

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089933.D
 Acq On : 31 Aug 2016 4:33
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 31 05:42:58 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	189874	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	747816	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	373611	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	759792	20.00	ng	0.00
75) Chrysene-d12	13.76	240	589377	20.00	ng	0.00
86) Perylene-d12	15.10	264	529053	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1128572	47.47	ng	0.00
7) Phenol-d6	6.28	99	1328085	45.58	ng	0.01
23) Nitrobenzene-d5	7.21	82	1145648	44.99	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	373290	52.59	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1986785	43.82	ng	0.00
78) Terphenyl-d14	12.72	244	2040157	42.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	263068	47.24	ng	99
3) Pyridine	2.72	79	770051	52.05	ng	99
4) n-Nitrosodimethylamine	2.68	42	368381	49.72	ng	100
6) Aniline	6.30	93	907222	45.82	ng	# 65
8) 2-Chlorophenol	6.42	128	608860	46.78	ng	95
9) Benzaldehyde	6.18	77	440850	46.72	ng	98
10) Phenol	6.30	94	815025	48.10	ng	90
11) bis(2-Chloroethyl)ether	6.39	93	633476	49.74	ng	89
12) 1,3-Dichlorobenzene	6.58	146	695764	47.62	ng	99
13) 1,4-Dichlorobenzene	6.58	146	695764	46.81	ng	94
14) 1,2-Dichlorobenzene	6.81	146	621418	47.19	ng	99
15) Benzyl Alcohol	6.79	79	404886	43.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1174453	47.90	ng	98
17) 2-Methylphenol	6.91	107	511105	49.40	ng	98
18) Hexachloroethane	7.15	117	235630	46.35	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	416084	43.34	ng	90
20) 3+4-Methylphenols	7.06	107	571974	45.84	ng	# 68
22) Acetophenone	7.06	105	806714	48.81	ng	# 97
24) Nitrobenzene	7.23	77	725084	53.87	ng	# 82
25) Isophorone	7.47	82	1224699	46.96	ng	98
26) 2-Nitrophenol	7.54	139	310238	47.90	ng	97
27) 2,4-Dimethylphenol	7.60	122	621212	50.59	ng	95
28) bis(2-Chloroethoxy)methane	7.69	93	737795	46.63	ng	99
29) 2,4-Dichlorophenol	7.78	162	512953	46.85	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	581457	49.18	ng	100
31) Naphthalene	7.95	128	1705896	45.88	ng	99
32) Benzoic acid	7.74	122	459600	57.24	ng	95
33) 4-Chloroaniline	8.00	127	700075	46.94	ng	99
34) Hexachlorobutadiene	8.07	225	326580	47.13	ng	99
35) Caprolactam	8.39	113	181584	53.38	ng	89
36) 4-Chloro-3-methylphenol	8.49	107	601607	53.35	ng	88
37) 2-Methylnaphthalene	8.64	142	1199937	49.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	486495	44.09	ng	99
40) Hexachlorocyclopentadiene	8.80	237	309579	54.75	ng	96

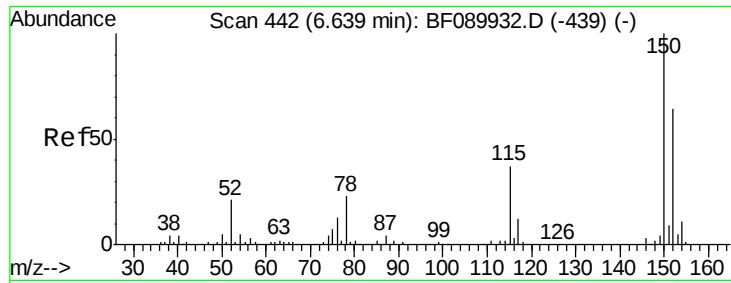
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	392380	51.83	ng	100
43) 2,4,5-Trichlorophenol	8.95	196	360590	48.20	ng	97
45) 1,1'-Biphenyl	9.11	154	1453728	47.29	ng	95
46) 2-Chloronaphthalene	9.12	162	970824	45.63	ng	99
47) 2-Nitroaniline	9.22	65	400411	58.20	ng	# 73
48) Acenaphthylene	9.53	152	1602568	45.78	ng	100
49) Dimethylphthalate	9.42	163	1391706	53.54	ng	98
50) 2,6-Dinitrotoluene	9.46	165	280059	45.43	ng	# 87
51) Acenaphthene	9.70	154	1027824	45.51	ng	99
52) 3-Nitroaniline	9.63	138	390846	59.97	ng	81
53) 2,4-Dinitrophenol	9.74	184	169720	67.93	ng	# 57
54) Dibenzofuran	9.87	168	1356923	46.28	ng	99
55) 4-Nitrophenol	9.79	139	299926	57.38	ng	# 67
56) 2,4-Dinitrotoluene	9.86	165	359630	46.74	ng	# 86
57) Fluorene	10.22	166	1076603	47.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	307751	49.17	ng	97
59) Diethylphthalate	10.10	149	1247963	47.50	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	513566	48.06	ng	94
61) 4-Nitroaniline	10.24	138	321735	49.40	ng	86
62) Azobenzene	10.38	77	1273185	50.12	ng	82
64) 4,6-Dinitro-2-methylphenol	10.27	198	257976	55.95	ng	# 53
65) n-Nitrosodiphenylamine	10.33	169	966628	41.61	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	338591	44.24	ng	95
67) Hexachlorobenzene	10.75	284	397177	44.62	ng	96
68) Atrazine	10.87	200	399891	54.34	ng	95
69) Pentachlorophenol	10.95	266	252672	54.87	ng	98
70) Phenanthrene	11.16	178	1656010	44.85	ng	100
71) Anthracene	11.21	178	1796438	46.19	ng	100
72) Carbazole	11.37	167	1530217	43.05	ng	99
73) Di-n-butylphthalate	11.73	149	1987072	46.05	ng	# 97
74) Fluoranthene	12.34	202	1872399	47.79	ng	98
76) Benzidine	12.47	184	975712	44.82	ng	99
77) Pyrene	12.57	202	1969833	47.99	ng	99
79) Butylbenzylphthalate	13.20	149	770918	47.49	ng	98
80) Benzo(a)anthracene	13.75	228	1622479	45.74	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	680088	53.00	ng	# 95
82) Chrysene	13.78	228	1404379	44.57	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	1114964	48.36	ng	99
84) Di-n-octyl phthalate	14.38	149	1965716	53.70	ng	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1267704	52.50	ng	100
87) Benzo(b)fluoranthene	14.77	252	2856962	86.99	ng	# 97
88) Benzo(k)fluoranthene	14.77	252	2856962	102.85	ng	# 98
89) Benzo(a)pyrene	15.05	252	1370956	49.00	ng	# 97
90) Dibenzo(a,h)anthracene	16.34	278	1039941	48.83	ng	# 96
91) Benzo(g,h,i)perylene	16.70	276	1028625	48.27	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

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BNA_F

ClientSampleId :

SSTDIC050

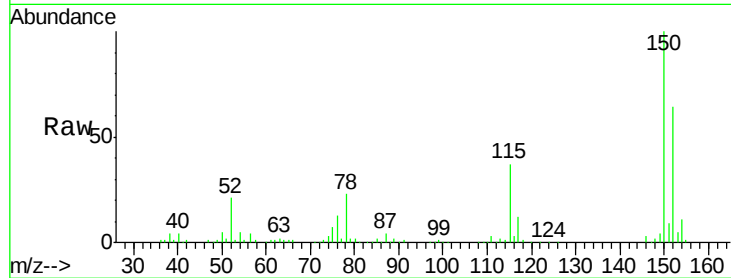
Tgt Ion:152 Resp: 189874

Ion Ratio Lower Upper

152 100

150 156.0 127.4 191.2

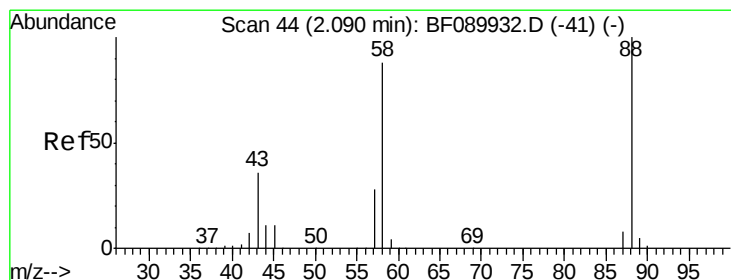
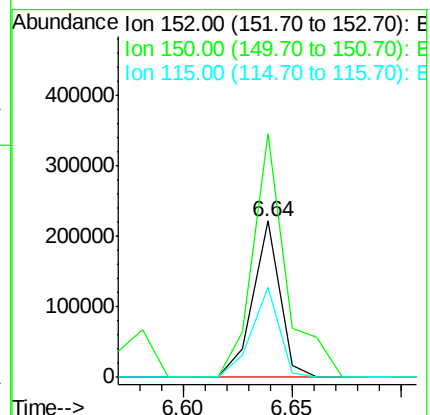
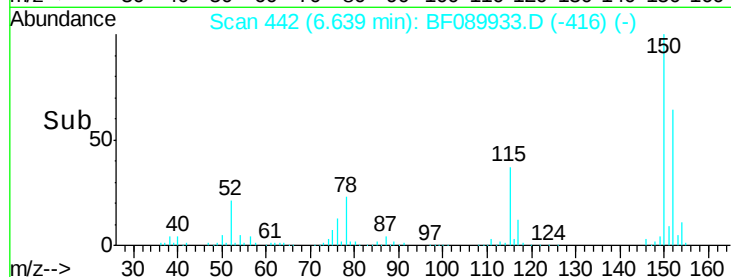
115 58.1 46.3 69.5



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: 47.24 ng

RT: 2.09 min Scan# 44

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

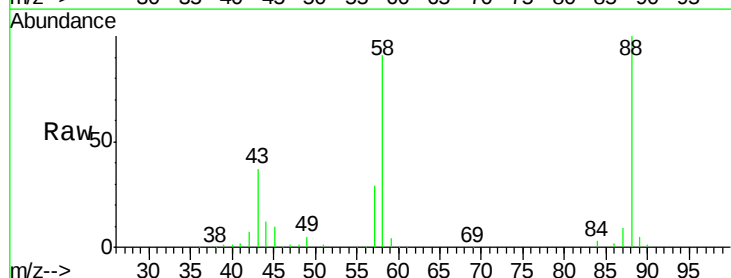
Tgt Ion: 88 Resp: 263068

Ion Ratio Lower Upper

88 100

58 84.4 68.8 103.2

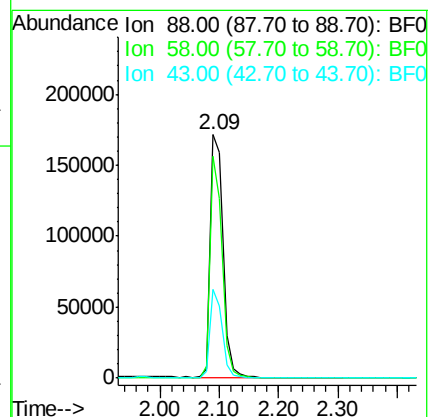
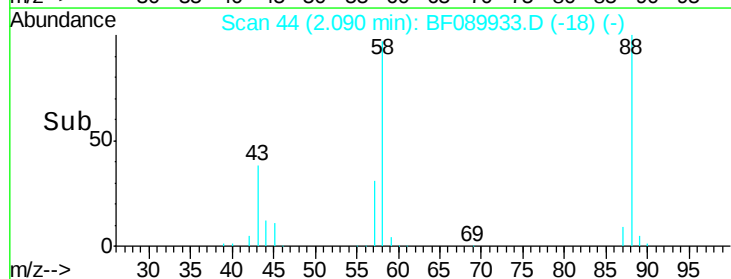
43 33.9 27.0 40.6

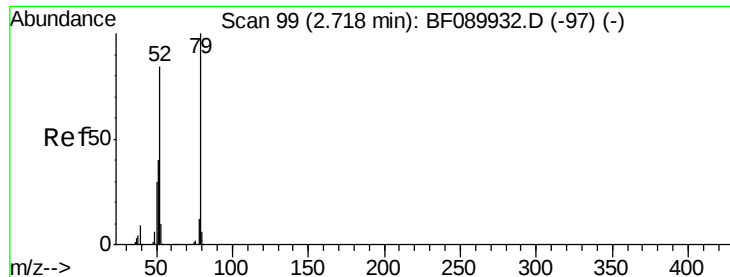


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 52.05 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

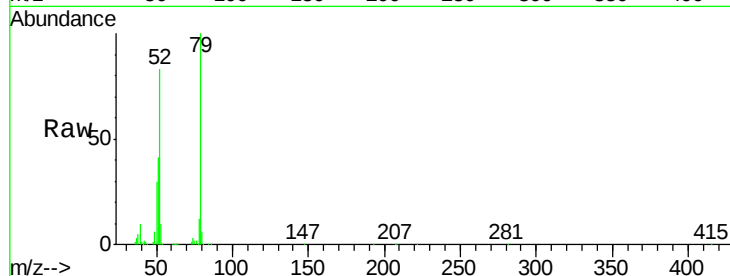
Tgt Ion: 79 Resp: 770051

Ion Ratio Lower Upper

79 100

52 83.5 67.8 101.6

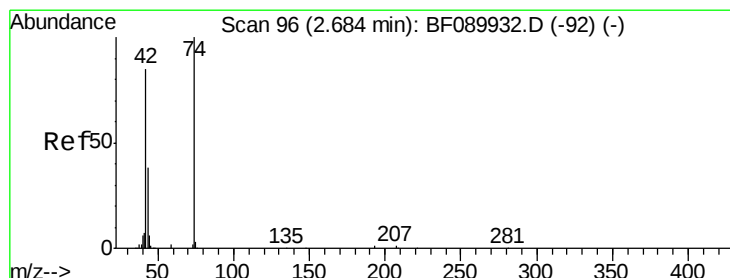
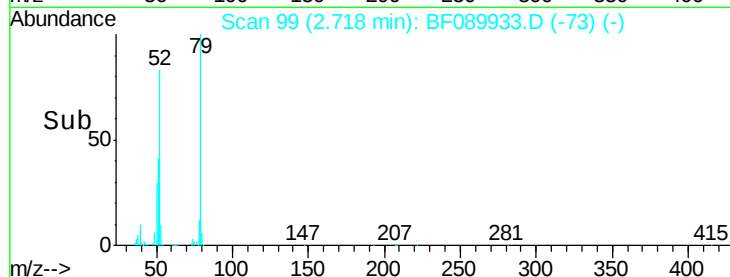
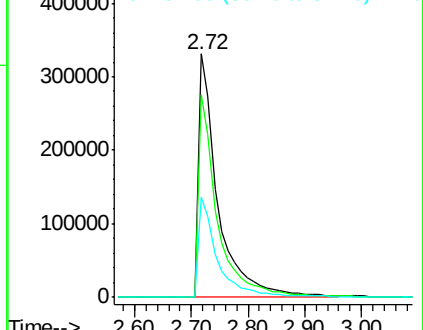
51 40.9 32.9 49.3



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: 49.72 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

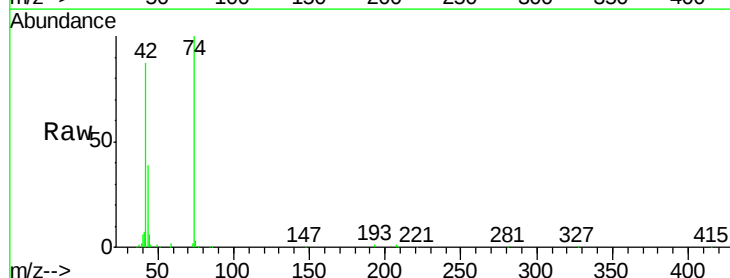
Tgt Ion: 42 Resp: 368381

Ion Ratio Lower Upper

42 100

74 114.5 92.0 138.0

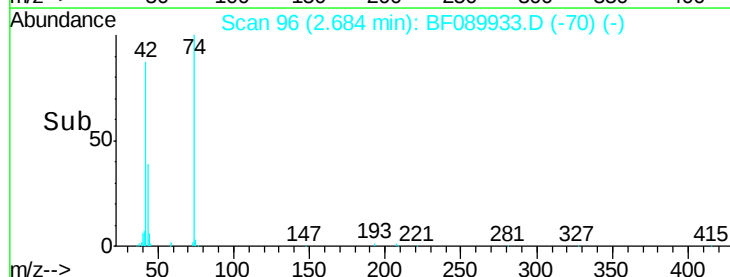
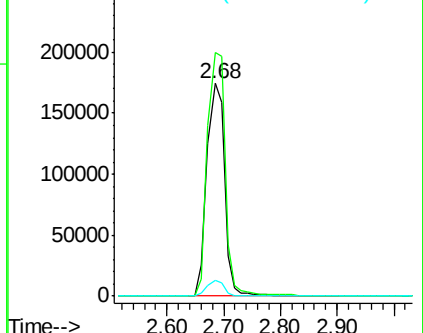
44 7.3 5.8 8.8

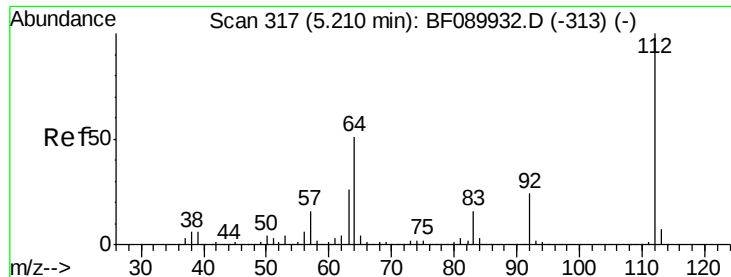


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 47.47 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

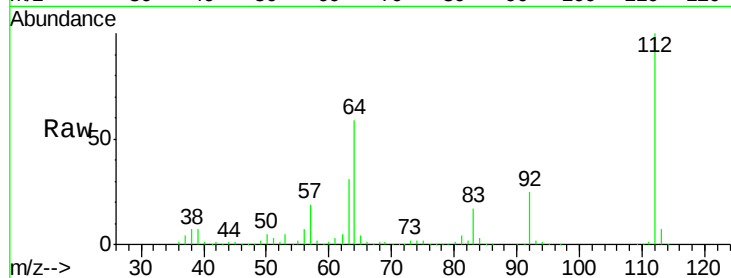
Tgt Ion: 112 Resp: 1128572

Ion Ratio Lower Upper

112 100

64 59.0 41.1 61.7

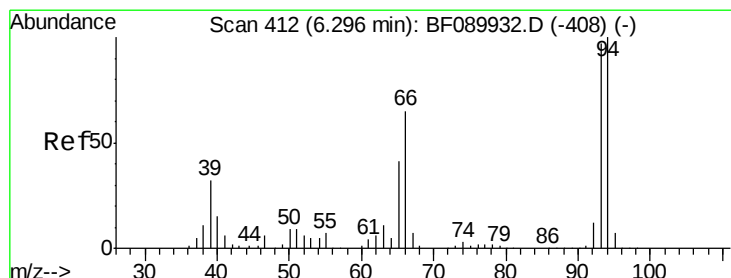
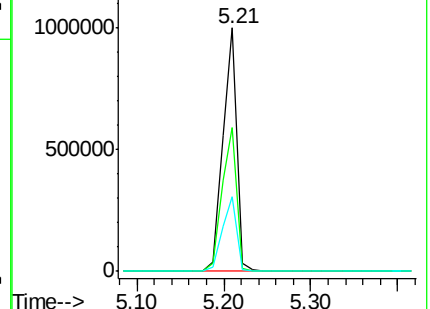
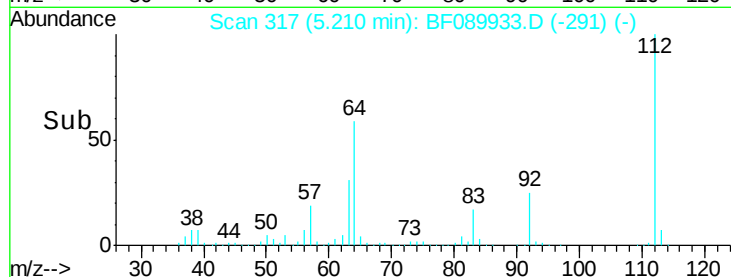
63 30.5 21.2 31.8



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: 45.82 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

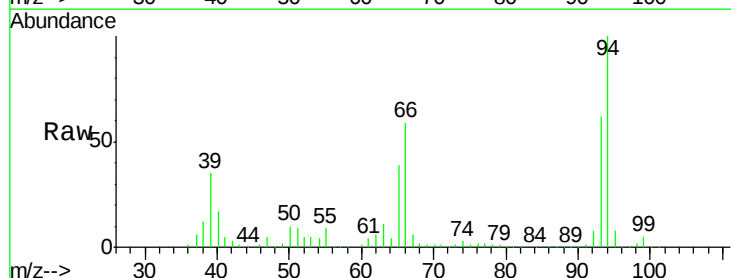
Tgt Ion: 93 Resp: 907222

Ion Ratio Lower Upper

93 100

66 94.2 52.9 79.3#

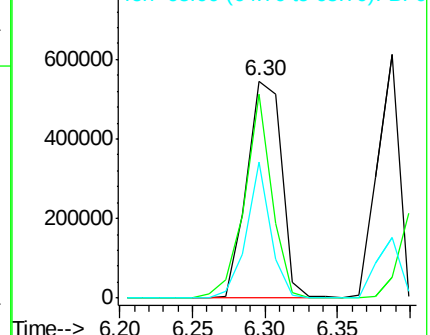
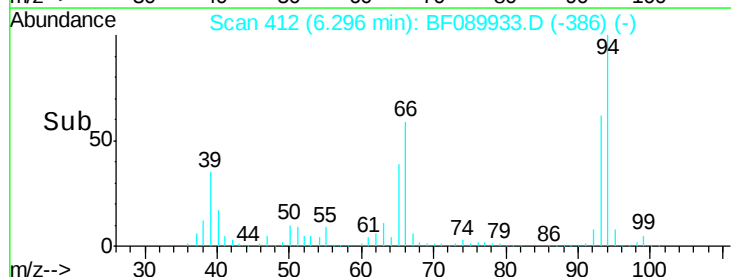
65 62.7 33.0 49.6#

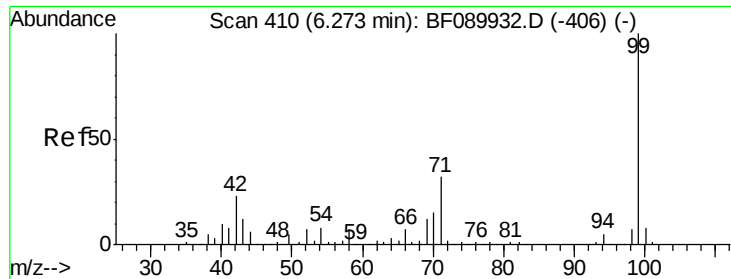


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 45.58 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 99 Resp: 1328085

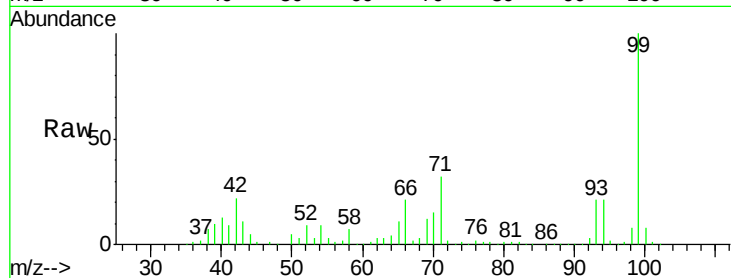
Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.6	27.8
71	31.8	25.8	38.6

Ion Ratio Lower Upper

99 100

42 22.3 18.6 27.8

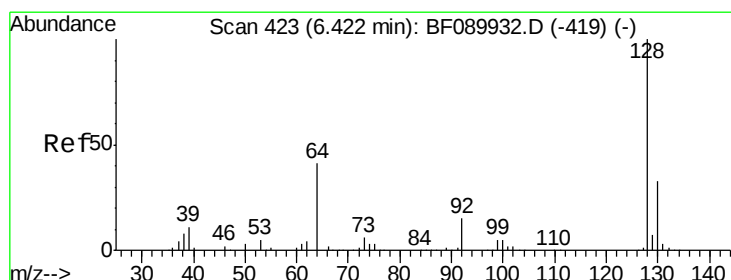
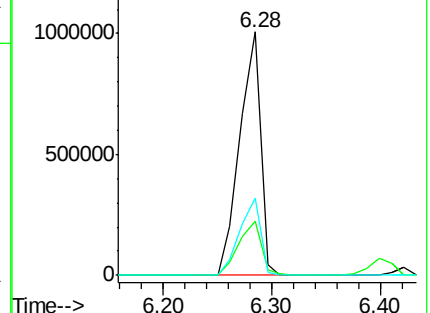
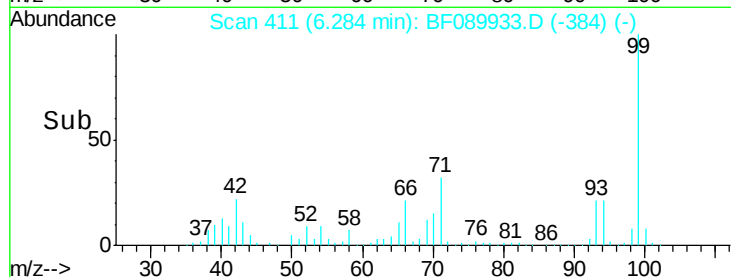
71 31.8 25.8 38.6



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: 46.78 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion: 128 Resp: 608860

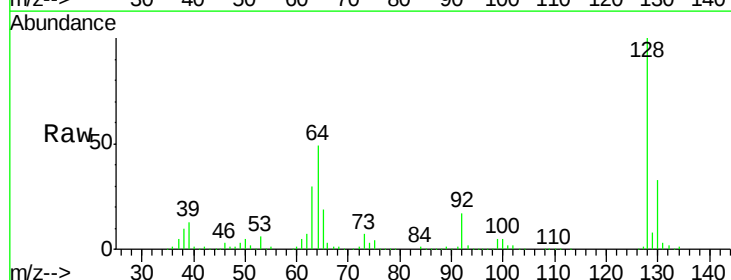
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	48.8	23.2	63.2

Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

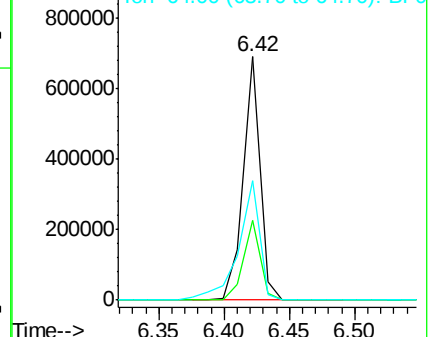
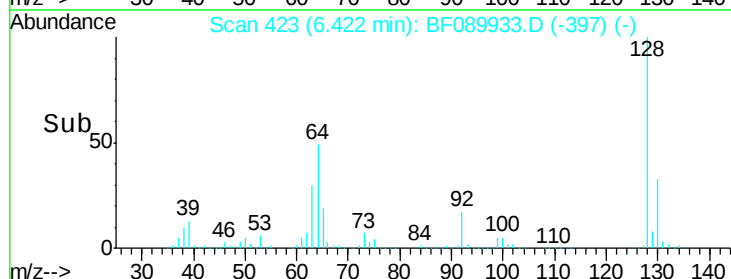
64 48.8 23.2 63.2

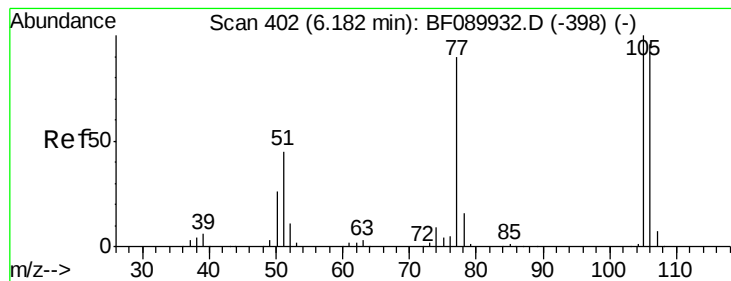


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.72 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

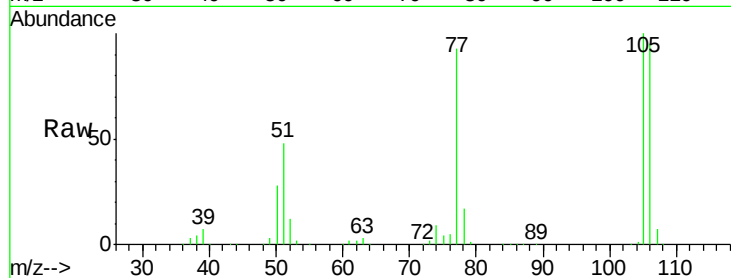
Tgt Ion: 77 Resp: 440850

Ion Ratio Lower Upper

77 100

105 108.1 85.4 125.4

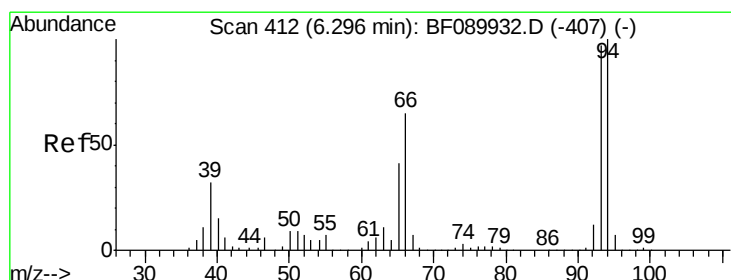
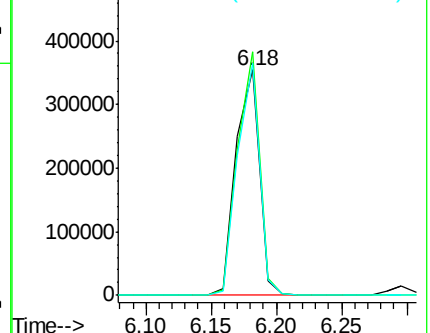
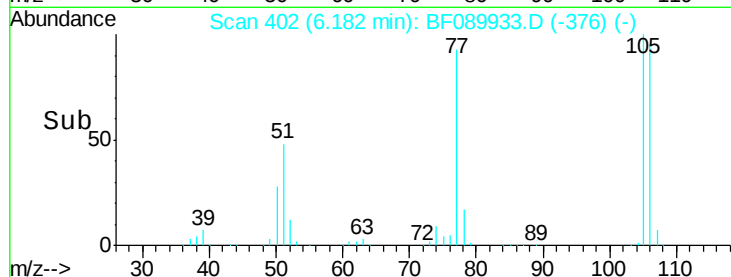
106 102.8 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.10 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

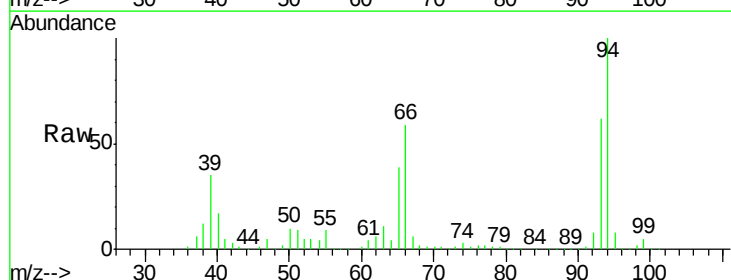
Tgt Ion: 94 Resp: 815025

Ion Ratio Lower Upper

94 100

65 39.1 23.2 63.2

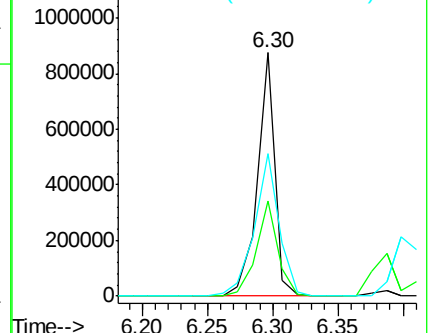
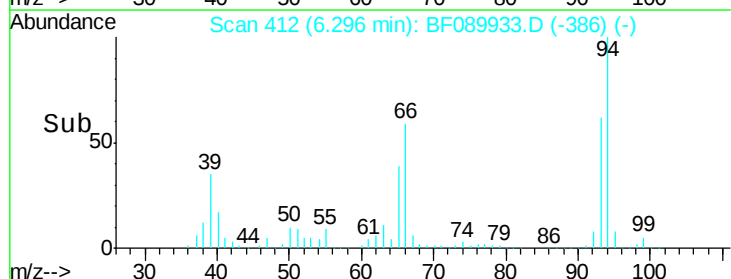
66 58.7 49.2 89.2

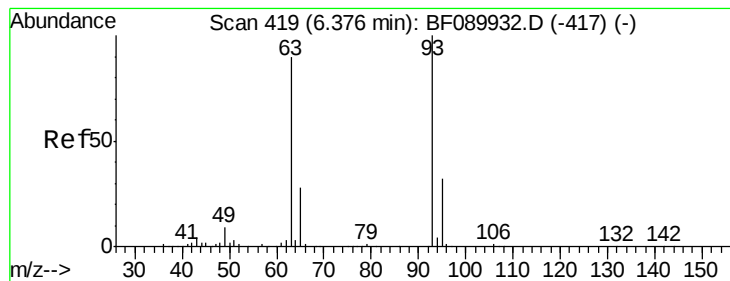


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 49.74 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

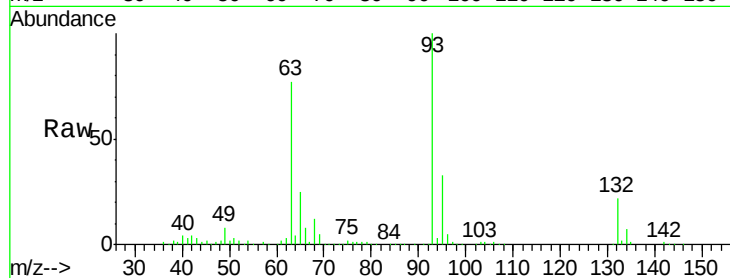
Tgt Ion: 93 Resp: 633476

Ion Ratio Lower Upper

93 100

63 77.0 71.1 111.1

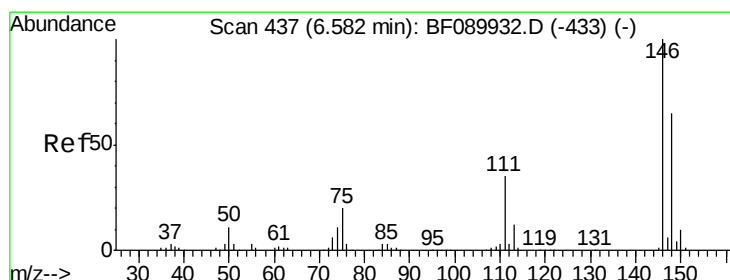
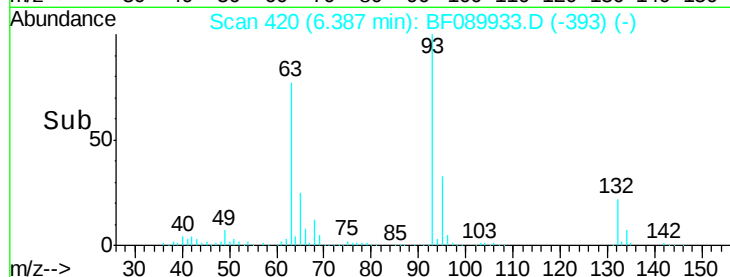
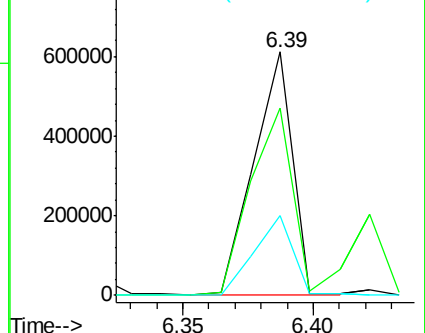
95 32.7 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 47.62 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

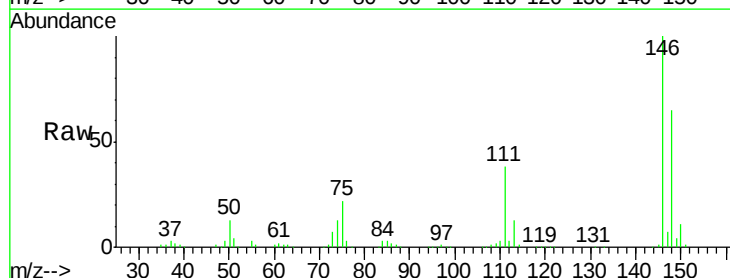
Tgt Ion: 146 Resp: 695764

Ion Ratio Lower Upper

146 100

148 65.5 52.5 78.7

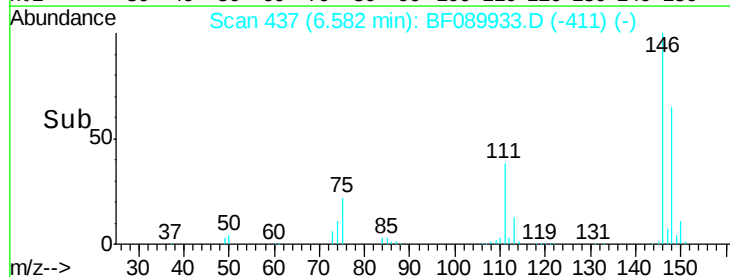
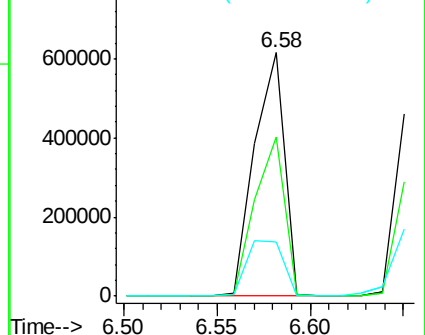
75 22.5 16.6 24.8

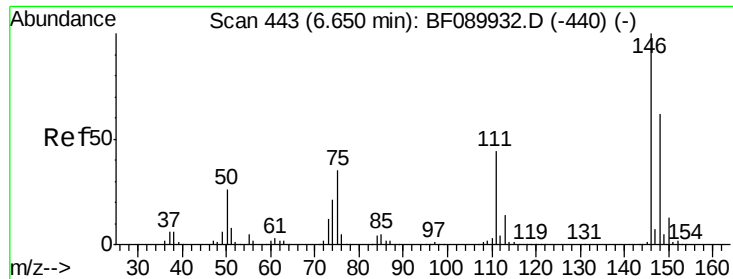


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 46.81 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.07 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

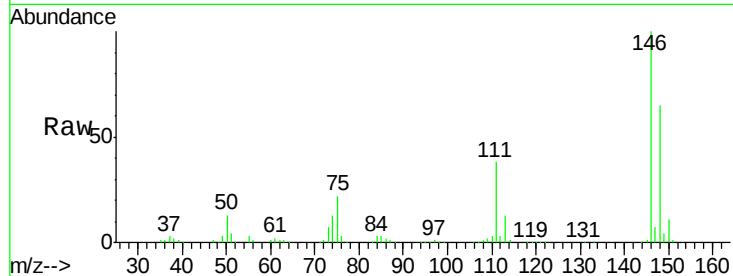
Tgt Ion:146 Resp: 695764

Ion Ratio Lower Upper

146 100

148 65.5 50.1 75.1

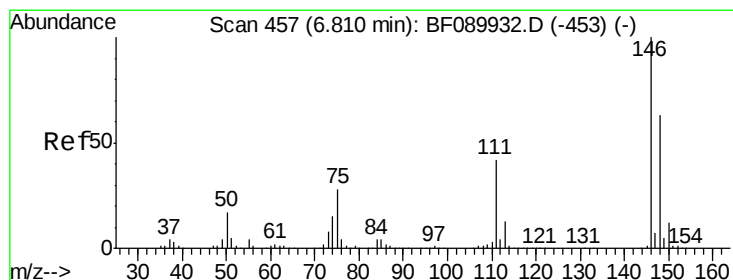
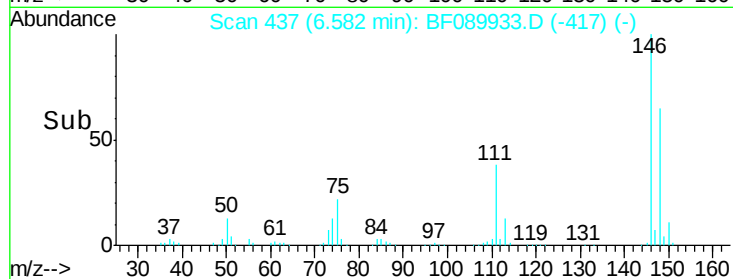
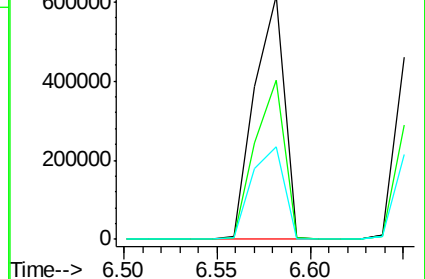
111 38.0 35.8 53.6



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: 47.19 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

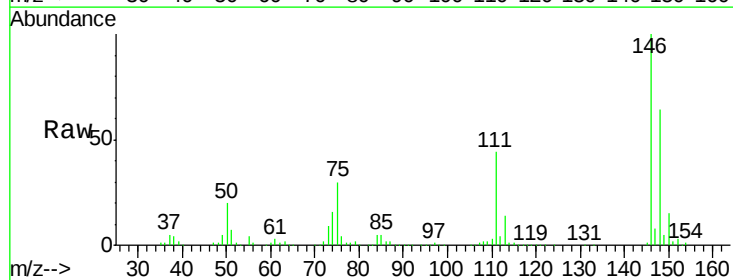
Tgt Ion:146 Resp: 621418

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

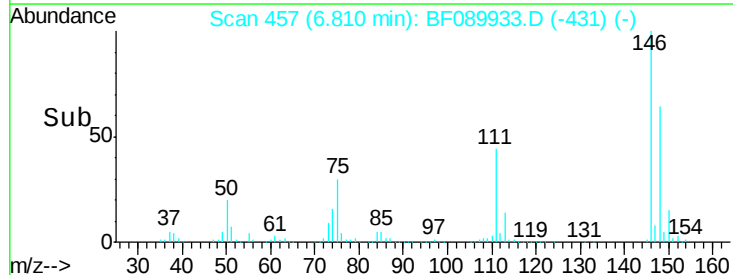
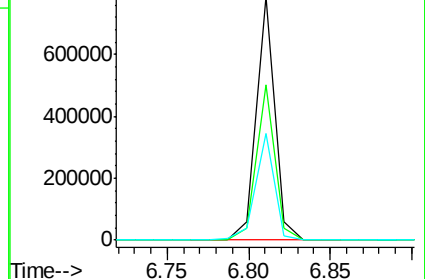
111 43.8 34.6 51.8

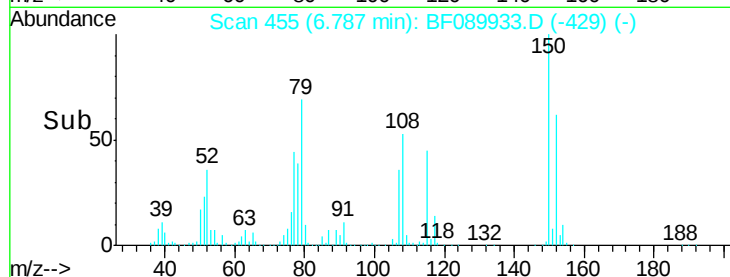
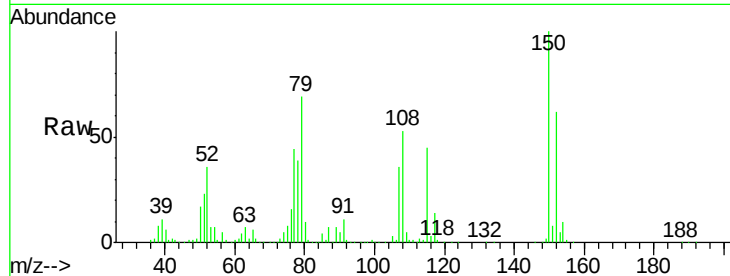
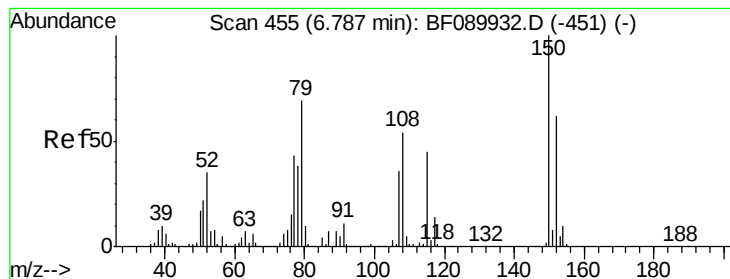


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.70 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

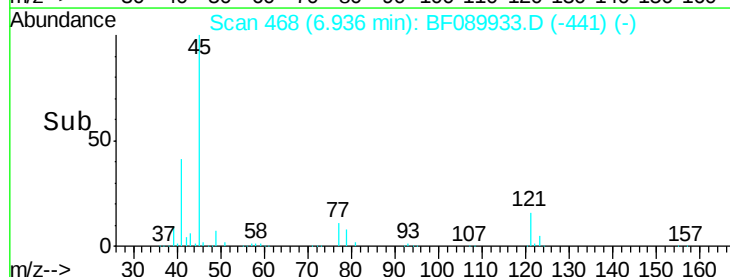
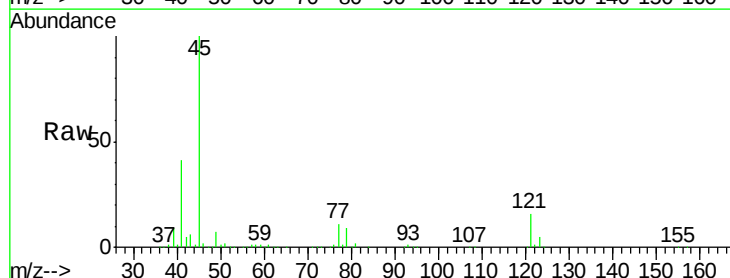
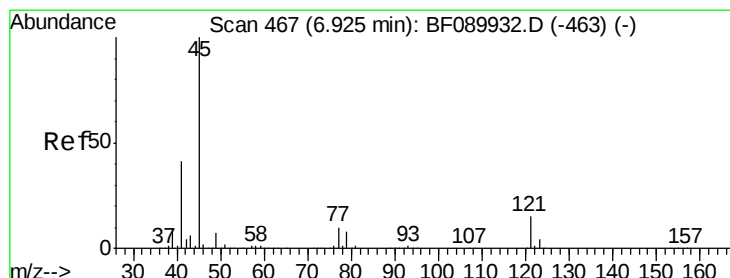
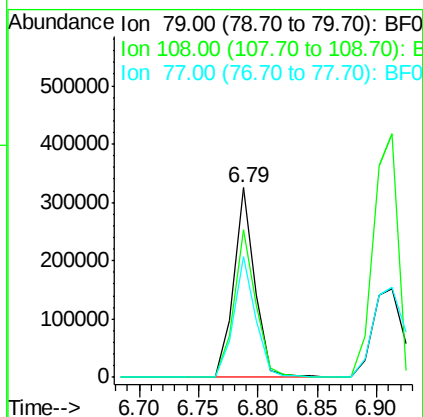
Tgt Ion: 79 Resp: 404886

Ion Ratio Lower Upper

79 100

108 77.8 62.1 93.1

77 64.0 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.90 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

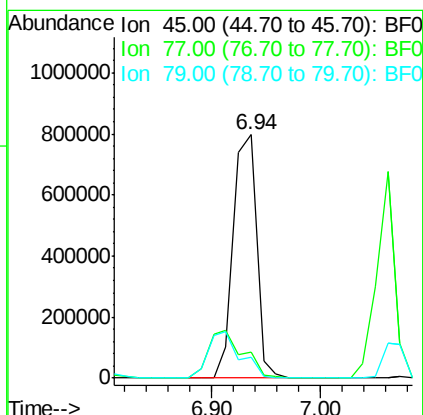
Tgt Ion: 45 Resp: 1174453

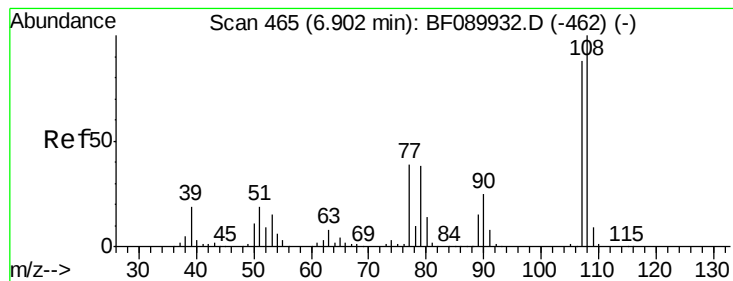
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.3

79 8.7 0.0 27.5

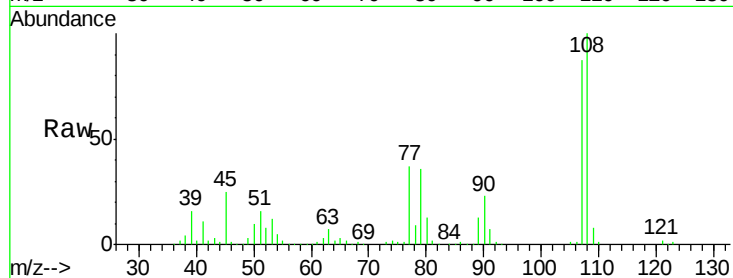




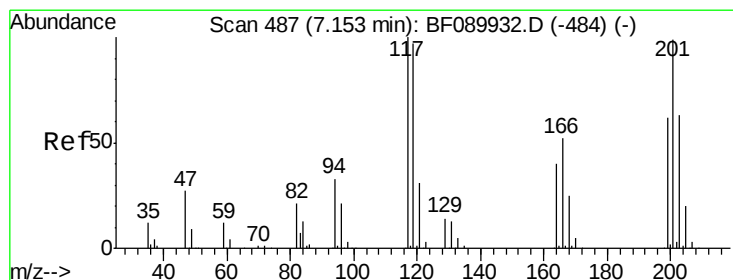
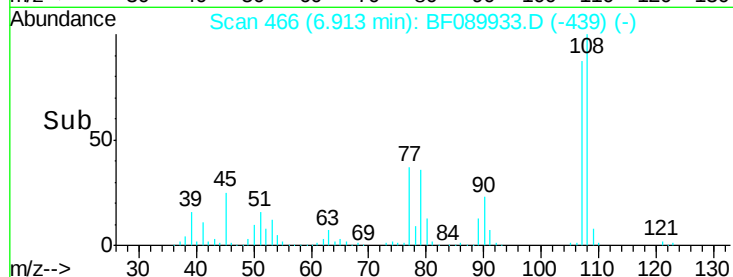
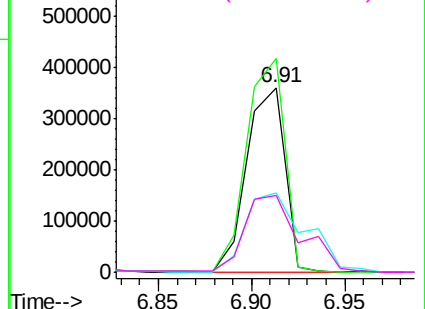
#17
 2-Methylphenol
 Concen: 49.40 ng
 RT: 6.91 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:107 Resp: 511105
 Ion Ratio Lower Upper
 107 100
 108 115.5 91.8 137.6
 77 42.8 36.0 54.0
 79 41.8 35.9 53.9

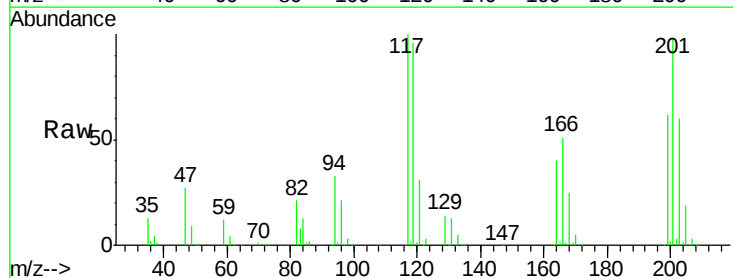


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

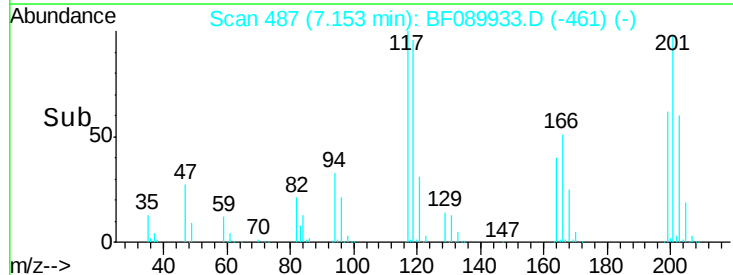
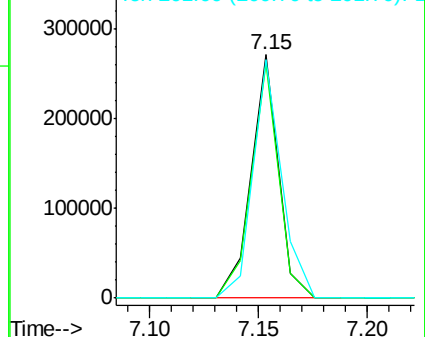


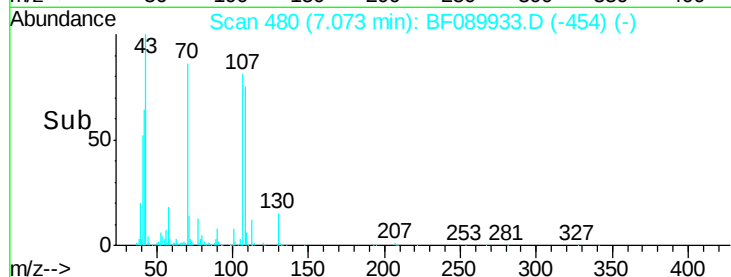
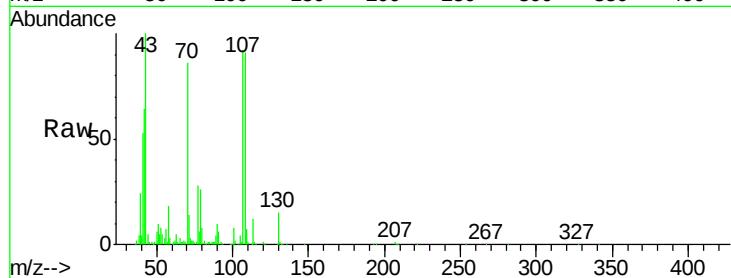
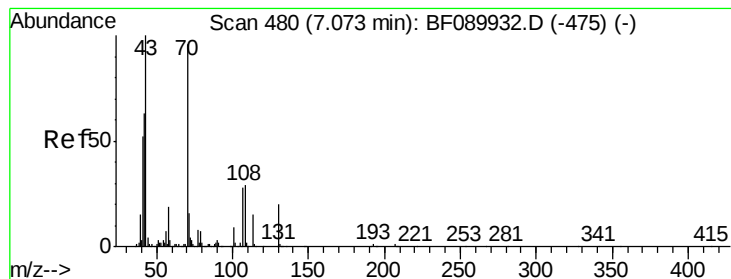
#18
 Hexachloroethane
 Concen: 46.35 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:117 Resp: 235630
 Ion Ratio Lower Upper
 117 100
 119 96.4 76.2 114.2
 201 98.0 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: 43.34 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 70 Resp: 416084

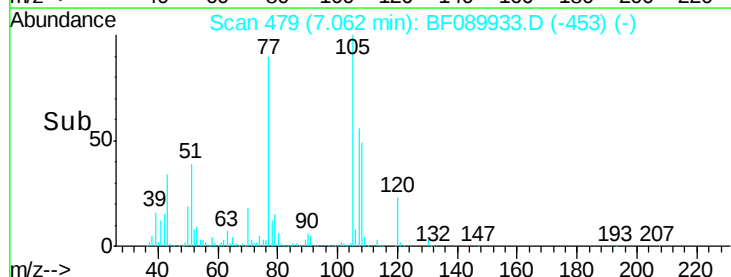
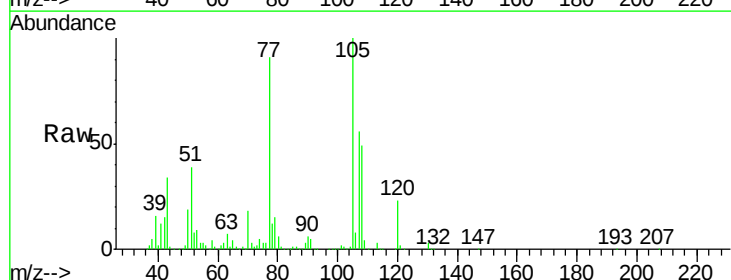
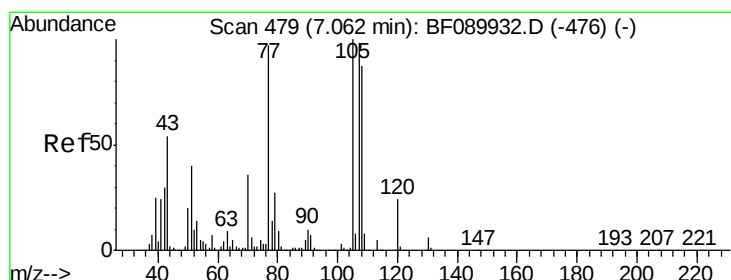
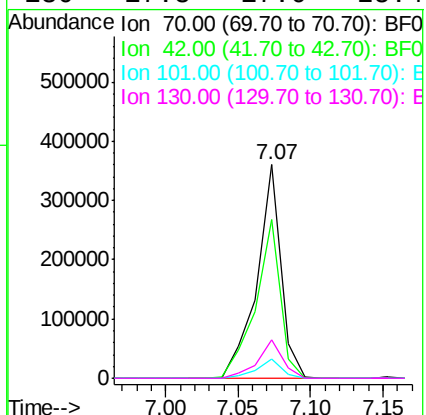
Ion Ratio Lower Upper

70 100

42 74.3 52.1 78.1

101 9.2 7.4 11.2

130 17.8 17.0 25.4



#20

3+4-Methylphenols

Concen: 45.84 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion: 107 Resp: 571974

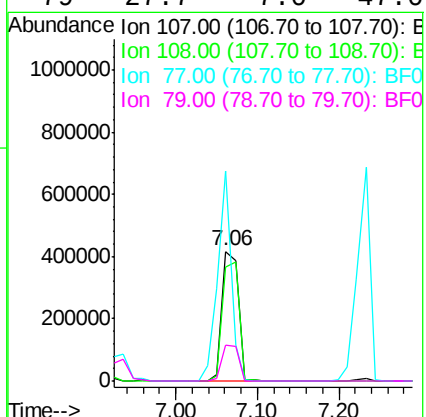
Ion Ratio Lower Upper

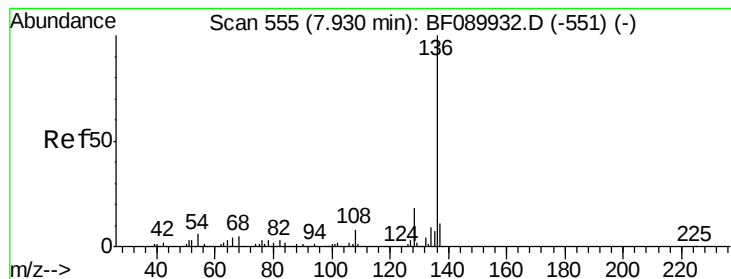
107 100

108 87.6 70.2 110.2

77 161.7 75.7 115.7#

79 27.7 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: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 747816

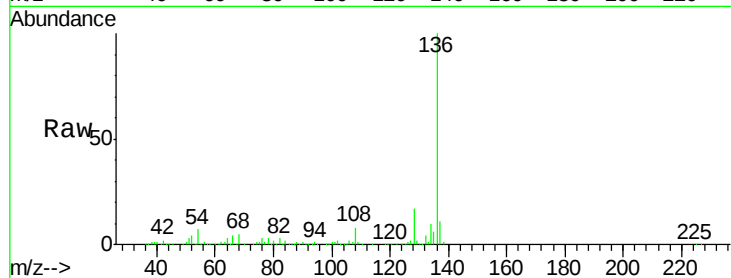
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 6.7 4.8 7.2

68 4.9 3.7 5.5

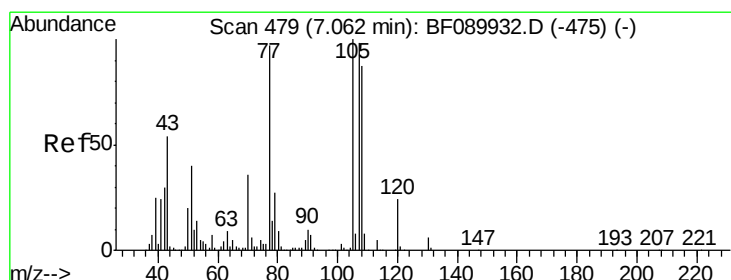
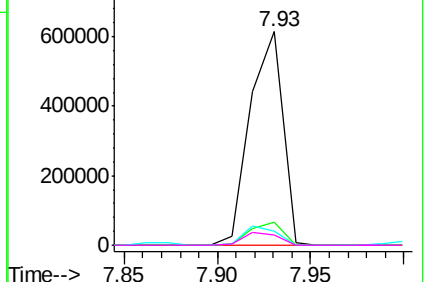
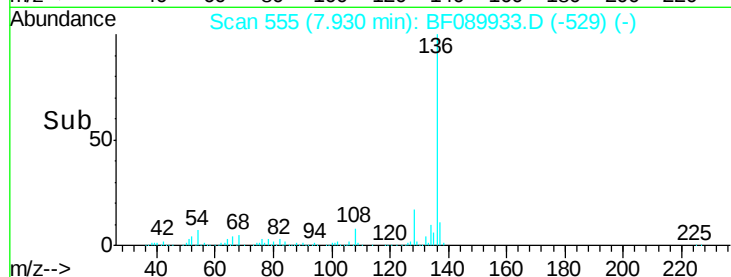


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.81 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion:105 Resp: 806714

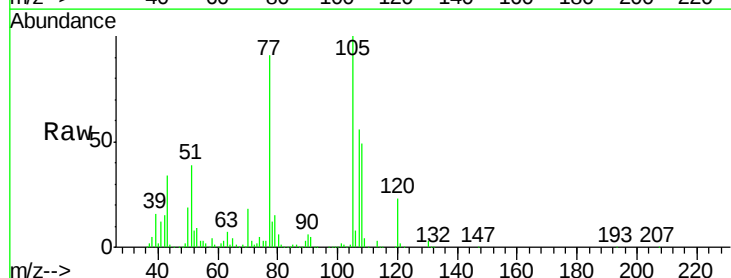
Ion Ratio Lower Upper

105 100

71 3.1 5.3 7.9#

51 39.1 32.6 48.8

120 22.9 18.6 28.0

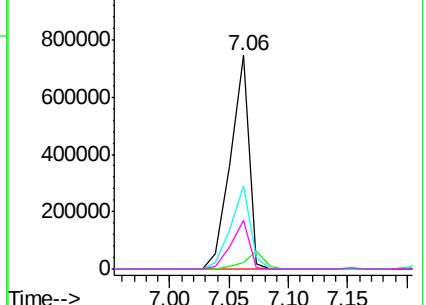
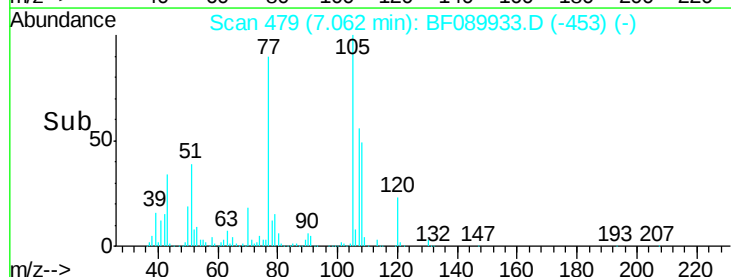


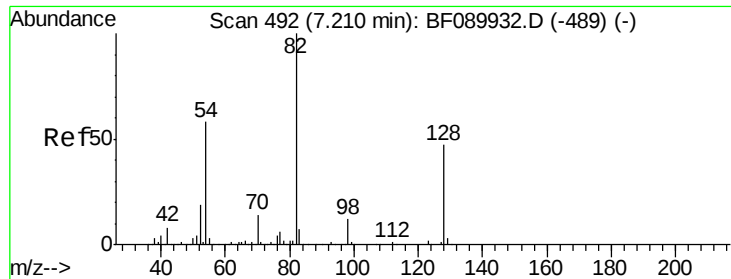
Abundance Ion 105.00 (104.70 to 105.70): E

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

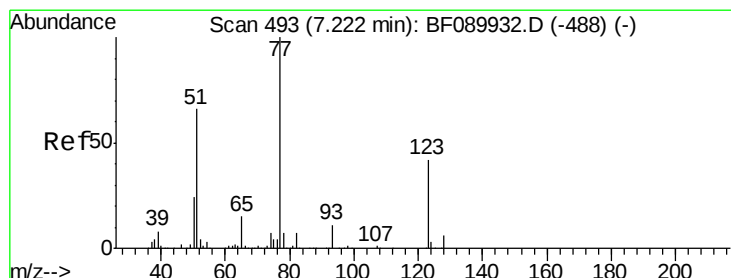
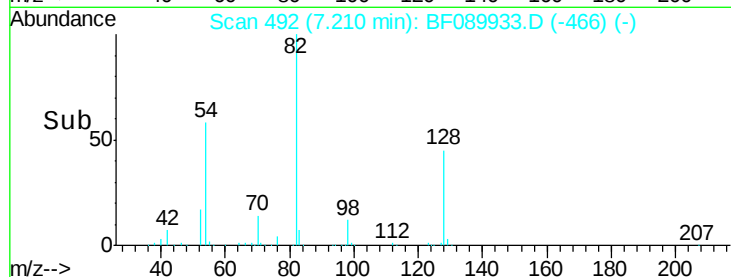
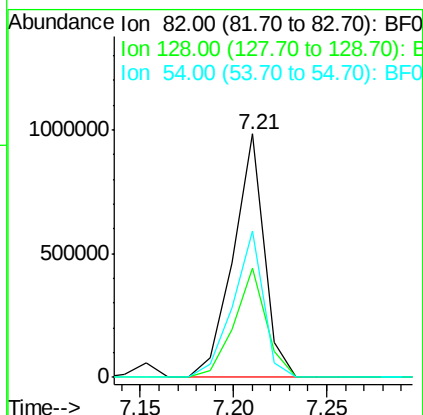
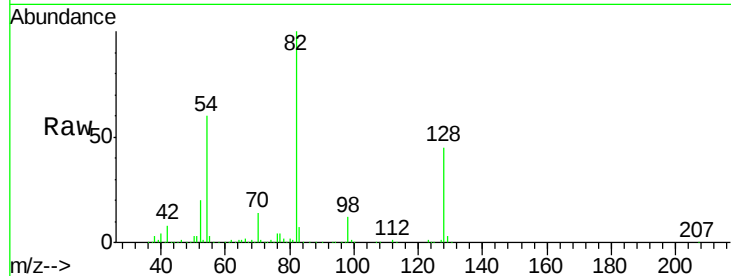




#23
 Nitrobenzene-d5
 Concen: 44.99 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

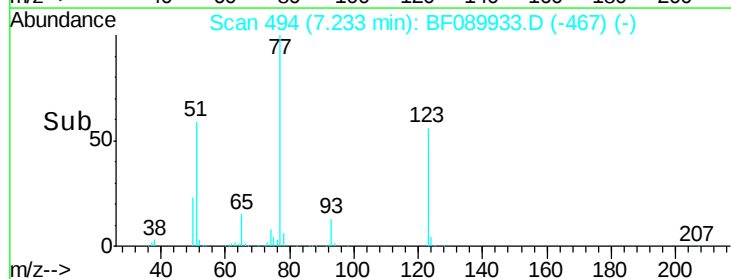
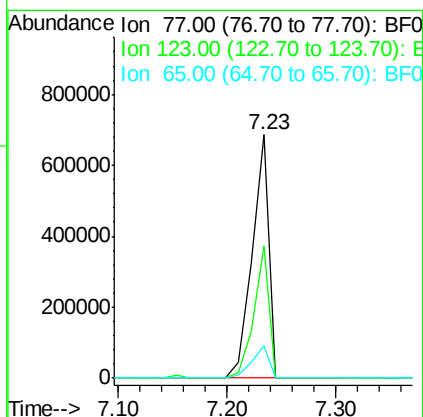
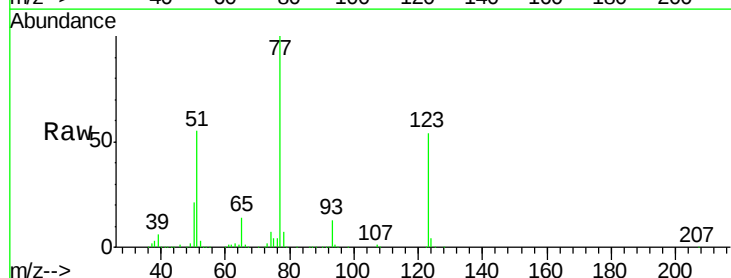
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

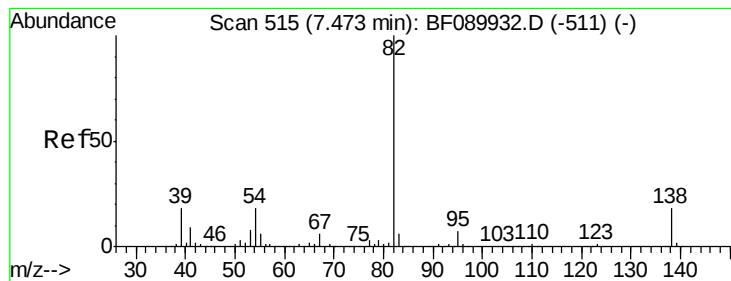
Tgt Ion: 82 Resp: 1145648
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.8 56.8
 54 60.2 46.9 70.3



#24
 Nitrobenzene
 Concen: 53.87 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion: 77 Resp: 725084
 Ion Ratio Lower Upper
 77 100
 123 54.4 32.0 48.0#
 65 13.5 11.2 16.8





#25

Isophorone

Concen: 46.96 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

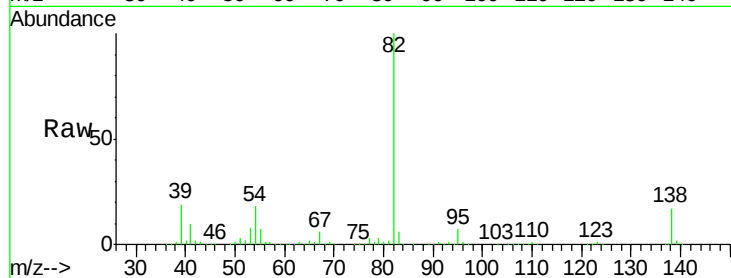
Tgt Ion: 82 Resp: 1224699

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

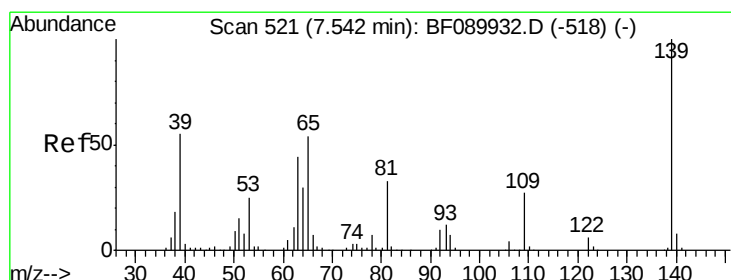
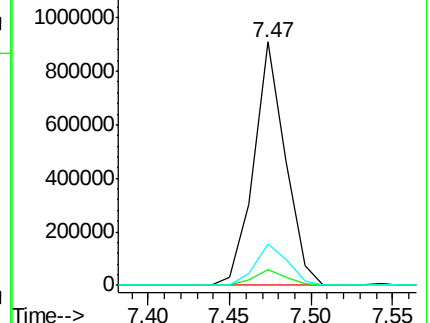
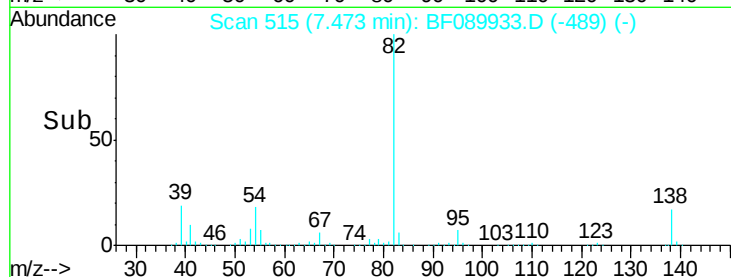
138 16.8 14.4 21.6



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: 47.90 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

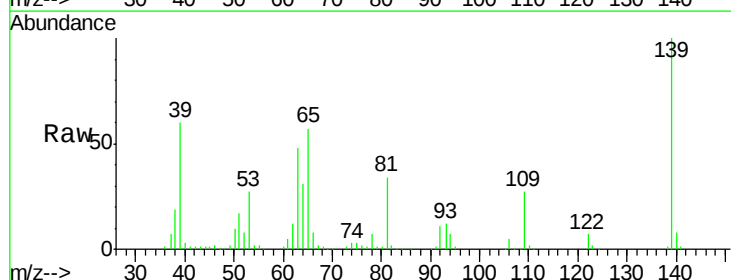
Tgt Ion: 139 Resp: 310238

Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.4

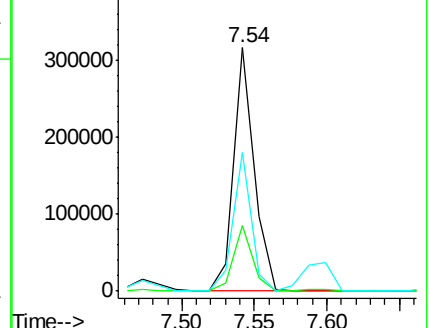
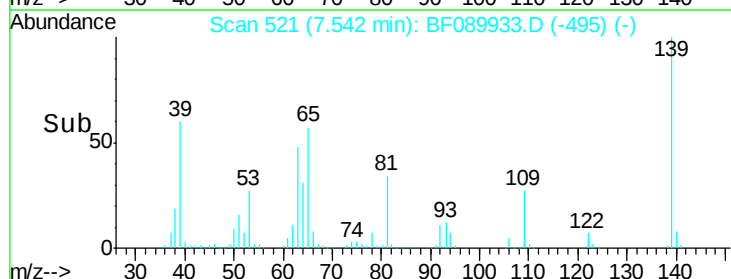
65 57.0 43.4 65.0

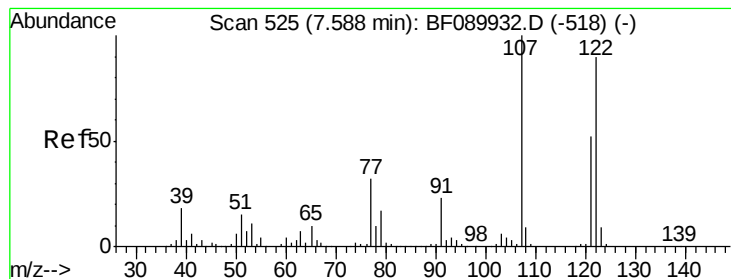


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.59 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

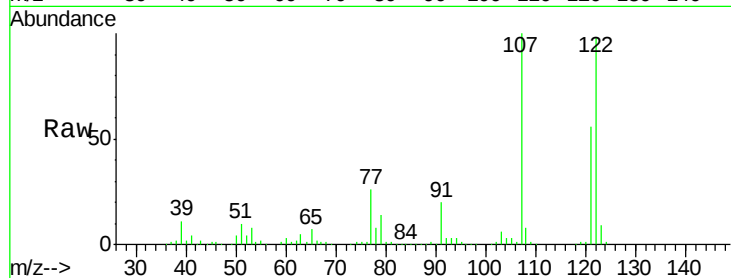
Tgt Ion:122 Resp: 621212

Ion Ratio Lower Upper

122 100

107 102.2 88.5 132.7

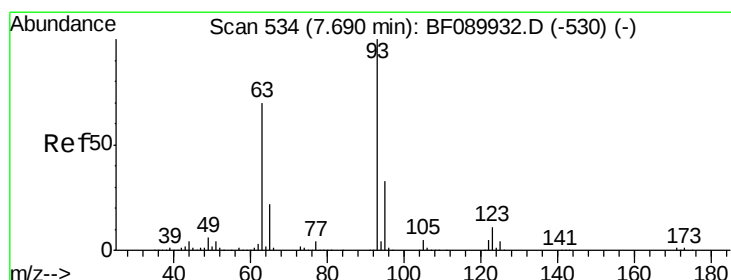
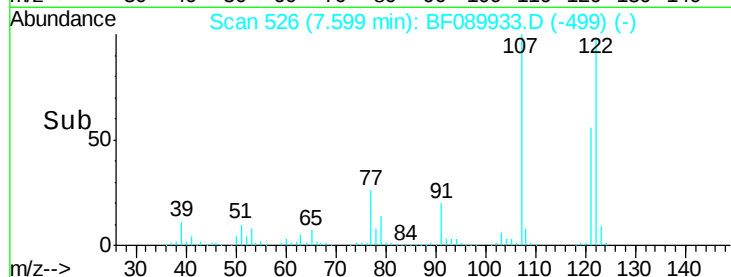
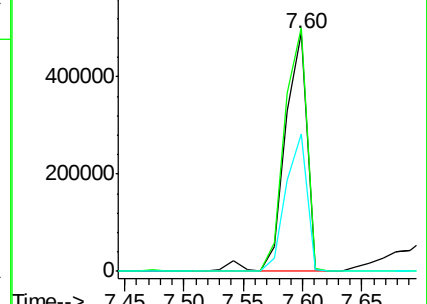
121 57.7 46.0 69.0



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: 46.63 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

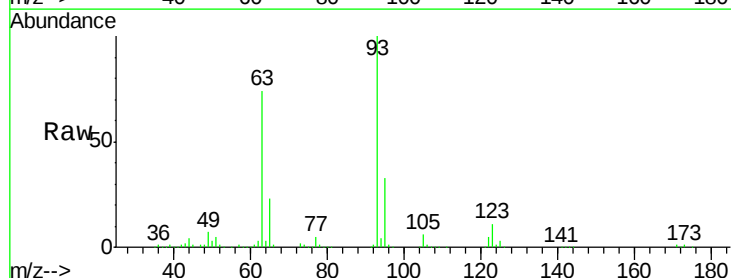
Tgt Ion: 93 Resp: 737795

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

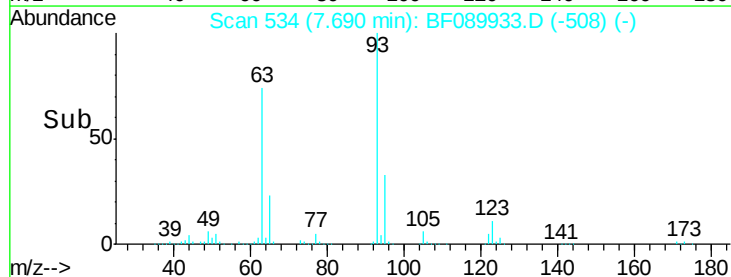
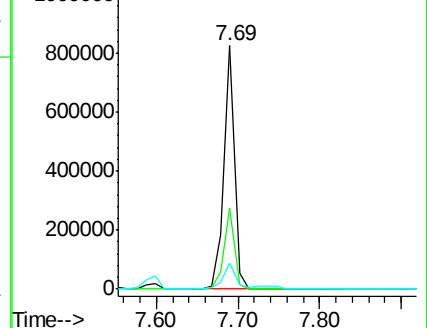
123 10.7 9.1 13.7

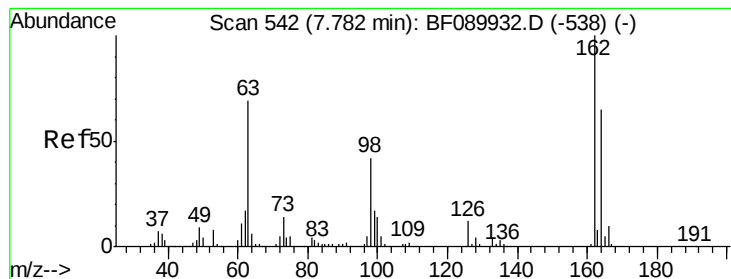


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.85 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

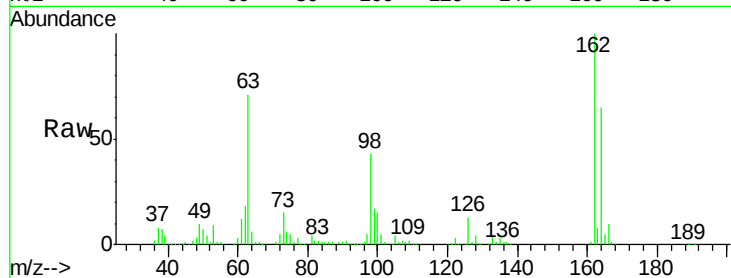
Tgt Ion:162 Resp: 512953

Ion Ratio Lower Upper

162 100

164 65.5 46.6 86.6

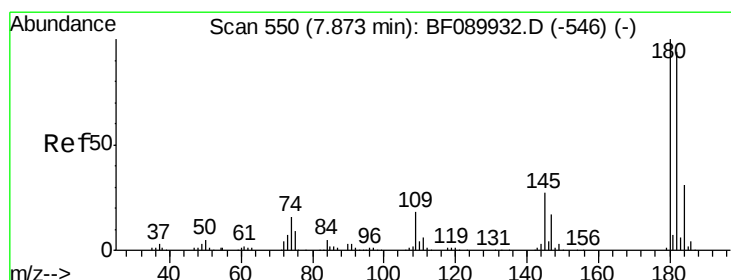
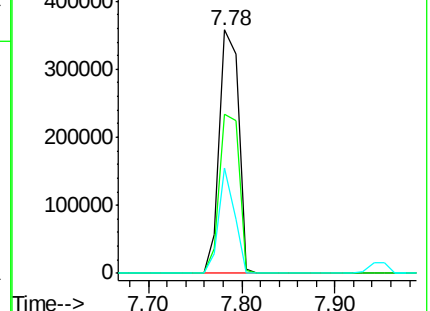
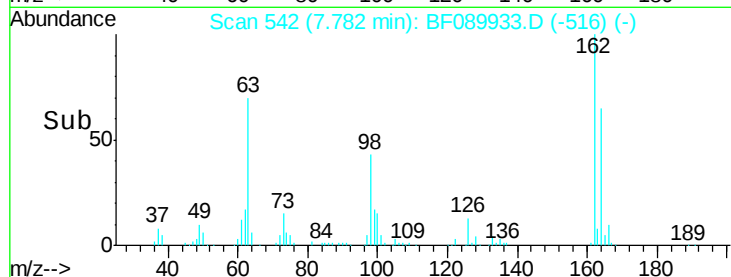
98 43.3 22.0 62.0



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: 49.18 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

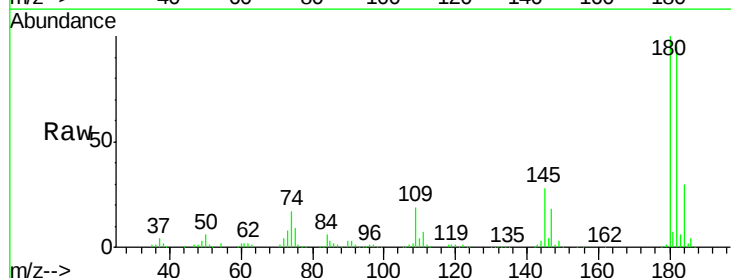
Tgt Ion:180 Resp: 581457

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

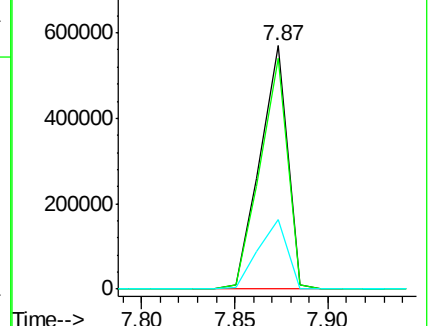
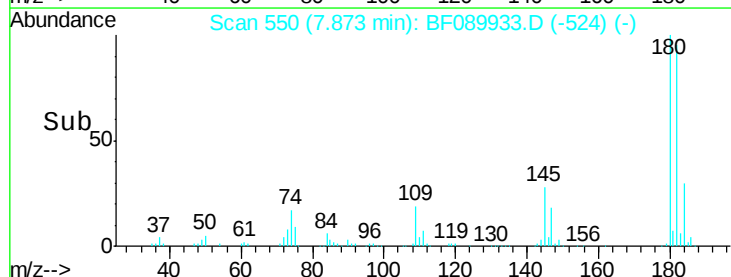
145 28.4 22.2 33.4

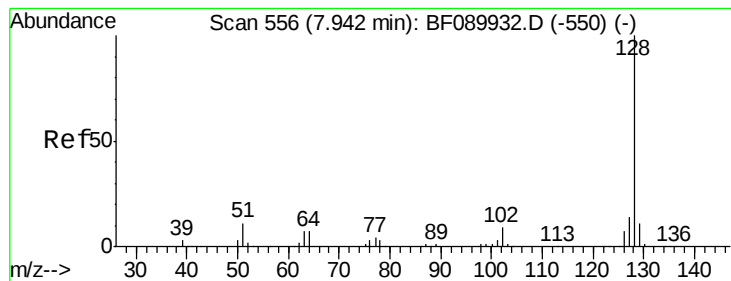


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.88 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

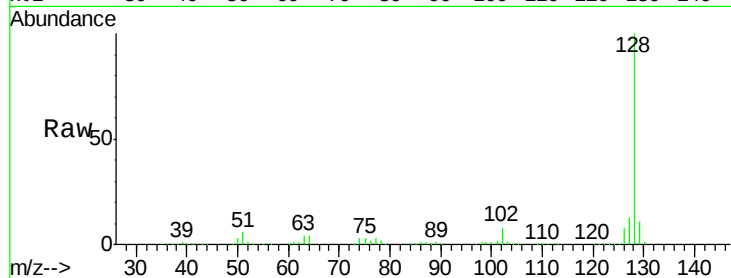
Tgt Ion:128 Resp: 1705896

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

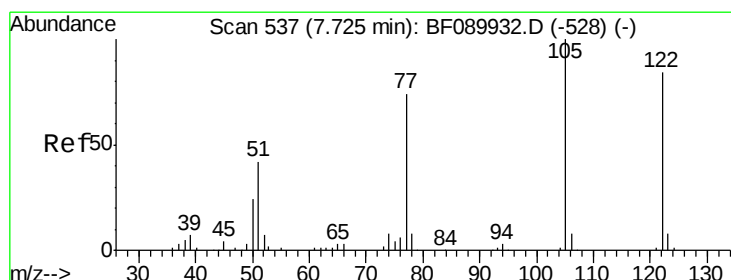
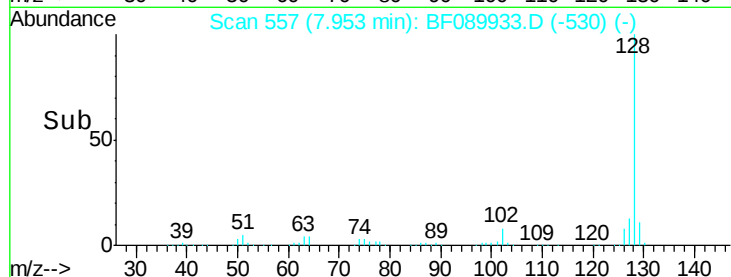
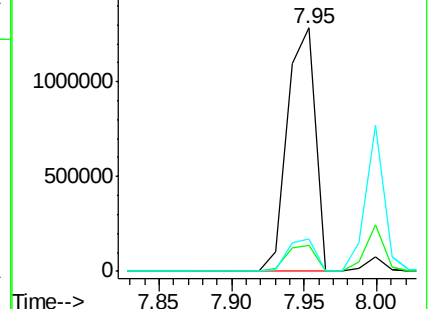
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 57.24 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

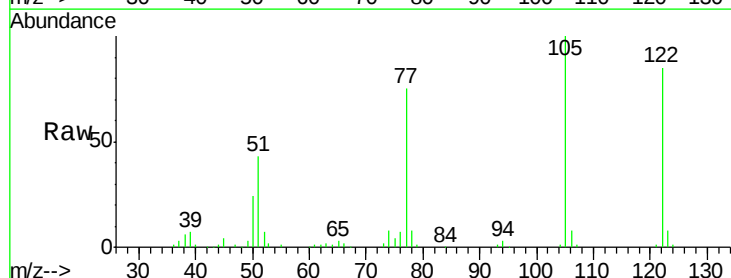
Tgt Ion:122 Resp: 459600

Ion Ratio Lower Upper

122 100

105 117.2 102.2 142.2

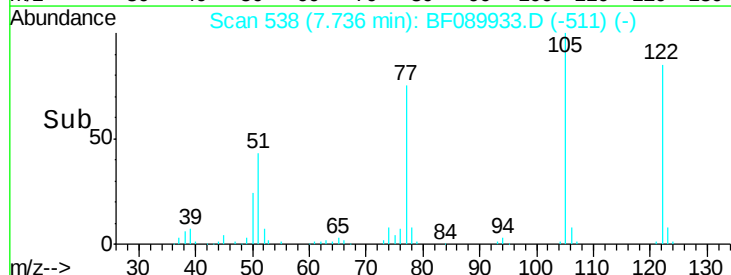
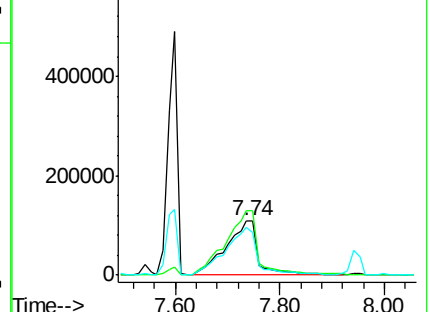
77 87.7 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

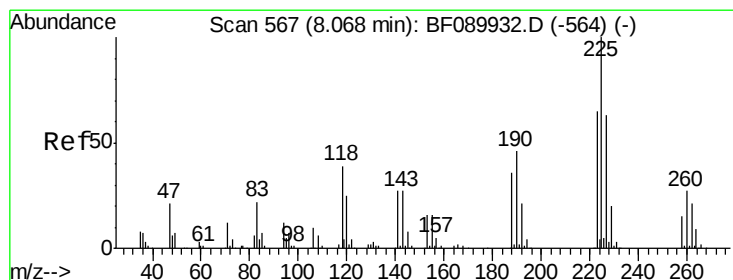
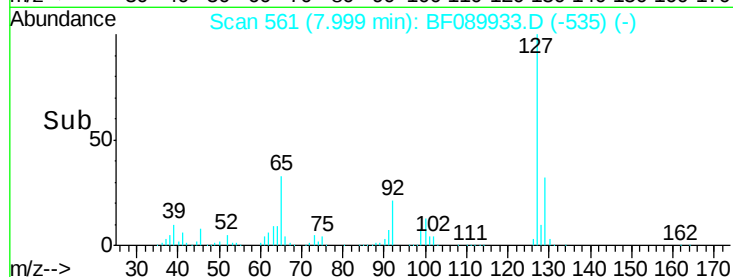
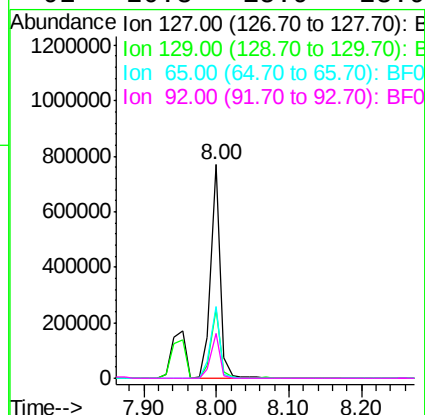
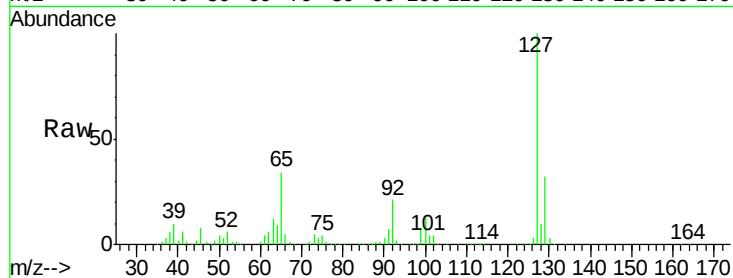




#33
4-Chloroaniline
Concen: 46.94 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

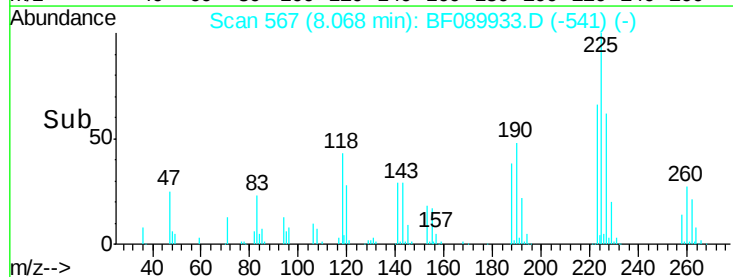
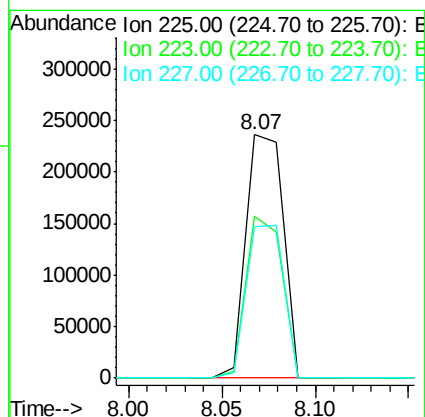
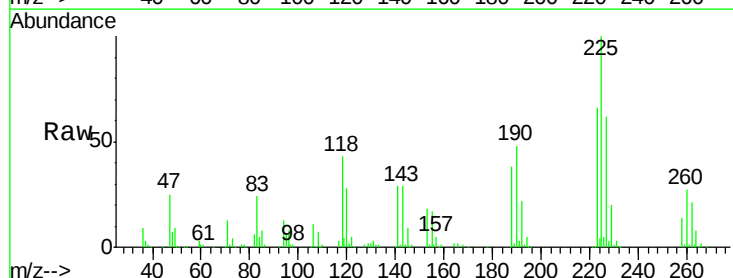
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

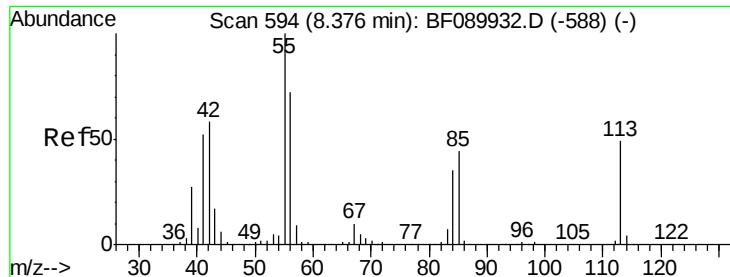
Tgt Ion:	127	Resp:	700075
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	33.7	26.0	39.0
92	20.8	15.9	23.9



#34
Hexachlorobutadiene
Concen: 47.13 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion:	225	Resp:	326580
Ion	Ratio	Lower	Upper
225	100		
223	66.4	52.6	78.8
227	62.2	50.8	76.2

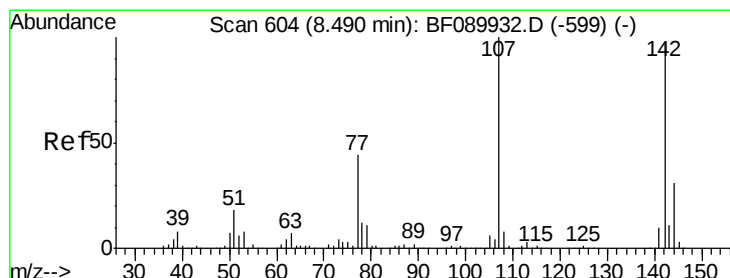
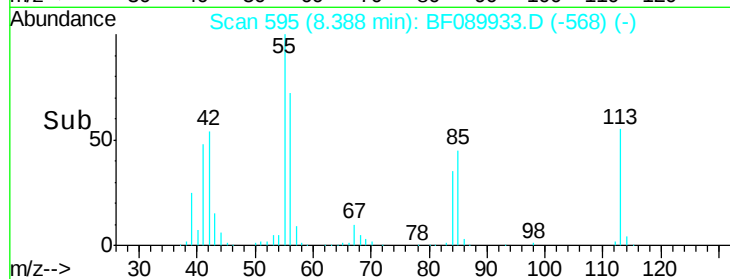
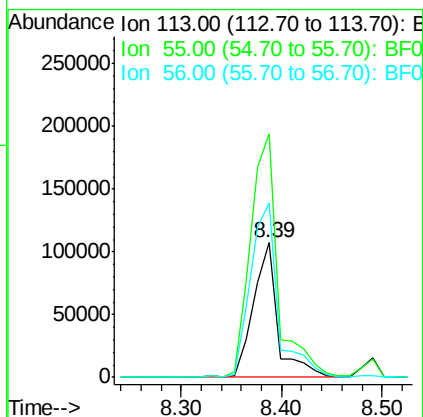
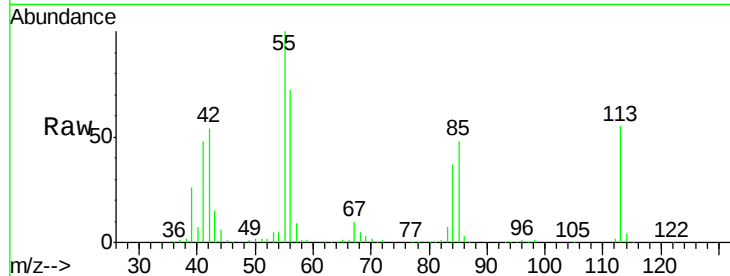




#35
 Caprolactam
 Concen: 53.38 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

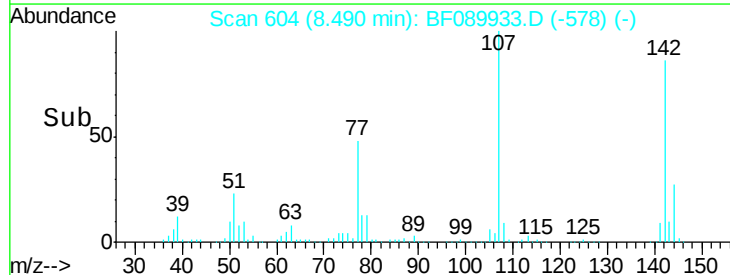
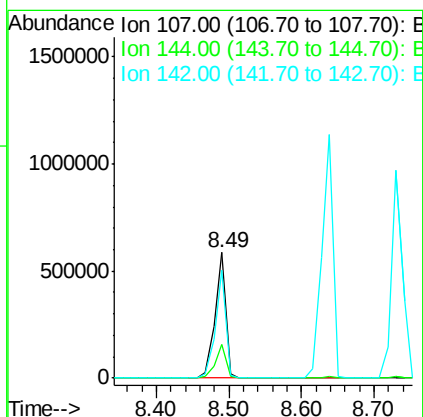
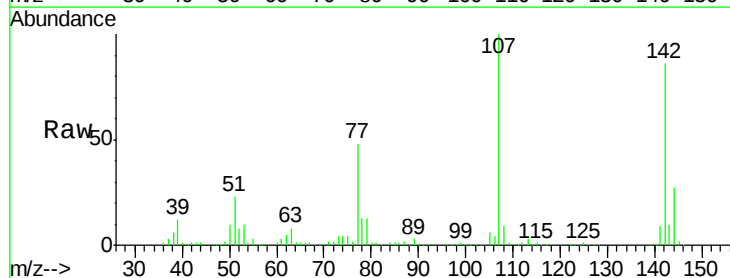
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

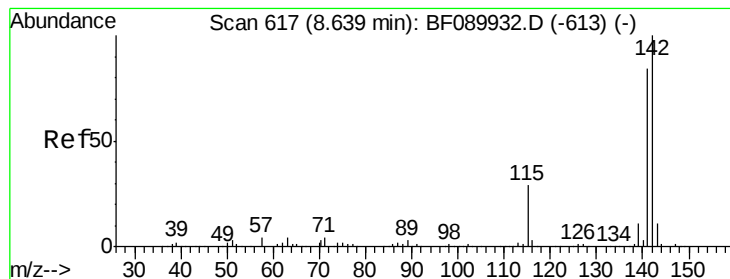
Tgt Ion:113 Resp: 181584
 Ion Ratio Lower Upper
 113 100
 55 180.9 178.5 218.5
 56 129.6 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 53.35 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:107 Resp: 601607
 Ion Ratio Lower Upper
 107 100
 144 27.3 25.8 38.8
 142 85.8 79.2 118.8





#37

2-Methylnaphthalene

Concen: 49.09 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

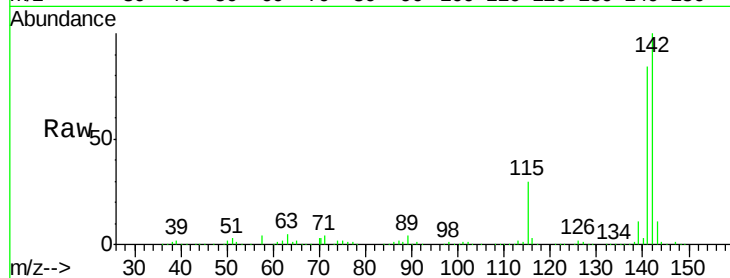
Tgt Ion:142 Resp: 1199937

Ion Ratio Lower Upper

142 100

141 84.3 68.3 102.5

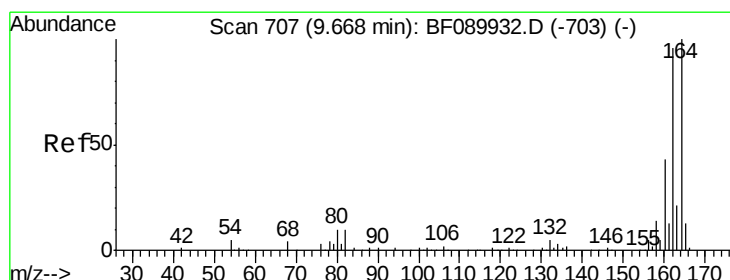
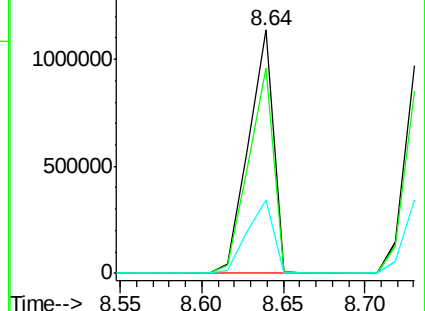
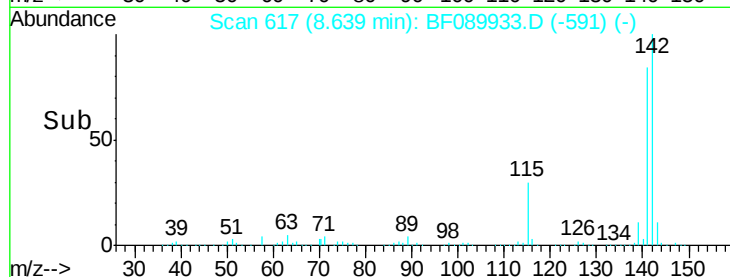
115 30.4 23.8 35.8



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: BF089933.D

Acq: 31 Aug 2016 4:33

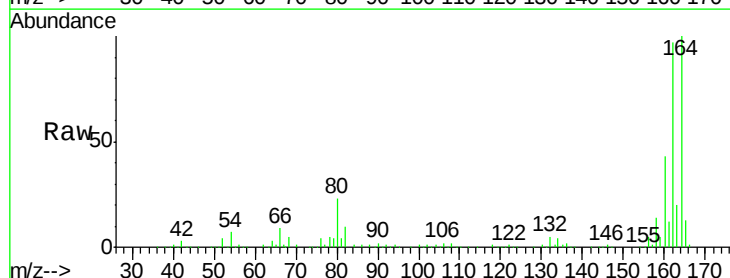
Tgt Ion:164 Resp: 373611

Ion Ratio Lower Upper

164 100

162 97.3 77.1 115.7

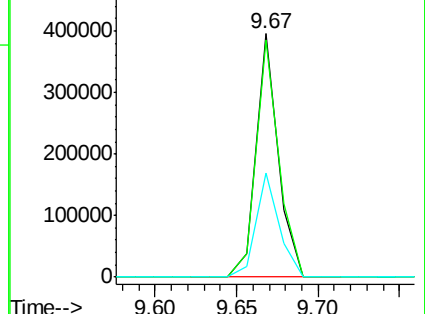
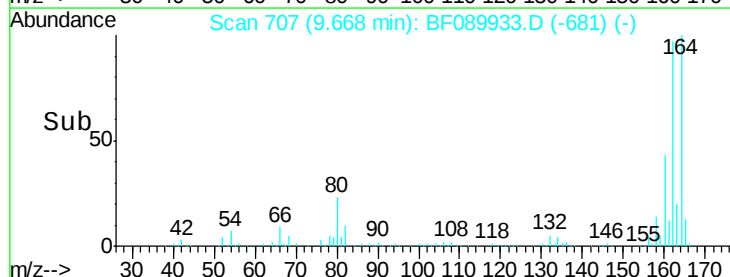
160 42.9 35.3 52.9

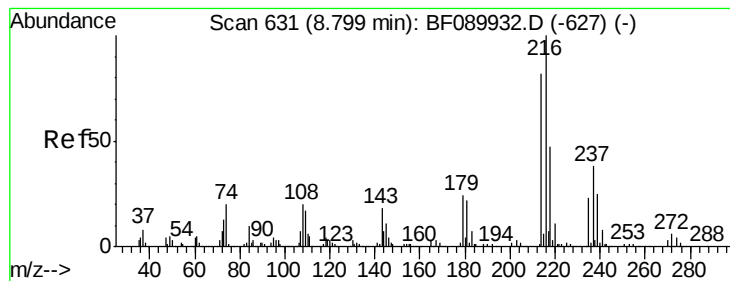


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.09 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:216 Resp: 486495

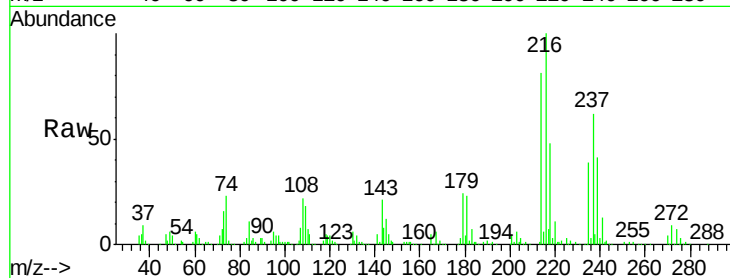
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 20.6 17.3 25.9

108 18.2 15.5 23.3

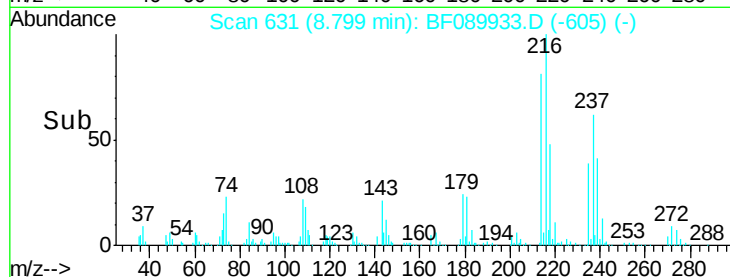


Abundance Ion 216.00 (215.70 to 216.70): E

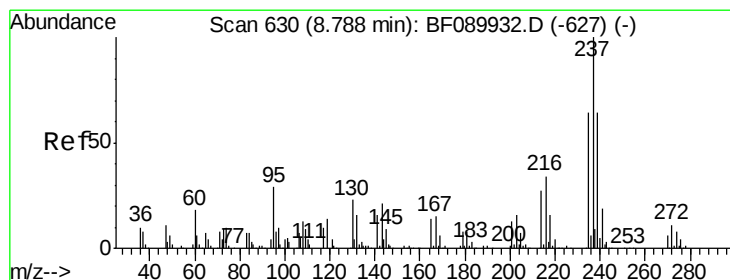
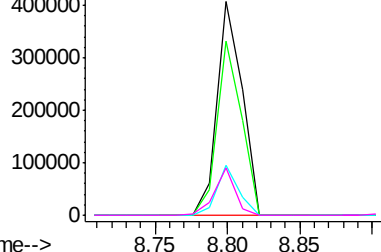
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 54.75 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

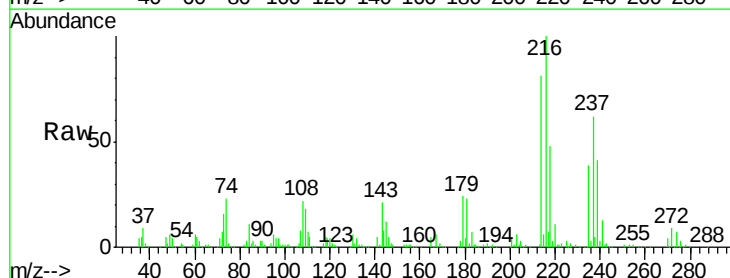
Tgt Ion:237 Resp: 309579

Ion Ratio Lower Upper

237 100

235 63.0 39.6 79.6

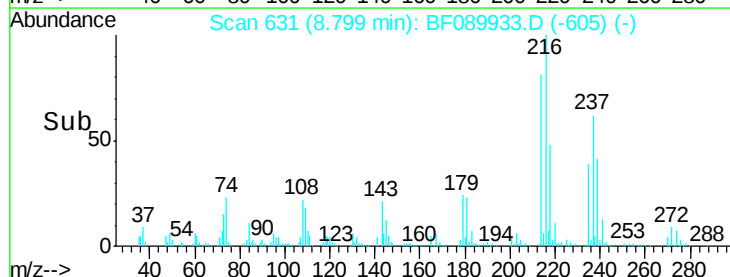
272 14.0 0.0 34.6



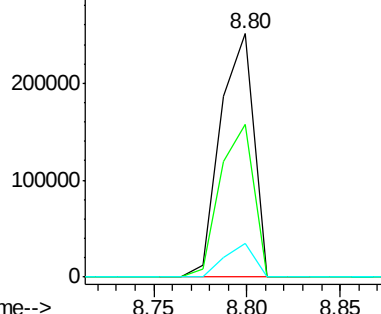
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

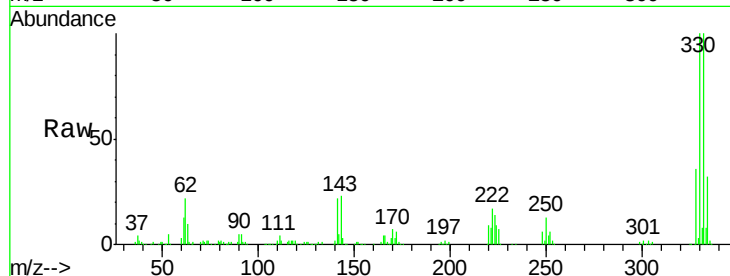




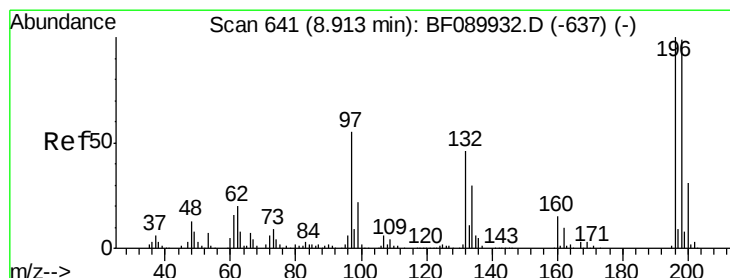
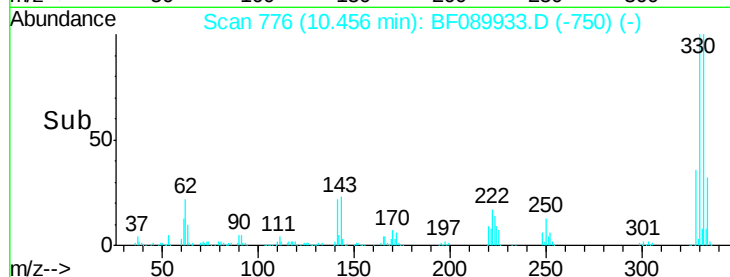
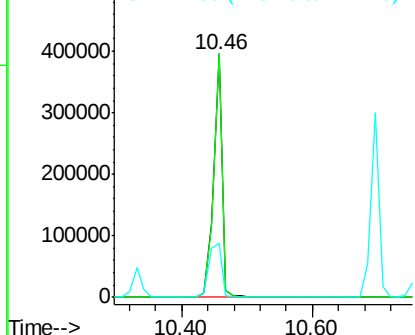
#41
 2,4,6-Tribromophenol
 Concen: 52.59 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:330 Resp: 373290
 Ion Ratio Lower Upper
 330 100
 332 99.2 78.6 117.8
 141 32.7 23.3 34.9

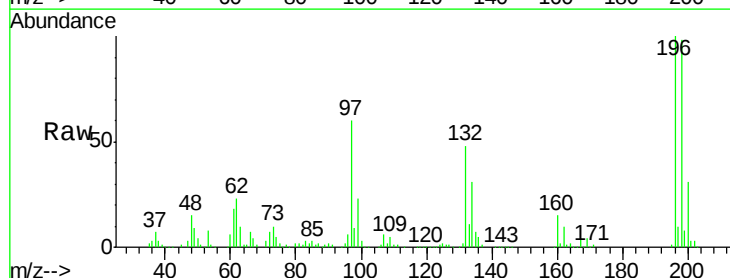


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

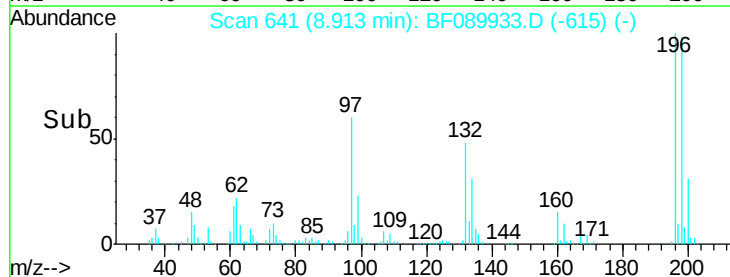
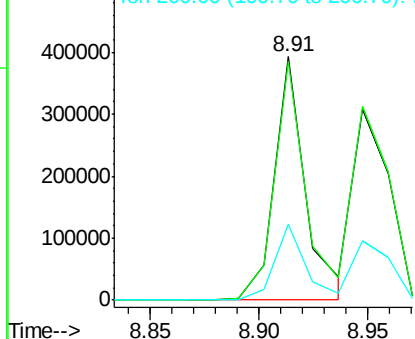


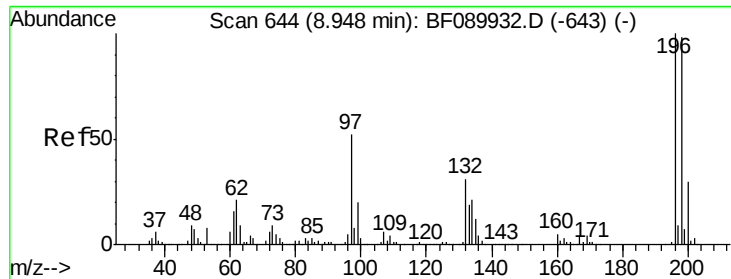
#42
 2,4,6-Trichlorophenol
 Concen: 51.83 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:196 Resp: 392380
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.3 117.5
 200 31.2 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

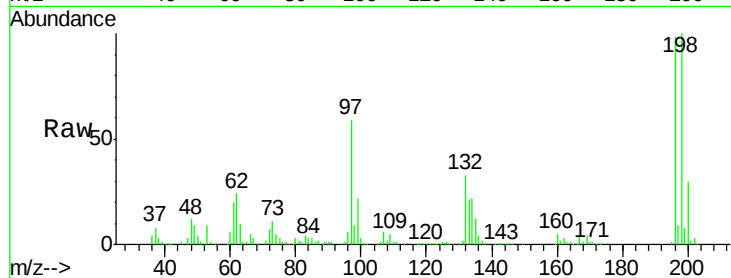




#43
 2,4,5-Trichlorophenol
 Concen: 48.20 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Resp	Lower	Upper
196	360590		
198	101.8	80.8	121.2
97	60.5	44.2	66.4
132	33.1	25.8	38.6



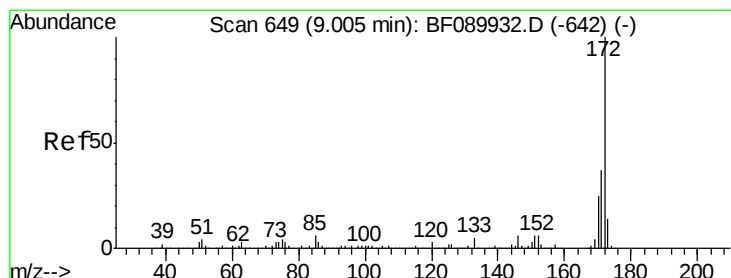
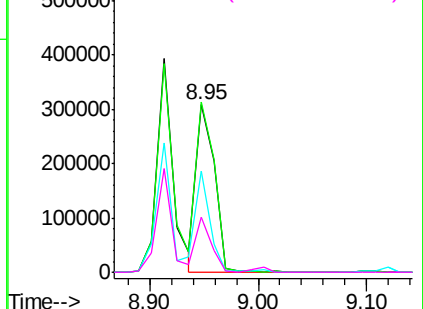
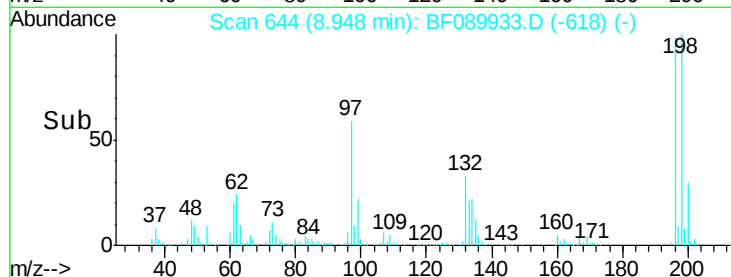
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

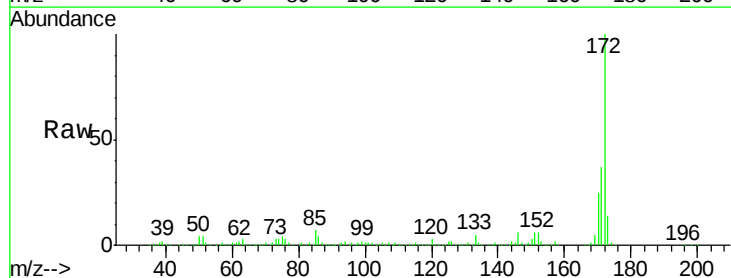
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 43.82 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion	Resp	Lower	Upper
172	1986785		
171	37.0	29.4	44.2
170	25.0	20.1	30.1

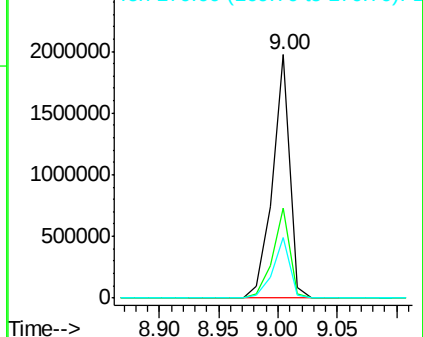
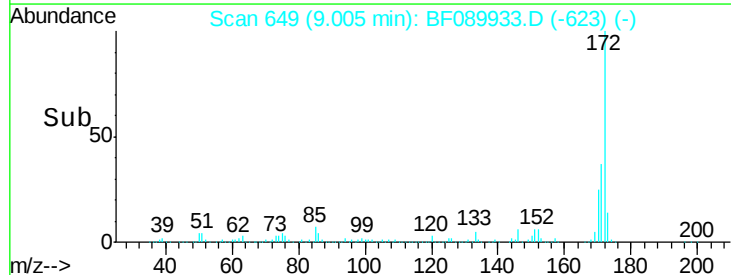


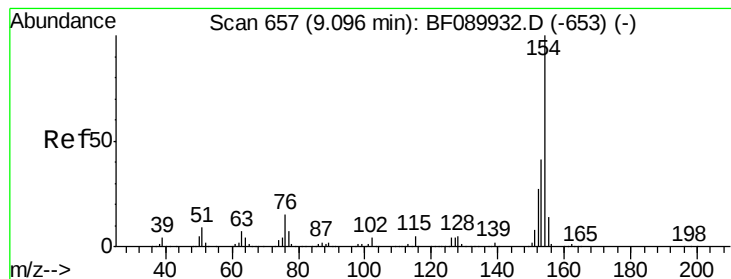
Abundance

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: 47.29 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

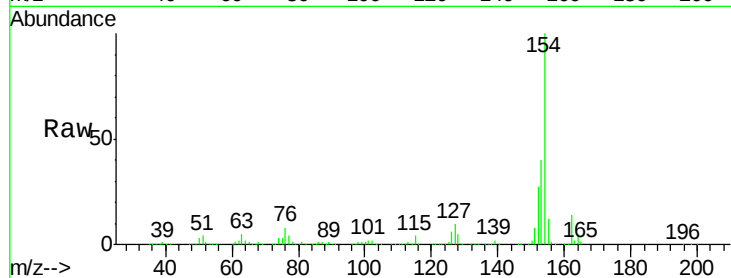
Tgt Ion:154 Resp: 1453728

Ion Ratio Lower Upper

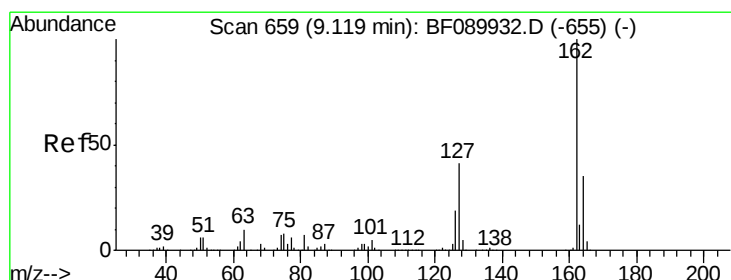
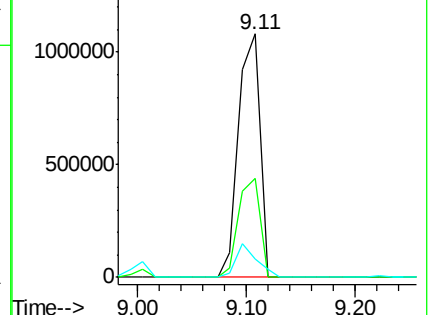
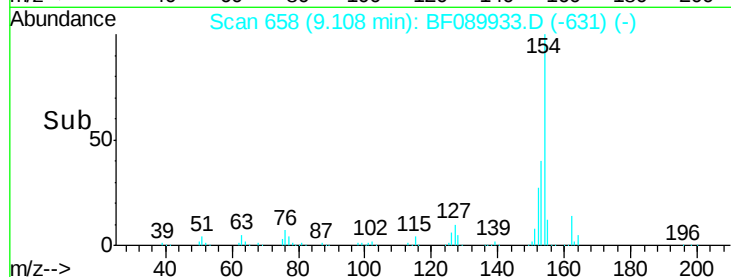
154 100

153 40.5 20.6 60.6

76 7.5 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: 45.63 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

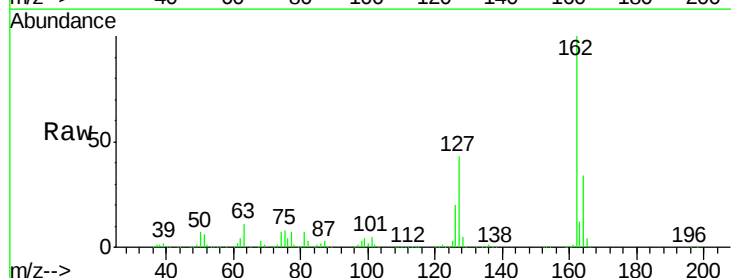
Tgt Ion:162 Resp: 970824

Ion Ratio Lower Upper

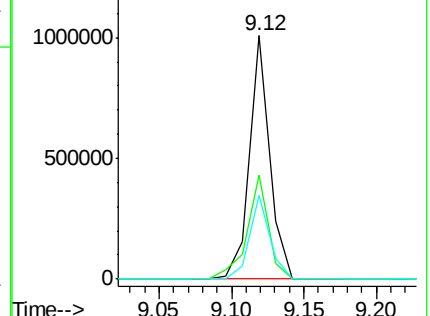
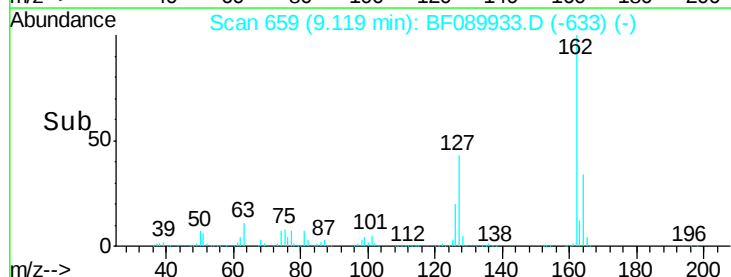
162 100

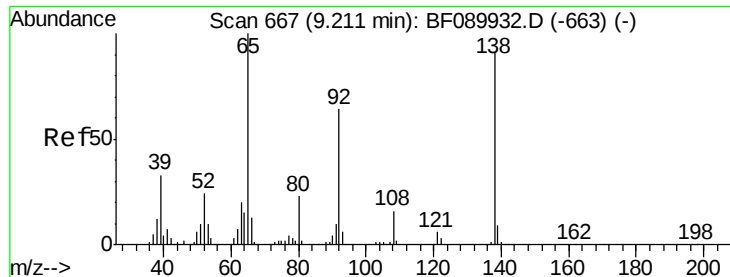
127 42.7 33.5 50.3

164 34.2 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: 58.20 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

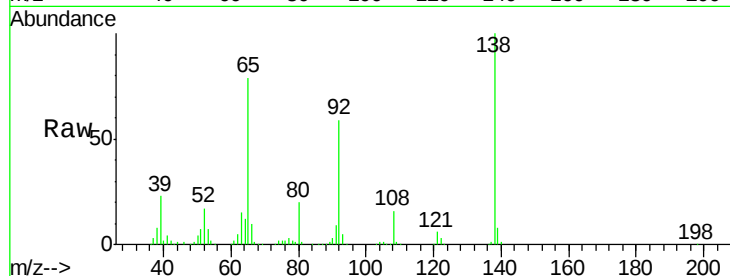
Tgt Ion: 65 Resp: 400411

Ion Ratio Lower Upper

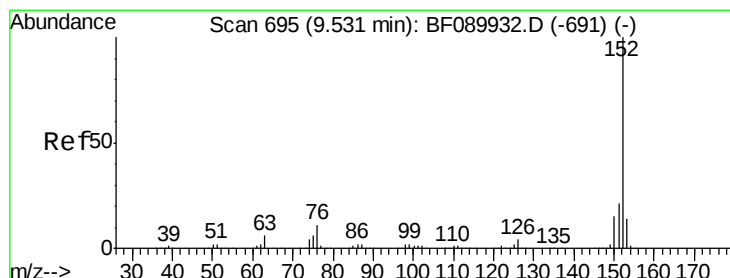
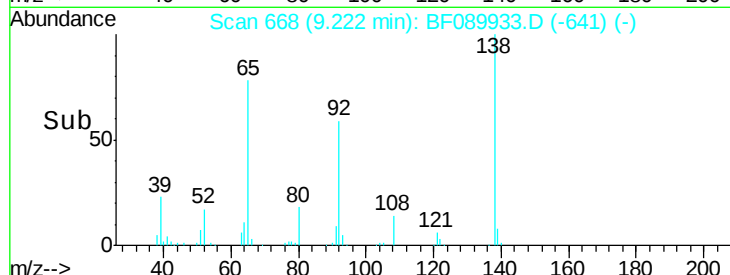
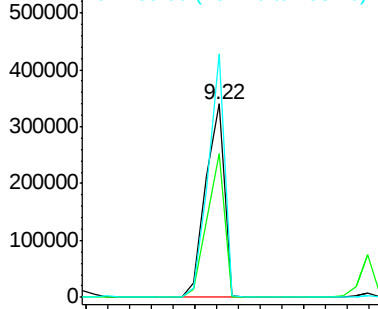
65 100

92 74.3 52.0 78.0

138 125.9 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): E



#48

Acenaphthylene

Concen: 45.78 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

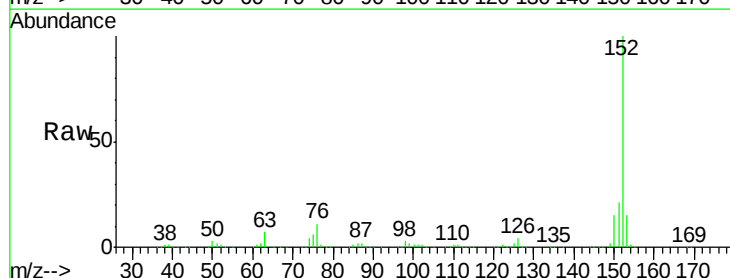
Tgt Ion: 152 Resp: 1602568

Ion Ratio Lower Upper

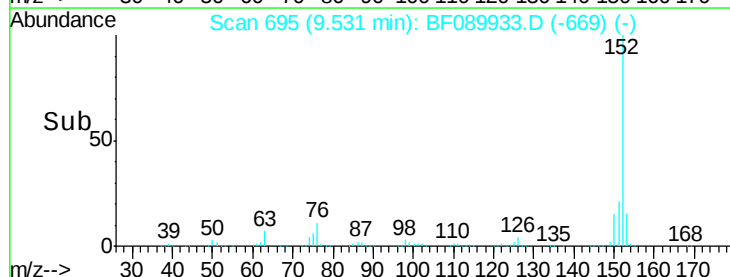
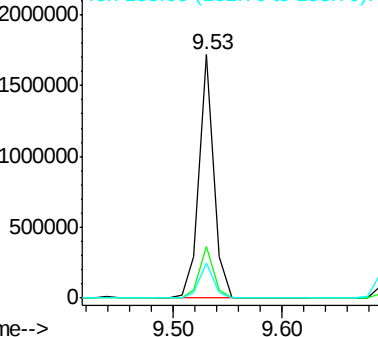
152 100

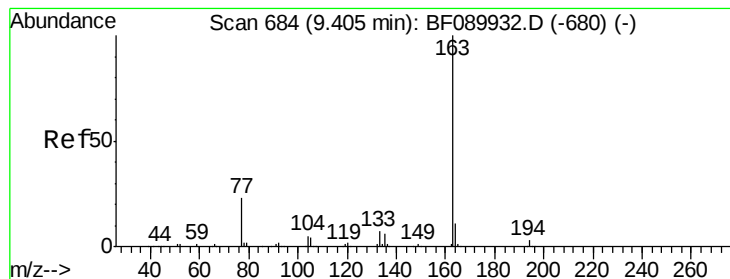
151 21.0 16.7 25.1

153 14.6 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: 53.54 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

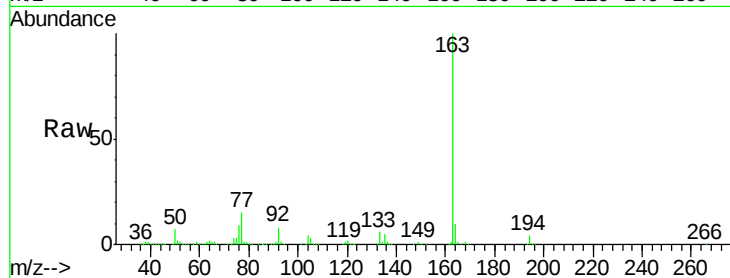
Tgt Ion:163 Resp: 1391706

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

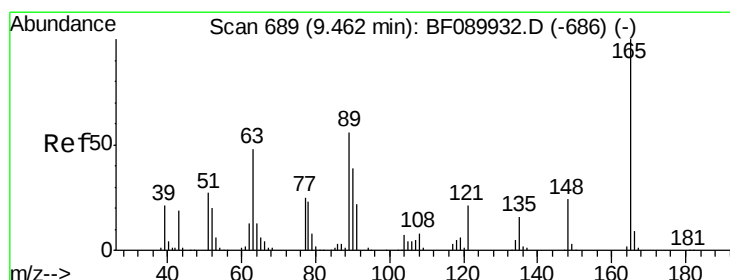
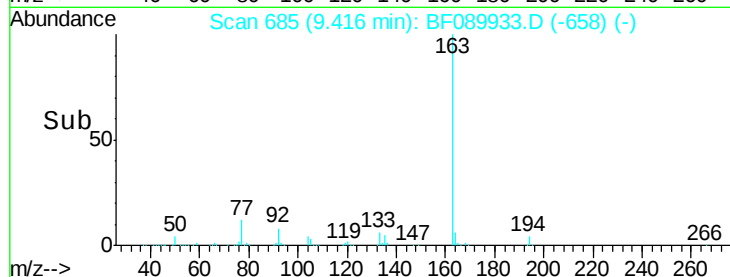
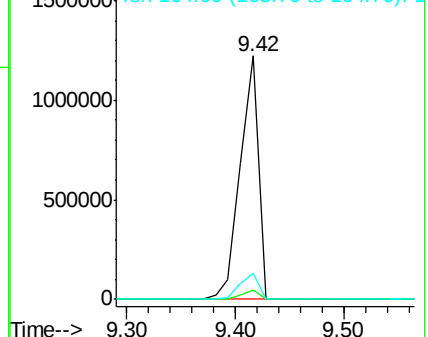
164 10.4 9.0 13.4



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: 45.43 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

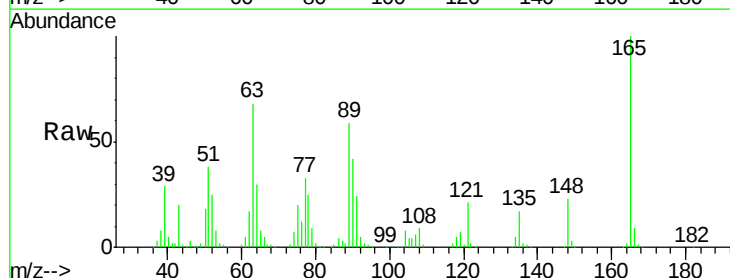
Tgt Ion:165 Resp: 280059

Ion Ratio Lower Upper

165 100

63 67.8 45.0 67.4#

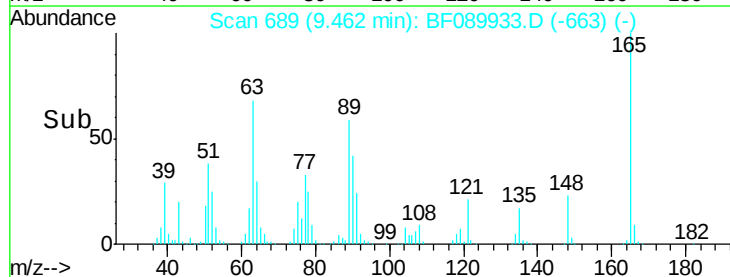
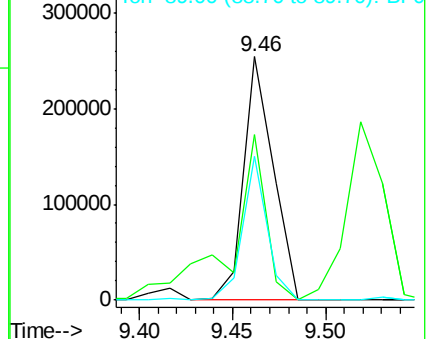
89 59.1 41.5 62.3

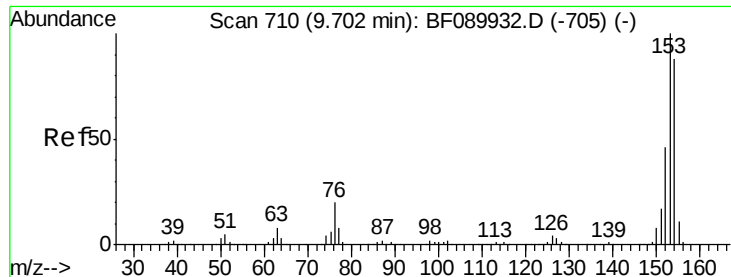


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.51 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

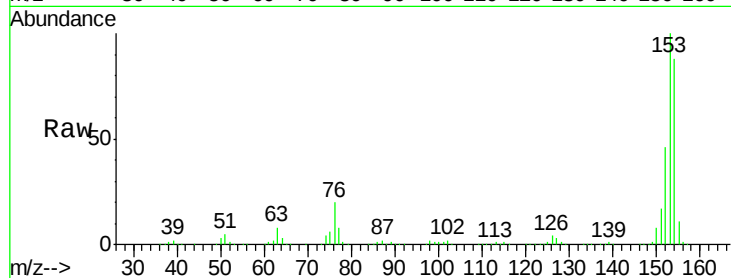
Tgt Ion:154 Resp: 1027824

Ion Ratio Lower Upper

154 100

153 114.2 90.6 135.8

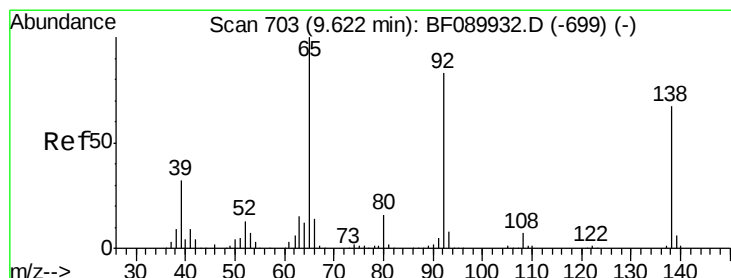
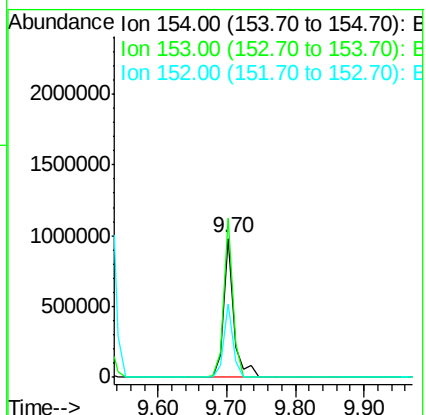
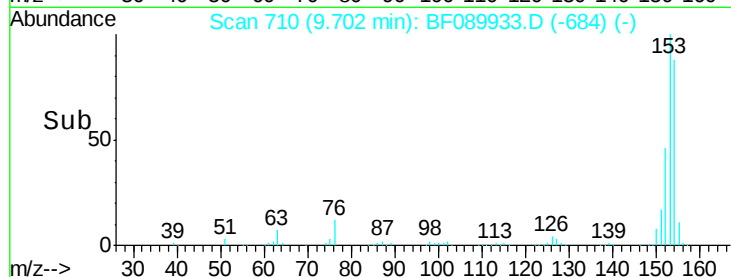
152 52.4 42.4 63.6



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: 59.97 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

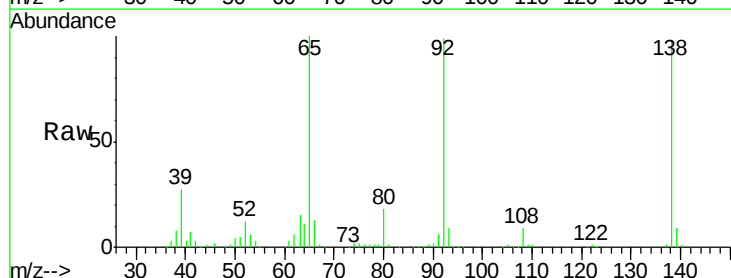
Tgt Ion:138 Resp: 390846

Ion Ratio Lower Upper

138 100

108 9.2 8.3 12.5

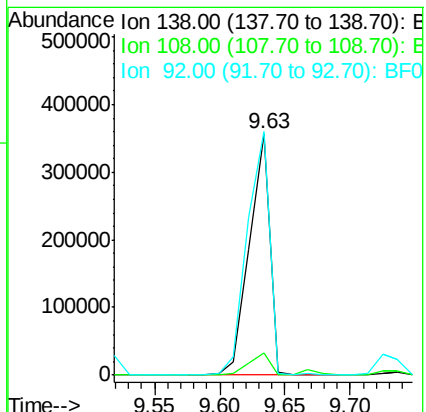
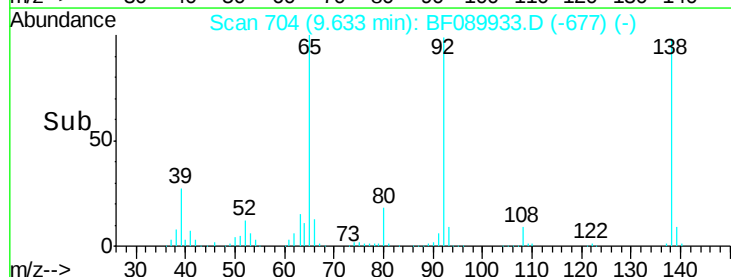
92 100.9 99.1 148.7

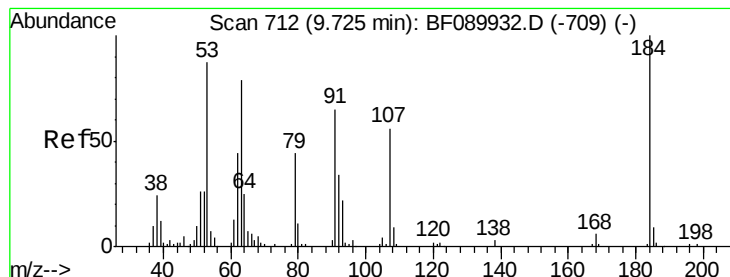


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 67.93 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

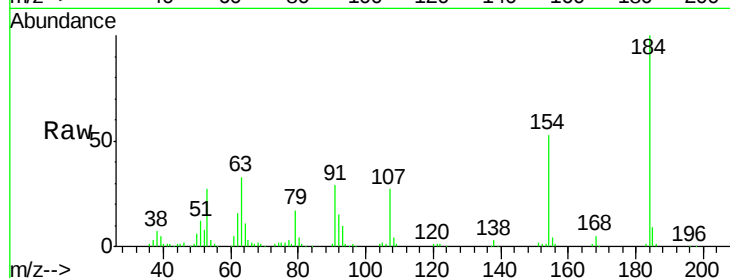
Tgt Ion:184 Resp: 169720

Ion Ratio Lower Upper

184 100

63 32.9 73.9 110.9#

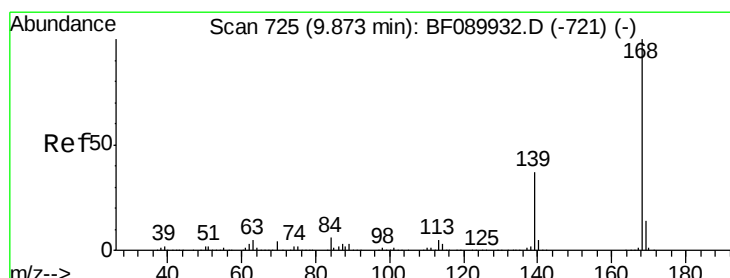
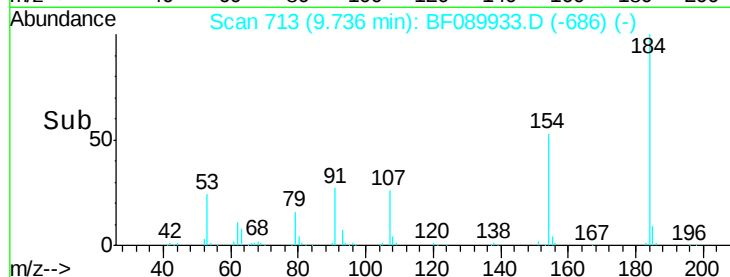
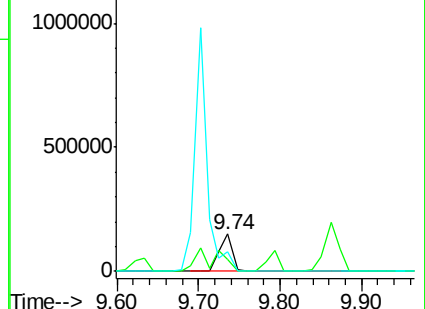
154 53.5 53.5 80.3#



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: 46.28 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

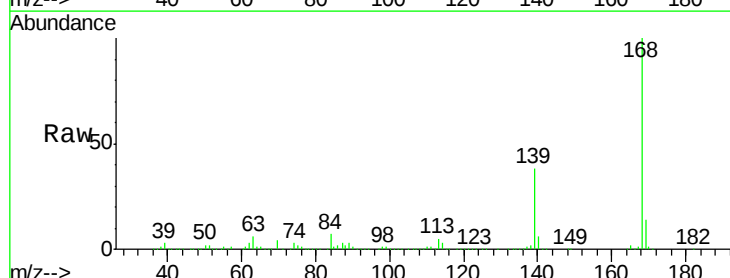
Tgt Ion:168 Resp: 1356923

Ion Ratio Lower Upper

168 100

139 37.7 29.5 44.3

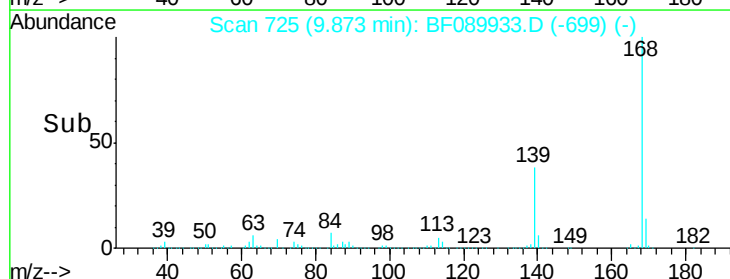
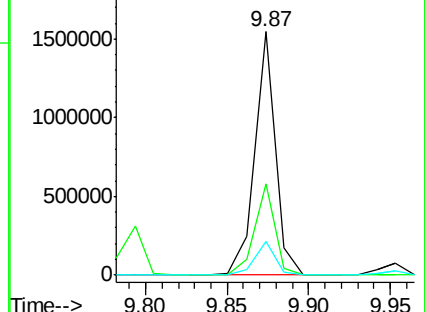
169 13.9 10.8 16.2



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: 57.38 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

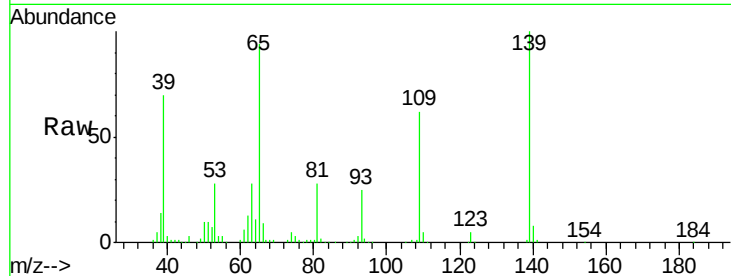
Tgt Ion:139 Resp: 299926

Ion Ratio Lower Upper

139 100

109 62.0 31.3 71.3

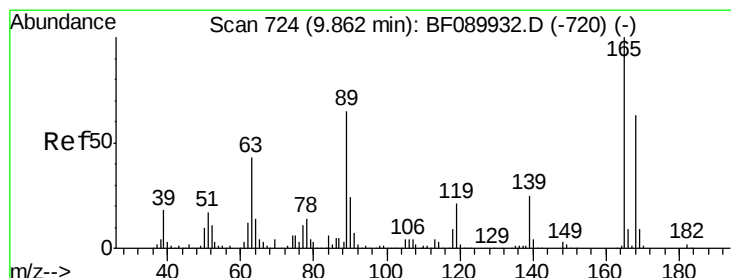
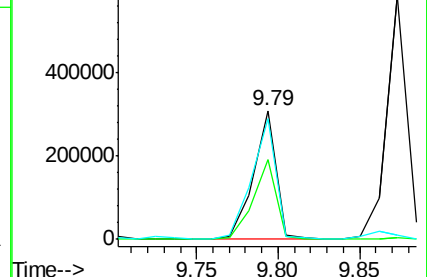
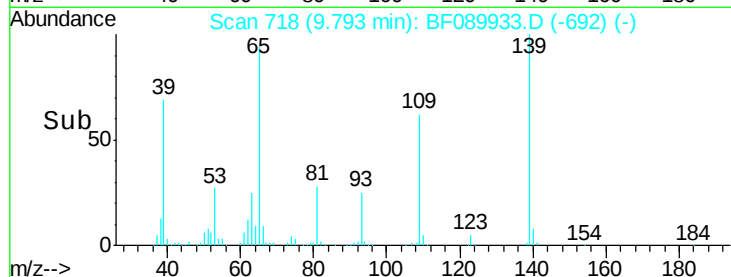
65 94.2 38.5 78.5#



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: 46.74 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion:165 Resp: 359630

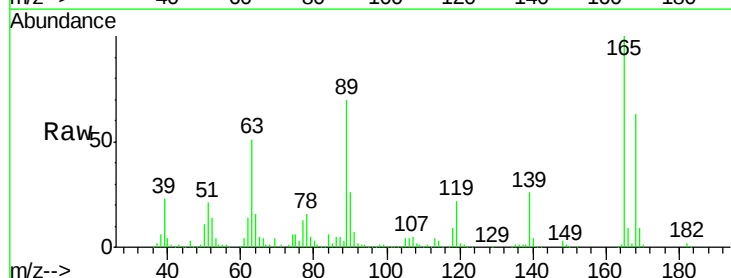
Ion Ratio Lower Upper

165 100

63 51.0 32.5 48.7#

89 69.6 48.3 72.5

182 2.2 1.7 2.5

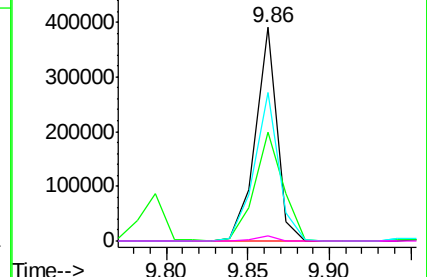
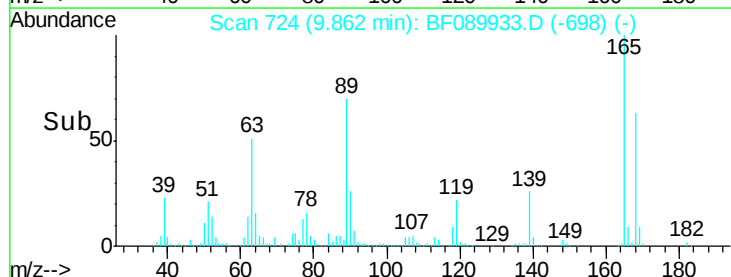


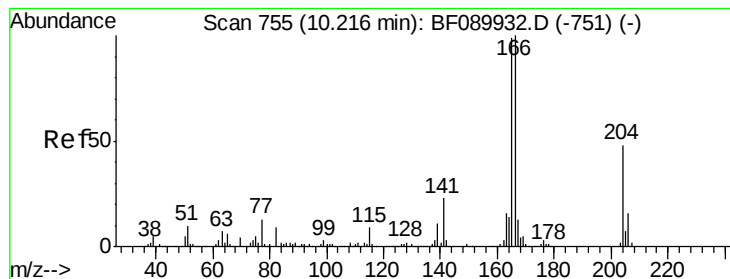
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.97 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

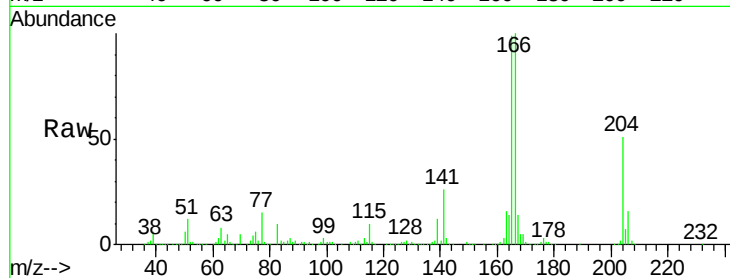
Tgt Ion:166 Resp: 1076603

Ion Ratio Lower Upper

166 100

165 99.1 78.6 118.0

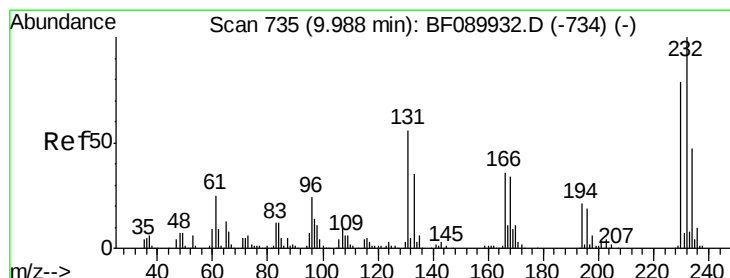
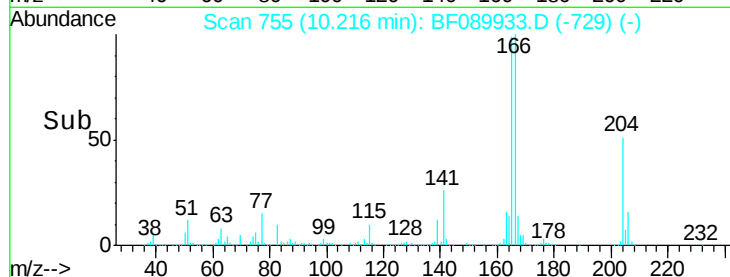
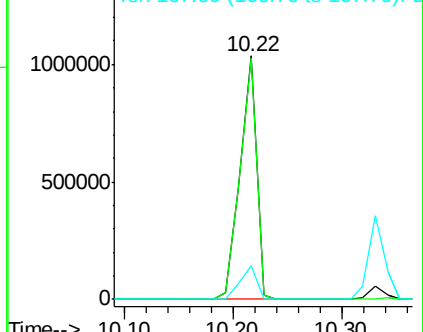
167 13.6 10.6 15.8



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: 49.17 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion:232 Resp: 307751

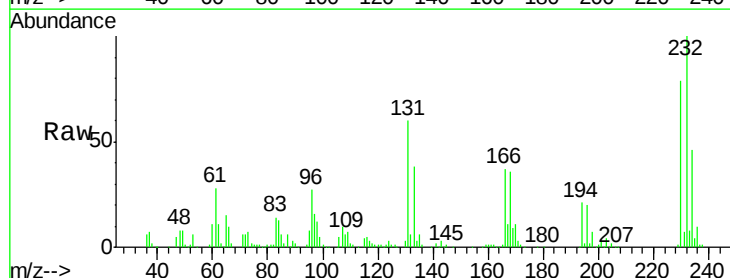
Ion Ratio Lower Upper

232 100

131 43.5 36.3 54.5

130 1.9 1.7 2.5

166 29.1 24.4 36.6

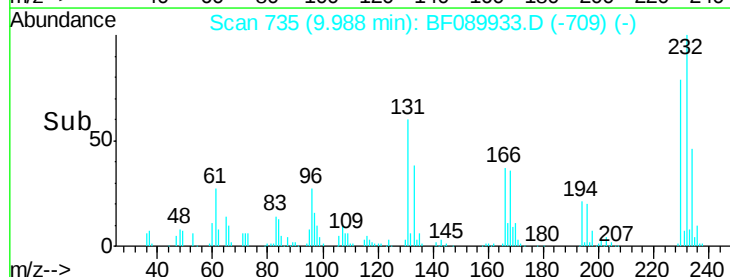
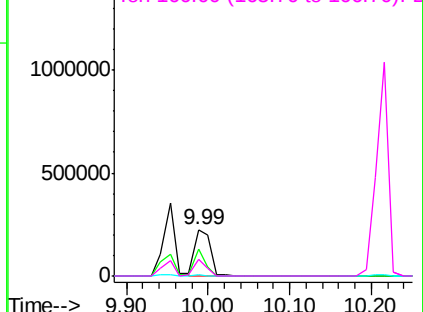


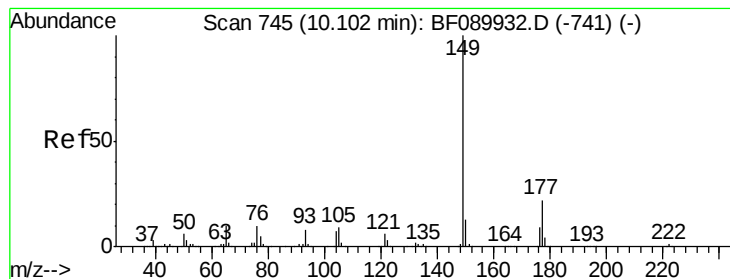
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.50 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

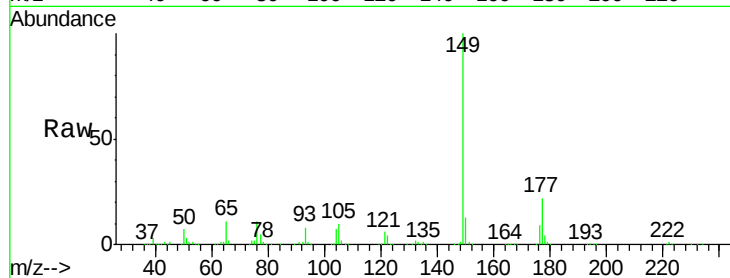
Tgt Ion:149 Resp: 1247963

Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

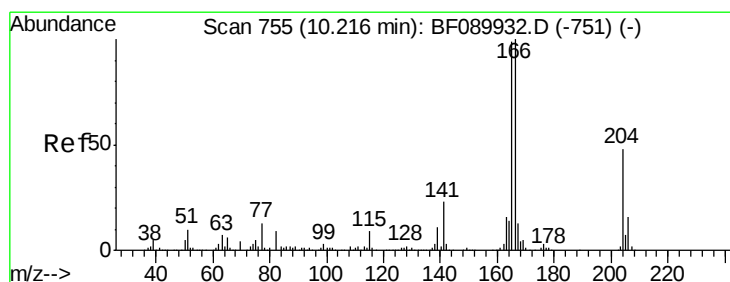
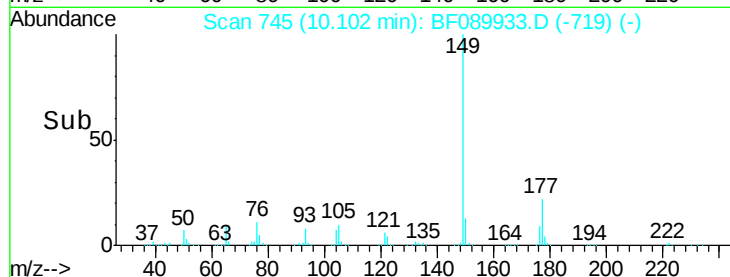
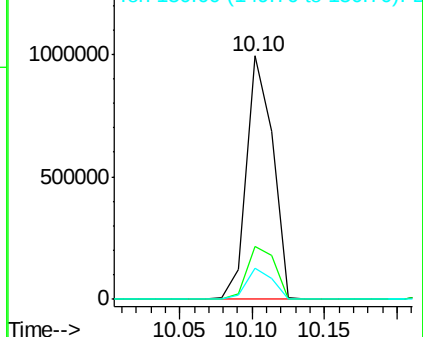
150 13.0 10.2 15.2



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: 48.06 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

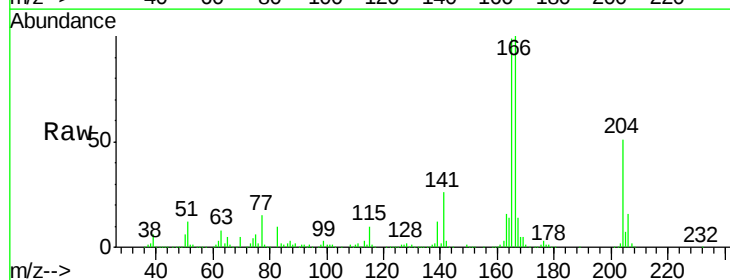
Tgt Ion:204 Resp: 513566

Ion Ratio Lower Upper

204 100

206 32.0 26.6 40.0

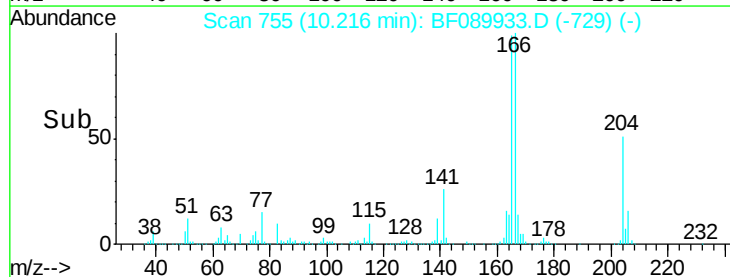
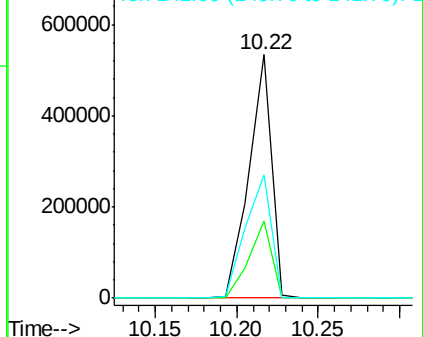
141 50.8 36.5 54.7

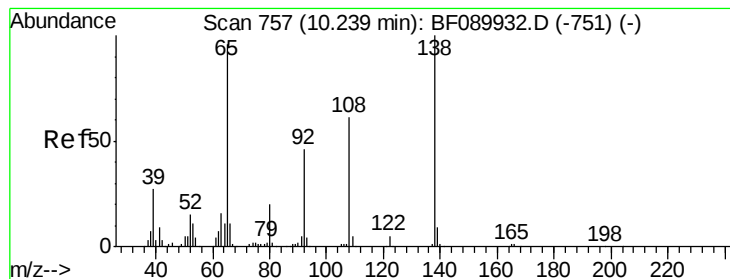


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 49.40 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

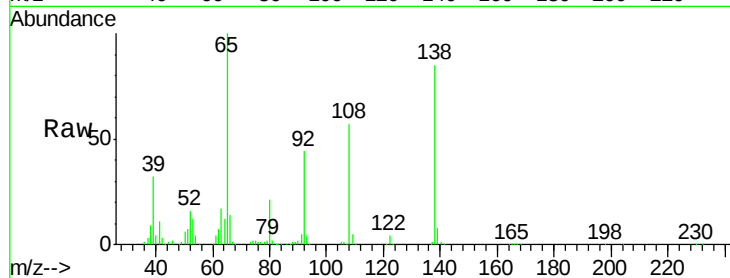
Tgt Ion:138 Resp: 321735

Ion Ratio Lower Upper

138 100

92 51.5 21.2 61.2

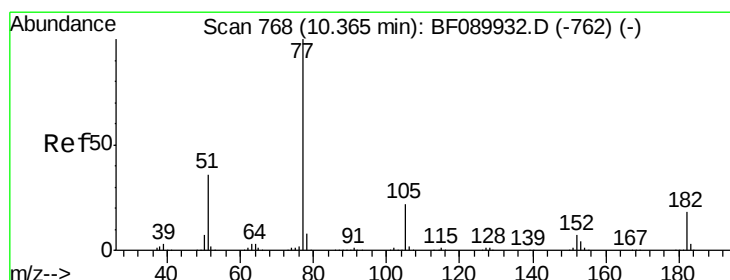
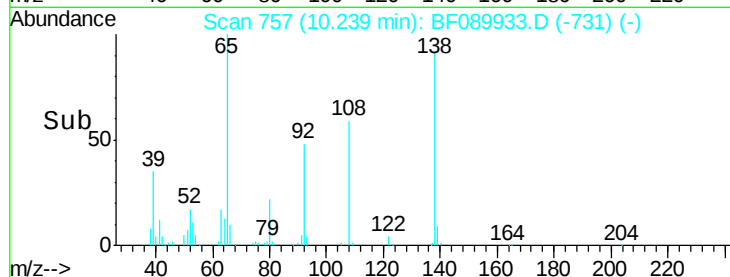
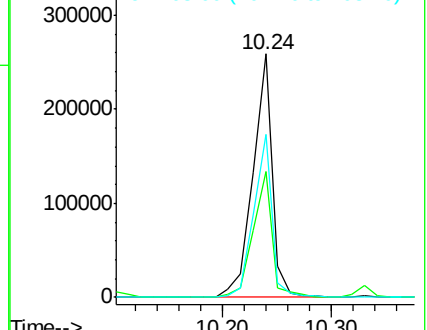
108 66.8 37.7 77.7



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: 50.12 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Tgt Ion: 77 Resp: 1273185

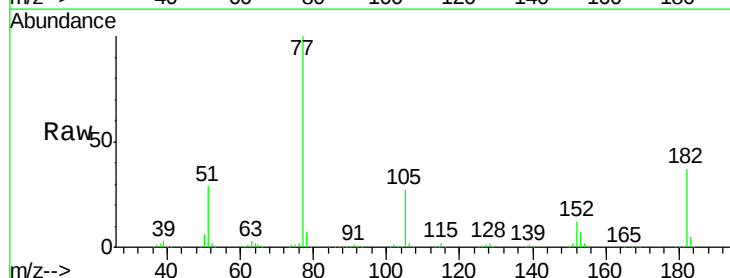
Ion Ratio Lower Upper

77 100

182 36.8 0.0 38.6

105 27.0 2.3 42.3

51 29.2 15.1 55.1

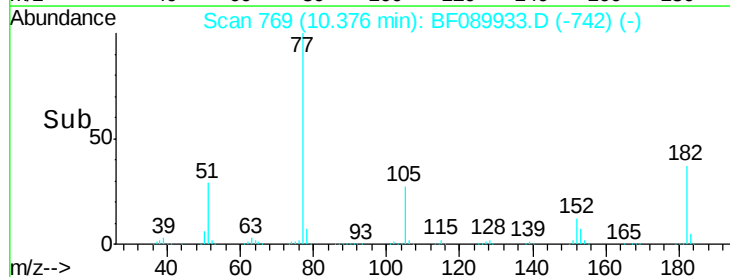
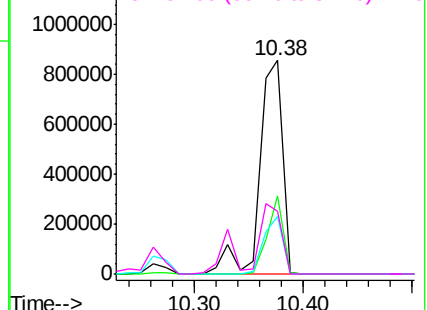


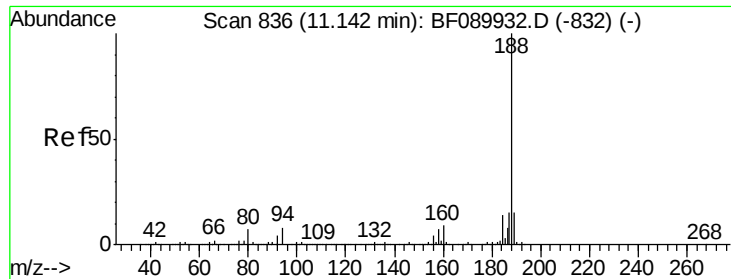
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

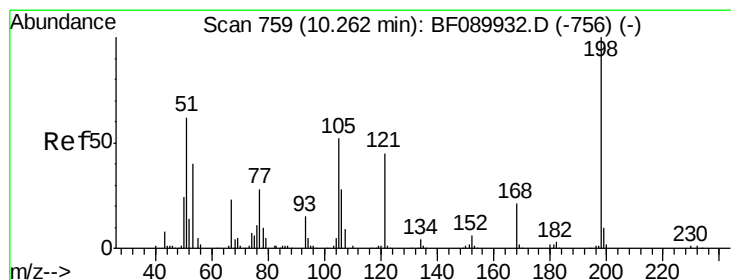
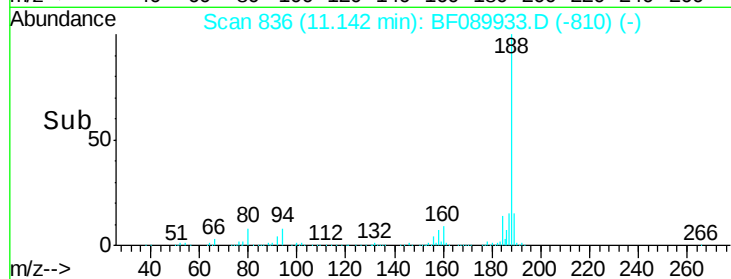
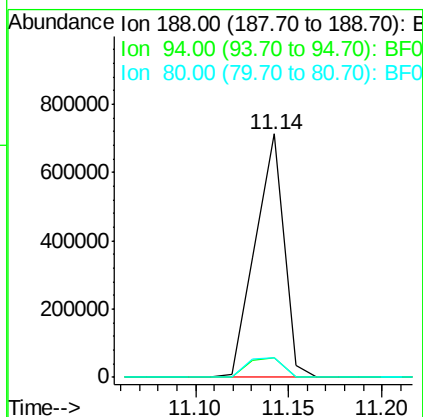
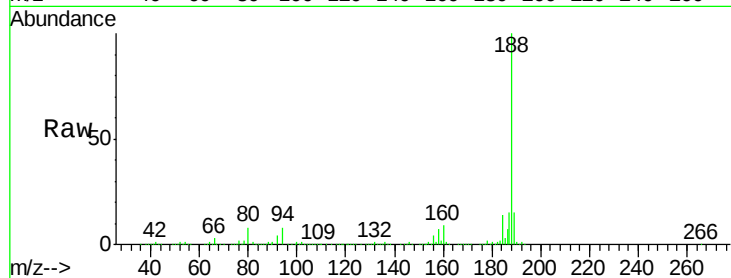




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

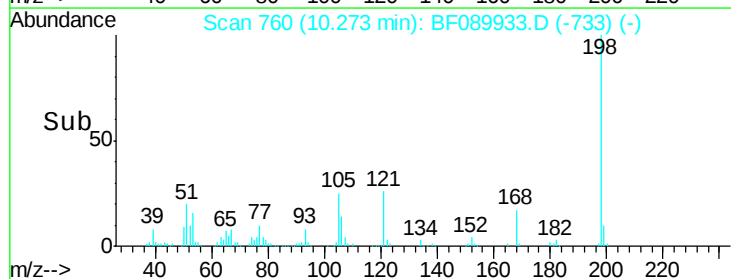
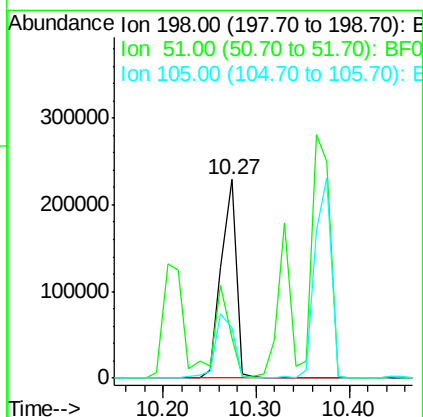
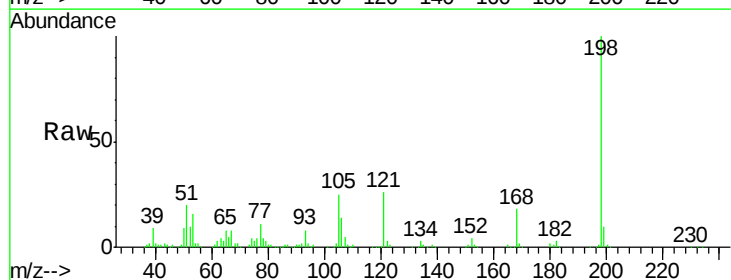
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

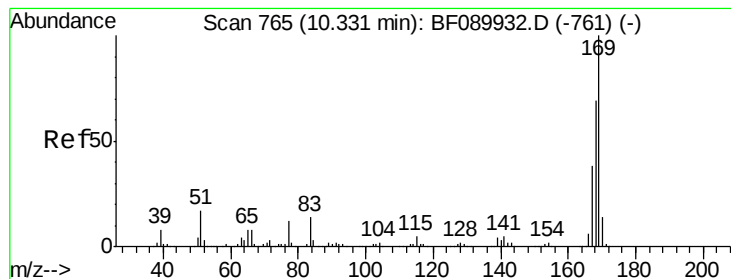
Tgt Ion:188 Resp: 759792
Ion Ratio Lower Upper
188 100
94 7.9 5.9 8.9
80 8.1 5.8 8.8



#64
4,6-Dinitro-2-methylphenol
Concen: 55.95 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion:198 Resp: 257976
Ion Ratio Lower Upper
198 100
51 20.3 43.0 83.0#
105 25.4 30.3 70.3#

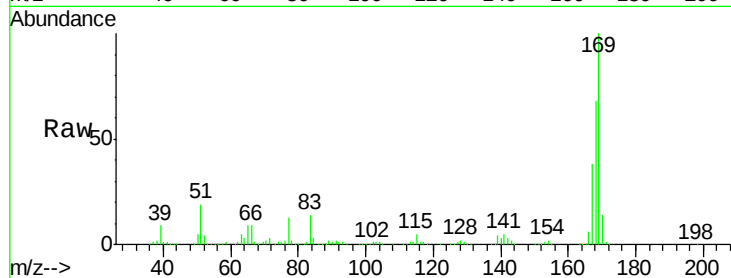




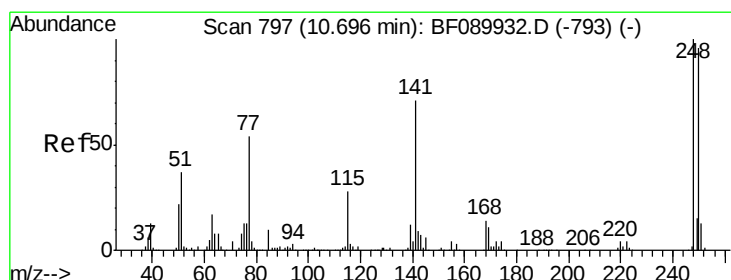
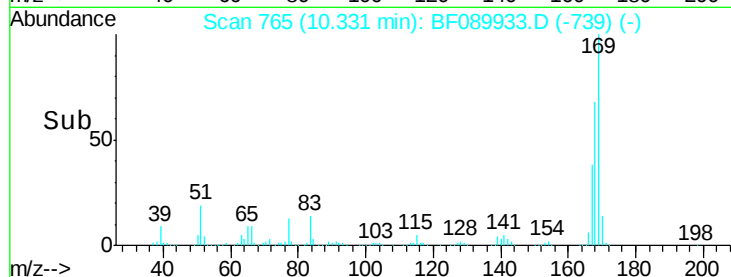
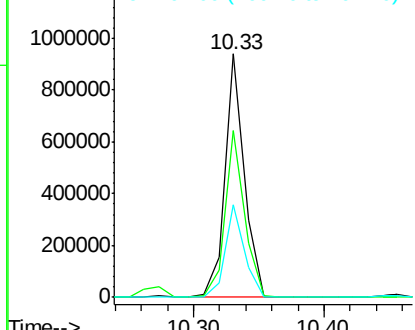
#65
 n-Nitrosodiphenylamine
 Concen: 41.61 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:169 Resp: 966628
 Ion Ratio Lower Upper
 169 100
 168 68.5 55.0 82.4
 167 38.0 30.5 45.7

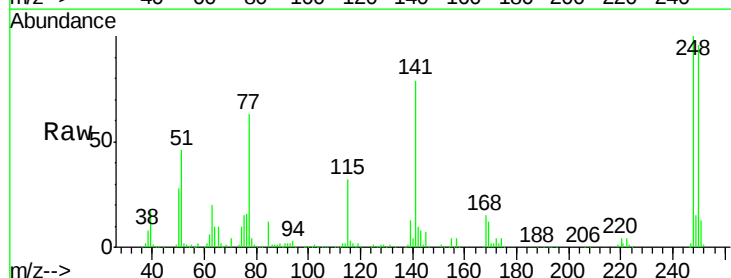


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

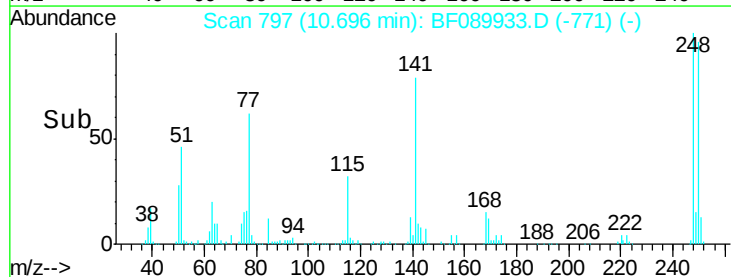
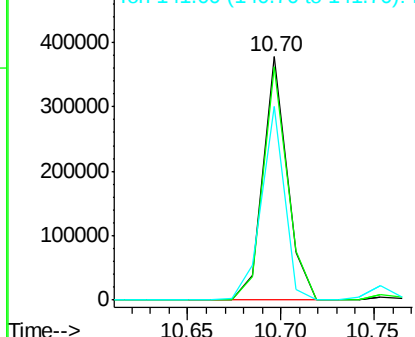


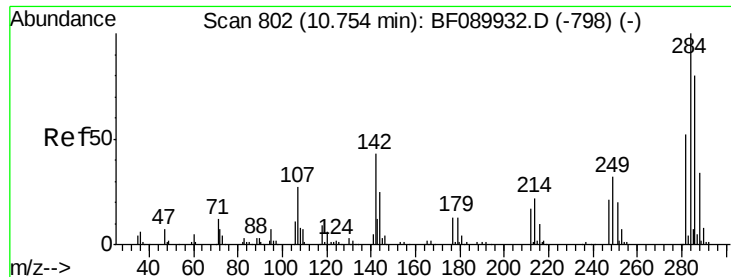
#66
 4-Bromophenyl-phenylether
 Concen: 44.24 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:248 Resp: 338591
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.3 115.9
 141 79.5 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: 44.62 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

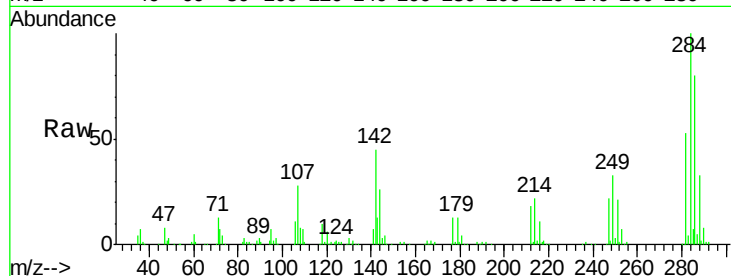
Tgt Ion:284 Resp: 397177

Ion Ratio Lower Upper

284 100

142 44.9 32.7 49.1

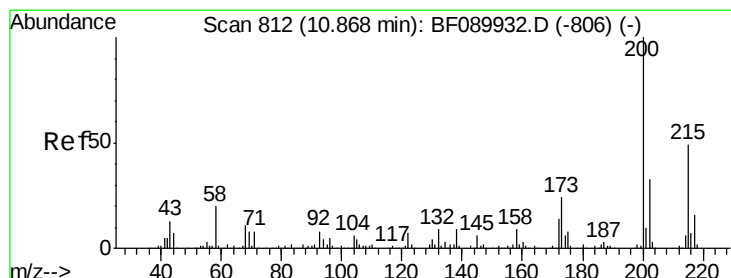
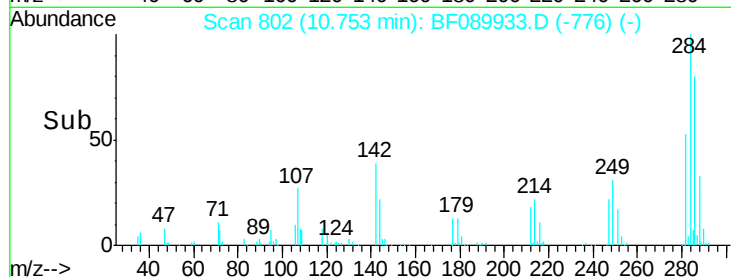
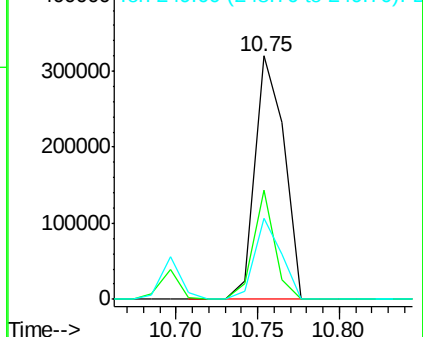
249 33.5 26.9 40.3



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: 54.34 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

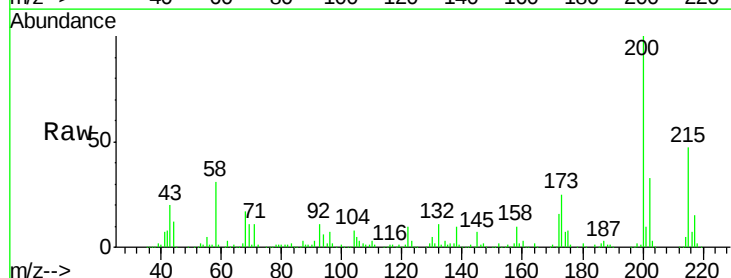
Tgt Ion:200 Resp: 399891

Ion Ratio Lower Upper

200 100

173 25.1 9.4 49.4

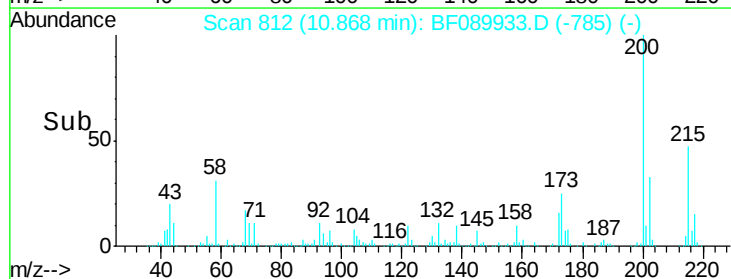
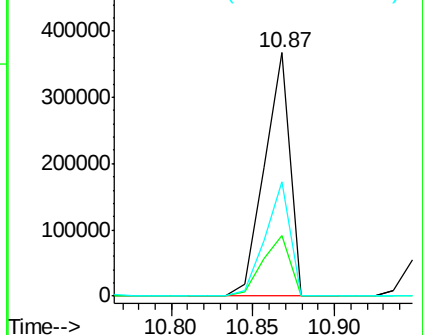
215 46.7 24.5 64.5

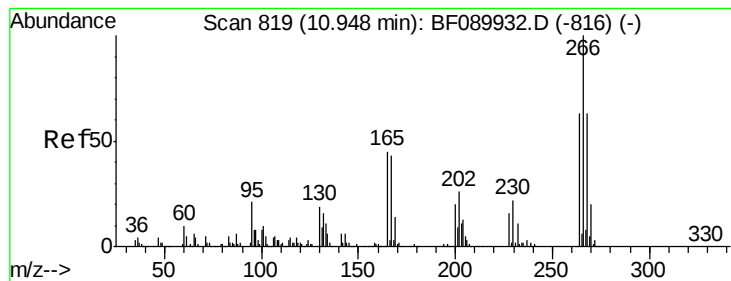


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 54.87 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

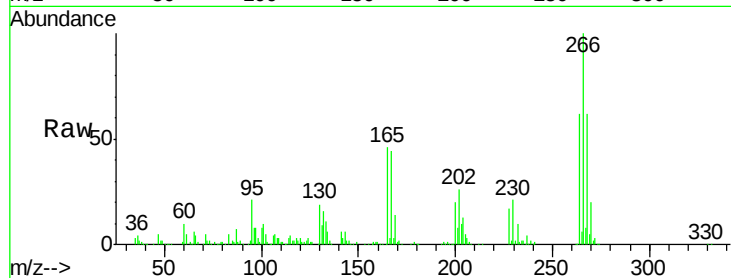
Tgt Ion:266 Resp: 252672

Ion Ratio Lower Upper

266 100

268 62.0 51.0 76.6

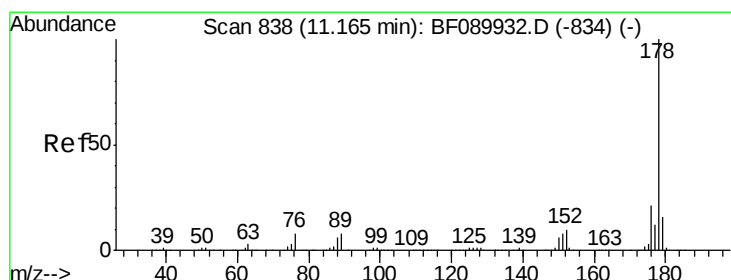
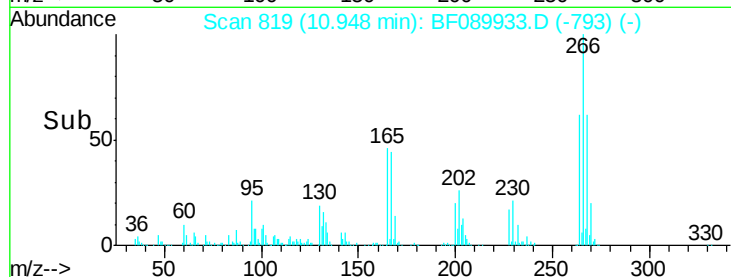
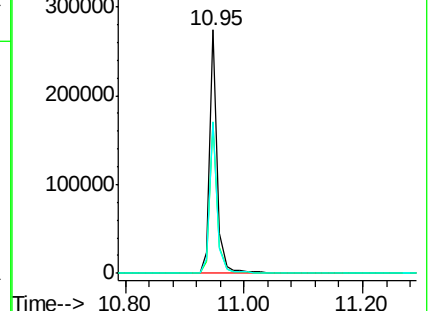
264 62.0 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.85 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

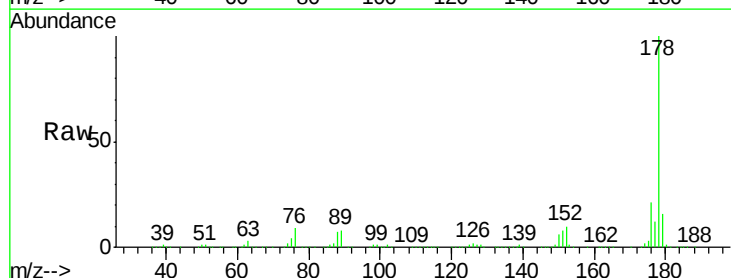
Tgt Ion:178 Resp: 1656010

Ion Ratio Lower Upper

178 100

176 20.6 16.5 24.7

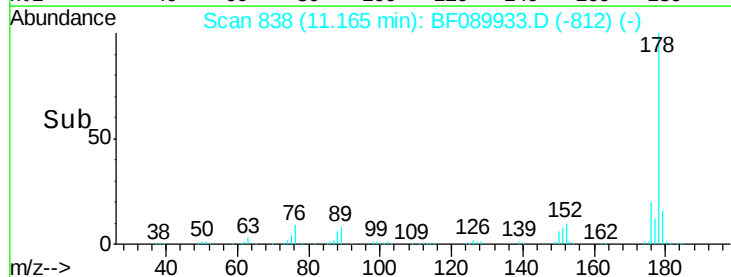
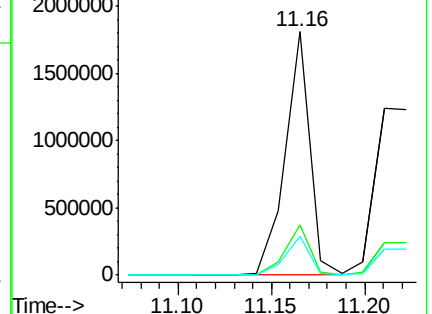
179 16.0 12.8 19.2

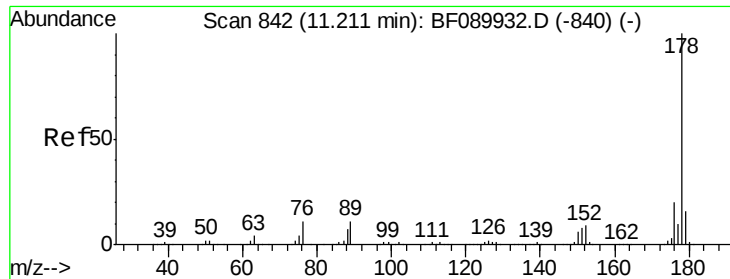


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

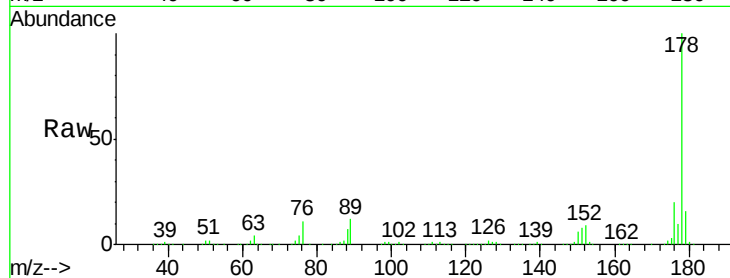




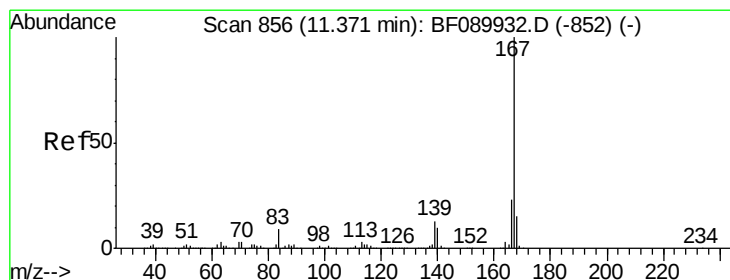
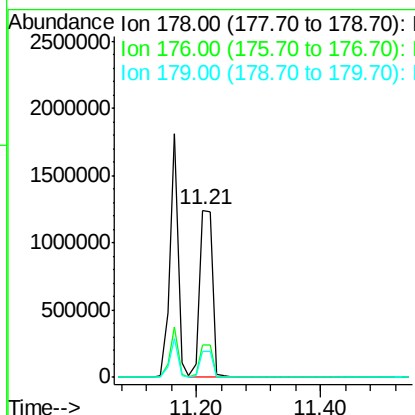
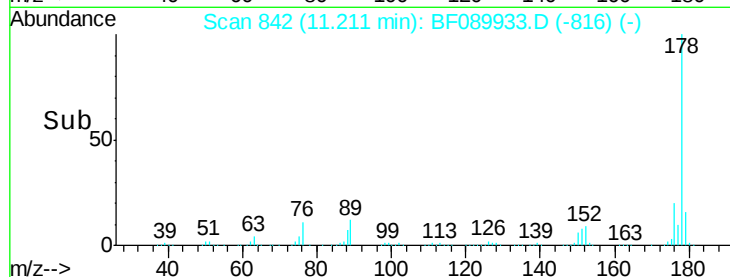
#71
 Anthracene
 Concen: 46.19 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 1796438
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 13.0 19.4

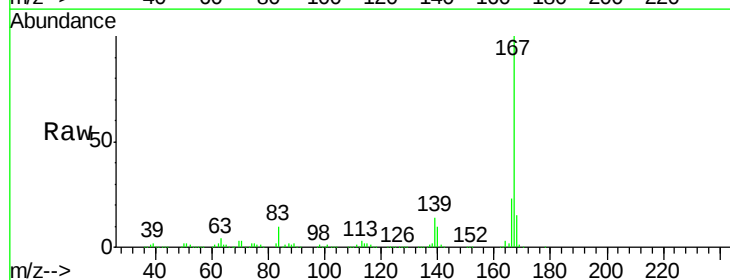


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

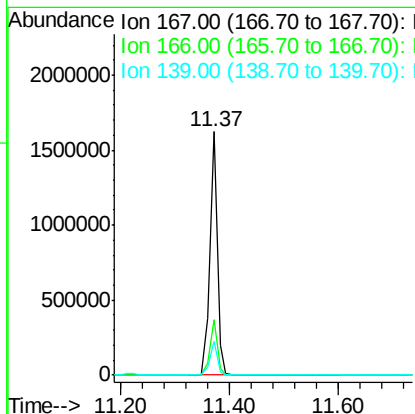
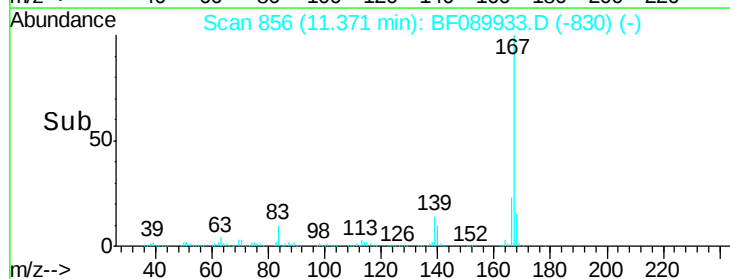


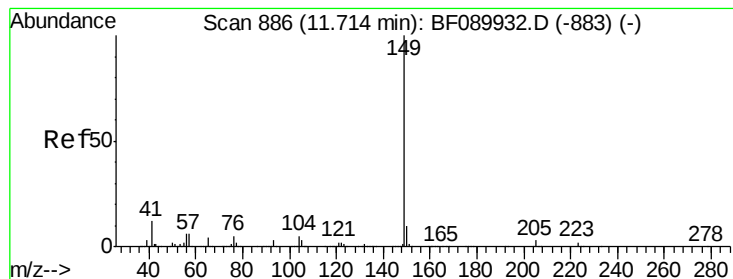
#72
 Carbazole
 Concen: 43.05 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:167 Resp: 1530217
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.7 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: 46.05 ng

RT: 11.73 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

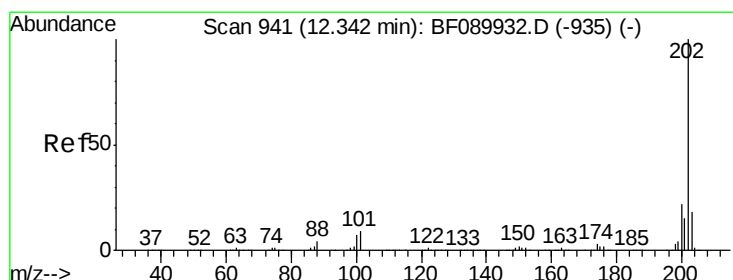
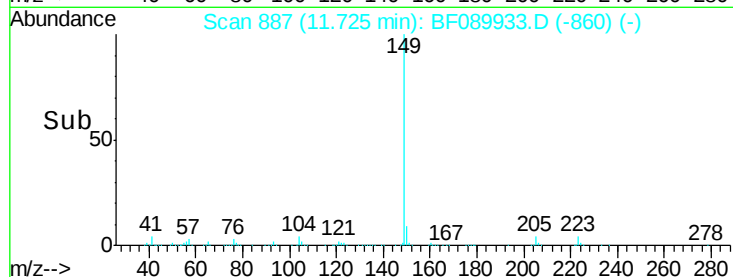
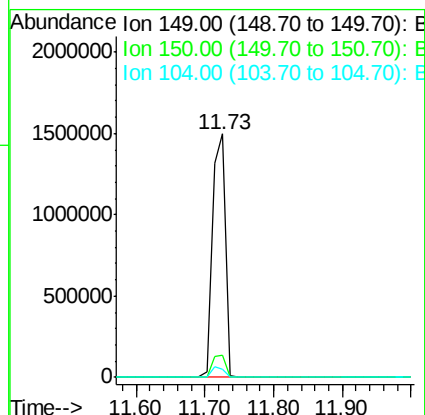
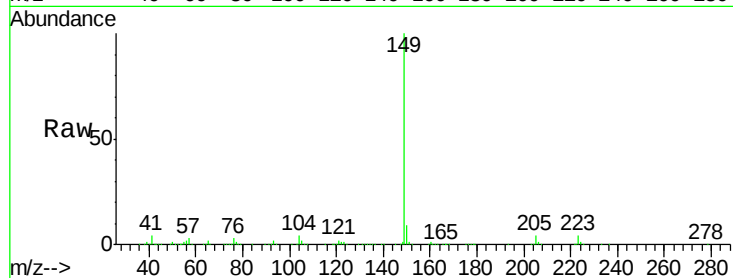
Tgt Ion:149 Resp: 1987072

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

104 3.6 3.9 5.9#



#74

Fluoranthene

Concen: 47.79 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

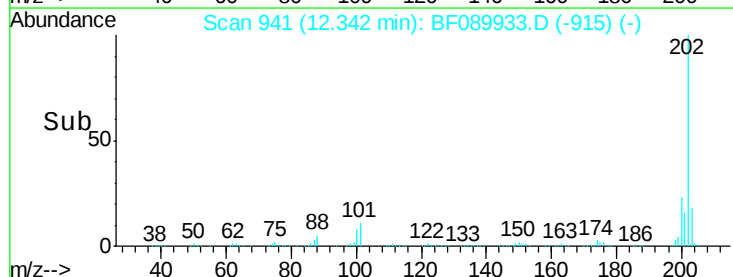
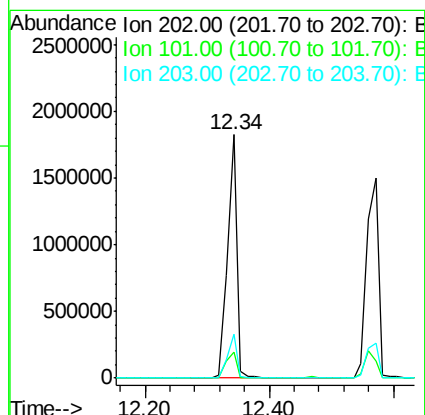
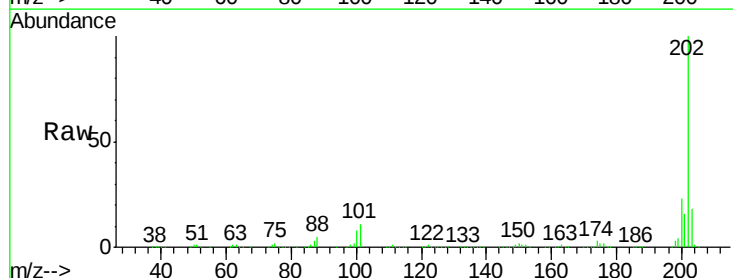
Tgt Ion:202 Resp: 1872399

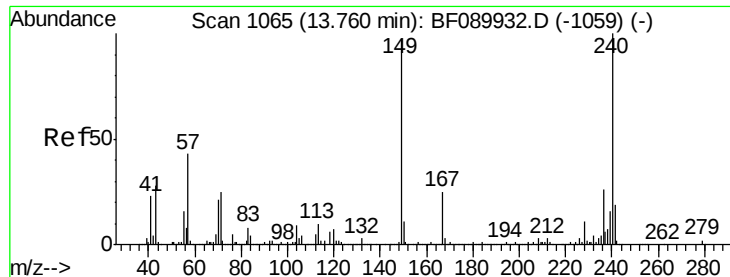
Ion Ratio Lower Upper

202 100

101 10.7 0.0 28.5

203 18.3 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

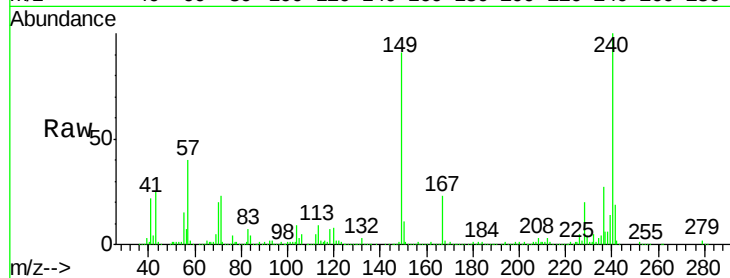
Tgt Ion:240 Resp: 589377

Ion Ratio Lower Upper

240 100

120 8.3 5.7 8.5

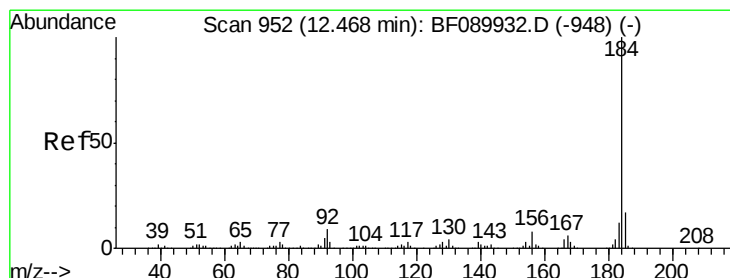
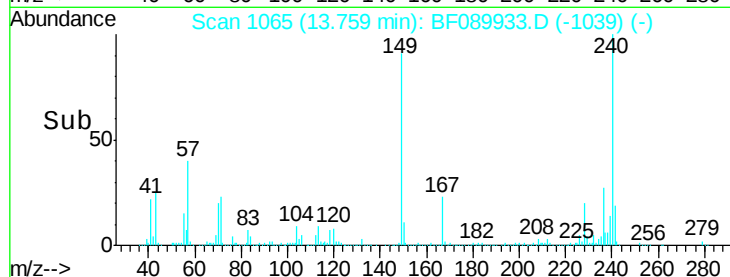
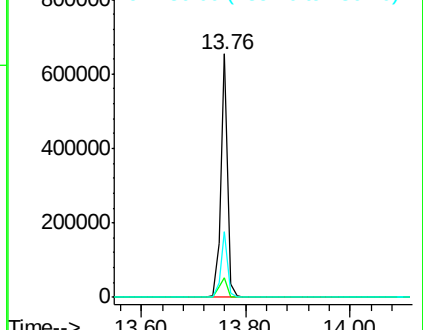
236 26.9 21.3 31.9



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: 44.82 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

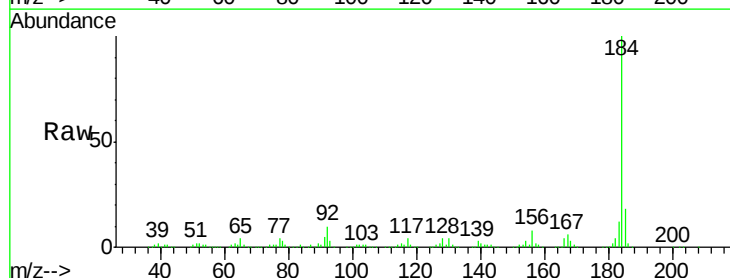
Tgt Ion:184 Resp: 975712

Ion Ratio Lower Upper

184 100

185 18.4 13.8 20.8

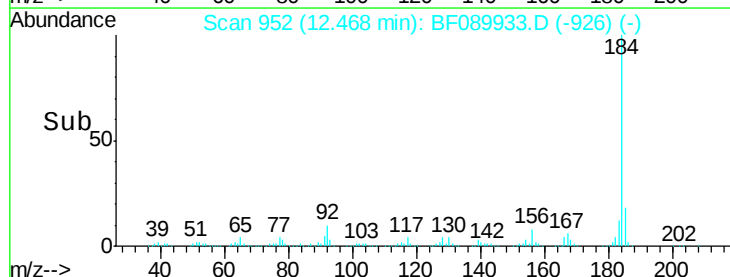
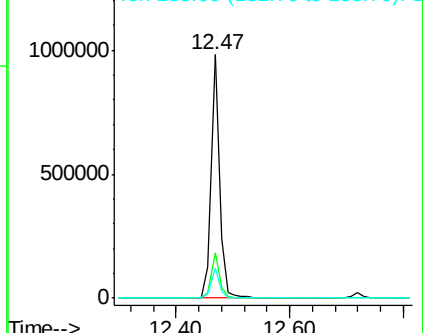
183 12.0 9.6 14.4

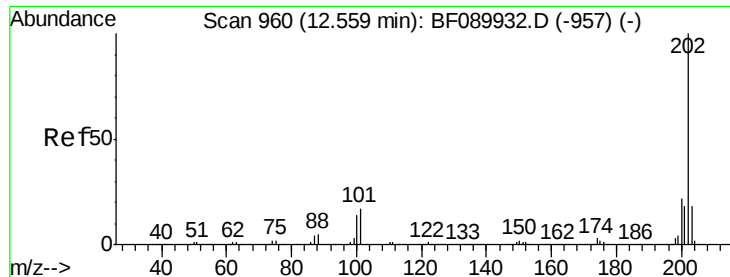


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

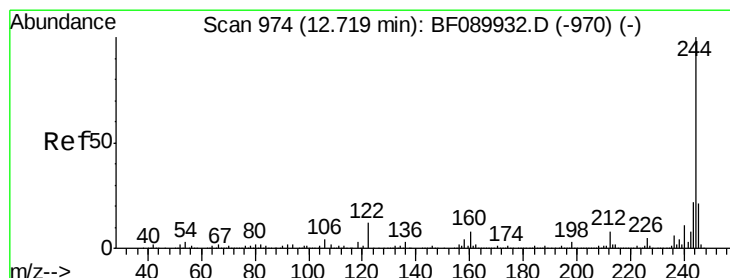
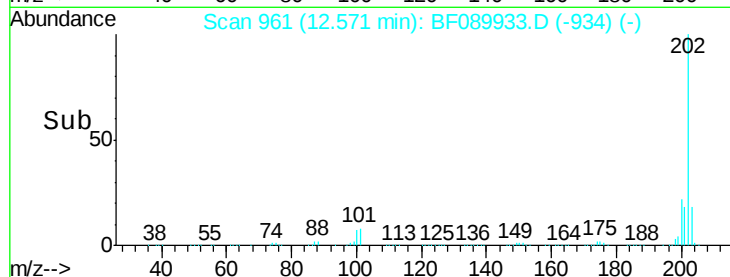
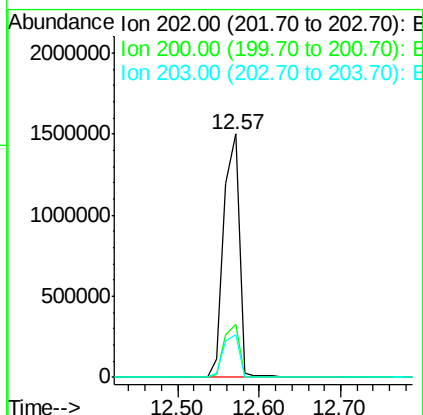
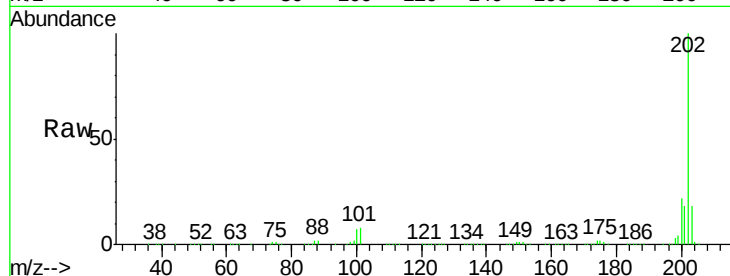




#77
 Pyrene
 Concen: 47.99 ng
 RT: 12.57 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

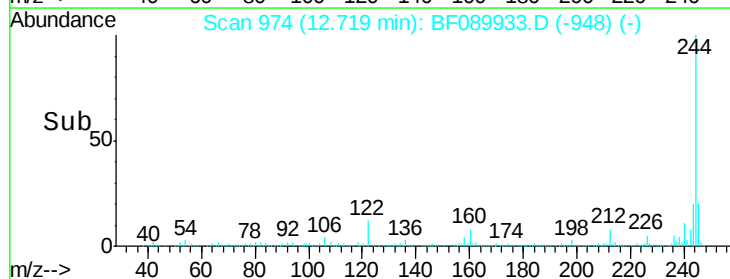
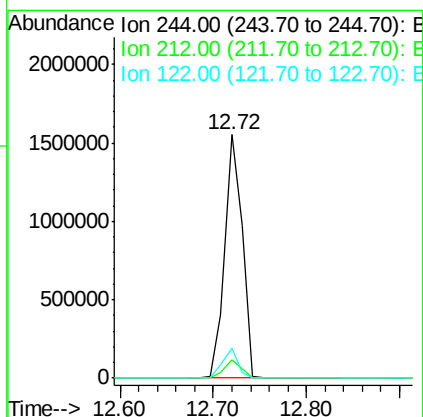
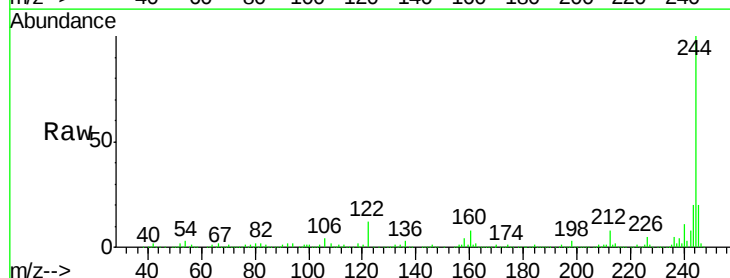
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 202 Resp: 1969833
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.6 26.4
 203 17.6 14.6 21.8



#78
 Terphenyl-d14
 Concen: 42.51 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion: 244 Resp: 2040157
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 12.3 9.6 14.4





#79

Butylbenzylphthalate

Concen: 47.49 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampled :

SSTDIC050

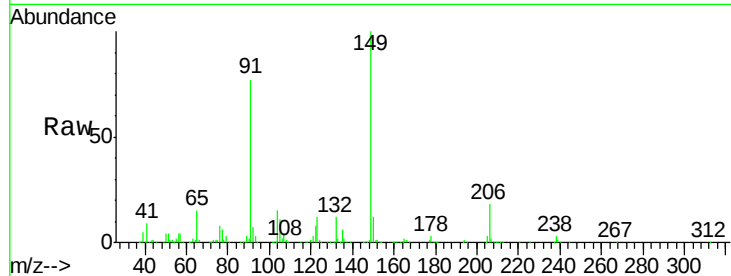
Tgt Ion:149 Resp: 770918

Ion Ratio Lower Upper

149 100

91 76.9 60.0 90.0

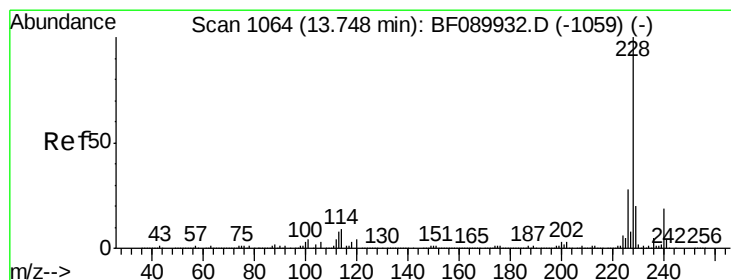
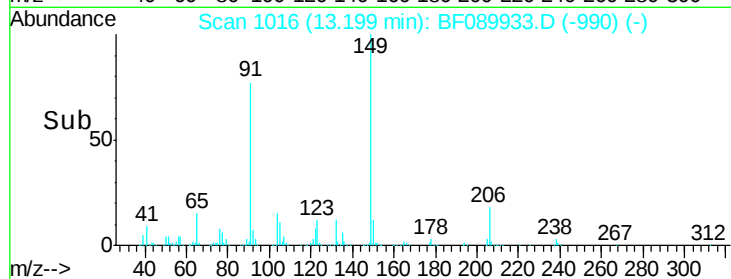
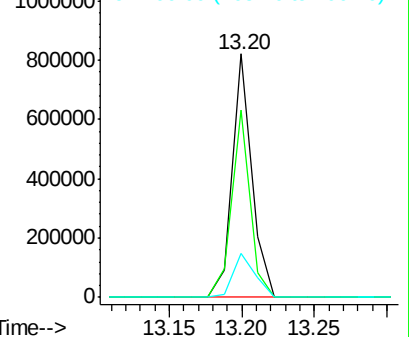
206 18.2 15.1 22.7



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: 45.74 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

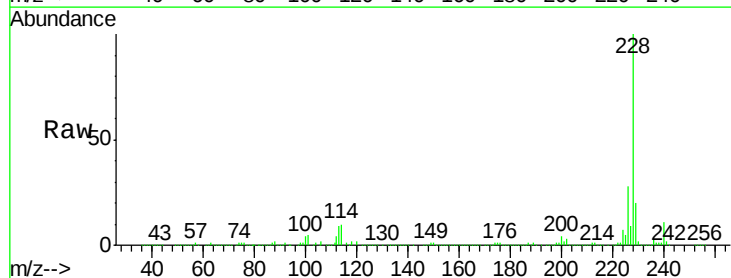
Tgt Ion:228 Resp: 1622479

Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.2

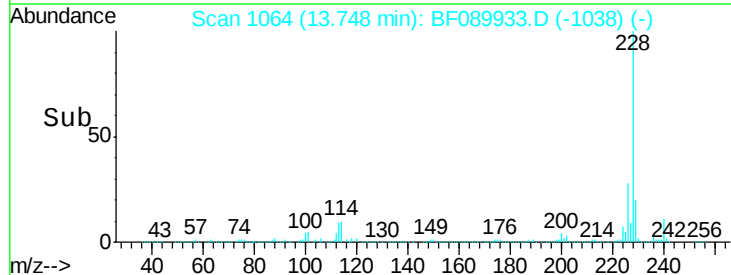
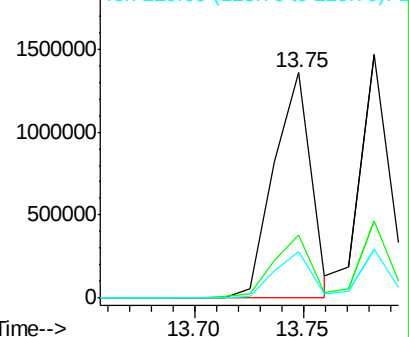
229 20.4 15.8 23.6



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

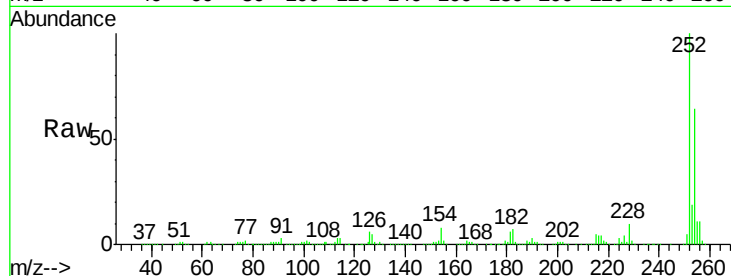




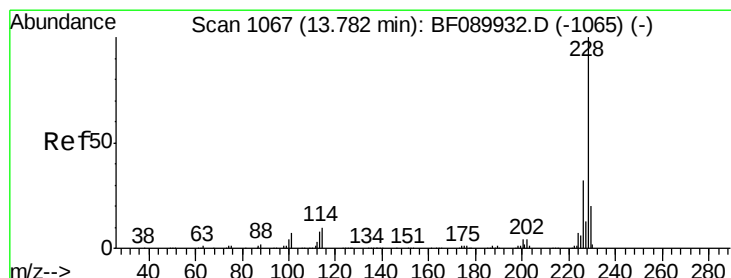
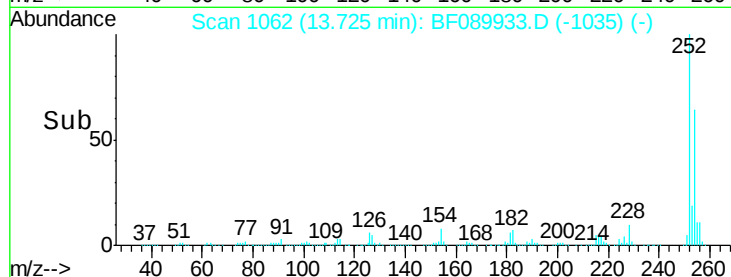
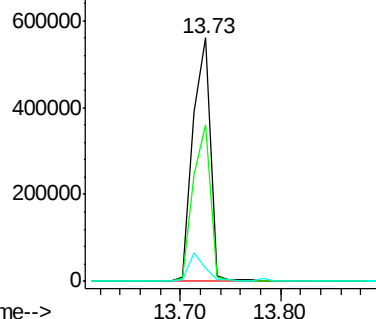
#81
 3,3'-Dichlorobenzidine
 Concen: 53.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:252 Resp: 680088
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.3 76.9
 126 5.6 12.3 18.5#

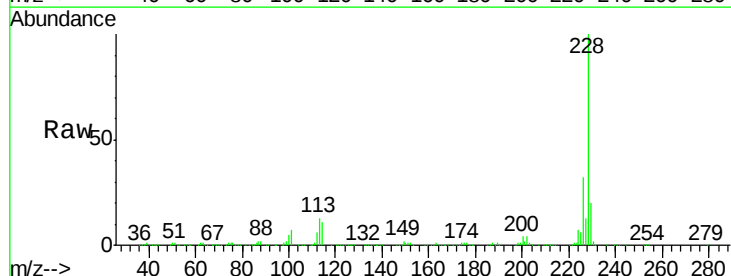


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

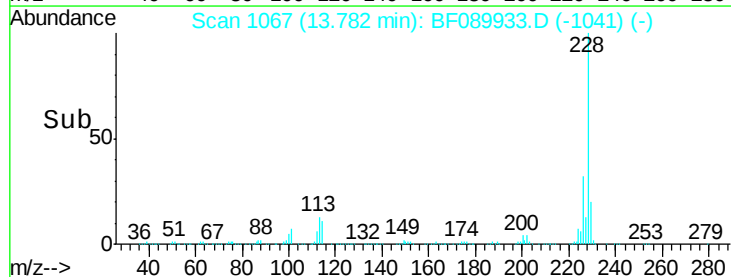
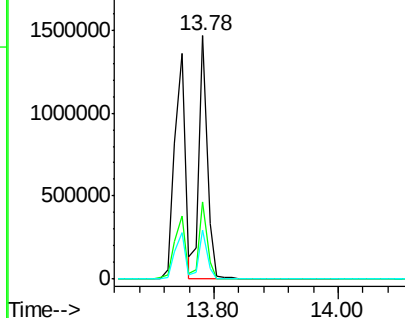


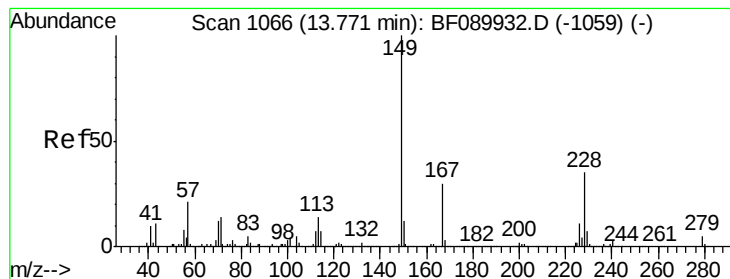
#82
 Chrysene
 Concen: 44.57 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion:228 Resp: 1404379
 Ion Ratio Lower Upper
 228 100
 226 31.8 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: 48.36 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

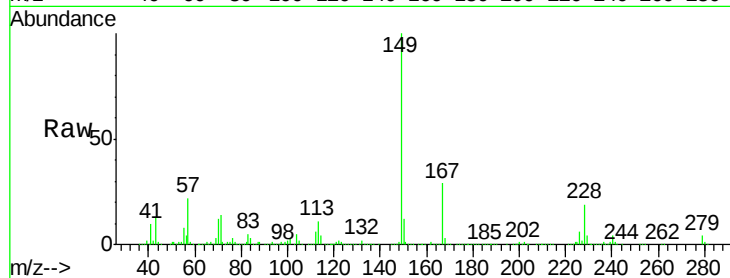
Tgt Ion:149 Resp: 1114964

Ion Ratio Lower Upper

149 100

167 29.0 23.6 35.4

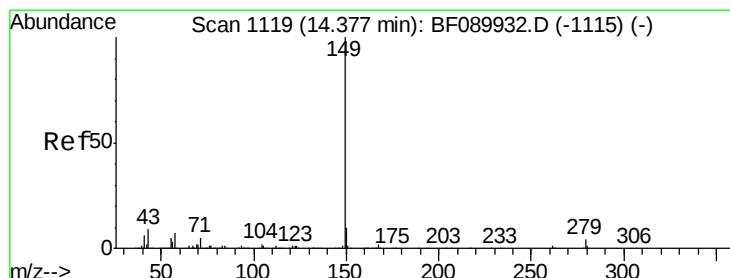
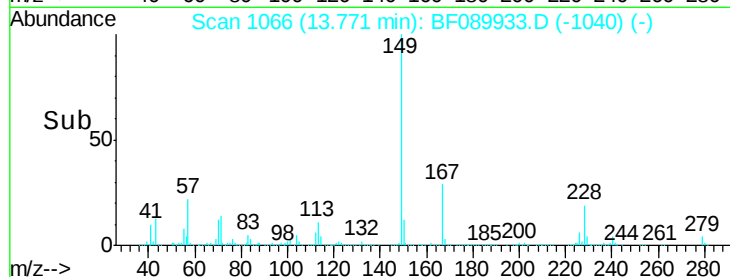
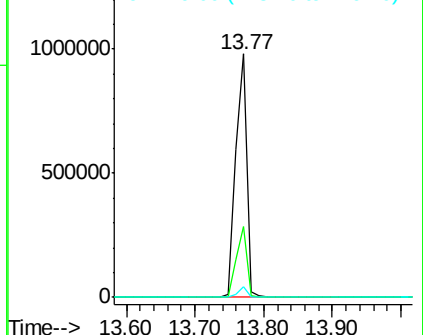
279 4.3 3.4 5.2



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: 53.70 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

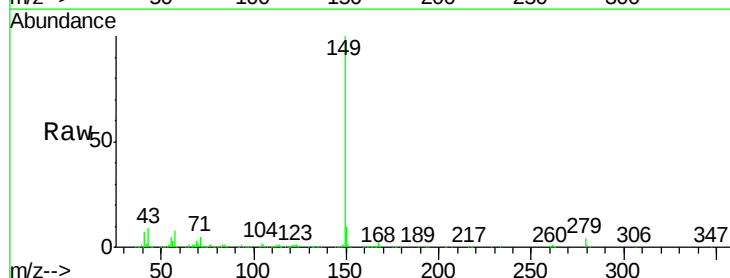
Tgt Ion:149 Resp: 1965716

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

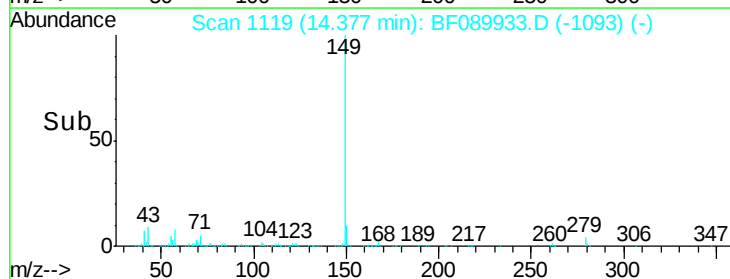
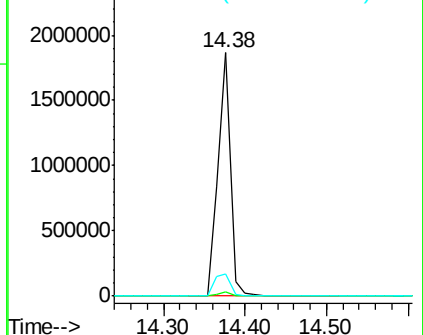
43 11.9 9.3 13.9

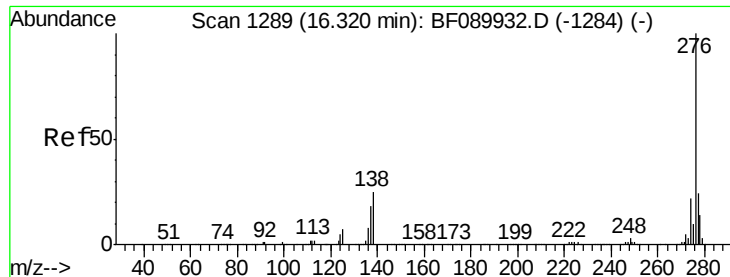


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

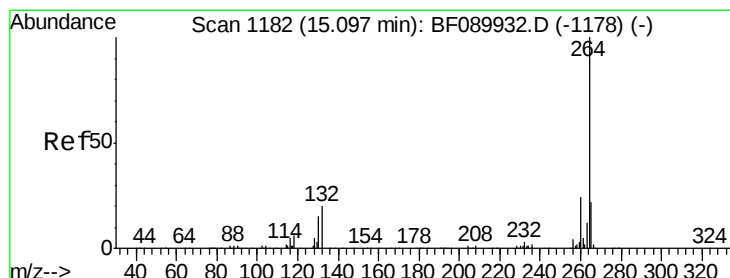
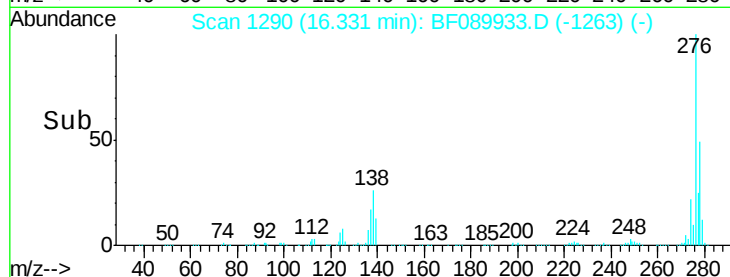
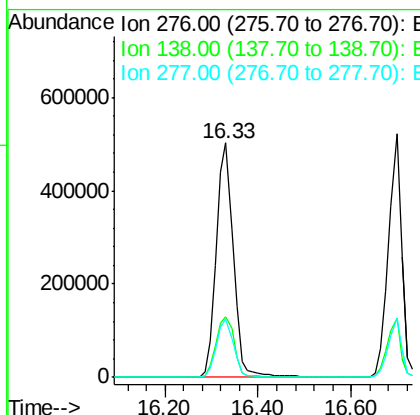
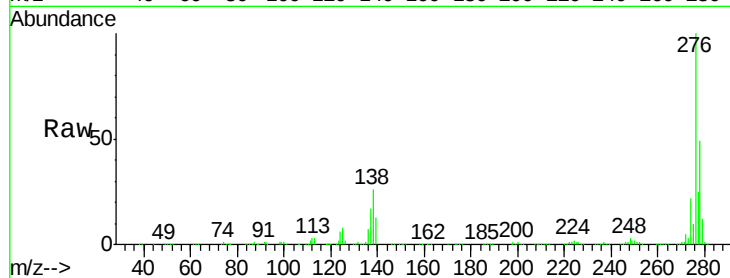




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.50 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

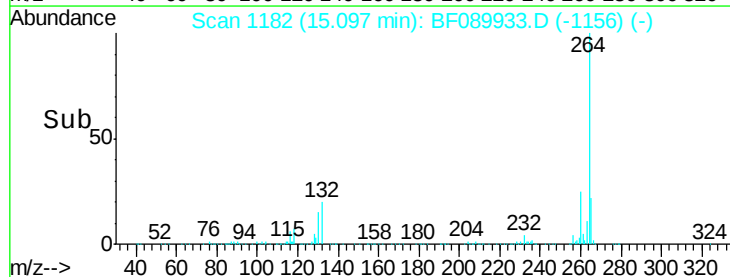
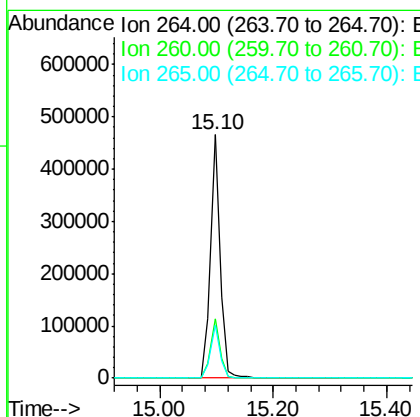
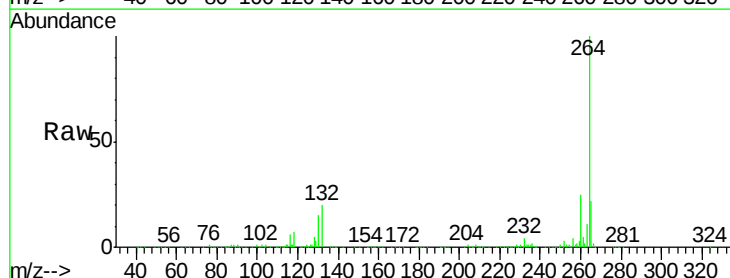
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

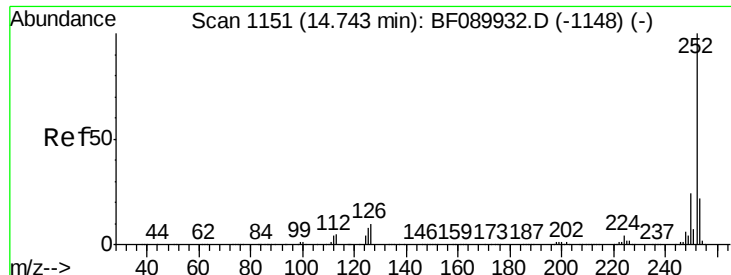
Tgt Ion: 276 Resp: 1267704
 Ion Ratio Lower Upper
 276 100
 138 28.3 22.6 34.0
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089933.D
 Acq: 31 Aug 2016 4:33

Tgt Ion: 264 Resp: 529053
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 21.6 17.4 26.2

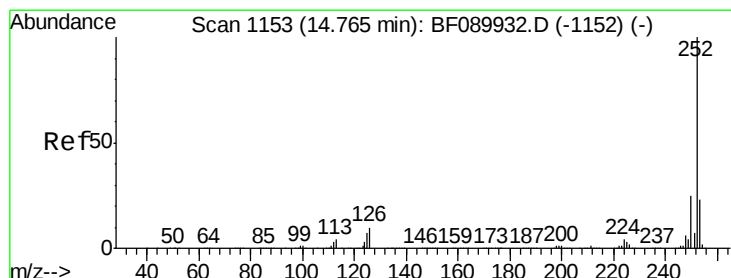
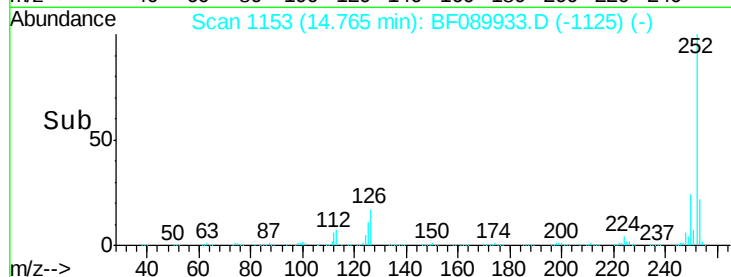
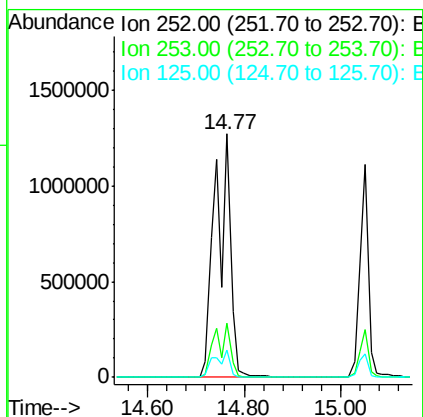
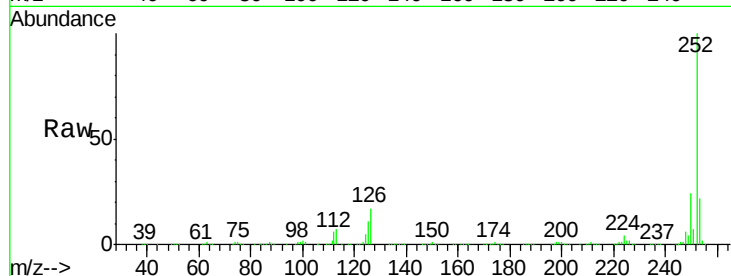




#87
Benzo(b)fluoranthene
Concen: 86.99 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

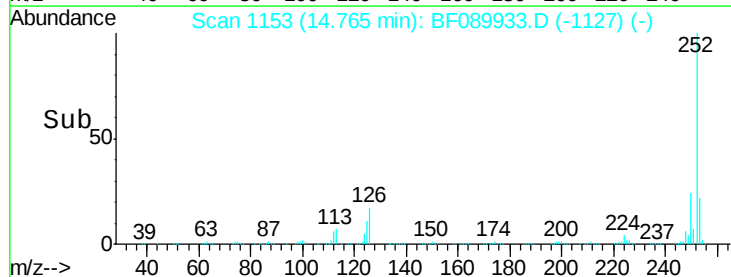
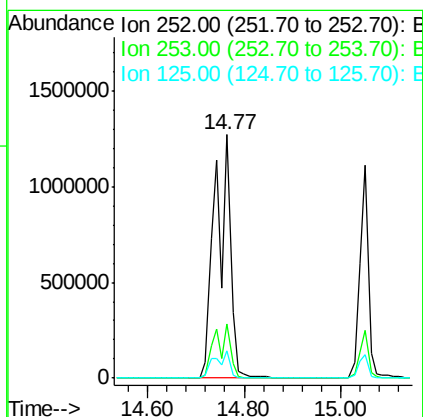
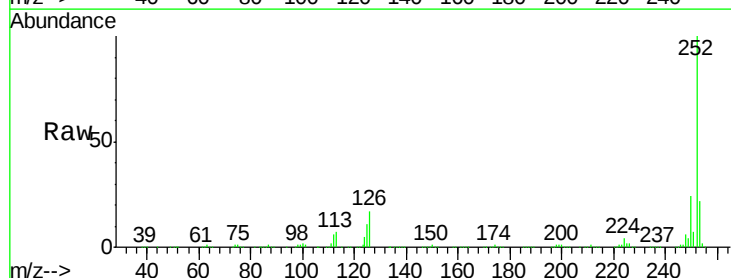
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:252 Resp: 2856962
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.3 5.7 8.5#



#88
Benzo(k)fluoranthene
Concen: 102.85 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089933.D
Acq: 31 Aug 2016 4:33

Tgt Ion:252 Resp: 2856962
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.3 7.3 10.9#





#89

Benzo(a)pyrene

Concen: 49.00 ng

RT: 15.05 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

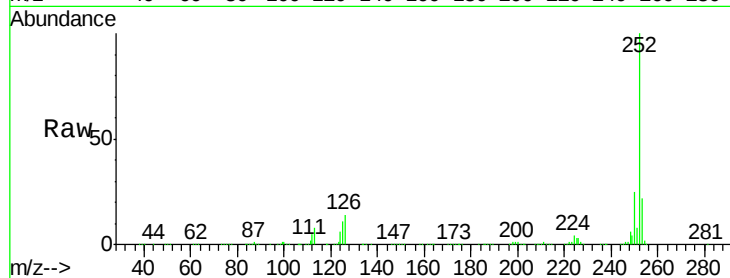
Tgt Ion:252 Resp: 1370956

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

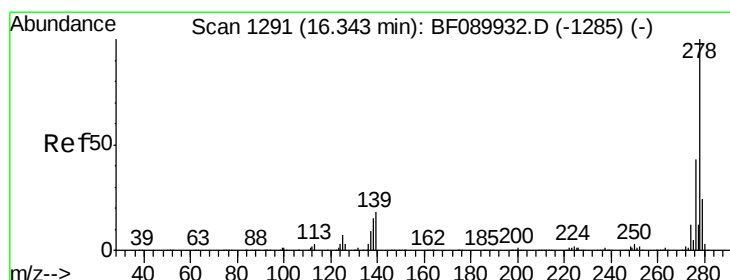
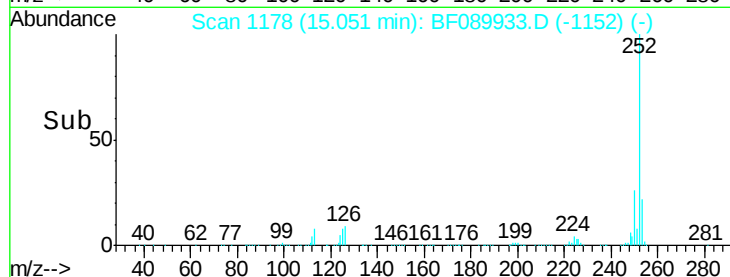
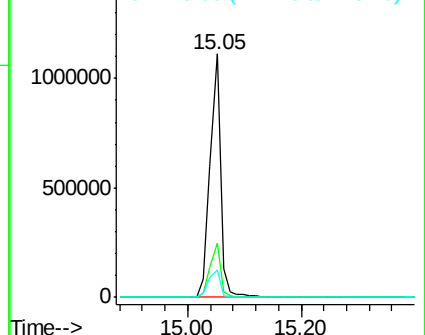
125 11.0 6.3 9.5#



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: 48.83 ng

RT: 16.34 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

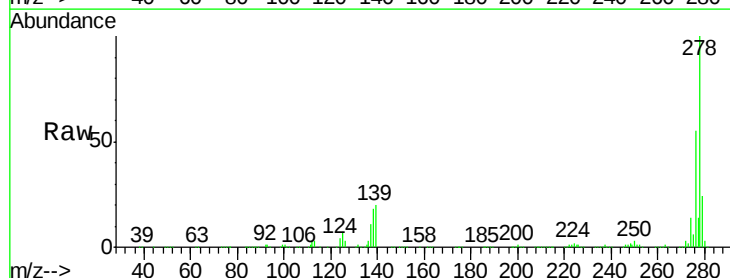
Tgt Ion:278 Resp: 1039941

Ion Ratio Lower Upper

278 100

139 20.2 13.4 20.2#

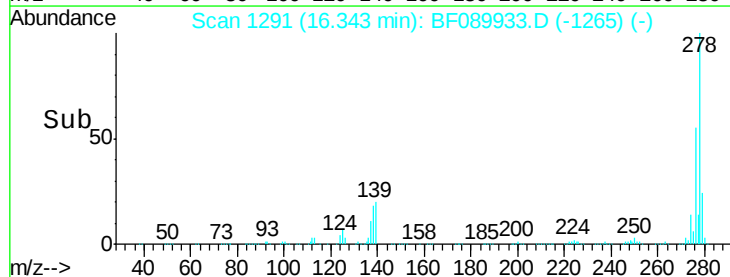
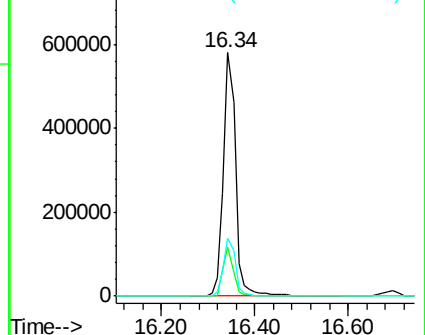
279 23.9 19.4 29.2

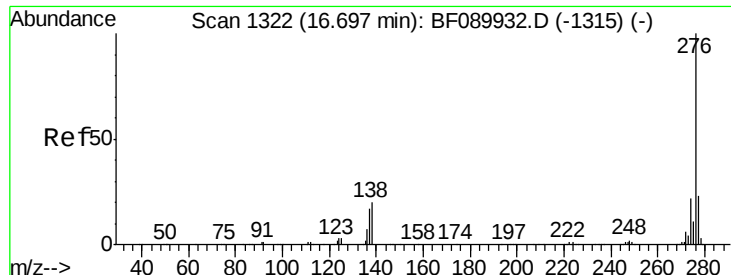


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.27 ng

RT: 16.70 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF089933.D

Acq: 31 Aug 2016 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

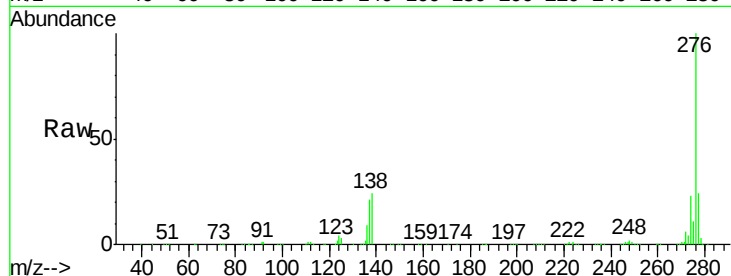
Tgt Ion: 276 Resp: 1028625

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 24.2 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

