

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090057.D
 Acq On : 12 Sep 2016 12:17
 Operator : UM/SJ
 Sample : PB93311BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

Quant Time: Sep 12 15:43:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 12 15:34:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	197264	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	785183	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	412487	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	792314	20.00	ng	0.00
75) Chrysene-d12	13.69	240	535844	20.00	ng	0.00
86) Perylene-d12	15.03	264	442958	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	886791	71.96	ng	0.01
7) Phenol-d6	6.23	99	1077964	71.99	ng	0.00
23) Nitrobenzene-d5	7.15	82	1043767	77.10	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	320211	78.69	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	2007640	79.90	ng	0.00
78) Terphenyl-d14	12.66	244	1676811	77.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	196863	33.71	ng	# 93
3) Pyridine	2.71	79	584401	37.51	ng	91
4) n-Nitrosodimethylamine	2.67	42	273846	35.65	ng	98
6) Aniline	6.24	93	350645	17.16	ng	# 29
8) 2-Chlorophenol	6.36	128	548949	41.06	ng	93
9) Benzaldehyde	6.11	77	65425	6.77	ng	99
10) Phenol	6.24	94	591085	33.94	ng	85
11) bis(2-Chloroethyl)ether	6.32	93	547202	41.52	ng	93
12) 1,3-Dichlorobenzene	6.51	146	615698	41.23	ng	# 95
13) 1,4-Dichlorobenzene	6.59	146	629611	41.21	ng	96
14) 1,2-Dichlorobenzene	6.74	146	536595	39.18	ng	97
15) Benzyl Alcohol	6.73	79	377890	40.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	943567	37.55	ng	89
17) 2-Methylphenol	6.86	107	436251	40.86	ng	98
18) Hexachloroethane	7.08	117	206883	39.53	ng	94
19) n-Nitroso-di-n-propylamine	7.00	70	359791	36.87	ng	90
20) 3+4-Methylphenols	7.02	107	541711	41.85	ng	# 70
22) Acetophenone	6.99	105	657404	37.32	ng	# 91
24) Nitrobenzene	7.16	77	529271	36.77	ng	92
25) Isophorone	7.42	82	1039607	37.76	ng	98
26) 2-Nitrophenol	7.48	139	312763	45.46	ng	92
27) 2,4-Dimethylphenol	7.54	122	521396	40.97	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	682198	41.08	ng	99
29) 2,4-Dichlorophenol	7.74	162	475428	41.67	ng	90
30) 1,2,4-Trichlorobenzene	7.80	180	503538	40.37	ng	97
31) Naphthalene	7.88	128	1543444	39.46	ng	99
32) Benzoic acid	7.67	122	94583	11.03	ng	89
33) 4-Chloroaniline	7.94	127	181120	11.48	ng	98
34) Hexachlorobutadiene	8.01	225	293515	40.15	ng	97
35) Caprolactam	8.33	113	156547m	43.47	ng	
36) 4-Chloro-3-methylphenol	8.43	107	484171	40.07	ng	# 80
37) 2-Methylnaphthalene	8.58	142	1071373	41.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	405089	33.52	ng	99
40) Hexachlorocyclopentadiene	8.73	237	515459	83.19	ng	93

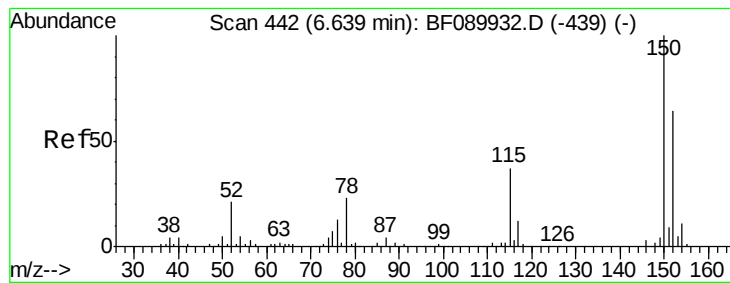
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090057.D
 Acq On : 12 Sep 2016 12:17
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Quant Time: Sep 12 15:43:43 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	325875	38.91	ng	99
43) 2,4,5-Trichlorophenol	8.90	196	347878	43.20	ng	94
45) 1,1'-Biphenyl	9.04	154	1096766	33.02	ng	99
46) 2-Chloronaphthalene	9.06	162	986347	41.98	ng	97
47) 2-Nitroaniline	9.16	65	324735	42.28	ng	# 84
48) Acenaphthylene	9.47	152	1562734	40.23	ng	99
49) Dimethylphthalate	9.36	163	1174384	39.39	ng	# 98
50) 2,6-Dinitrotoluene	9.40	165	265141	39.99	ng	# 88
51) Acenaphthene	9.64	154	971525	39.47	ng	99
52) 3-Nitroaniline	9.58	138	174811	23.11	ng	80
53) 2,4-Dinitrophenol	9.68	184	171431	48.13	ng	# 87
54) Dibenzofuran	9.82	168	1361748	41.29	ng	100
55) 4-Nitrophenol	9.76	139	406592	71.28	ng	83
56) 2,4-Dinitrotoluene	9.80	165	308638	36.70	ng	# 72
57) Fluorene	10.16	166	1054324	43.75	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	311470	45.18	ng	94
59) Diethylphthalate	10.06	149	1657336	59.09	ng	95
60) 4-Chlorophenyl-phenylether	10.16	204	474613	41.85	ng	99
61) 4-Nitroaniline	10.18	138	276259	37.18	ng	91
62) Azobenzene	10.31	77	1069220	38.17	ng	98
64) 4,6-Dinitro-2-methylphenol	10.22	198	166598	32.84	ng	# 65
65) n-Nitrosodiphenylamine	10.27	169	875730	36.76	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	336547	42.19	ng	99
67) Hexachlorobenzene	10.70	284	333964	36.65	ng	95
68) Atrazine	10.81	200	276267	34.74	ng	99
69) Pentachlorophenol	10.89	266	324538	66.21	ng	99
70) Phenanthrene	11.11	178	1643597	41.66	ng	99
71) Anthracene	11.15	178	1580951	39.51	ng	100
72) Carbazole	11.31	167	1456939	38.83	ng	99
73) Di-n-butylphthalate	11.67	149	1776850	40.63	ng	# 98
74) Fluoranthene	12.28	202	1694131	40.97	ng	97
76) Benzidine	12.41	184	352842	17.38	ng	# 72
77) Pyrene	12.50	202	1541418	40.80	ng	99
79) Butylbenzylphthalate	13.14	149	695498	45.65	ng	95
80) Benzo(a)anthracene	13.68	228	1396848	42.56	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	162153	13.69	ng	# 98
82) Chrysene	13.73	228	1356119	44.23	ng	100
83) Bis(2-ethylhexyl)phthalate	13.70	149	846751	40.18	ng	# 94
84) Di-n-octyl phthalate	14.31	149	1423578	41.85	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.23	276	1069498	47.19	ng	99
87) Benzo(h)fluoranthene	14.67	252	1039152m	37.45	ng	
88) Benzo(k)fluoranthene	14.70	252	941156m	39.97	ng	
89) Benzo(a)pyrene	14.97	252	995864	41.89	ng	# 95
90) Dibenzo(a,h)anthracene	16.25	278	897700	51.53	ng	97
91) Benzo(g,h,i)perylene	16.58	276	922001	52.58	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

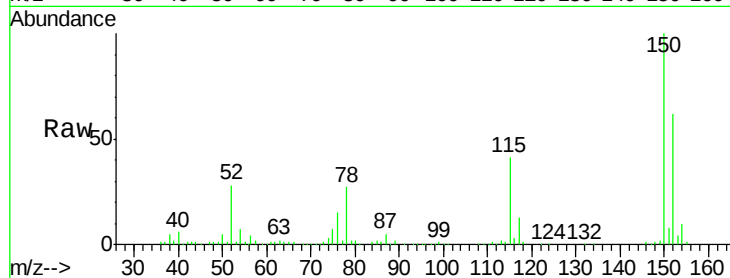
Tgt Ion:152 Resp: 197264

Ion Ratio Lower Upper

152 100

150 160.2 127.4 191.2

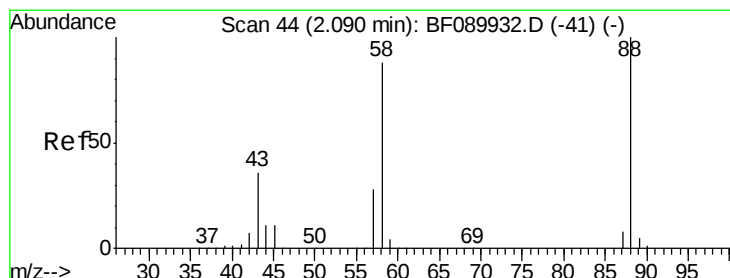
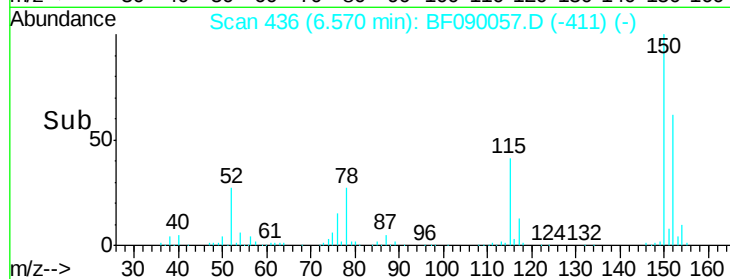
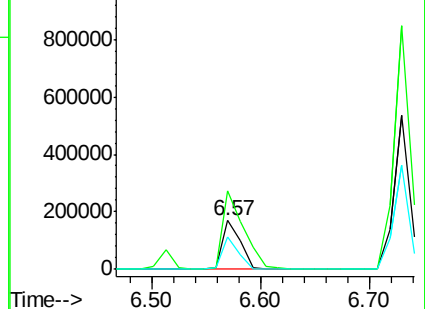
115 65.2 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.71 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.10 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

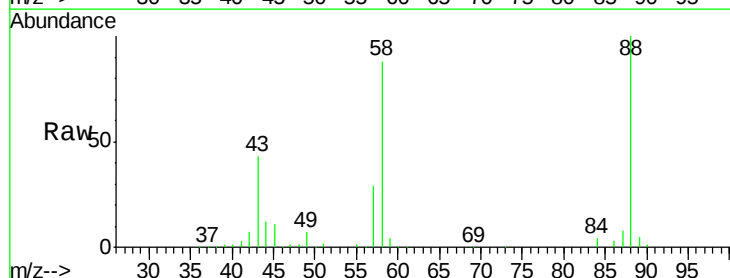
Tgt Ion: 88 Resp: 196863

Ion Ratio Lower Upper

88 100

58 85.6 68.8 103.2

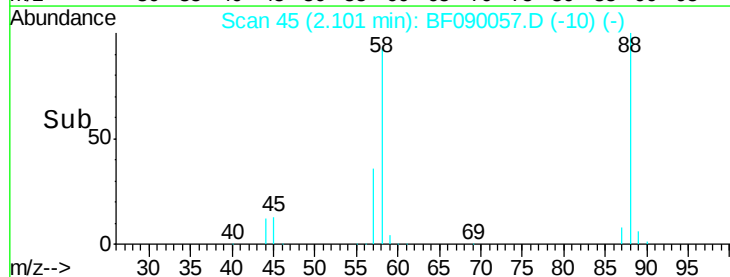
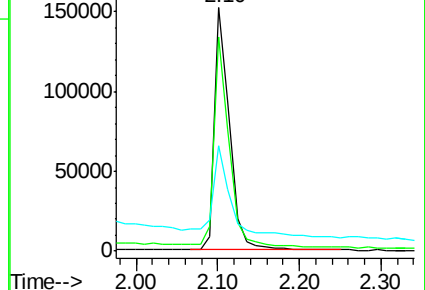
43 47.7 27.0 40.6#

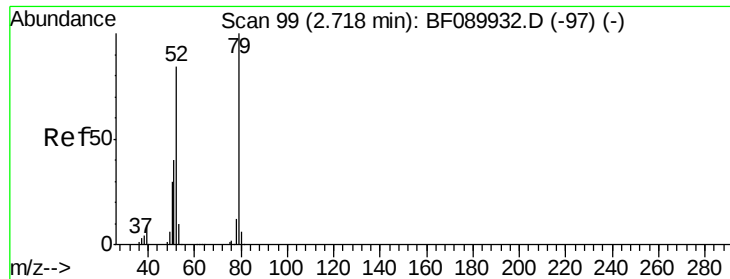


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.51 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.09 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

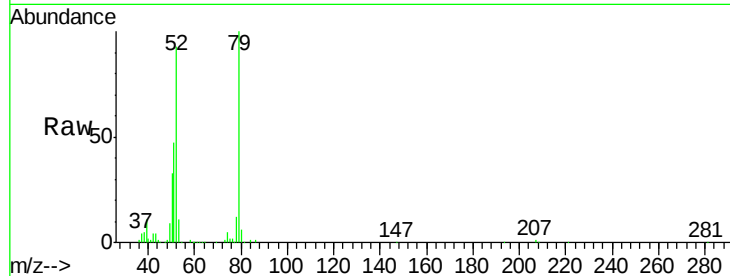
Tgt Ion: 79 Resp: 584401

Ion Ratio Lower Upper

79 100

52 92.9 67.8 101.6

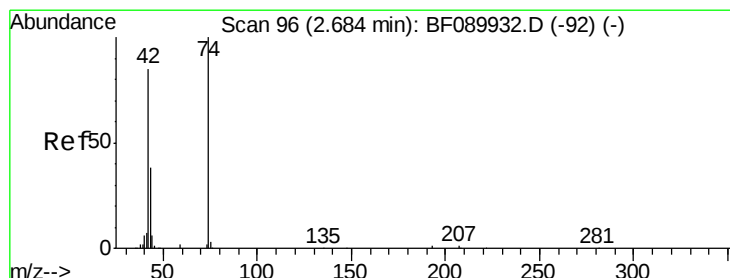
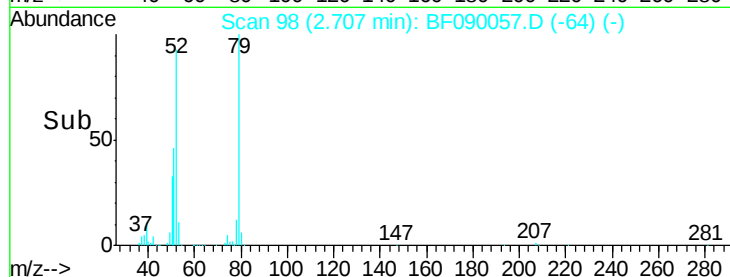
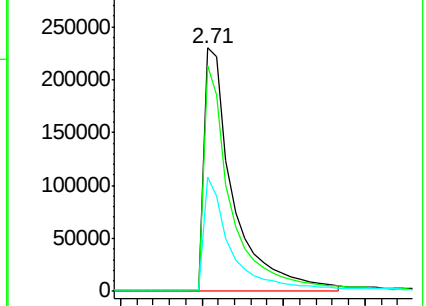
51 46.7 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.65 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.09 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

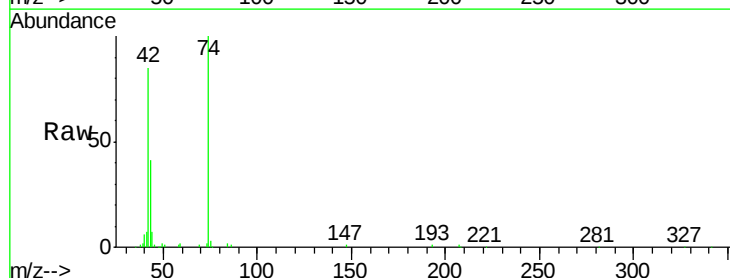
Tgt Ion: 42 Resp: 273846

Ion Ratio Lower Upper

42 100

74 117.4 92.0 138.0

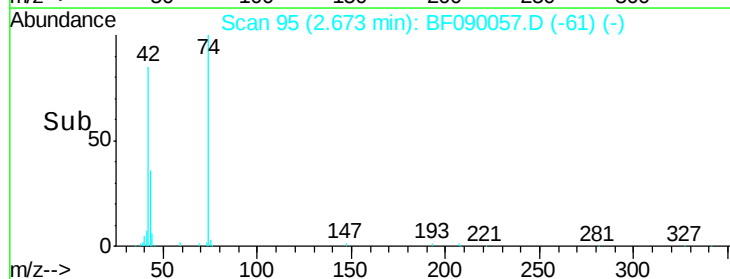
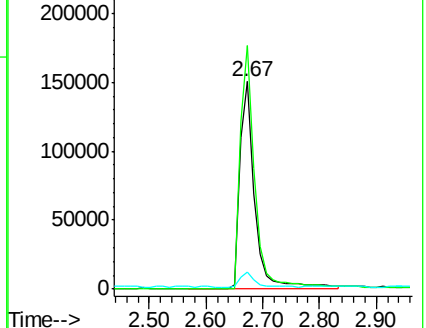
44 8.2 5.8 8.8

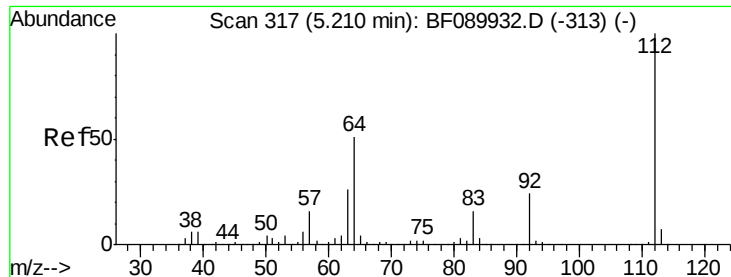


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 71.96 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

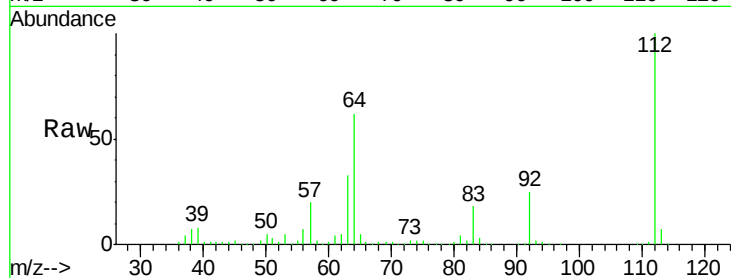
BNA_F

ClientSampleId :

PB93311BS

Tgt Ion: 112 Resp: 886791

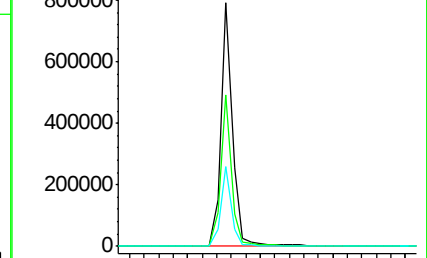
Ion	Ratio	Lower	Upper
112	100		
64	62.5	41.1	61.7#
63	32.9	21.2	31.8#



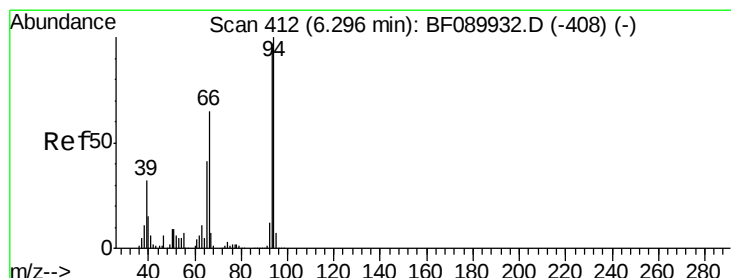
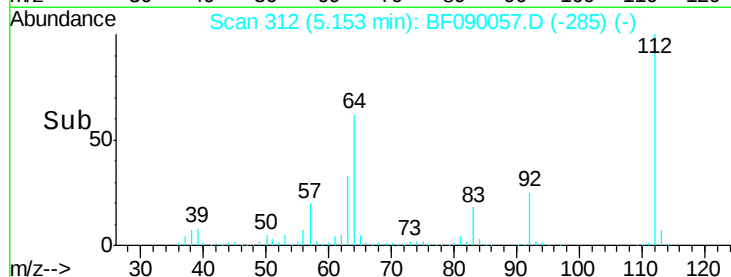
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 17.16 ng

RT: 6.24 min Scan# 407

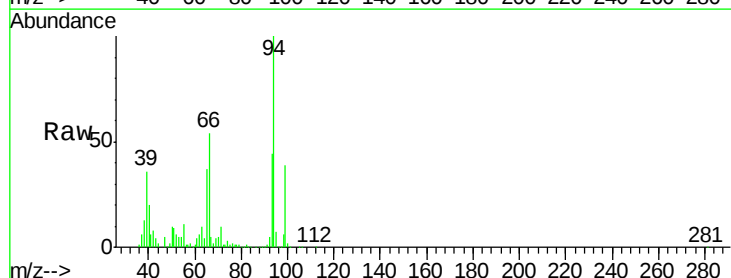
Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Tgt Ion: 93 Resp: 350645

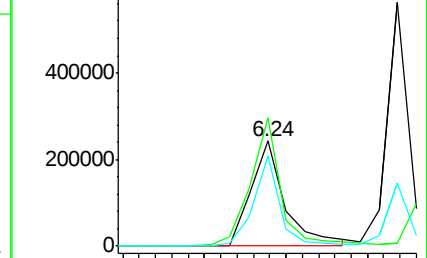
Ion	Ratio	Lower	Upper
93	100		
66	122.8	52.9	79.3#
65	85.5	33.0	49.6#



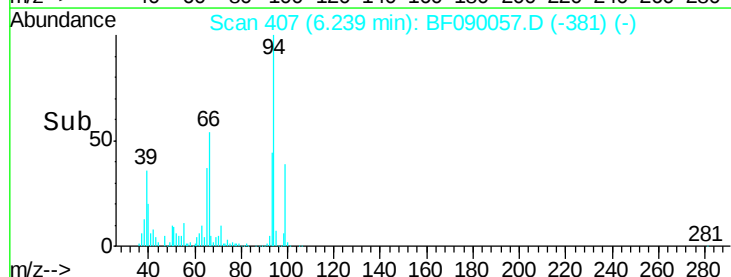
Abundance Ion 93.00 (92.70 to 93.70): BF0

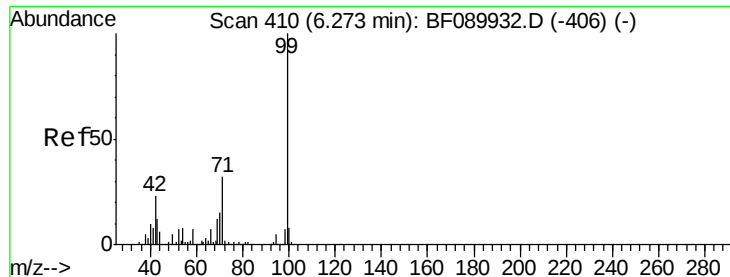
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 71.99 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

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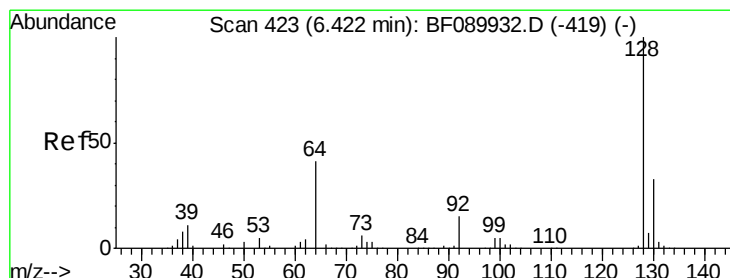
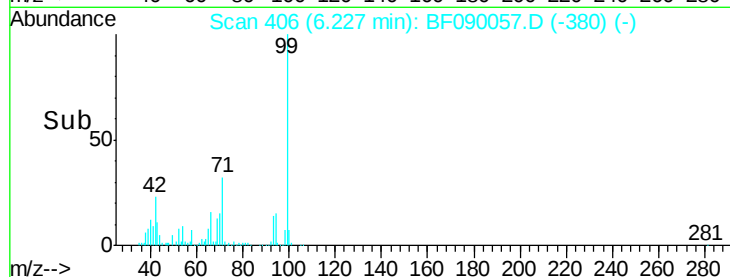
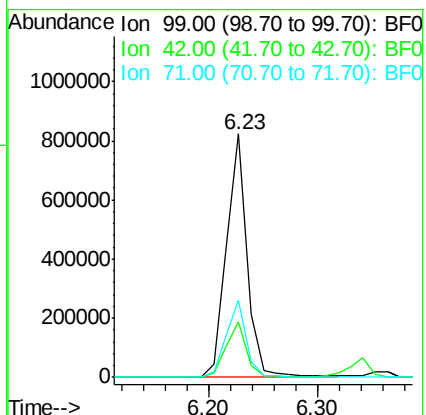
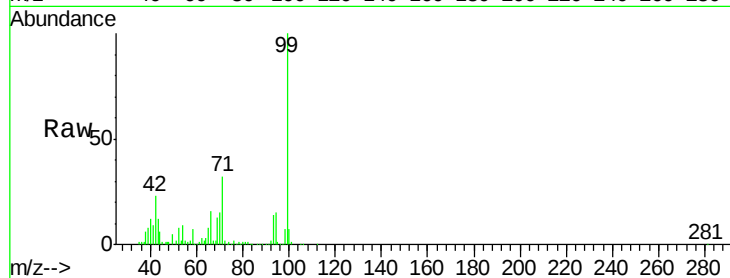
Tgt Ion: 99 Resp: 1077964

Ion Ratio Lower Upper

99 100

42 22.9 18.6 27.8

71 31.8 25.8 38.6



#8

2-Chlorophenol

Concen: 41.06 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

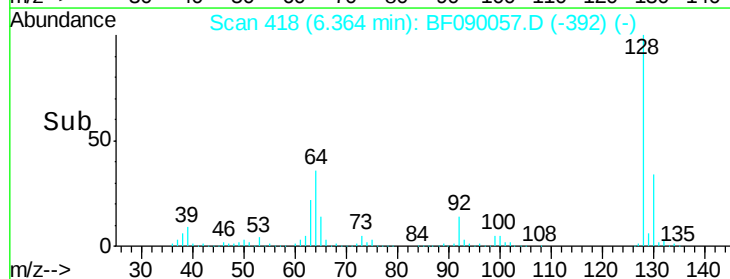
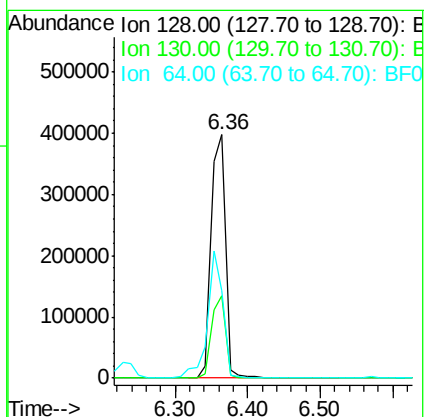
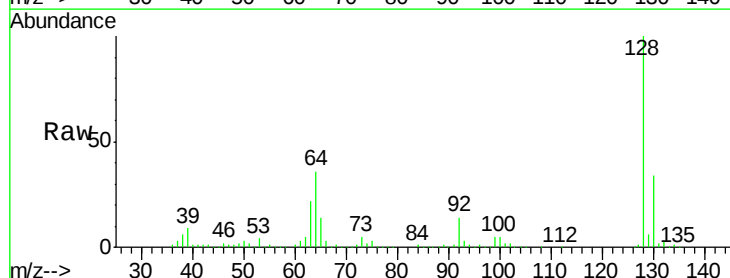
Tgt Ion: 128 Resp: 548949

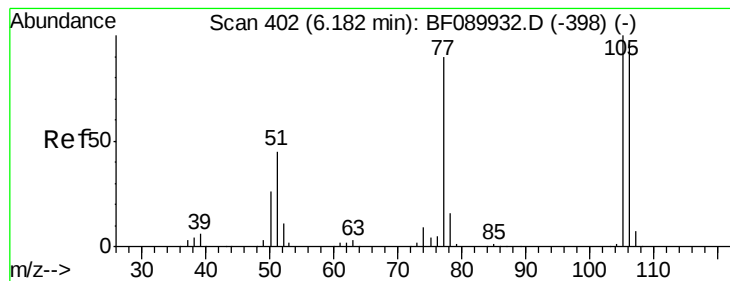
Ion Ratio Lower Upper

128 100

130 33.8 12.8 52.8

64 35.9 23.2 63.2





#9

Benzaldehyde

Concen: 6.77 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

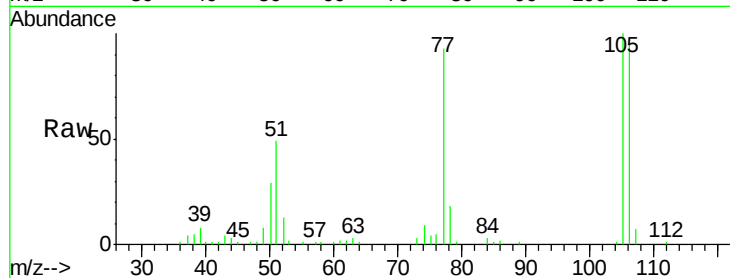
Tgt Ion: 77 Resp: 65425

Ion Ratio Lower Upper

77 100

105 107.7 85.4 125.4

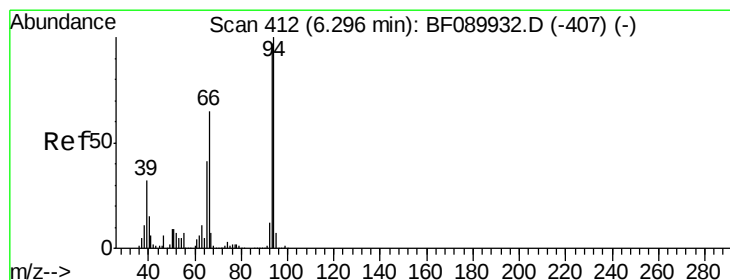
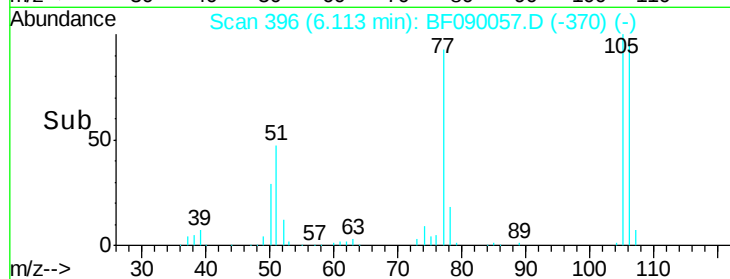
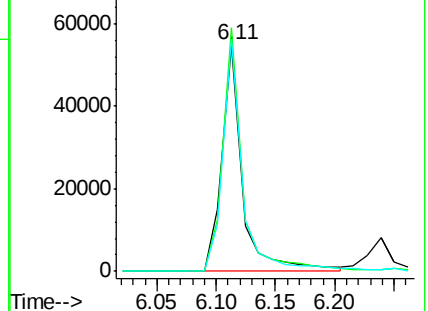
106 102.6 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.94 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

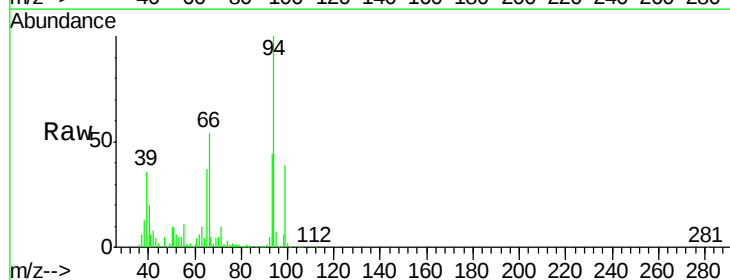
Tgt Ion: 94 Resp: 591085

Ion Ratio Lower Upper

94 100

65 37.5 23.2 63.2

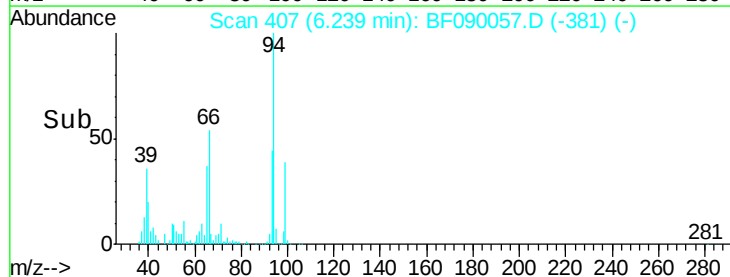
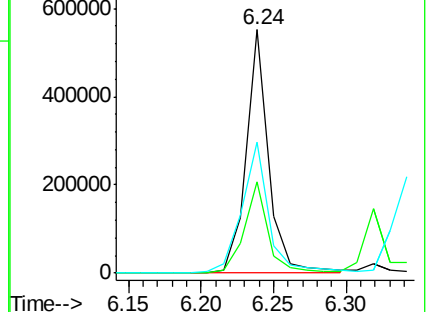
66 53.9 49.2 89.2

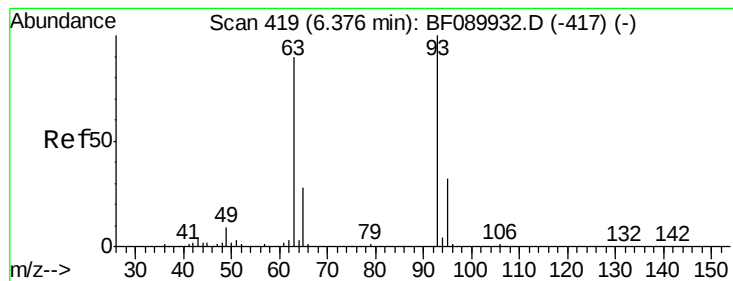


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.52 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

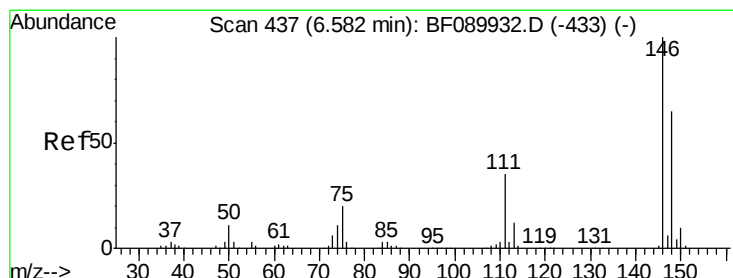
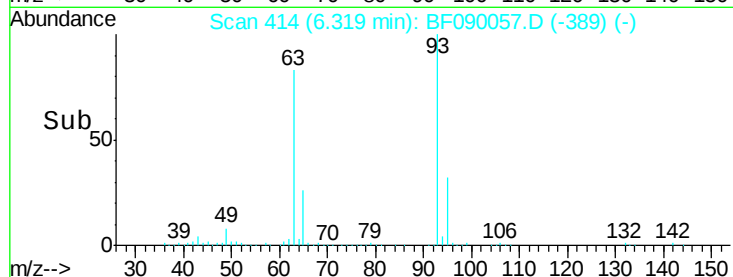
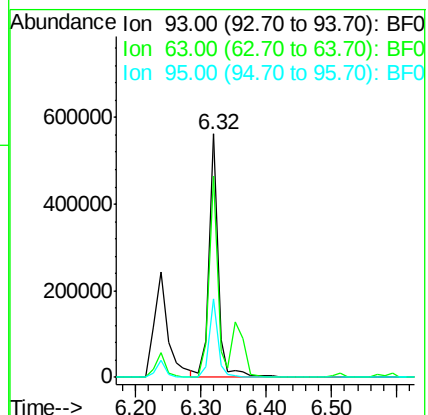
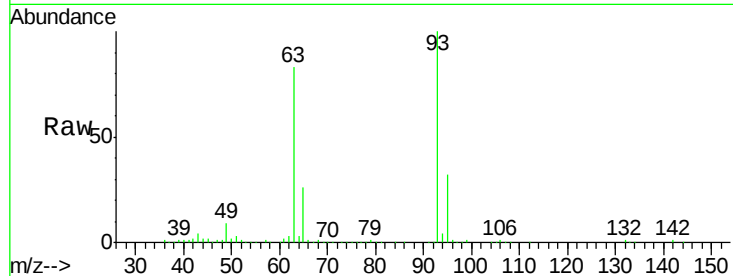
Tgt Ion: 93 Resp: 547202

Ion Ratio Lower Upper

93 100

63 82.7 71.1 111.1

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.23 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

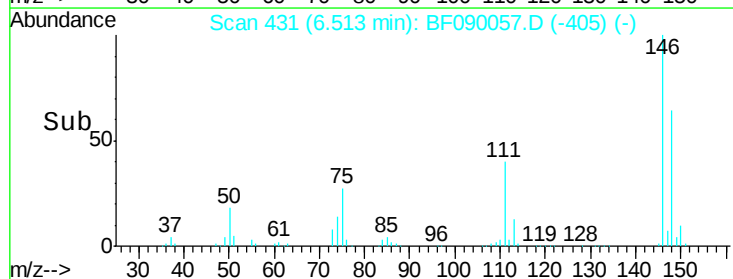
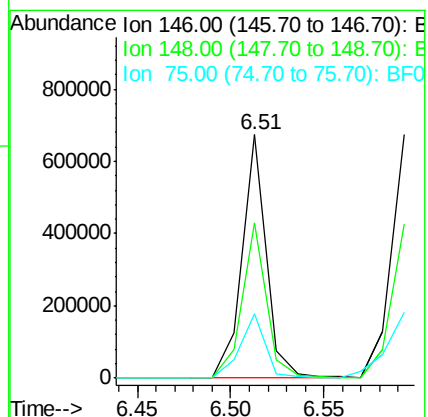
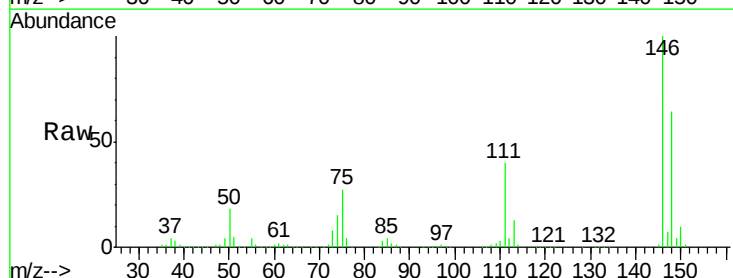
Tgt Ion: 146 Resp: 615698

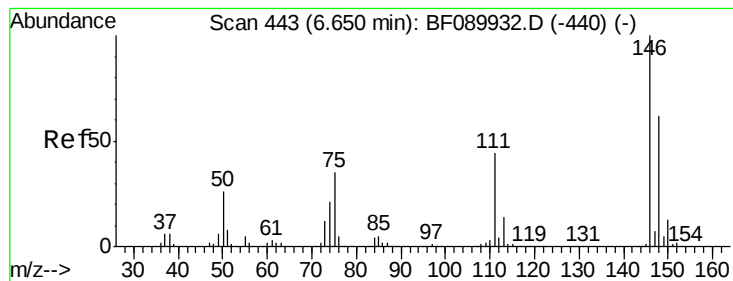
Ion Ratio Lower Upper

146 100

148 63.6 52.5 78.7

75 26.7 16.6 24.8#





#13

1,4-Dichlorobenzene

Concen: 41.21 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

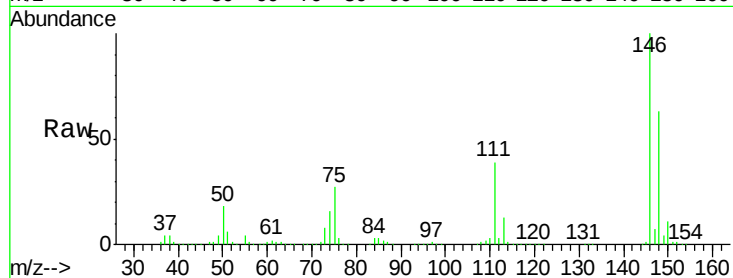
Tgt Ion:146 Resp: 629611

Ion Ratio Lower Upper

146 100

148 63.5 50.1 75.1

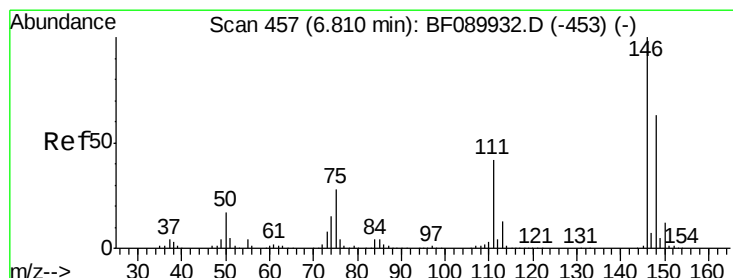
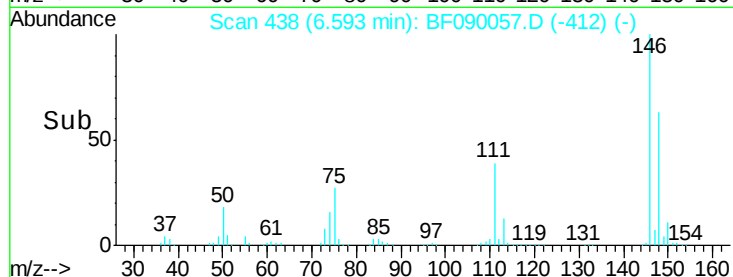
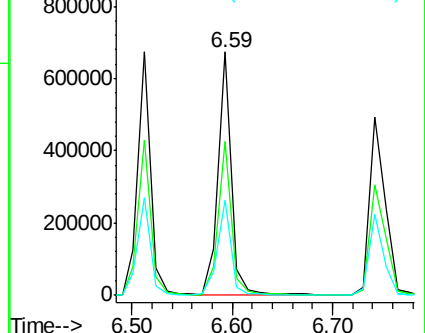
111 39.2 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.18 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

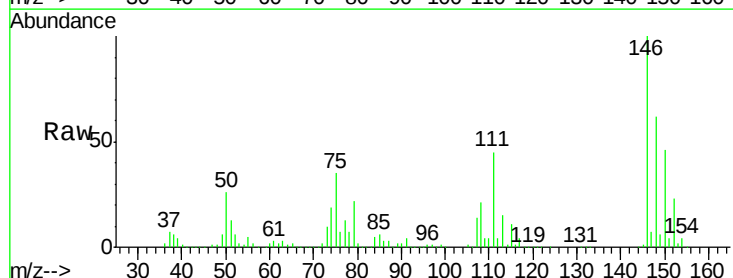
Tgt Ion:146 Resp: 536595

Ion Ratio Lower Upper

146 100

148 61.9 51.4 77.2

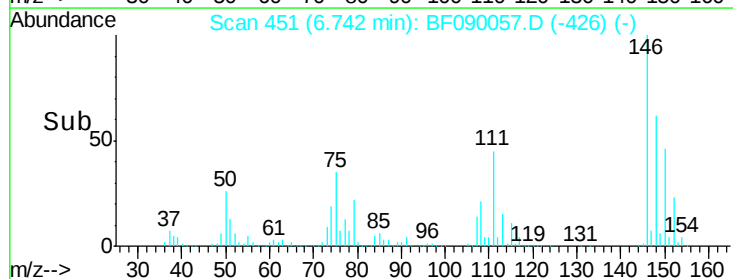
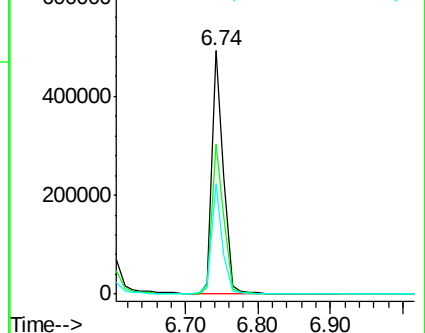
111 45.5 34.6 51.8

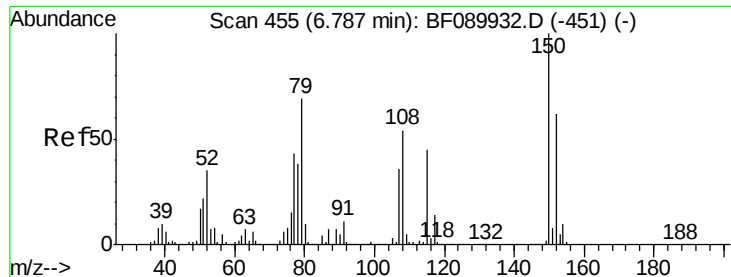


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.28 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

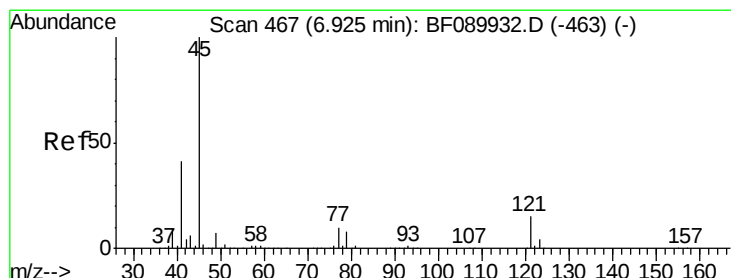
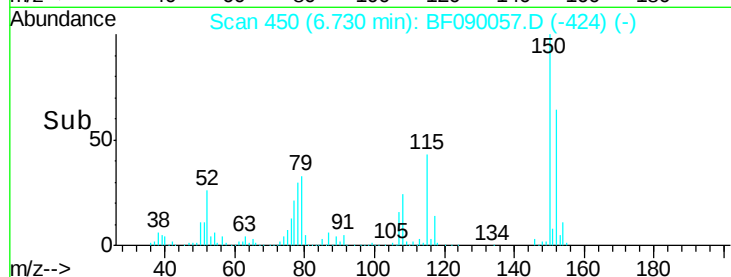
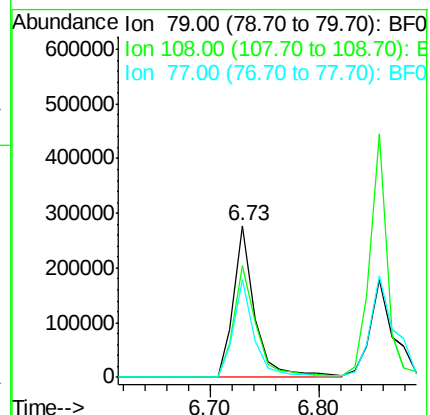
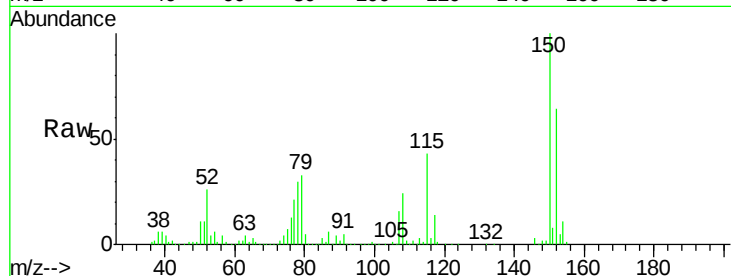
Tgt Ion: 79 Resp: 377890

Ion Ratio Lower Upper

79 100

108 73.8 62.1 93.1

77 64.2 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.55 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

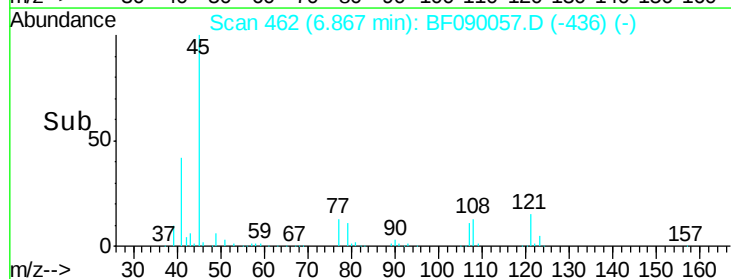
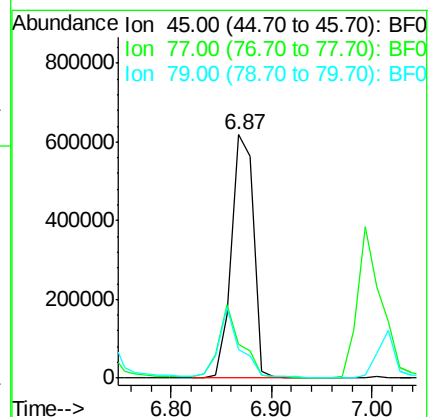
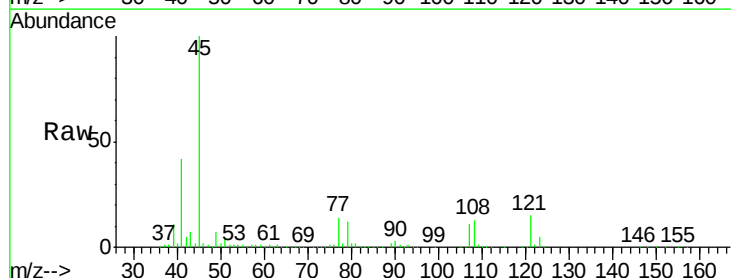
Tgt Ion: 45 Resp: 943567

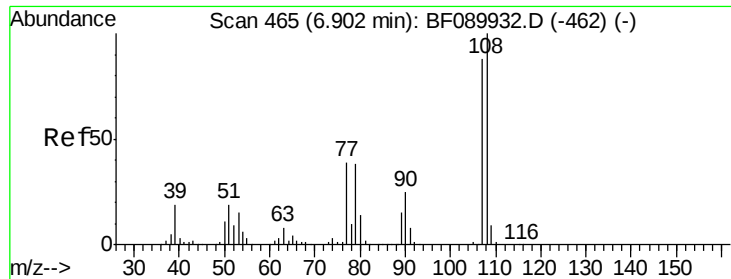
Ion Ratio Lower Upper

45 100

77 14.0 0.0 30.3

79 11.8 0.0 27.5

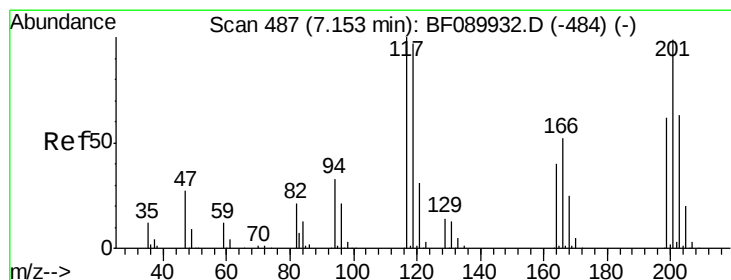
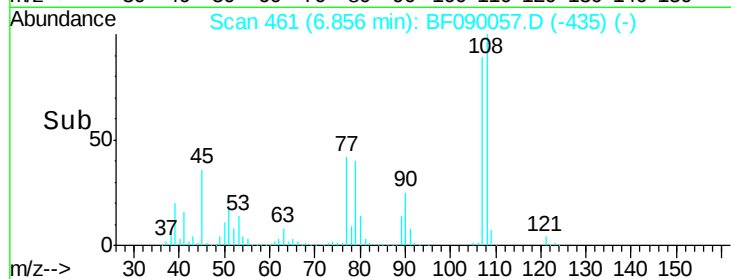
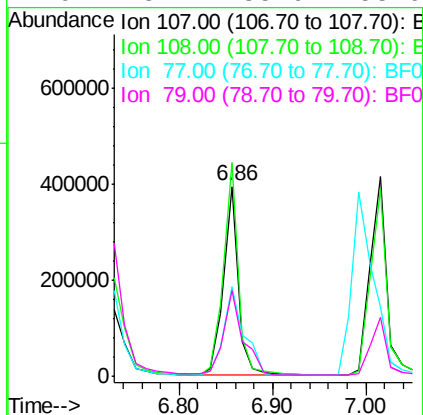
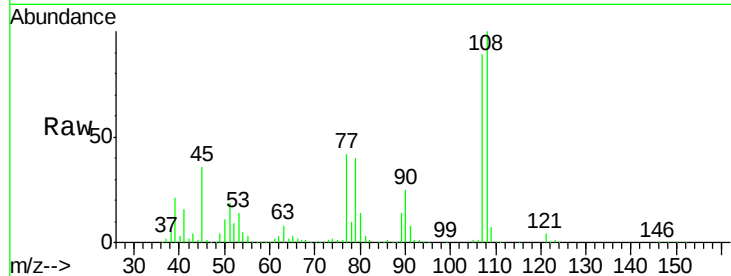




#17
2-Methylphenol
Concen: 40.86 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

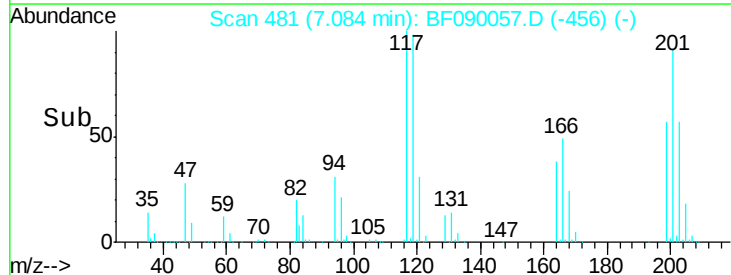
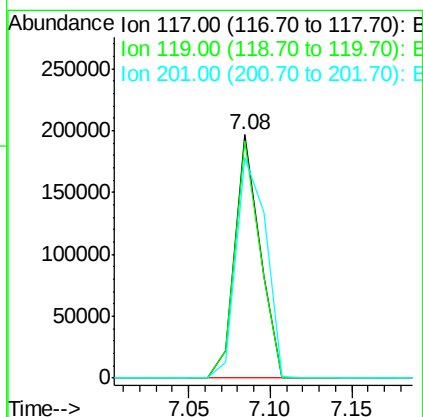
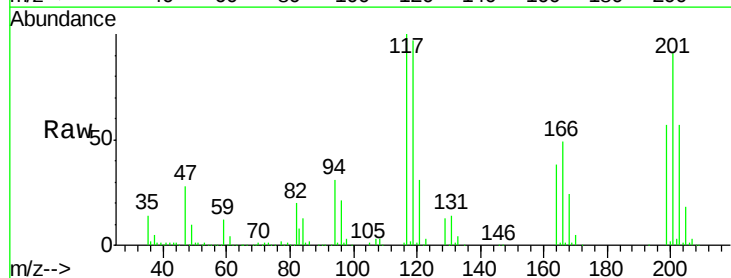
Instrument :
BNA_F
ClientSampleId :
PB93311BS

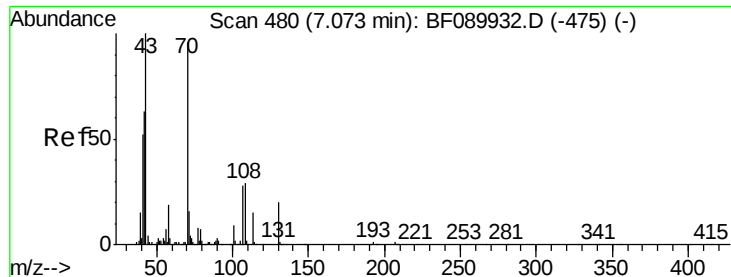
Tgt Ion	Resp	Lower	Upper
107	100		
108	112.7	91.8	137.6
77	47.2	36.0	54.0
79	45.4	35.9	53.9



#18
Hexachloroethane
Concen: 39.53 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Tgt Ion	Resp	Lower	Upper
117	100		
119	97.3	76.2	114.2
201	90.5	80.2	120.2

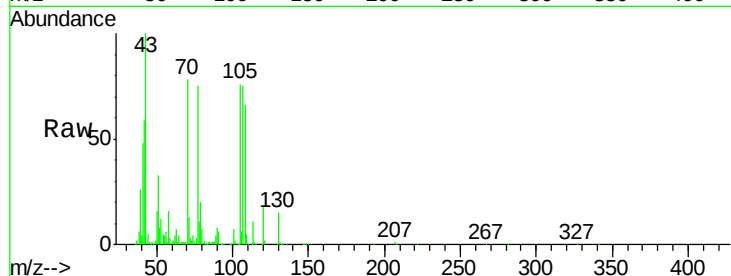




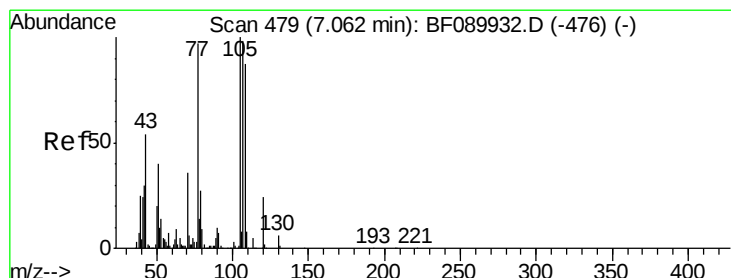
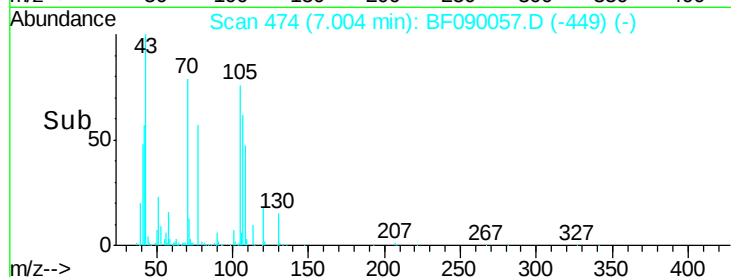
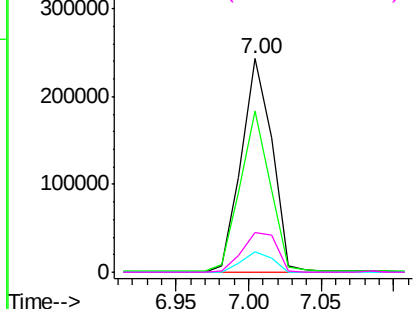
#19
 n-Nitroso-di-n-propylamine
 Concen: 36.87 ng
 RT: 7.00 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

Tgt Ion:	70	Resp:	359791
Ion	Ratio	Lower	Upper
70	100		
42	75.3	52.1	78.1
101	9.4	7.4	11.2
130	18.8	17.0	25.4

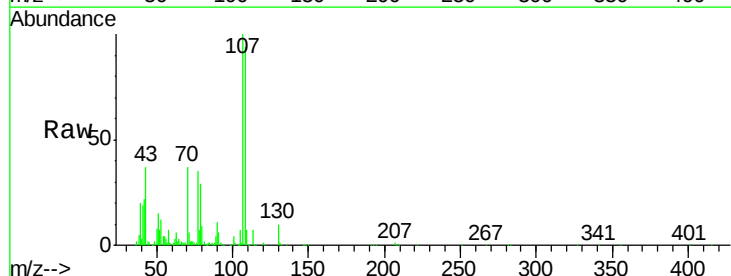


Abundance Ion 70.00 (69.70 to 70.70): BF0
 Ion 42.00 (41.70 to 42.70): BF0
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

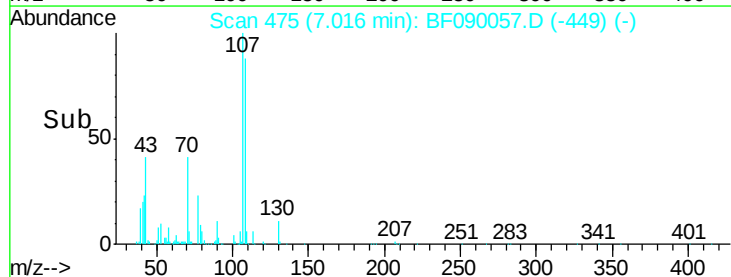
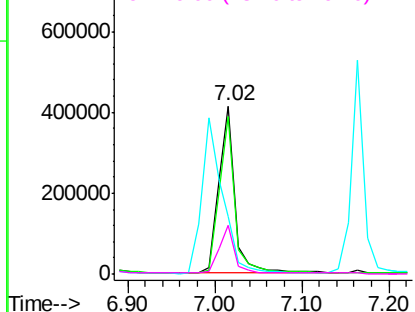


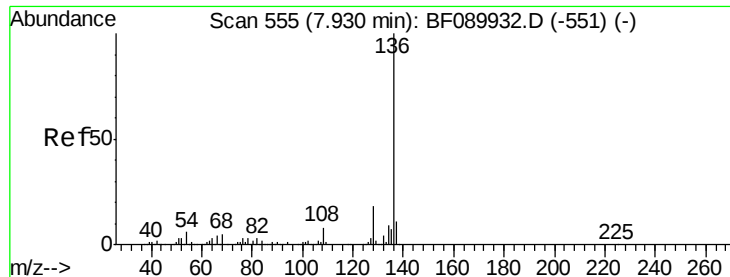
#20
 3+4-Methylphenols
 Concen: 41.85 ng
 RT: 7.02 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:	107	Resp:	541711
Ion	Ratio	Lower	Upper
107	100		
108	93.7	70.2	110.2
77	34.6	75.7	115.7#
79	29.3	7.0	47.0



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

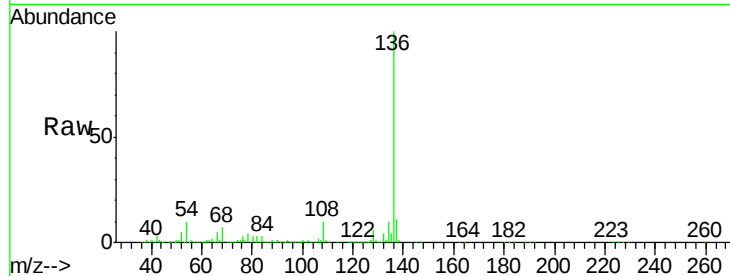




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Instrument :
BNA_F
ClientSampleId :
PB93311BS

Tgt Ion:	136	Resp:	785183
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	9.7	4.8	7.2#
68	6.6	3.7	5.5#



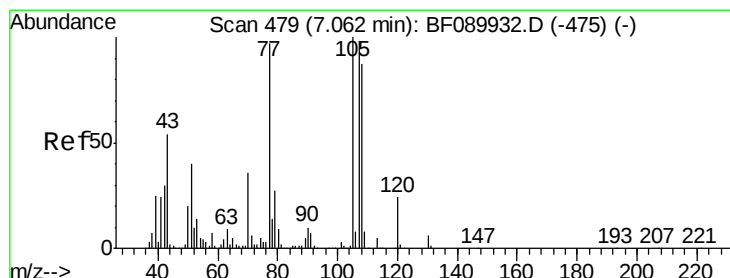
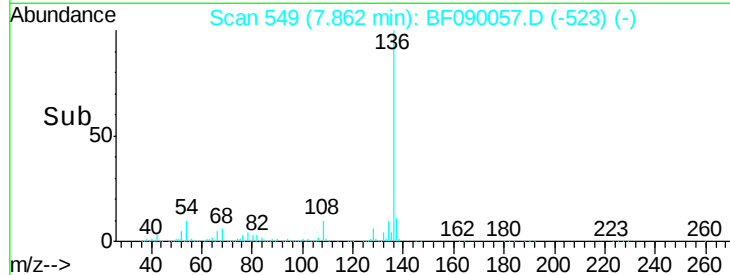
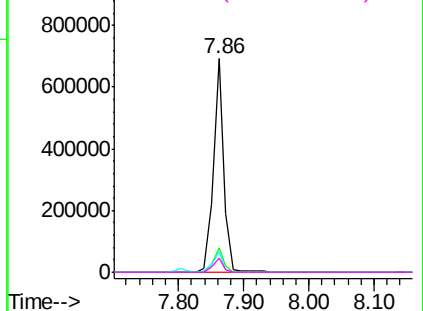
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

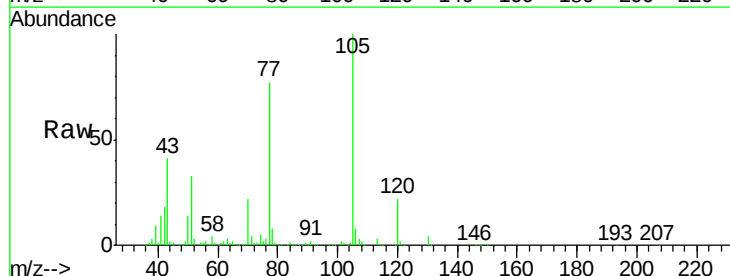
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.32 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Tgt Ion:	105	Resp:	657404
Ion	Ratio	Lower	Upper
105	100		
71	3.6	5.3	7.9#
51	32.9	32.6	48.8
120	22.0	18.6	28.0



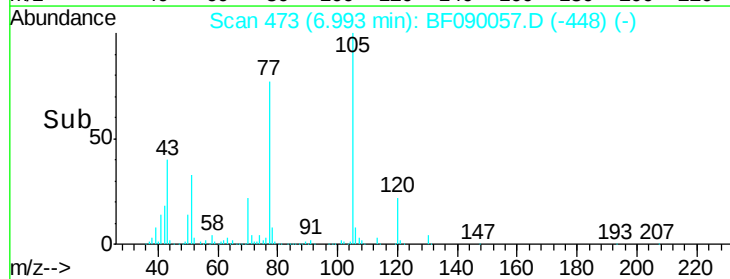
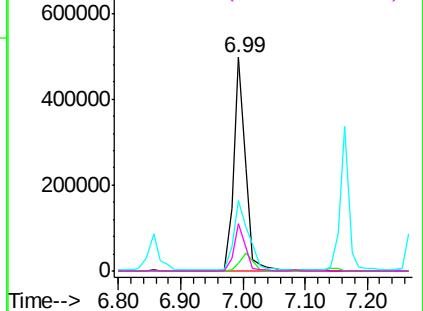
Abundance

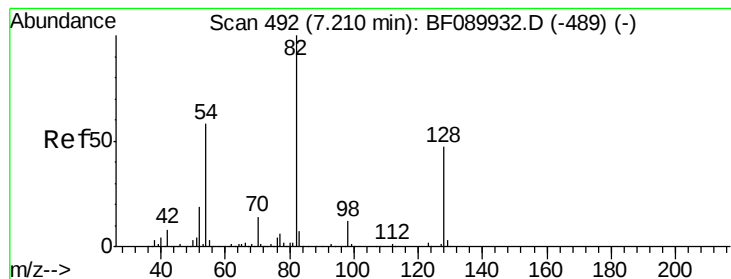
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.10 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

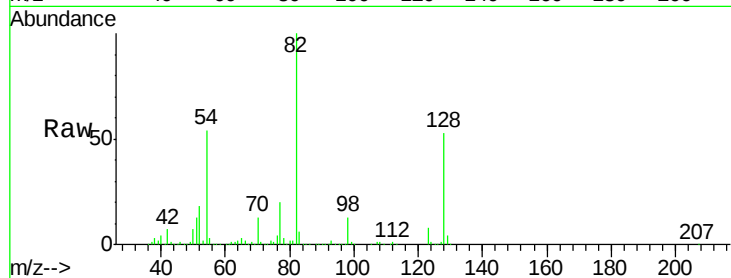
Tgt Ion: 82 Resp: 1043767

Ion Ratio Lower Upper

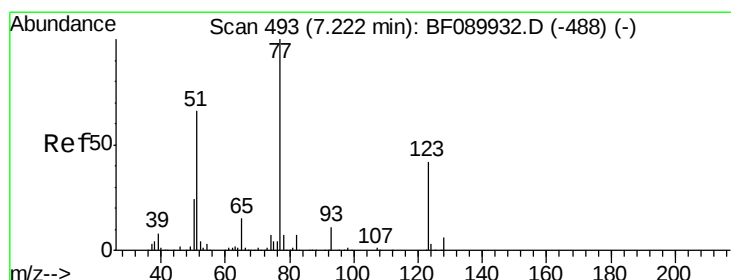
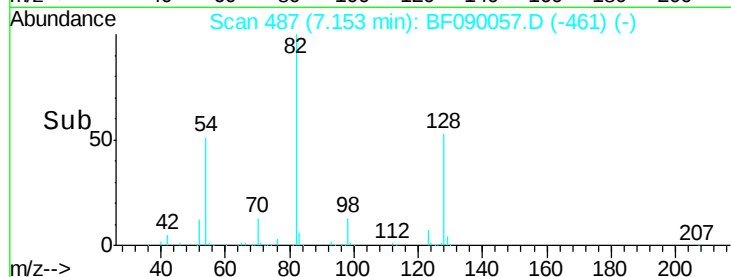
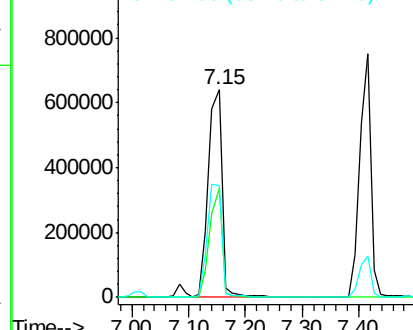
82 100

128 52.6 37.8 56.8

54 53.8 46.9 70.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.77 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

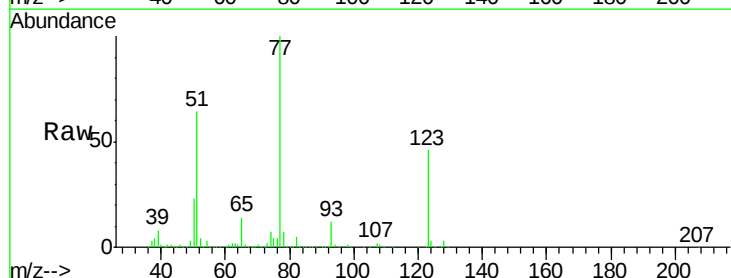
Tgt Ion: 77 Resp: 529271

Ion Ratio Lower Upper

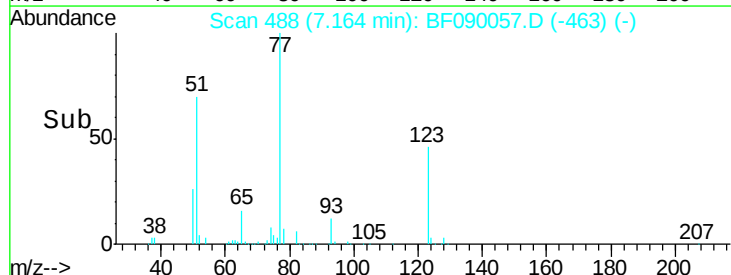
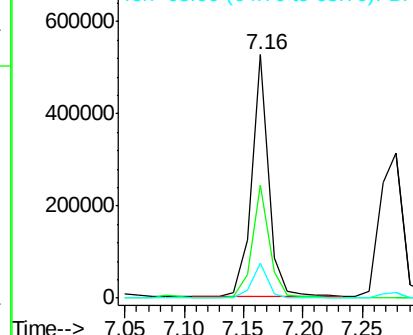
77 100

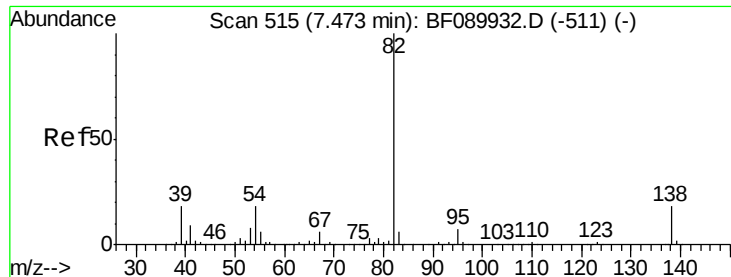
123 46.4 32.0 48.0

65 14.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.76 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

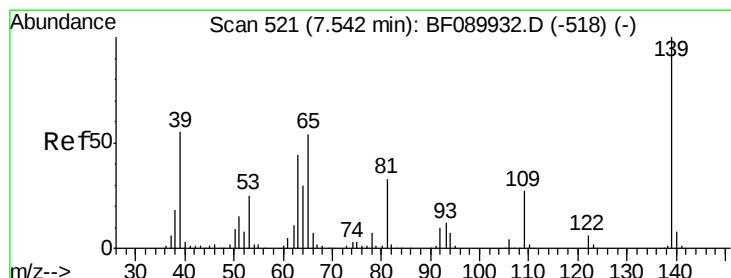
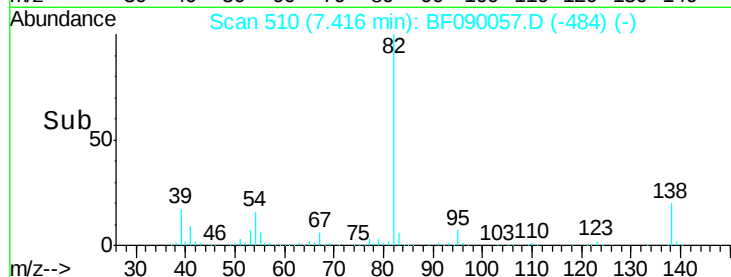
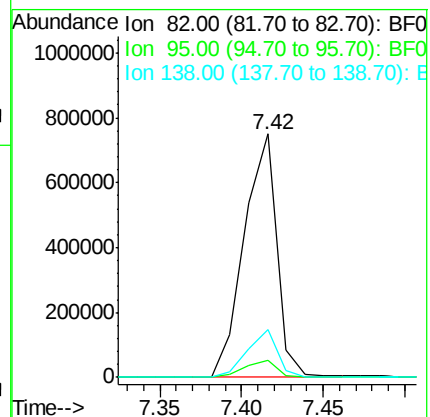
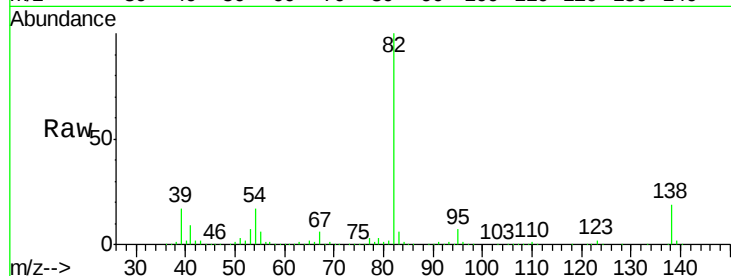
Tgt Ion: 82 Resp: 1039607

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 19.4 14.4 21.6



#26

2-Nitrophenol

Concen: 45.46 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

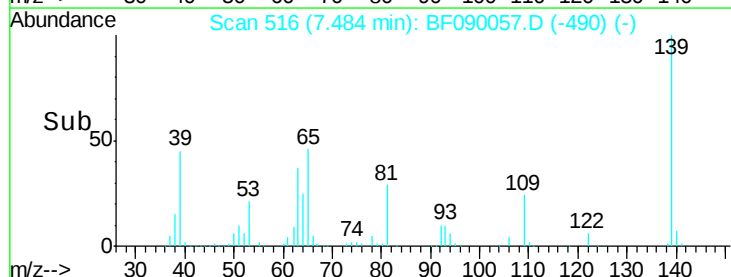
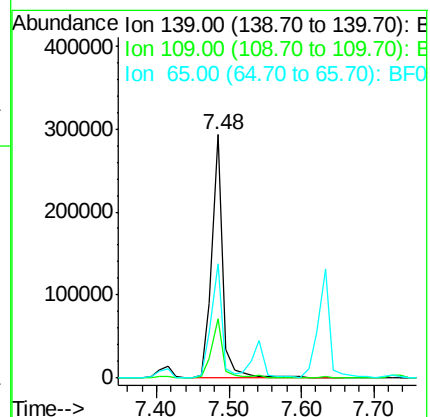
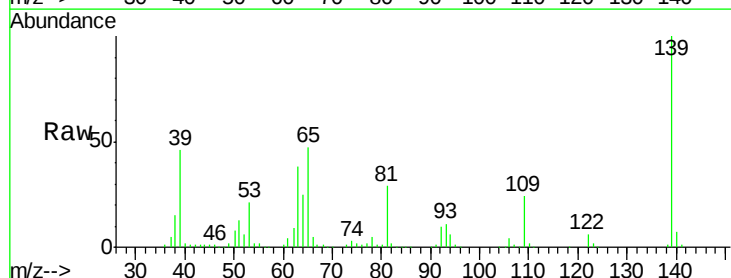
Tgt Ion: 139 Resp: 312763

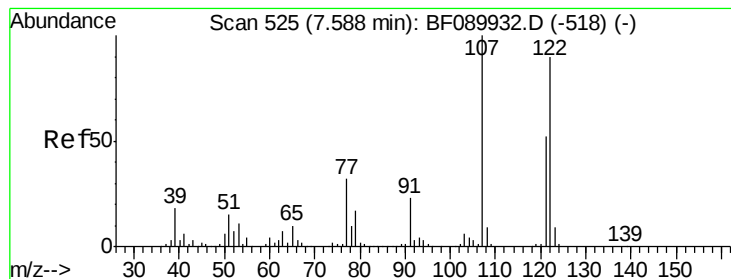
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.4

65 46.9 43.4 65.0

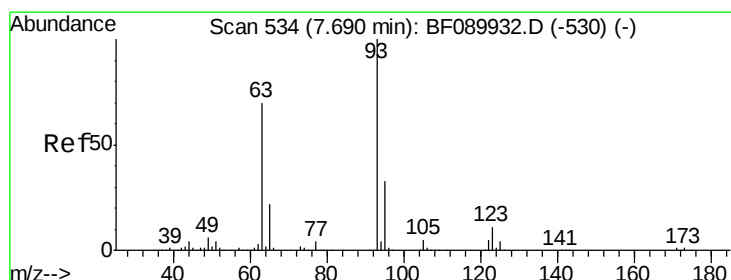
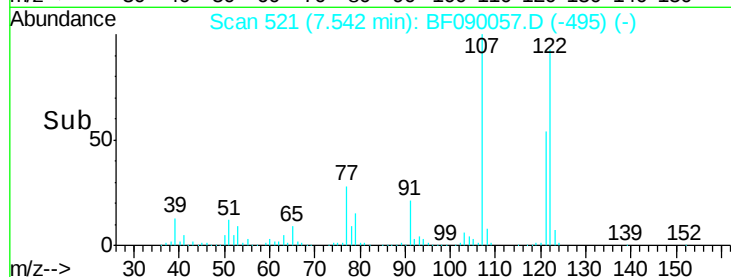
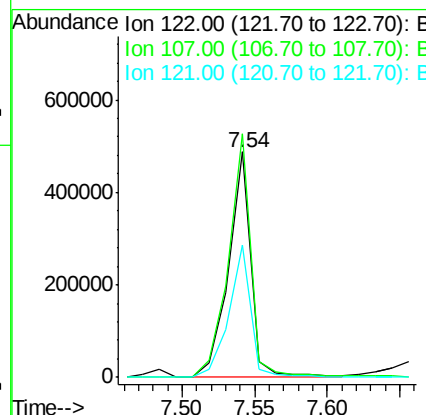
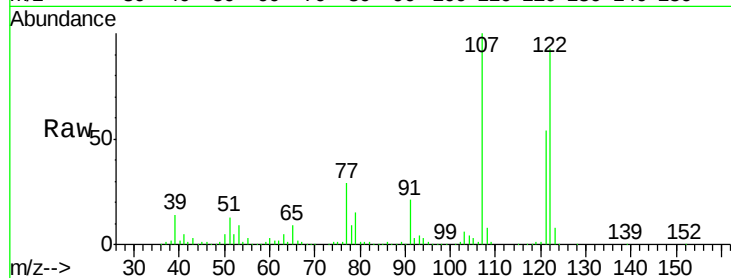




#27
 2,4-Dimethylphenol
 Concen: 40.97 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

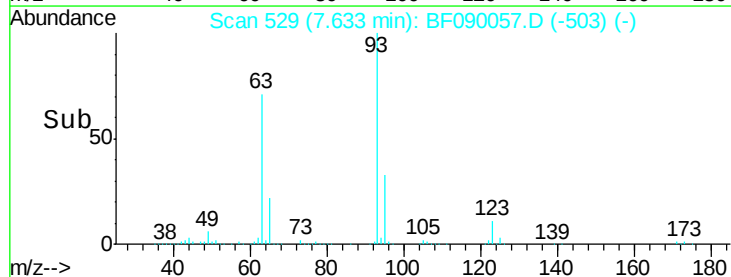
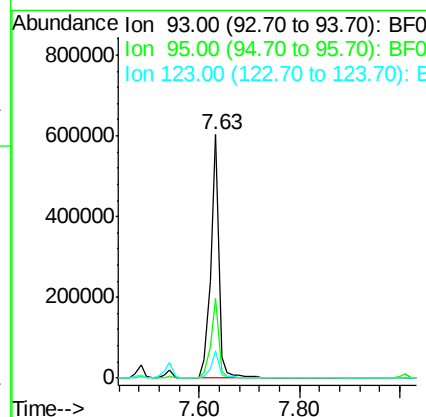
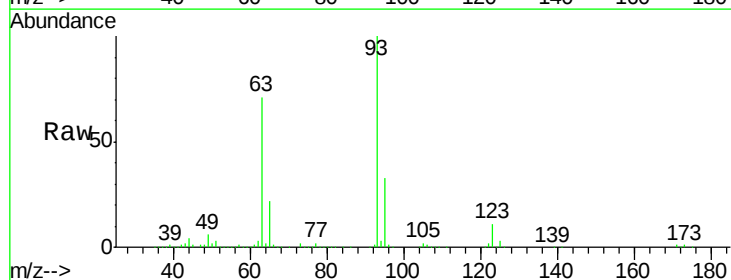
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

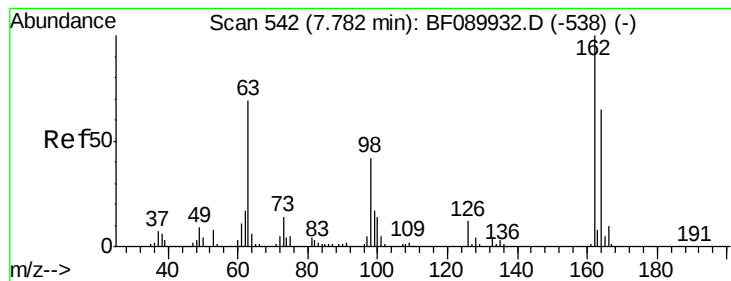
Tgt Ion:122 Resp: 521396
 Ion Ratio Lower Upper
 122 100
 107 107.9 88.5 132.7
 121 58.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.08 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion: 93 Resp: 682198
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 40.0
 123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.67 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

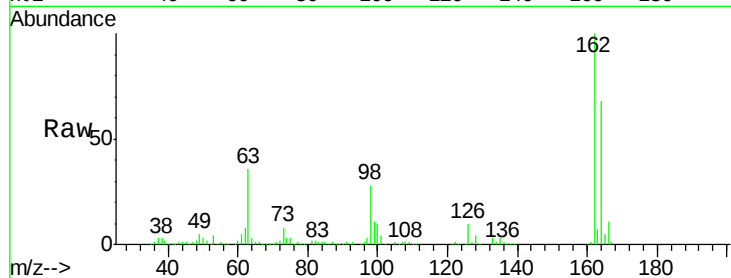
Tgt Ion:162 Resp: 475428

Ion Ratio Lower Upper

162 100

164 68.4 46.6 86.6

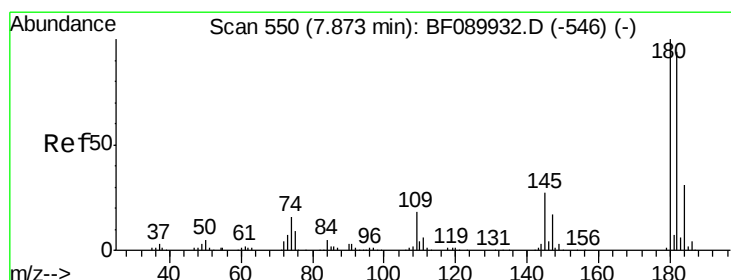
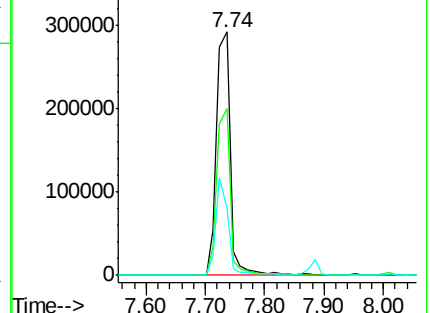
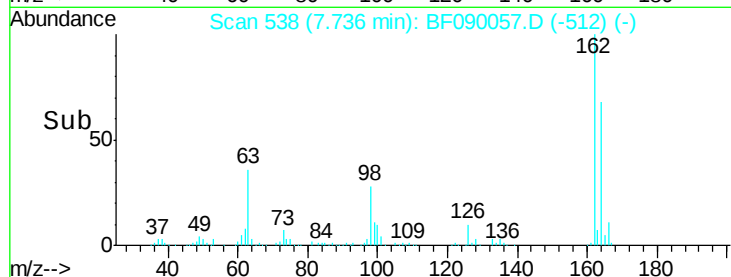
98 27.6 22.0 62.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.37 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

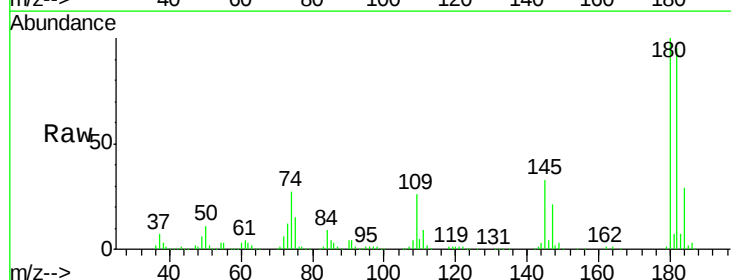
Tgt Ion:180 Resp: 503538

Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

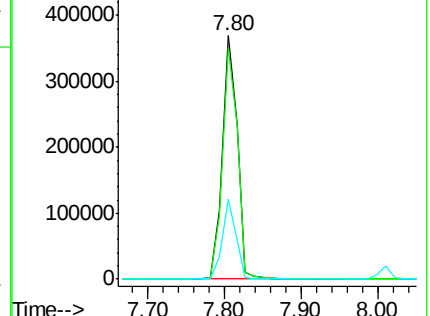
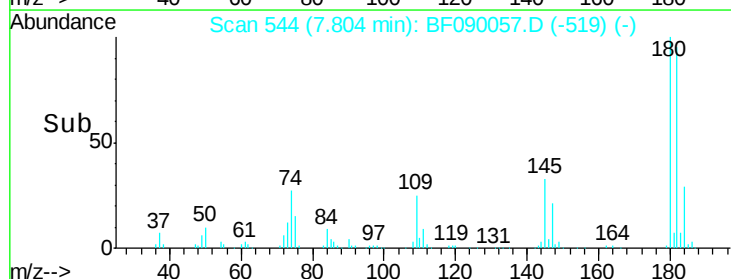
145 32.9 22.2 33.4

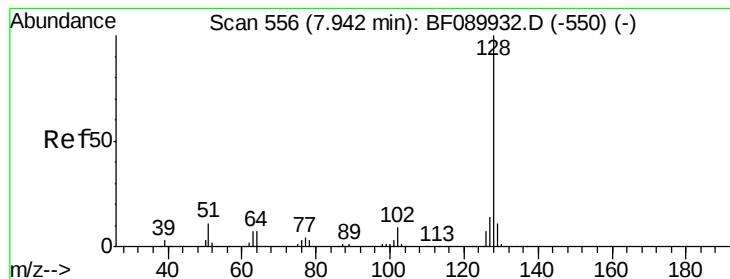


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.46 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

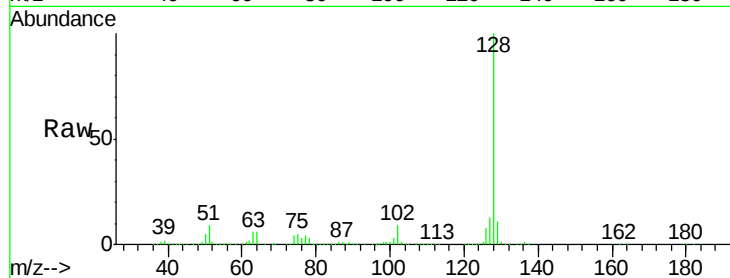
Tgt Ion:128 Resp: 1543444

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

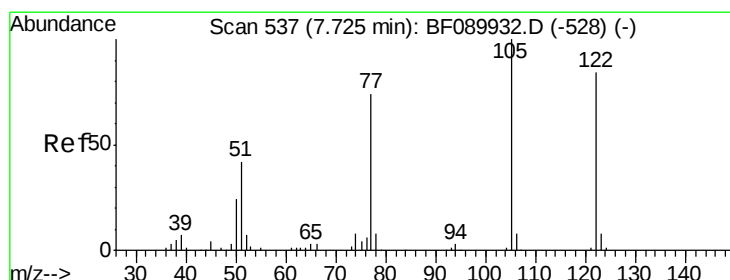
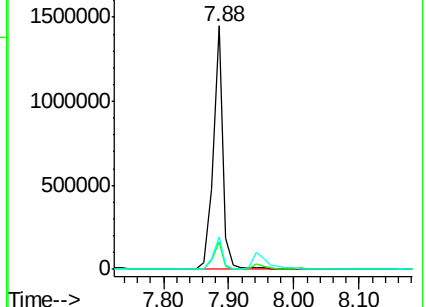
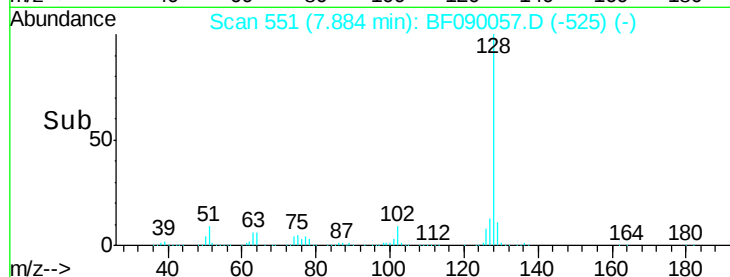
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.03 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

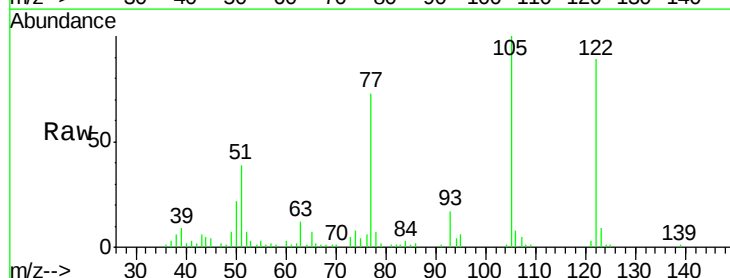
Tgt Ion:122 Resp: 94583

Ion Ratio Lower Upper

122 100

105 111.7 102.2 142.2

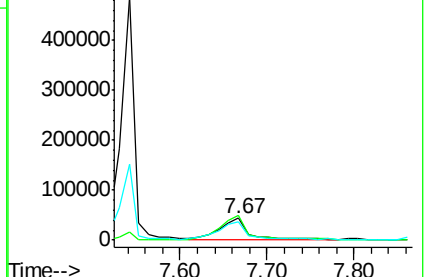
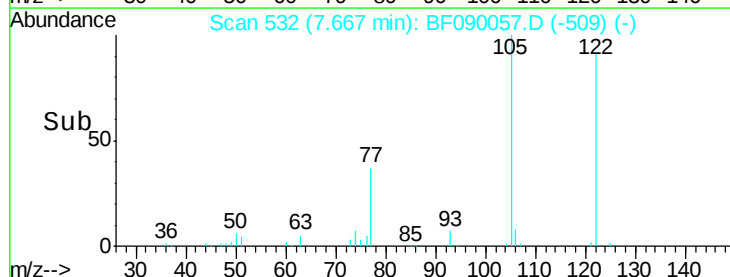
77 81.4 74.1 114.1

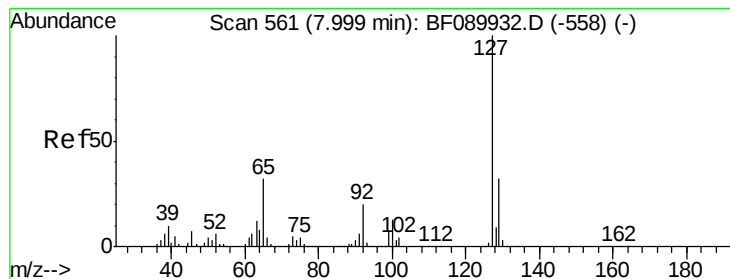


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.48 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

Tgt Ion:127 Resp: 181120

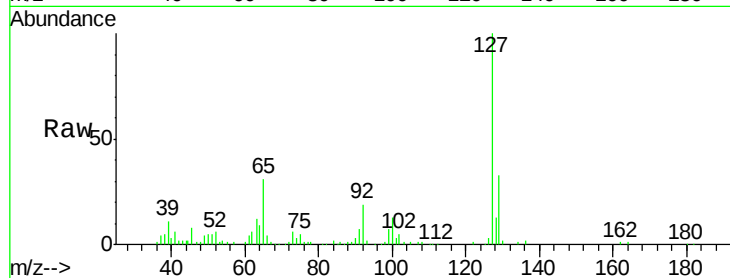
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 31.3 26.0 39.0

92 19.1 15.9 23.9

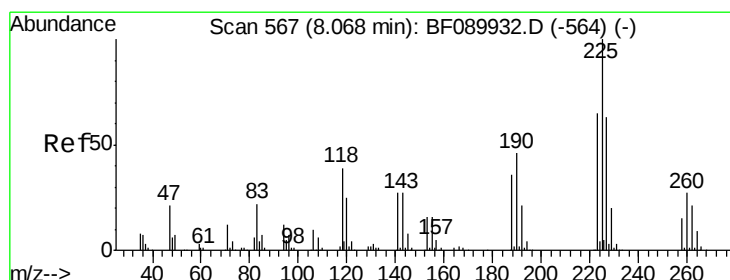
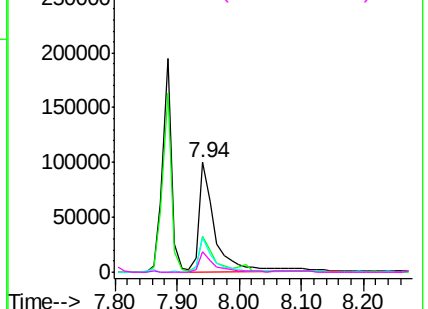
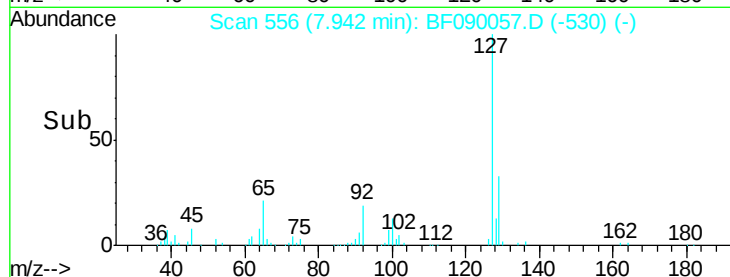


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.15 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

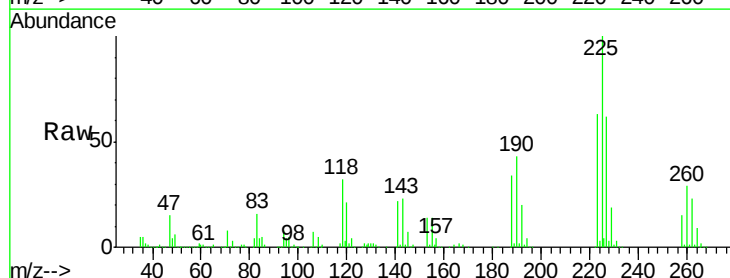
Tgt Ion:225 Resp: 293515

Ion Ratio Lower Upper

225 100

223 62.5 52.6 78.8

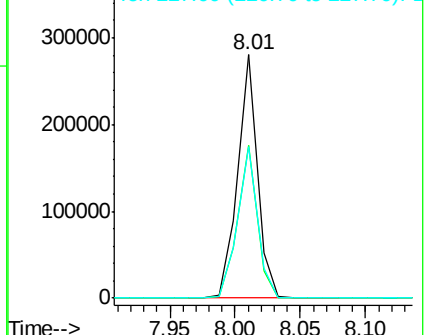
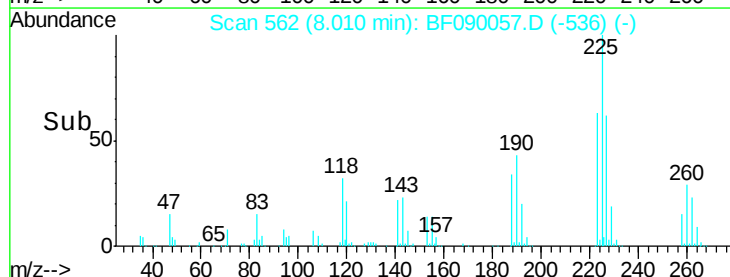
227 62.4 50.8 76.2

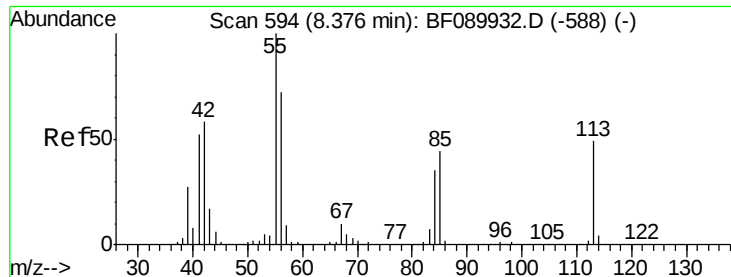


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

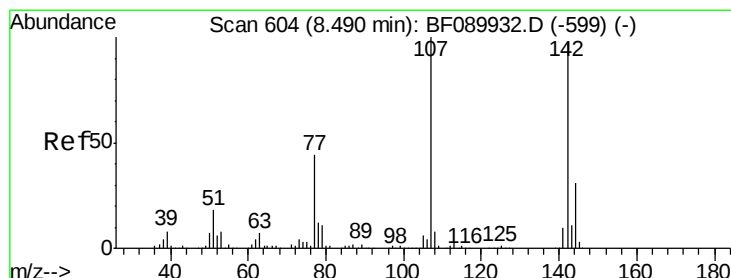
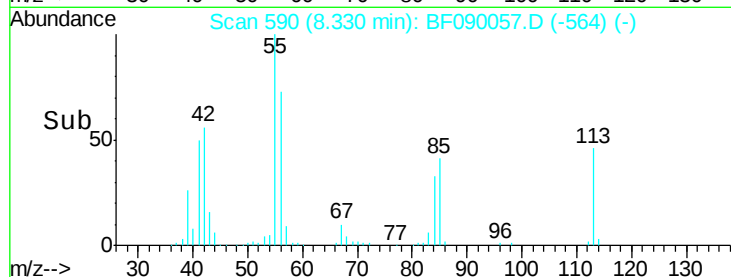
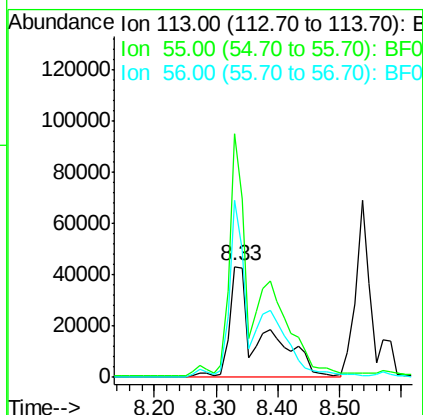
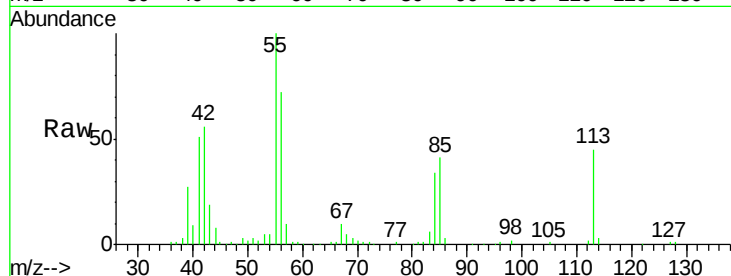




#35
 Caprolactam
 Concen: 43.47 ng m
 RT: 8.33 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

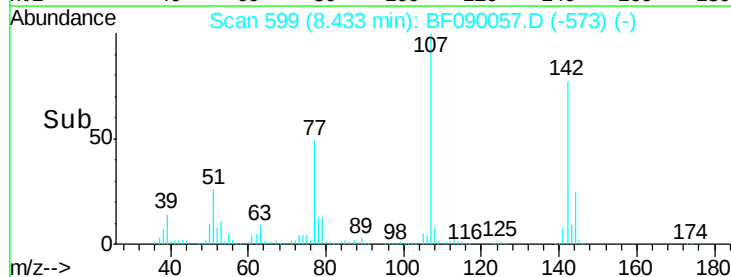
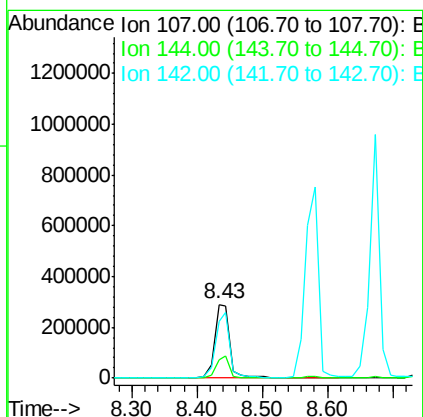
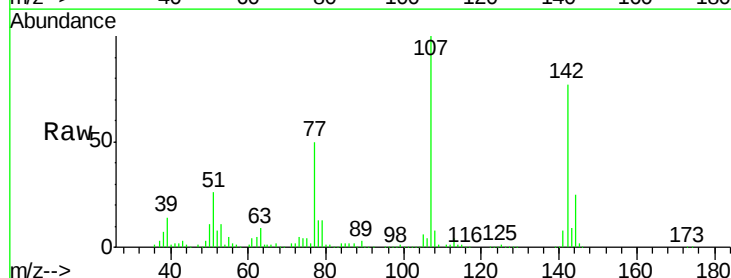
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

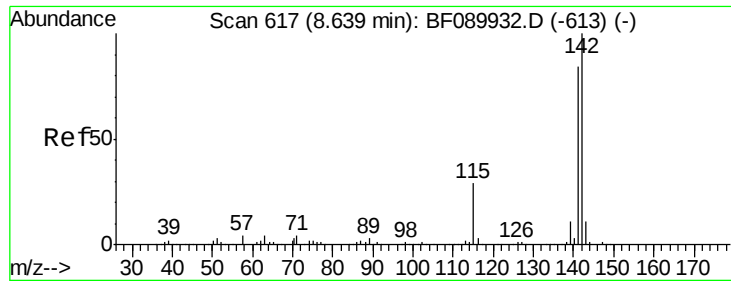
Tgt Ion:113 Resp: 156547
 Ion Ratio Lower Upper
 113 100
 55 220.0 178.5 218.5#
 56 159.4 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.07 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:107 Resp: 484171
 Ion Ratio Lower Upper
 107 100
 144 24.7 25.8 38.8#
 142 77.4 79.2 118.8#

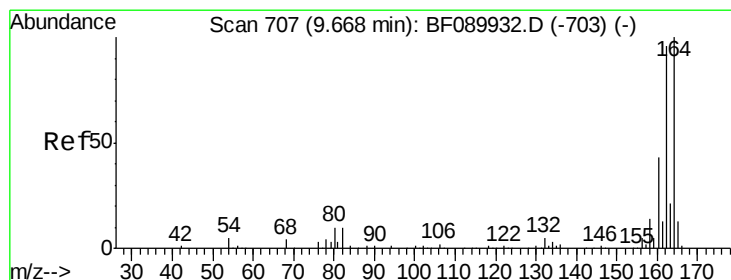
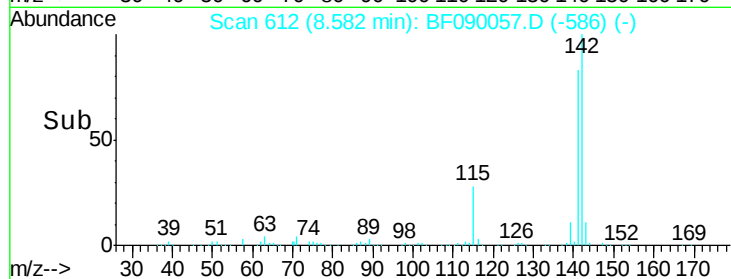
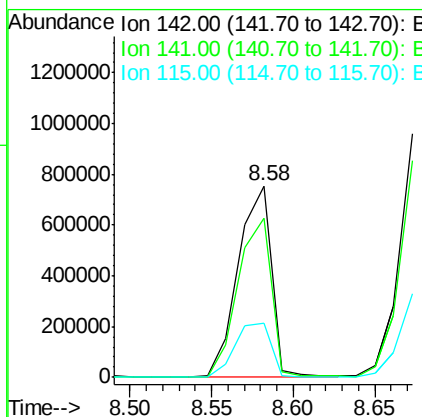
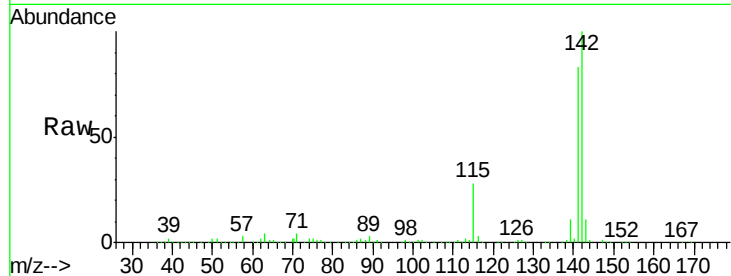




#37
 2-Methylnaphthalene
 Concen: 41.45 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

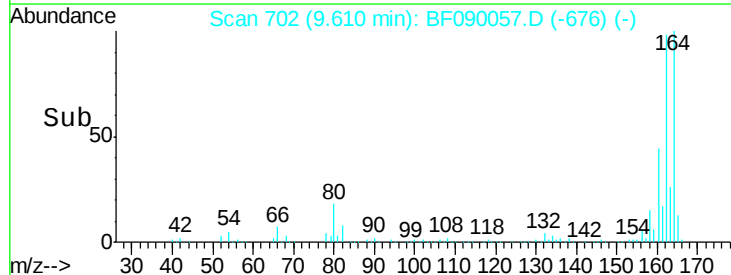
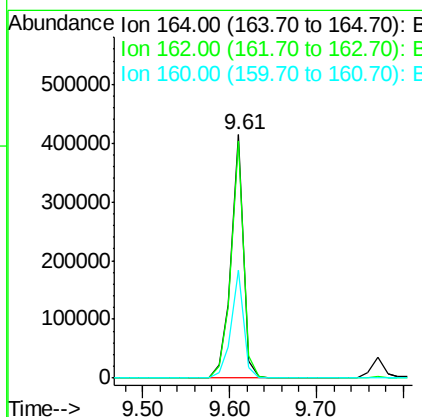
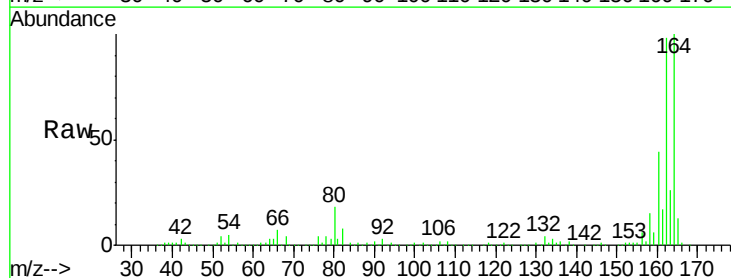
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

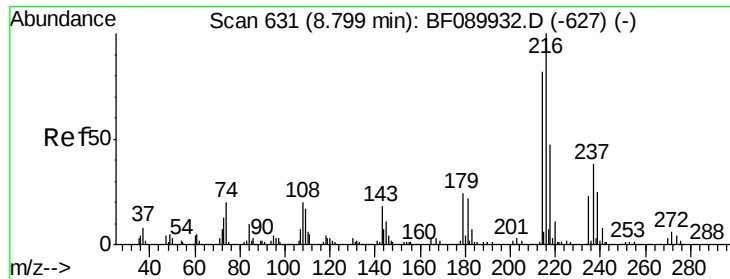
Tgt Ion:142 Resp: 1071373
 Ion Ratio Lower Upper
 142 100
 141 83.4 68.3 102.5
 115 28.2 23.8 35.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:164 Resp: 412487
 Ion Ratio Lower Upper
 164 100
 162 97.7 77.1 115.7
 160 44.5 35.3 52.9

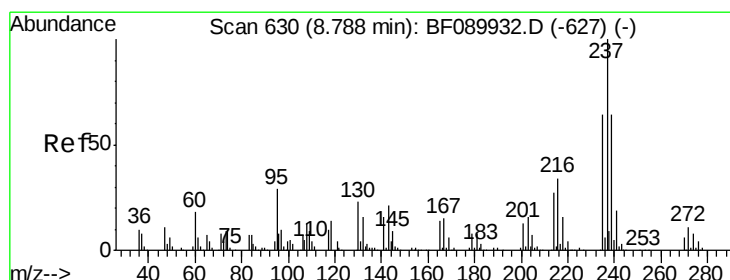
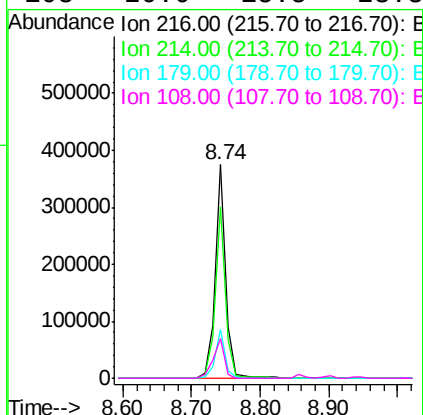
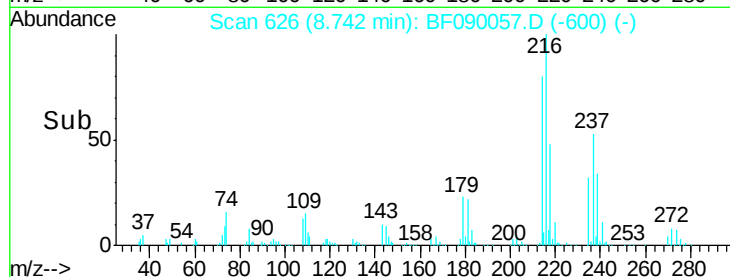
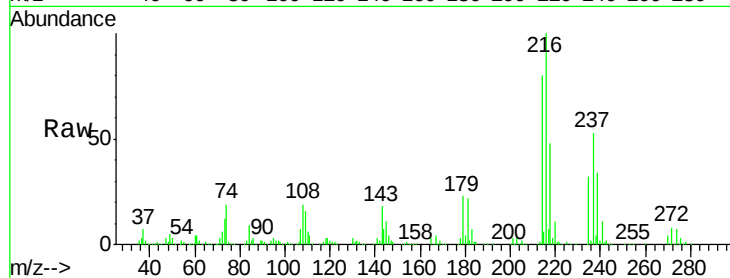




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.52 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

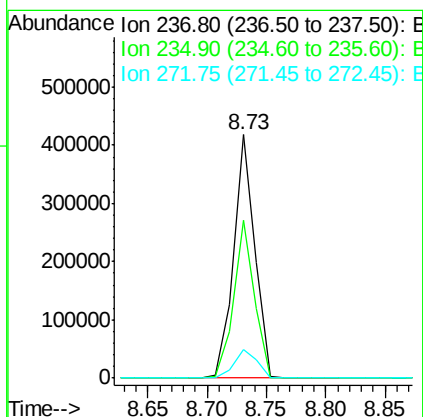
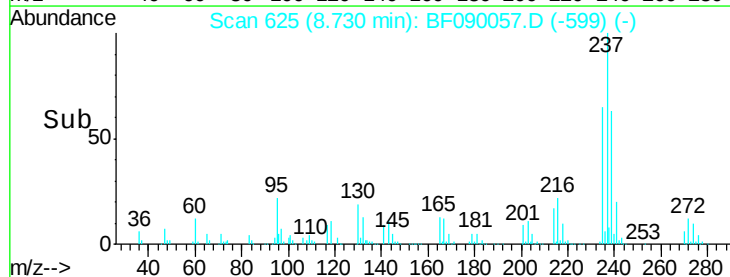
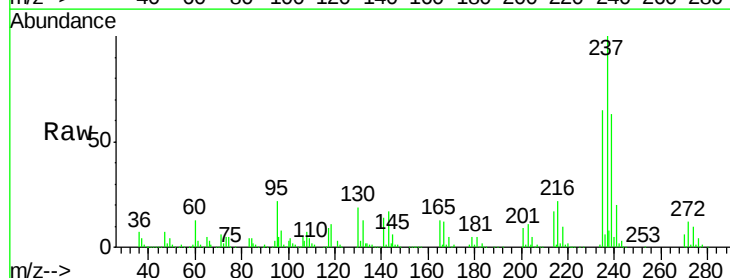
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

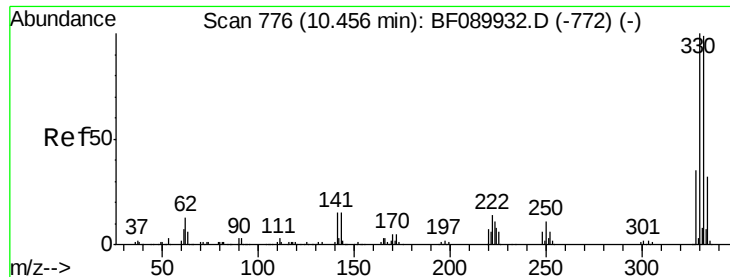
Tgt Ion:	216	Resp:	405089
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	21.2	17.3	25.9
108	20.0	15.5	23.3



#40
 Hexachlorocyclopentadiene
 Concen: 83.19 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:	237	Resp:	515459
Ion	Ratio	Lower	Upper
237	100		
235	64.9	39.6	79.6
272	11.8	0.0	34.6

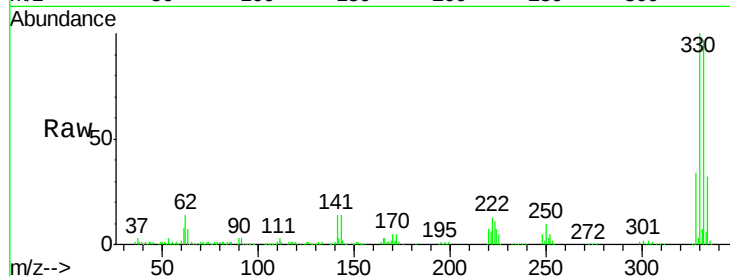




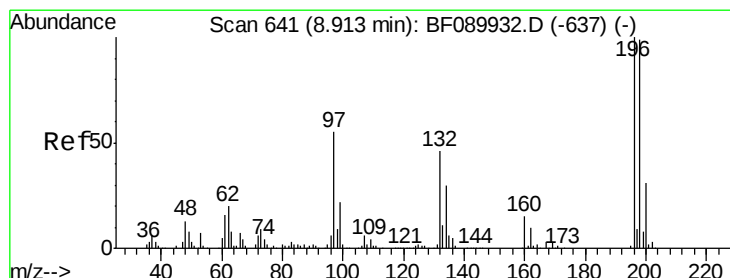
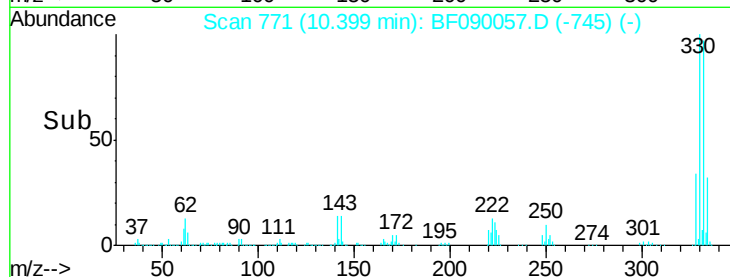
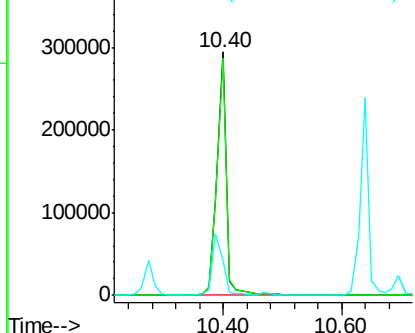
#41
 2,4,6-Tribromophenol
 Concen: 78.69 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

Tgt Ion:330 Resp: 320211
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.6 117.8
 141 27.8 23.3 34.9

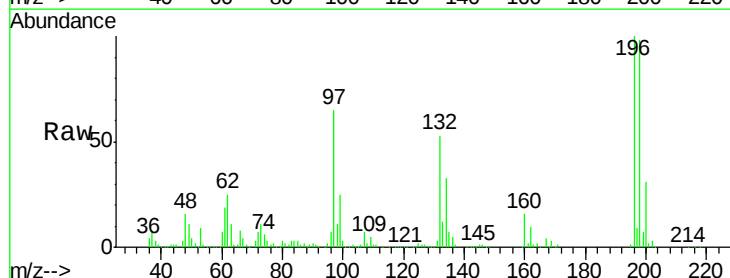


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

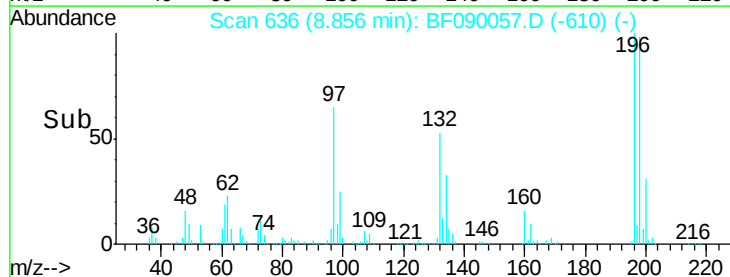
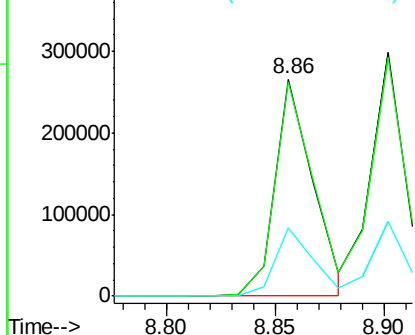


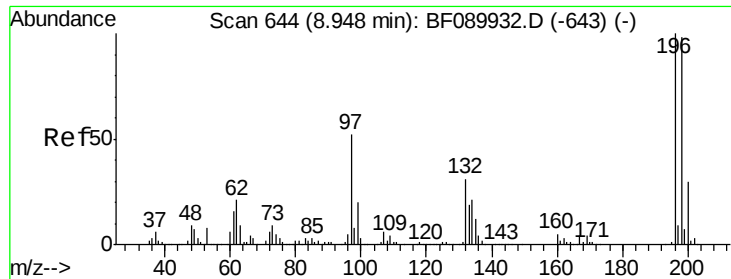
#42
 2,4,6-Trichlorophenol
 Concen: 38.91 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:196 Resp: 325875
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.3 117.5
 200 31.2 24.8 37.2



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

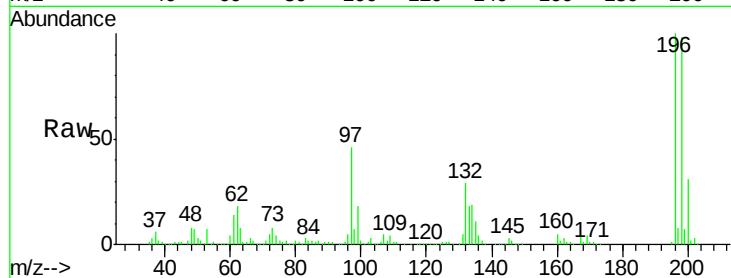




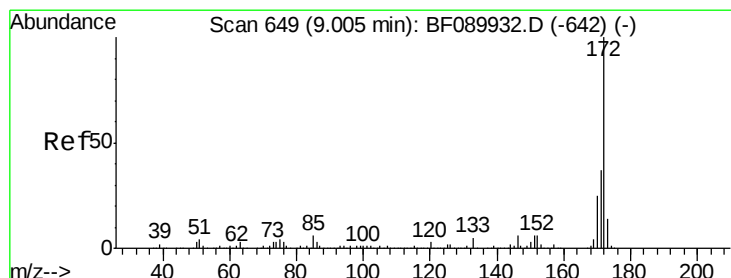
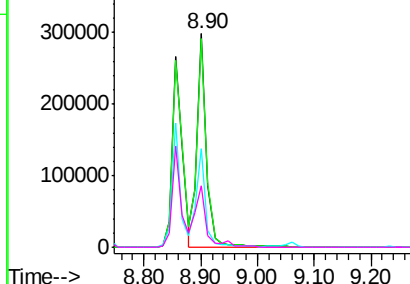
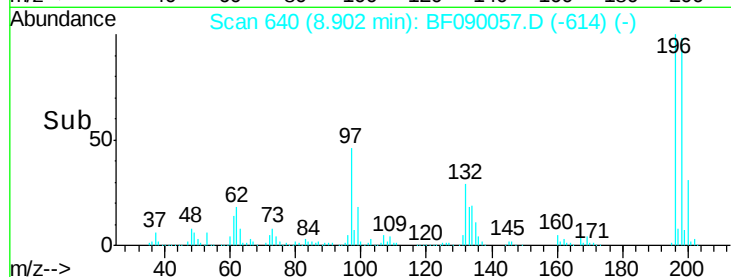
#43
 2,4,5-Trichlorophenol
 Concen: 43.20 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

Tgt Ion:196 Resp: 347878
 Ion Ratio Lower Upper
 196 100
 198 97.7 80.8 121.2
 97 46.4 44.2 66.4
 132 28.7 25.8 38.6

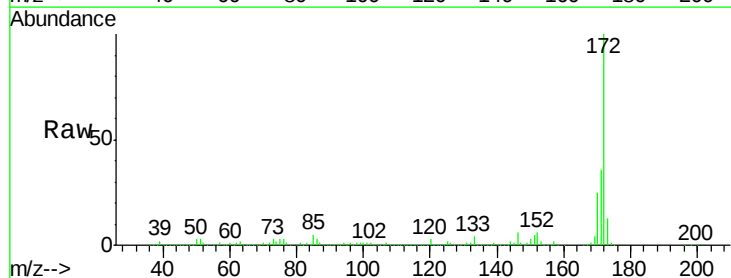


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

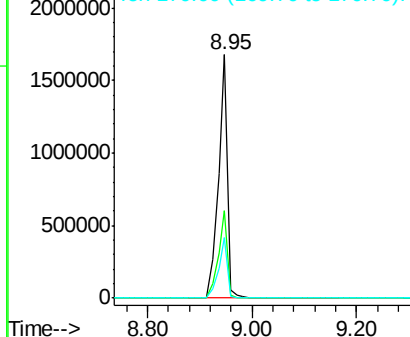
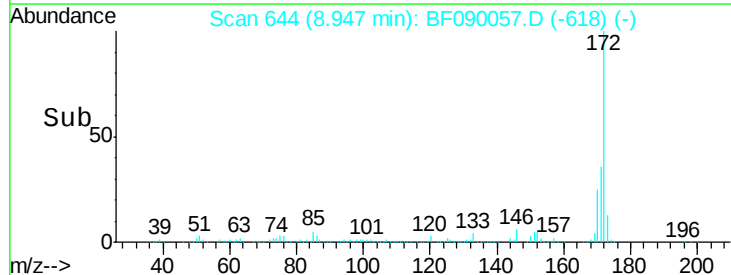


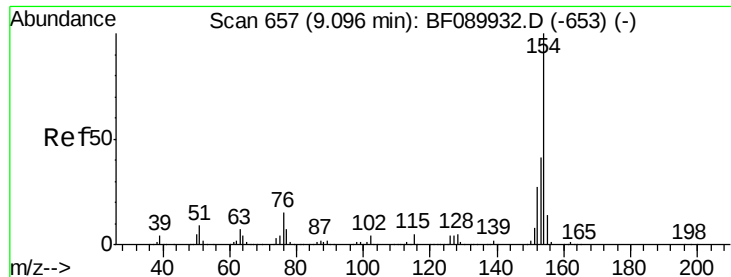
#44
 2-Fluorobiphenyl
 Concen: 79.90 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:172 Resp: 2007640
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.7 20.1 30.1



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

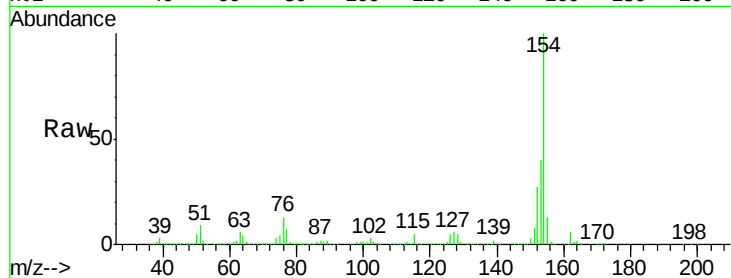




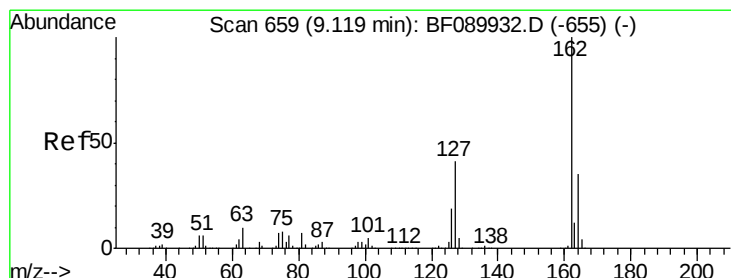
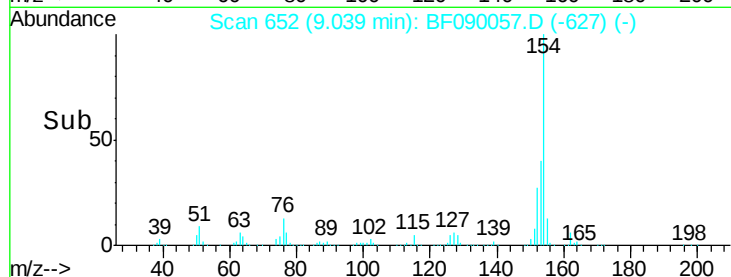
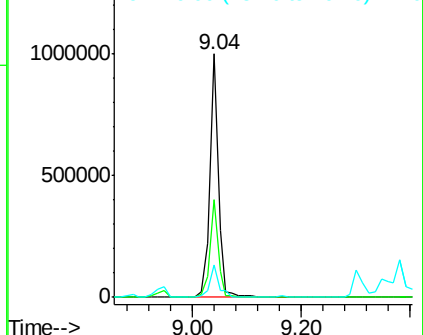
#45
 1,1'-Biphenyl
 Concen: 33.02 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

Tgt Ion:154 Resp: 1096766
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 13.2 0.0 34.9

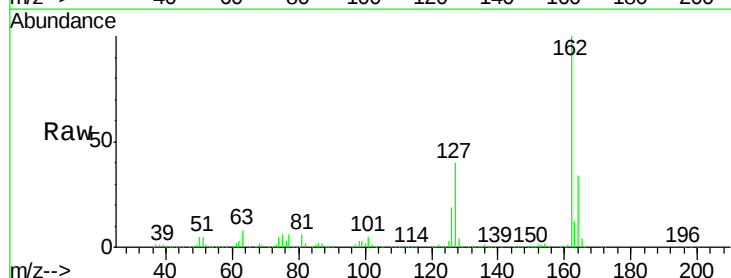


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

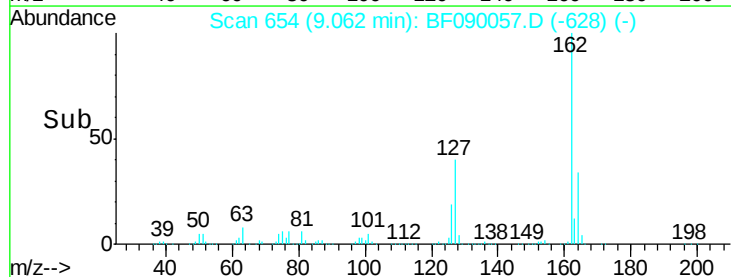
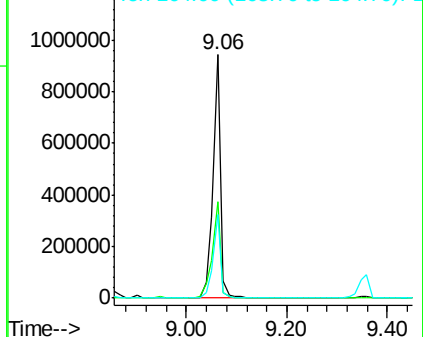


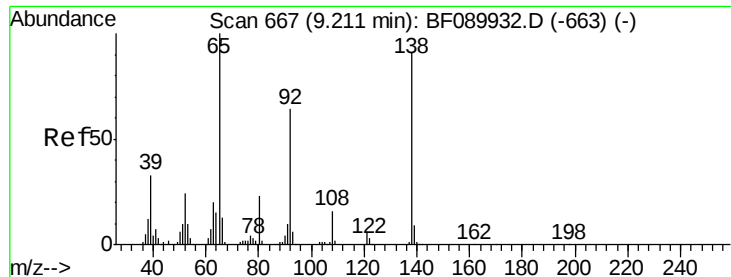
#46
 2-Chloronaphthalene
 Concen: 41.98 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:162 Resp: 986347
 Ion Ratio Lower Upper
 162 100
 127 39.5 33.5 50.3
 164 34.3 28.2 42.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.28 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

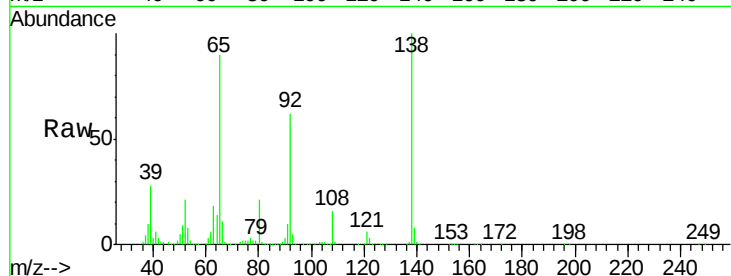
Tgt Ion: 65 Resp: 324735

Ion Ratio Lower Upper

65 100

92 69.2 52.0 78.0

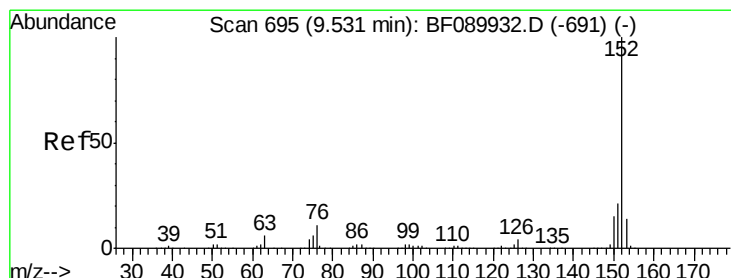
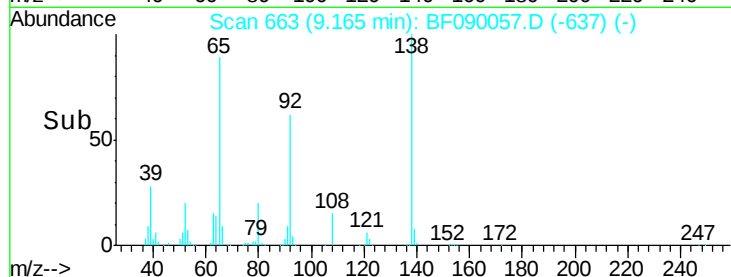
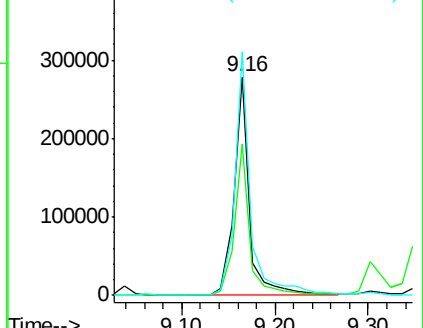
138 111.7 72.1 108.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.23 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

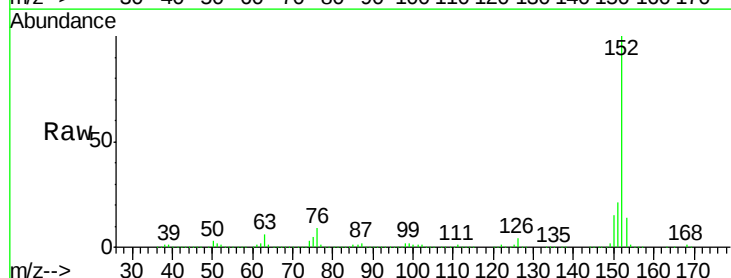
Tgt Ion: 152 Resp: 1562734

Ion Ratio Lower Upper

152 100

151 20.7 16.7 25.1

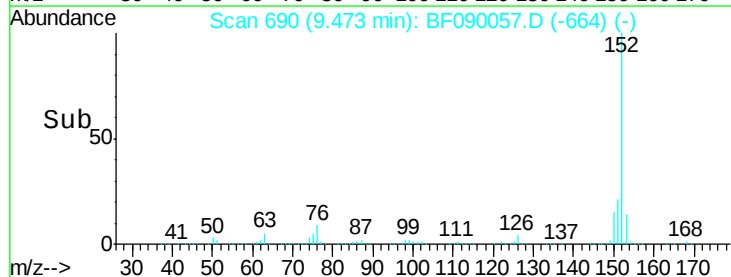
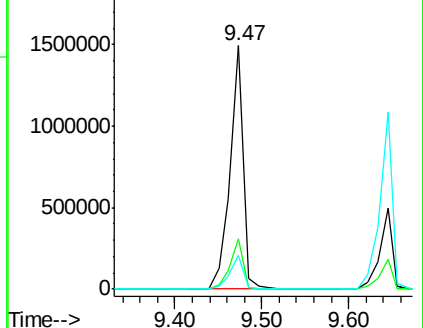
153 14.1 11.6 17.4

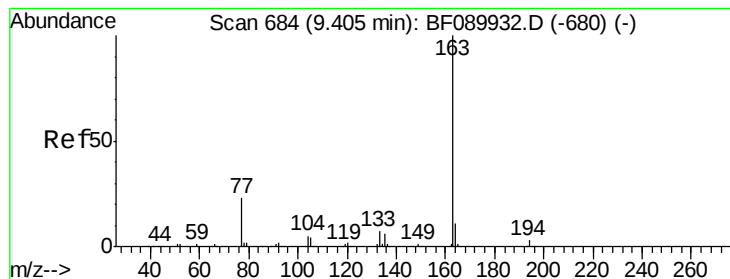


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.39 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

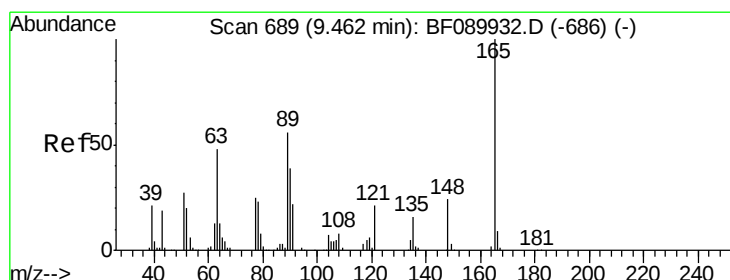
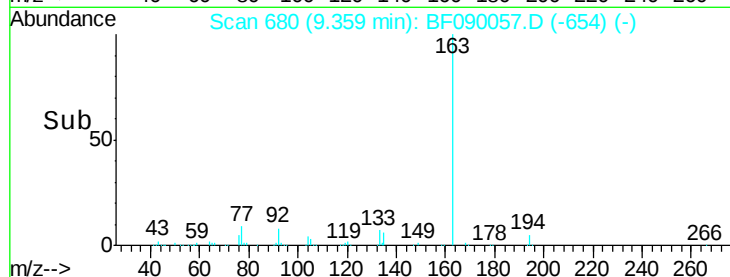
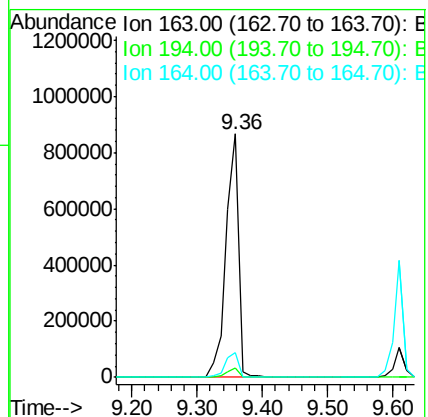
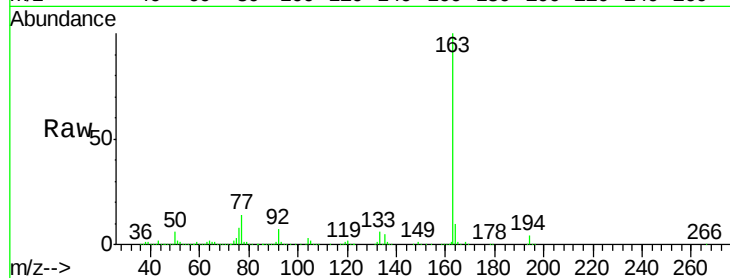
Tgt Ion:163 Resp: 1174384

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

164 10.3 9.0 13.4



#50

2,6-Dinitrotoluene

Concen: 39.99 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

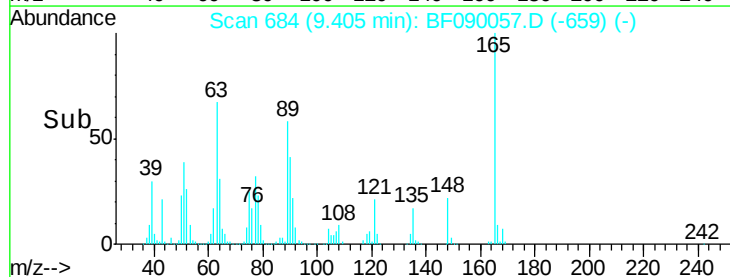
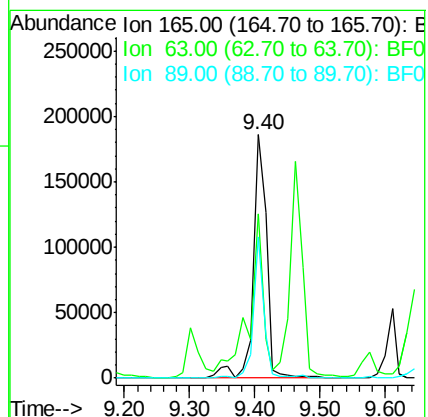
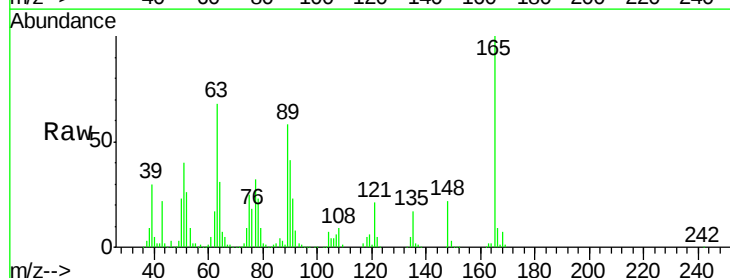
Tgt Ion:165 Resp: 265141

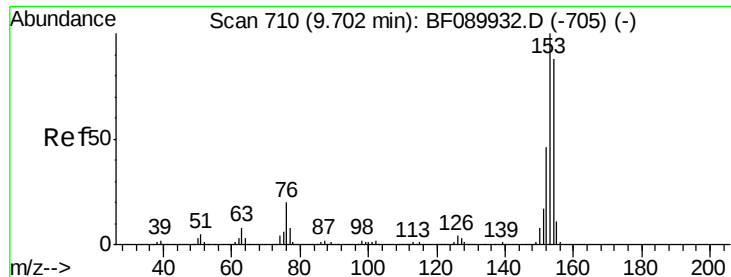
Ion Ratio Lower Upper

165 100

63 67.6 45.0 67.4#

89 58.1 41.5 62.3





#51

Acenaphthene

Concen: 39.47 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

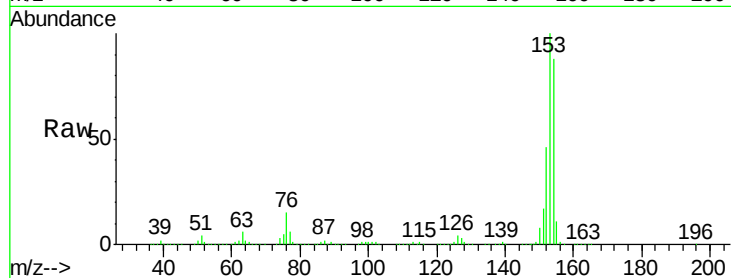
Tgt Ion:154 Resp: 971525

Ion Ratio Lower Upper

154 100

153 113.7 90.6 135.8

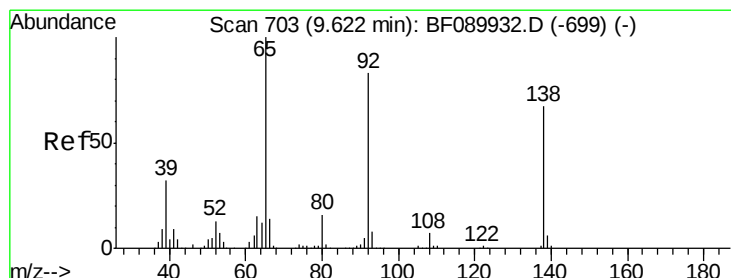
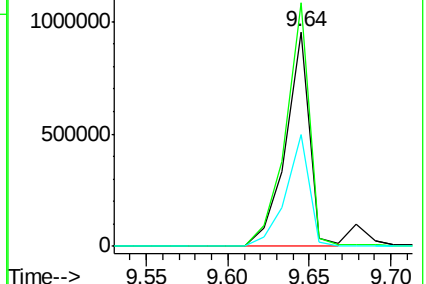
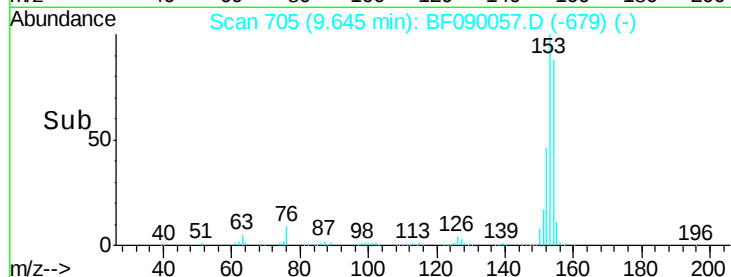
152 52.2 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.11 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

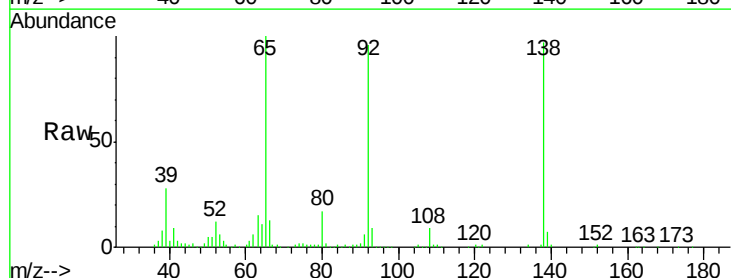
Tgt Ion:138 Resp: 174811

Ion Ratio Lower Upper

138 100

108 9.0 8.3 12.5

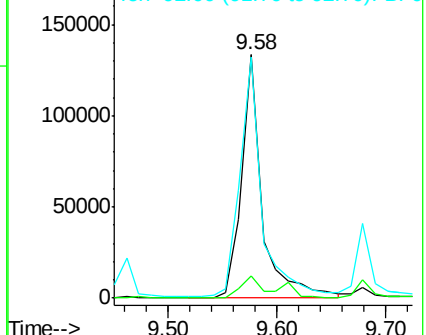
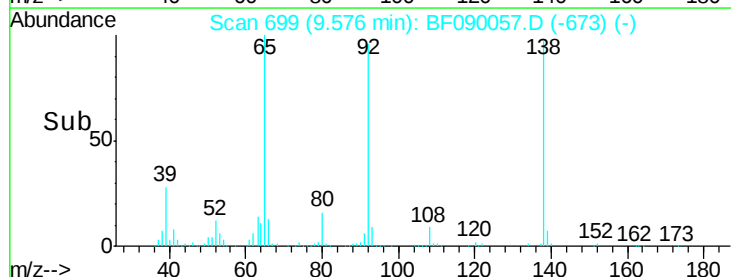
92 99.2 99.1 148.7

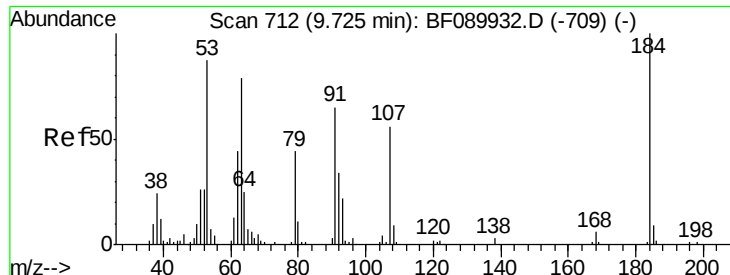


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

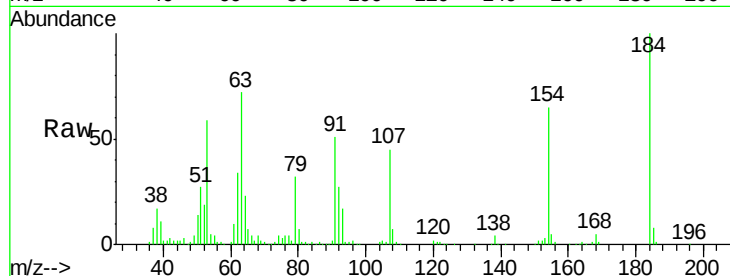




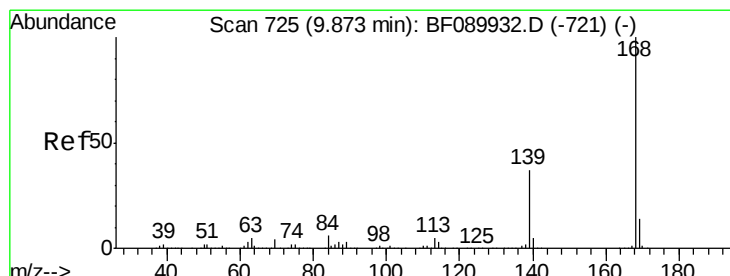
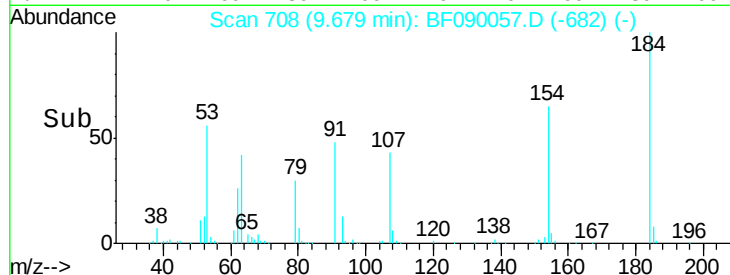
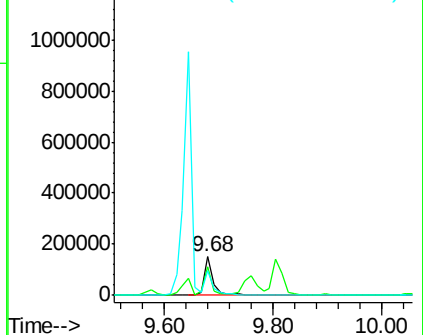
#53
2,4-Dinitrophenol
Concen: 48.13 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Instrument :
BNA_F
ClientSampleId :
PB93311BS

Tgt Ion:184 Resp: 171431
Ion Ratio Lower Upper
184 100
63 72.3 73.9 110.9#
154 65.5 53.5 80.3

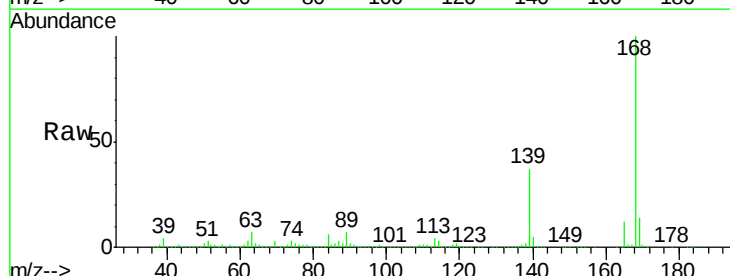


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

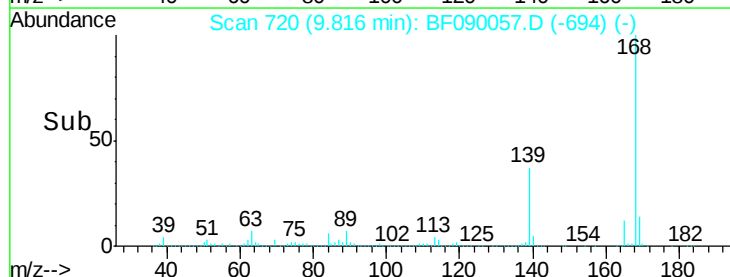
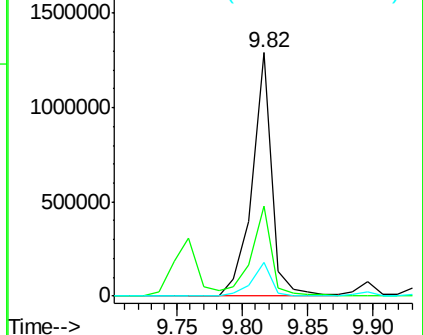


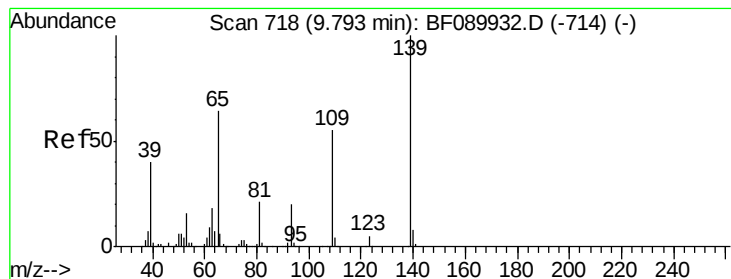
#54
Dibenzofuran
Concen: 41.29 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Tgt Ion:168 Resp: 1361748
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.8 10.8 16.2



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





#55

4-Nitrophenol

Concen: 71.28 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

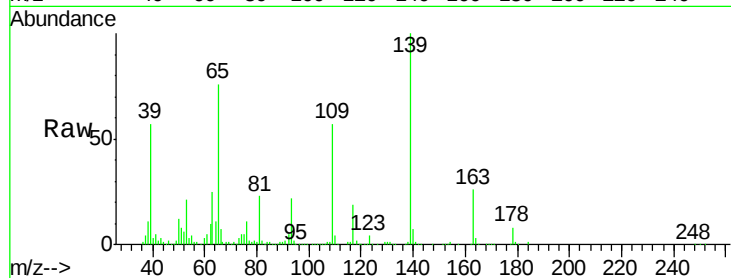
Tgt Ion:139 Resp: 406592

Ion Ratio Lower Upper

139 100

109 56.9 31.3 71.3

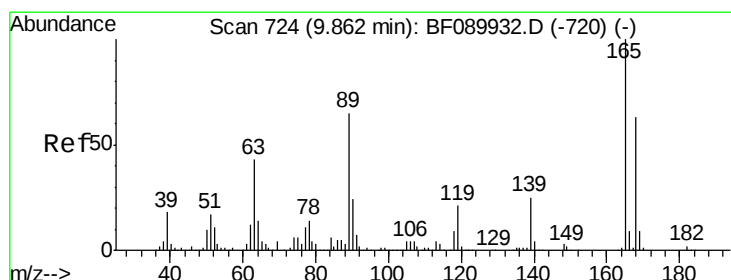
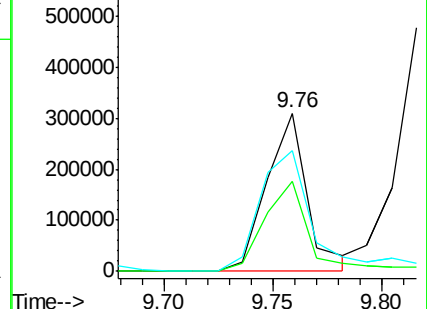
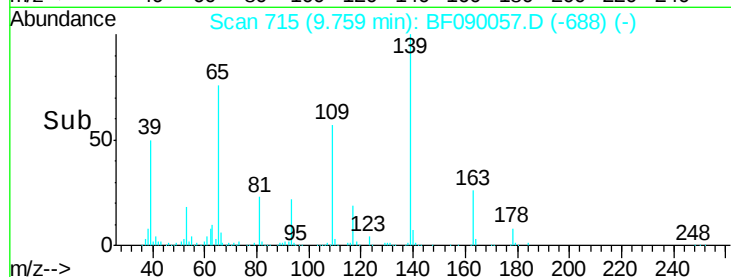
65 76.4 38.5 78.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.70 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Tgt Ion:165 Resp: 308638

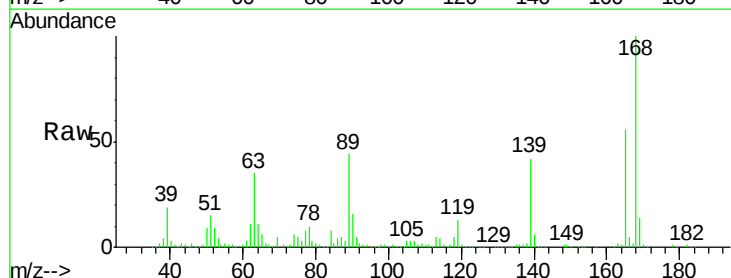
Ion Ratio Lower Upper

165 100

63 63.1 32.5 48.7#

89 78.8 48.3 72.5#

182 2.1 1.7 2.5

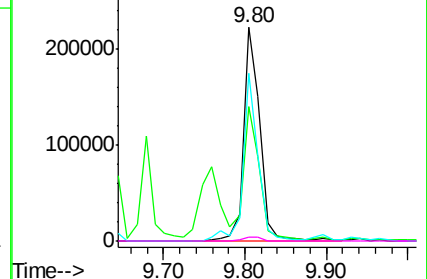
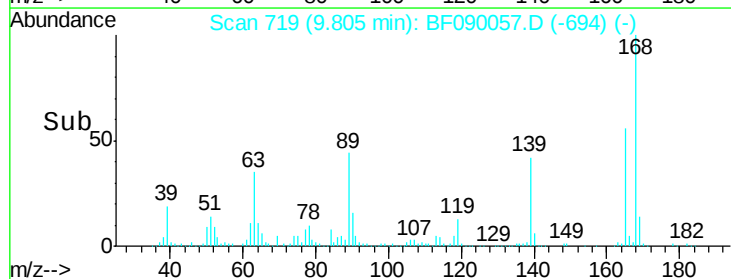


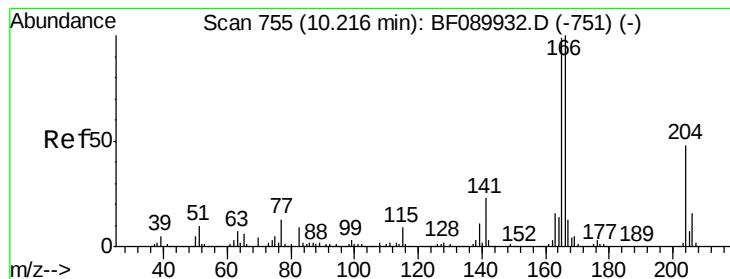
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.75 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

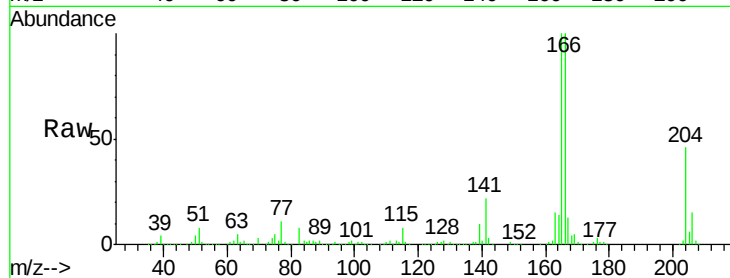
Tgt Ion:166 Resp: 1054324

Ion Ratio Lower Upper

166 100

165 100.0 78.6 118.0

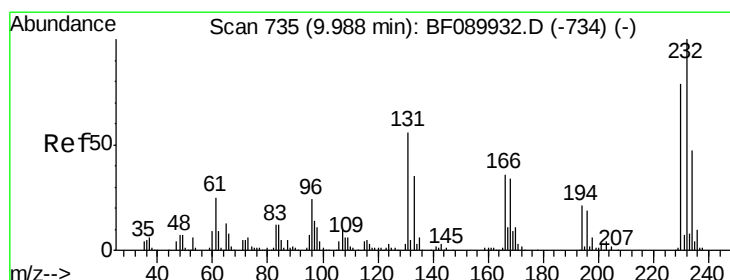
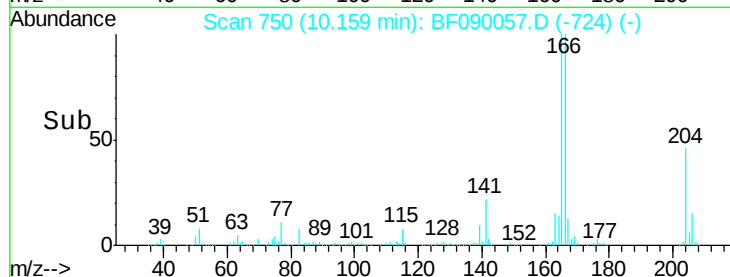
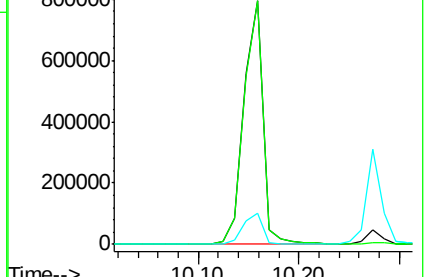
167 13.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.18 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Tgt Ion:232 Resp: 311470

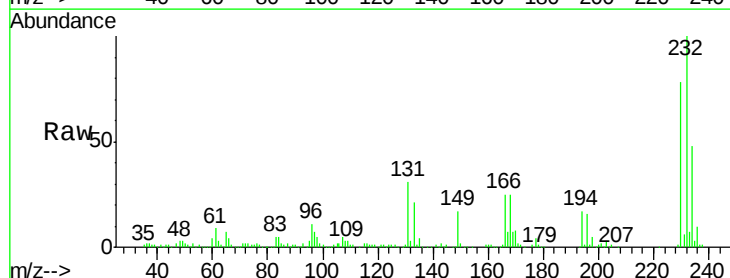
Ion Ratio Lower Upper

232 100

131 39.9 36.3 54.5

130 1.8 1.7 2.5

166 28.3 24.4 36.6

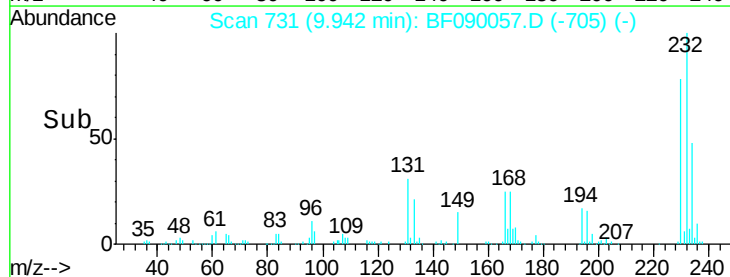
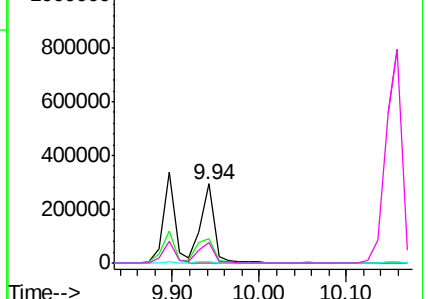


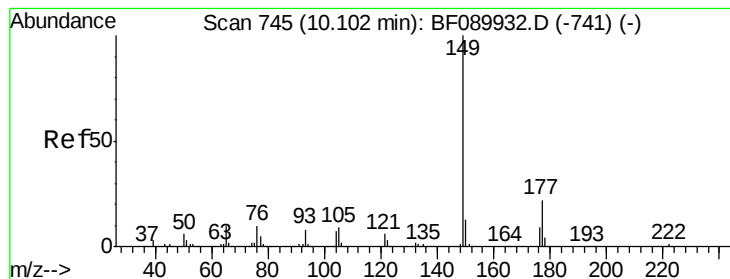
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 59.09 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

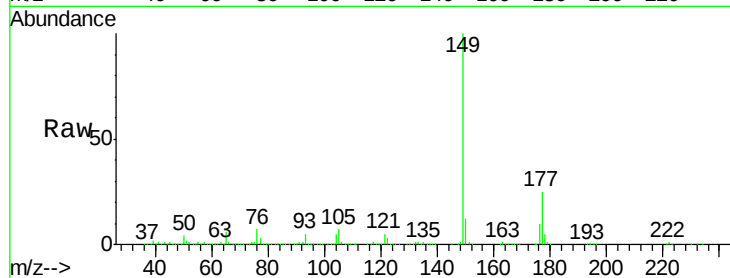
Tgt Ion:149 Resp: 1657336

Ion Ratio Lower Upper

149 100

177 25.5 17.7 26.5

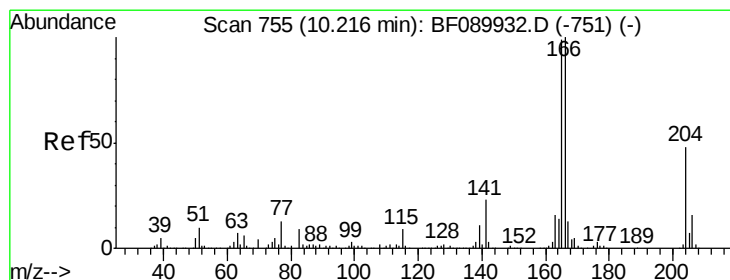
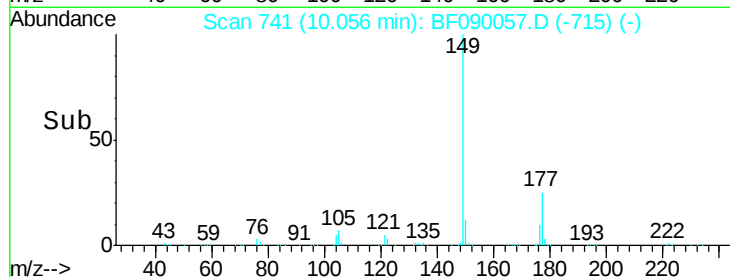
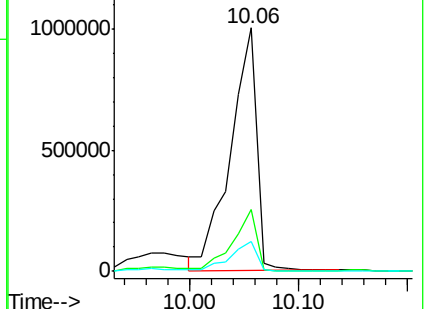
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.85 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

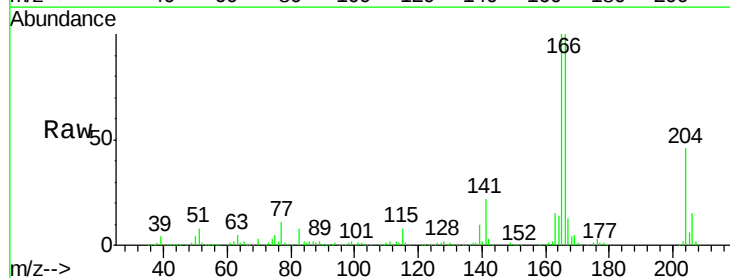
Tgt Ion:204 Resp: 474613

Ion Ratio Lower Upper

204 100

206 33.3 26.6 40.0

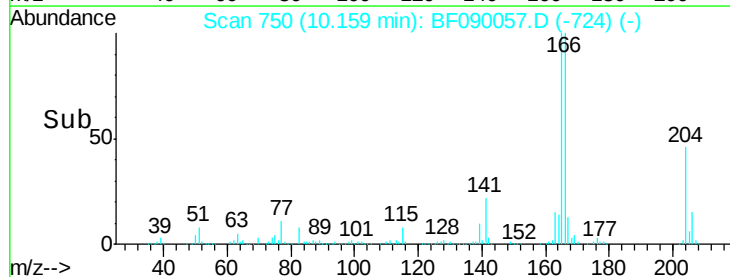
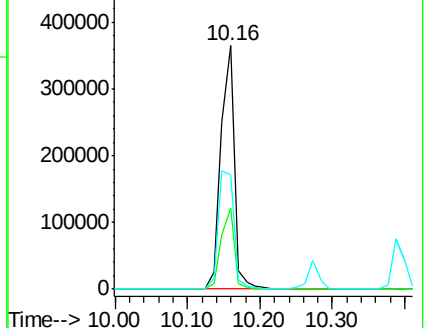
141 47.0 36.5 54.7

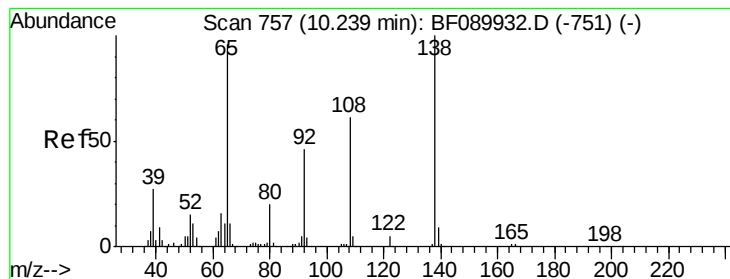


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.18 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

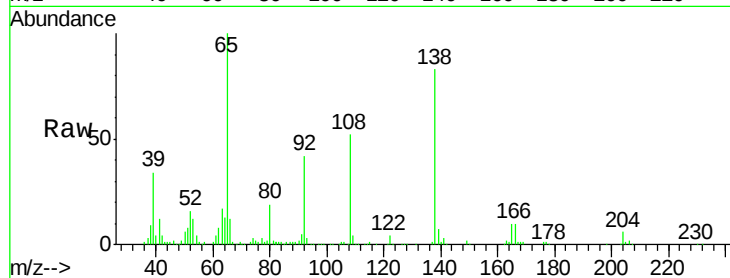
Tgt Ion:138 Resp: 276259

Ion Ratio Lower Upper

138 100

92 50.1 21.2 61.2

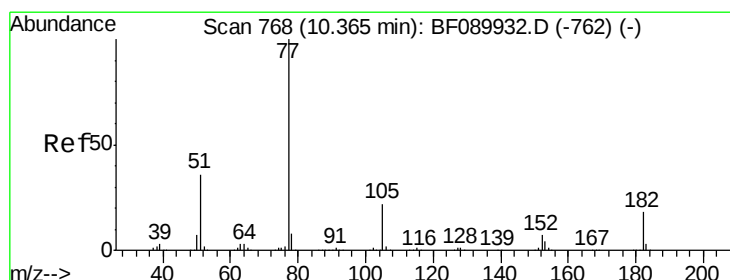
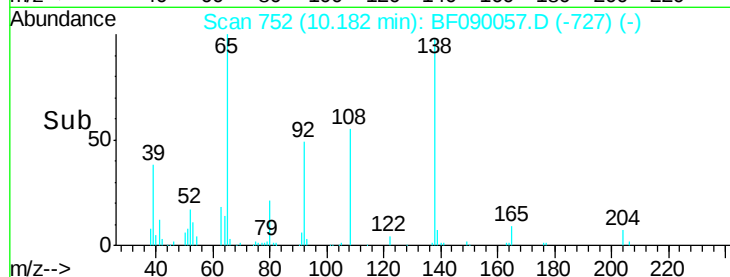
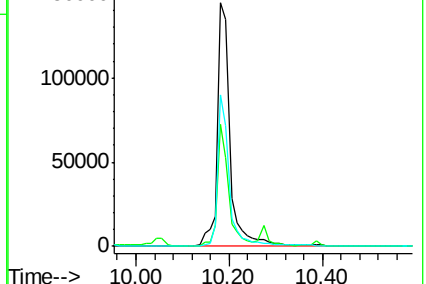
108 62.1 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.17 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Tgt Ion: 77 Resp: 1069220

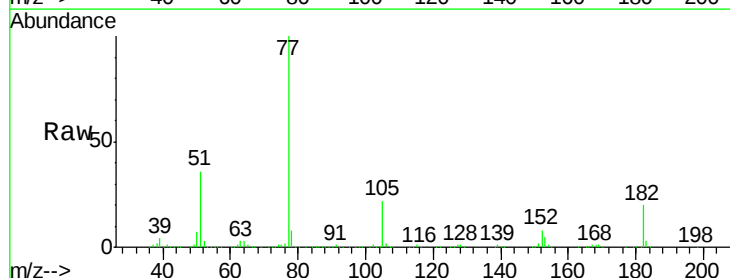
Ion Ratio Lower Upper

77 100

182 20.0 0.0 38.6

105 22.2 2.3 42.3

51 36.0 15.1 55.1

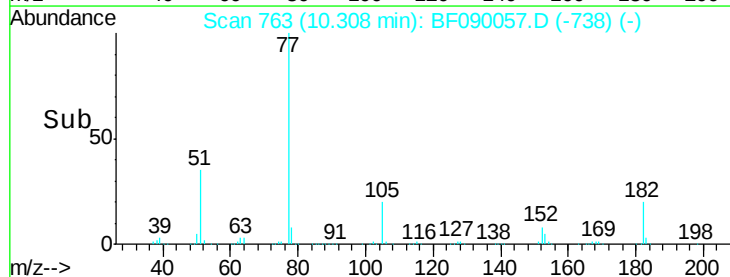
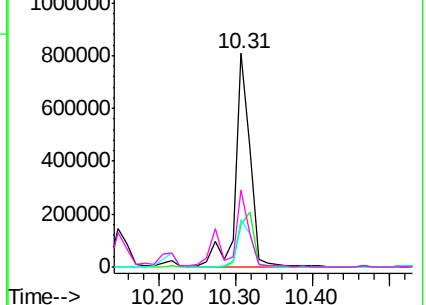


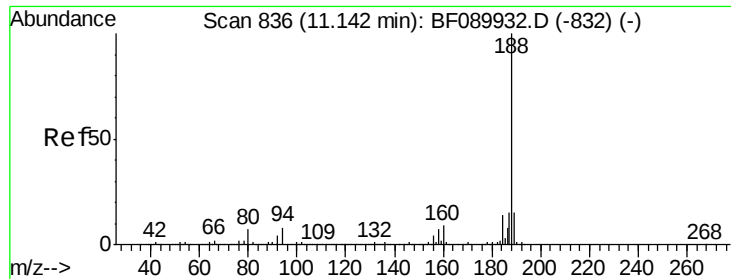
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

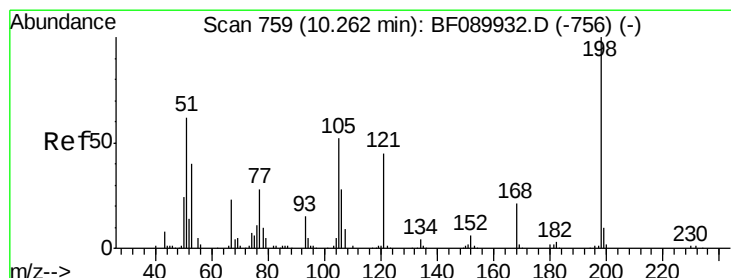
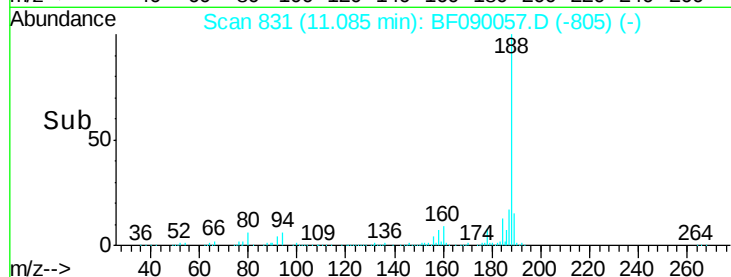
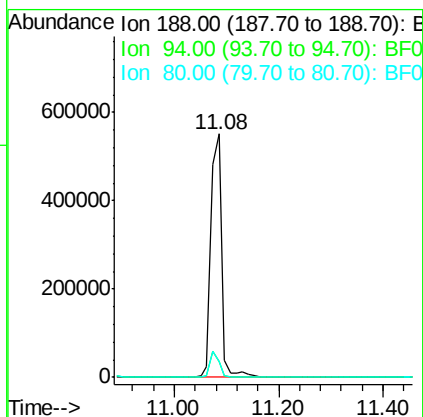
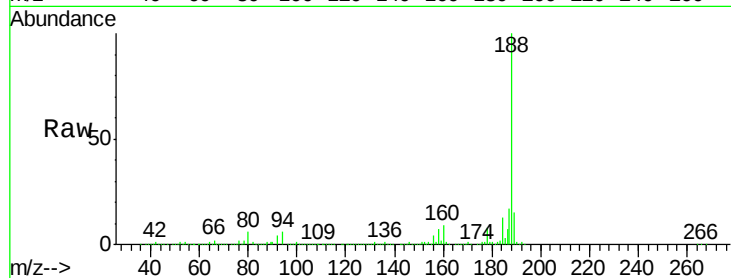




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

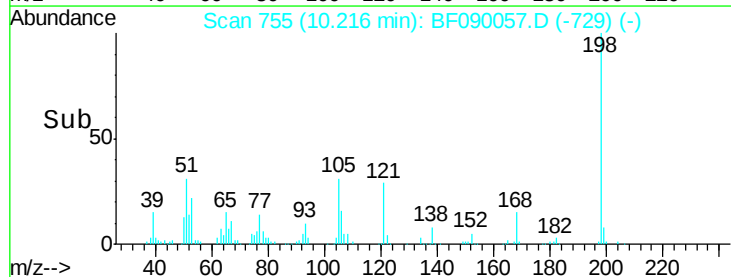
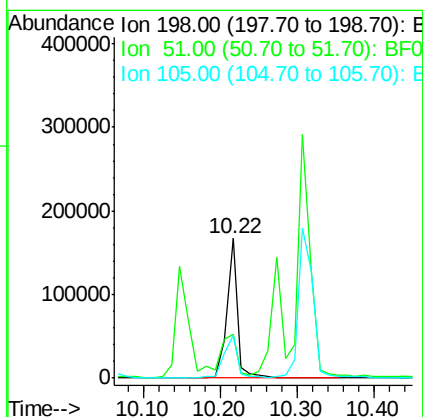
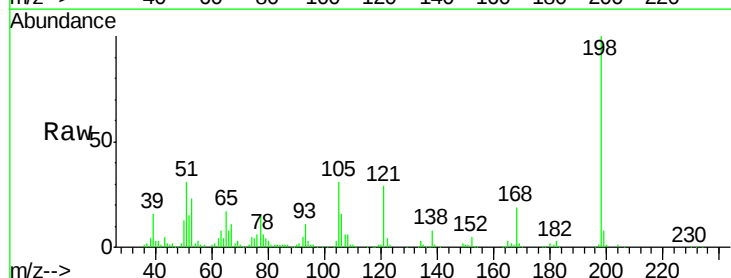
Instrument :
BNA_F
ClientSampleId :
PB93311BS

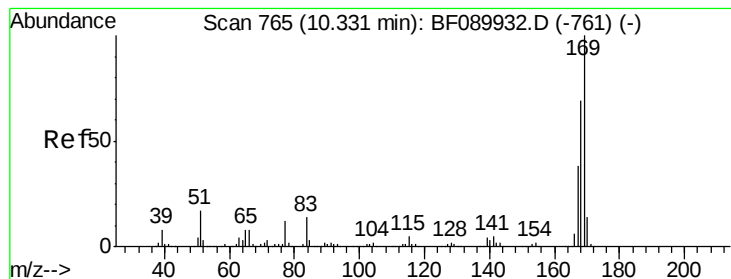
Tgt Ion:188 Resp: 792314
Ion Ratio Lower Upper
188 100
94 6.3 5.9 8.9
80 6.2 5.8 8.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.84 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Tgt Ion:198 Resp: 166598
Ion Ratio Lower Upper
198 100
51 31.1 43.0 83.0#
105 30.9 30.3 70.3

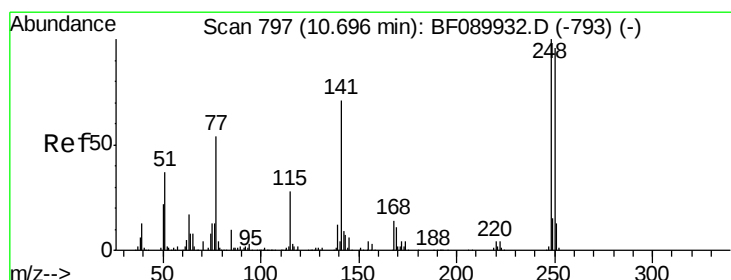
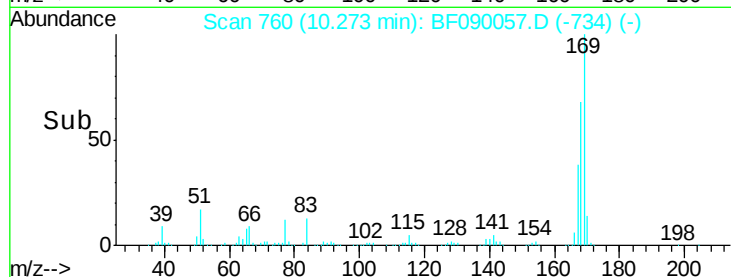
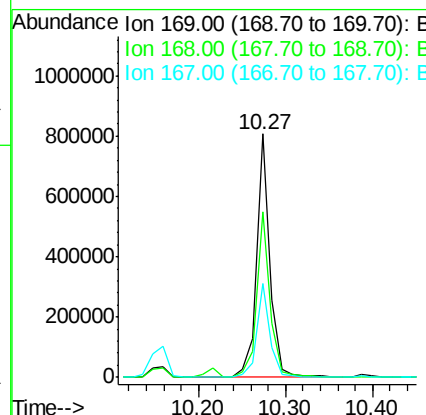
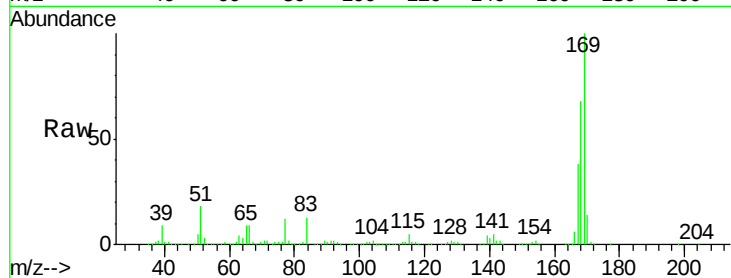




#65
 n-Nitrosodiphenylamine
 Concen: 36.76 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

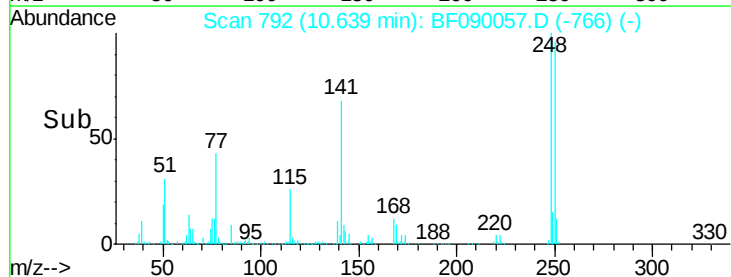
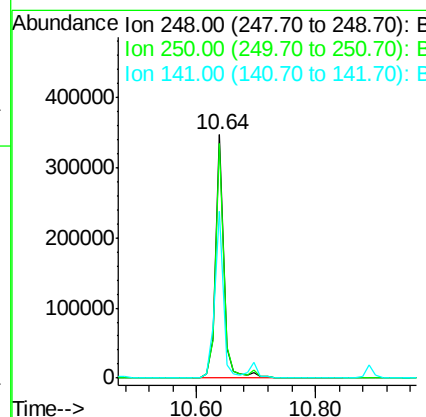
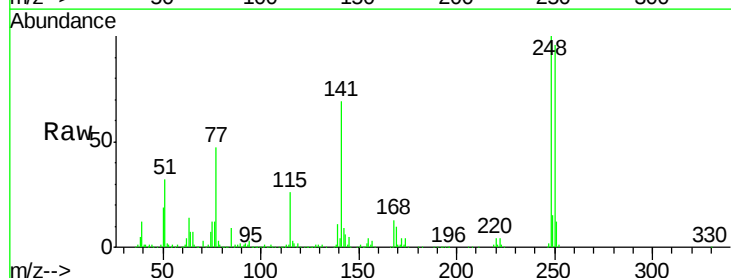
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

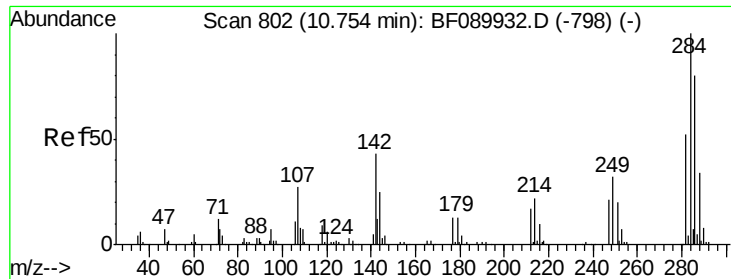
Tgt Ion:169 Resp: 875730
 Ion Ratio Lower Upper
 169 100
 168 68.0 55.0 82.4
 167 38.4 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 42.19 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:248 Resp: 336547
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.3 115.9
 141 68.7 55.8 83.8

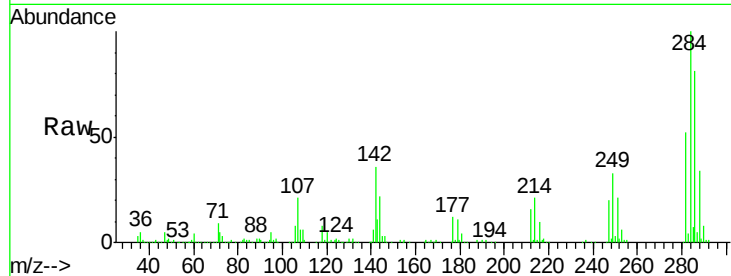




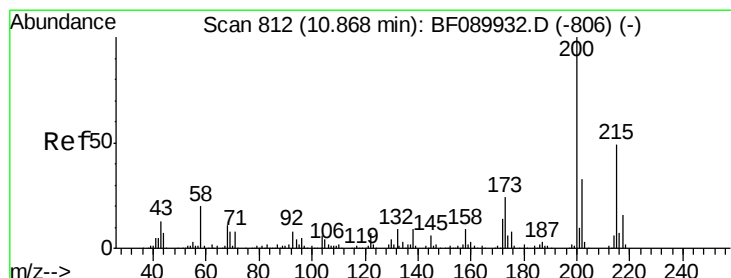
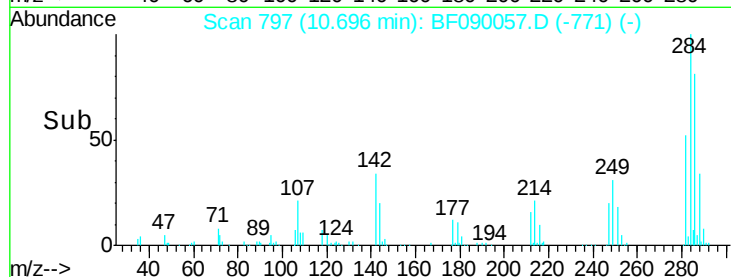
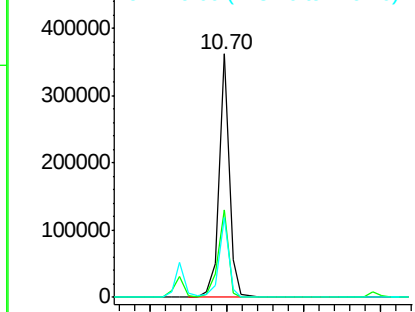
#67
Hexachlorobenzene
Concen: 36.65 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Instrument :
BNA_F
ClientSampleId :
PB93311BS

Tgt Ion:284 Resp: 333964
Ion Ratio Lower Upper
284 100
142 36.1 32.7 49.1
249 32.6 26.9 40.3

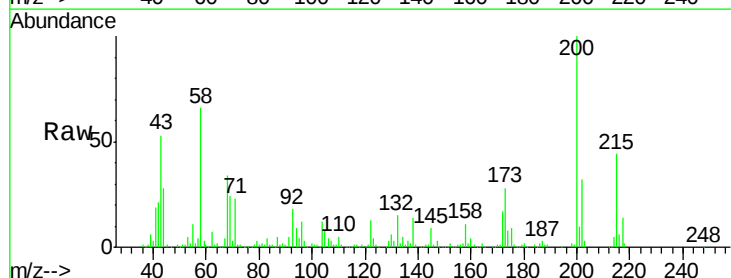


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

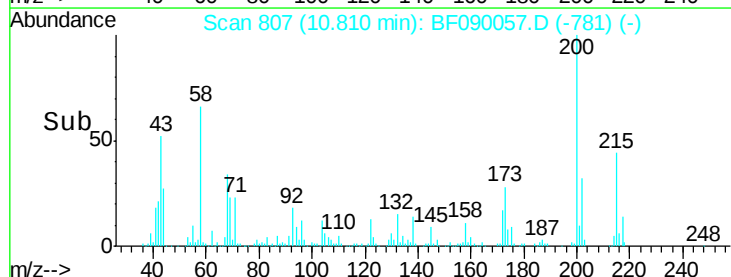
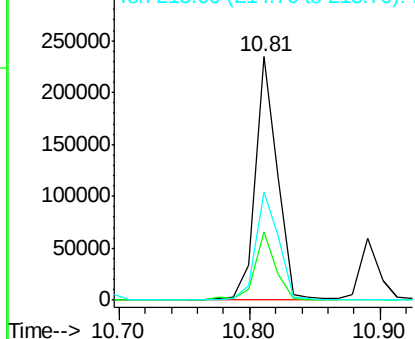


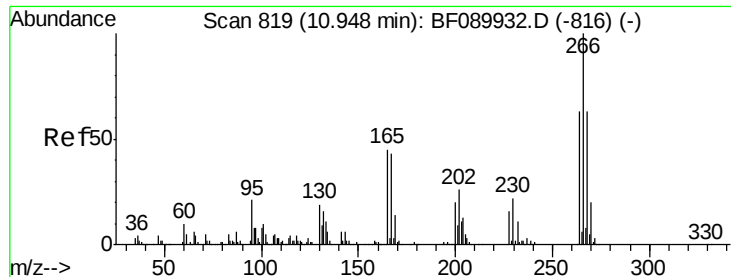
#68
Atrazine
Concen: 34.74 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Tgt Ion:200 Resp: 276267
Ion Ratio Lower Upper
200 100
173 27.9 9.4 49.4
215 44.4 24.5 64.5



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

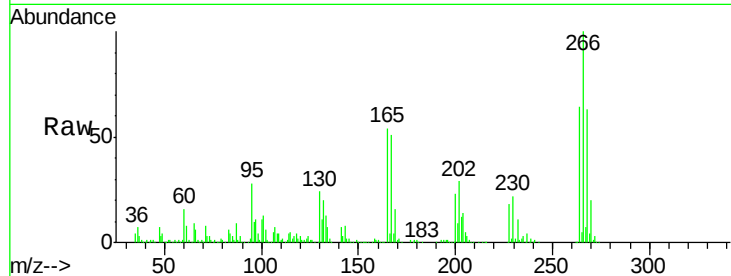




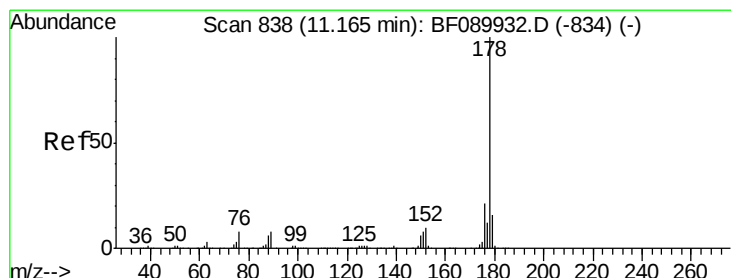
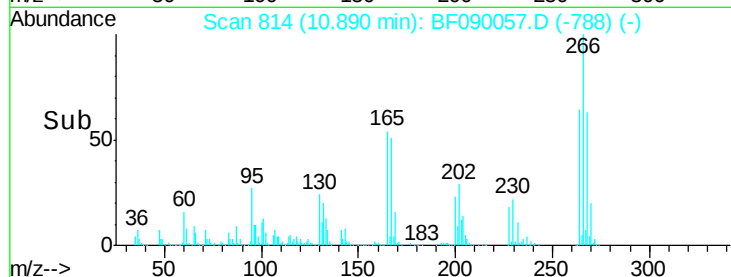
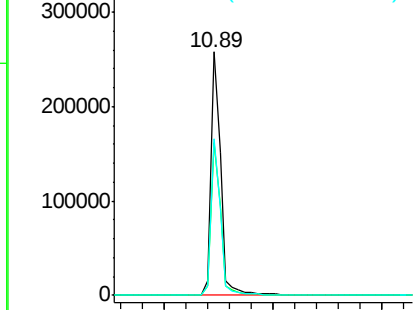
#69
 Pentachlorophenol
 Concen: 66.21 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

Tgt Ion:266 Resp: 324538
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.0 76.6
 264 64.2 50.6 75.8

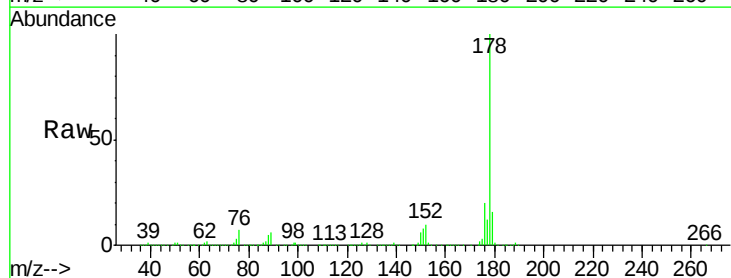


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

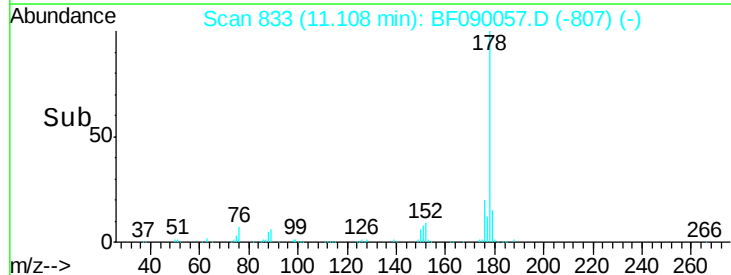
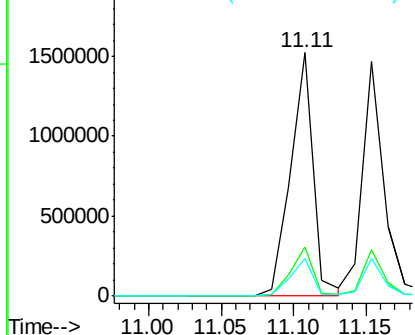


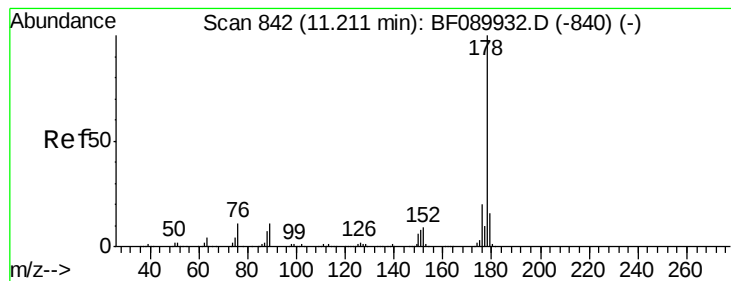
#70
 Phenanthrene
 Concen: 41.66 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:178 Resp: 1643597
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 15.6 12.8 19.2



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





#71

Anthracene

Concen: 39.51 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

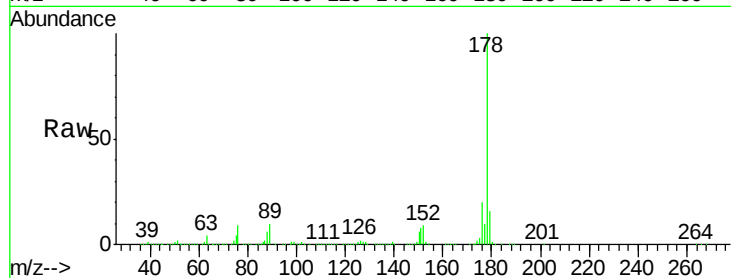
Tgt Ion:178 Resp: 1580951

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

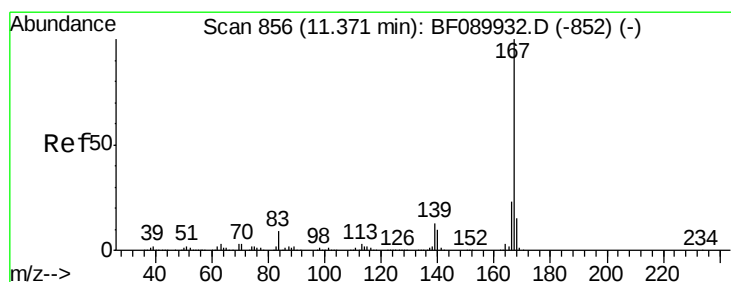
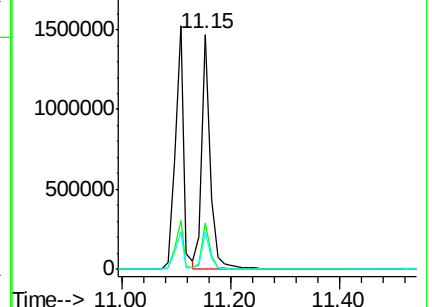
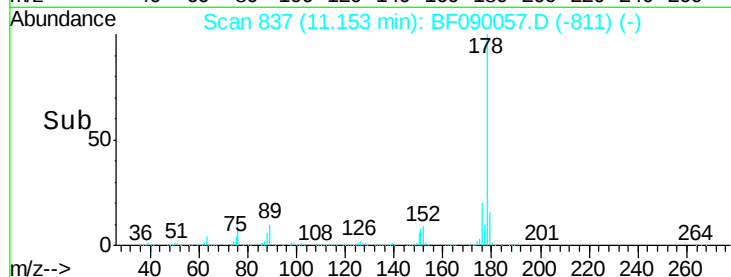
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.83 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

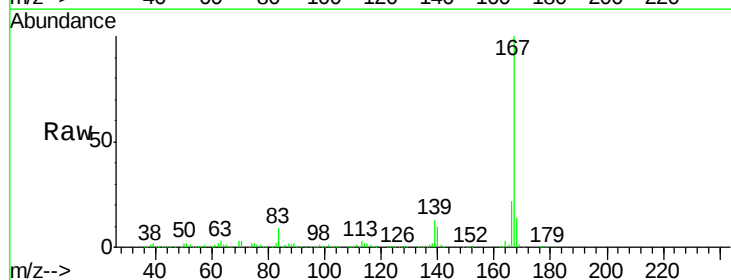
Tgt Ion:167 Resp: 1456939

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

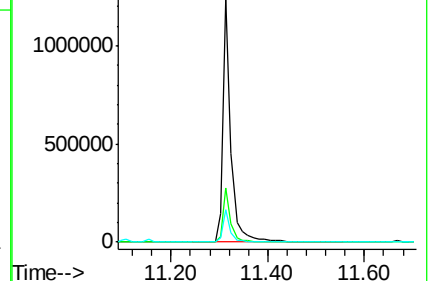
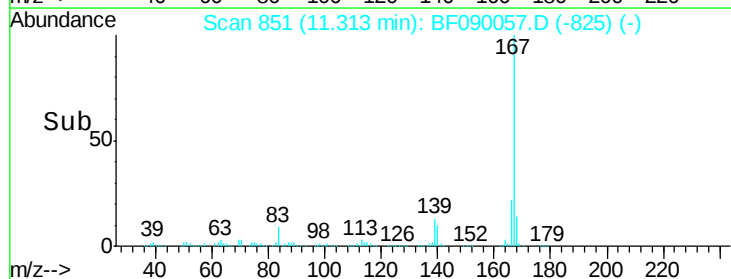
139 13.4 10.4 15.6

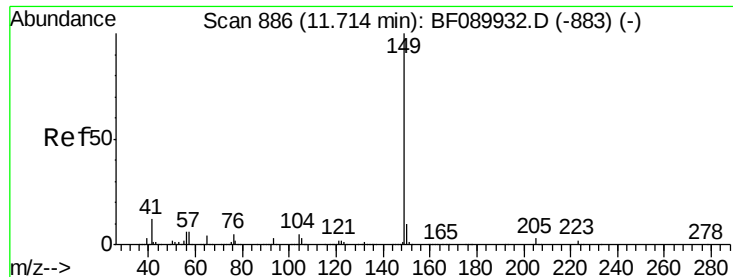


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.63 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

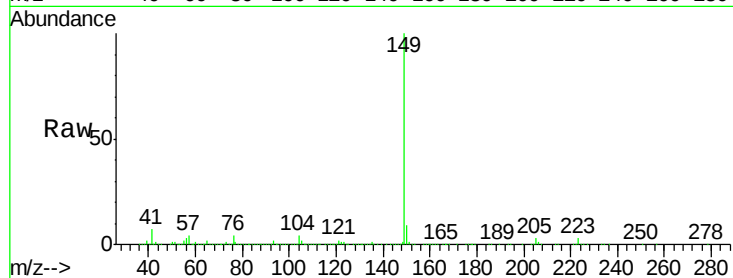
Tgt Ion:149 Resp: 1776850

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

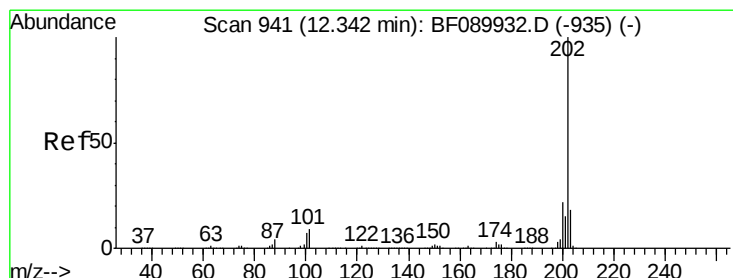
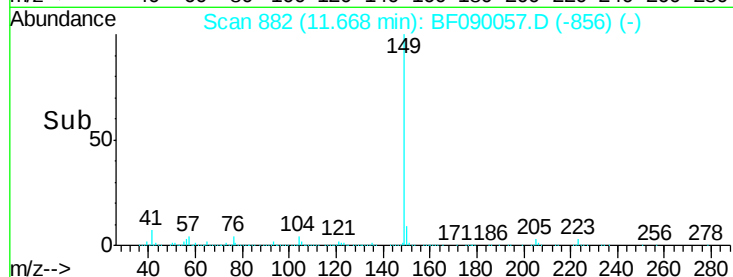
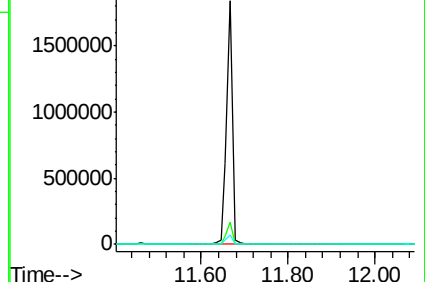
104 3.9 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.97 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

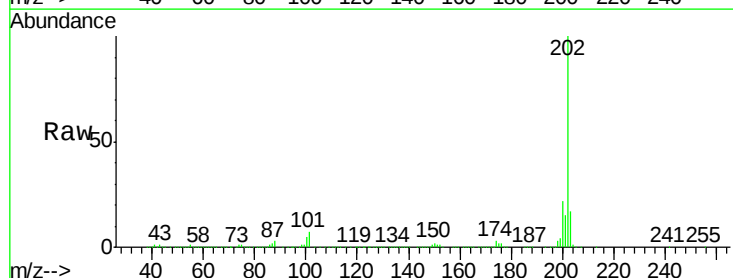
Tgt Ion:202 Resp: 1694131

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.5

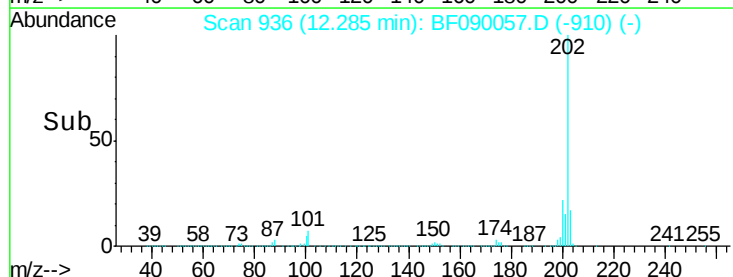
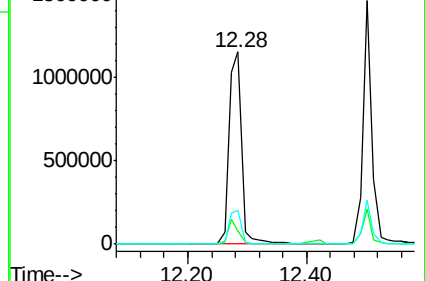
203 17.3 0.0 38.0

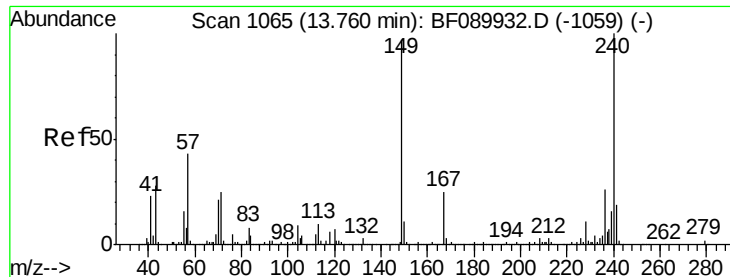


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

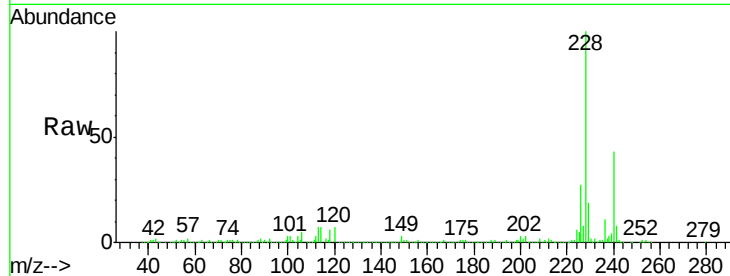
Tgt Ion:240 Resp: 535844

Ion Ratio Lower Upper

240 100

120 15.7 5.7 8.5#

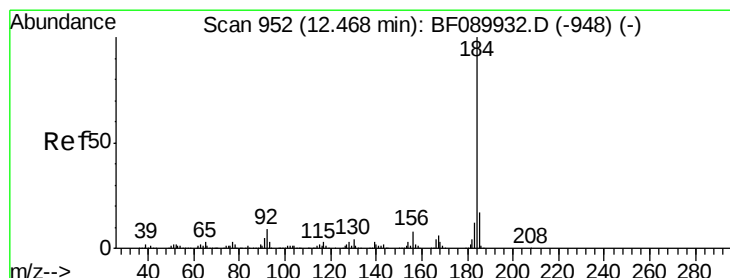
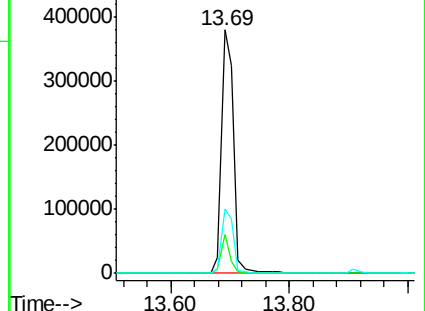
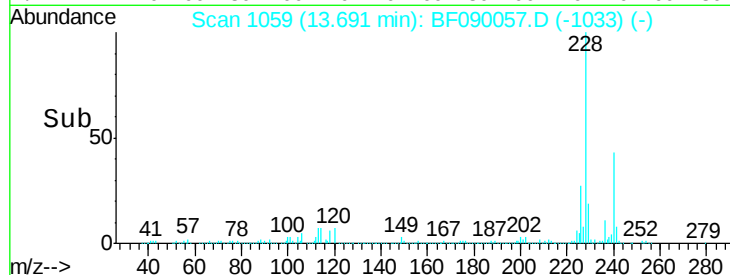
236 26.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.38 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

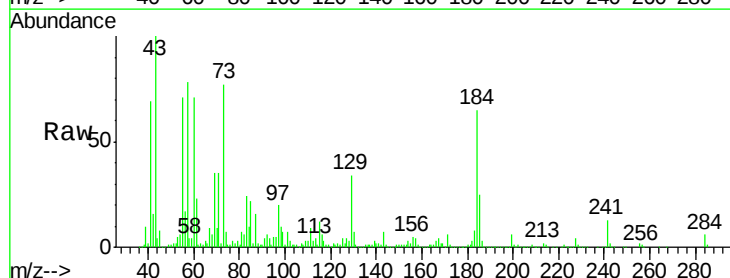
Tgt Ion:184 Resp: 352842

Ion Ratio Lower Upper

184 100

185 38.3 13.8 20.8#

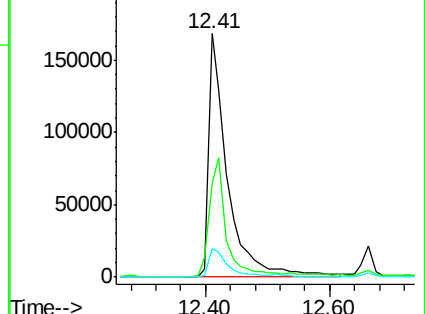
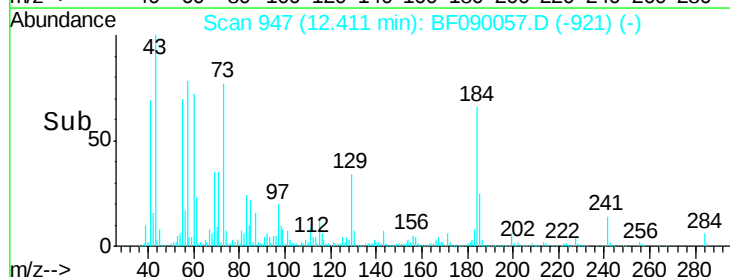
183 12.0 9.6 14.4

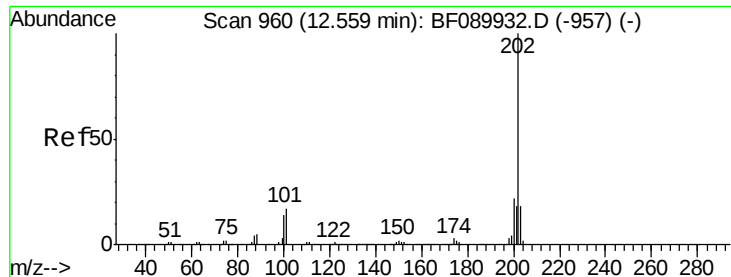


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.80 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

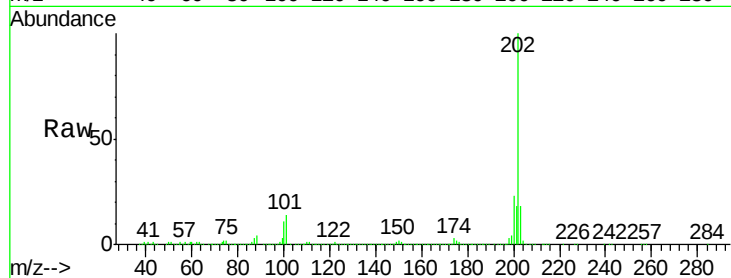
Tgt Ion:202 Resp: 1541418

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

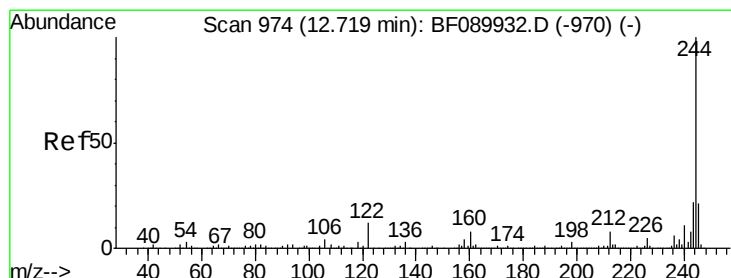
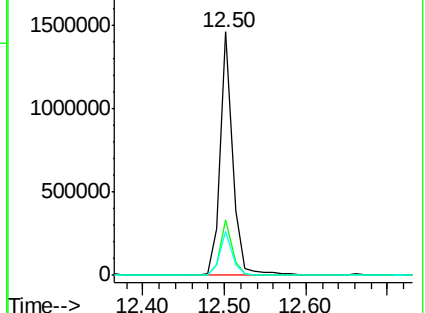
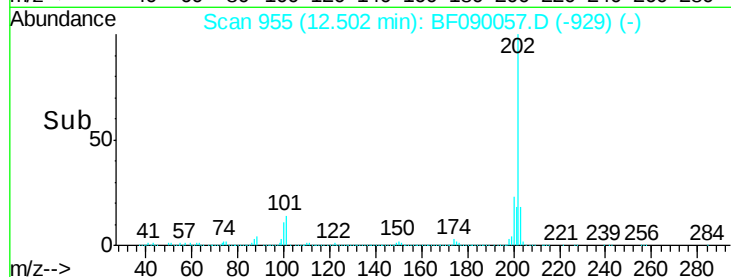
203 18.3 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.30 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

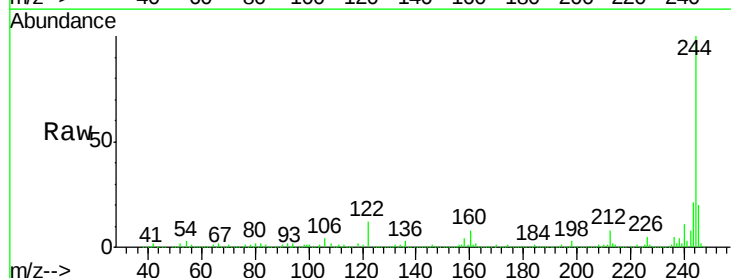
Tgt Ion:244 Resp: 1676811

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

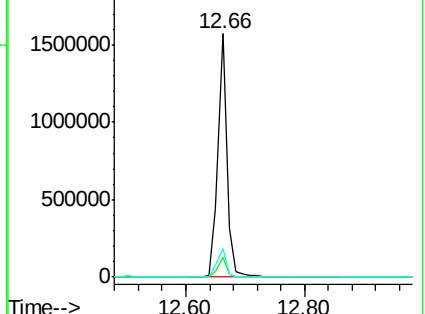
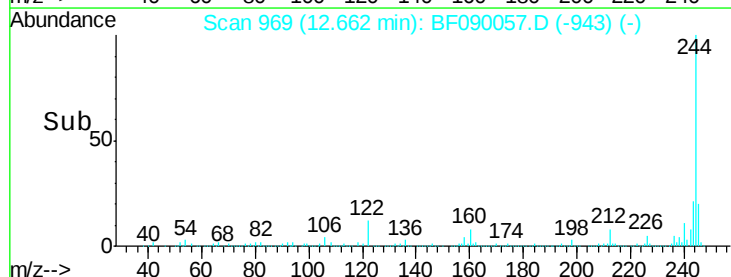
122 11.7 9.6 14.4

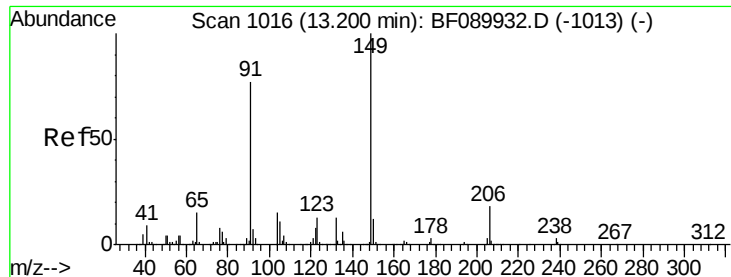


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

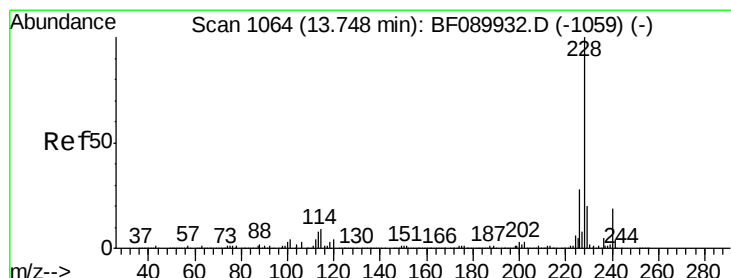
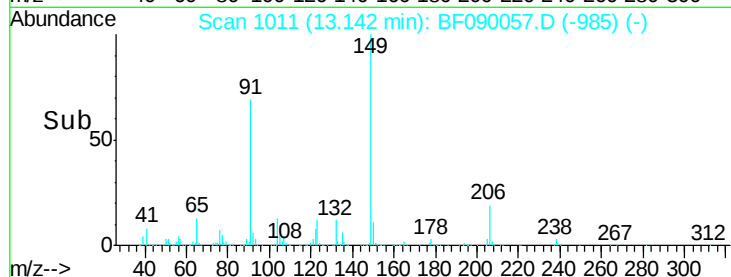
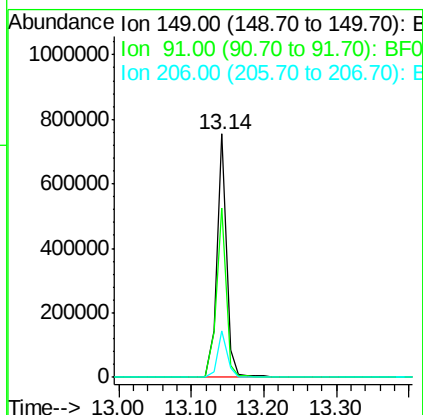
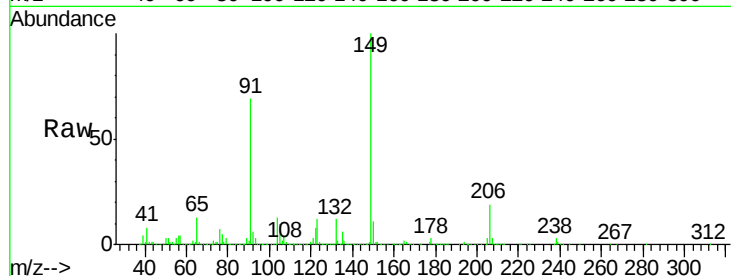




#79
Butylbenzylphthalate
Concen: 45.65 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

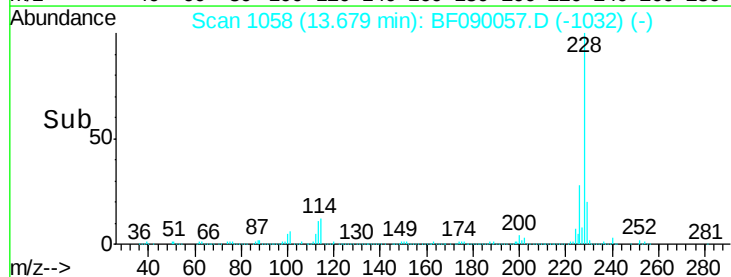
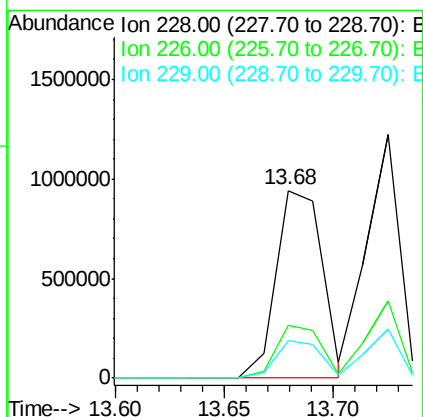
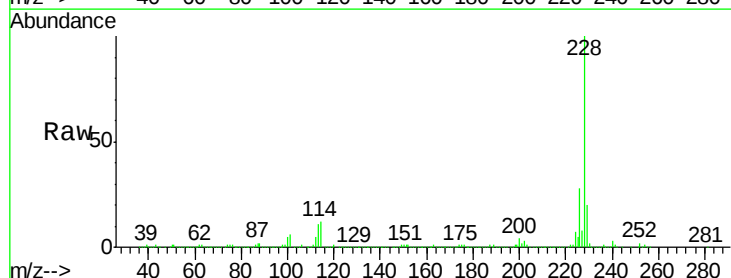
Instrument :
BNA_F
ClientSampleId :
PB93311BS

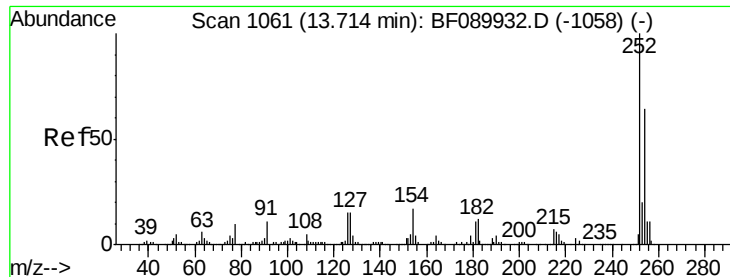
Tgt Ion	Resp	Lower	Upper
149	695498		
91	69.5	60.0	90.0
206	19.0	15.1	22.7



#80
Benzo(a)anthracene
Concen: 42.56 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Tgt Ion	Resp	Lower	Upper
228	1396848		
226	28.0	22.2	33.2
229	20.1	15.8	23.6

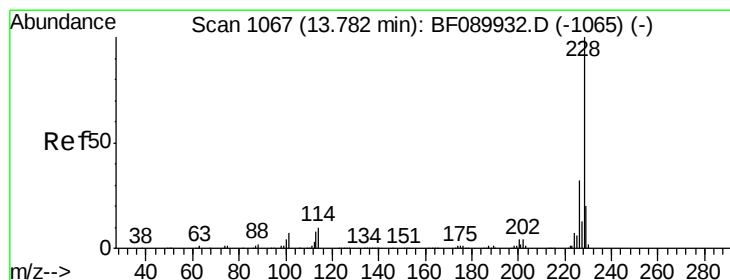
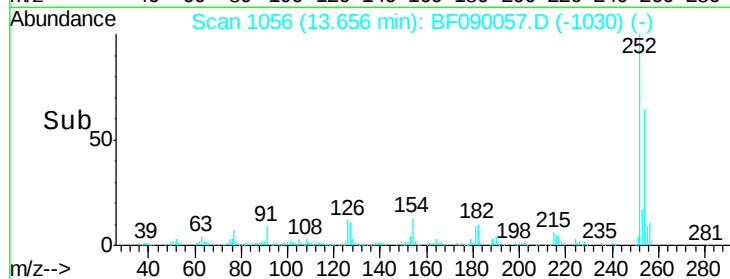
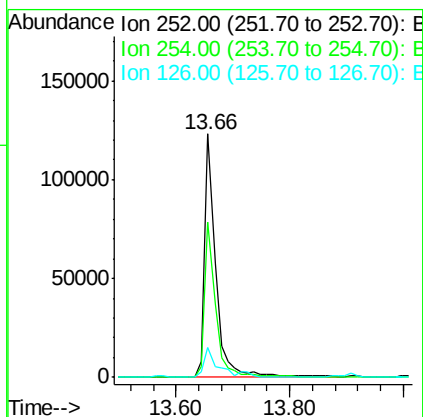
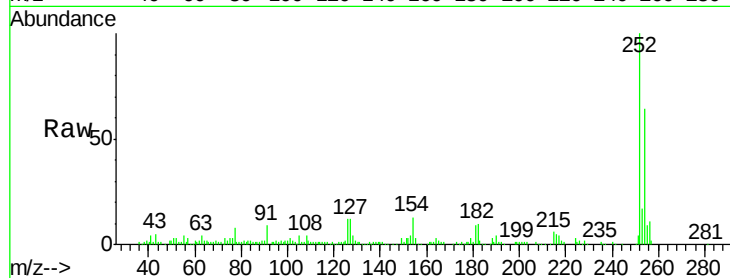




#81
 3,3'-Dichlorobenzidine
 Concen: 13.69 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

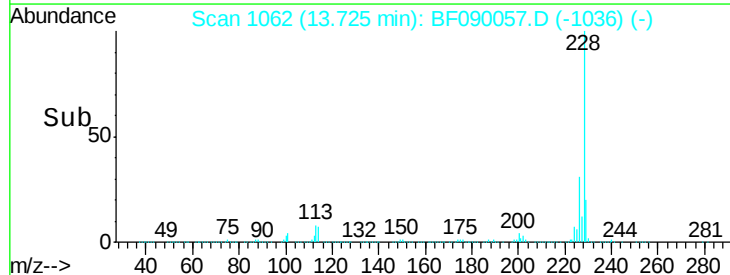
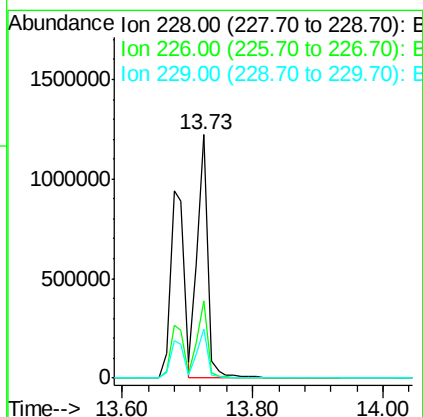
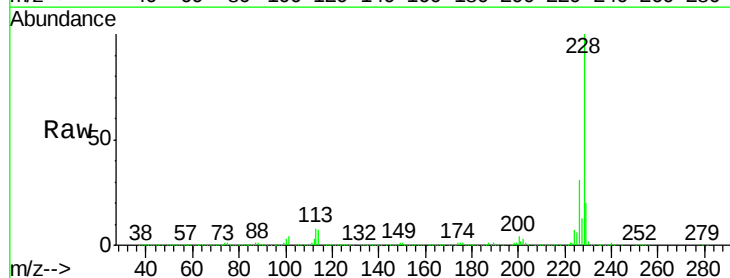
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

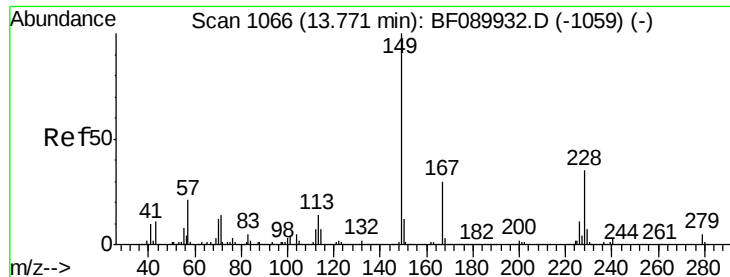
Tgt Ion:252 Resp: 162153
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.3 76.9
 126 12.0 12.3 18.5#



#82
 Chrysene
 Concen: 44.23 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:228 Resp: 1356119
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.2 37.8
 229 20.0 16.2 24.2

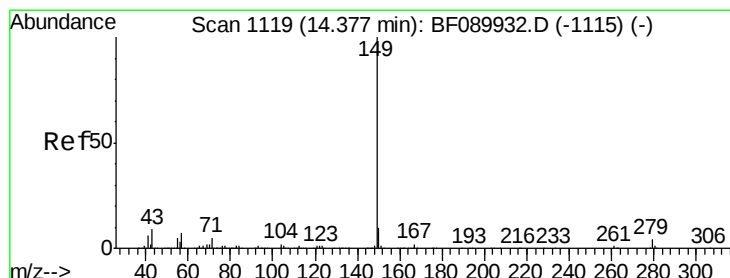
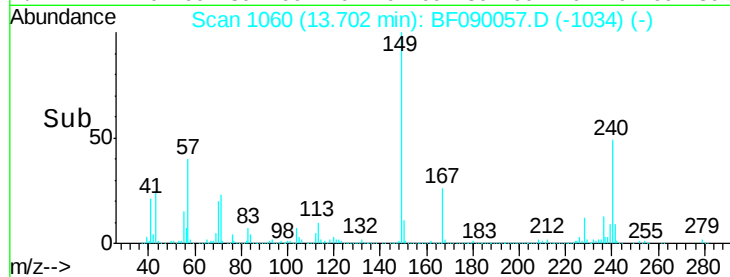
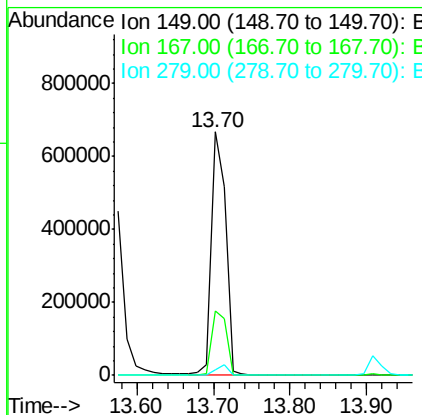
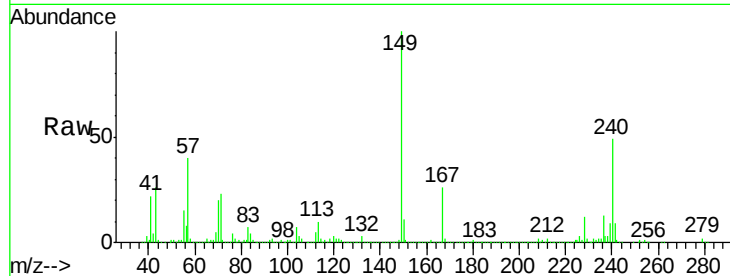




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.18 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

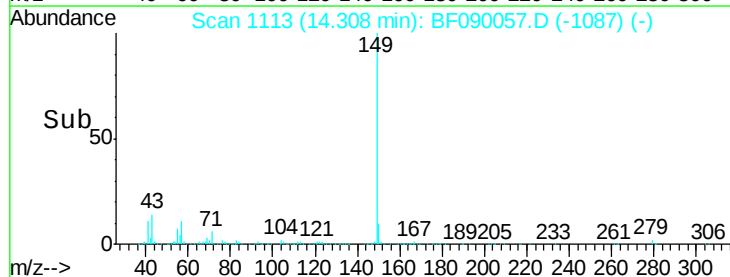
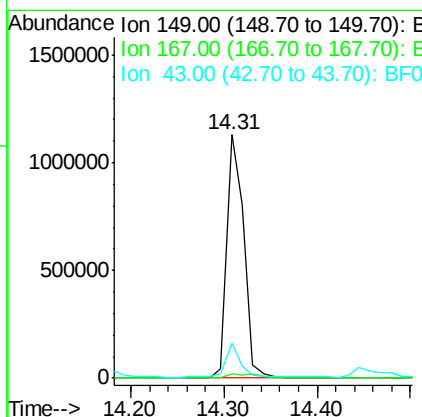
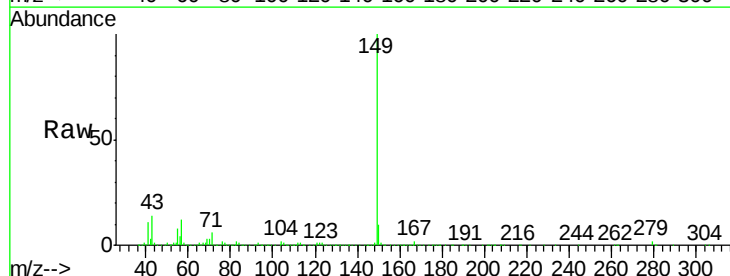
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

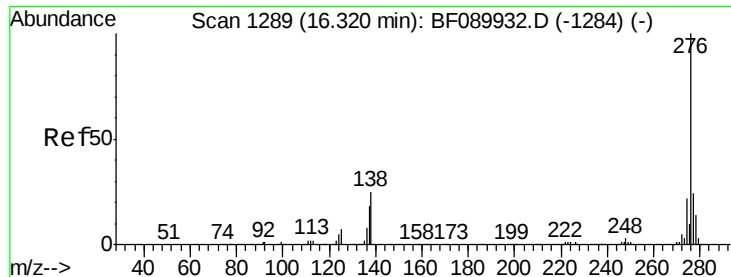
Tgt Ion:149 Resp: 846751
 Ion Ratio Lower Upper
 149 100
 167 26.2 23.6 35.4
 279 2.1 3.4 5.2#



#84
 Di-n-octyl phthalate
 Concen: 41.85 ng
 RT: 14.31 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion:149 Resp: 1423578
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 11.9 9.3 13.9

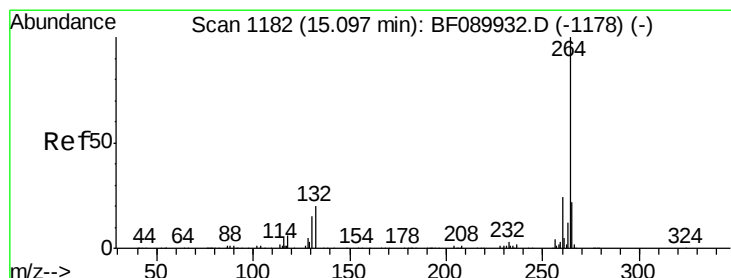
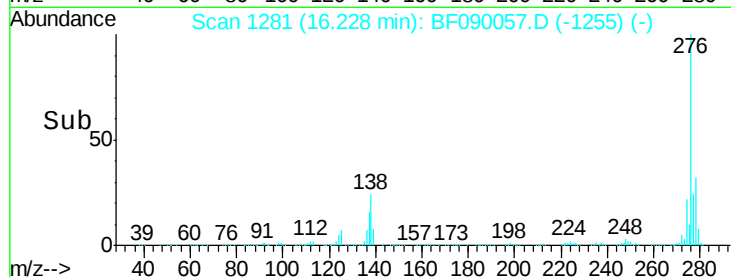
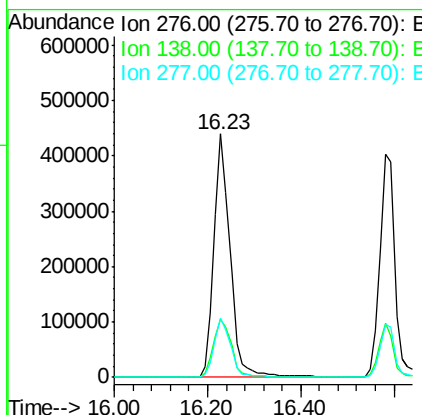
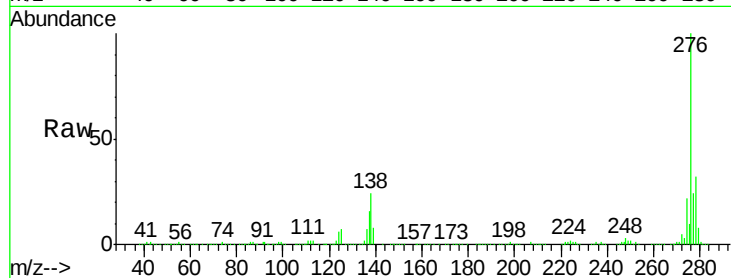




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.19 ng
 RT: 16.23 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

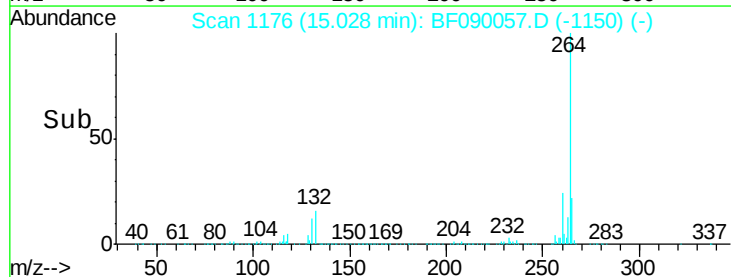
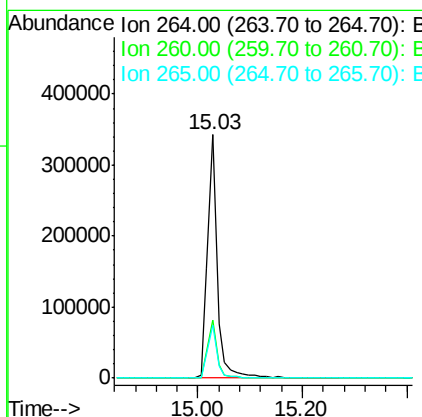
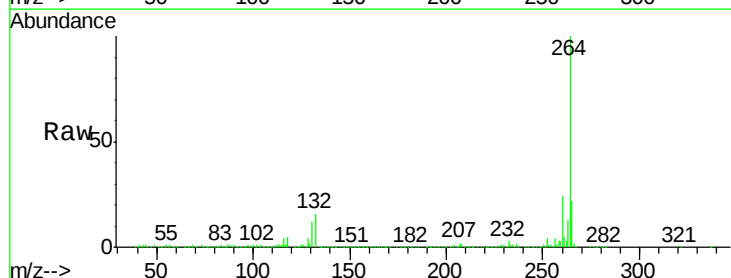
Instrument :
 BNA_F
 ClientSampleId :
 PB93311BS

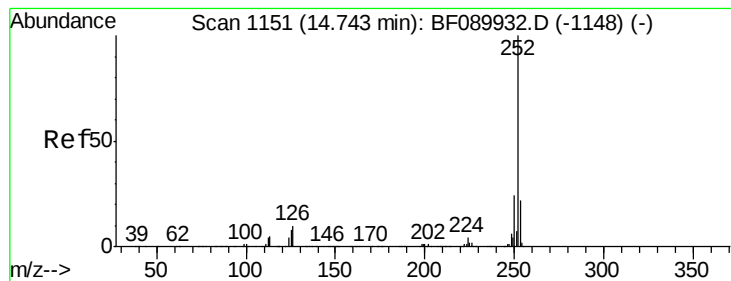
Tgt Ion: 276 Resp: 1069498
 Ion Ratio Lower Upper
 276 100
 138 26.9 22.6 34.0
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion: 264 Resp: 442958
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.5 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 37.45 ng m

RT: 14.67 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

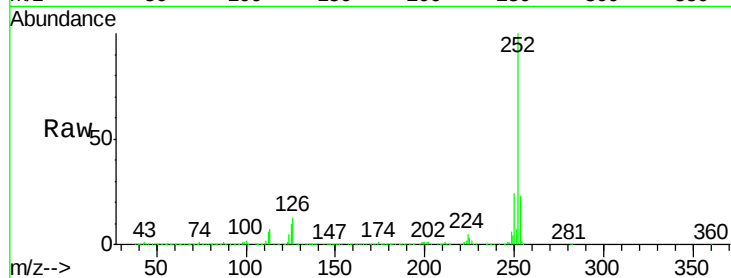
Tgt Ion:252 Resp: 1039152

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

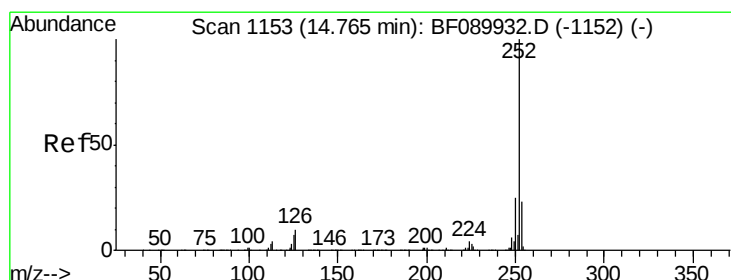
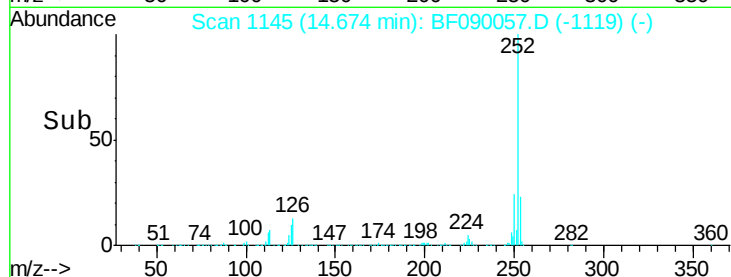
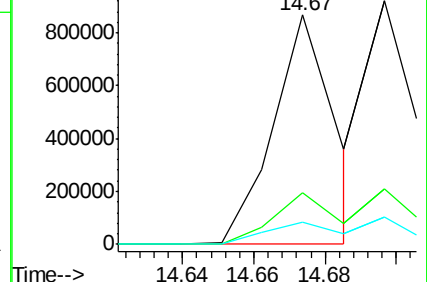
125 9.9 5.7 8.5#



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



#88

Benzo(k)fluoranthene

Concen: 39.97 ng m

RT: 14.70 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

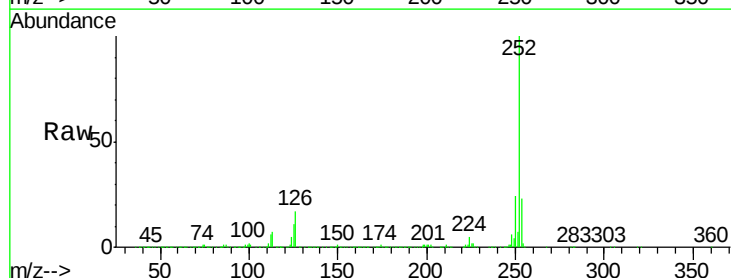
Tgt Ion:252 Resp: 941156

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

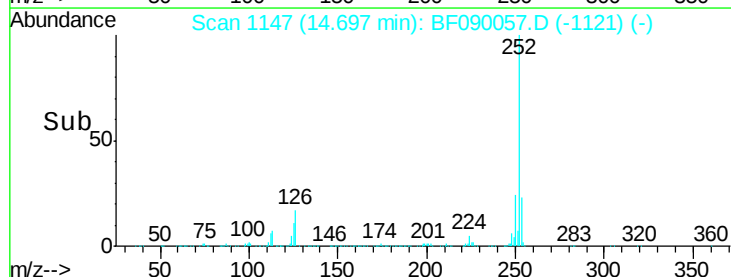
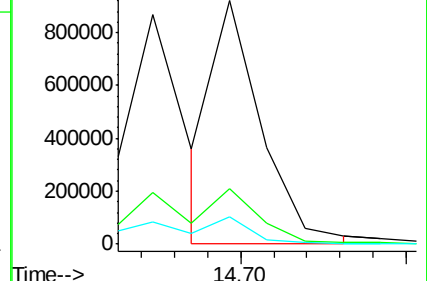
125 11.3 7.3 10.9#

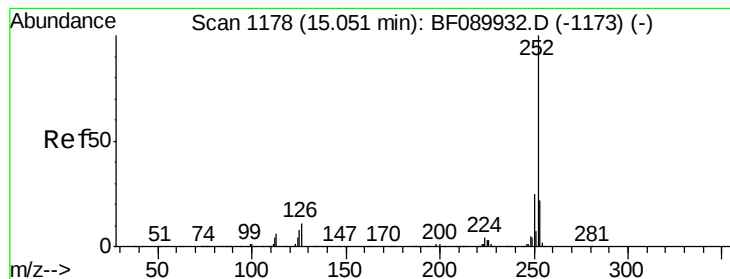


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

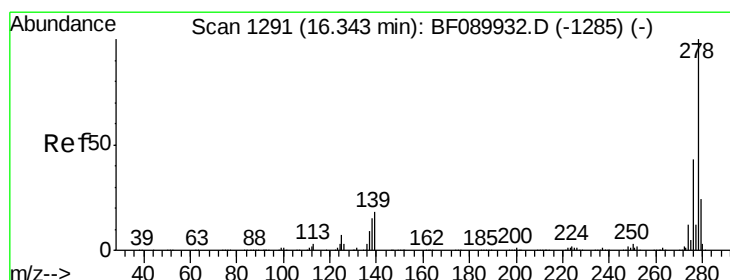
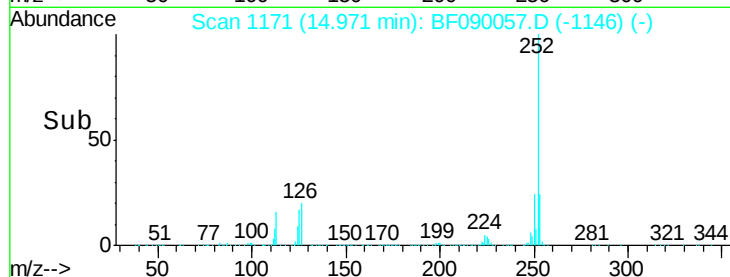
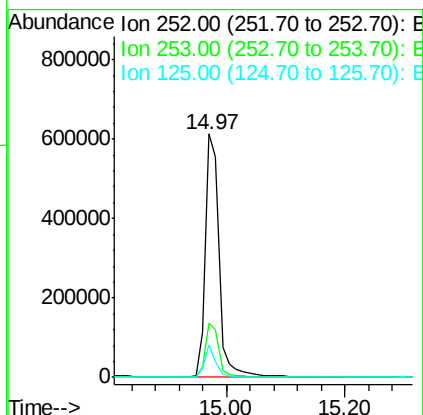
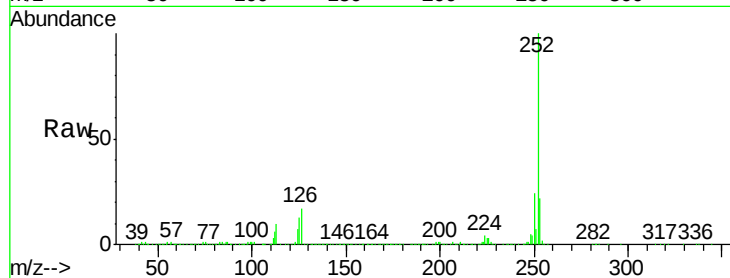




#89
Benzo(a)pyrene
Concen: 41.89 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

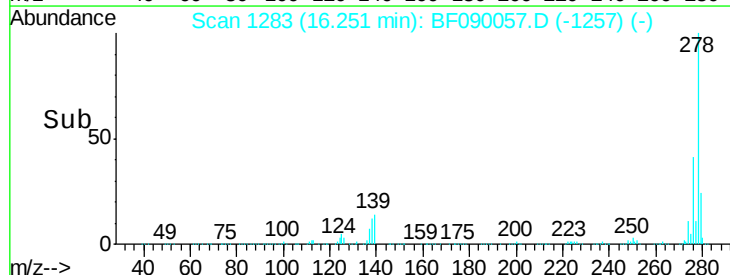
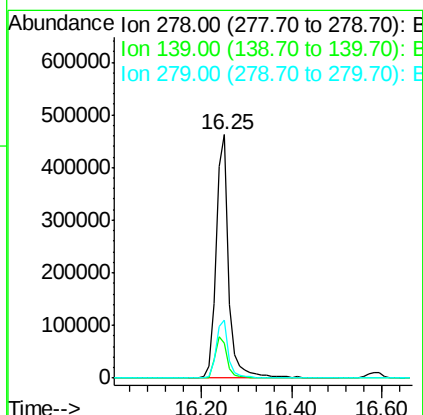
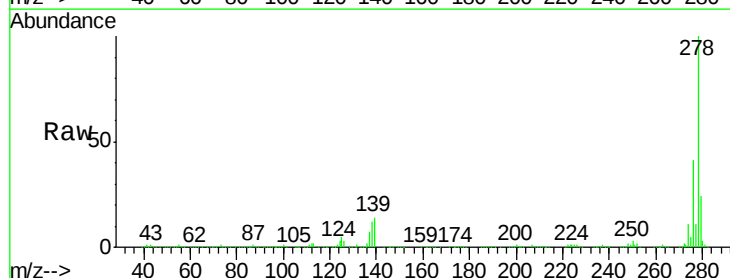
Instrument :
BNA_F
ClientSampleId :
PB93311BS

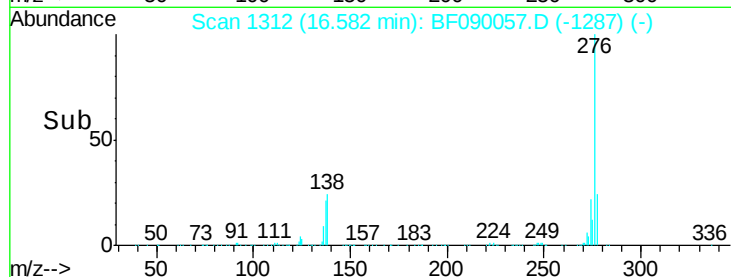
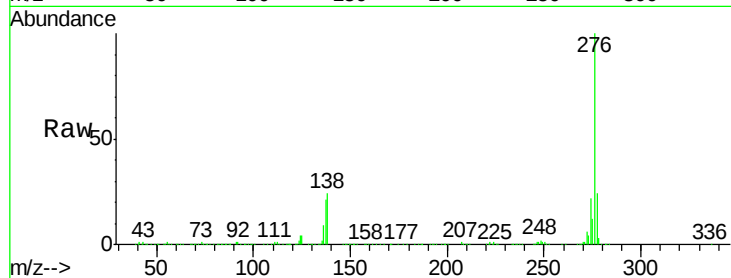
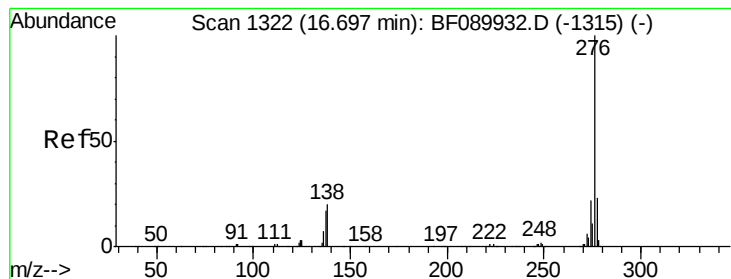
Tgt Ion: 252 Resp: 995864
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.1 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 51.53 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Tgt Ion: 278 Resp: 897700
Ion Ratio Lower Upper
278 100
139 14.3 13.4 20.2
279 23.7 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 52.58 ng

RT: 16.58 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

PB93311BS

Tgt Ion: 276 Resp: 922001

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 24.3 16.4 24.6

