

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089157.D
 Acq On : 21 Jul 2016 3:51
 Operator : UM/SJ
 Sample : H4019-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Quant Time: Jul 21 07:34:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	54634	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	226526	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	110595	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	210881	20.00	ng	0.00
75) Chrysene-d12	13.73	240	141468	20.00	ng	0.00
86) Perylene-d12	15.07	264	113239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	473253	131.74	ng	0.01
7) Phenol-d6	6.27	99	632820	136.61	ng	0.00
23) Nitrobenzene-d5	7.18	82	400940	94.04	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	126504	127.05	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	774269	96.46	ng	0.00
78) Terphenyl-d14	12.69	244	589333	90.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	57596	36.93	ng	96
3) Pyridine	2.74	79	141902	35.81	ng	100
4) n-Nitrosodimethylamine	2.72	42	71630	42.94	ng	99
6) Aniline	6.27	93	205809	32.88	ng	# 83
8) 2-Chlorophenol	6.40	128	180594	45.30	ng	99
9) Benzaldehyde	6.15	77	49480	17.64	ng	98
10) Phenol	6.28	94	251759	47.17	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	186787	46.60	ng	97
12) 1,3-Dichlorobenzene	6.54	146	180732	41.06	ng	99
13) 1,4-Dichlorobenzene	6.62	146	191041	43.09	ng	99
14) 1,2-Dichlorobenzene	6.78	146	178015	42.59	ng	98
15) Benzyl Alcohol	6.76	79	170652	50.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	196142	42.95	ng	98
17) 2-Methylphenol	6.89	107	150658	47.98	ng	99
18) Hexachloroethane	7.11	117	71475	42.89	ng	94
19) n-Nitroso-di-n-propylamine	7.04	70	139898	46.17	ng	97
20) 3+4-Methylphenols	7.05	107	199037	46.69	ng	98
22) Acetophenone	7.03	105	270350	44.69	ng	100
24) Nitrobenzene	7.20	77	208277	46.32	ng	98
25) Isophorone	7.44	82	364207	46.35	ng	99
26) 2-Nitrophenol	7.51	139	96058	45.81	ng	95
27) 2,4-Dimethylphenol	7.56	122	153683	43.49	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	232930	47.39	ng	99
29) 2,4-Dichlorophenol	7.76	162	152199	47.80	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	155401	44.09	ng	96
31) Naphthalene	7.91	128	525359	42.97	ng	99
32) Benzoic acid	7.69	122	33840	12.45	ng	94
33) 4-Chloroaniline	7.96	127	146981	28.59	ng	# 90
34) Hexachlorobutadiene	8.03	225	84652	43.15	ng	99
35) Caprolactam	8.35	113	42711m	43.19	ng	
36) 4-Chloro-3-methylphenol	8.47	107	171294	44.65	ng	100
37) 2-Methylnaphthalene	8.60	142	347736	44.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	143425	34.89	ng	99
40) Hexachlorocyclopentadiene	8.75	237	111623	80.99	ng	97

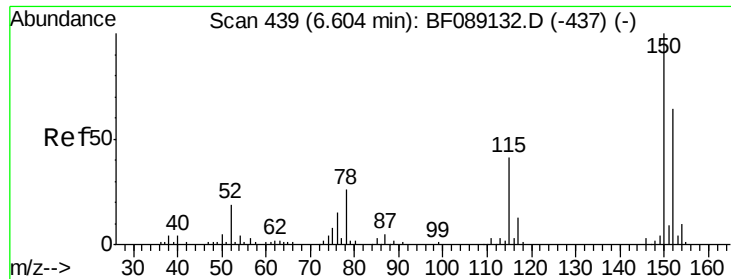
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	101943	44.31	ng	99
43) 2,4,5-Trichlorophenol	8.94	196	108499	46.98	ng #	93
45) 1,1'-Biphenyl	9.06	154	395173	39.68	ng	100
46) 2-Chloronaphthalene	9.08	162	317461	41.95	ng	100
47) 2-Nitroaniline	9.19	65	105751	40.73	ng	98
48) Acenaphthylene	9.50	152	509426	42.81	ng	100
49) Dimethylphthalate	9.38	163	518889	61.14	ng	98
50) 2,6-Dinitrotoluene	9.44	165	88818	46.36	ng #	82
51) Acenaphthene	9.67	154	306080	43.48	ng	99
52) 3-Nitroaniline	9.61	138	73869	32.46	ng	99
53) 2,4-Dinitrophenol	9.71	184	50573	54.77	ng #	83
54) Dibenzofuran	9.84	168	440195	46.28	ng	98
55) 4-Nitrophenol	9.79	139	109901	79.83	ng #	85
56) 2,4-Dinitrotoluene	9.84	165	108257	43.86	ng #	83
57) Fluorene	10.18	166	381932	47.31	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	83325	50.24	ng	98
59) Diethylphthalate	10.08	149	395665	47.02	ng	95
60) 4-Chlorophenyl-phenylether	10.18	204	159382	43.24	ng	98
61) 4-Nitroaniline	10.23	138	97050	43.84	ng	93
62) Azobenzene	10.33	77	428721	46.88	ng	99
64) 4,6-Dinitro-2-methylphenol	10.25	198	52262	42.57	ng	77
65) n-Nitrosodiphenylamine	10.30	169	320374	45.46	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	98376	47.14	ng	96
67) Hexachlorobenzene	10.72	284	94068	41.91	ng #	53
68) Atrazine	10.83	200	94316	42.79	ng	98
69) Pentachlorophenol	10.92	266	95076	91.82	ng	99
70) Phenanthrene	11.13	178	507827	43.90	ng	100
71) Anthracene	11.19	178	589064	48.99	ng	99
72) Carbazole	11.35	167	526806	49.88	ng	100
73) Di-n-butylphthalate	11.68	149	565032	43.25	ng	100
74) Fluoranthene	12.31	202	525812	43.24	ng	99
76) Benzidine	12.45	184	236673	48.66	ng	97
77) Pyrene	12.54	202	569051	48.71	ng	100
79) Butylbenzylphthalate	13.17	149	258152	52.23	ng	96
80) Benzo(a)anthracene	13.71	228	408919	45.38	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	105668	35.36	ng #	97
82) Chrysene	13.76	228	392695	45.63	ng	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	382057	58.28	ng	99
84) Di-n-octyl phthalate	14.33	149	495183	45.78	ng	100
85) Indeno(1,2,3-cd)pyrene	16.30	276	315921	50.54	ng	99
87) Benzo(b)fluoranthene	14.71	252	323501m	39.44	ng	
88) Benzo(k)fluoranthene	14.74	252	331626m	56.54	ng	
89) Benzo(a)pyrene	15.02	252	306293	48.11	ng	98
90) Dibenzo(a,h)anthracene	16.31	278	259531	51.62	ng #	94
91) Benzo(g,h,i)perylene	16.66	276	264705	52.22	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

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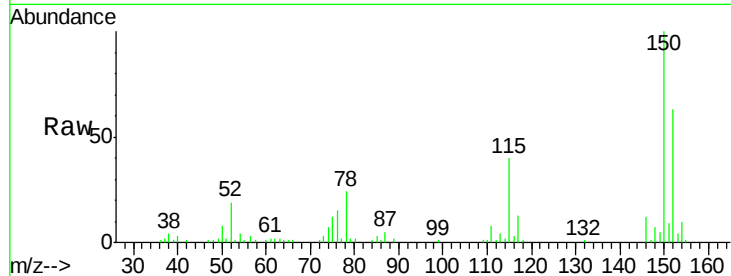
Tgt Ion:152 Resp: 54634

Ion Ratio Lower Upper

152 100

150 159.1 125.1 187.7

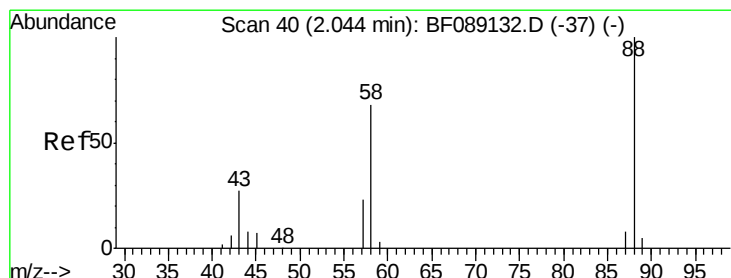
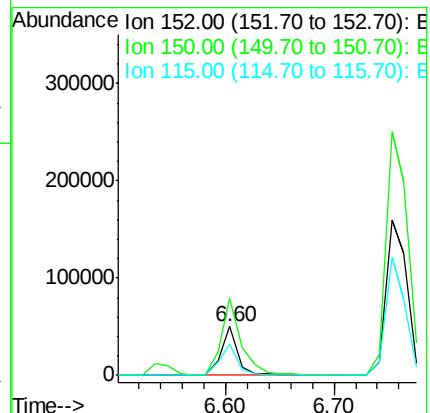
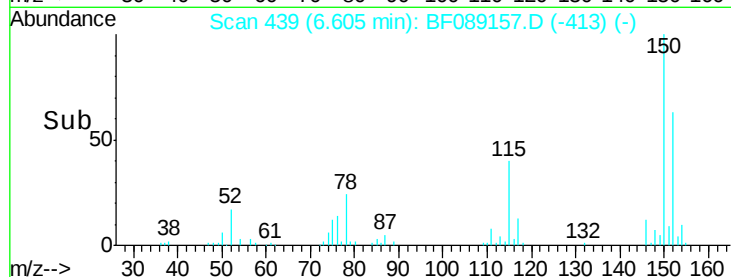
115 63.2 51.1 76.7



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: 36.93 ng

RT: 2.12 min Scan# 47

Delta R.T. 0.08 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

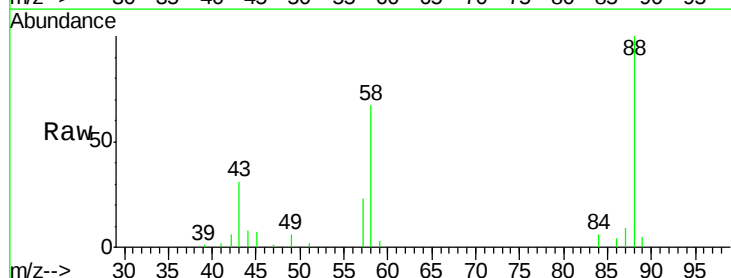
Tgt Ion: 88 Resp: 57596

Ion Ratio Lower Upper

88 100

58 64.7 49.2 73.8

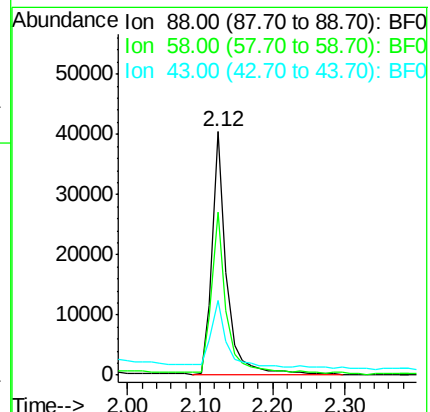
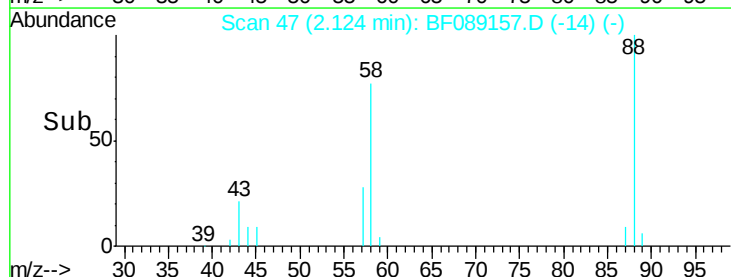
43 28.1 20.6 30.8

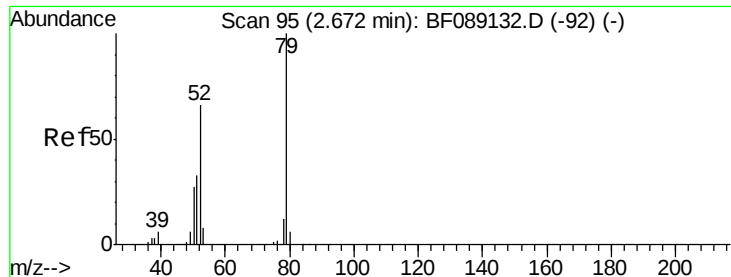


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.81 ng

RT: 2.74 min Scan# 101

Delta R.T. 0.07 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

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LOCATION-SGS-33MS

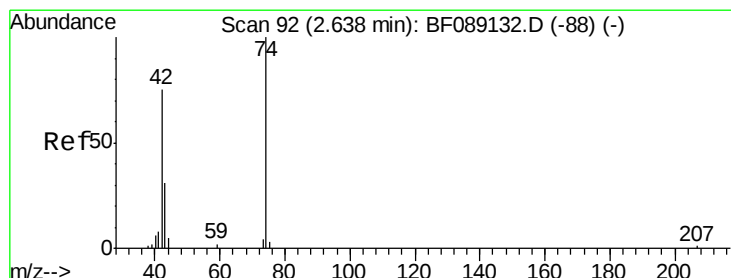
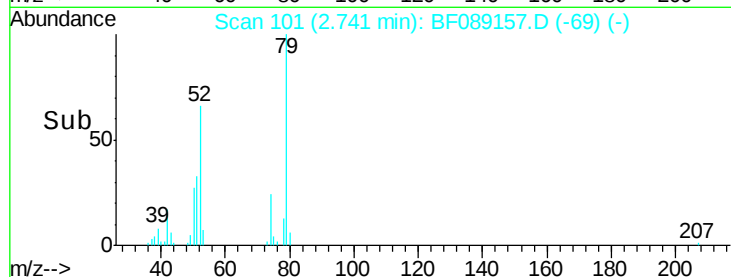
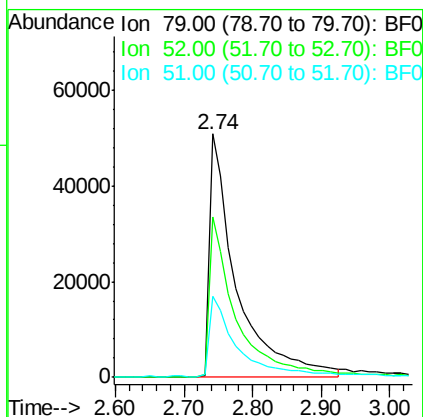
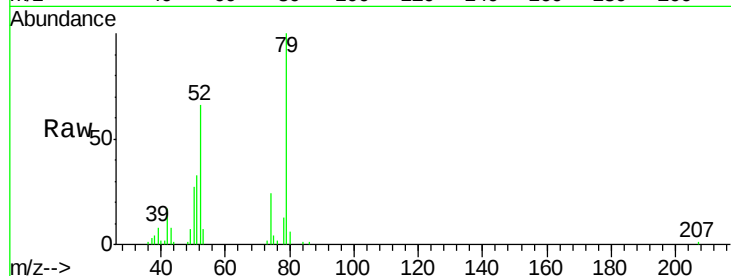
Tgt Ion: 79 Resp: 141902

Ion Ratio Lower Upper

79 100

52 66.0 52.9 79.3

51 33.4 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 42.94 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.08 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

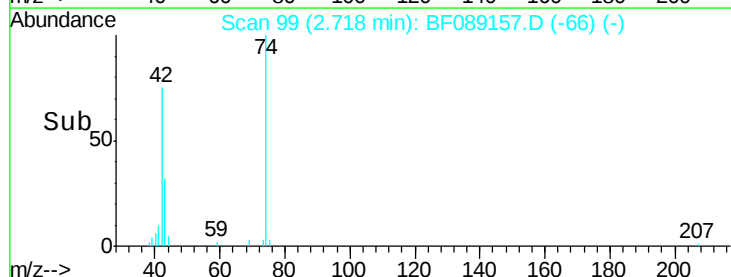
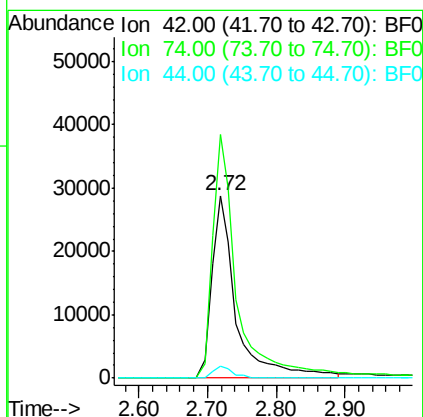
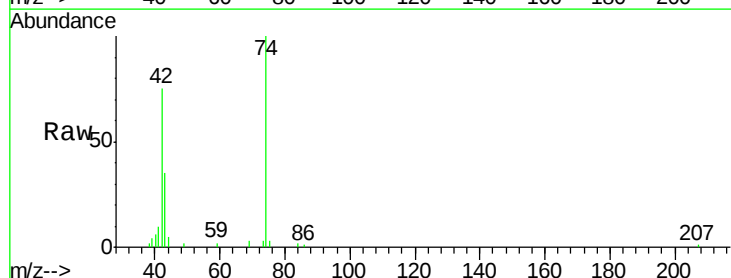
Tgt Ion: 42 Resp: 71630

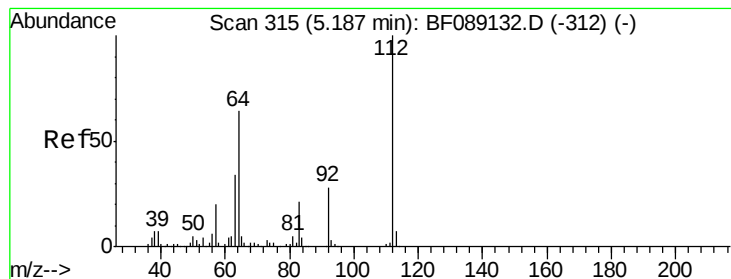
Ion Ratio Lower Upper

42 100

74 133.6 106.4 159.6

44 6.2 5.2 7.8





#5

2-Fluorophenol

Concen: 131.74 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

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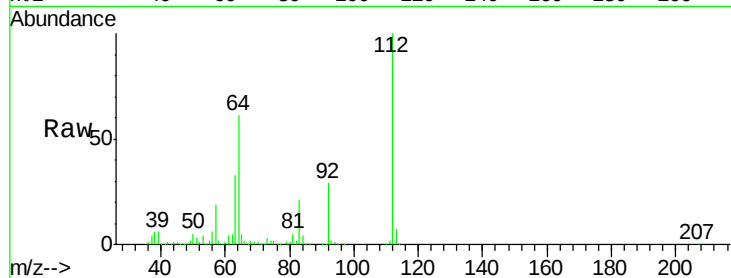
Tgt Ion:112 Resp: 473253

Ion Ratio Lower Upper

112 100

64 61.3 51.0 76.4

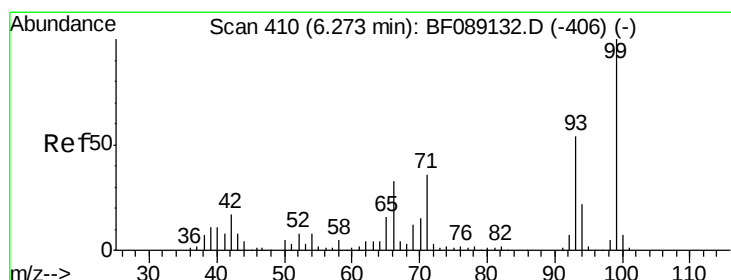
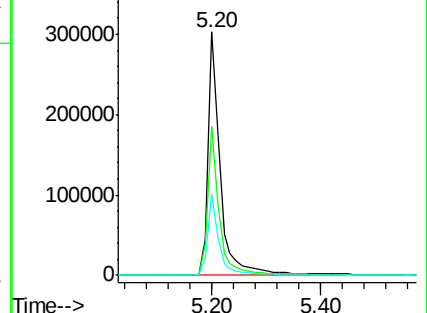
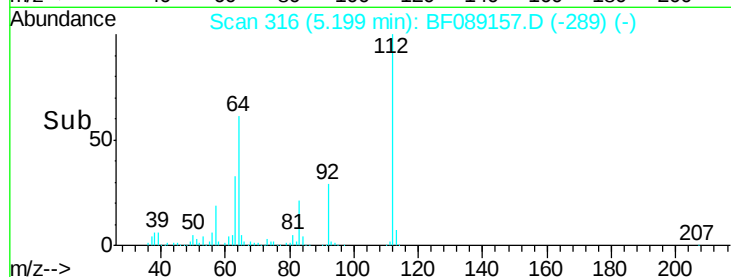
63 33.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.88 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

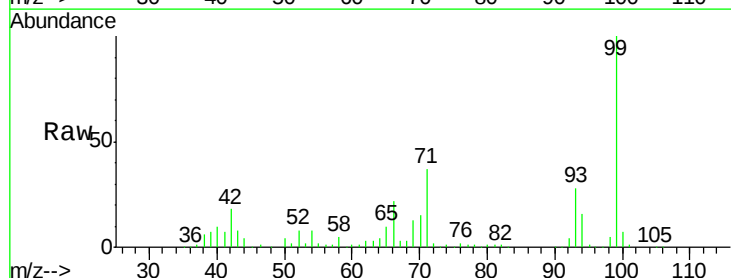
Tgt Ion: 93 Resp: 205809

Ion Ratio Lower Upper

93 100

66 76.1 48.9 73.3#

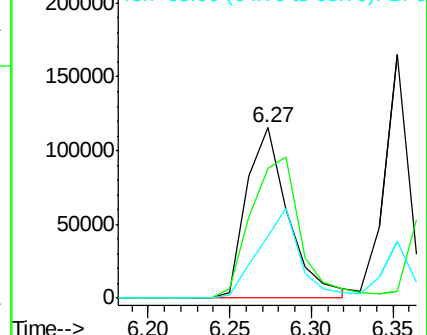
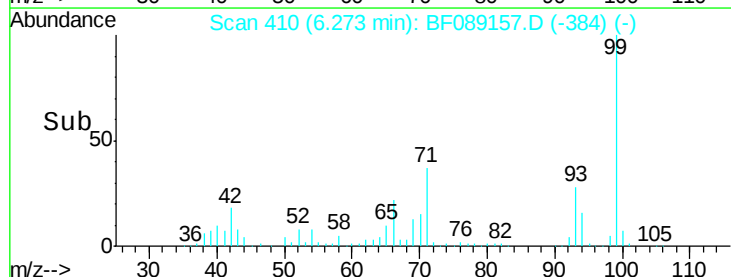
65 36.3 23.9 35.9#

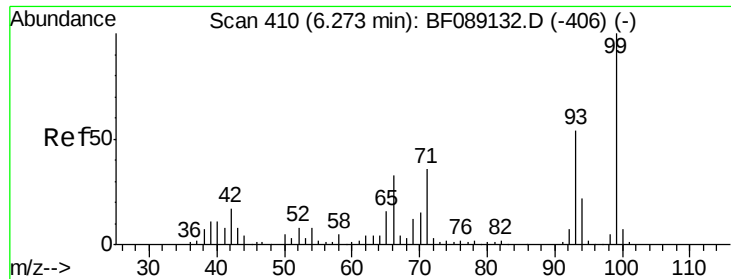


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.61 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089157.D

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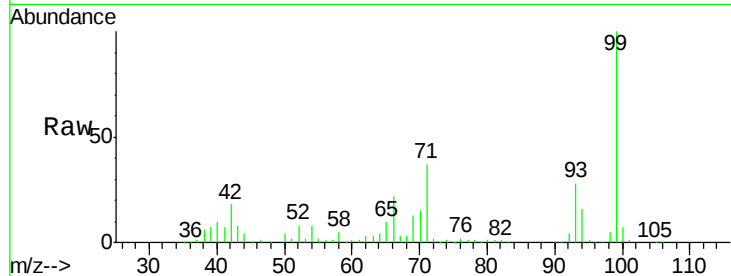
Tgt Ion: 99 Resp: 632820

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

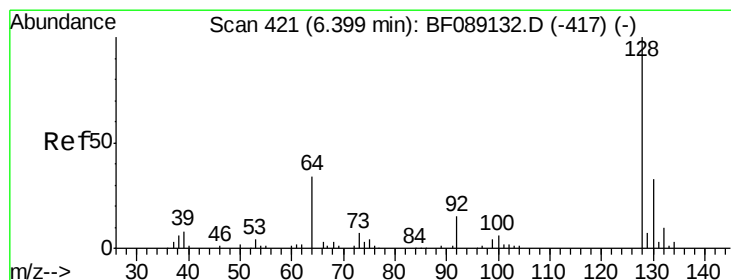
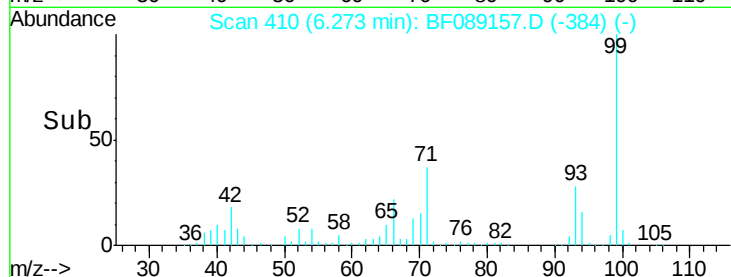
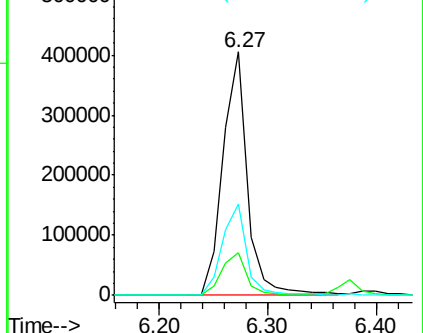
71 37.3 28.9 43.3



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: 45.30 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF089157.D

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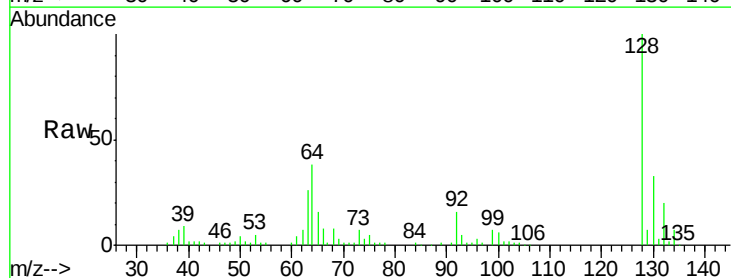
Tgt Ion: 128 Resp: 180594

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

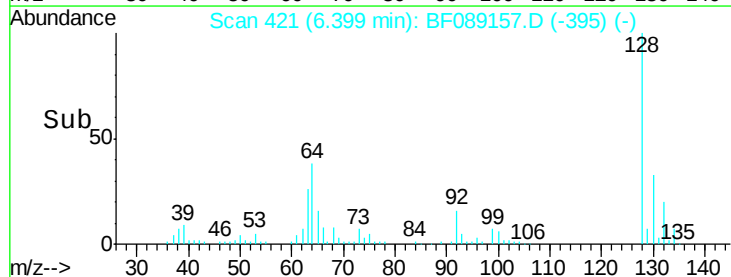
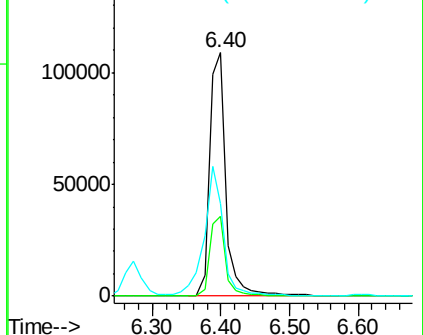
64 38.2 17.5 57.5

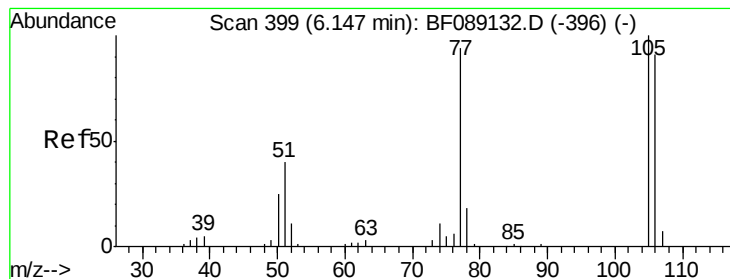


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.64 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

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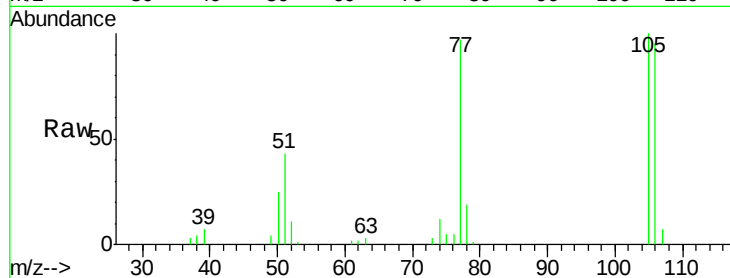
Tgt Ion: 77 Resp: 49480

Ion Ratio Lower Upper

77 100

105 103.6 86.2 126.2

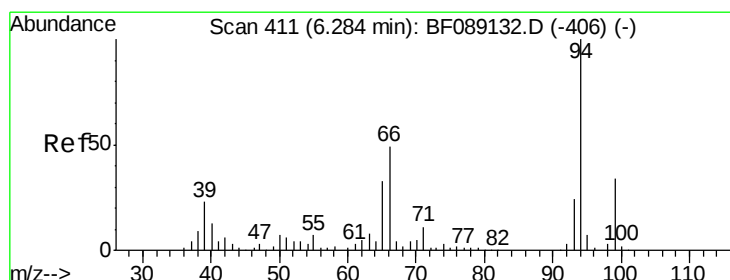
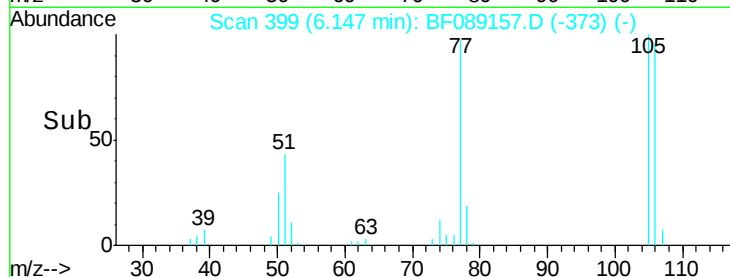
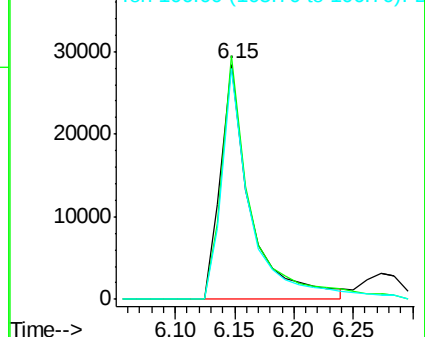
106 98.1 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.17 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

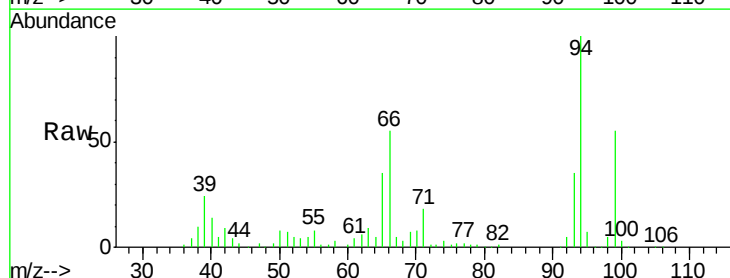
Tgt Ion: 94 Resp: 251759

Ion Ratio Lower Upper

94 100

65 35.0 13.3 53.3

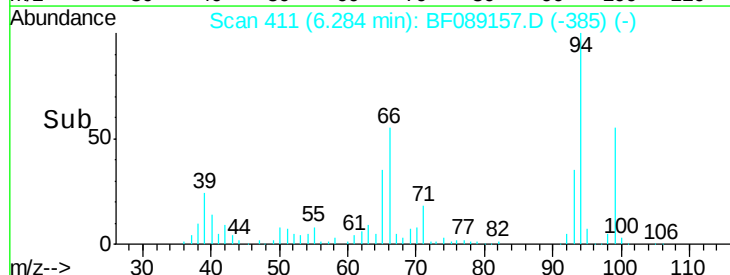
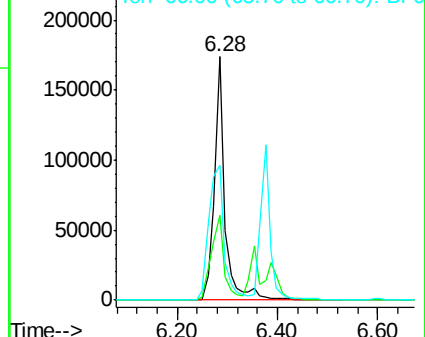
66 55.2 29.3 69.3

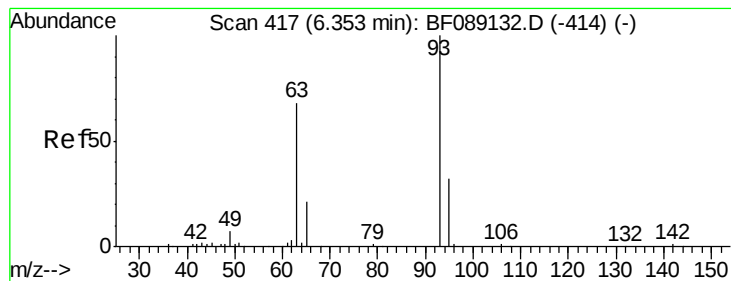


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.60 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

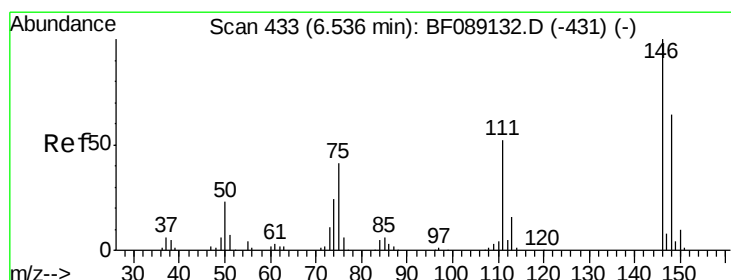
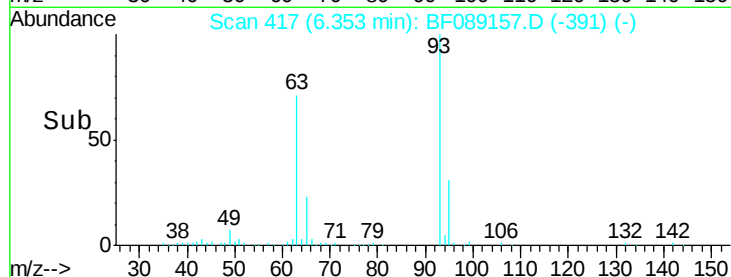
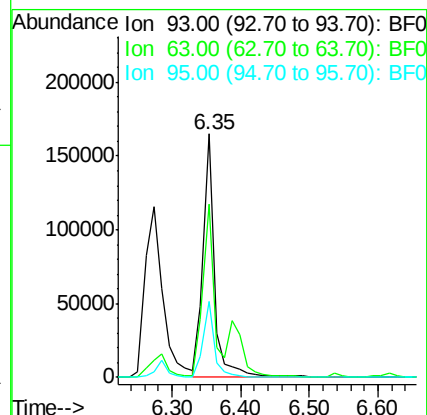
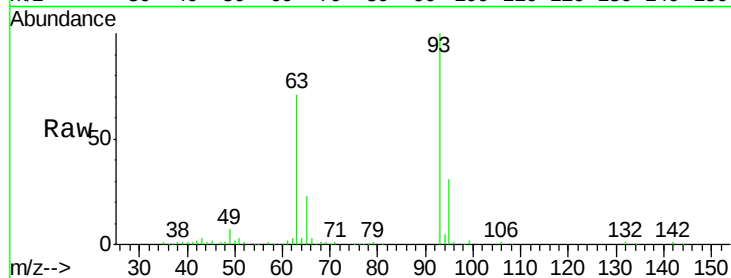
Tgt Ion: 93 Resp: 186787

Ion Ratio Lower Upper

93 100

63 70.9 47.3 87.3

95 31.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.06 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

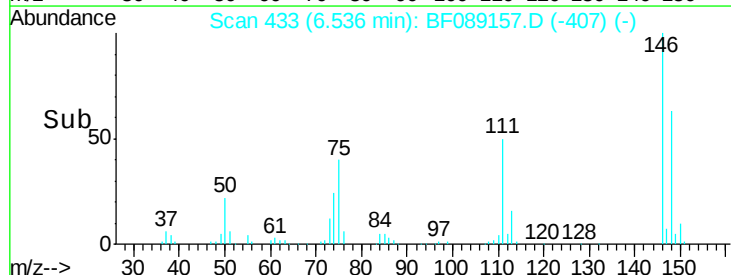
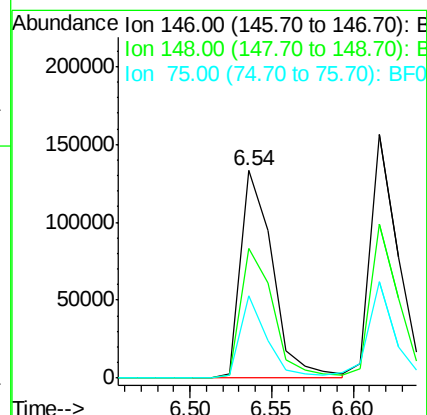
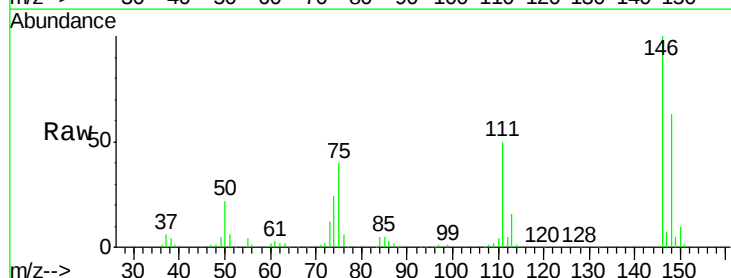
Tgt Ion: 146 Resp: 180732

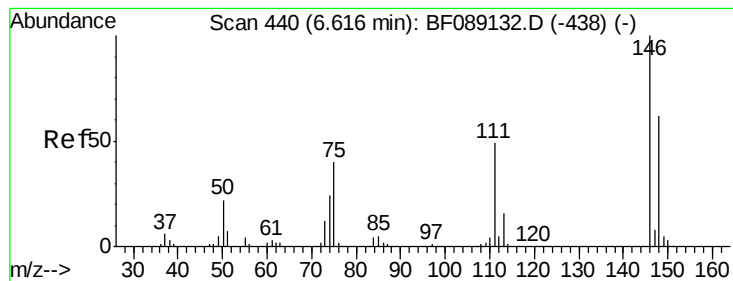
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

75 39.9 32.5 48.7





#13

1,4-Dichlorobenzene

Concen: 43.09 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

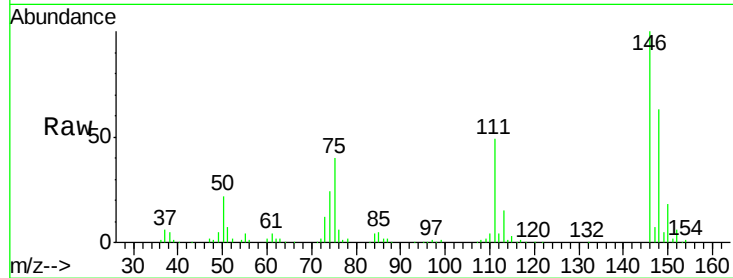
Tgt Ion:146 Resp: 191041

Ion Ratio Lower Upper

146 100

148 63.3 49.9 74.9

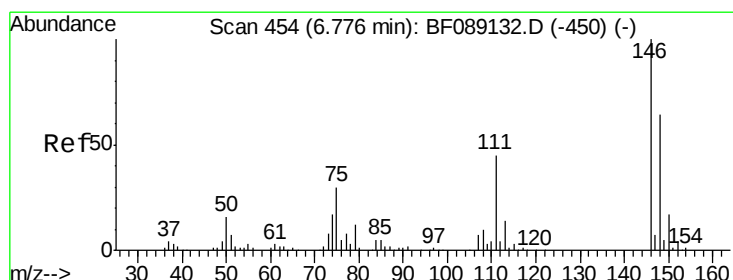
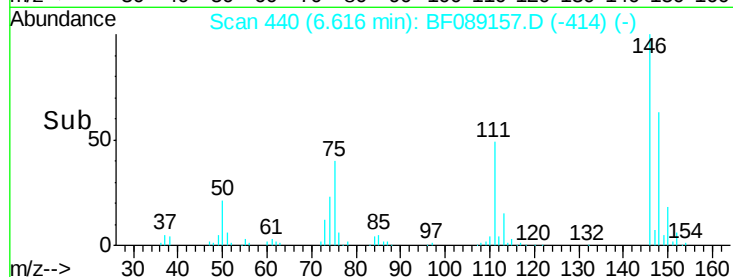
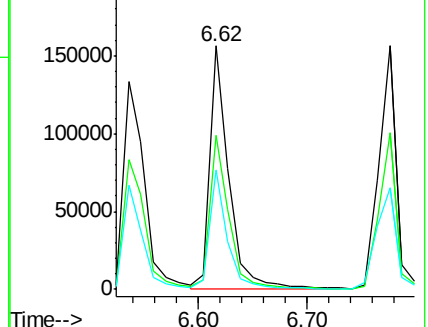
111 49.0 39.8 59.6



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: 42.59 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

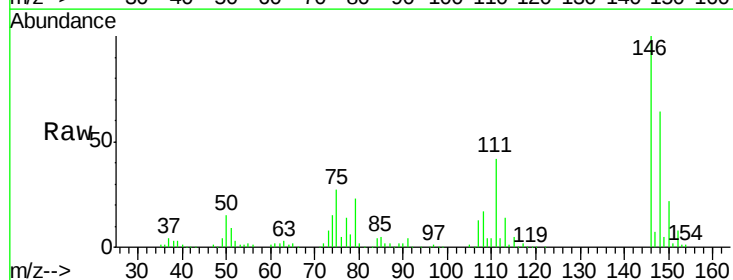
Tgt Ion:146 Resp: 178015

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

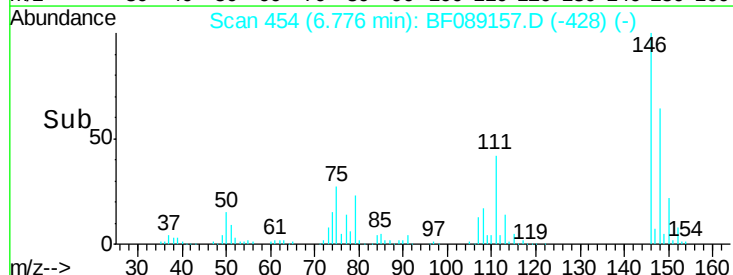
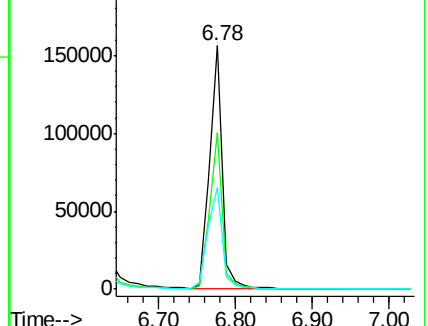
111 41.9 35.9 53.9

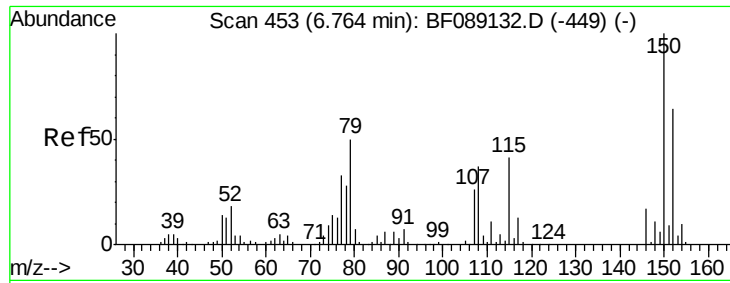


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.30 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

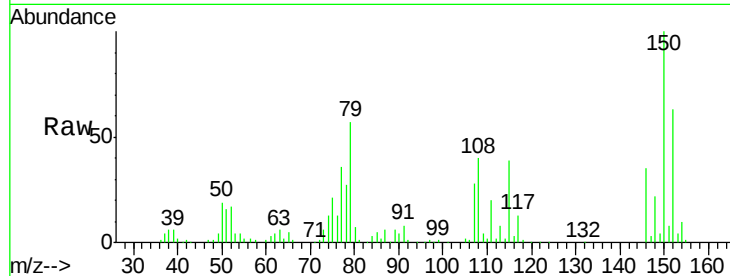
Tgt Ion: 79 Resp: 170652

Ion Ratio Lower Upper

79 100

108 70.9 58.2 87.4

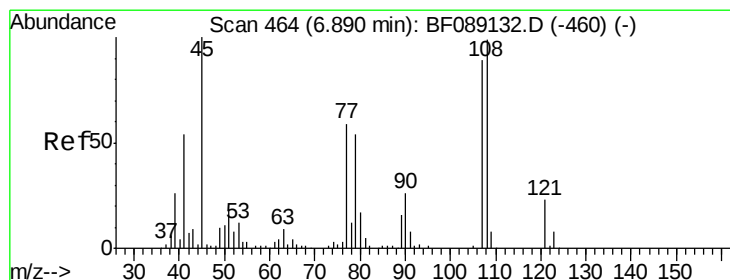
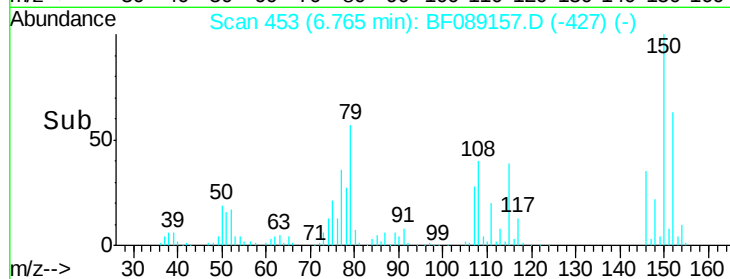
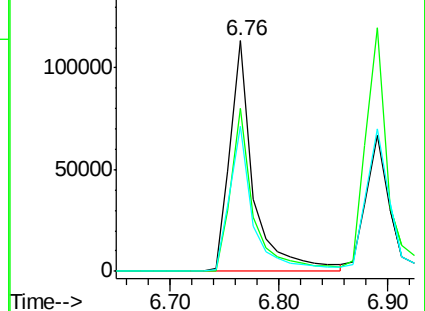
77 62.8 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.95 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

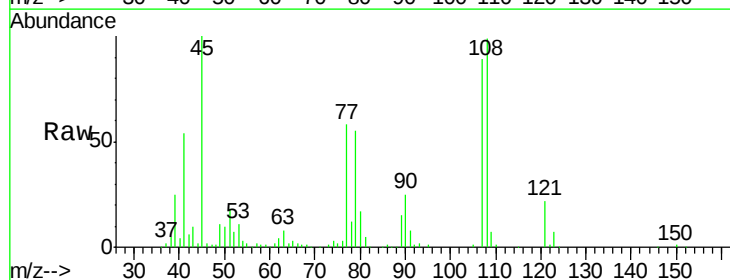
Tgt Ion: 45 Resp: 196142

Ion Ratio Lower Upper

45 100

77 57.9 39.7 79.7

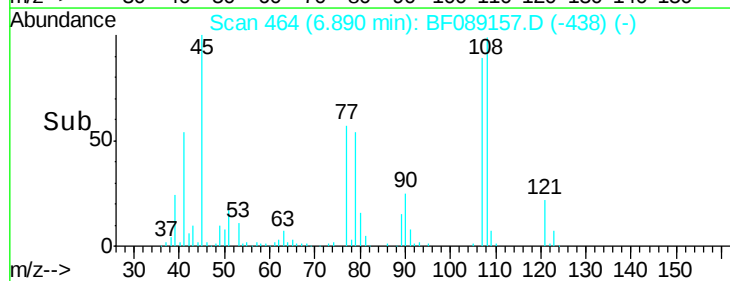
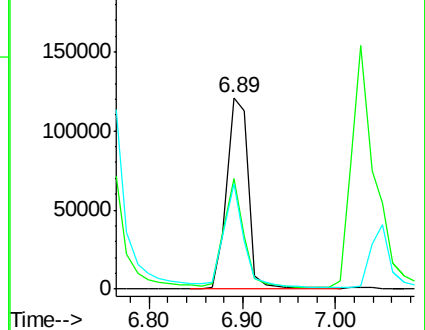
79 55.2 34.7 74.7

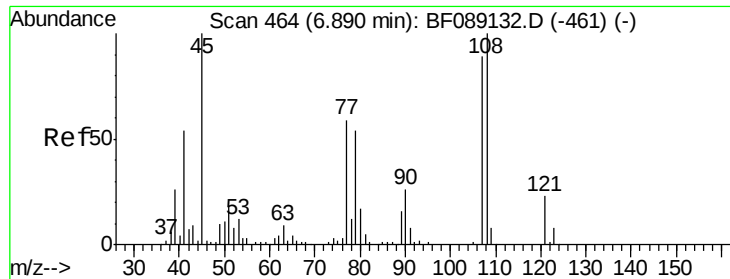


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

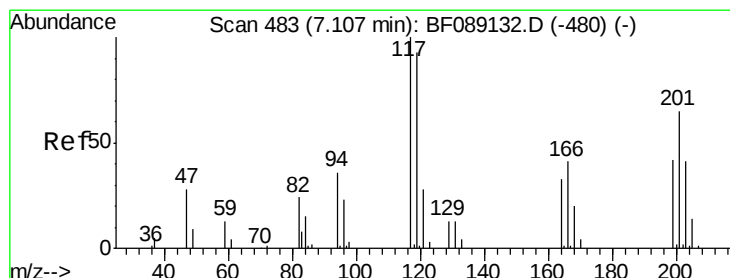
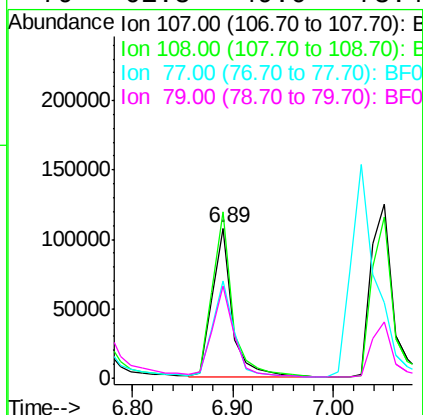
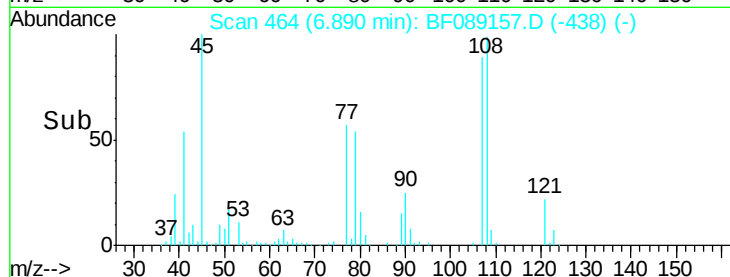
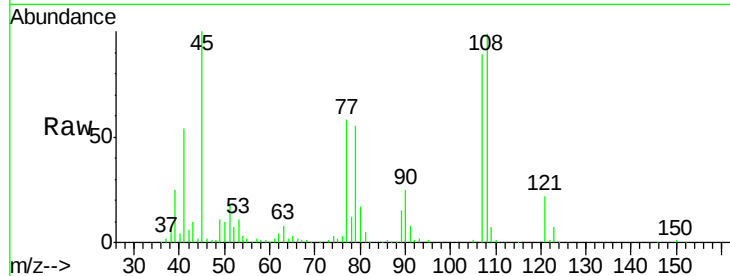




#17
2-Methylphenol
Concen: 47.98 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

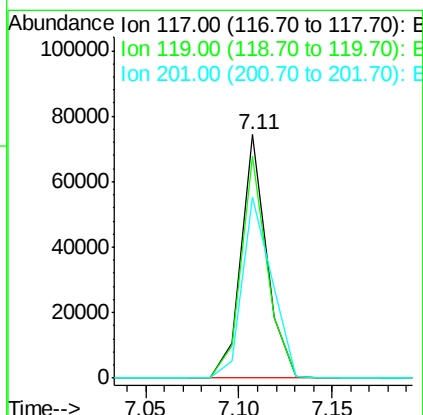
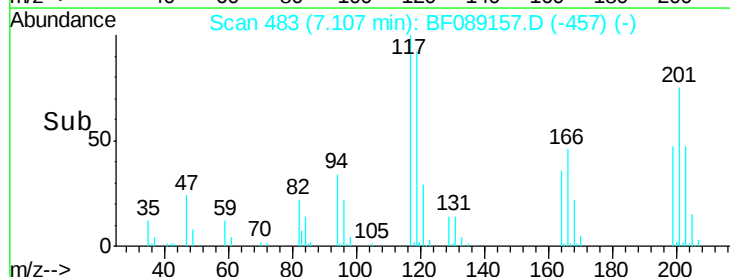
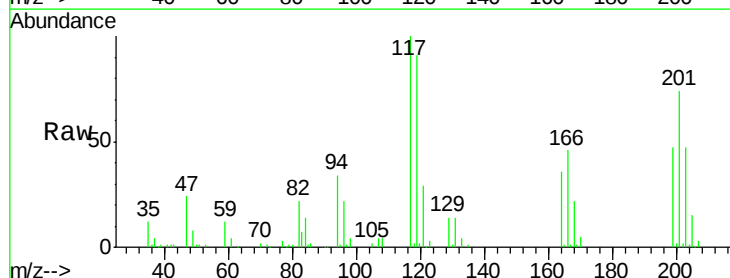
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MS

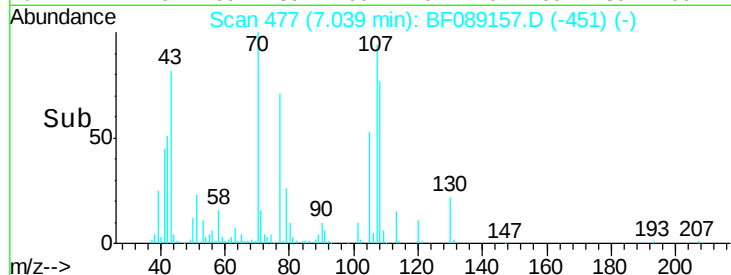
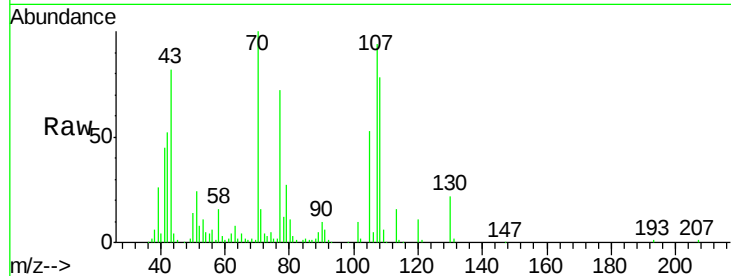
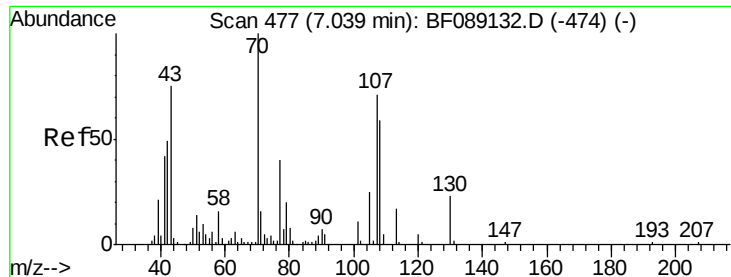
Tgt Ion:107 Resp: 150658
Ion Ratio Lower Upper
107 100
108 110.8 89.4 134.2
77 64.8 53.4 80.0
79 61.8 49.0 73.4



#18
Hexachloroethane
Concen: 42.89 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Tgt Ion:117 Resp: 71475
Ion Ratio Lower Upper
117 100
119 91.4 74.5 111.7
201 74.5 51.8 77.6

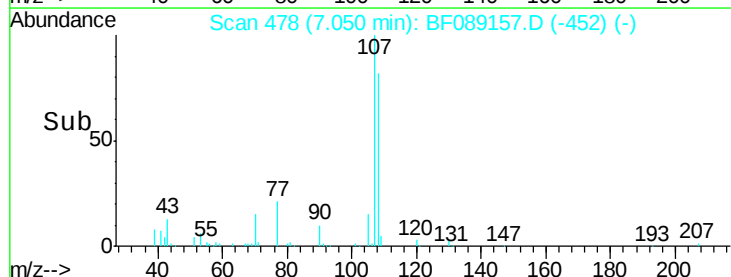
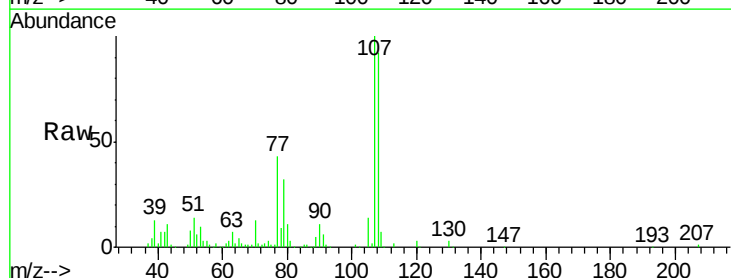
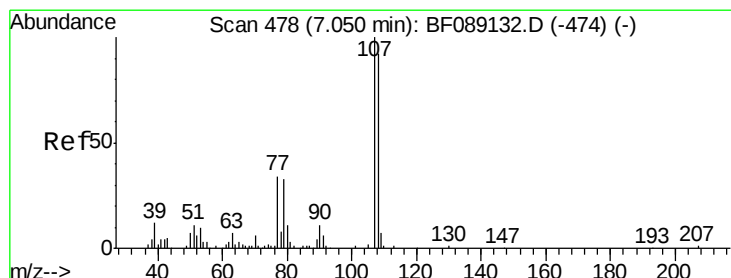
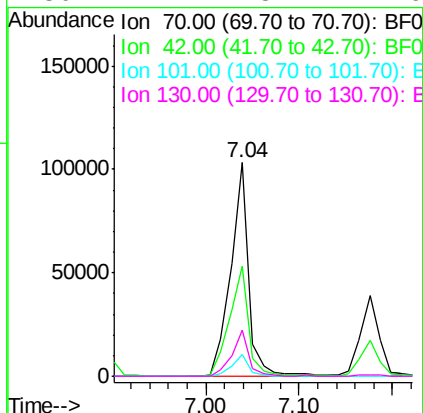




#19
n-Nitroso-di-n-propylamine
Concen: 46.17 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

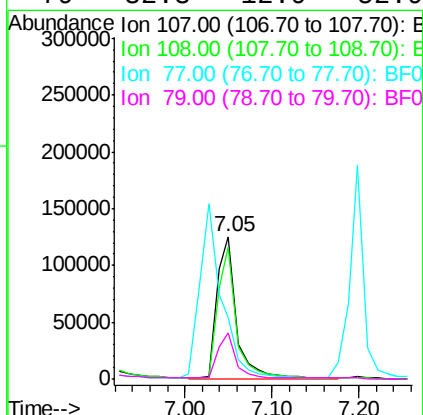
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MS

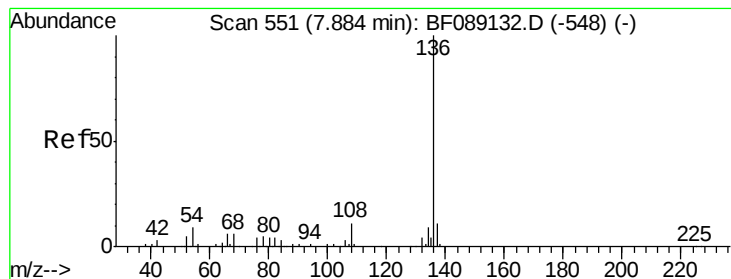
Tgt Ion: 70 Resp: 139898
Ion Ratio Lower Upper
70 100
42 51.7 39.2 58.8
101 9.9 8.5 12.7
130 21.7 18.4 27.6



#20
3+4-Methylphenols
Concen: 46.69 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Tgt Ion: 107 Resp: 199037
Ion Ratio Lower Upper
107 100
108 92.4 72.5 112.5
77 43.2 17.7 57.7
79 32.3 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

Tgt Ion:136 Resp: 226526

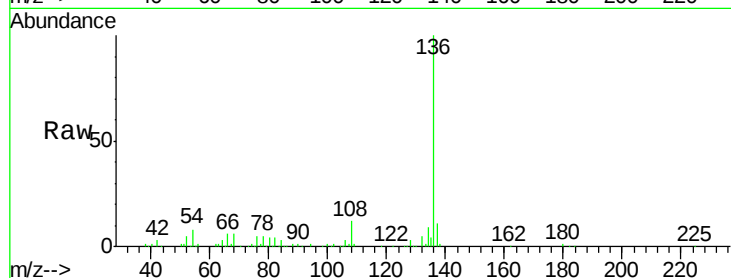
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.4 7.0 10.4

68 6.1 5.0 7.6

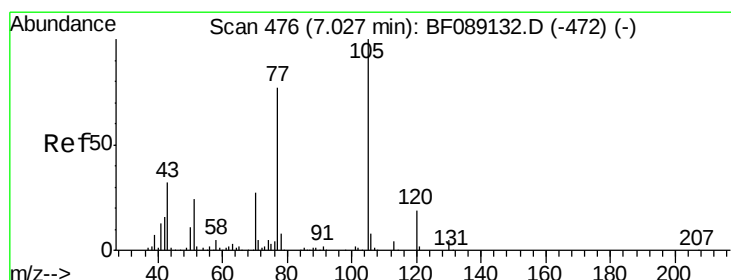
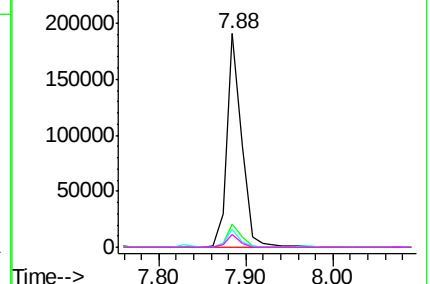
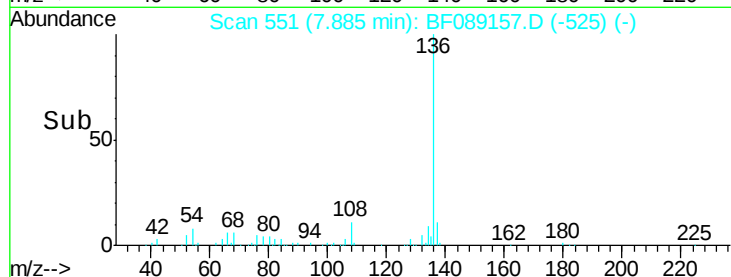


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.69 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Tgt Ion:105 Resp: 270350

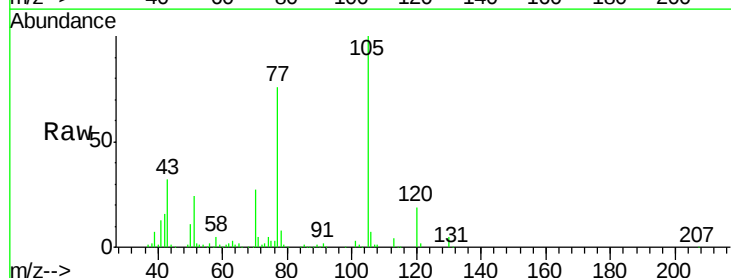
Ion Ratio Lower Upper

105 100

71 4.6 3.8 5.6

51 24.2 19.6 29.4

120 19.3 15.5 23.3

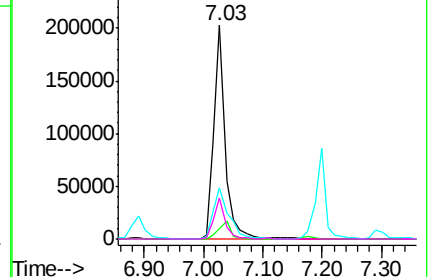
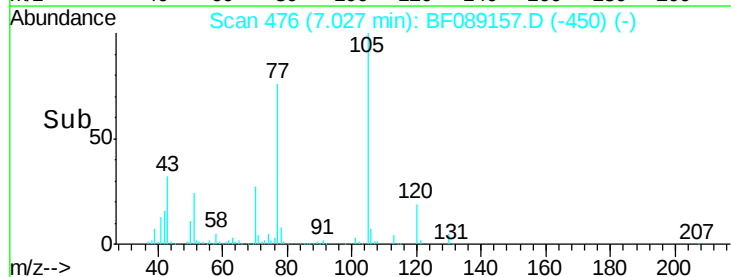


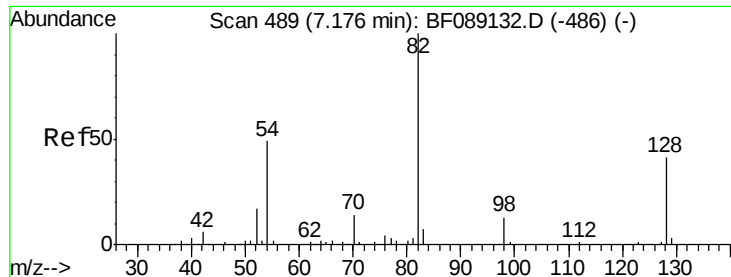
Abundance Ion 105.00 (104.70 to 105.70): E

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

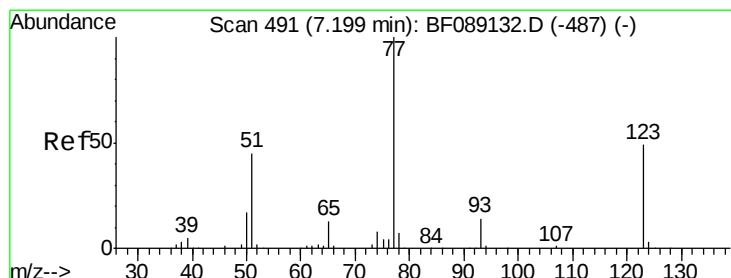
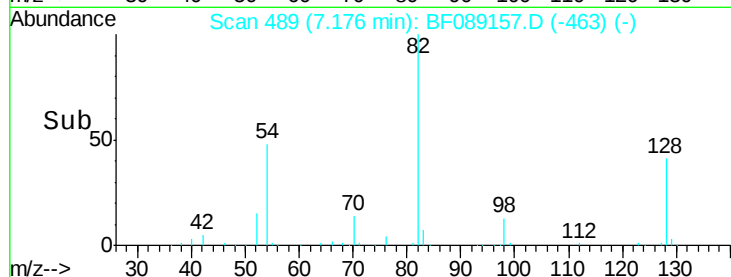
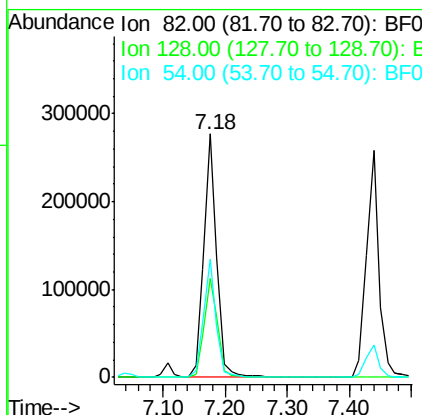
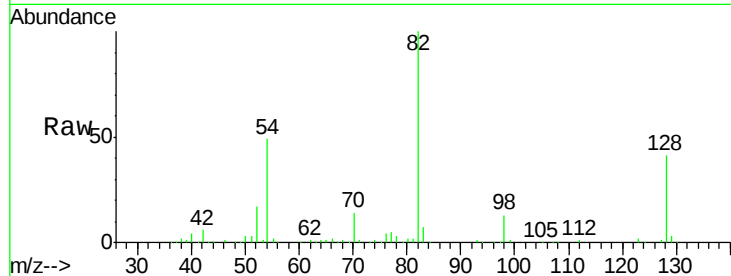




#23
 Nitrobenzene-d5
 Concen: 94.04 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

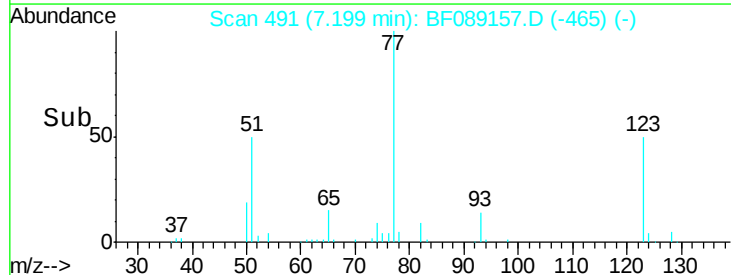
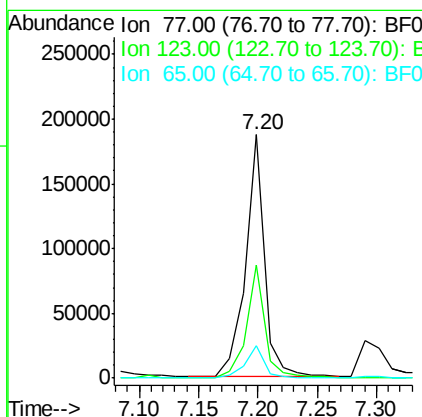
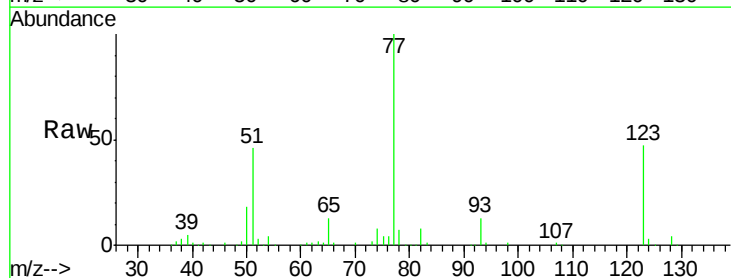
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.6
54	48.6	39.0	58.4



#24
 Nitrobenzene
 Concen: 46.32 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	38.9	58.3
65	13.2	10.6	15.8





#25

Isophorone

Concen: 46.35 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

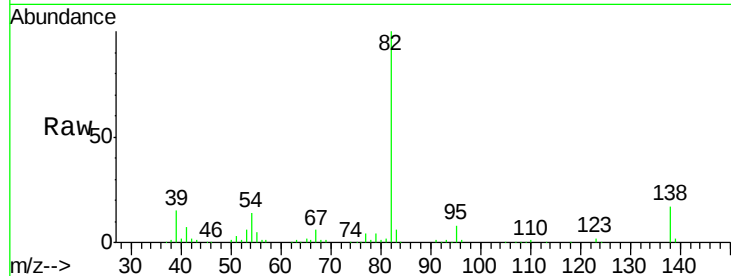
Tgt Ion: 82 Resp: 364207

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

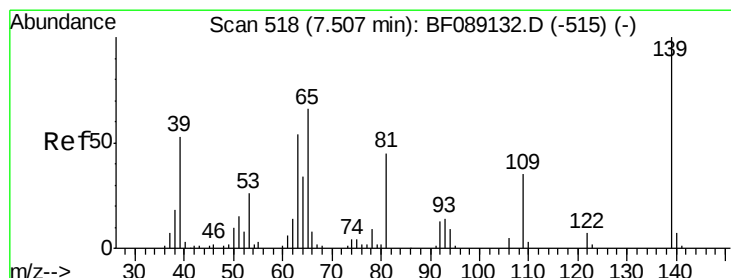
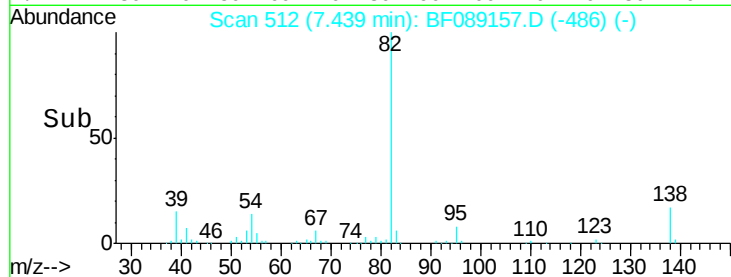
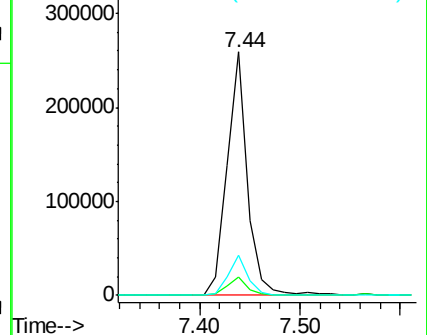
138 16.7 13.6 20.4



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: 45.81 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

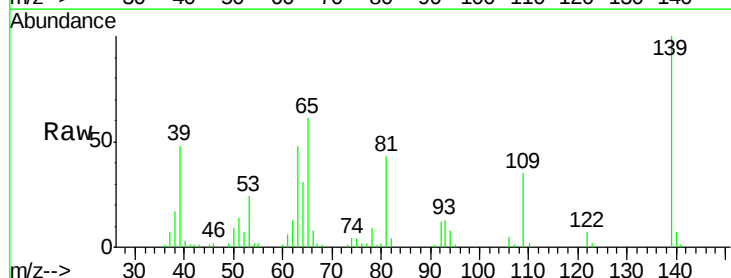
Tgt Ion: 139 Resp: 96058

Ion Ratio Lower Upper

139 100

109 34.6 28.1 42.1

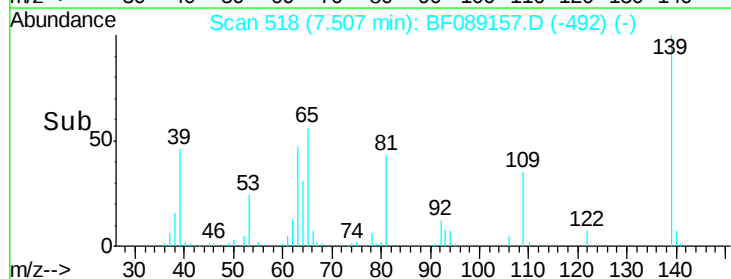
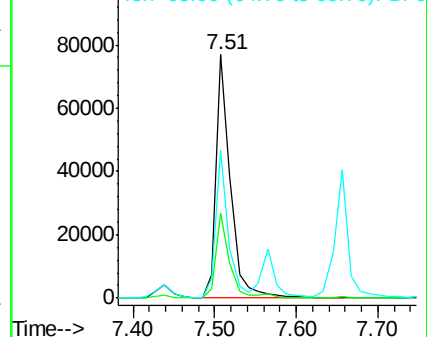
65 60.5 52.7 79.1

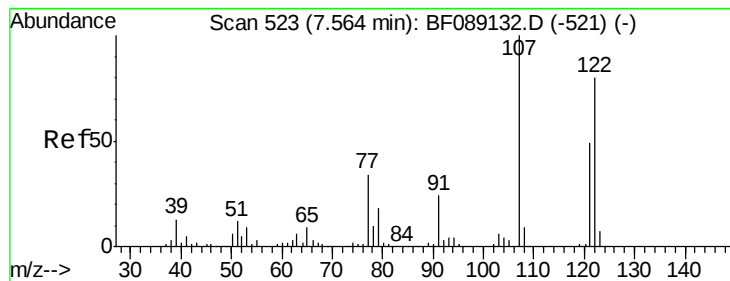


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.49 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

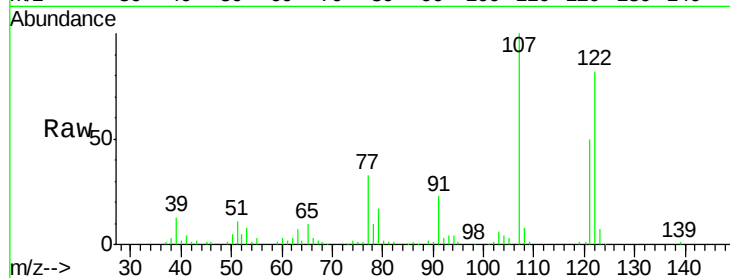
Tgt Ion:122 Resp: 153683

Ion Ratio Lower Upper

122 100

107 122.0 99.7 149.5

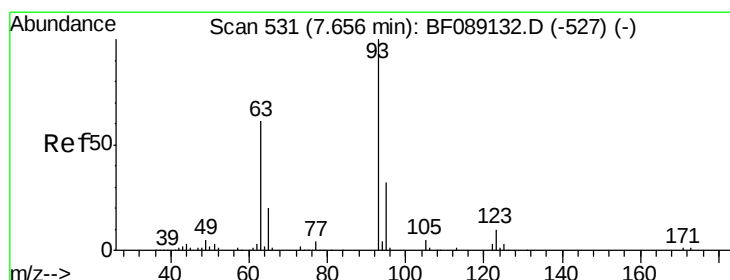
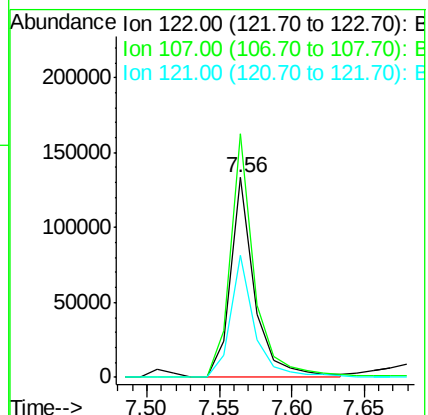
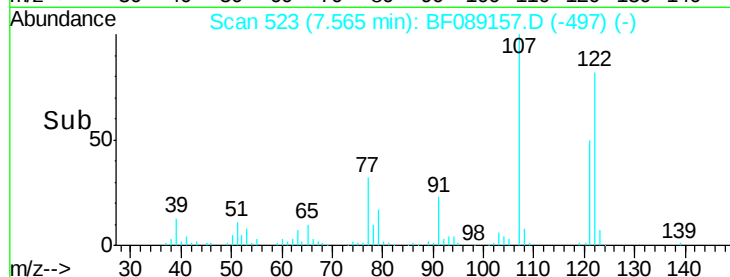
121 60.9 48.5 72.7



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: 47.39 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

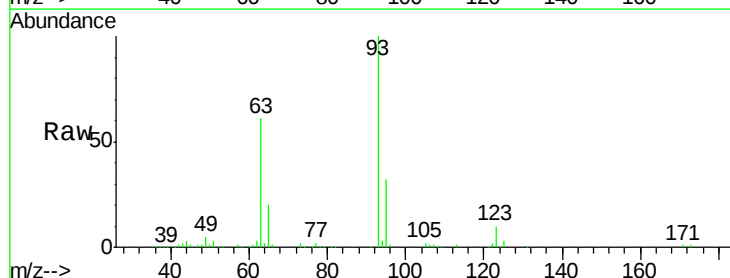
Tgt Ion: 93 Resp: 232930

Ion Ratio Lower Upper

93 100

95 32.2 25.4 38.0

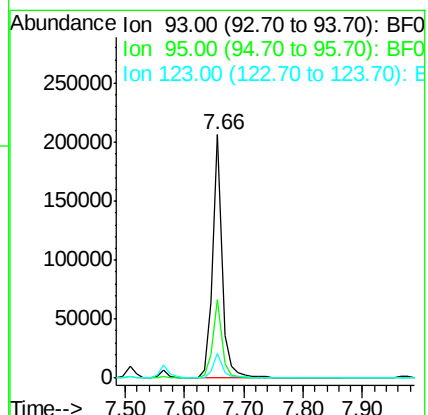
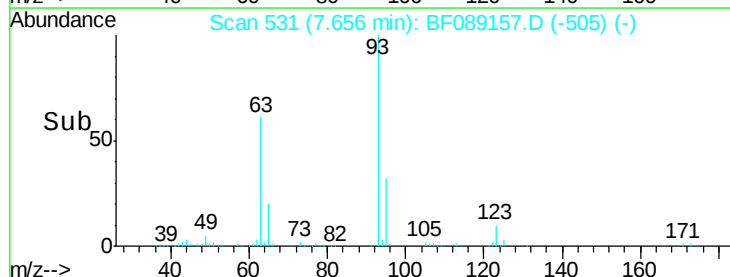
123 10.2 8.3 12.5

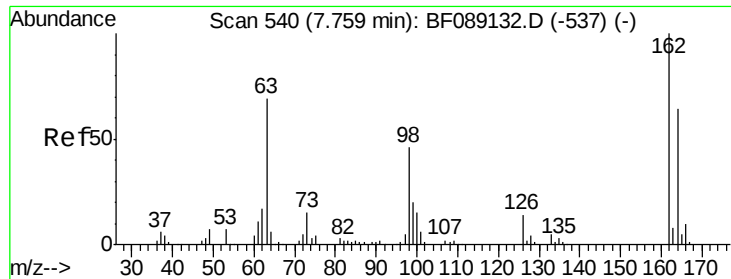


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

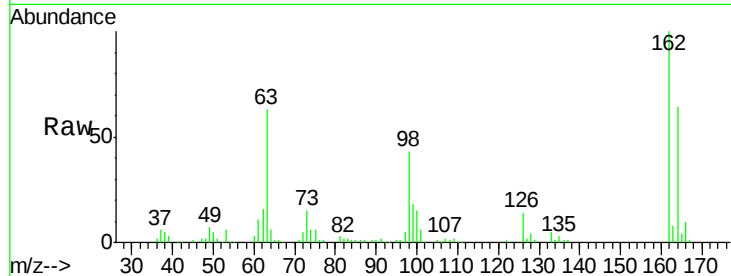




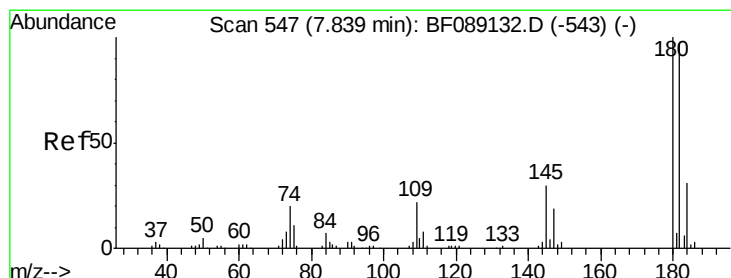
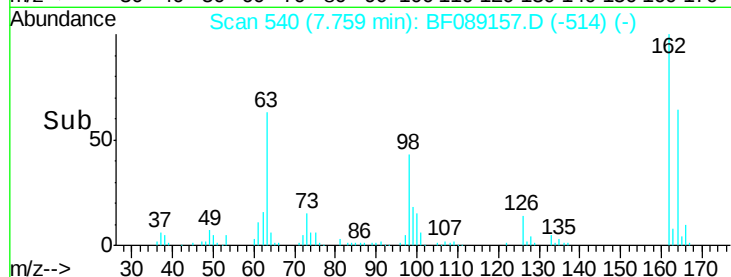
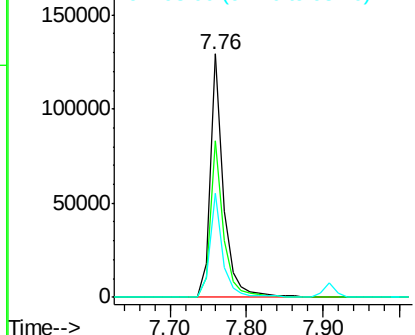
#29
 2,4-Dichlorophenol
 Concen: 47.80 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.0	84.0
98	43.0	26.0	66.0

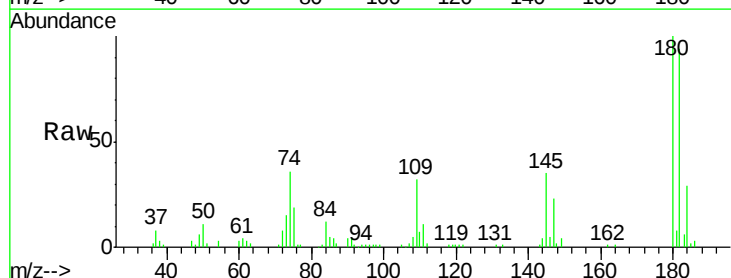


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

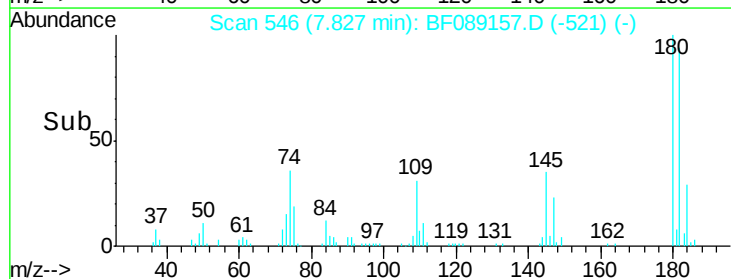
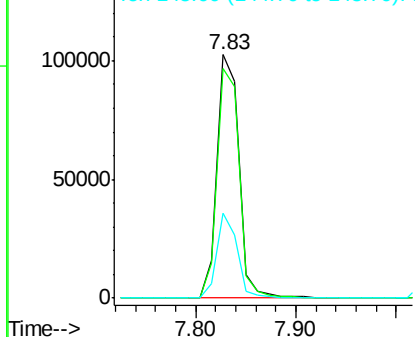


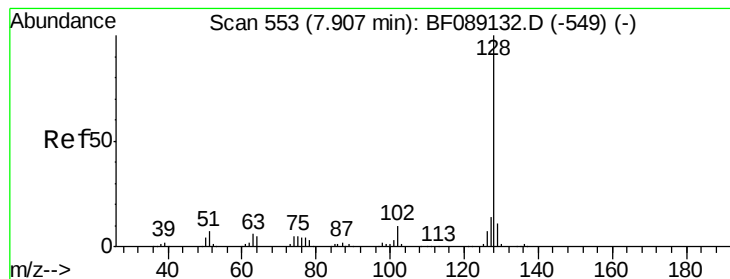
#30
 1,2,4-Trichlorobenzene
 Concen: 44.09 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.6	116.4
145	35.1	24.0	36.0



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: 42.97 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

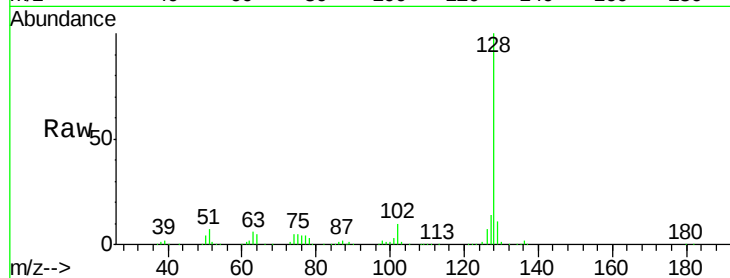
Tgt Ion:128 Resp: 525359

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

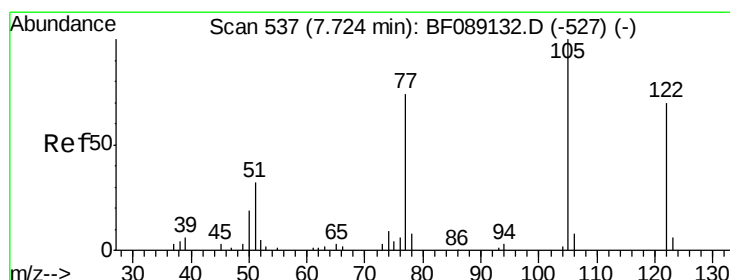
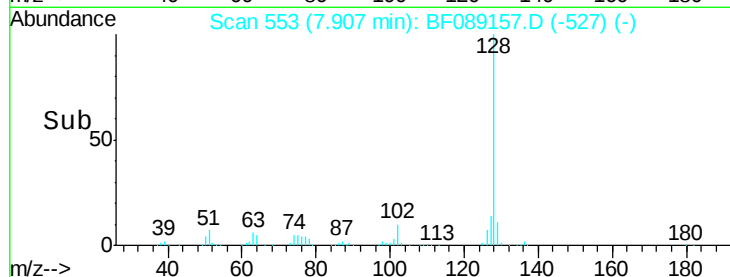
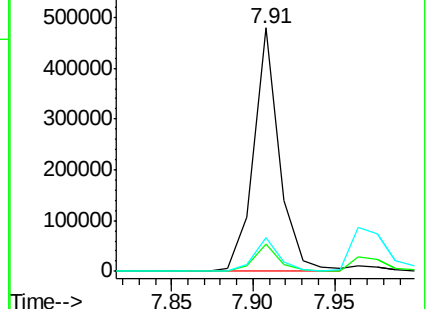
127 13.8 10.8 16.2



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: 12.45 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.03 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

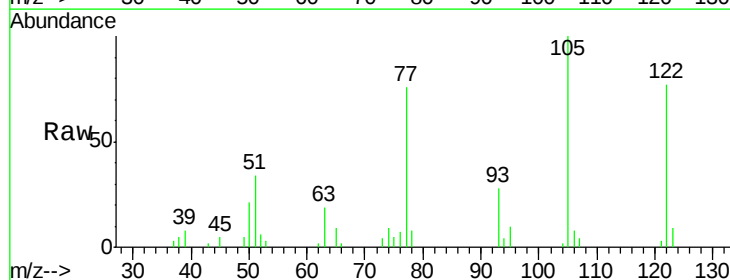
Tgt Ion:122 Resp: 33840

Ion Ratio Lower Upper

122 100

105 130.5 119.0 159.0

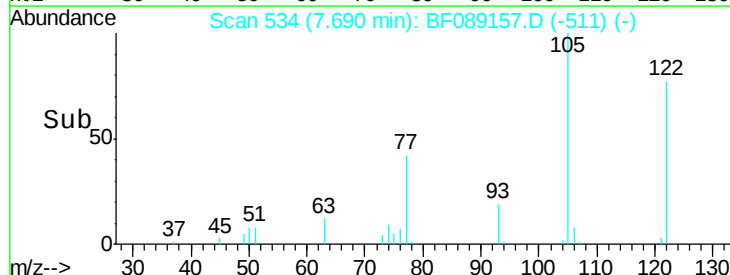
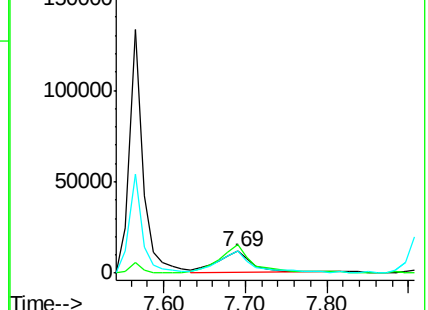
77 99.7 84.7 124.7

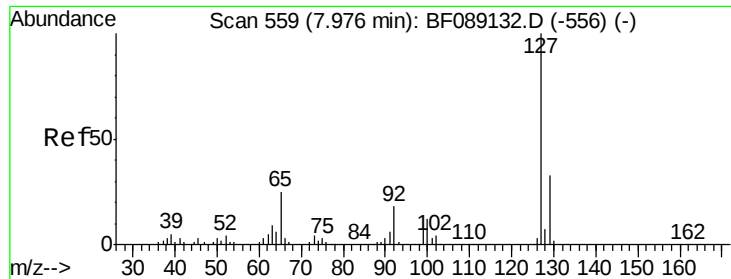


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

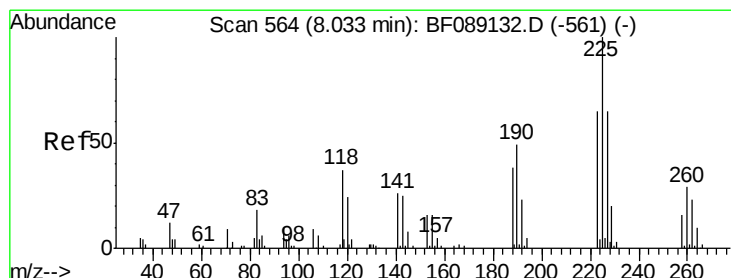
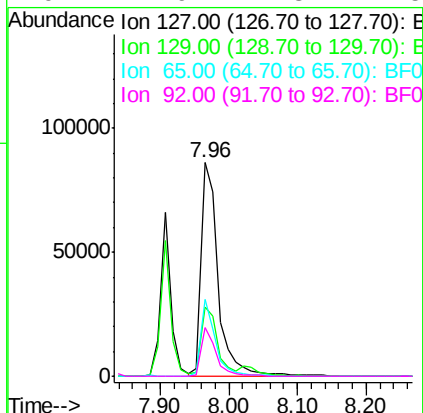
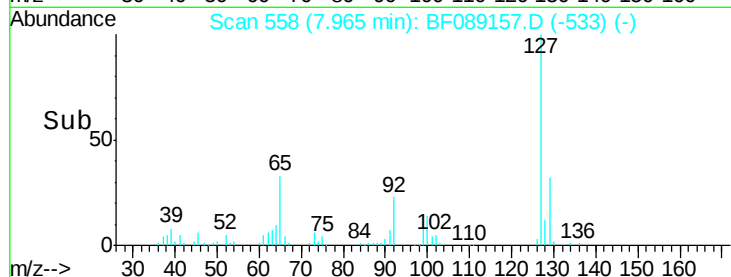
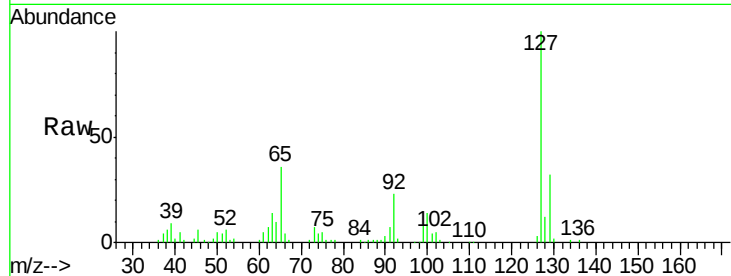




#33
4-Chloroaniline
Concen: 28.59 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

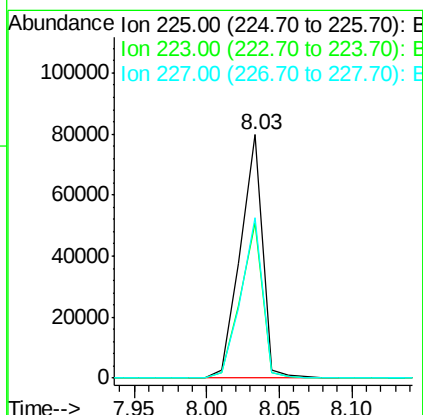
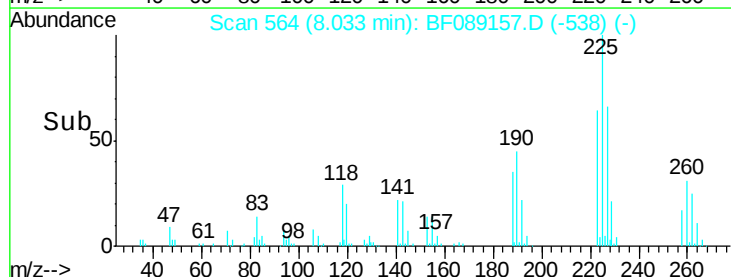
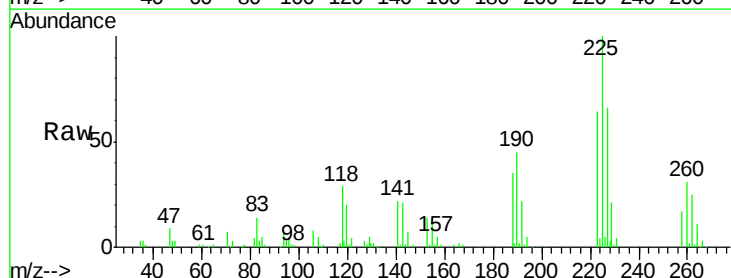
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MS

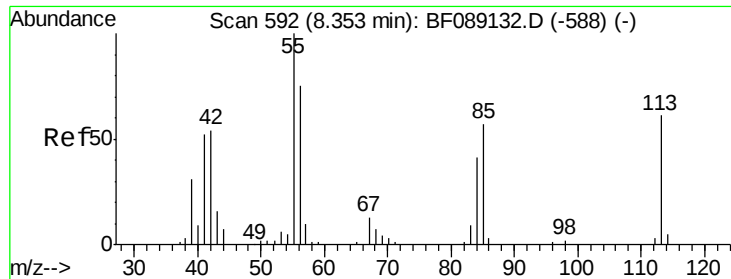
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	35.8	19.7	29.5
92	22.9	14.3	21.5



#34
Hexachlorobutadiene
Concen: 43.15 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.6	77.4
227	65.7	51.6	77.4

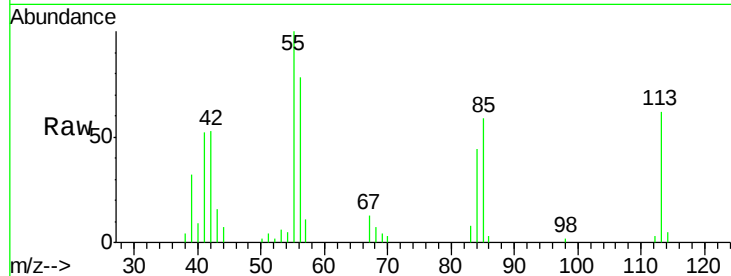




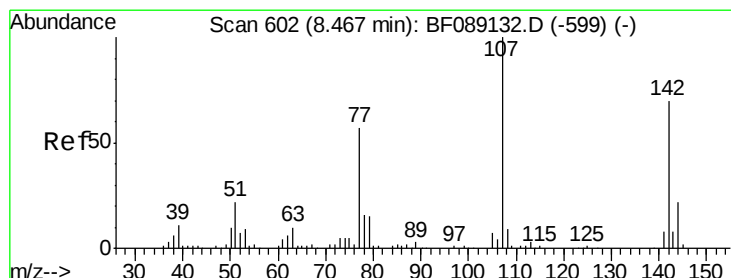
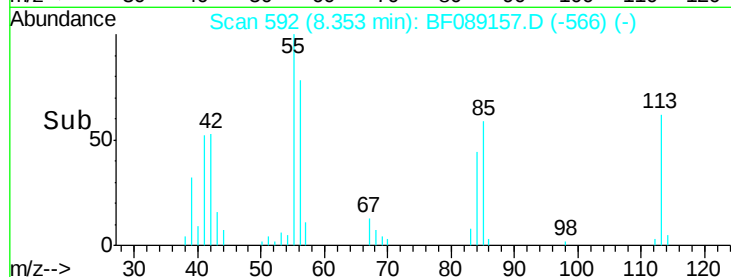
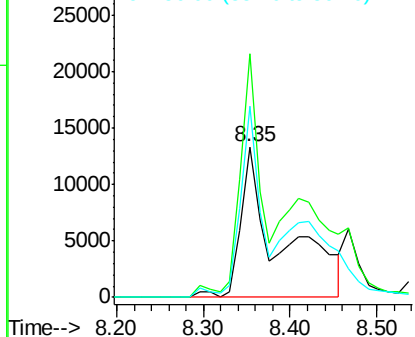
#35
 Caprolactam
 Concen: 43.19 ng m
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion:113 Resp: 42711
 Ion Ratio Lower Upper
 113 100
 55 162.1 145.3 185.3
 56 127.2 104.3 144.3

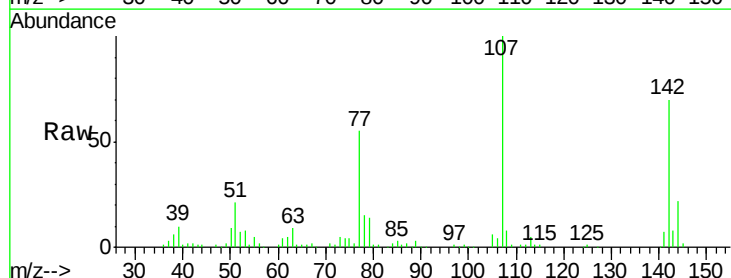


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

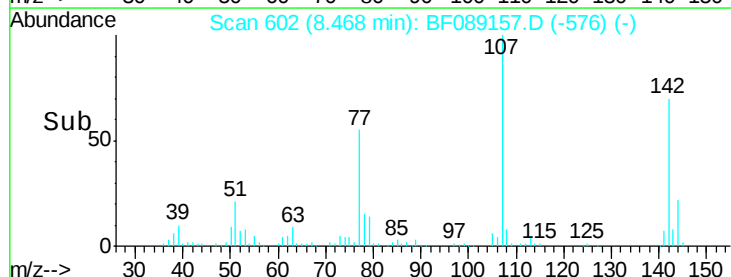
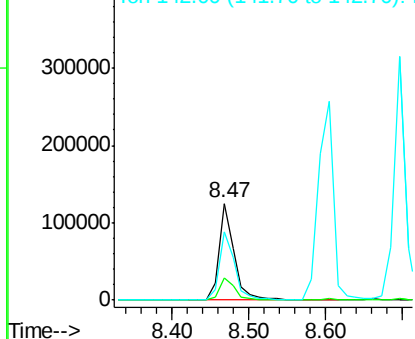


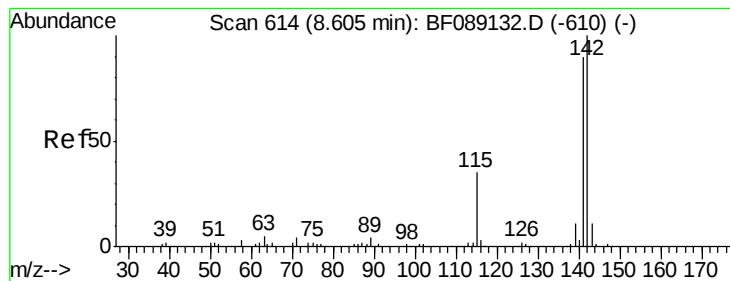
#36
 4-Chloro-3-methylphenol
 Concen: 44.65 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion:107 Resp: 171294
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.8 26.6
 142 70.4 56.1 84.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.60 ng

RT: 8.60 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

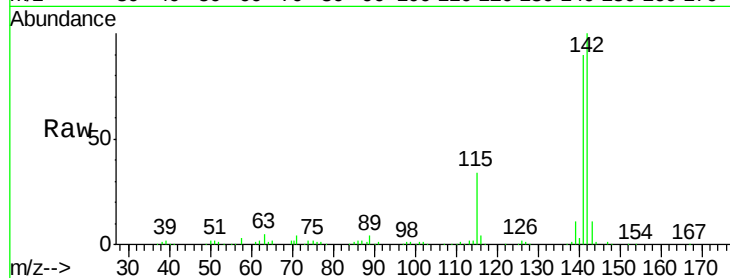
Tgt Ion:142 Resp: 347736

Ion Ratio Lower Upper

142 100

141 90.3 71.6 107.4

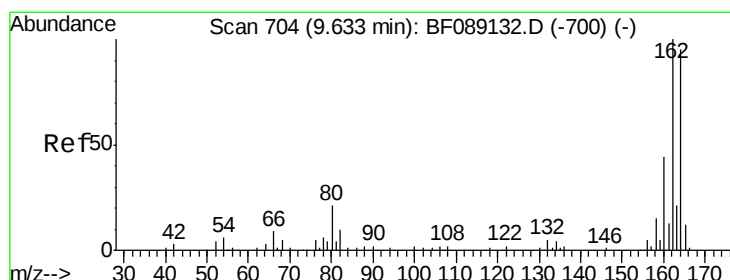
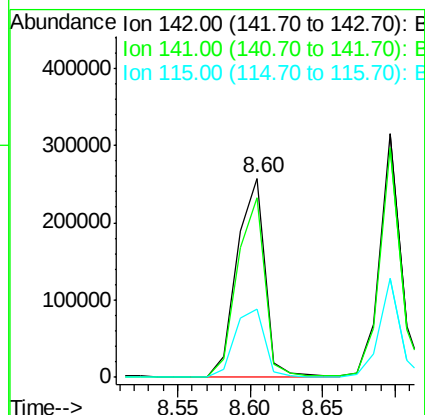
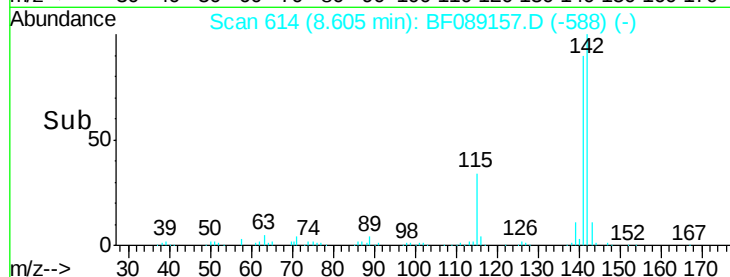
115 34.0 27.6 41.4



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: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

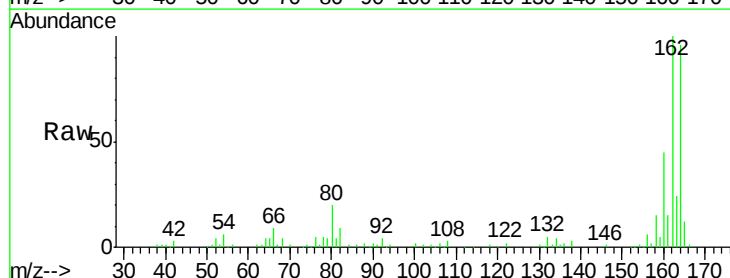
Tgt Ion:164 Resp: 110595

Ion Ratio Lower Upper

164 100

162 104.5 84.1 126.1

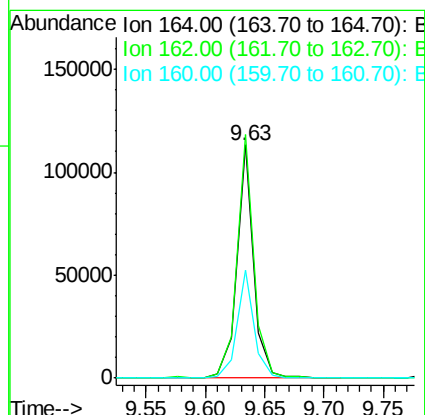
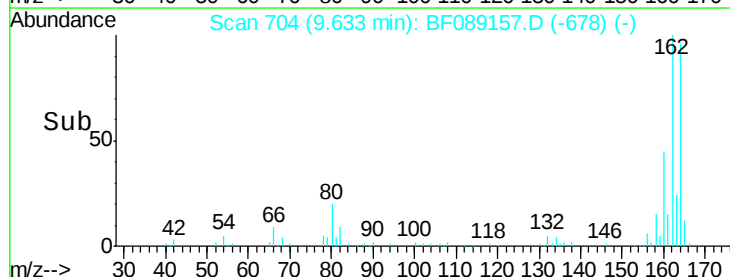
160 46.6 37.1 55.7

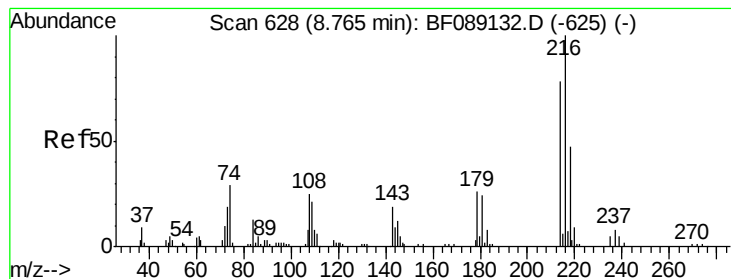


Abundance Ion 164.00 (163.70 to 164.70): E

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: 34.89 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

Tgt Ion:216 Resp: 143425

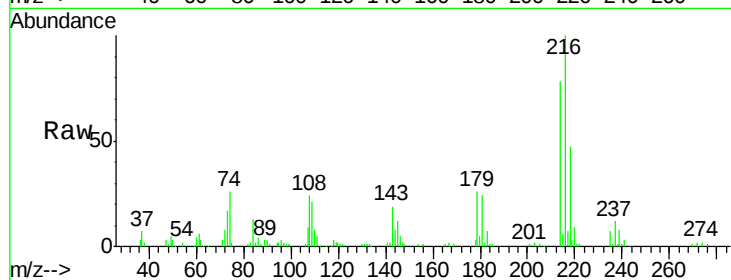
Ion Ratio Lower Upper

216 100

214 77.8 61.9 92.9

179 23.7 18.4 27.6

108 23.4 17.0 25.6

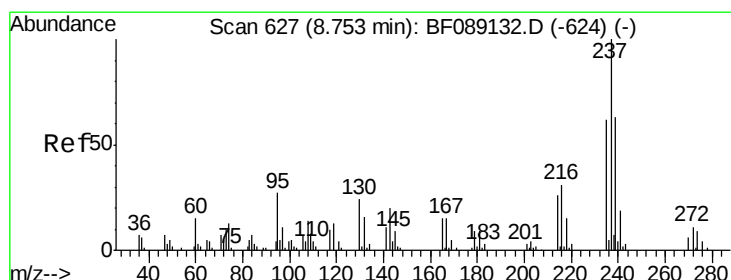
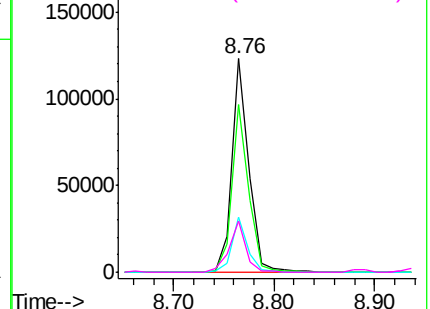
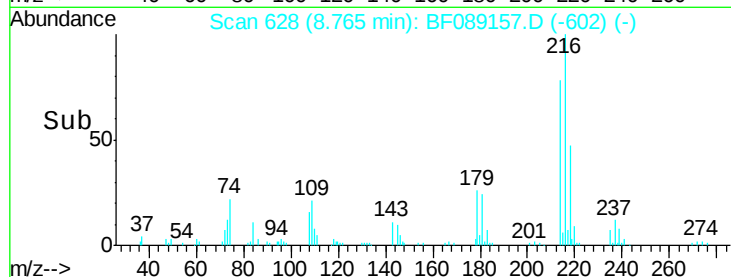


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.99 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

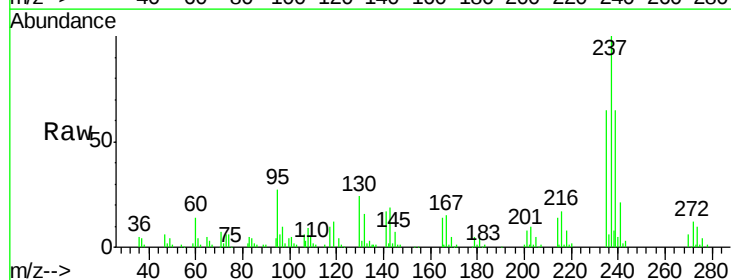
Tgt Ion:237 Resp: 111623

Ion Ratio Lower Upper

237 100

235 64.6 42.1 82.1

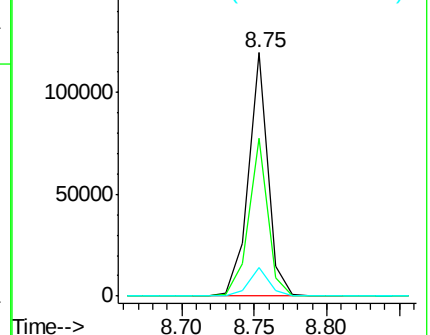
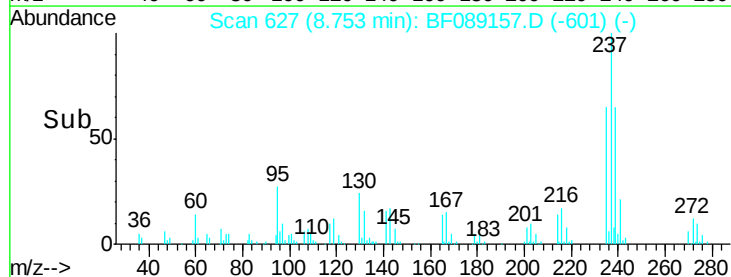
272 11.8 0.0 31.4

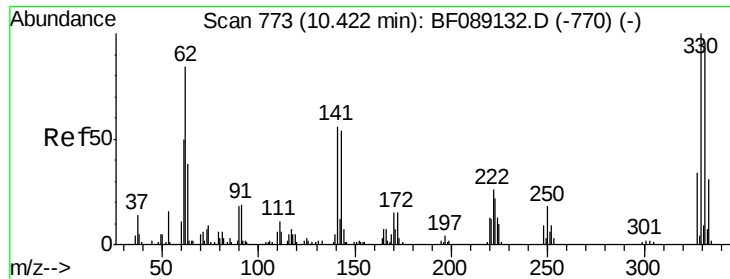


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

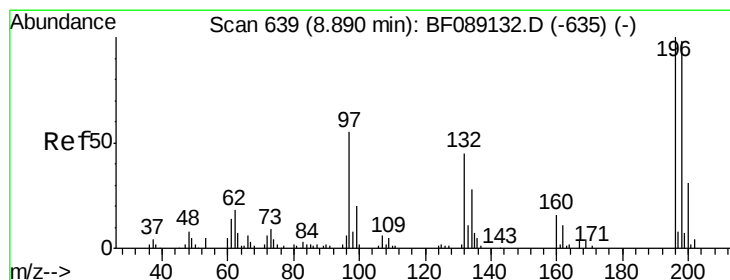
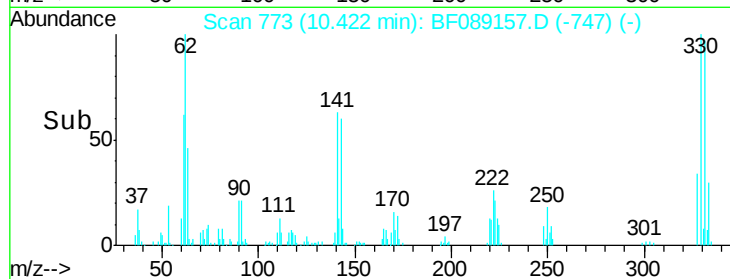
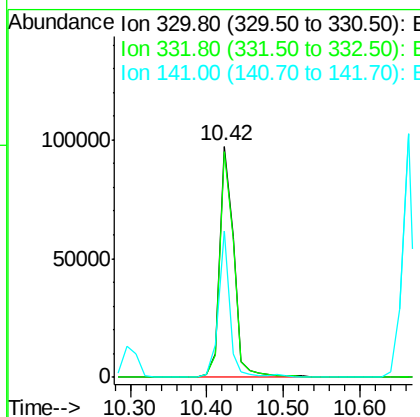
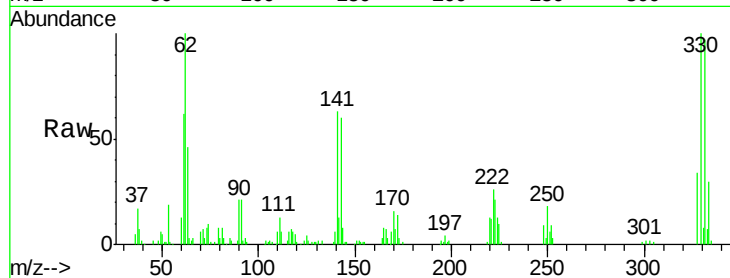




#41
 2,4,6-Tribromophenol
 Concen: 127.05 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

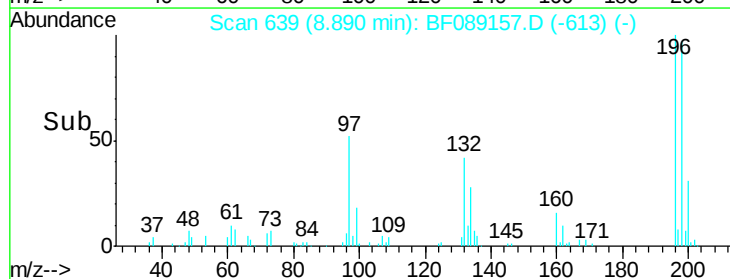
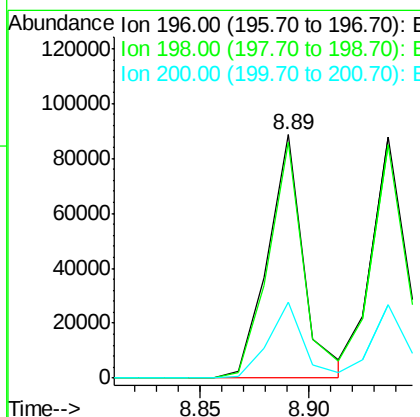
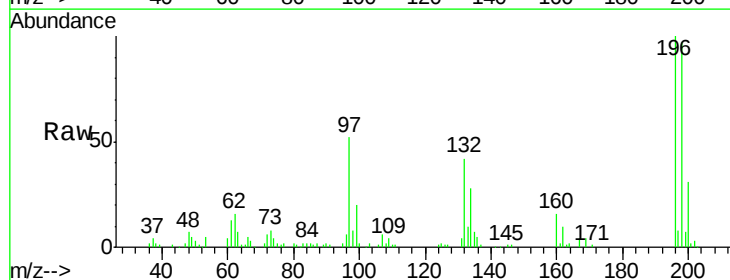
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

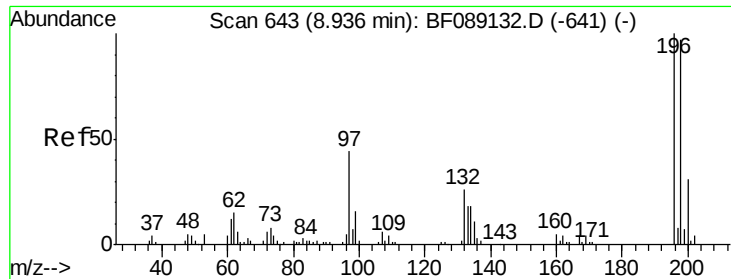
Tgt Ion:330 Resp: 126504
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.2 115.8
 141 49.4 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.31 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion:196 Resp: 101943
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.3 117.5
 200 31.3 25.0 37.4

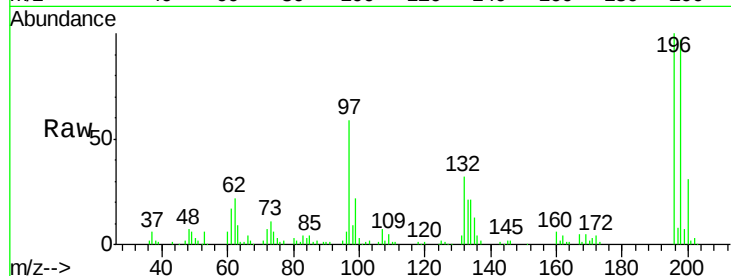




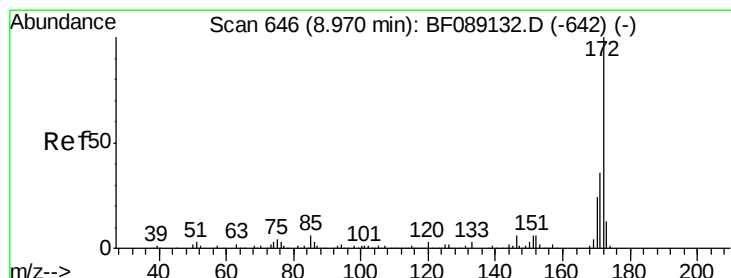
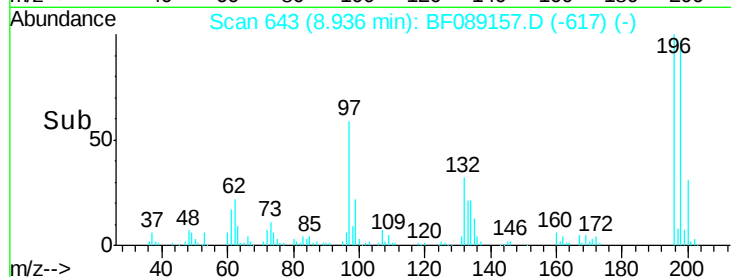
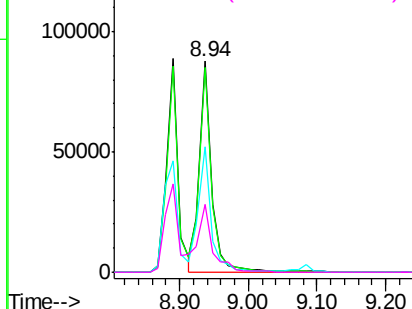
#43
 2,4,5-Trichlorophenol
 Concen: 46.98 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.6	116.4
97	59.2	36.5	54.7#
132	32.0	21.2	31.8#

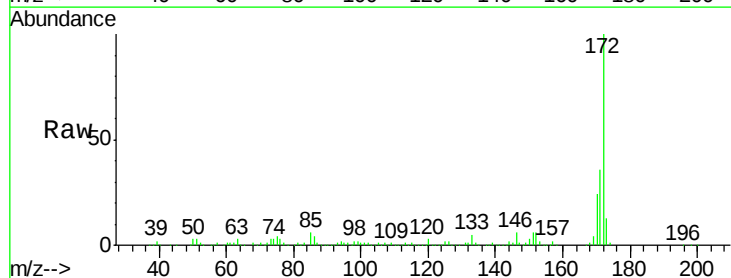


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

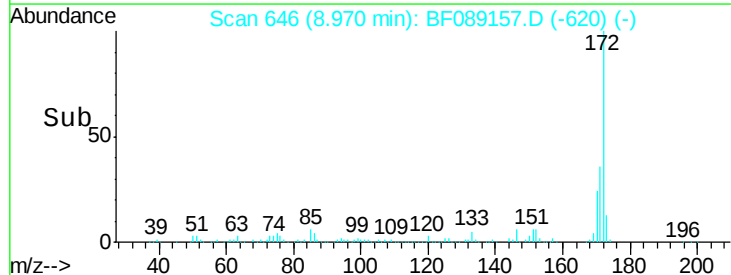
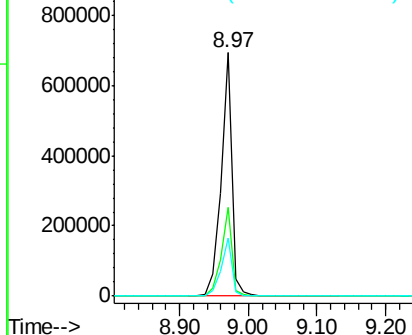


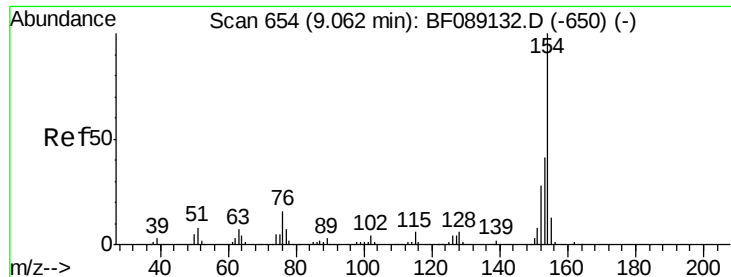
#44
 2-Fluorobiphenyl
 Concen: 96.46 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.9	19.1	28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

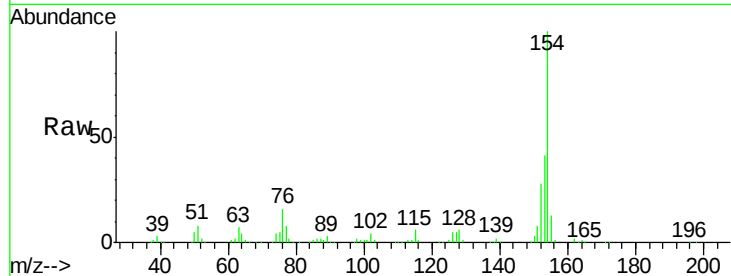




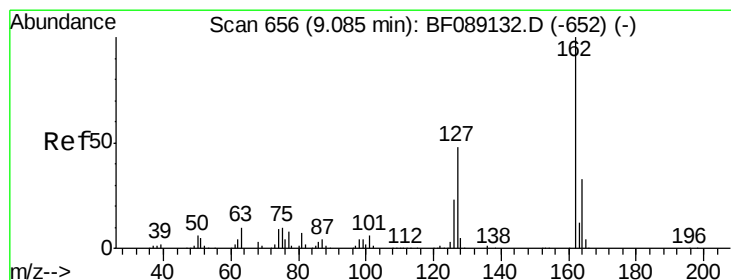
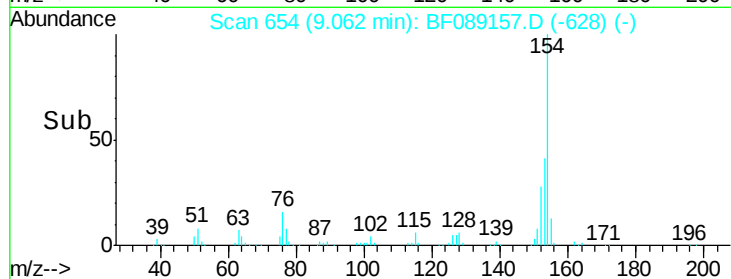
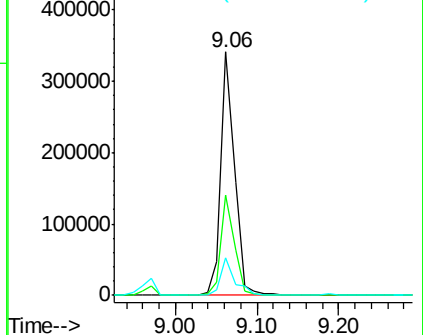
#45
 1,1'-Biphenyl
 Concen: 39.68 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion:154 Resp: 395173
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.1 61.1
 76 15.5 0.0 35.8

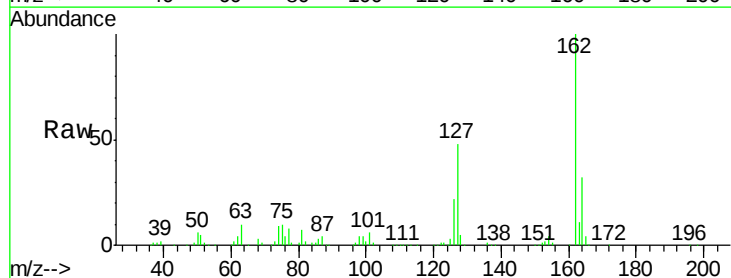


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

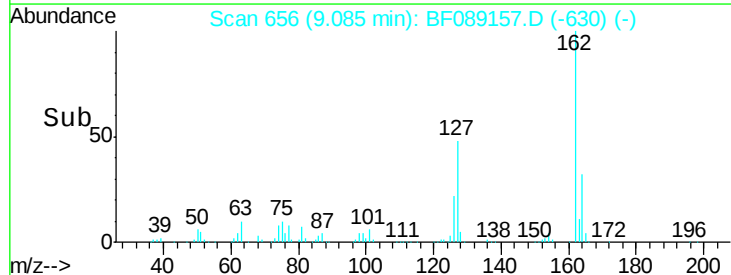
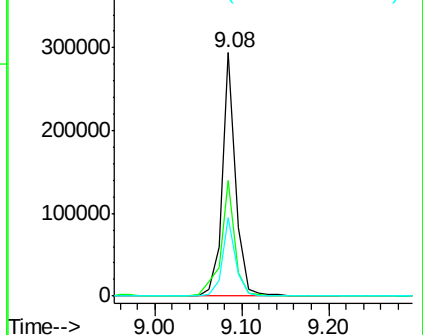


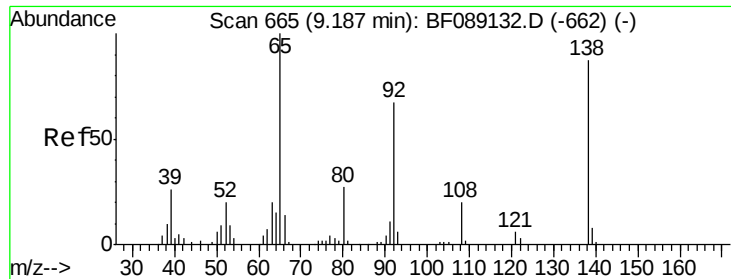
#46
 2-Chloronaphthalene
 Concen: 41.95 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion:162 Resp: 317461
 Ion Ratio Lower Upper
 162 100
 127 47.6 38.1 57.1
 164 32.4 26.1 39.1



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

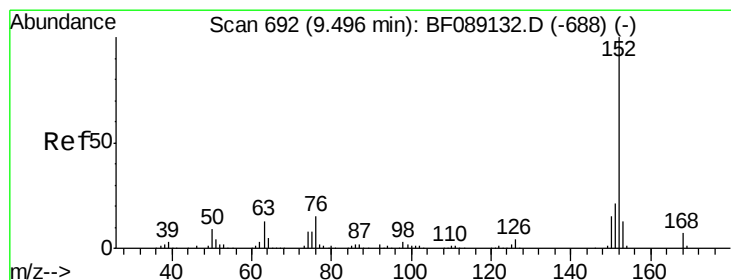
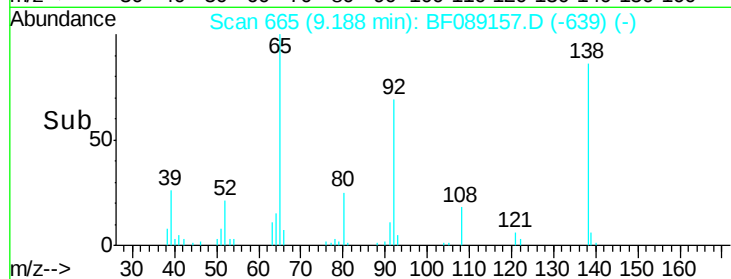
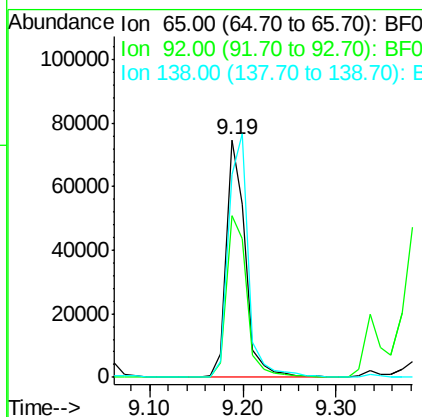
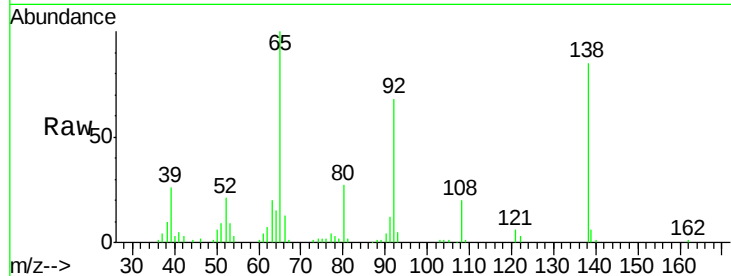




#47
 2-Nitroaniline
 Concen: 40.73 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

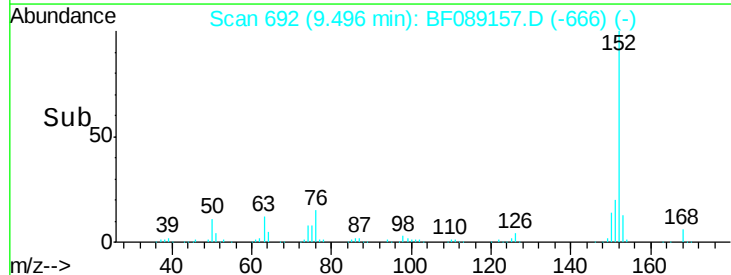
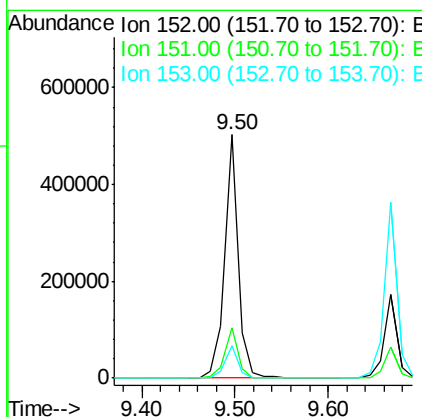
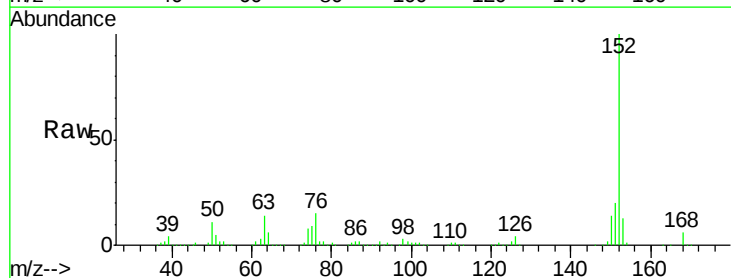
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

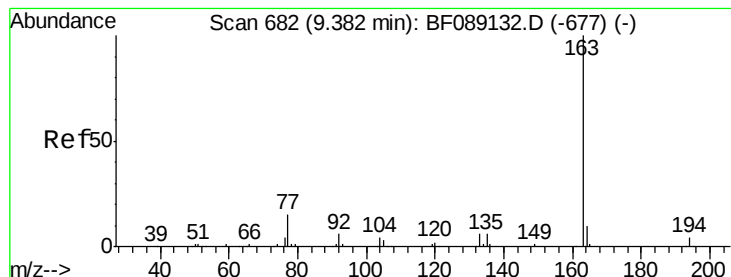
Tgt Ion: 65 Resp: 105751
 Ion Ratio Lower Upper
 65 100
 92 67.9 53.2 79.8
 138 85.1 69.4 104.2



#48
 Acenaphthylene
 Concen: 42.81 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion: 152 Resp: 509426
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.5 24.7
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 61.14 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

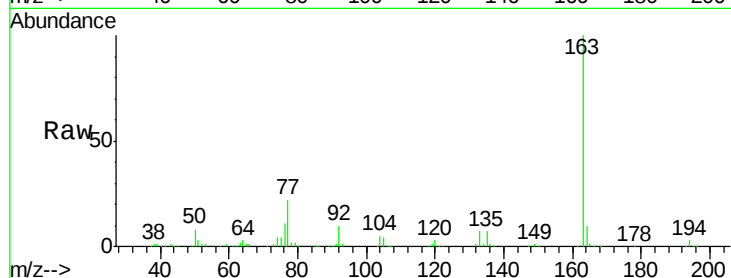
Tgt Ion:163 Resp: 518889

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

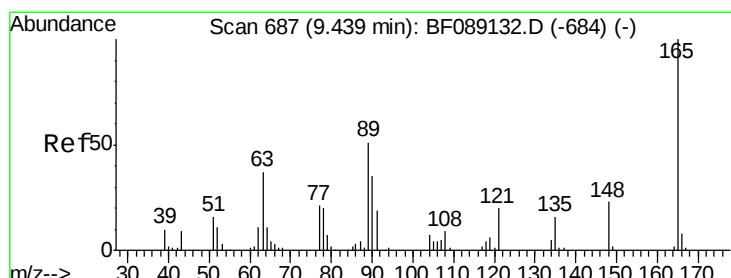
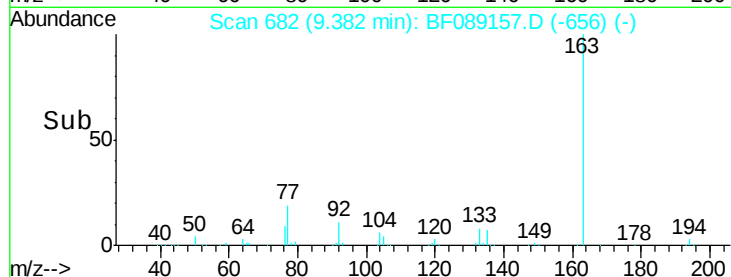
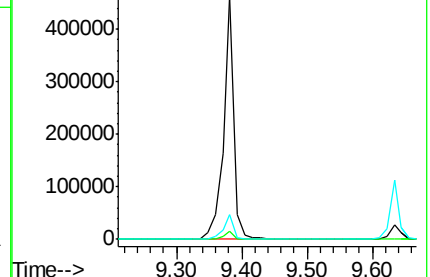
164 10.1 7.6 11.4



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: 46.36 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

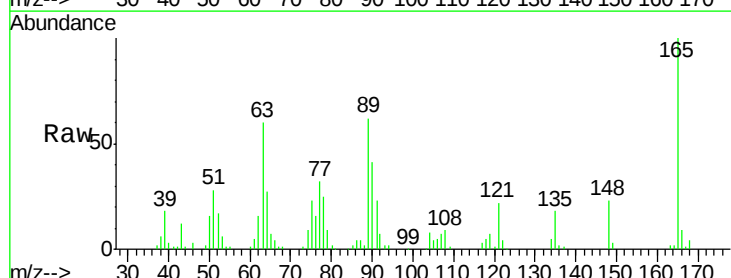
Tgt Ion:165 Resp: 88818

Ion Ratio Lower Upper

165 100

63 60.4 37.0 55.4#

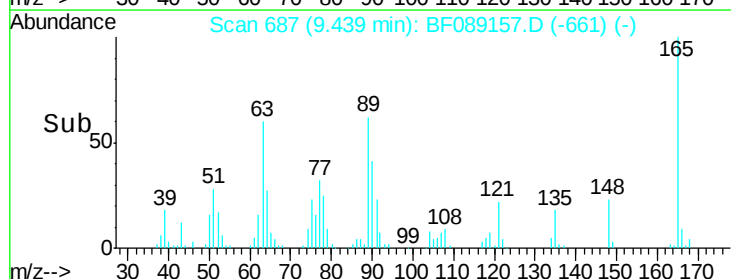
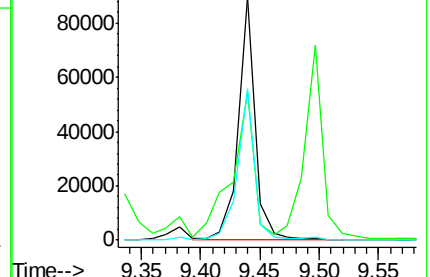
89 62.0 40.9 61.3#

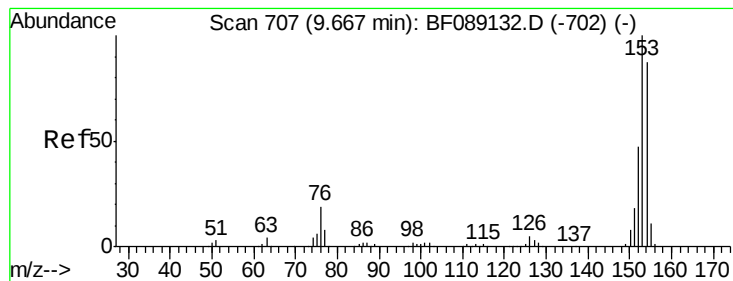


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.48 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

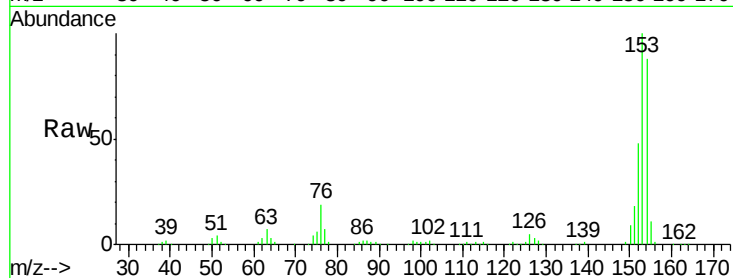
Tgt Ion:154 Resp: 306080

Ion Ratio Lower Upper

154 100

153 113.3 91.9 137.9

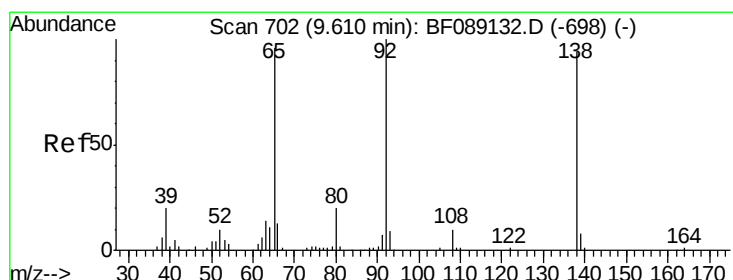
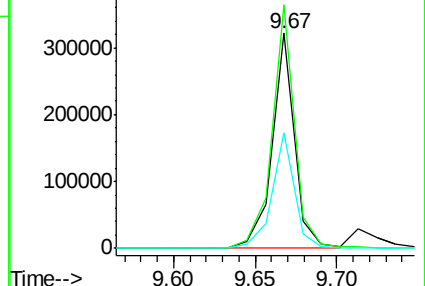
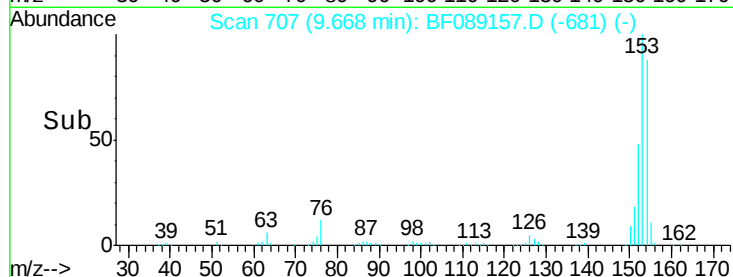
152 54.0 42.8 64.2



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: 32.46 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

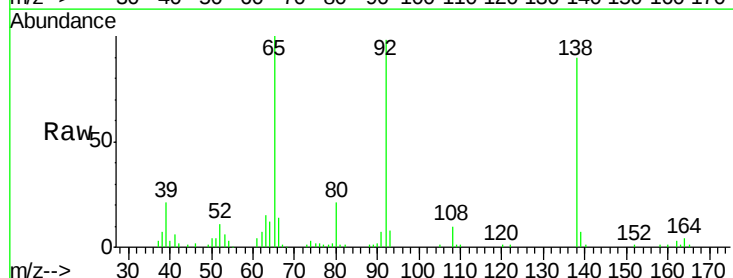
Tgt Ion:138 Resp: 73869

Ion Ratio Lower Upper

138 100

108 10.6 8.8 13.2

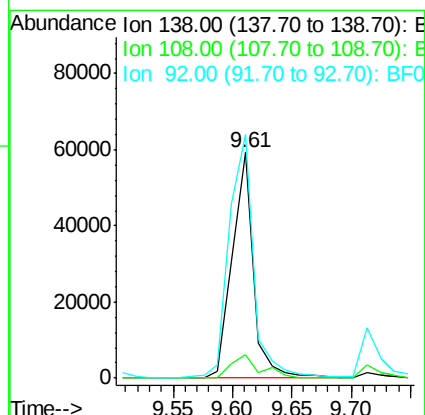
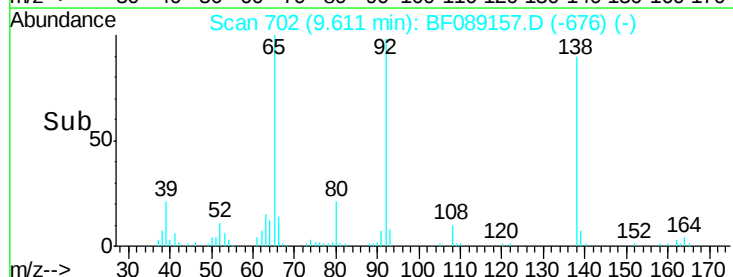
92 108.1 85.3 127.9

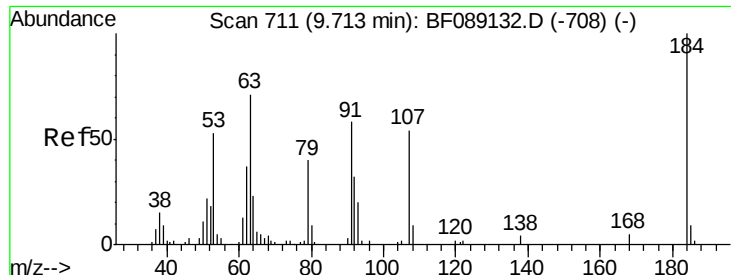


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

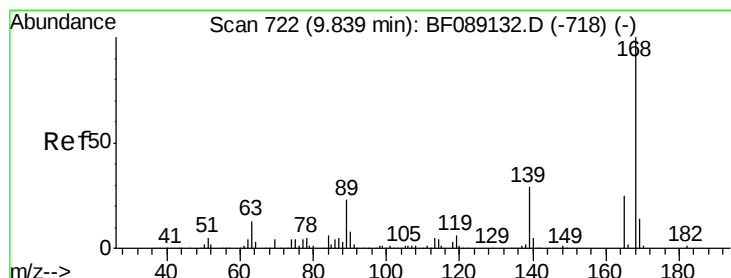
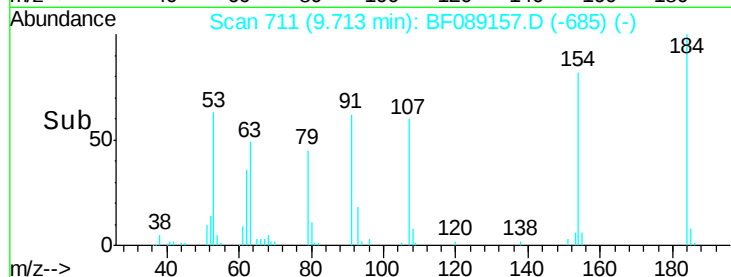
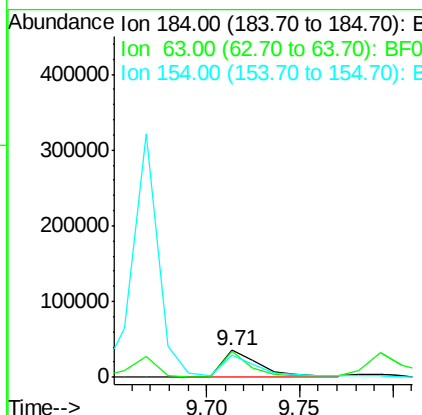
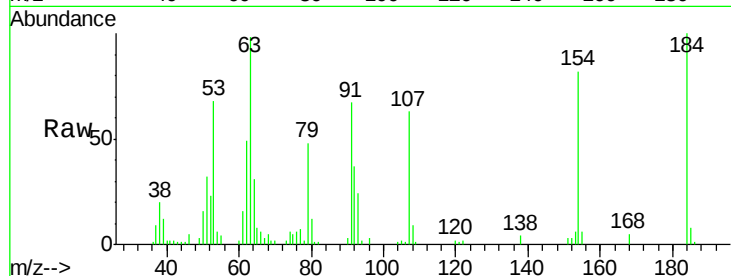




#53
 2,4-Dinitrophenol
 Concen: 54.77 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

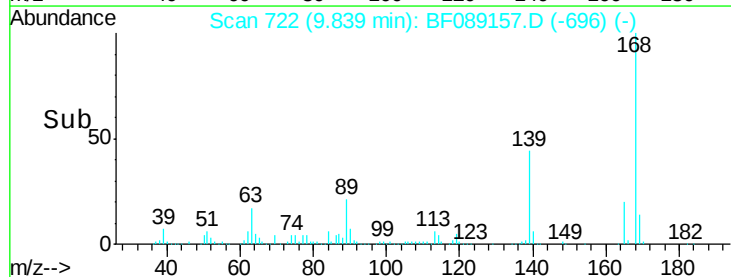
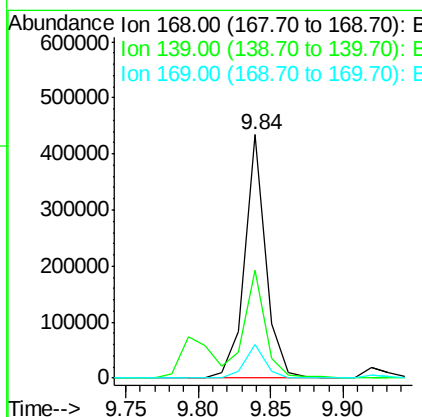
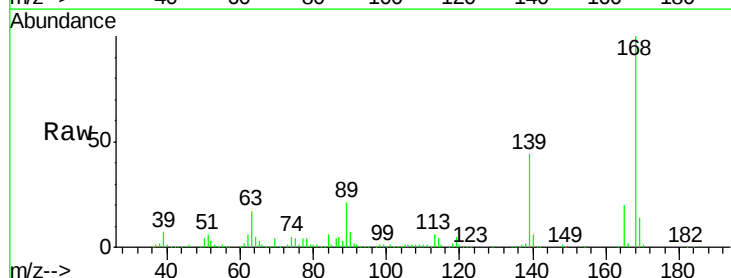
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

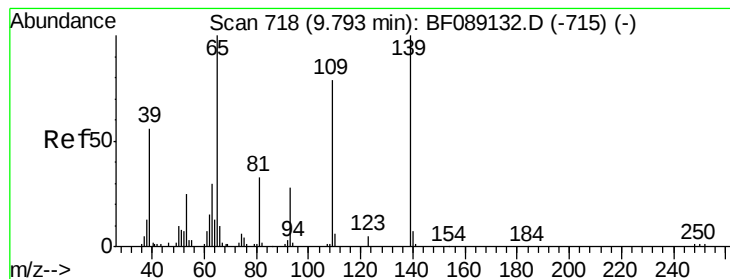
Tgt Ion:184 Resp: 50573
 Ion Ratio Lower Upper
 184 100
 63 97.8 60.3 90.5#
 154 82.2 60.7 91.1



#54
 Dibenzofuran
 Concen: 46.28 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion:168 Resp: 440195
 Ion Ratio Lower Upper
 168 100
 139 44.2 34.4 51.6
 169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 79.83 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

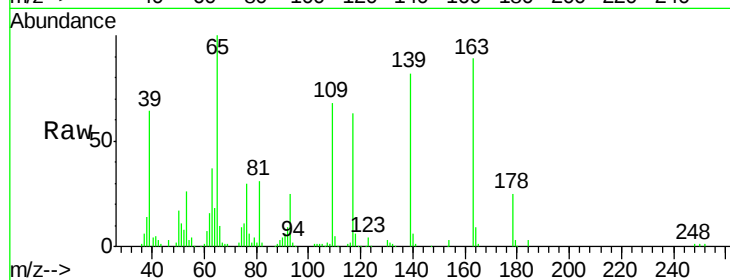
Tgt Ion:139 Resp: 109901

Ion Ratio Lower Upper

139 100

109 83.6 58.7 98.7

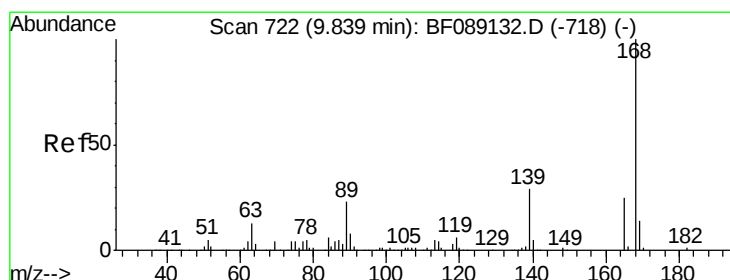
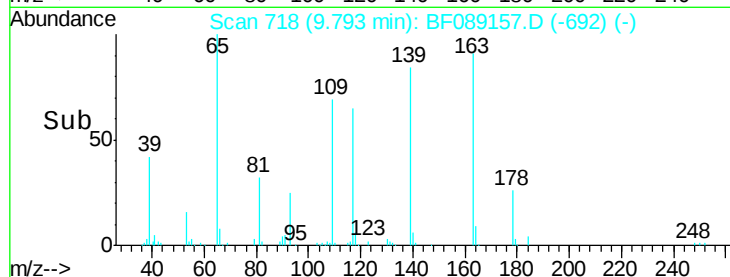
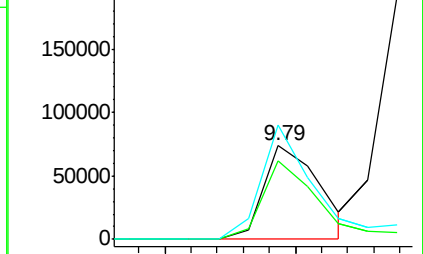
65 122.1 80.2 120.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.86 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Tgt Ion:165 Resp: 108257

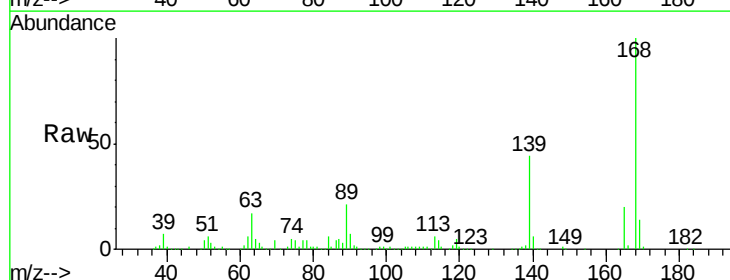
Ion Ratio Lower Upper

165 100

63 86.5 55.4 83.2#

89 106.0 74.3 111.5

182 2.4 2.0 3.0

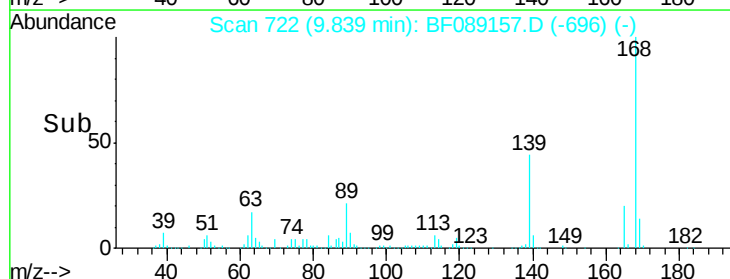
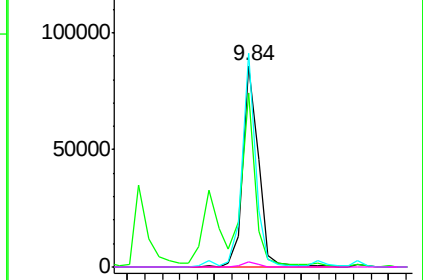


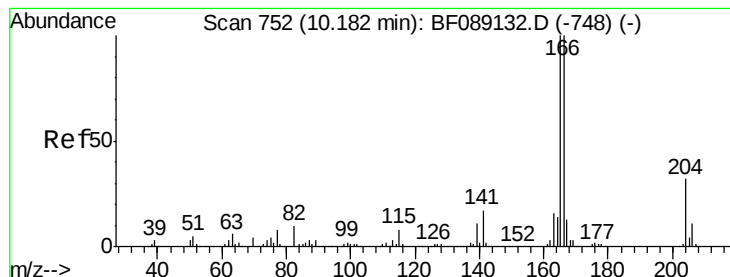
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.31 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

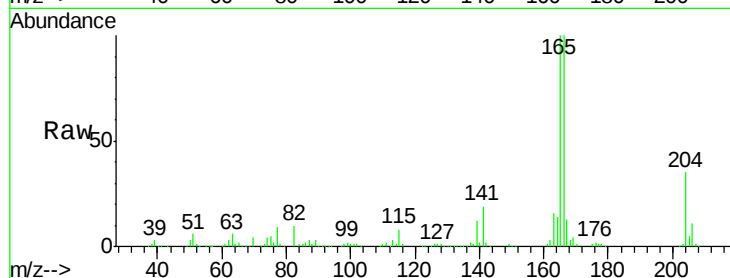
Tgt Ion:166 Resp: 381932

Ion Ratio Lower Upper

166 100

165 99.6 79.9 119.9

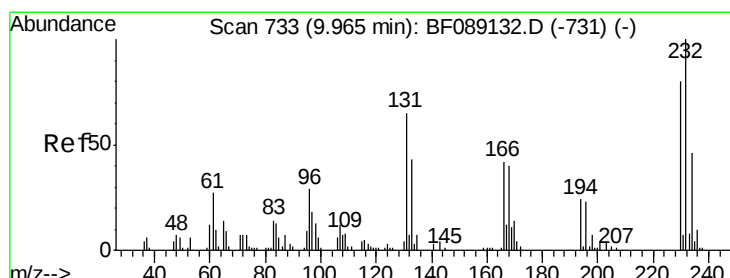
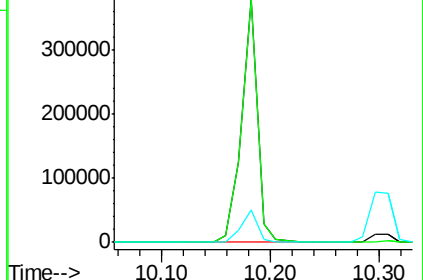
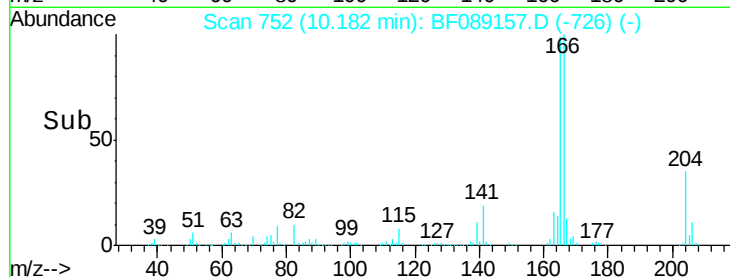
167 13.4 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.24 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Tgt Ion:232 Resp: 83325

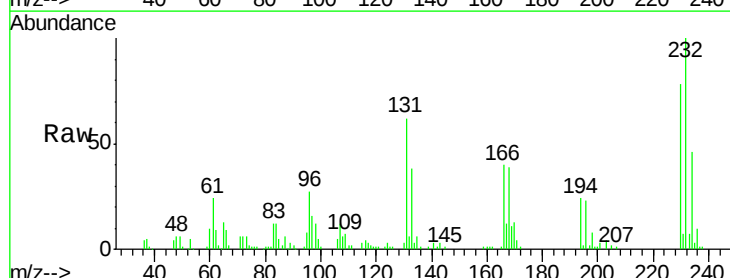
Ion Ratio Lower Upper

232 100

131 59.7 46.2 69.2

130 2.8 2.3 3.5

166 36.5 29.5 44.3

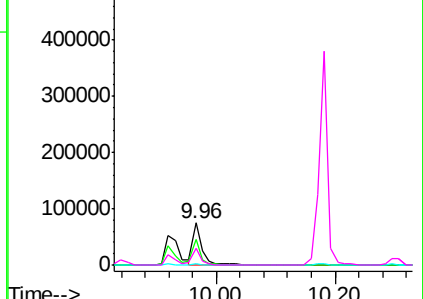
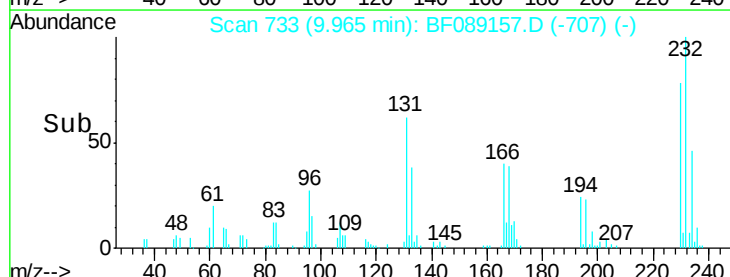


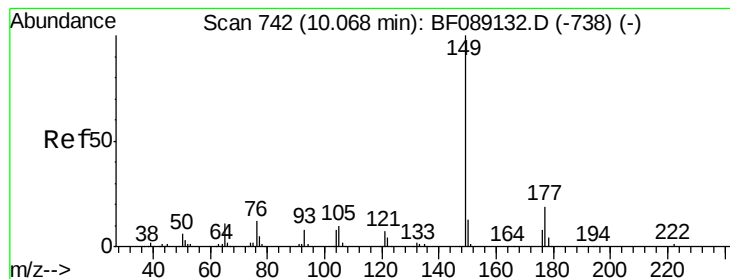
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.02 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

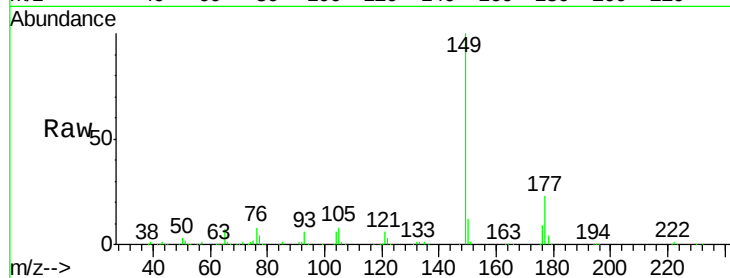
Tgt Ion:149 Resp: 395665

Ion Ratio Lower Upper

149 100

177 23.0 15.6 23.4

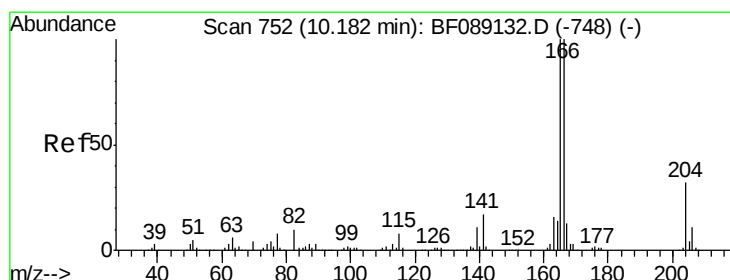
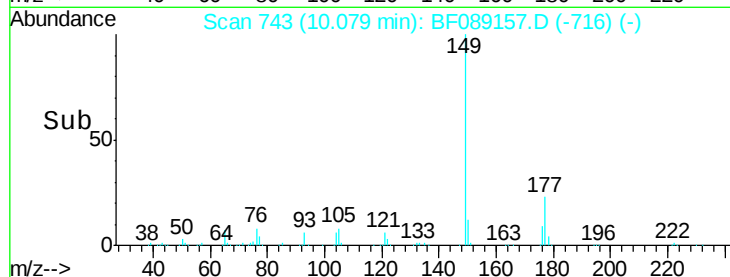
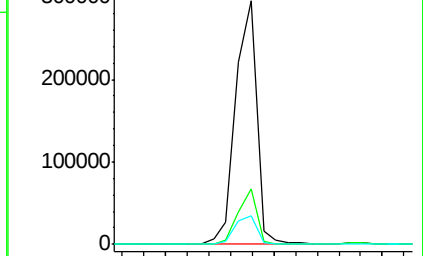
150 11.9 10.1 15.1



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: 43.24 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

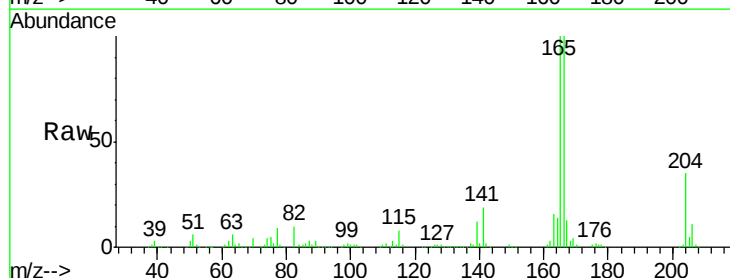
Tgt Ion:204 Resp: 159382

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.4

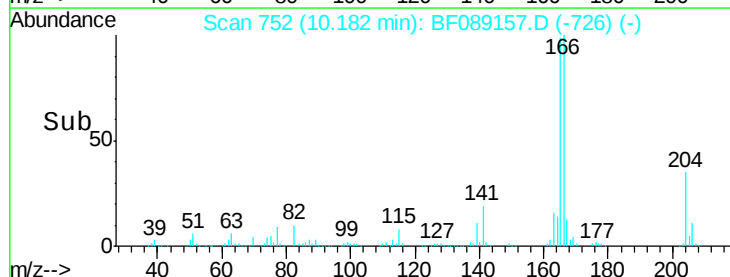
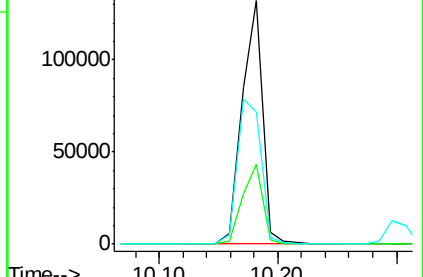
141 54.4 42.2 63.4

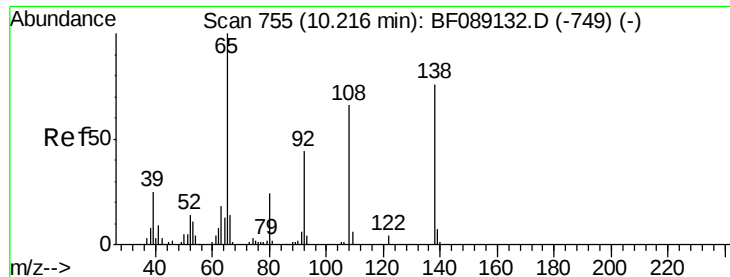


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

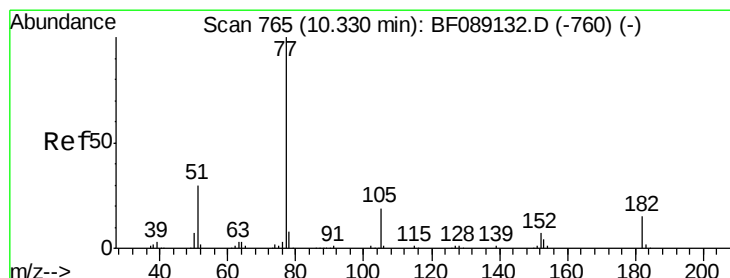
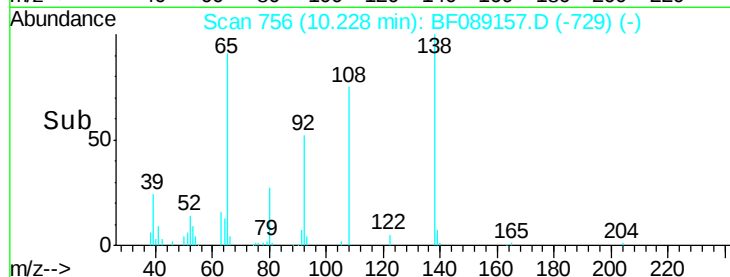
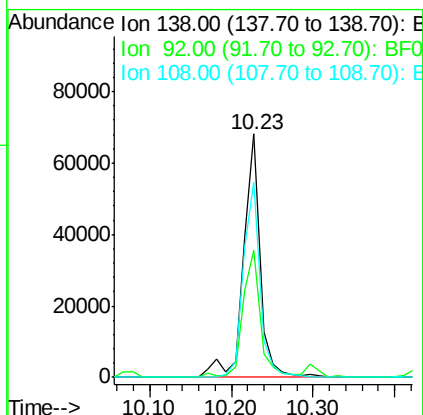
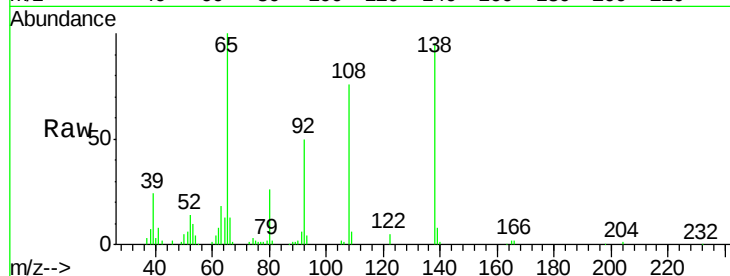




#61
4-Nitroaniline
Concen: 43.84 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

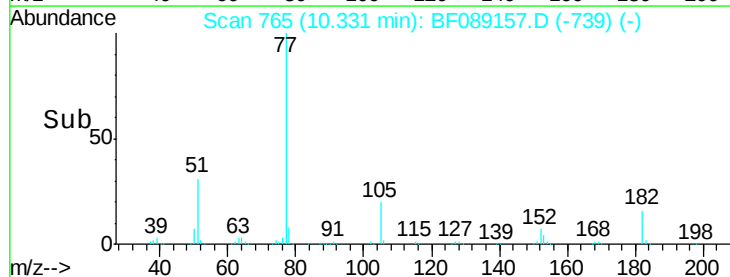
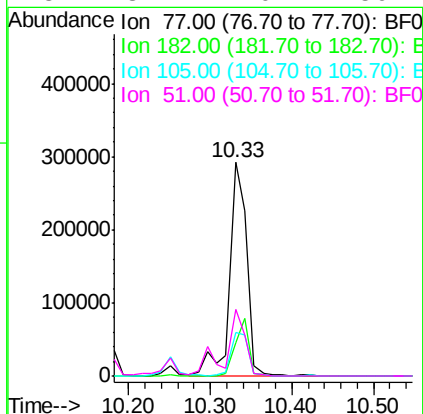
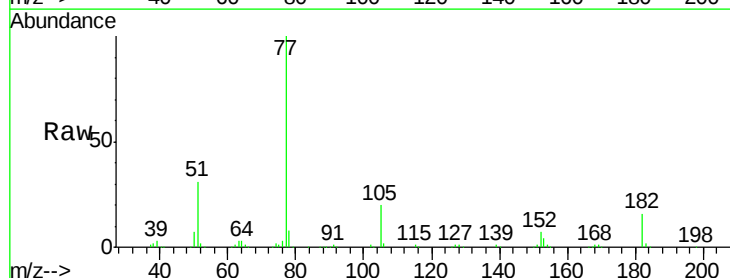
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MS

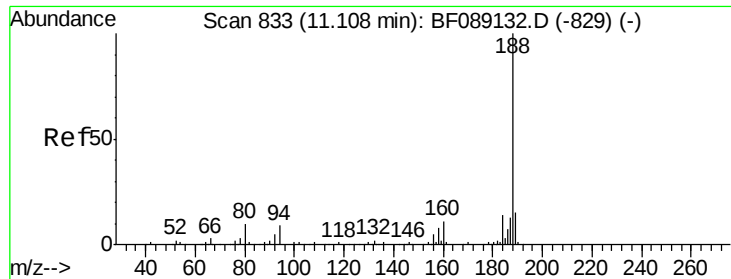
Tgt Ion: 138 Resp: 97050
Ion Ratio Lower Upper
138 100
92 52.1 37.2 77.2
108 80.2 66.1 106.1



#62
Azobenzene
Concen: 46.88 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Tgt Ion: 77 Resp: 428721
Ion Ratio Lower Upper
77 100
182 15.8 0.0 35.0
105 20.4 0.0 39.4
51 31.1 10.7 50.7

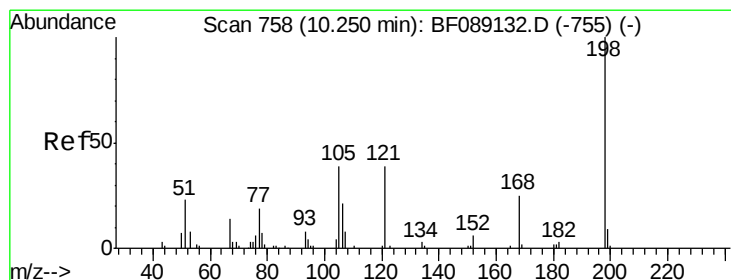
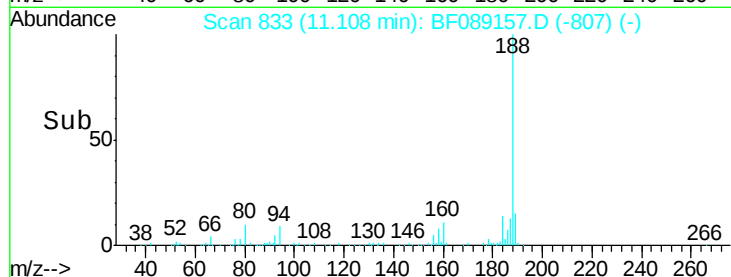
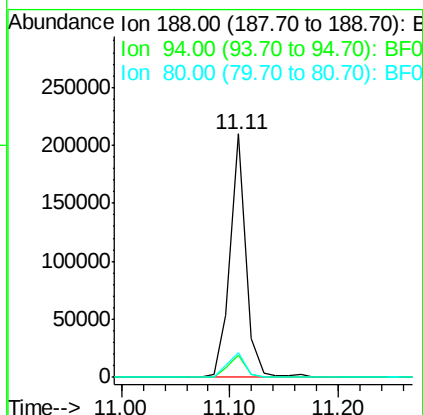
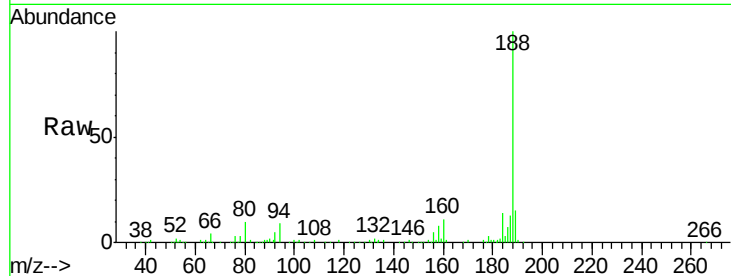




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

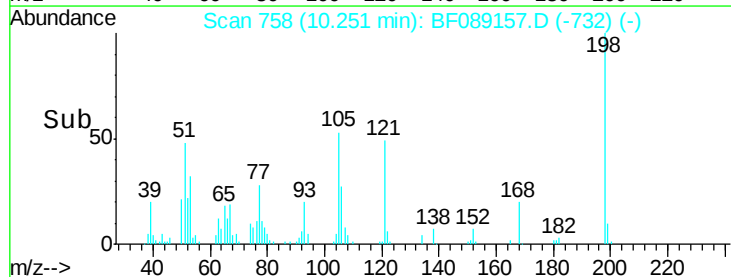
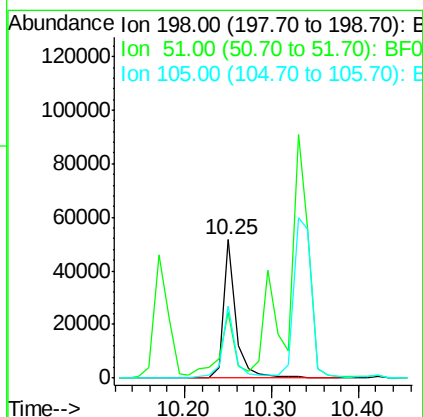
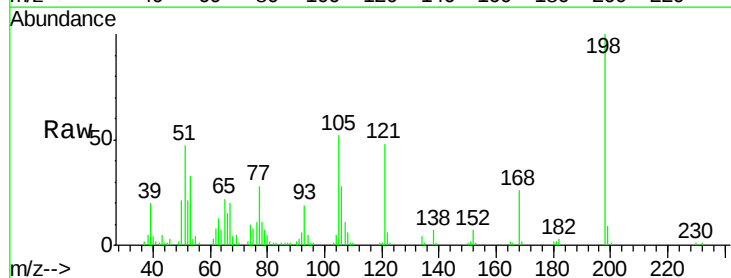
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MS

Tgt Ion:188 Resp: 210881
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.1 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 42.57 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Tgt Ion:198 Resp: 52262
Ion Ratio Lower Upper
198 100
51 47.2 11.7 51.7
105 51.9 20.3 60.3





#65

n-Nitrosodiphenylamine

Concen: 45.46 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

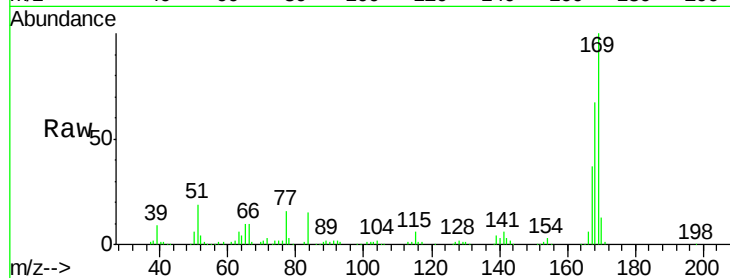
Tgt Ion:169 Resp: 320374

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

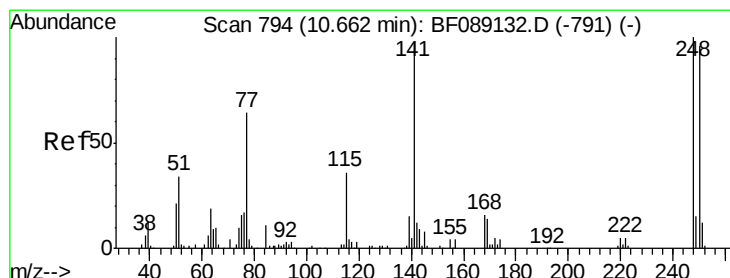
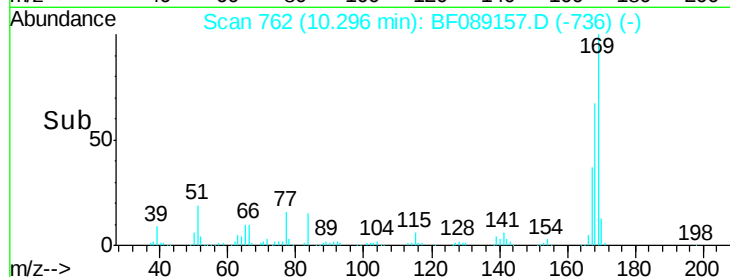
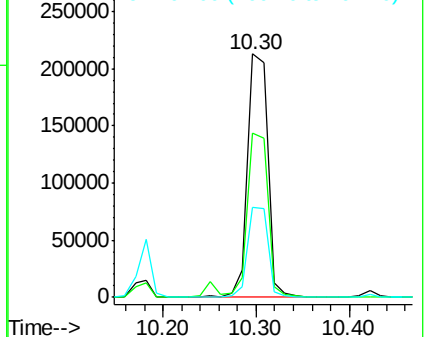
167 36.9 29.5 44.3



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: 47.14 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

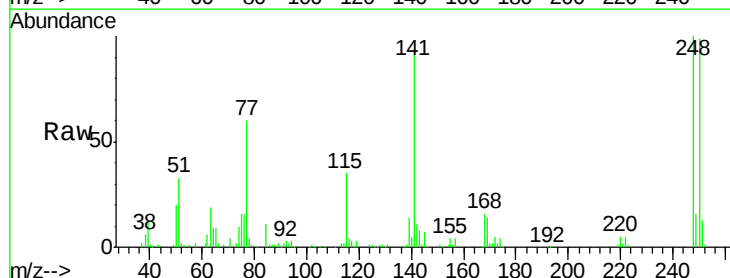
Tgt Ion:248 Resp: 98376

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

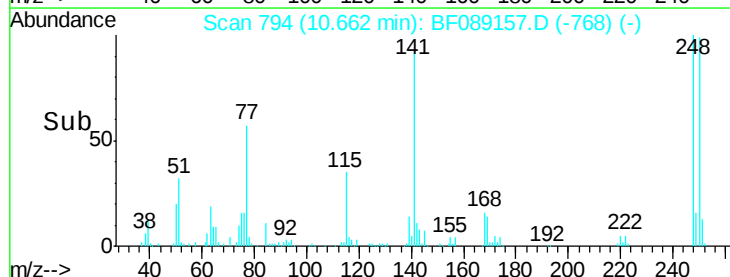
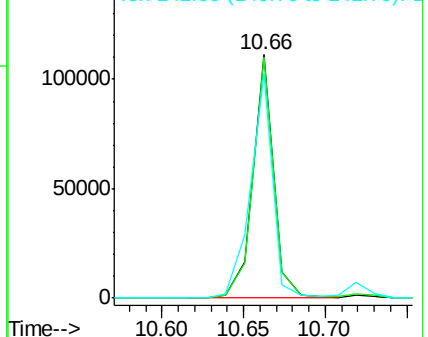
141 92.1 77.4 116.2

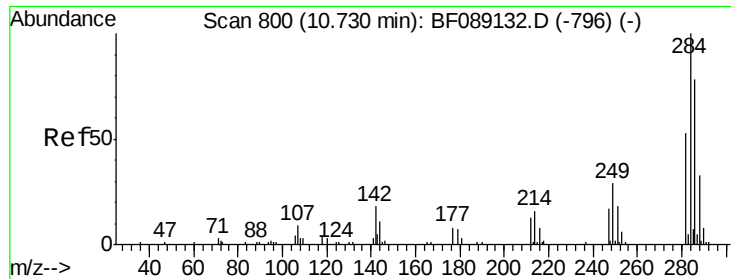


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

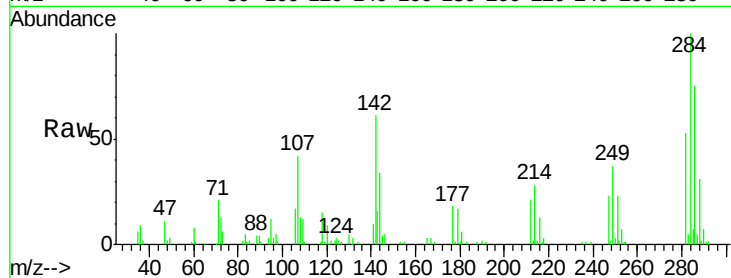




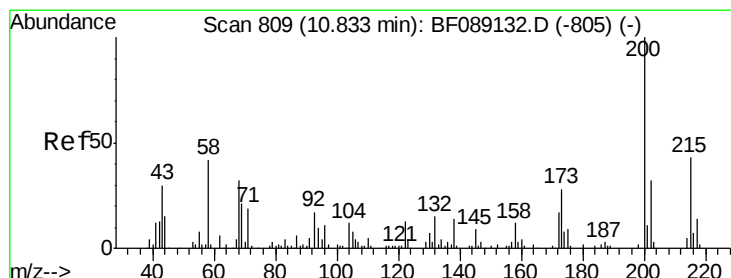
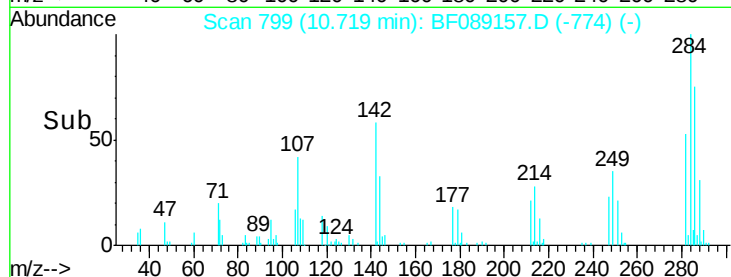
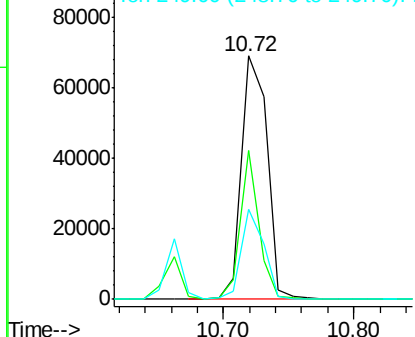
#67
Hexachlorobenzene
Concen: 41.91 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MS

Tgt Ion:284 Resp: 94068
Ion Ratio Lower Upper
284 100
142 61.2 14.1 21.1#
249 36.8 23.0 34.4#

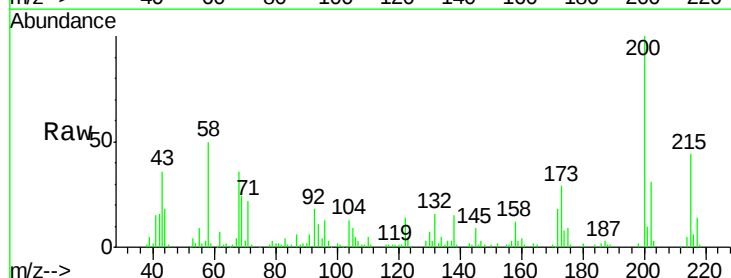


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

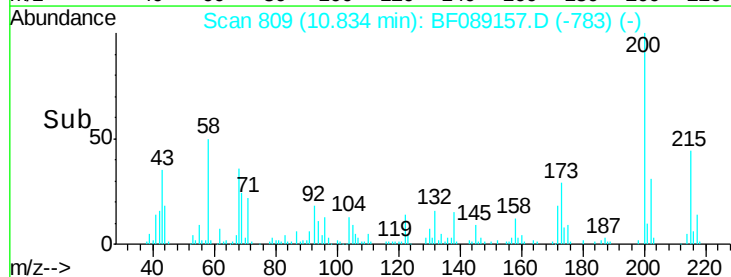
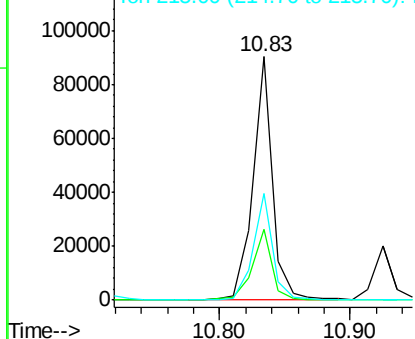


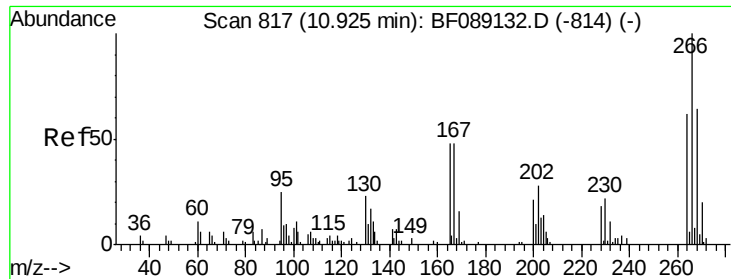
#68
Atrazine
Concen: 42.79 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Tgt Ion:200 Resp: 94316
Ion Ratio Lower Upper
200 100
173 29.0 7.8 47.8
215 43.6 22.9 62.9



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

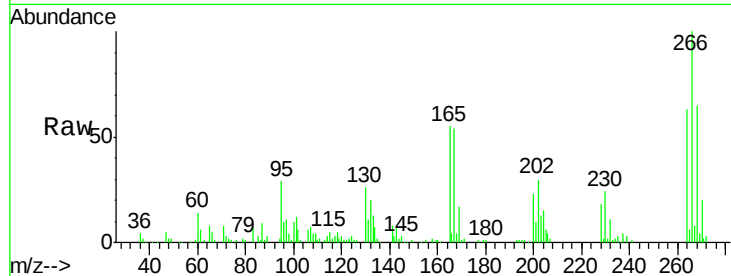




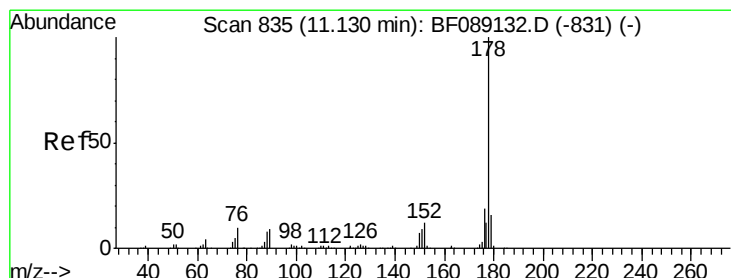
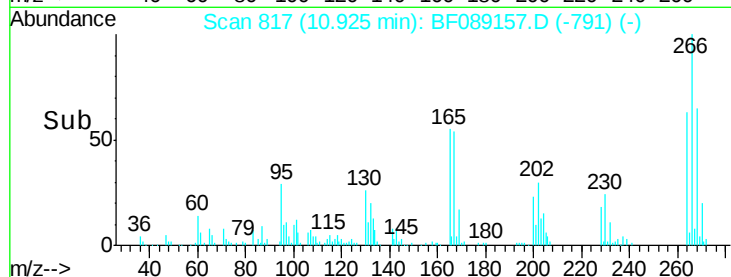
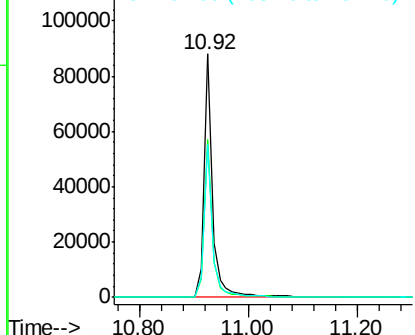
#69
 Pentachlorophenol
 Concen: 91.82 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion: 266 Resp: 95076
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.2 76.8
 264 62.9 49.7 74.5

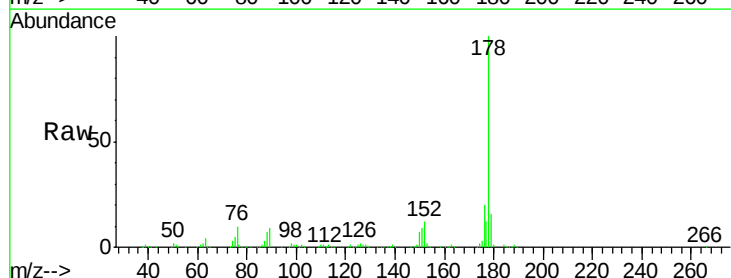


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

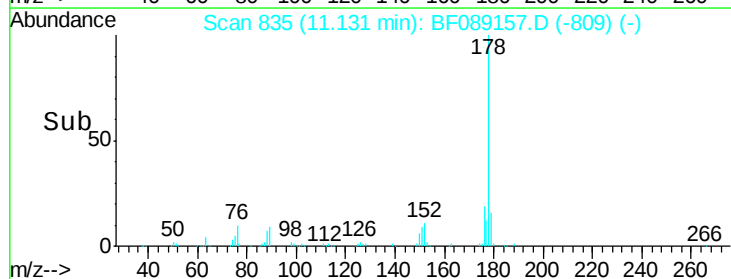
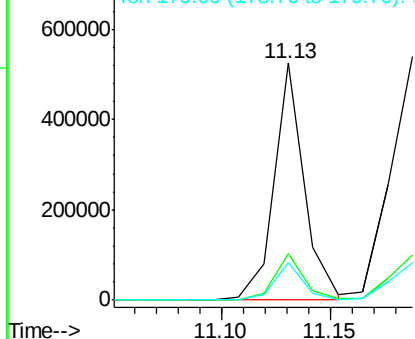


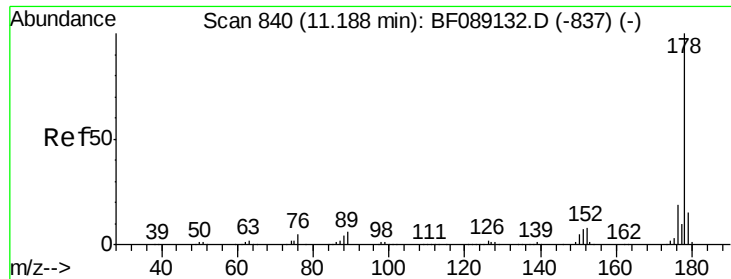
#70
 Phenanthrene
 Concen: 43.90 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion: 178 Resp: 507827
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.6 12.4 18.6



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

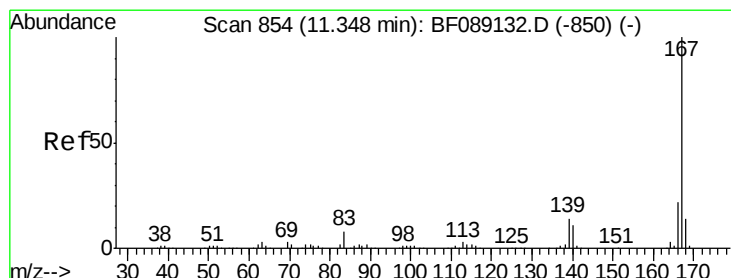
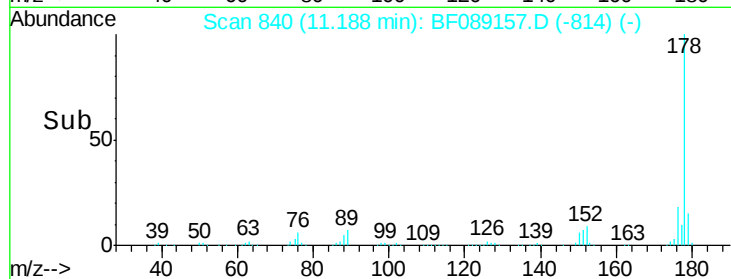
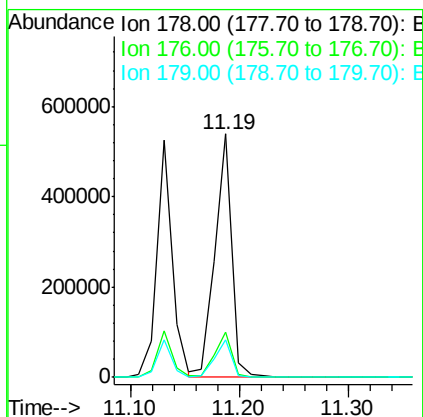
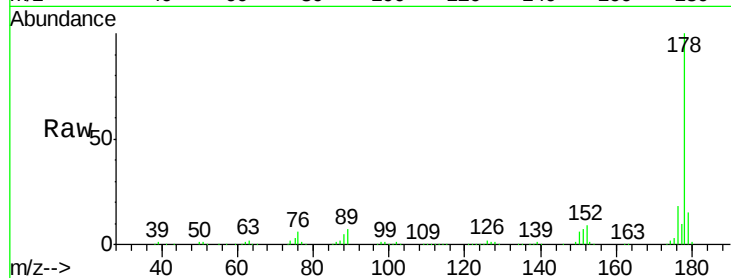




#71
 Anthracene
 Concen: 48.99 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

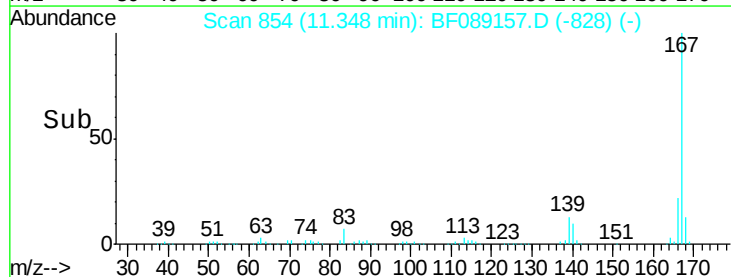
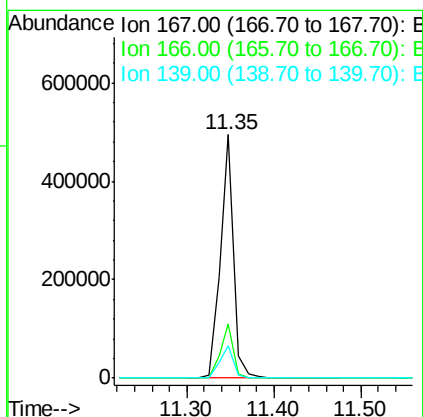
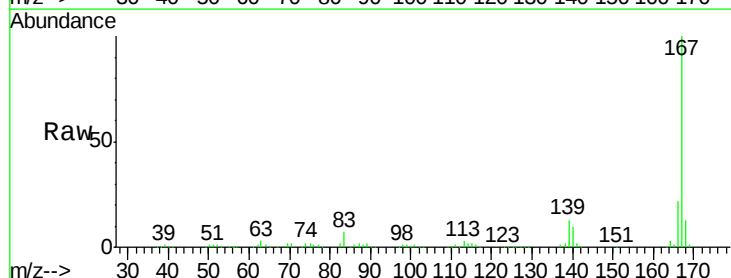
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

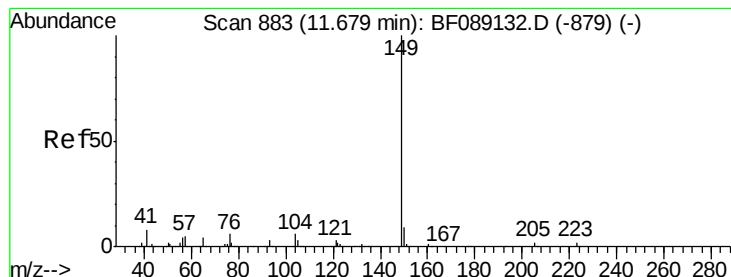
Tgt Ion:178 Resp: 589064
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.9 22.3
 179 15.4 12.0 18.0



#72
 Carbazole
 Concen: 49.88 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion:167 Resp: 526806
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.4 11.0 16.4





#73

Di-n-butylphthalate

Concen: 43.25 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

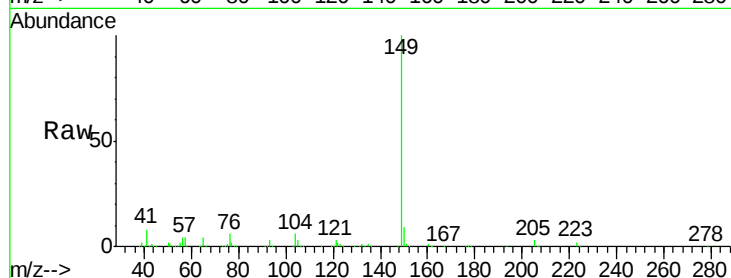
Tgt Ion:149 Resp: 565032

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

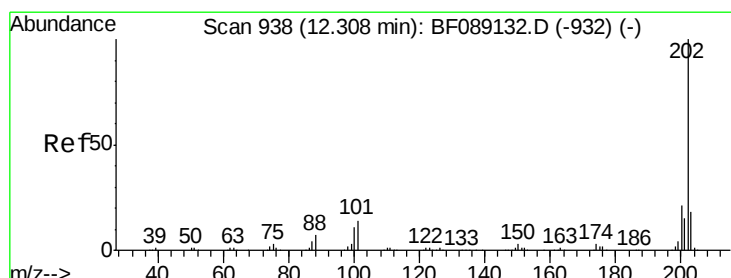
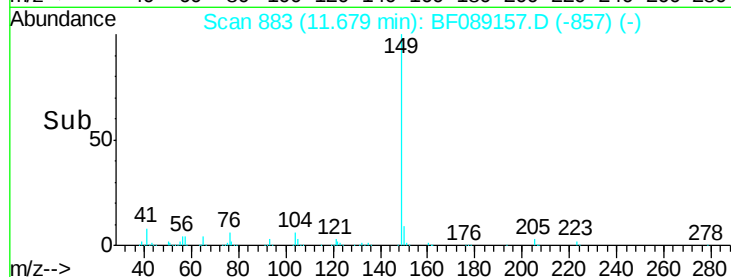
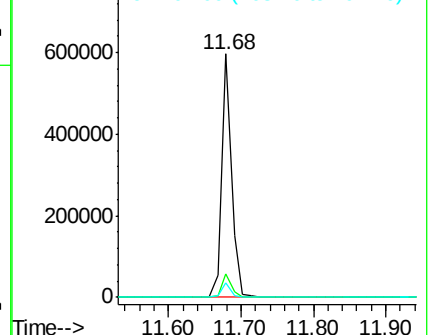
104 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.24 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

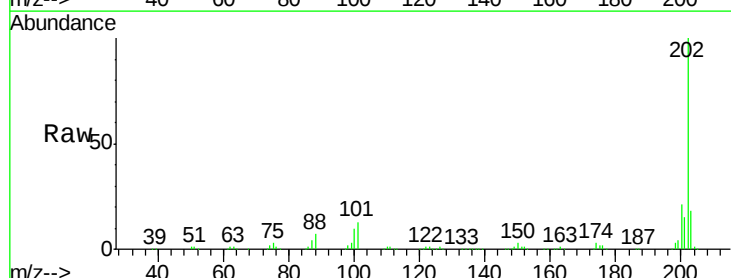
Tgt Ion:202 Resp: 525812

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.0

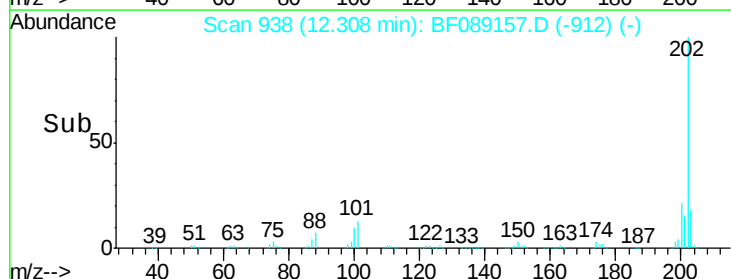
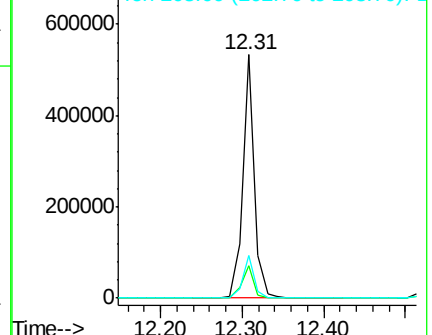
203 17.6 0.0 37.8

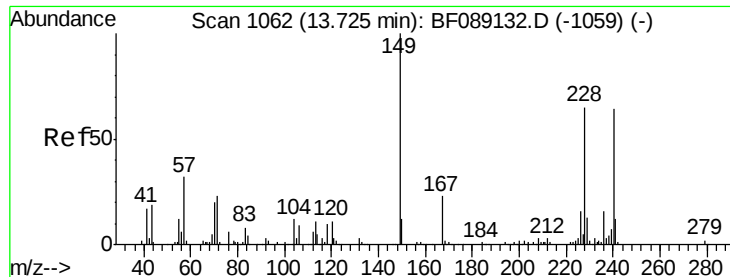


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

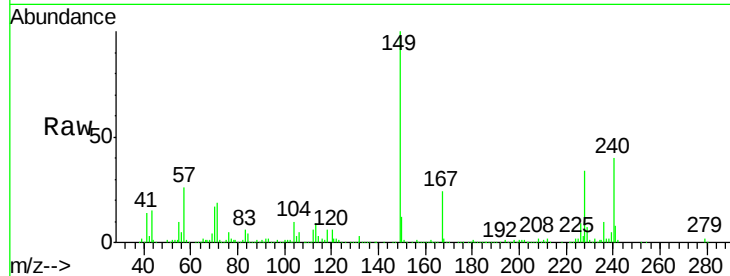
Tgt Ion:240 Resp: 141468

Ion Ratio Lower Upper

240 100

120 14.8 13.6 20.4

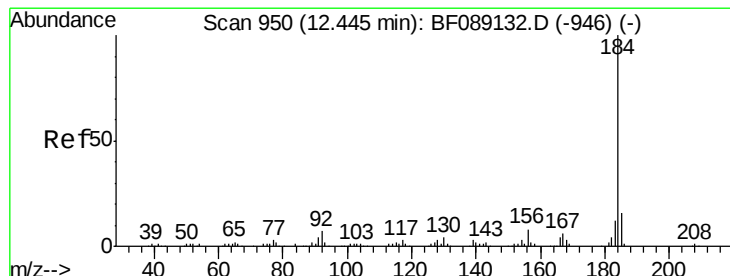
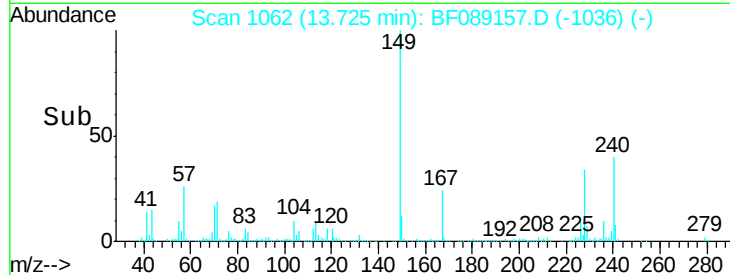
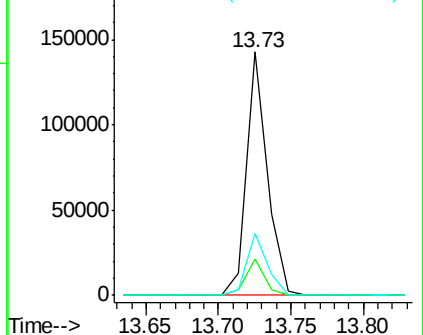
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.66 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

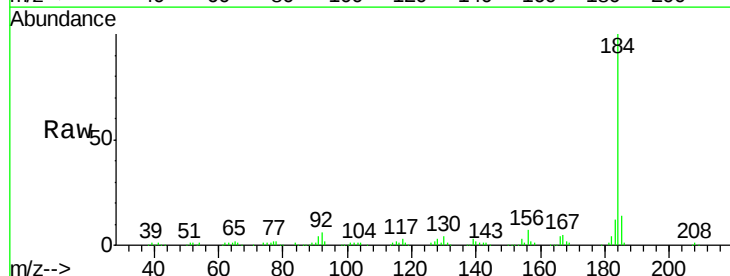
Tgt Ion:184 Resp: 236673

Ion Ratio Lower Upper

184 100

185 13.7 12.5 18.7

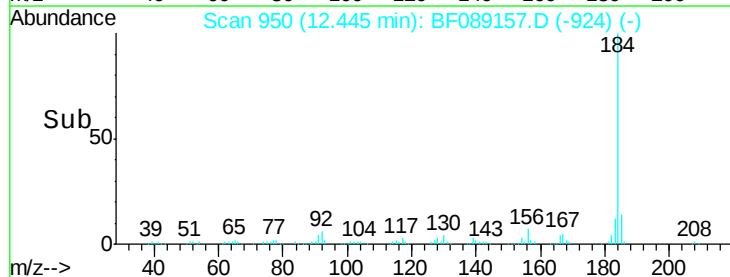
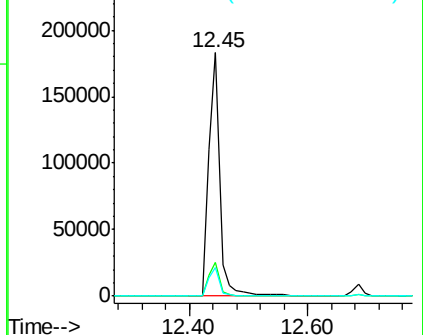
183 12.0 9.6 14.4

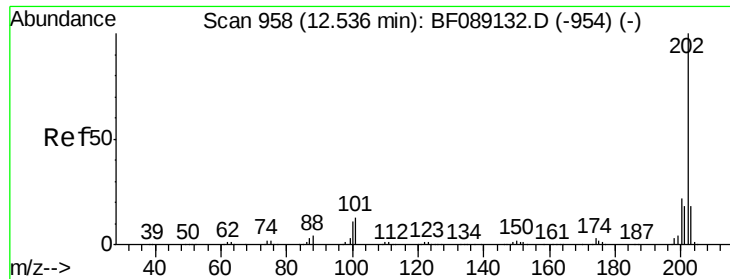


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

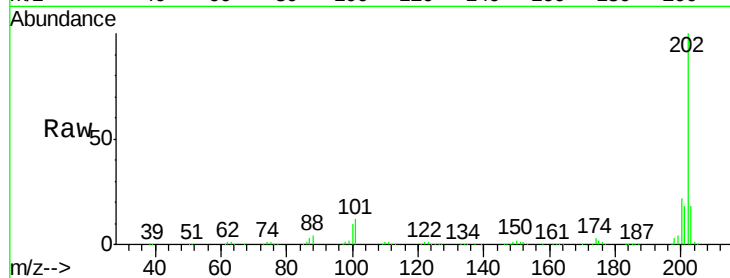




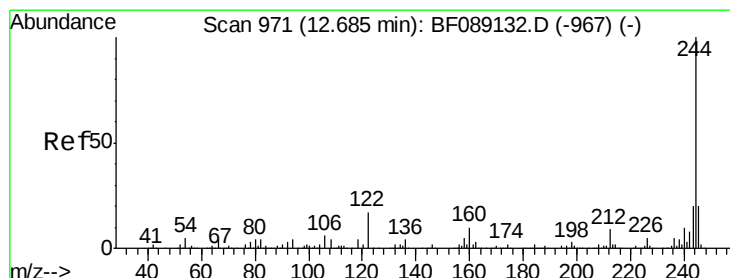
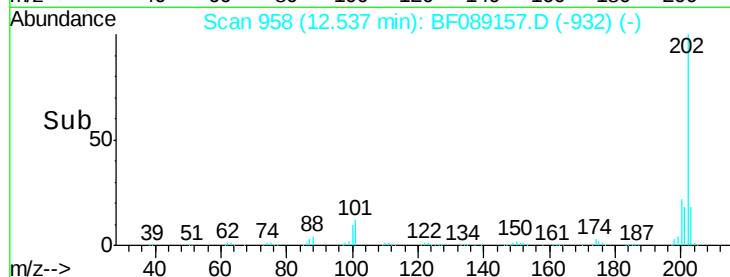
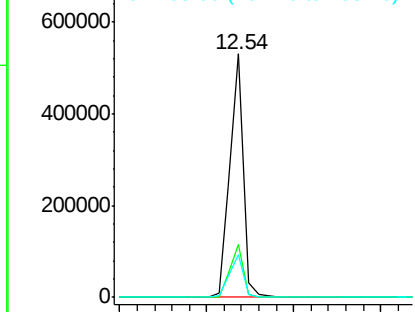
#77
Pyrene
 Concen: 48.71 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.0
203	17.6	14.2	21.2

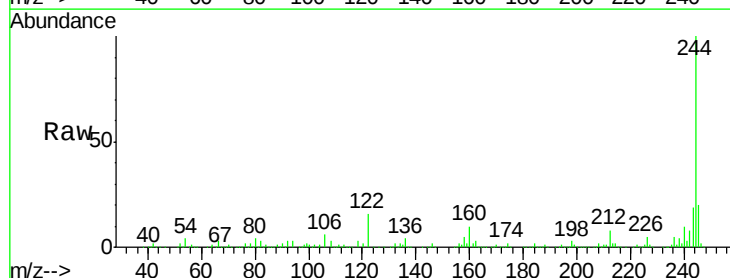


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

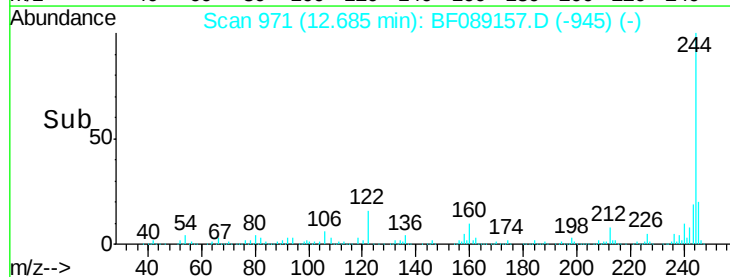
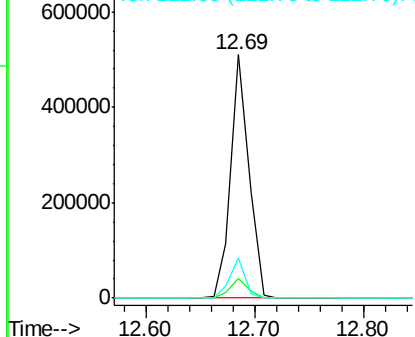


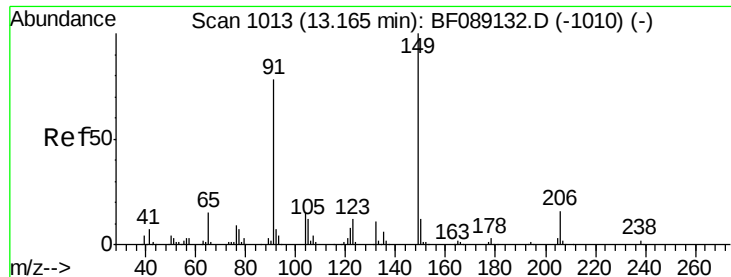
#78
Terphenyl-d14
 Concen: 90.36 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	16.3	13.8	20.8



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

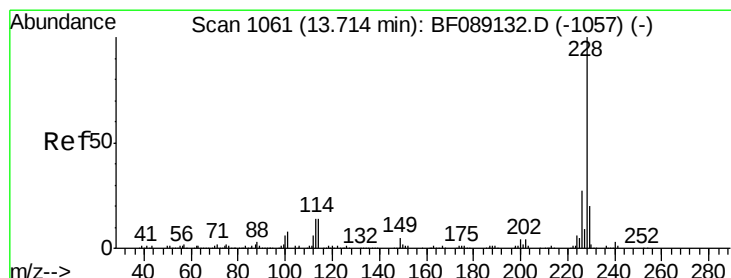
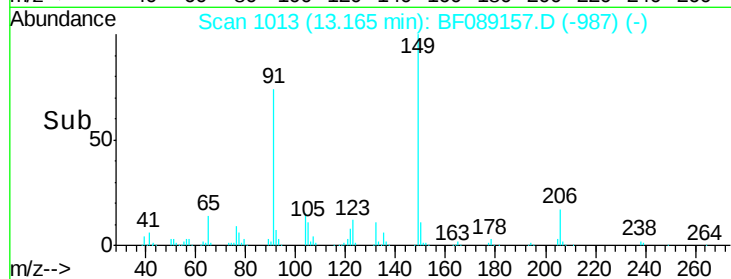
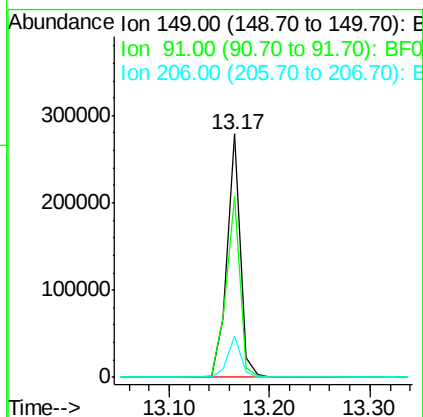
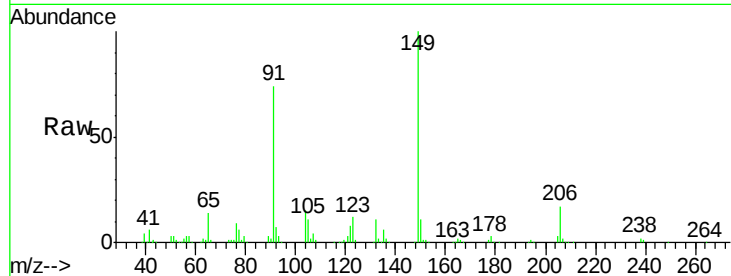




#79
Butylbenzylphthalate
Concen: 52.23 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

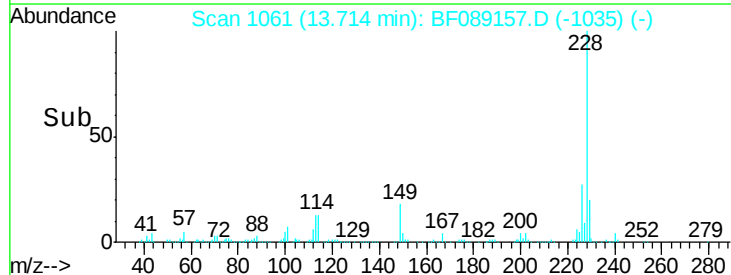
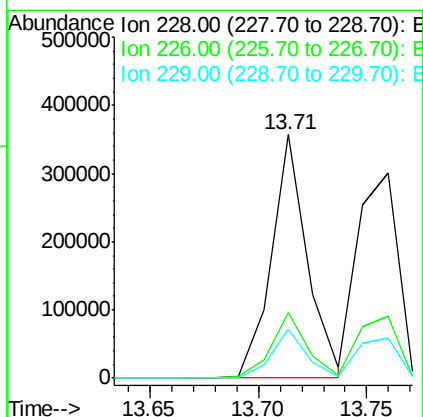
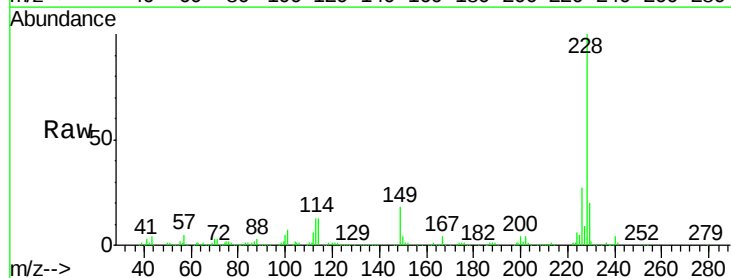
Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.3	62.6	93.8
206	17.2	13.2	19.8



#80
Benzo(a)anthracene
Concen: 45.38 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.0	15.8	23.8

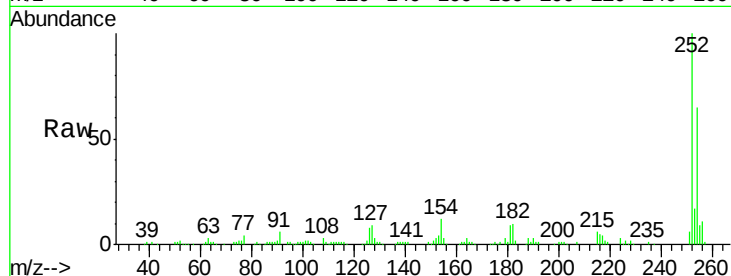




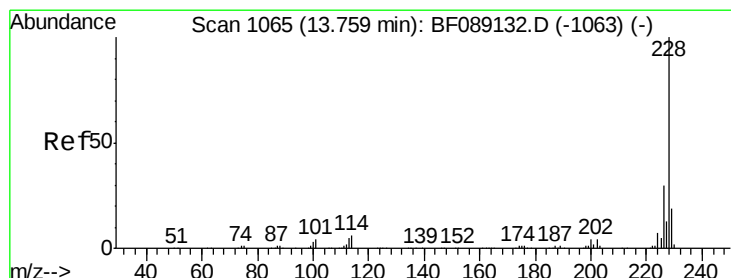
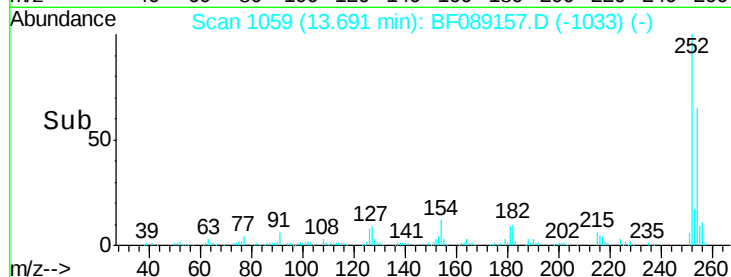
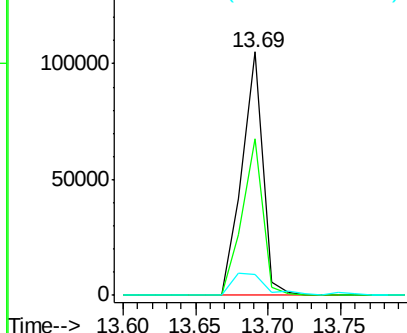
#81
 3,3'-Dichlorobenzidine
 Concen: 35.36 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	8.4	10.2	15.2#

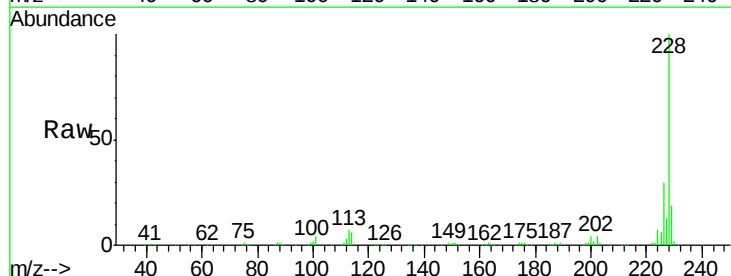


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

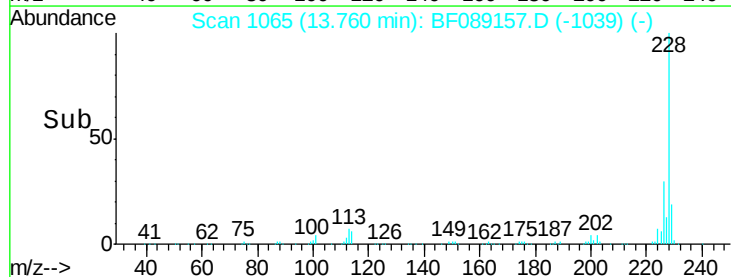
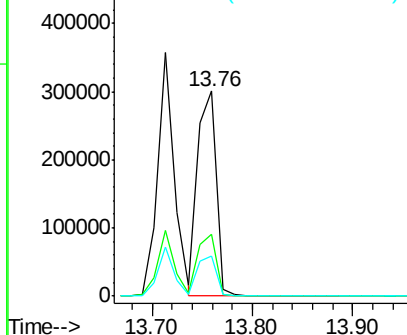


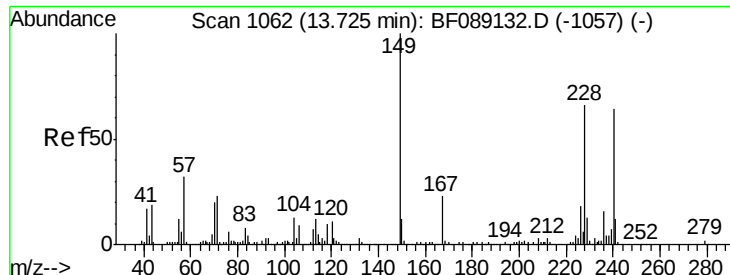
#82
 Chrysene
 Concen: 45.63 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.3	15.4	23.0



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

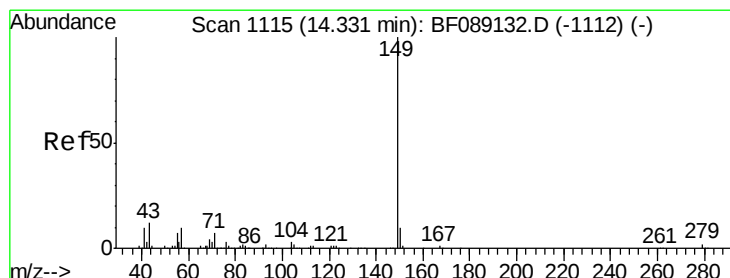
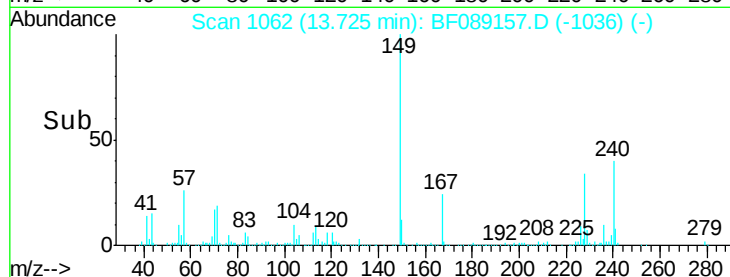
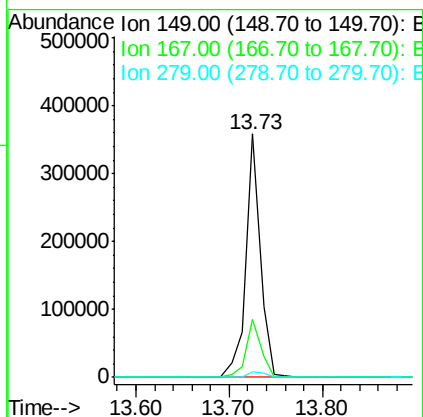
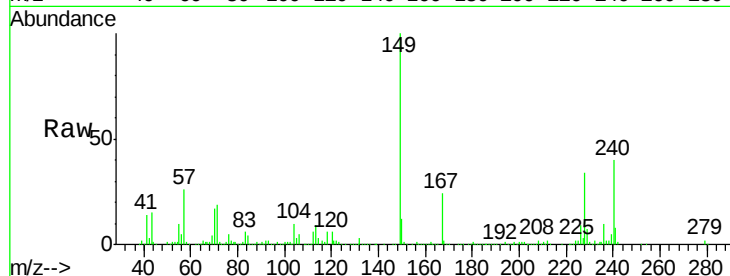




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.28 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

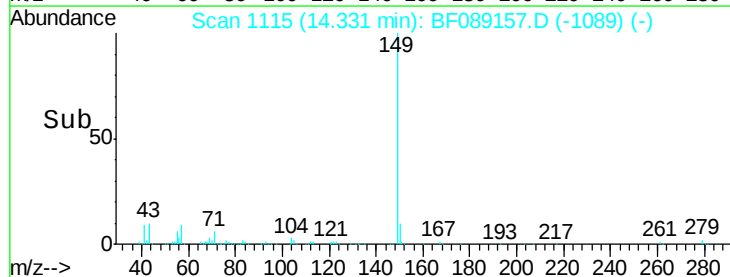
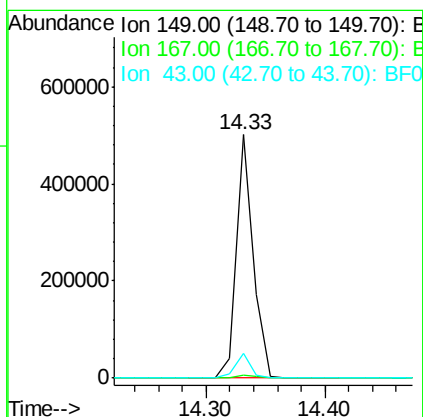
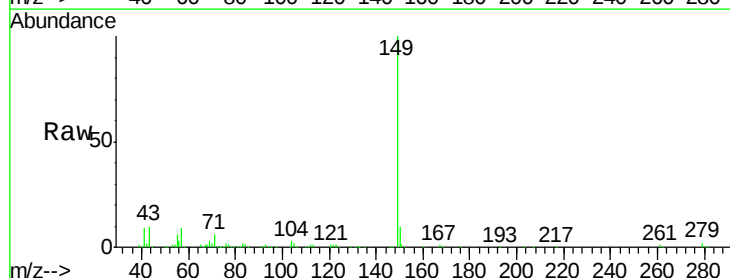
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

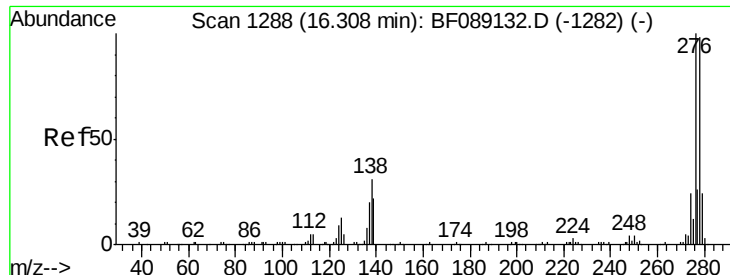
Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.0	18.6	28.0
279	2.1	1.6	2.4



#84
 Di-n-octyl phthalate
 Concen: 45.78 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.3	7.3	10.9

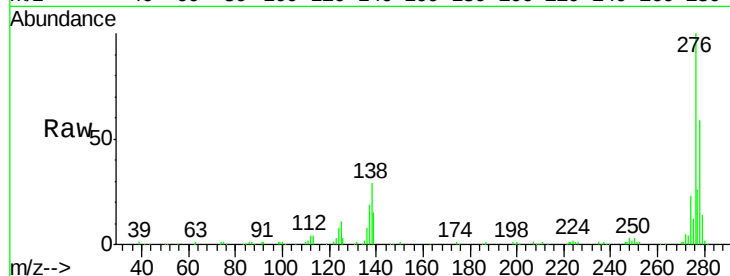




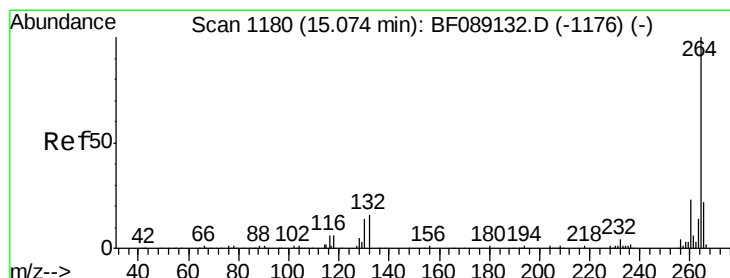
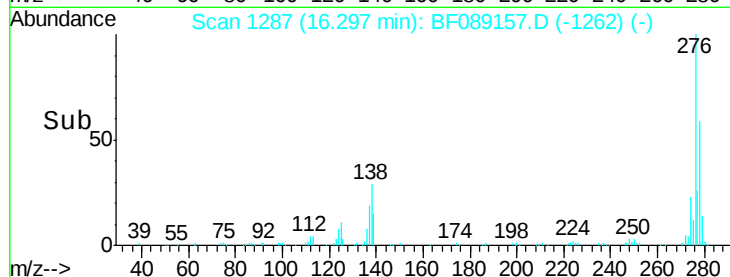
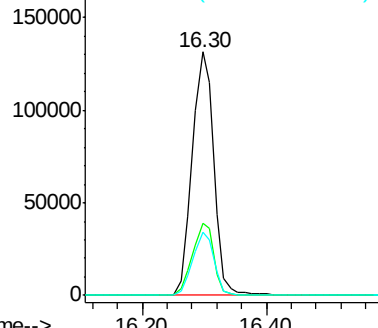
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.54 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-33MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.7	35.5
277	25.5	20.6	31.0

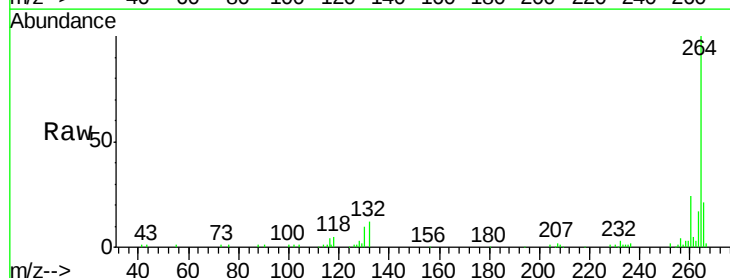


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

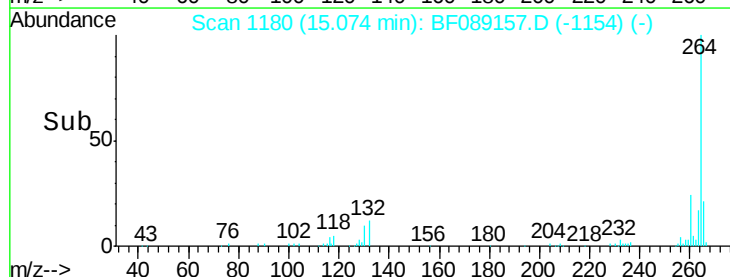
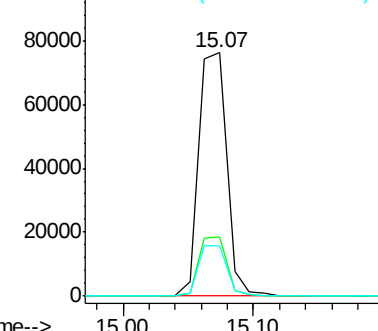


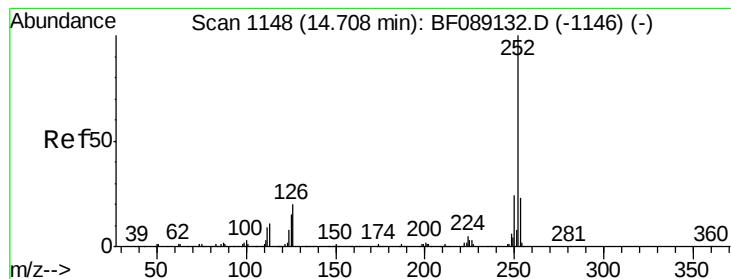
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF089157.D
 Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	20.8	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.44 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

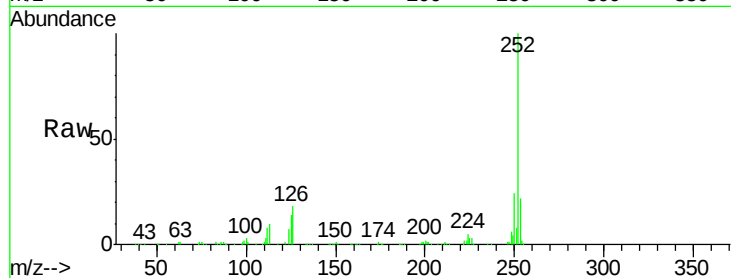
Tgt Ion:252 Resp: 323501

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

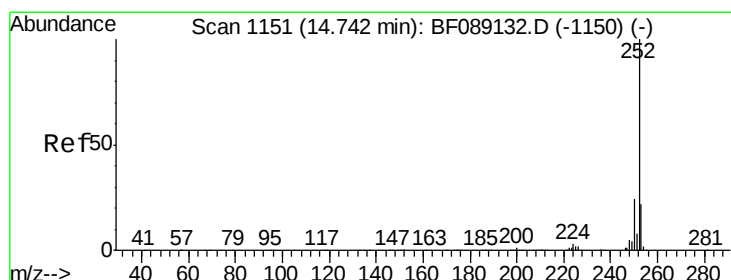
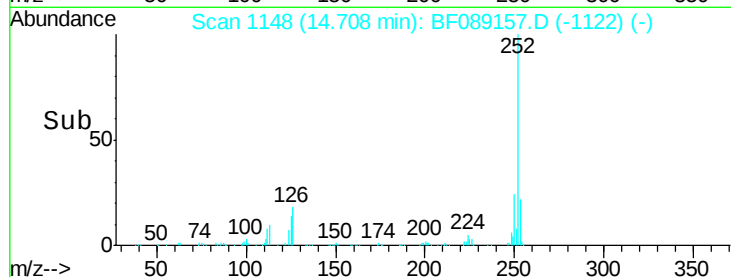
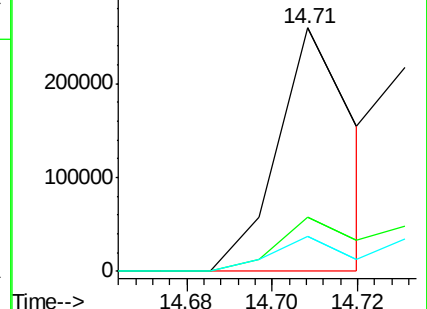
125 14.3 11.9 17.9



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



#88

Benzo(k)fluoranthene

Concen: 56.54 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

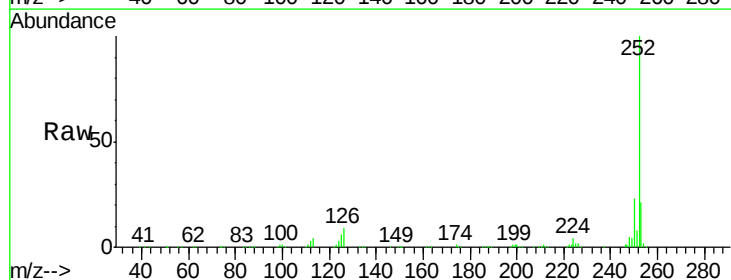
Tgt Ion:252 Resp: 331626

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

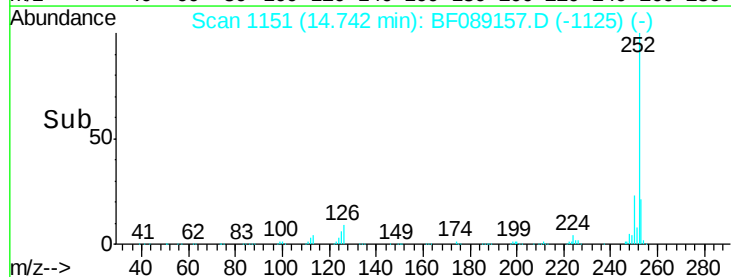
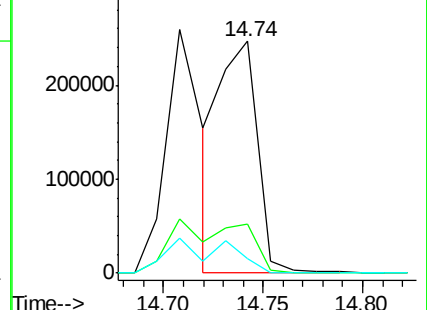
125 6.4 6.3 9.5

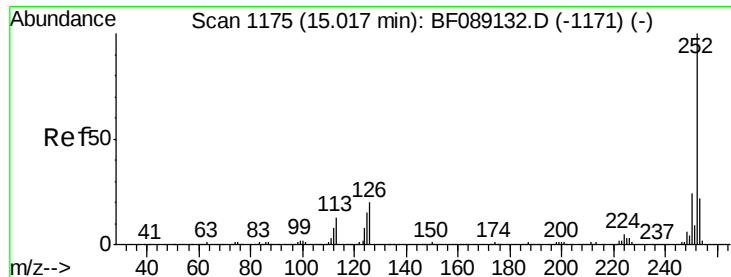


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

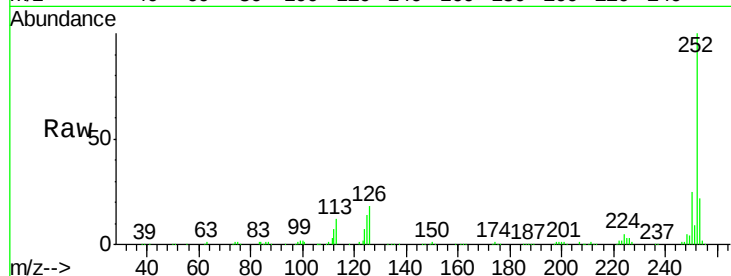




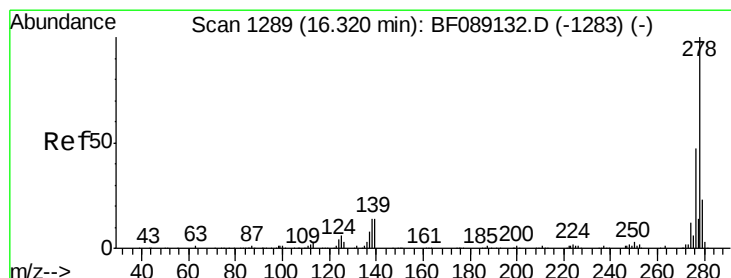
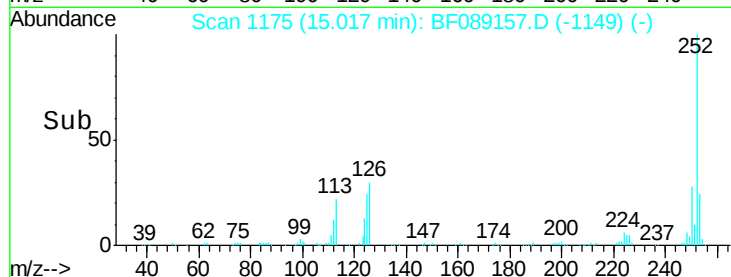
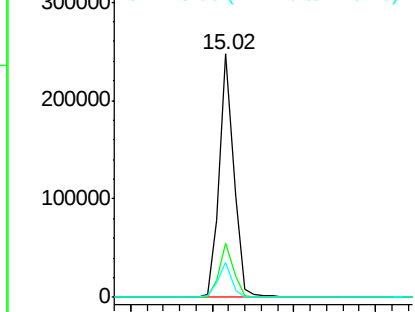
#89
Benzo(a)pyrene
Concen: 48.11 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-33MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	14.3	12.4	18.6

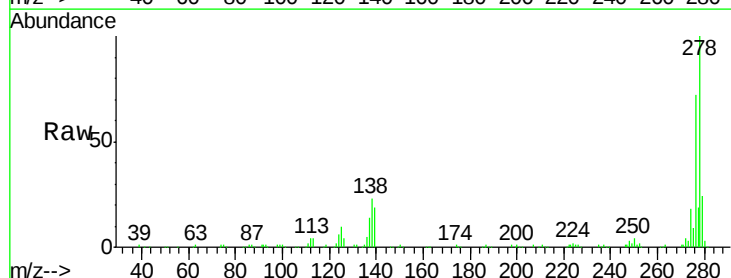


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

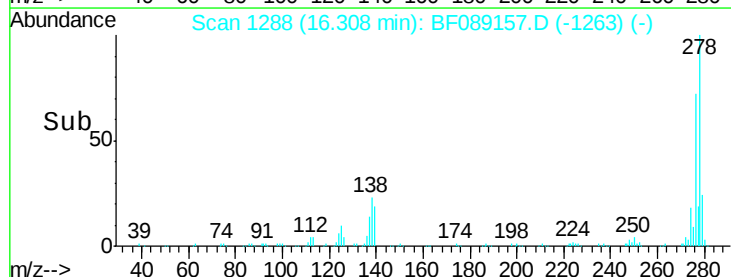
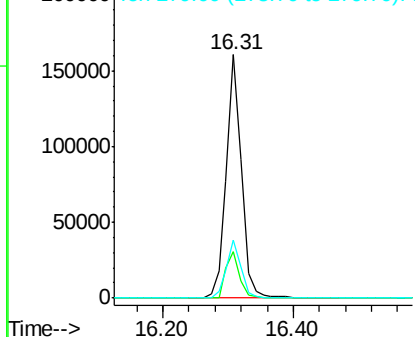


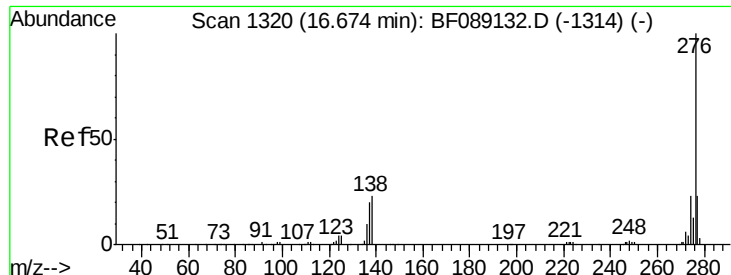
#90
Dibenzo(a,h)anthracene
Concen: 51.62 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF089157.D
Acq: 21 Jul 2016 3:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	11.4	17.2#
279	23.8	18.4	27.6



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: 52.22 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF089157.D

Acq: 21 Jul 2016 3:51

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-33MS

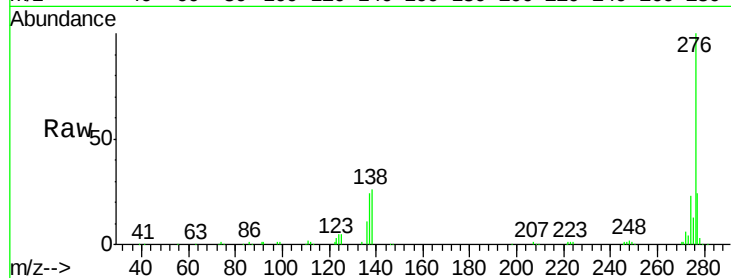
Tgt Ion: 276 Resp: 264705

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 26.4 18.5 27.7



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

