

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089935.D
 Acq On : 31 Aug 2016 5:29
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Aug 31 05:55:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 05:39:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	185438	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	802815	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	408788	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	791504	20.00	ng	0.00
75) Chrysene-d12	13.76	240	463873	20.00	ng	0.00
86) Perylene-d12	15.10	264	467596	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1778461	76.60	ng	0.00
7) Phenol-d6	6.30	99	1931100	67.86	ng	0.02
23) Nitrobenzene-d5	7.22	82	1877908	68.69	ng	0.01
41) 2,4,6-Tribromophenol	10.47	330	596802	76.85	ng	0.01
44) 2-Fluorobiphenyl	9.00	172	3284119	66.20	ng	0.00
78) Terphenyl-d14	12.73	244	2963402	78.45	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	423407	77.86	ng	99
3) Pyridine	2.73	79	1203121	83.26	ng	99
4) n-Nitrosodimethylamine	2.71	42	582253	80.47	ng	100
6) Aniline	6.31	93	1358683	70.27	ng	# 54
8) 2-Chlorophenol	6.43	128	943497	74.23	ng	95
9) Benzaldehyde	6.18	77	649283	70.46	ng	93
10) Phenol	6.31	94	1198717	72.43	ng	88
11) bis(2-Chloroethyl)ether	6.39	93	828821	66.63	ng	98
12) 1,3-Dichlorobenzene	6.58	146	1003559	70.33	ng	# 95
13) 1,4-Dichlorobenzene	6.66	146	1068600	73.61	ng	95
14) 1,2-Dichlorobenzene	6.81	146	851571	66.21	ng	95
15) Benzyl Alcohol	6.80	79	582283	64.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1721366	71.88	ng	99
17) 2-Methylphenol	6.91	107	774206	76.62	ng	99
18) Hexachloroethane	7.15	117	360403	72.58	ng	96
19) n-Nitroso-di-n-propylamine	7.08	70	692562	73.87	ng	90
20) 3+4-Methylphenols	7.07	107	787879	64.65	ng	96
22) Acetophenone	7.06	105	1273162	71.76	ng	# 94
24) Nitrobenzene	7.23	77	922720	63.86	ng	96
25) Isophorone	7.48	82	2101558	75.06	ng	99
26) 2-Nitrophenol	7.55	139	597334	85.91	ng	# 84
27) 2,4-Dimethylphenol	7.60	122	861724	65.37	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	1266966	74.59	ng	99
29) 2,4-Dichlorophenol	7.79	162	812058	69.09	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	836787	65.92	ng	97
31) Naphthalene	7.95	128	2582100	64.69	ng	99
32) Benzoic acid	7.78	122	782178	90.74	ng	96
33) 4-Chloroaniline	8.01	127	1160987	72.51	ng	# 90
34) Hexachlorobutadiene	8.08	225	535934	72.04	ng	98
35) Caprolactam	8.41	113	212177	58.10	ng	93
36) 4-Chloro-3-methylphenol	8.50	107	981148	81.05	ng	88
37) 2-Methylnaphthalene	8.64	142	1606835	61.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	865864	71.71	ng	99
40) Hexachlorocyclopentadiene	8.80	237	494372	79.91	ng	95

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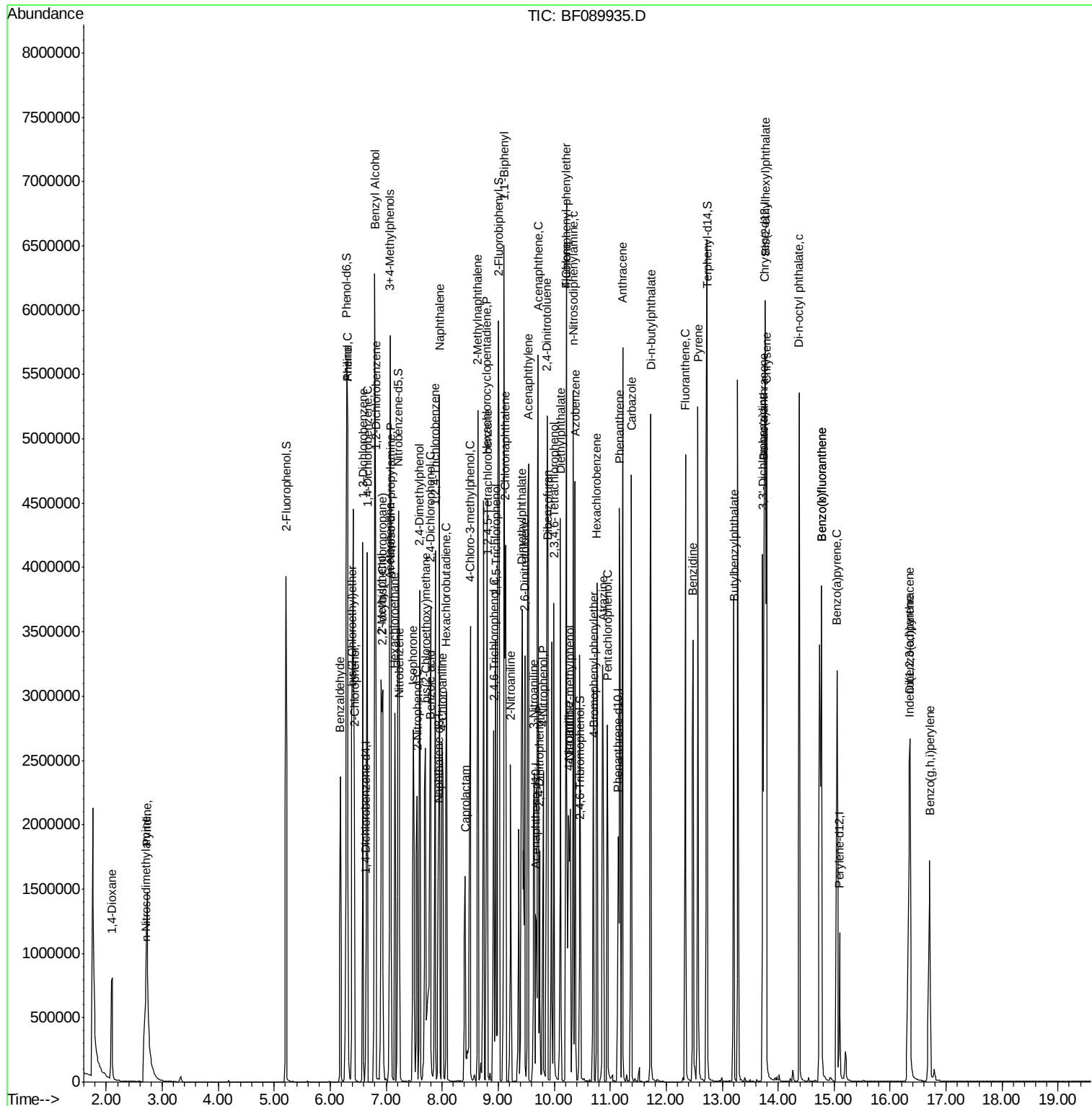
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	648322	78.27	ng	95
43) 2,4,5-Trichlorophenol	8.96	196	588051	71.85	ng	97
45) 1,1'-Biphenyl	9.11	154	2000263	59.47	ng	96
46) 2-Chloronaphthalene	9.13	162	1739613	74.73	ng	96
47) 2-Nitroaniline	9.22	65	525723	69.84	ng	94
48) Acenaphthylene	9.54	152	2741760	71.58	ng	99
49) Dimethylphthalate	9.43	163	2237923	78.69	ng	99
50) 2,6-Dinitrotoluene	9.47	165	471320	69.87	ng	95
51) Acenaphthene	9.71	154	1825314	73.86	ng	99
52) 3-Nitroaniline	9.64	138	628398	88.12	ng	# 78
53) 2,4-Dinitrophenol	9.74	184	288256	105.45	ng	94
54) Dibenzofuran	9.88	168	2293479	71.49	ng	97
55) 4-Nitrophenol	9.80	139	420625	73.54	ng	# 62
56) 2,4-Dinitrotoluene	9.87	165	545192	64.76	ng	# 79
57) Fluorene	10.22	166	1468659	59.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	494648	72.23	ng	98
59) Diethylphthalate	10.11	149	1870363	65.07	ng	98
60) 4-Chlorophenyl-phenylether	10.22	204	625976	53.54	ng	# 86
61) 4-Nitroaniline	10.26	138	588830	82.62	ng	92
62) Azobenzene	10.38	77	1943305	69.91	ng	95
64) 4,6-Dinitro-2-methylphenol	10.28	198	463700	96.53	ng	# 67
65) n-Nitrosodiphenylamine	10.34	169	1581661	65.35	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	609812	76.48	ng	# 86
67) Hexachlorobenzene	10.76	284	643755	69.42	ng	# 88
68) Atrazine	10.87	200	616802	80.46	ng	98
69) Pentachlorophenol	10.95	266	416124	86.75	ng	99
70) Phenanthrene	11.16	178	2657998	69.11	ng	99
71) Anthracene	11.22	178	2479937	61.22	ng	99
72) Carbazole	11.38	167	2782642	75.14	ng	99
73) Di-n-butylphthalate	11.73	149	3072711	68.35	ng	100
74) Fluoranthene	12.34	202	2578608	63.18	ng	95
76) Benzidine	12.48	184	1755786	102.47	ng	97
77) Pyrene	12.57	202	2597269	80.39	ng	98
79) Butylbenzylphthalate	13.21	149	1379352	107.95	ng	# 78
80) Benzo(a)anthracene	13.75	228	2410778	86.36	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	831863	82.37	ng	98
82) Chrysene	13.79	228	2379414	95.95	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1646406	90.73	ng	98
84) Di-n-octyl phthalate	14.38	149	2674229	92.82	ng	96
85) Indeno(1,2,3-cd)pyrene	16.34	276	1772559	93.26	ng	100
87) Benzo(b)fluoranthene	14.78	252	4185243	144.18	ng	100
88) Benzo(k)fluoranthene	14.78	252	4186572	170.52	ng	98
89) Benzo(a)pyrene	15.05	252	1857892	75.14	ng	# 95
90) Dibenzo(a,h)anthracene	16.35	278	1410540	74.93	ng	98
91) Benzo(g,h,i)perylene	16.71	276	1456841	77.36	ng	95

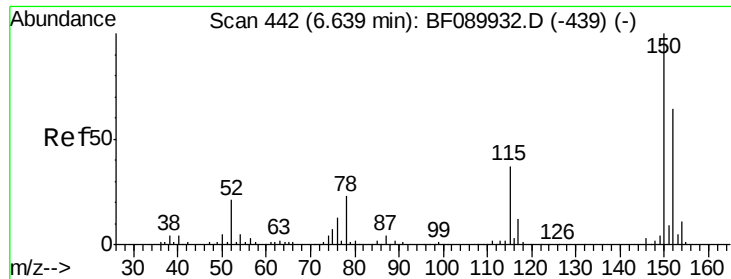
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

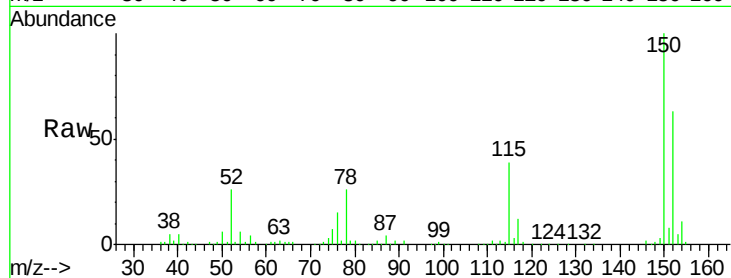
Tgt Ion:152 Resp: 185438

Ion Ratio Lower Upper

152 100

150 158.7 127.4 191.2

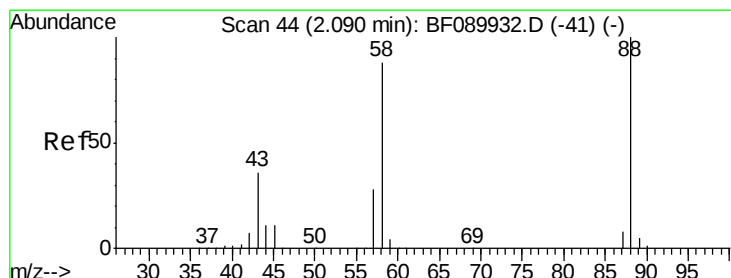
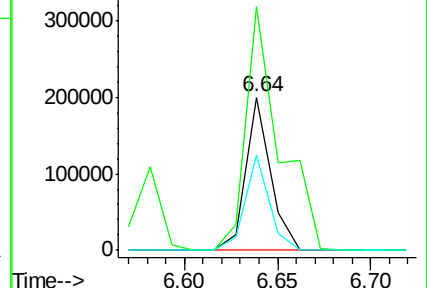
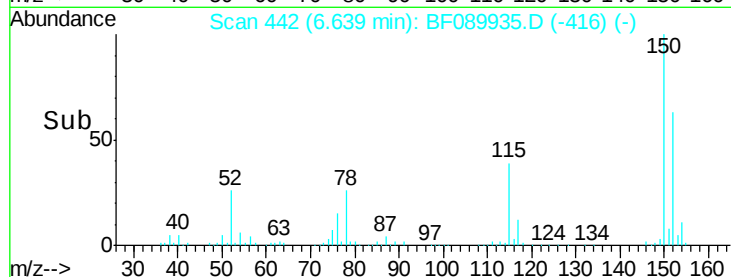
115 62.2 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 77.86 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

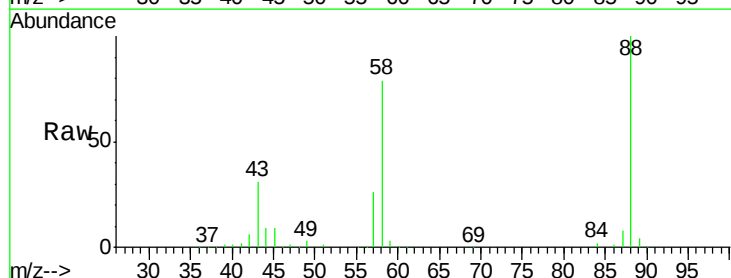
Tgt Ion: 88 Resp: 423407

Ion Ratio Lower Upper

88 100

58 84.2 68.8 103.2

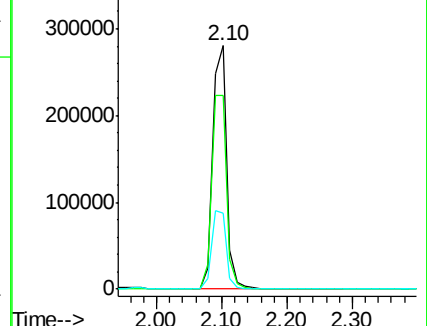
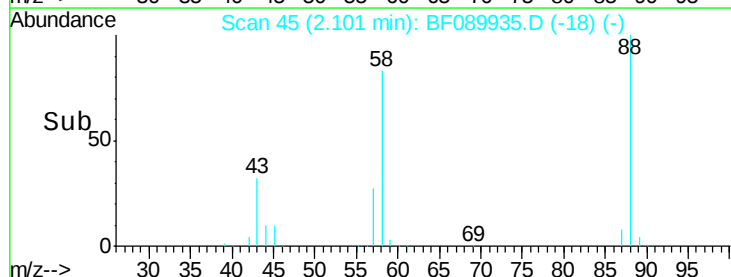
43 33.6 27.0 40.6

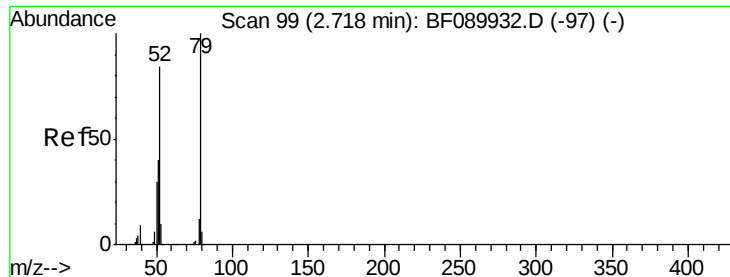


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 83.26 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

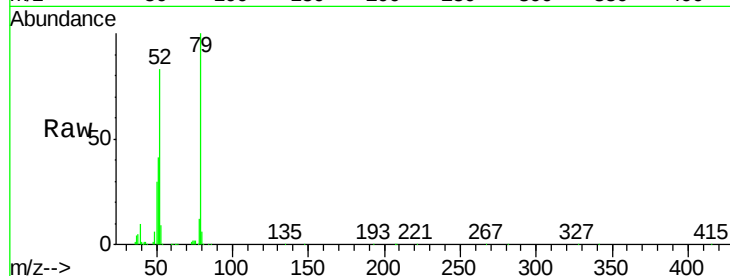
Tgt Ion: 79 Resp: 1203121

Ion Ratio Lower Upper

79 100

52 83.3 67.8 101.6

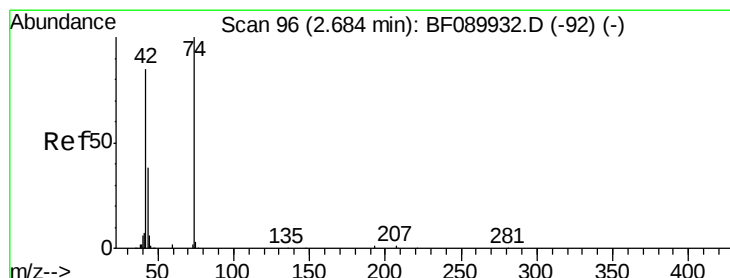
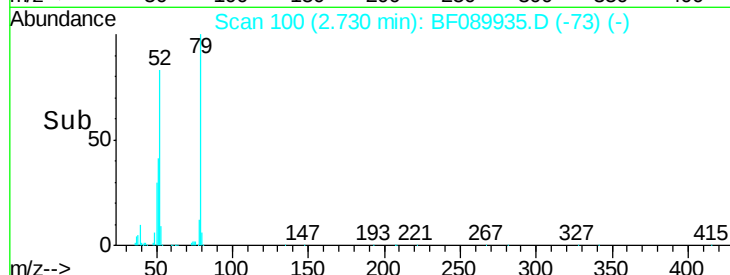
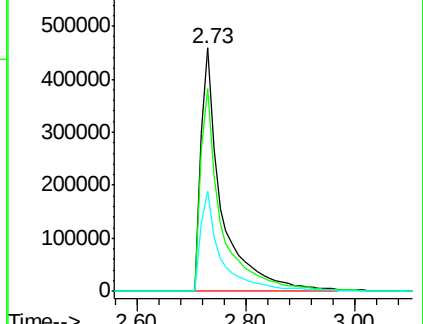
51 41.2 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 80.47 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

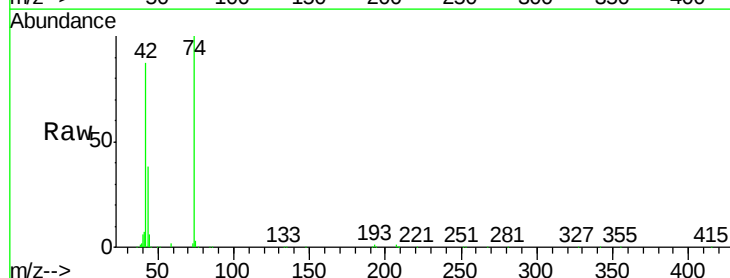
Tgt Ion: 42 Resp: 582253

Ion Ratio Lower Upper

42 100

74 114.6 92.0 138.0

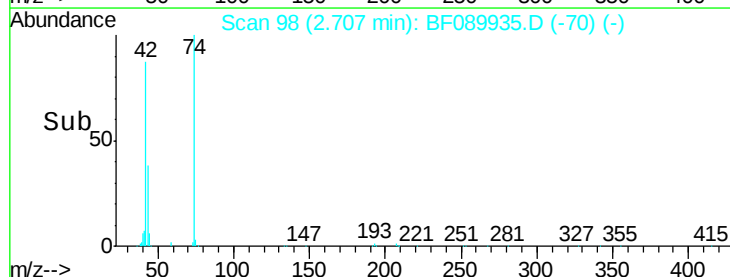
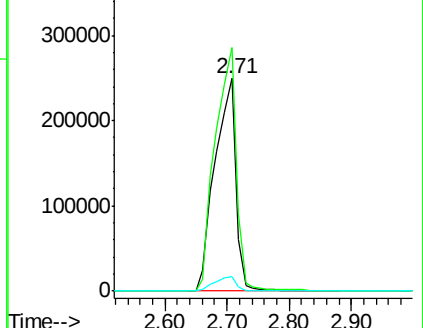
44 7.0 5.8 8.8

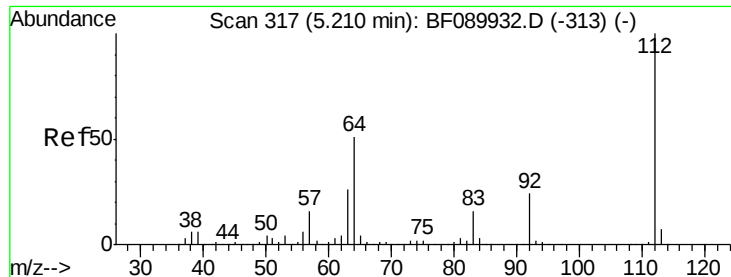


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.60 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089935.D

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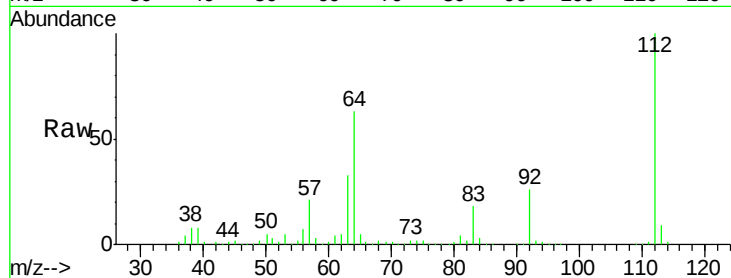
Tgt Ion: 112 Resp: 1778461

Ion Ratio Lower Upper

112 100

64 62.7 41.1 61.7#

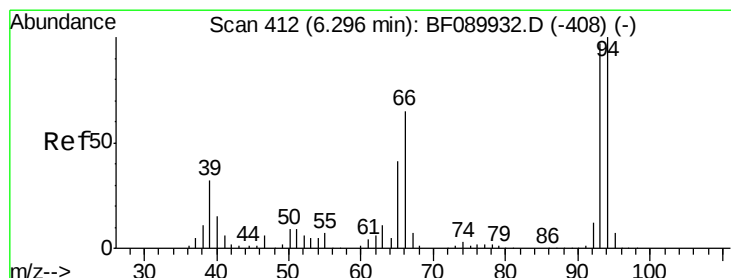
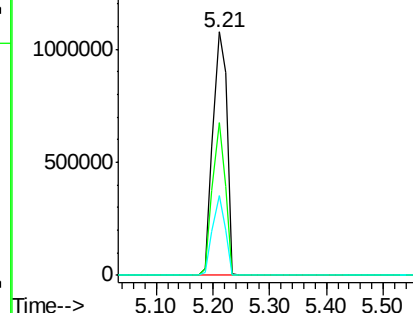
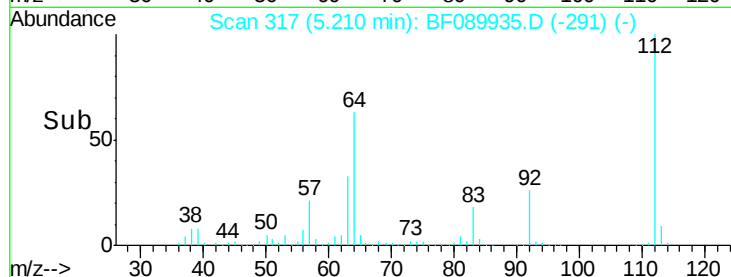
63 32.5 21.2 31.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 70.27 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

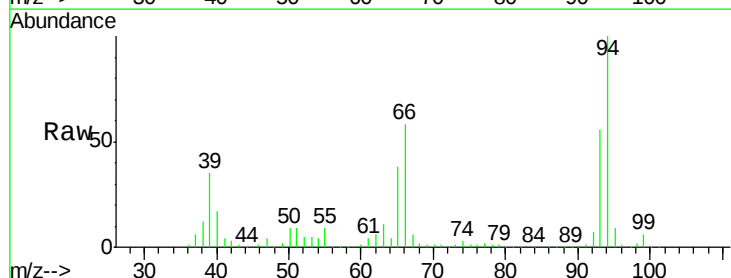
Tgt Ion: 93 Resp: 1358683

Ion Ratio Lower Upper

93 100

66 103.6 52.9 79.3#

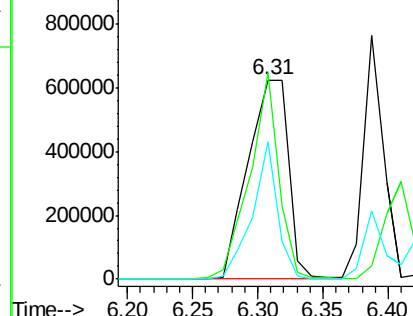
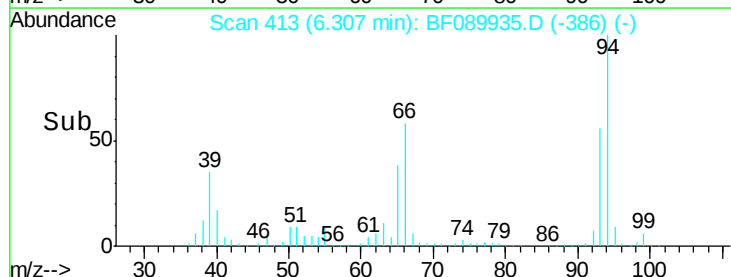
65 69.3 33.0 49.6#

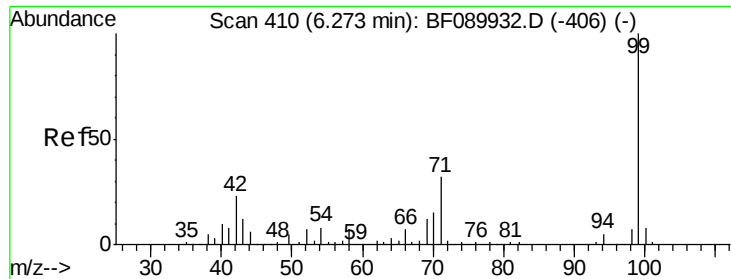


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 67.86 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.02 min

Lab File: BF089935.D

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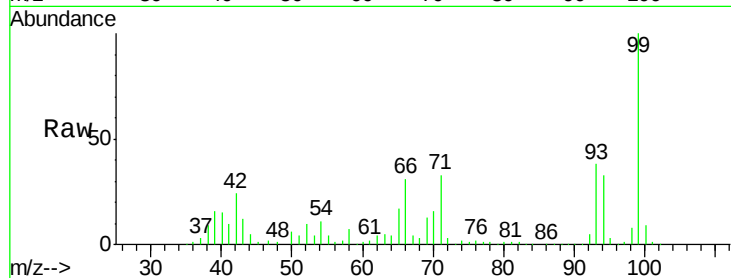
Tgt Ion: 99 Resp: 1931100

Ion Ratio Lower Upper

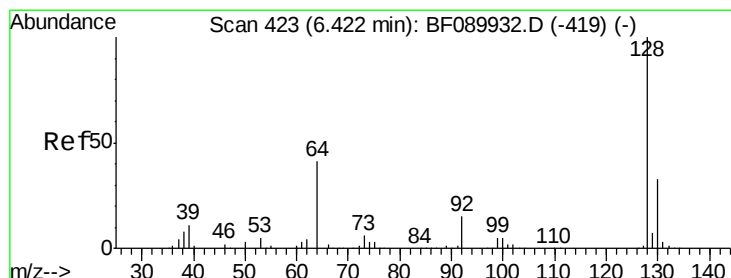
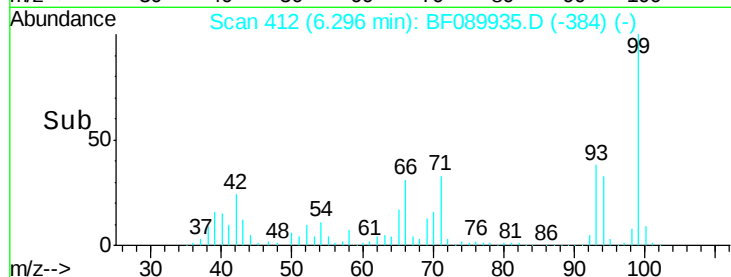
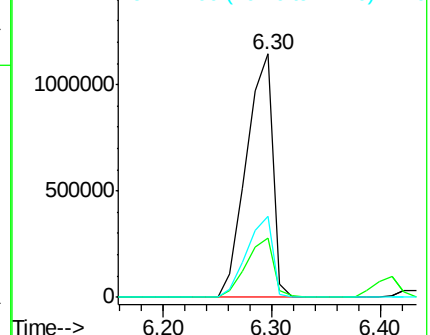
99 100

42 24.1 18.6 27.8

71 33.1 25.8 38.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 74.23 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

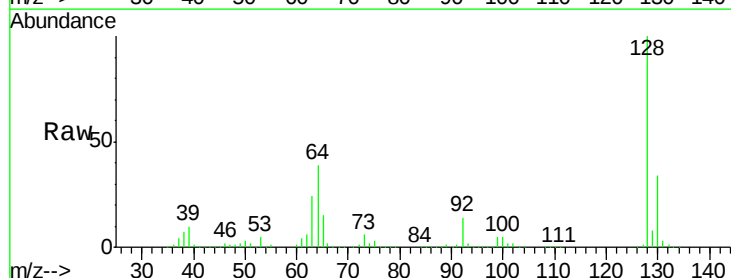
Tgt Ion: 128 Resp: 943497

Ion Ratio Lower Upper

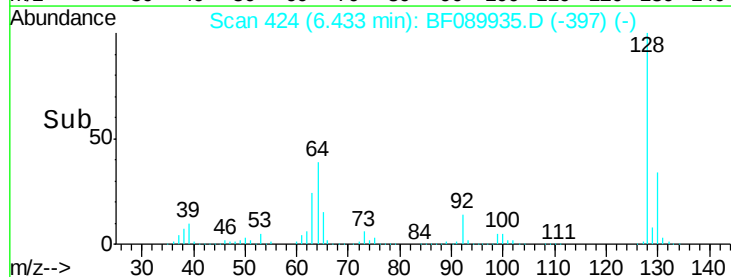
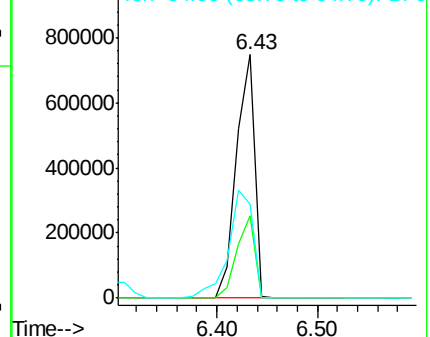
128 100

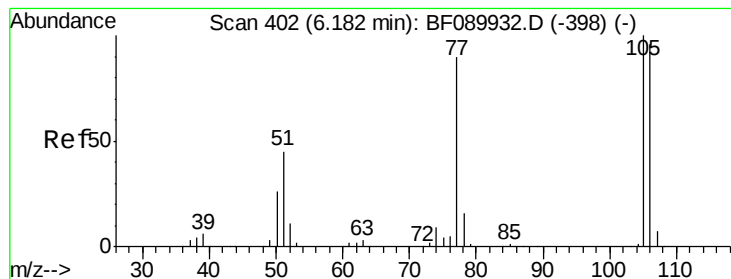
130 33.6 12.8 52.8

64 38.7 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 70.46 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

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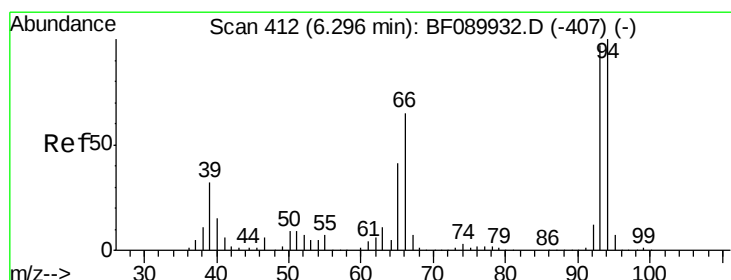
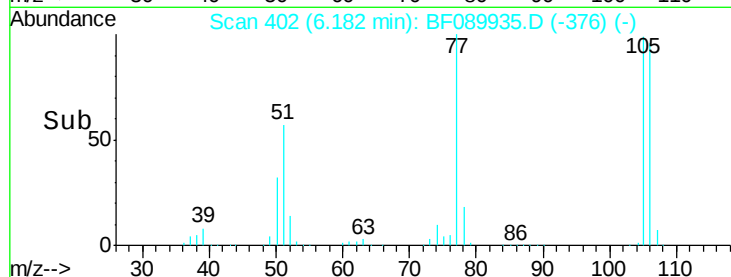
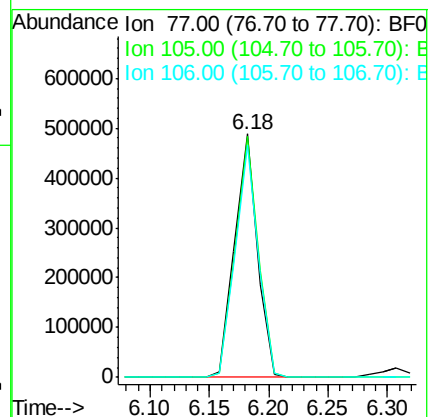
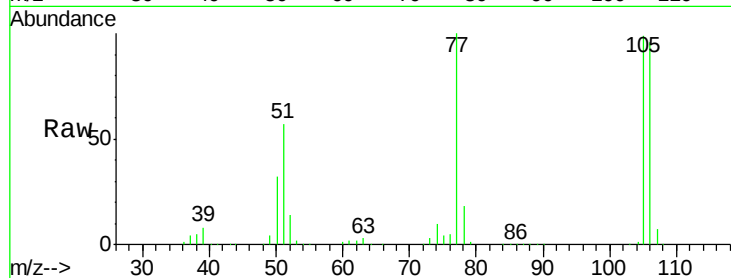
Tgt Ion: 77 Resp: 649283

Ion Ratio Lower Upper

77 100

105 99.2 85.4 125.4

106 95.6 83.4 123.4



#10

Phenol

Concen: 72.43 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

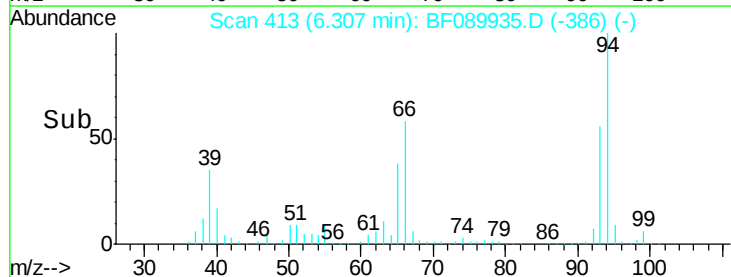
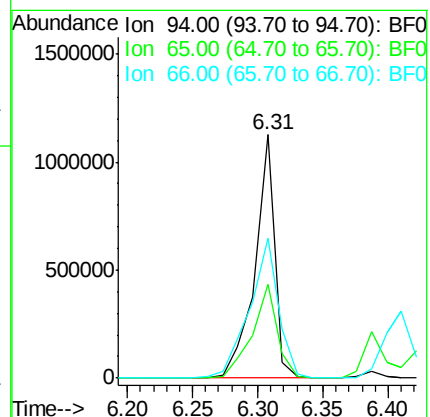
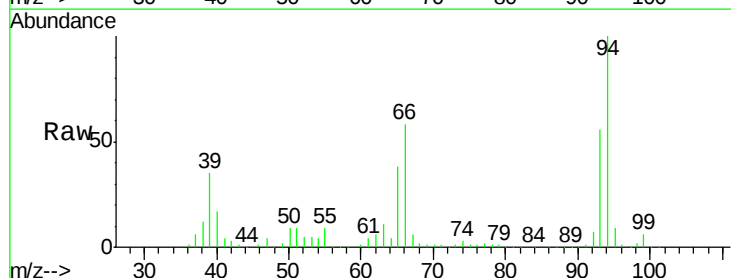
Tgt Ion: 94 Resp: 1198717

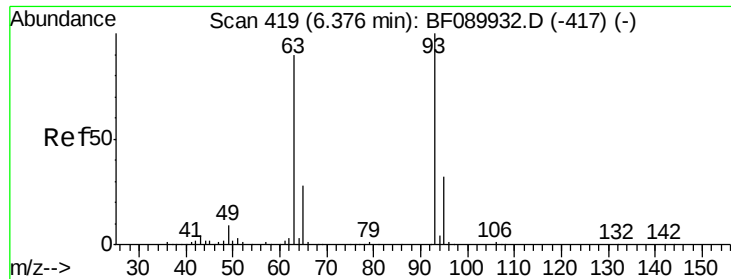
Ion Ratio Lower Upper

94 100

65 38.5 23.2 63.2

66 57.5 49.2 89.2

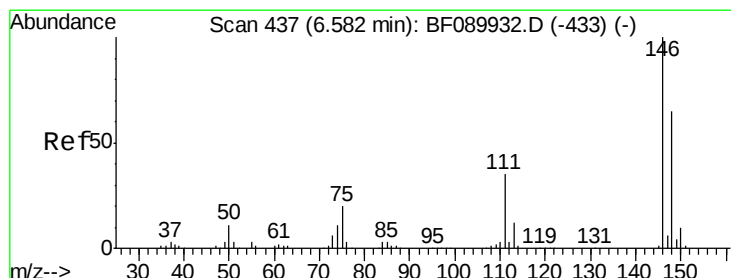
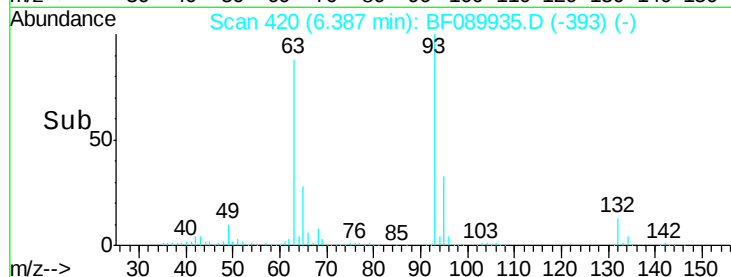
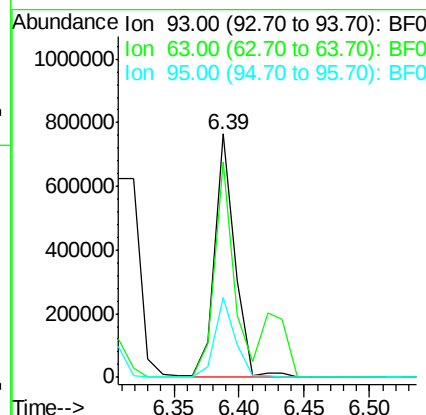
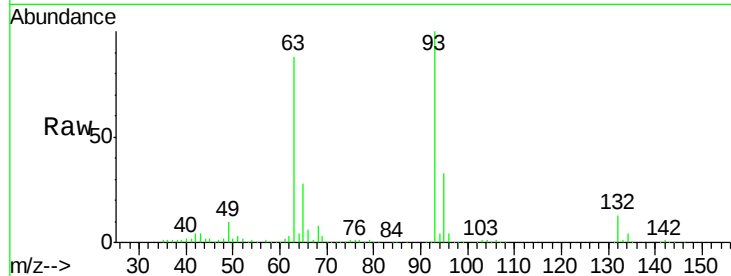




#11
bis(2-Chloroethyl)ether
Concen: 66.63 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

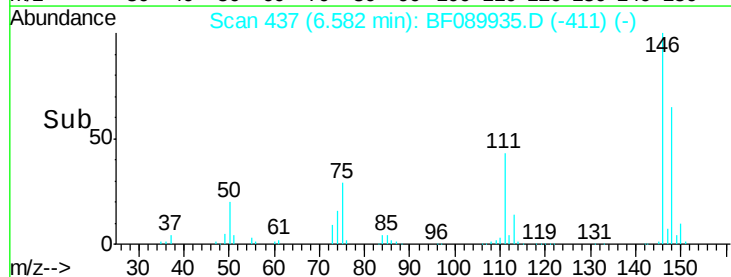
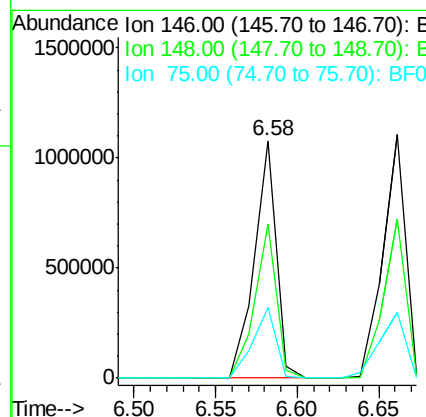
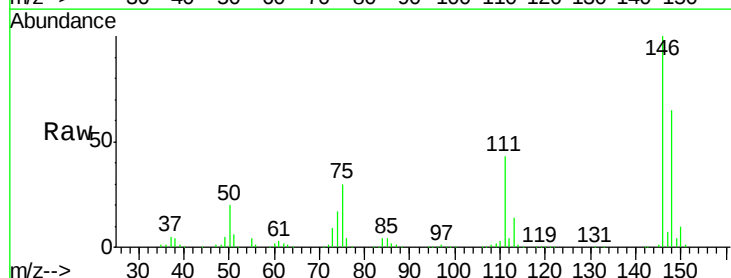
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

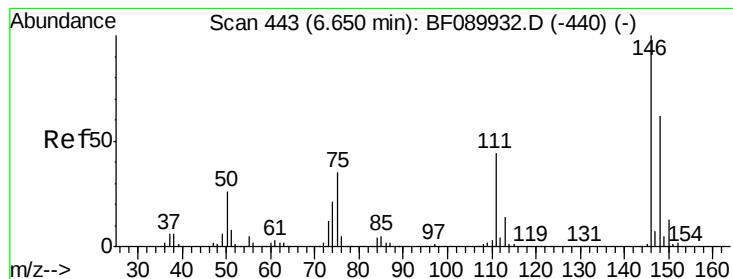
Tgt Ion: 93 Resp: 828821
Ion Ratio Lower Upper
93 100
63 88.5 71.1 111.1
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 70.33 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion: 146 Resp: 1003559
Ion Ratio Lower Upper
146 100
148 64.9 52.5 78.7
75 29.6 16.6 24.8#





#13

1,4-Dichlorobenzene

Concen: 73.61 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

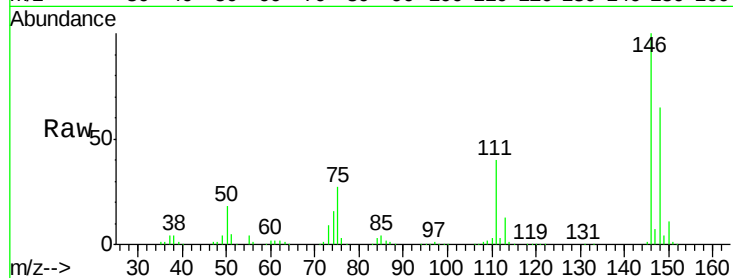
Tgt Ion:146 Resp: 1068600

Ion Ratio Lower Upper

146 100

148 65.2 50.1 75.1

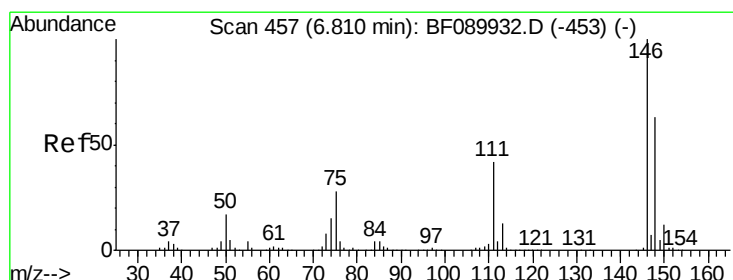
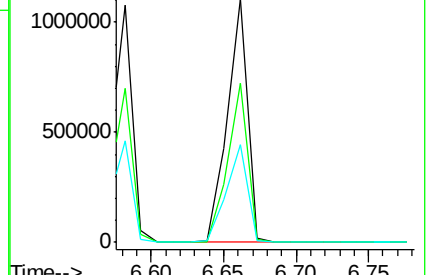
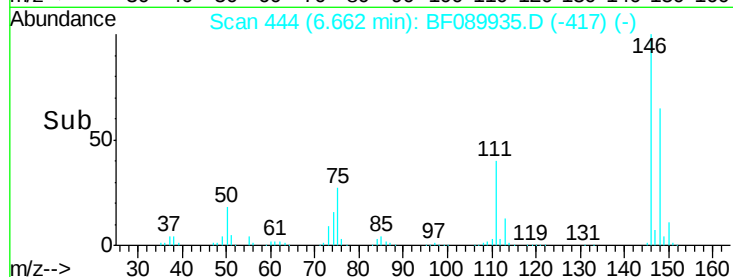
111 39.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 66.21 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

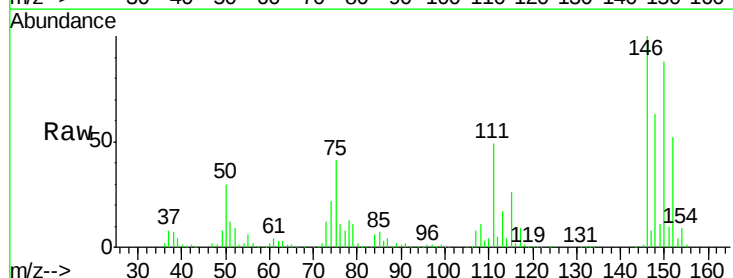
Tgt Ion:146 Resp: 851571

Ion Ratio Lower Upper

146 100

148 62.6 51.4 77.2

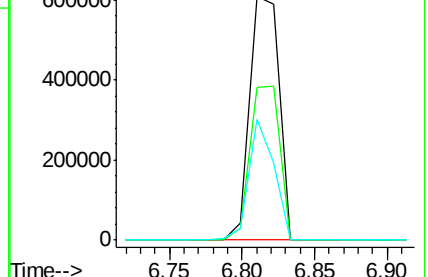
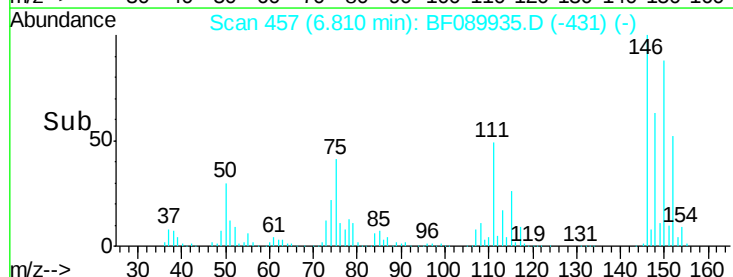
111 49.4 34.6 51.8

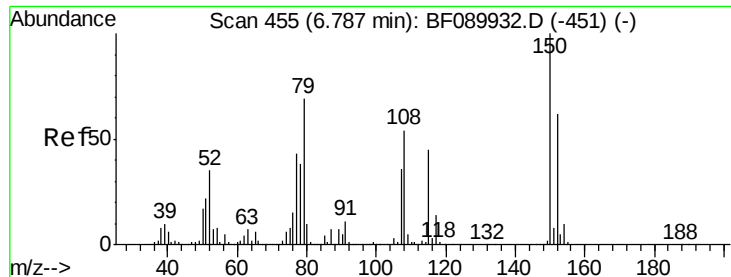


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 64.36 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

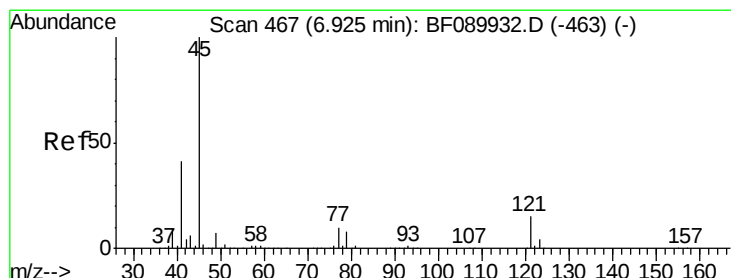
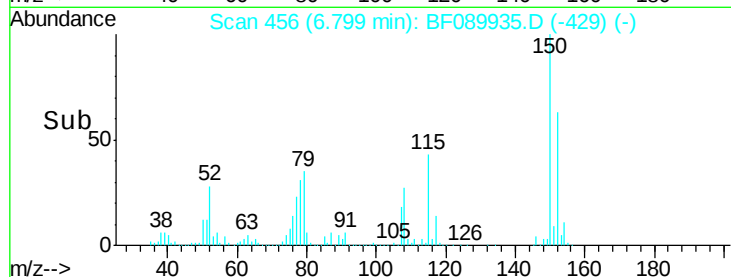
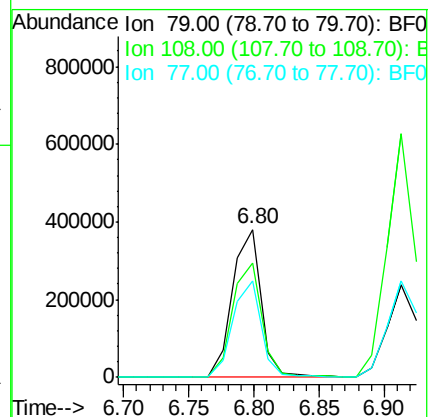
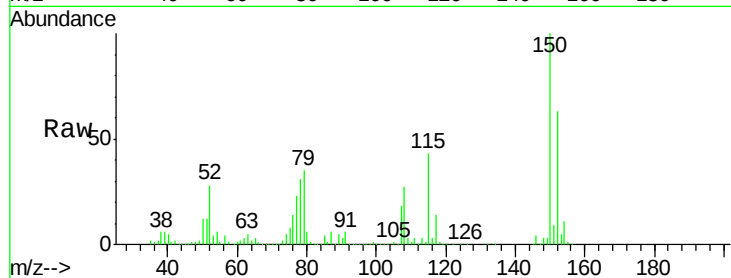
Tgt Ion: 79 Resp: 582283

Ion Ratio Lower Upper

79 100

108 77.0 62.1 93.1

77 64.9 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.88 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

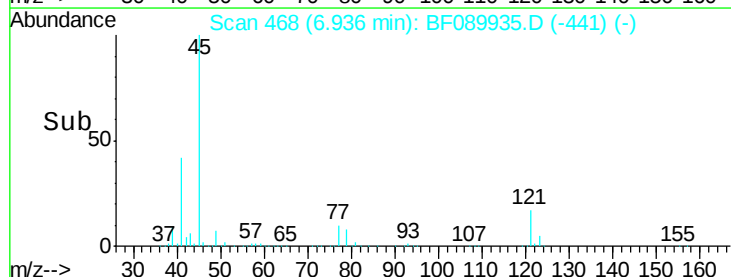
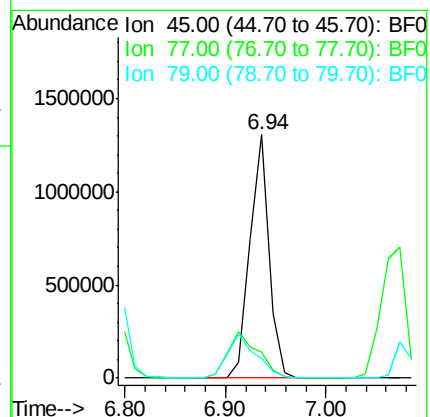
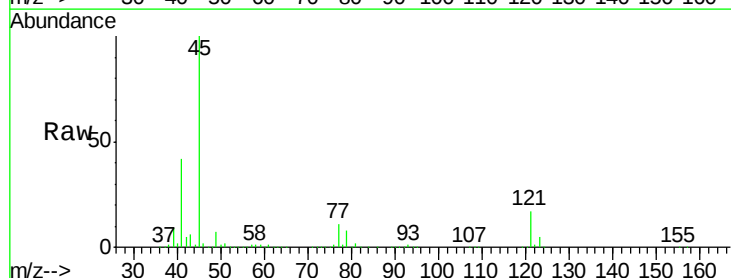
Tgt Ion: 45 Resp: 1721366

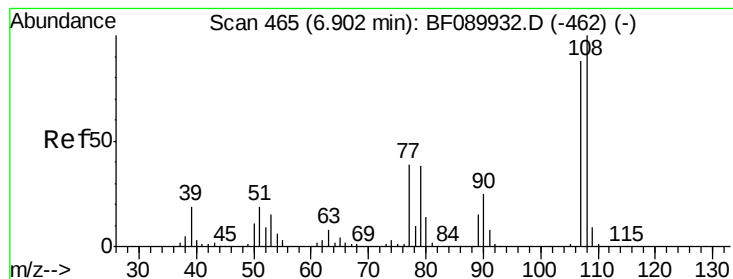
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.3

79 8.3 0.0 27.5





#17

2-Methylphenol

Concen: 76.62 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 774206

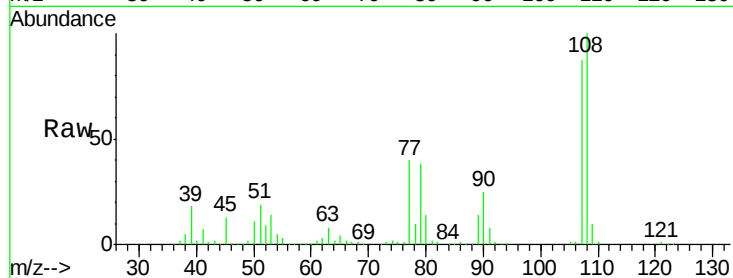
Ion Ratio Lower Upper

107 100

108 115.6 91.8 137.6

77 45.9 36.0 54.0

79 43.9 35.9 53.9



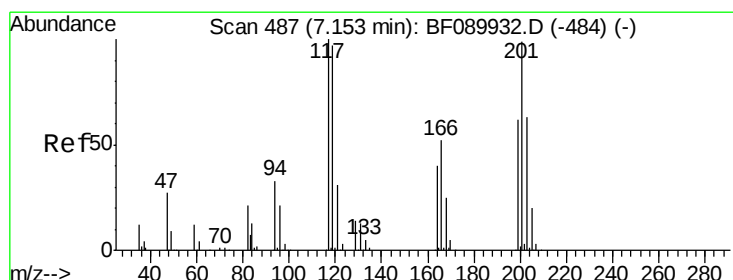
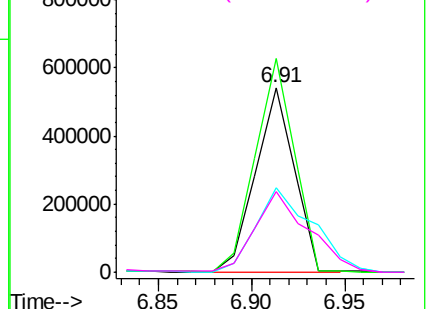
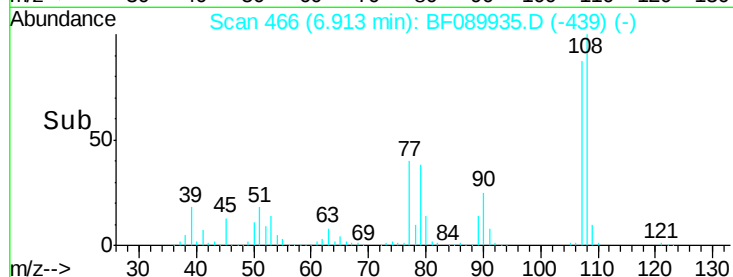
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 72.58 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

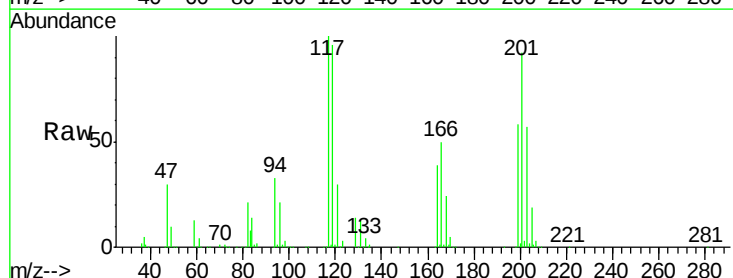
Tgt Ion:117 Resp: 360403

Ion Ratio Lower Upper

117 100

119 95.9 76.2 114.2

201 92.4 80.2 120.2

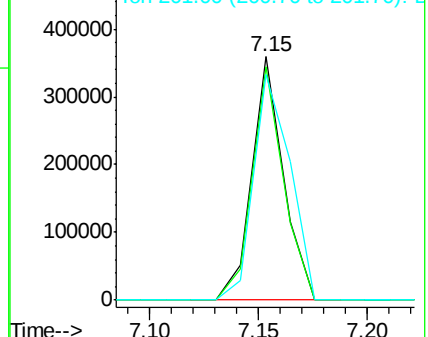
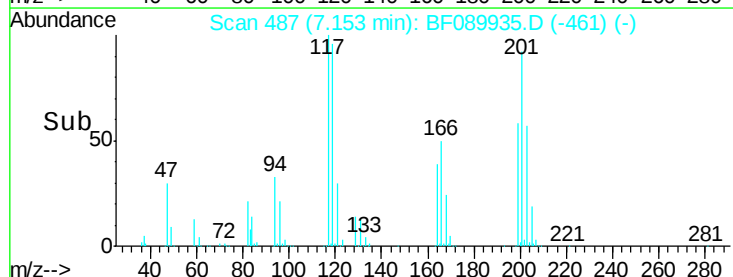


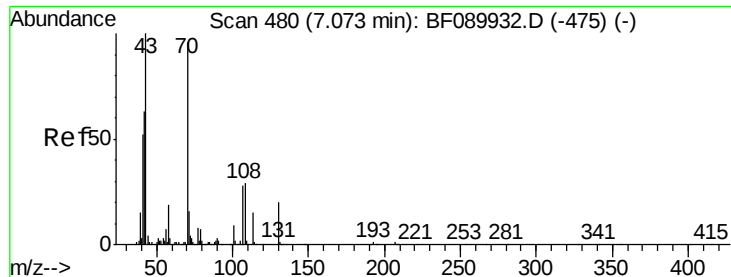
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

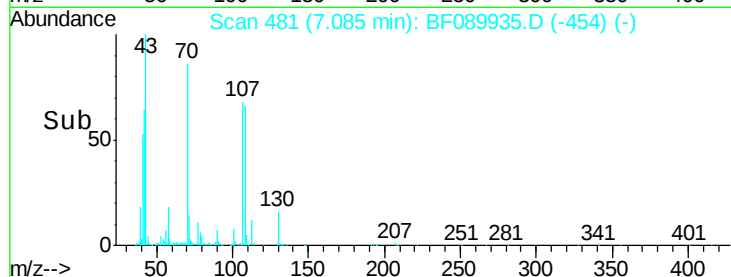
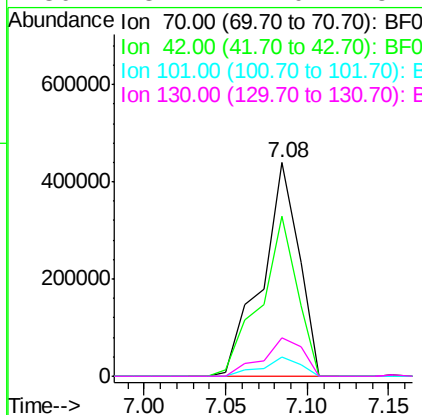
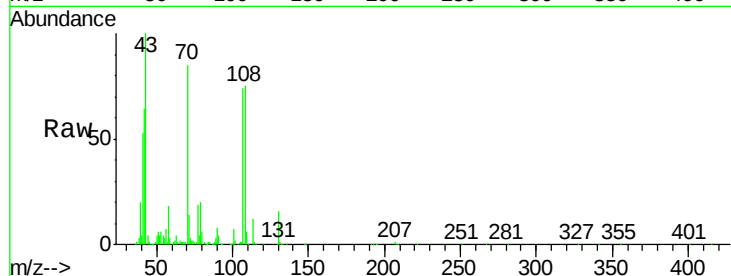




#19
 n-Nitroso-di-n-propylamine
 Concen: 73.87 ng
 RT: 7.08 min Scan# 481
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

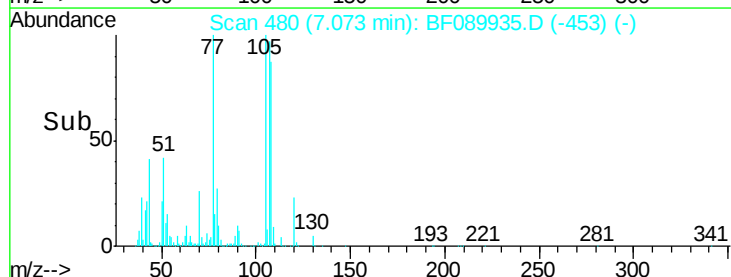
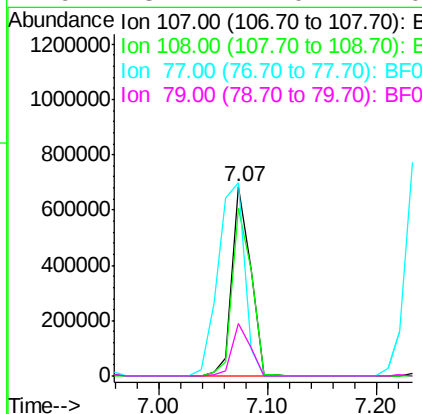
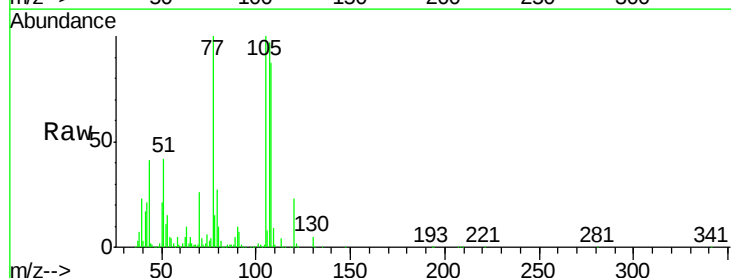
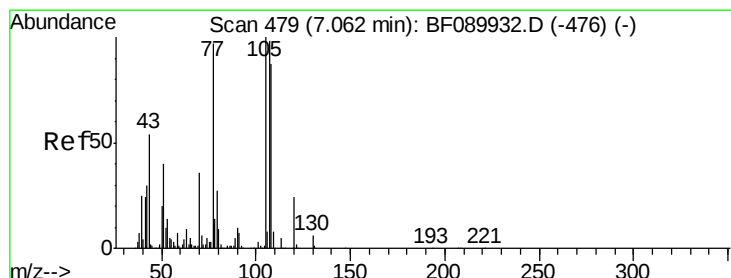
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

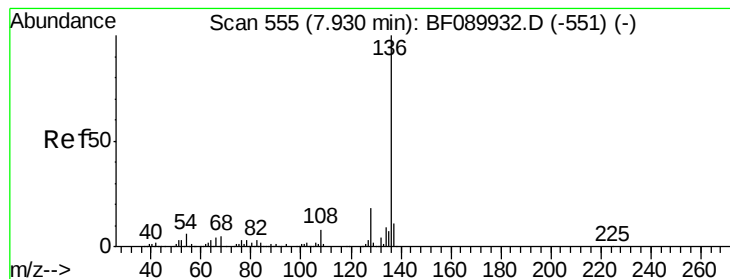
Tgt Ion:	70	Resp:	692562
Ion	Ratio	Lower	Upper
70	100		
42	75.2	52.1	78.1
101	8.8	7.4	11.2
130	18.2	17.0	25.4



#20
 3+4-Methylphenols
 Concen: 64.65 ng
 RT: 7.07 min Scan# 480
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion:	107	Resp:	787879
Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.2	110.2
77	102.6	75.7	115.7
79	28.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:136 Resp: 802815

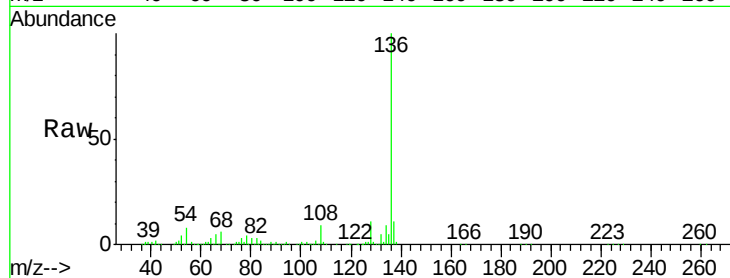
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 8.2 4.8 7.2#

68 5.8 3.7 5.5#

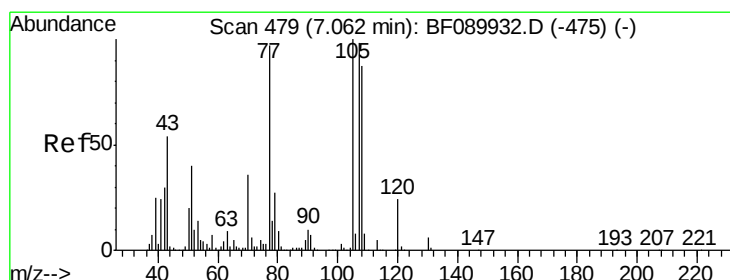
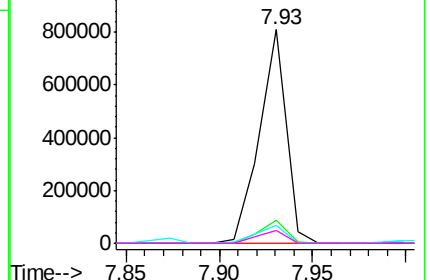
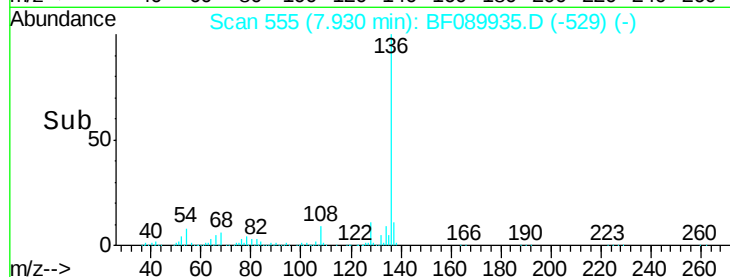


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 71.76 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:105 Resp: 1273162

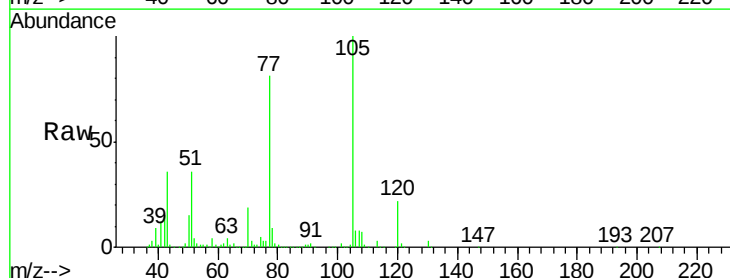
Ion Ratio Lower Upper

105 100

71 3.2 5.3 7.9#

51 36.0 32.6 48.8

120 22.3 18.6 28.0

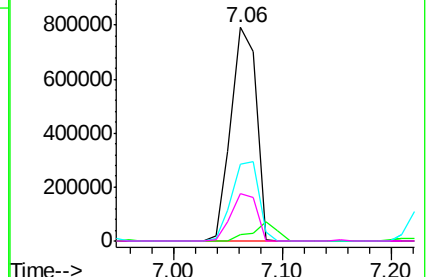
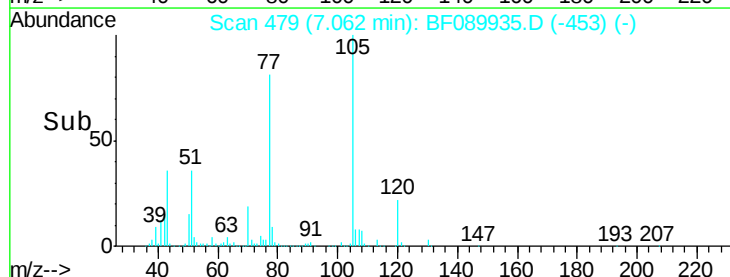


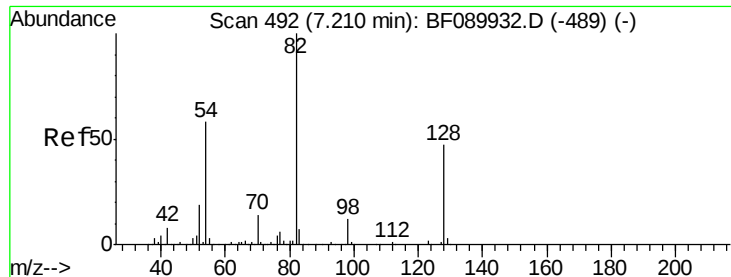
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

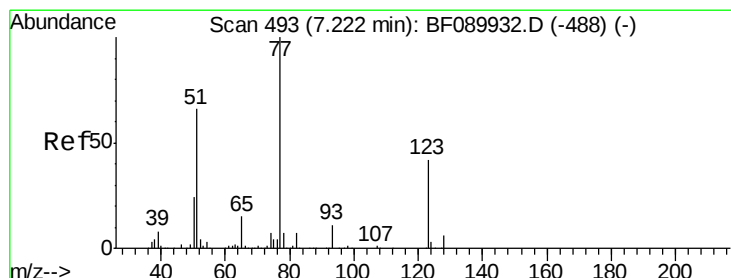
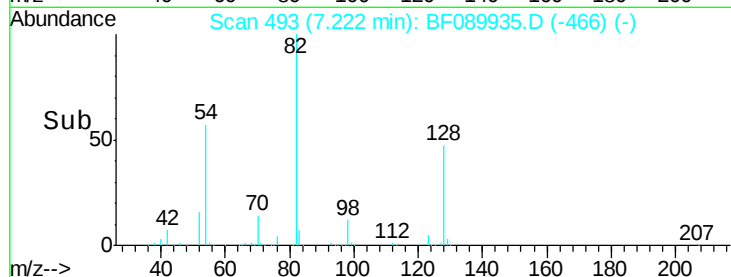
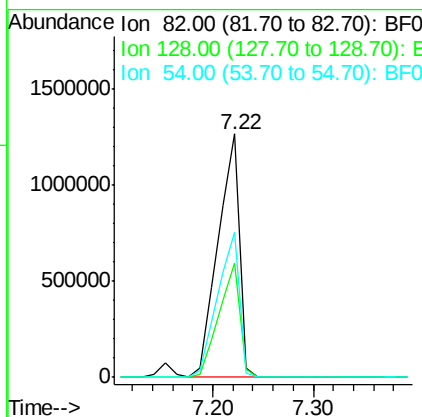
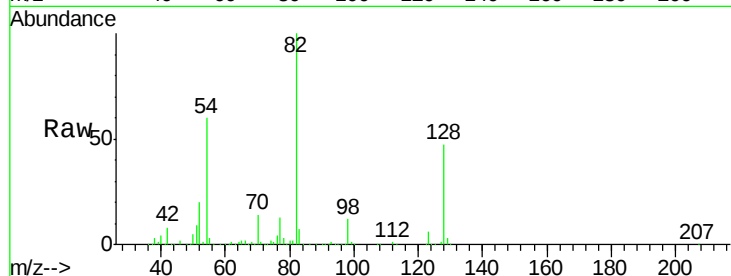




#23
 Nitrobenzene-d5
 Concen: 68.69 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

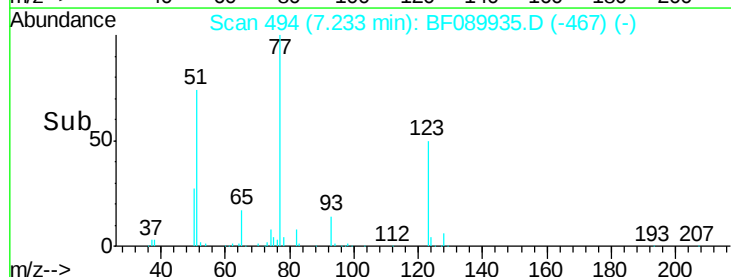
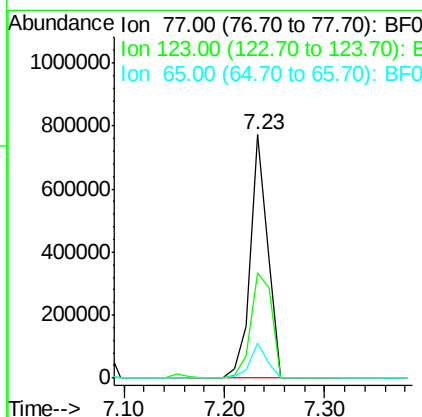
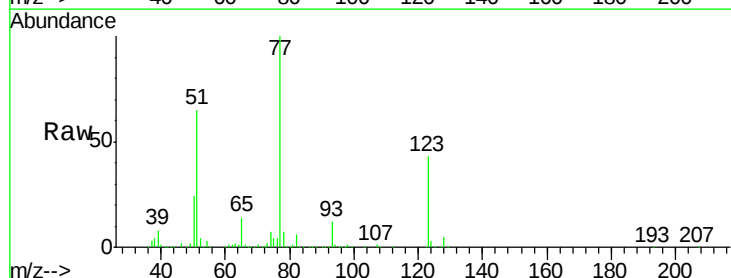
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

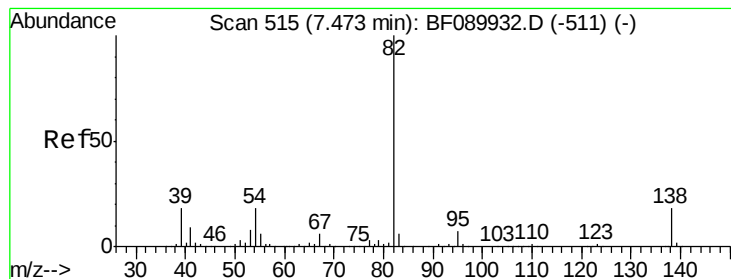
Tgt Ion: 82 Resp: 1877908
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.8 56.8
 54 59.7 46.9 70.3



#24
 Nitrobenzene
 Concen: 63.86 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion: 77 Resp: 922720
 Ion Ratio Lower Upper
 77 100
 123 43.3 32.0 48.0
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 75.06 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

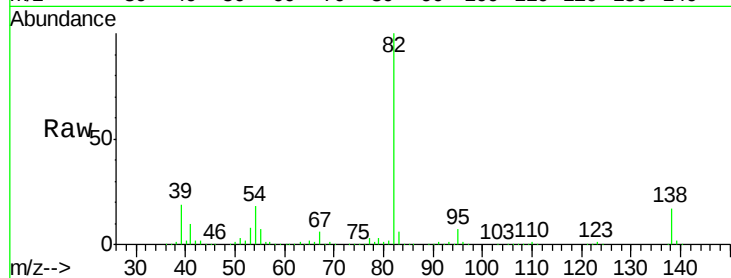
Tgt Ion: 82 Resp: 2101558

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

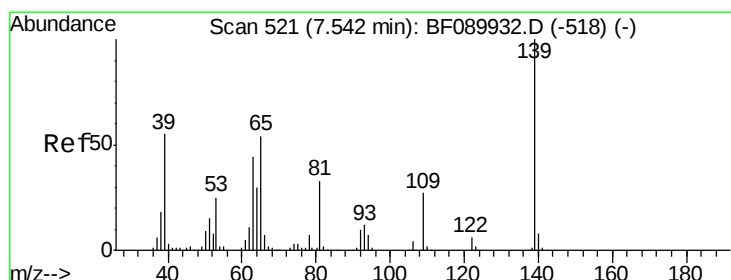
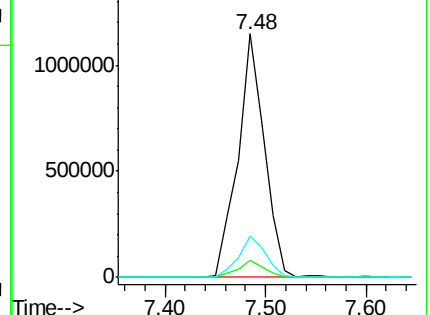
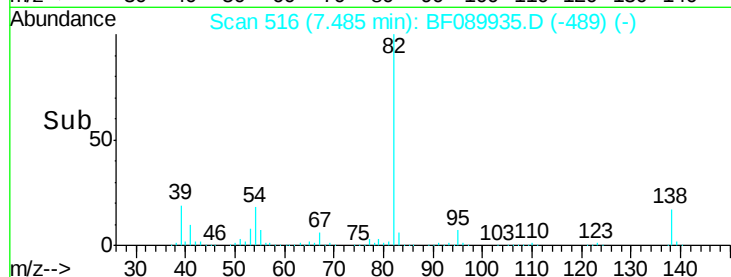
138 17.2 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 85.91 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

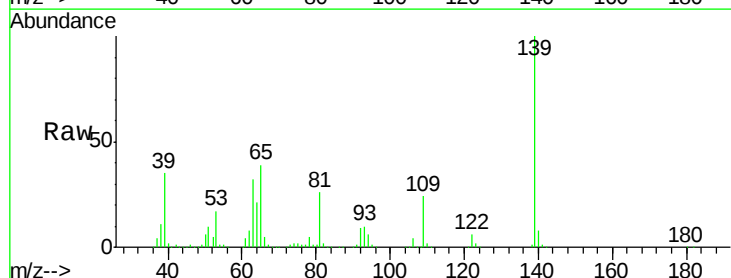
Tgt Ion: 139 Resp: 597334

Ion Ratio Lower Upper

139 100

109 23.9 21.0 31.4

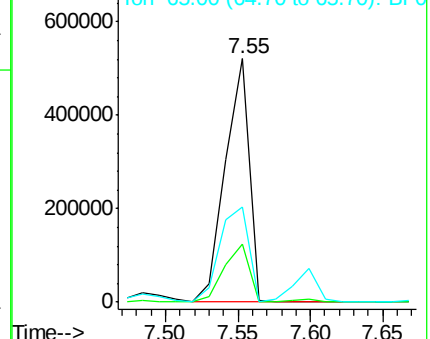
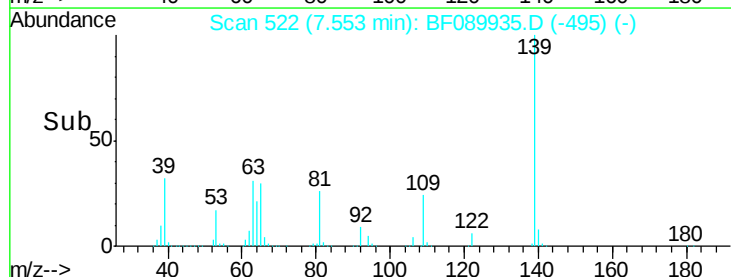
65 39.0 43.4 65.0#

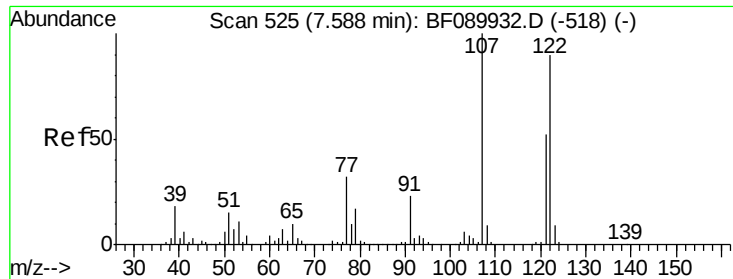


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 65.37 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

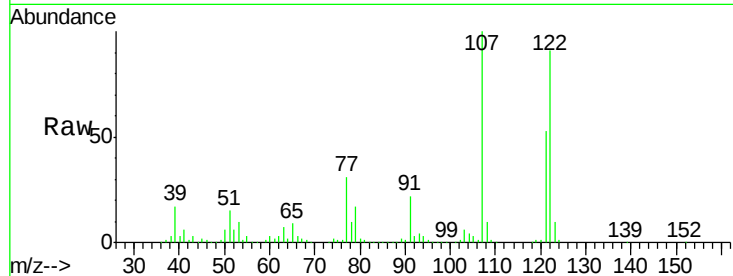
Tgt Ion:122 Resp: 861724

Ion Ratio Lower Upper

122 100

107 110.4 88.5 132.7

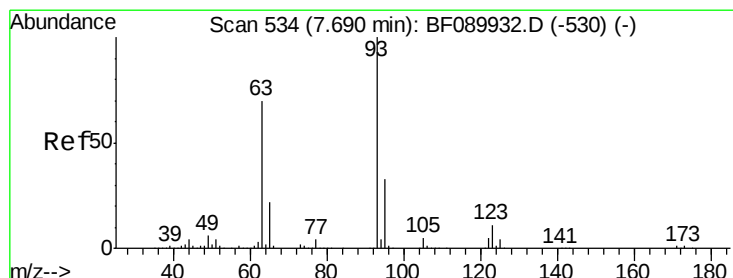
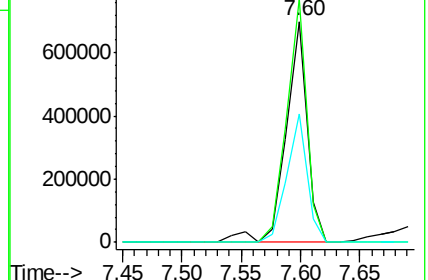
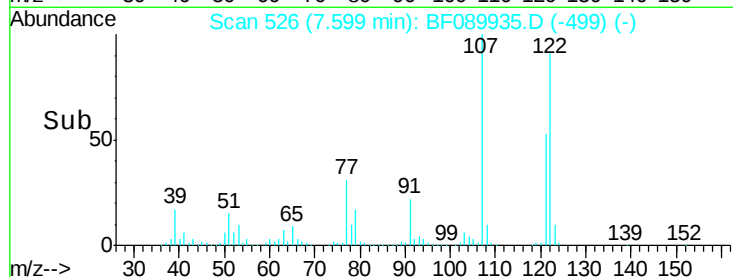
121 58.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 74.59 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

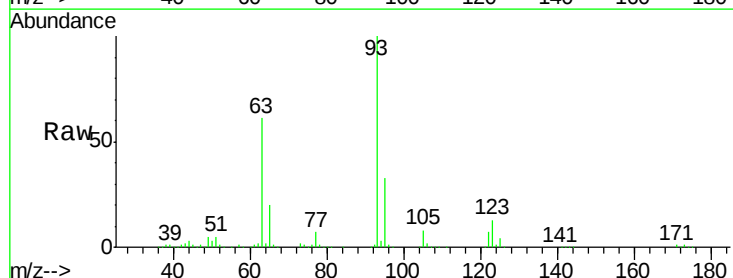
Tgt Ion: 93 Resp: 1266966

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

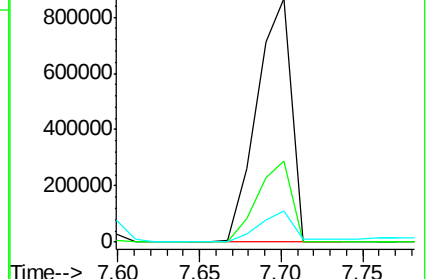
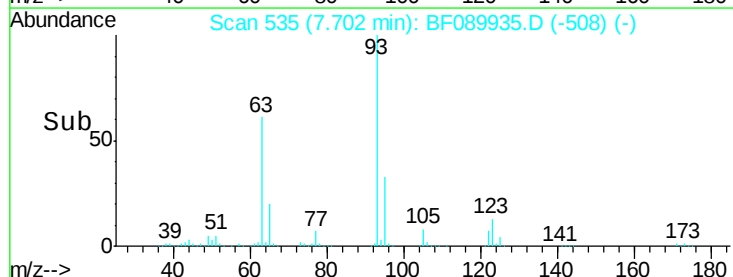
123 12.6 9.1 13.7

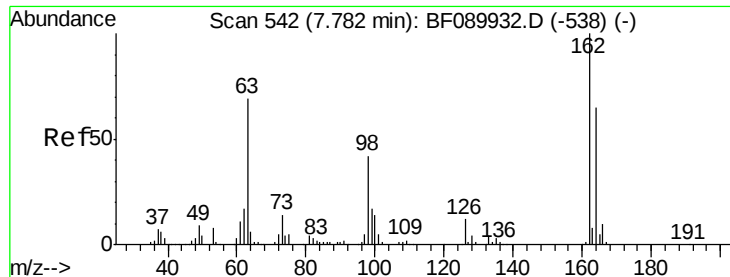


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 69.09 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

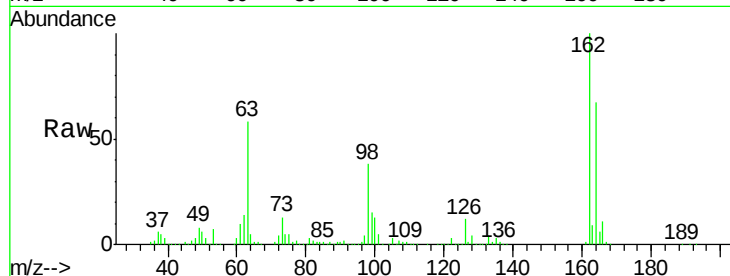
Tgt Ion:162 Resp: 812058

Ion Ratio Lower Upper

162 100

164 66.6 46.6 86.6

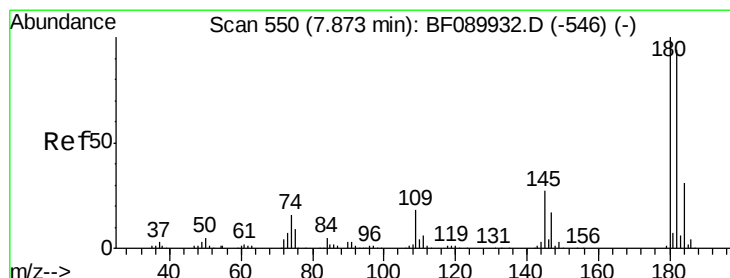
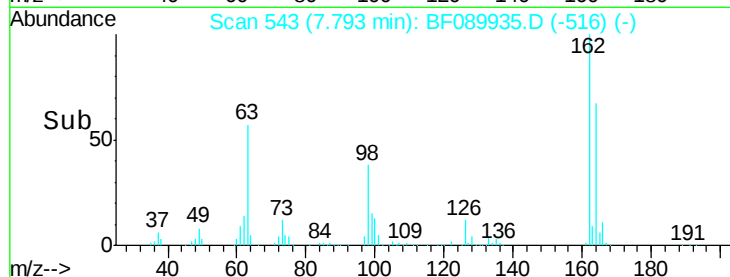
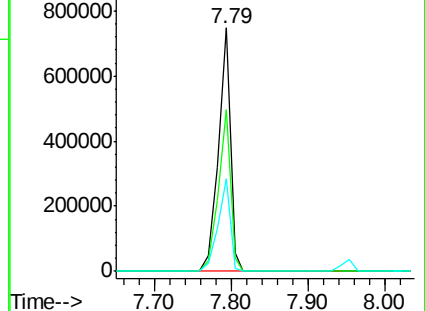
98 38.2 22.0 62.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 65.92 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

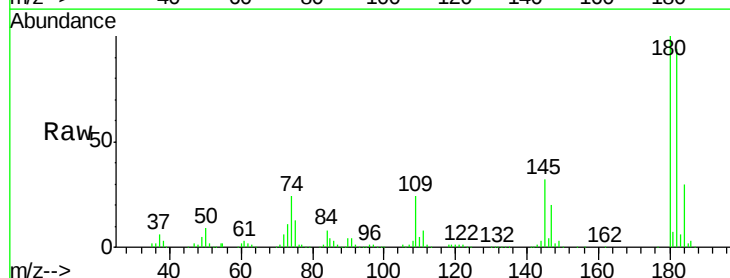
Tgt Ion:180 Resp: 836787

Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.2

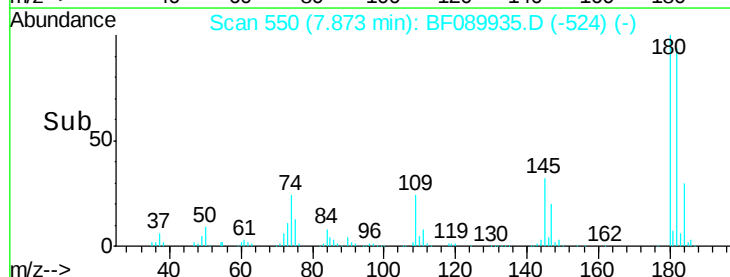
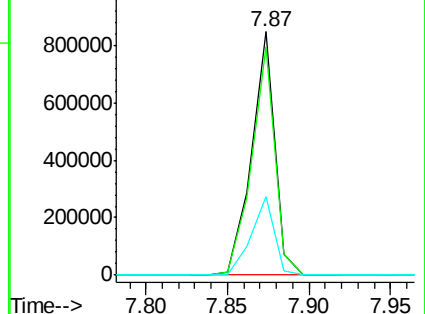
145 32.3 22.2 33.4

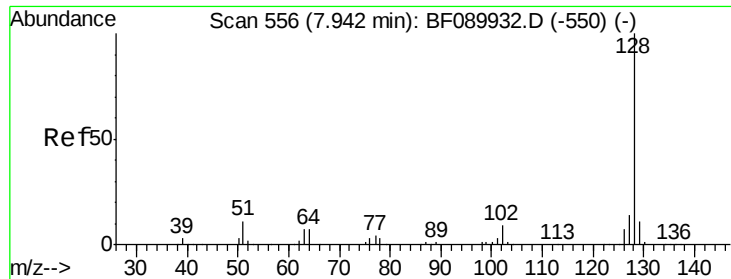


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

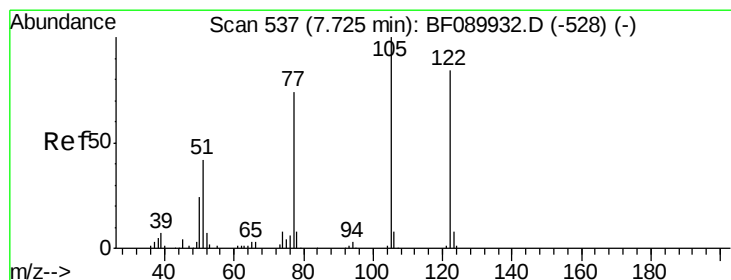
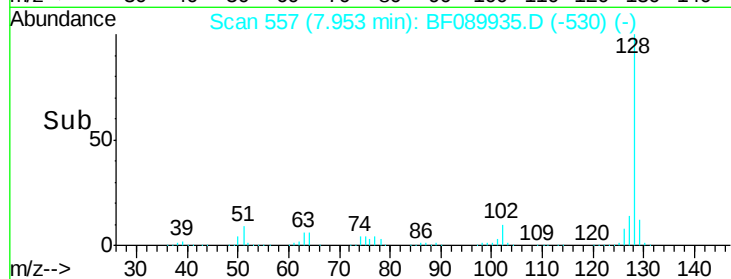
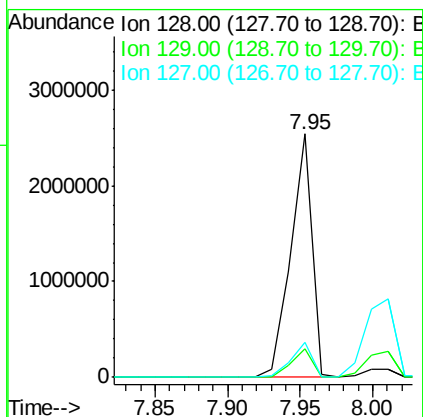
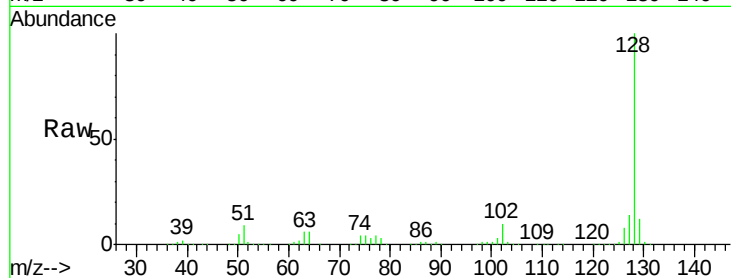




#31
Naphthalene
Concen: 64.69 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

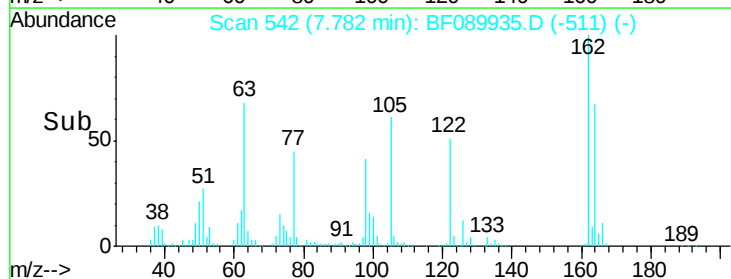
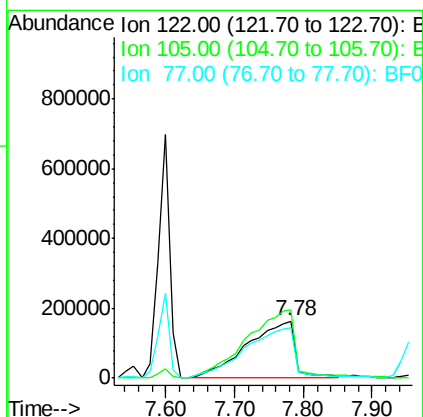
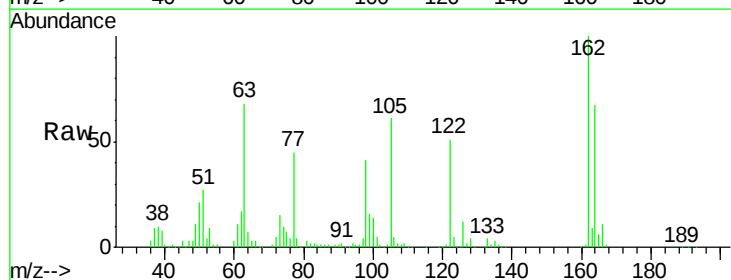
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

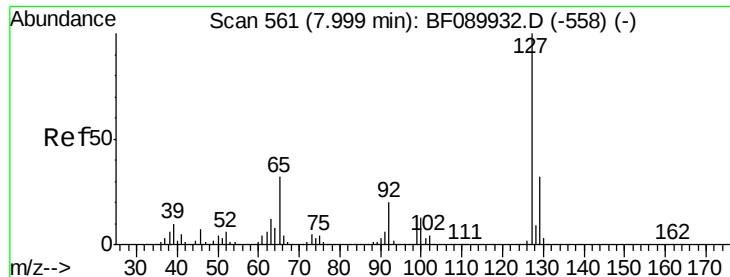
Tgt Ion:128 Resp: 2582100
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.2 10.7 16.1



#32
Benzoic acid
Concen: 90.74 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.06 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:122 Resp: 782178
Ion Ratio Lower Upper
122 100
105 118.9 102.2 142.2
77 87.9 74.1 114.1

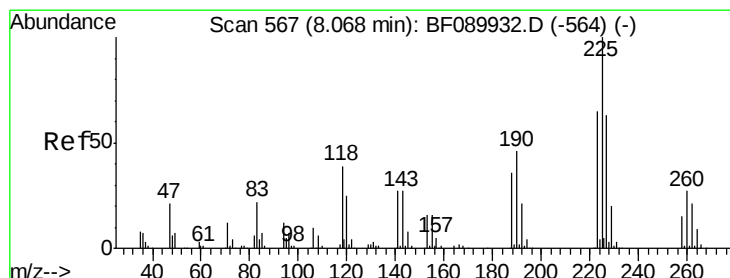
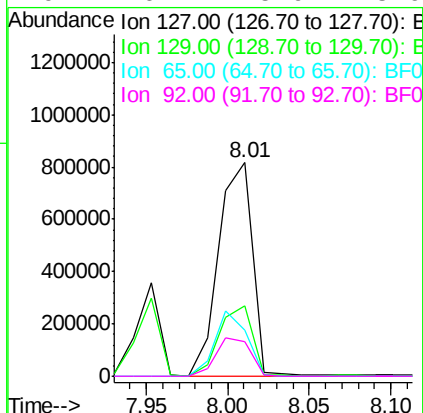
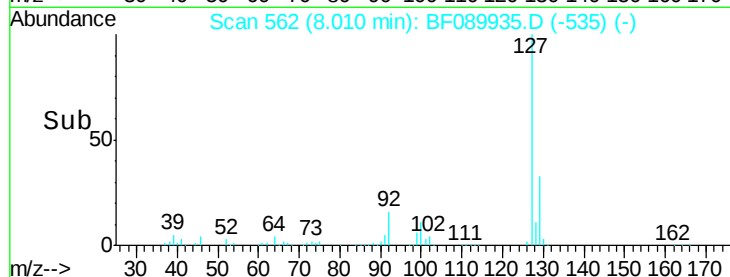
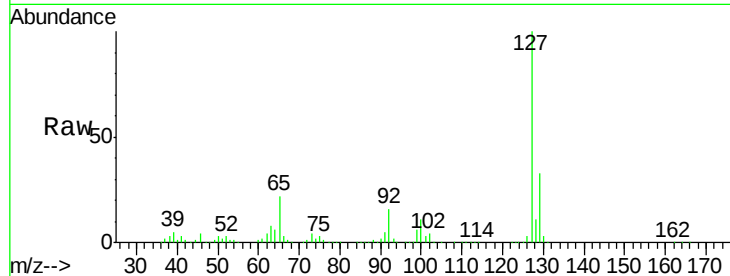




#33
4-Chloroaniline
Concen: 72.51 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

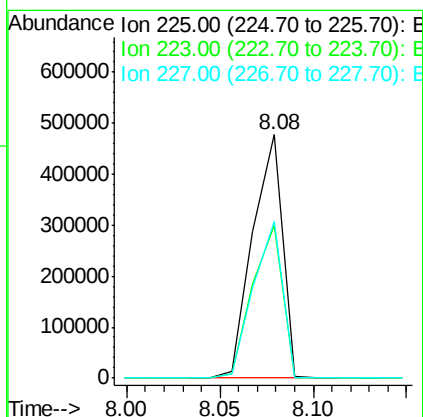
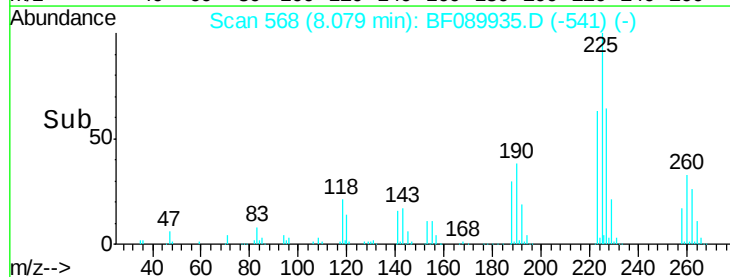
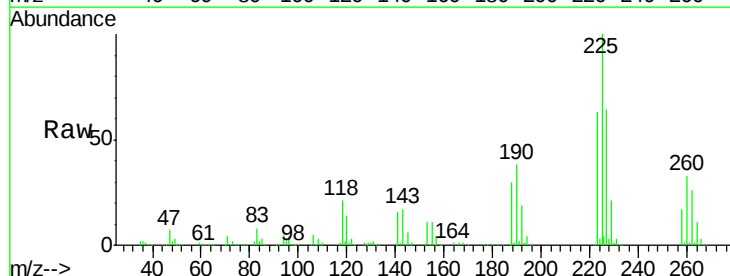
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

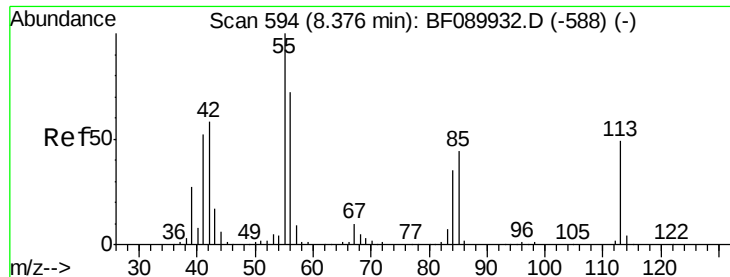
Tgt Ion:	127	Resp:	1160987
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	21.7	26.0	39.0#
92	16.1	15.9	23.9



#34
Hexachlorobutadiene
Concen: 72.04 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:	225	Resp:	535934
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.6	78.8
227	64.1	50.8	76.2

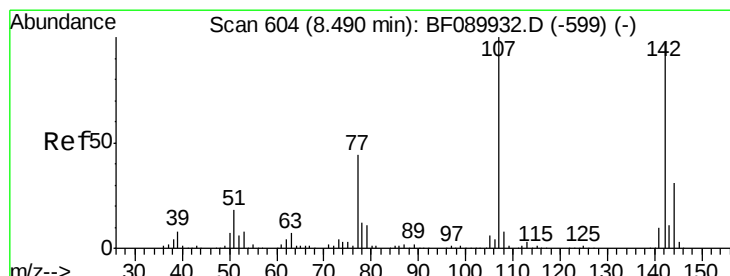
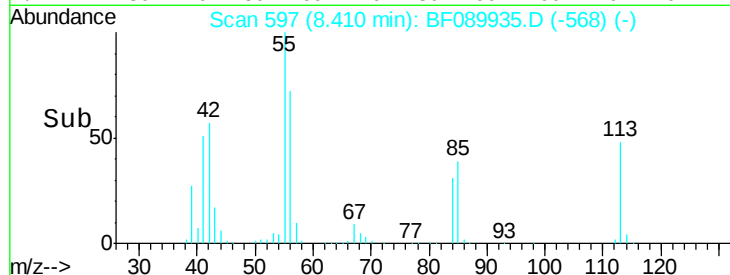
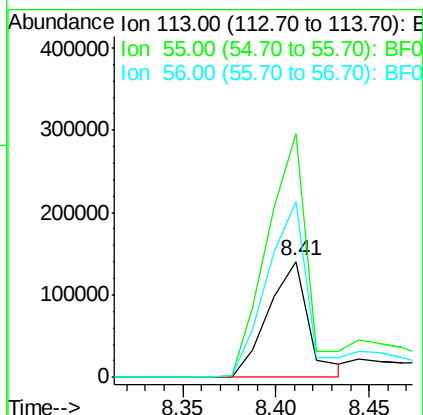
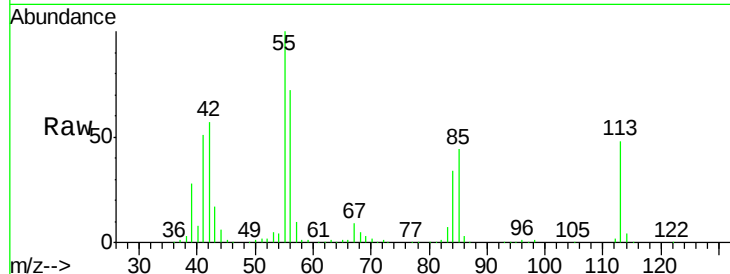




#35
Caprolactam
Concen: 58.10 ng
RT: 8.41 min Scan# 597
Delta R.T. 0.03 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

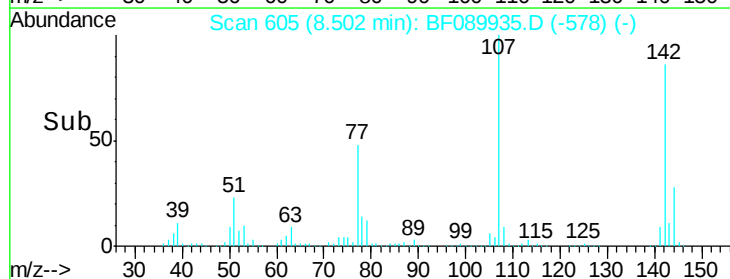
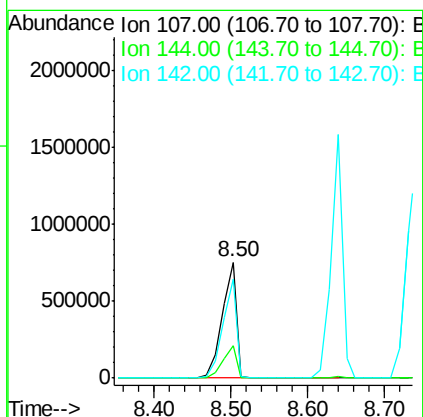
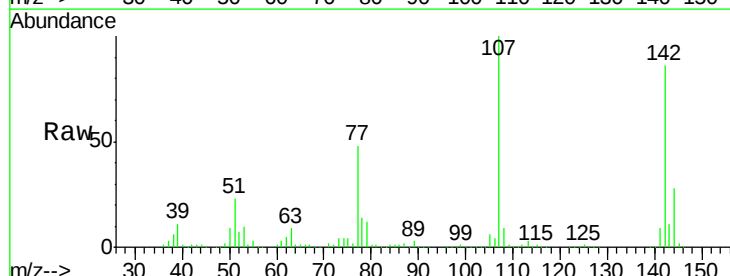
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

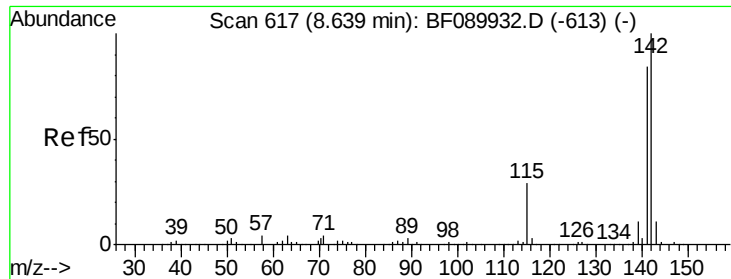
Tgt Ion:113 Resp: 212177
Ion Ratio Lower Upper
113 100
55 209.5 178.5 218.5
56 151.3 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 81.05 ng
RT: 8.50 min Scan# 605
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:107 Resp: 981148
Ion Ratio Lower Upper
107 100
144 27.9 25.8 38.8
142 85.7 79.2 118.8

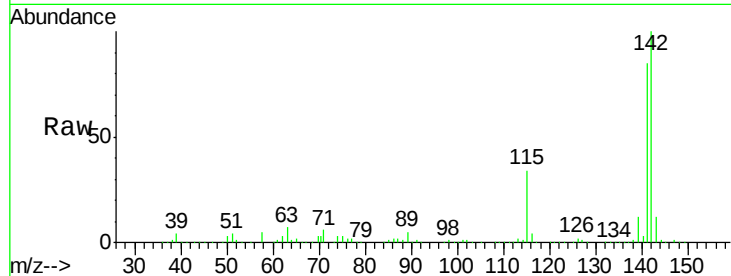




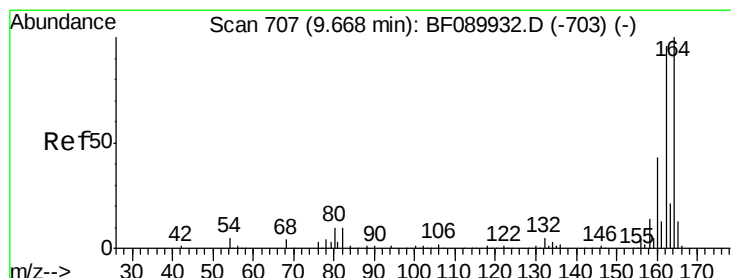
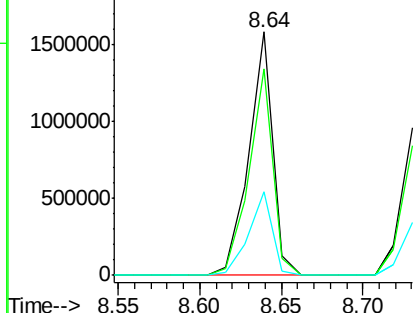
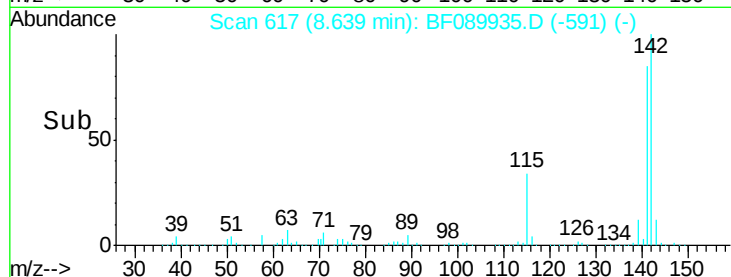
#37
 2-Methylnaphthalene
 Concen: 61.23 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:142 Resp: 1606835
 Ion Ratio Lower Upper
 142 100
 141 84.8 68.3 102.5
 115 34.4 23.8 35.8

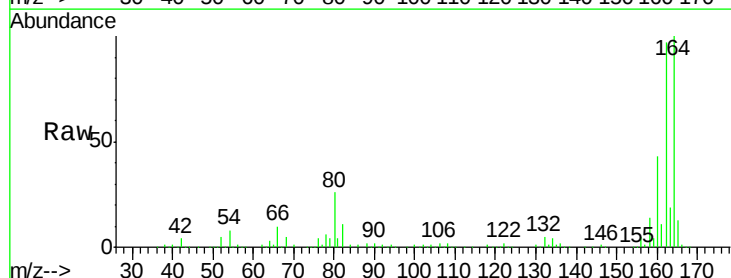


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

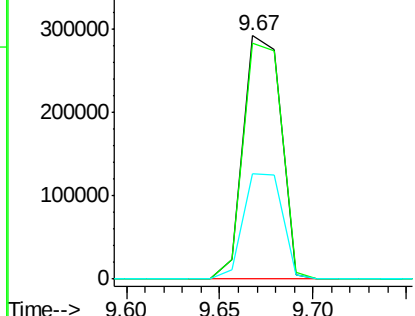
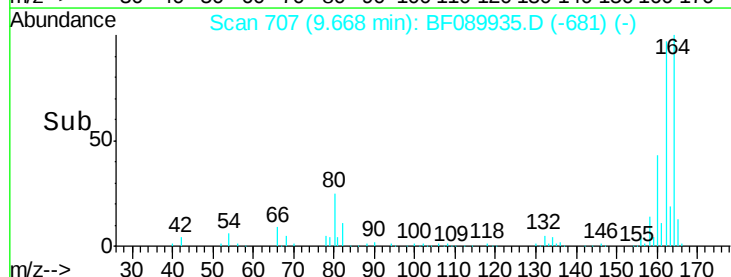


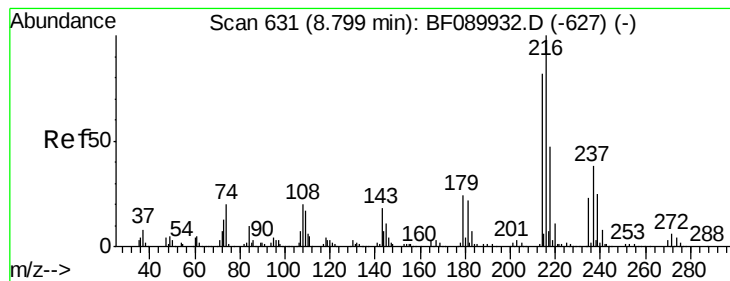
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion:164 Resp: 408788
 Ion Ratio Lower Upper
 164 100
 162 97.1 77.1 115.7
 160 43.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 71.71 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:216 Resp: 865864

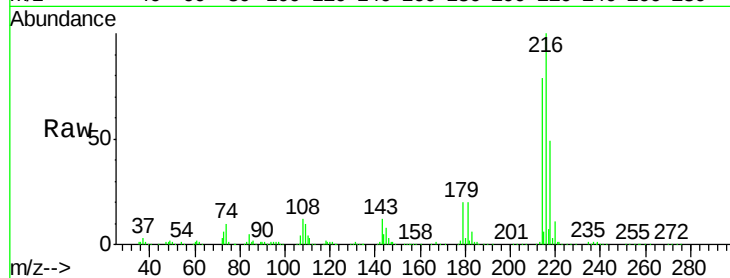
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 21.2 17.3 25.9

108 16.9 15.5 23.3

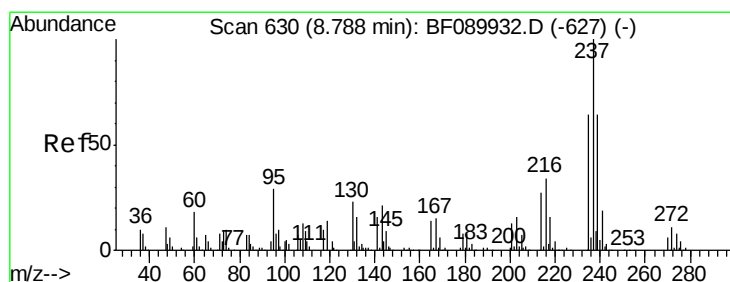
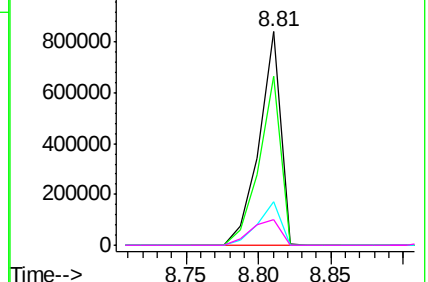
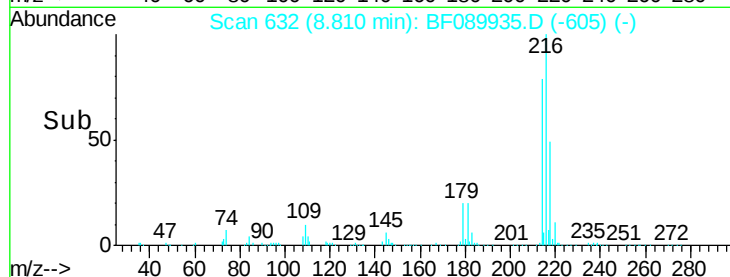


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.91 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

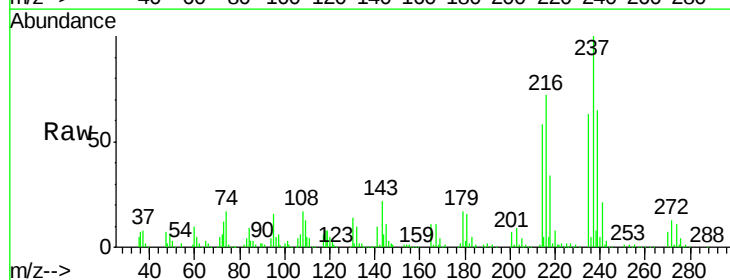
Tgt Ion:237 Resp: 494372

Ion Ratio Lower Upper

237 100

235 63.4 39.6 79.6

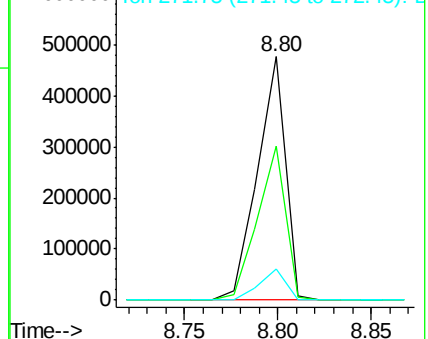
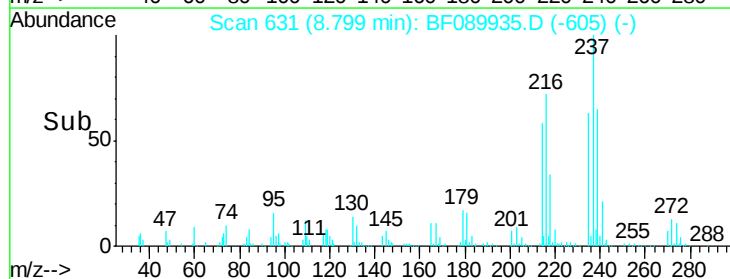
272 13.0 0.0 34.6

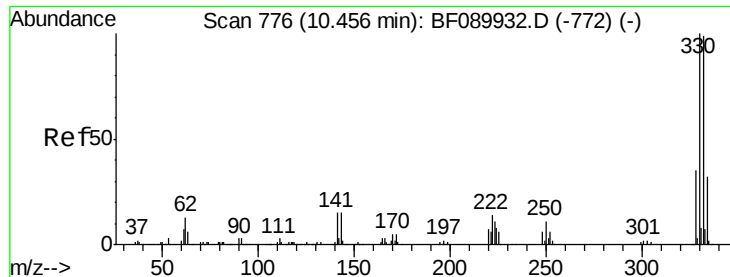


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

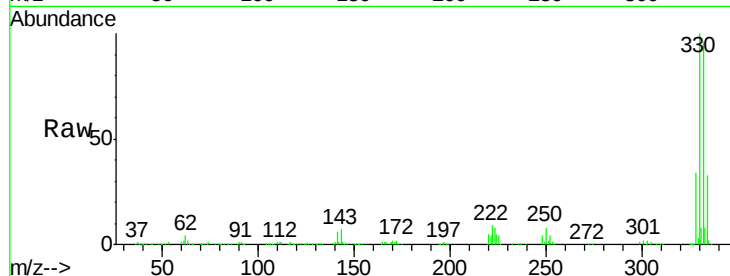




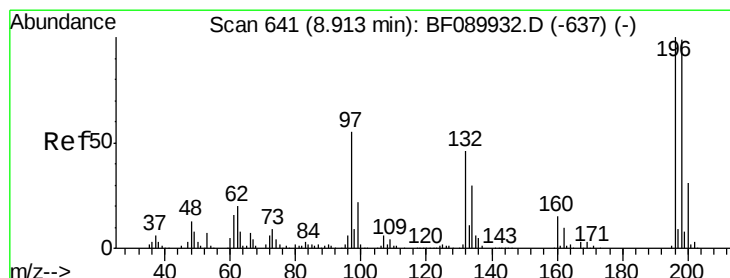
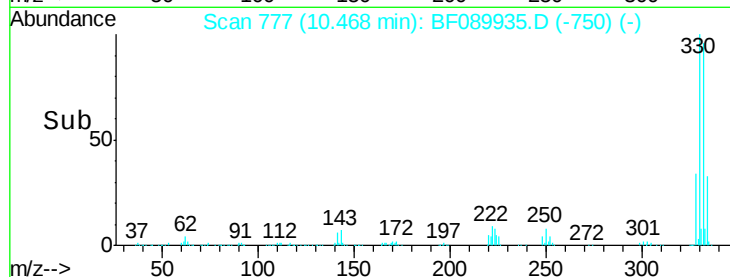
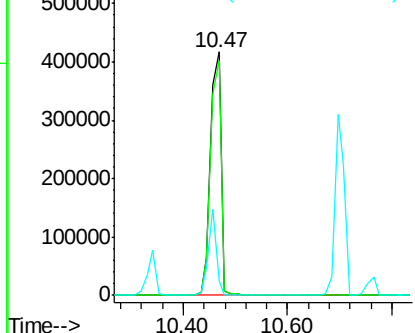
#41
 2,4,6-Tribromophenol
 Concen: 76.85 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:330 Resp: 596802
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.6 117.8
 141 26.6 23.3 34.9

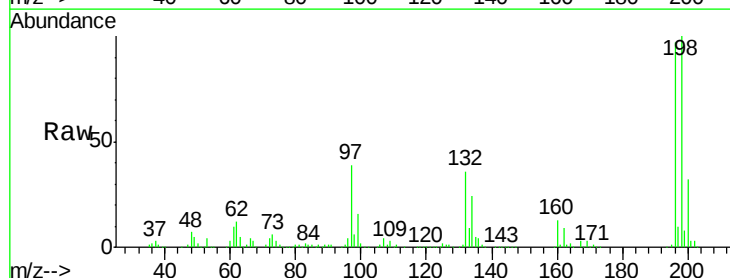


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

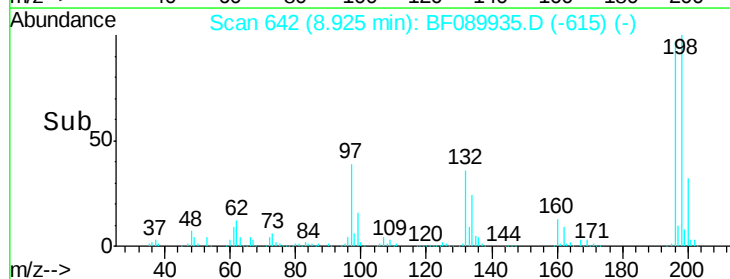
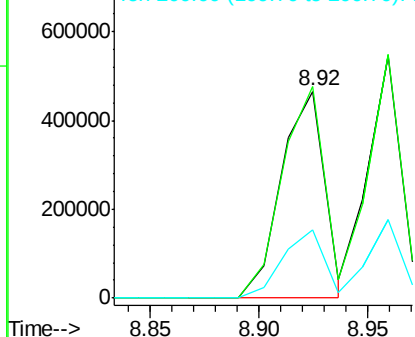


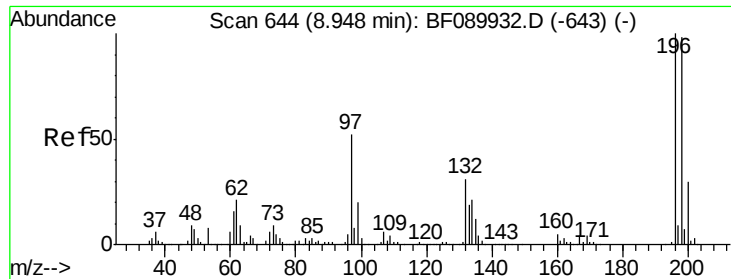
#42
 2,4,6-Trichlorophenol
 Concen: 78.27 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion:196 Resp: 648322
 Ion Ratio Lower Upper
 196 100
 198 102.7 78.3 117.5
 200 33.3 24.8 37.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

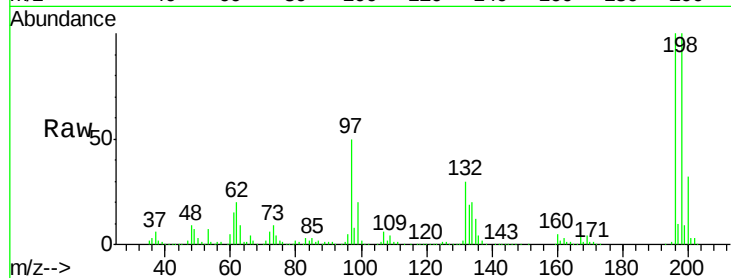




#43
 2,4,5-Trichlorophenol
 Concen: 71.85 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Resp	Lower	Upper
196	588051		
196	100		
198	100.2	80.8	121.2
97	50.5	44.2	66.4
132	30.5	25.8	38.6



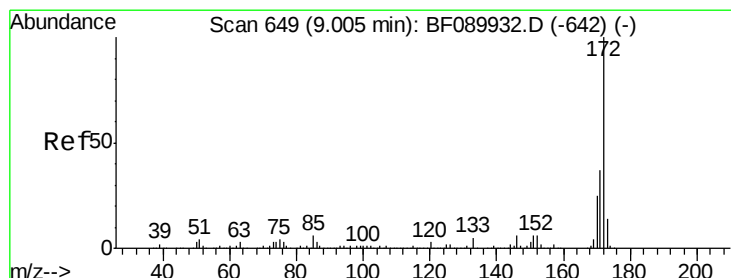
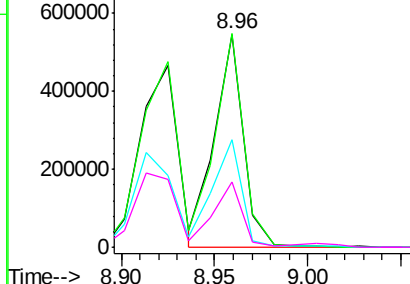
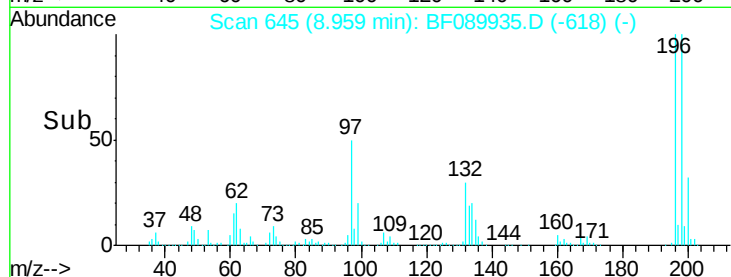
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

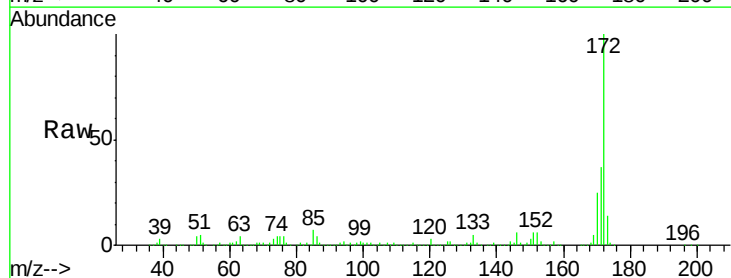
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.20 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion	Resp	Lower	Upper
172	3284119		
172	100		
171	37.3	29.4	44.2
170	25.2	20.1	30.1

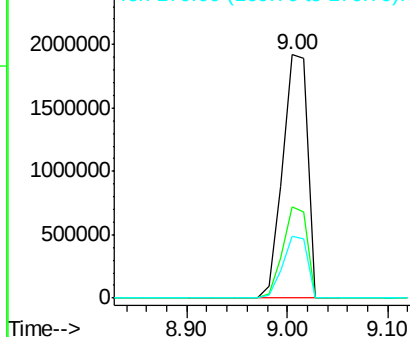
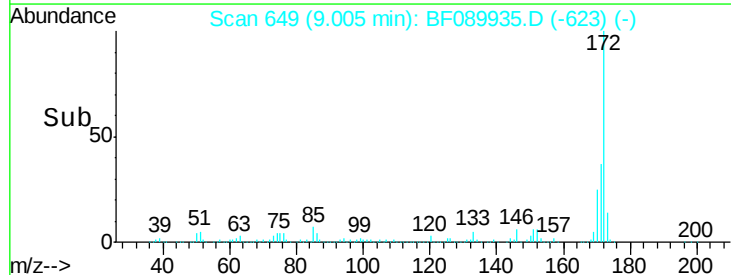


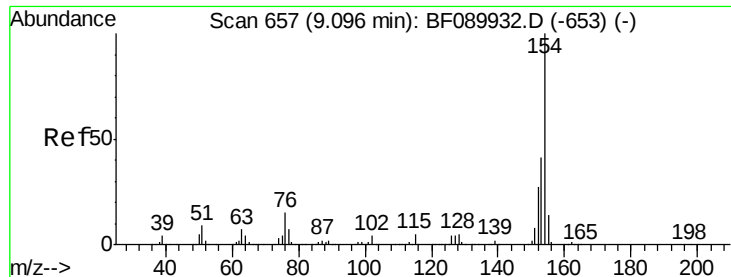
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 59.47 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

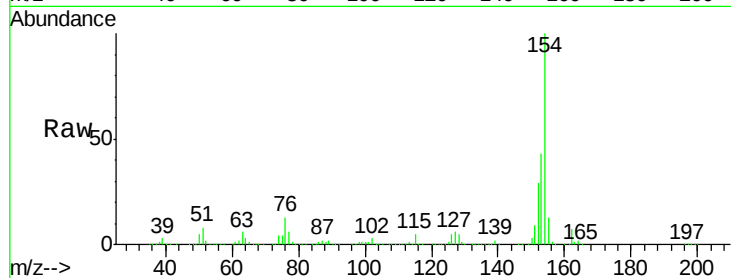
Tgt Ion:154 Resp: 2000263

Ion Ratio Lower Upper

154 100

153 42.5 20.6 60.6

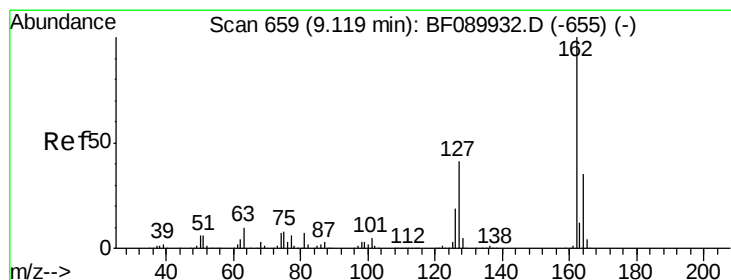
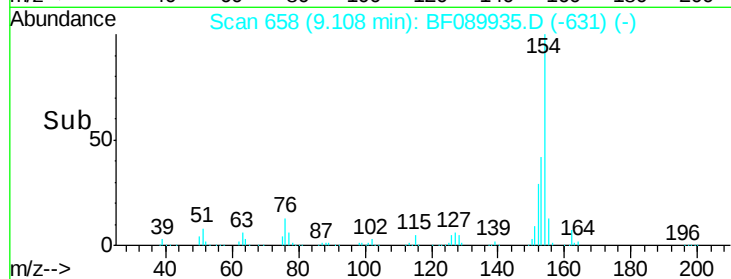
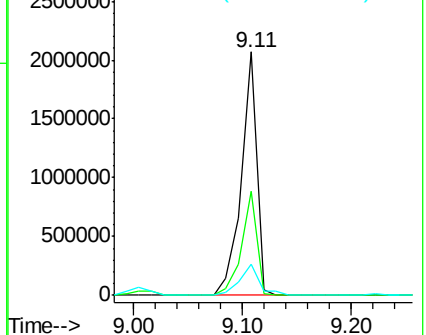
76 12.7 0.0 34.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 74.73 ng

RT: 9.13 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

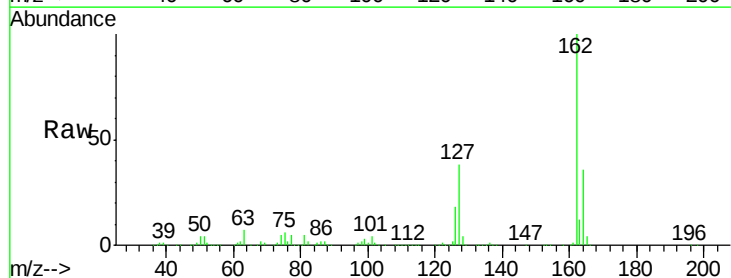
Tgt Ion:162 Resp: 1739613

Ion Ratio Lower Upper

162 100

127 37.9 33.5 50.3

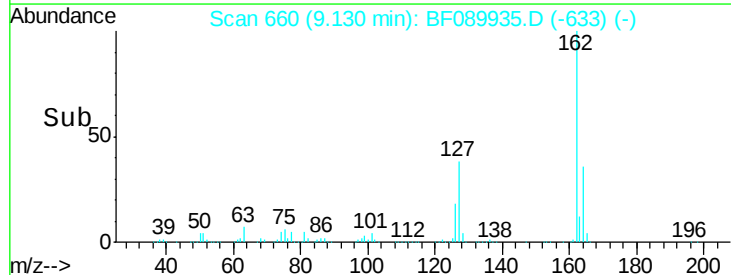
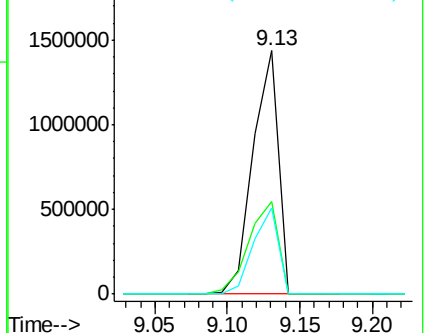
164 35.5 28.2 42.4

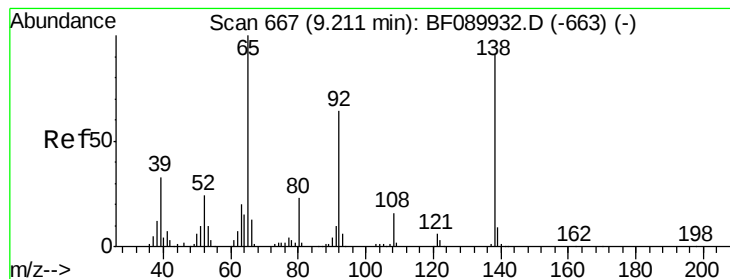


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 69.84 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

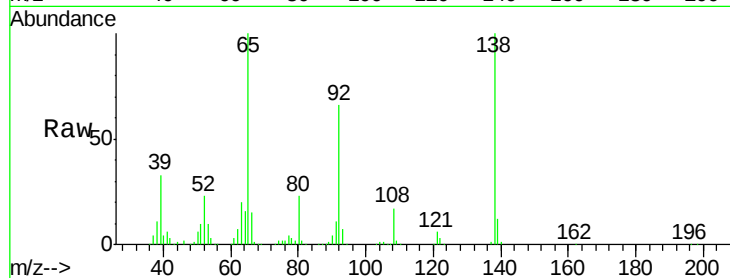
Tgt Ion: 65 Resp: 525723

Ion Ratio Lower Upper

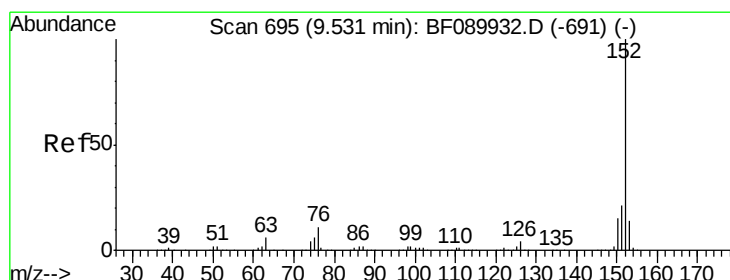
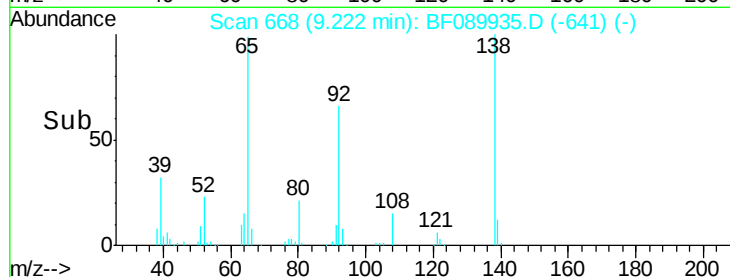
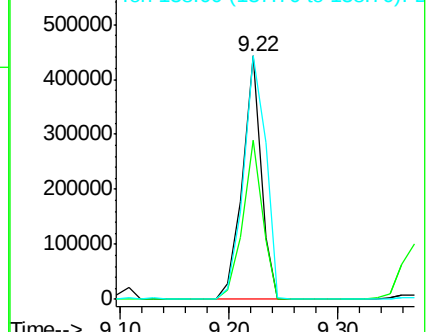
65 100

92 65.6 52.0 78.0

138 99.9 72.1 108.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 71.58 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

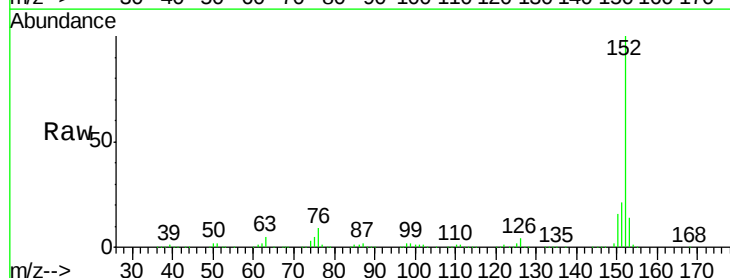
Tgt Ion: 152 Resp: 2741760

Ion Ratio Lower Upper

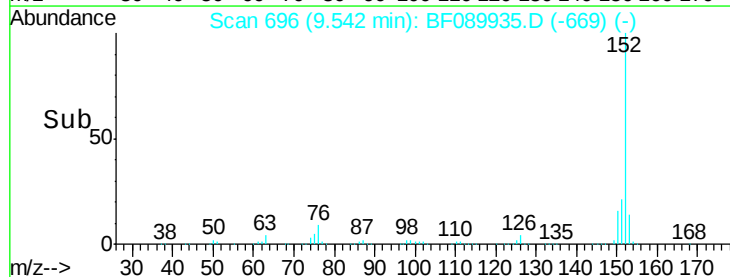
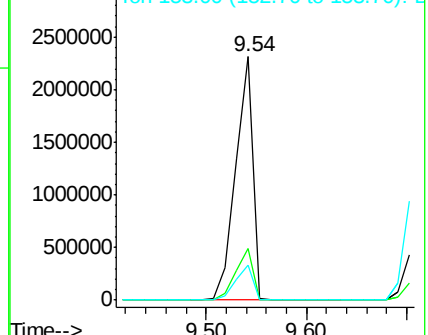
152 100

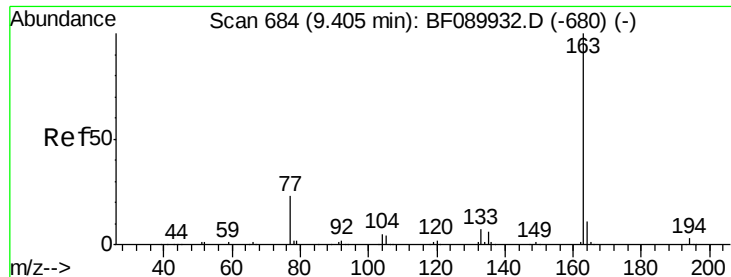
151 21.4 16.7 25.1

153 14.4 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 78.69 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

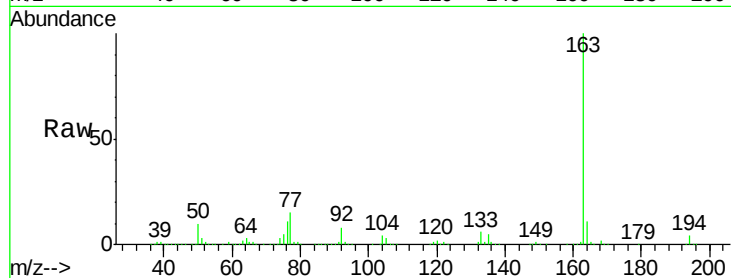
Tgt Ion:163 Resp: 2237923

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

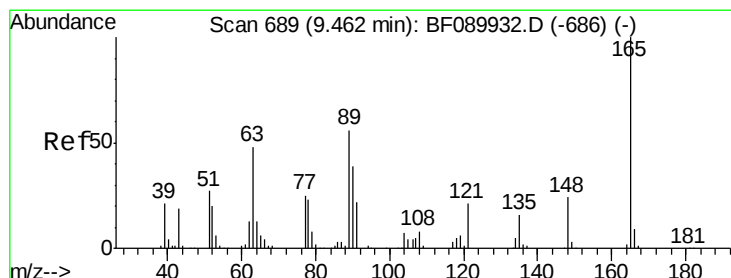
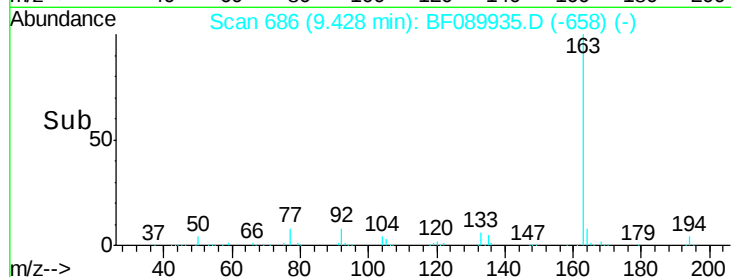
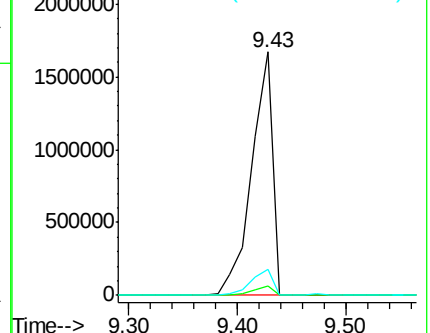
164 10.7 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 69.87 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

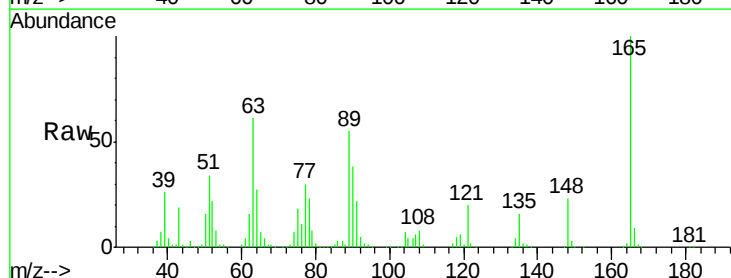
Tgt Ion:165 Resp: 471320

Ion Ratio Lower Upper

165 100

63 60.8 45.0 67.4

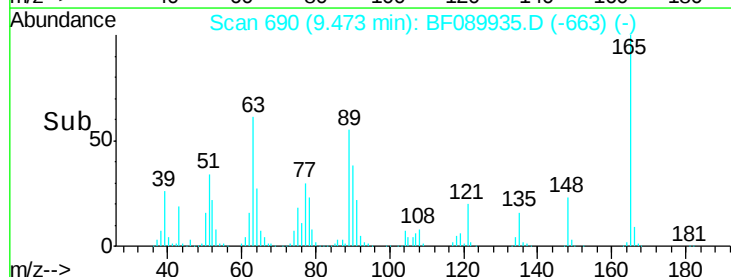
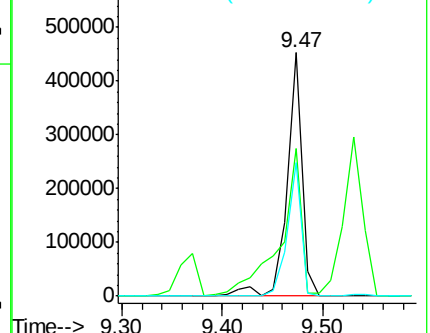
89 54.6 41.5 62.3

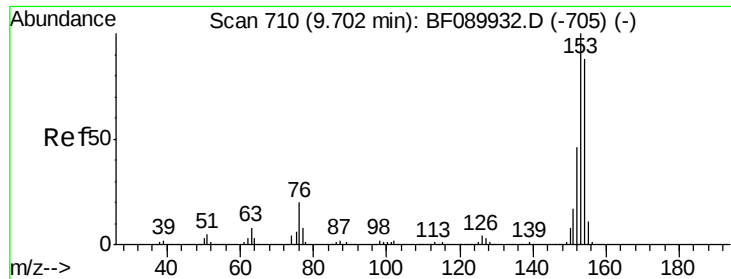


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 73.86 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

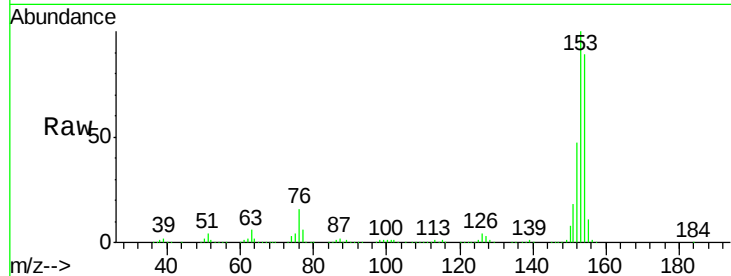
Tgt Ion:154 Resp: 1825314

Ion Ratio Lower Upper

154 100

153 112.2 90.6 135.8

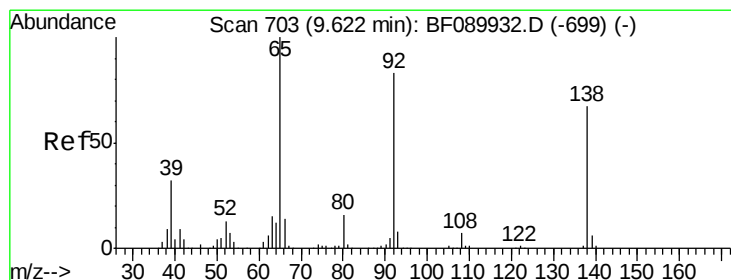
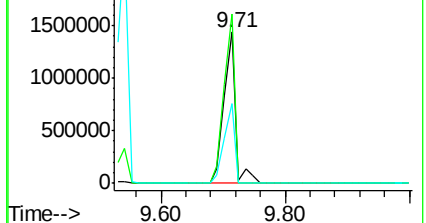
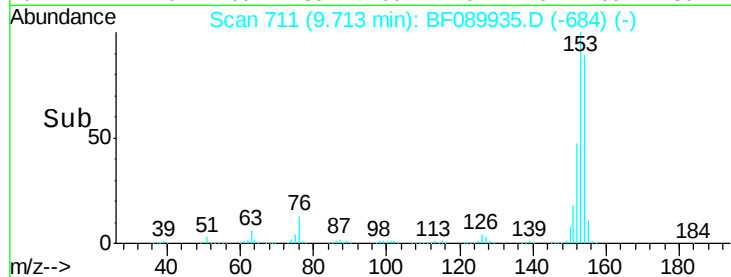
152 52.6 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 88.12 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

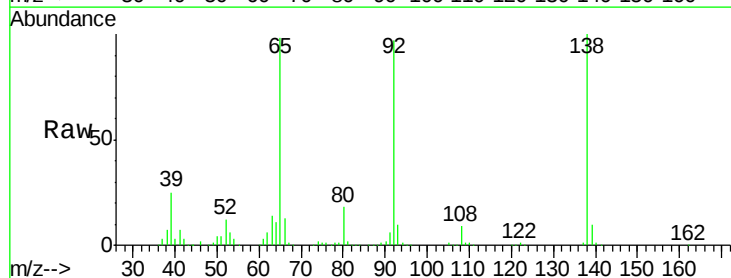
Tgt Ion:138 Resp: 628398

Ion Ratio Lower Upper

138 100

108 8.9 8.3 12.5

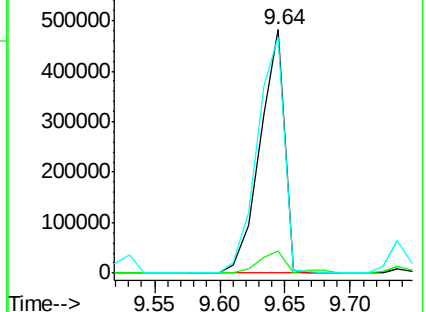
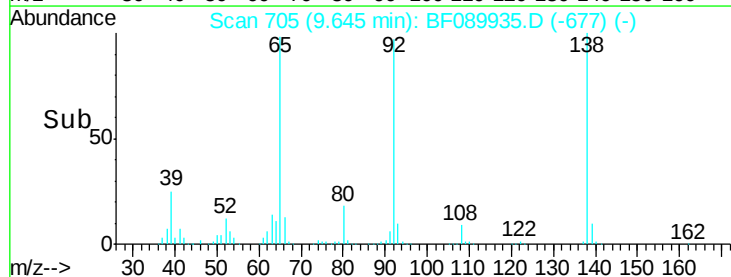
92 96.9 99.1 148.7#

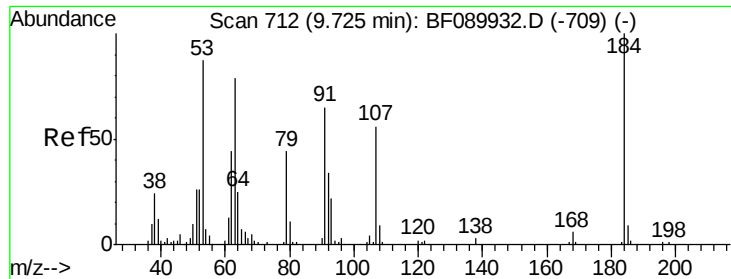


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

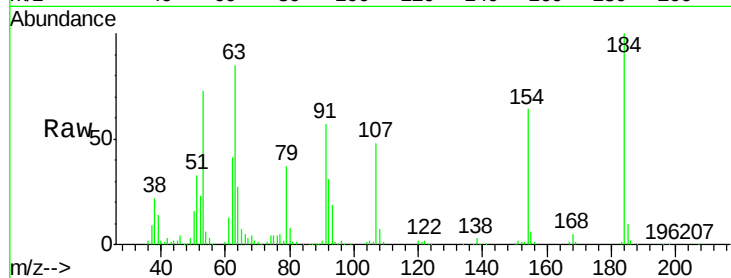




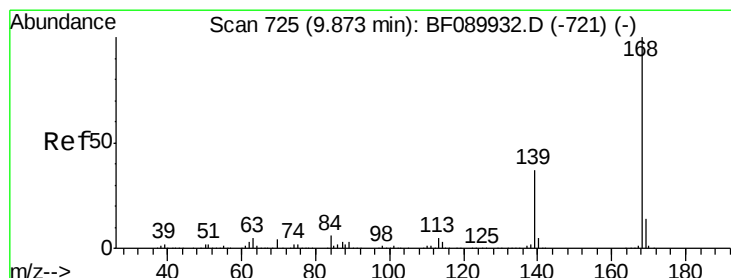
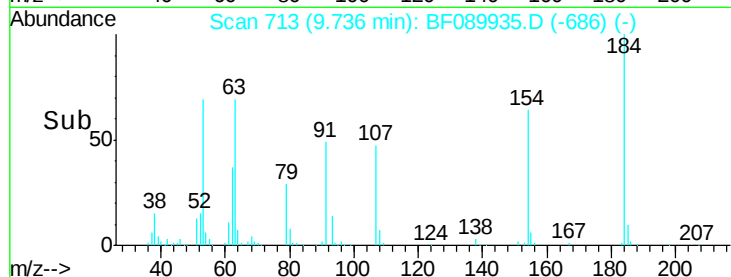
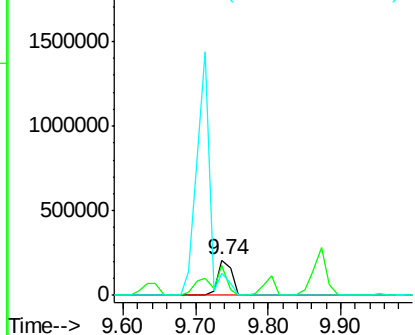
#53
2,4-Dinitrophenol
Concen: 105.45 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:184 Resp: 288256
Ion Ratio Lower Upper
184 100
63 85.1 73.9 110.9
154 64.2 53.5 80.3

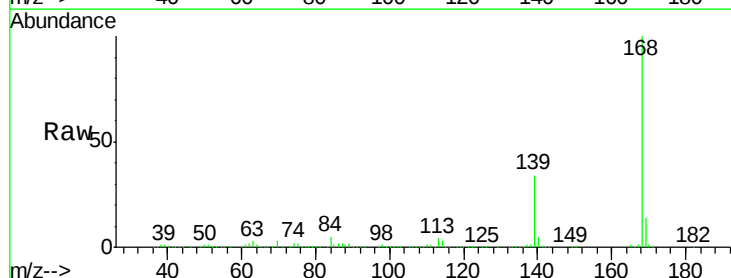


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

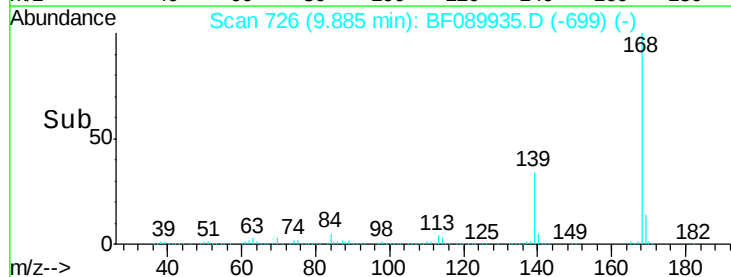
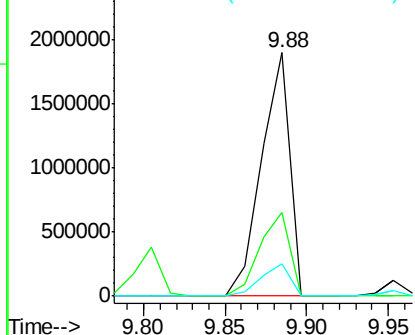


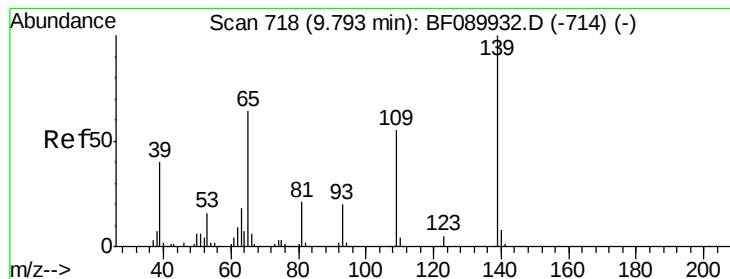
#54
Dibenzofuran
Concen: 71.49 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:168 Resp: 2293479
Ion Ratio Lower Upper
168 100
139 34.3 29.5 44.3
169 13.5 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.54 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

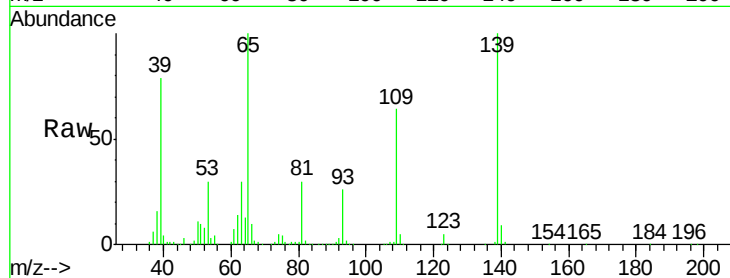
Tgt Ion:139 Resp: 420625

Ion Ratio Lower Upper

139 100

109 63.9 31.3 71.3

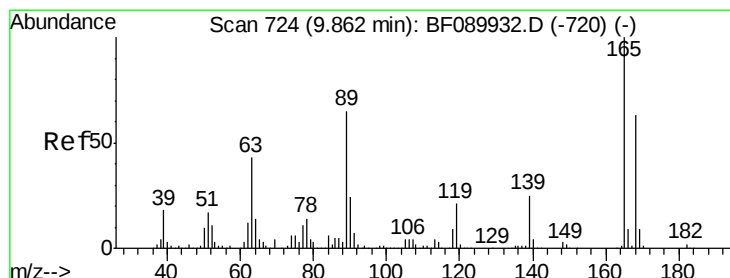
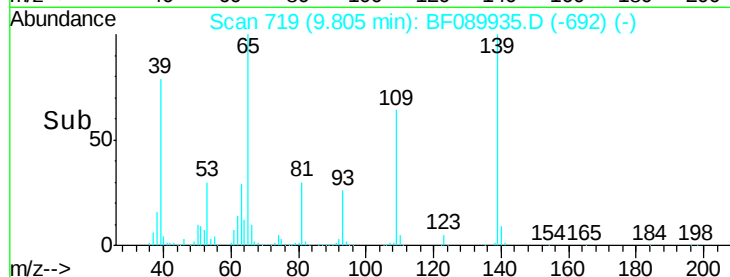
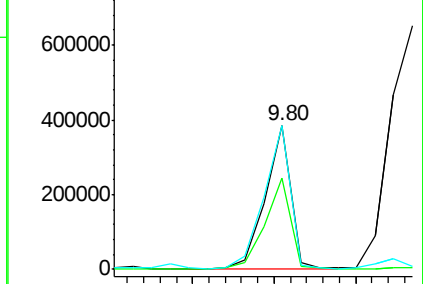
65 100.5 38.5 78.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 64.76 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:165 Resp: 545192

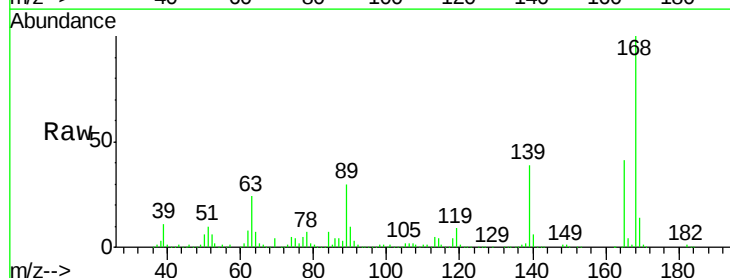
Ion Ratio Lower Upper

165 100

63 58.1 32.5 48.7#

89 73.3 48.3 72.5#

182 2.4 1.7 2.5

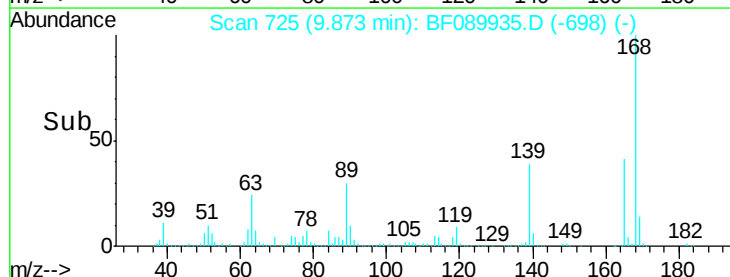
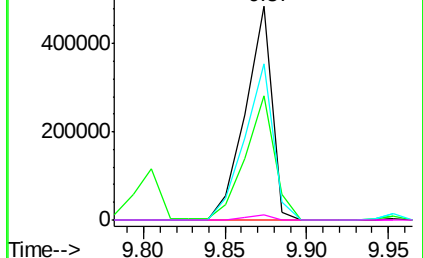


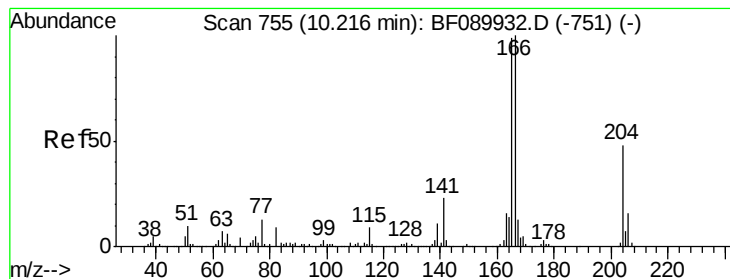
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 59.81 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

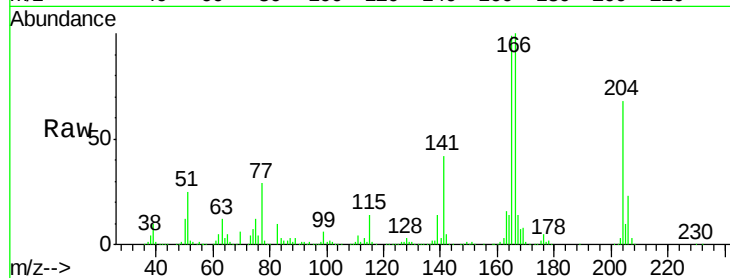
Tgt Ion:166 Resp: 1468659

Ion Ratio Lower Upper

166 100

165 99.2 78.6 118.0

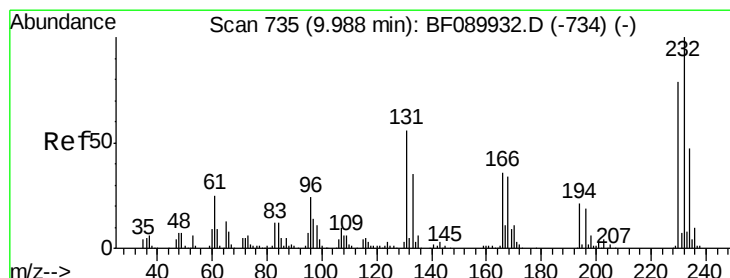
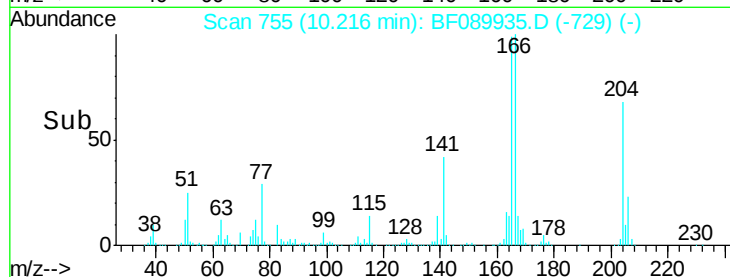
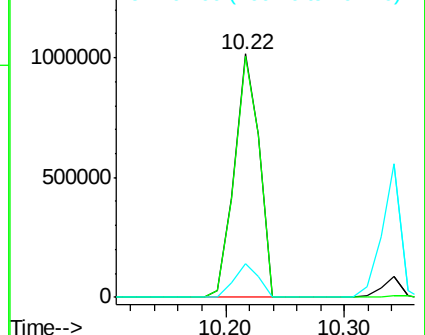
167 14.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 72.23 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion:232 Resp: 494648

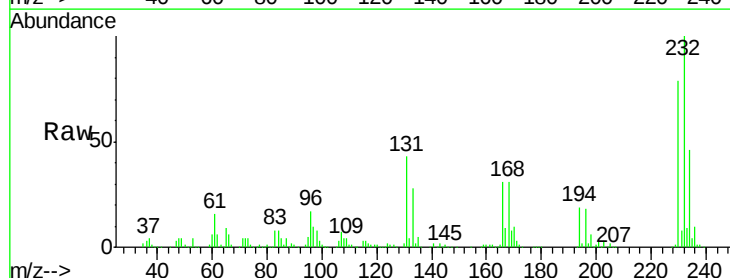
Ion Ratio Lower Upper

232 100

131 46.5 36.3 54.5

130 2.2 1.7 2.5

166 31.8 24.4 36.6

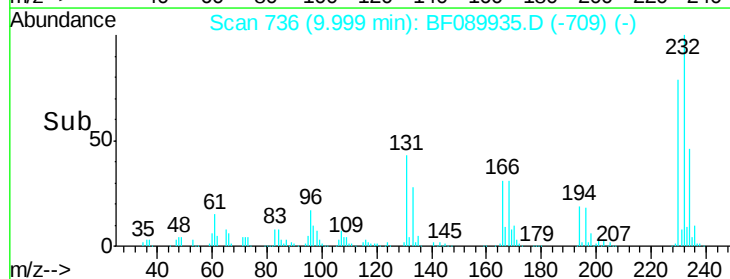
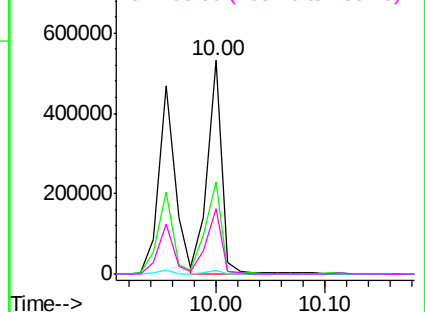


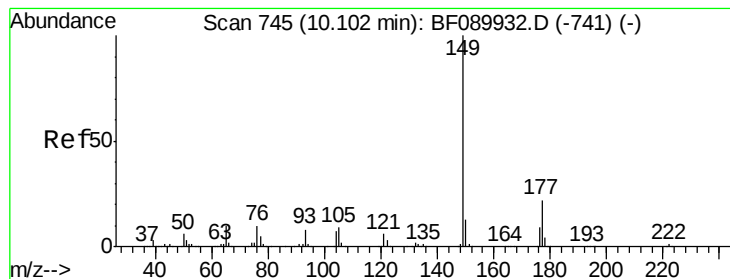
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 65.07 ng

RT: 10.11 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

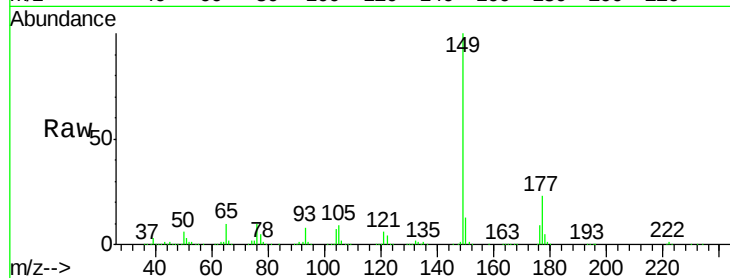
Tgt Ion:149 Resp: 1870363

Ion Ratio Lower Upper

149 100

177 23.0 17.7 26.5

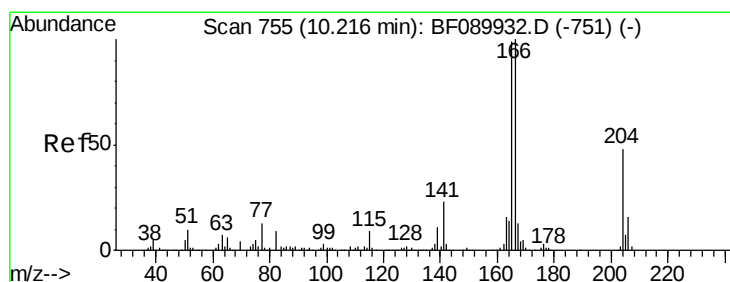
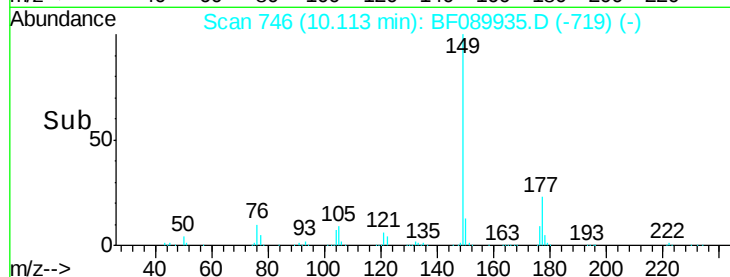
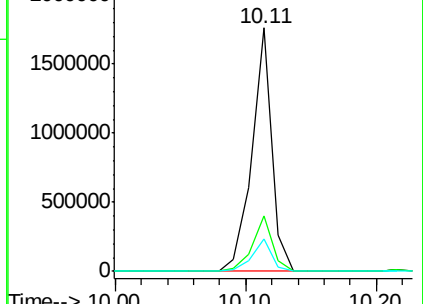
150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.54 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

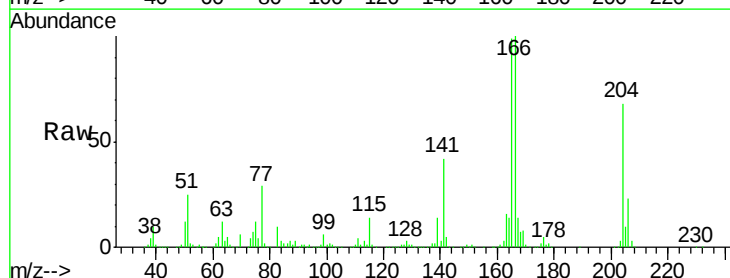
Tgt Ion:204 Resp: 625976

Ion Ratio Lower Upper

204 100

206 33.1 26.6 40.0

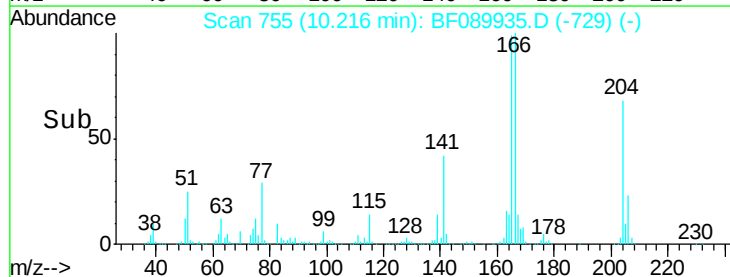
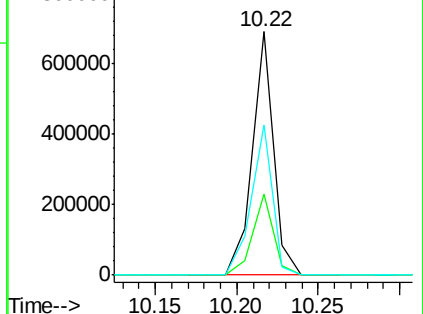
141 61.6 36.5 54.7#

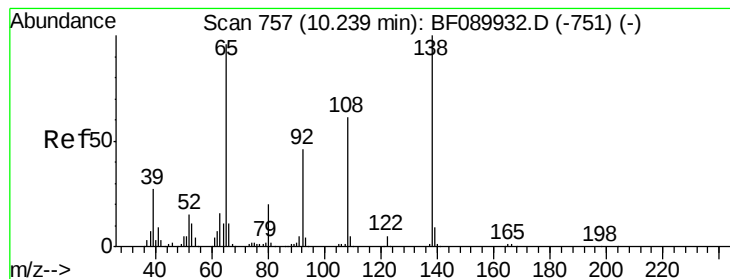


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 82.62 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

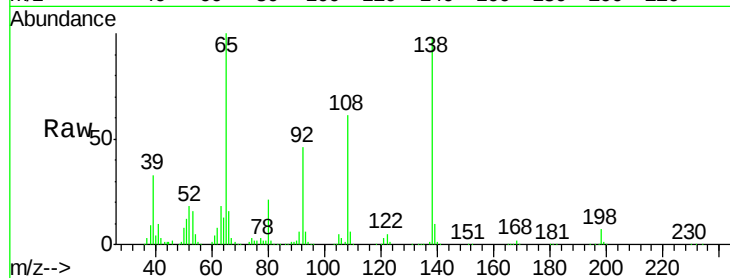
Tgt Ion:138 Resp: 588830

Ion Ratio Lower Upper

138 100

92 47.3 21.2 61.2

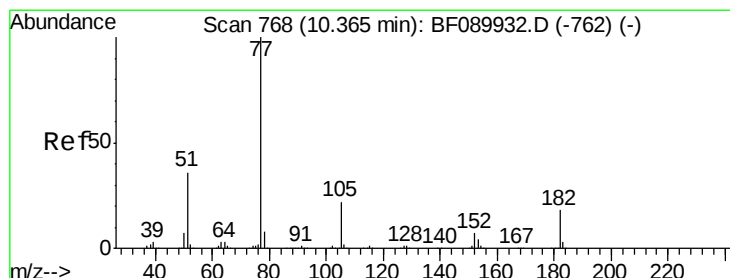
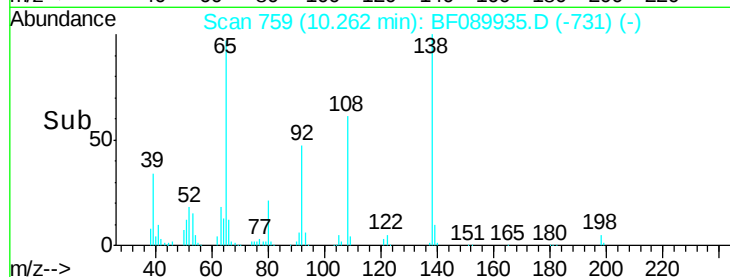
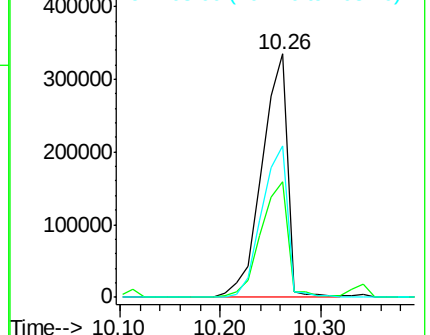
108 62.3 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 69.91 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Tgt Ion: 77 Resp: 1943305

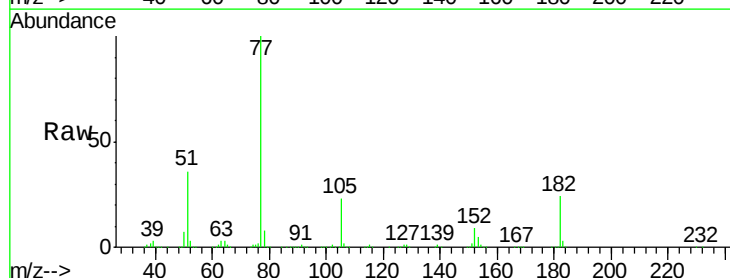
Ion Ratio Lower Upper

77 100

182 23.9 0.0 38.6

105 23.5 2.3 42.3

51 36.2 15.1 55.1

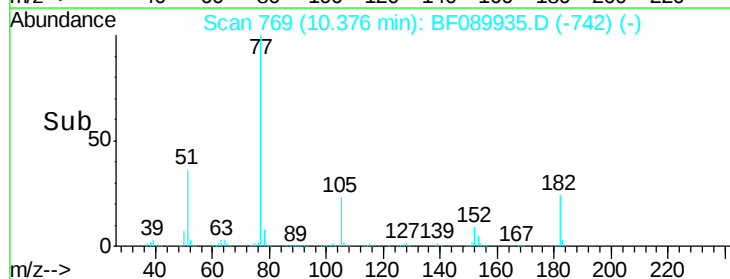
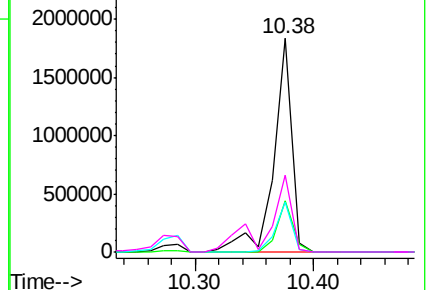


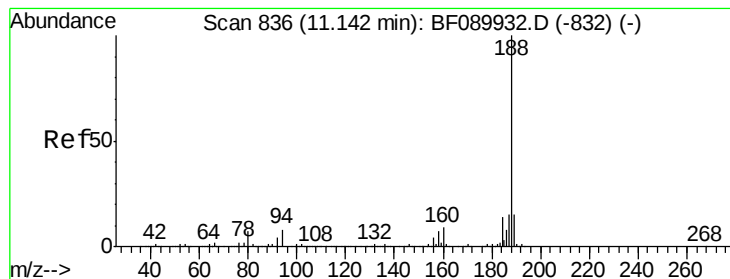
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

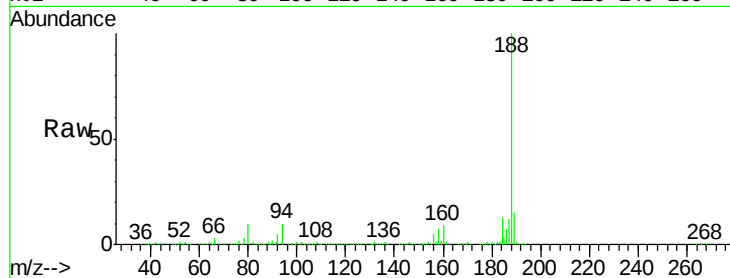
Tgt Ion:188 Resp: 791504

Ion Ratio Lower Upper

188 100

94 9.6 5.9 8.9#

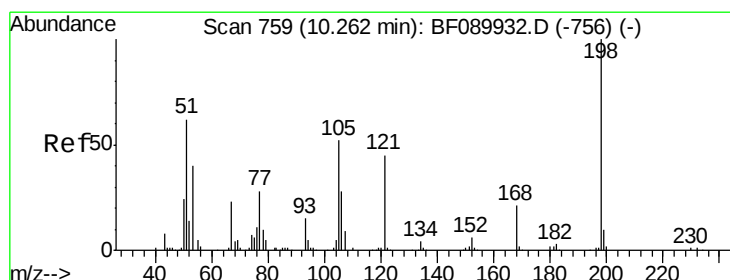
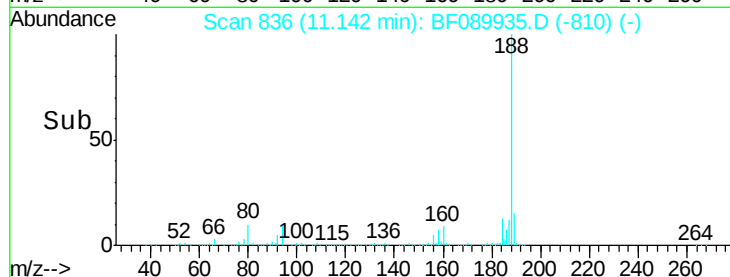
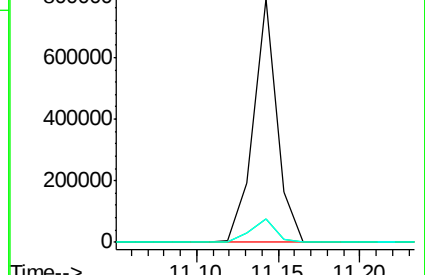
80 9.7 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 96.53 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.02 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

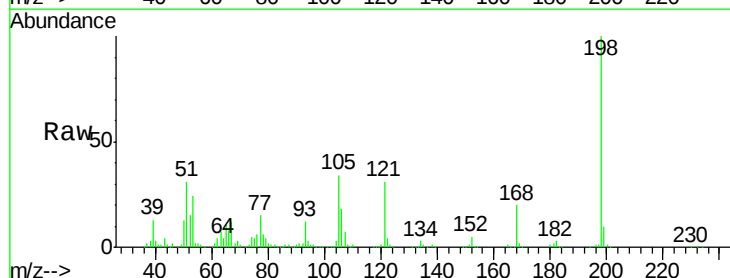
Tgt Ion:198 Resp: 463700

Ion Ratio Lower Upper

198 100

51 31.5 43.0 83.0#

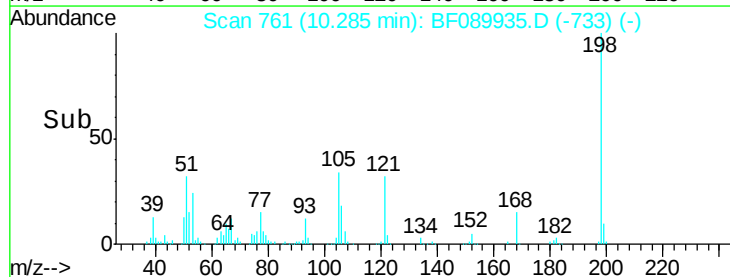
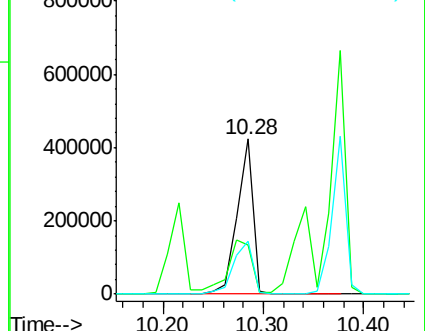
105 34.0 30.3 70.3

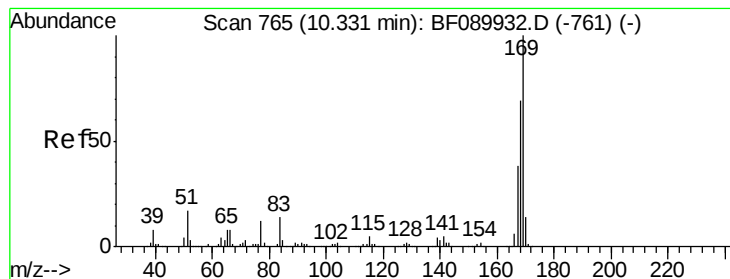


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 65.35 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

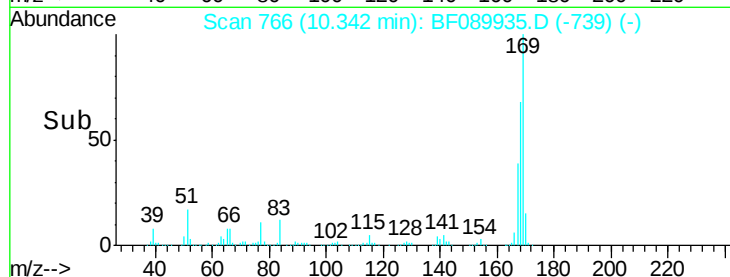
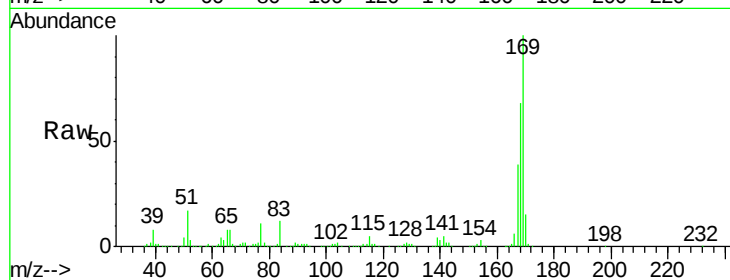
Tgt Ion:169 Resp: 1581661

Ion Ratio Lower Upper

169 100

168 68.0 55.0 82.4

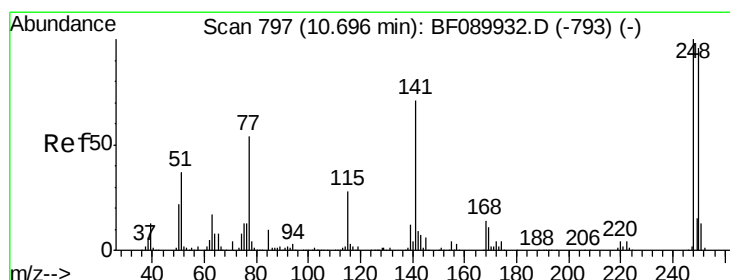
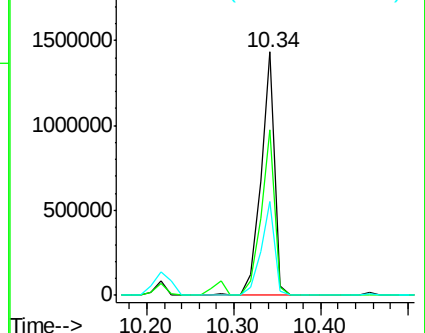
167 38.7 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 76.48 ng

RT: 10.71 min Scan# 798

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

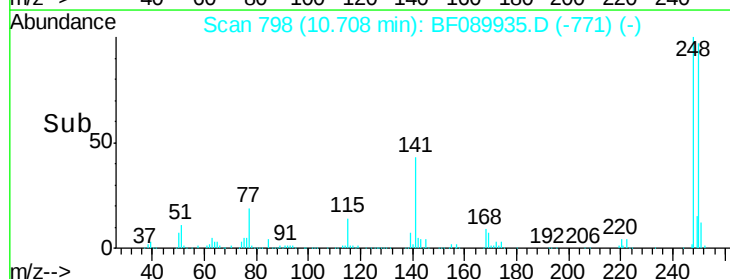
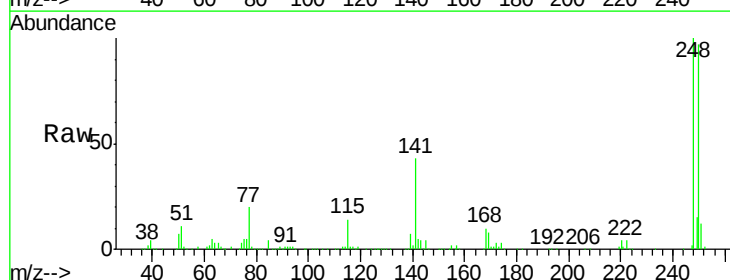
Tgt Ion:248 Resp: 609812

Ion Ratio Lower Upper

248 100

250 97.1 77.3 115.9

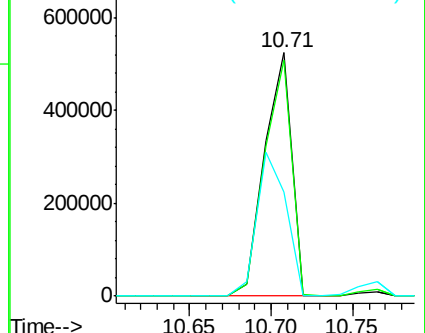
141 42.6 55.8 83.8#

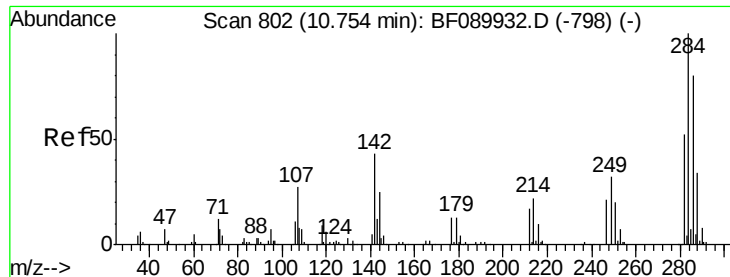


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

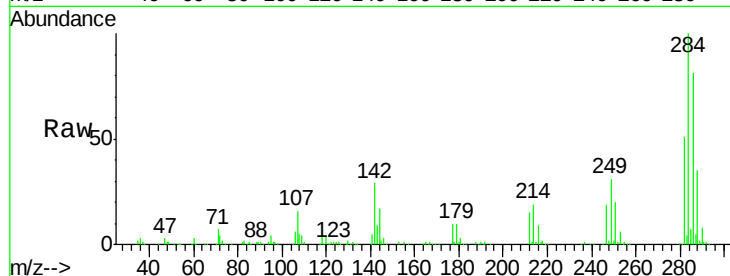




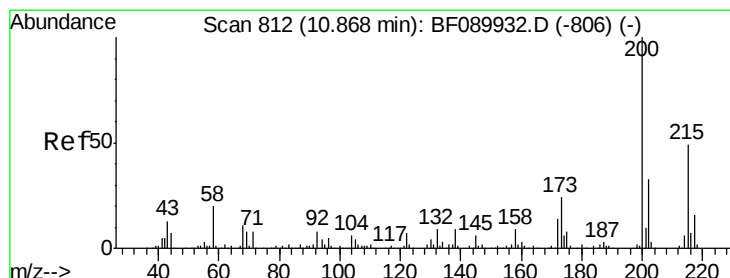
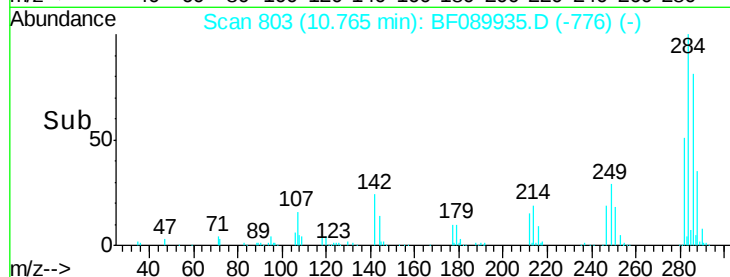
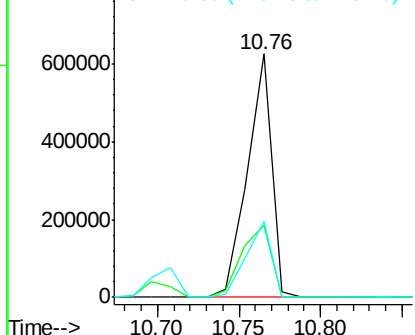
#67
Hexachlorobenzene
Concen: 69.42 ng
RT: 10.76 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:284 Resp: 643755
Ion Ratio Lower Upper
284 100
142 29.5 32.7 49.1#
249 31.0 26.9 40.3

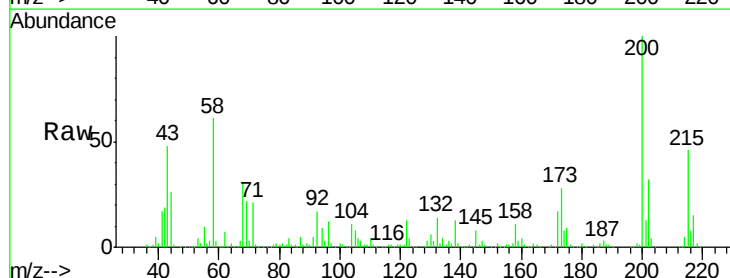


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

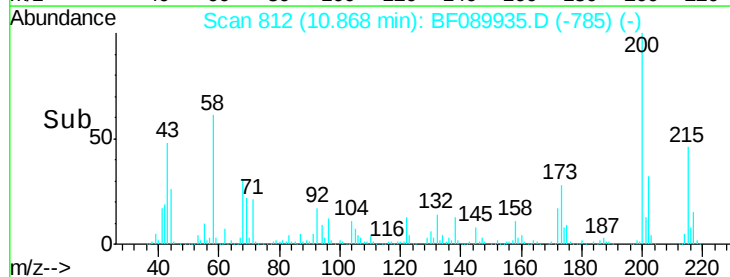
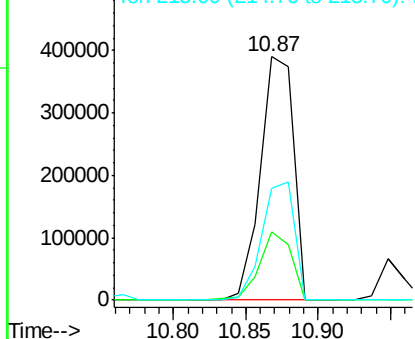


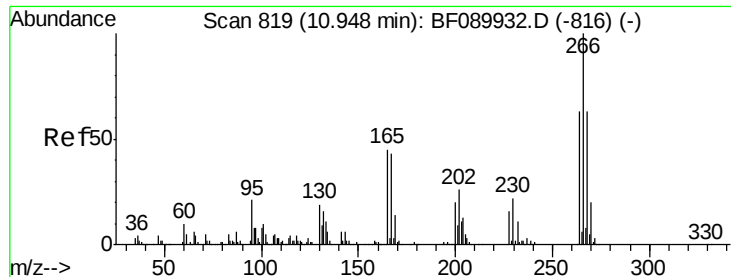
#68
Atrazine
Concen: 80.46 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:200 Resp: 616802
Ion Ratio Lower Upper
200 100
173 28.0 9.4 49.4
215 45.7 24.5 64.5



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

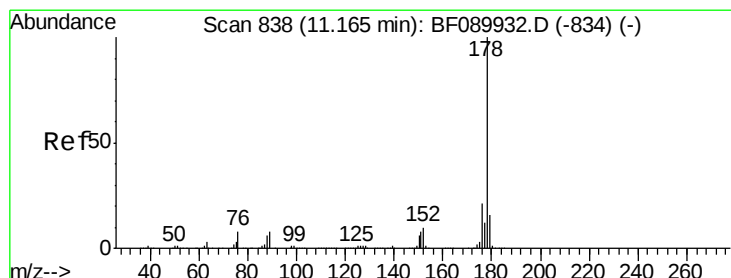
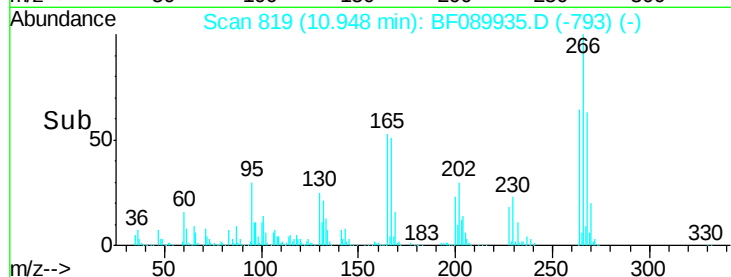
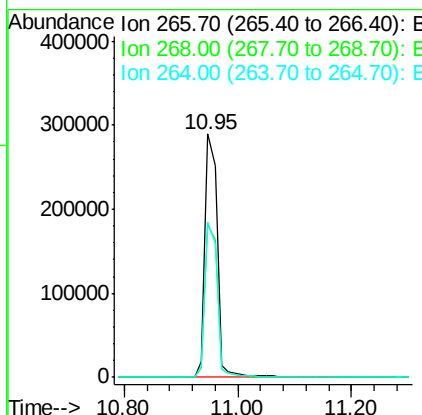
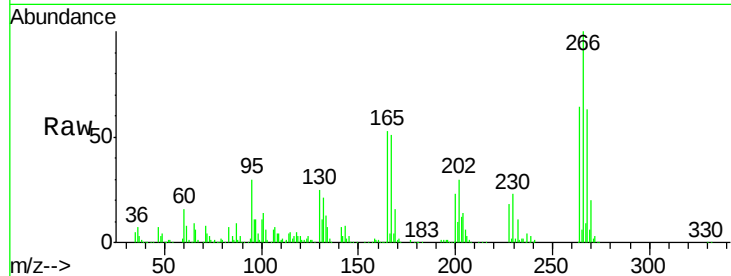




#69
 Pentachlorophenol
 Concen: 86.75 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

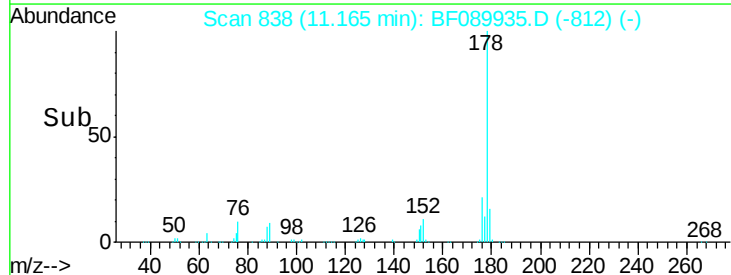
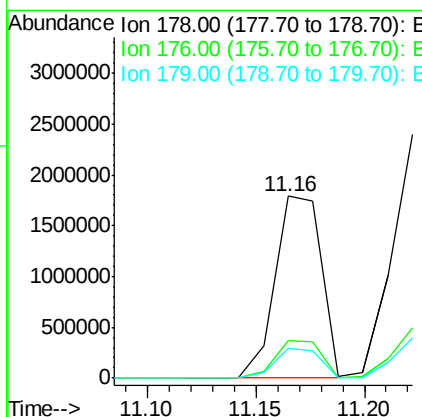
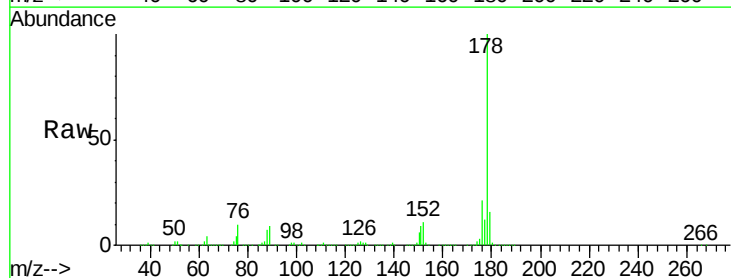
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

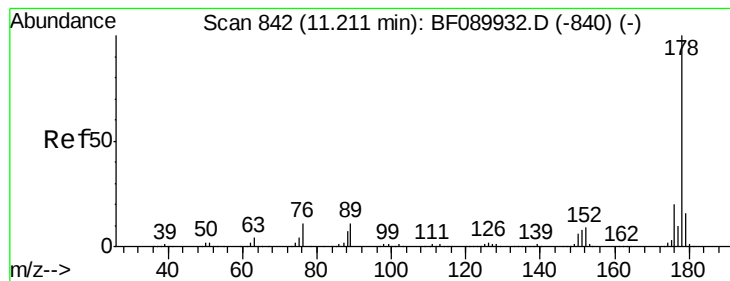
Tgt Ion:266 Resp: 416124
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.0 76.6
 264 63.7 50.6 75.8



#70
 Phenanthrene
 Concen: 69.11 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion:178 Resp: 2657998
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.5 24.7
 179 16.4 12.8 19.2





#71

Anthracene

Concen: 61.22 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

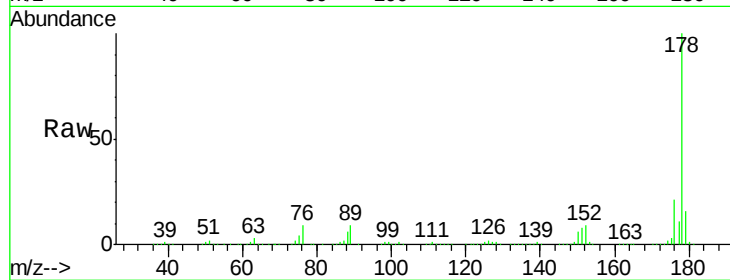
Tgt Ion:178 Resp: 2479937

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.8

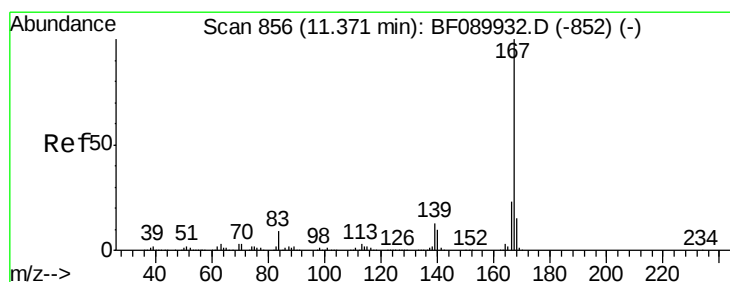
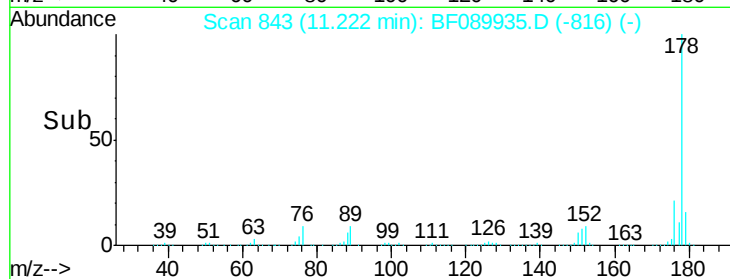
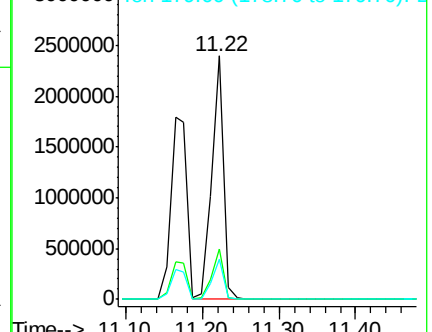
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 75.14 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

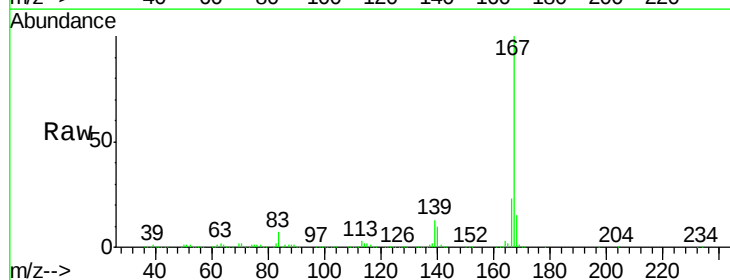
Tgt Ion:167 Resp: 2782642

Ion Ratio Lower Upper

167 100

166 23.2 18.1 27.1

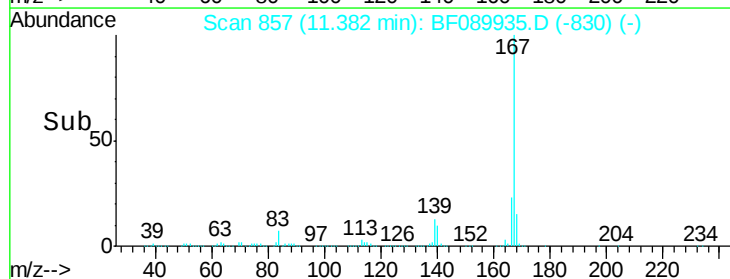
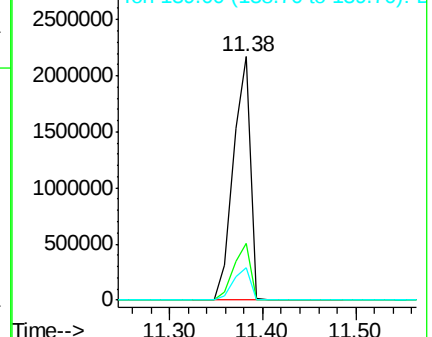
139 13.1 10.4 15.6

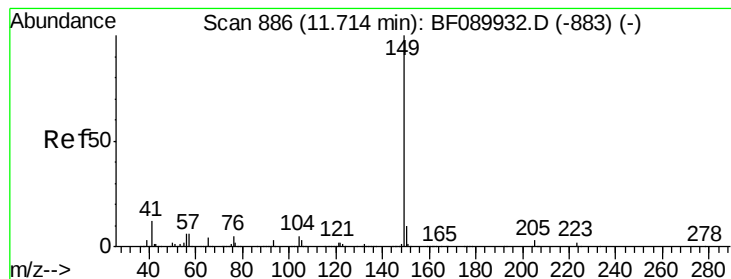


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 68.35 ng

RT: 11.73 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

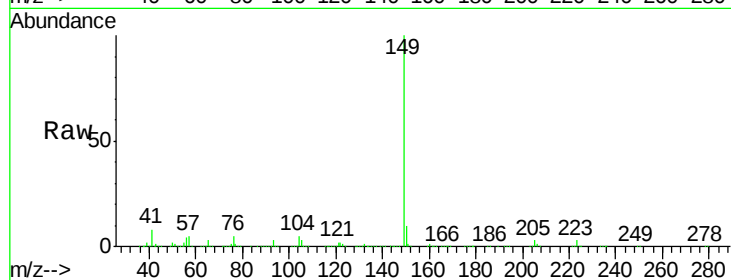
Tgt Ion:149 Resp: 3072711

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

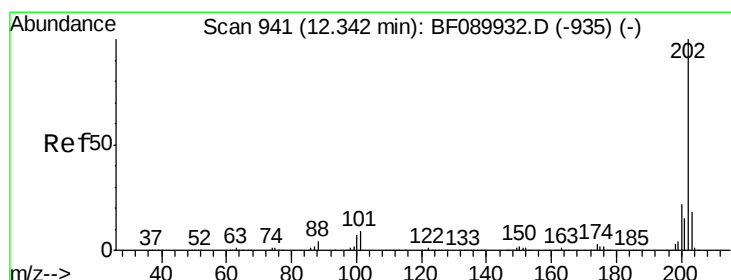
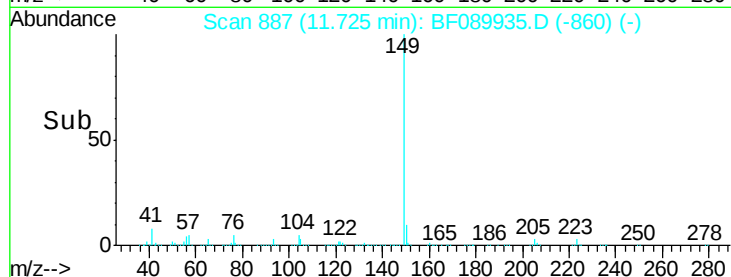
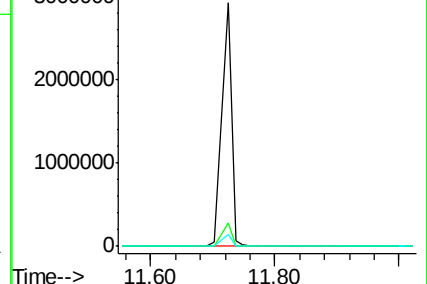
104 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 63.18 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

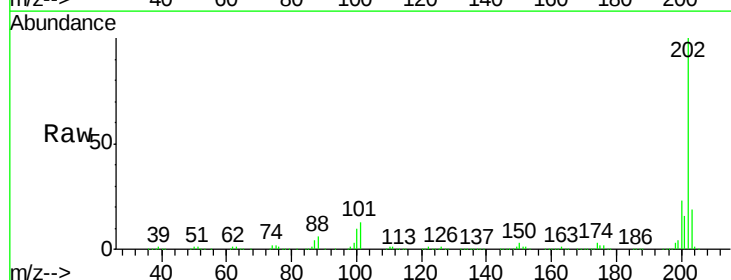
Tgt Ion:202 Resp: 2578608

Ion Ratio Lower Upper

202 100

101 13.0 0.0 28.5

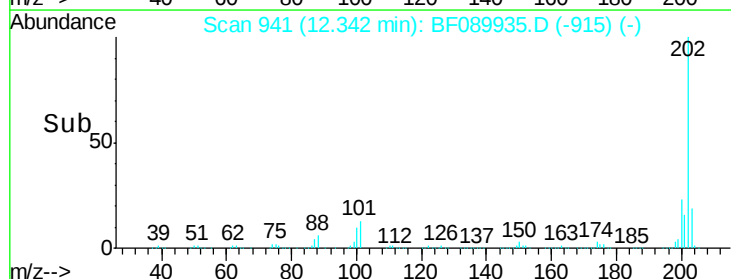
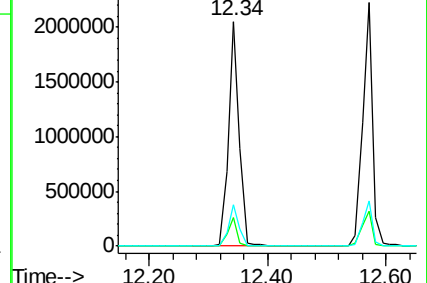
203 18.6 0.0 38.0

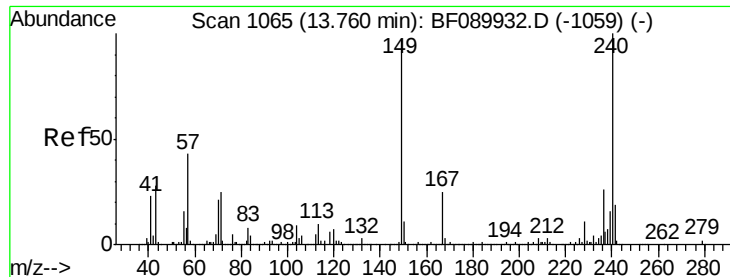


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

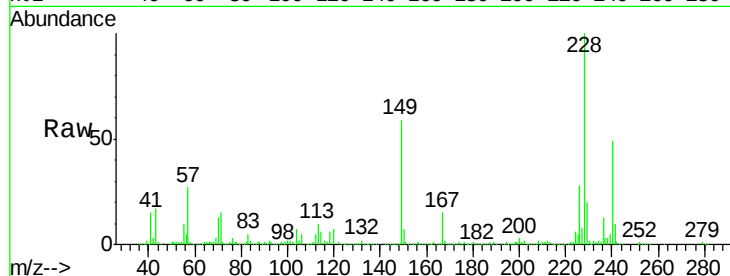
Tgt Ion:240 Resp: 463873

Ion Ratio Lower Upper

240 100

120 15.1 5.7 8.5#

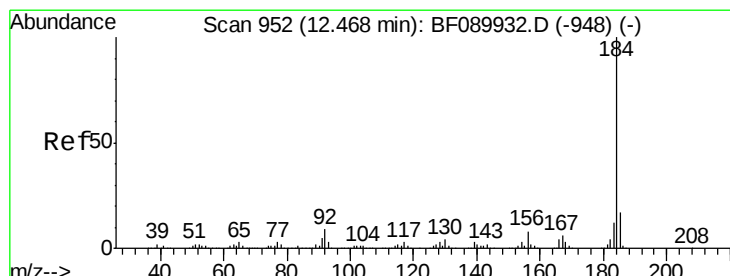
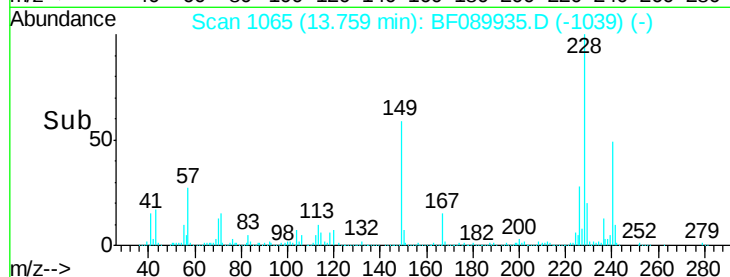
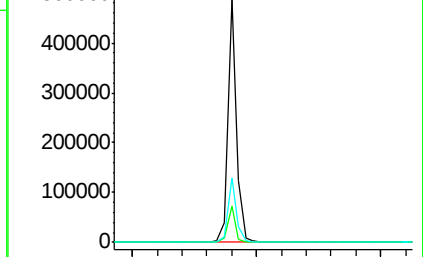
236 26.2 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 102.47 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

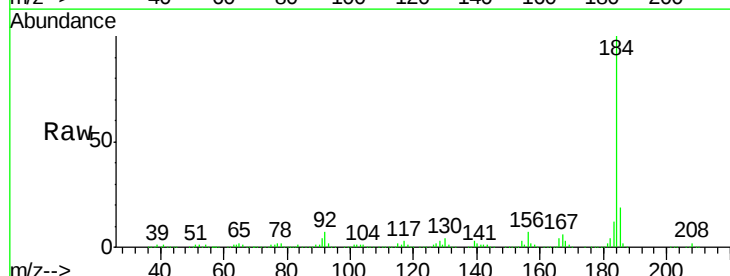
Tgt Ion:184 Resp: 1755786

Ion Ratio Lower Upper

184 100

185 19.5 13.8 20.8

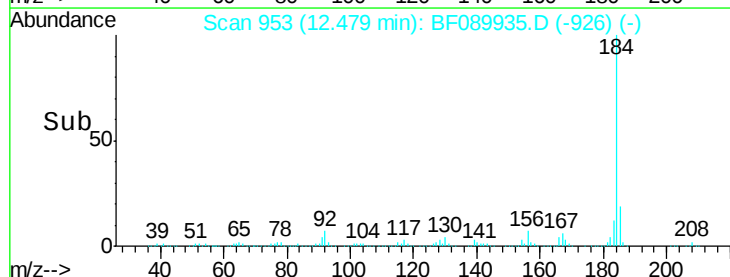
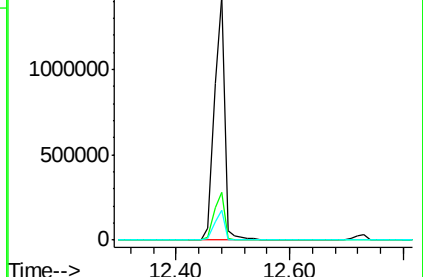
183 12.5 9.6 14.4

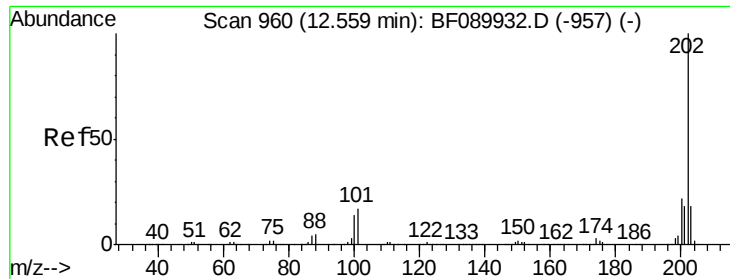


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

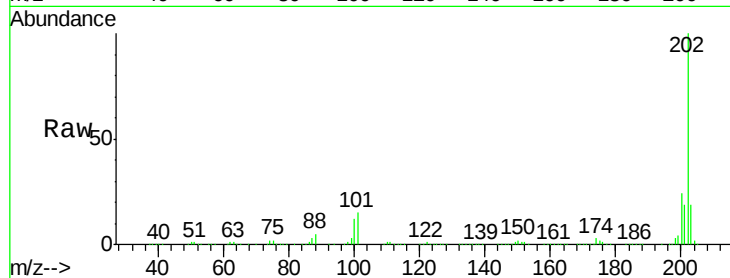




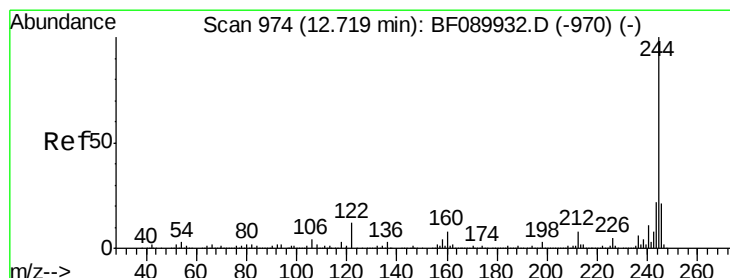
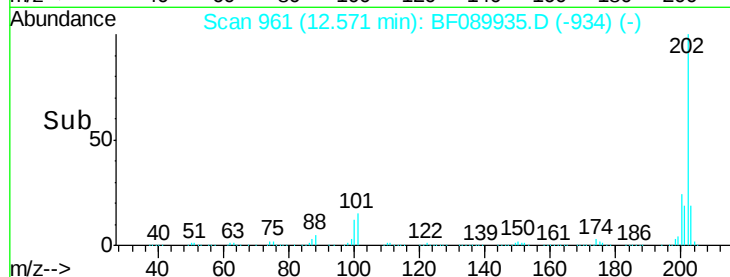
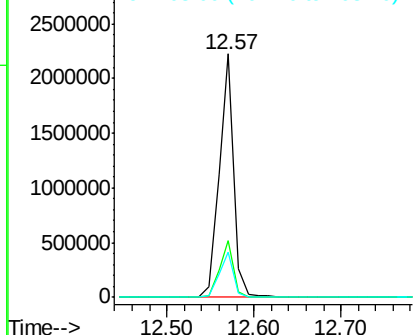
#77
 Pyrene
 Concen: 80.39 ng
 RT: 12.57 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion: 202 Resp: 2597269
 Ion Ratio Lower Upper
 202 100
 200 23.5 17.6 26.4
 203 18.7 14.6 21.8

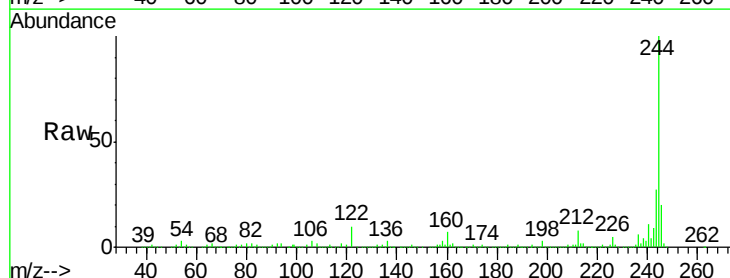


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

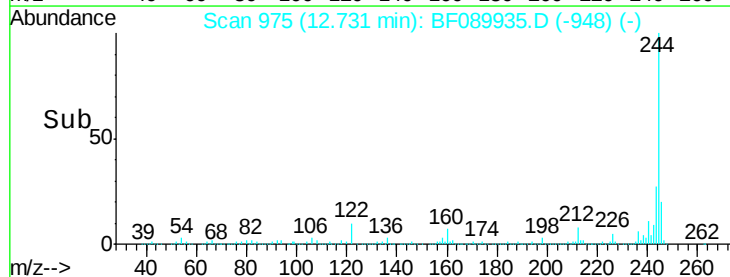
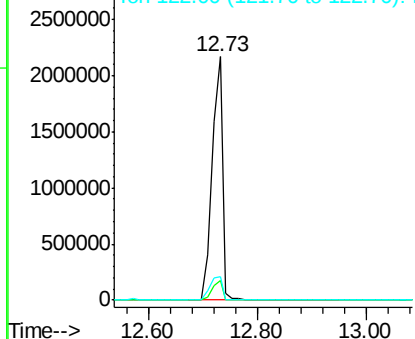


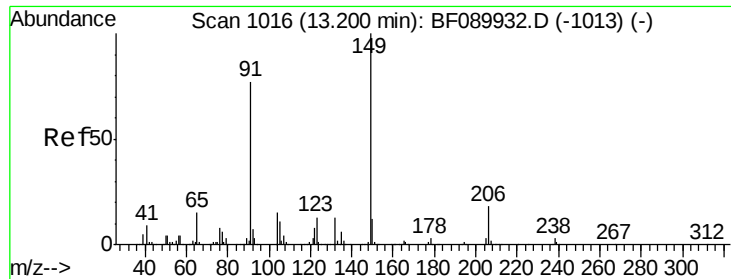
#78
 Terphenyl-d14
 Concen: 78.45 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion: 244 Resp: 2963402
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 9.6 9.6 14.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

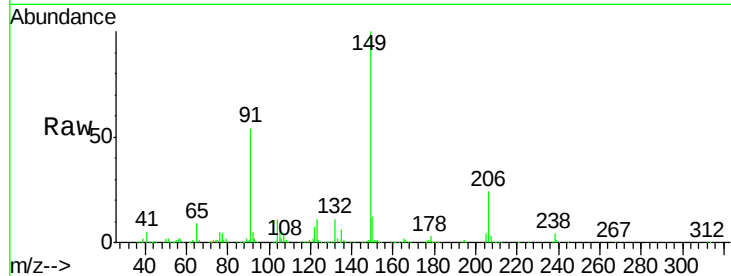




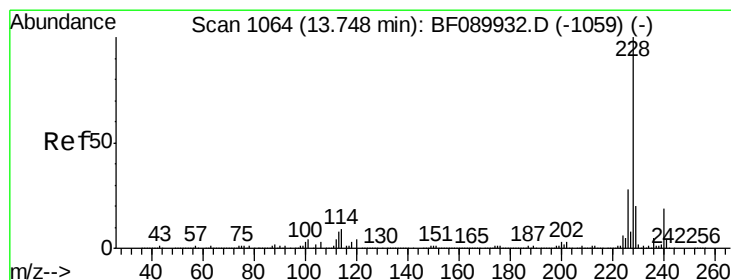
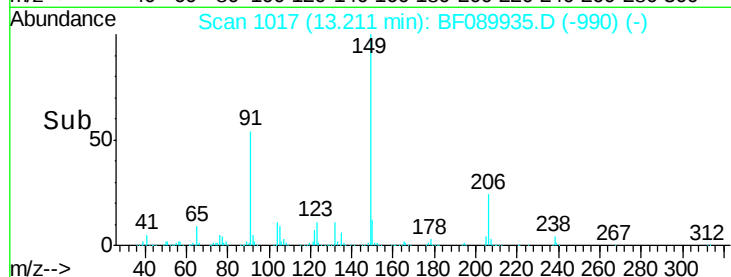
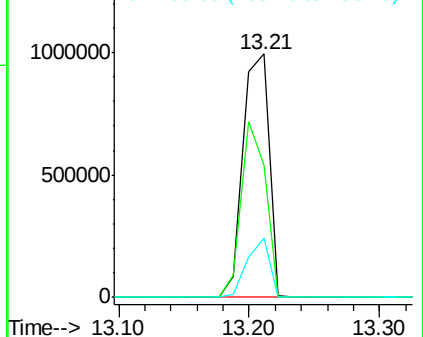
#79
Butylbenzylphthalate
Concen: 107.95 ng
RT: 13.21 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tgt Ion:149 Resp: 1379352
Ion Ratio Lower Upper
149 100
91 54.3 60.0 90.0#
206 24.2 15.1 22.7#

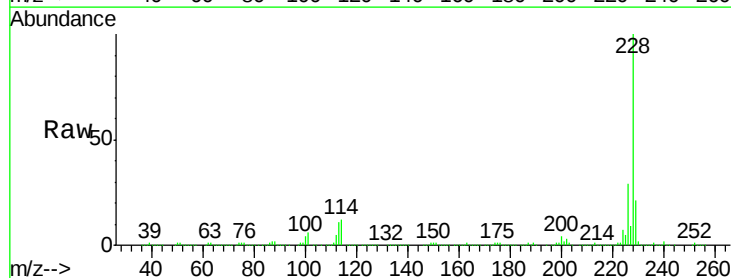


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

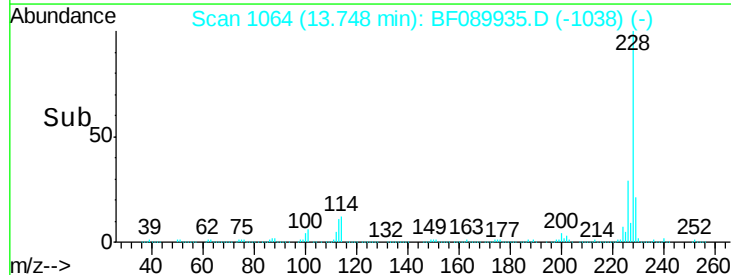
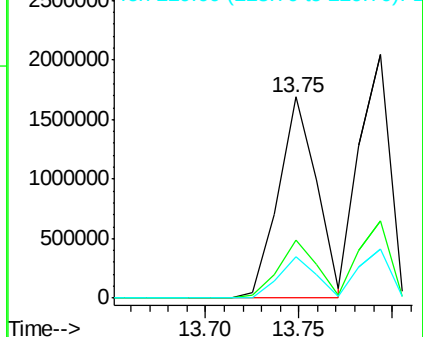


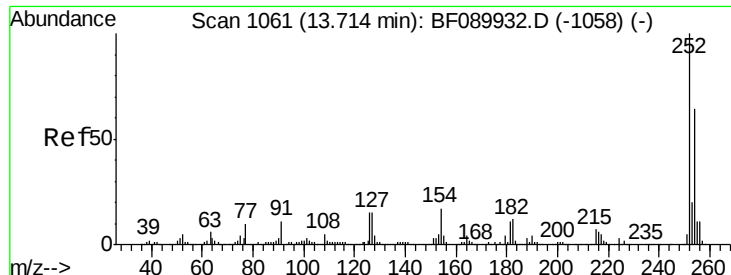
#80
Benzo(a)anthracene
Concen: 86.36 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:228 Resp: 2410778
Ion Ratio Lower Upper
228 100
226 28.6 22.2 33.2
229 20.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

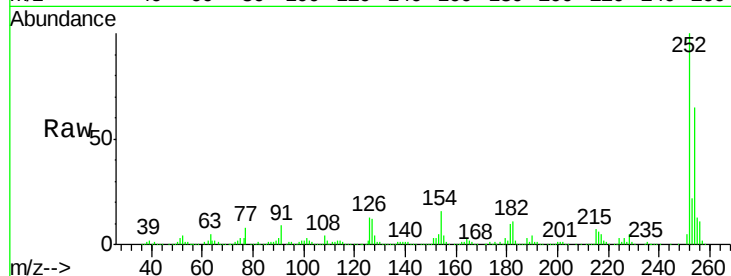




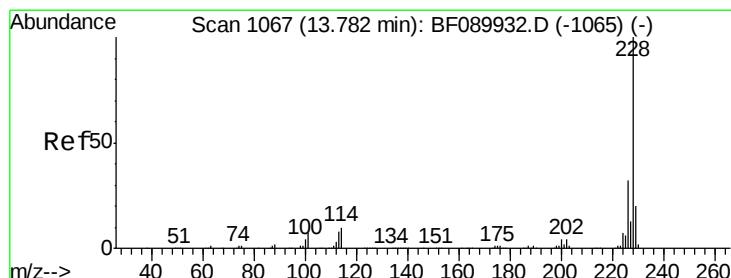
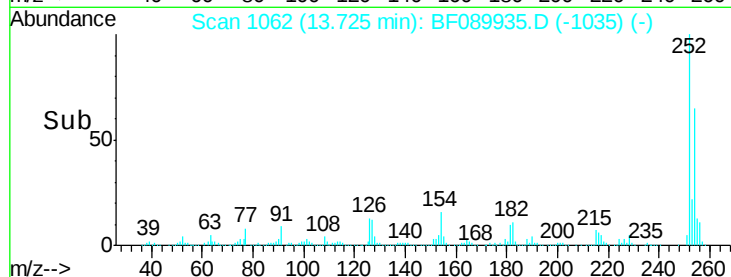
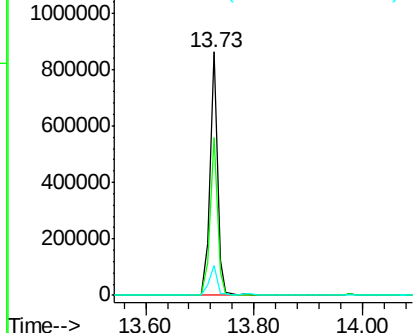
#81
 3,3'-Dichlorobenzidine
 Concen: 82.37 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	12.5	12.3	18.5

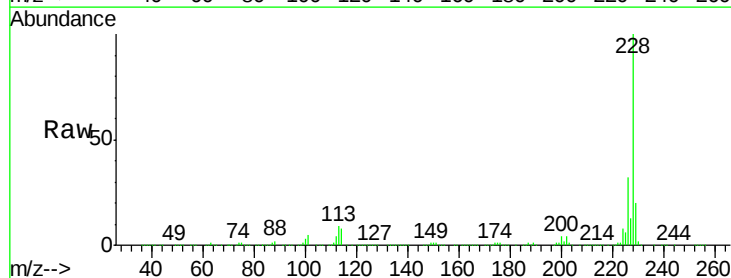


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

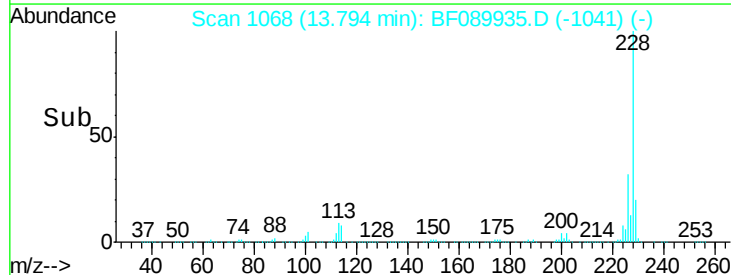
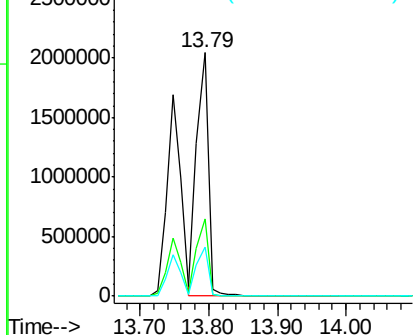


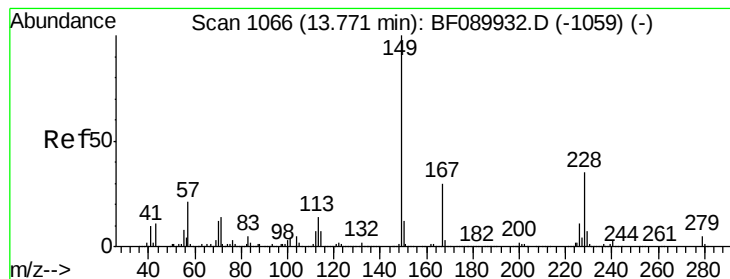
#82
 Chrysene
 Concen: 95.95 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.2	37.8
229	20.4	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 90.73 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

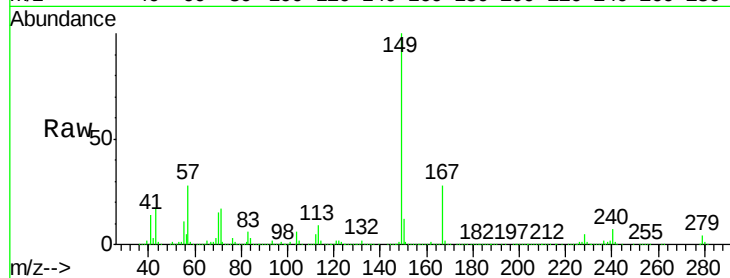
Tgt Ion:149 Resp: 1646406

Ion Ratio Lower Upper

149 100

167 28.3 23.6 35.4

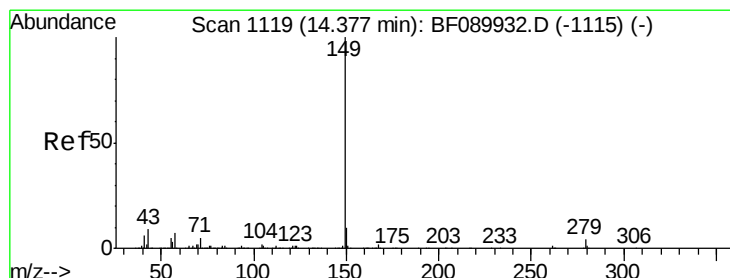
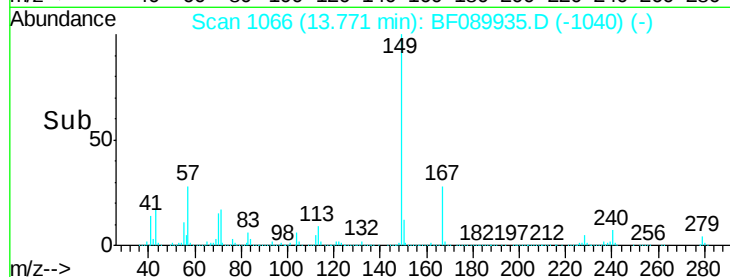
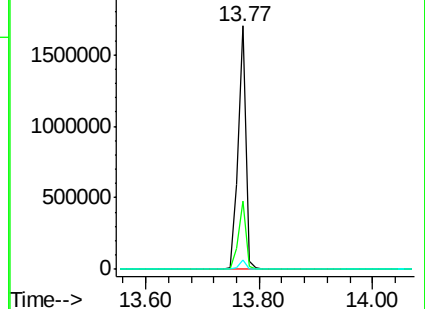
279 3.6 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 92.82 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

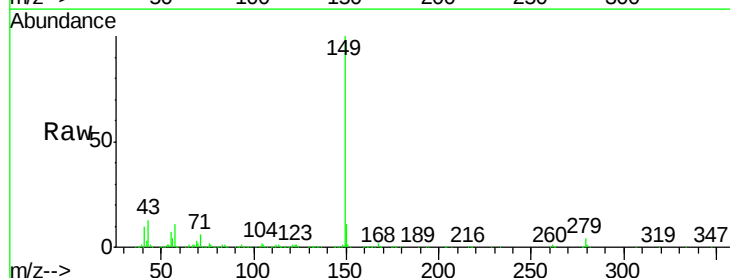
Tgt Ion:149 Resp: 2674229

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

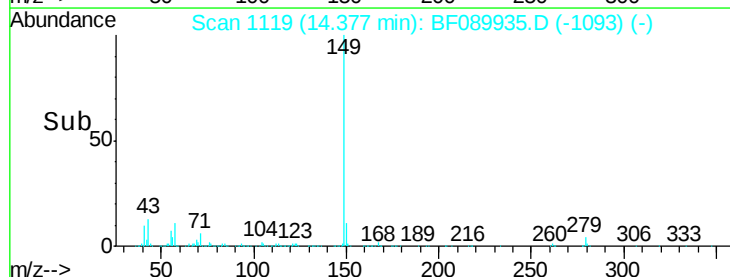
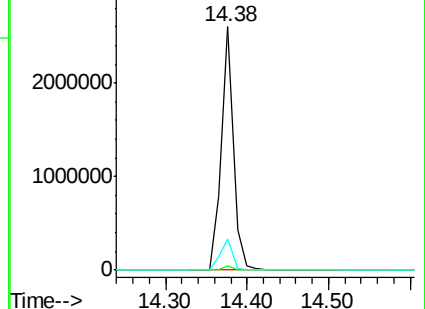
43 13.3 9.3 13.9

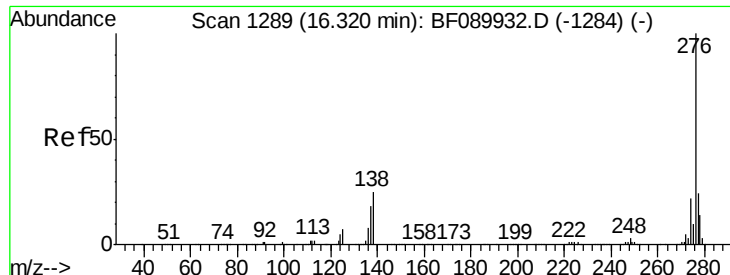


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

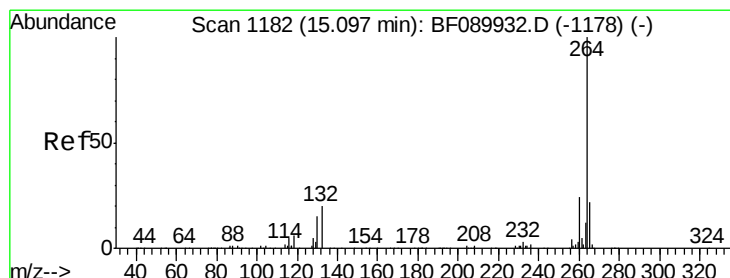
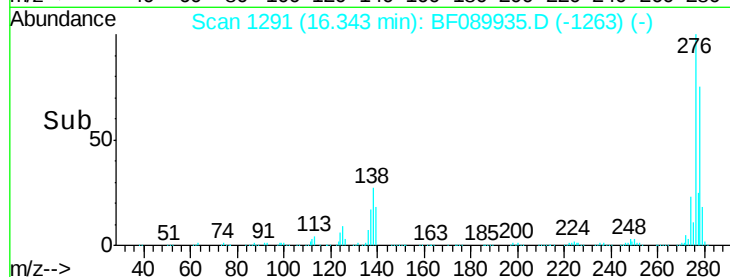
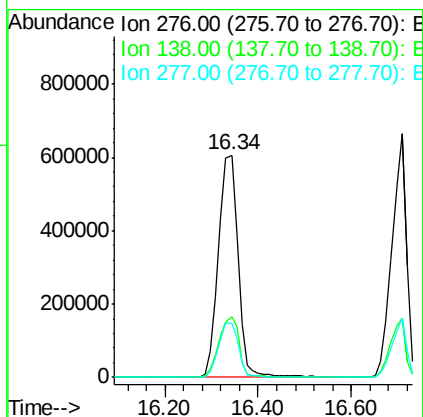
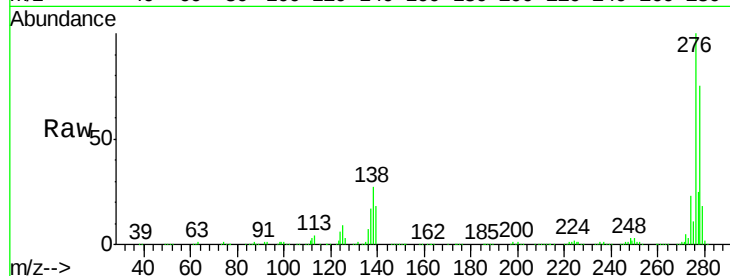




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 93.26 ng
 RT: 16.34 min Scan# 1291
 Delta R.T. 0.02 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

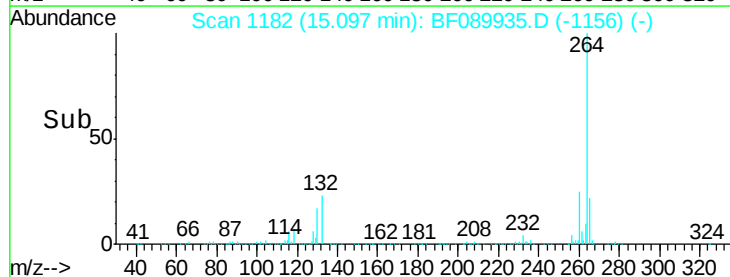
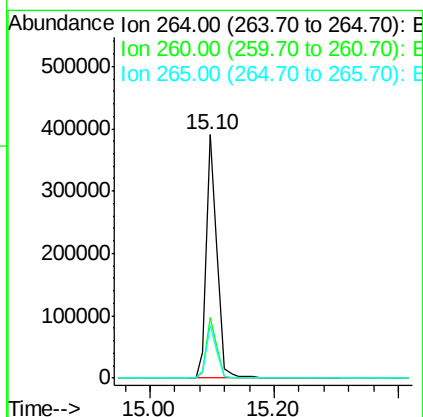
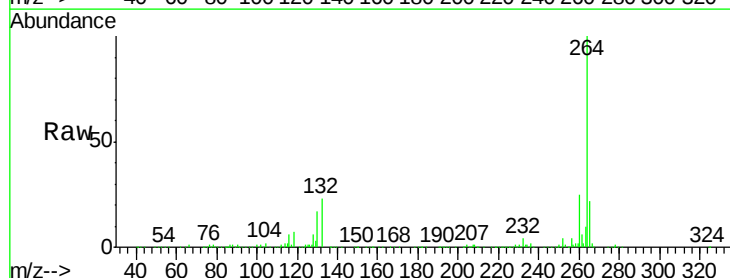
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

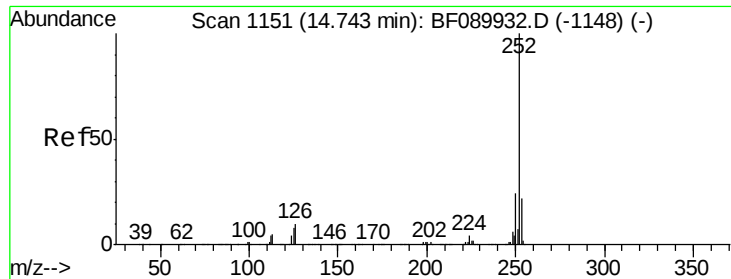
Tgt Ion: 276 Resp: 1772559
 Ion Ratio Lower Upper
 276 100
 138 28.2 22.6 34.0
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089935.D
 Acq: 31 Aug 2016 5:29

Tgt Ion: 264 Resp: 467596
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.0
 265 21.8 17.4 26.2

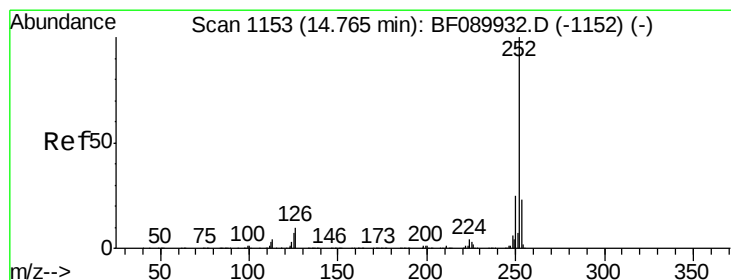
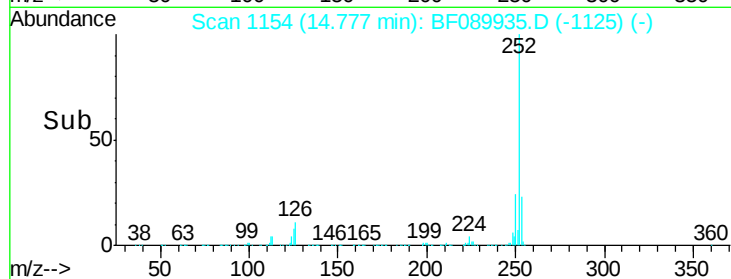
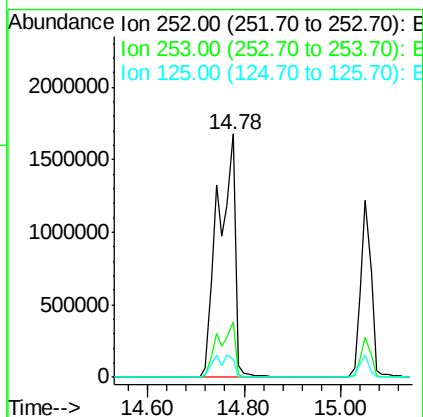
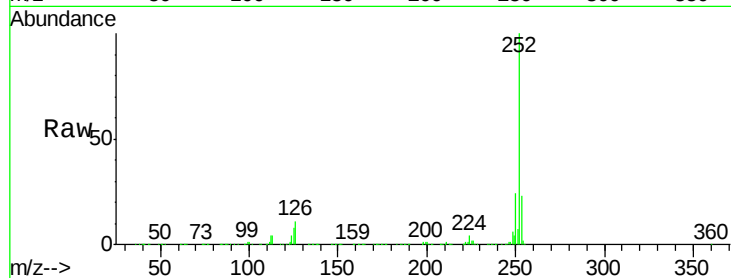




#87
Benzo(b)fluoranthene
Concen: 144.18 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.03 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

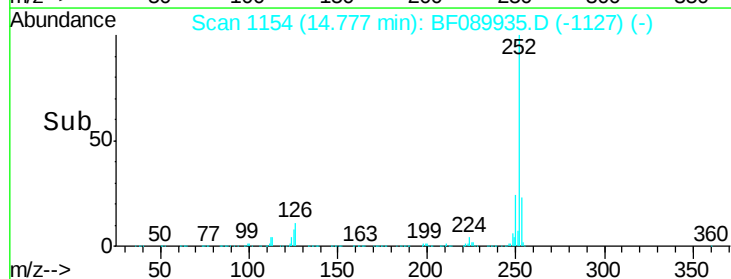
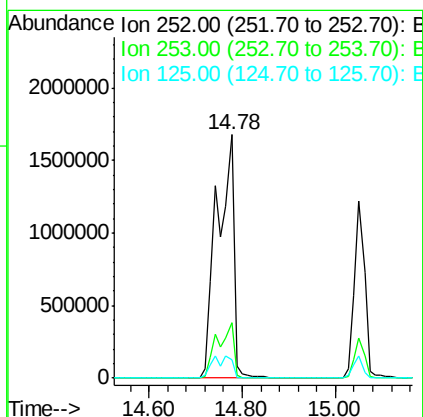
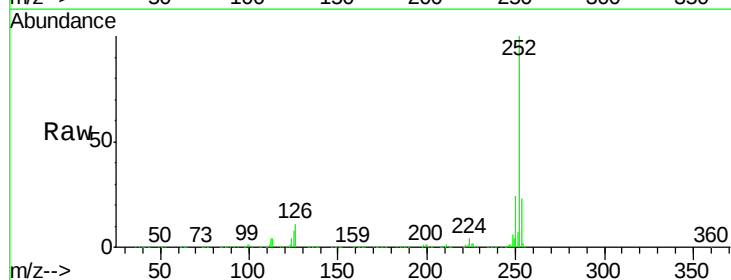
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

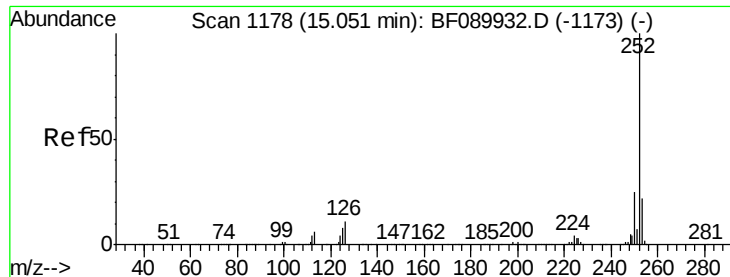
Tgt Ion:252 Resp: 4185243
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 7.6 5.7 8.5



#88
Benzo(k)fluoranthene
Concen: 170.52 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF089935.D
Acq: 31 Aug 2016 5:29

Tgt Ion:252 Resp: 4186572
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 7.6 7.3 10.9





#89

Benzo(a)pyrene

Concen: 75.14 ng

RT: 15.05 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

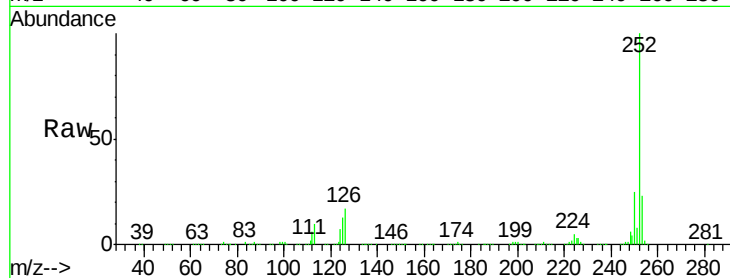
Tgt Ion:252 Resp: 1857892

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

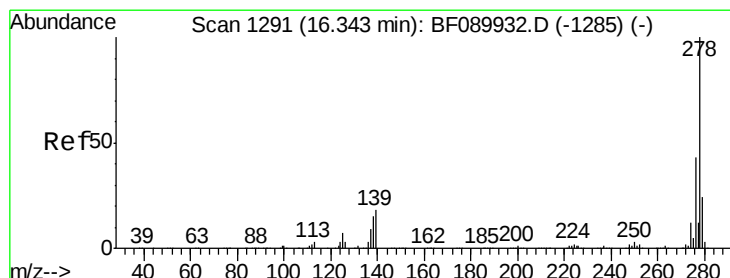
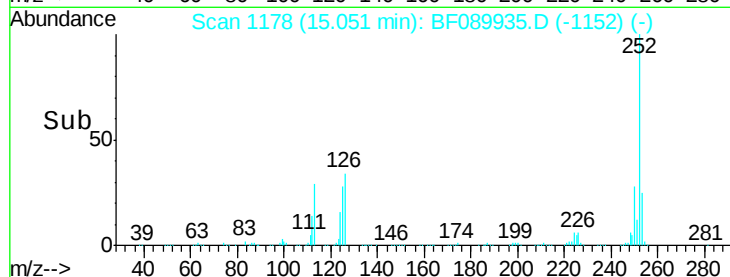
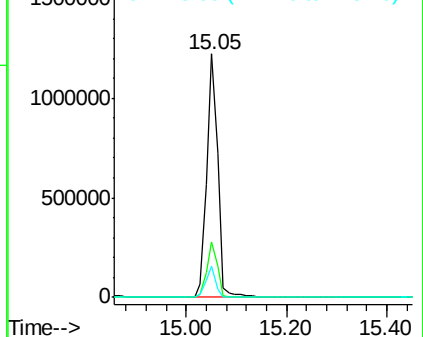
125 12.8 6.3 9.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 74.93 ng

RT: 16.35 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

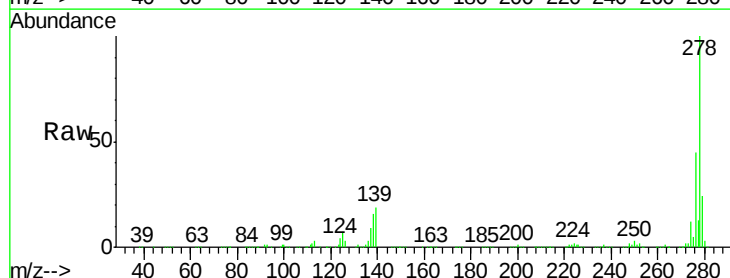
Tgt Ion:278 Resp: 1410540

Ion Ratio Lower Upper

278 100

139 18.8 13.4 20.2

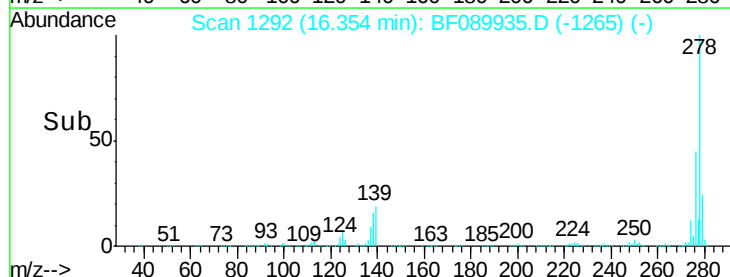
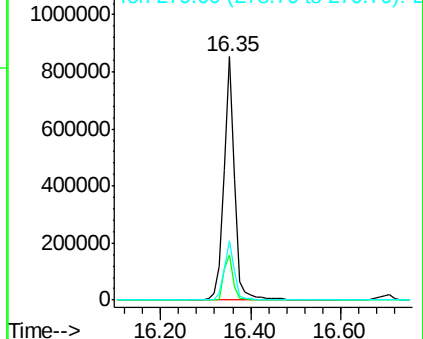
279 24.3 19.4 29.2

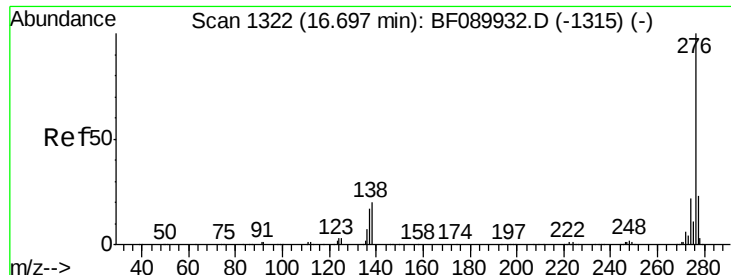


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 77.36 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF089935.D

Acq: 31 Aug 2016 5:29

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

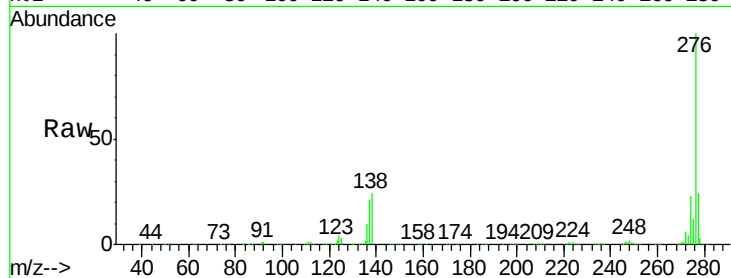
Tgt Ion:276 Resp: 1456841

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 24.5 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

