

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089932.D
 Acq On : 31 Aug 2016 4:05
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 31 05:42:18 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	184587	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	736146	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	390661	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	753054	20.00	ng	0.00
75) Chrysene-d12	13.76	240	585805	20.00	ng	0.00
86) Perylene-d12	15.10	264	512652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	962199	41.63	ng	0.00
7) Phenol-d6	6.27	99	1135276	40.08	ng	0.00
23) Nitrobenzene-d5	7.21	82	1010283	40.30	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	311503	41.97	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1835776	38.72	ng	0.00
78) Terphenyl-d14	12.72	244	1598869	33.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	205720	38.00	ng	100
3) Pyridine	2.72	79	607483	42.23	ng	100
4) n-Nitrosodimethylamine	2.68	42	296342	41.14	ng	100
6) Aniline	6.30	93	728299	37.84	ng	100
8) 2-Chlorophenol	6.42	128	507254	40.09	ng	100
9) Benzaldehyde	6.18	77	363624	39.64	ng	100
10) Phenol	6.30	94	633440	38.45	ng	100
11) bis(2-Chloroethyl)ether	6.38	93	465457	37.59	ng	100
12) 1,3-Dichlorobenzene	6.58	146	543396	38.26	ng	100
13) 1,4-Dichlorobenzene	6.65	146	548837	37.98	ng	100
14) 1,2-Dichlorobenzene	6.81	146	526858	41.15	ng	100
15) Benzyl Alcohol	6.79	79	352633	39.15	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.92	45	961592	40.34	ng	100
17) 2-Methylphenol	6.90	107	398938	39.66	ng	100
18) Hexachloroethane	7.15	117	195111	39.47	ng	100
19) n-Nitroso-di-n-propylamine	7.07	70	383305	41.07	ng	100
20) 3+4-Methylphenols	7.06	107	429124	35.37	ng	100
22) Acetophenone	7.06	105	641625	39.44	ng	100
24) Nitrobenzene	7.22	77	502083	37.90	ng	100
25) Isophorone	7.47	82	1003059	39.07	ng	100
26) 2-Nitrophenol	7.54	139	256351	40.21	ng	100
27) 2,4-Dimethylphenol	7.59	122	433270	35.85	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	642422	41.25	ng	100
29) 2,4-Dichlorophenol	7.78	162	403671	37.45	ng	100
30) 1,2,4-Trichlorobenzene	7.87	180	480046	41.24	ng	100
31) Naphthalene	7.94	128	1346396	36.79	ng	100
32) Benzoic acid	7.72	122	318377	40.28	ng	100
33) 4-Chloroaniline	8.00	127	600484	40.90	ng	100
34) Hexachlorobutadiene	8.07	225	264648	38.80	ng	100
35) Caprolactam	8.38	113	140862	42.07	ng	100
36) 4-Chloro-3-methylphenol	8.49	107	450233	40.56	ng	100
37) 2-Methylnaphthalene	8.64	142	983113	40.86	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	405373	35.13	ng	100
40) Hexachlorocyclopentadiene	8.80	237	241218	40.80	ng	100

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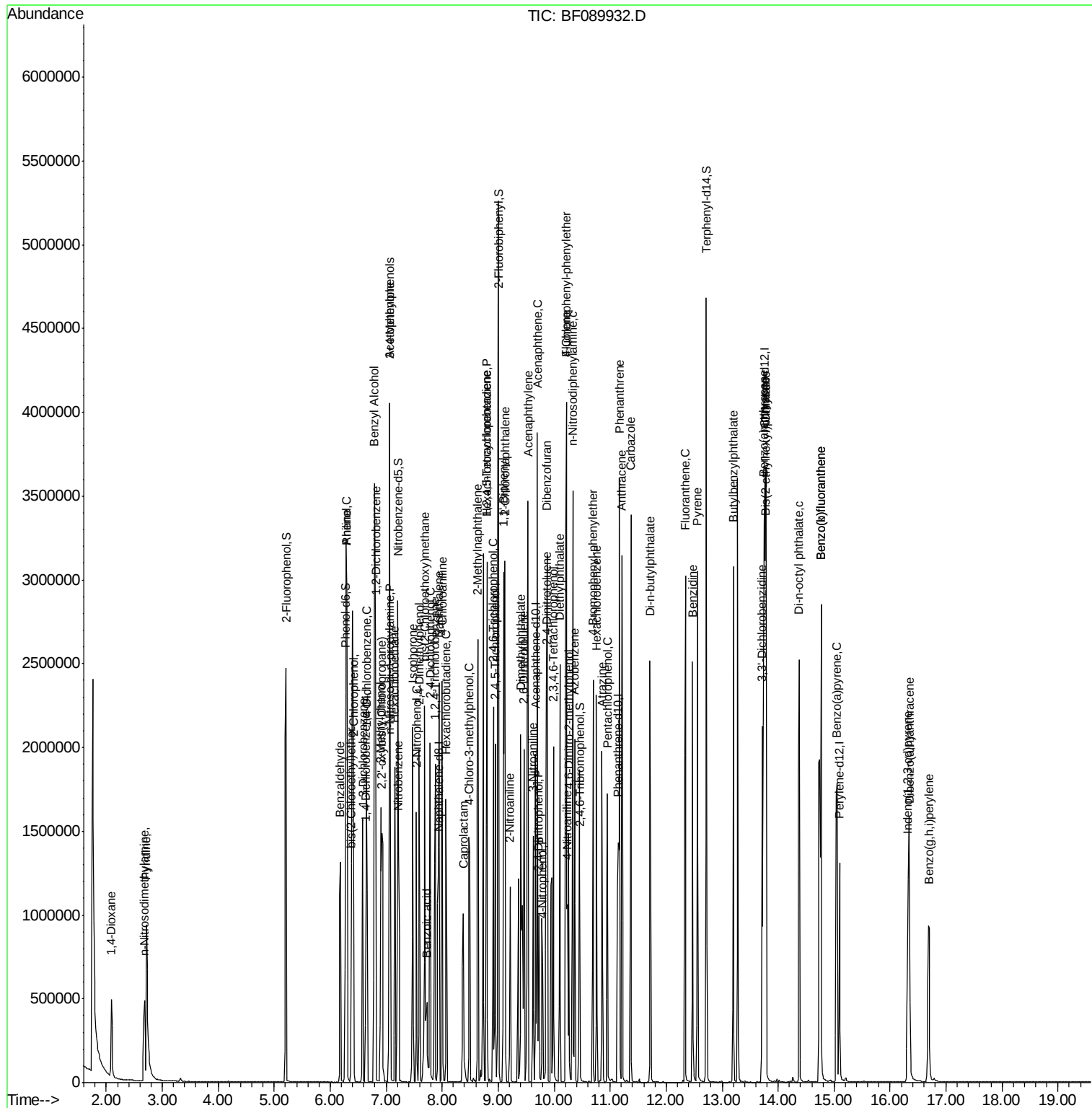
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	335846	42.43	ng	100
43) 2,4,5-Trichlorophenol	8.95	196	282388	36.10	ng	100
45) 1,1'-Biphenyl	9.10	154	1137571	35.39	ng	100
46) 2-Chloronaphthalene	9.12	162	854680	38.42	ng	100
47) 2-Nitroaniline	9.21	65	281038	39.07	ng	100
48) Acenaphthylene	9.53	152	1431936	39.12	ng	100
49) Dimethylphthalate	9.40	163	994613	36.60	ng	100
50) 2,6-Dinitrotoluene	9.46	165	244249	37.89	ng	100
51) Acenaphthene	9.70	154	887280	37.57	ng	100
52) 3-Nitroaniline	9.62	138	257484	37.78	ng	100
53) 2,4-Dinitrophenol	9.72	184	112648	43.12	ng	100
54) Dibenzofuran	9.87	168	1211302	39.51	ng	100
55) 4-Nitrophenol	9.79	139	234061	42.82	ng	100
56) 2,4-Dinitrotoluene	9.86	165	355653	44.20	ng	100
57) Fluorene	10.22	166	953048	40.61	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	250513	38.28	ng	100
59) Diethylphthalate	10.10	149	998065	36.33	ng	100
60) 4-Chlorophenyl-phenylether	10.22	204	432361	38.70	ng	100
61) 4-Nitroaniline	10.24	138	305196	44.81	ng	100
62) Azobenzene	10.36	77	984477	37.06	ng	100
64) 4,6-Dinitro-2-methylphenol	10.26	198	176092	38.53	ng	100
65) n-Nitrosodiphenylamine	10.33	169	849201	36.88	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	292114	38.51	ng	100
67) Hexachlorobenzene	10.75	284	308876	35.01	ng	100
68) Atrazine	10.86	200	279795	38.36	ng	100
69) Pentachlorophenol	10.95	266	207861	45.54	ng	100
70) Phenanthrene	11.16	178	1473909	40.28	ng	100
71) Anthracene	11.21	178	1340301	34.77	ng	100
72) Carbazole	11.37	167	1363177	38.69	ng	100
73) Di-n-butylphthalate	11.71	149	1553423	36.32	ng	100
74) Fluoranthene	12.34	202	1599345	41.18	ng	100
76) Benzidine	12.47	184	889395	41.10	ng	100
77) Pyrene	12.56	202	1497313	36.70	ng	100
79) Butylbenzylphthalate	13.20	149	648035	40.16	ng	100
80) Benzo(a)anthracene	13.75	228	1398425	39.67	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	502693	39.41	ng	100
82) Chrysene	13.78	228	1264266	40.37	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	920763	40.18	ng	100
84) Di-n-octyl phthalate	14.38	149	1593526	43.80	ng	100
85) Indeno(1,2,3-cd)pyrene	16.32	276	987193	41.13	ng	100
87) Benzo(b)fluoranthene	14.77	252	2410398	75.74	ng	# 98
88) Benzo(k)fluoranthene	14.77	252	2410398	89.55	ng	100
89) Benzo(a)pyrene	15.05	252	1114659	41.12	ng	100
90) Dibenzo(a,h)anthracene	16.34	278	807008	39.10	ng	100
91) Benzo(g,h,i)perylene	16.70	276	800320	38.76	ng	100

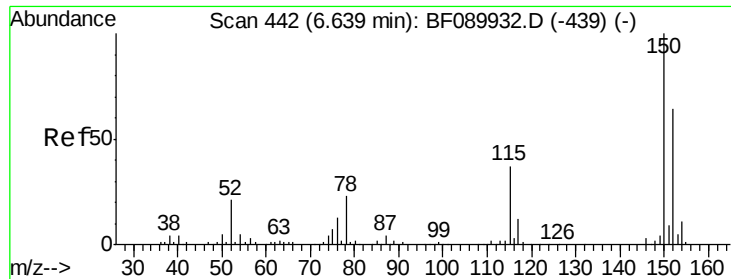
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

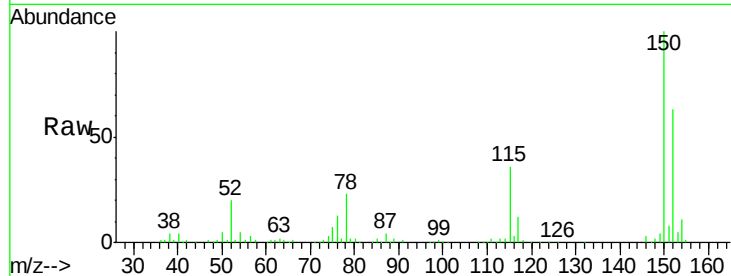
Tgt Ion:152 Resp: 184587

Ion Ratio Lower Upper

152 100

150 159.3 127.4 191.2

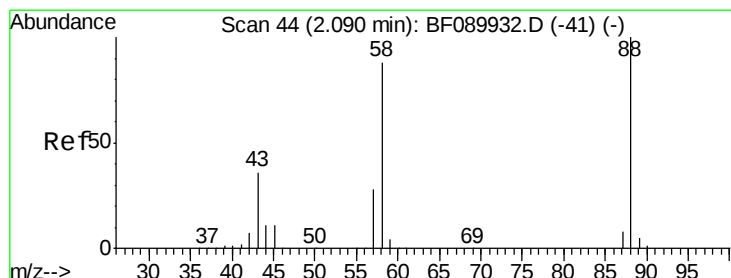
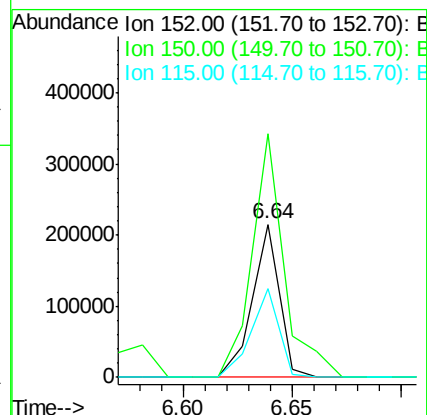
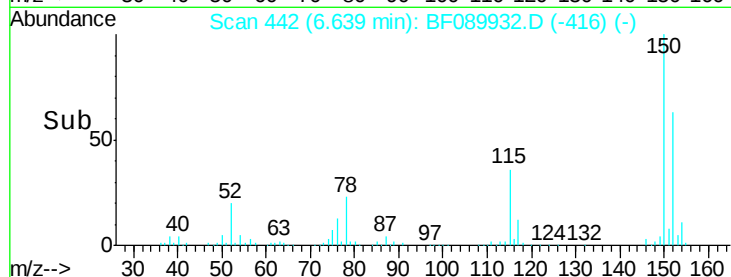
115 57.9 46.3 69.5



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: 38.00 ng

RT: 2.09 min Scan# 44

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

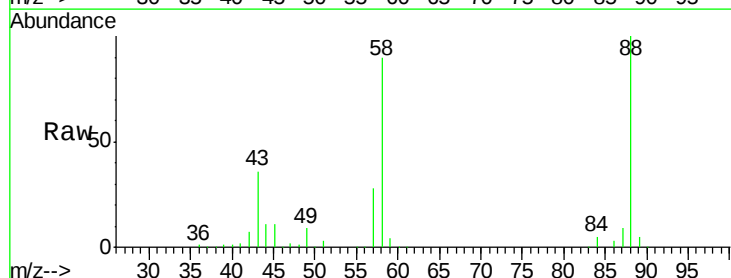
Tgt Ion: 88 Resp: 205720

Ion Ratio Lower Upper

88 100

58 86.0 68.8 103.2

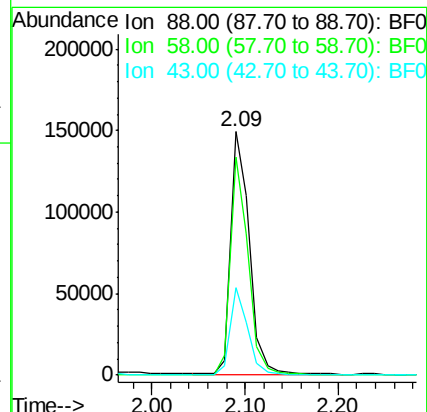
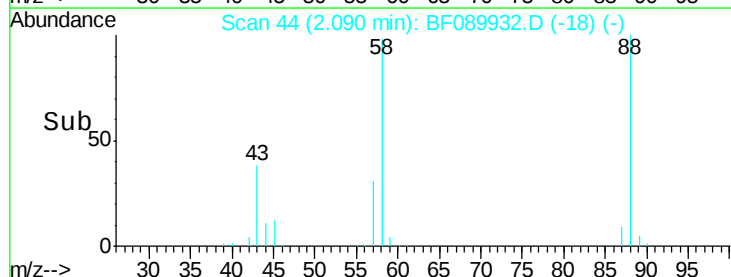
43 33.8 27.0 40.6

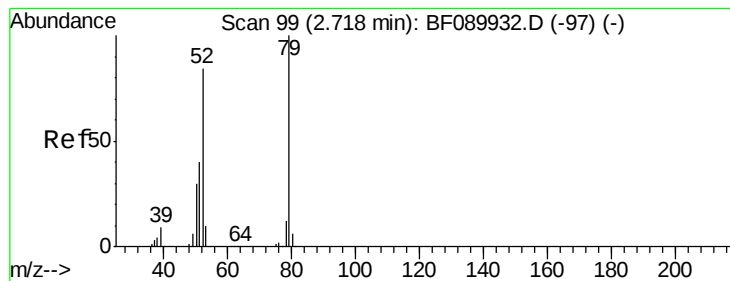


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.23 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

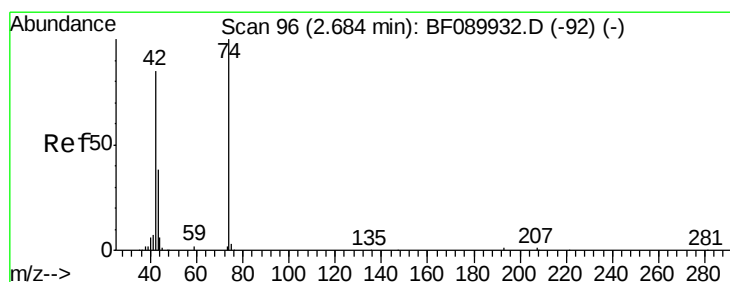
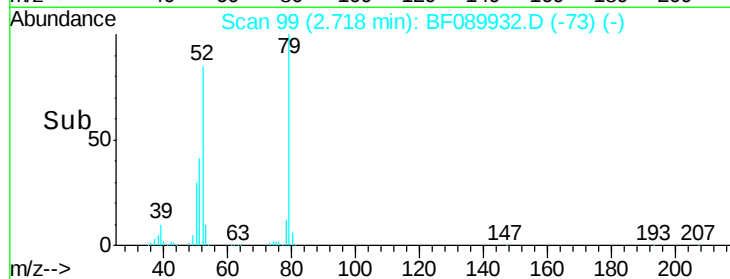
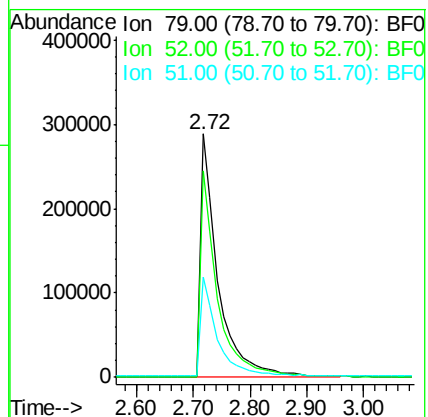
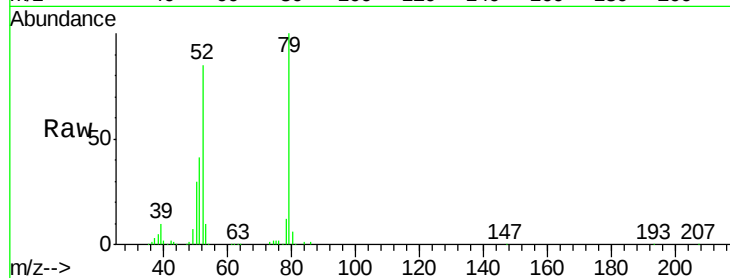
Tgt Ion: 79 Resp: 607483

Ion Ratio Lower Upper

79 100

52 84.7 67.8 101.6

51 41.1 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 41.14 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

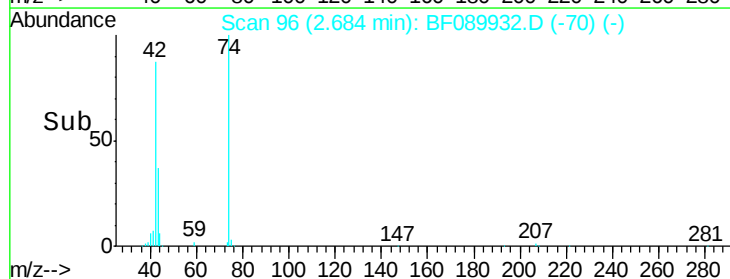
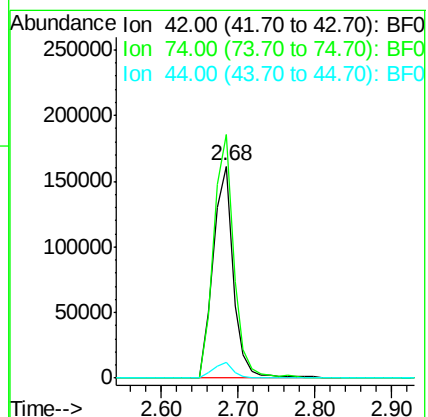
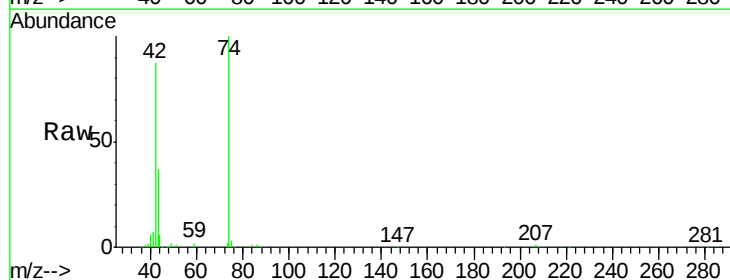
Tgt Ion: 42 Resp: 296342

Ion Ratio Lower Upper

42 100

74 115.0 92.0 138.0

44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 41.63 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

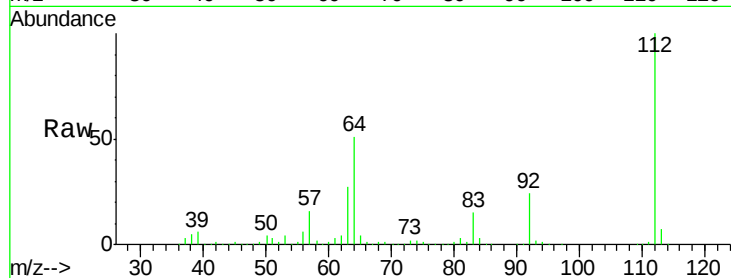
Tgt Ion: 112 Resp: 962199

Ion Ratio Lower Upper

112 100

64 51.4 41.1 61.7

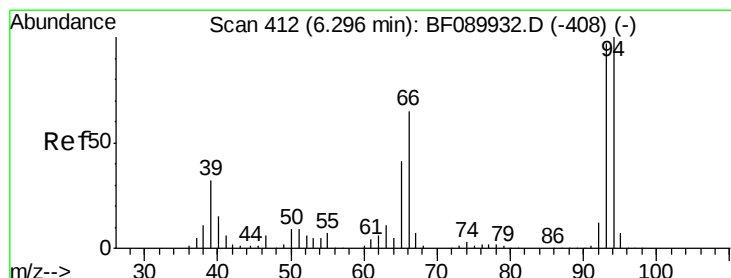
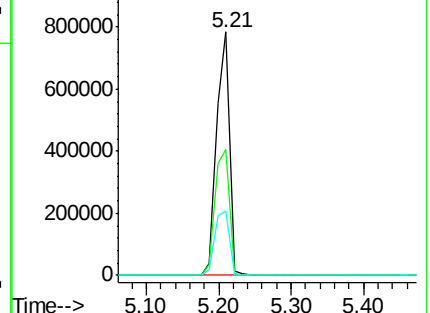
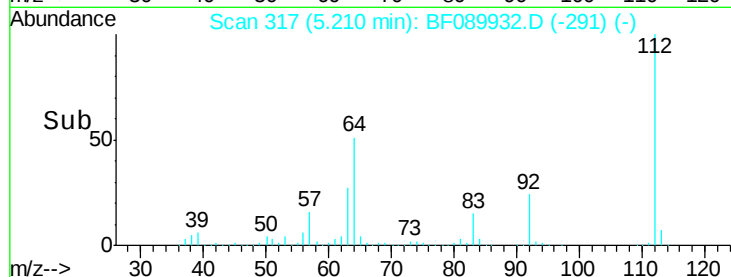
63 26.5 21.2 31.8



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: 37.84 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

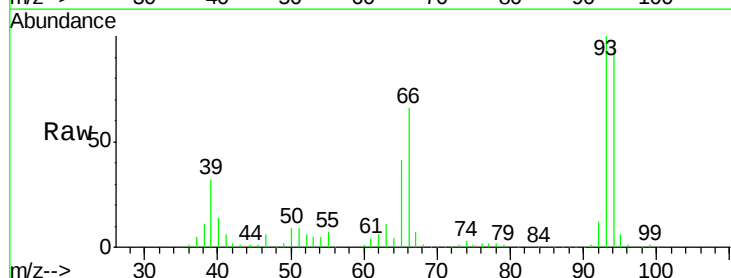
Tgt Ion: 93 Resp: 728299

Ion Ratio Lower Upper

93 100

66 66.1 52.9 79.3

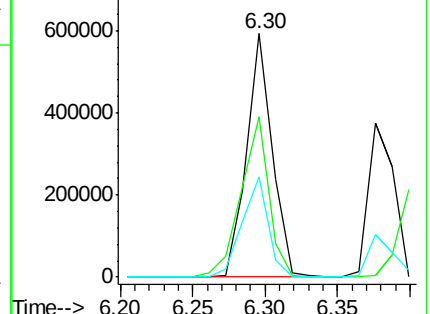
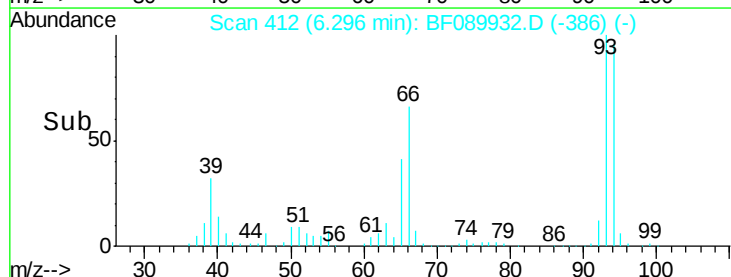
65 41.3 33.0 49.6

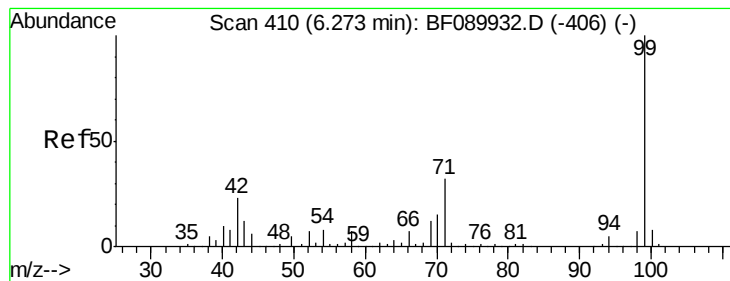


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.08 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

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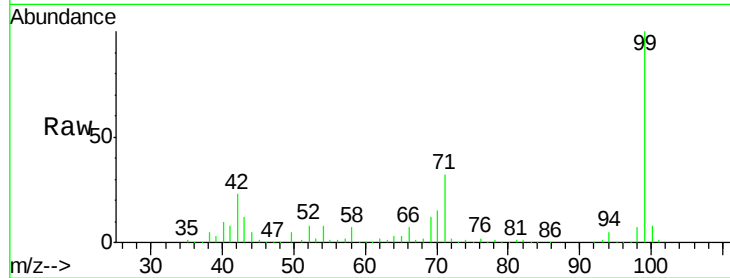
Tgt Ion: 99 Resp: 1135276

Ion Ratio Lower Upper

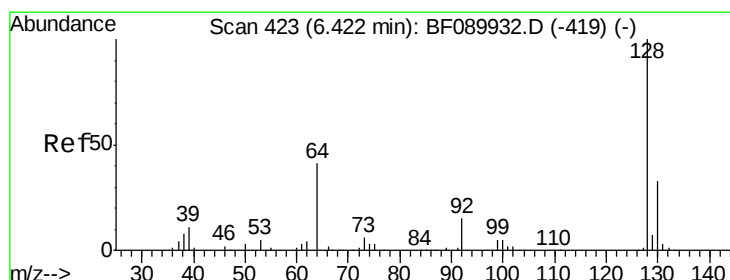
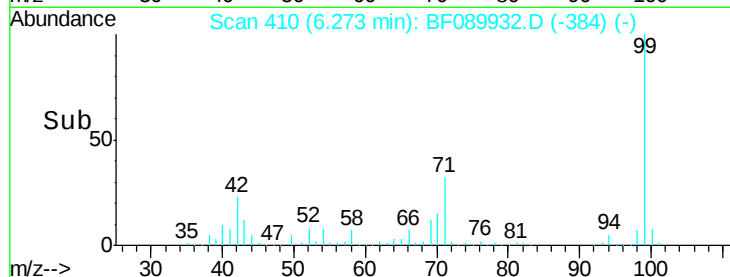
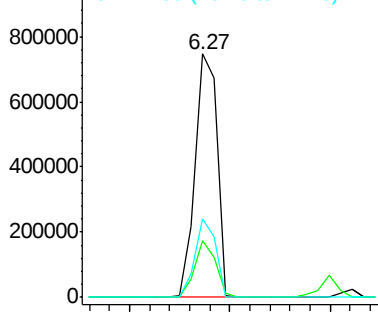
99 100

42 23.2 18.6 27.8

71 32.2 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: 40.09 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

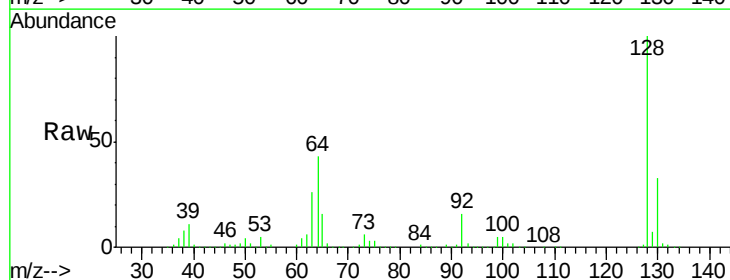
Tgt Ion: 128 Resp: 507254

Ion Ratio Lower Upper

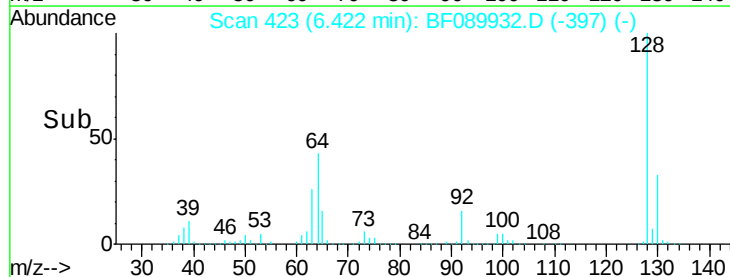
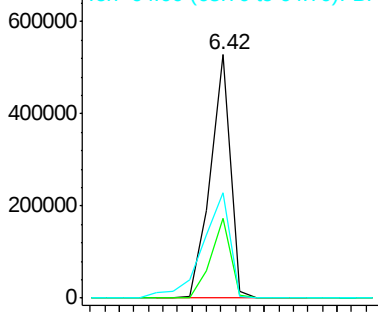
128 100

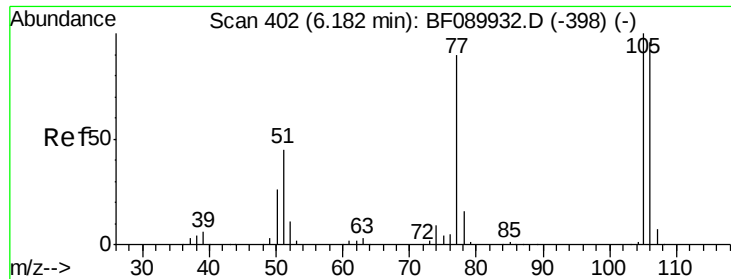
130 32.8 12.8 52.8

64 43.2 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: 39.64 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

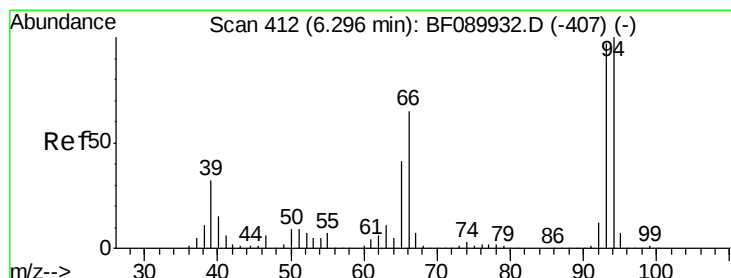
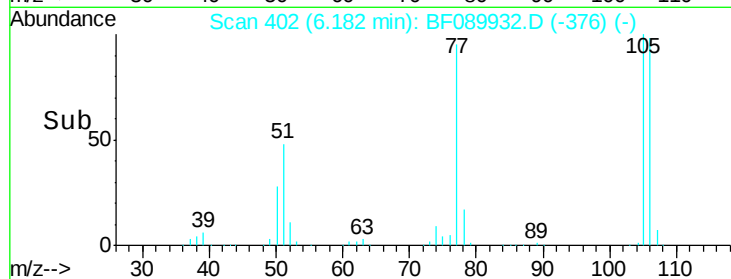
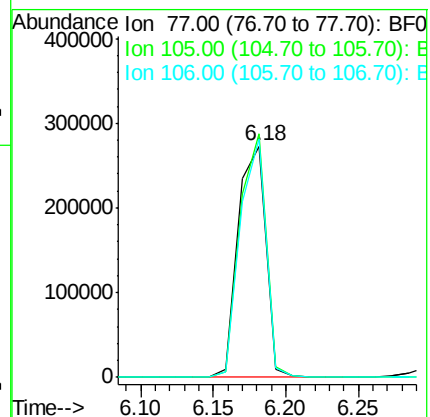
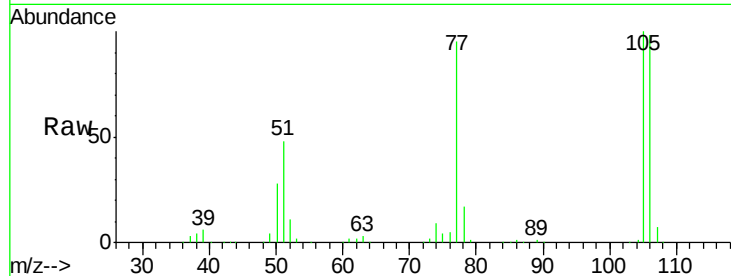
Tgt Ion: 77 Resp: 363624

Ion Ratio Lower Upper

77 100

105 105.4 85.4 125.4

106 103.4 83.4 123.4



#10

Phenol

Concen: 38.45 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

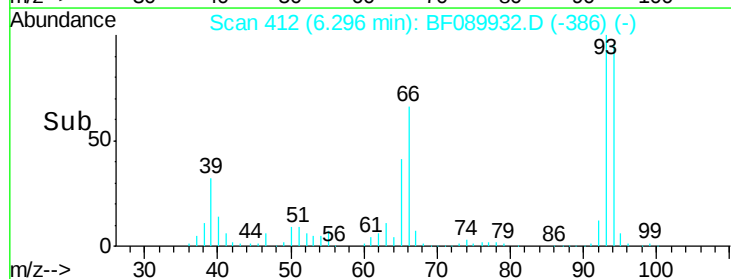
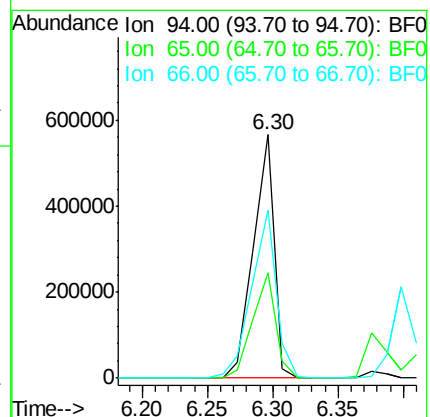
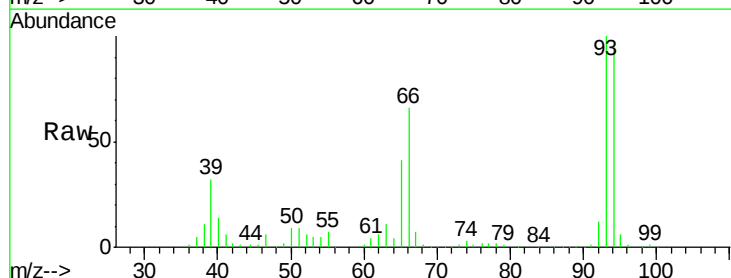
Tgt Ion: 94 Resp: 633440

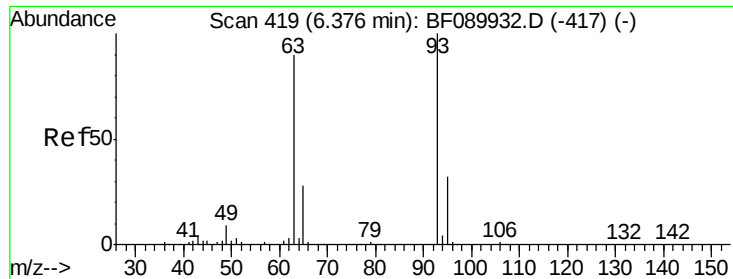
Ion Ratio Lower Upper

94 100

65 43.2 23.2 63.2

66 69.2 49.2 89.2

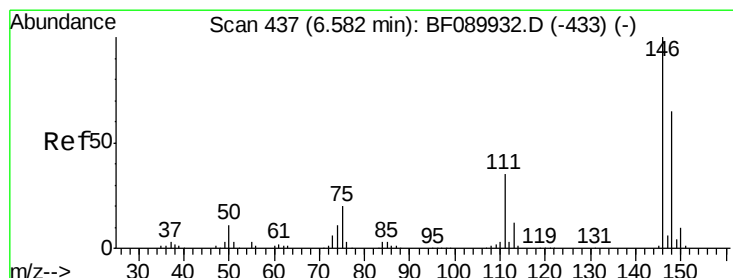
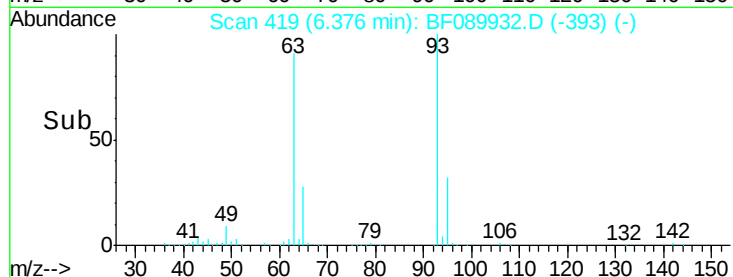
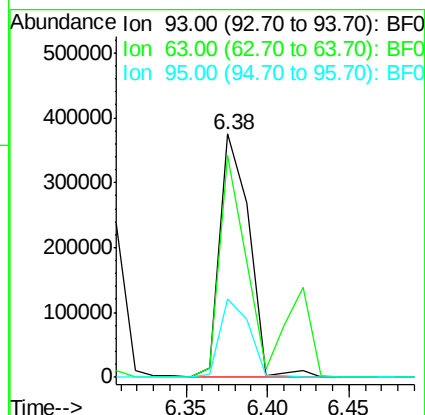
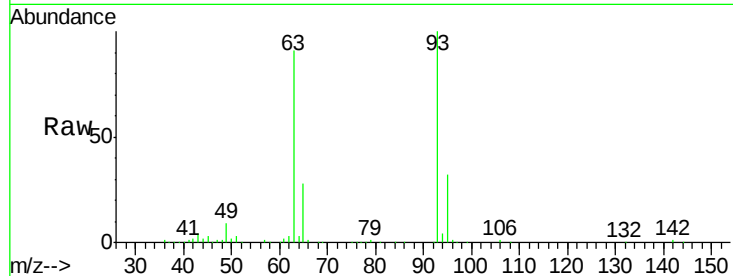




#11
bis(2-Chloroethyl)ether
Concen: 37.59 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

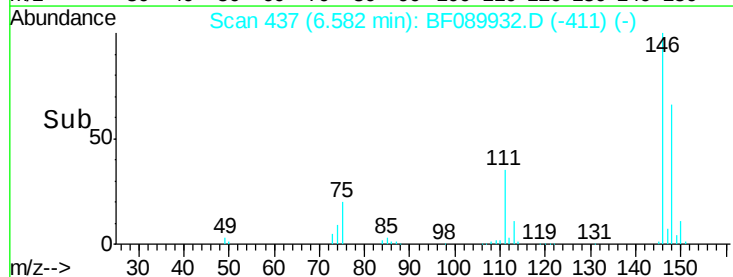
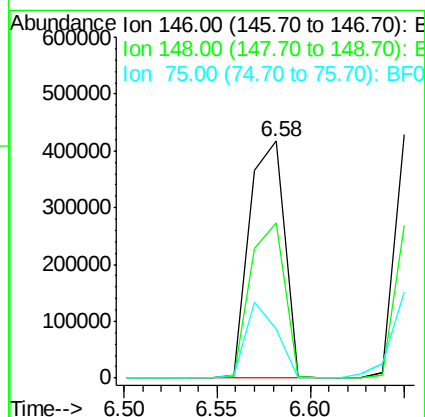
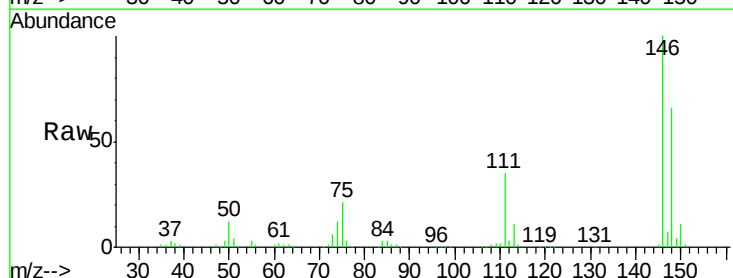
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

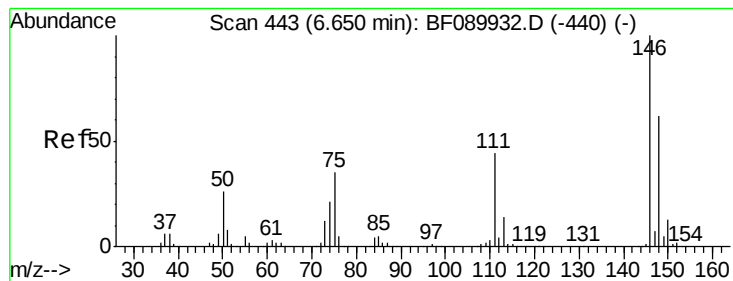
Tgt Ion: 93 Resp: 465457
Ion Ratio Lower Upper
93 100
63 91.1 71.1 111.1
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.26 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion: 146 Resp: 543396
Ion Ratio Lower Upper
146 100
148 65.6 52.5 78.7
75 20.7 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 37.98 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

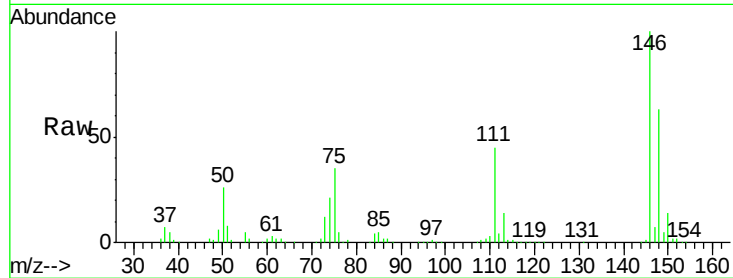
Tgt Ion:146 Resp: 548837

Ion Ratio Lower Upper

146 100

148 62.6 50.1 75.1

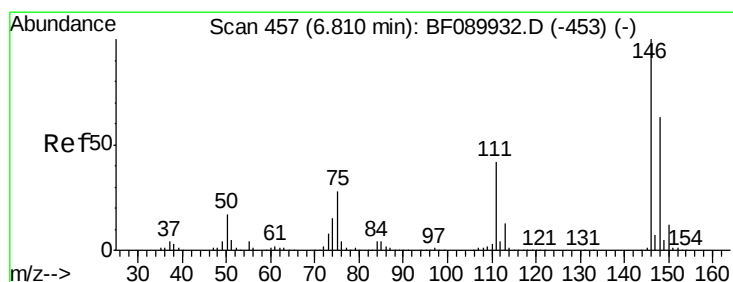
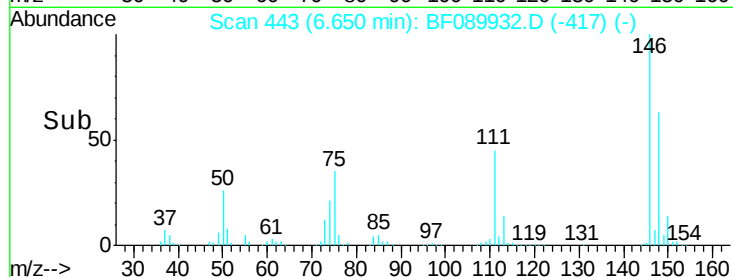
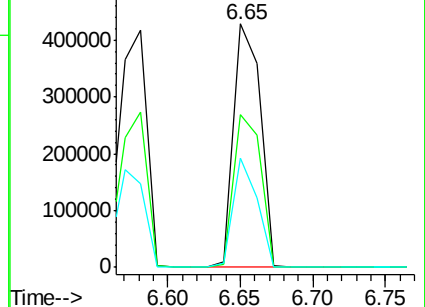
111 44.7 35.8 53.6



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: 41.15 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

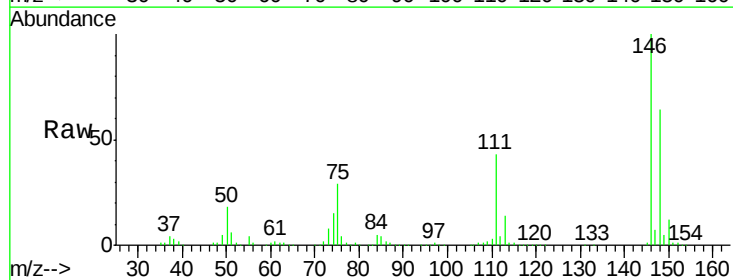
Tgt Ion:146 Resp: 526858

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

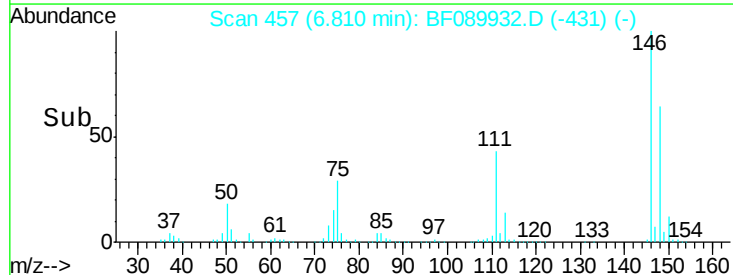
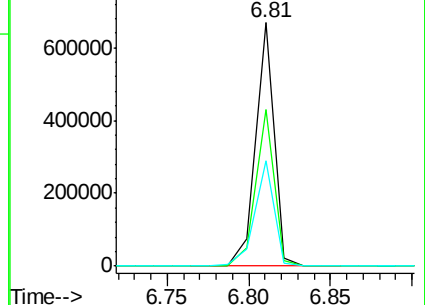
111 43.2 34.6 51.8

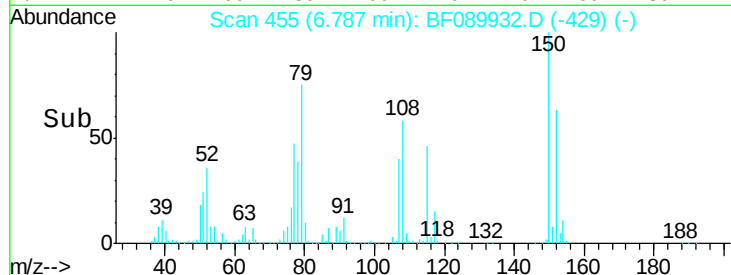
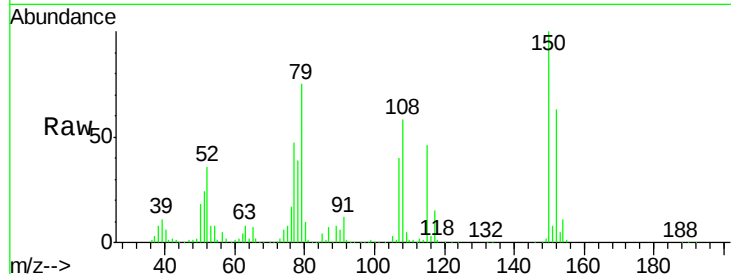


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

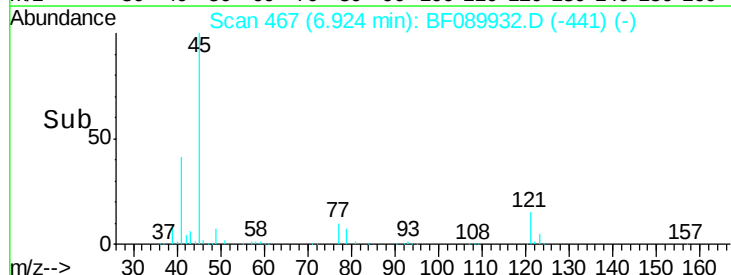
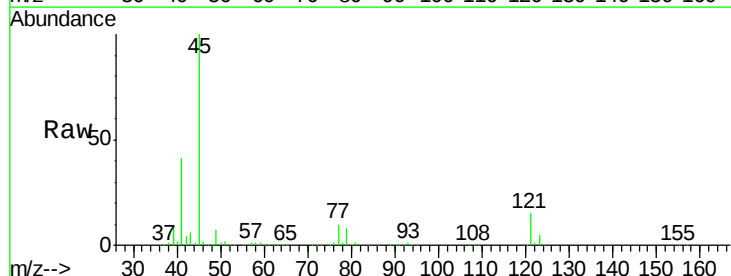
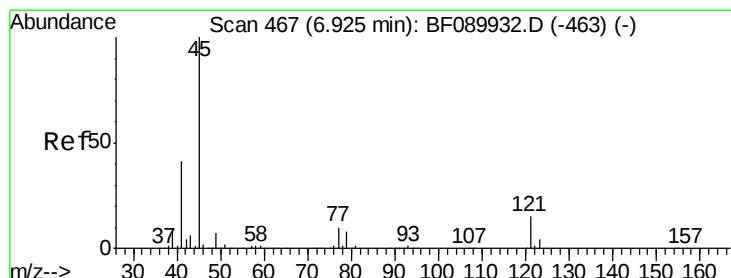
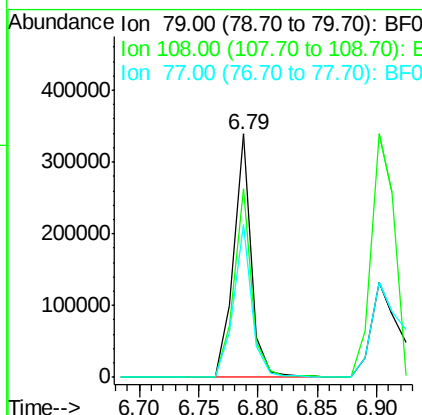




#15
Benzyl Alcohol
Concen: 39.15 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

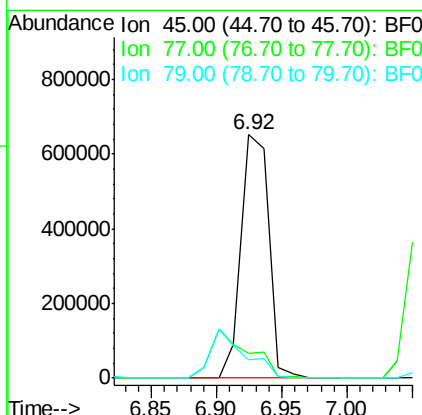
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

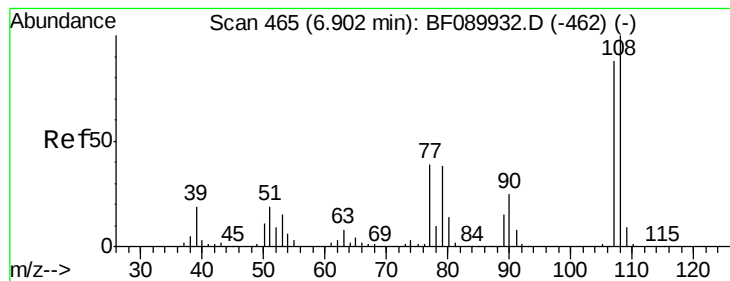
Tgt Ion: 79 Resp: 352633
Ion Ratio Lower Upper
79 100
108 77.6 62.1 93.1
77 62.6 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.34 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion: 45 Resp: 961592
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.3
79 7.5 0.0 27.5





#17

2-Methylphenol

Concen: 39.66 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 398938

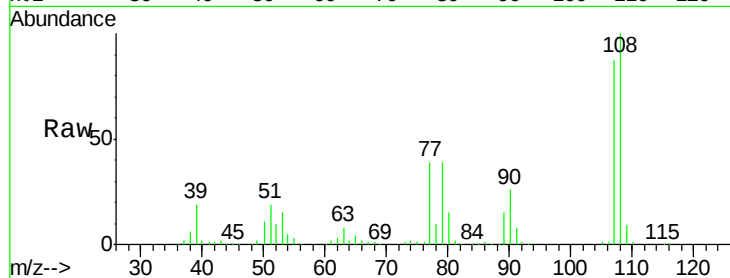
Ion Ratio Lower Upper

107 100

108 114.7 91.8 137.6

77 45.0 36.0 54.0

79 44.9 35.9 53.9

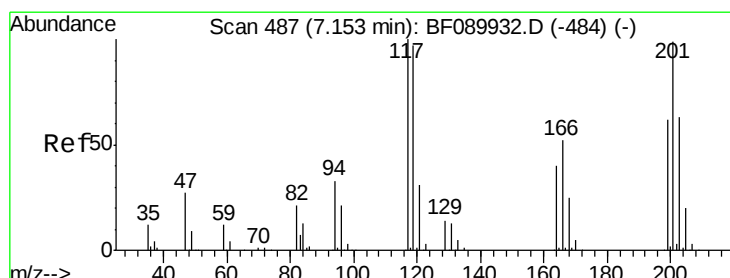
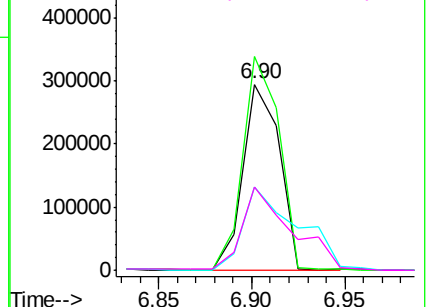
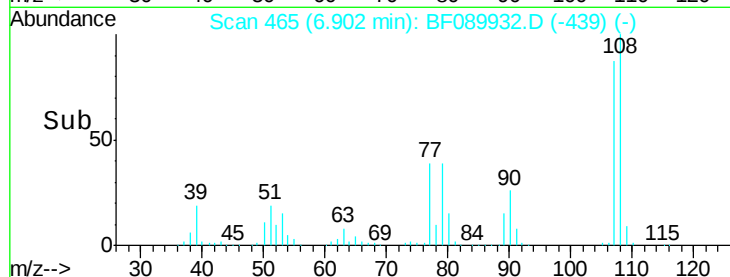


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.47 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

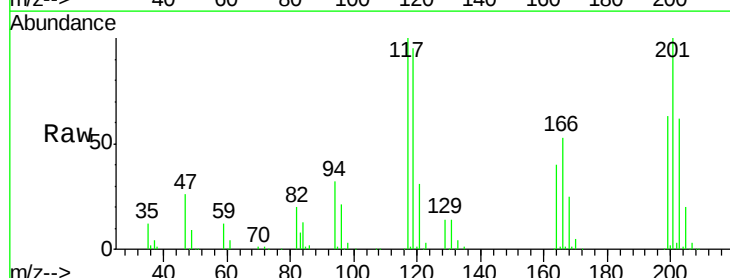
Tgt Ion:117 Resp: 195111

Ion Ratio Lower Upper

117 100

119 95.2 76.2 114.2

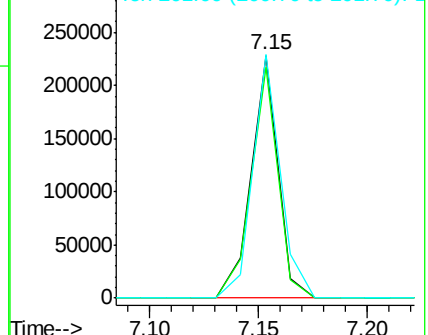
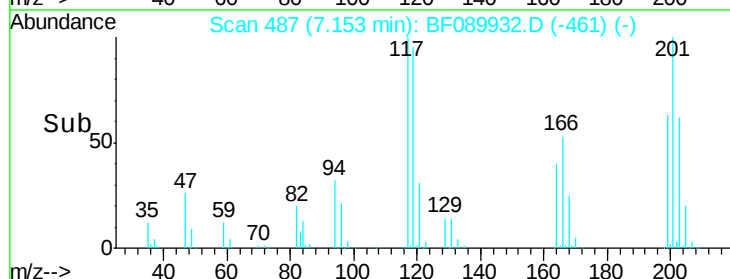
201 100.2 80.2 120.2



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

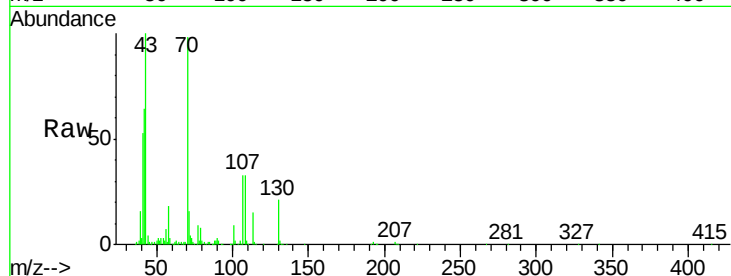




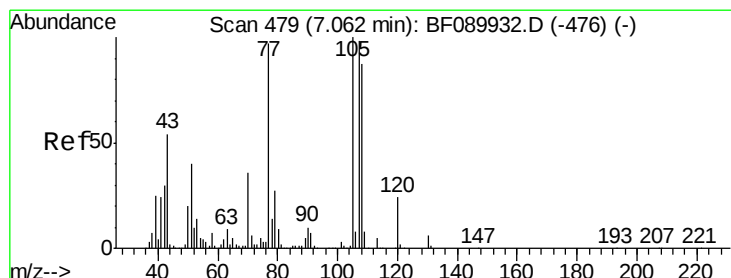
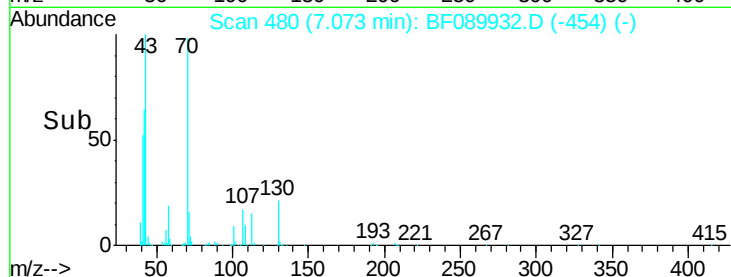
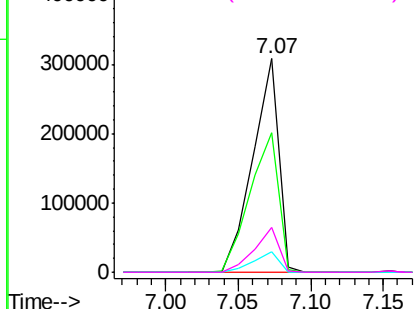
#19
n-Nitroso-di-n-propylamine
Concen: 41.07 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 383305
Ion Ratio Lower Upper
70 100
42 65.1 52.1 78.1
101 9.3 7.4 11.2
130 21.2 17.0 25.4

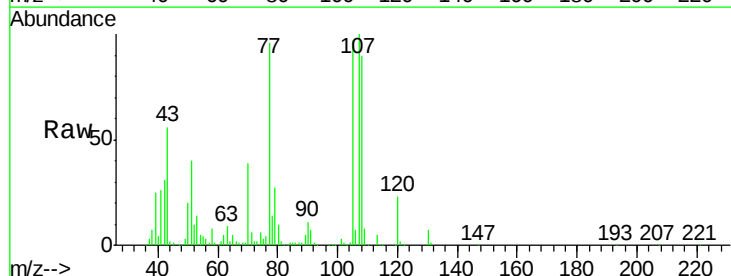


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

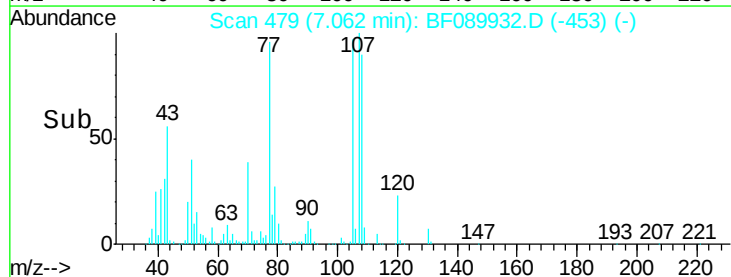
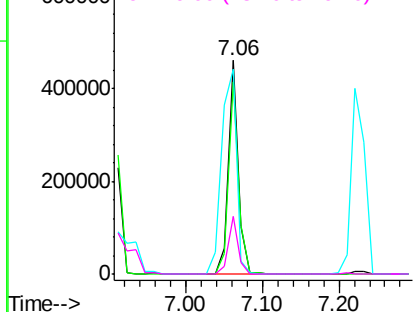


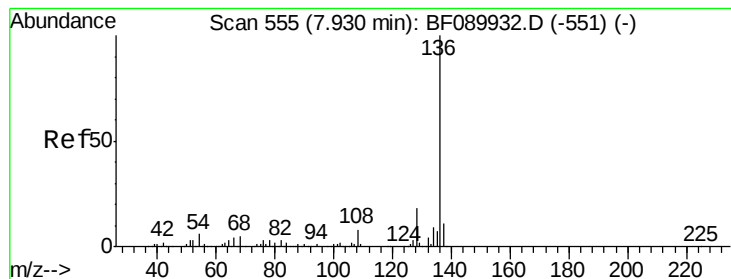
#20
3+4-Methylphenols
Concen: 35.37 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion: 107 Resp: 429124
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 95.7 75.7 115.7
79 27.0 7.0 47.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 736146

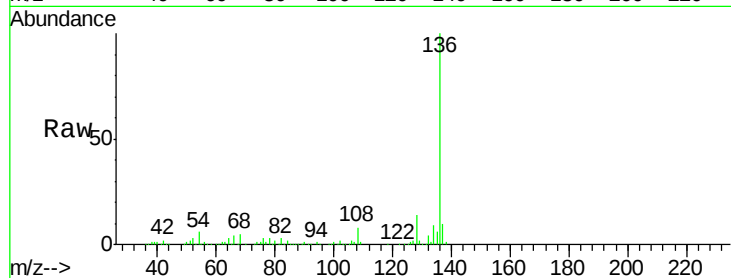
Ion Ratio Lower Upper

136 100

137 10.4 8.3 12.5

54 6.0 4.8 7.2

68 4.6 3.7 5.5

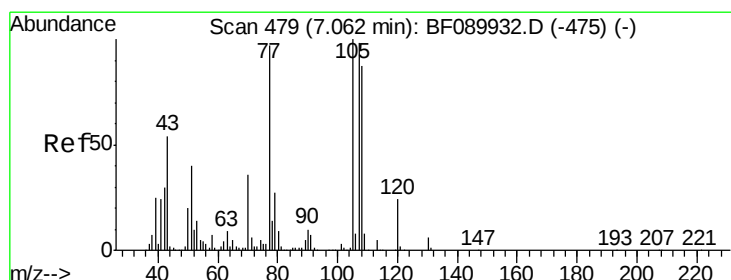
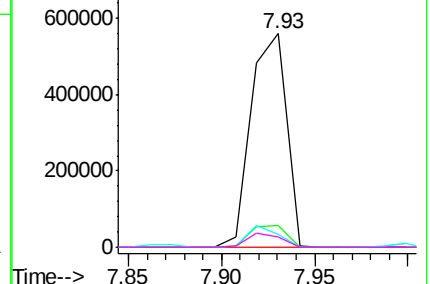
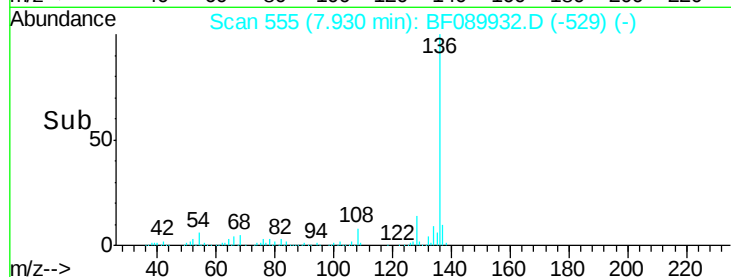


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.44 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Tgt Ion:105 Resp: 641625

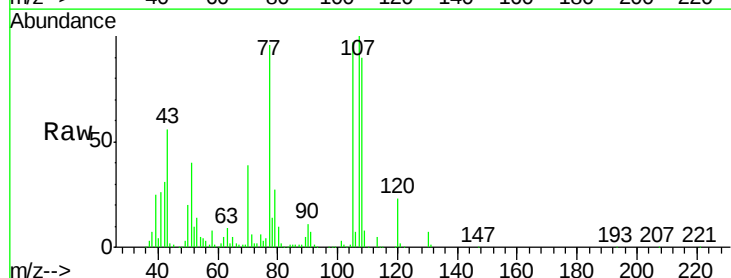
Ion Ratio Lower Upper

105 100

71 6.6 5.3 7.9

51 40.7 32.6 48.8

120 23.3 18.6 28.0

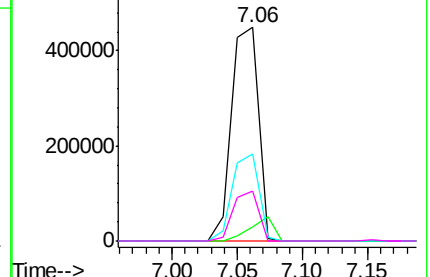
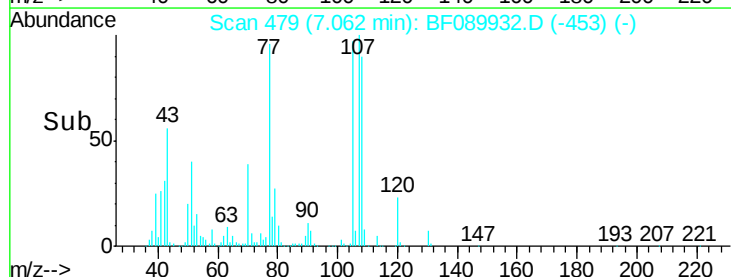


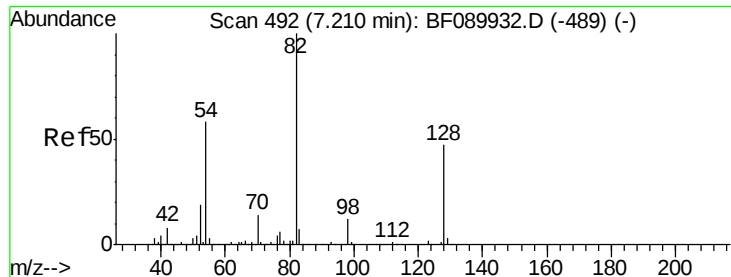
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

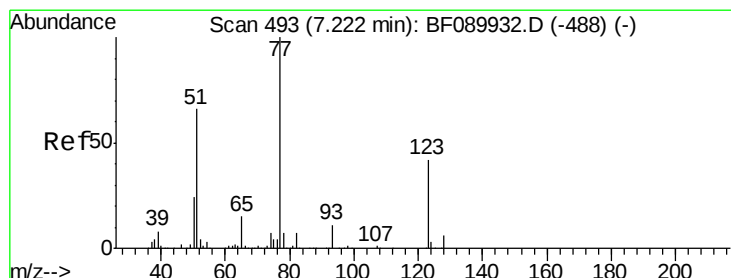
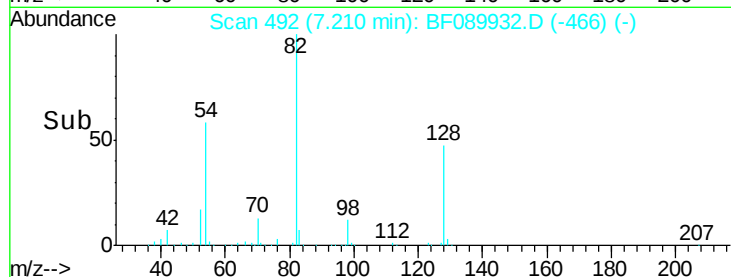
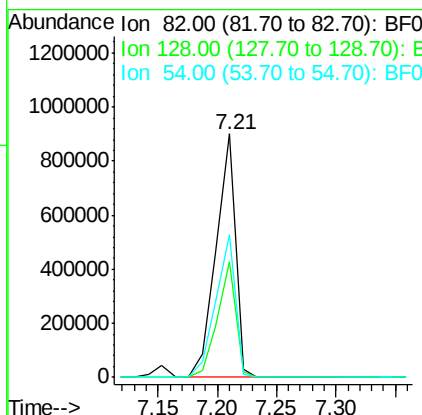
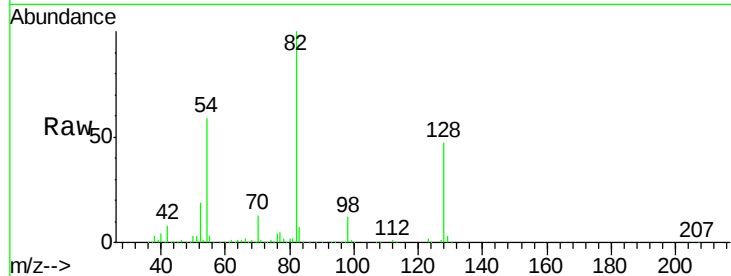




#23
 Nitrobenzene-d5
 Concen: 40.30 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

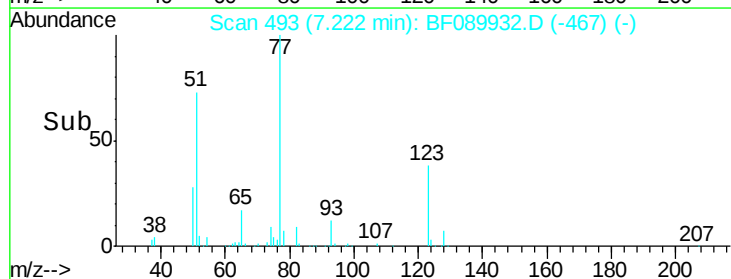
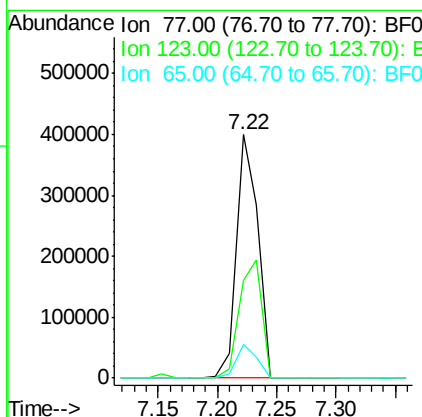
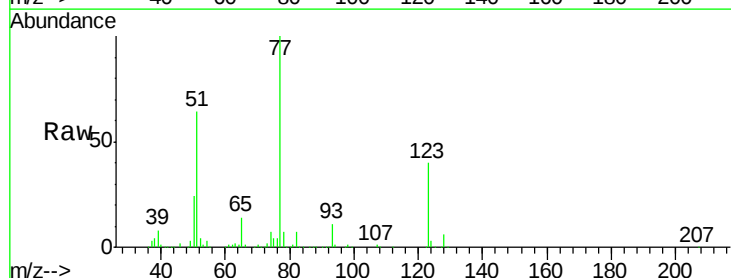
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

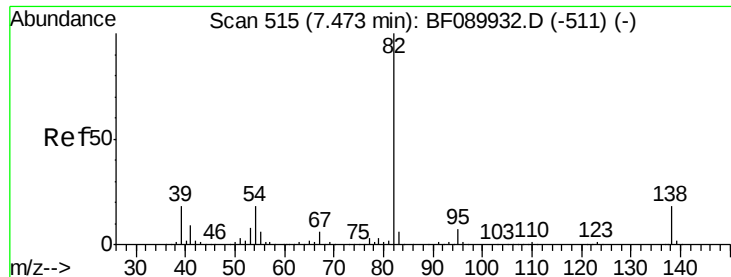
Tgt Ion: 82 Resp: 1010283
 Ion Ratio Lower Upper
 82 100
 128 47.3 37.8 56.8
 54 58.6 46.9 70.3



#24
 Nitrobenzene
 Concen: 37.90 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion: 77 Resp: 502083
 Ion Ratio Lower Upper
 77 100
 123 40.0 32.0 48.0
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 39.07 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

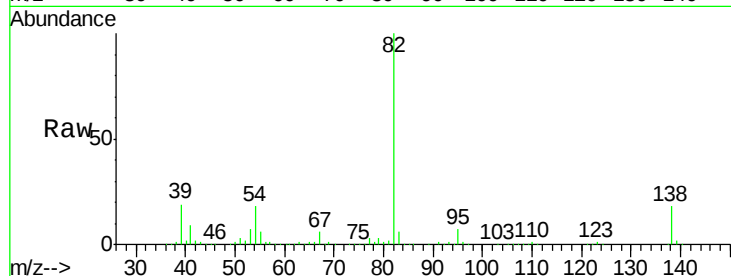
Tgt Ion: 82 Resp: 1003059

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

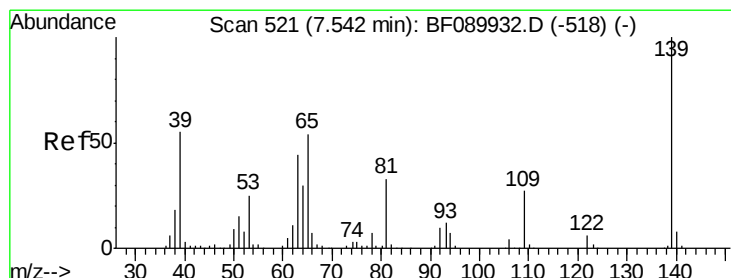
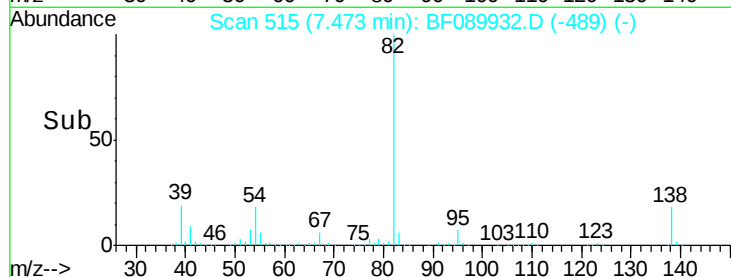
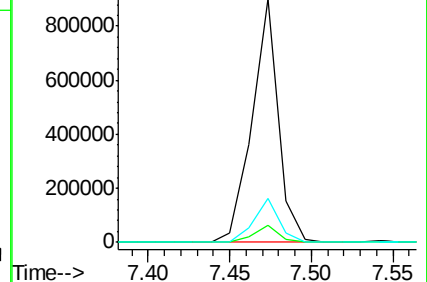
138 18.0 14.4 21.6



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: 40.21 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

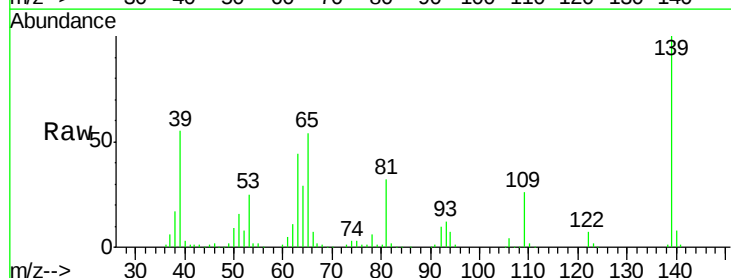
Tgt Ion: 139 Resp: 256351

Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.4

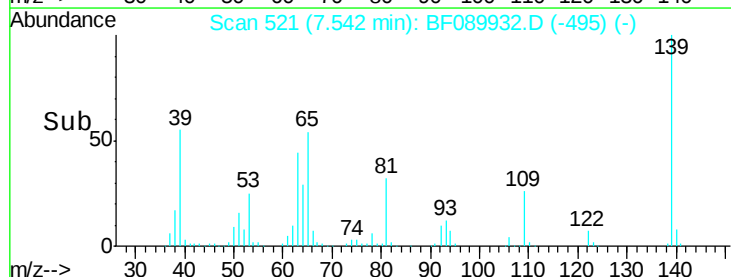
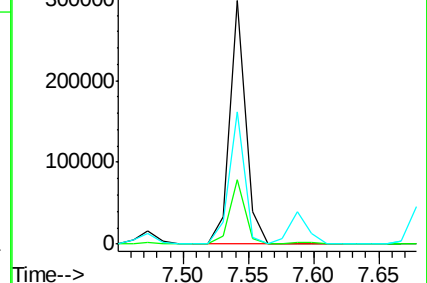
65 54.2 43.4 65.0

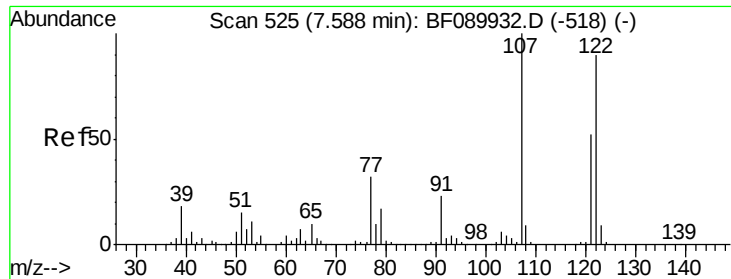


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 35.85 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

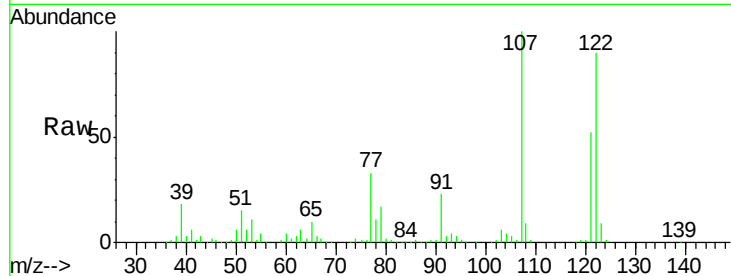
Tgt Ion:122 Resp: 433270

Ion Ratio Lower Upper

122 100

107 110.6 88.5 132.7

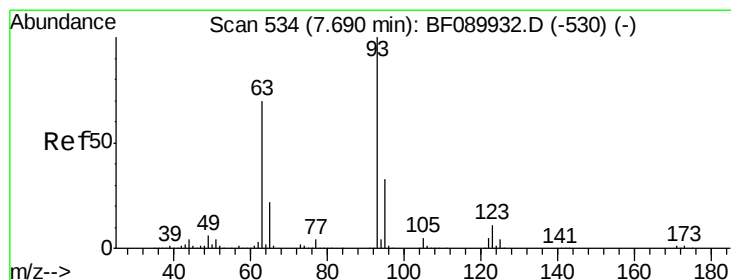
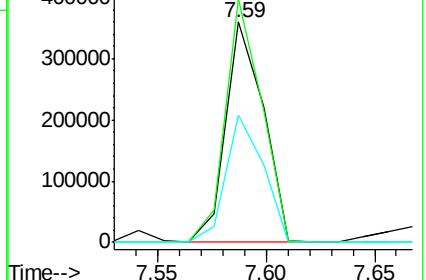
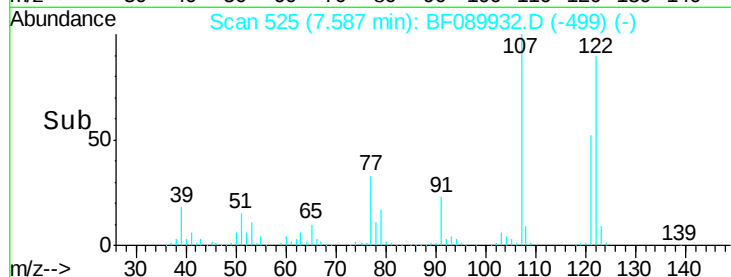
121 57.5 46.0 69.0



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: 41.25 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

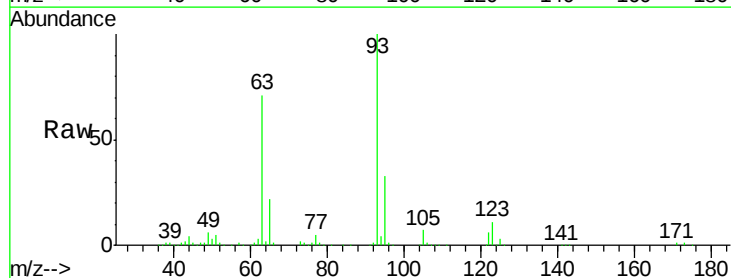
Tgt Ion: 93 Resp: 642422

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

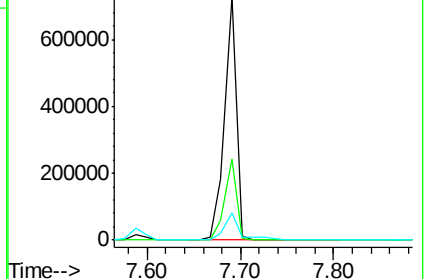
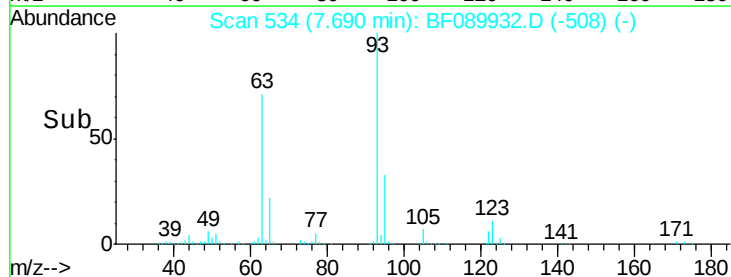
123 11.4 9.1 13.7



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

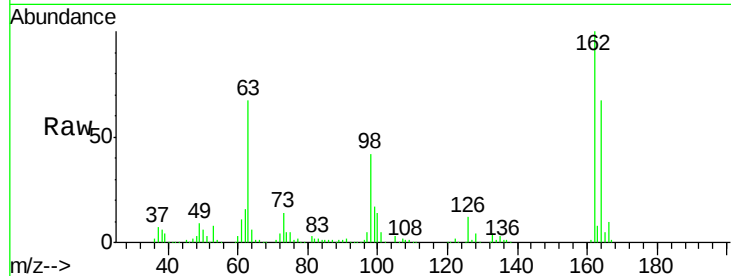




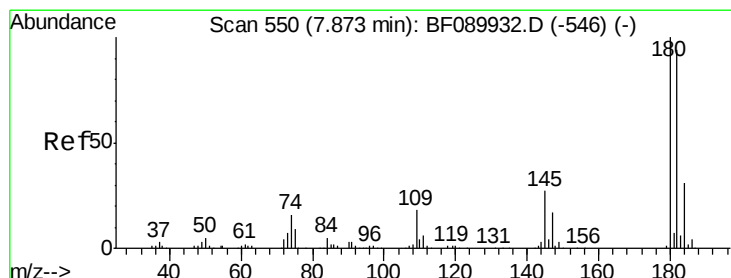
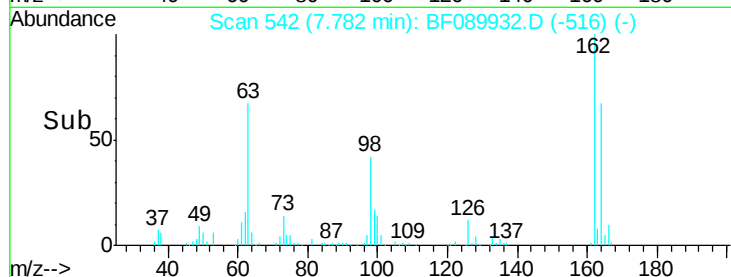
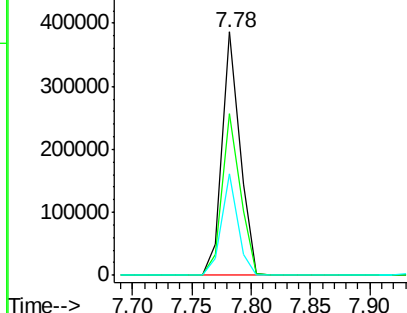
#29
 2,4-Dichlorophenol
 Concen: 37.45 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	46.6	86.6
98	42.0	22.0	62.0

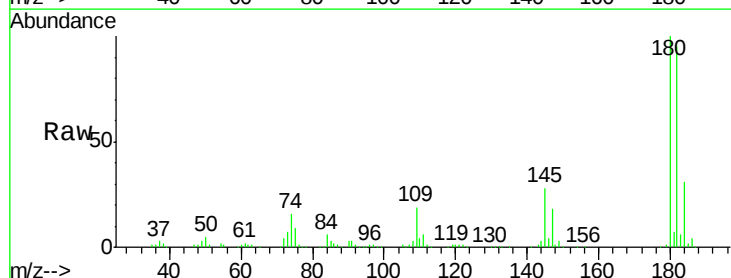


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

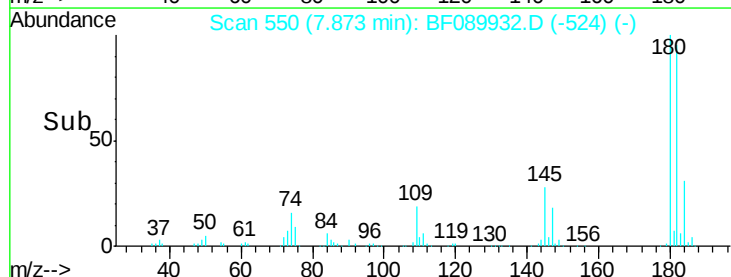
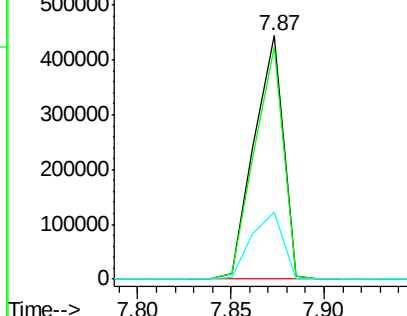


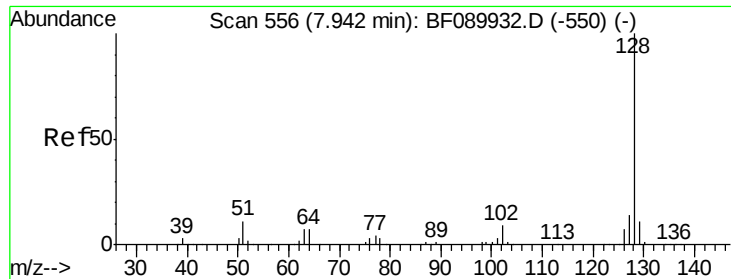
#30
 1,2,4-Trichlorobenzene
 Concen: 41.24 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	27.8	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

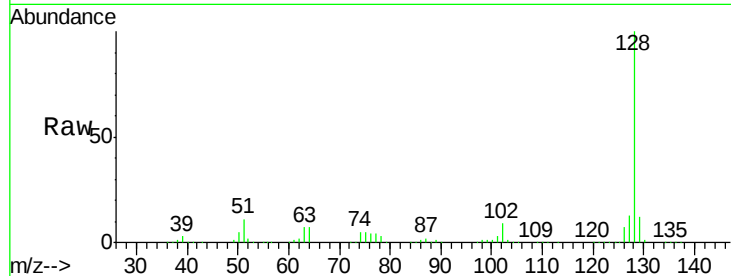




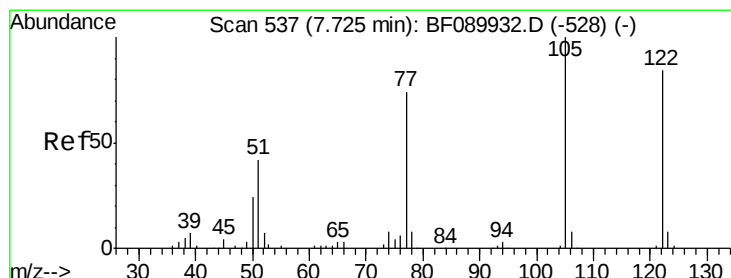
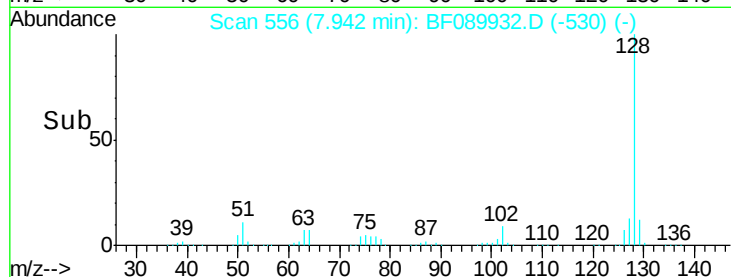
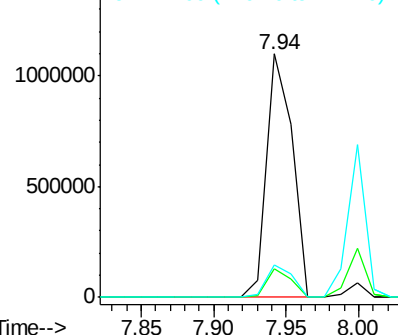
#31
Naphthalene
Concen: 36.79 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1346396
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.4 10.7 16.1

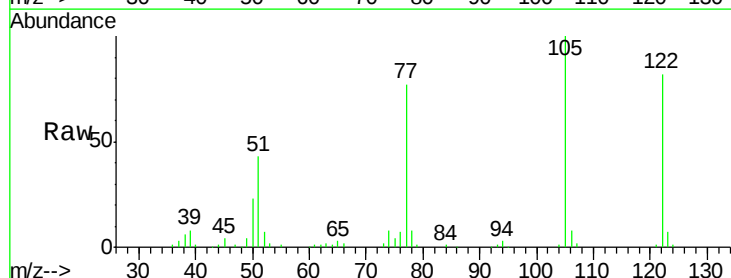


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

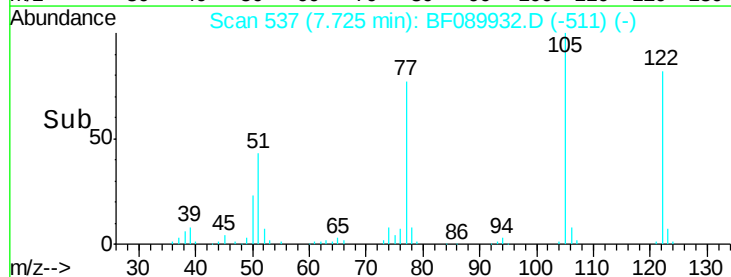
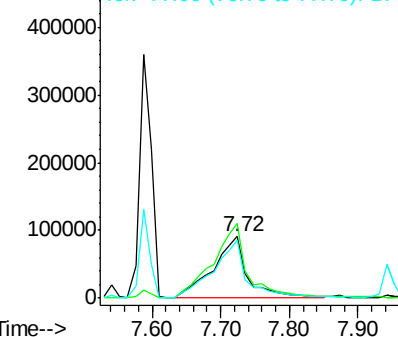


#32
Benzoic acid
Concen: 40.28 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion:122 Resp: 318377
Ion Ratio Lower Upper
122 100
105 122.2 102.2 142.2
77 94.1 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

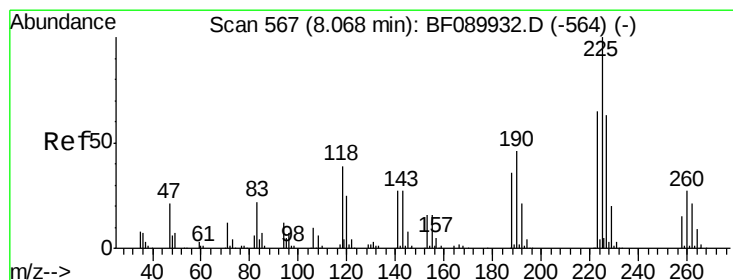
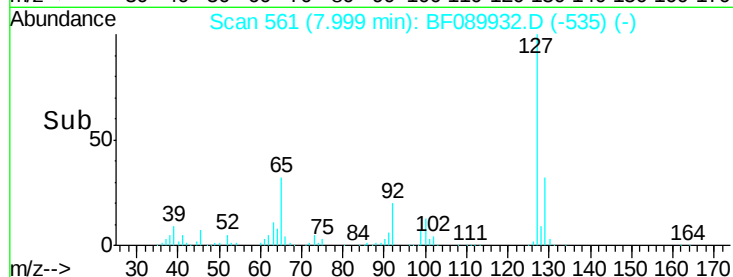
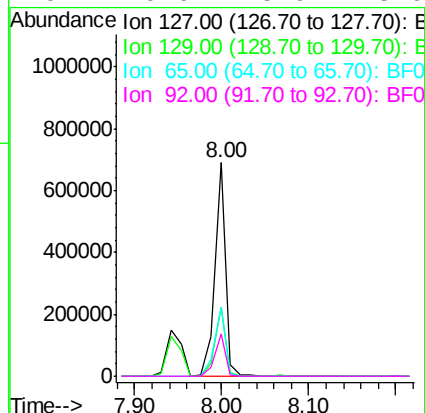
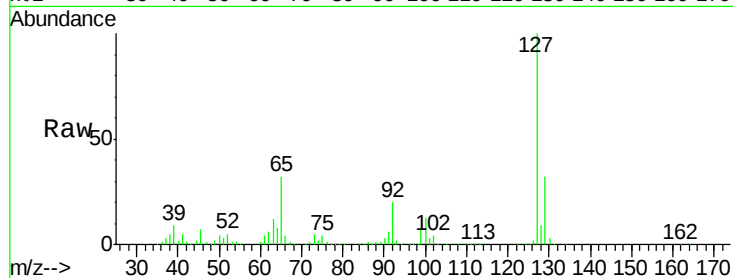




#33
4-Chloroaniline
Concen: 40.90 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

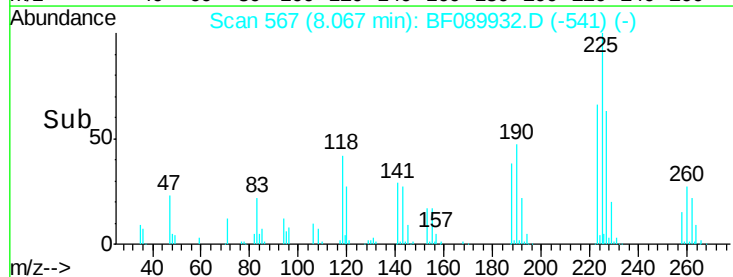
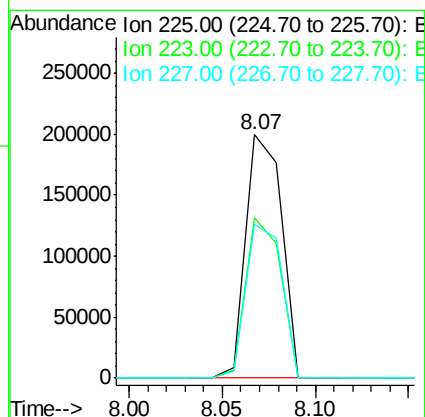
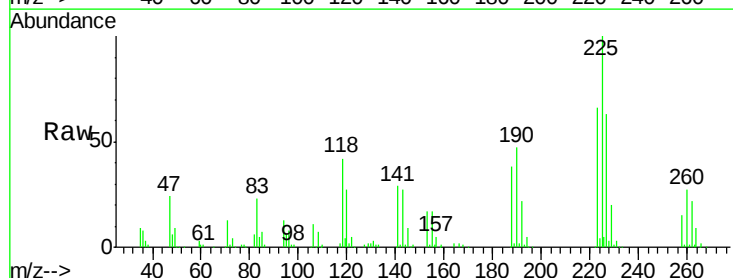
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

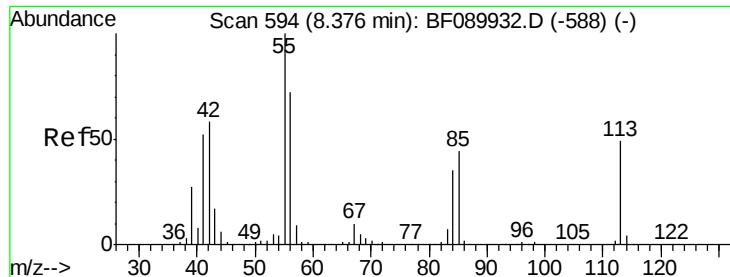
Tgt Ion:	127	Resp:	600484
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.5	26.0	39.0
92	19.9	15.9	23.9



#34
Hexachlorobutadiene
Concen: 38.80 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion:	225	Resp:	264648
Ion	Ratio	Lower	Upper
225	100		
223	65.7	52.6	78.8
227	63.5	50.8	76.2

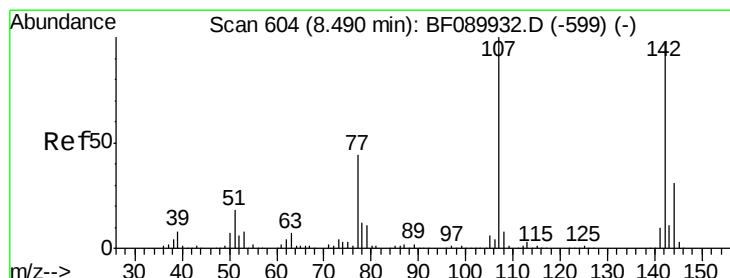
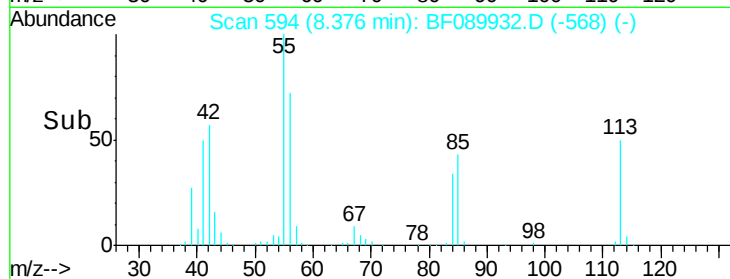
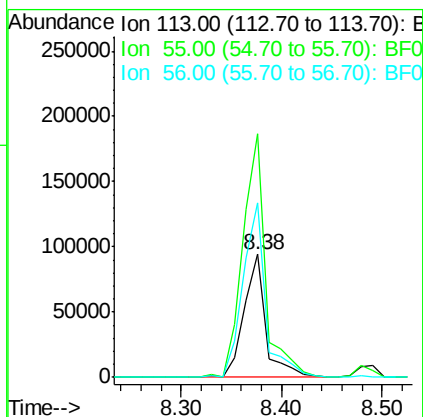
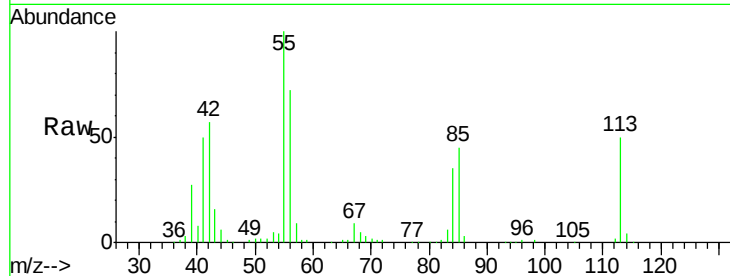




#35
 Caprolactam
 Concen: 42.07 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

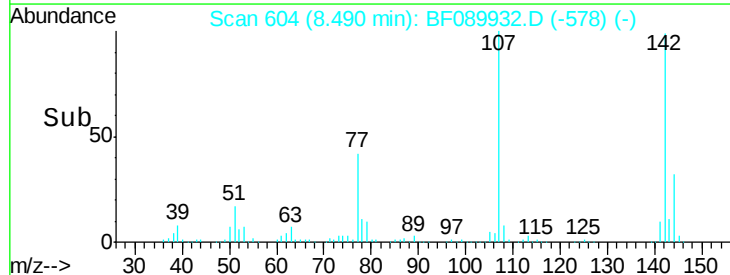
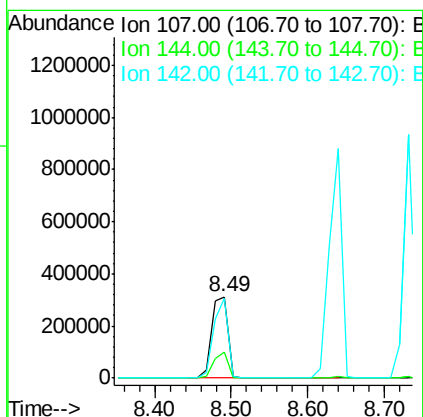
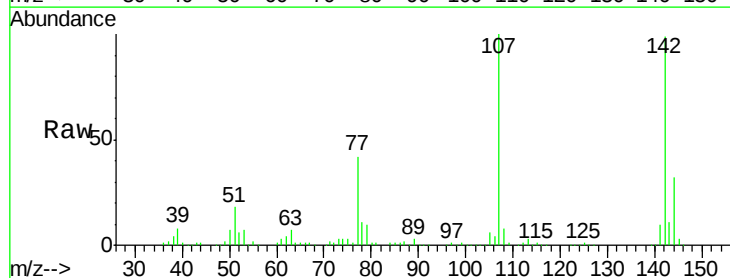
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

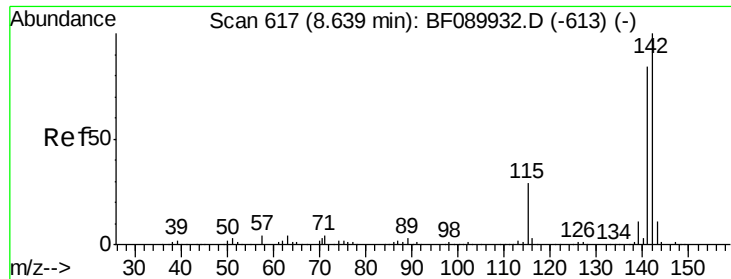
Tgt Ion:113 Resp: 140862
 Ion Ratio Lower Upper
 113 100
 55 198.5 178.5 218.5
 56 142.7 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.56 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:107 Resp: 450233
 Ion Ratio Lower Upper
 107 100
 144 32.3 25.8 38.8
 142 99.0 79.2 118.8

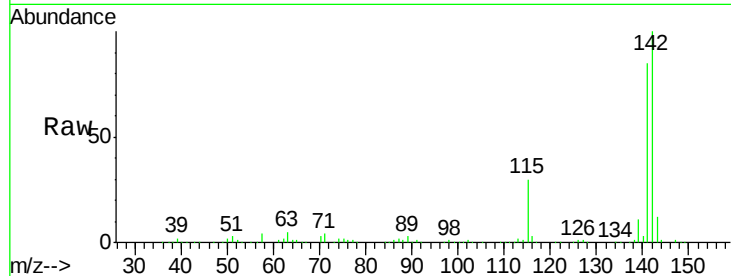




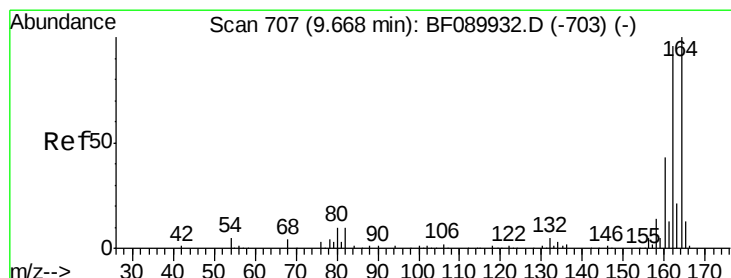
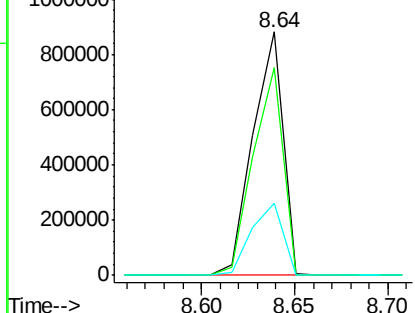
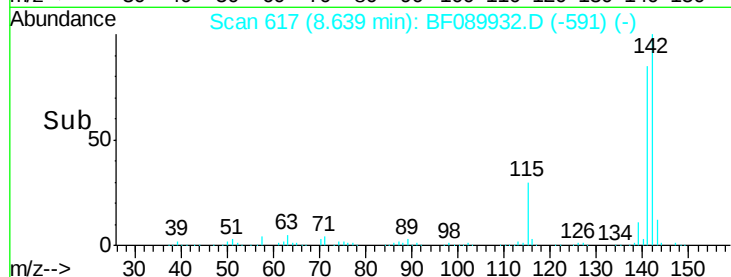
#37
 2-Methylnaphthalene
 Concen: 40.86 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:142 Resp: 983113
 Ion Ratio Lower Upper
 142 100
 141 85.4 68.3 102.5
 115 29.8 23.8 35.8

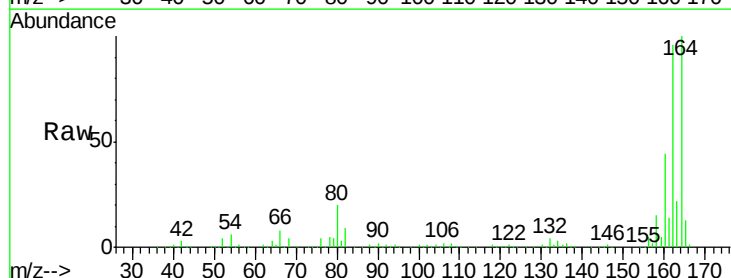


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

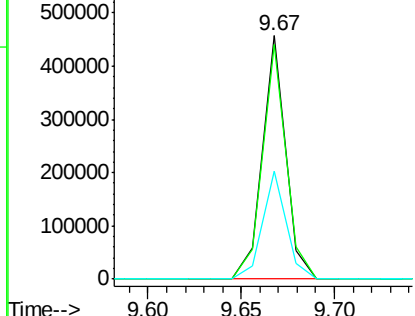
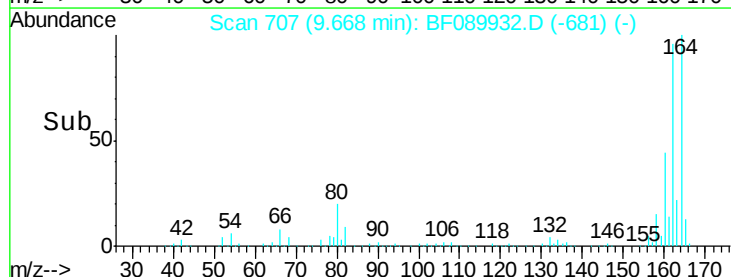


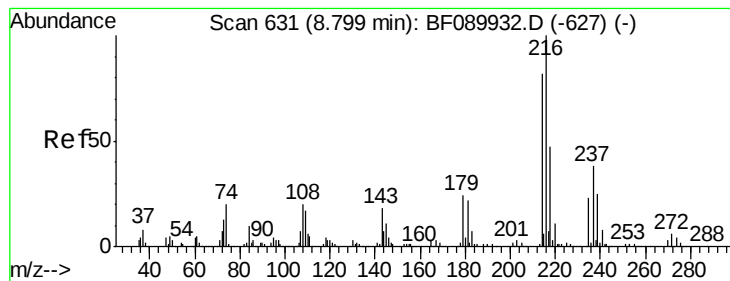
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:164 Resp: 390661
 Ion Ratio Lower Upper
 164 100
 162 96.4 77.1 115.7
 160 44.1 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: 35.13 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:216 Resp: 405373

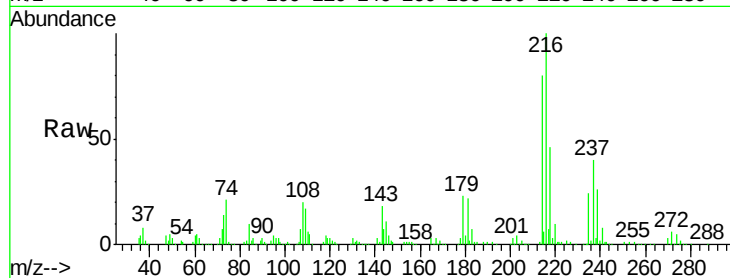
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 21.6 17.3 25.9

108 19.4 15.5 23.3

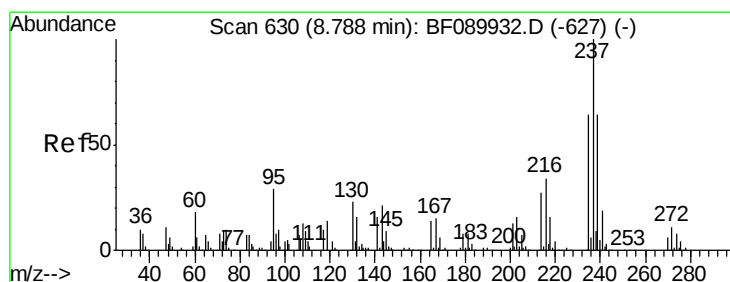
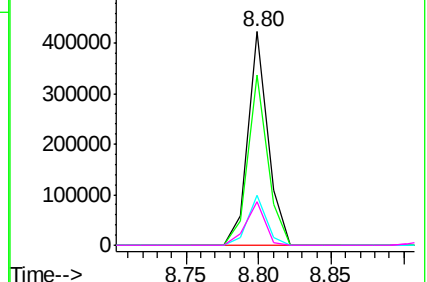
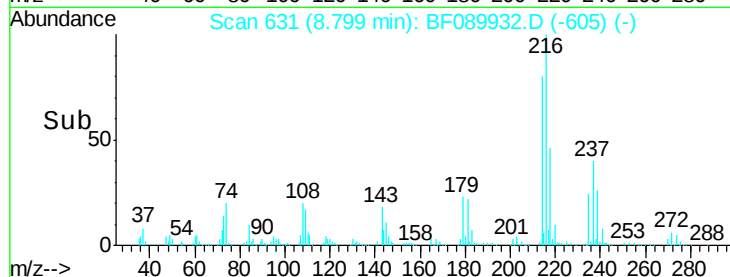


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.80 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

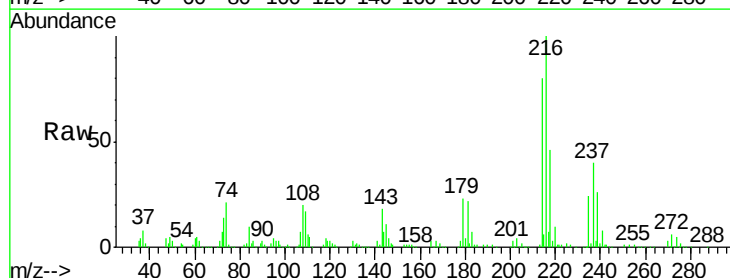
Tgt Ion:237 Resp: 241218

Ion Ratio Lower Upper

237 100

235 59.6 39.6 79.6

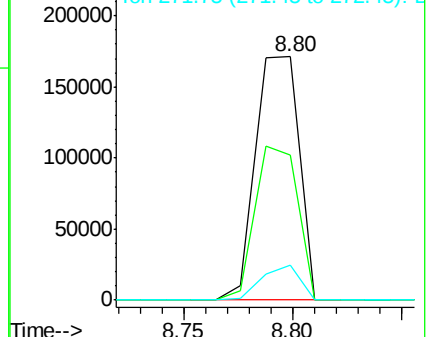
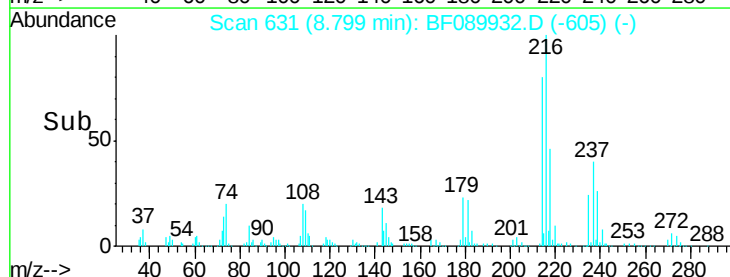
272 14.6 0.0 34.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

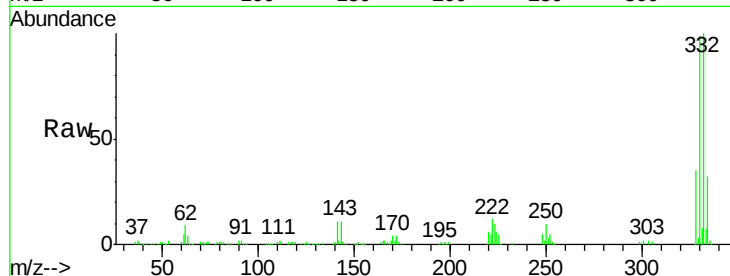




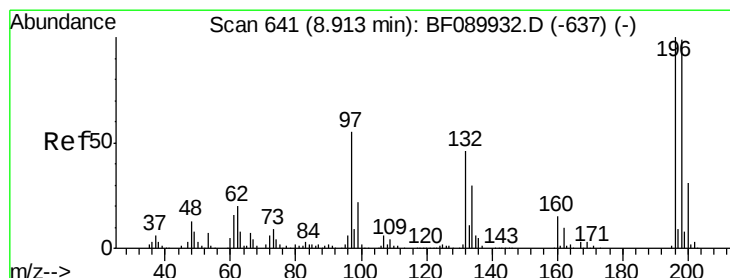
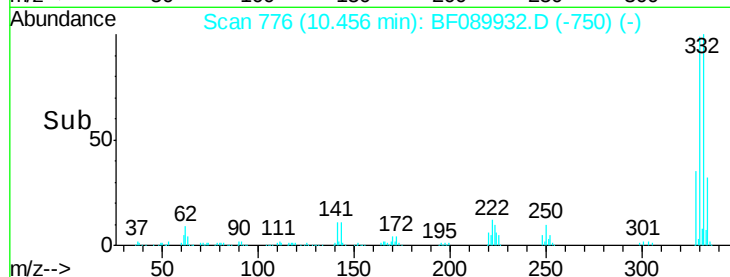
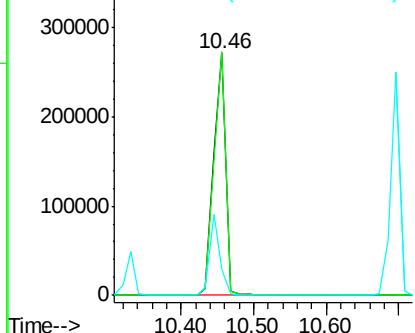
#41
 2,4,6-Tribromophenol
 Concen: 41.97 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:330 Resp: 311503
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.6 117.8
 141 29.1 23.3 34.9

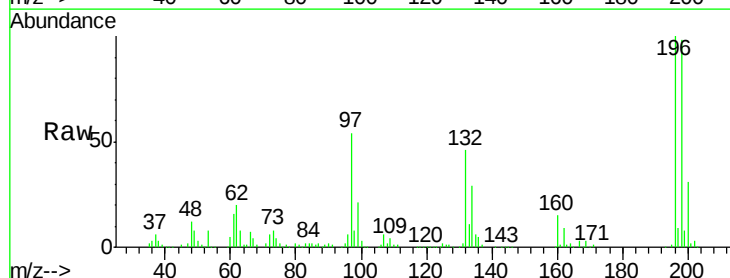


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

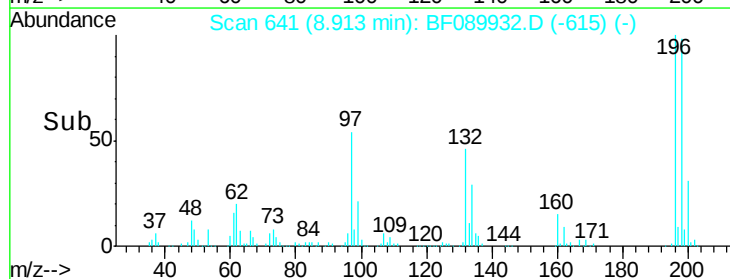
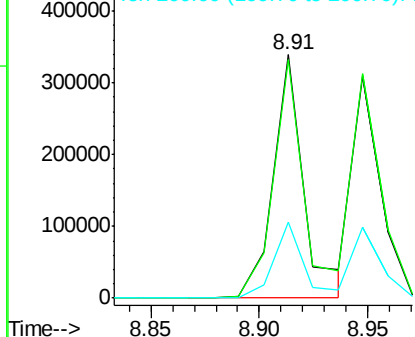


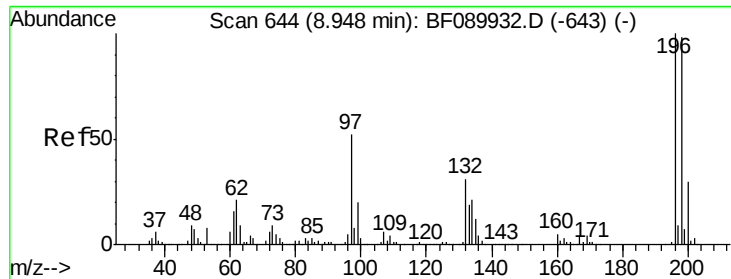
#42
 2,4,6-Trichlorophenol
 Concen: 42.43 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:196 Resp: 335846
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.3 117.5
 200 31.0 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

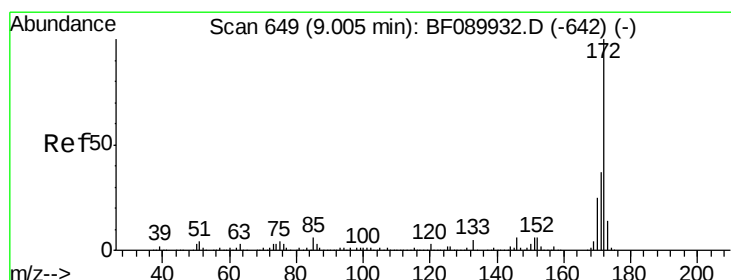
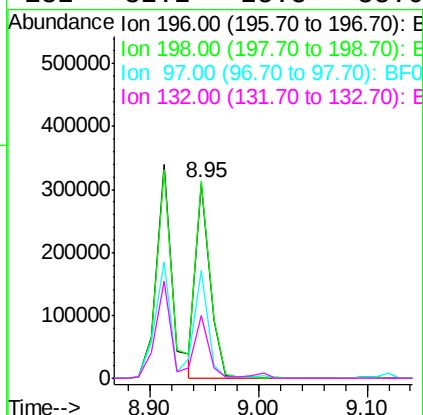
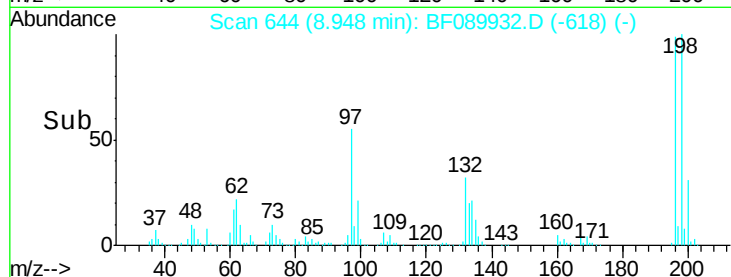
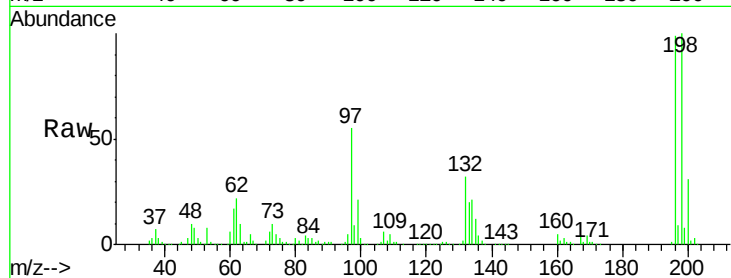




#43
 2,4,5-Trichlorophenol
 Concen: 36.10 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

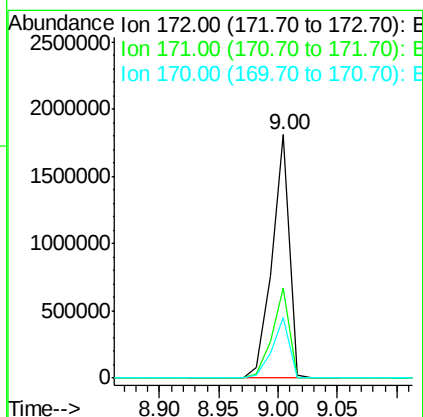
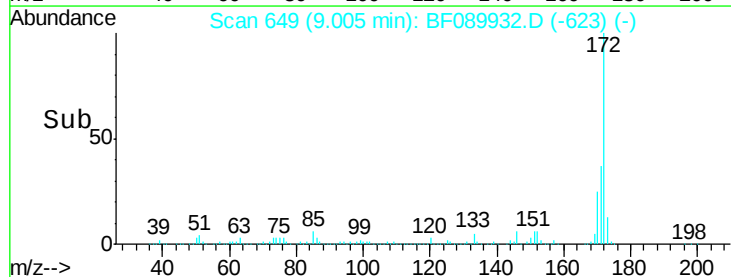
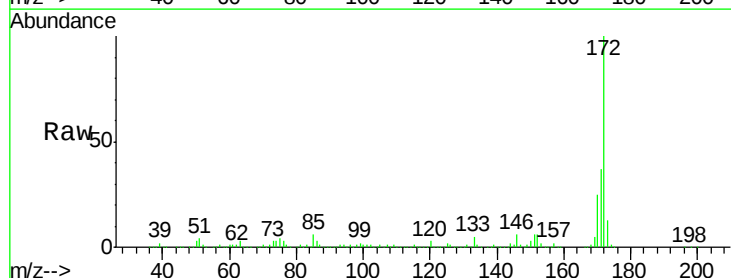
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	80.8	121.2
97	55.3	44.2	66.4
132	32.2	25.8	38.6



#44
 2-Fluorobiphenyl
 Concen: 38.72 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	25.1	20.1	30.1

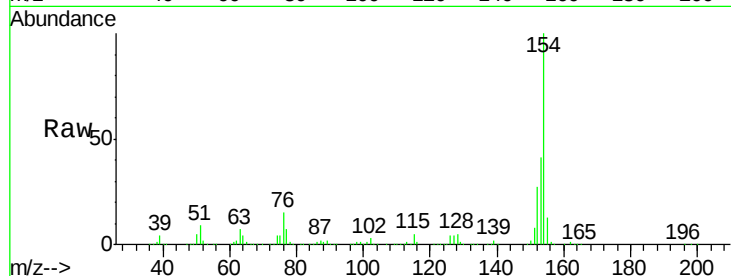




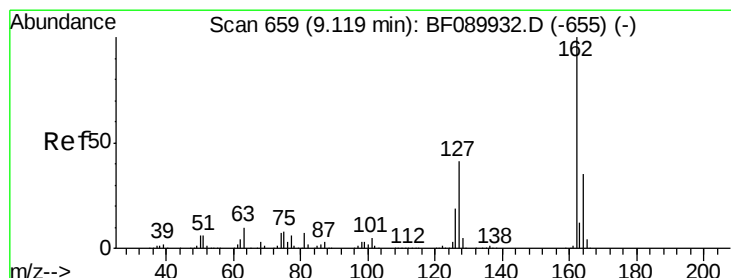
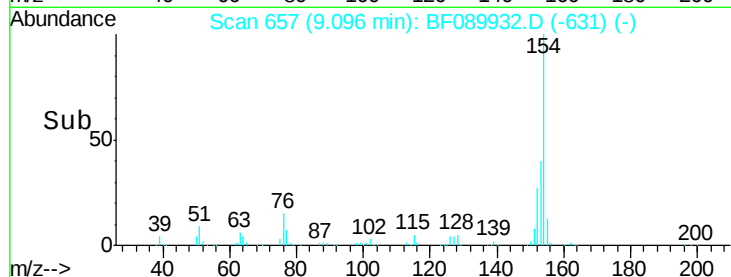
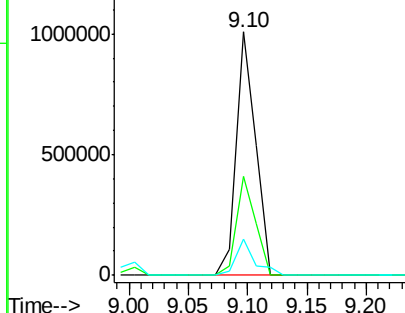
#45
 1,1'-Biphenyl
 Concen: 35.39 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:154 Resp: 1137571
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 14.9 0.0 34.9

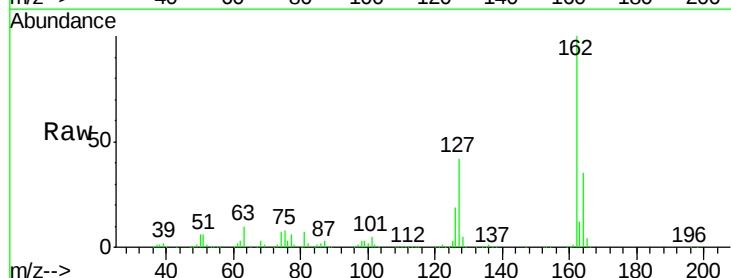


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

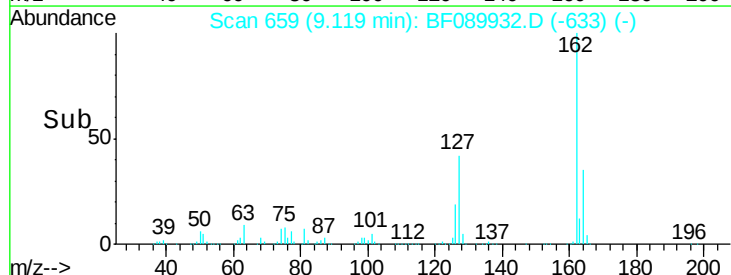
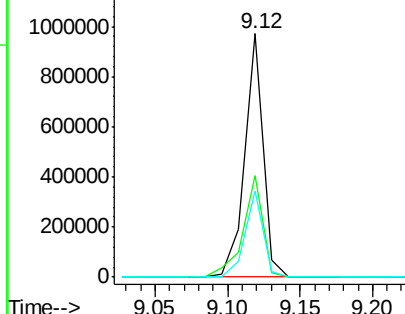


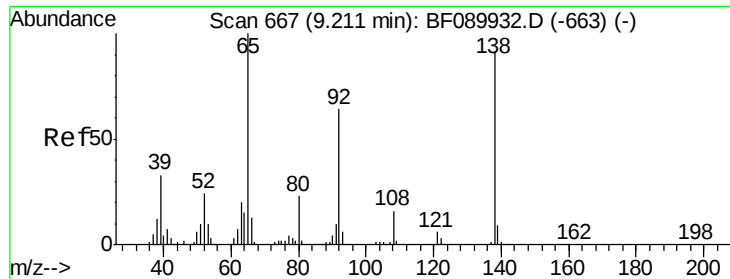
#46
 2-Chloronaphthalene
 Concen: 38.42 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:162 Resp: 854680
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.5 50.3
 164 35.3 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

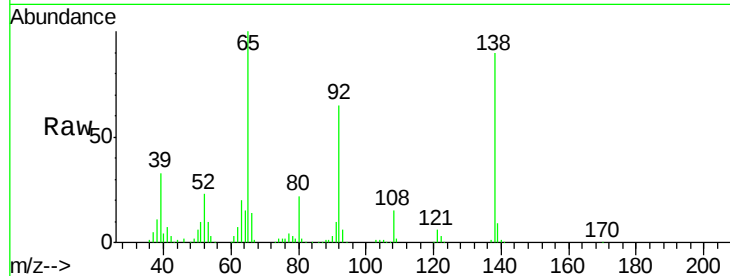




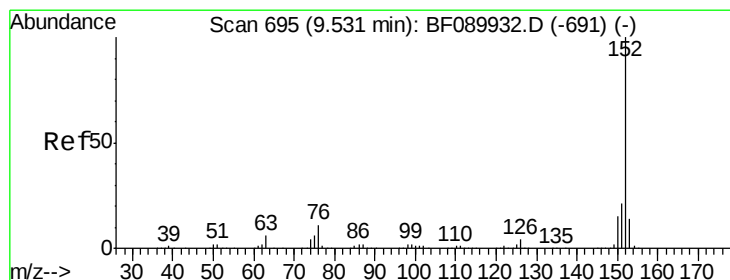
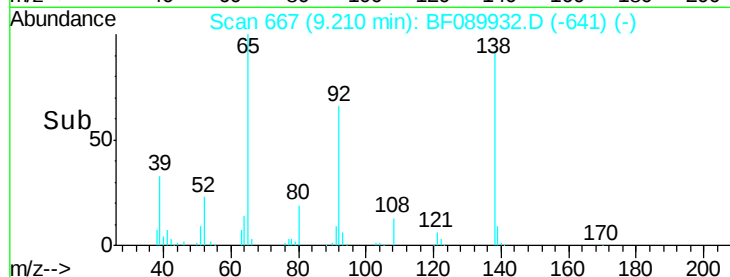
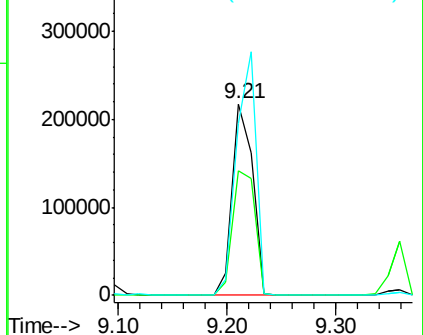
#47
2-Nitroaniline
Concen: 39.07 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 65 Resp: 281038
Ion Ratio Lower Upper
65 100
92 65.0 52.0 78.0
138 90.1 72.1 108.1

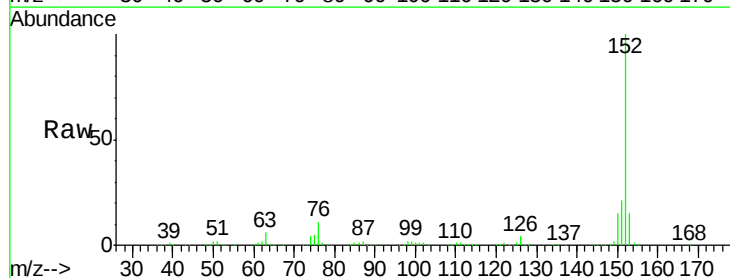


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

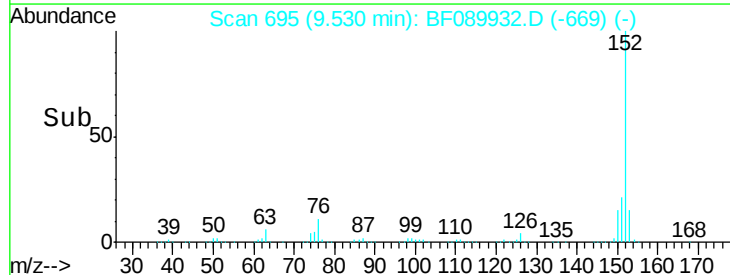
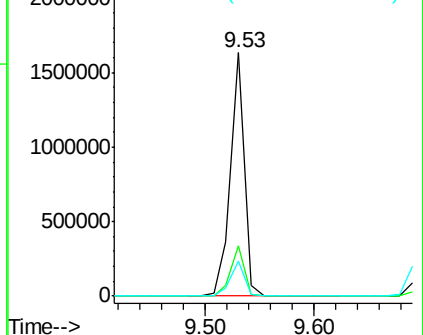


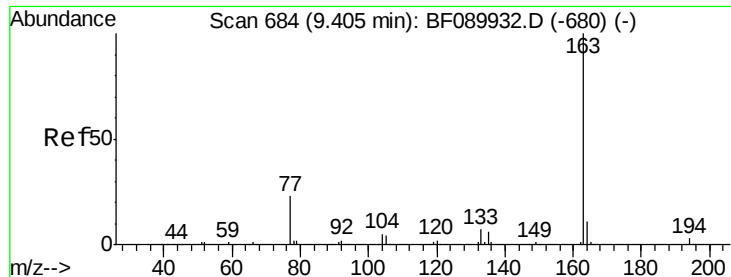
#48
Acenaphthylene
Concen: 39.12 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion: 152 Resp: 1431936
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 14.5 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: 36.60 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

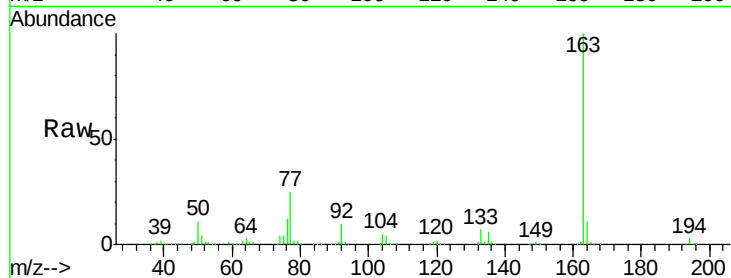
Tgt Ion:163 Resp: 994613

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

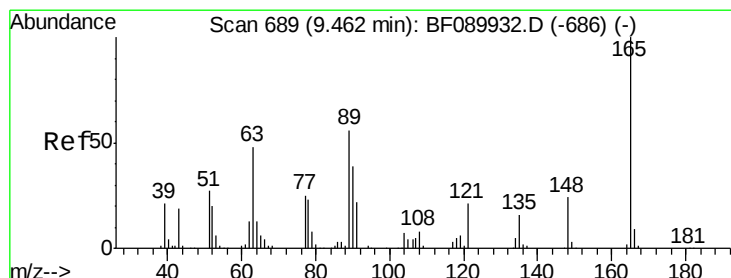
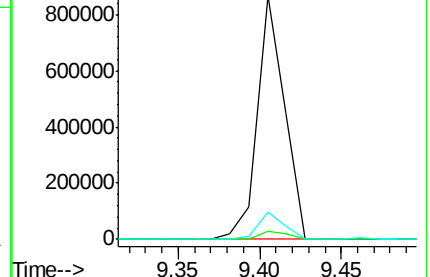
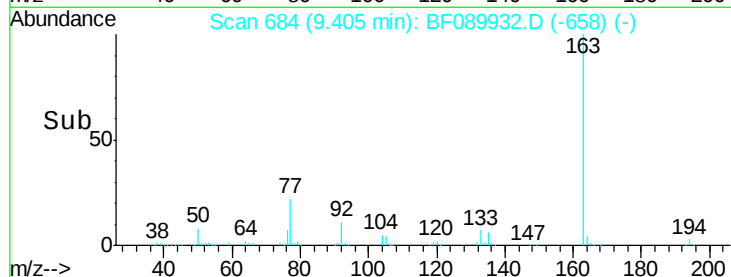
164 11.2 9.0 13.4



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: 37.89 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

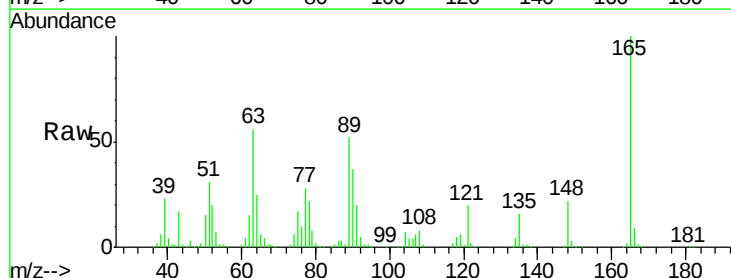
Tgt Ion:165 Resp: 244249

Ion Ratio Lower Upper

165 100

63 56.2 45.0 67.4

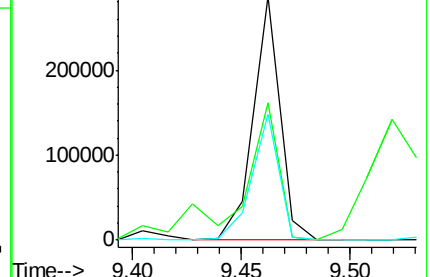
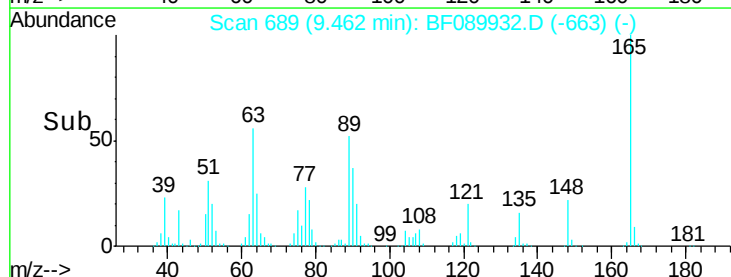
89 51.9 41.5 62.3

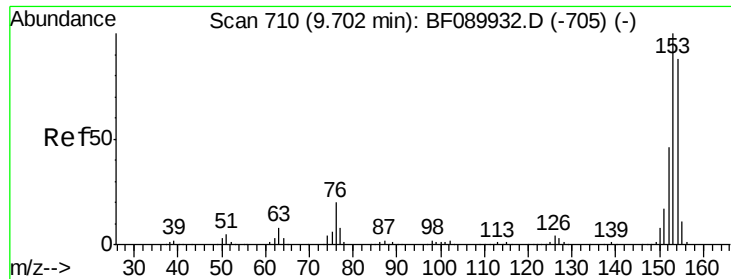


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.57 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

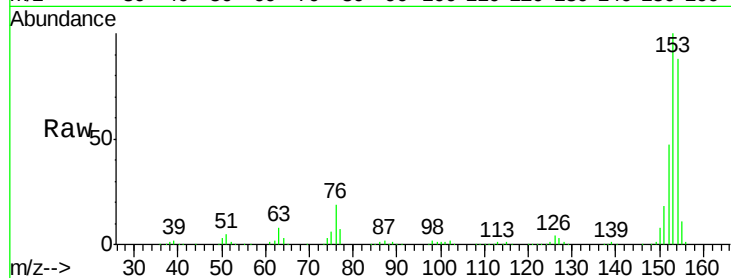
Tgt Ion:154 Resp: 887280

Ion Ratio Lower Upper

154 100

153 113.2 90.6 135.8

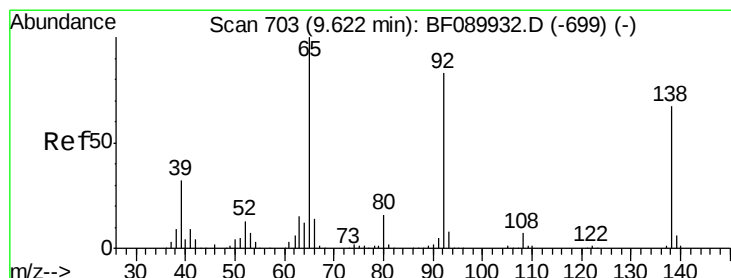
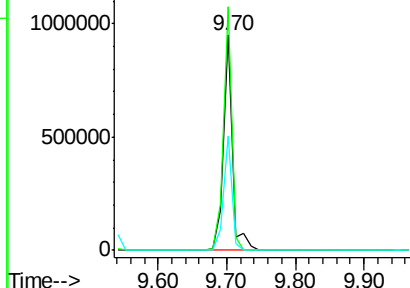
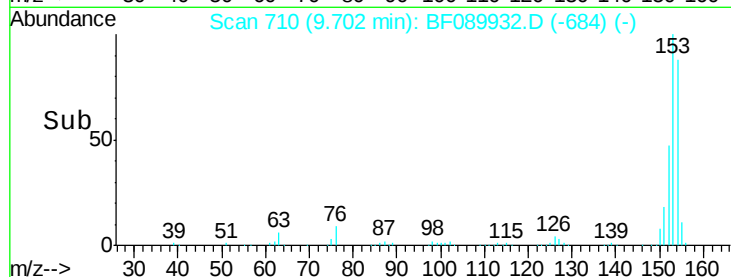
152 53.0 42.4 63.6



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: 37.78 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

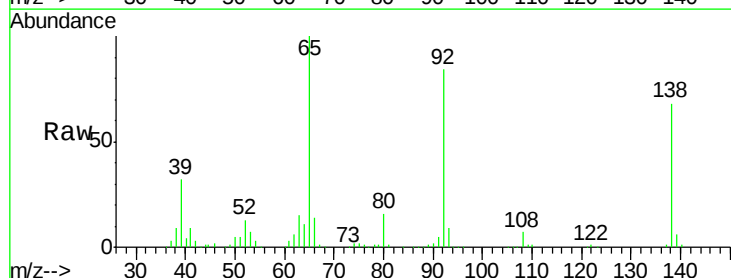
Tgt Ion:138 Resp: 257484

Ion Ratio Lower Upper

138 100

108 10.4 8.3 12.5

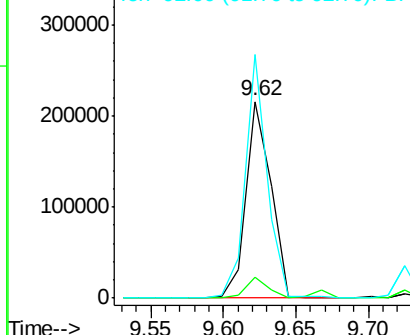
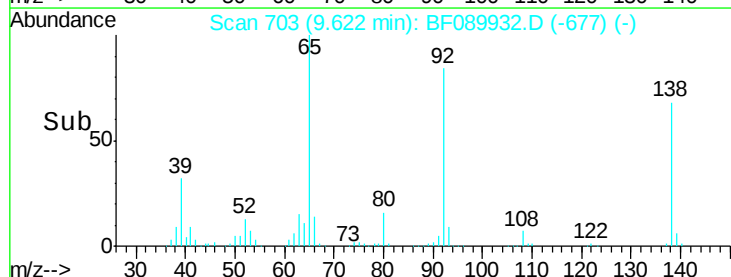
92 123.9 99.1 148.7



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

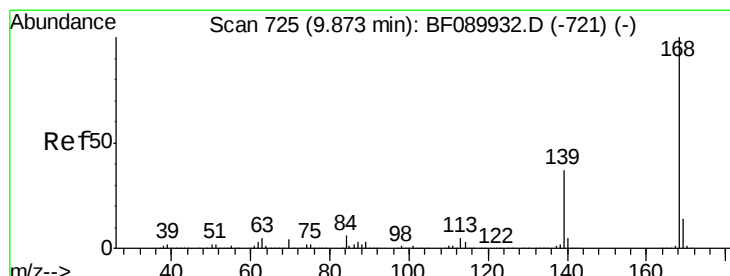
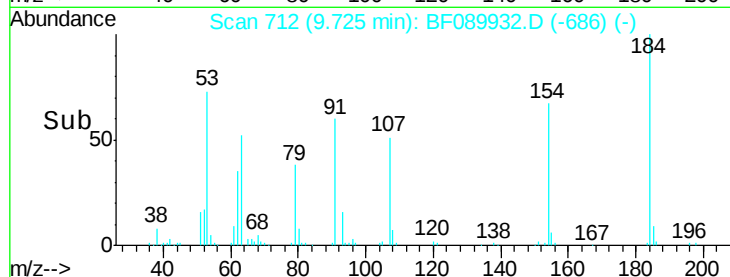
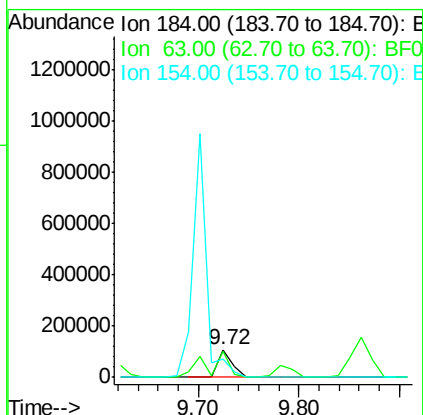
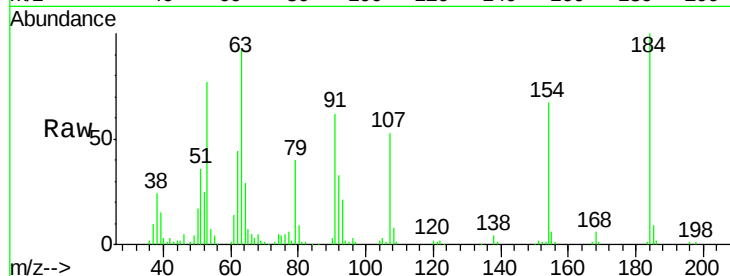




#53
2,4-Dinitrophenol
Concen: 43.12 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

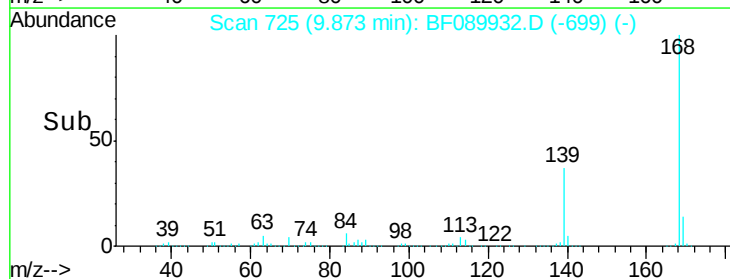
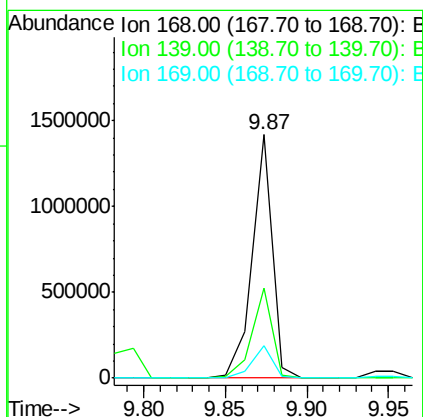
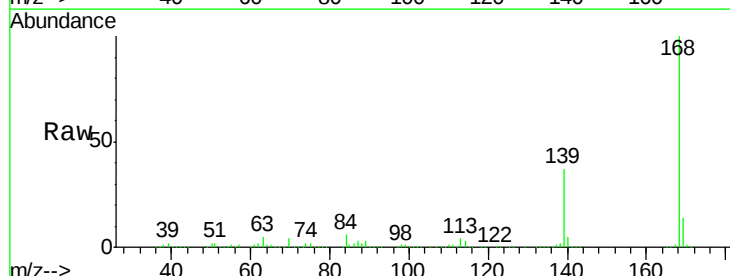
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 112648
Ion Ratio Lower Upper
184 100
63 92.4 73.9 110.9
154 66.9 53.5 80.3



#54
Dibenzofuran
Concen: 39.51 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion:168 Resp: 1211302
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.5 10.8 16.2

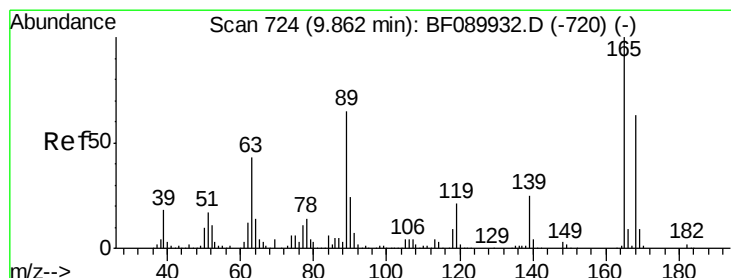
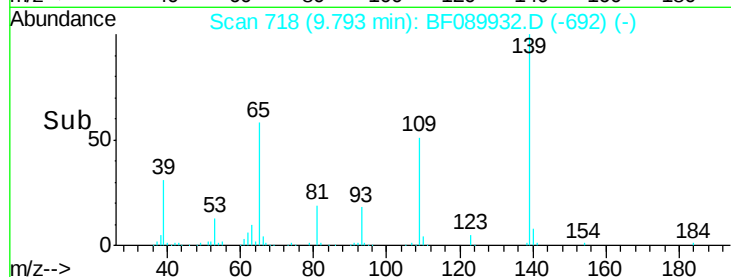
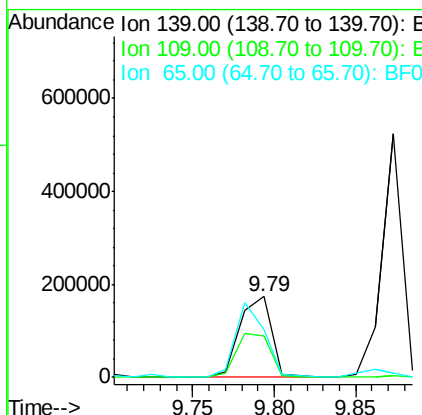
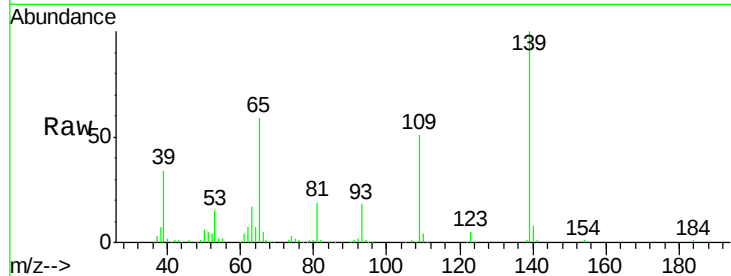




#55
4-Nitrophenol
Concen: 42.82 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

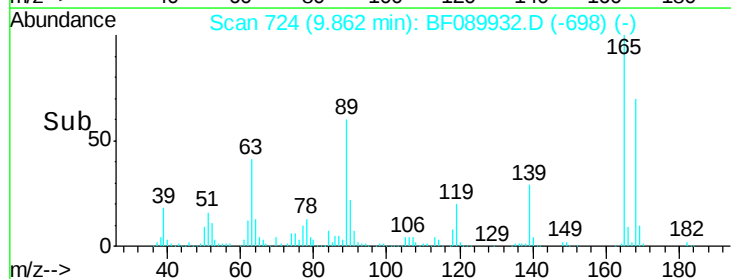
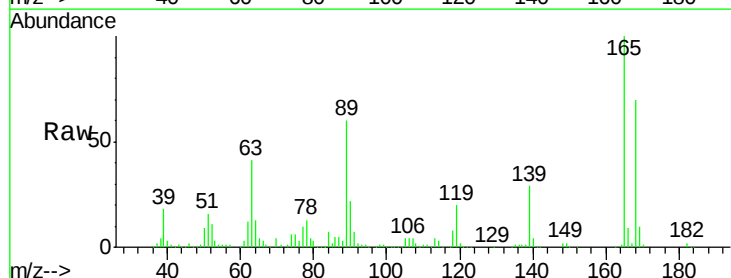
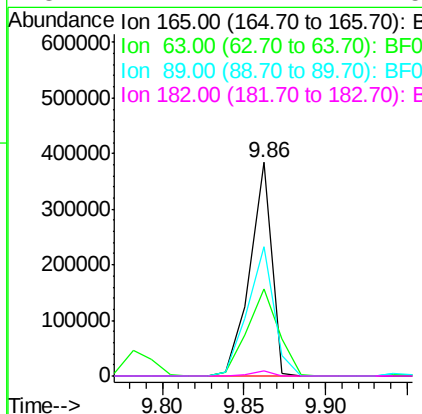
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

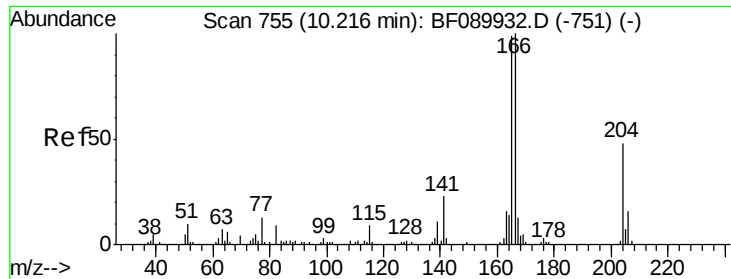
Tgt Ion	Ratio	Lower	Upper
139	100		
109	51.3	31.3	71.3
65	58.5	38.5	78.5



#56
2,4-Dinitrotoluene
Concen: 44.20 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.6	32.5	48.7
89	60.4	48.3	72.5
182	2.1	1.7	2.5

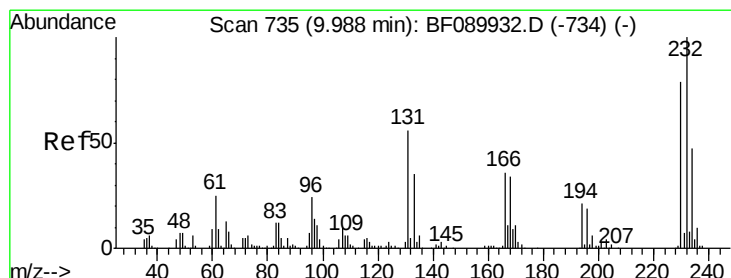
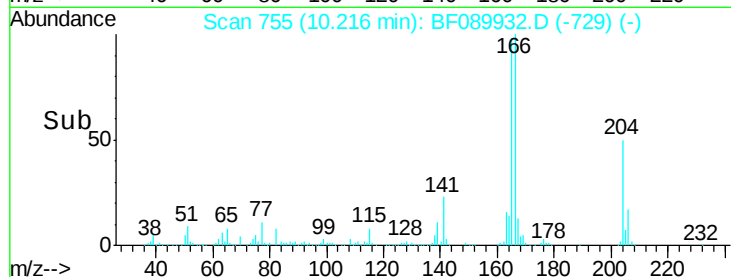
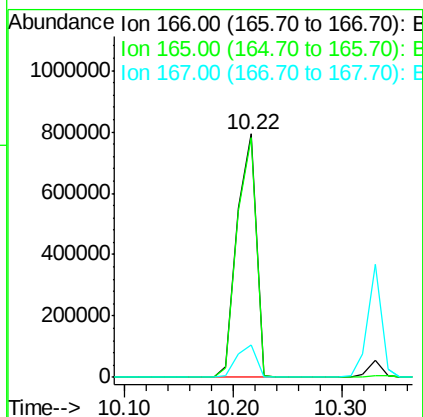
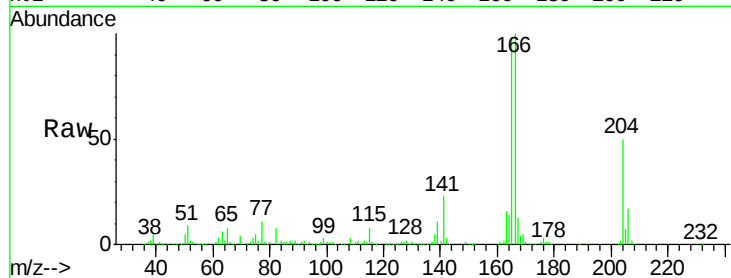




#57
 Fluorene
 Concen: 40.61 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

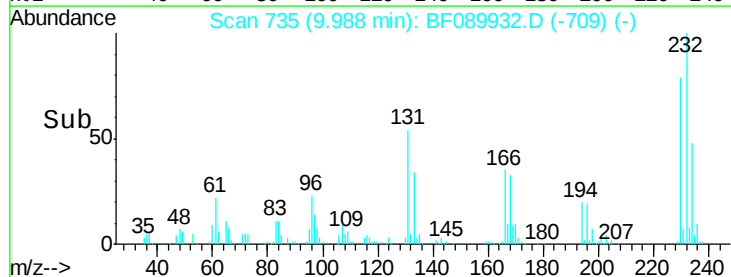
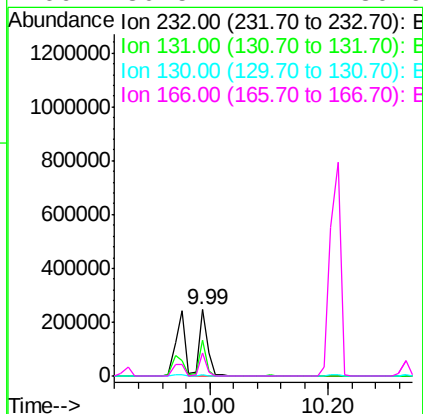
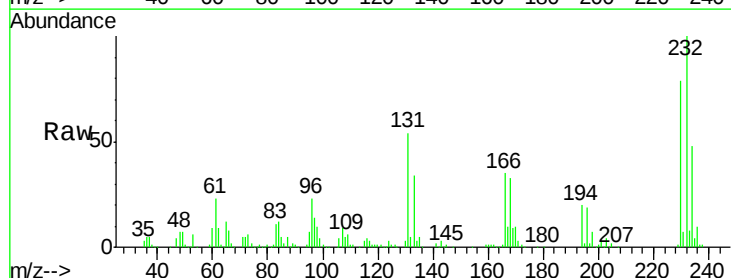
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

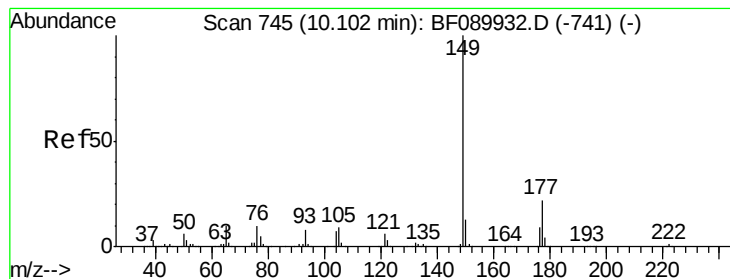
Tgt Ion:166 Resp: 953048
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.6 118.0
 167 13.2 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.28 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:232 Resp: 250513
 Ion Ratio Lower Upper
 232 100
 131 45.4 36.3 54.5
 130 2.1 1.7 2.5
 166 30.5 24.4 36.6





#59

Diethylphthalate

Concen: 36.33 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

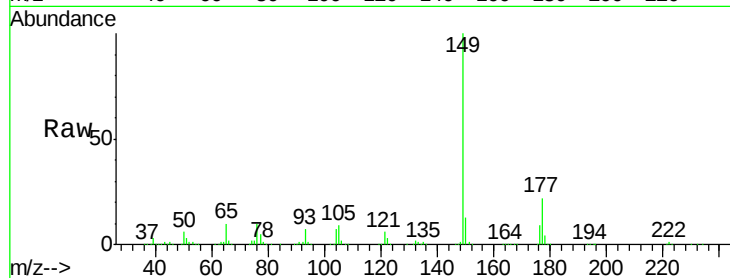
Tgt Ion:149 Resp: 998065

Ion Ratio Lower Upper

149 100

177 22.1 17.7 26.5

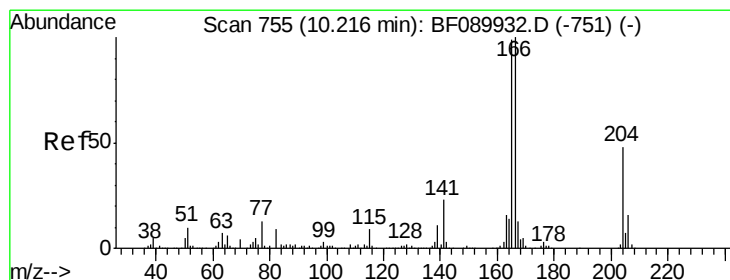
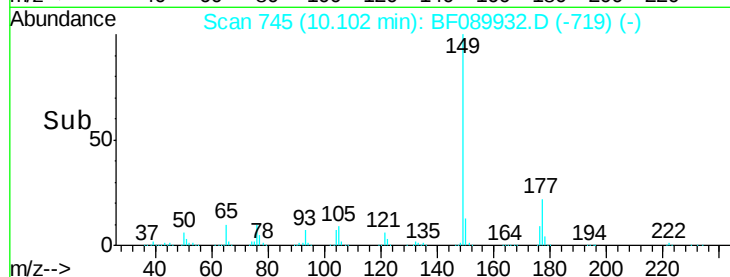
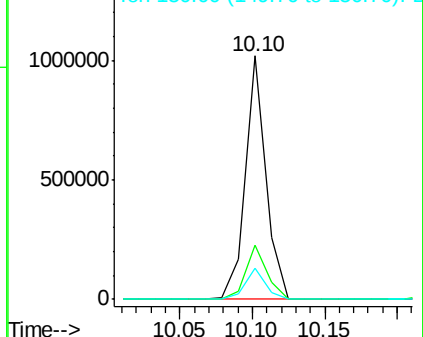
150 12.7 10.2 15.2



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: 38.70 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

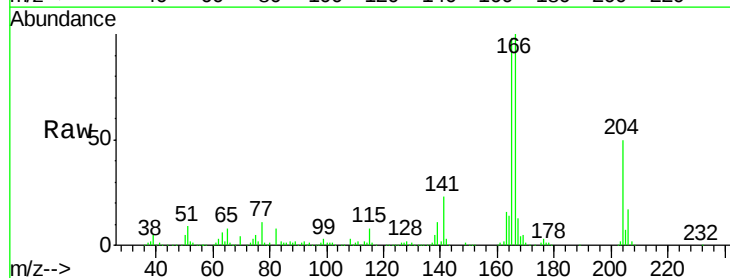
Tgt Ion:204 Resp: 432361

Ion Ratio Lower Upper

204 100

206 33.3 26.6 40.0

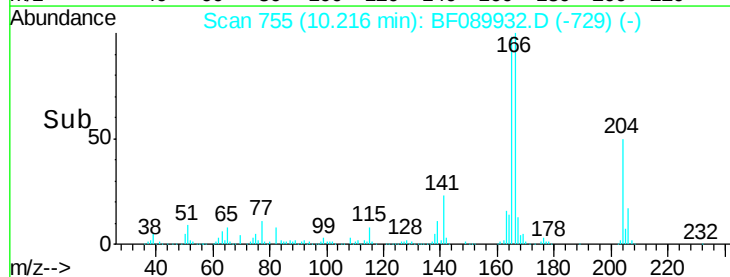
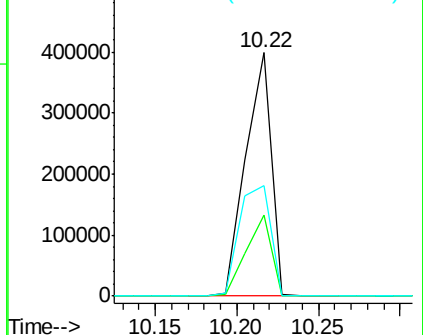
141 45.6 36.5 54.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.81 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

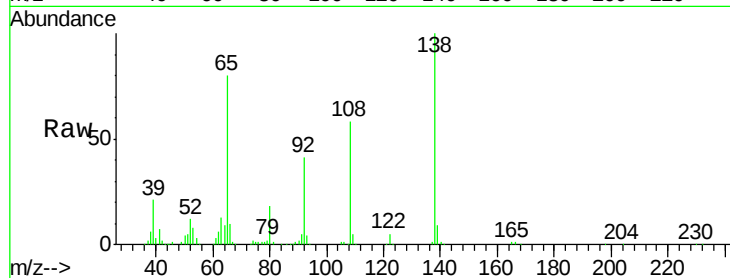
Tgt Ion:138 Resp: 305196

Ion Ratio Lower Upper

138 100

92 41.2 21.2 61.2

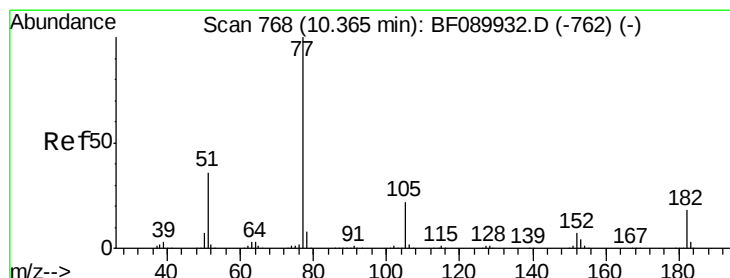
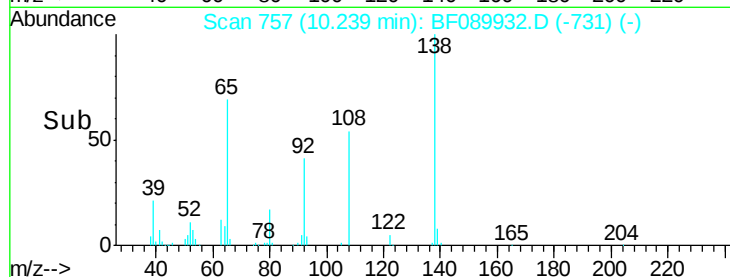
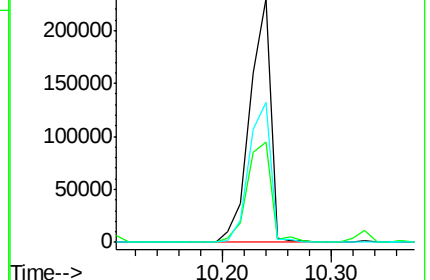
108 57.7 37.7 77.7



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: 37.06 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Tgt Ion: 77 Resp: 984477

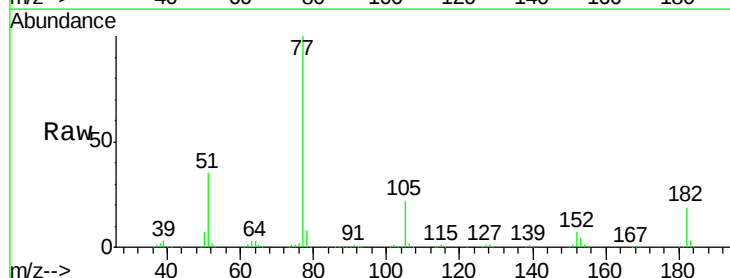
Ion Ratio Lower Upper

77 100

182 18.6 0.0 38.6

105 22.3 2.3 42.3

51 35.1 15.1 55.1

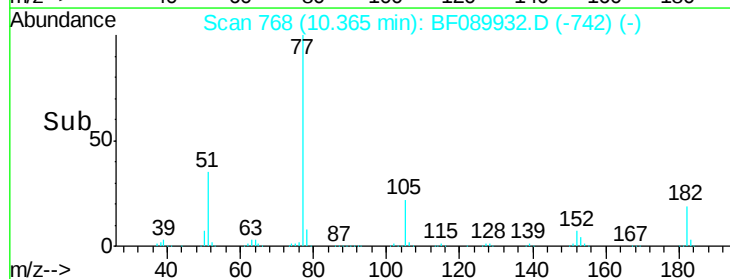
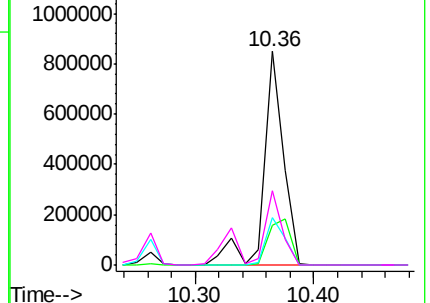


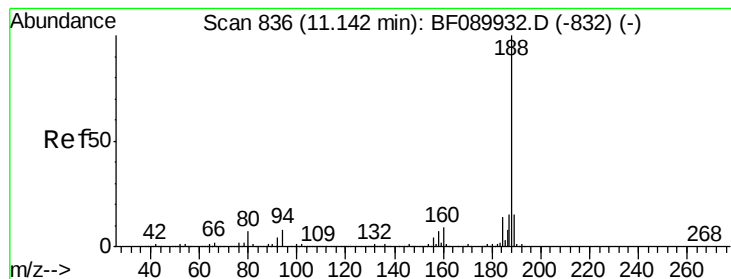
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

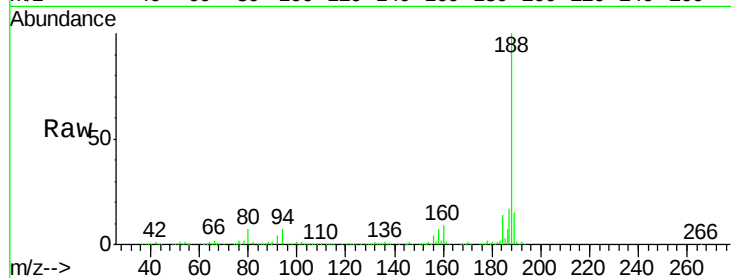
Tgt Ion:188 Resp: 753054

Ion Ratio Lower Upper

188 100

94 7.4 5.9 8.9

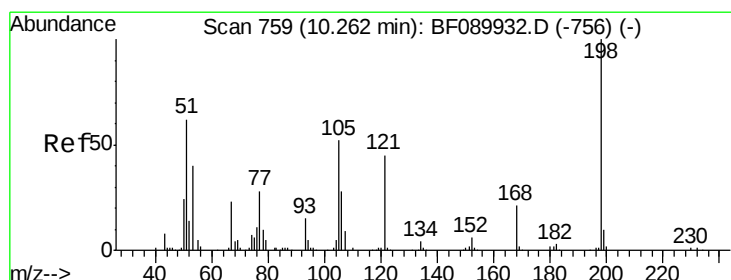
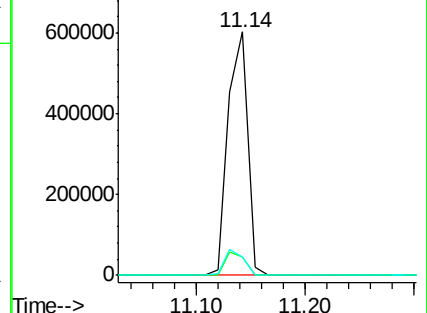
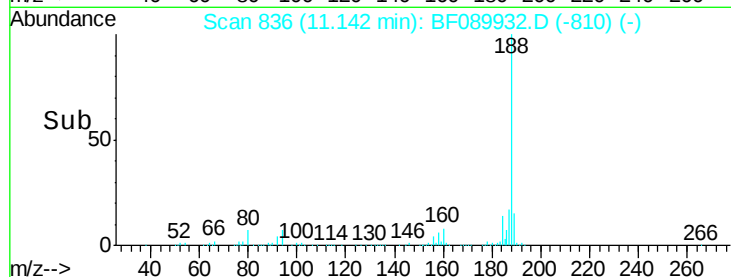
80 7.3 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.53 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

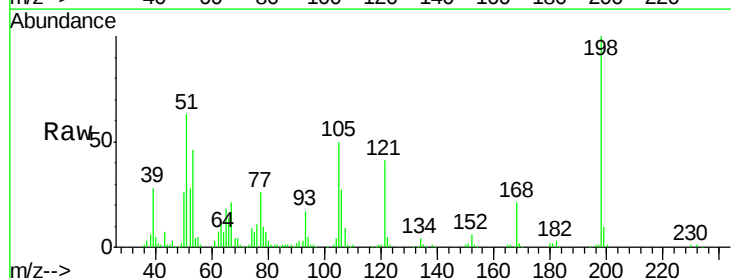
Tgt Ion:198 Resp: 176092

Ion Ratio Lower Upper

198 100

51 63.0 43.0 83.0

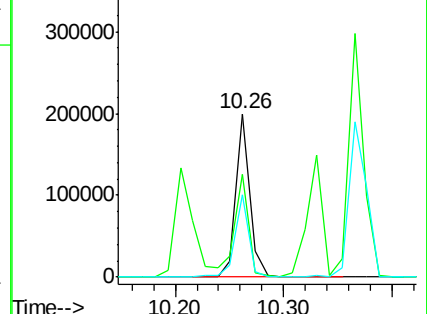
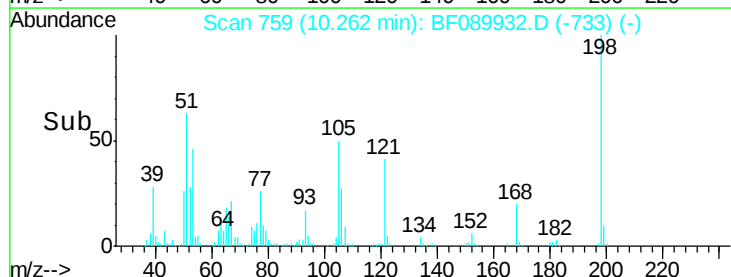
105 50.3 30.3 70.3

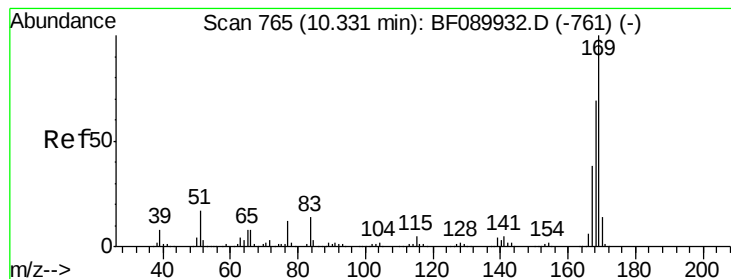


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.88 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

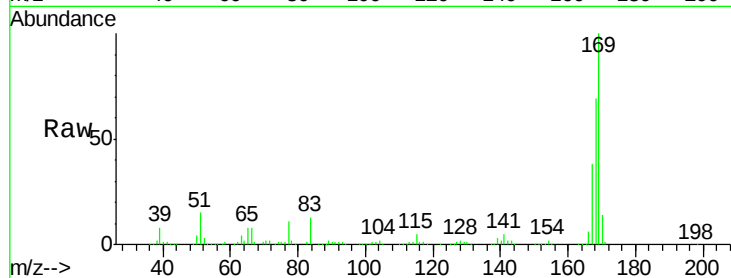
Tgt Ion:169 Resp: 849201

Ion Ratio Lower Upper

169 100

168 68.7 55.0 82.4

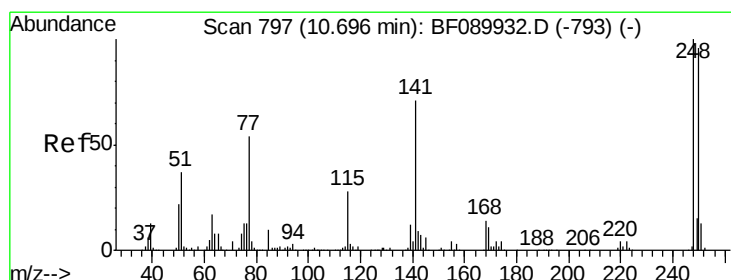
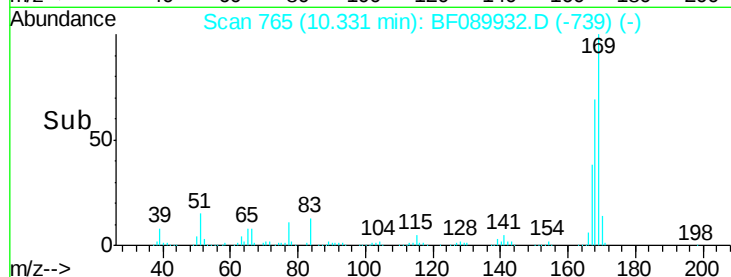
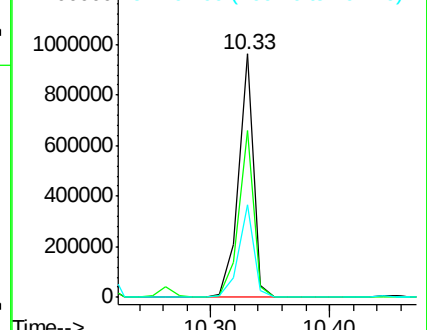
167 38.1 30.5 45.7



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: 38.51 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

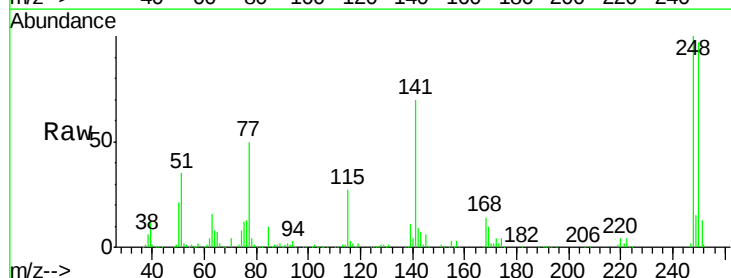
Tgt Ion:248 Resp: 292114

Ion Ratio Lower Upper

248 100

250 96.6 77.3 115.9

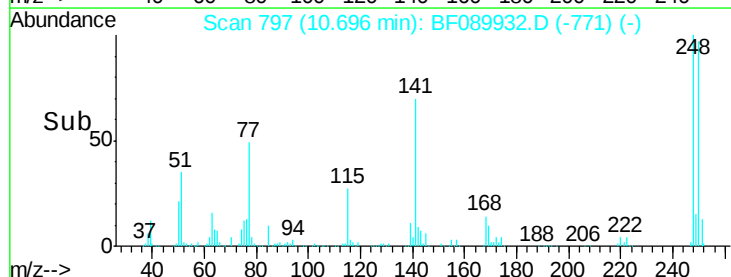
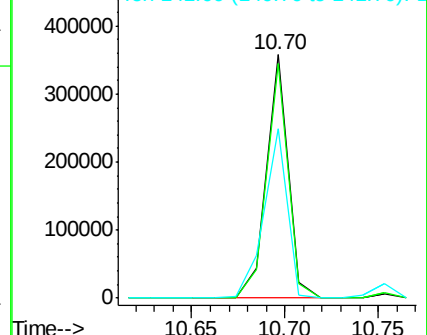
141 69.8 55.8 83.8

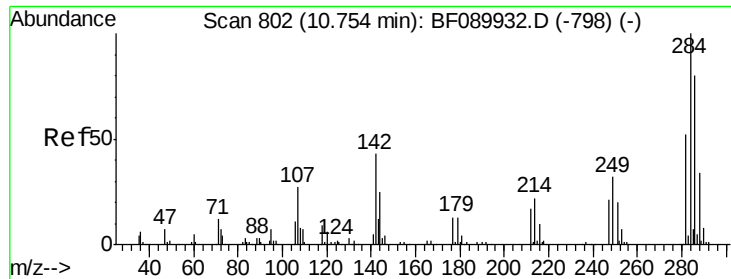


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

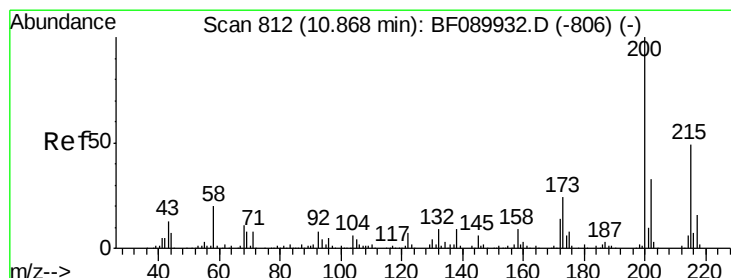
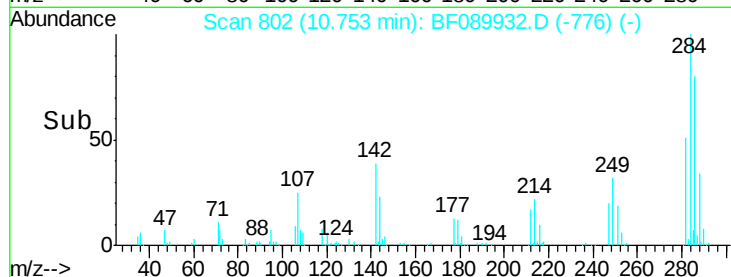
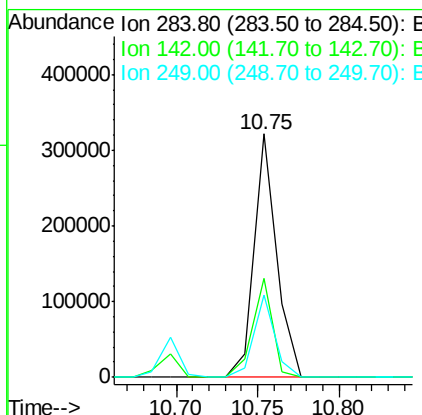
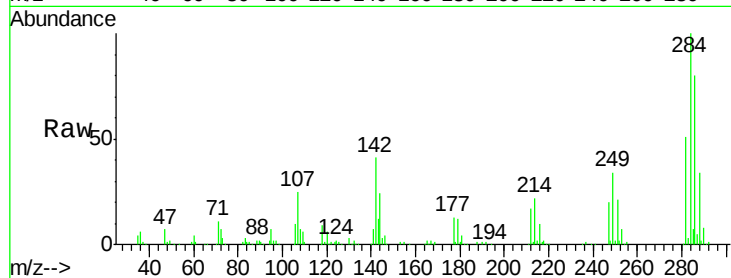




#67
Hexachlorobenzene
Concen: 35.01 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

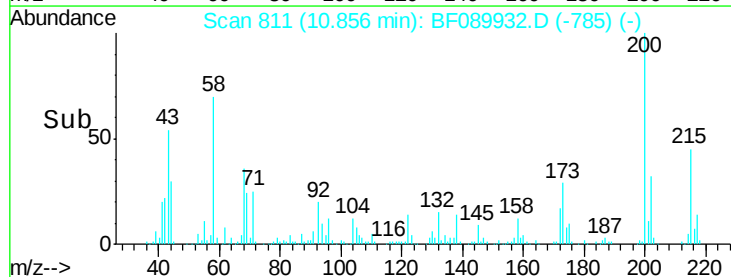
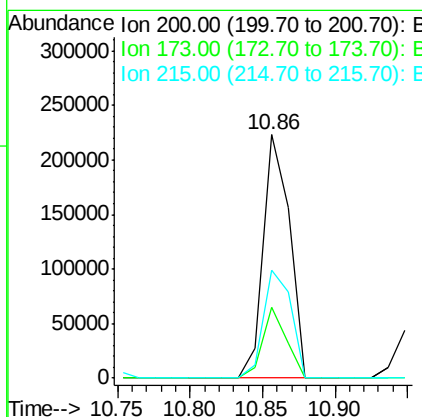
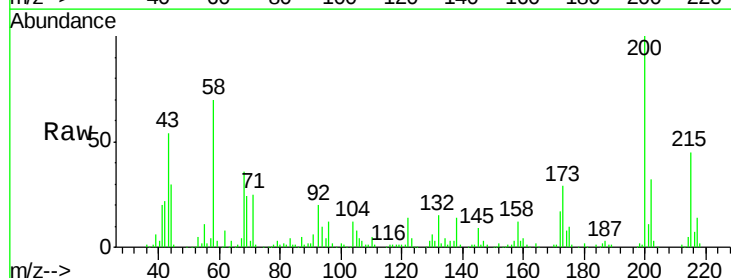
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

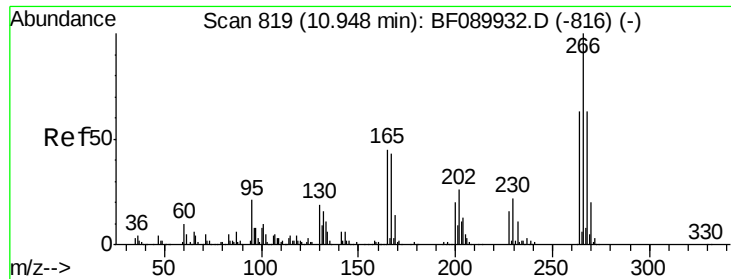
Tgt Ion:284 Resp: 308876
Ion Ratio Lower Upper
284 100
142 40.9 32.7 49.1
249 33.6 26.9 40.3



#68
Atrazine
Concen: 38.36 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion:200 Resp: 279795
Ion Ratio Lower Upper
200 100
173 29.4 9.4 49.4
215 44.5 24.5 64.5

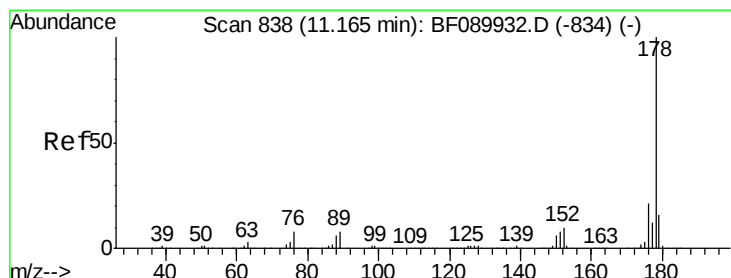
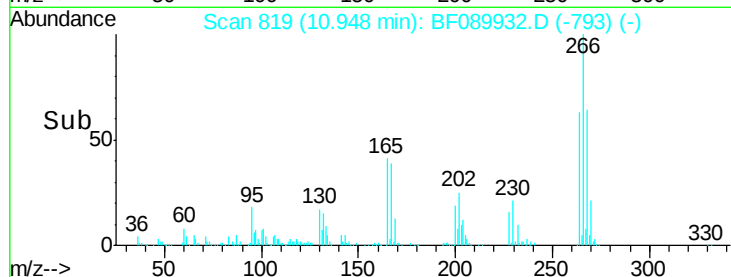
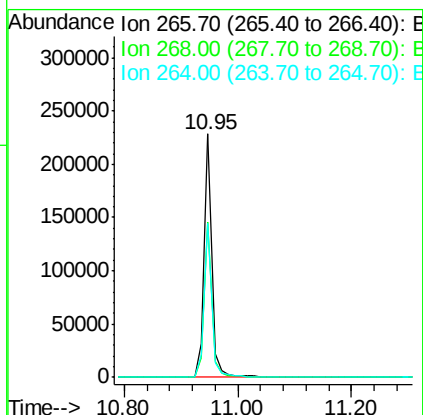
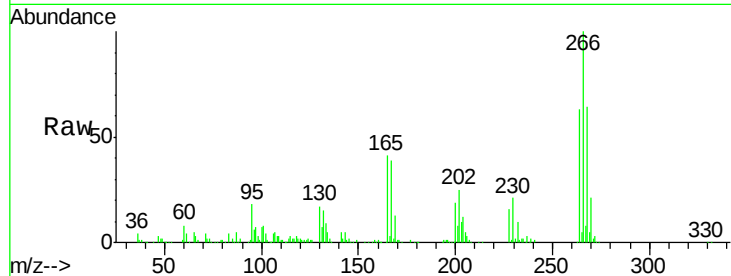




#69
 Pentachlorophenol
 Concen: 45.54 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

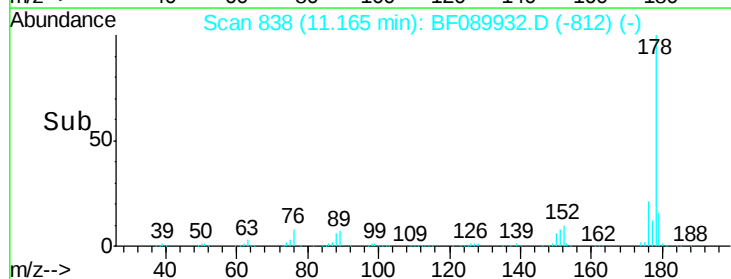
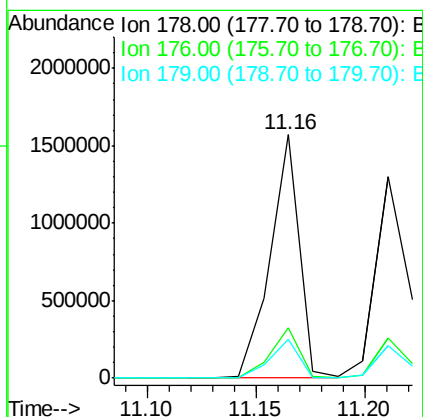
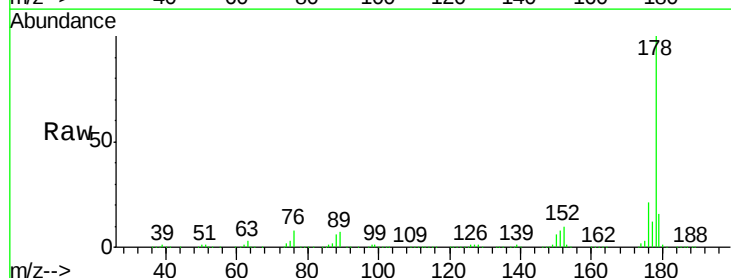
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

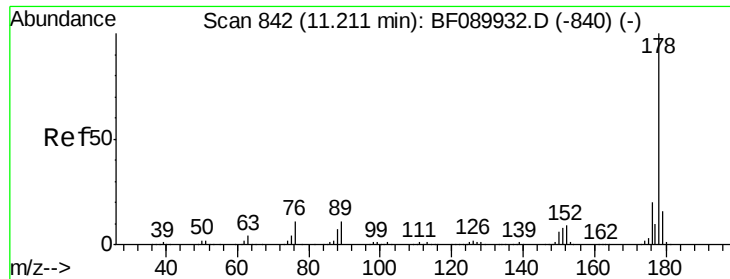
Tgt Ion:266 Resp: 207861
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.0 76.6
 264 63.2 50.6 75.8



#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:178 Resp: 1473909
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 16.0 12.8 19.2

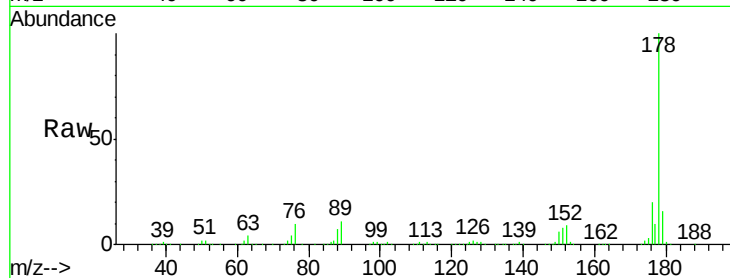




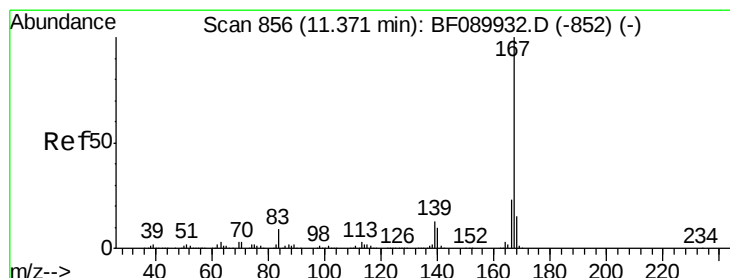
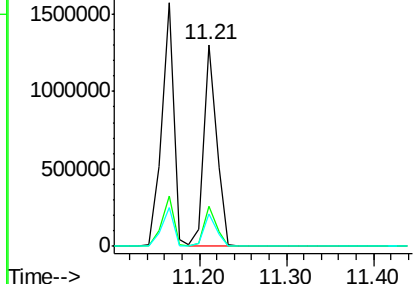
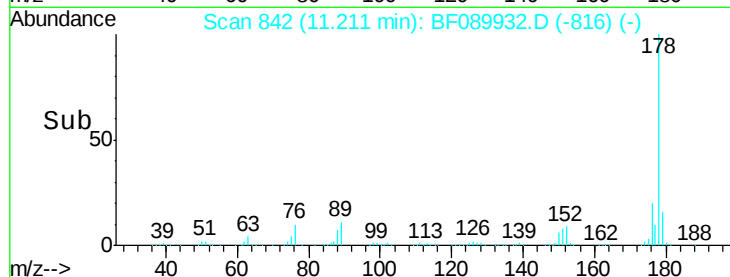
#71
 Anthracene
 Concen: 34.77 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:178 Resp: 1340301
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.2 13.0 19.4

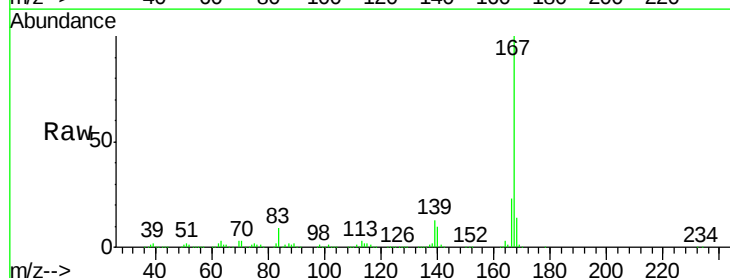


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

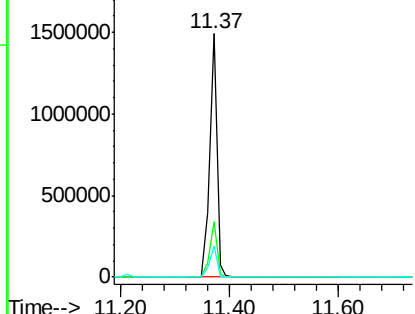
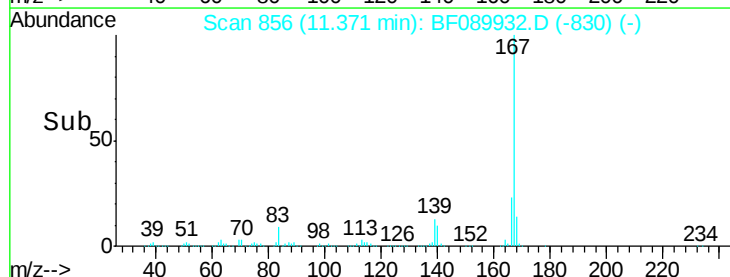


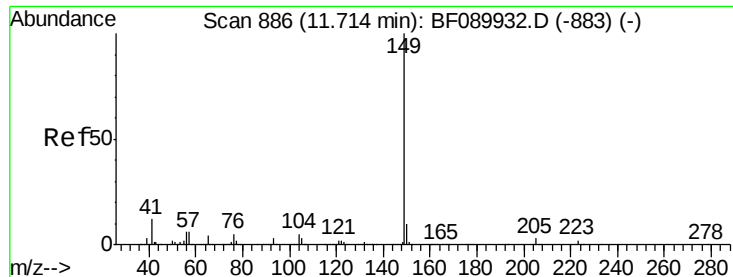
#72
 Carbazole
 Concen: 38.69 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:167 Resp: 1363177
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.0 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

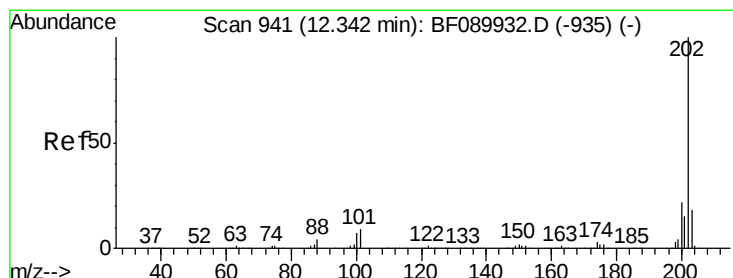
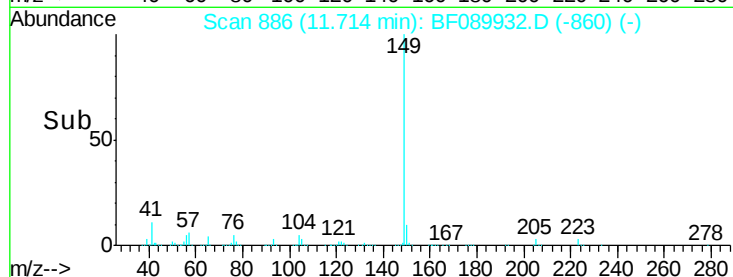
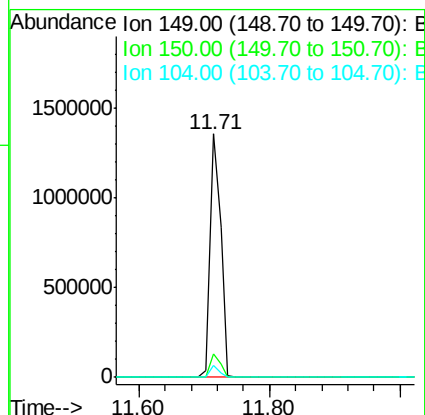
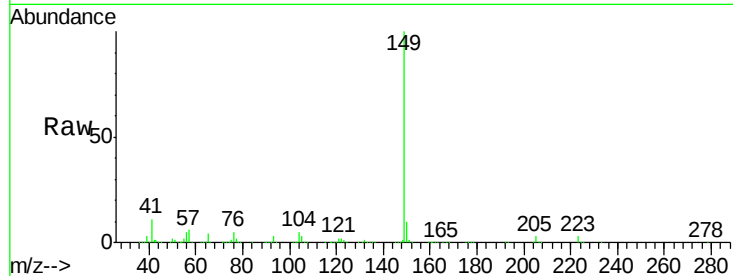




#73
Di-n-butylphthalate
Concen: 36.32 ng
RT: 11.71 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

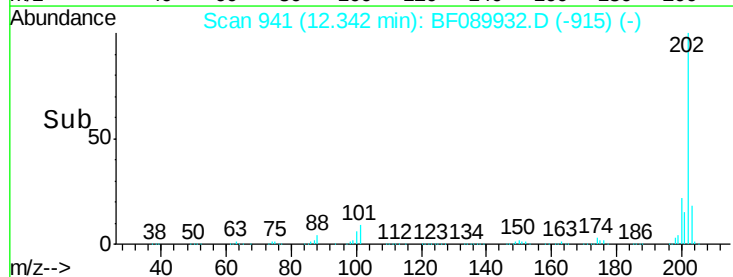
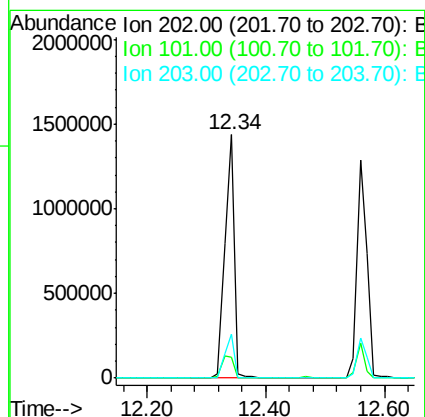
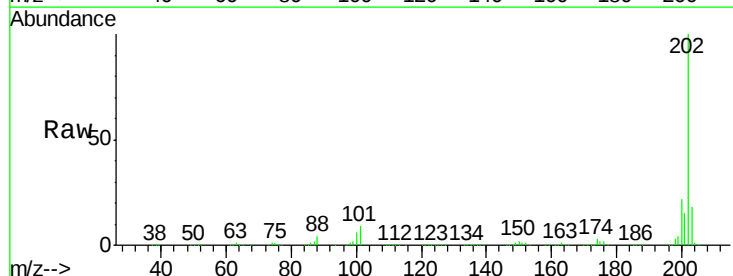
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

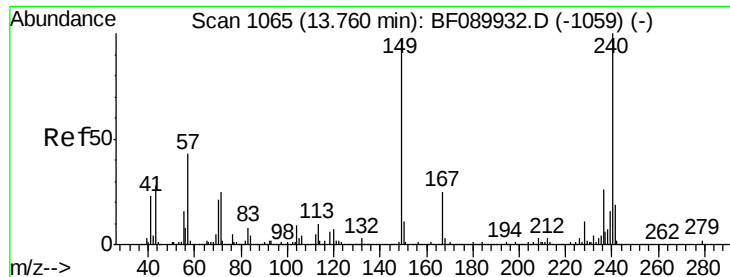
Tgt Ion:149 Resp: 1553423
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.8
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 41.18 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion:202 Resp: 1599345
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.5
203 18.0 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: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

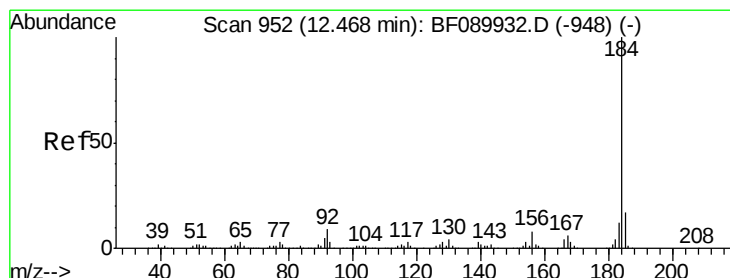
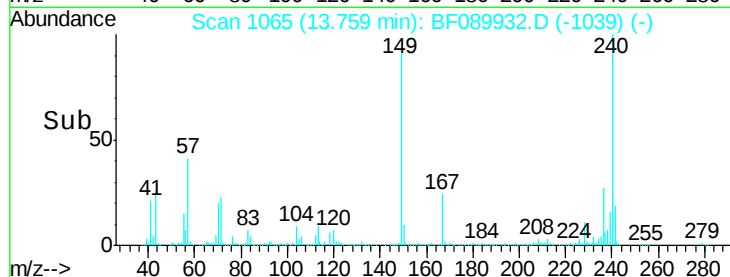
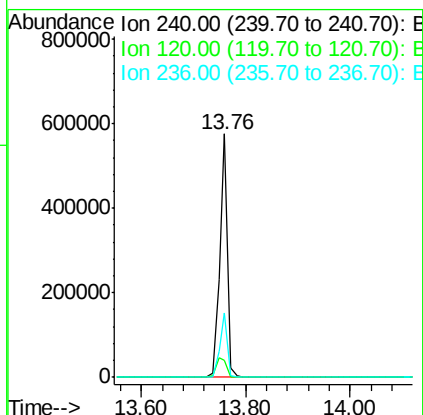
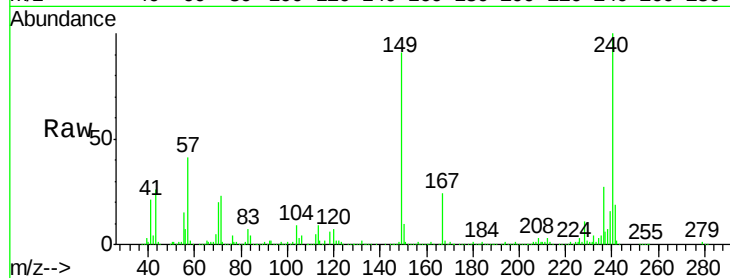
Tgt Ion:240 Resp: 585805

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

236 26.6 21.3 31.9



#76

Benzidine

Concen: 41.10 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

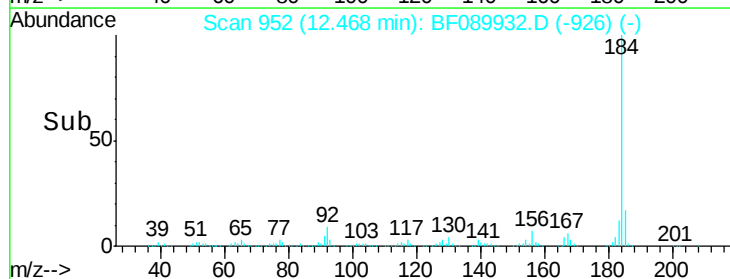
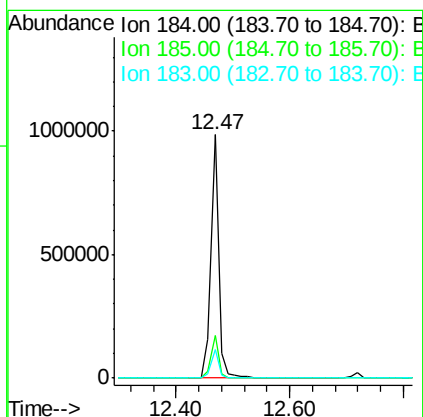
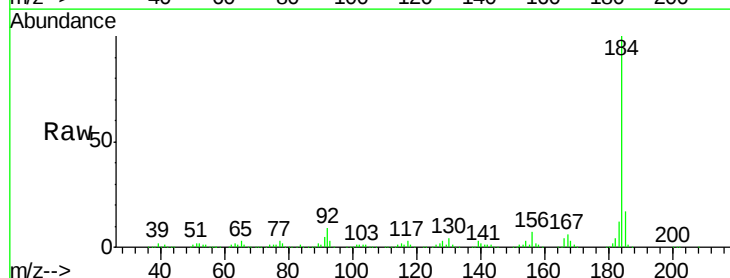
Tgt Ion:184 Resp: 889395

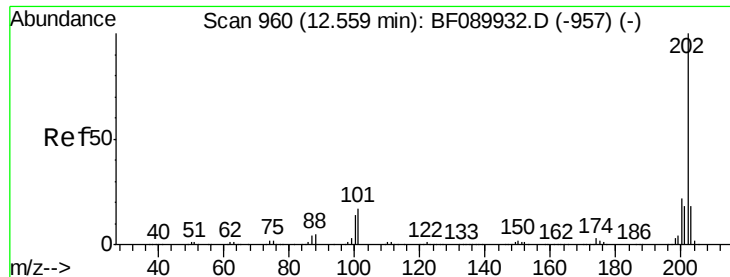
Ion Ratio Lower Upper

184 100

185 17.3 13.8 20.8

183 12.0 9.6 14.4

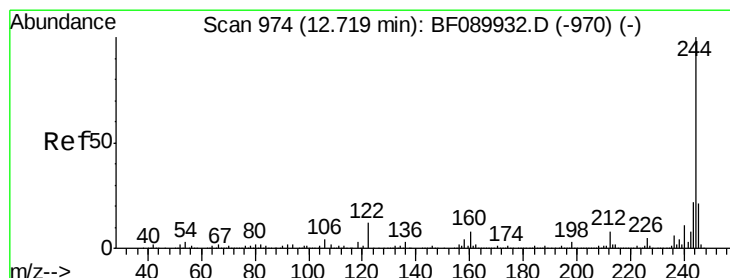
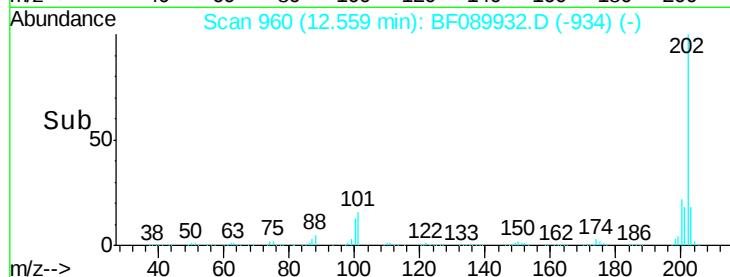
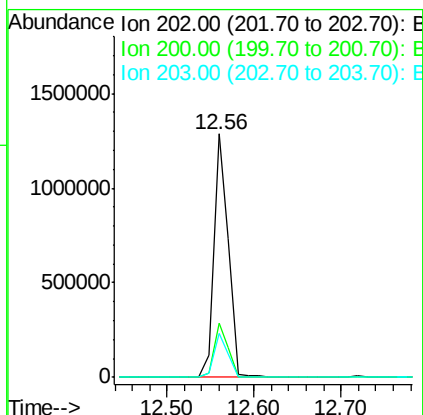
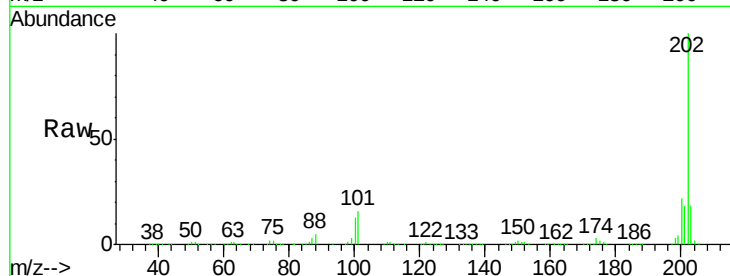




#77
 Pyrene
 Concen: 36.70 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

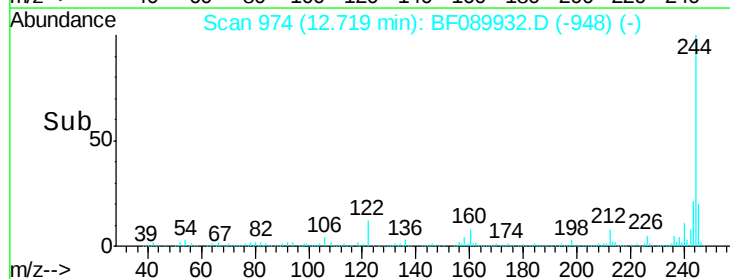
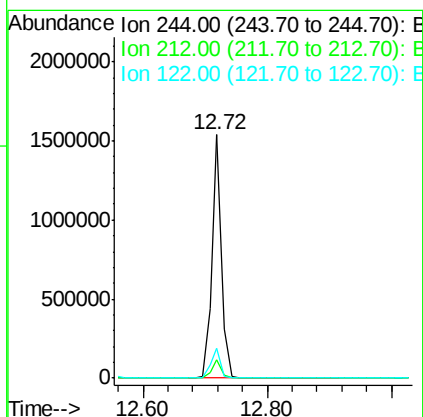
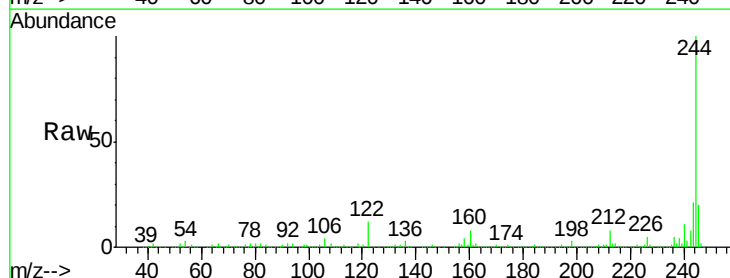
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

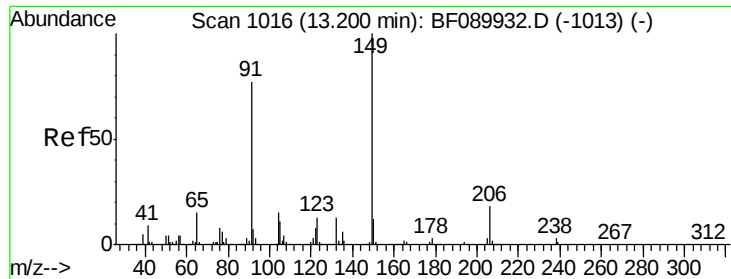
Tgt Ion: 202 Resp: 1497313
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.6 26.4
 203 18.2 14.6 21.8



#78
 Terphenyl-d14
 Concen: 33.52 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion: 244 Resp: 1598869
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 12.0 9.6 14.4

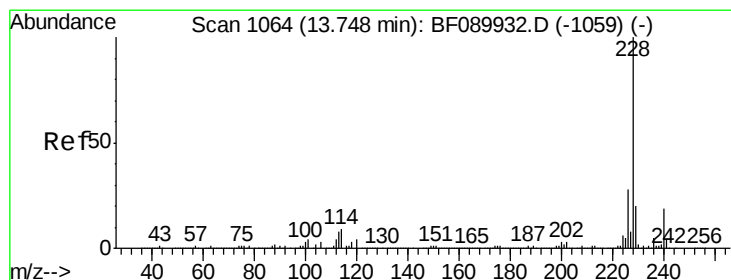
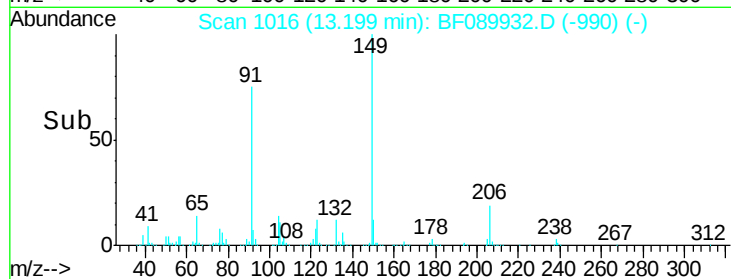
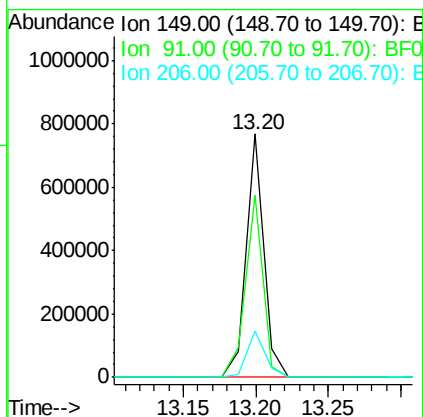
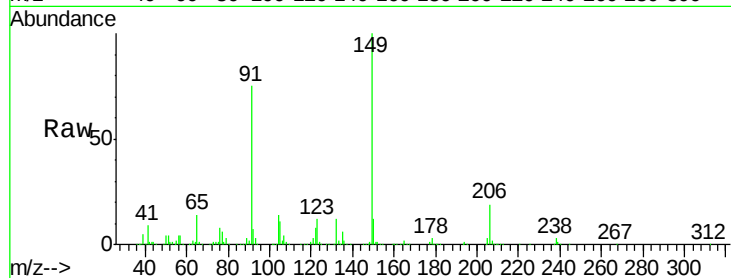




#79
Butylbenzylphthalate
Concen: 40.16 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

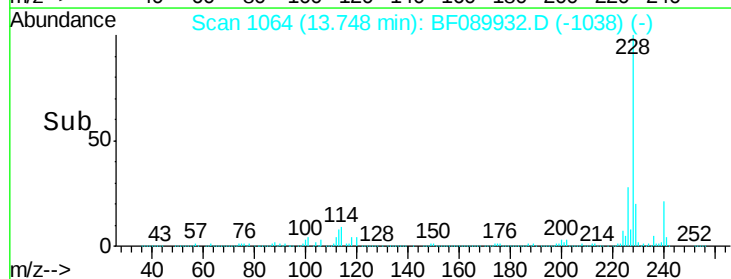
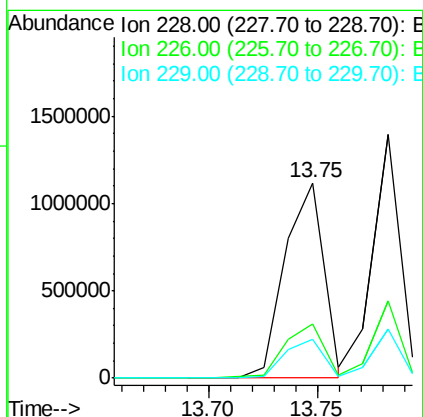
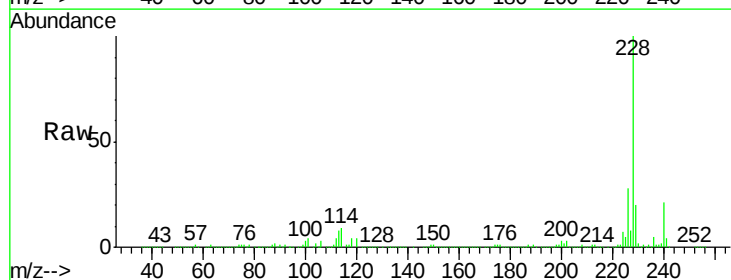
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 648035
Ion Ratio Lower Upper
149 100
91 75.0 60.0 90.0
206 18.9 15.1 22.7



#80
Benzo(a)anthracene
Concen: 39.67 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion:228 Resp: 1398425
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 19.7 15.8 23.6

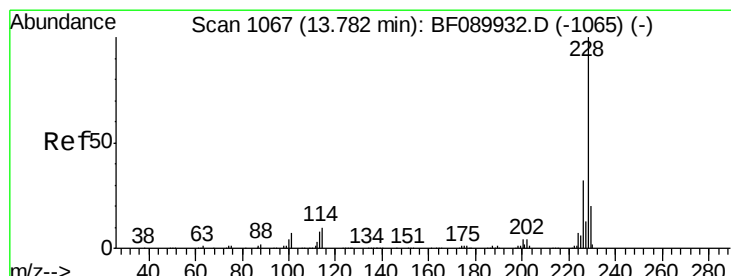
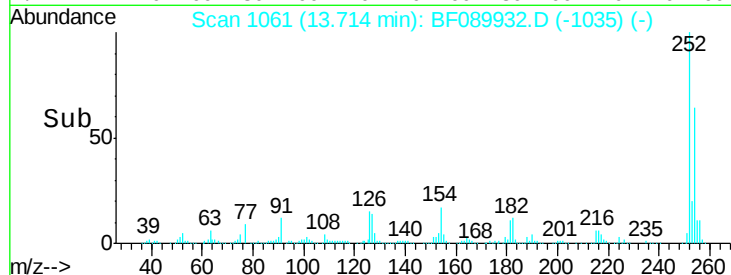
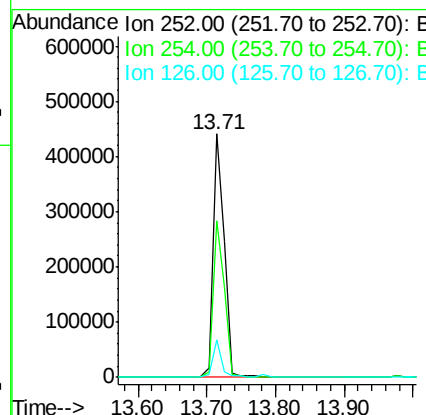
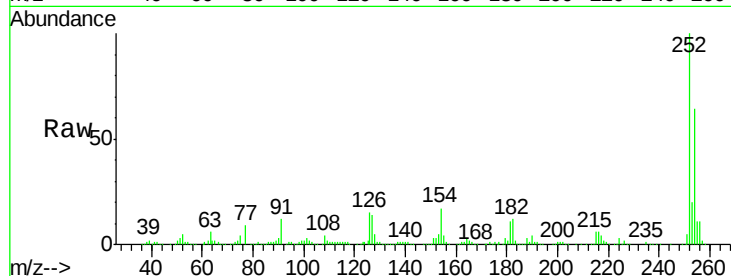




#81
 3,3'-Dichlorobenzidine
 Concen: 39.41 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

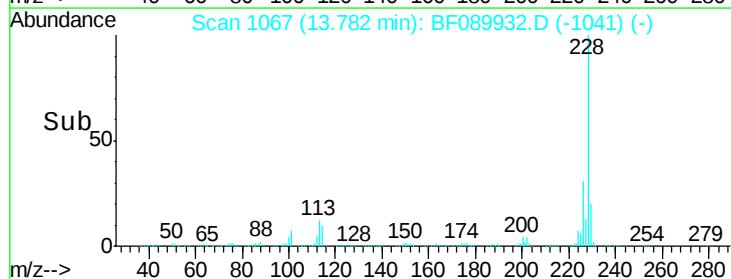
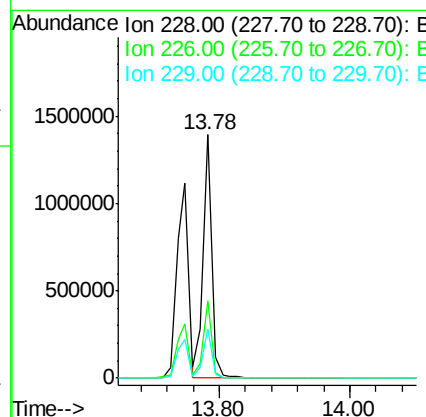
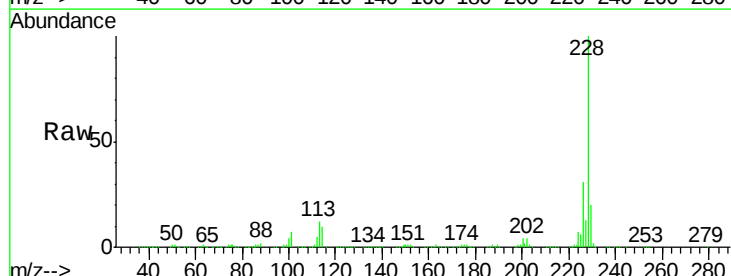
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:252 Resp: 502693
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.3 76.9
 126 15.4 12.3 18.5



#82
 Chrysene
 Concen: 40.37 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:228 Resp: 1264266
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.2 37.8
 229 20.2 16.2 24.2

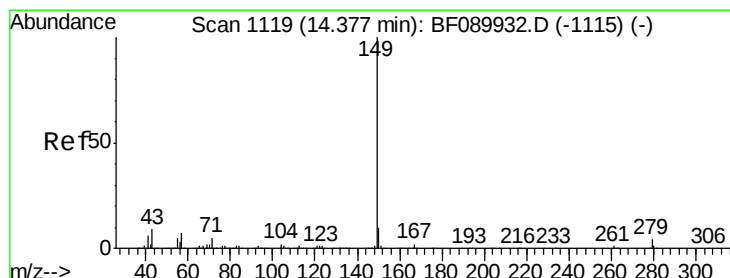
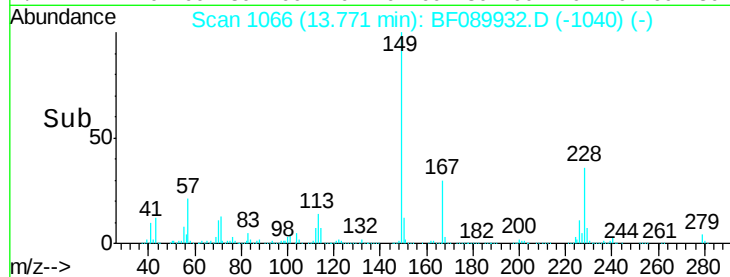
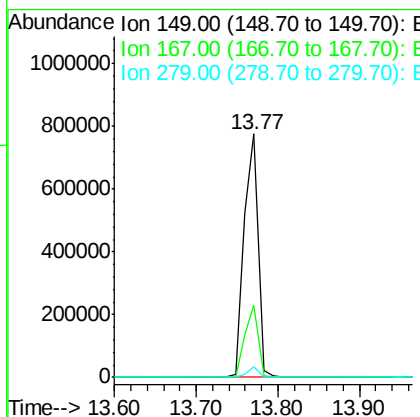
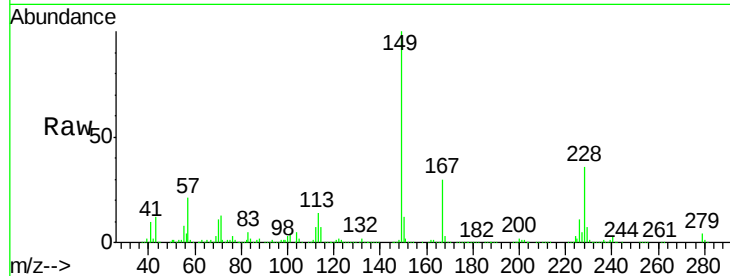




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.18 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

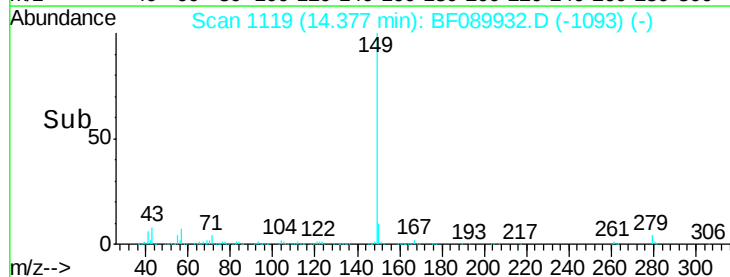
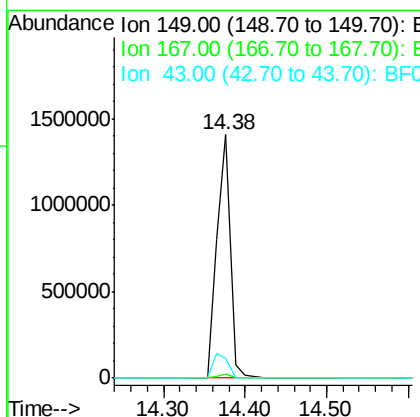
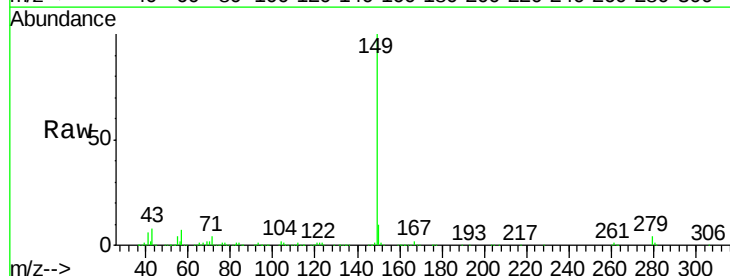
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

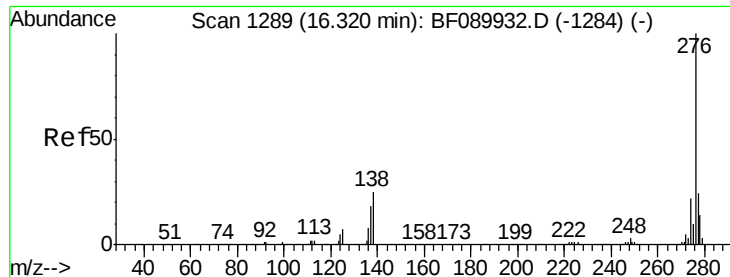
Tgt Ion:149 Resp: 920763
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.6 35.4
 279 4.3 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 43.80 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion:149 Resp: 1593526
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 9.3 13.9

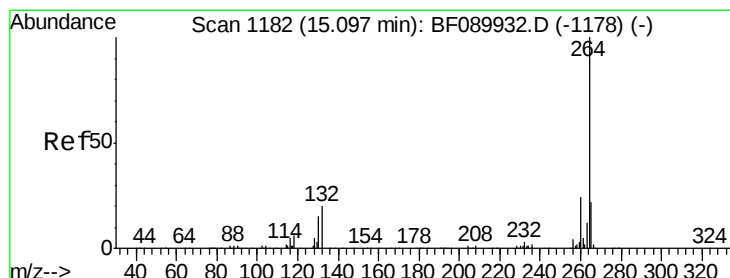
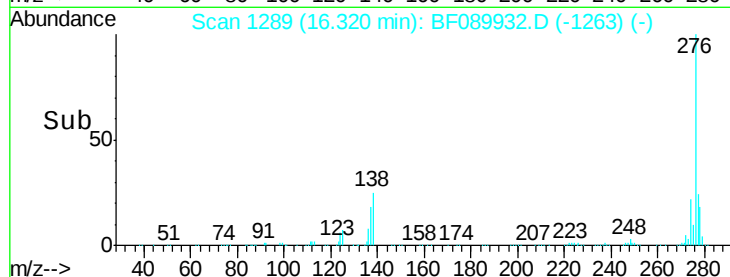
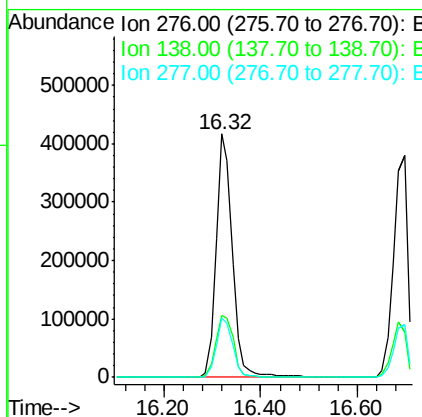
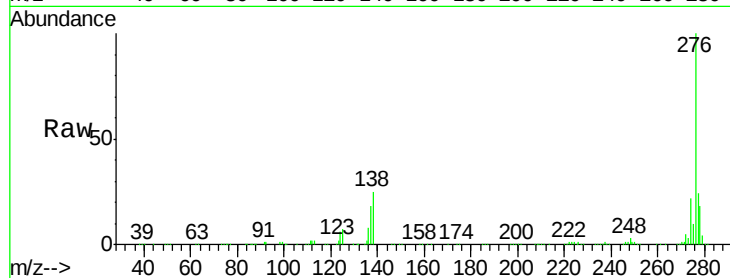




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.13 ng
 RT: 16.32 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

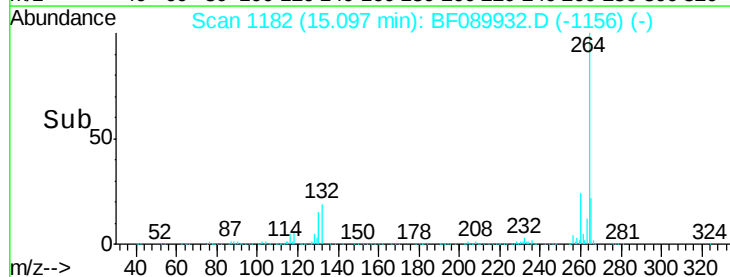
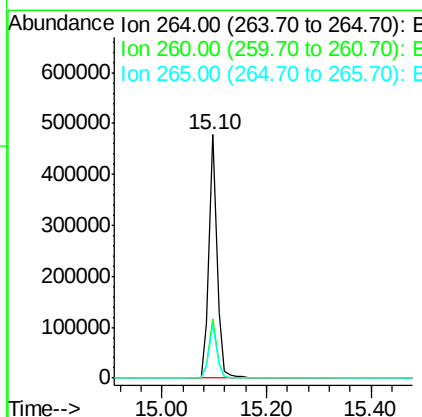
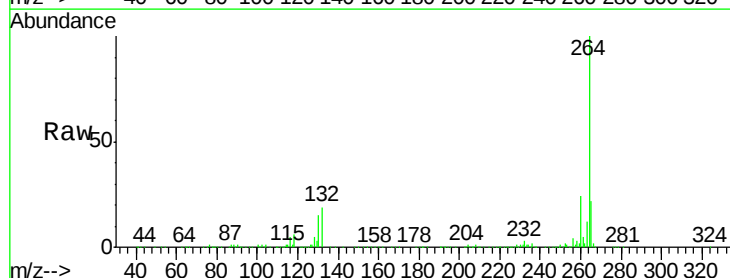
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

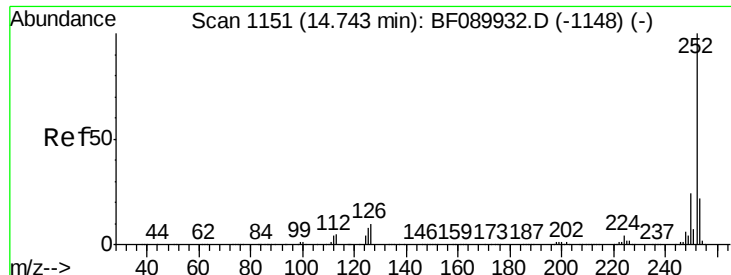
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.6	34.0
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089932.D
 Acq: 31 Aug 2016 4:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.8	17.4	26.2

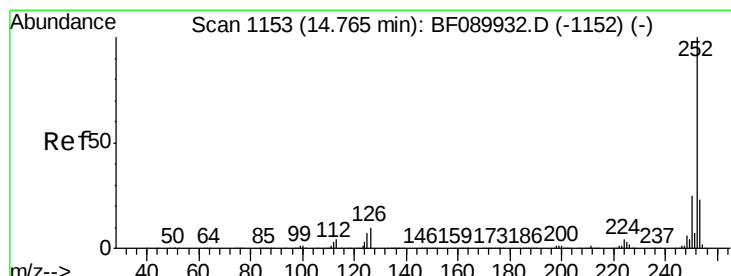
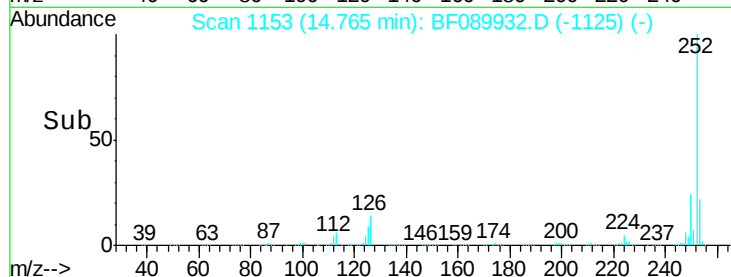
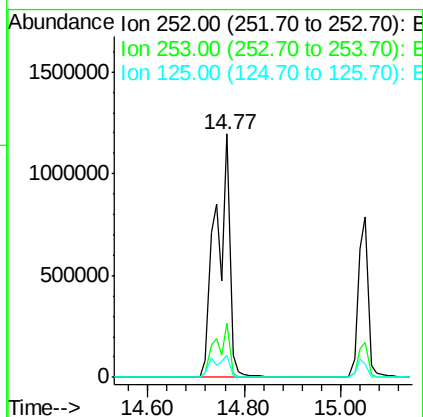
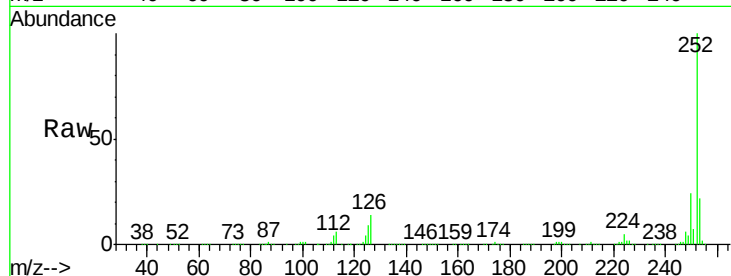




#87
Benzo(b)fluoranthene
Concen: 75.74 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

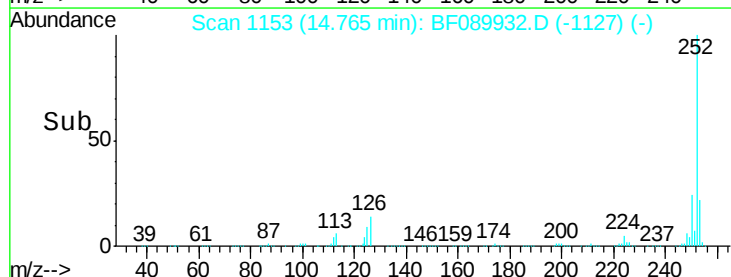
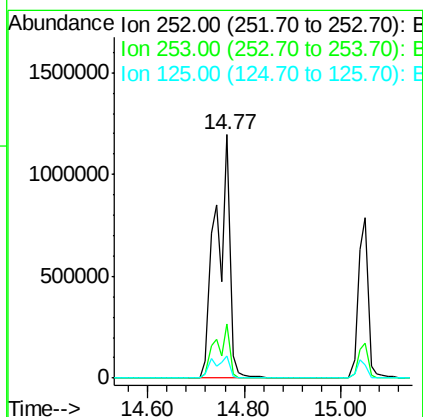
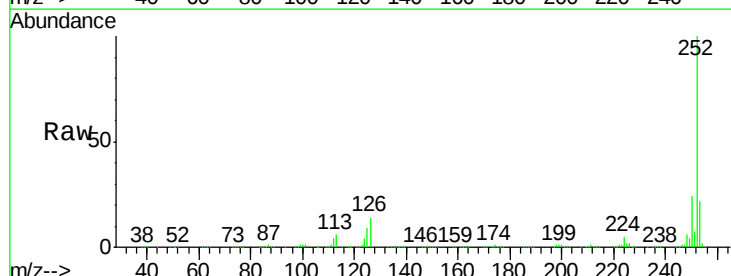
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

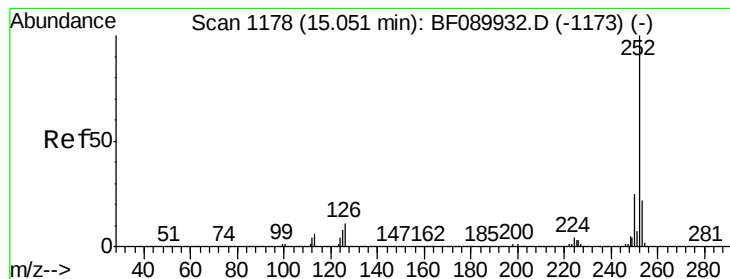
Tgt Ion:252 Resp: 2410398
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.1 5.7 8.5#



#88
Benzo(k)fluoranthene
Concen: 89.55 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089932.D
Acq: 31 Aug 2016 4:05

Tgt Ion:252 Resp: 2410398
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.1 7.3 10.9





#89

Benzo(a)pyrene

Concen: 41.12 ng

RT: 15.05 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

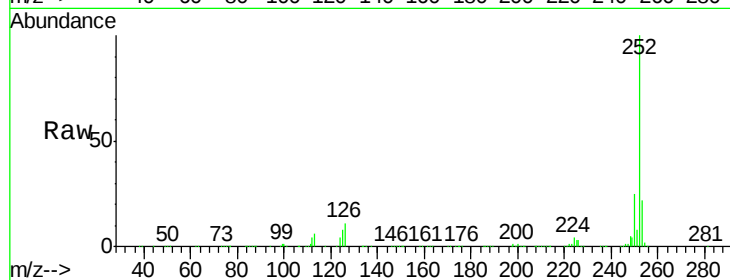
Tgt Ion:252 Resp: 1114659

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

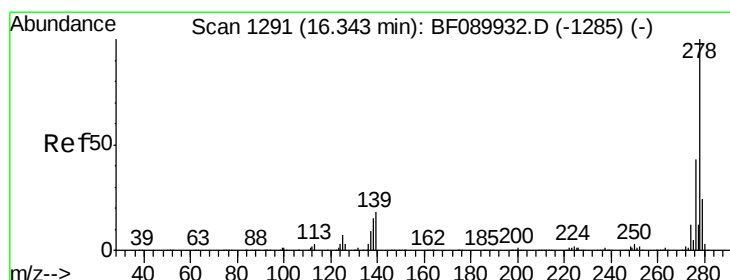
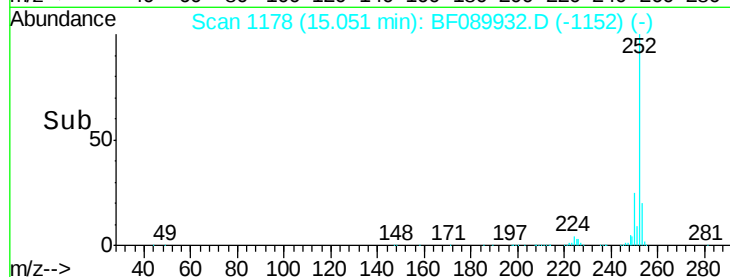
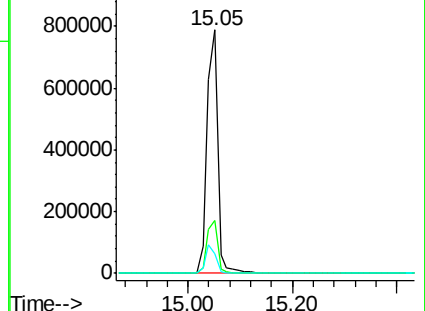
125 7.9 6.3 9.5



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: 39.10 ng

RT: 16.34 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF089932.D

Acq: 31 Aug 2016 4:05

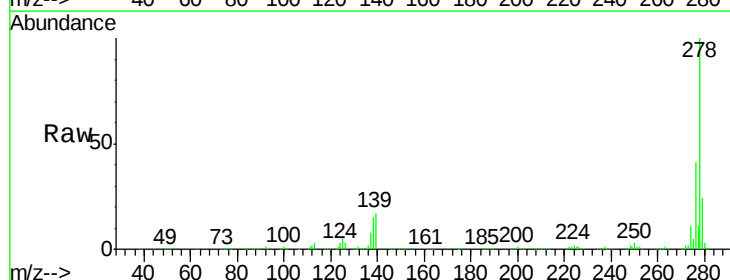
Tgt Ion:278 Resp: 807008

Ion Ratio Lower Upper

278 100

139 16.8 13.4 20.2

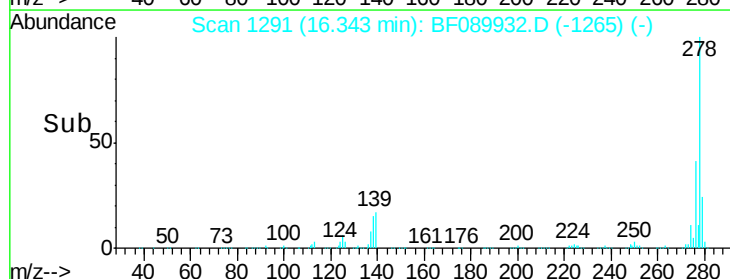
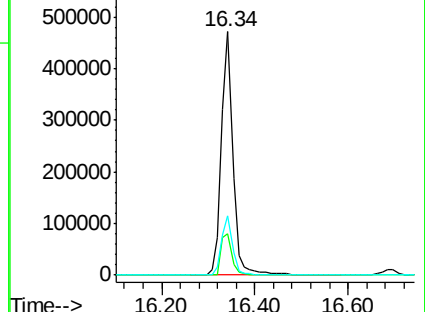
279 24.3 19.4 29.2

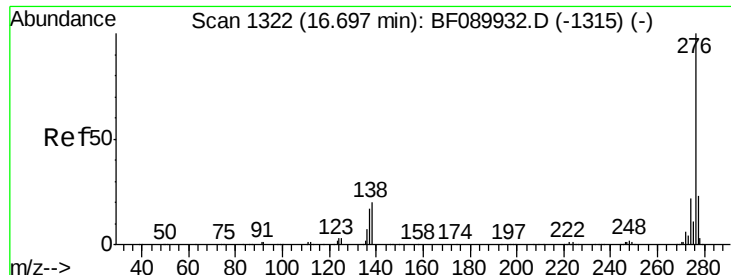


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.76 ng

RT: 16.70 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF089932.D

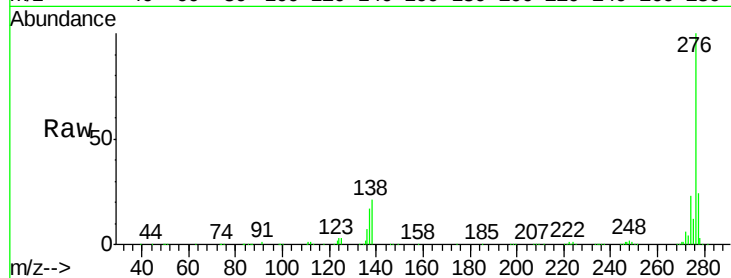
Acq: 31 Aug 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



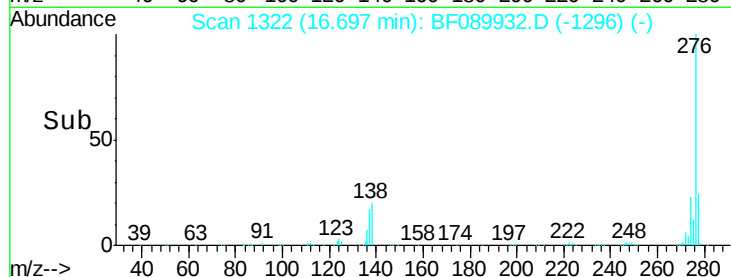
Tgt Ion: 276 Resp: 800320

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.5 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

