

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 :

Quant Time: Sep 12 15:39:53 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	8.39	113	62621	17.39	ng	98
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

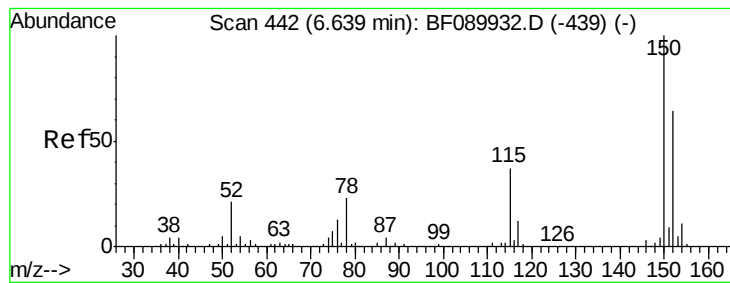
Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
 Data File : BF090057.D
 Acq On : 12 Sep 2016 12:17
 Operator : UM/SJ
 Sample : PB93311BS
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Instrument :
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Quant Time: Sep 12 15:39:53 2016
 Quant Method : 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)
42) 2,4,6-Trichlorophenol	8.86	196	325875	38.91	nq	99
43) 2,4,5-Trichlorophenol	8.90	196	347878	43.20	nq	94
45) 1,1'-Biphenyl	9.04	154	1096766	33.02	nq	99
46) 2-Chloronaphthalene	9.06	162	986347	41.98	nq	97
47) 2-Nitroaniline	9.16	65	324735	42.28	nq	# 84
48) Acenaphthylene	9.47	152	1562734	40.23	nq	99
49) Dimethylphthalate	9.36	163	1174384	39.39	nq	# 98
50) 2,6-Dinitrotoluene	9.40	165	265141	39.99	nq	# 88
51) Acenaphthene	9.64	154	971525	39.47	nq	99
52) 3-Nitroaniline	9.58	138	174811	23.11	nq	80
53) 2,4-Dinitrophenol	9.68	184	171431	48.13	nq	# 87
54) Dibenzofuran	9.82	168	1361748	41.29	nq	100
55) 4-Nitrophenol	9.76	139	406592	71.28	nq	83
56) 2,4-Dinitrotoluene	9.80	165	308638	36.70	nq	# 72
57) Fluorene	10.16	166	1054324	43.75	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	311470	45.18	nq	94
59) Diethylphthalate	10.06	149	1657336	59.09	nq	95
60) 4-Chlorophenyl-phenylether	10.16	204	474613	41.85	nq	99
61) 4-Nitroaniline	10.18	138	276259	37.18	nq	91
62) Azobenzene	10.31	77	1069220	38.17	nq	98
64) 4,6-Dinitro-2-methylphenol	10.22	198	166598	32.84	nq	# 65
65) n-Nitrosodiphenylamine	10.27	169	875730	36.76	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	336547	42.19	nq	99
67) Hexachlorobenzene	10.70	284	333964	36.65	nq	95
68) Atrazine	10.81	200	276267	34.74	nq	99
69) Pentachlorophenol	10.89	266	324538	66.21	nq	99
70) Phenanthrene	11.11	178	1643597	41.66	nq	99
71) Anthracene	11.15	178	1580951	39.51	nq	100
72) Carbazole	11.31	167	1456939	38.83	nq	99
73) Di-n-butylphthalate	11.67	149	1776850	40.63	nq	# 98
74) Fluoranthene	12.28	202	1694131	40.97	nq	97
76) Benzydine	12.41	184	352842	17.38	nq	# 72
77) Pyrene	12.50	202	1541418	40.80	nq	99
79) Butylbenzylphthalate	13.14	149	695498	45.65	nq	95
80) Benzo(a)anthracene	13.68	228	1396848	42.56	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	162153	13.69	nq	# 98
82) Chrysene	13.73	228	1356119	44.23	nq	100
83) Bis(2-ethylhexyl)phthalate	13.70	149	846751	40.18	nq	# 94
84) Di-n-octyl phthalate	14.31	149	1423578	41.85	nq	# 99
85) Indeno(1,2,3-cd)pyrene	16.23	276	1069498	47.19	nq	99
87) Benzo(b)fluoranthene	14.70	252	2036813	73.40	nq	# 97
88) Benzo(k)fluoranthene	14.70	252	2036813	86.50	nq	# 98
89) Benzo(a)pyrene	14.97	252	995864	41.89	nq	# 95
90) Dibenzo(a,h)anthracene	16.25	278	897700	51.53	nq	97
91) Benzo(g,h,i)perylene	16.58	276	922001	52.58	nq	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 :

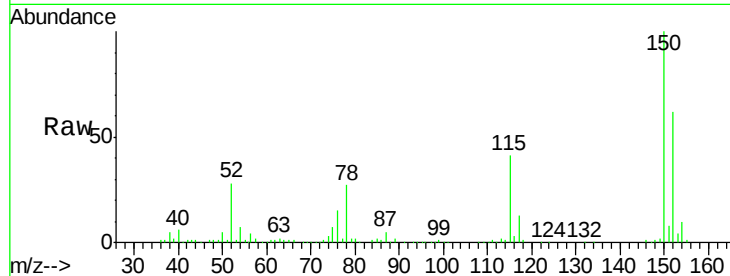
Tot Ion:152 Resp: 197264

Ion Ratio Lower Upper

152 100

150 160.2 127.4 191.2

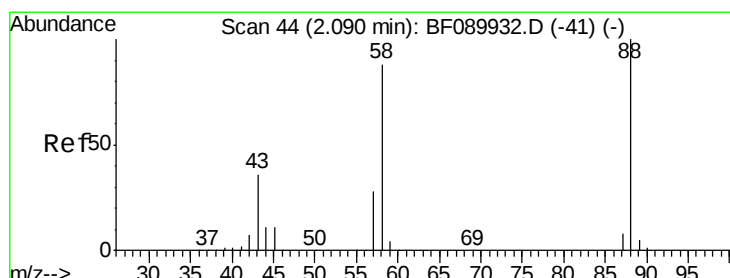
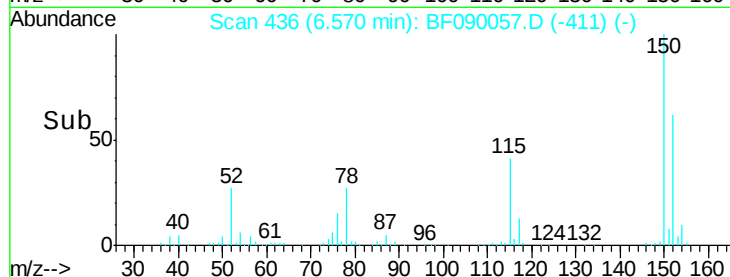
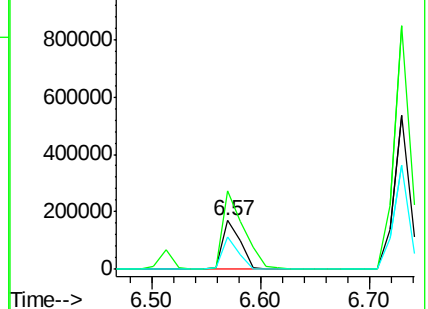
115 65.2 46.3 69.5



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

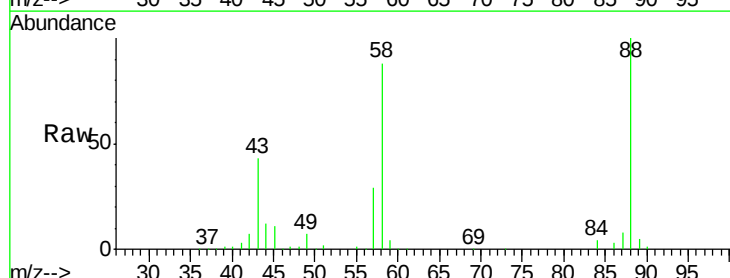
Tgt Ion: 88 Resp: 196863

Ion Ratio Lower Upper

88 100

58 85.6 68.8 103.2

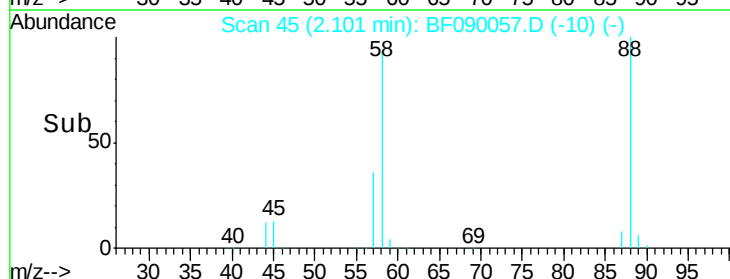
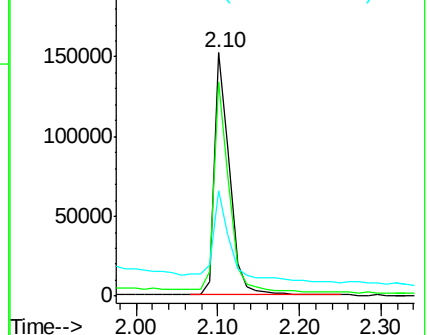
43 47.7 27.0 40.6#

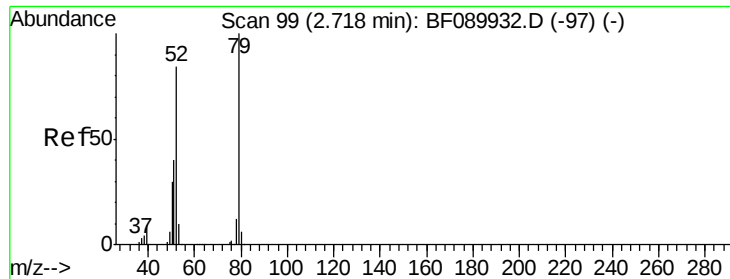


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

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 :

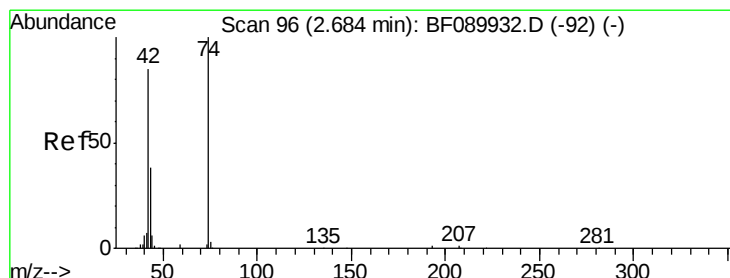
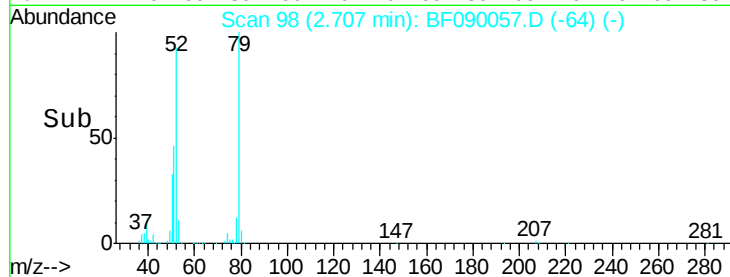
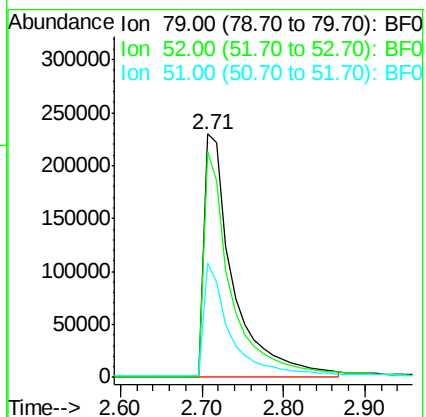
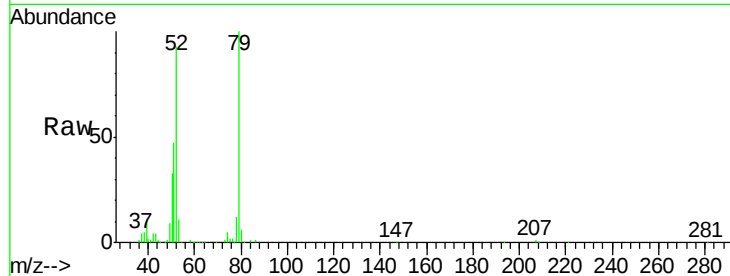
Tot Ion: 79 Resp: 584401

Ion Ratio Lower Upper

79 100

52 92.9 67.8 101.6

51 46.7 32.9 49.3



#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

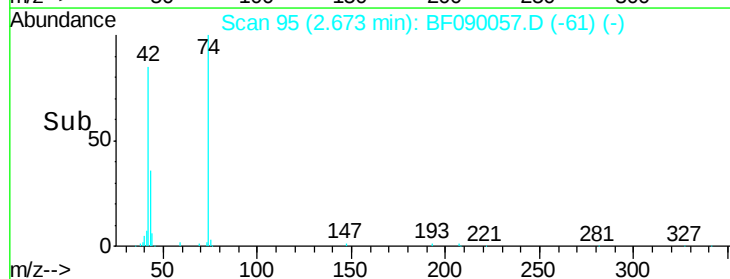
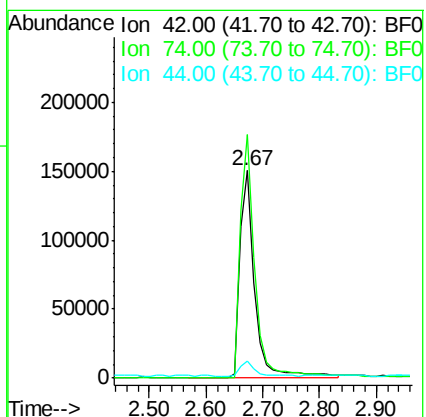
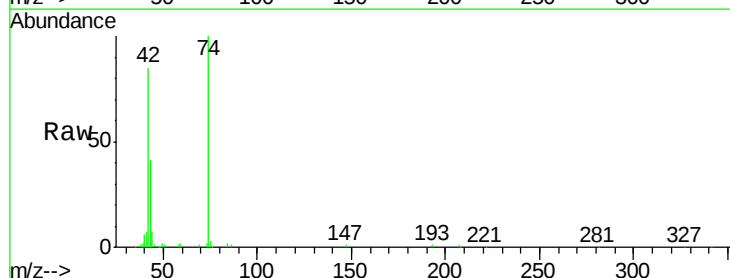
Tgt Ion: 42 Resp: 273846

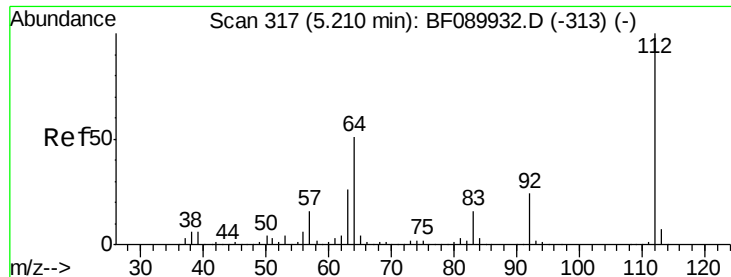
Ion Ratio Lower Upper

42 100

74 117.4 92.0 138.0

44 8.2 5.8 8.8





#5

2-Fluorophenol

Concen: 71.96 ng

RT: 5.15 min Scan# 312

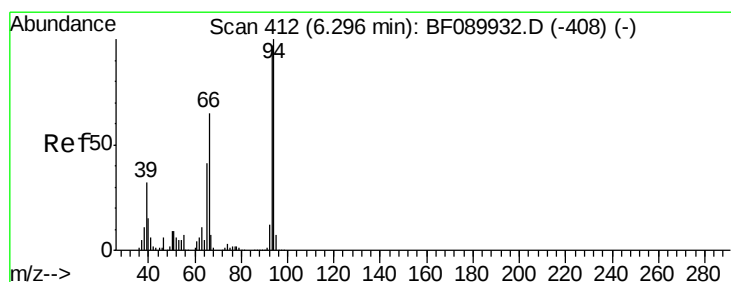
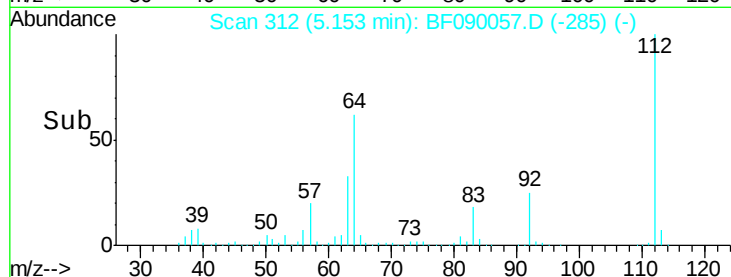
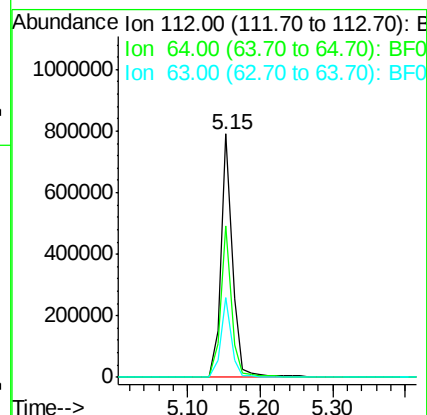
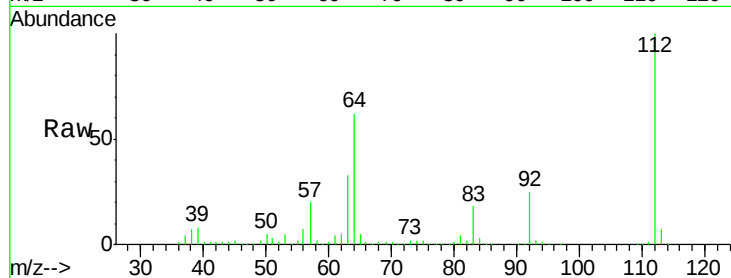
Delta R.T. 0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	886791
Ion	Ratio	Lower	Upper
112	100		
64	62.5	41.1	61.7#
63	32.9	21.2	31.8#



#6

Aniline

Concen: 17.16 ng

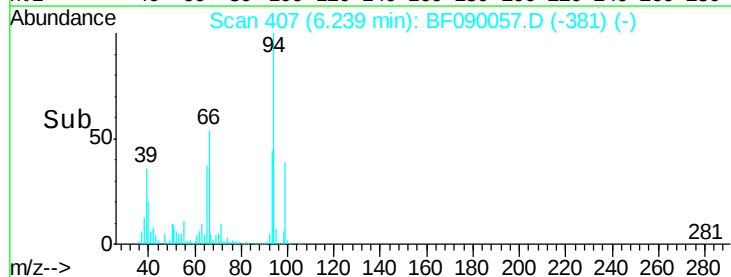
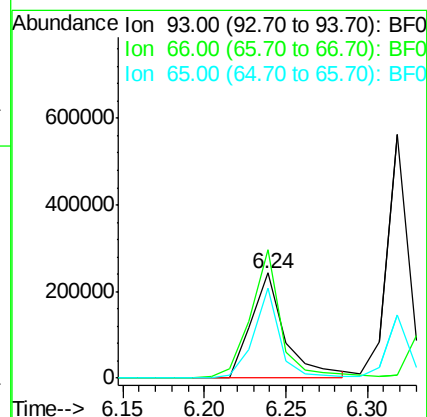
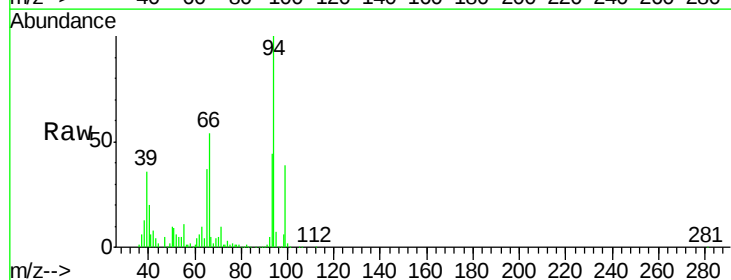
RT: 6.24 min Scan# 407

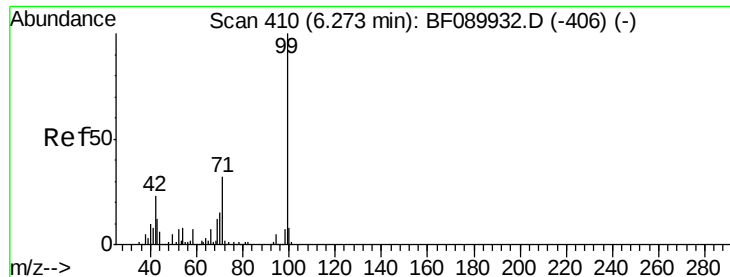
Delta R.T. -0.00 min

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#





#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 :

BNA_F

ClientSampled :

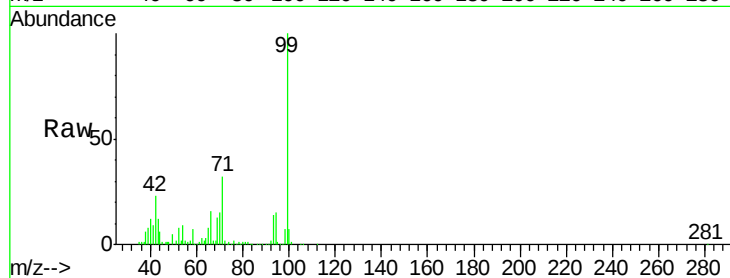
Tot Ion: 99 Resp: 1077964

Ion Ratio Lower Upper

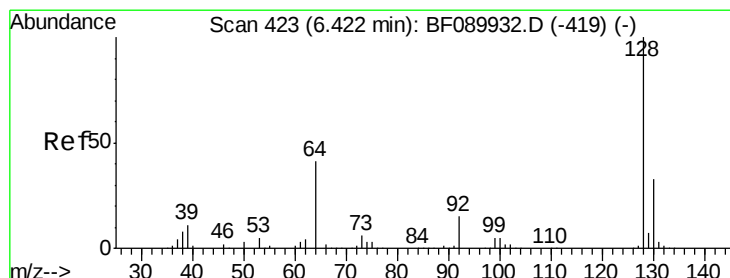
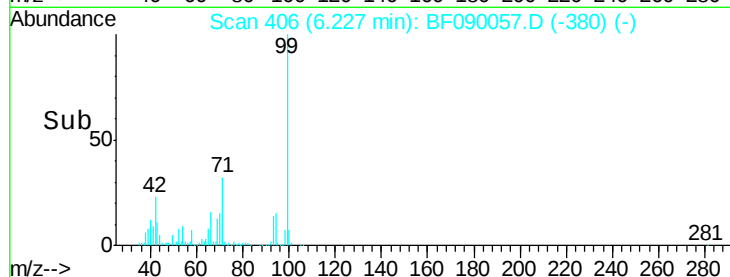
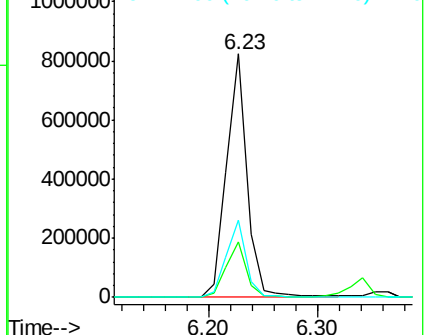
99 100

42 22.9 18.6 27.8

71 31.8 25.8 38.6



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



#8

2-Chlorophenol

Concen: 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

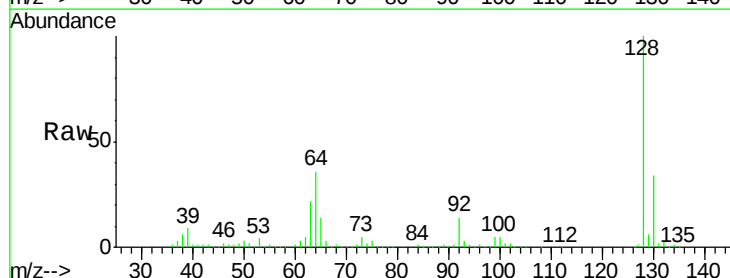
Tgt Ion: 128 Resp: 548949

Ion Ratio Lower Upper

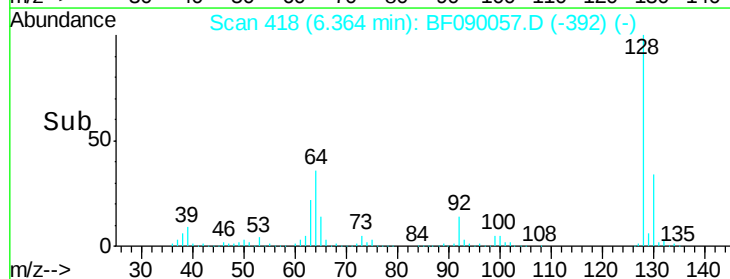
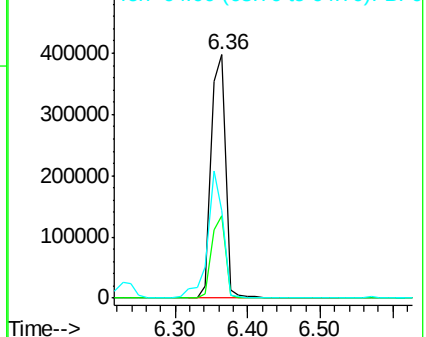
128 100

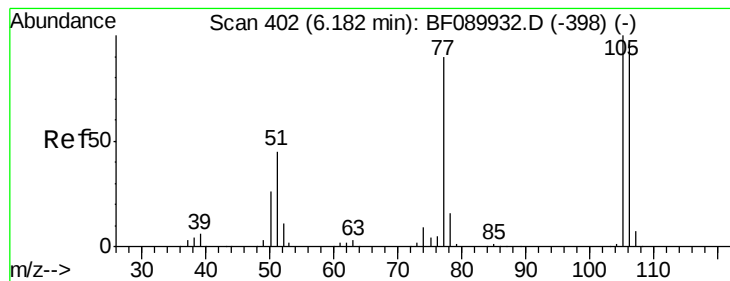
130 33.8 12.8 52.8

64 35.9 23.2 63.2



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





#9

Benzaldehyde

Concen: 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

ClientSampled :

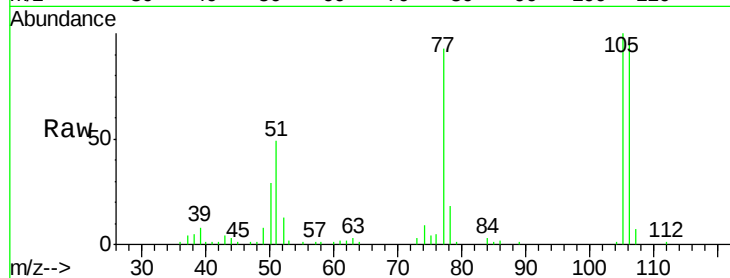
Tot Ion: 77 Resp: 65425

Ion Ratio Lower Upper

77 100

105 107.7 85.4 125.4

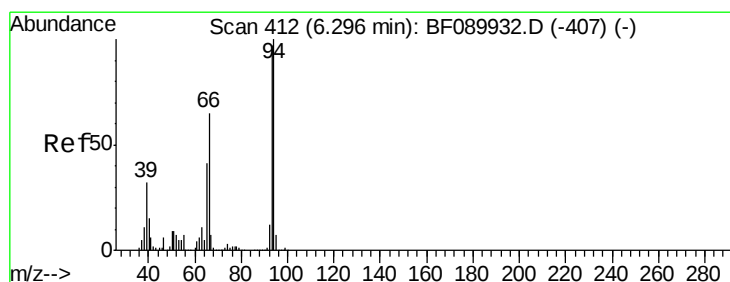
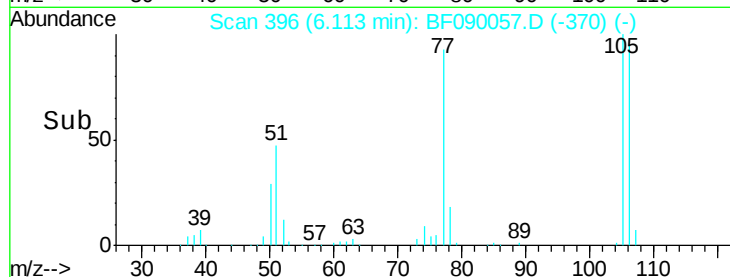
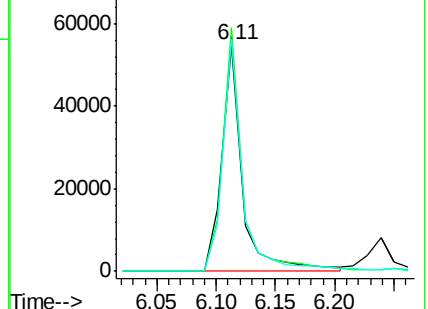
106 102.6 83.4 123.4



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

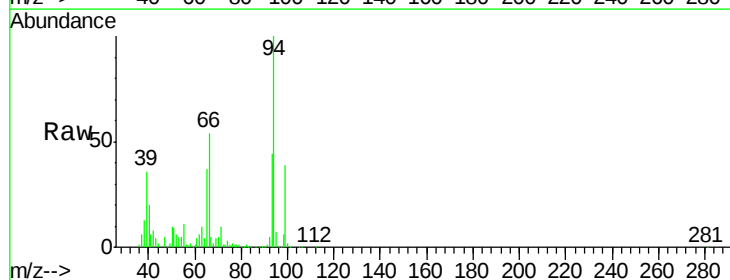
Tgt Ion: 94 Resp: 591085

Ion Ratio Lower Upper

94 100

65 37.5 23.2 63.2

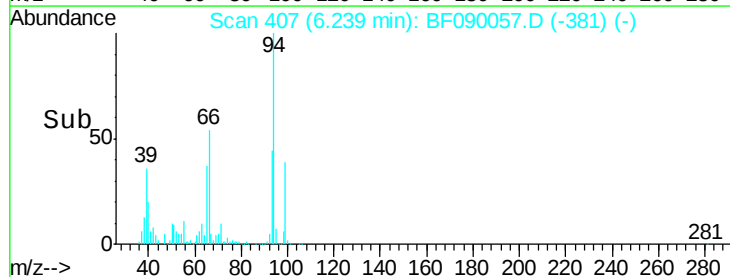
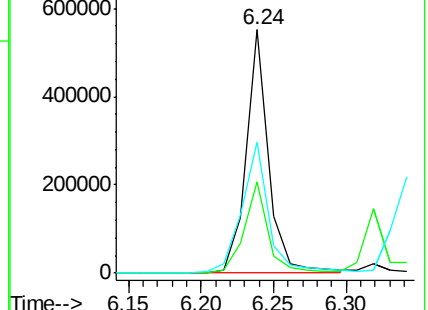
66 53.9 49.2 89.2

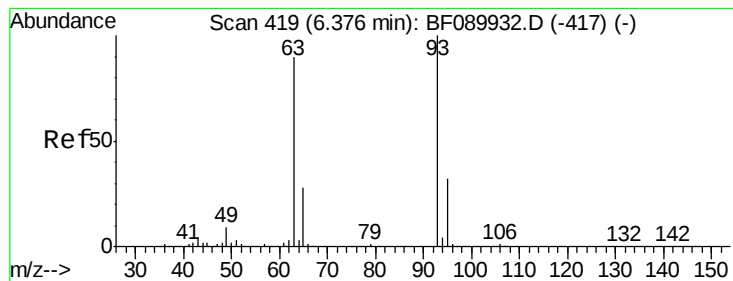


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

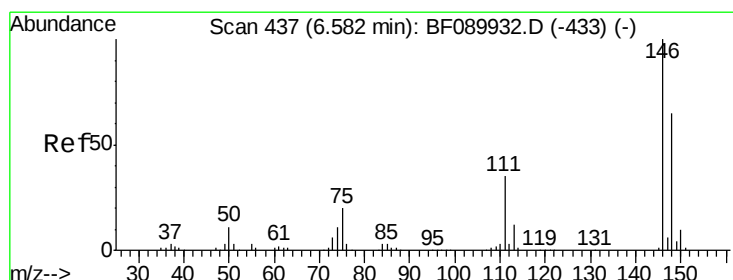
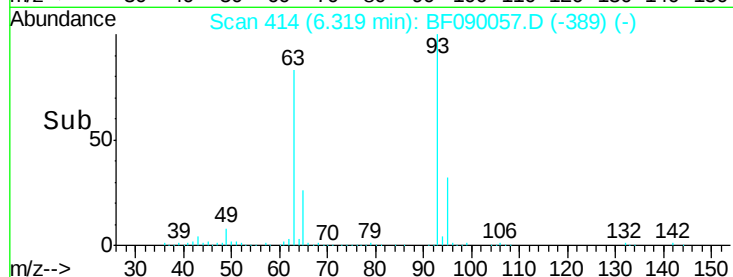
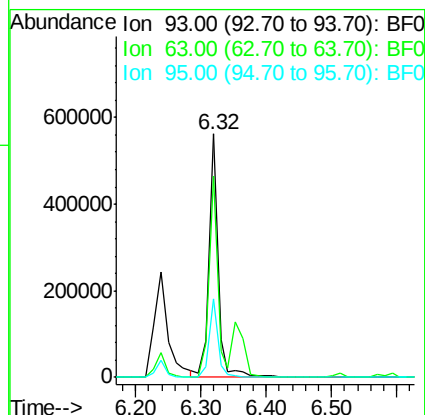
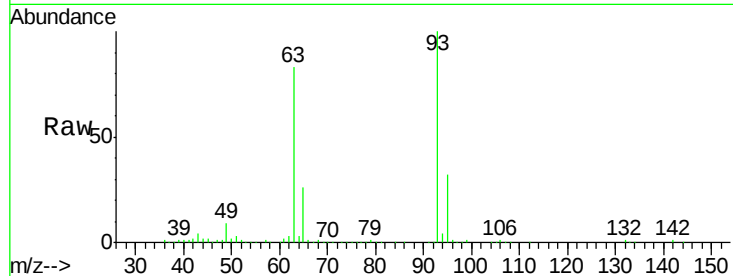




#11
bis(2-Chloroethyl)ether
Concen: 41.52 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

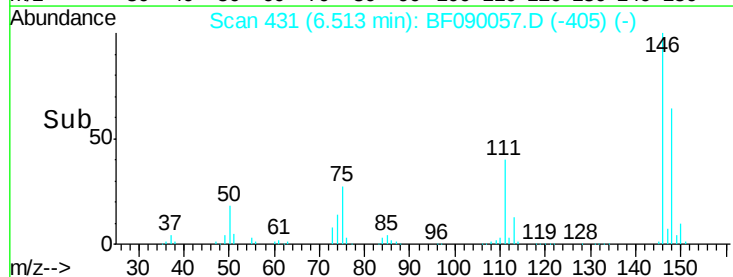
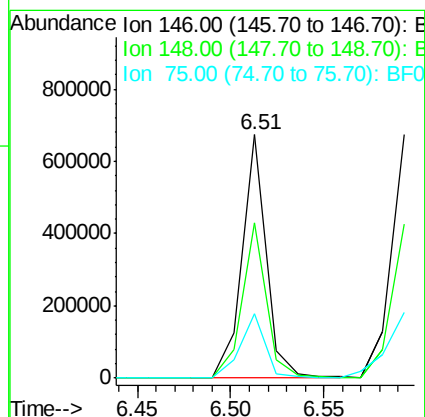
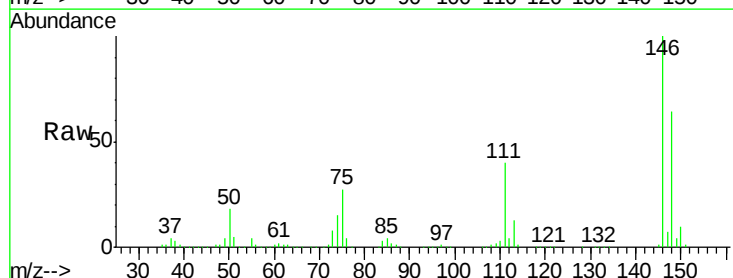
Instrument :
BNA_F
ClientSampleId :

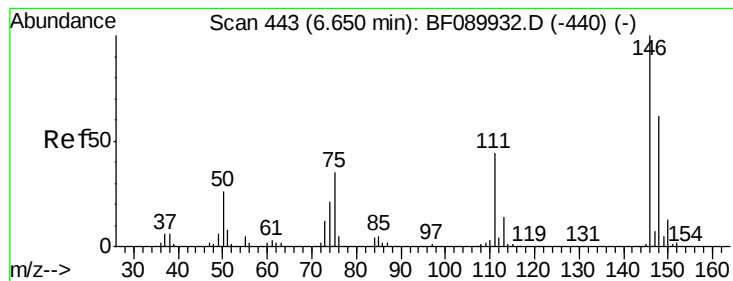
Tot Ion: 93 Resp: 547202
Ion Ratio Lower Upper
93 100
63 82.7 71.1 111.1
95 32.4 12.4 52.4



#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 :

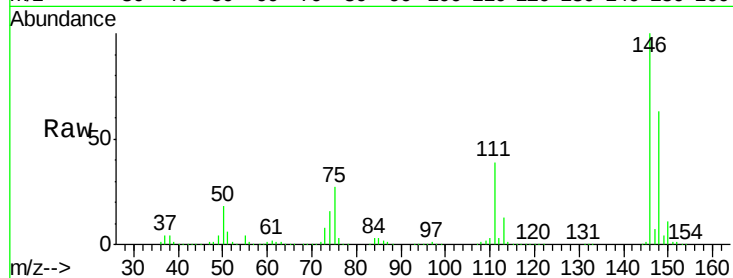
Tot Ion:146 Resp: 629611

Ion Ratio Lower Upper

146 100

148 63.5 50.1 75.1

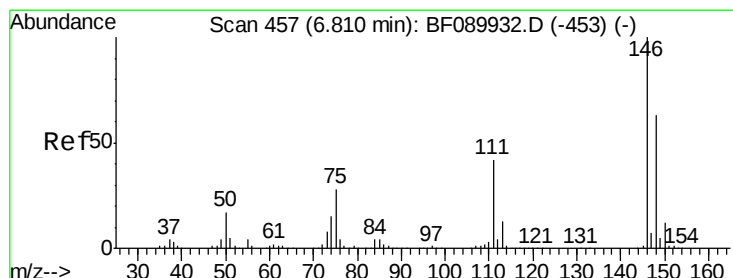
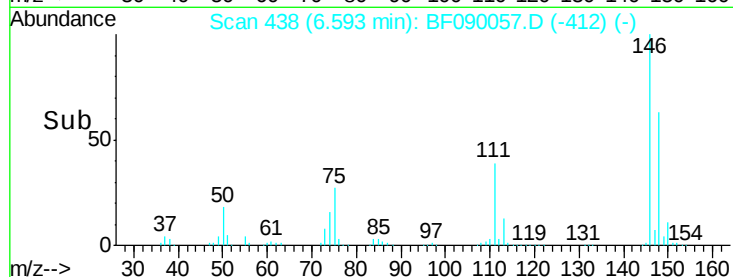
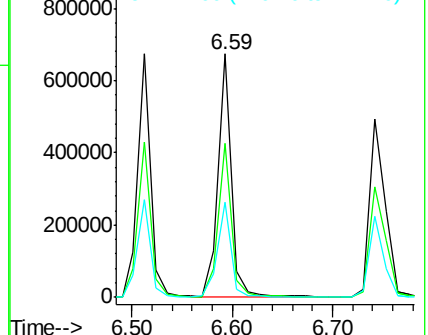
111 39.2 35.8 53.6



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

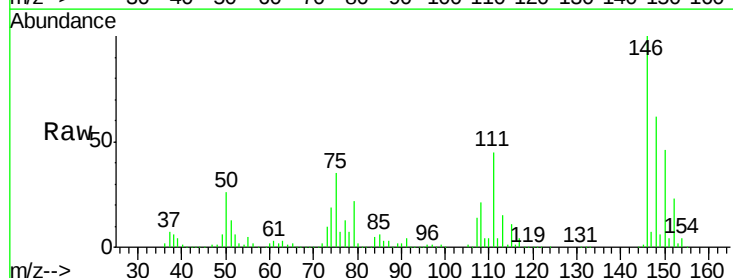
Tgt Ion:146 Resp: 536595

Ion Ratio Lower Upper

146 100

148 61.9 51.4 77.2

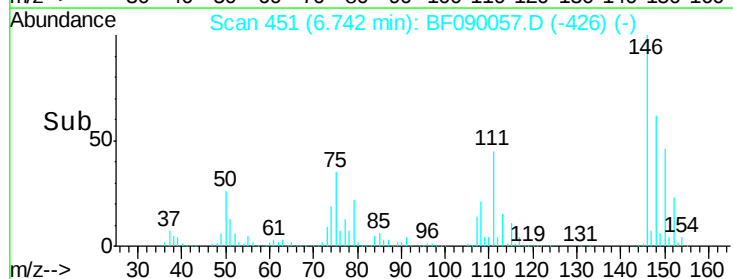
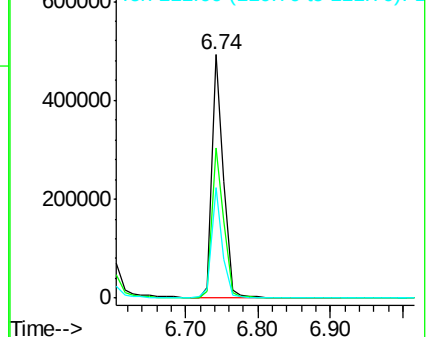
111 45.5 34.6 51.8

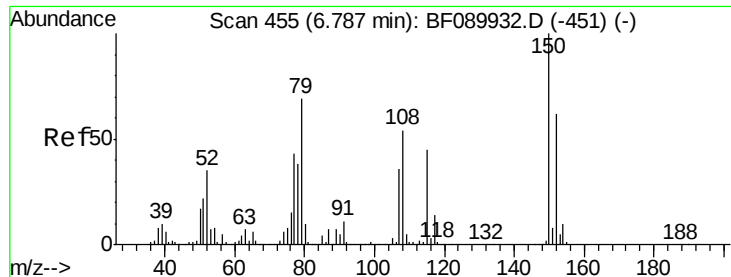


Abundance Ion 146.00 (145.70 to 146.70): E

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
ClientSampled :

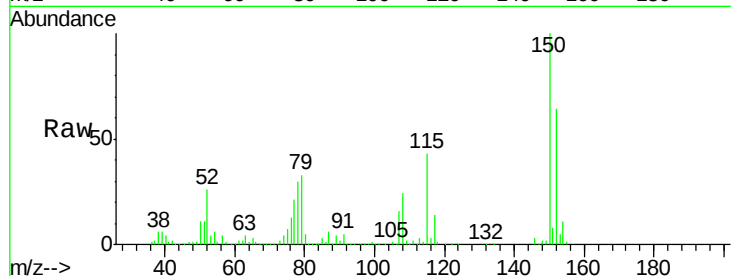
Tot Ion: 79 Resp: 377890

Ion Ratio Lower Upper

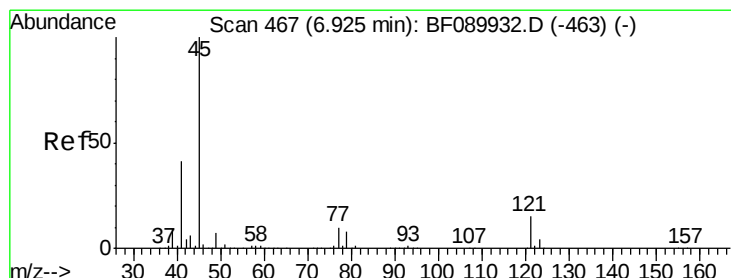
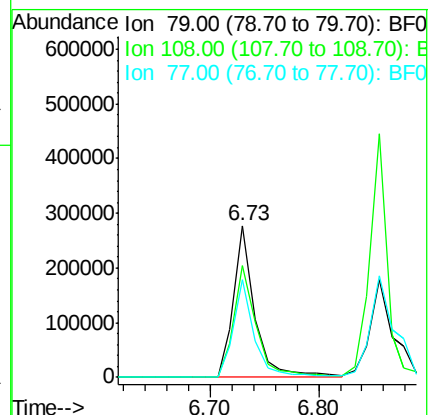
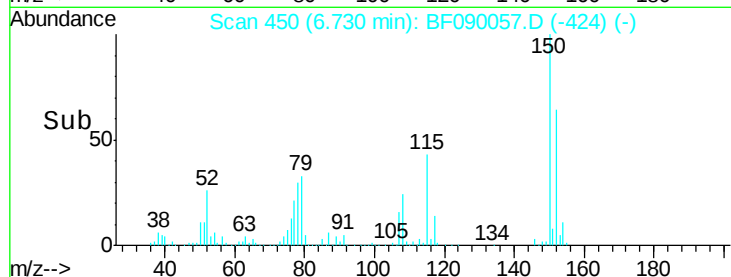
79 100

108 73.8 62.1 93.1

77 64.2 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 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

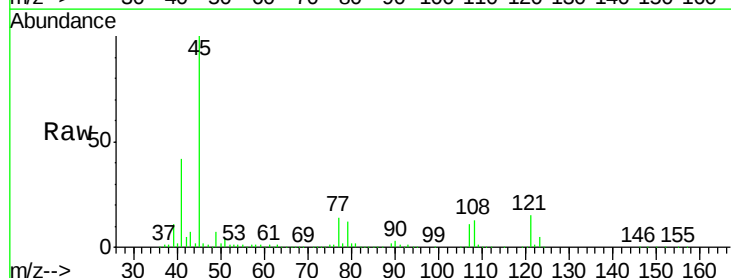
Tgt Ion: 45 Resp: 943567

Ion Ratio Lower Upper

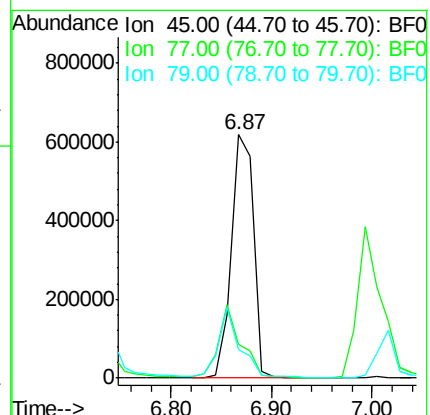
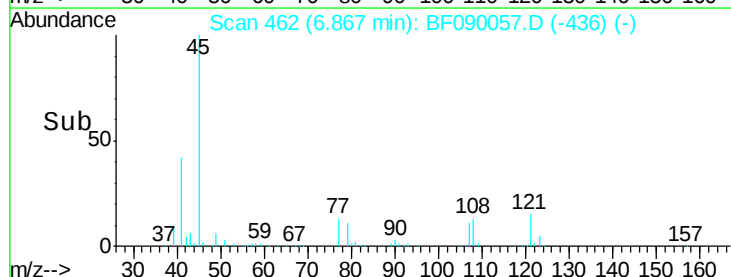
45 100

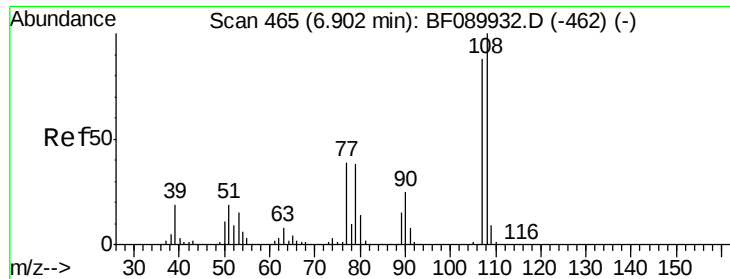
77 14.0 0.0 30.3

79 11.8 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 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 :

Tot Ion:107 Resp: 436251

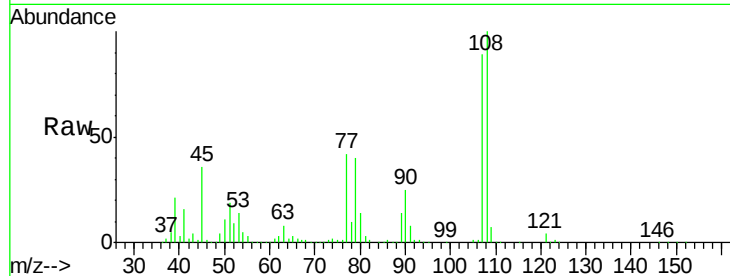
Ion Ratio Lower Upper

107 100

108 112.7 91.8 137.6

77 47.2 36.0 54.0

79 45.4 35.9 53.9

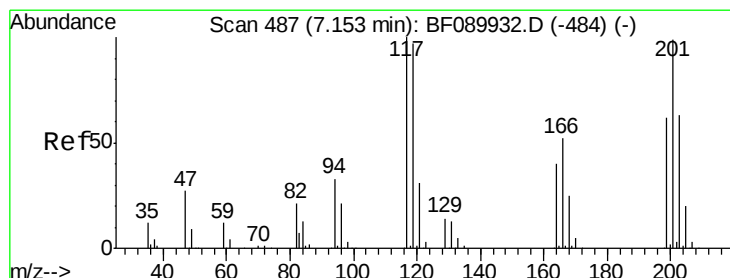
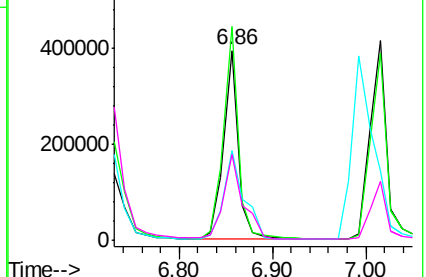
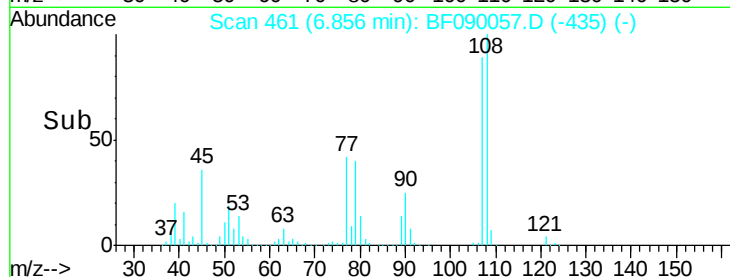


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.53 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

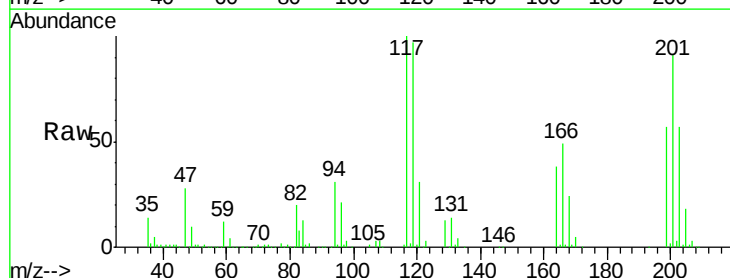
Tgt Ion:117 Resp: 206883

Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.2

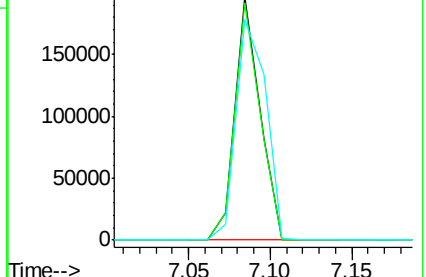
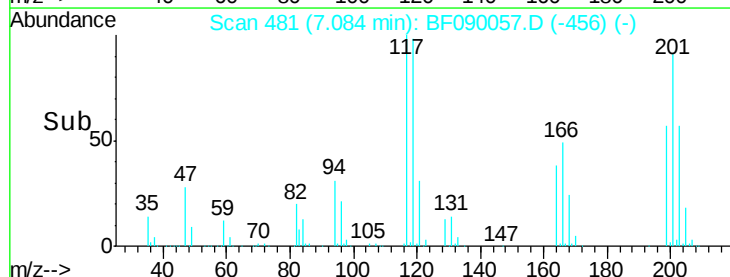
201 90.5 80.2 120.2

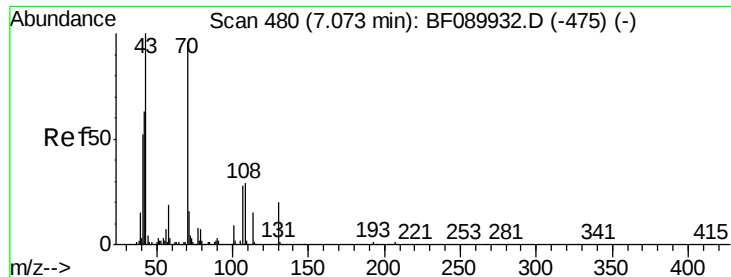


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

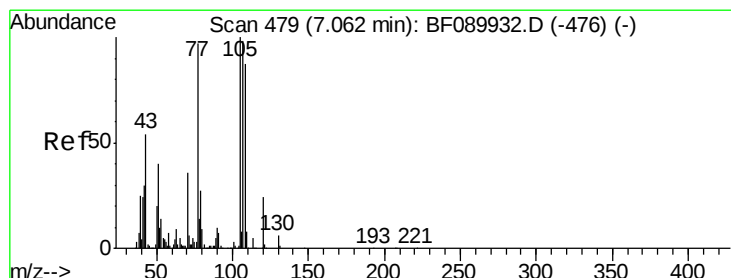
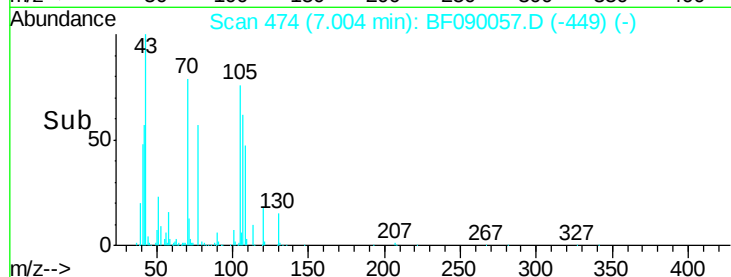
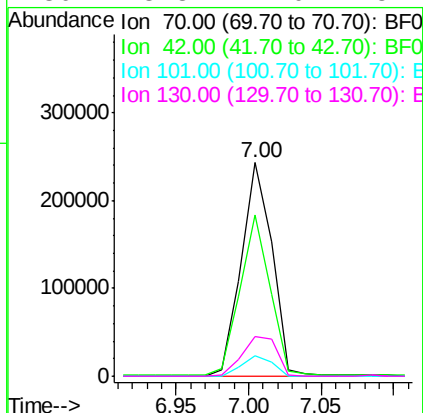
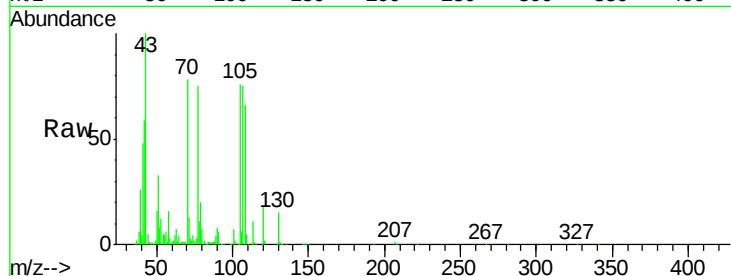




#19
n-Nitroso-di-n-propylamine
Concen: 36.87 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

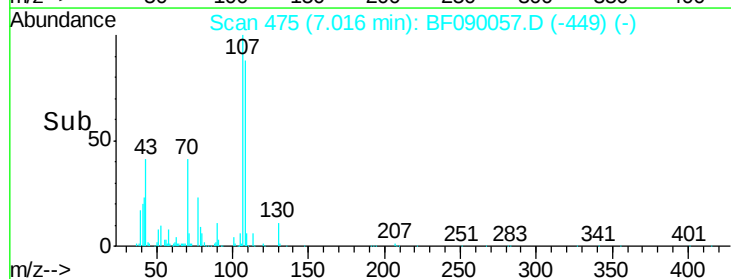
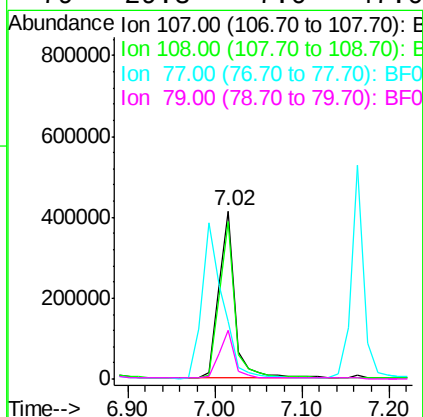
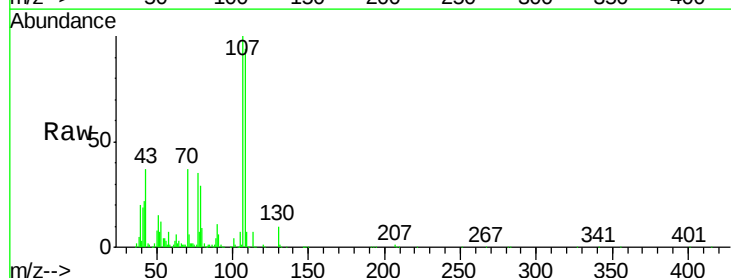
Instrument :
BNA_F
ClientSampleId :

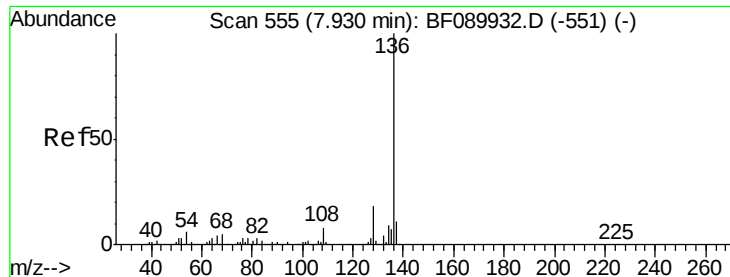
Tot Ion	Ratio	Lower	Upper
70	100		
42	75.3	52.1	78.1
101	9.4	7.4	11.2
130	18.8	17.0	25.4



#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	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





#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

ClientSampled :

Tot Ion:136 Resp: 785183

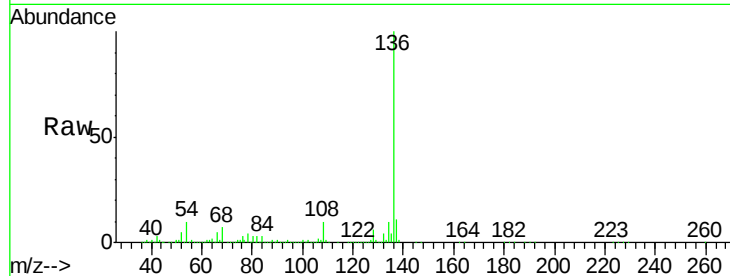
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 9.7 4.8 7.2#

68 6.6 3.7 5.5#

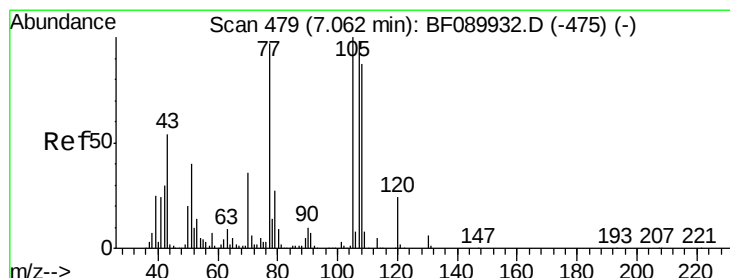
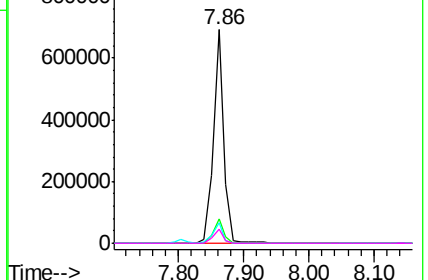
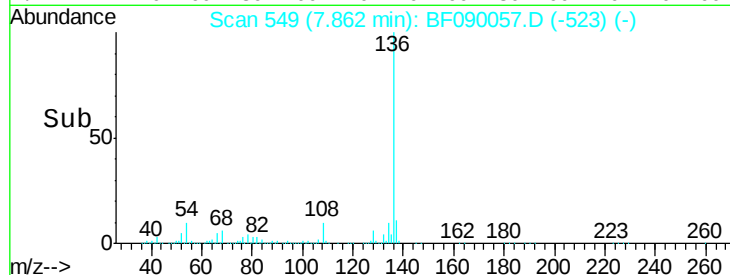


Abundance Ion 136.00 (135.70 to 136.70): E

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

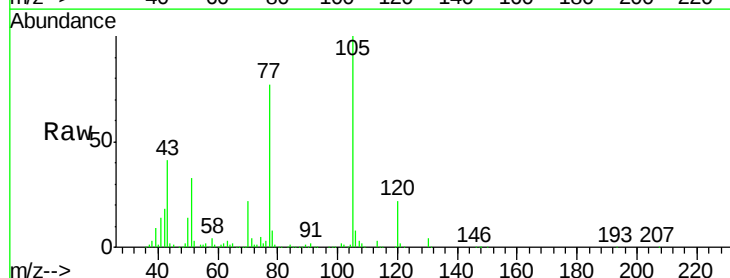
Ion Ratio Lower Upper

105 100

71 3.6 5.3 7.9#

51 32.9 32.6 48.8

120 22.0 18.6 28.0

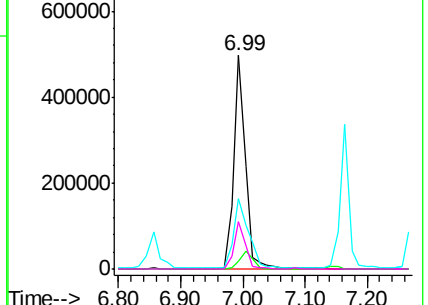
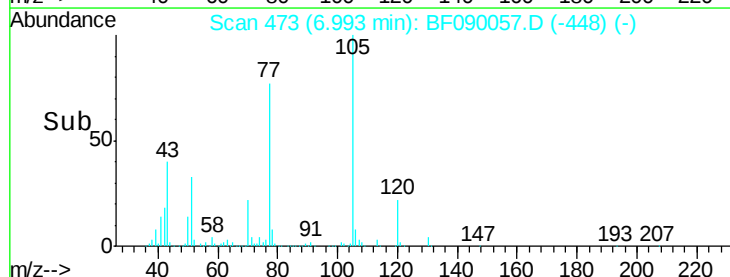


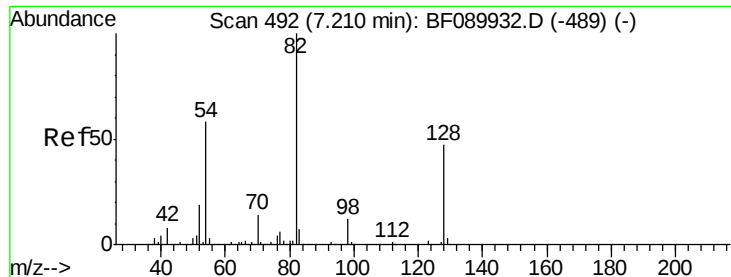
Abundance Ion 105.00 (104.70 to 105.70): E

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



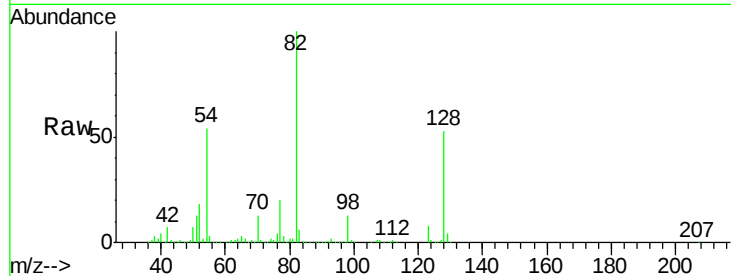


#23
 Nitrobenzene-d5
 Concen: 77.10 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

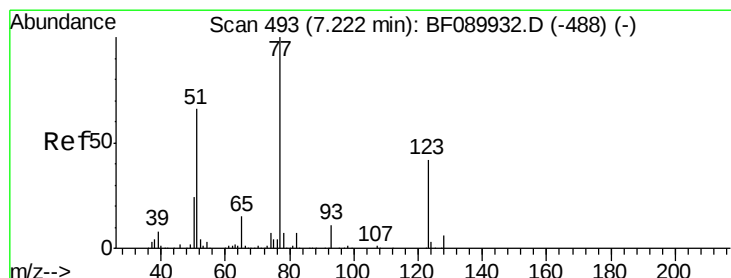
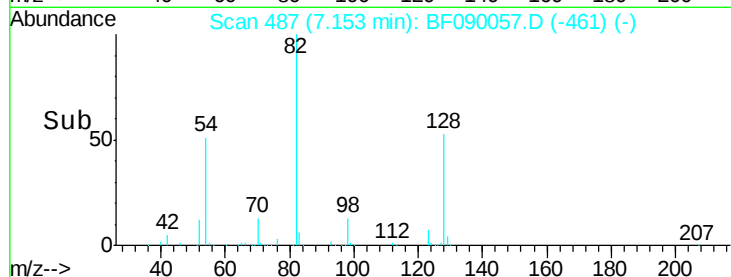
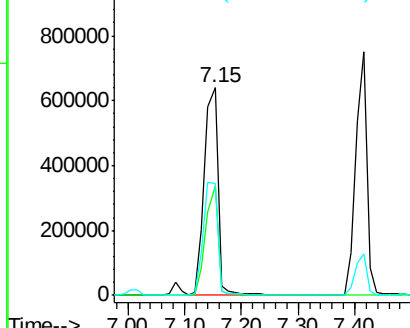
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1043767

Ion	Ratio	Lower	Upper
82	100		
128	52.6	37.8	56.8
54	53.8	46.9	70.3



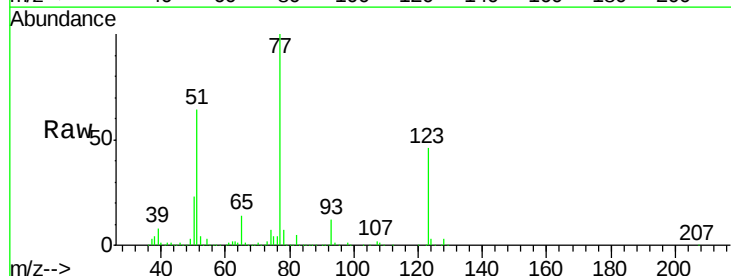
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



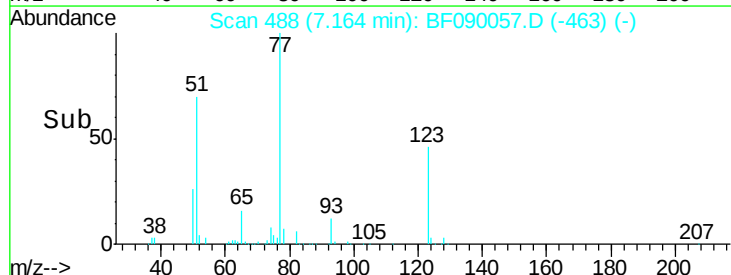
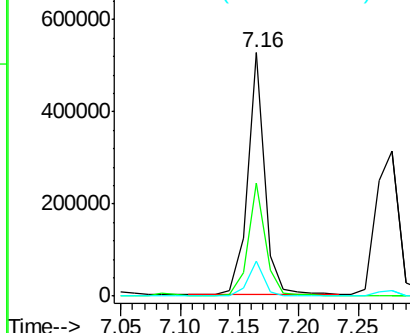
#24
 Nitrobenzene
 Concen: 36.77 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

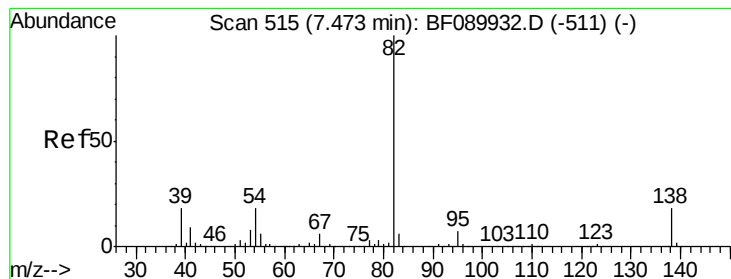
Tgt Ion: 77 Resp: 529271

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): BF0
 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

ClientSampled :

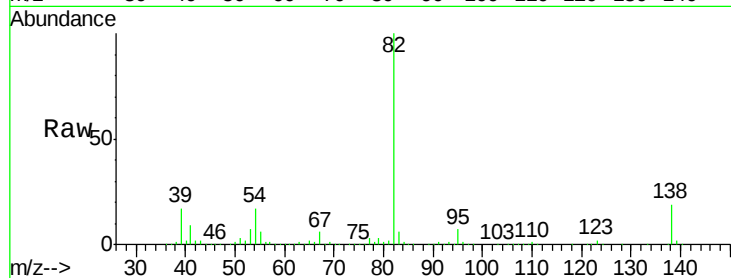
Tot Ion: 82 Resp: 1039607

Ion Ratio Lower Upper

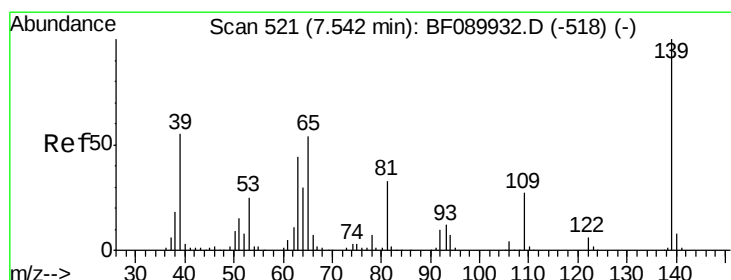
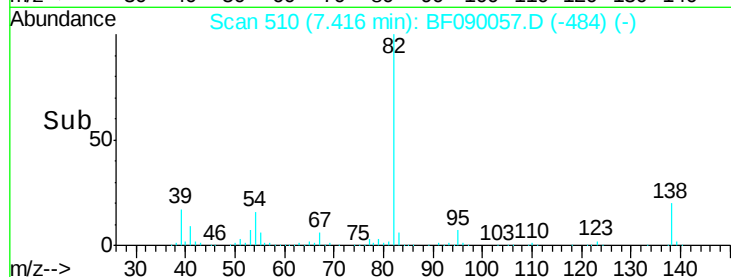
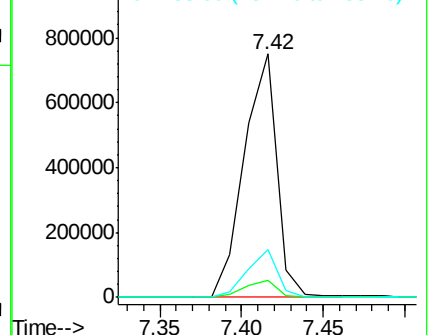
82 100

95 7.0 5.5 8.3

138 19.4 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 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

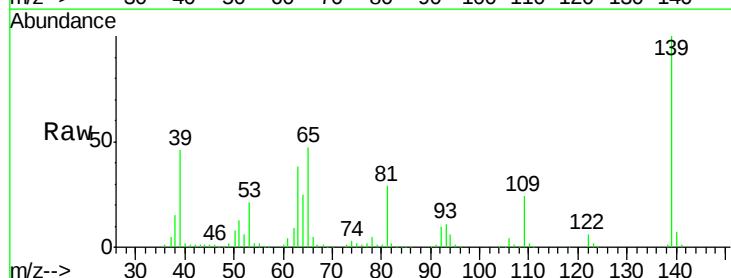
Tgt Ion: 139 Resp: 312763

Ion Ratio Lower Upper

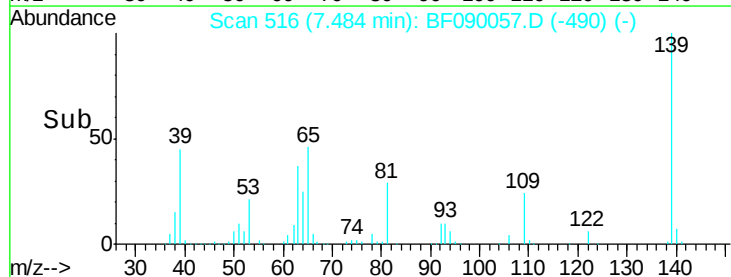
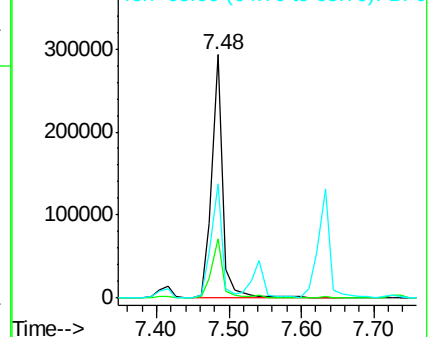
139 100

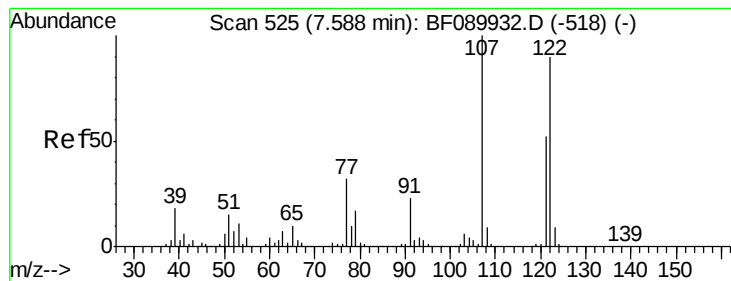
109 24.4 21.0 31.4

65 46.9 43.4 65.0



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

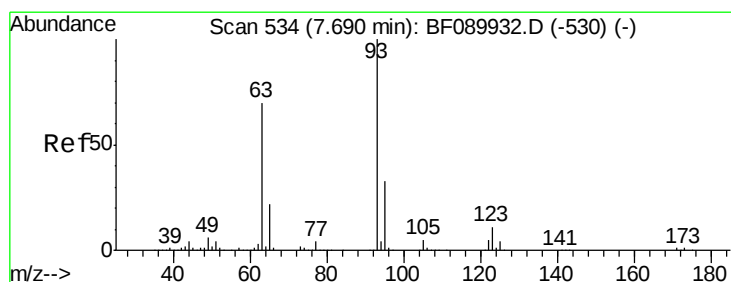
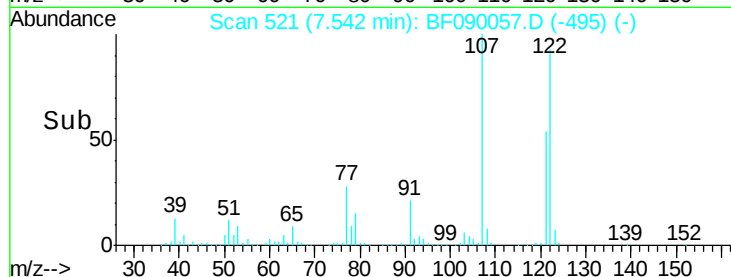
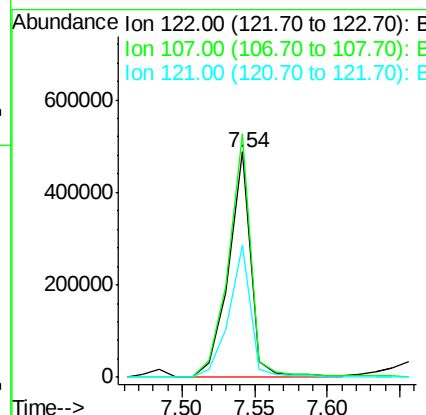
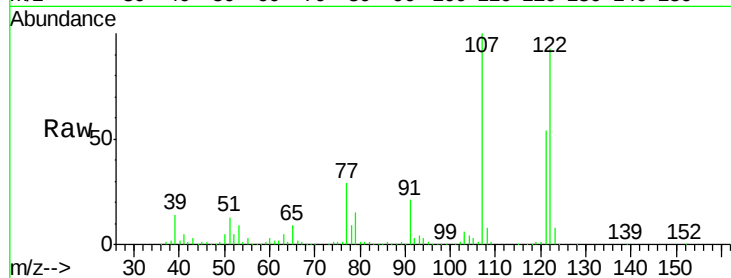




#27
 2,4-Dimethylphenol
 Concen: 40.97 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

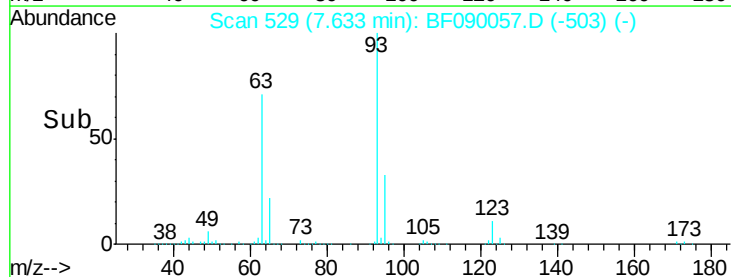
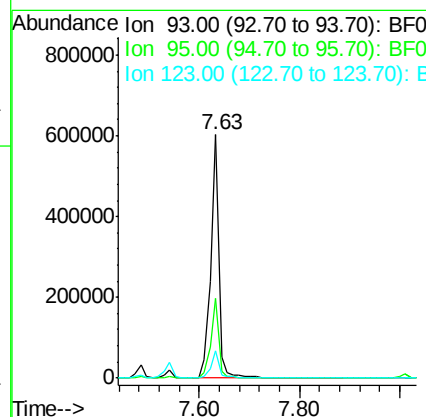
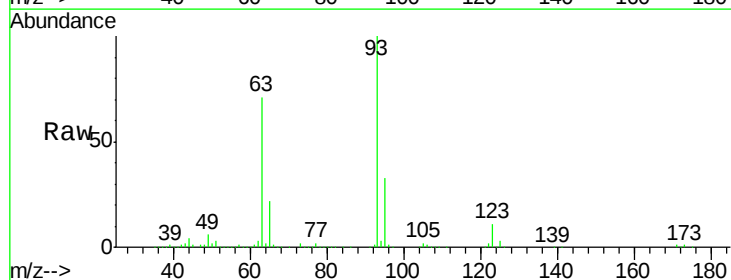
Instrument :
 BNA_F
 ClientSampleId :

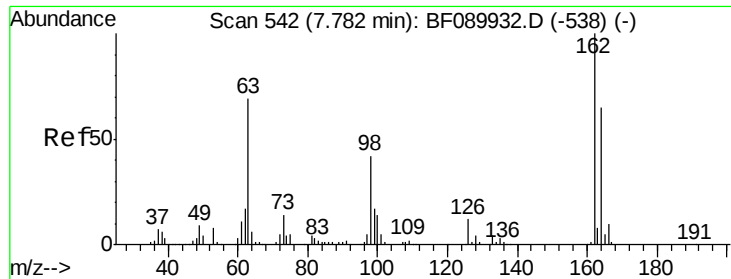
Tot Ion:122 Resp: 521396
 Ion Ratio Lower Upper
 122 100
 107 107.9 88.5 132.7
 121 58.5 46.0 69.0



#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

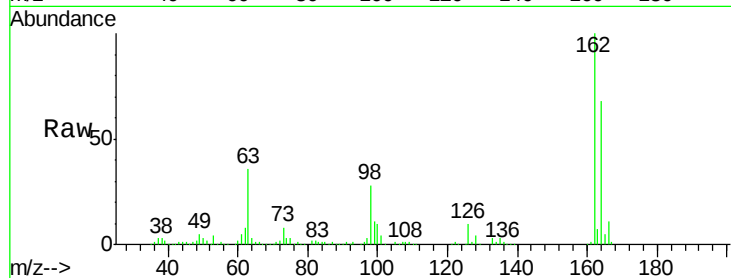




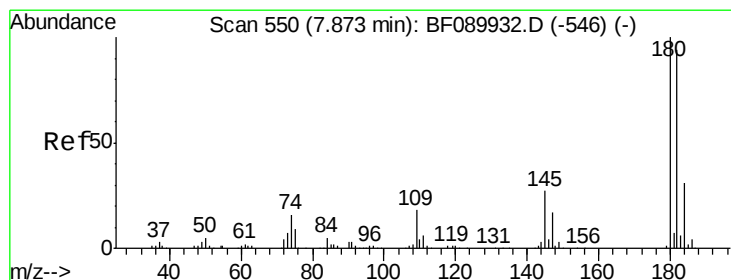
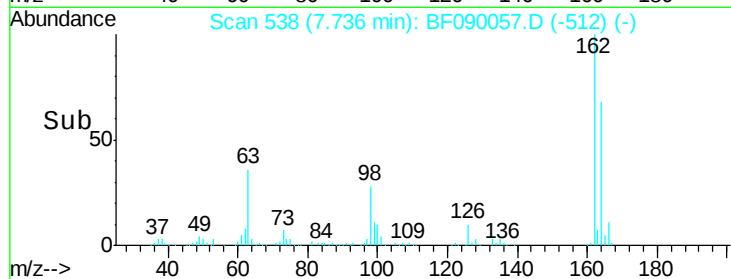
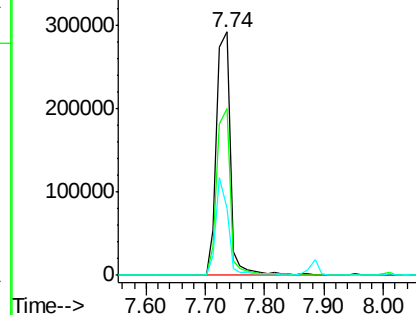
#29
 2,4-Dichlorophenol
 Concen: 41.67 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	46.6	86.6
98	27.6	22.0	62.0

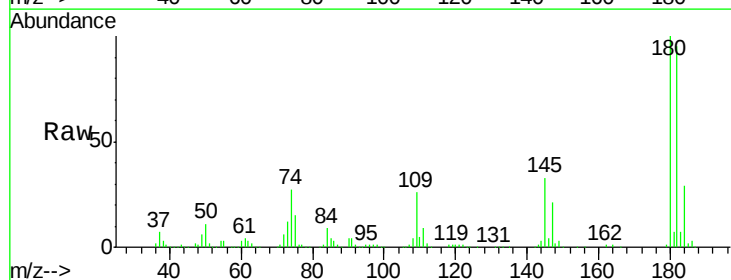


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

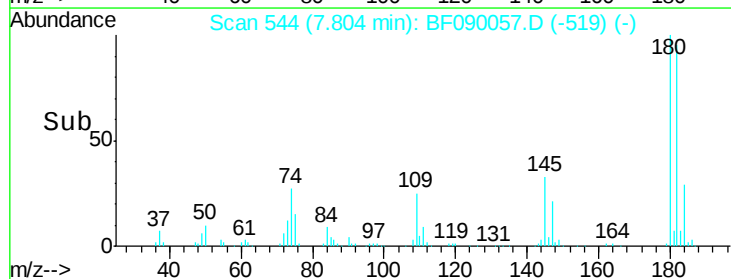
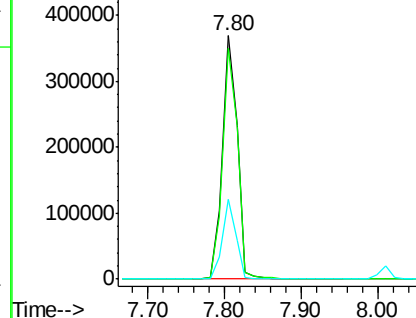


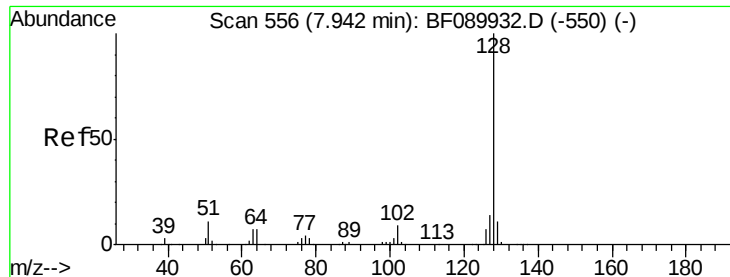
#30
 1,2,4-Trichlorobenzene
 Concen: 40.37 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion	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

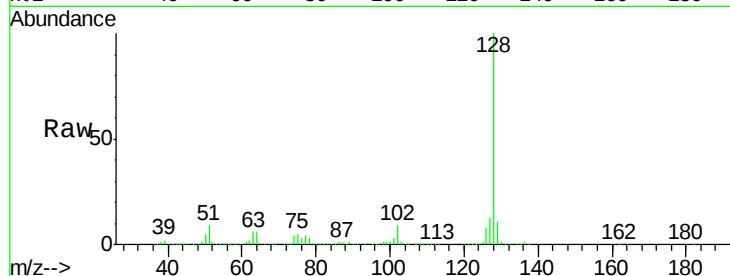




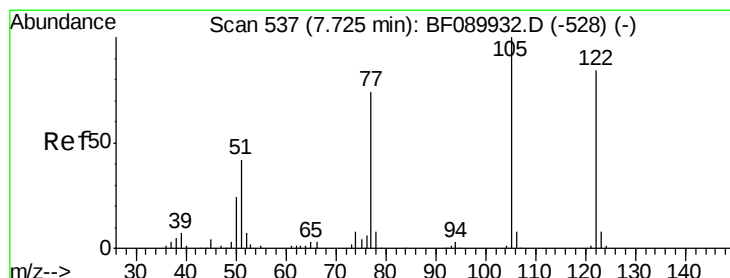
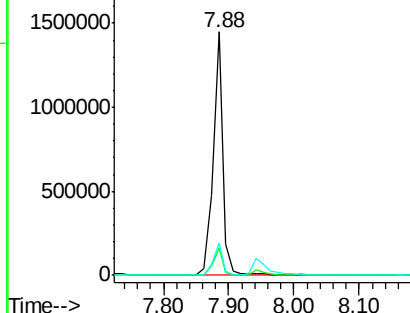
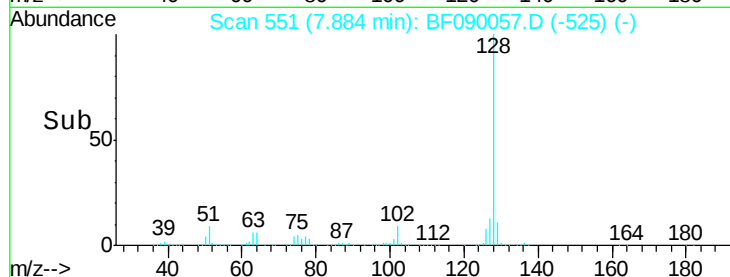
#31
Naphthalene
Concen: 39.46 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1543444
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.4 10.7 16.1

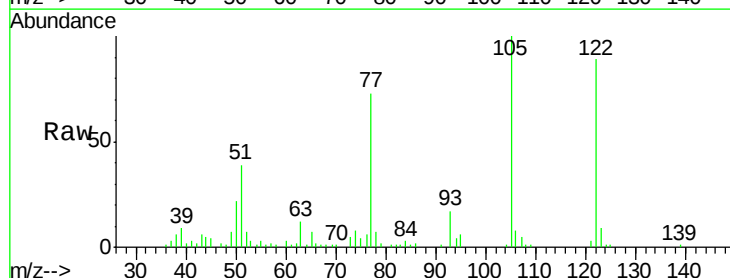


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

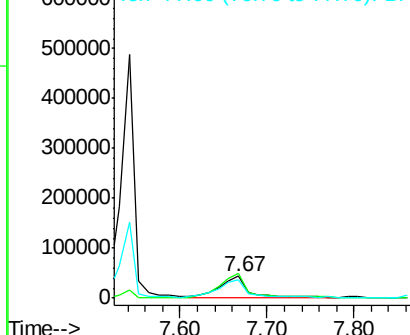
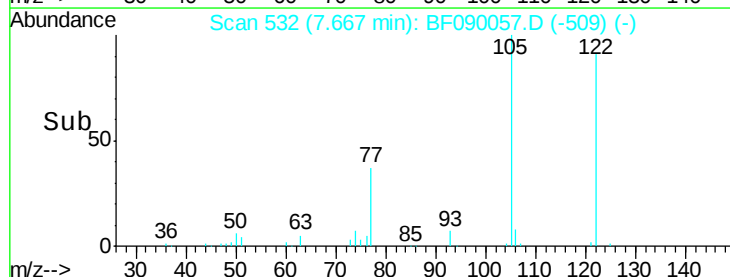


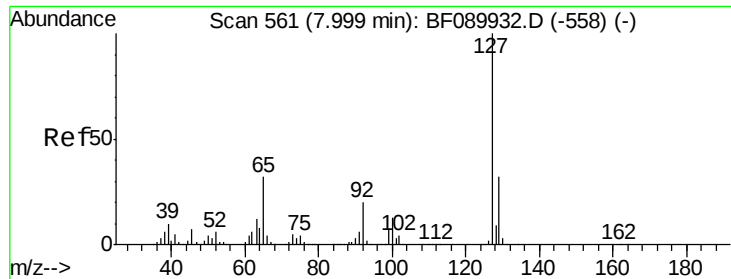
#32
Benzoic acid
Concen: 11.03 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

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

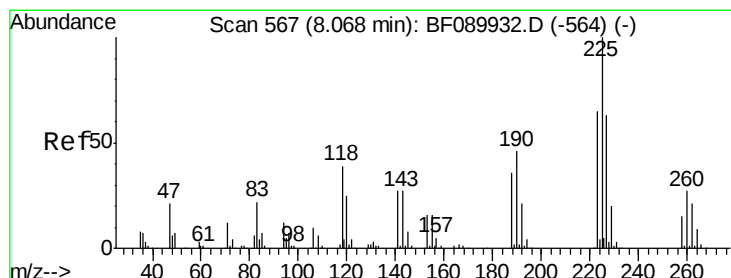
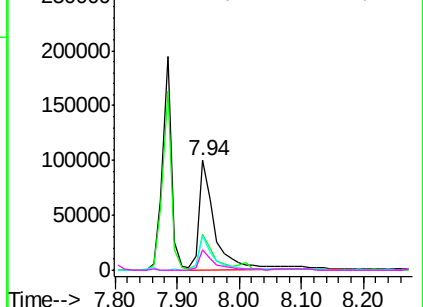
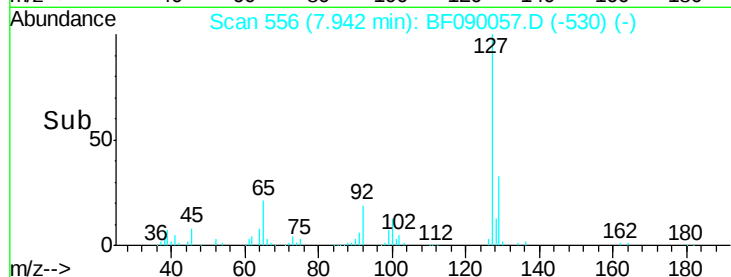
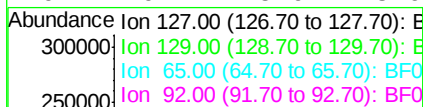
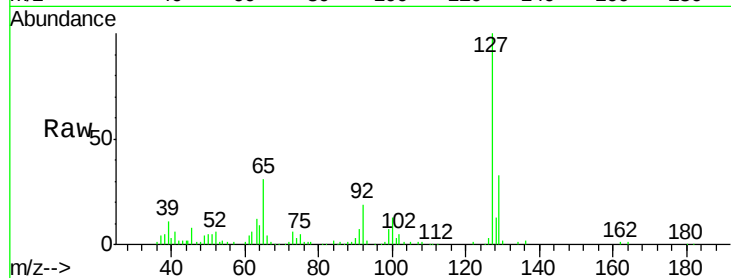




#33
4-Chloroaniline
Concen: 11.48 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

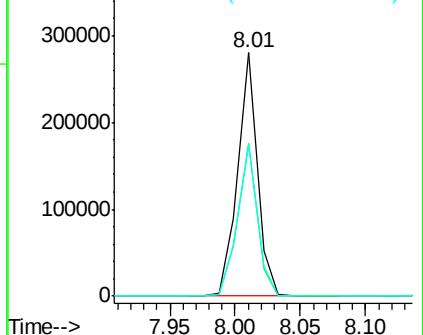
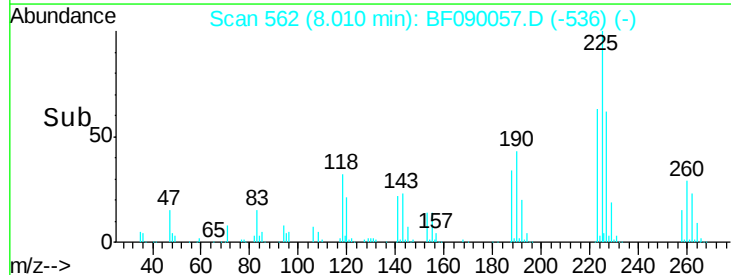
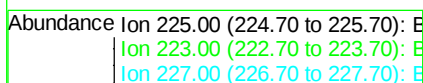
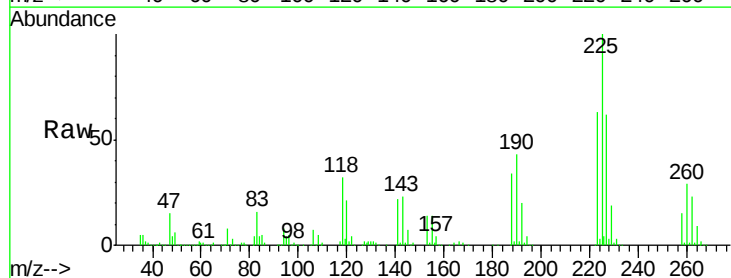
Instrument :
BNA_F
ClientSampled :

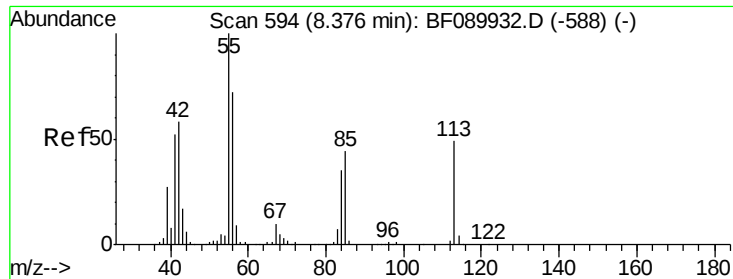
Tot Ion:	127	Resp:	181120
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	31.3	26.0	39.0
92	19.1	15.9	23.9



#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

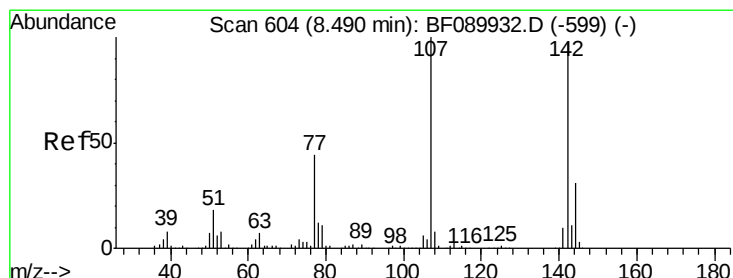
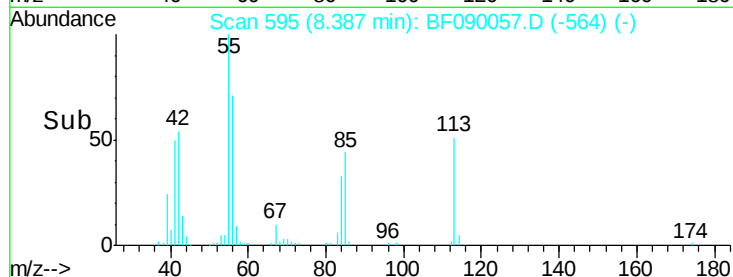
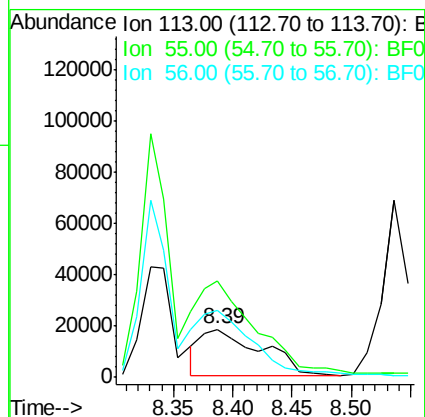
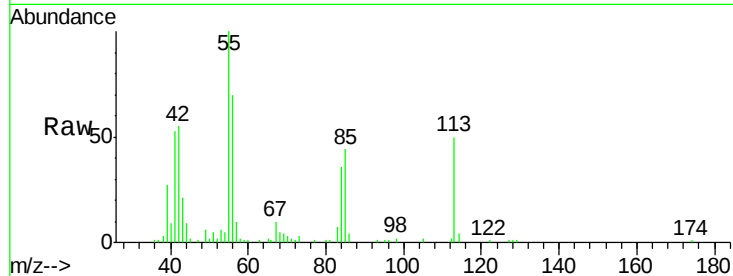




#35
 Caprolactam
 Concen: 17.39 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.06 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

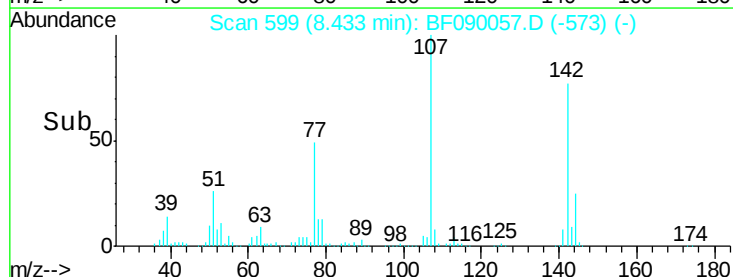
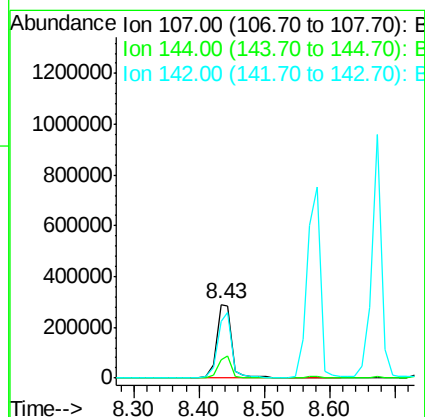
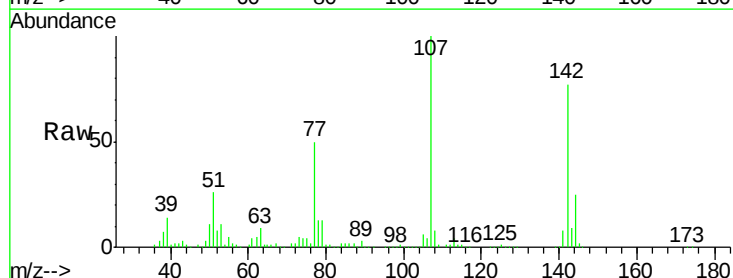
Instrument :
 BNA_F
 ClientSampleId :

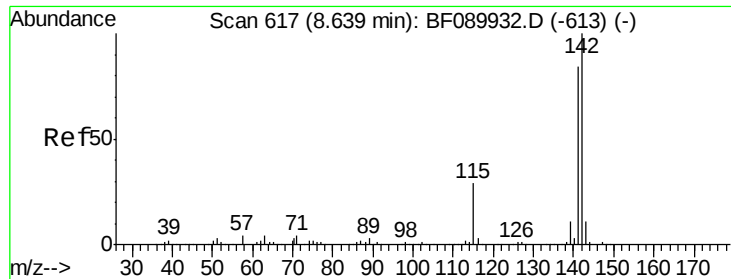
Tot Ion:113 Resp: 62621
 Ion Ratio Lower Upper
 113 100
 55 200.4 178.5 218.5
 56 140.1 122.7 162.7



#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#

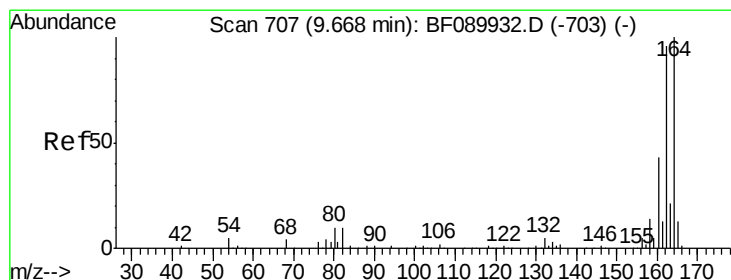
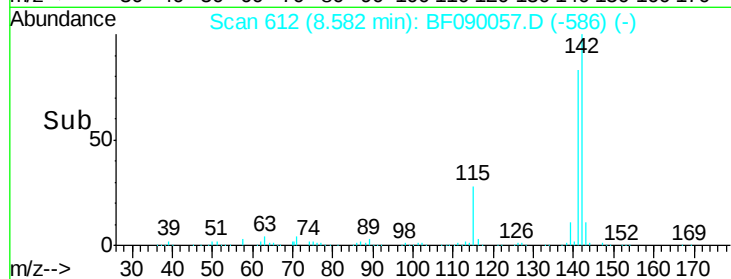
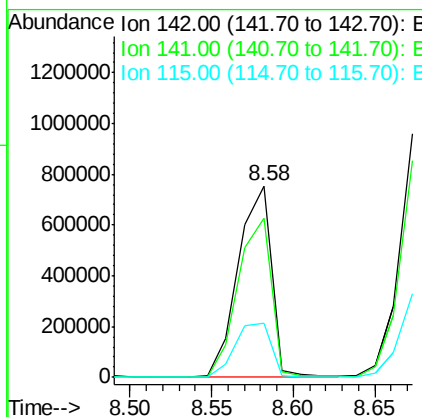
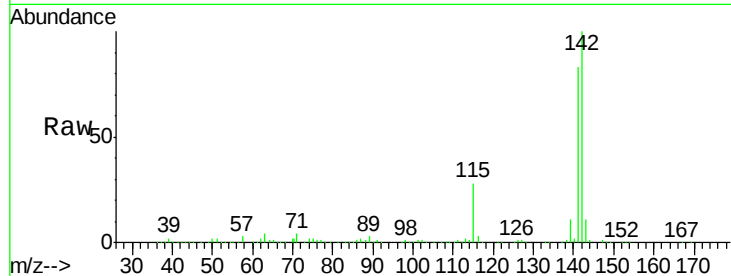




#37
2-Methylnaphthalene
Concen: 41.45 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

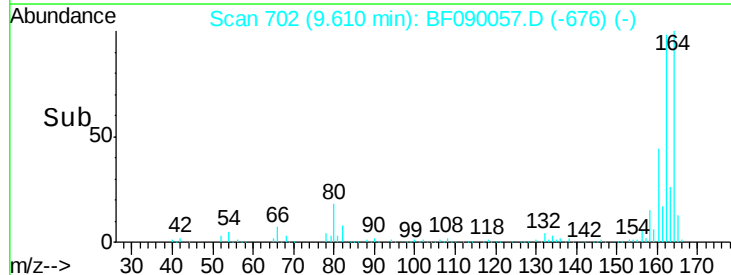
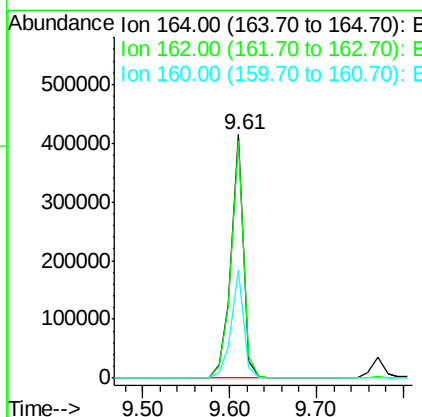
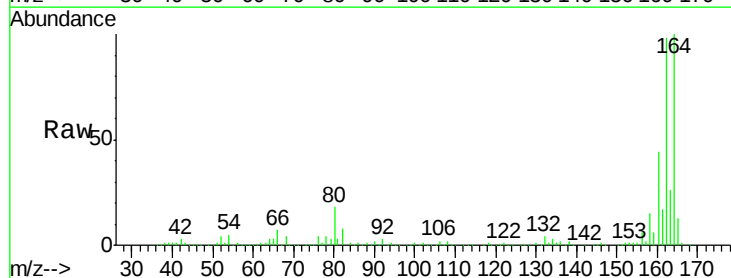
Instrument :
BNA_F
ClientSampleId :

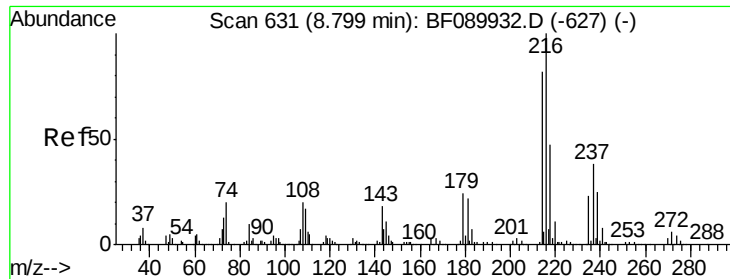
Tot Ion:142 Resp: 1071373
Ion Ratio Lower Upper
142 100
141 83.4 68.3 102.5
115 28.2 23.8 35.8



#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

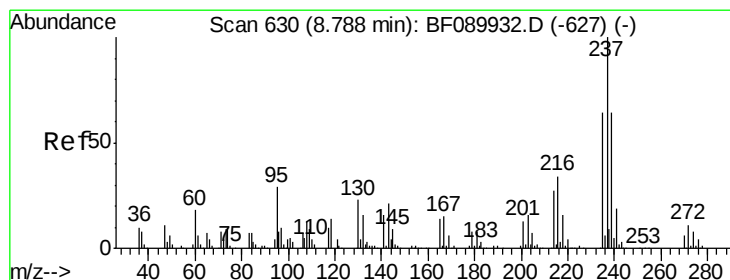
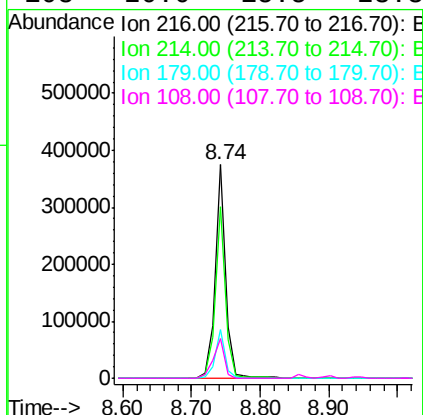
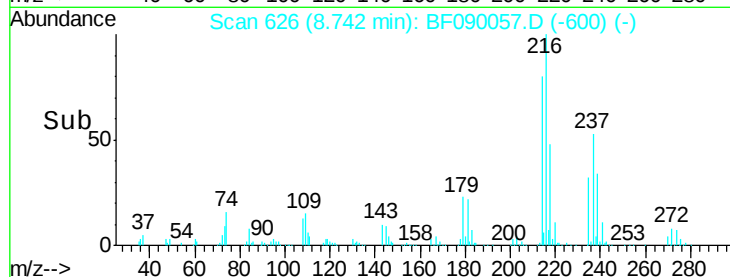
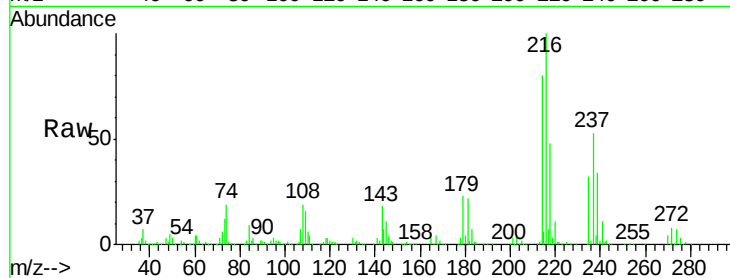




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.52 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

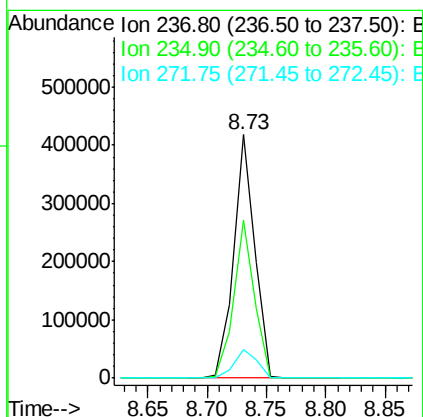
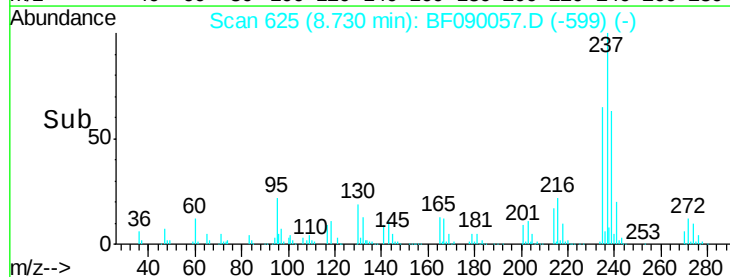
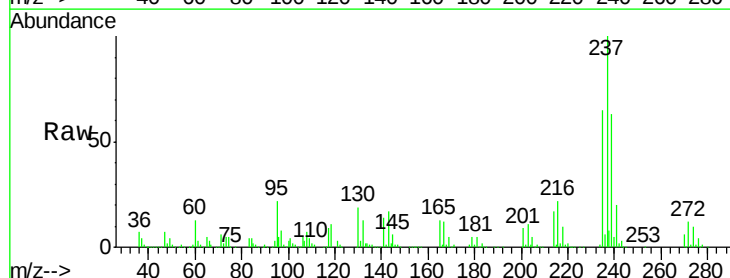
Instrument :
 BNA_F
 ClientSampleId :

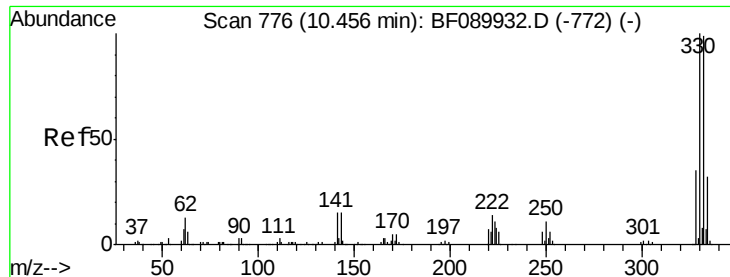
Tot Ion:216	Resp:	405089
Ion	Ratio	Lower Upper
216	100	
214	78.7	63.4 95.2
179	21.2	17.3 25.9
108	20.0	15.5 23.3



#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

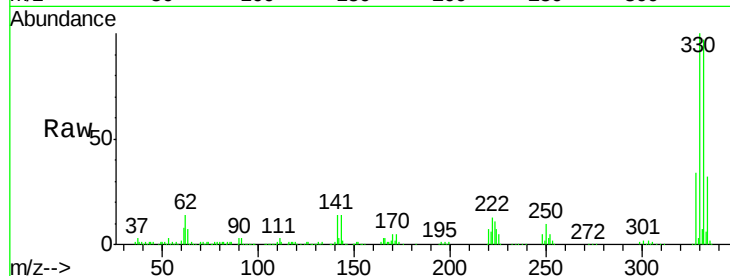




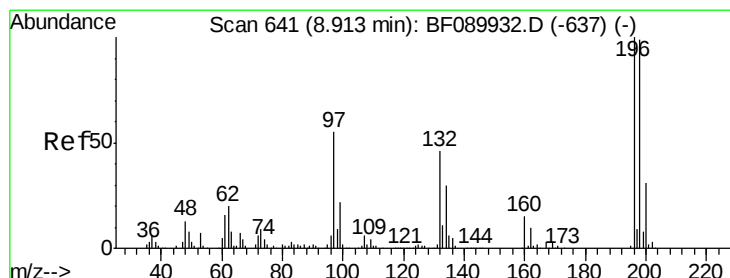
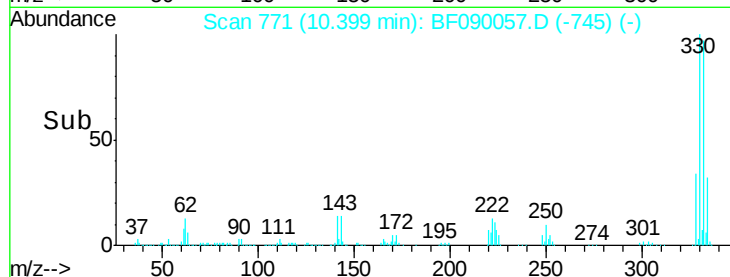
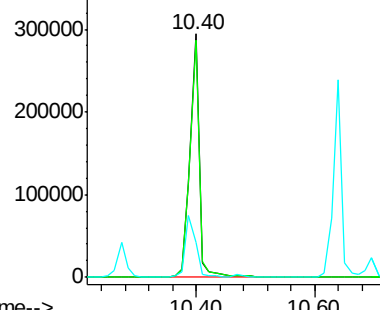
#41
 2,4,6-Tribromophenol
 Concen: 78.69 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.6	117.8
141	27.8	23.3	34.9

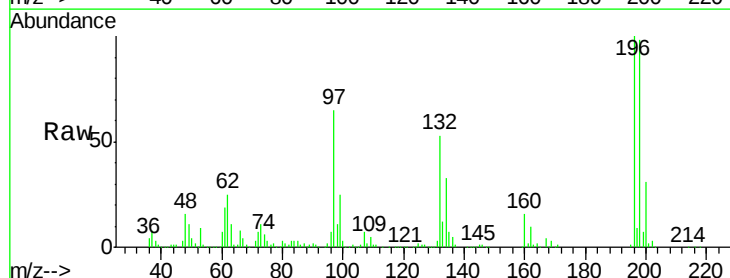


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

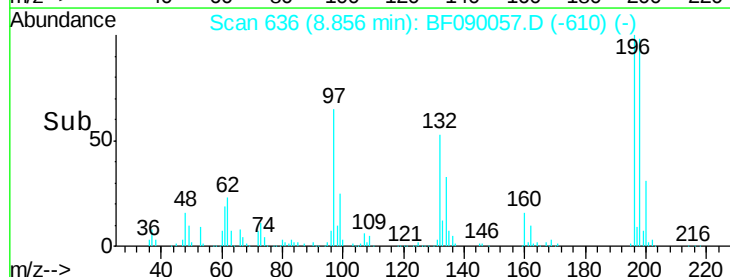
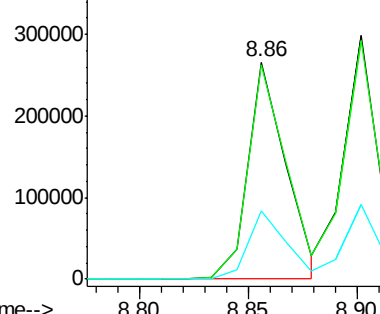


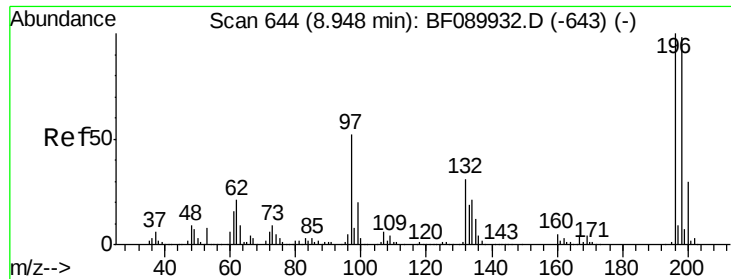
#42
 2,4,6-Trichlorophenol
 Concen: 38.91 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion	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

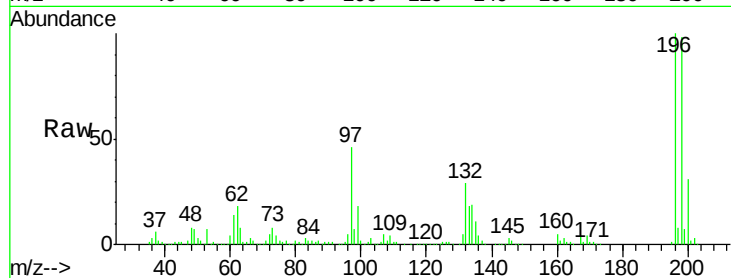




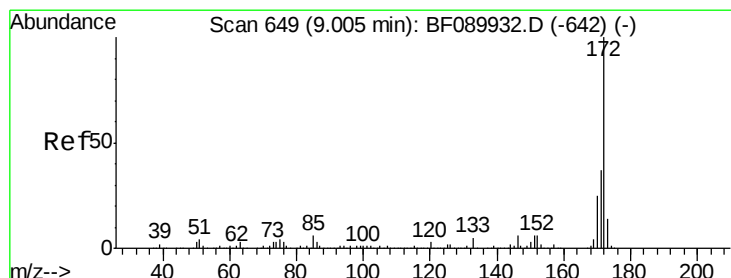
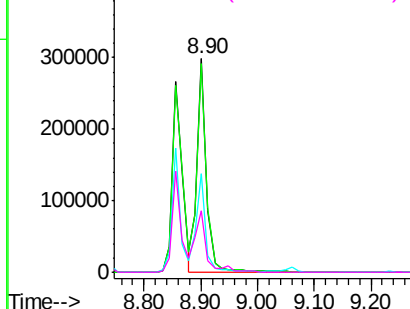
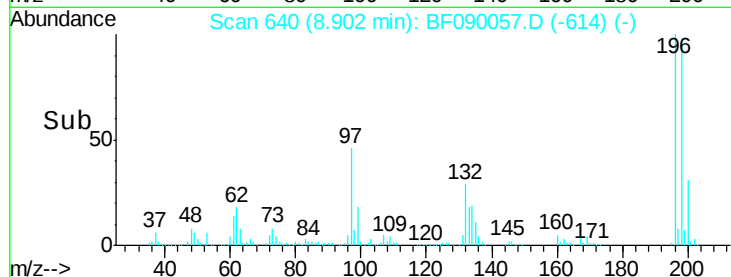
#43
 2,4,5-Trichlorophenol
 Concen: 43.20 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

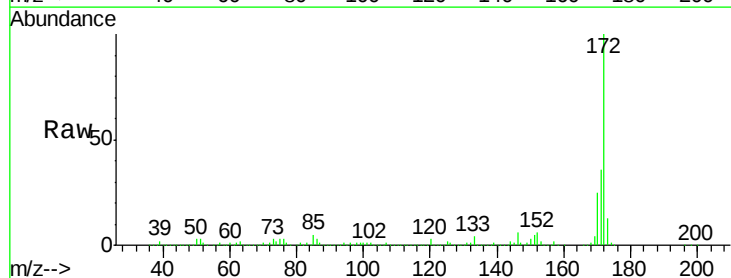


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

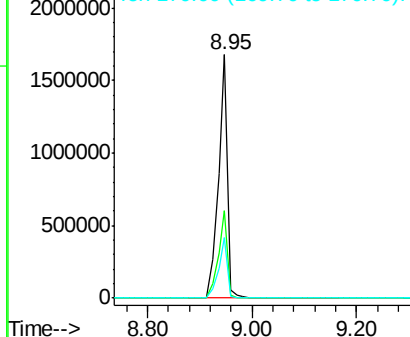
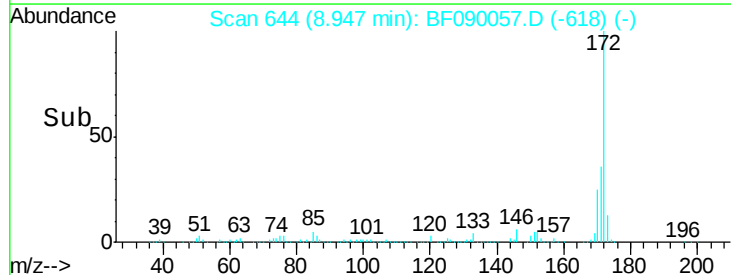


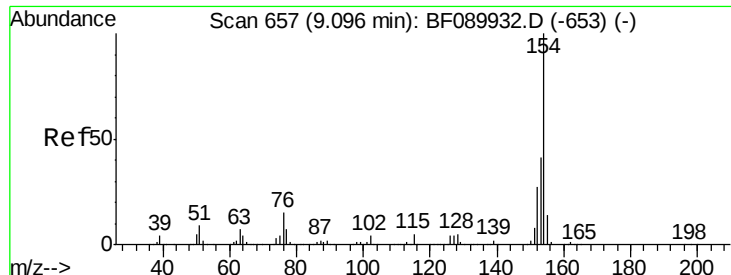
#44
 2-Fluorobiphenyl
 Concen: 79.90 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Tgt Ion	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

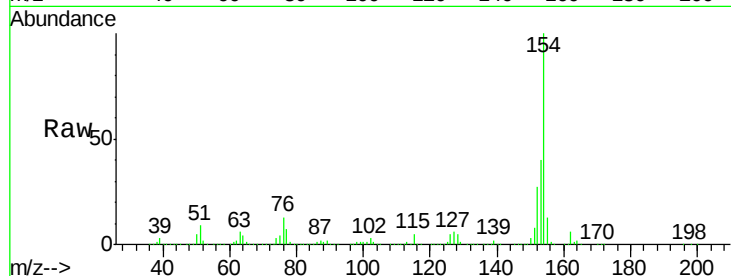




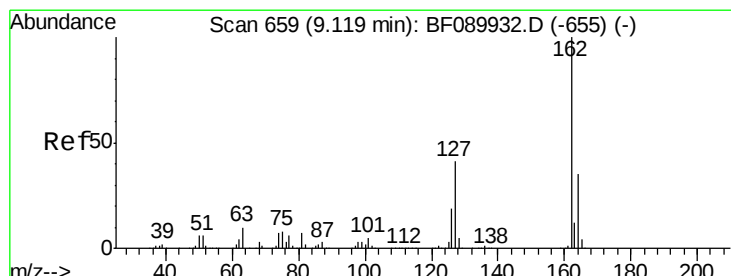
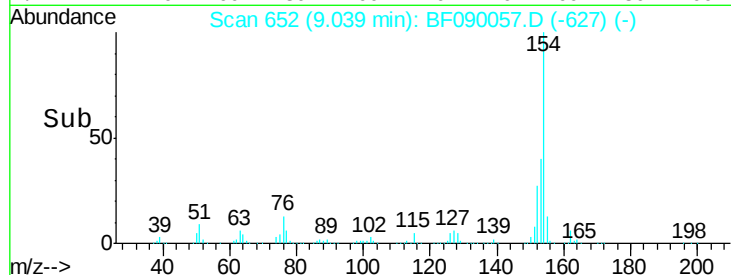
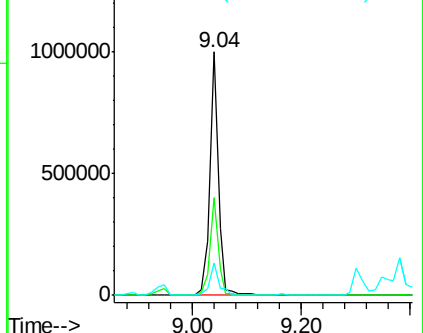
#45
 1,1'-Biphenyl
 Concen: 33.02 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

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

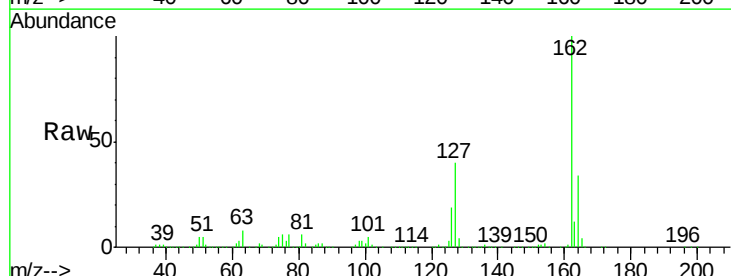


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

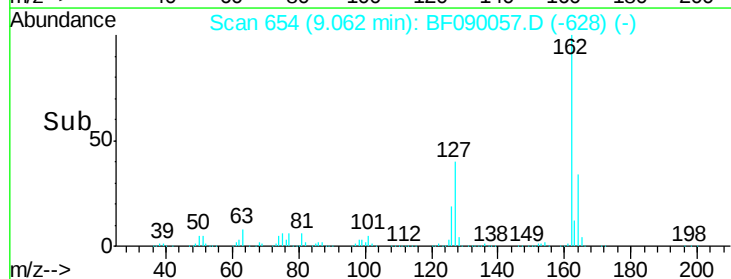
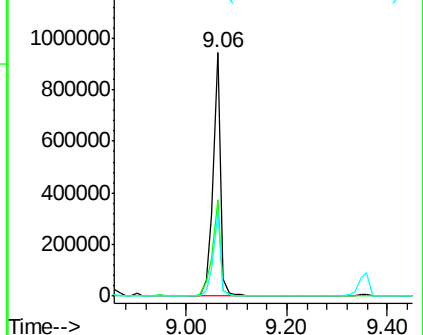


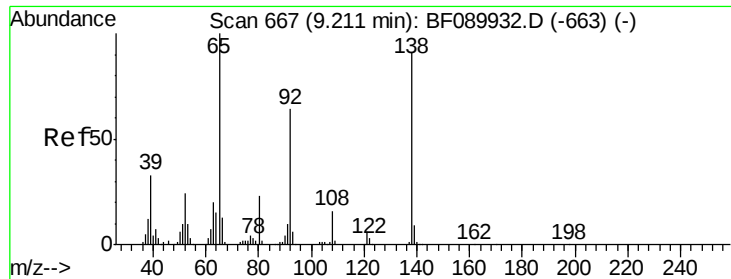
#46
 2-Chloronaphthalene
 Concen: 41.98 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

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 :

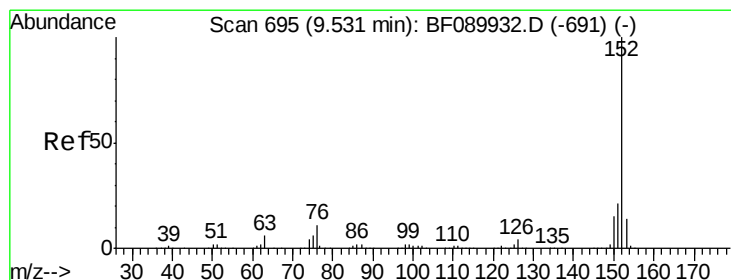
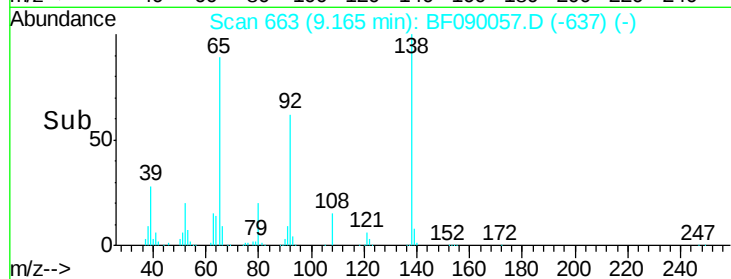
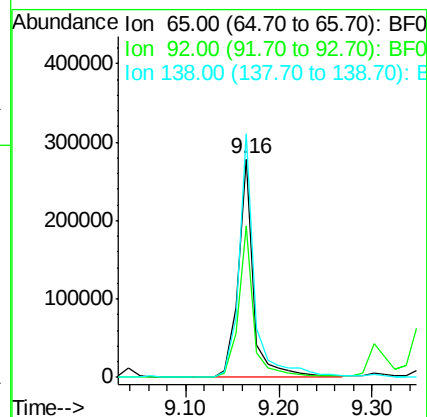
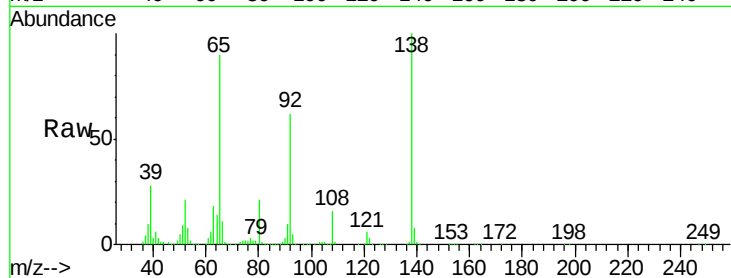
Tot Ion: 65 Resp: 324735

Ion Ratio Lower Upper

65 100

92 69.2 52.0 78.0

138 111.7 72.1 108.1#



#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

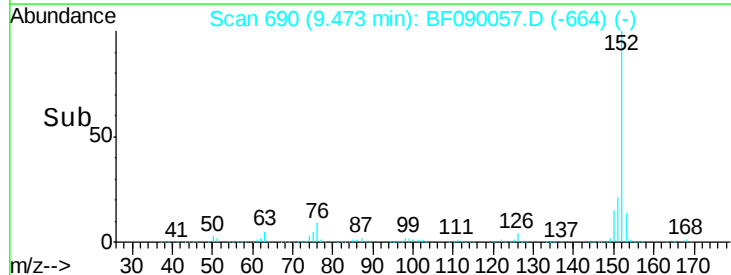
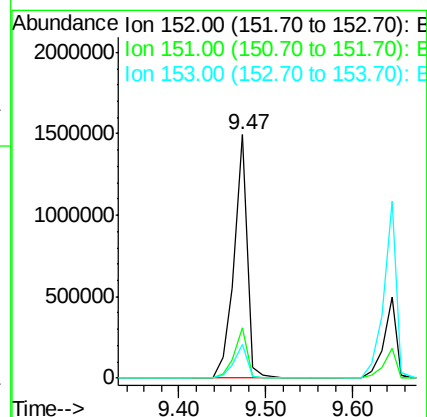
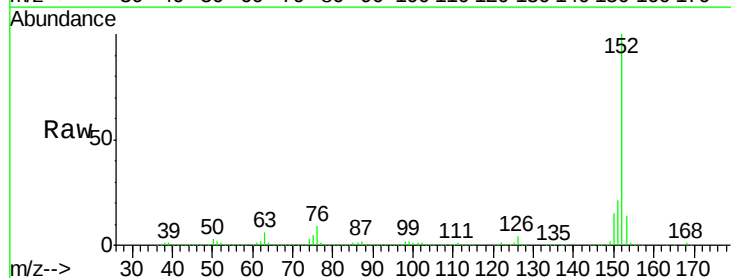
Tgt Ion: 152 Resp: 1562734

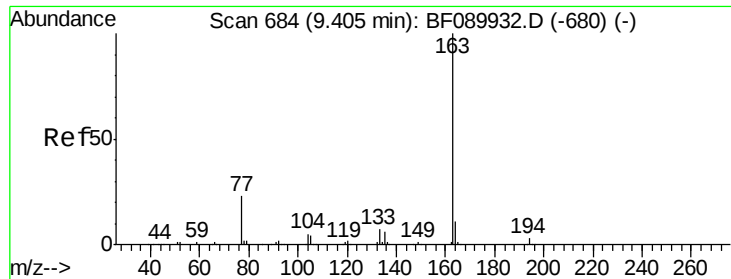
Ion Ratio Lower Upper

152 100

151 20.7 16.7 25.1

153 14.1 11.6 17.4





#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 :

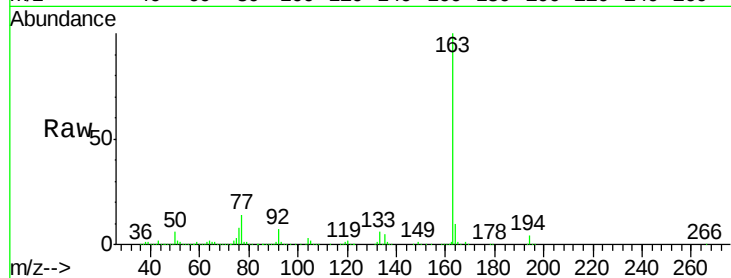
Tot Ion:163 Resp: 1174384

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

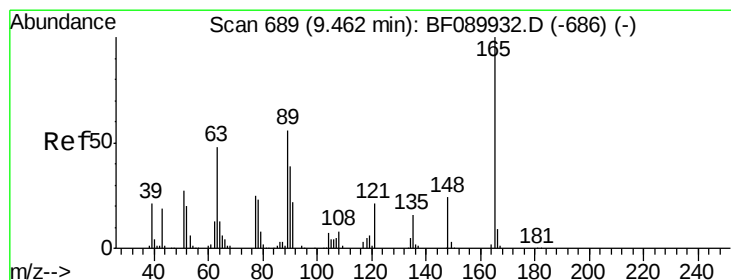
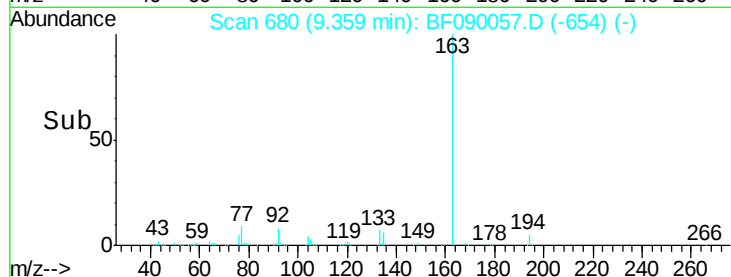
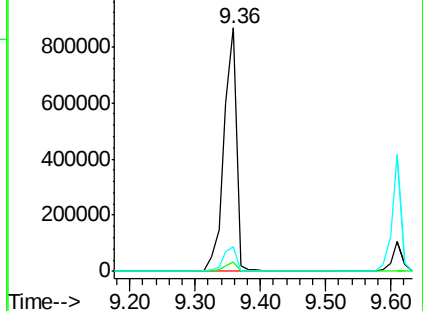
164 10.3 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 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

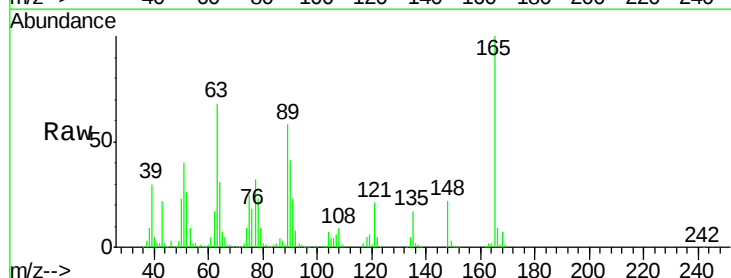
Tgt Ion:165 Resp: 265141

Ion Ratio Lower Upper

165 100

63 67.6 45.0 67.4#

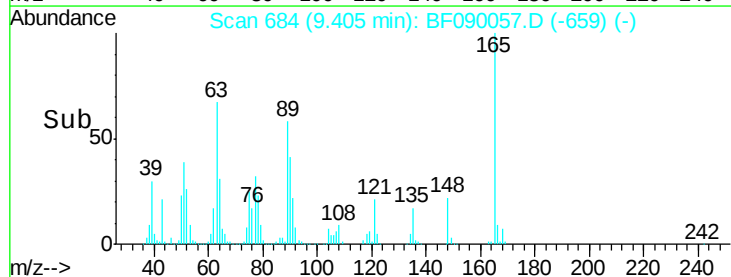
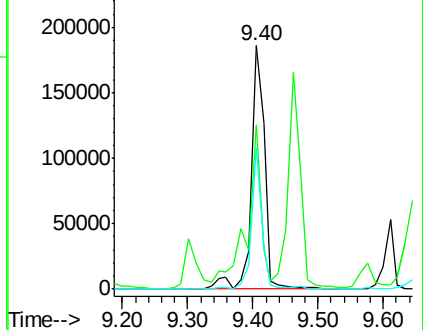
89 58.1 41.5 62.3

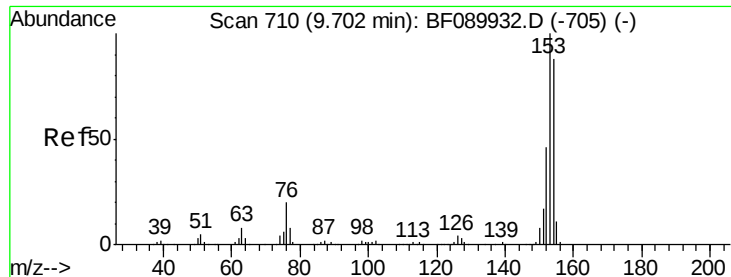


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 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

ClientSampled :

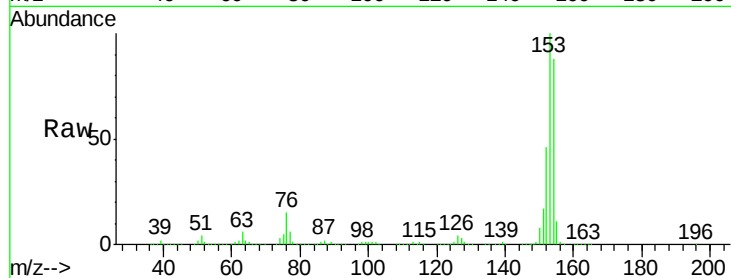
Tot Ion:154 Resp: 971525

Ion Ratio Lower Upper

154 100

153 113.7 90.6 135.8

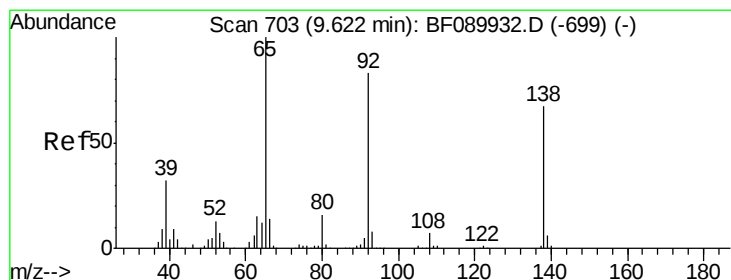
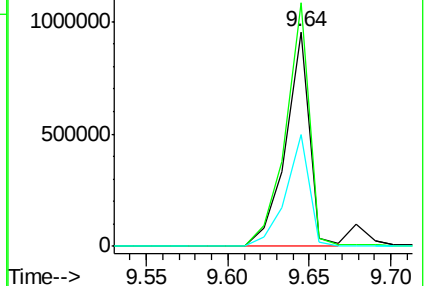
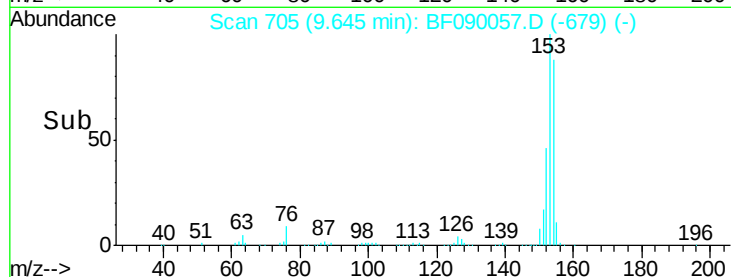
152 52.2 42.4 63.6



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

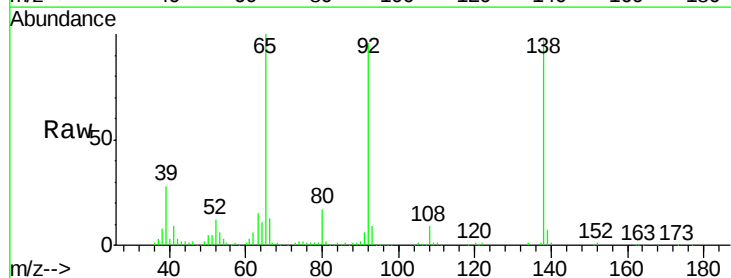
Tgt Ion:138 Resp: 174811

Ion Ratio Lower Upper

138 100

108 9.0 8.3 12.5

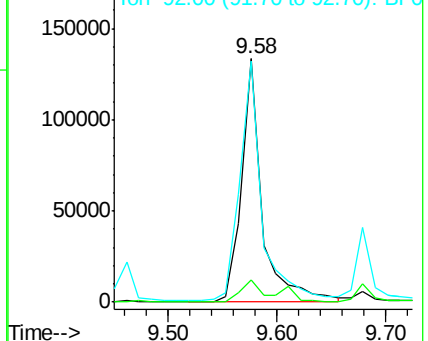
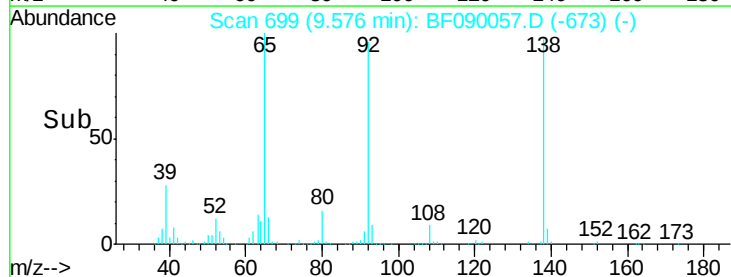
92 99.2 99.1 148.7

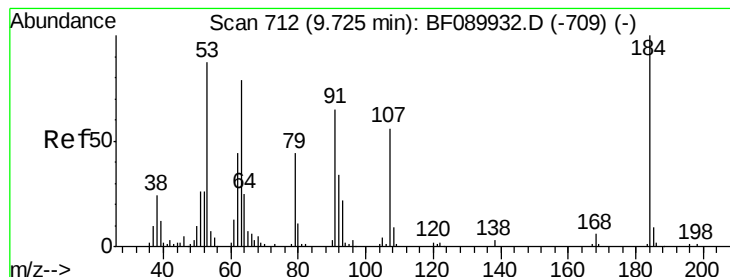


Abundance Ion 138.00 (137.70 to 138.70): E

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

ClientSampled :

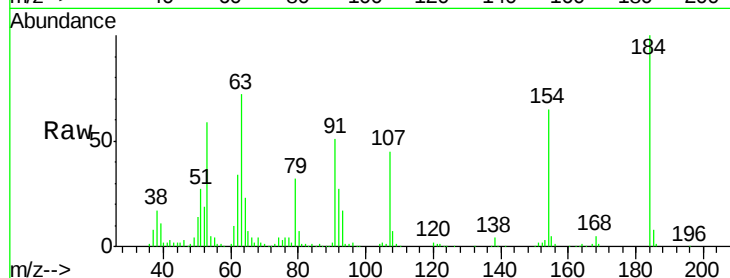
Tot Ion:184 Resp: 171431

Ion Ratio Lower Upper

184 100

63 72.3 73.9 110.9#

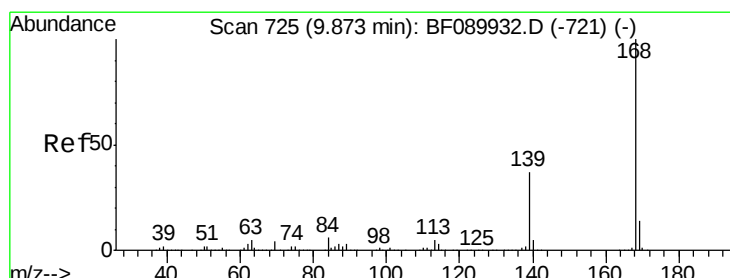
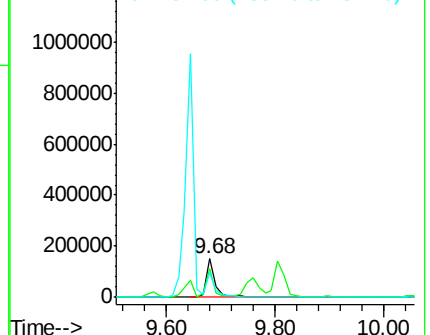
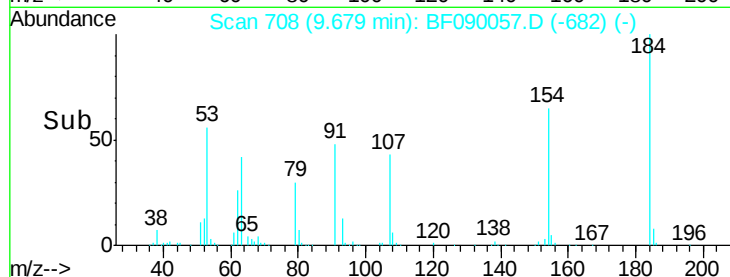
154 65.5 53.5 80.3



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

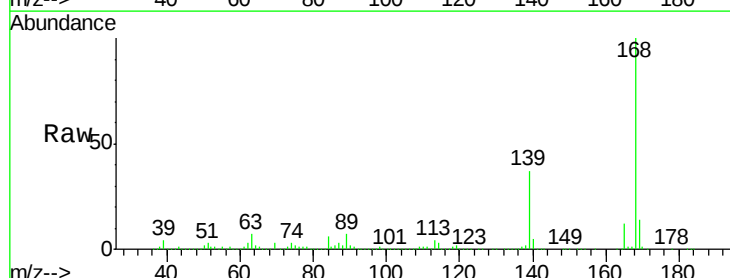
Tgt Ion:168 Resp: 1361748

Ion Ratio Lower Upper

168 100

139 36.9 29.5 44.3

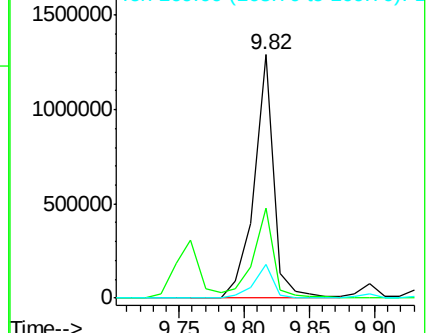
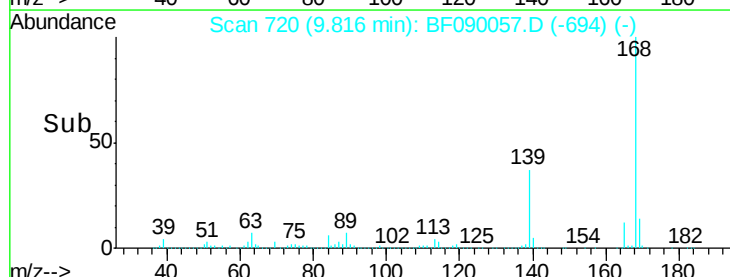
169 13.8 10.8 16.2

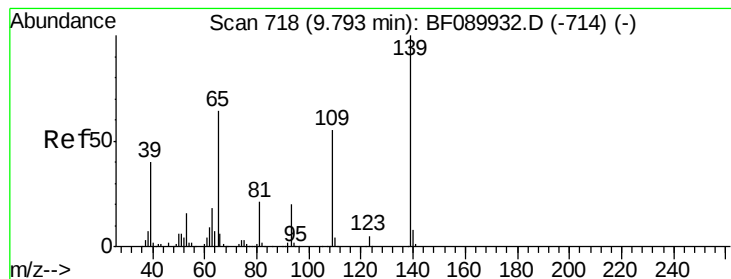


Abundance Ion 168.00 (167.70 to 168.70): E

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 :

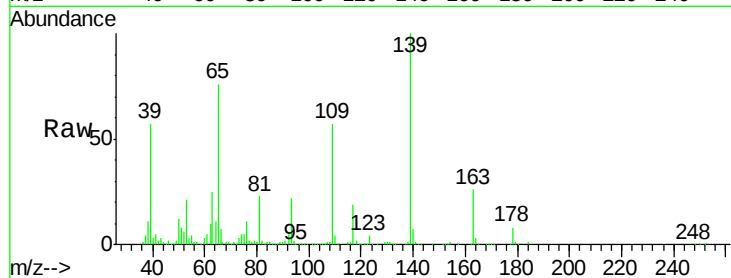
Tot Ion:139 Resp: 406592

Ion Ratio Lower Upper

139 100

109 56.9 31.3 71.3

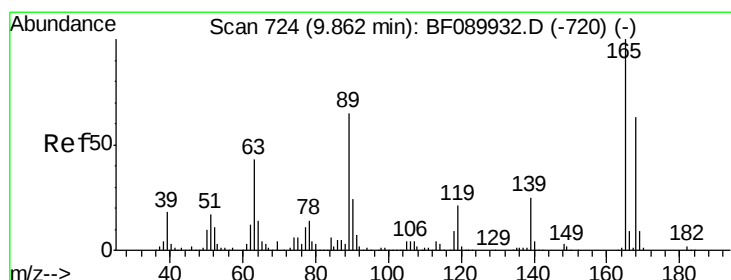
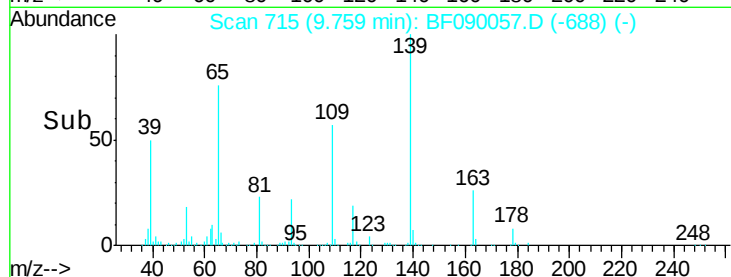
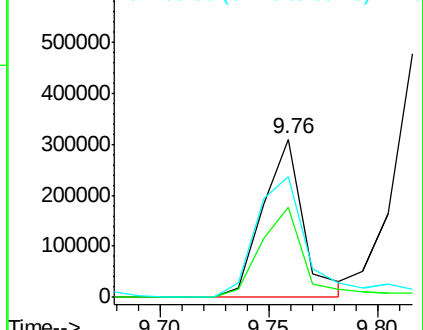
65 76.4 38.5 78.5



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

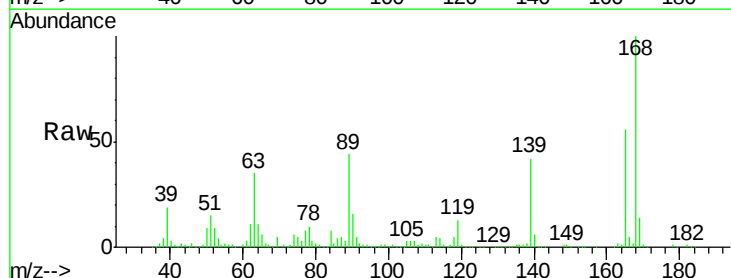
Ion Ratio Lower Upper

165 100

63 63.1 32.5 48.7#

89 78.8 48.3 72.5#

182 2.1 1.7 2.5

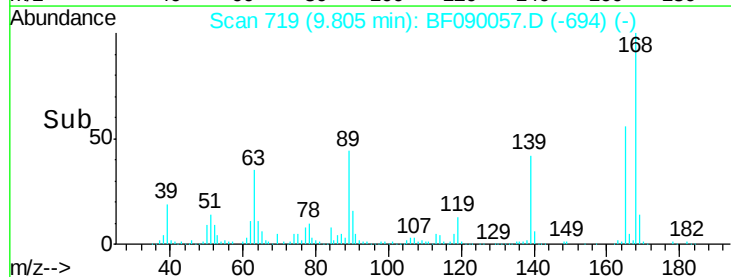
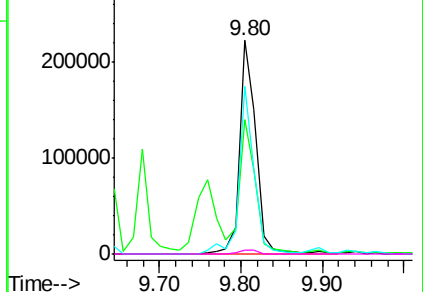


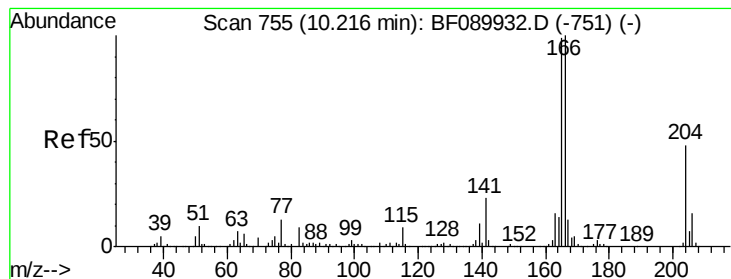
Abundance Ion 165.00 (164.70 to 165.70): E

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 :

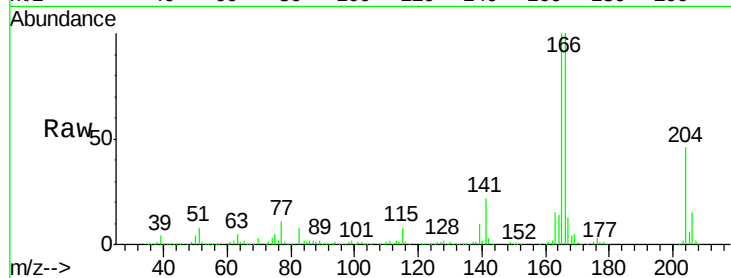
Tot Ion:166 Resp: 1054324

Ion Ratio Lower Upper

166 100

165 100.0 78.6 118.0

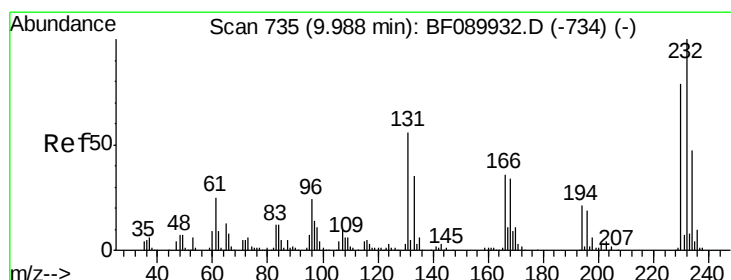
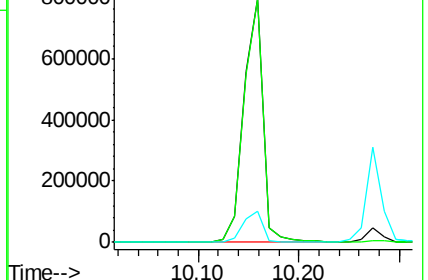
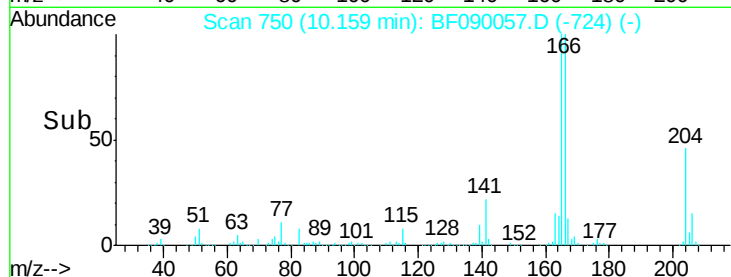
167 13.0 10.6 15.8



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

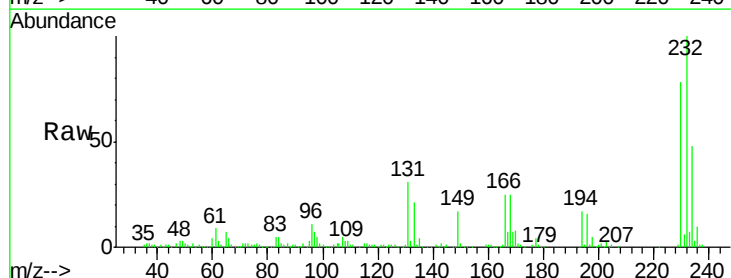
Ion Ratio Lower Upper

232 100

131 39.9 36.3 54.5

130 1.8 1.7 2.5

166 28.3 24.4 36.6

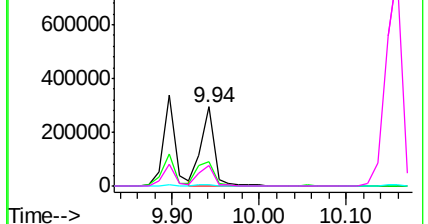
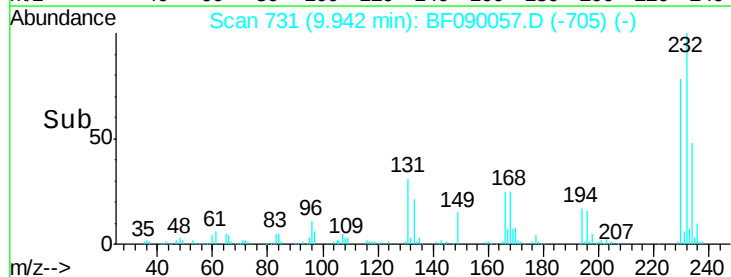


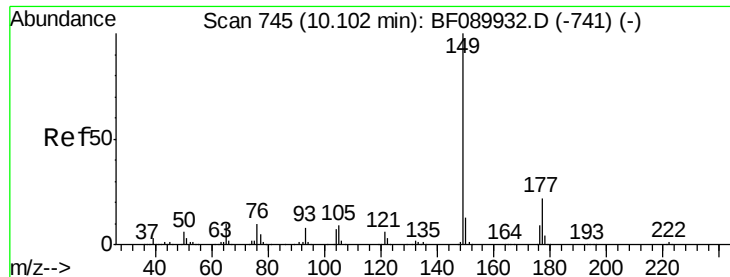
Abundance Ion 232.00 (231.70 to 232.70): E

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

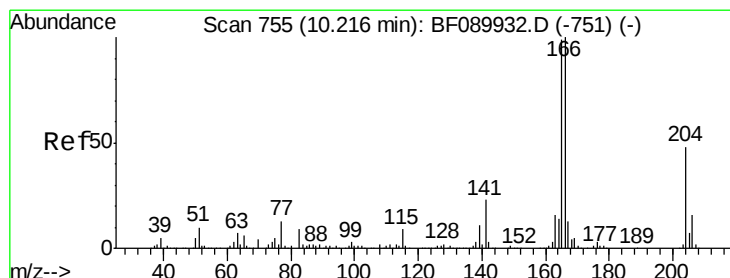
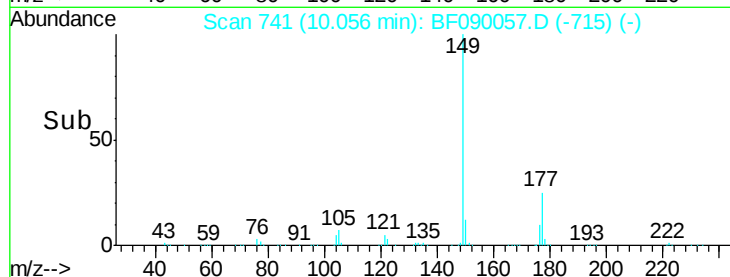
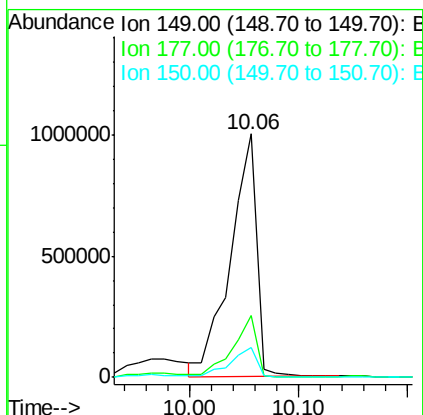
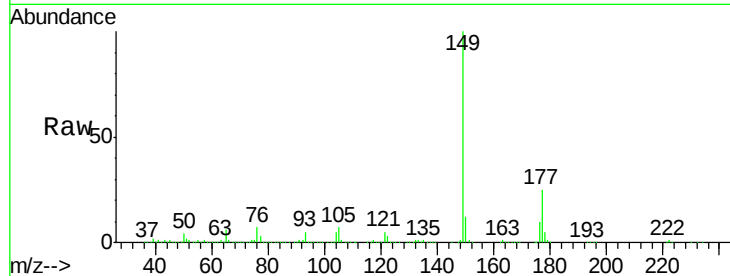




#59
Diethylphthalate
Concen: 59.09 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

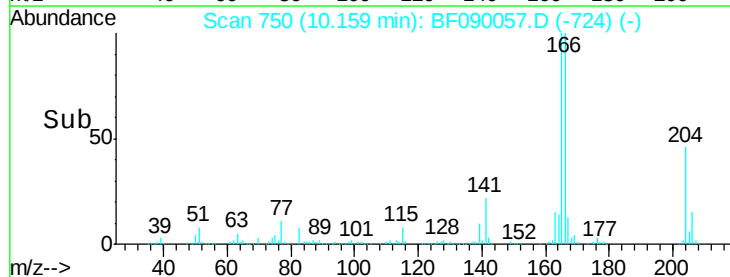
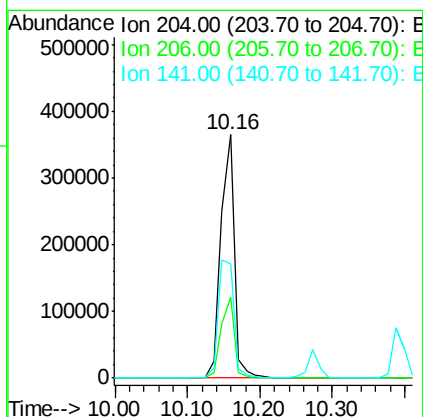
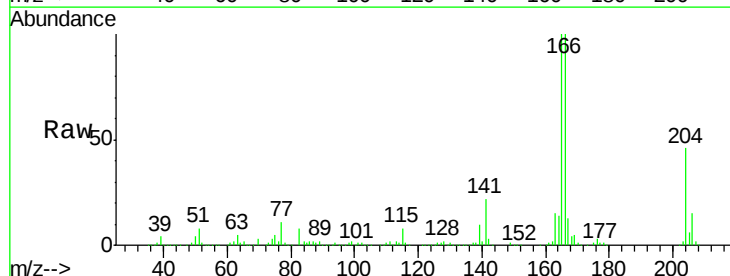
Instrument :
BNA_F
ClientSampleId :

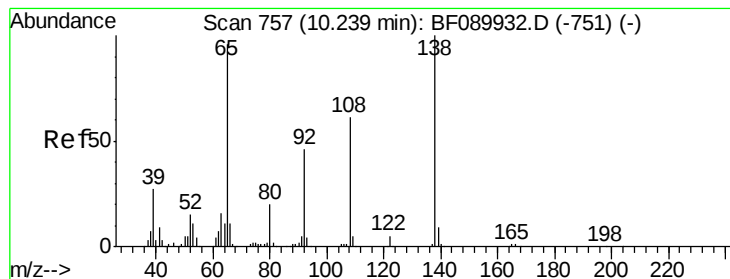
Tot Ion:149 Resp: 1657336
Ion Ratio Lower Upper
149 100
177 25.5 17.7 26.5
150 12.5 10.2 15.2



#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





#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 :

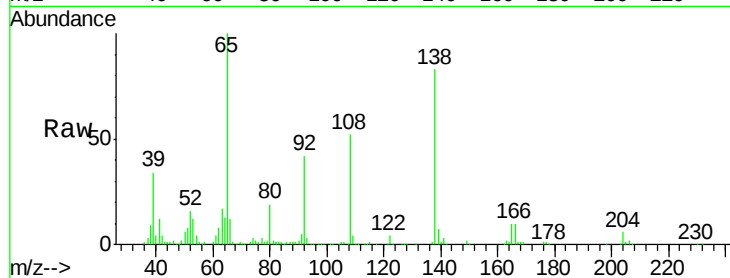
Tot Ion:138 Resp: 276259

Ion Ratio Lower Upper

138 100

92 50.1 21.2 61.2

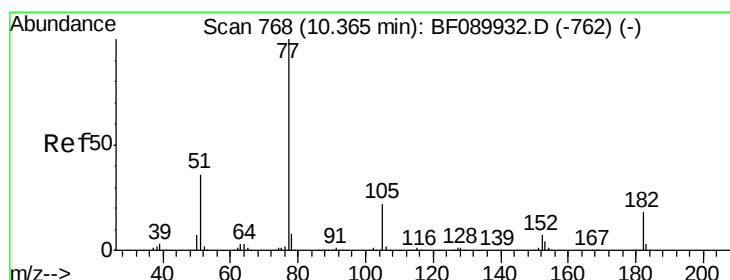
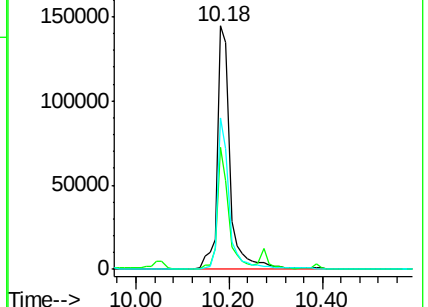
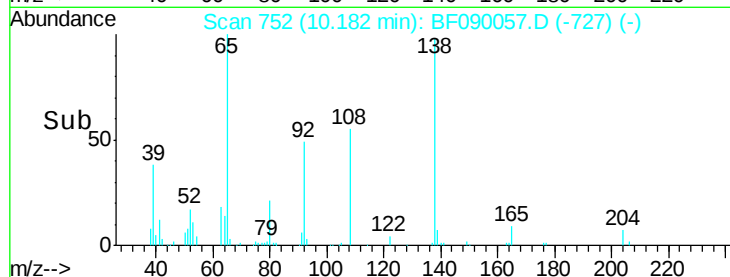
108 62.1 37.7 77.7



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

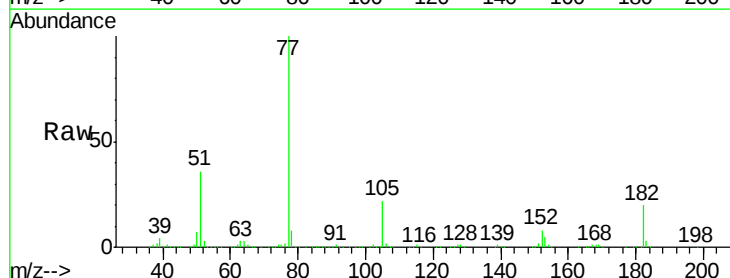
Ion Ratio Lower Upper

77 100

182 20.0 0.0 38.6

105 22.2 2.3 42.3

51 36.0 15.1 55.1

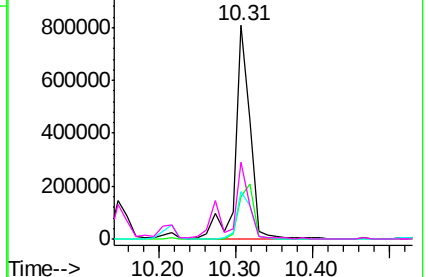
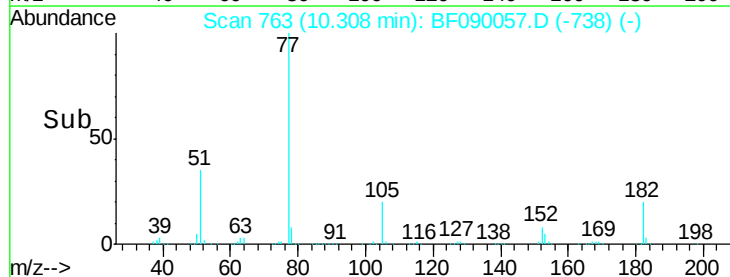


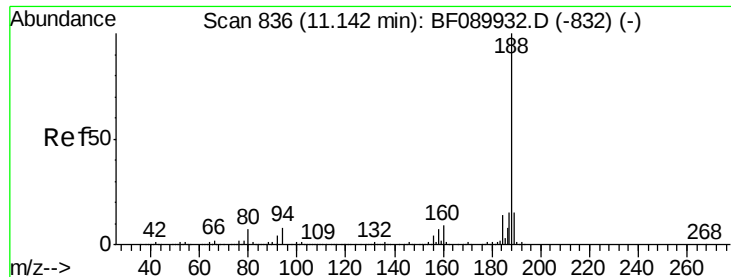
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

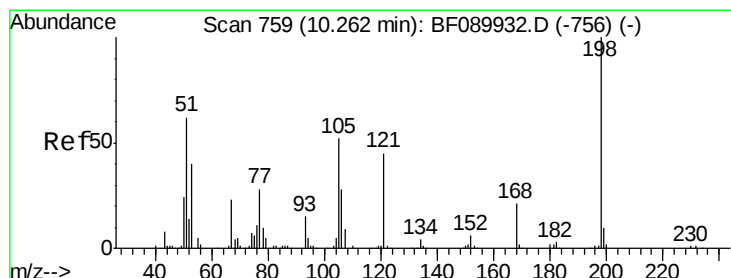
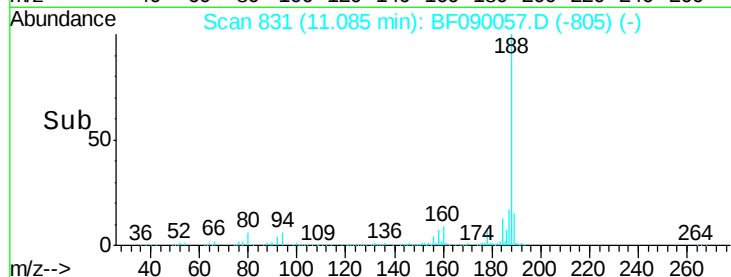
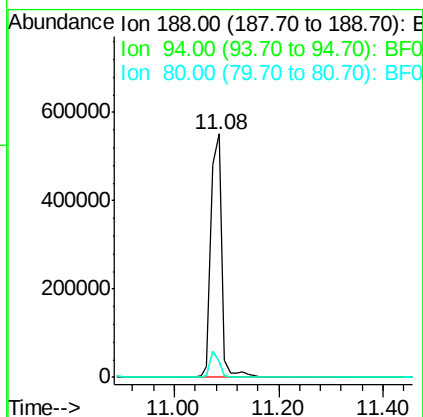
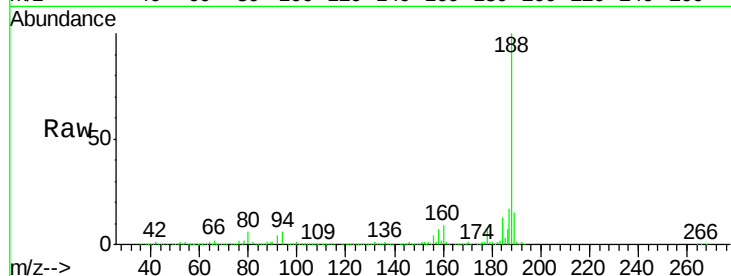




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

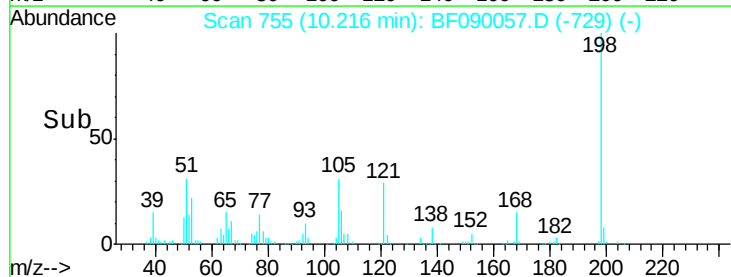
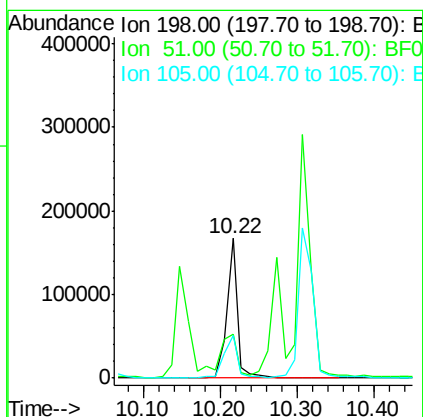
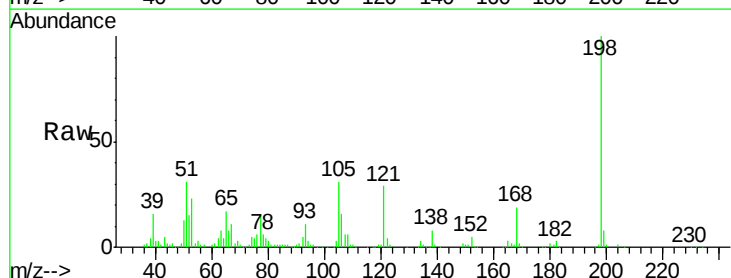
Instrument :
BNA_F
ClientSampleId :

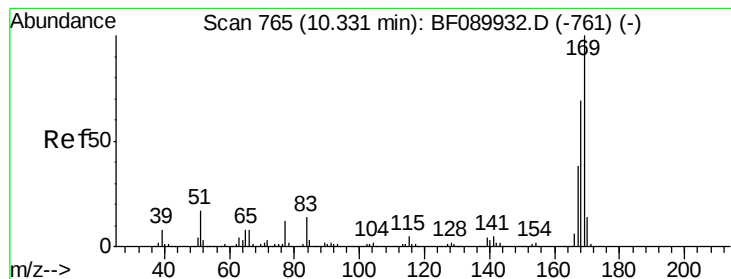
Tot Ion:188 Resp: 792314
Ion Ratio Lower Upper
188 100
94 6.3 5.9 8.9
80 6.2 5.8 8.8



#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

ClientSampled :

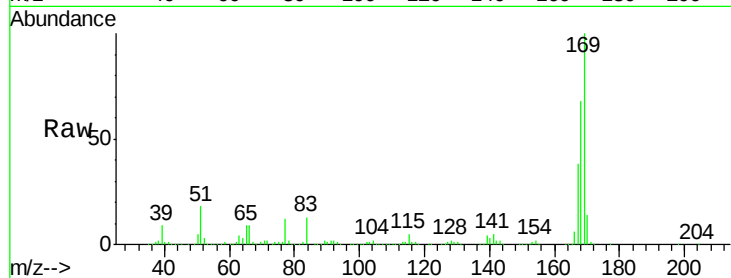
Tot Ion:169 Resp: 875730

Ion Ratio Lower Upper

169 100

168 68.0 55.0 82.4

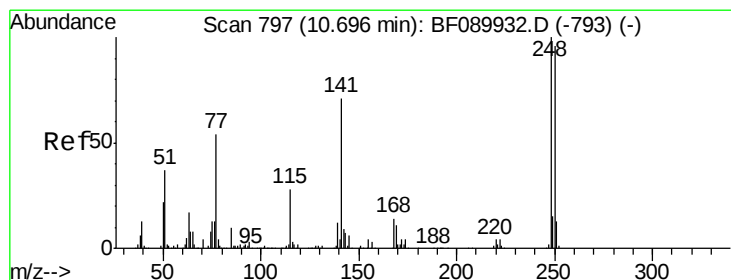
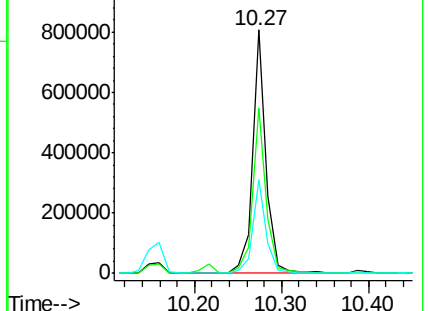
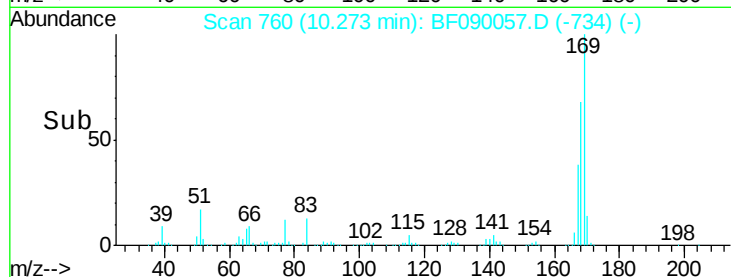
167 38.4 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 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

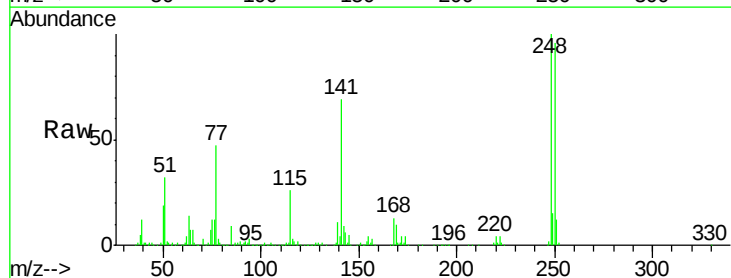
Tgt Ion:248 Resp: 336547

Ion Ratio Lower Upper

248 100

250 96.1 77.3 115.9

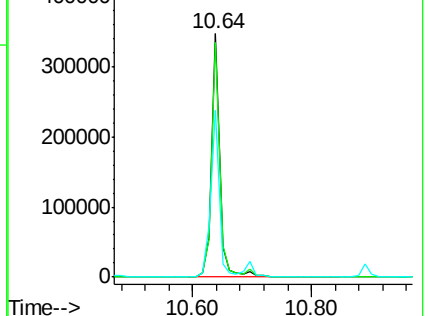
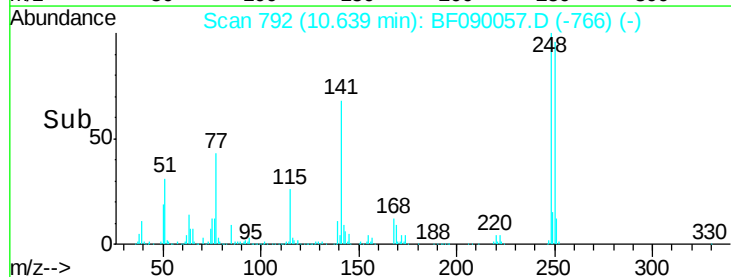
141 68.7 55.8 83.8

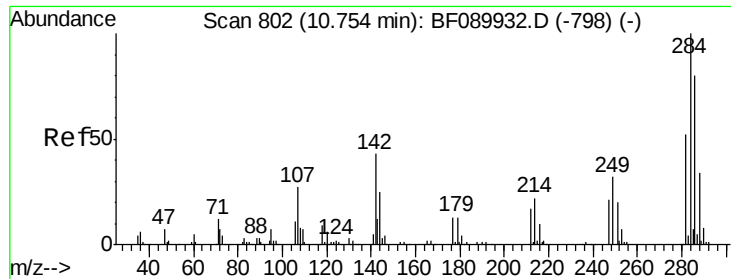


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

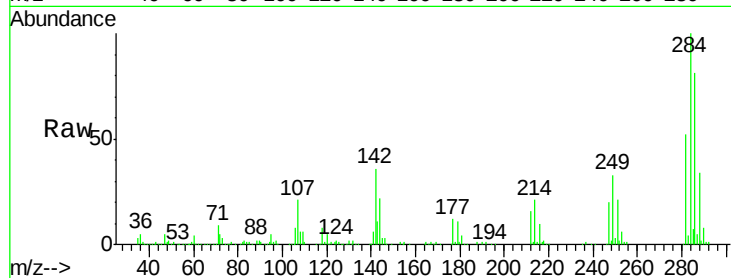




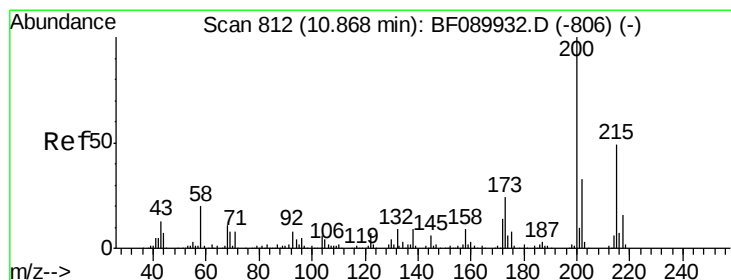
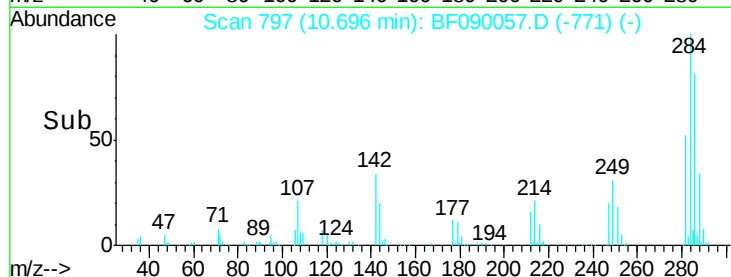
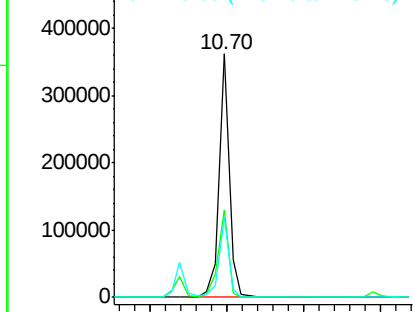
#67
Hexachlorobenzene
Concen: 36.65 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

Instrument :
BNA_F
ClientSampled :

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

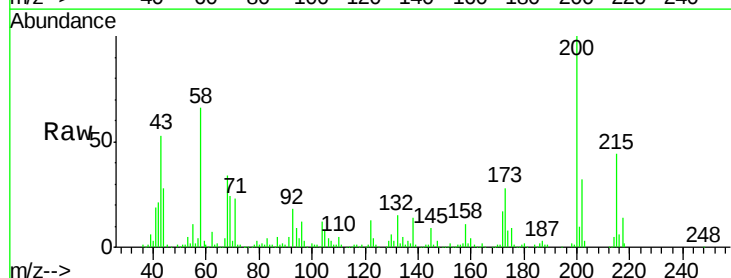


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

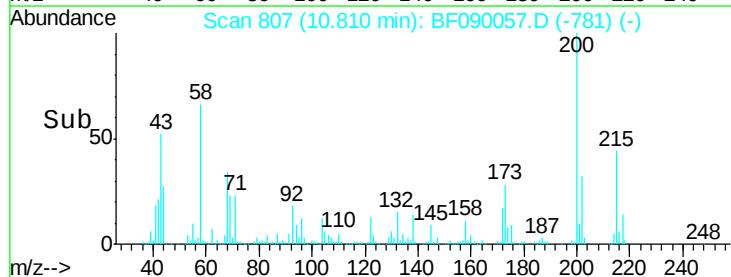
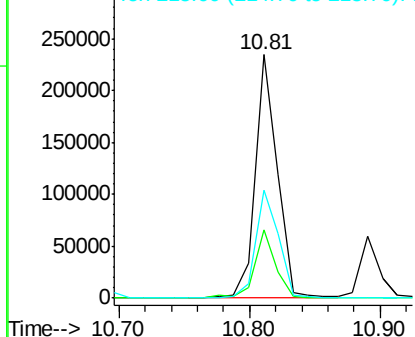


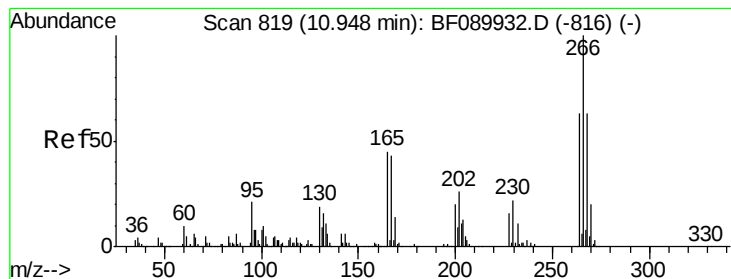
#68
Atrazine
Concen: 34.74 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

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 :

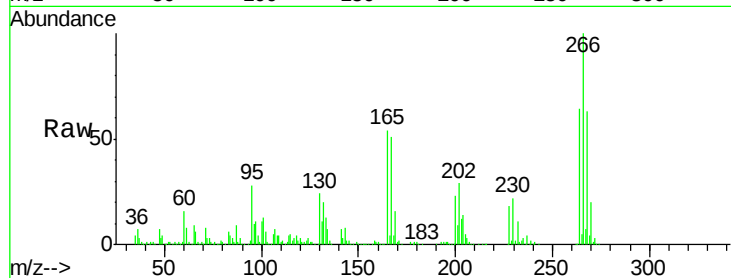
Tot Ion:266 Resp: 324538

Ion Ratio Lower Upper

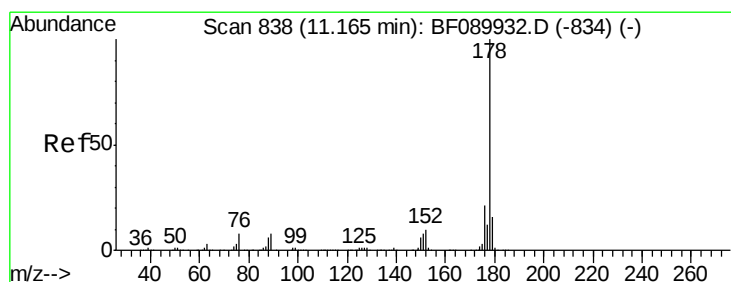
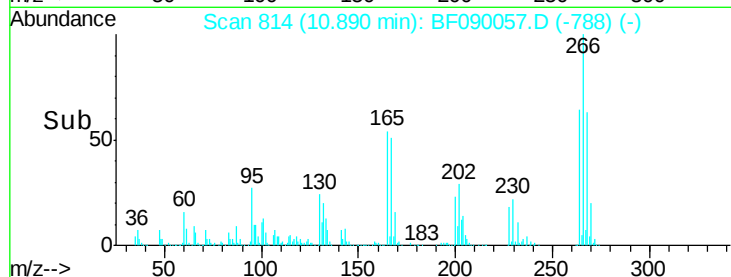
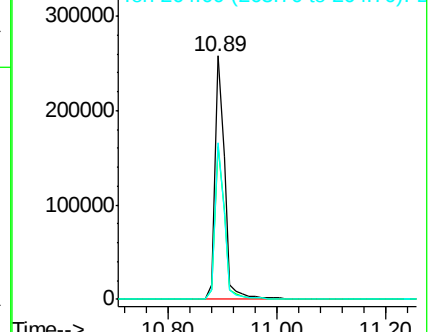
266 100

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

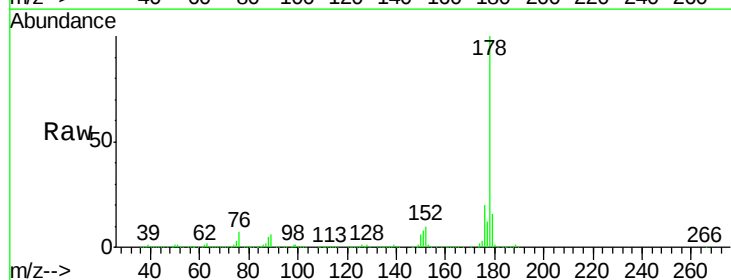
Tgt Ion:178 Resp: 1643597

Ion Ratio Lower Upper

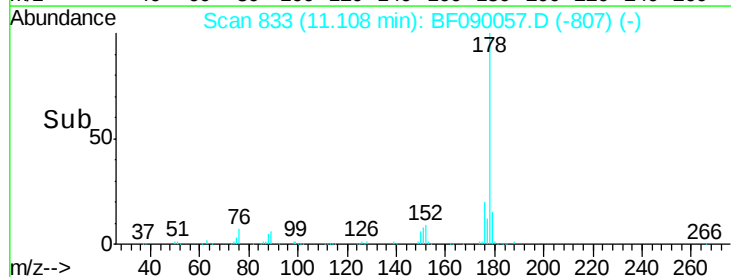
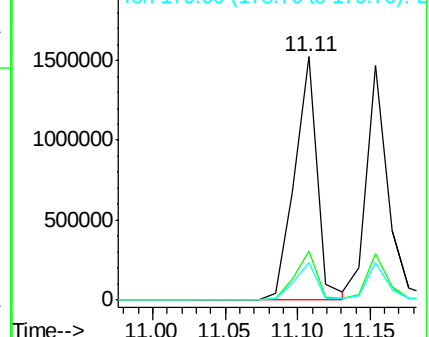
178 100

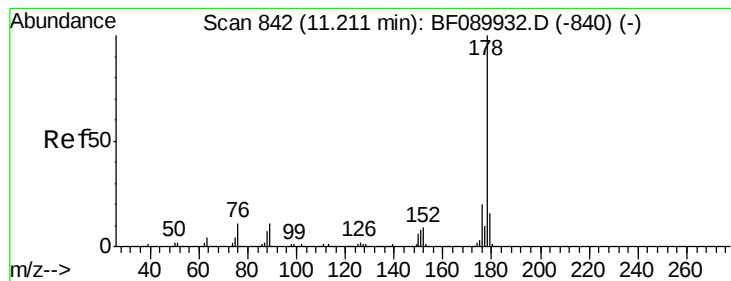
176 20.4 16.5 24.7

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 :

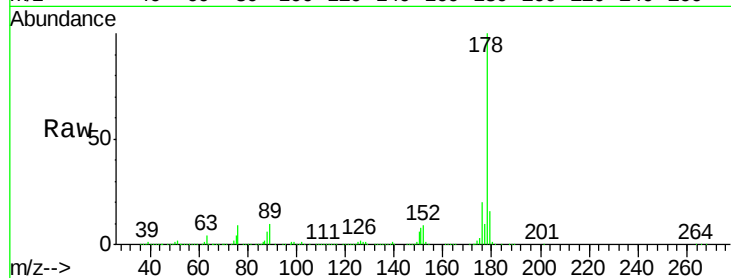
Tot Ion:178 Resp: 1580951

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

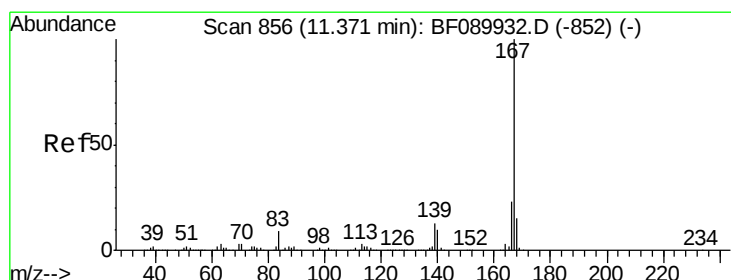
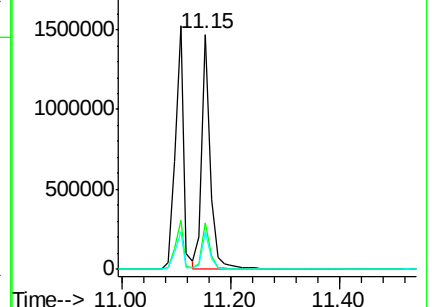
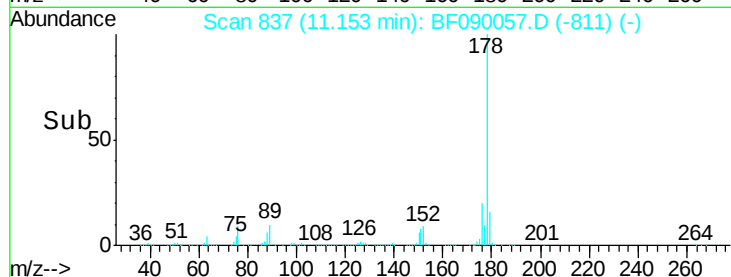
179 16.0 13.0 19.4



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

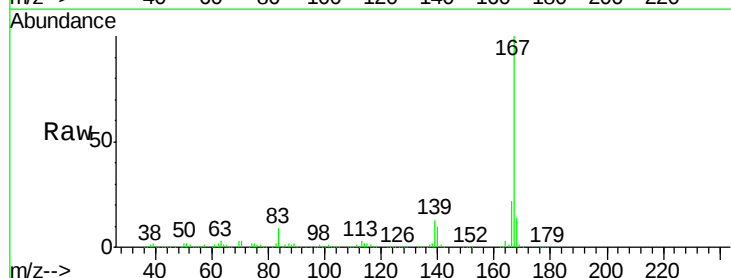
Tgt Ion:167 Resp: 1456939

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

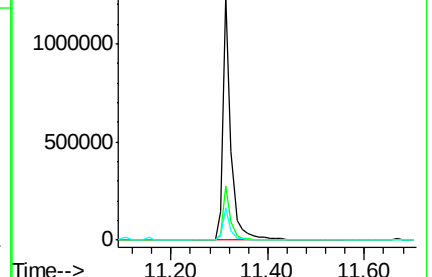
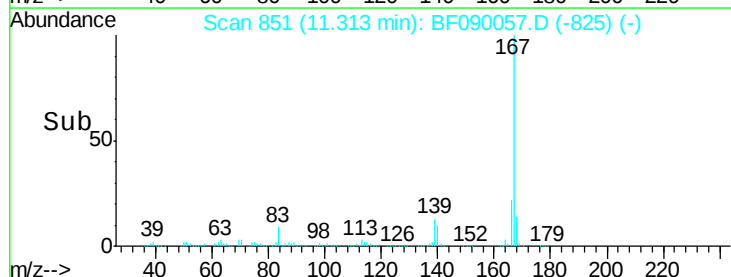
139 13.4 10.4 15.6

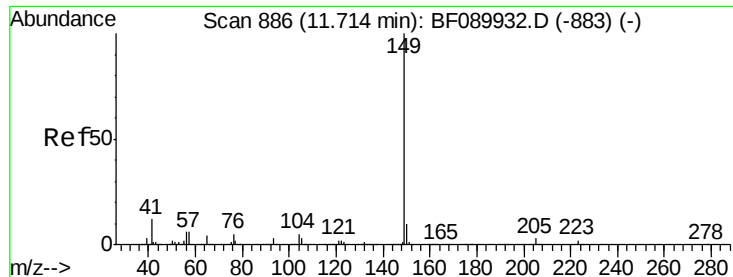


Abundance Ion 167.00 (166.70 to 167.70): E

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 :

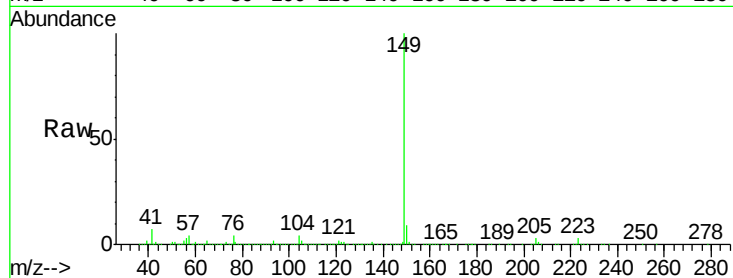
Tot Ion:149 Resp: 1776850

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

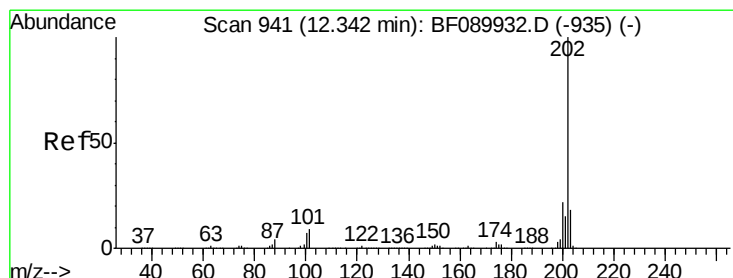
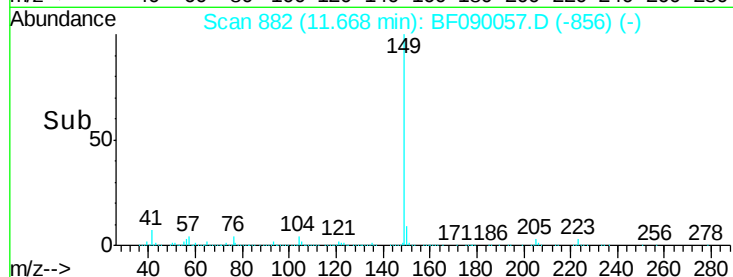
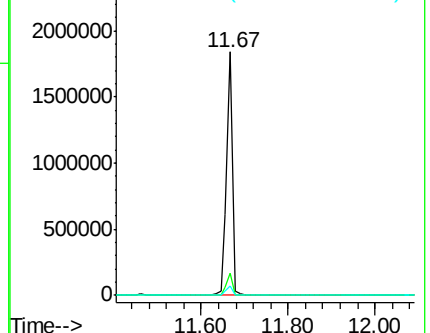
104 3.9 3.9 5.9#



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

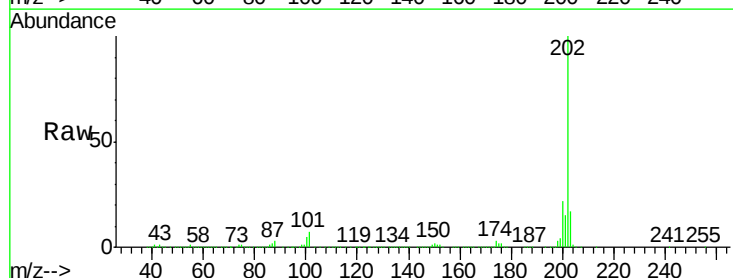
Tgt Ion:202 Resp: 1694131

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.5

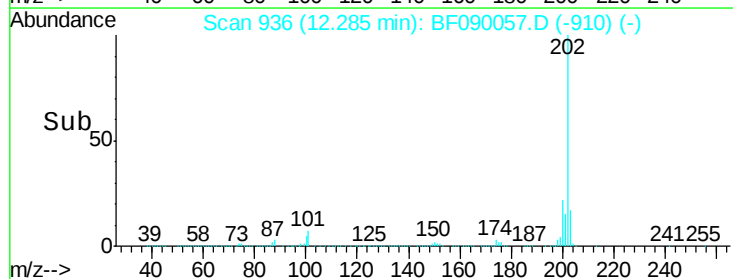
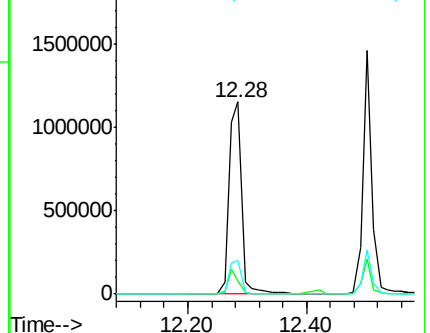
203 17.3 0.0 38.0

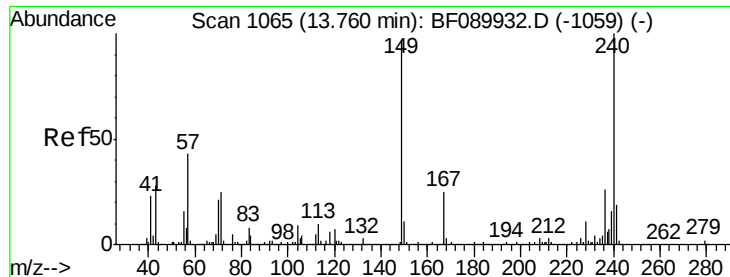


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

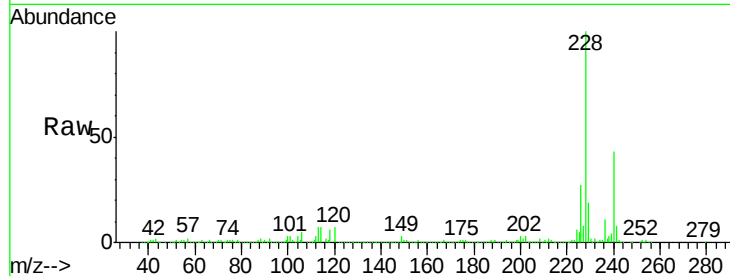
Tot Ion:240 Resp: 535844

Ion Ratio Lower Upper

240 100

120 15.7 5.7 8.5#

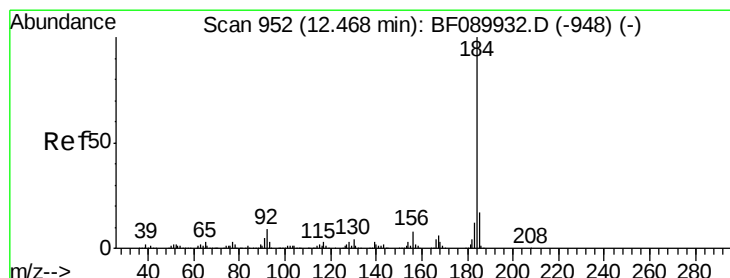
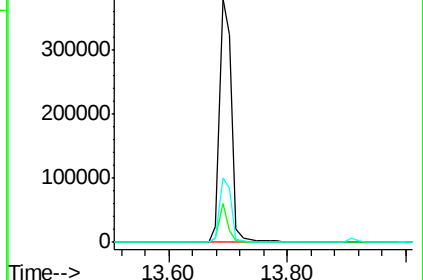
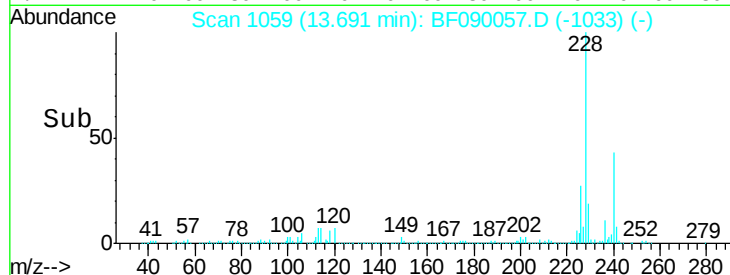
236 26.5 21.3 31.9



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

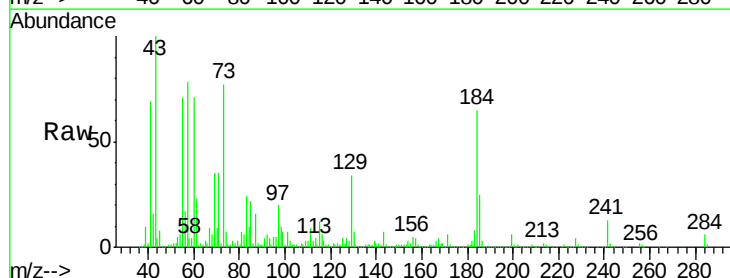
Tgt Ion:184 Resp: 352842

Ion Ratio Lower Upper

184 100

185 38.3 13.8 20.8#

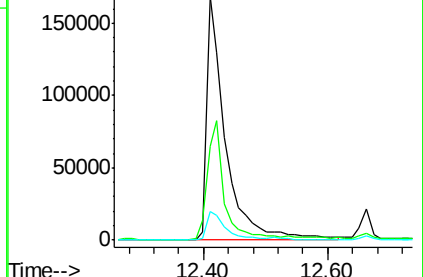
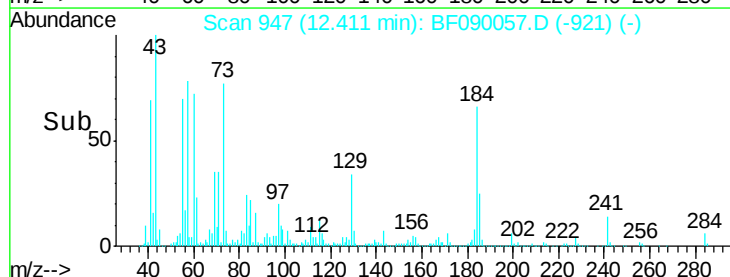
183 12.0 9.6 14.4

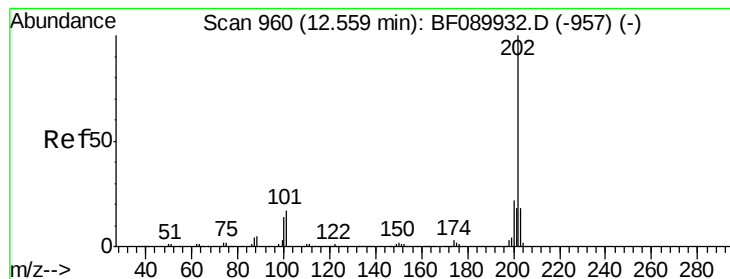


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

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 :

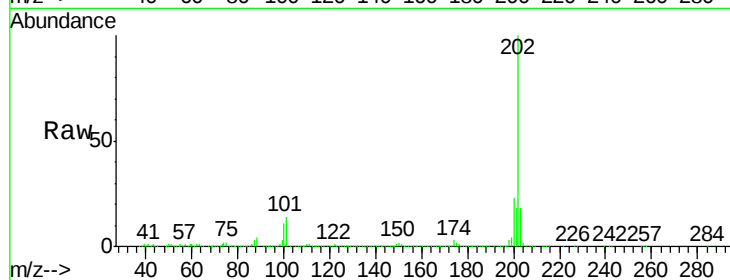
Tot Ion:202 Resp: 1541418

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

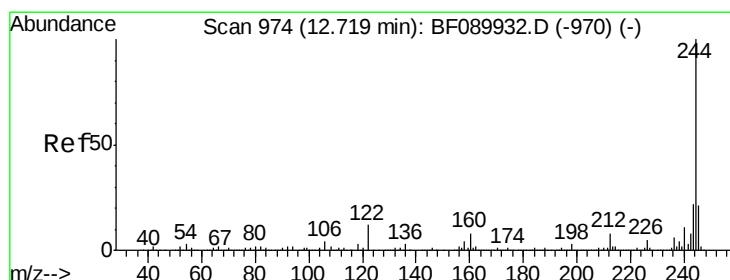
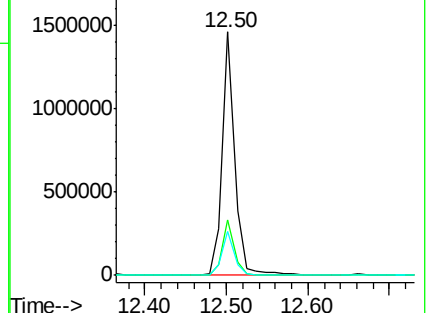
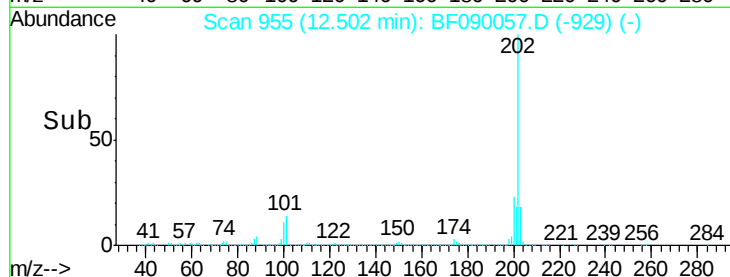
203 18.3 14.6 21.8



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

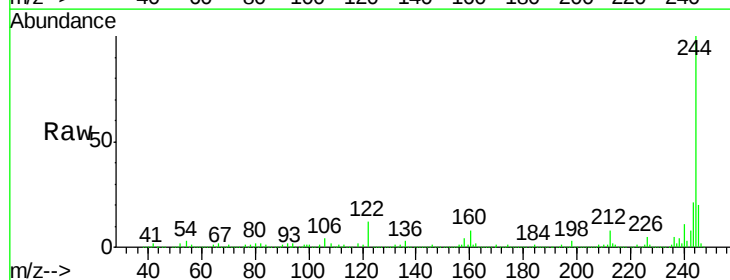
Tgt Ion:244 Resp: 1676811

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

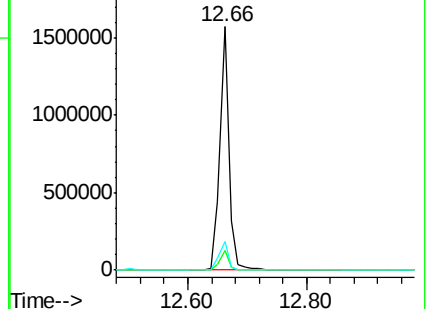
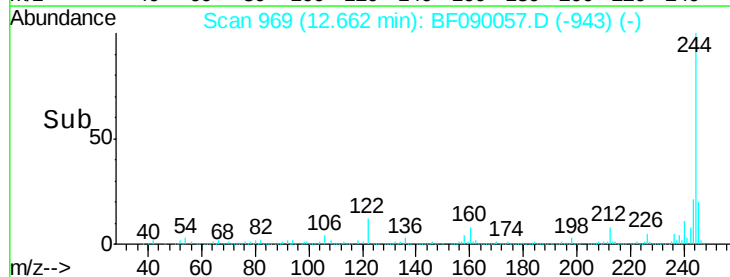
122 11.7 9.6 14.4

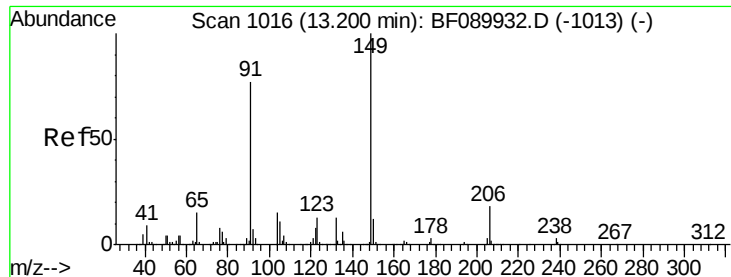


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

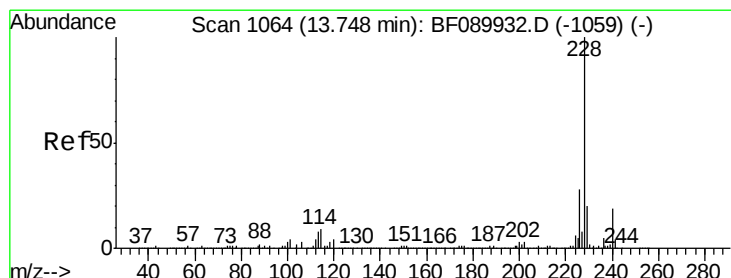
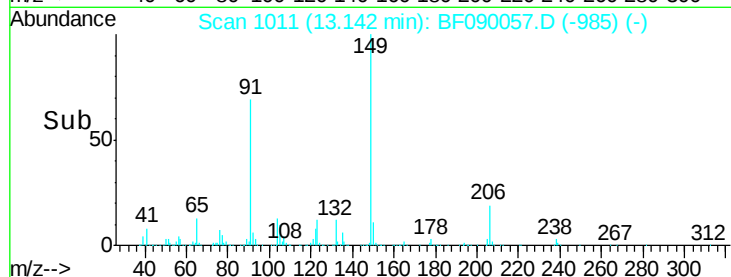
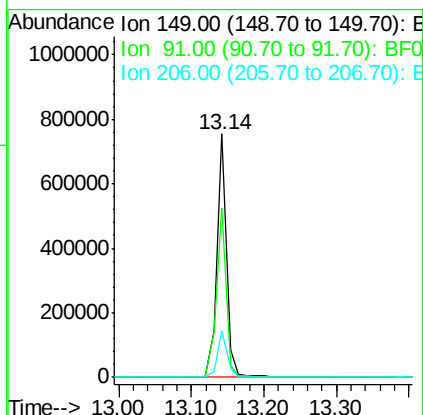
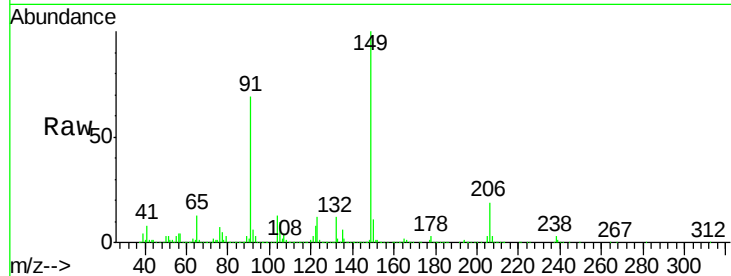




#79
Butylbenzylphthalate
Concen: 45.65 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

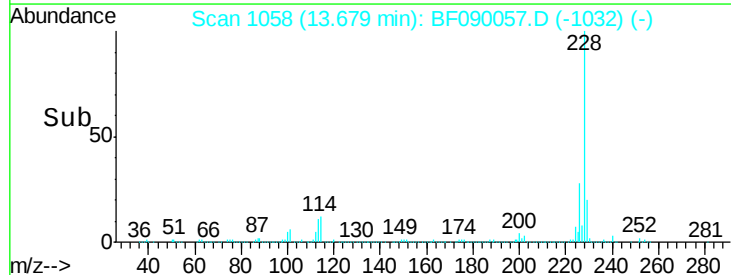
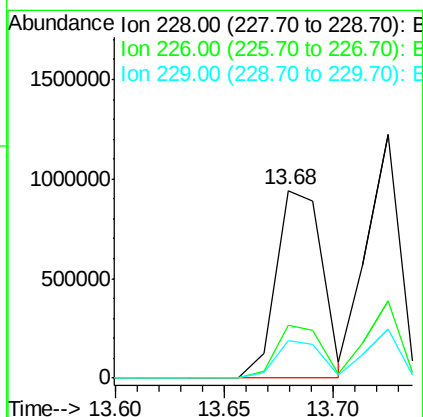
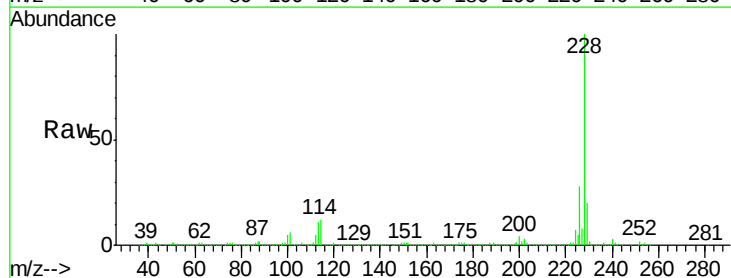
Instrument :
BNA_F
ClientSampled :

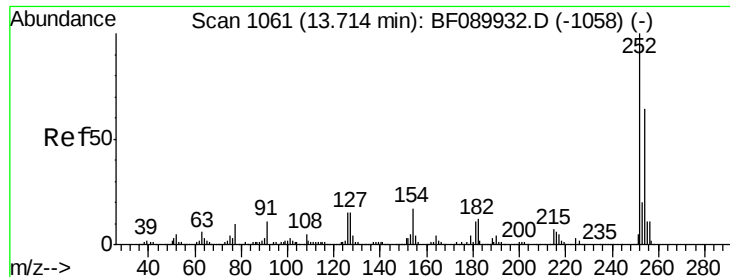
Tot Ion:149 Resp: 695498
Ion Ratio Lower Upper
149 100
91 69.5 60.0 90.0
206 19.0 15.1 22.7



#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:228 Resp: 1396848
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 20.1 15.8 23.6

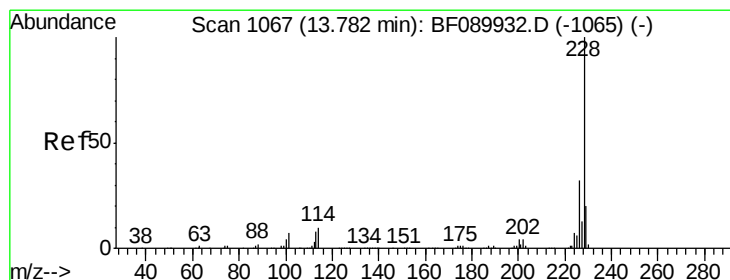
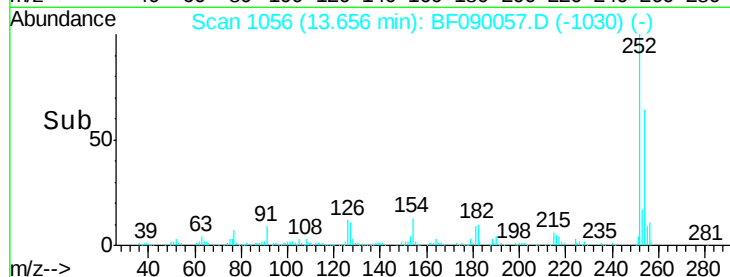
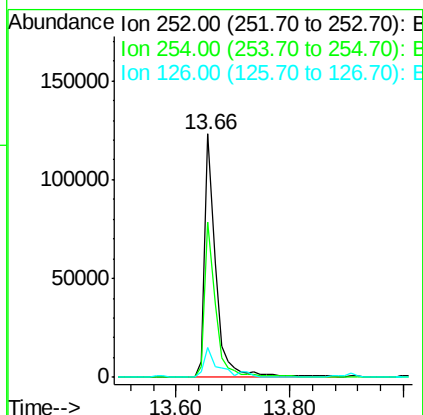
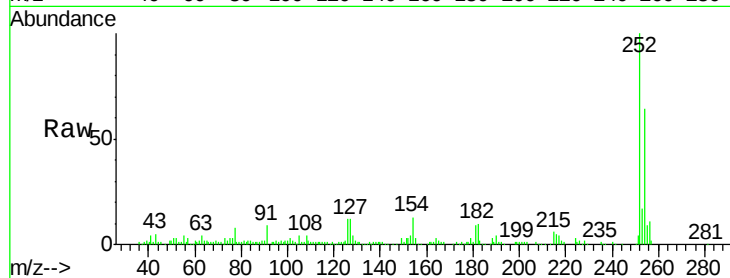




#81
 3,3'-Dichlorobenzidine
 Concen: 13.69 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

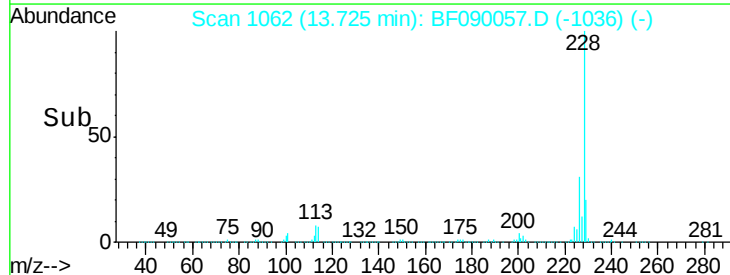
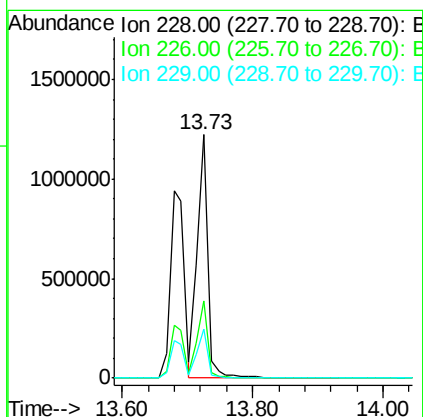
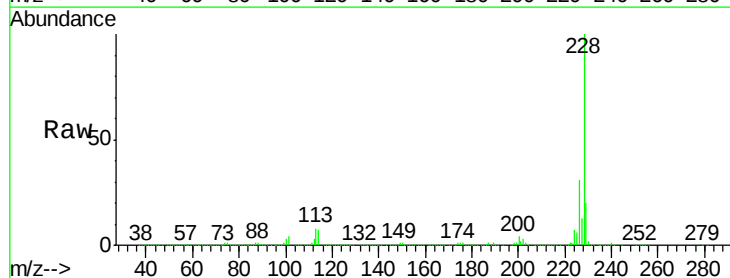
Instrument :
 BNA_F
 ClientSampleId :

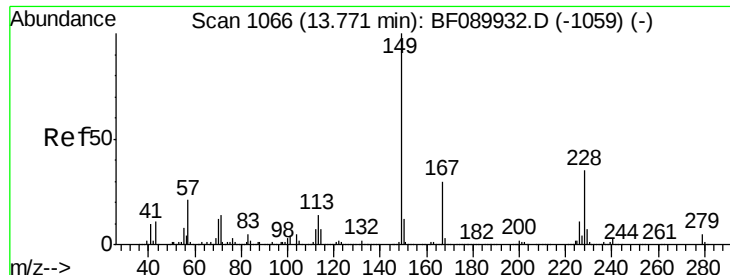
Tot Ion:252 Resp: 162153
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.3 76.9
 126 12.0 12.3 18.5#



#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

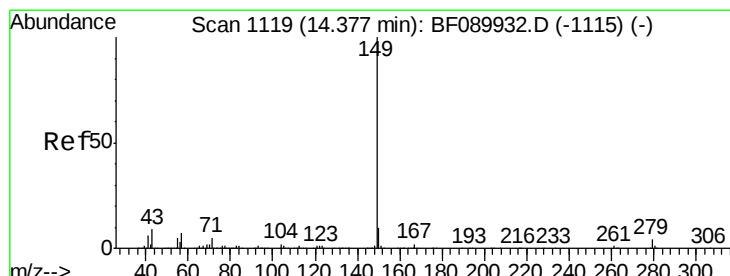
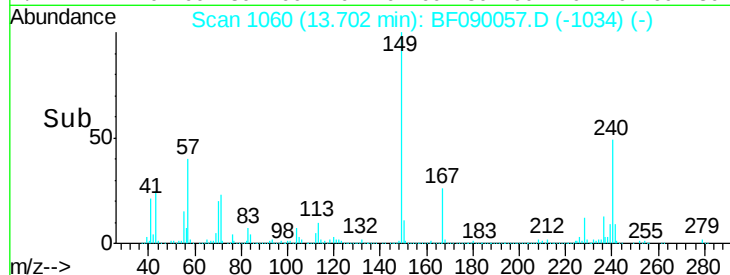
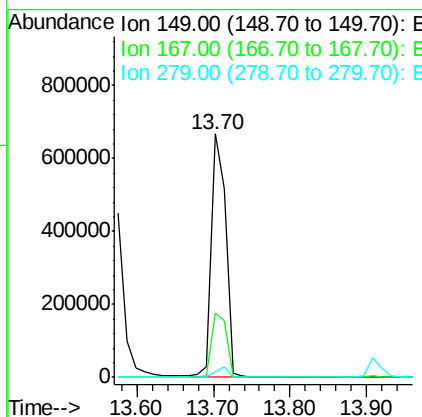
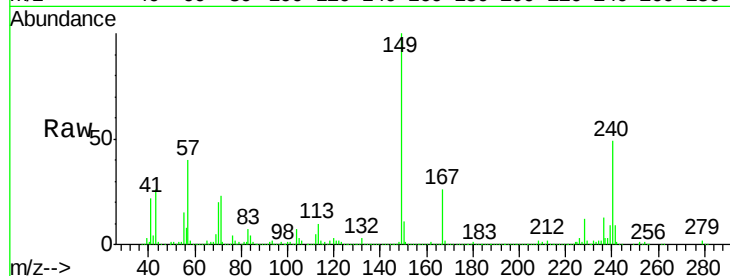




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.18 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

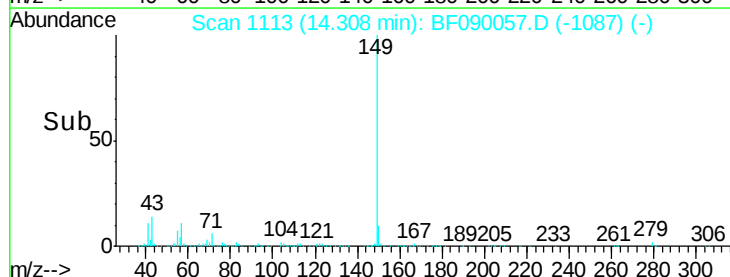
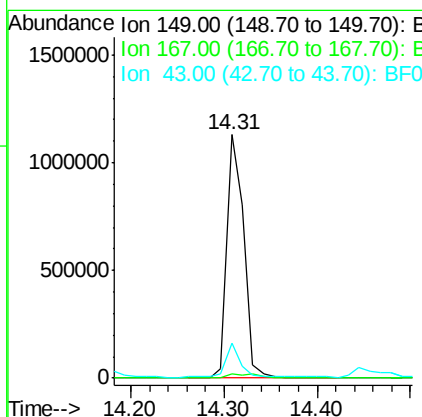
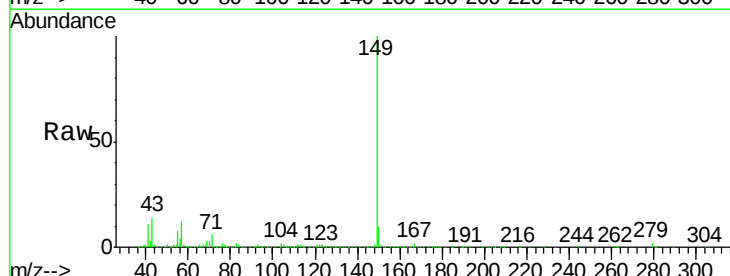
Instrument :
 BNA_F
 ClientSampleId :

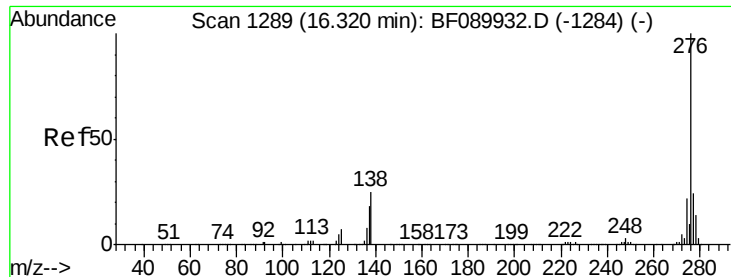
Tot Ion:149 Resp: 846751
 Ion Ratio Lower Upper
 149 100
 167 26.2 23.6 35.4
 279 2.1 3.4 5.2#



#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

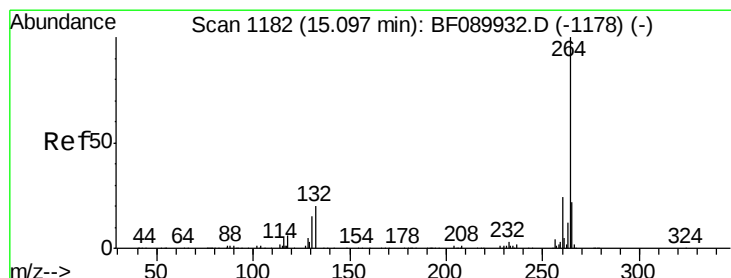
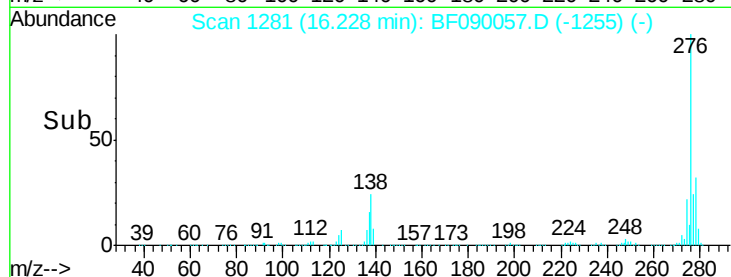
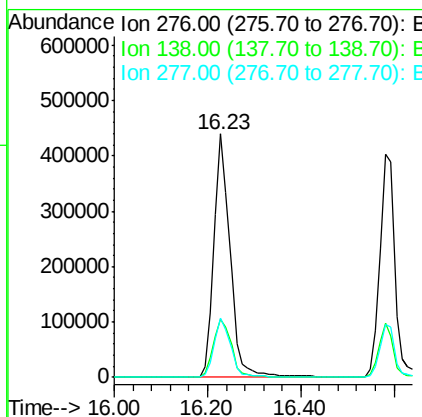
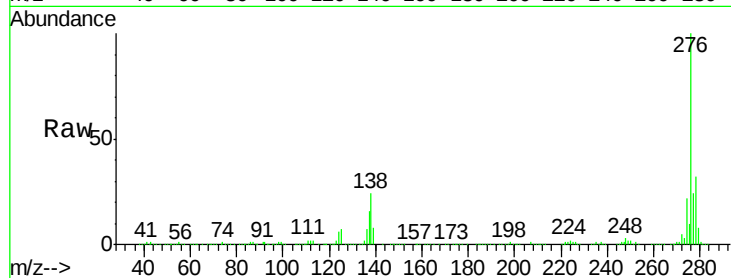




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.19 ng
 RT: 16.23 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

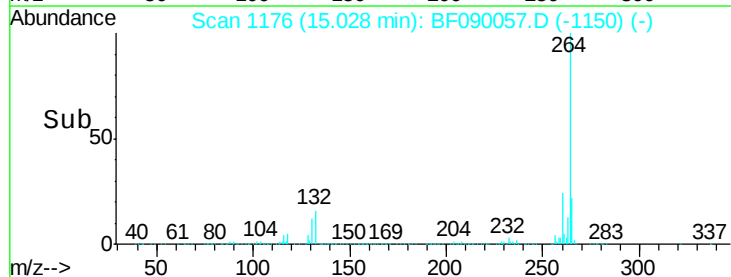
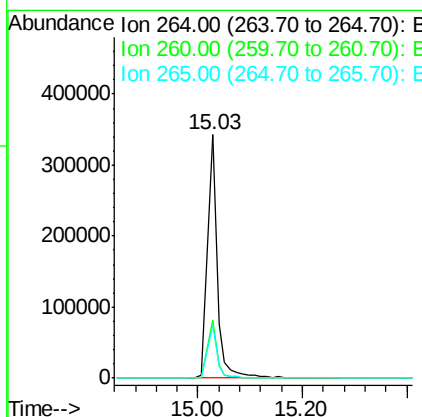
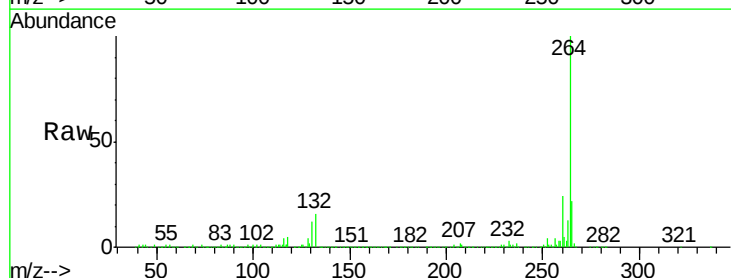
Instrument :
 BNA_F
 ClientSampleId :

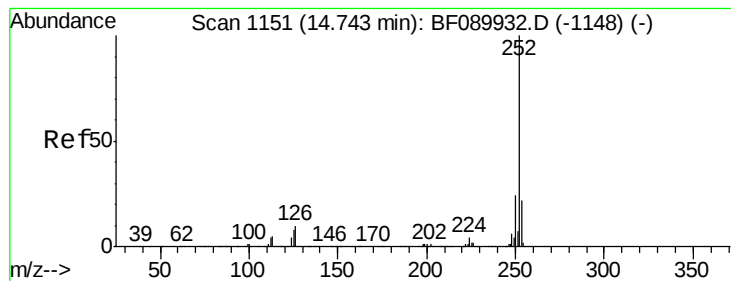
Tot Ion:276 Resp: 1069498
 Ion Ratio Lower Upper
 276 100
 138 26.9 22.6 34.0
 277 25.1 20.1 30.1



#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: 73.40 ng

RT: 14.70 min Scan# 1147

Delta R.T. 0.02 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

Instrument :

BNA_F

ClientSampleId :

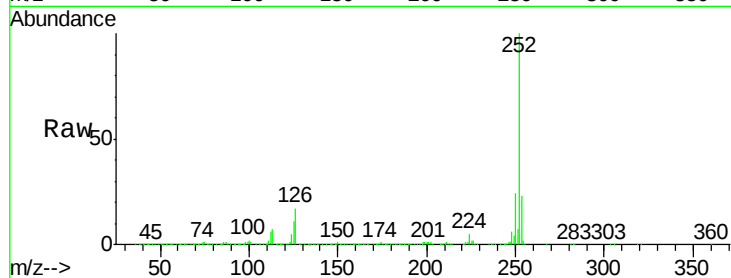
Tot Ion:252 Resp: 2036813

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

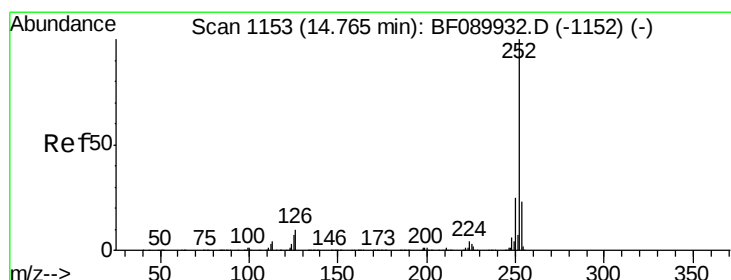
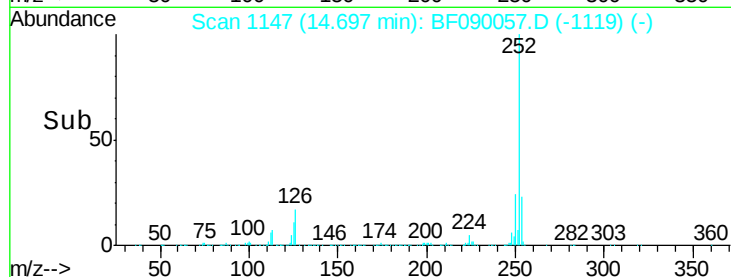
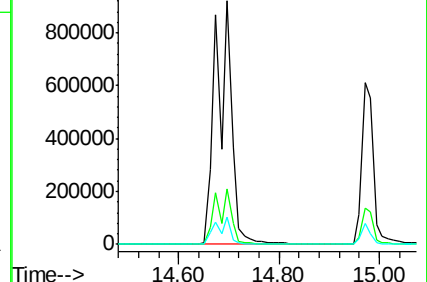
125 11.3 5.7 8.5#



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: 86.50 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF090057.D

Acq: 12 Sep 2016 12:17

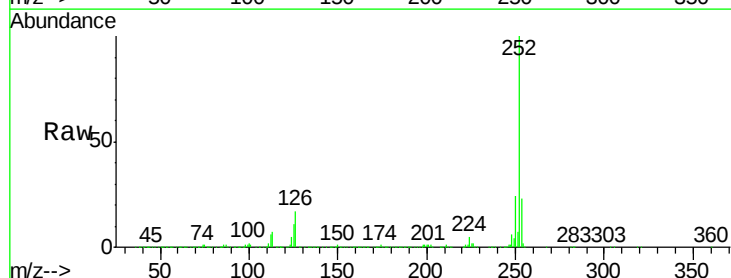
Tgt Ion:252 Resp: 2036813

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

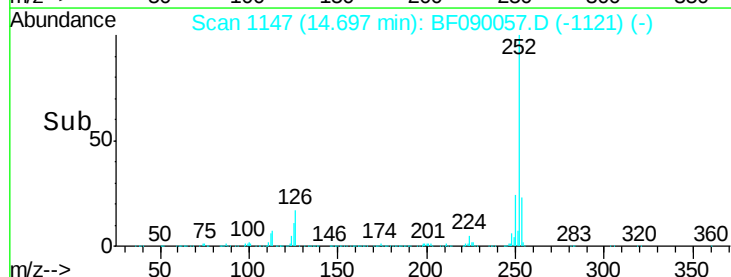
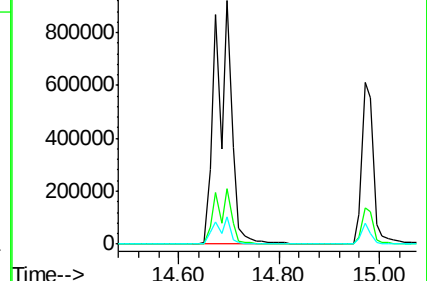
125 11.3 7.3 10.9#

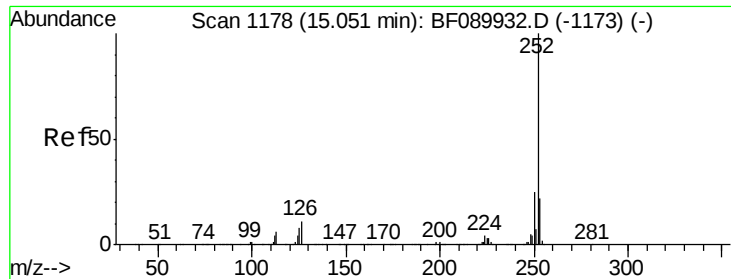


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

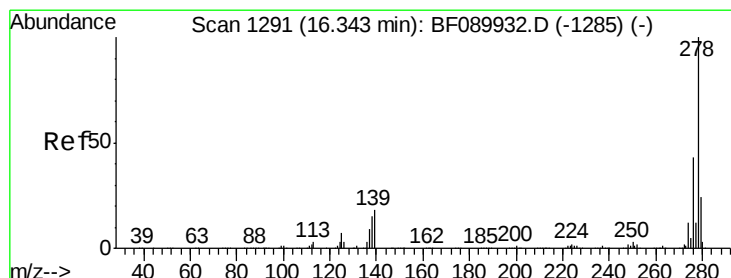
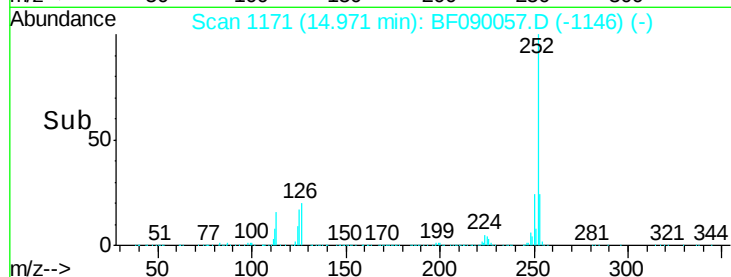
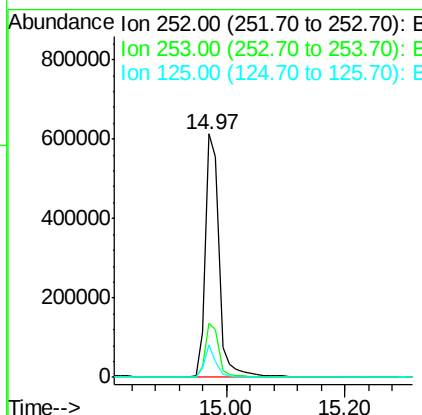
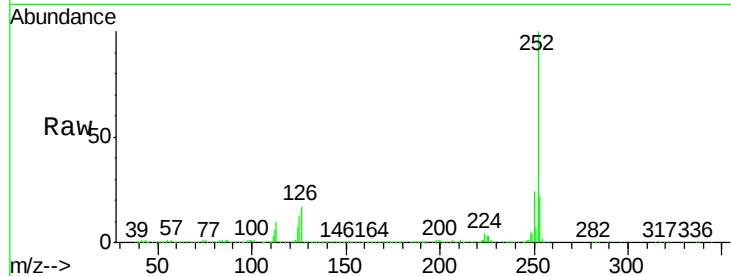




#89
Benzo(a)pyrene
Concen: 41.89 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF090057.D
Acq: 12 Sep 2016 12:17

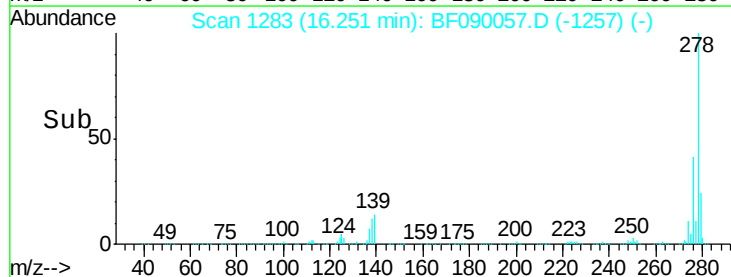
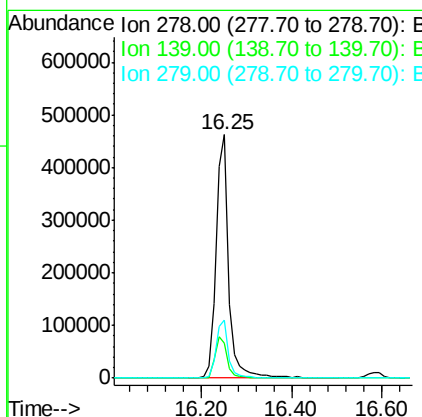
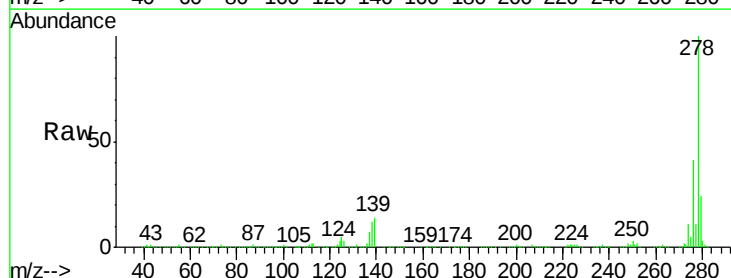
Instrument :
BNA_F
ClientSampleId :

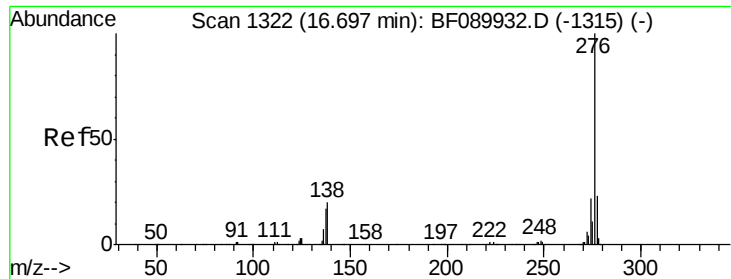
Tot Ion:252 Resp: 995864
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.1 6.3 9.5#



#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

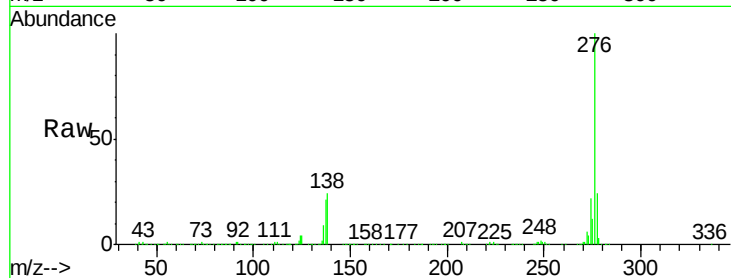




#91
 Benzo(a,h,i)perylene
 Concen: 52.58 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF090057.D
 Acq: 12 Sep 2016 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	24.3	16.4	24.6



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

