

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
 Data File : BF090112.D
 Acq On : 16 Sep 2016 18:00
 Operator : UM/SJ
 Sample : H4813-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

Quant Time: Sep 16 22:57:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	160219	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	631982	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	359778	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	497829	20.00	ng	-0.01
75) Chrysene-d12	13.66	240	356198	20.00	ng	-0.01
86) Perylene-d12	14.98	264	323909	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1392583	139.79	ng	0.00
7) Phenol-d6	6.20	99	1771356	135.82	ng	0.00
23) Nitrobenzene-d5	7.12	82	1151706	102.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	398427	110.25	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1601620	69.91	ng	-0.01
78) Terphenyl-d14	12.63	244	1388430	92.57	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.02	88	180157	34.64 ng	97
3) Pyridine	2.63	79	533410	40.45 ng	98
4) n-Nitrosodimethylamine	2.58	42	174642	41.83 ng	94
6) Aniline	6.20	93	522430	32.27 ng	92
8) 2-Chlorophenol	6.33	128	515241	44.89 ng	85
9) Benzaldehyde	6.08	77	46734	6.72 ng	97
10) Phenol	6.22	94	705624	48.20 ng	# 73
11) bis(2-Chloroethyl)ether	6.30	93	530565	45.19 ng	88
12) 1,3-Dichlorobenzene	6.48	146	504162	42.70 ng	100
13) 1,4-Dichlorobenzene	6.56	146	520539	42.71 ng	100
14) 1,2-Dichlorobenzene	6.56	146	521662	47.10 ng	95
15) Benzyl Alcohol	6.70	79	350133	47.67 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	614869	44.19 ng	97
17) 2-Methylphenol	6.82	107	419363	44.67 ng	98
18) Hexachloroethane	7.05	117	179846	40.66 ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	360448	44.47 ng	98
20) 3+4-Methylphenols	6.98	107	520549	45.67 ng	96
22) Acetophenone	6.97	105	666801	43.59 ng	99
24) Nitrobenzene	7.13	77	480464	40.58 ng	98
25) Isophorone	7.38	82	1045173	44.41 ng	100
26) 2-Nitrophenol	7.45	139	267003	46.51 ng	99
27) 2,4-Dimethylphenol	7.51	122	453033	44.85 ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	617606	44.74 ng	99
29) 2,4-Dichlorophenol	7.70	162	430322	48.23 ng	96
30) 1,2,4-Trichlorobenzene	7.77	180	398538	45.28 ng	100
31) Naphthalene	7.85	128	1368324	44.05 ng	100
32) Benzoic acid	7.61	122	68620	9.46 ng	94
33) 4-Chloroaniline	7.91	127	358105	27.09 ng	99
34) Hexachlorobutadiene	7.98	225	194079	43.06 ng	99
35) Caprolactam	8.28	113	82549	27.70 ng	95
36) 4-Chloro-3-methylphenol	8.41	107	473353	45.70 ng	94
37) 2-Methylnaphthalene	8.55	142	927695	48.15 ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	278387	30.09 ng	98
40) Hexachlorocyclopentadiene	8.70	237	329962	68.63 ng	99

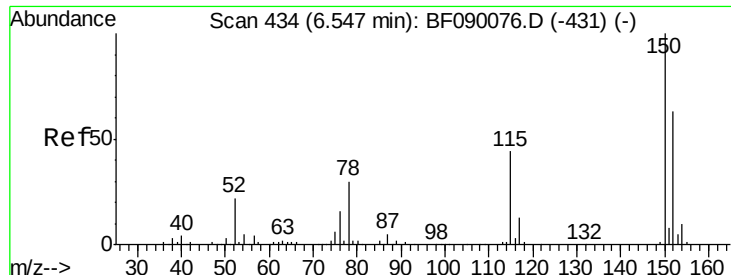
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
 Data File : BF090112.D
 Acq On : 16 Sep 2016 18:00
 Operator : UM/SJ
 Sample : H4813-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	254794	38.00	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	293989	40.76	ng	98
45) 1,1'-Biphenyl	9.00	154	934958	31.76	ng	99
46) 2-Chloronaphthalene	9.03	162	799835	36.66	ng	99
47) 2-Nitroaniline	9.13	65	272789	39.17	ng	88
48) Acenaphthylene	9.44	152	1329071	36.28	ng	99
49) Dimethylphthalate	9.32	163	1350838	50.55	ng	99
50) 2,6-Dinitrotoluene	9.38	165	245191	41.06	ng	# 68
51) Acenaphthene	9.61	154	765165	37.39	ng	100
52) 3-Nitroaniline	9.54	138	217441	29.93	ng	98
53) 2,4-Dinitrophenol	9.64	184	125492	38.65	ng	# 81
54) Dibenzofuran	9.78	168	1110487	39.24	ng	96
55) 4-Nitrophenol	9.72	139	354611	69.35	ng	93
56) 2,4-Dinitrotoluene	9.78	165	260932	35.84	ng	# 77
57) Fluorene	10.12	166	848759	39.66	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	220739	40.13	ng	96
59) Diethylphthalate	10.02	149	982398	37.97	ng	97
60) 4-Chlorophenyl-phenylether	10.12	204	332716	38.17	ng	# 77
61) 4-Nitroaniline	10.16	138	258731	35.18	ng	98
62) Azobenzene	10.27	77	1036773	38.19	ng	98
64) 4,6-Dinitro-2-methylphenol	10.18	198	131983	39.32	ng	84
65) n-Nitrosodiphenylamine	10.24	169	734252	46.55	ng	100
66) 4-Bromophenyl-phenylether	10.60	248	243083	50.65	ng	# 93
67) Hexachlorobenzene	10.66	284	256684	45.39	ng	95
68) Atrazine	10.78	200	230705	49.22	ng	98
69) Pentachlorophenol	10.86	266	248879	75.13	ng	98
70) Phenanthrene	11.07	178	1181953	49.13	ng	99
71) Anthracene	11.12	178	1209389	46.04	ng	100
72) Carbazole	11.28	167	1248287	46.32	ng	99
73) Di-n-butylphthalate	11.62	149	1379991	45.67	ng	100
74) Fluoranthene	12.24	202	1079419	42.82	ng	99
76) Benzidine	12.38	184	495568	34.11	ng	98
77) Pyrene	12.47	202	1197788	46.08	ng	100
79) Butylbenzylphthalate	13.11	149	597936	46.19	ng	94
80) Benzo(a)anthracene	13.65	228	955808	45.97	ng	99
81) 3,3'-Dichlorobenzidine	13.62	252	294361	33.78	ng	99
82) Chrysene	13.68	228	706079	36.20	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	693633	43.32	ng	99
84) Di-n-octyl phthalate	14.27	149	1183852	41.36	ng	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	877065	51.76	ng	100
87) Benzo(b)fluoranthene	14.66	252	1613249	84.96	ng	# 92
88) Benzo(k)fluoranthene	14.66	252	1614350	94.43	ng	98
89) Benzo(a)pyrene	14.93	252	773340	45.41	ng	# 92
90) Dibenzo(a,h)anthracene	16.18	278	736119	55.20	ng	99
91) Benzo(g,h,i)perylene	16.51	276	744814	58.52	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

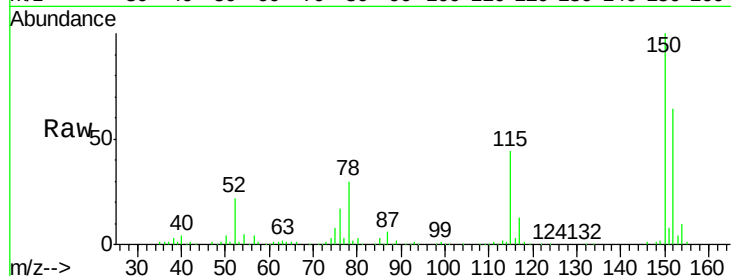
Tgt Ion:152 Resp: 160219

Ion Ratio Lower Upper

152 100

150 156.6 128.9 193.3

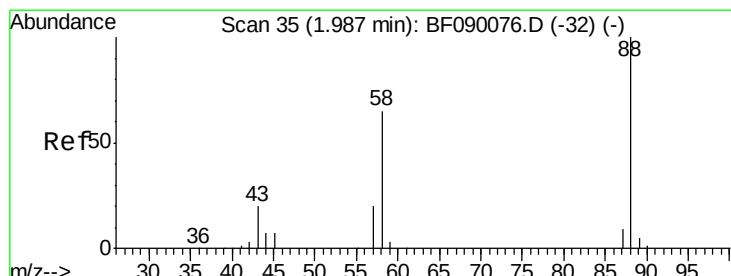
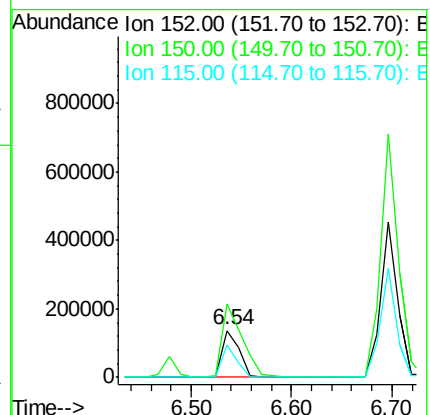
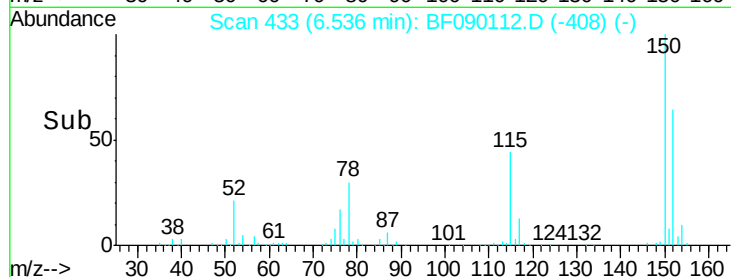
115 69.6 55.5 83.3



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: 34.64 ng

RT: 2.02 min Scan# 38

Delta R.T. 0.03 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

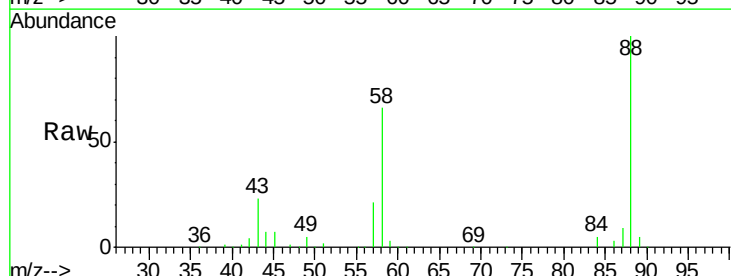
Tgt Ion: 88 Resp: 180157

Ion Ratio Lower Upper

88 100

58 69.0 53.4 80.0

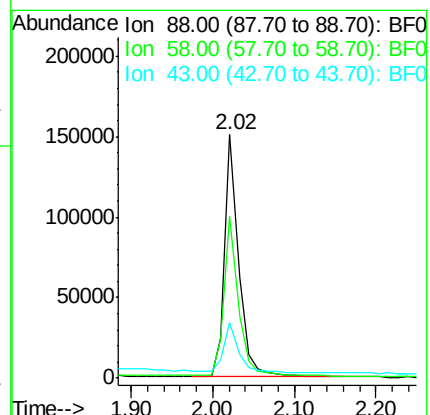
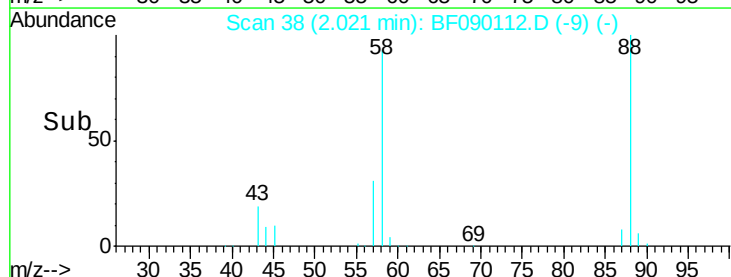
43 22.5 16.5 24.7

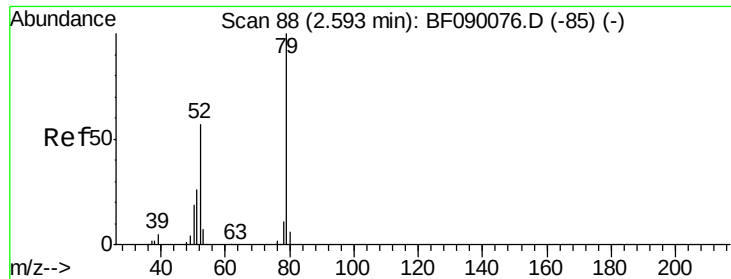


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.45 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.03 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

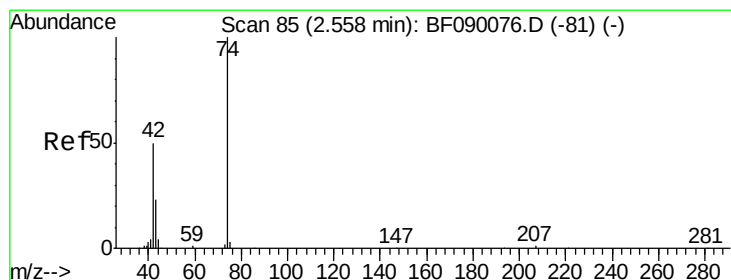
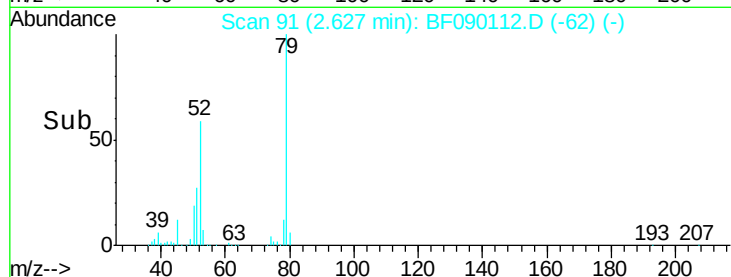
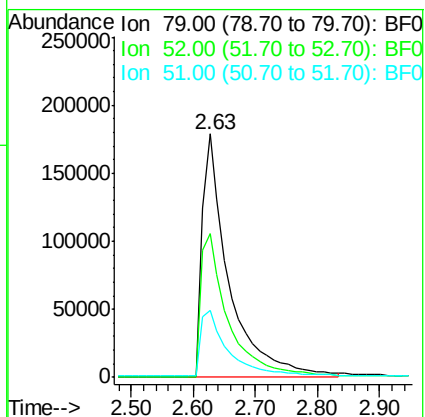
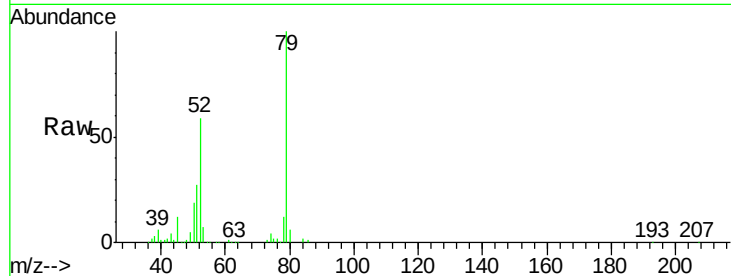
Tgt Ion: 79 Resp: 533410

Ion Ratio Lower Upper

79 100

52 58.9 45.9 68.9

51 27.5 21.3 31.9



#4

n-Nitrosodimethylamine

Concen: 41.83 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

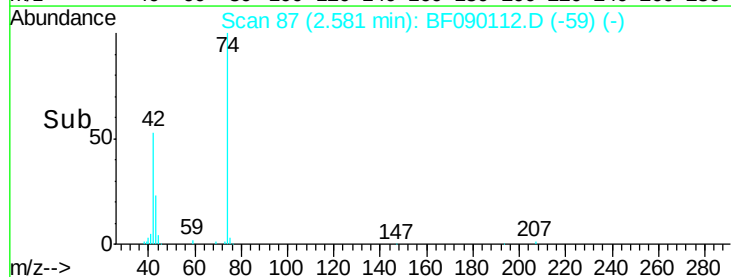
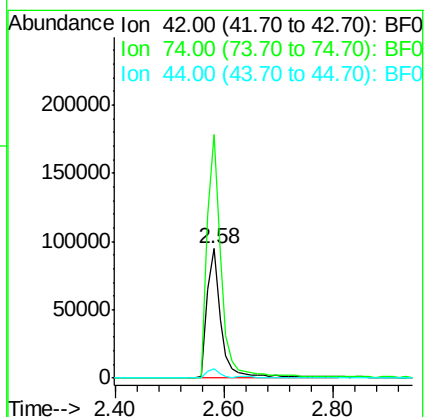
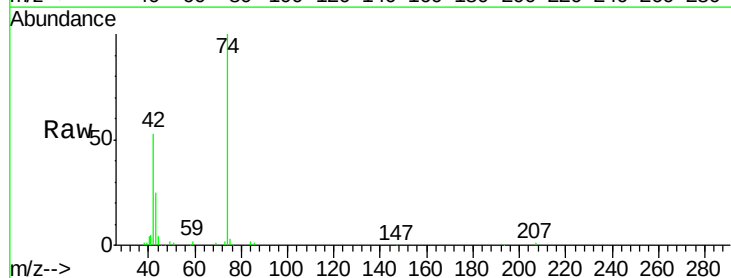
Tgt Ion: 42 Resp: 174642

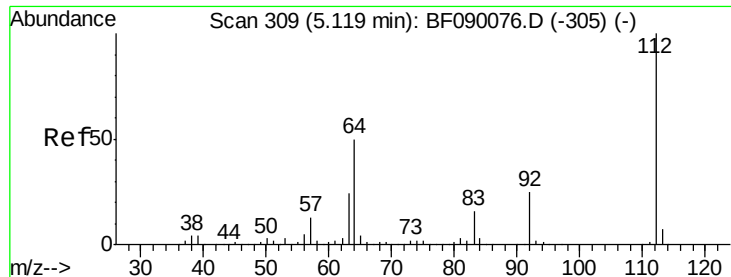
Ion Ratio Lower Upper

42 100

74 188.4 158.7 238.1

44 7.5 6.4 9.6

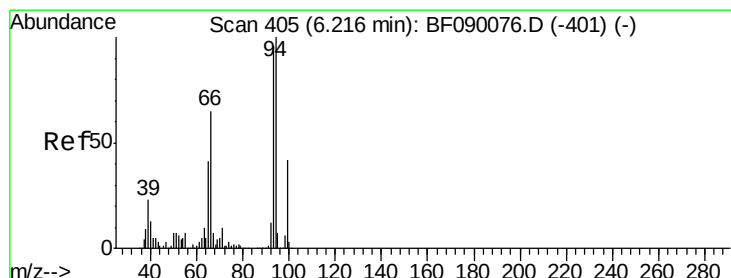
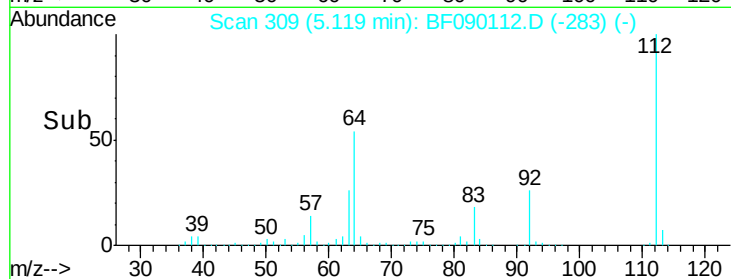
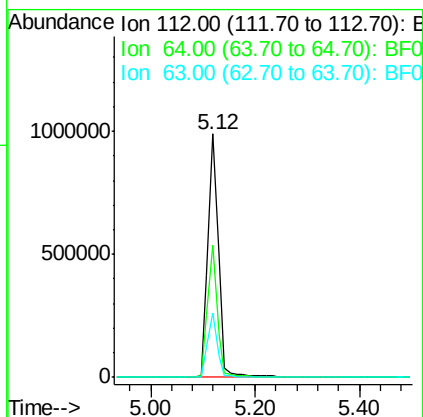
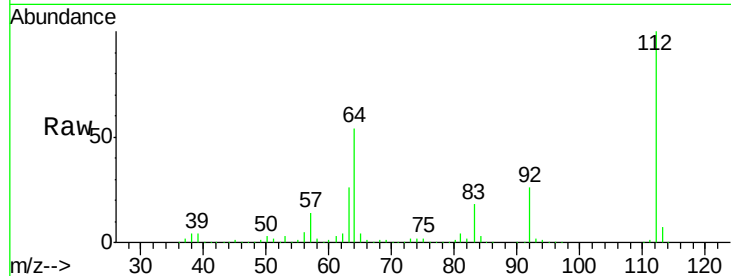




#5
 2-Fluorophenol
 Concen: 139.79 ng
 RT: 5.12 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

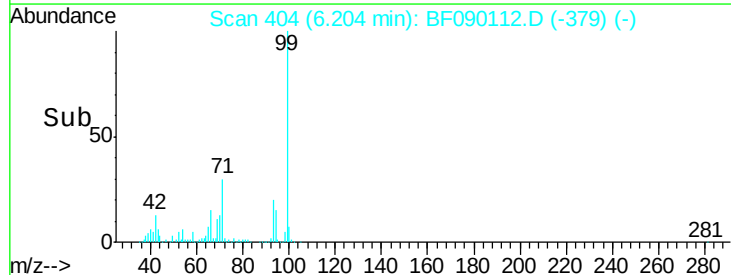
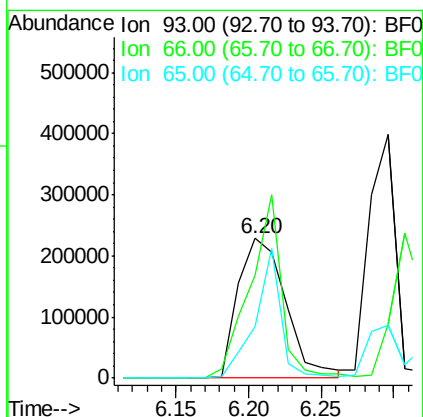
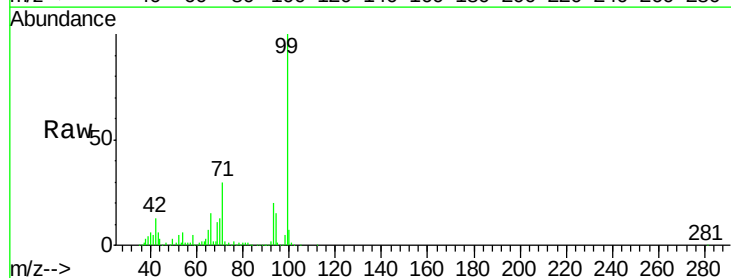
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

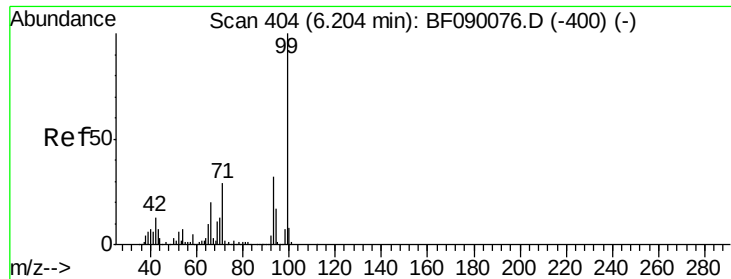
Tgt Ion: 112 Resp: 1392583
 Ion Ratio Lower Upper
 112 100
 64 54.2 39.8 59.6
 63 26.3 18.9 28.3



#6
 Aniline
 Concen: 32.27 ng
 RT: 6.20 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion: 93 Resp: 522430
 Ion Ratio Lower Upper
 93 100
 66 74.1 54.2 81.2
 65 36.6 33.8 50.6





#7

Phenol-d6

Concen: 135.82 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

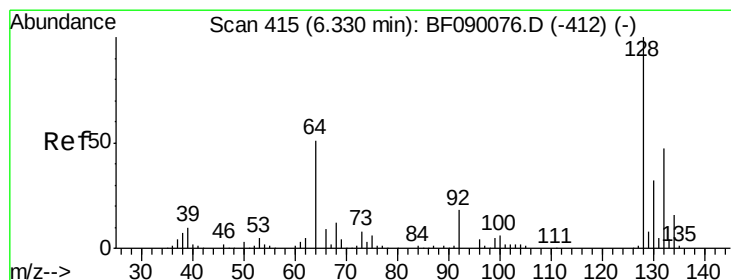
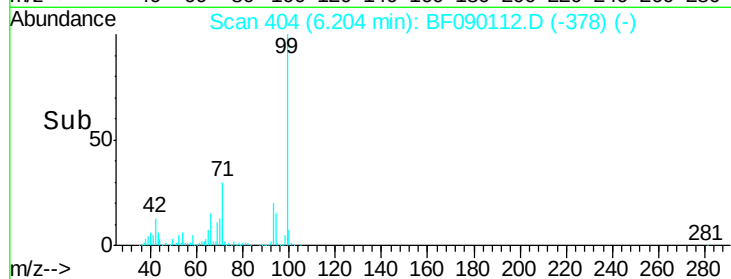
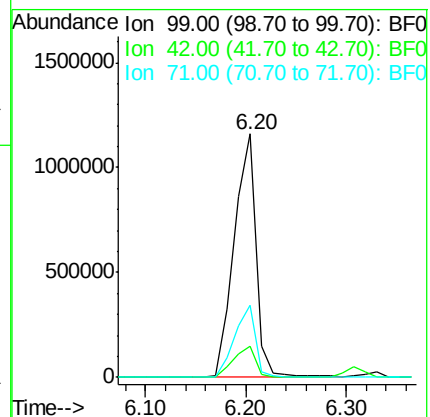
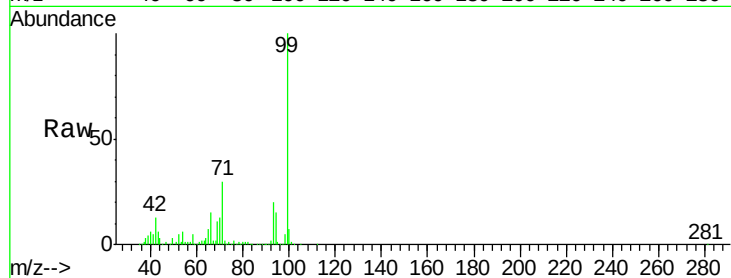
Tgt Ion: 99 Resp: 1771356

Ion Ratio Lower Upper

99 100

42 12.6 10.6 15.8

71 29.6 23.0 34.6



#8

2-Chlorophenol

Concen: 44.89 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

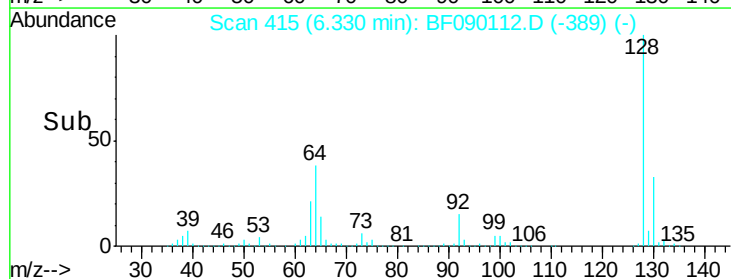
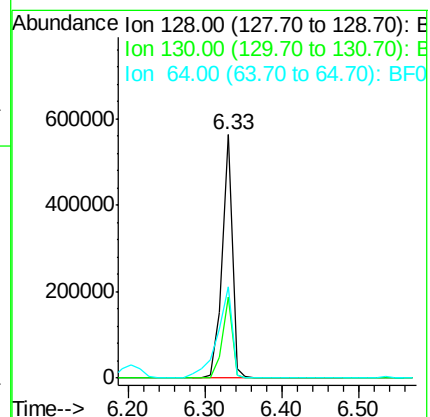
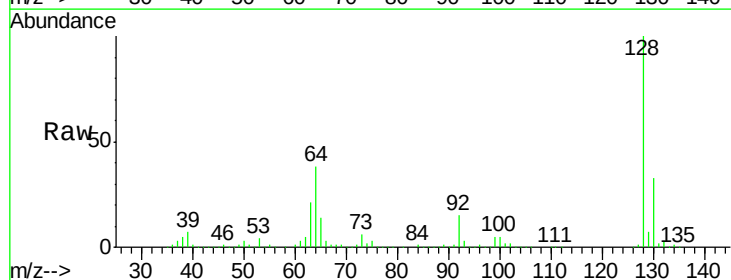
Tgt Ion: 128 Resp: 515241

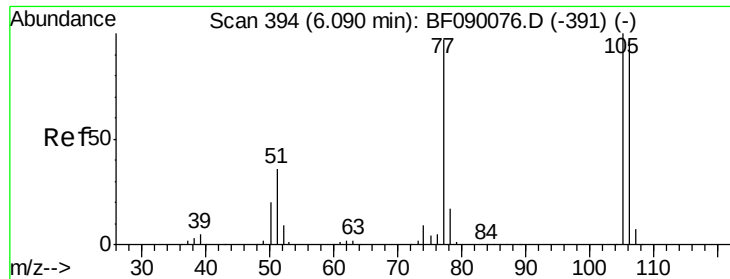
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 37.7 33.6 73.6





#9

Benzaldehyde

Concen: 6.72 ng

RT: 6.08 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

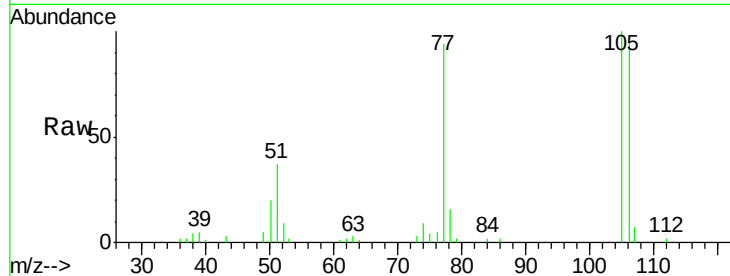
Tgt Ion: 77 Resp: 46734

Ion Ratio Lower Upper

77 100

105 106.6 83.0 123.0

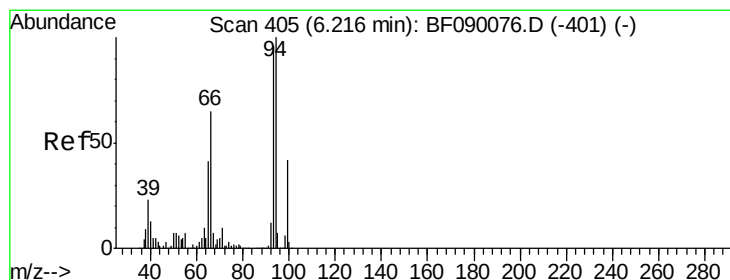
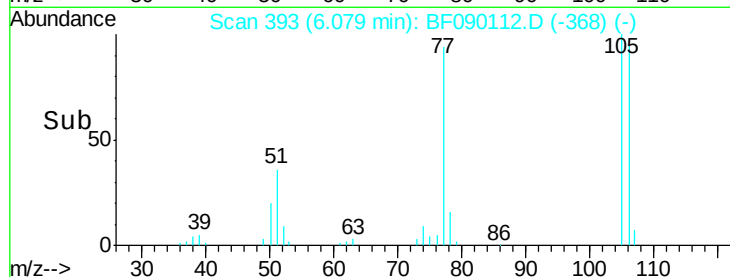
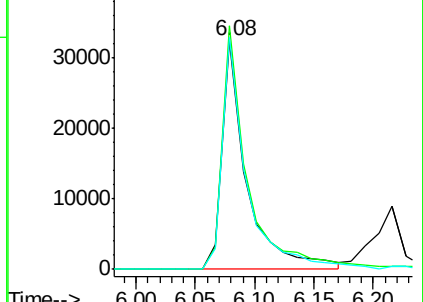
106 101.7 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.20 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

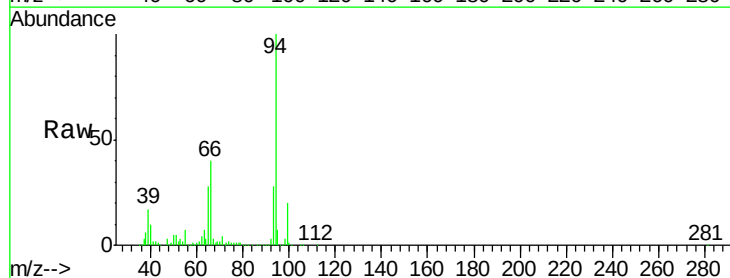
Tgt Ion: 94 Resp: 705624

Ion Ratio Lower Upper

94 100

65 28.4 20.6 60.6

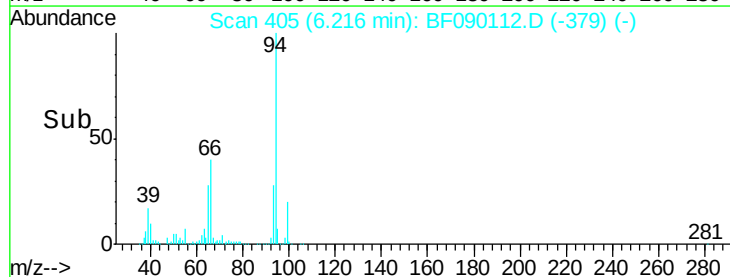
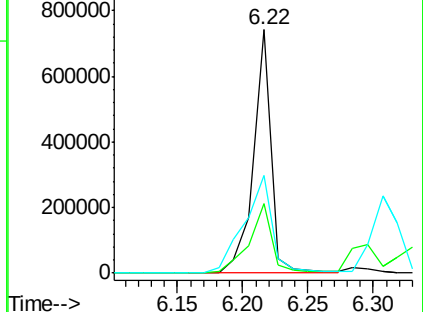
66 40.4 45.1 85.1#

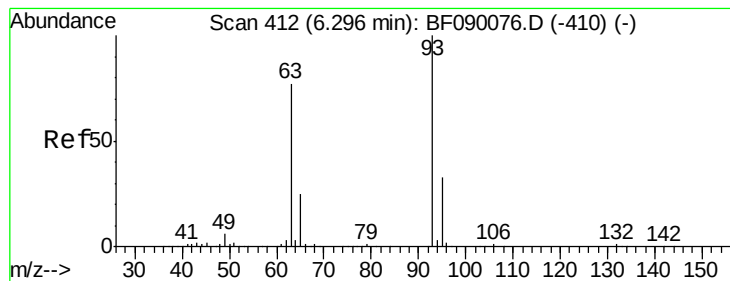


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.19 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

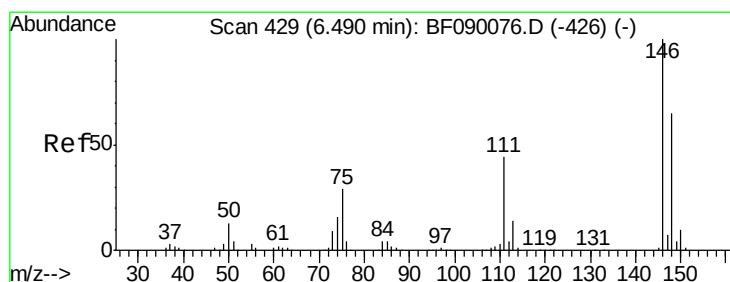
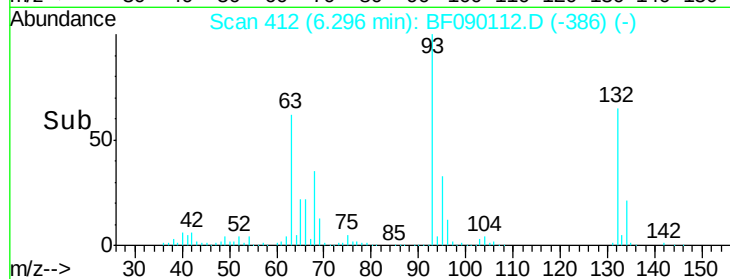
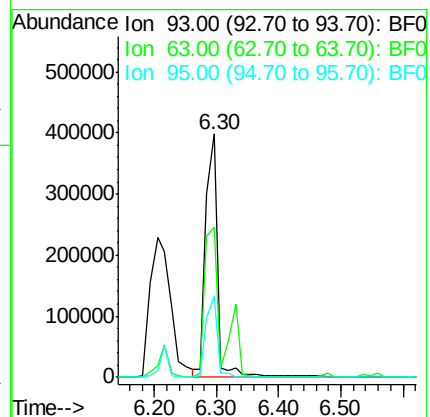
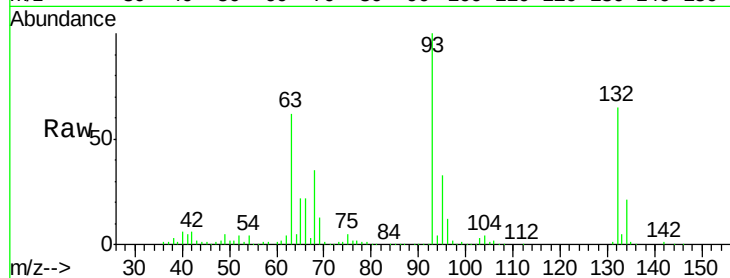
Tgt Ion: 93 Resp: 530565

Ion Ratio Lower Upper

93 100

63 61.5 55.6 95.6

95 33.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 42.70 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

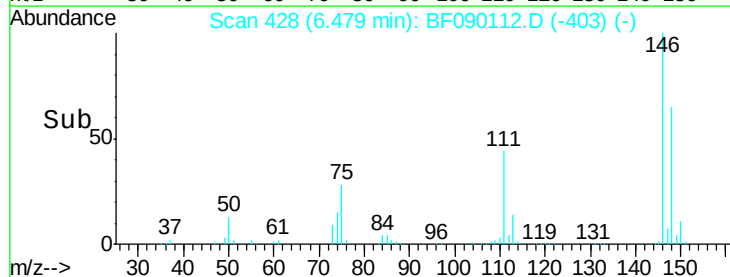
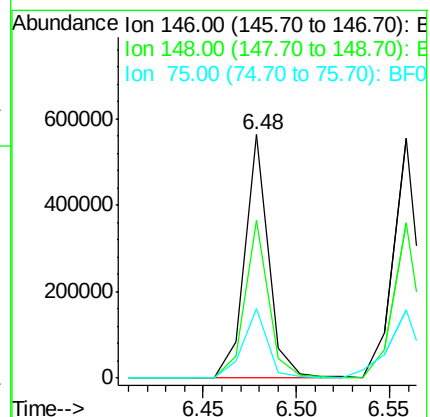
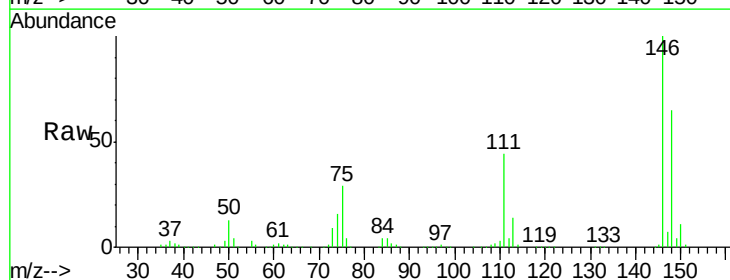
Tgt Ion: 146 Resp: 504162

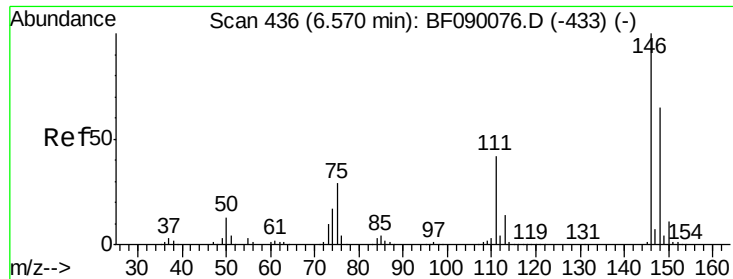
Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

75 28.5 22.8 34.2

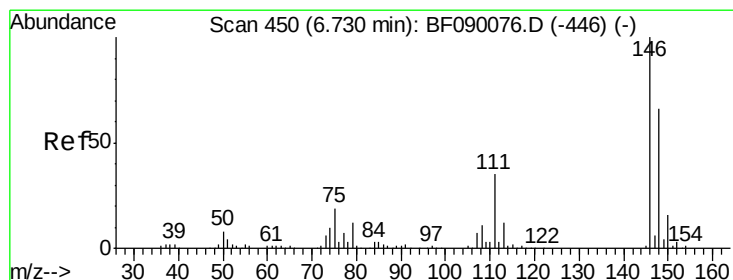
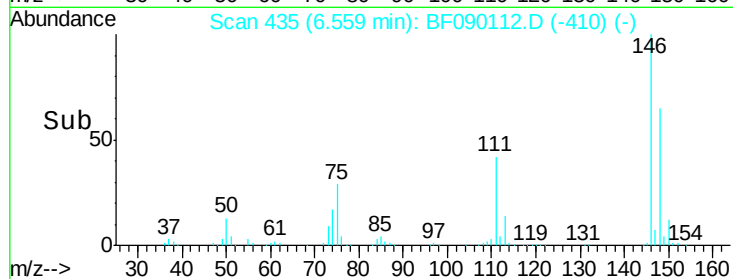
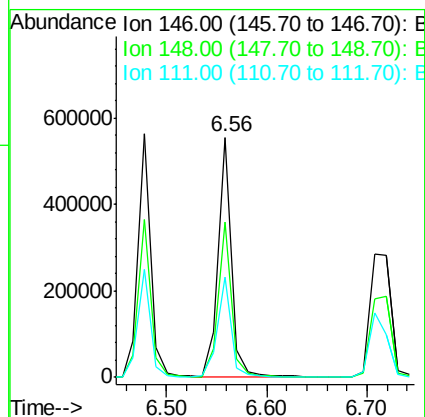
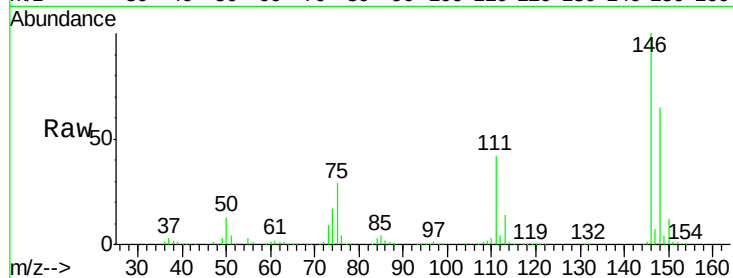




#13
 1,4-Dichlorobenzene
 Concen: 42.71 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

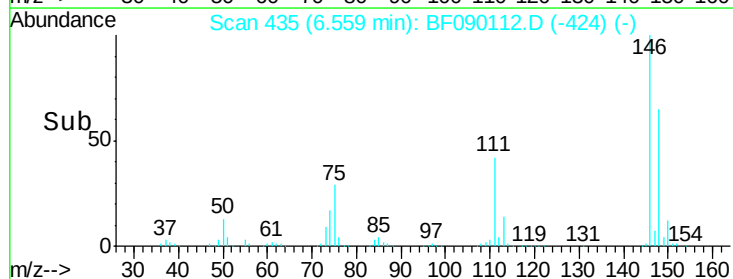
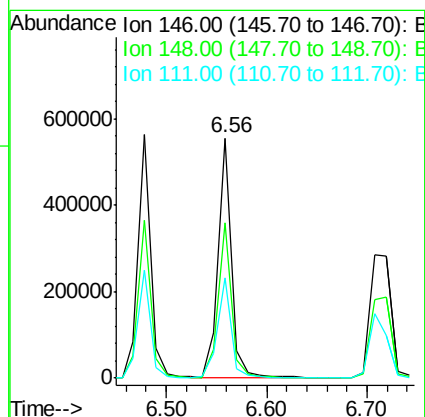
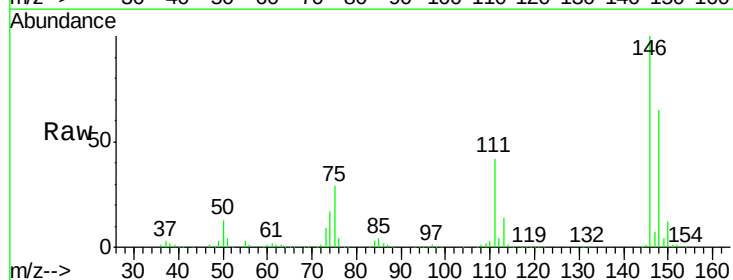
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

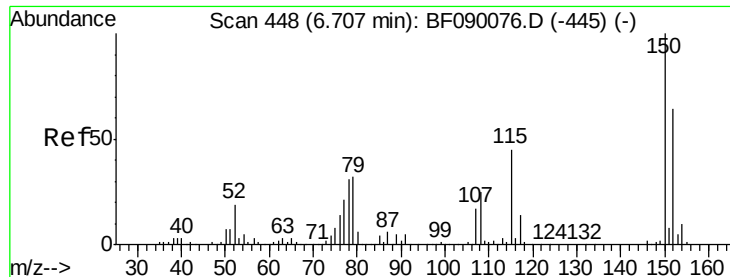
Tgt Ion:146 Resp: 520539
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 111 41.8 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 47.10 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.17 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion:146 Resp: 521662
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.6 79.0
 111 41.8 28.2 42.2

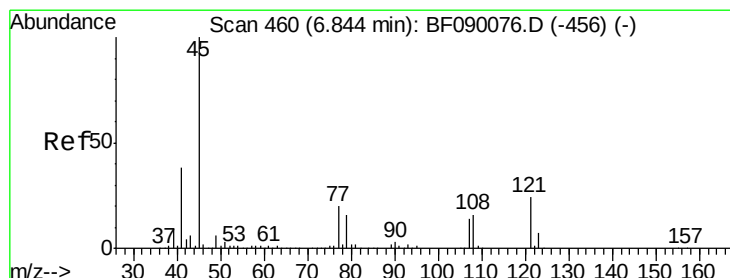
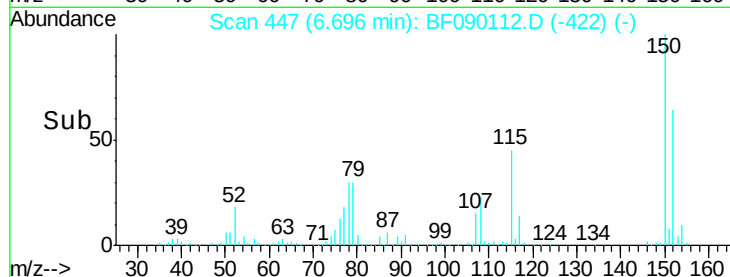
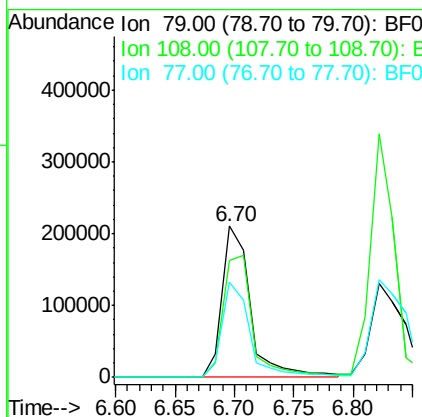
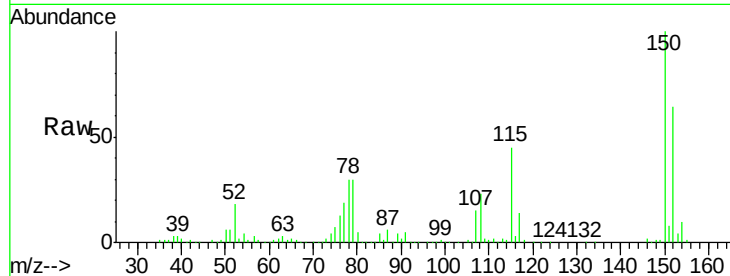




#15
Benzyl Alcohol
Concen: 47.67 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

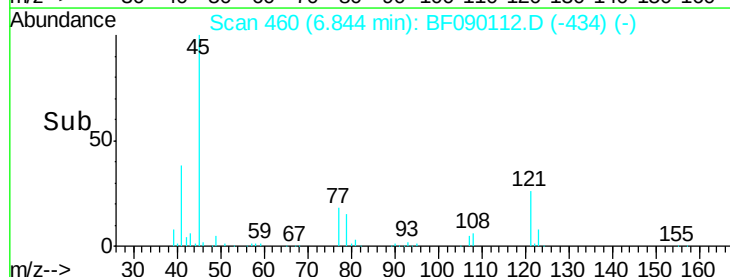
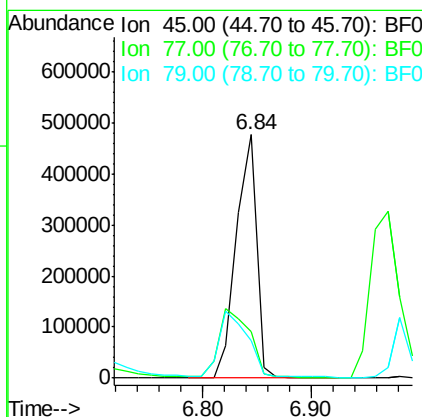
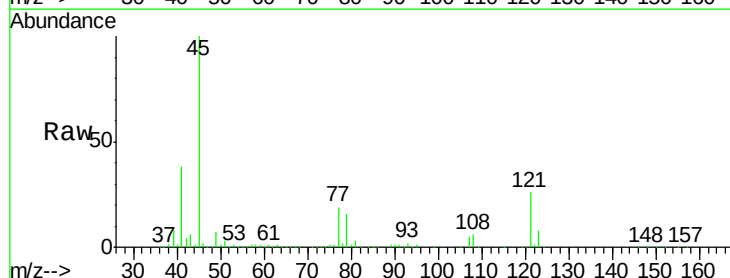
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

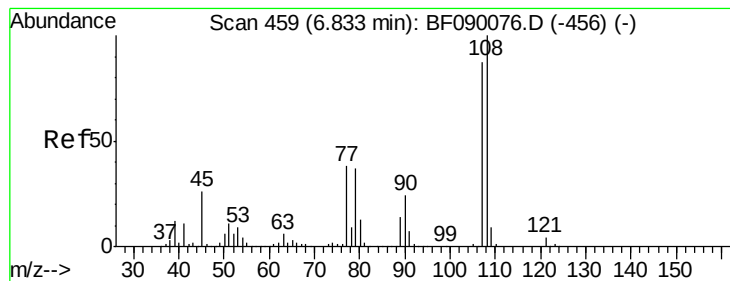
Tgt Ion: 79 Resp: 350133
Ion Ratio Lower Upper
79 100
108 77.3 62.2 93.4
77 62.5 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.19 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion: 45 Resp: 614869
Ion Ratio Lower Upper
45 100
77 18.9 0.5 40.5
79 15.6 0.0 37.0





#17

2-Methylphenol

Concen: 44.67 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

Tgt Ion:107 Resp: 419363

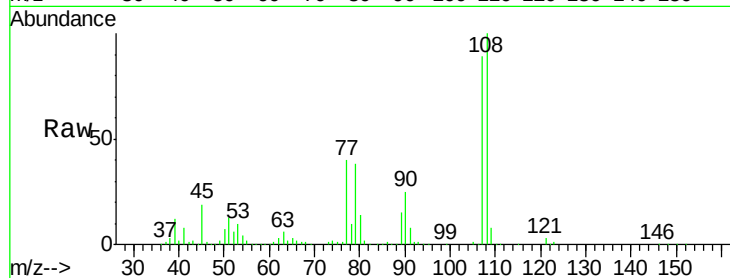
Ion Ratio Lower Upper

107 100

108 112.3 92.0 138.0

77 45.0 35.6 53.4

79 43.2 35.2 52.8

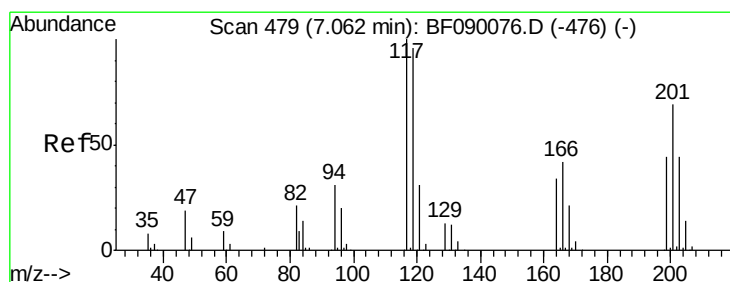
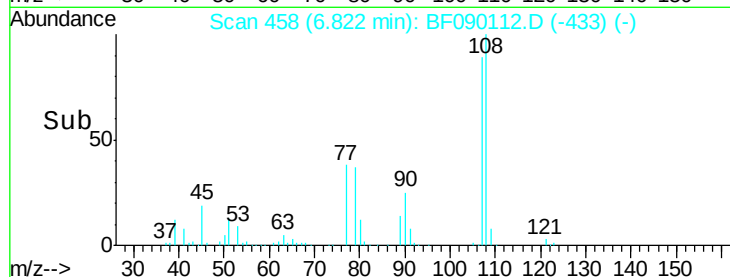
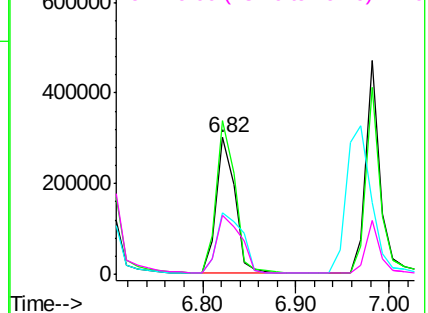


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.66 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

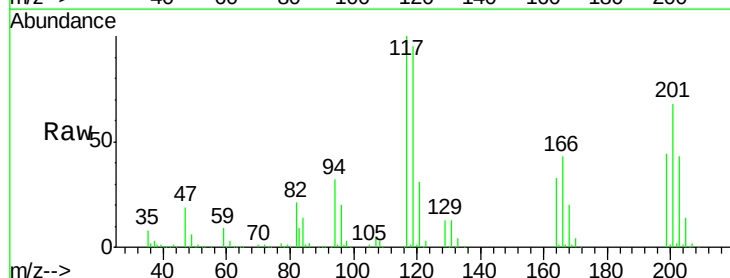
Tgt Ion:117 Resp: 179846

Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0

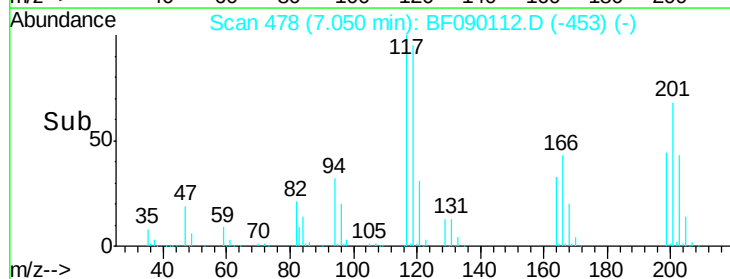
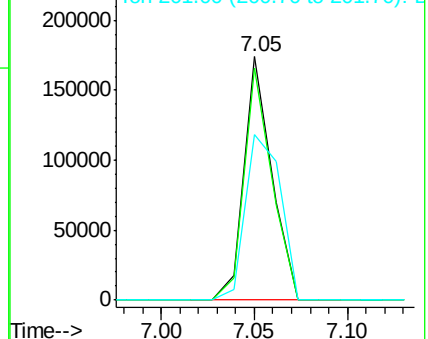
201 67.8 55.5 83.3

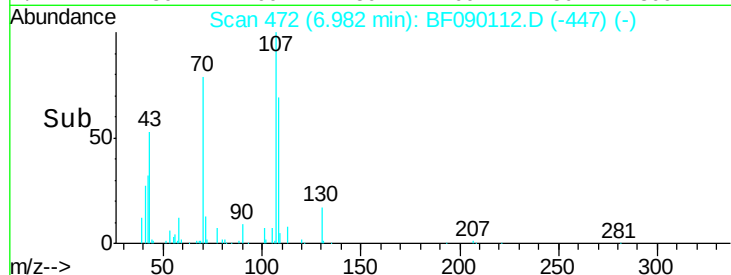
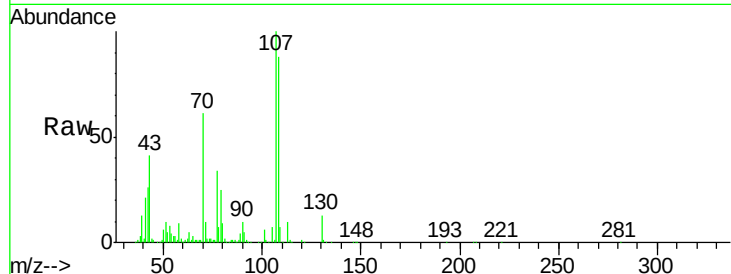
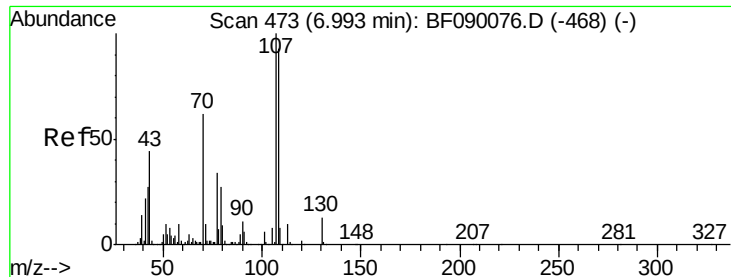


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

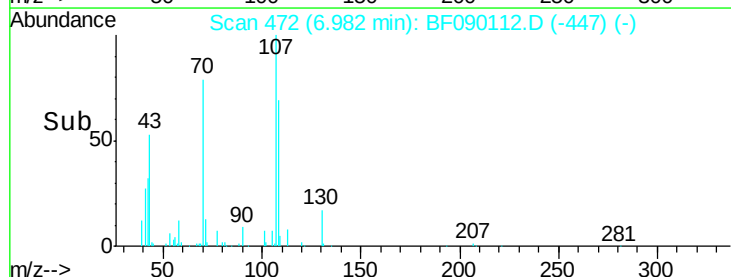
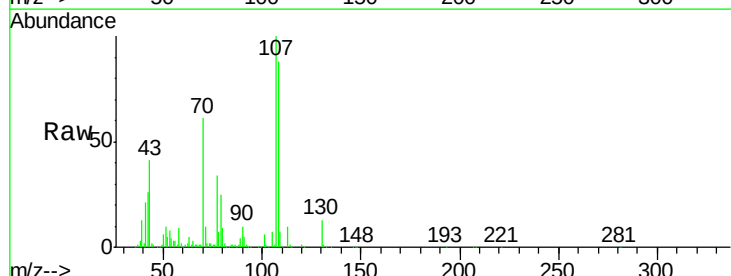
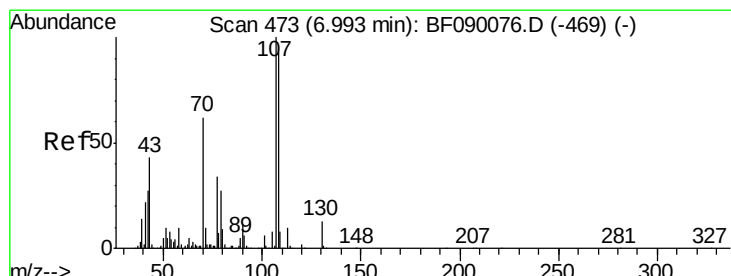
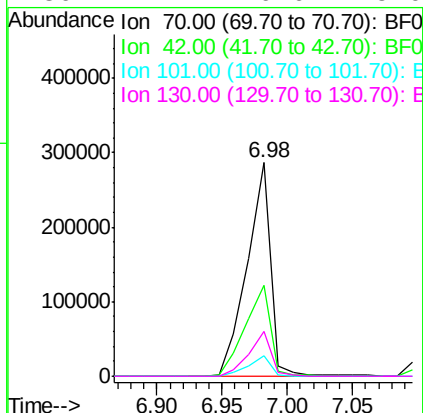




#19
n-Nitroso-di-n-propylamine
Concen: 44.47 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

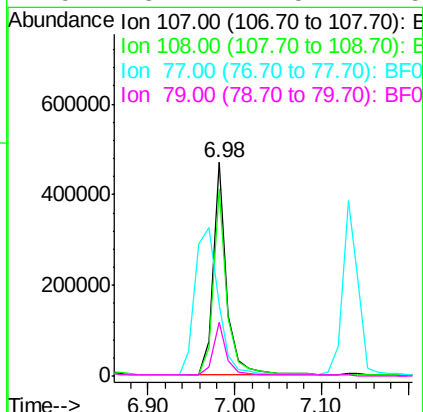
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

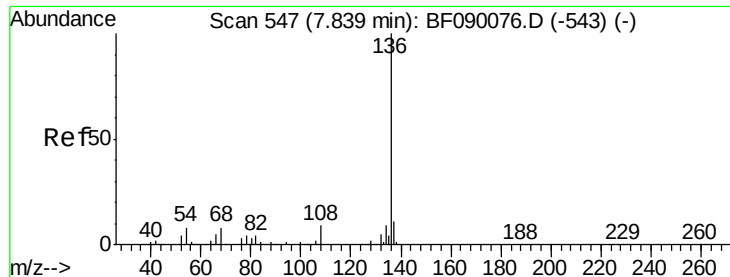
Tgt Ion:	70	Resp:	360448
Ion	Ratio	Lower	Upper
70	100		
42	42.7	35.1	52.7
101	9.8	7.5	11.3
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.67 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:	107	Resp:	520549
Ion	Ratio	Lower	Upper
107	100		
108	87.6	73.3	113.3
77	33.6	14.1	54.1
79	25.4	7.5	47.5

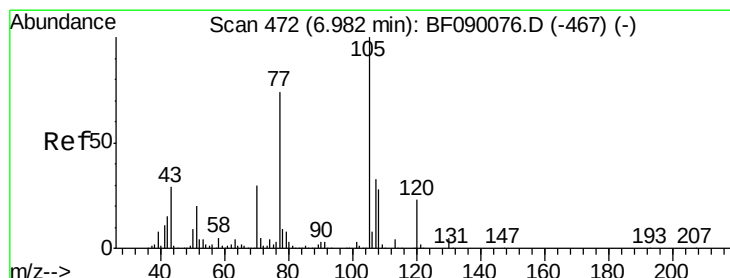
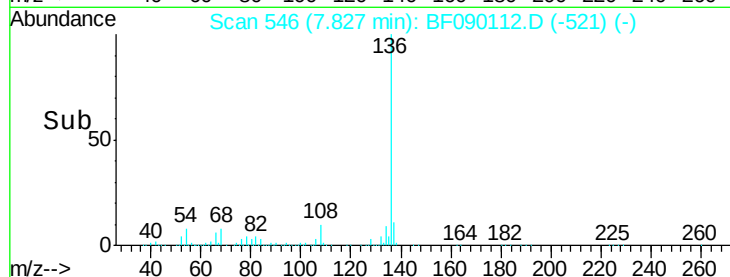
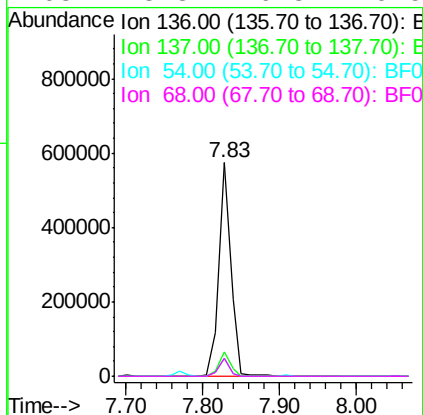
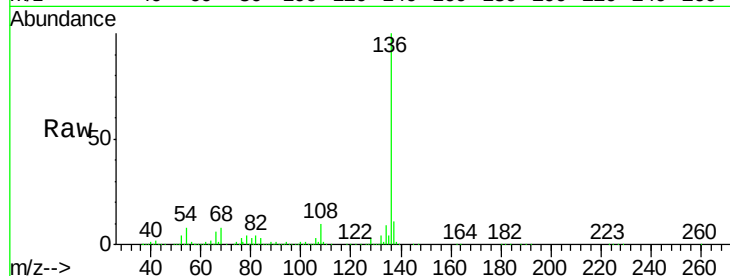




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

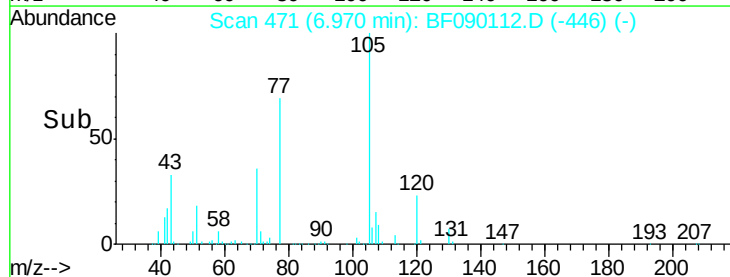
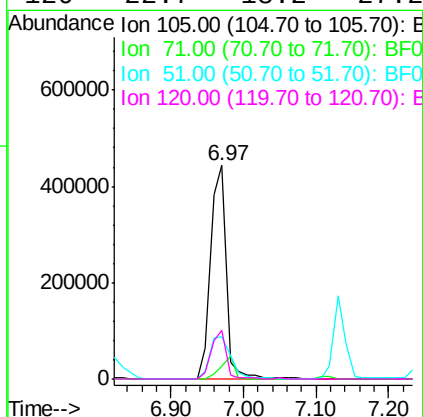
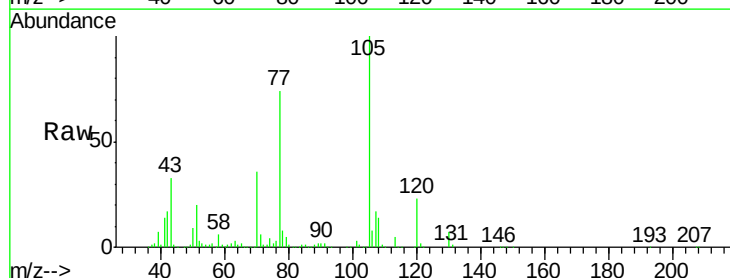
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

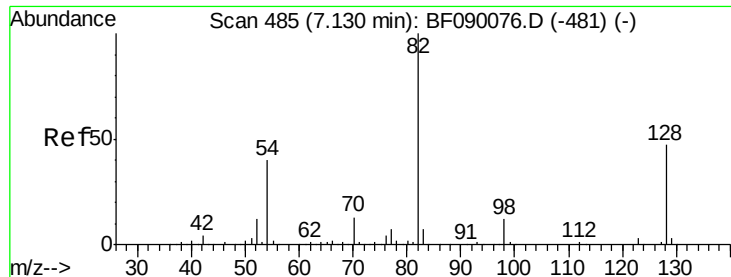
Tgt Ion:	136	Resp:	631982
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.4	6.4	9.6
68	8.3	6.3	9.5



#22
Acetophenone
Concen: 43.59 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:	105	Resp:	666801
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.1	6.1
51	19.8	16.2	24.2
120	22.7	18.2	27.2

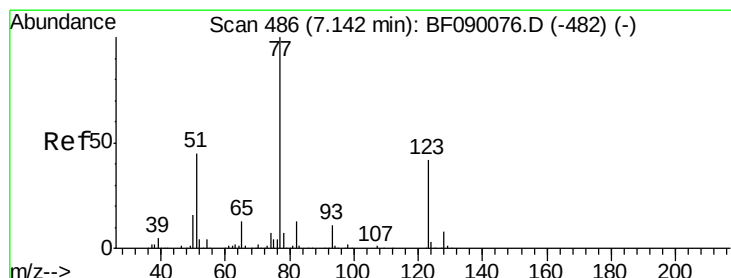
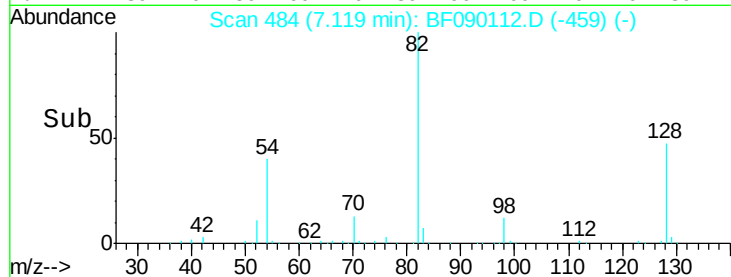
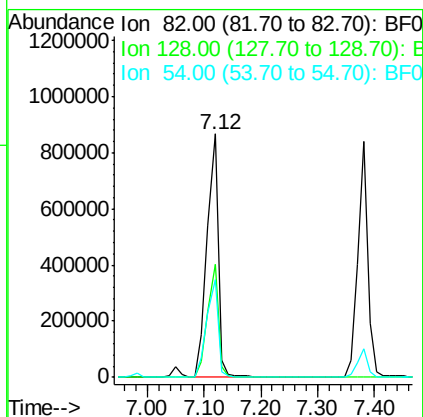
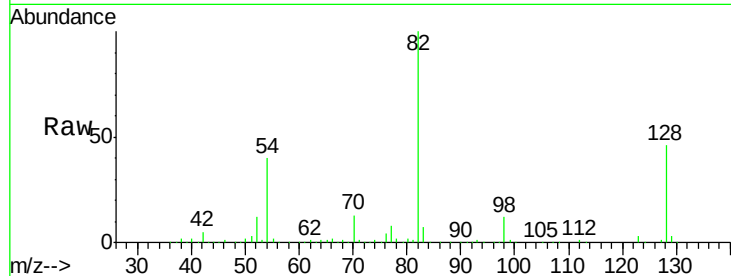




#23
 Nitrobenzene-d5
 Concen: 102.46 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

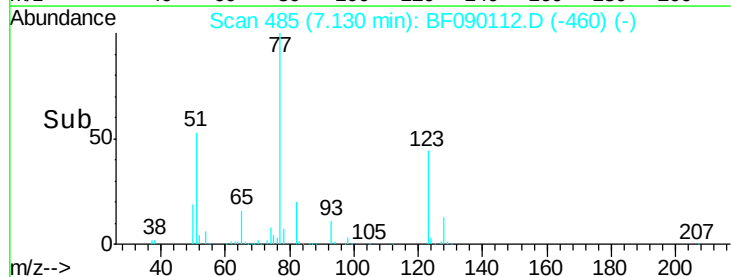
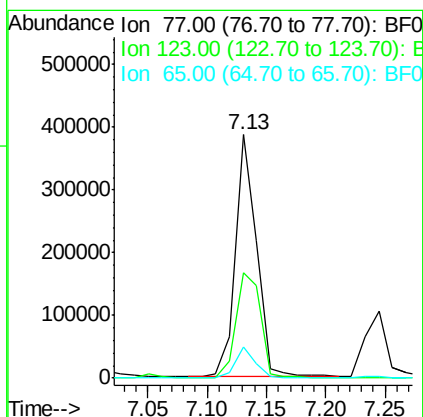
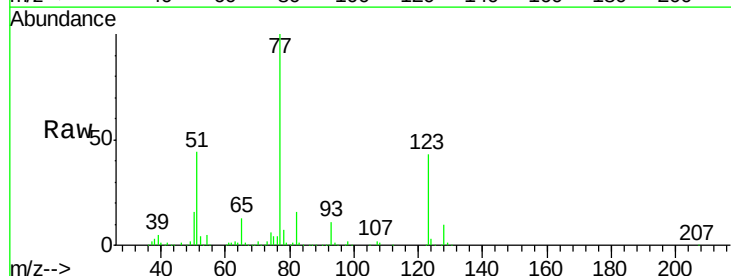
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

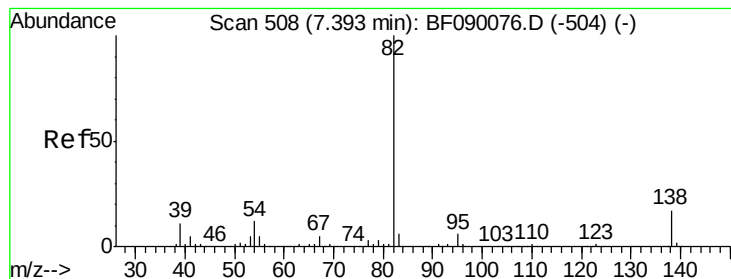
Tgt Ion: 82 Resp: 1151706
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.5 56.3
 54 40.3 31.9 47.9



#24
 Nitrobenzene
 Concen: 40.58 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion: 77 Resp: 480464
 Ion Ratio Lower Upper
 77 100
 123 43.3 33.4 50.2
 65 12.6 10.1 15.1





#25

Isophorone

Concen: 44.41 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

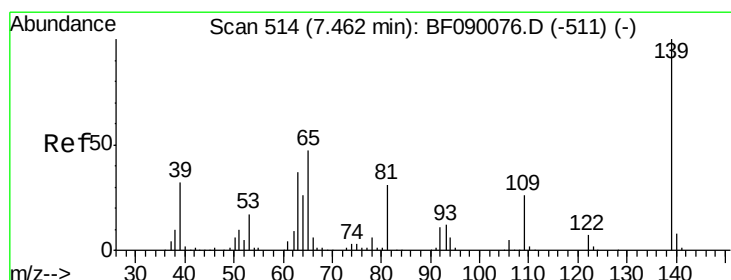
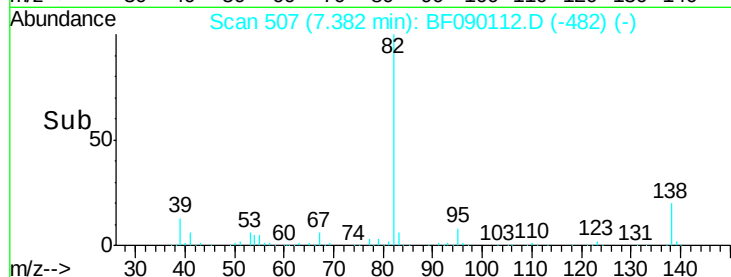
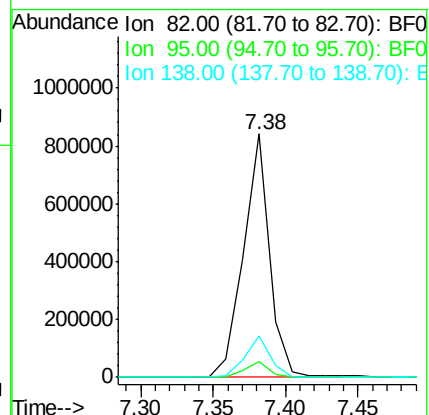
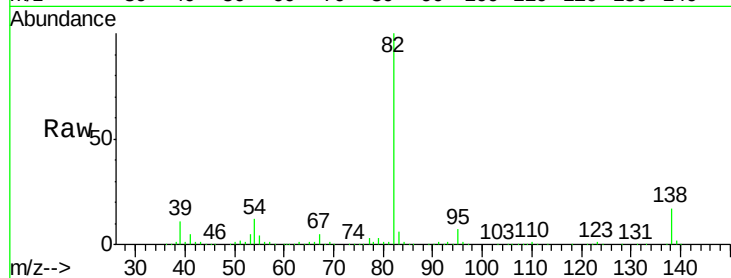
Tgt Ion: 82 Resp: 1045173

Ion Ratio Lower Upper

82 100

95 6.5 5.1 7.7

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 46.51 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

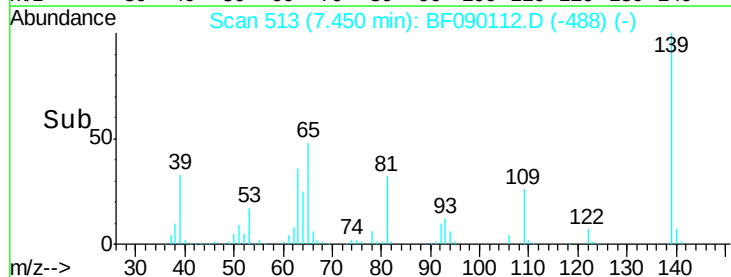
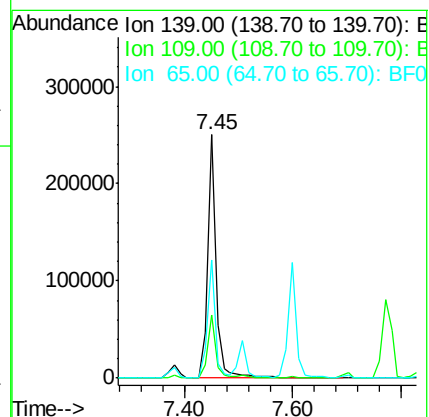
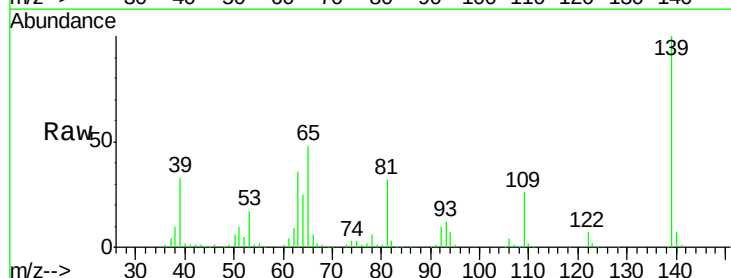
Tgt Ion: 139 Resp: 267003

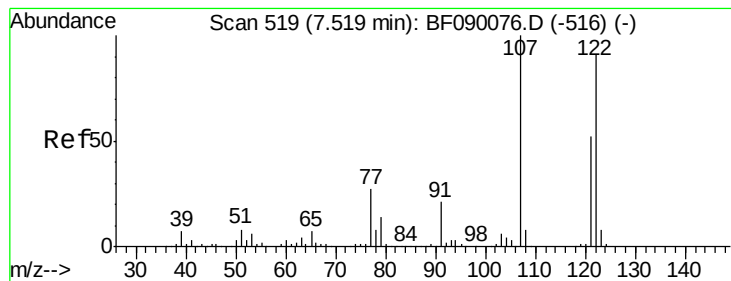
Ion Ratio Lower Upper

139 100

109 25.8 20.5 30.7

65 48.4 37.9 56.9

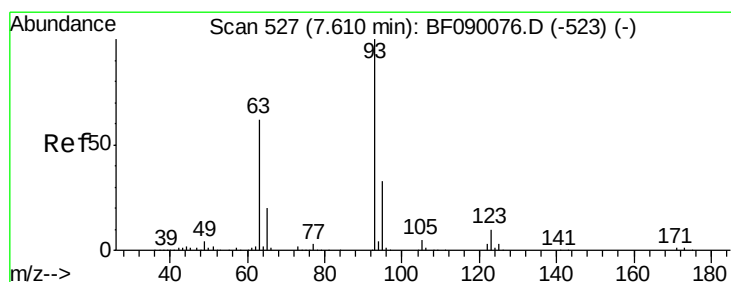
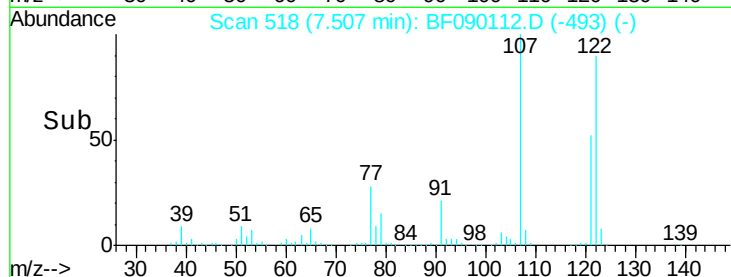
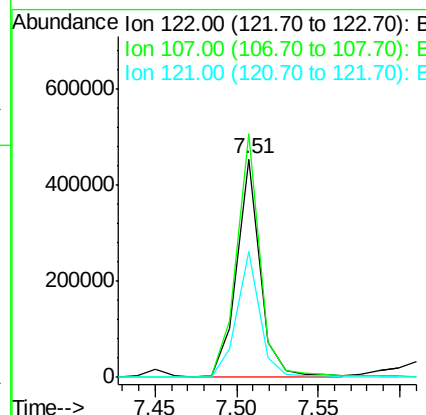
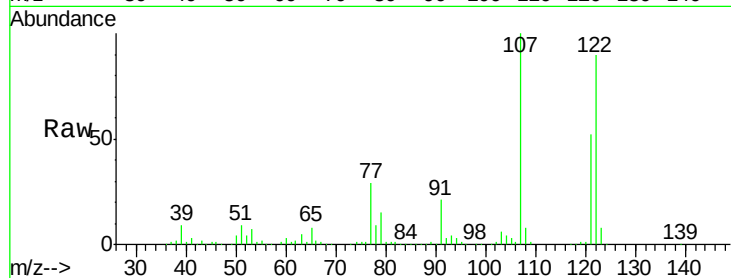




#27
 2,4-Dimethylphenol
 Concen: 44.85 ng
 RT: 7.51 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

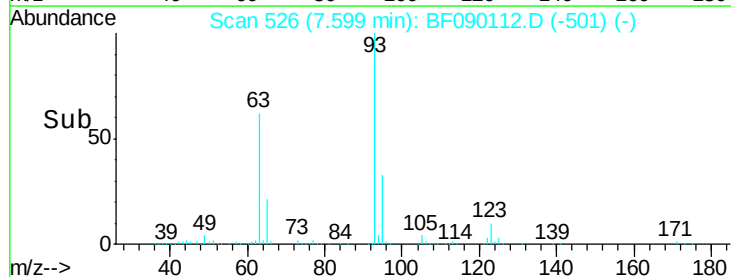
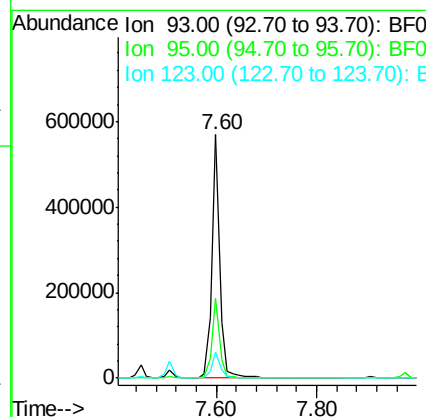
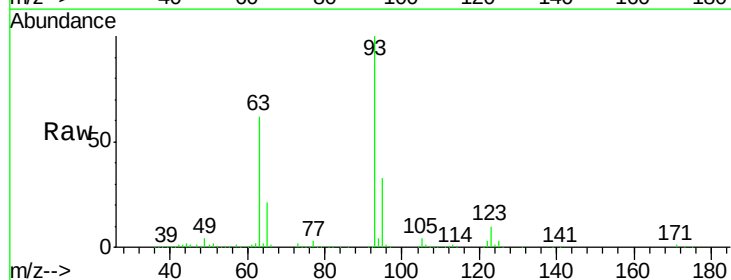
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

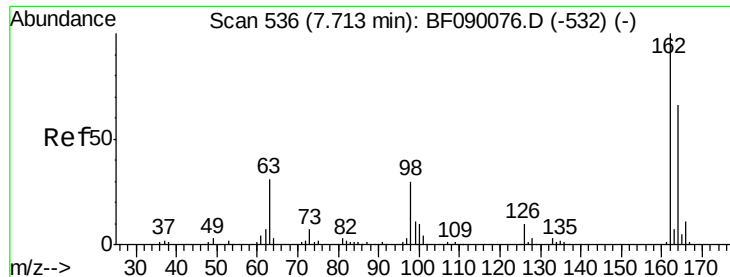
Tgt Ion: 122 Resp: 453033
 Ion Ratio Lower Upper
 122 100
 107 111.6 87.8 131.6
 121 57.8 45.7 68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.74 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion: 93 Resp: 617606
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.8 40.2
 123 10.4 8.5 12.7

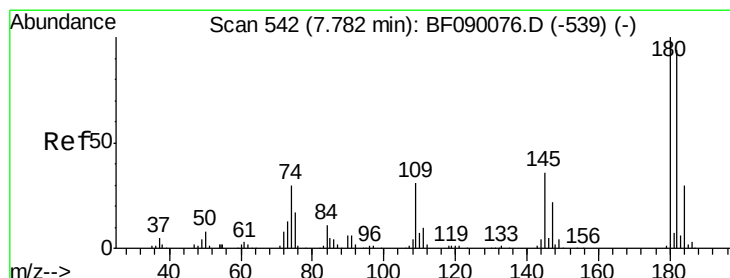
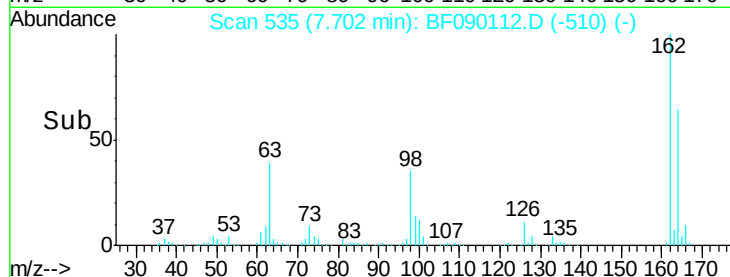
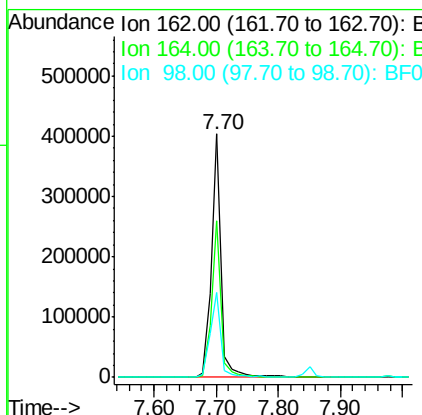
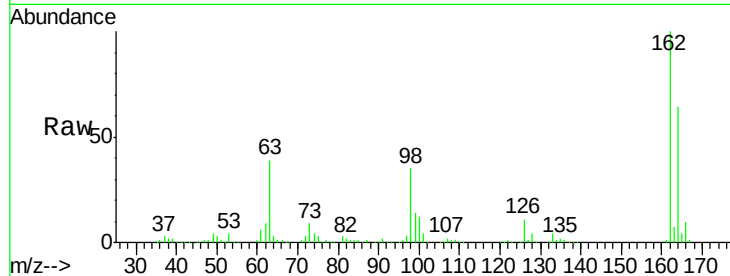




#29
2,4-Dichlorophenol
Concen: 48.23 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

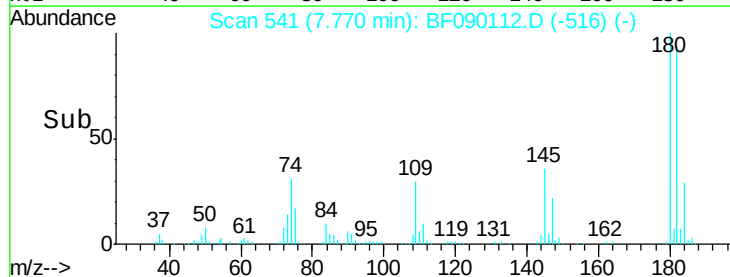
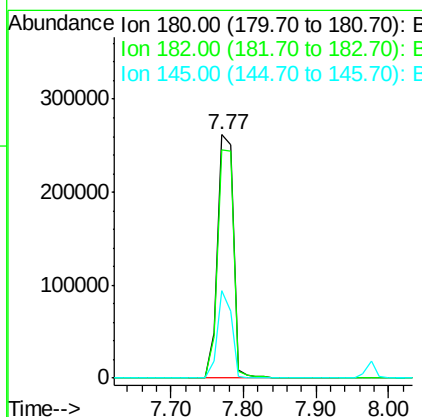
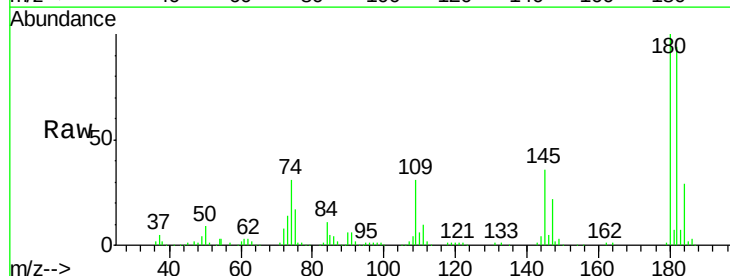
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

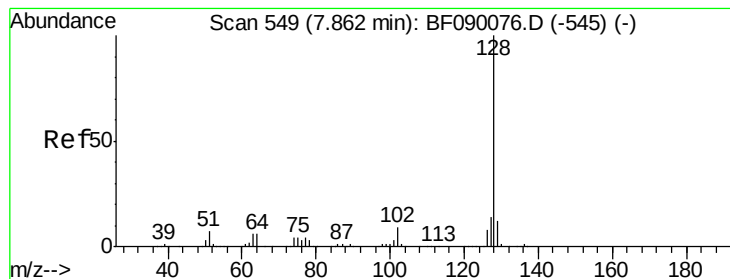
Tgt Ion:162 Resp: 430322
Ion Ratio Lower Upper
162 100
164 64.5 46.2 86.2
98 35.1 10.4 50.4



#30
1,2,4-Trichlorobenzene
Concen: 45.28 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:180 Resp: 398538
Ion Ratio Lower Upper
180 100
182 93.9 75.0 112.6
145 35.8 28.6 42.8





#31

Naphthalene

Concen: 44.05 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

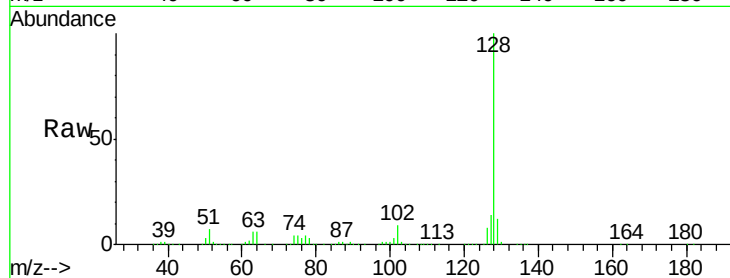
Tgt Ion:128 Resp: 1368324

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

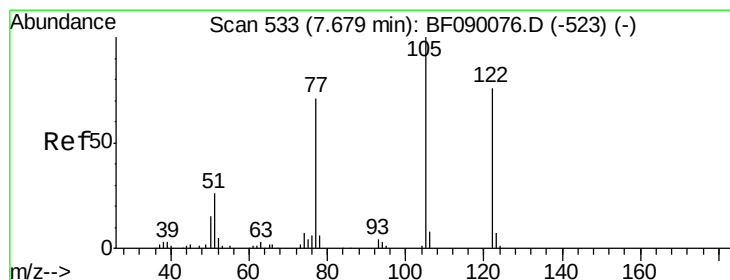
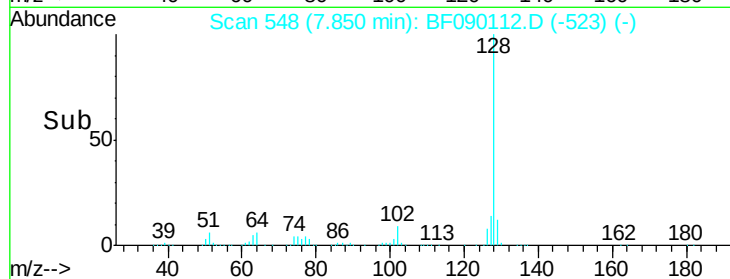
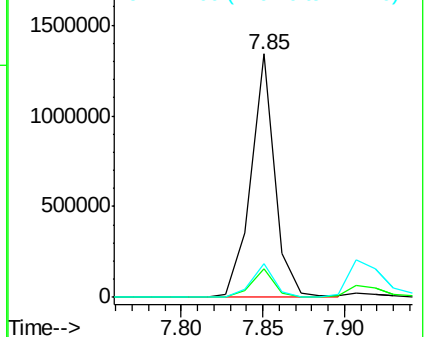
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.46 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.07 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

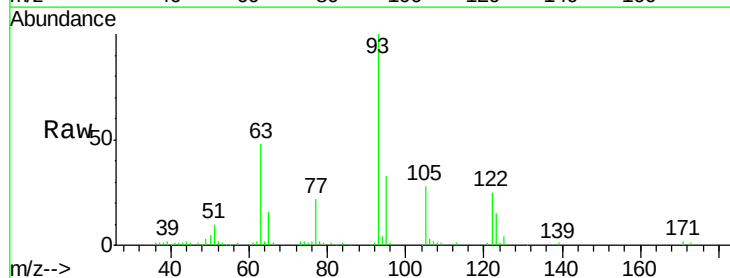
Tgt Ion:122 Resp: 68620

Ion Ratio Lower Upper

122 100

105 115.7 105.0 145.0

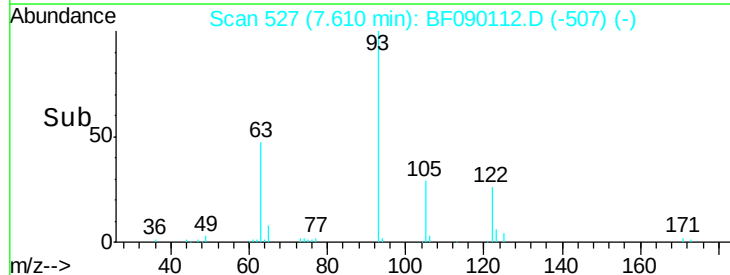
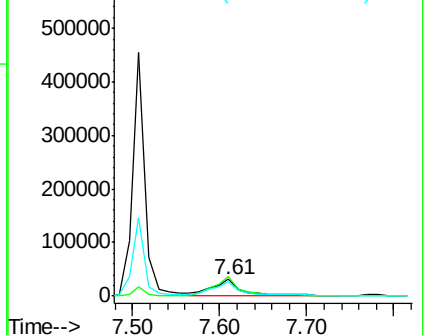
77 88.2 70.4 110.4

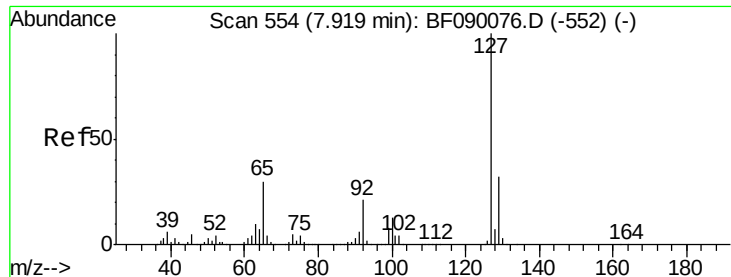


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

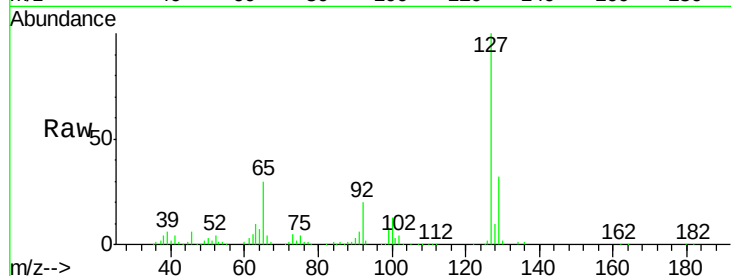




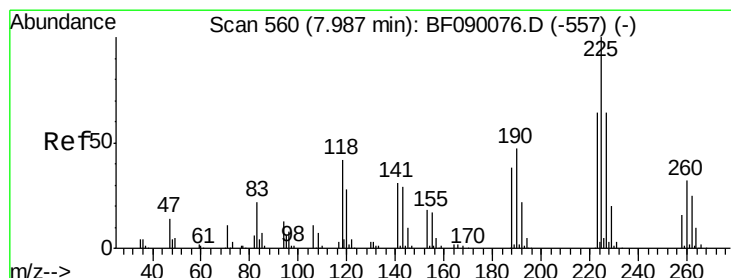
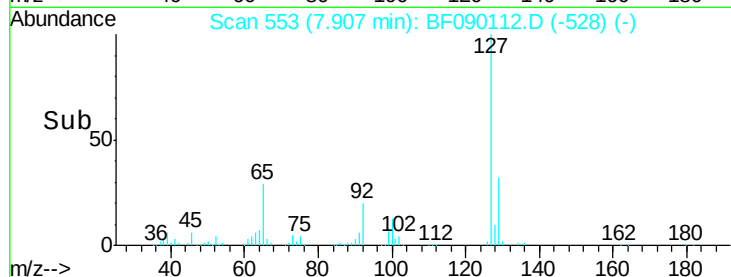
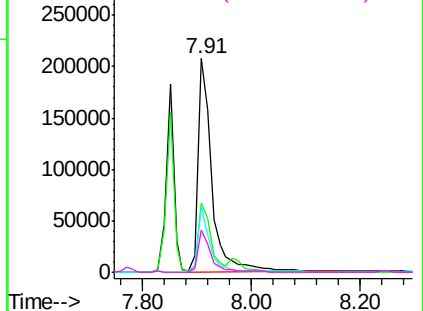
#33
4-Chloroaniline
Concen: 27.09 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

Tgt Ion:	127	Resp:	358105
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	30.5	24.1	36.1
92	19.6	16.3	24.5

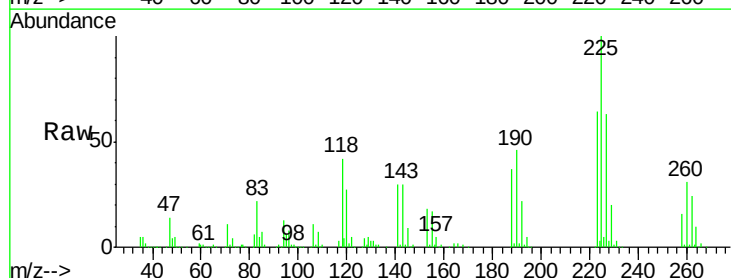


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

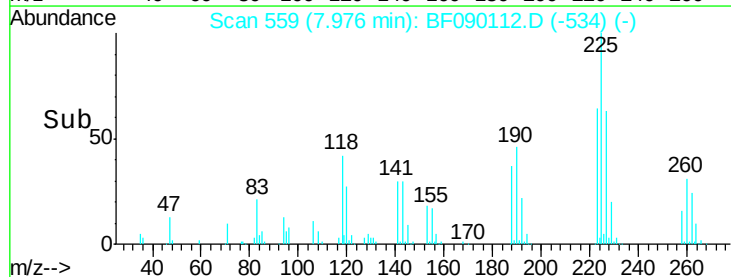
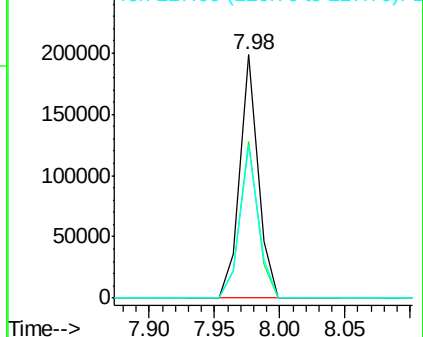


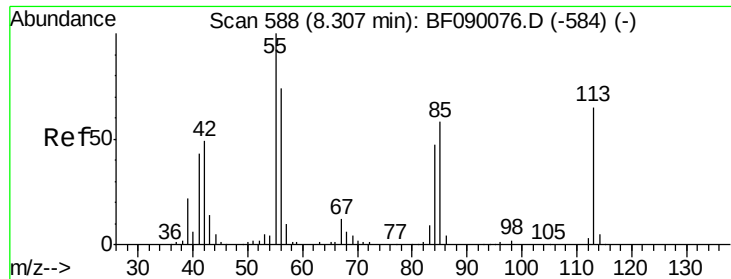
#34
Hexachlorobutadiene
Concen: 43.06 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:	225	Resp:	194079
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.3	76.9
227	62.7	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

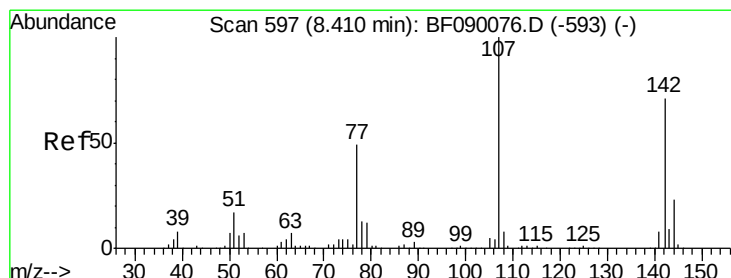
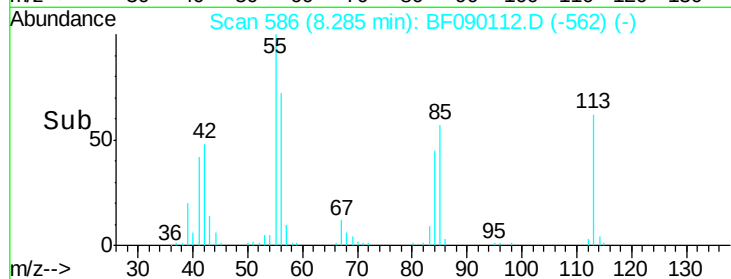
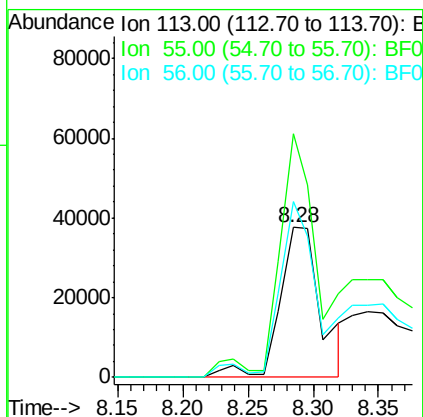
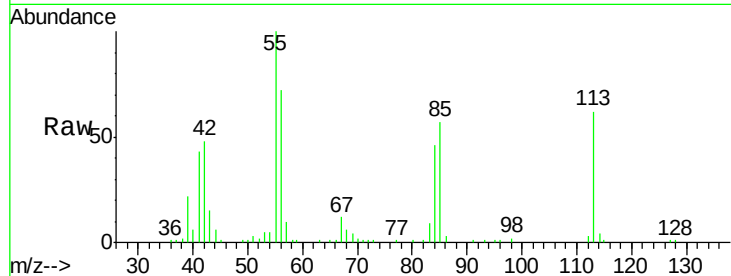




#35
 Caprolactam
 Concen: 27.70 ng
 RT: 8.28 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

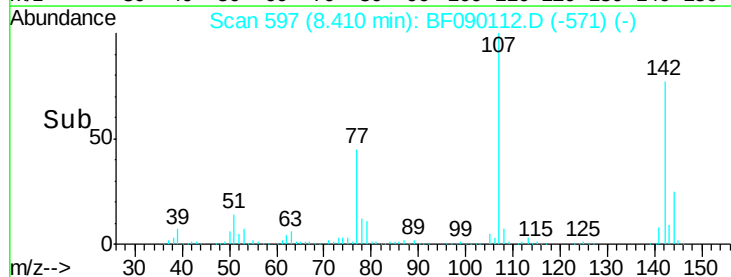
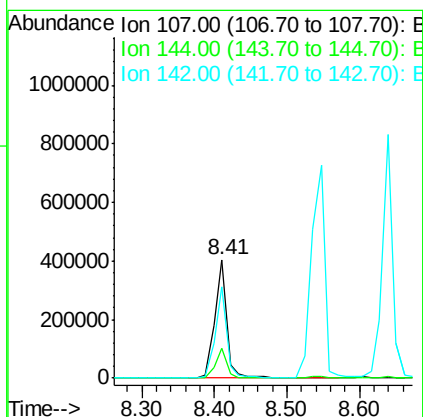
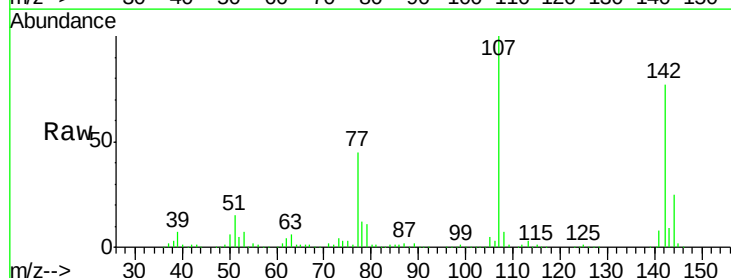
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

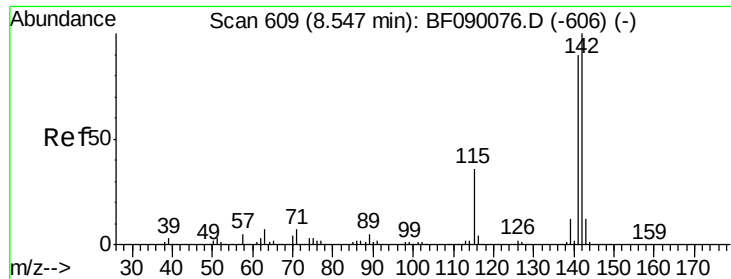
Tgt Ion:113 Resp: 82549
 Ion Ratio Lower Upper
 113 100
 55 162.5 134.5 174.5
 56 117.6 93.7 133.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.70 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion:107 Resp: 473353
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.6 27.8
 142 76.7 57.0 85.6

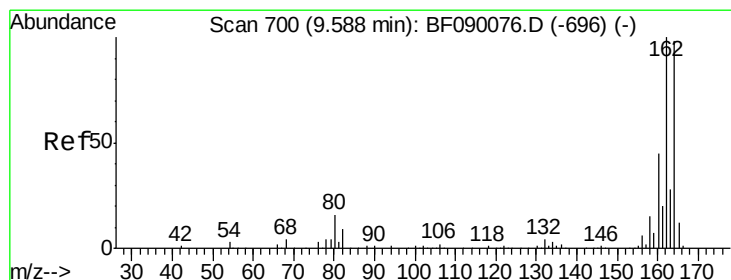
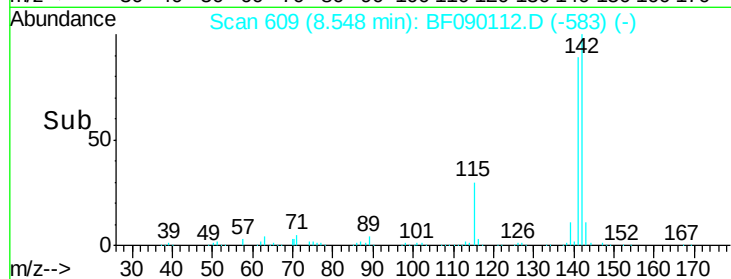
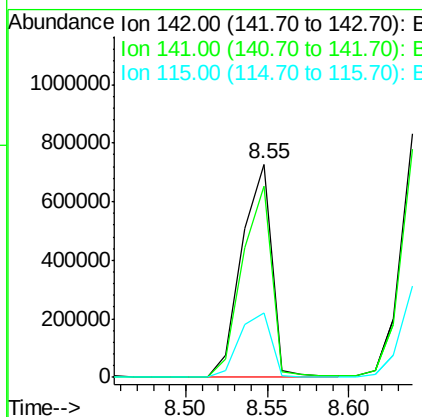
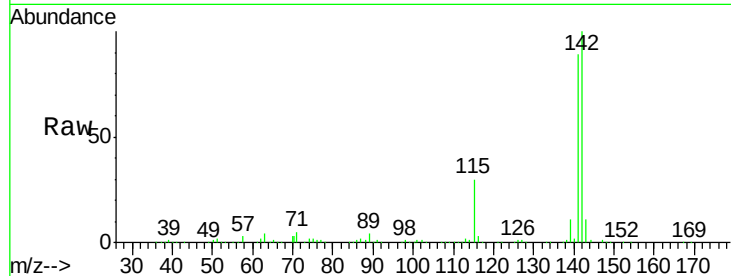




#37
 2-Methylnaphthalene
 Concen: 48.15 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

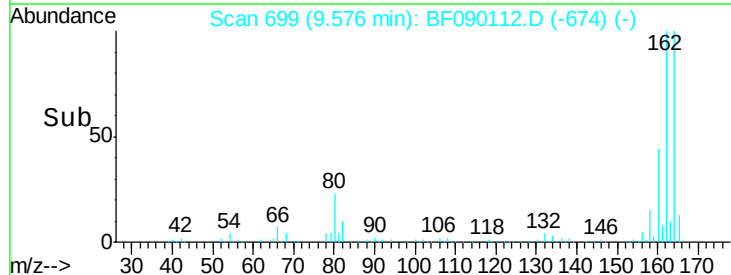
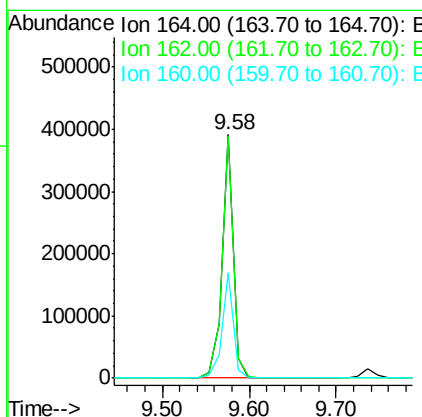
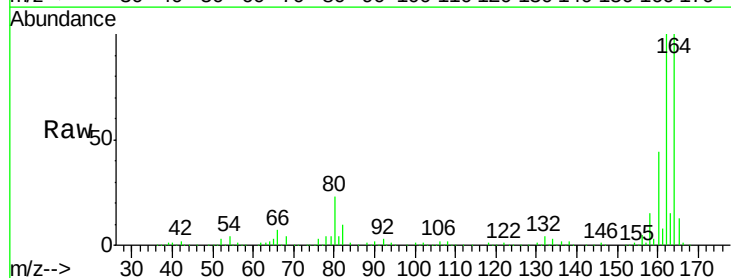
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

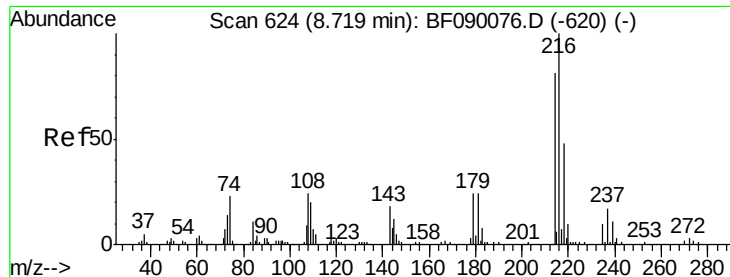
Tgt Ion:142 Resp: 927695
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 30.0 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion:164 Resp: 359778
 Ion Ratio Lower Upper
 164 100
 162 99.6 81.4 122.2
 160 43.5 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.09 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

Tgt Ion:216 Resp: 278387

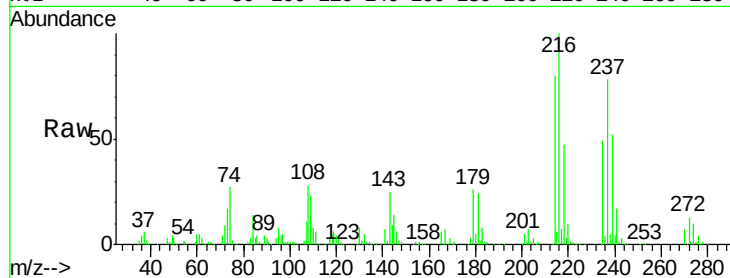
Ion Ratio Lower Upper

216 100

214 78.1 63.7 95.5

179 22.0 18.5 27.7

108 26.0 19.5 29.3

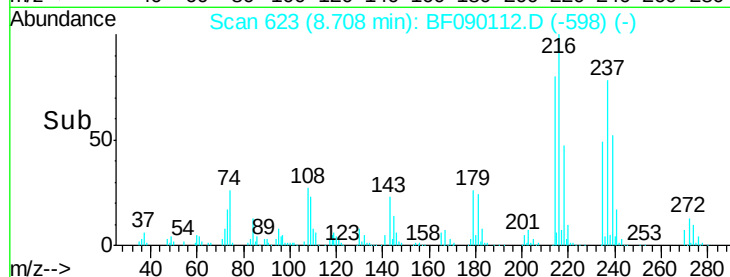


Abundance Ion 216.00 (215.70 to 216.70): E

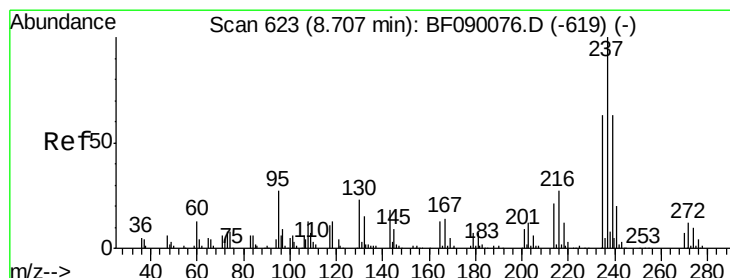
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 68.63 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

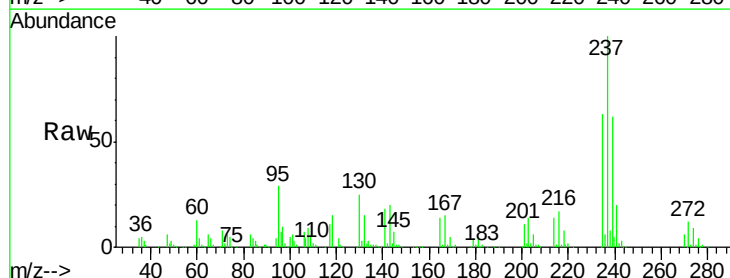
Tgt Ion:237 Resp: 329962

Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

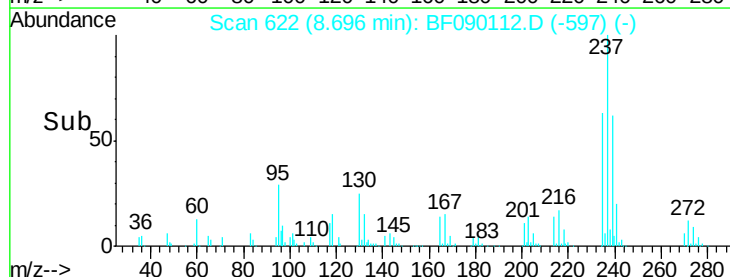
272 12.4 0.0 32.0



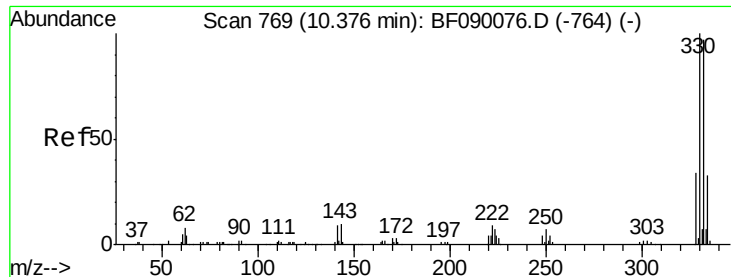
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



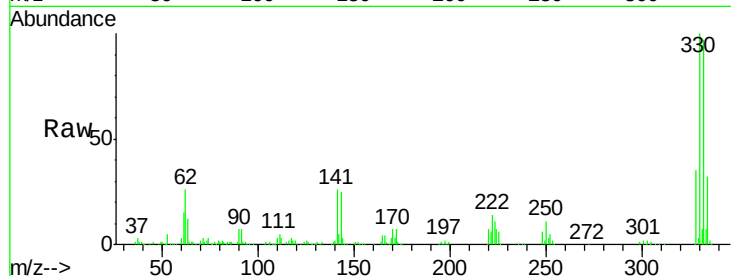
Time-->



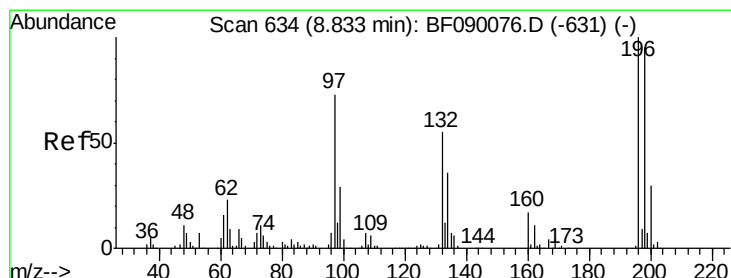
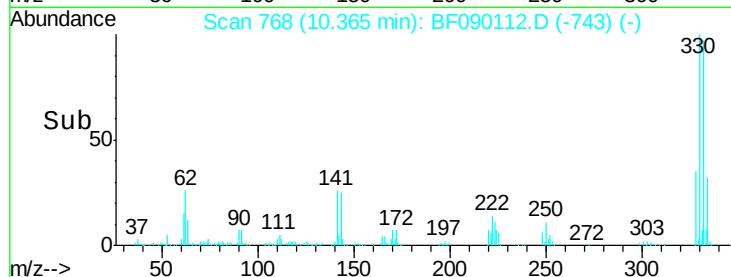
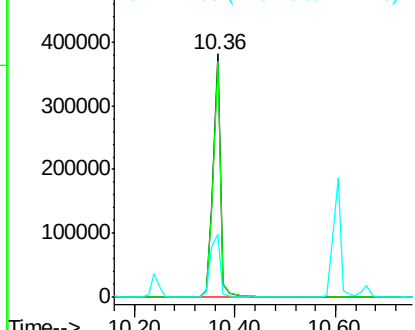
#41
 2,4,6-Tribromophenol
 Concen: 110.25 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

Tgt Ion:330 Resp: 398427
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.1 117.1
 141 33.6 23.9 35.9

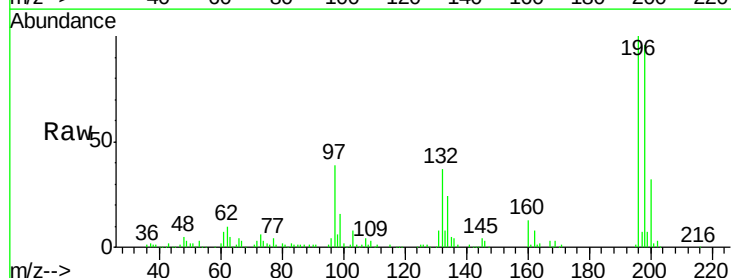


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

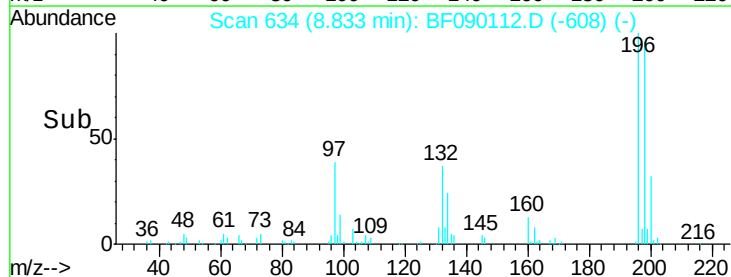
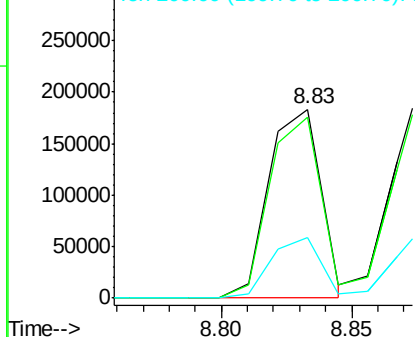


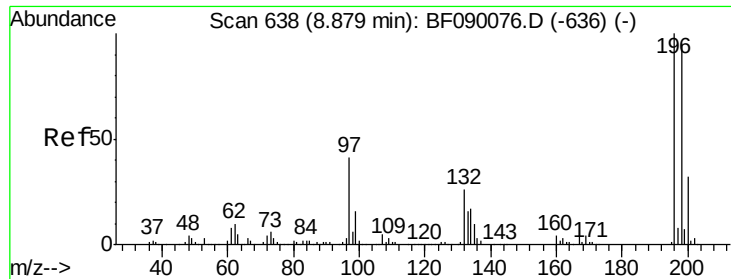
#42
 2,4,6-Trichlorophenol
 Concen: 38.00 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion:196 Resp: 254794
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.3 114.5
 200 31.9 24.1 36.1



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

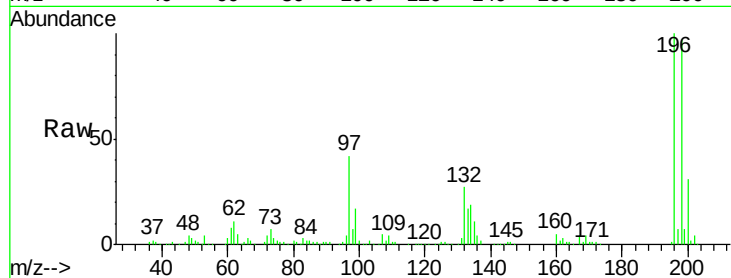




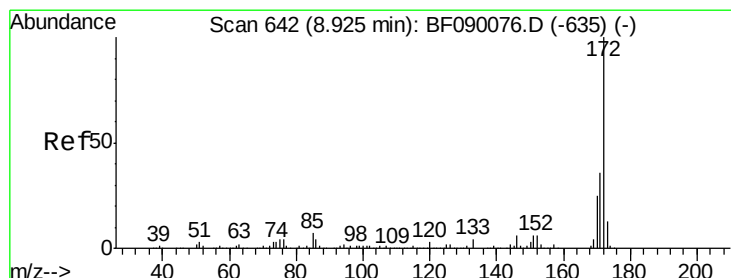
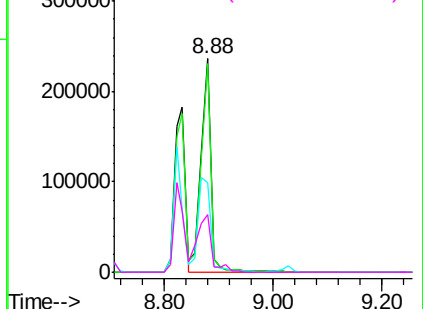
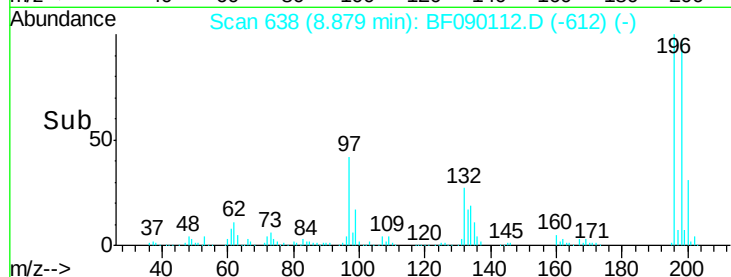
#43
 2,4,5-Trichlorophenol
 Concen: 40.76 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	114.8
97	42.0	34.4	51.6
132	27.2	22.2	33.2

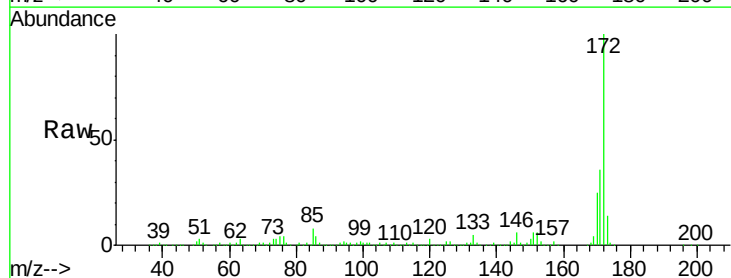


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

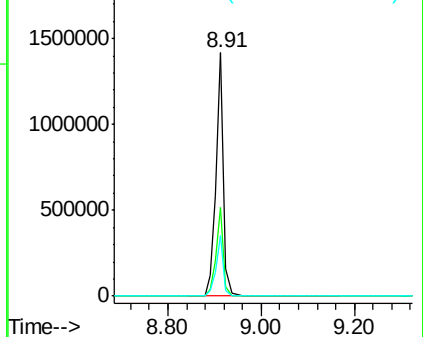
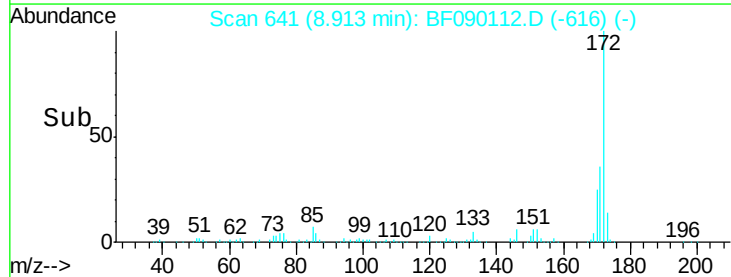


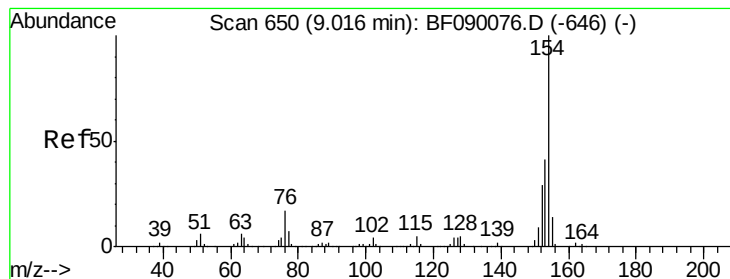
#44
 2-Fluorobiphenyl
 Concen: 69.91 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	25.0	19.8	29.8



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: 31.76 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

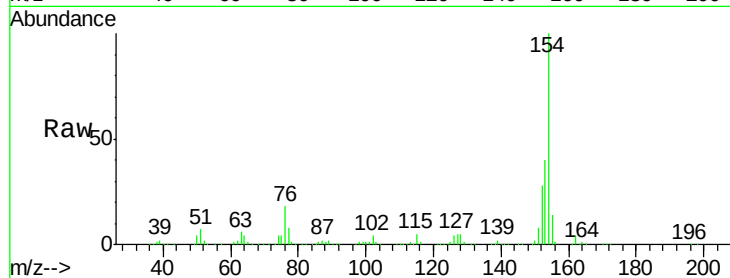
Tgt Ion:154 Resp: 934958

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

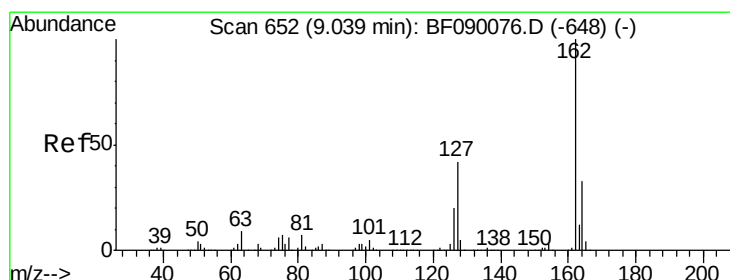
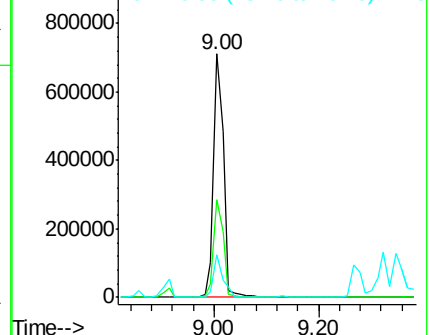
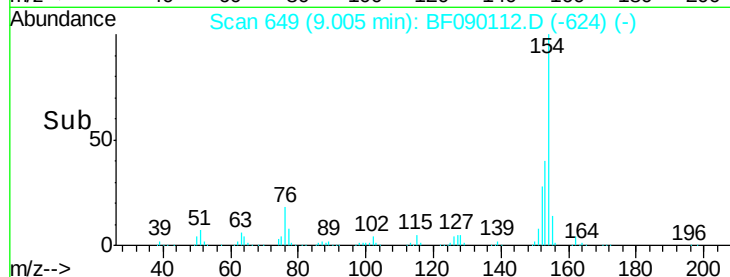
76 17.8 0.0 36.7



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: 36.66 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

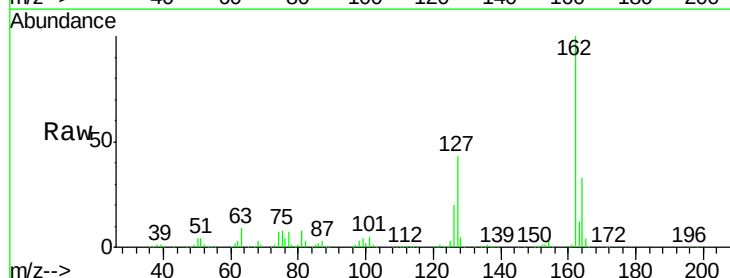
Tgt Ion:162 Resp: 799835

Ion Ratio Lower Upper

162 100

127 43.4 34.0 51.0

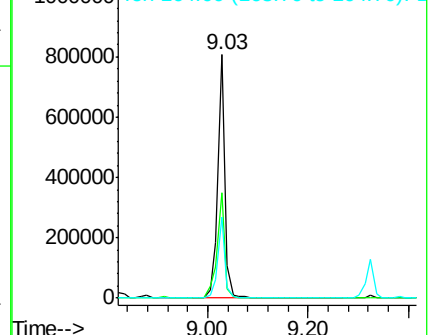
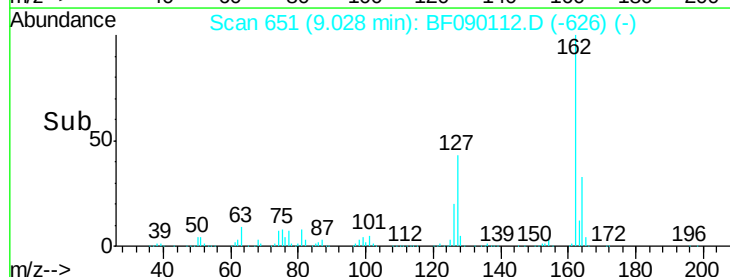
164 33.3 26.8 40.2

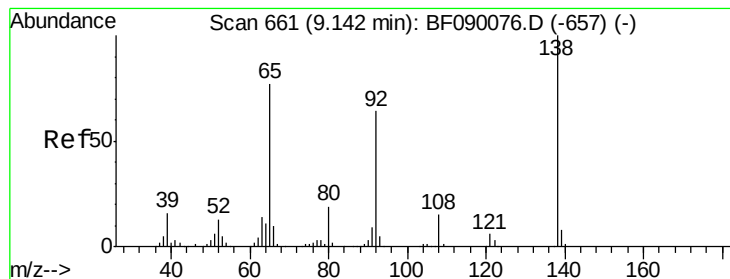


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.17 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

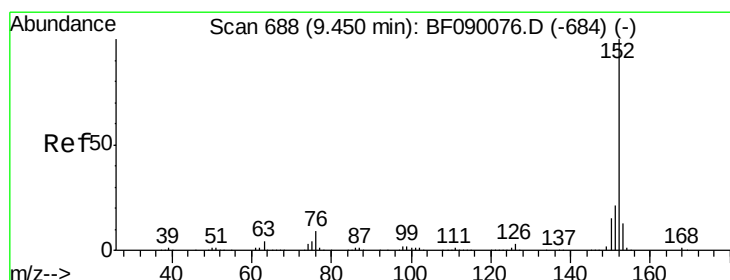
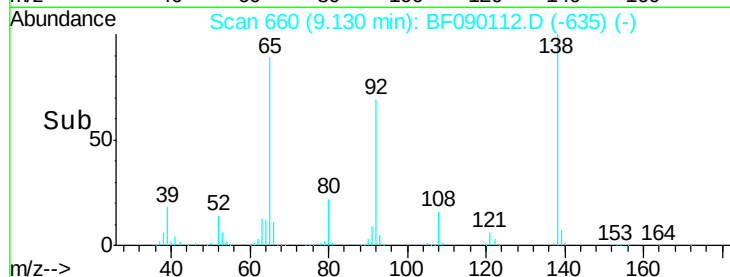
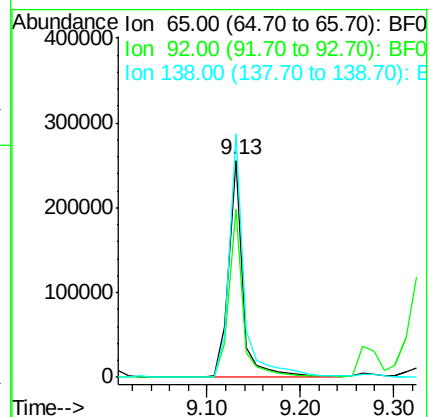
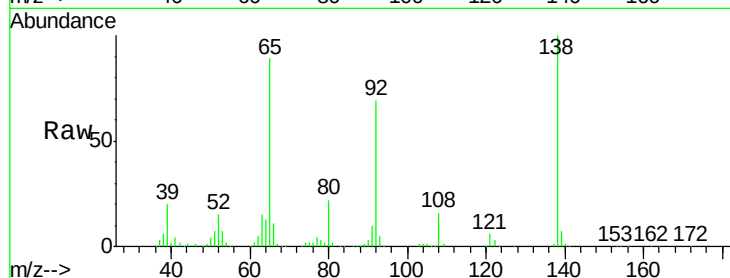
Tgt Ion: 65 Resp: 272789

Ion Ratio Lower Upper

65 100

92 77.6 66.1 99.1

138 112.3 104.1 156.1



#48

Acenaphthylene

Concen: 36.28 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

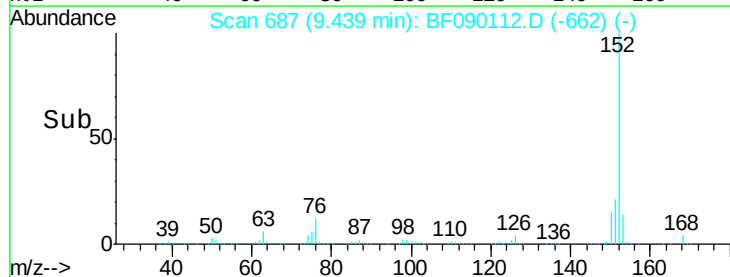
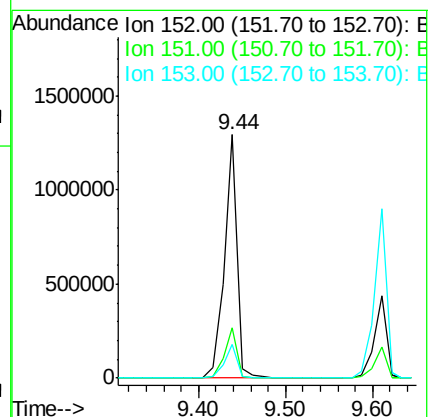
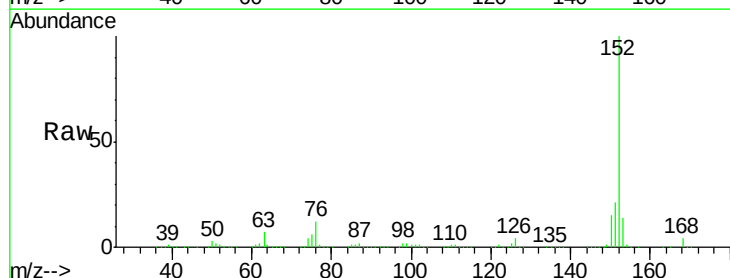
Tgt Ion: 152 Resp: 1329071

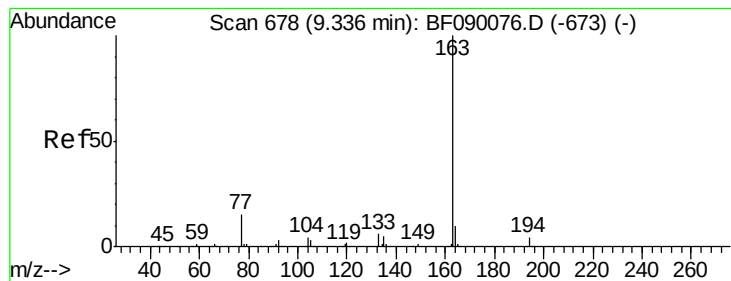
Ion Ratio Lower Upper

152 100

151 20.9 16.5 24.7

153 13.7 10.6 15.8





#49

Dimethylphthalate

Concen: 50.55 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

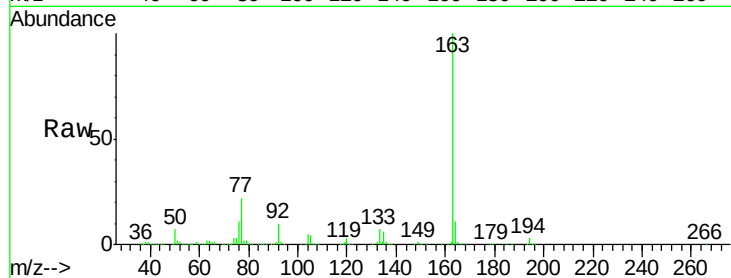
Tgt Ion:163 Resp: 1350838

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

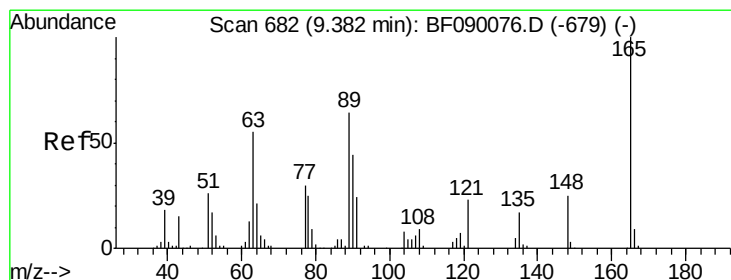
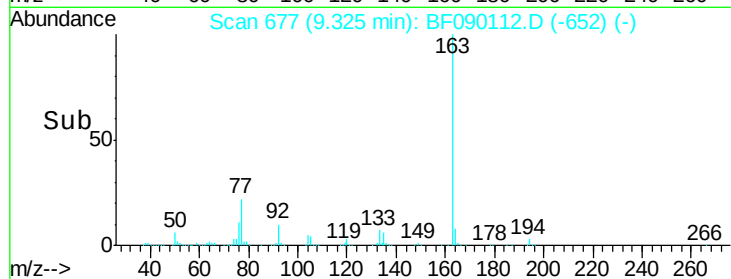
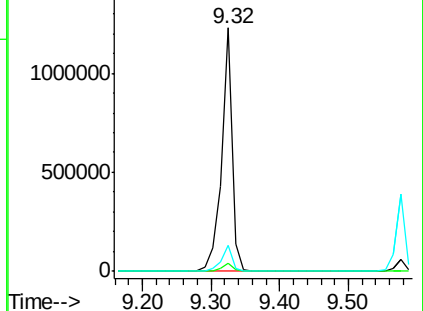
164 10.6 8.1 12.1



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: 41.06 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

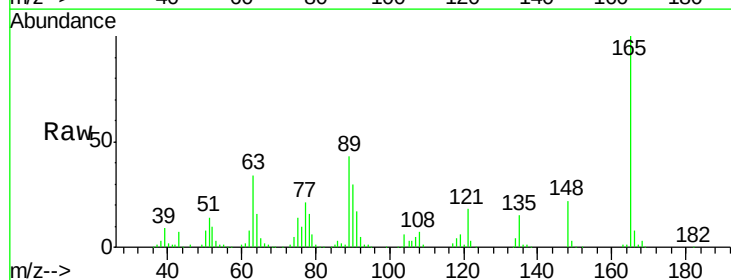
Tgt Ion:165 Resp: 245191

Ion Ratio Lower Upper

165 100

63 33.8 49.9 74.9#

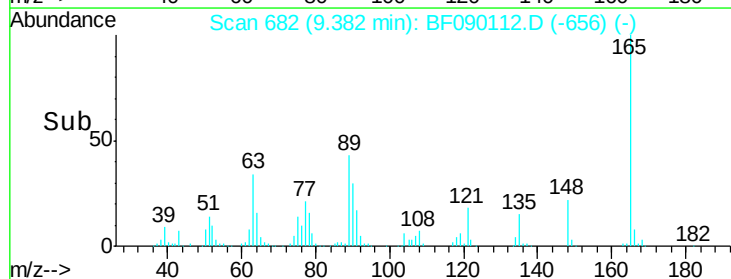
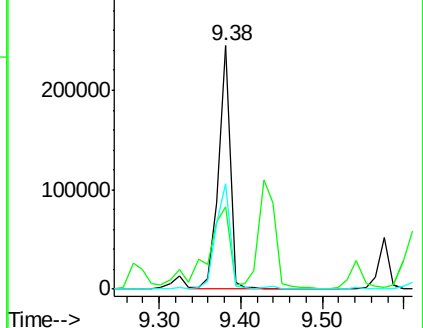
89 43.2 51.0 76.4#

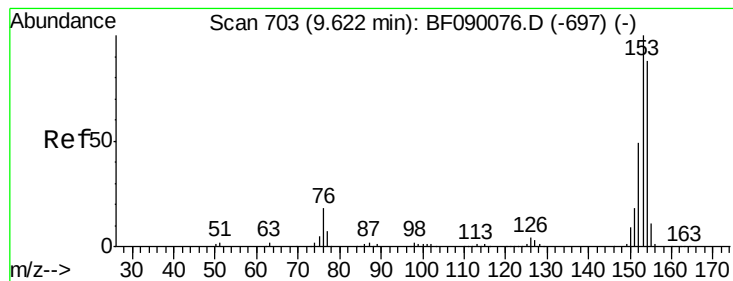


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.39 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

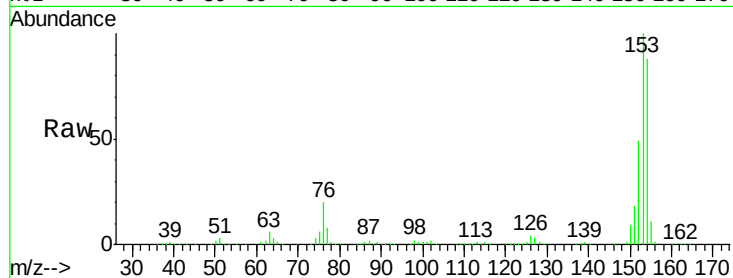
Tgt Ion:154 Resp: 765165

Ion Ratio Lower Upper

154 100

153 113.2 90.8 136.2

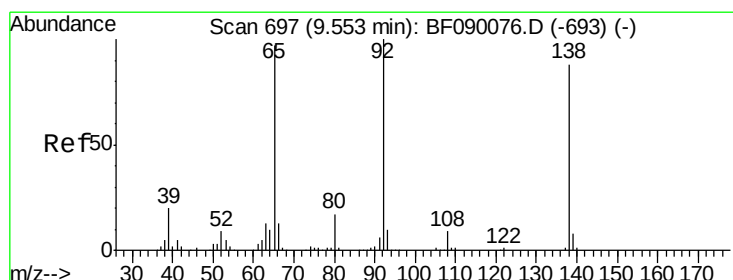
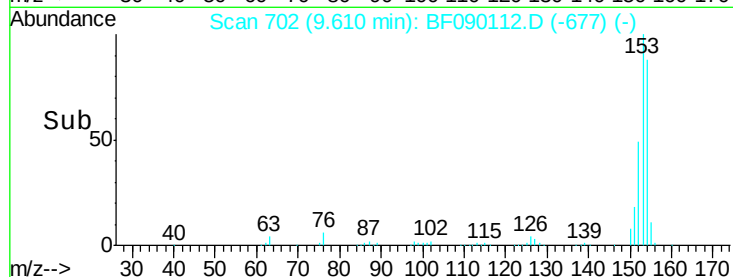
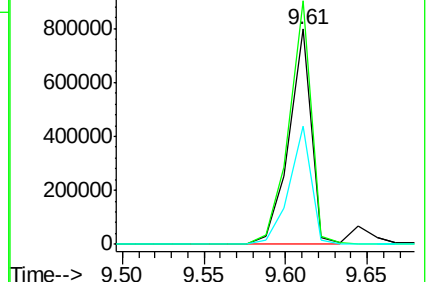
152 55.2 44.2 66.4



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: 29.93 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

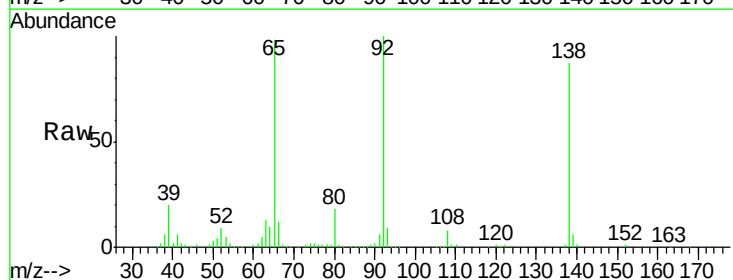
Tgt Ion:138 Resp: 217441

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

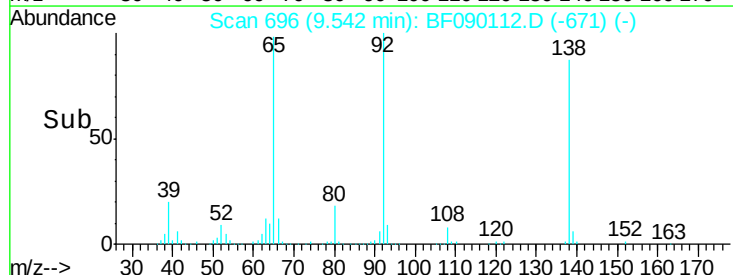
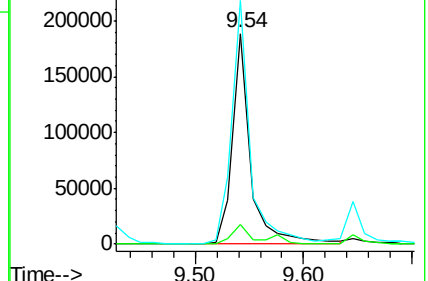
92 115.5 90.7 136.1

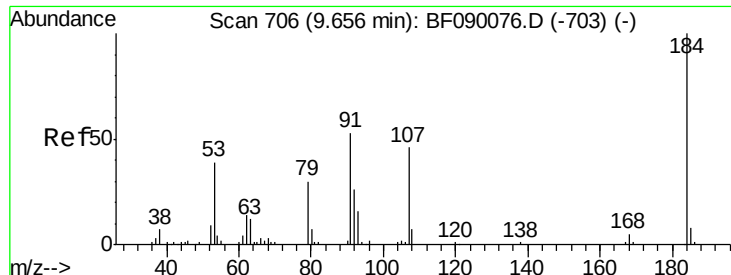


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

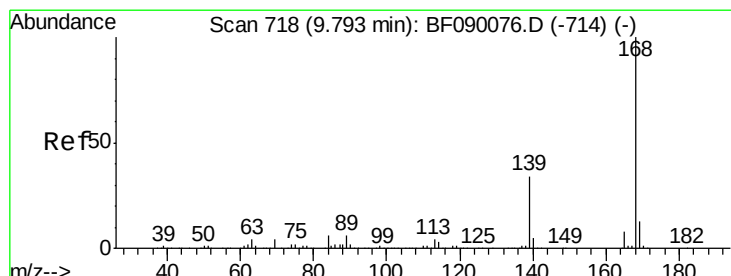
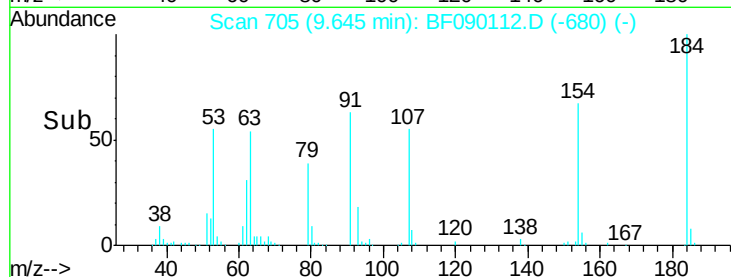
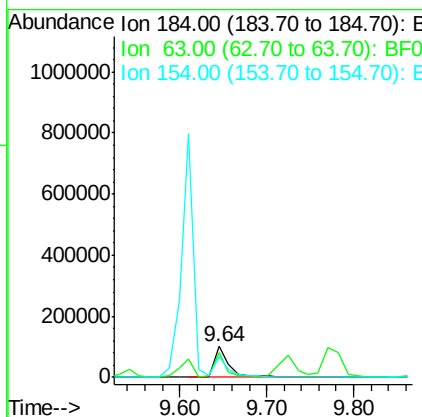
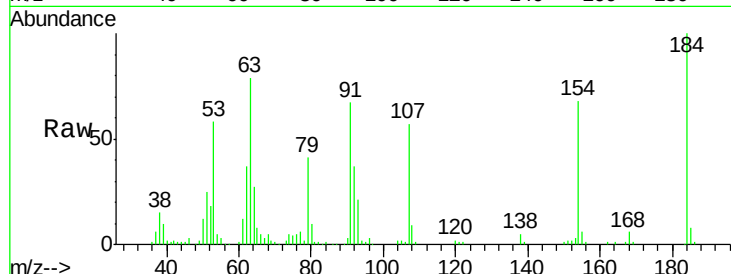




#53
 2,4-Dinitrophenol
 Concen: 38.65 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

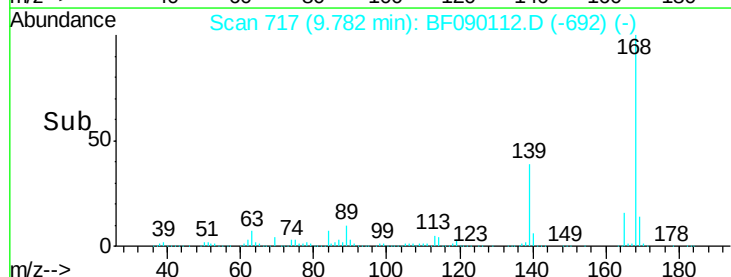
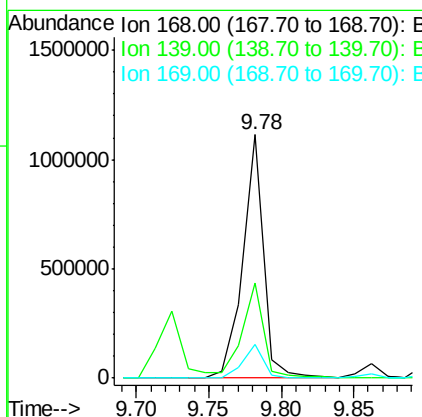
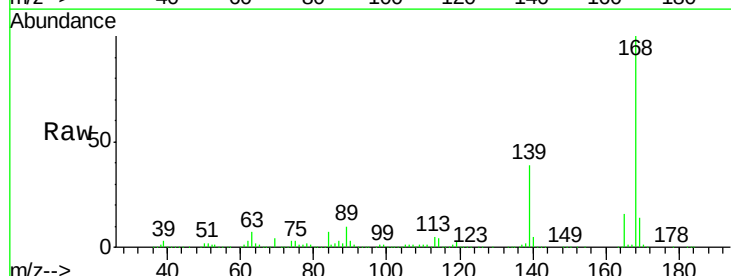
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

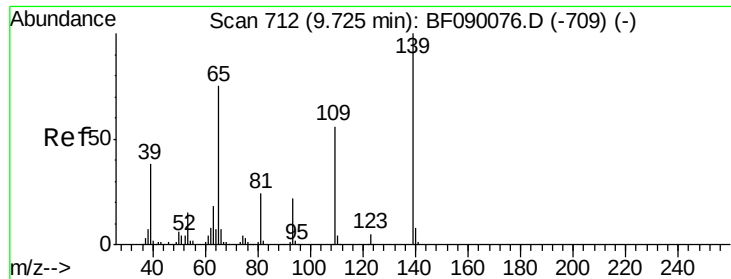
Tgt Ion:184 Resp: 125492
 Ion Ratio Lower Upper
 184 100
 63 79.1 44.6 67.0#
 154 67.6 49.7 74.5



#54
 Dibenzofuran
 Concen: 39.24 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion:168 Resp: 1110487
 Ion Ratio Lower Upper
 168 100
 139 39.3 28.8 43.2
 169 13.8 10.7 16.1

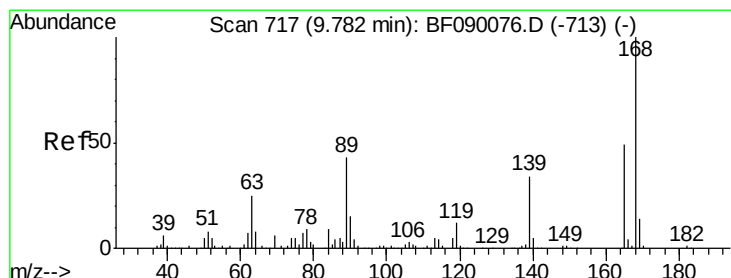
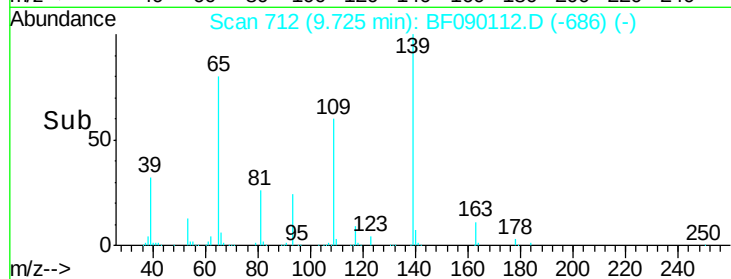
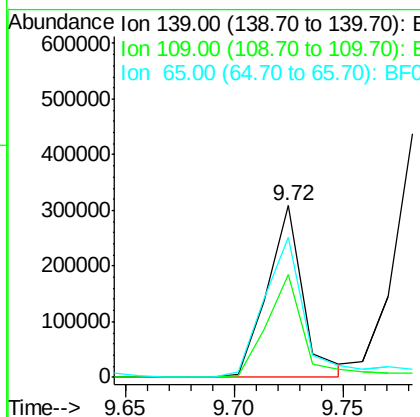
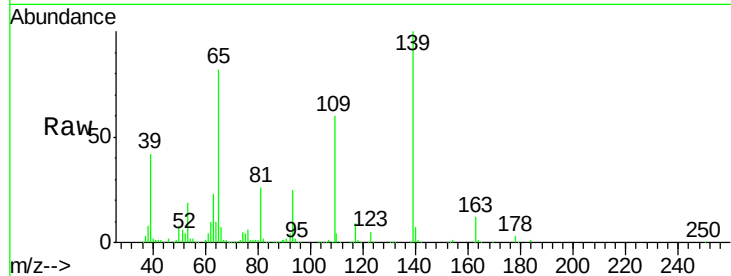




#55
4-Nitrophenol
Concen: 69.35 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

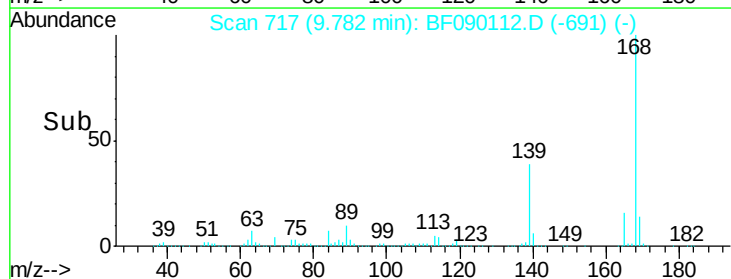
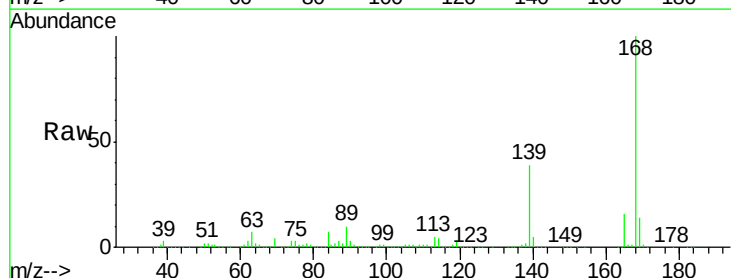
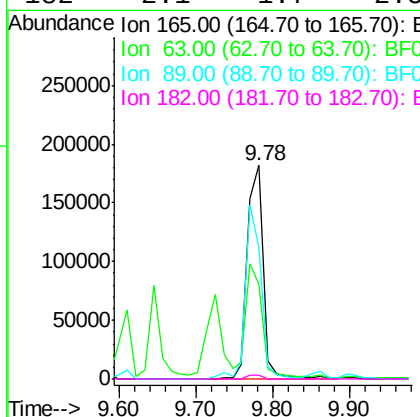
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

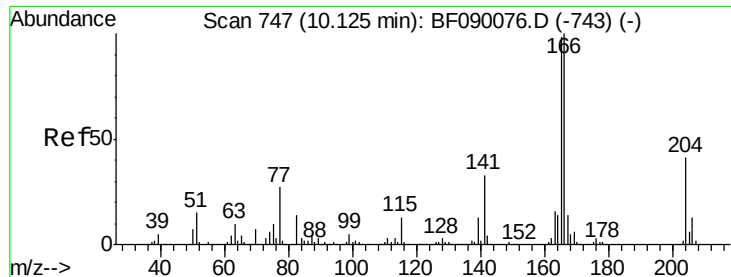
Tgt Ion:139 Resp: 354611
Ion Ratio Lower Upper
139 100
109 60.1 35.6 75.6
65 81.6 55.5 95.5



#56
2,4-Dinitrotoluene
Concen: 35.84 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:165 Resp: 260932
Ion Ratio Lower Upper
165 100
63 44.1 44.4 66.6#
89 61.9 70.1 105.1#
182 2.1 1.7 2.5





#57

Fluorene

Concen: 39.66 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

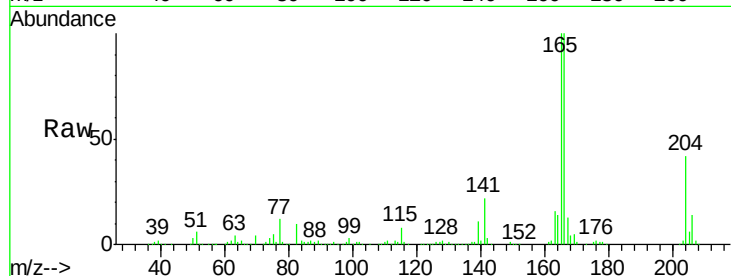
Tgt Ion:166 Resp: 848759

Ion Ratio Lower Upper

166 100

165 99.8 78.5 117.7

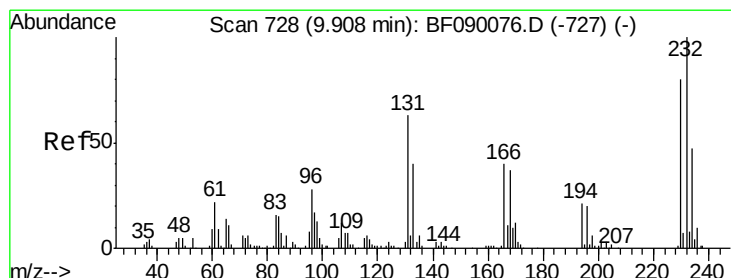
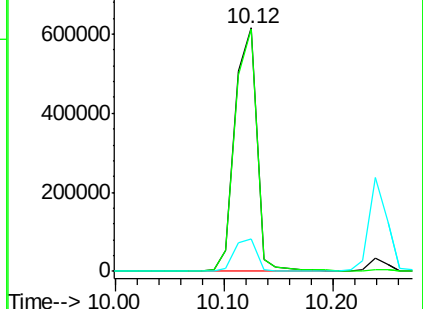
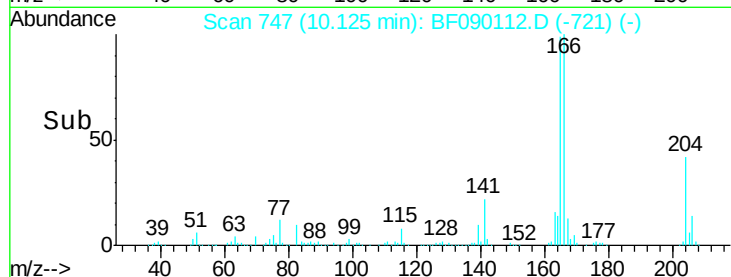
167 13.1 11.2 16.8



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: 40.13 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Tgt Ion:232 Resp: 220739

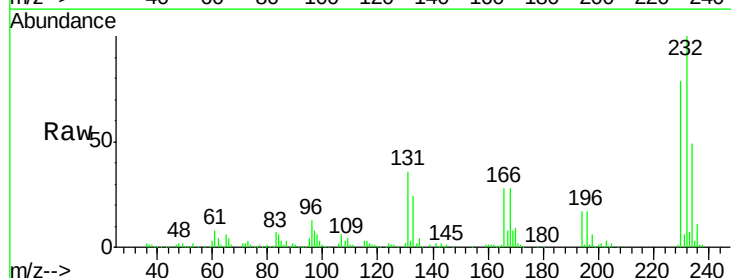
Ion Ratio Lower Upper

232 100

131 48.2 42.2 63.4

130 2.2 1.9 2.9

166 32.6 26.4 39.6

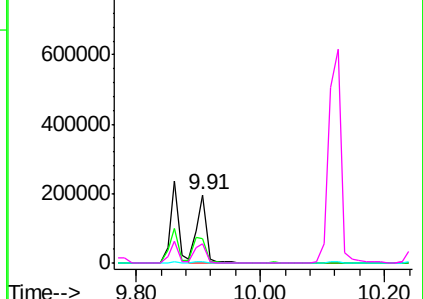
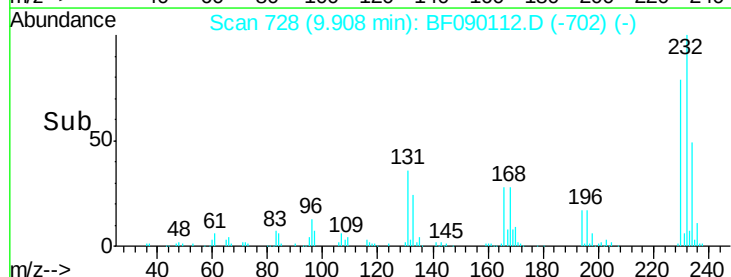


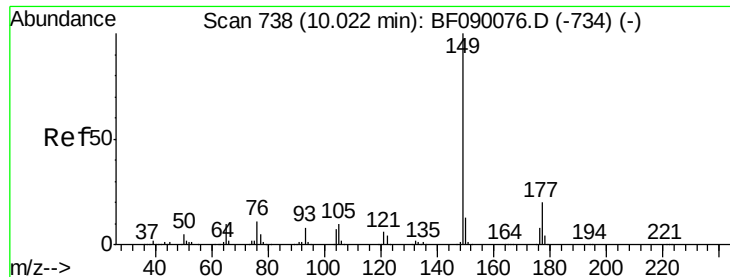
Abundance Ion 232.00 (231.70 to 232.70): E

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

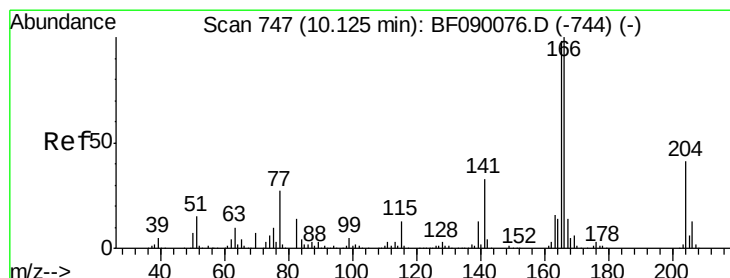
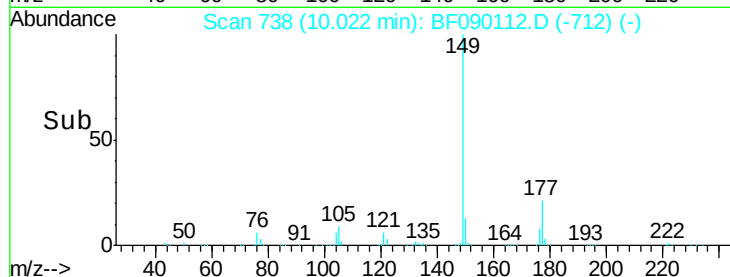
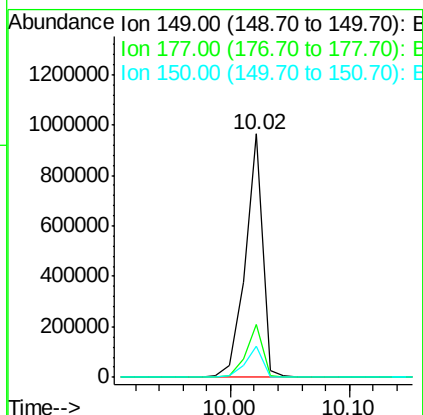
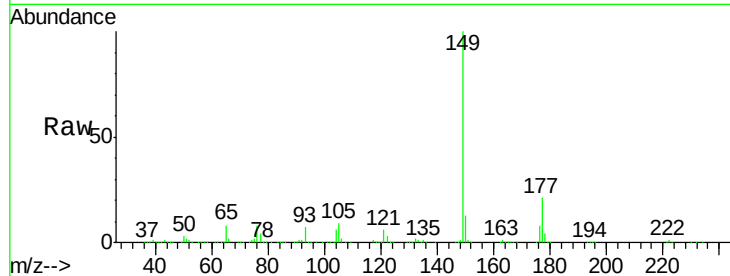




#59
Diethylphthalate
Concen: 37.97 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

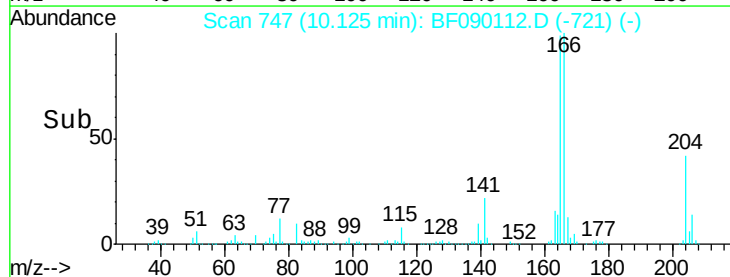
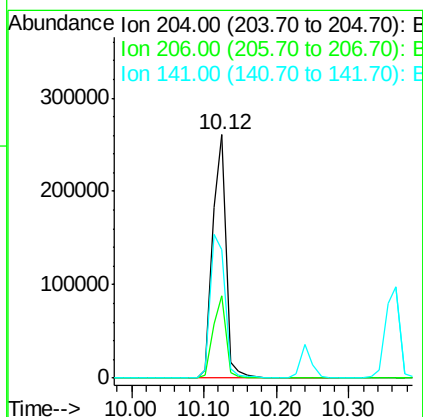
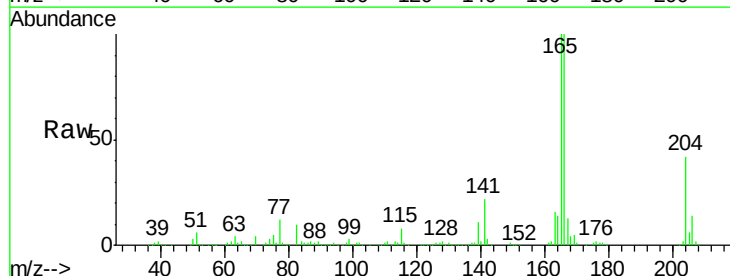
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

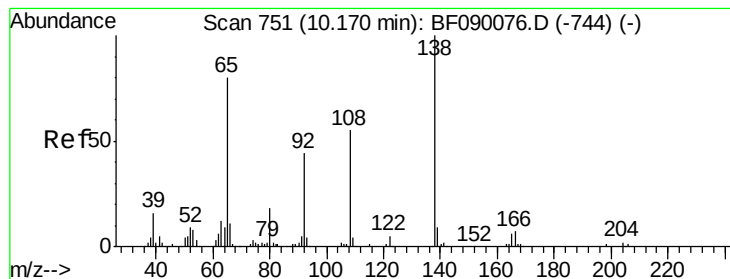
Tgt Ion:149 Resp: 982398
Ion Ratio Lower Upper
149 100
177 21.5 15.8 23.6
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 38.17 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:204 Resp: 332716
Ion Ratio Lower Upper
204 100
206 33.6 25.6 38.4
141 52.8 64.4 96.6#





#61

4-Nitroaniline

Concen: 35.18 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

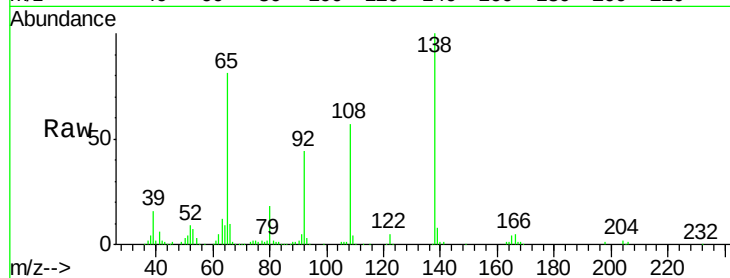
Tgt Ion:138 Resp: 258731

Ion Ratio Lower Upper

138 100

92 43.5 23.8 63.8

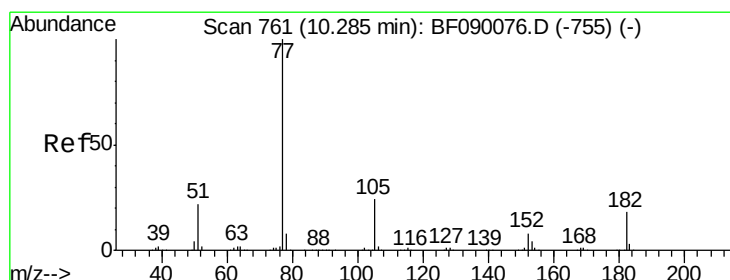
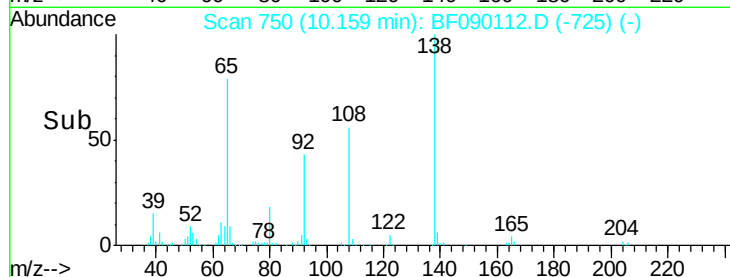
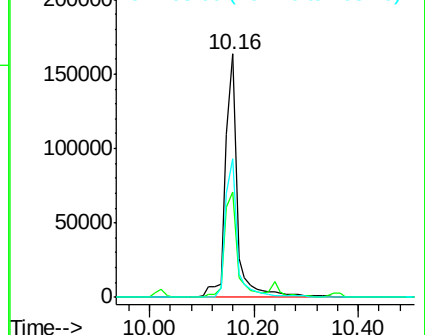
108 56.7 35.0 75.0



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: 38.19 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Tgt Ion: 77 Resp: 1036773

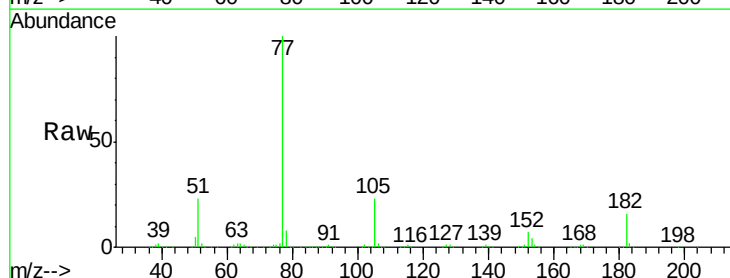
Ion Ratio Lower Upper

77 100

182 16.3 0.0 38.4

105 23.3 3.8 43.8

51 23.5 2.6 42.6

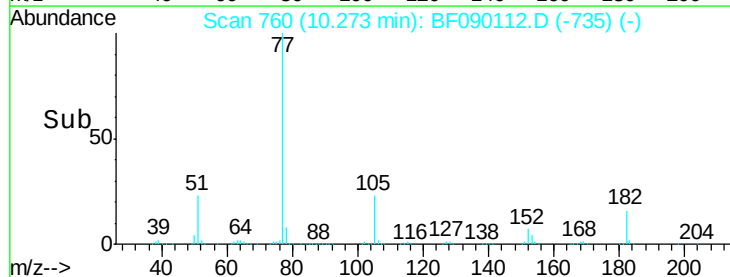
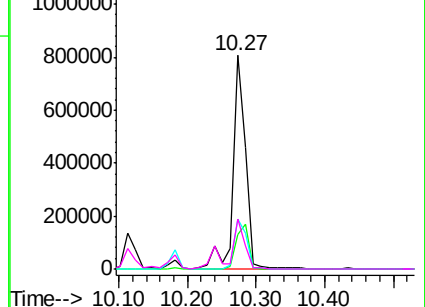


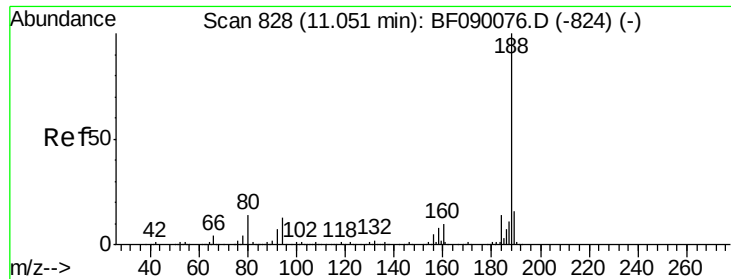
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

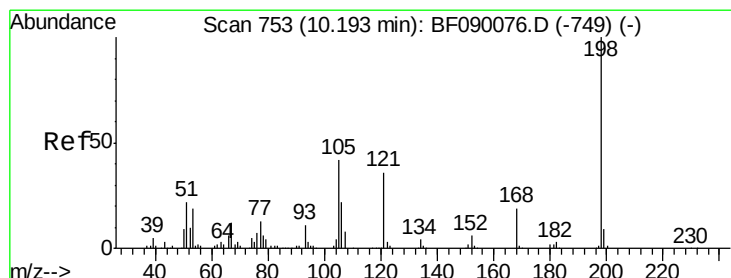
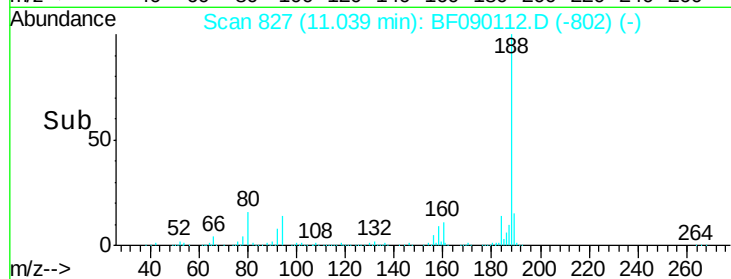
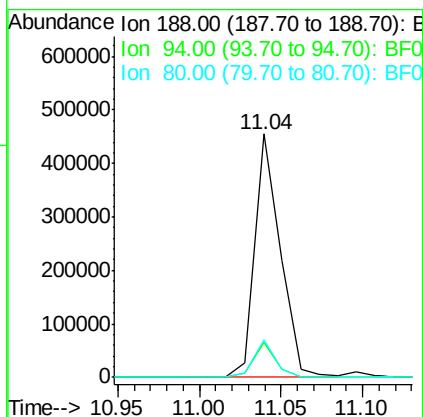
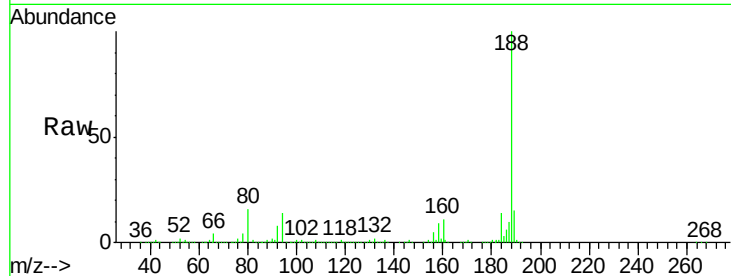




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

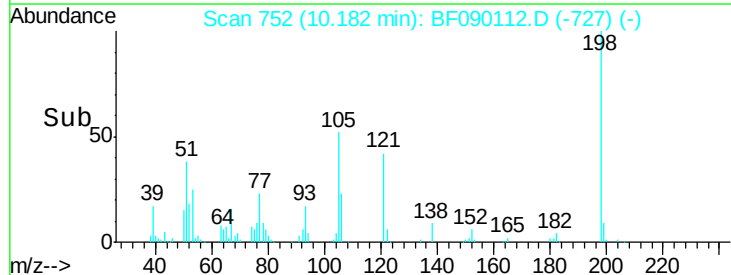
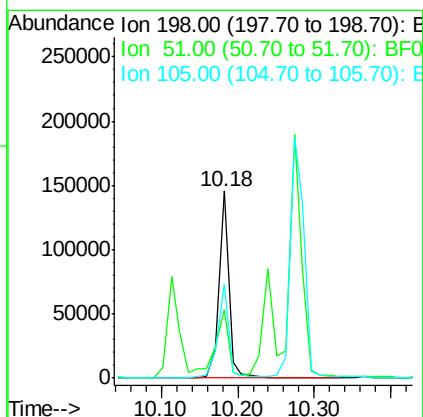
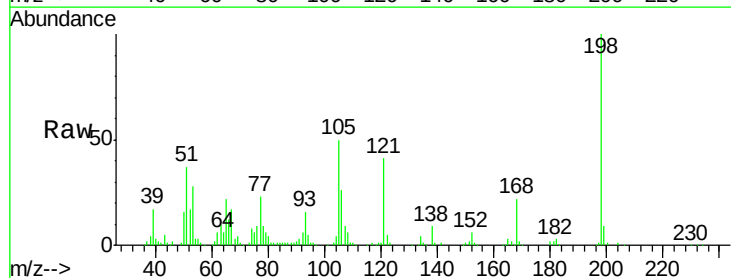
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

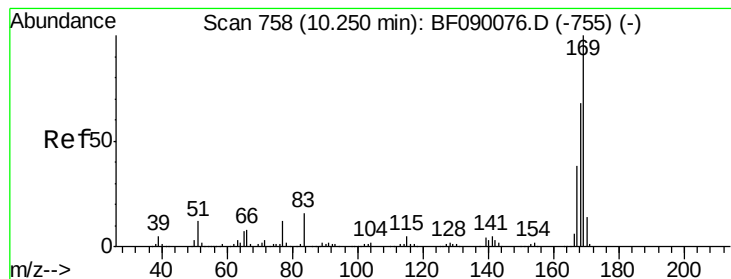
Tgt Ion:188 Resp: 497829
Ion Ratio Lower Upper
188 100
94 14.5 10.5 15.7
80 15.6 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.32 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:198 Resp: 131983
Ion Ratio Lower Upper
198 100
51 36.5 5.5 45.5
105 50.0 21.8 61.8





#65

n-Nitrosodiphenylamine

Concen: 46.55 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

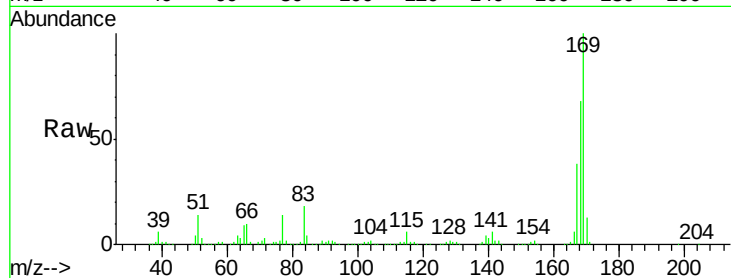
Tgt Ion:169 Resp: 734252

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

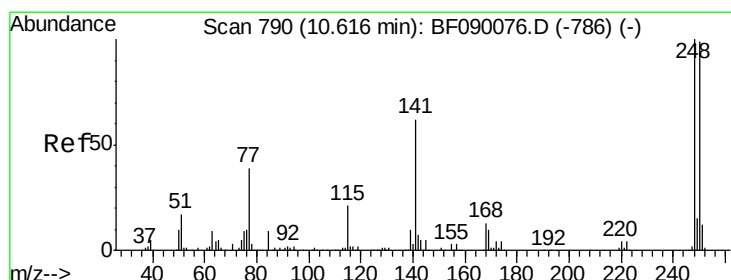
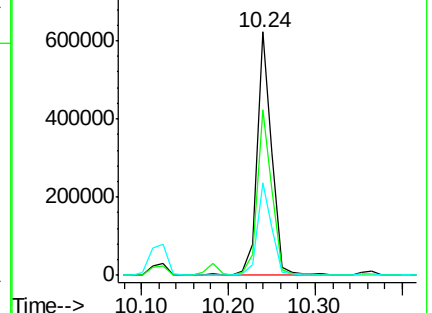
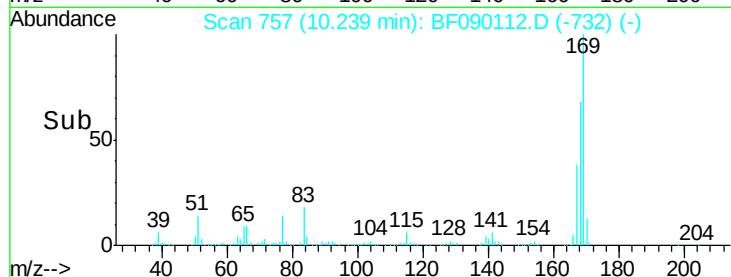
167 38.0 30.3 45.5



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: 50.65 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

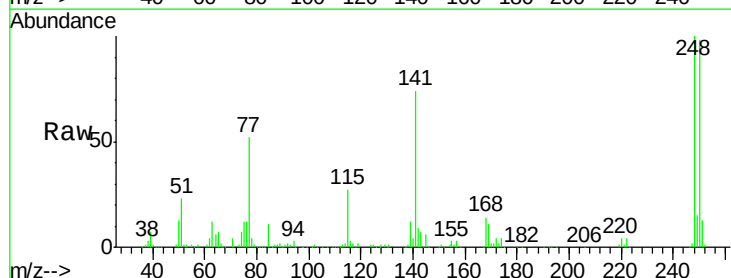
Tgt Ion:248 Resp: 243083

Ion Ratio Lower Upper

248 100

250 98.1 79.4 119.2

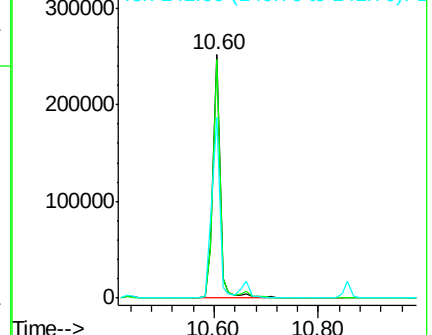
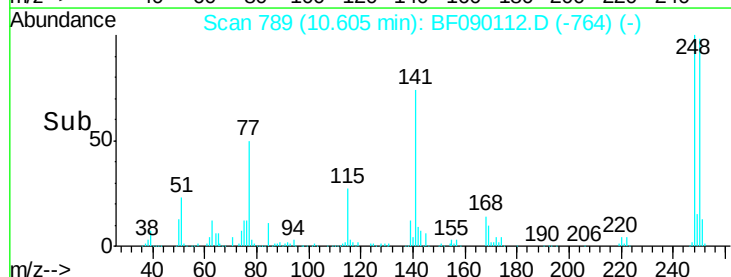
141 74.4 49.3 73.9#

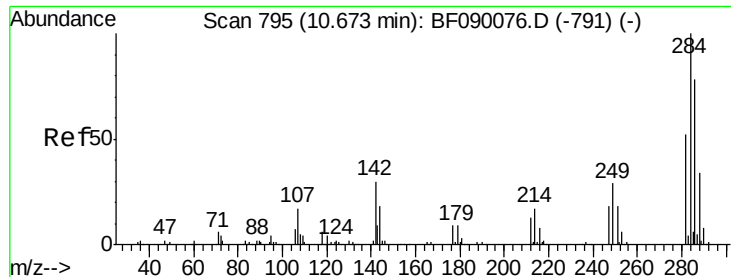


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

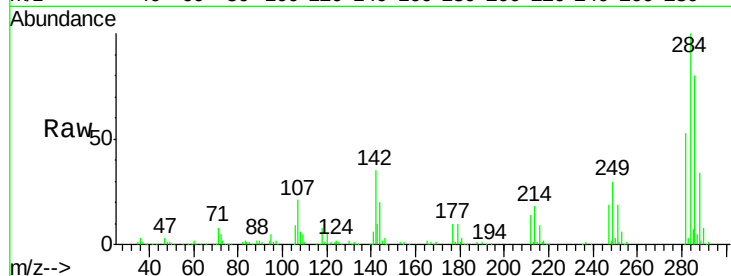




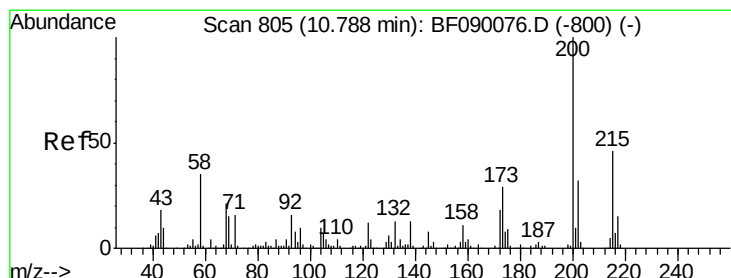
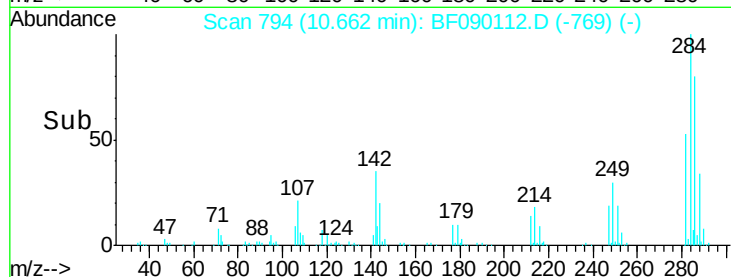
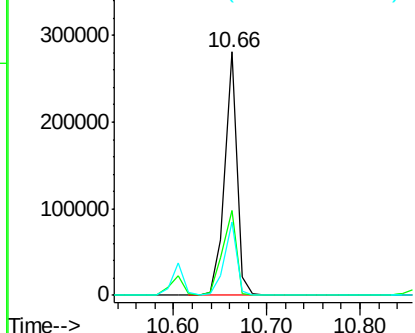
#67
Hexachlorobenzene
Concen: 45.39 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

Tgt Ion:284 Resp: 256684
Ion Ratio Lower Upper
284 100
142 35.1 24.0 36.0
249 30.3 23.8 35.6

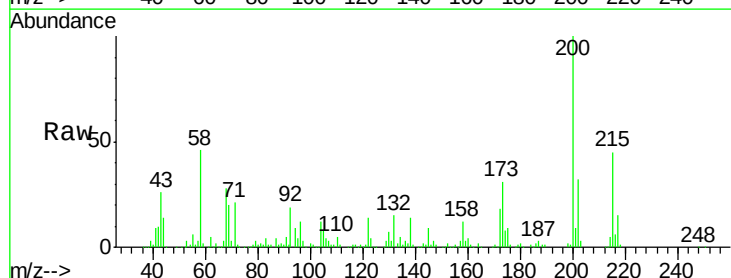


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

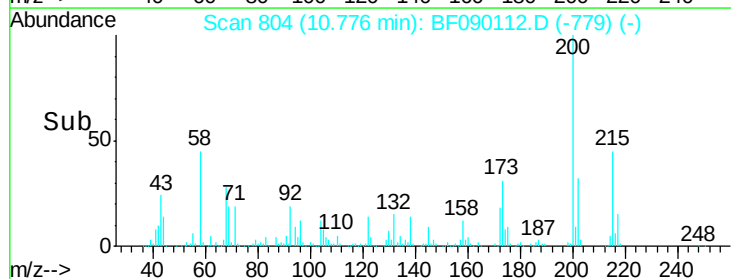
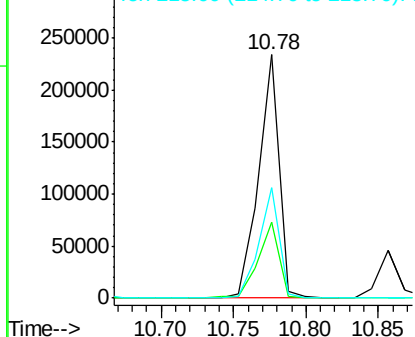


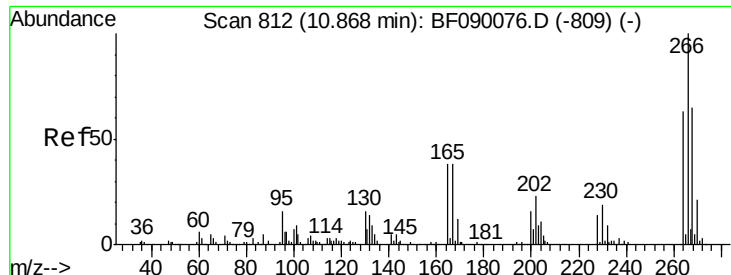
#68
Atrazine
Concen: 49.22 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:200 Resp: 230705
Ion Ratio Lower Upper
200 100
173 31.1 9.3 49.3
215 45.4 26.1 66.1



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

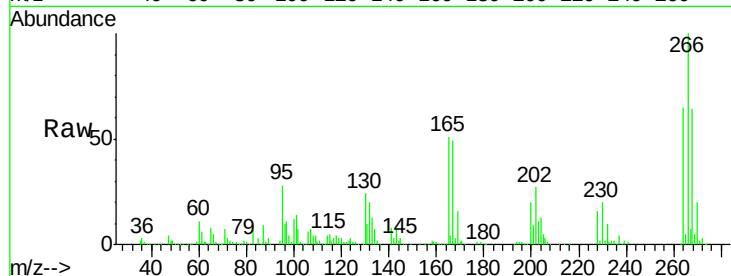




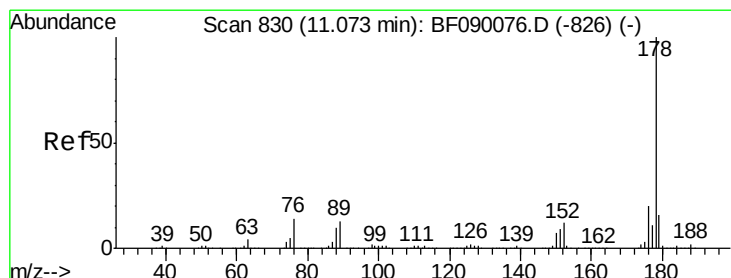
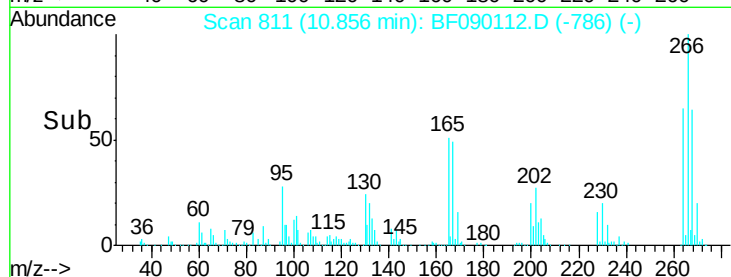
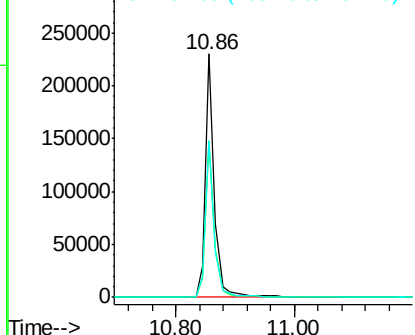
#69
 Pentachlorophenol
 Concen: 75.13 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

Tgt Ion: 266 Resp: 248879
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.1 78.1
 264 64.6 50.3 75.5

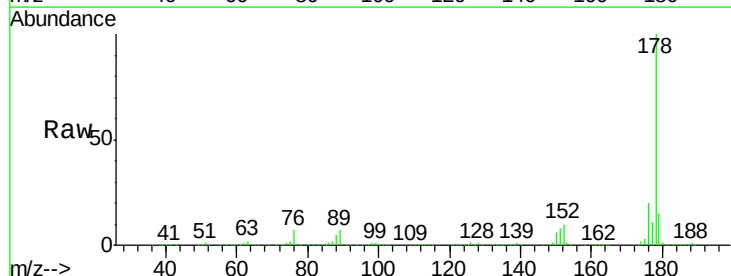


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

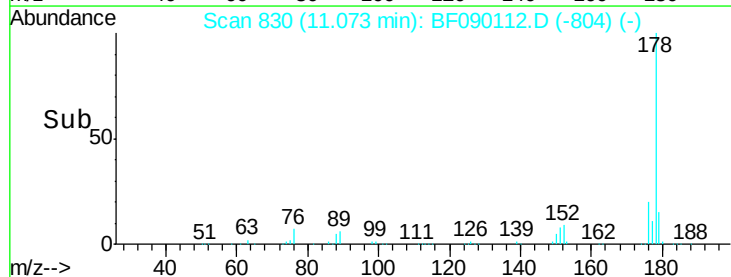
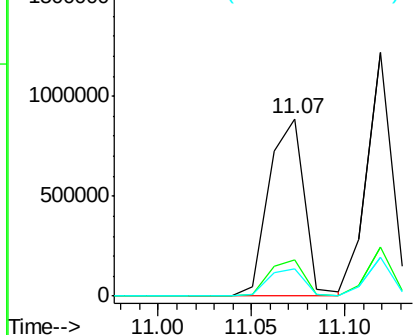


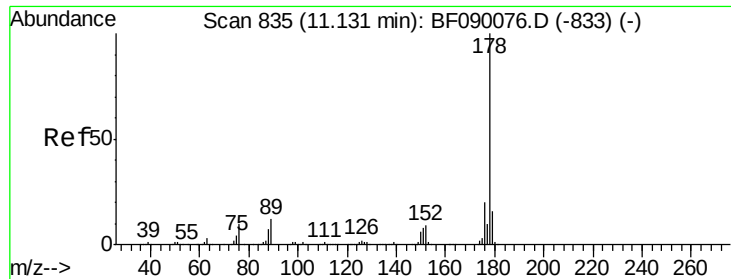
#70
 Phenanthrene
 Concen: 49.13 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion: 178 Resp: 1181953
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.4 12.9 19.3



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

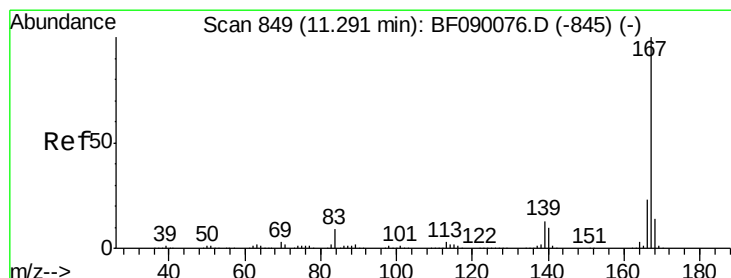
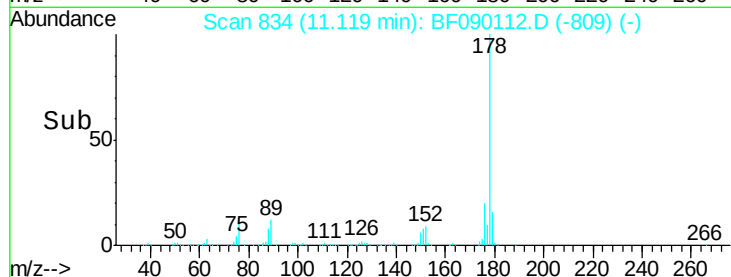
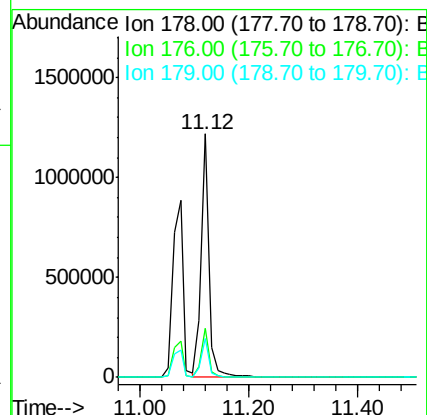
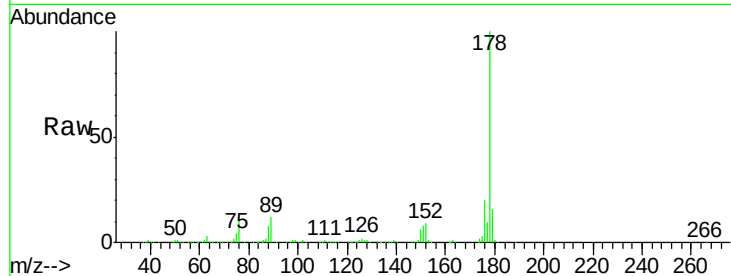




#71
 Anthracene
 Concen: 46.04 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

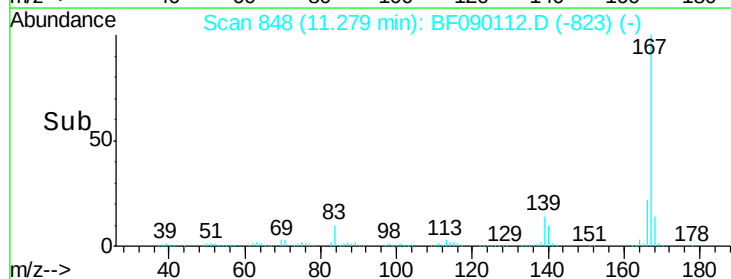
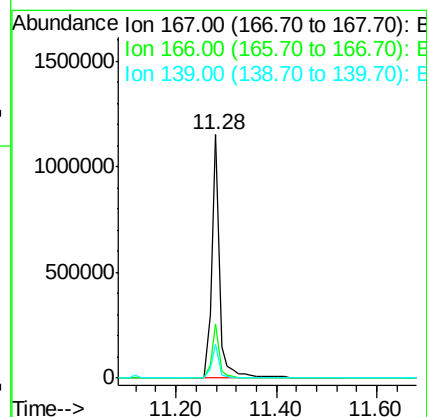
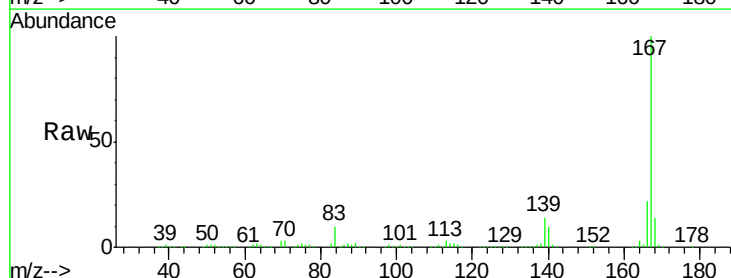
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

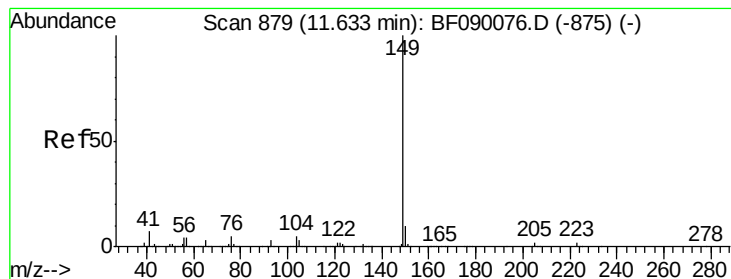
Tgt Ion:178 Resp: 1209389
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 46.32 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion:167 Resp: 1248287
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.6 10.4 15.6





#73

Di-n-butylphthalate

Concen: 45.67 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

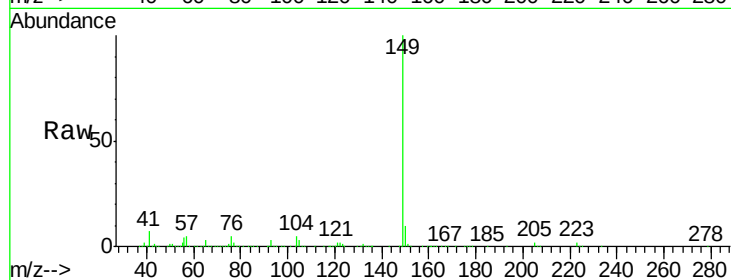
Tgt Ion:149 Resp: 1379991

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

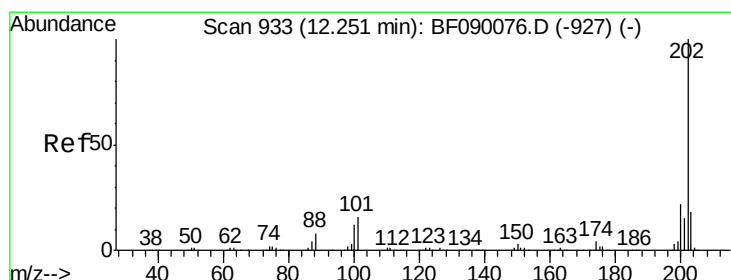
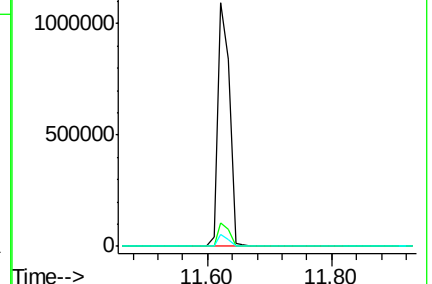
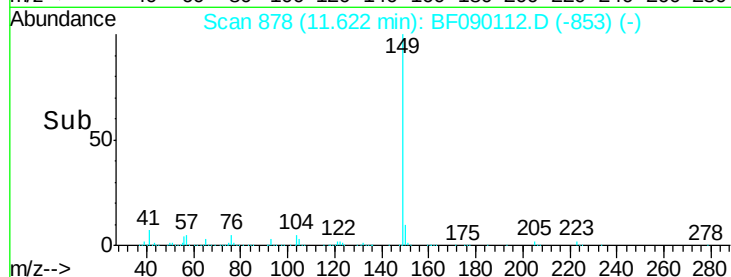
104 5.0 3.9 5.9



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: 42.82 ng

RT: 12.24 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

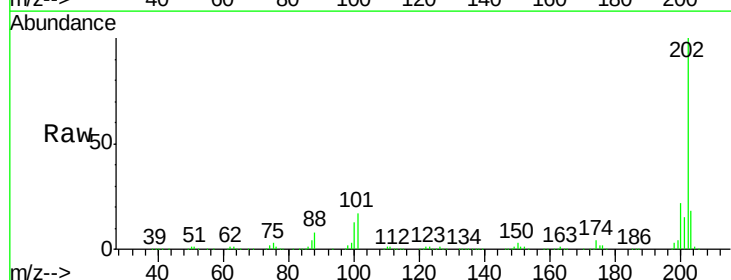
Tgt Ion:202 Resp: 1079419

Ion Ratio Lower Upper

202 100

101 17.2 0.0 36.1

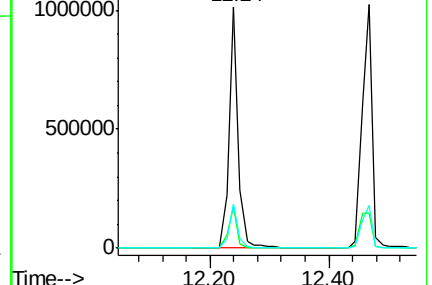
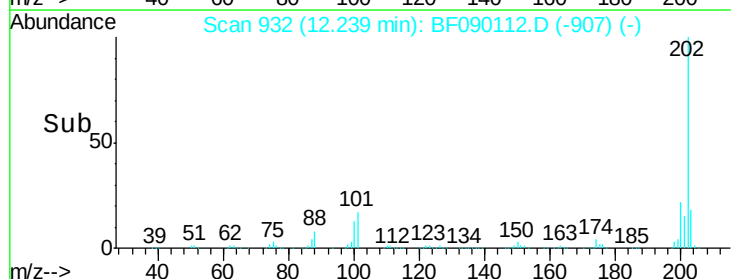
203 18.1 0.0 38.2

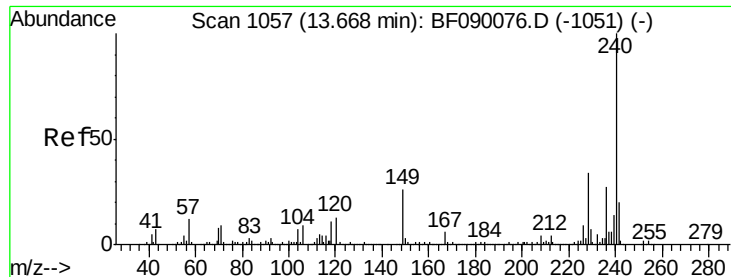


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

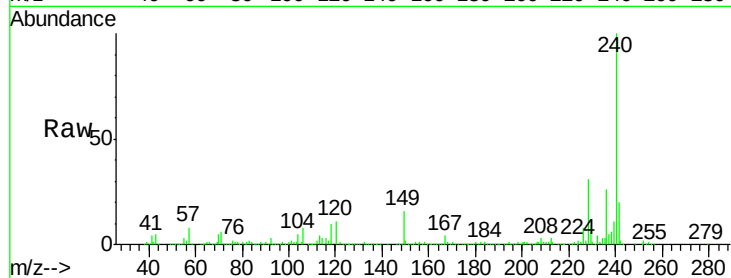
Tgt Ion:240 Resp: 356198

Ion Ratio Lower Upper

240 100

120 11.3 10.6 16.0

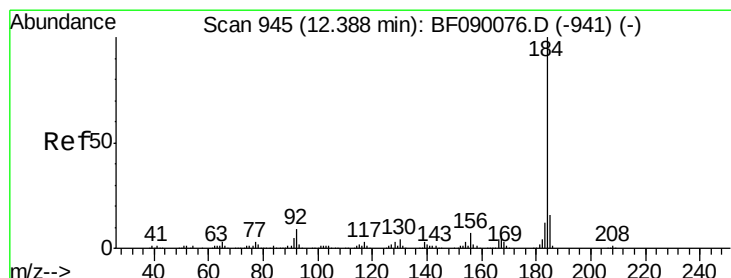
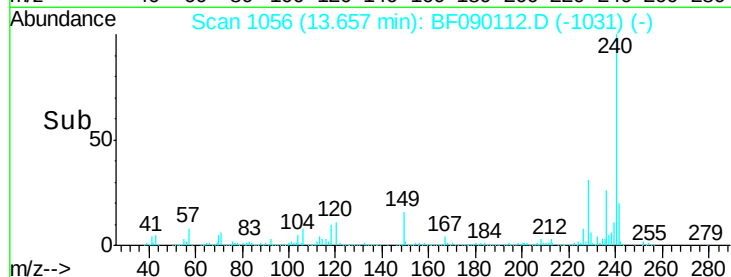
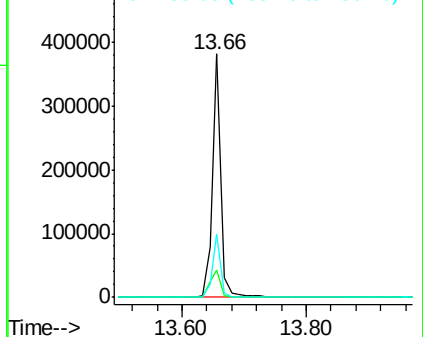
236 25.8 21.6 32.4



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: 34.11 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

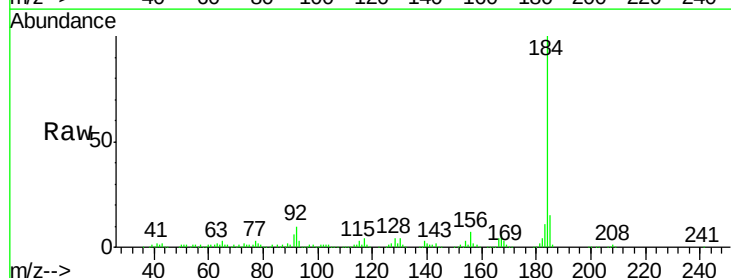
Tgt Ion:184 Resp: 495568

Ion Ratio Lower Upper

184 100

185 15.0 13.2 19.8

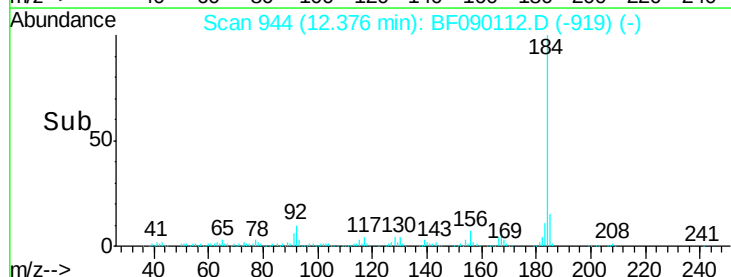
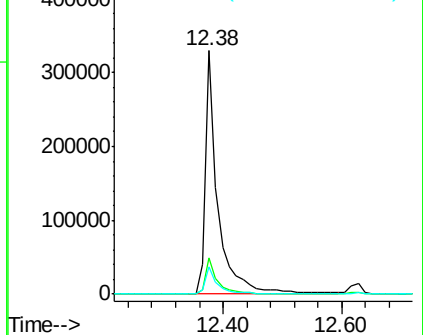
183 11.2 9.2 13.8

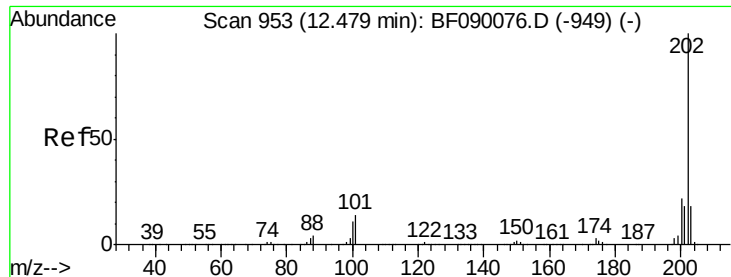


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



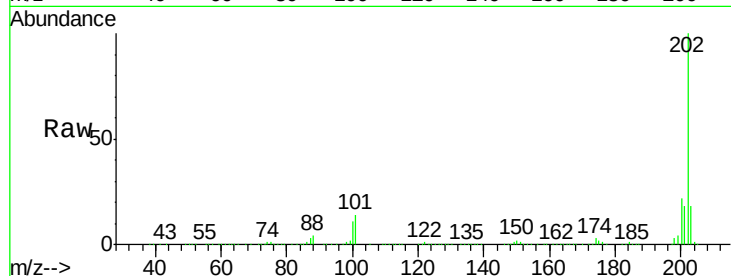


#77
 Pyrene
 Concen: 46.08 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

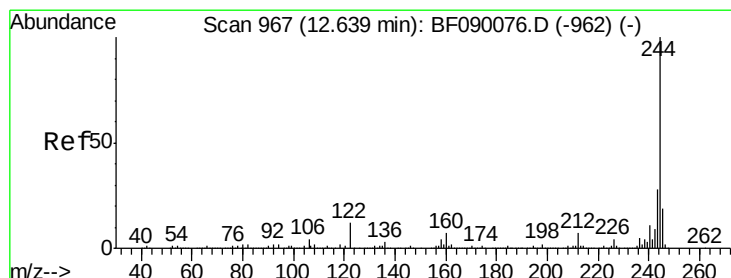
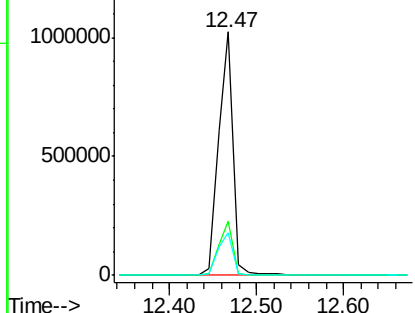
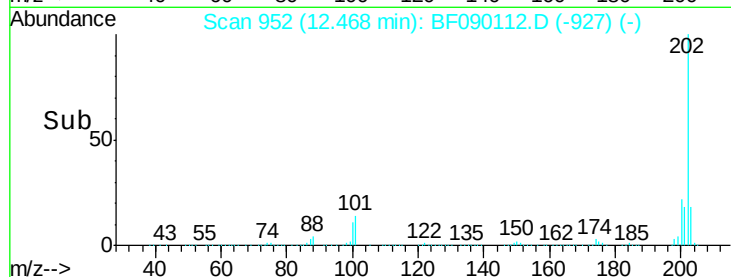
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

Tgt Ion: 202 Resp: 1197788

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	17.8	14.2	21.4



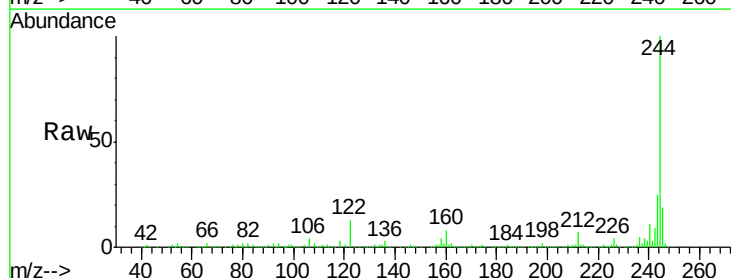
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



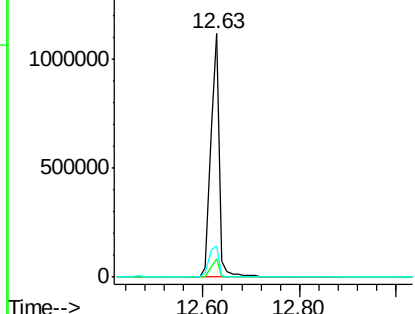
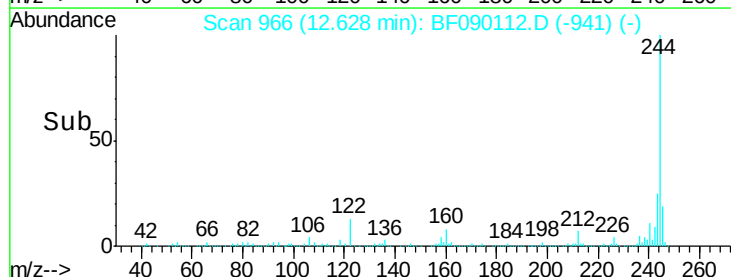
#78
 Terphenyl-d14
 Concen: 92.57 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

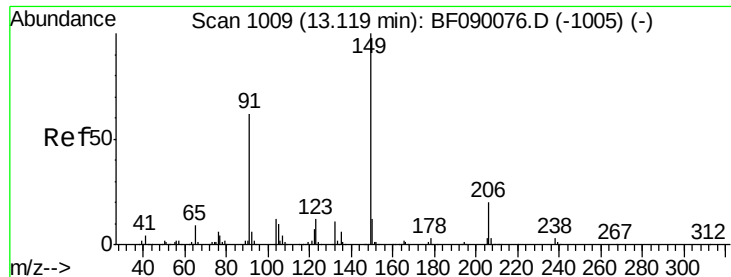
Tgt Ion: 244 Resp: 1388430

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.7	9.4	14.0



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

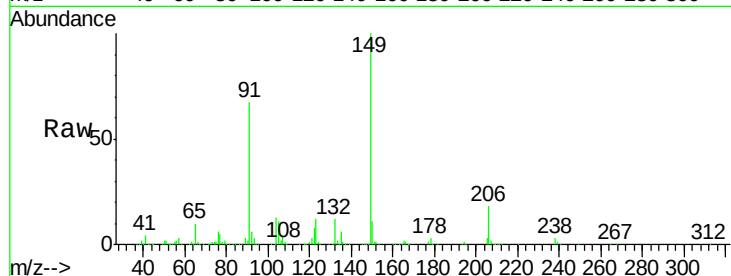




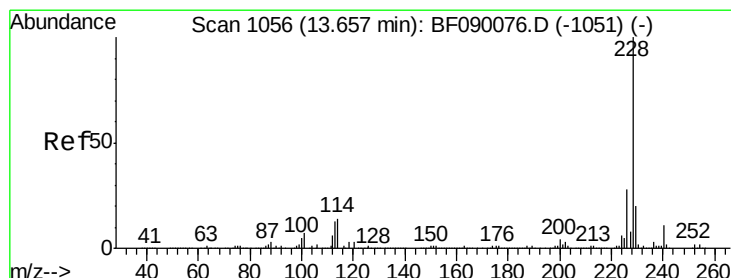
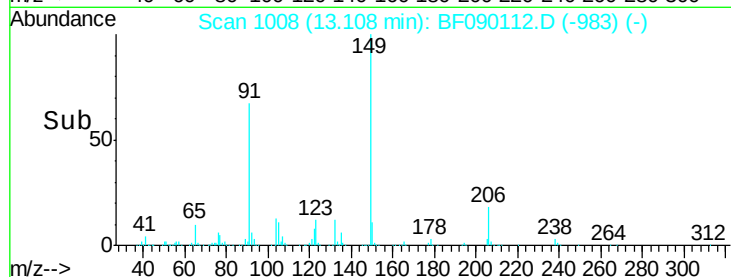
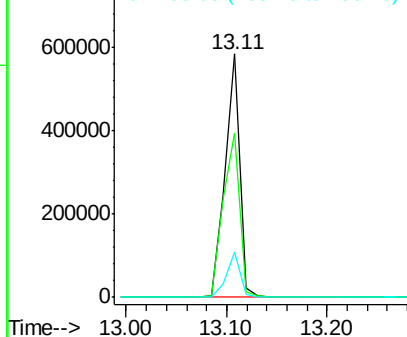
#79
Butylbenzylphthalate
Concen: 46.19 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	49.8	74.6
206	18.4	16.3	24.5

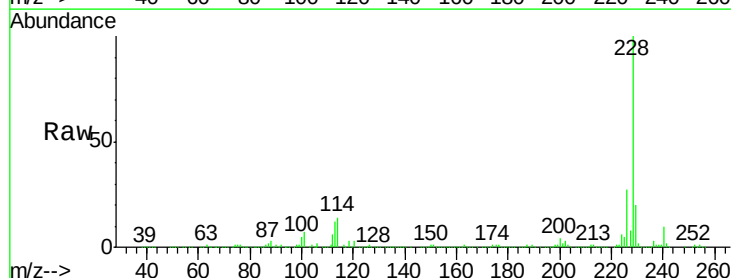


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

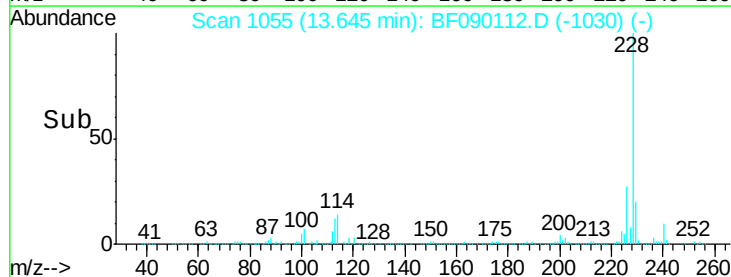
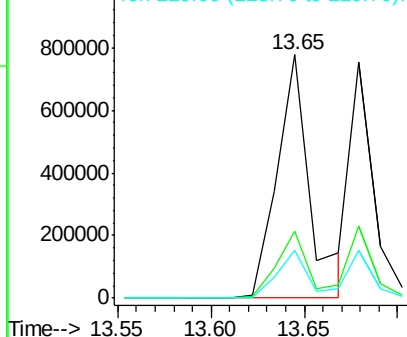


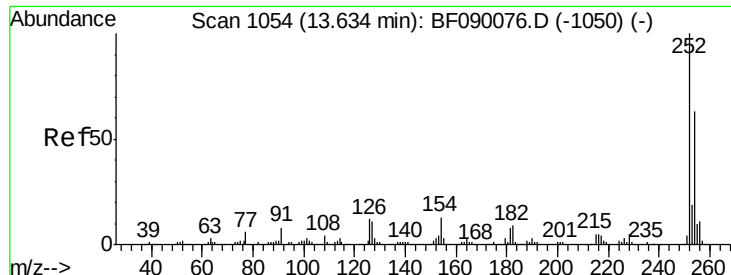
#80
Benzo(a)anthracene
Concen: 45.97 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	19.7	16.2	24.2



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

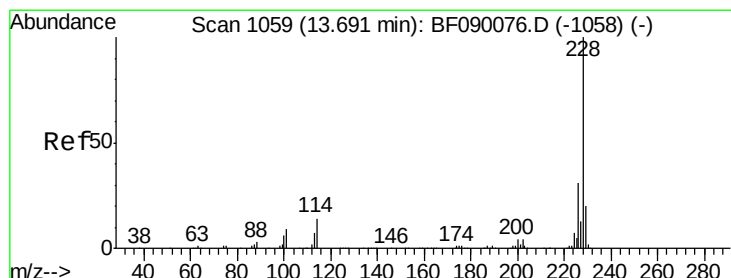
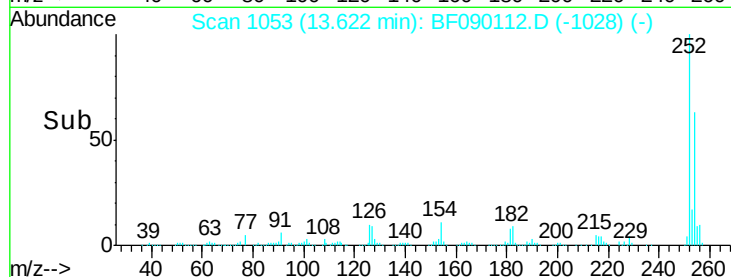
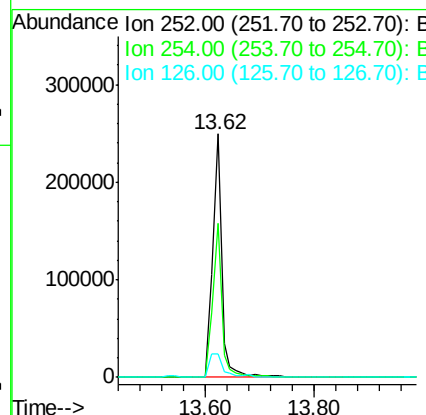
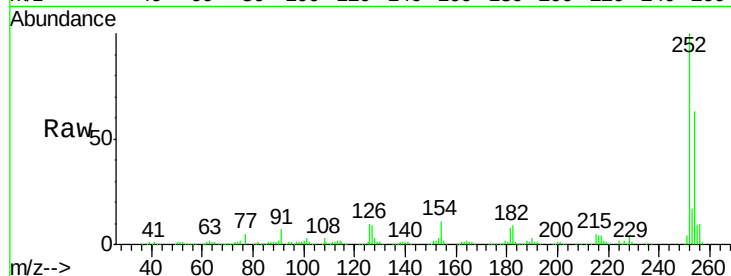




#81
 3,3'-Dichlorobenzidine
 Concen: 33.78 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

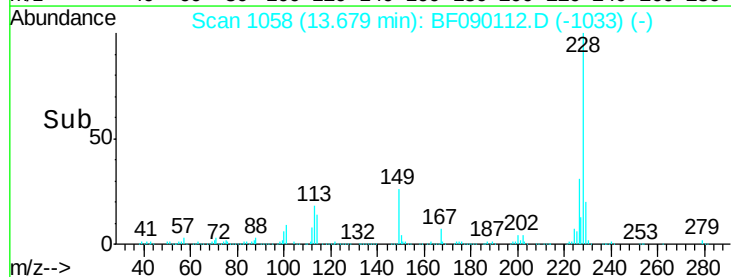
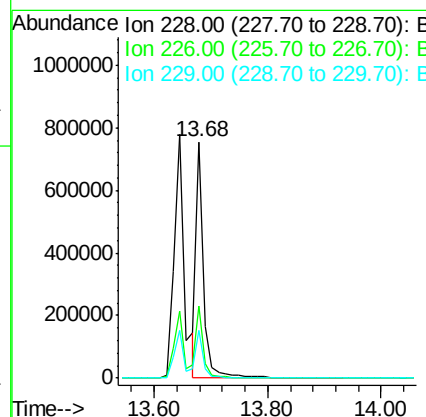
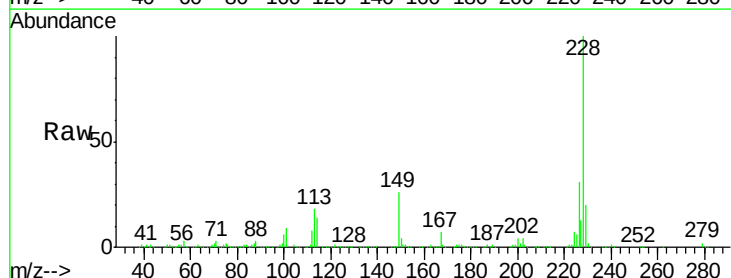
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

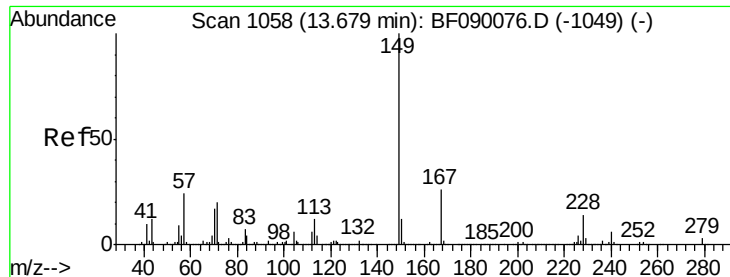
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.7	76.1
126	9.6	9.2	13.8



#82
 Chrysene
 Concen: 36.20 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.1	16.2	24.4

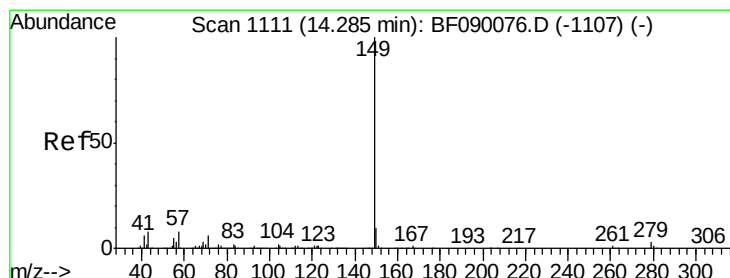
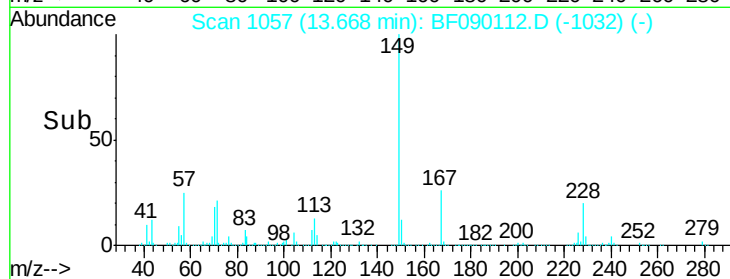
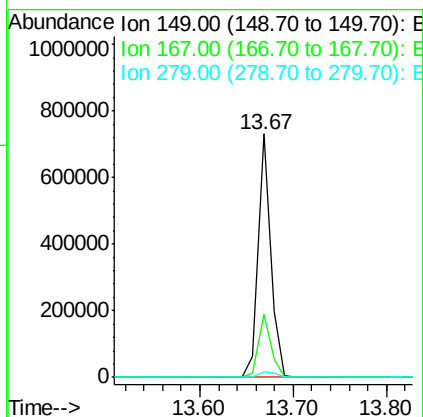
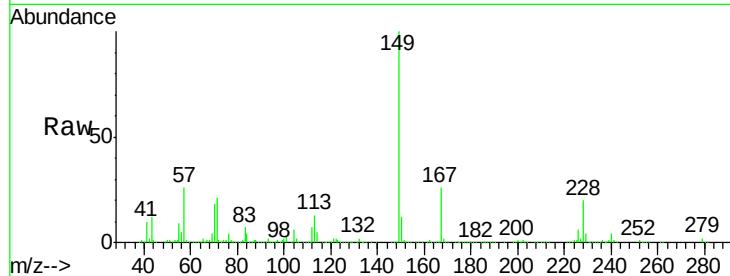




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.32 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

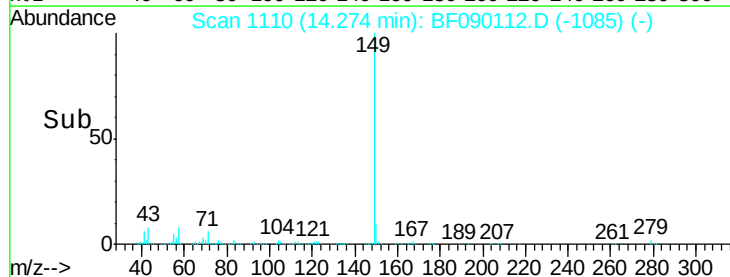
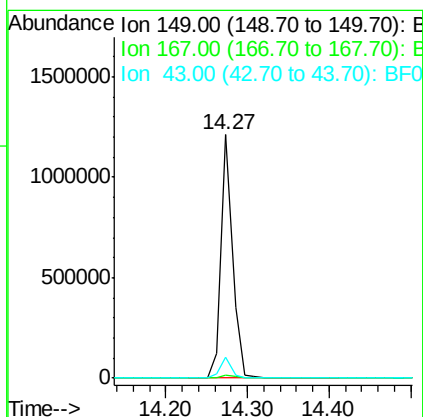
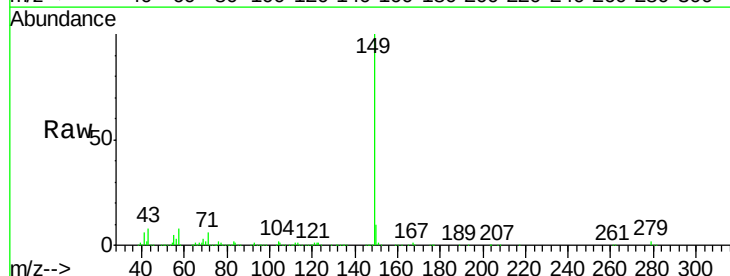
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

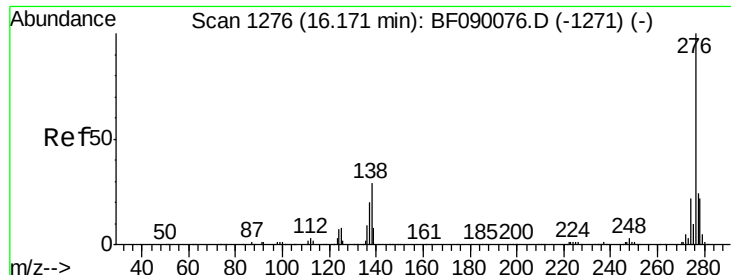
Tgt Ion:149 Resp: 693633
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.2 31.8
 279 2.4 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 41.36 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion:149 Resp: 1183852
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.1 6.8 10.2

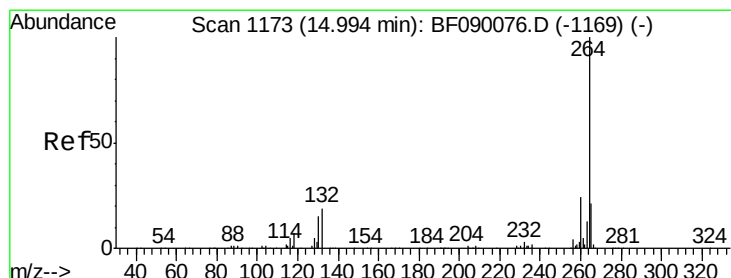
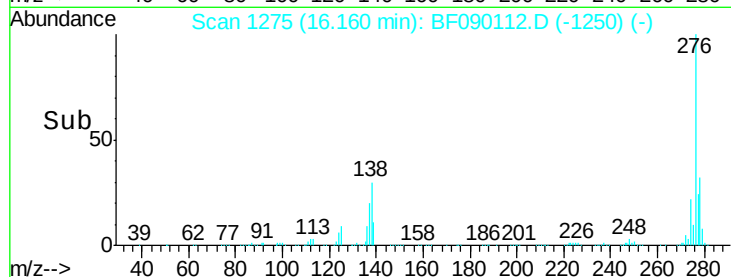
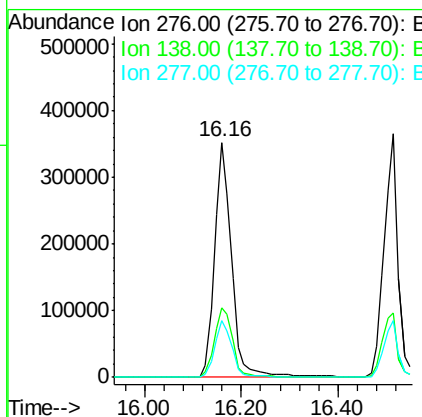
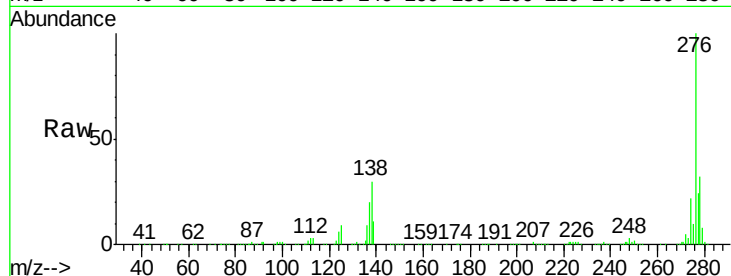




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.76 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

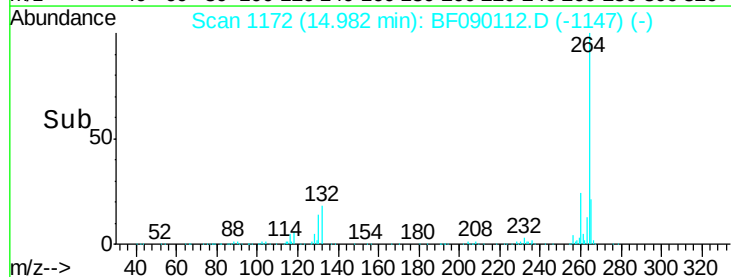
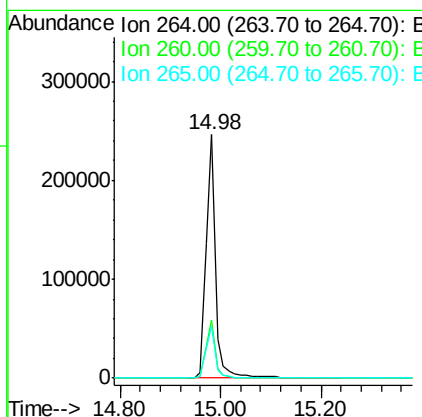
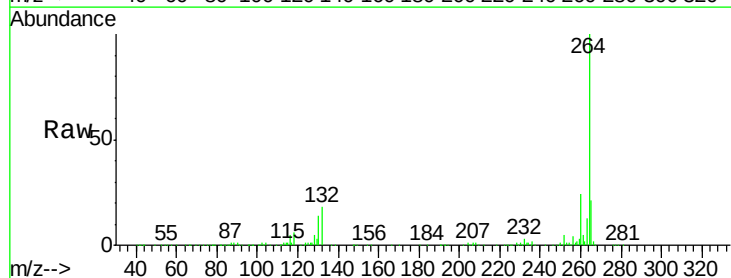
Instrument :
 BNA_F
 ClientSampleId :
 SB-1-6-7MS

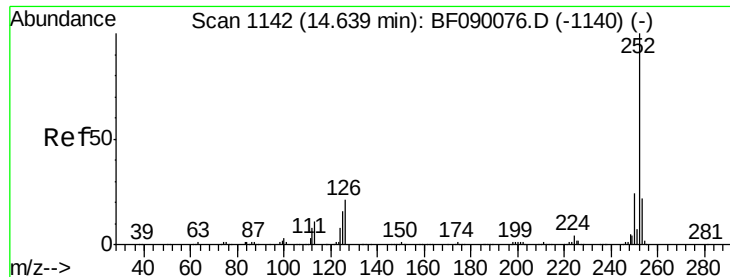
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.9	38.9
277	24.9	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF090112.D
 Acq: 16 Sep 2016 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.0	25.4

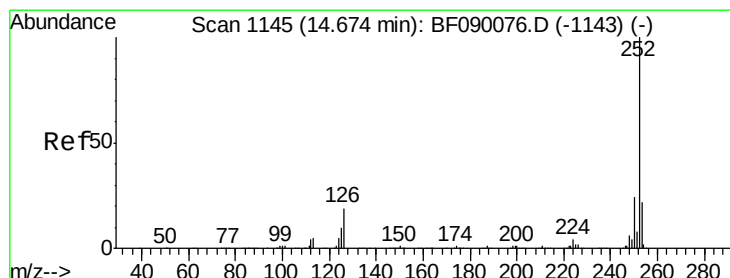
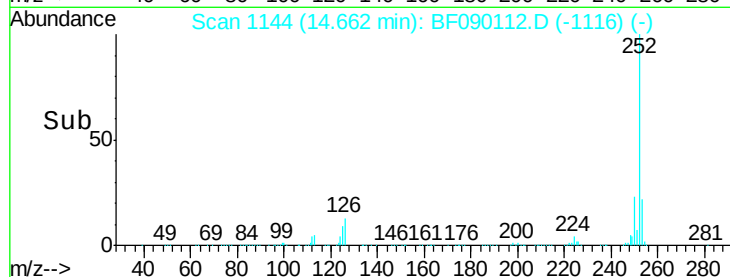
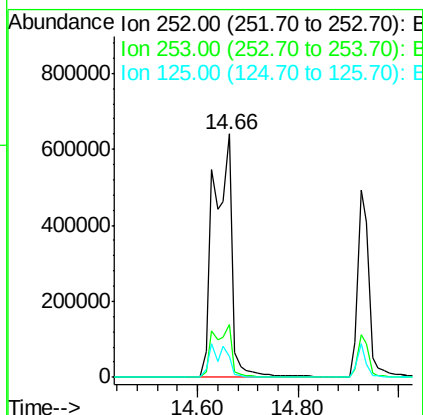
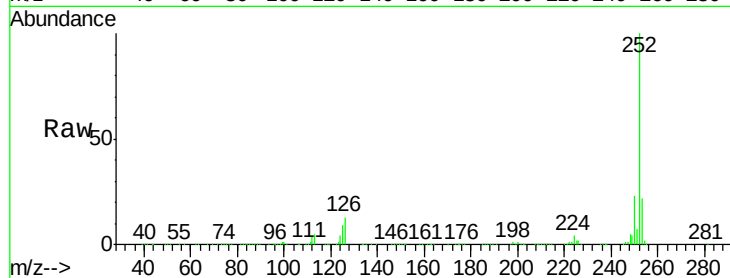




#87
Benzo(b)fluoranthene
Concen: 84.96 ng
RT: 14.66 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

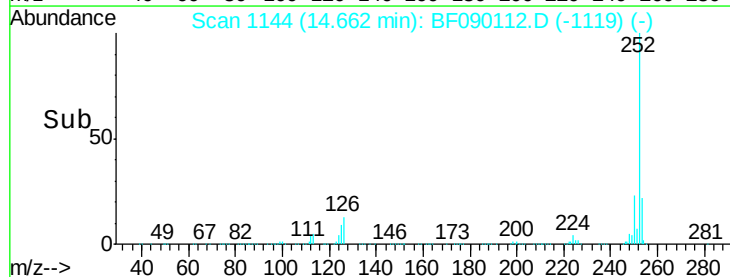
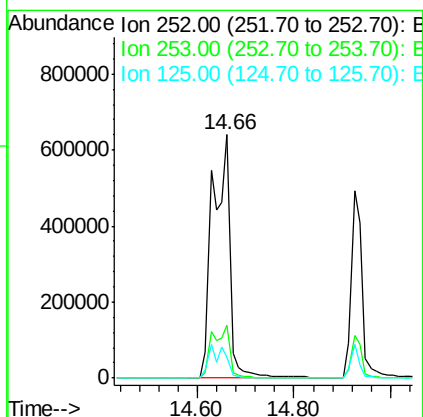
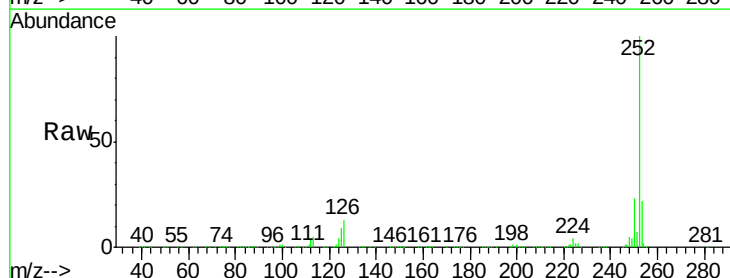
Instrument :
BNA_F
ClientSampleId :
SB-1-6-7MS

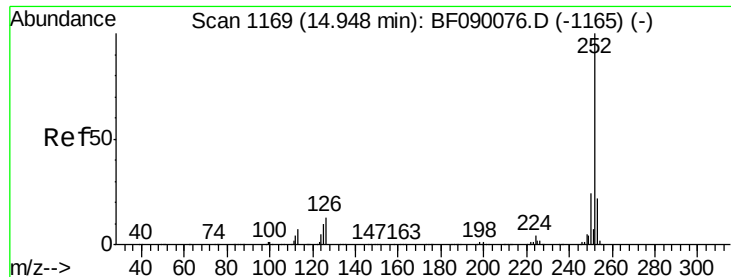
Tgt Ion:252 Resp: 1613249
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.6 12.7 19.1#



#88
Benzo(k)fluoranthene
Concen: 94.43 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF090112.D
Acq: 16 Sep 2016 18:00

Tgt Ion:252 Resp: 1614350
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.6 7.8 11.6





#89

Benzo(a)pyrene

Concen: 45.41 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

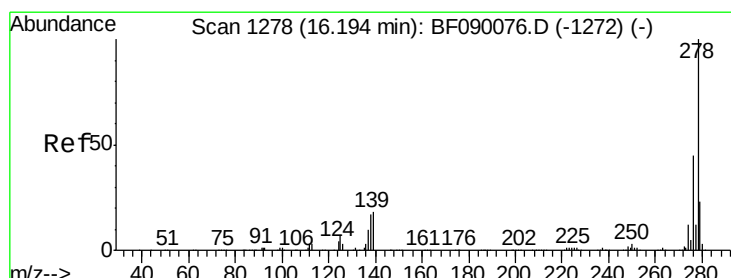
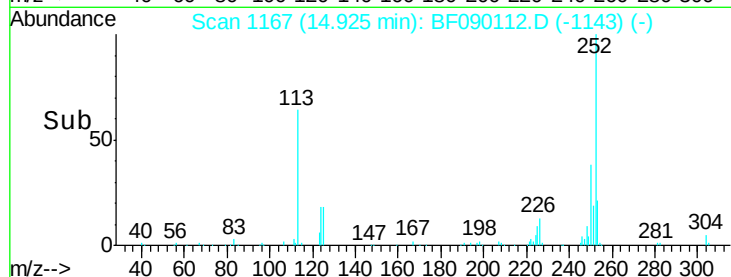
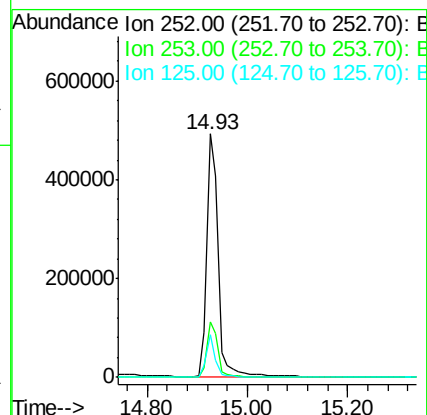
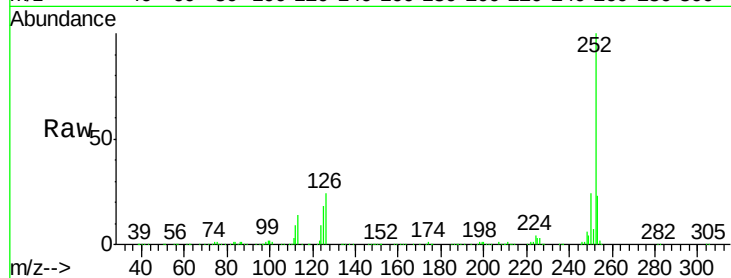
Tgt Ion:252 Resp: 773340

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 17.8 7.7 11.5#



#90

Dibenzo(a,h)anthracene

Concen: 55.20 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

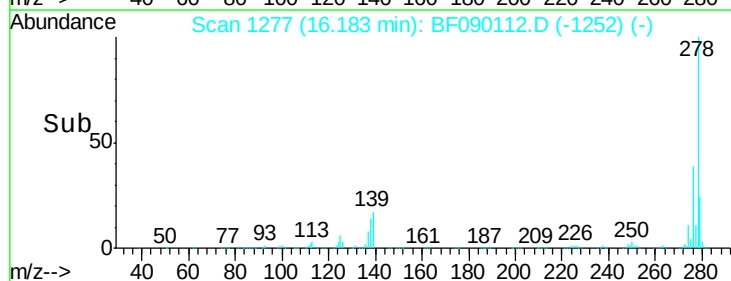
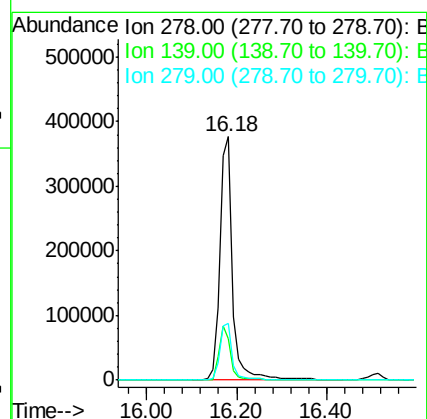
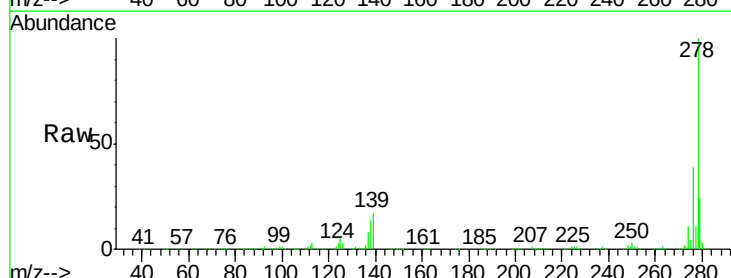
Tgt Ion:278 Resp: 736119

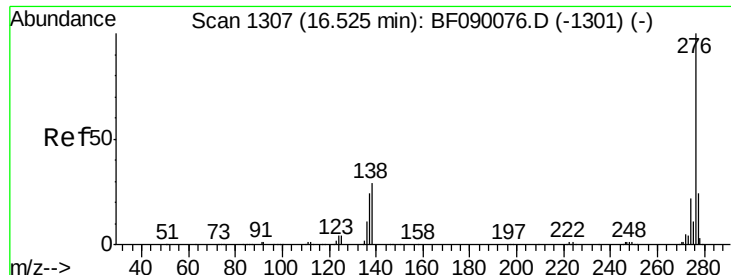
Ion Ratio Lower Upper

278 100

139 16.9 14.6 21.8

279 23.5 18.8 28.2





#91

Benzo(g,h,i)perylene

Concen: 58.52 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF090112.D

Acq: 16 Sep 2016 18:00

Instrument :

BNA_F

ClientSampleId :

SB-1-6-7MS

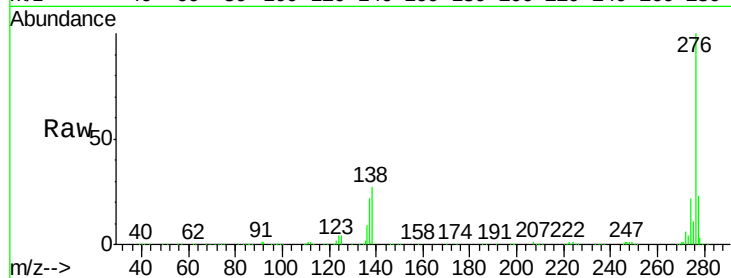
Tgt Ion: 276 Resp: 744814

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 26.7 23.3 34.9



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

