

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090509.D
 Acq On : 11 Oct 2016 18:35
 Operator : UM/SJ
 Sample : PB93889BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Quant Time: Oct 12 00:56:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	210363	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	847665	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	436605	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	772418	20.00	ng	0.01
75) Chrysene-d12	14.13	240	797048	20.00	ng	0.00
86) Perylene-d12	15.61	264	556703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1443083	106.72	ng	0.01
7) Phenol-d6	6.59	99	1922125	112.64	ng	0.00
23) Nitrobenzene-d5	7.51	82	1185806	75.87	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	608213	140.53	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2212848	85.17	ng	0.00
78) Terphenyl-d14	13.08	244	2632629	80.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	200602	30.24	ng	# 85
3) Pyridine	3.45	79	571538	31.18	ng	# 78
4) n-Nitrosodimethylamine	3.40	42	223146	37.14	ng	# 41
6) Aniline	6.61	93	398502	18.41	ng	97
8) 2-Chlorophenol	6.74	128	541540	37.65	ng	98
9) Benzaldehyde	6.50	77	171410	15.95	ng	95
10) Phenol	6.60	94	808027	41.98	ng	94
11) bis(2-Chloroethyl)ether	6.69	93	575244	39.93	ng	90
12) 1,3-Dichlorobenzene	6.90	146	576176	37.13	ng	98
13) 1,4-Dichlorobenzene	6.97	146	550027	34.74	ng	99
14) 1,2-Dichlorobenzene	7.13	146	583156	40.53	ng	97
15) Benzyl Alcohol	7.09	79	478568	36.53	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	730563	35.38	ng	89
17) 2-Methylphenol	7.21	107	445729	38.10	ng	99
18) Hexachloroethane	7.47	117	218275	37.36	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	414850	38.12	ng	# 80
20) 3+4-Methylphenols	7.37	107	586163	39.57	ng	# 76
22) Acetophenone	7.37	105	755792	40.50	ng	# 88
24) Nitrobenzene	7.54	77	654597	39.05	ng	# 86
25) Isophorone	7.78	82	1141019	40.12	ng	98
26) 2-Nitrophenol	7.86	139	301864	39.47	ng	95
27) 2,4-Dimethylphenol	7.89	122	525097	40.39	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	672044	38.26	ng	97
29) 2,4-Dichlorophenol	8.10	162	459594	42.27	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	452873	36.26	ng	99
31) Naphthalene	8.26	128	1512041	35.80	ng	98
32) Benzoic acid	8.01	122	357595	34.85	ng	97
33) 4-Chloroaniline	8.30	127	187361	10.48	ng	95
34) Hexachlorobutadiene	8.38	225	263983	37.80	ng	98
35) Caprolactam	8.67	113	96308	27.32	ng	# 79
36) 4-Chloro-3-methylphenol	8.79	107	503970	39.69	ng	99
37) 2-Methylnaphthalene	8.95	142	1037745	36.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	495738	40.56	ng	99
40) Hexachlorocyclopentadiene	9.11	237	626807	103.31	ng	99

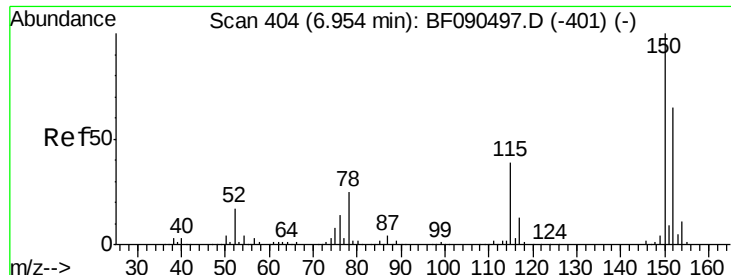
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	316545	38.41	ng	96
43) 2,4,5-Trichlorophenol	9.27	196	330876	40.57	ng	94
45) 1,1'-Biphenyl	9.42	154	1326951	39.79	ng	94
46) 2-Chloronaphthalene	9.45	162	1046887	42.19	ng	95
47) 2-Nitroaniline	9.54	65	361060	40.80	ng	94
48) Acenaphthylene	9.86	152	1473553	36.81	ng	98
49) Dimethylphthalate	9.72	163	1172749	39.94	ng	99
50) 2,6-Dinitrotoluene	9.78	165	251298	38.76	ng	90
51) Acenaphthene	10.03	154	1041103	38.81	ng	98
52) 3-Nitroaniline	9.95	138	144682	17.99	ng	# 82
53) 2,4-Dinitrophenol	10.05	184	280878	78.07	ng	# 84
54) Dibenzofuran	10.21	168	1406582	39.40	ng	95
55) 4-Nitrophenol	10.11	139	473776	75.79	ng	94
56) 2,4-Dinitrotoluene	10.19	165	383344	44.70	ng	100
57) Fluorene	10.54	166	1109543	38.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	293874	43.20	ng	96
59) Diethylphthalate	10.42	149	1180990	39.55	ng	# 92
60) 4-Chlorophenyl-phenylether	10.54	204	593329	44.13	ng	90
61) 4-Nitroaniline	10.57	138	309269	37.68	ng	92
62) Azobenzene	10.70	77	1424921	43.69	ng	86
64) 4,6-Dinitro-2-methylphenol	10.59	198	185222	35.90	ng	# 77
65) n-Nitrosodiphenylamine	10.66	169	983233	39.14	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	358469	41.88	ng	# 85
67) Hexachlorobenzene	11.10	284	367537	38.87	ng	# 84
68) Atrazine	11.18	200	284264	36.57	ng	98
69) Pentachlorophenol	11.30	266	469923	83.53	ng	98
70) Phenanthrene	11.51	178	1767356	41.52	ng	98
71) Anthracene	11.56	178	1538835	35.68	ng	98
72) Carbazole	11.72	167	1701320	41.77	ng	96
73) Di-n-butylphthalate	12.05	149	2090089	42.61	ng	# 96
74) Fluoranthene	12.70	202	1903813	43.81	ng	93
76) Benzidine	12.82	184	451135	18.01	ng	99
77) Pyrene	12.93	202	1848956	37.06	ng	99
79) Butylbenzylphthalate	13.55	149	892137	38.20	ng	90
80) Benzo(a)anthracene	14.12	228	1718151	36.17	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	264252	15.46	ng	# 99
82) Chrysene	14.16	228	1441459	32.60	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1261723	37.02	ng	# 100
84) Di-n-octyl phthalate	14.73	149	2092239	39.64	ng	# 87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1126340	30.59	ng	96
87) Benzo(b)fluoranthene	15.17	252	1648494	44.88	ng	# 95
88) Benzo(k)fluoranthene	15.17	252	1648494	50.38	ng	99
89) Benzo(a)pyrene	15.55	252	1313235	40.71	ng	99
90) Dibenzo(a,h)anthracene	17.10	278	964619	35.21	ng	# 96
91) Benzo(g,h,i)perylene	17.53	276	878836	34.68	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090509.D

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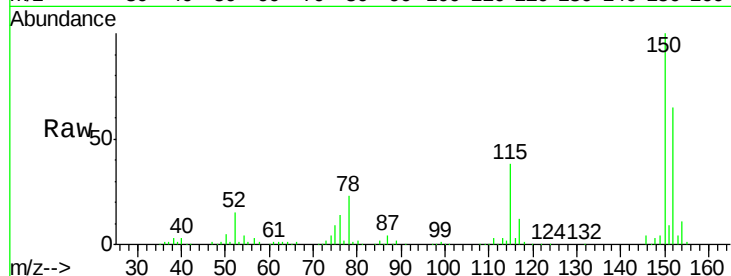
Tgt Ion:152 Resp: 210363

Ion Ratio Lower Upper

152 100

150 153.2 124.6 186.8

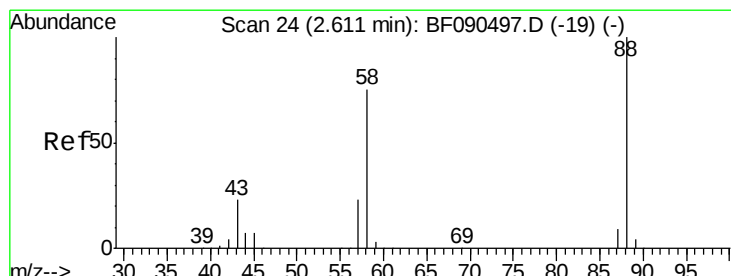
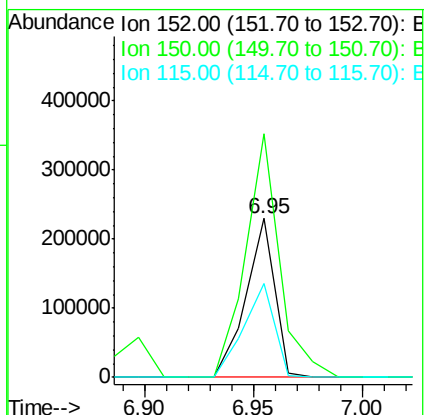
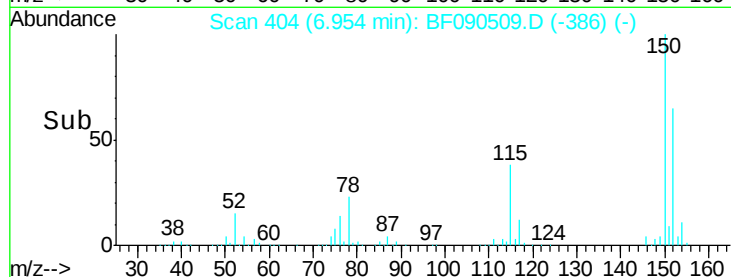
115 58.8 46.2 69.4



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: 30.24 ng

RT: 2.70 min Scan# 32

Delta R.T. 0.09 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

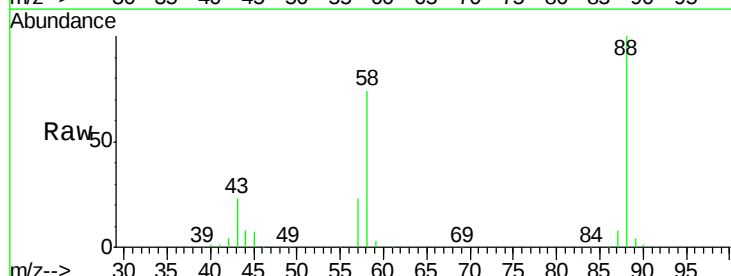
Tgt Ion: 88 Resp: 200602

Ion Ratio Lower Upper

88 100

58 77.0 71.2 106.8

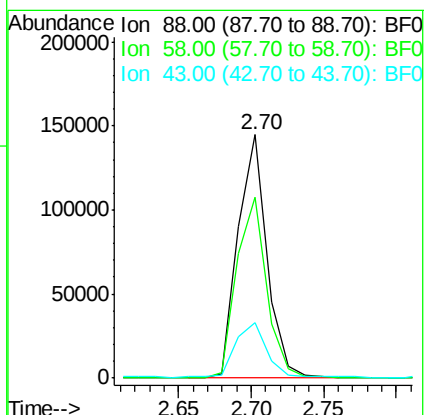
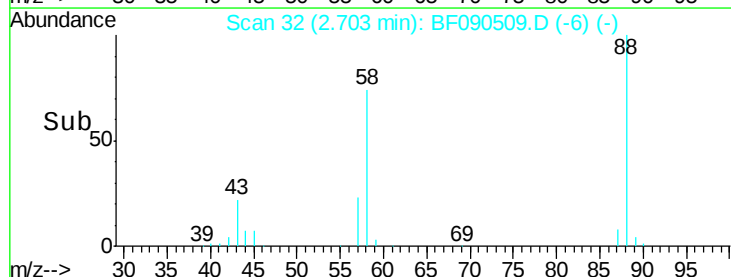
43 24.3 29.8 44.6#

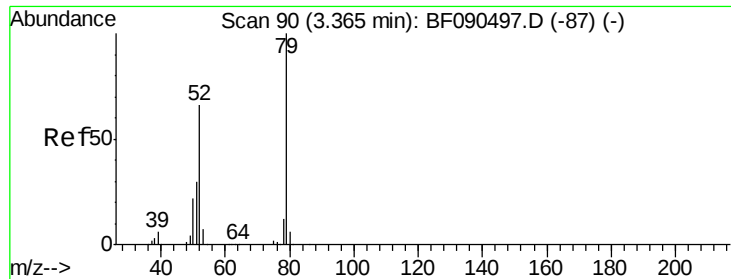


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.18 ng

RT: 3.45 min Scan# 97

Delta R.T. 0.08 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

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PB93889BS

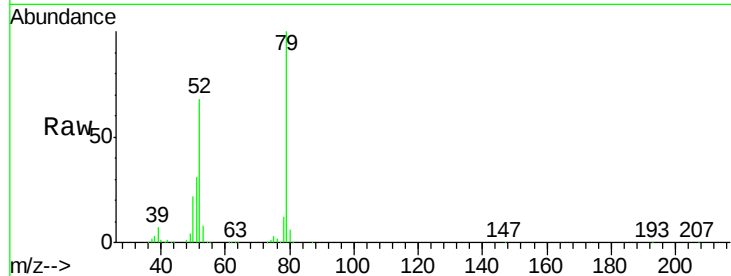
Tgt Ion: 79 Resp: 571538

Ion Ratio Lower Upper

79 100

52 67.7 71.3 106.9#

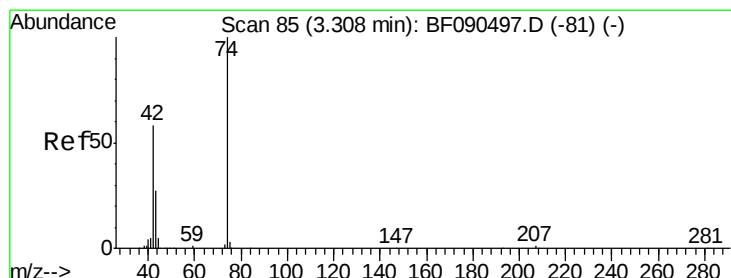
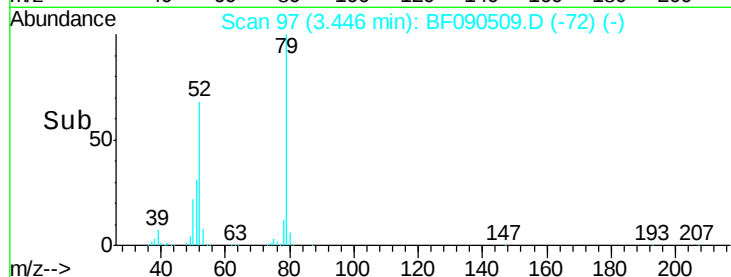
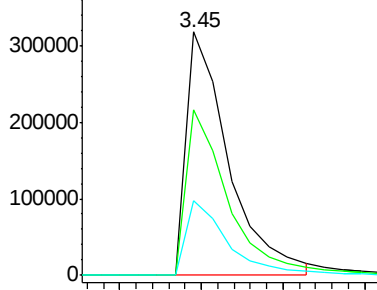
51 30.7 34.5 51.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.14 ng

RT: 3.40 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

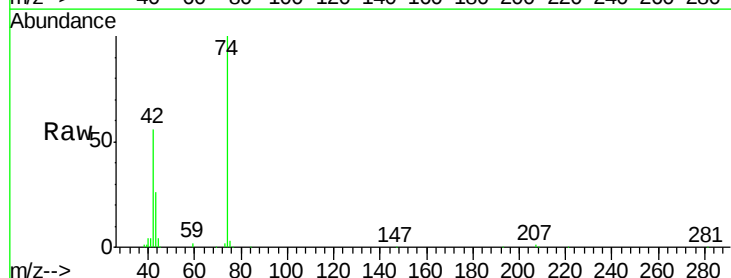
Tgt Ion: 42 Resp: 223146

Ion Ratio Lower Upper

42 100

74 178.4 88.9 133.3#

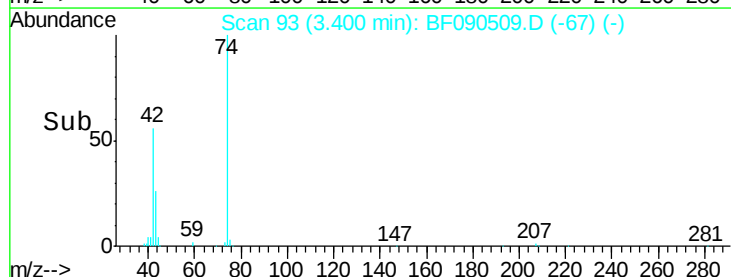
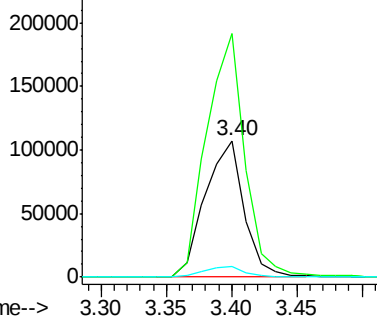
44 7.7 6.5 9.7

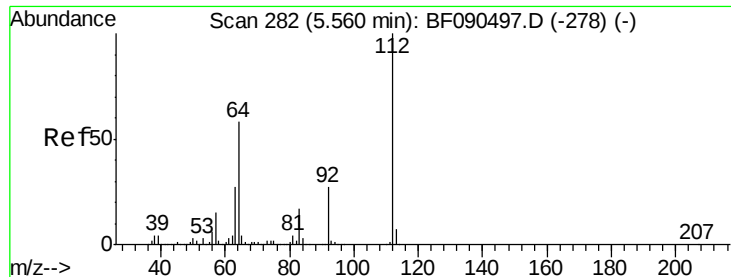


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 106.72 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

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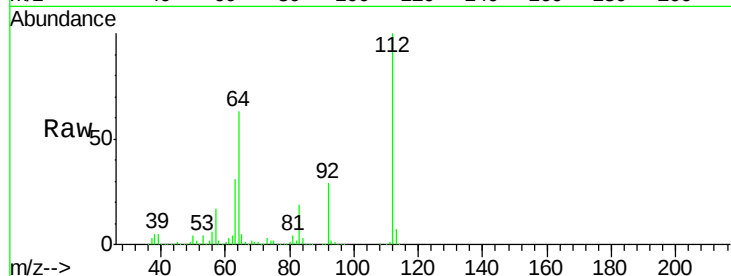
Tgt Ion: 112 Resp: 1443083

Ion Ratio Lower Upper

112 100

64 62.8 57.9 86.9

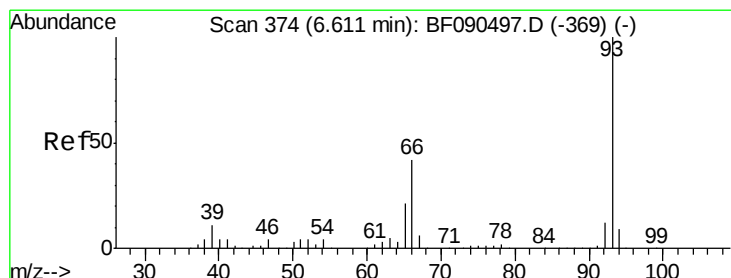
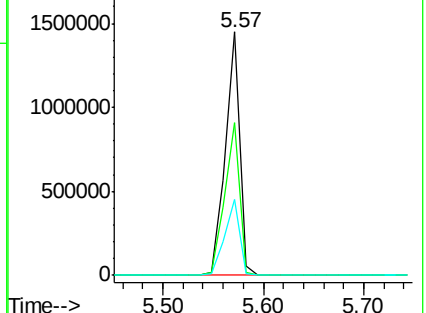
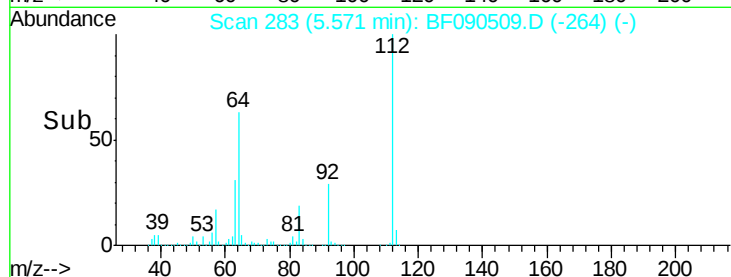
63 30.9 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.41 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

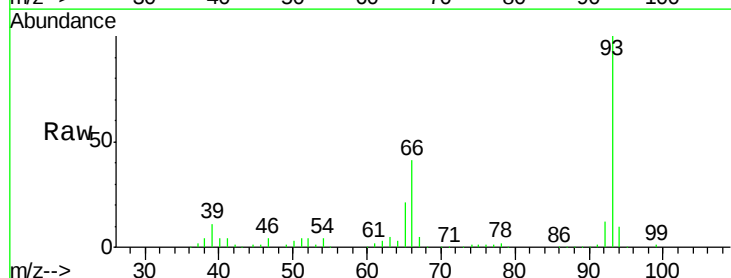
Tgt Ion: 93 Resp: 398502

Ion Ratio Lower Upper

93 100

66 41.5 34.5 51.7

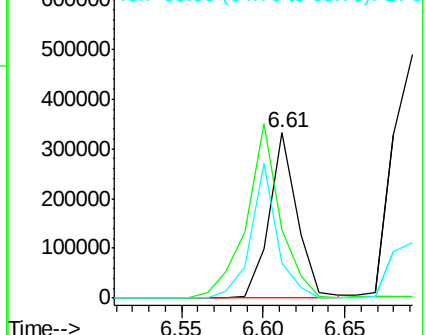
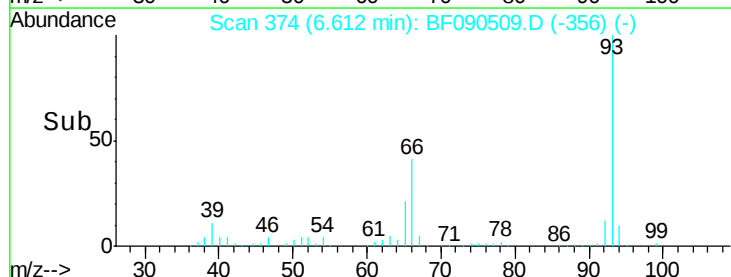
65 21.2 18.2 27.2

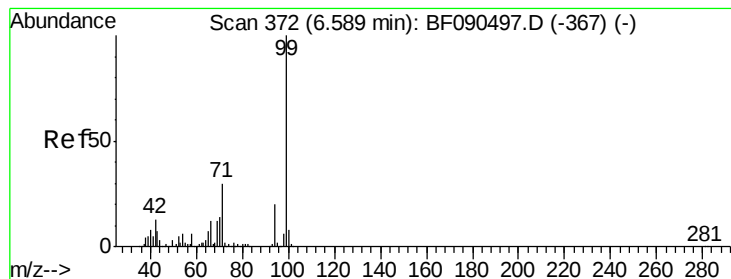


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.64 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

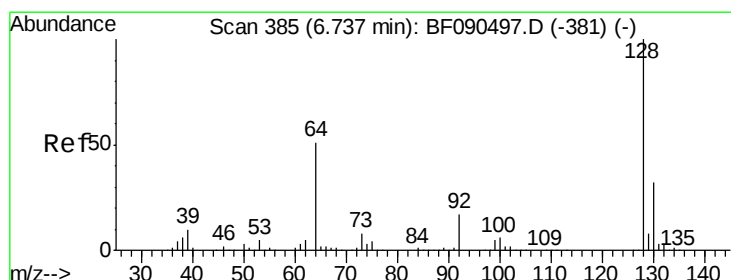
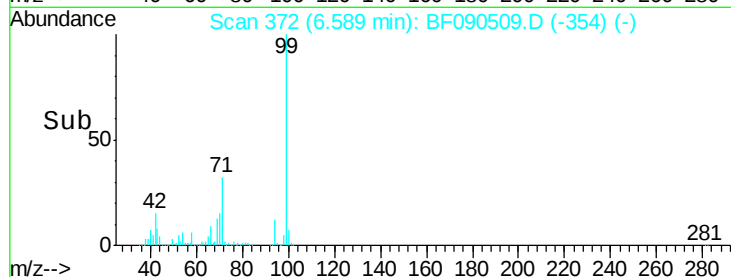
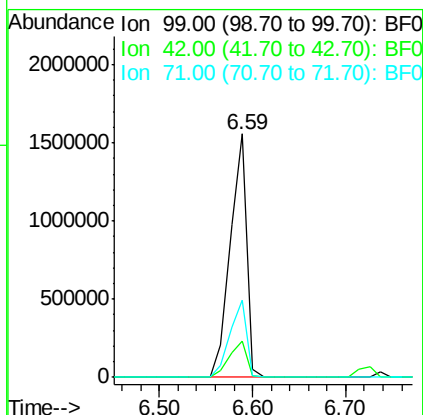
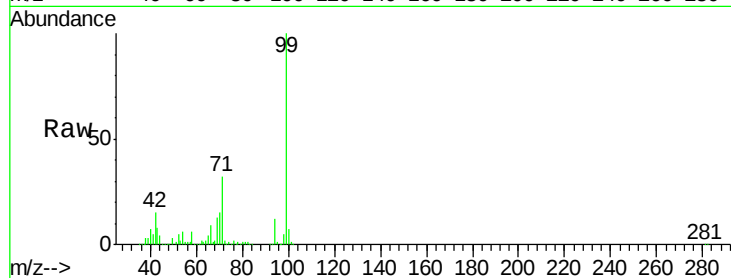
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Tgt Ion: 99 Resp: 1922125

Ion	Ratio	Lower	Upper
99	100		
42	14.7	20.0	30.0#
71	31.8	27.9	41.9



#8

2-Chlorophenol

Concen: 37.65 ng

RT: 6.74 min Scan# 385

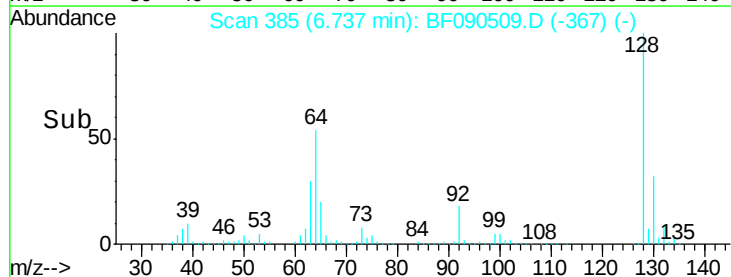
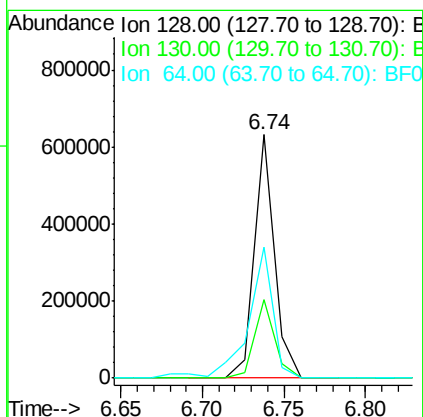
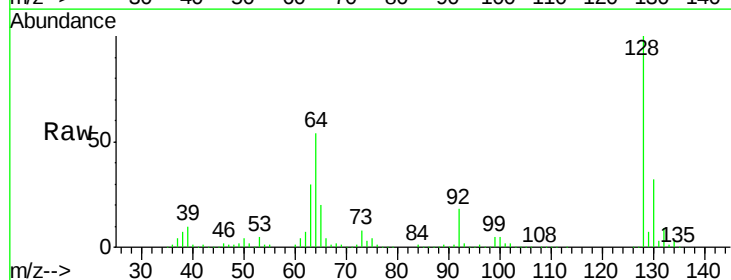
Delta R.T. 0.00 min

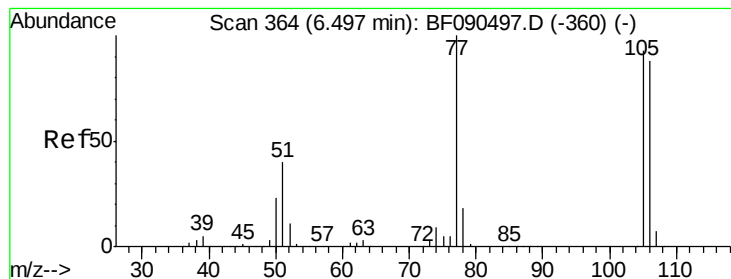
Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion: 128 Resp: 541540

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	53.9	36.0	76.0





#9

Benzaldehyde

Concen: 15.95 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

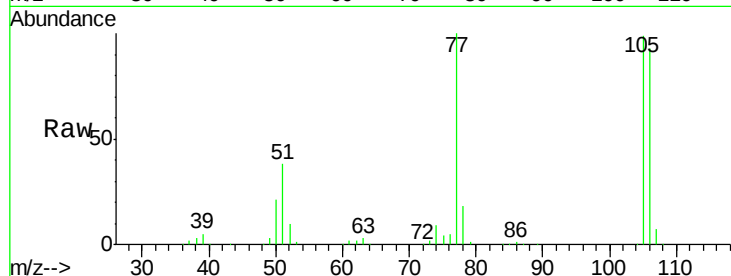
Tgt Ion: 77 Resp: 171410

Ion Ratio Lower Upper

77 100

105 98.5 73.1 113.1

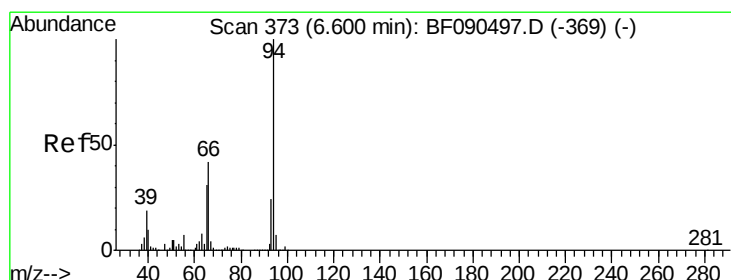
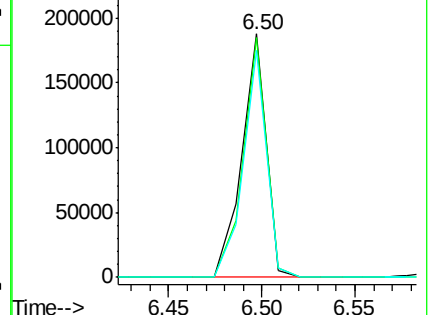
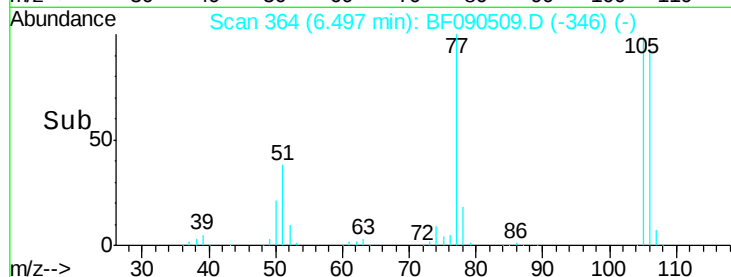
106 93.4 70.2 110.2



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: 41.98 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

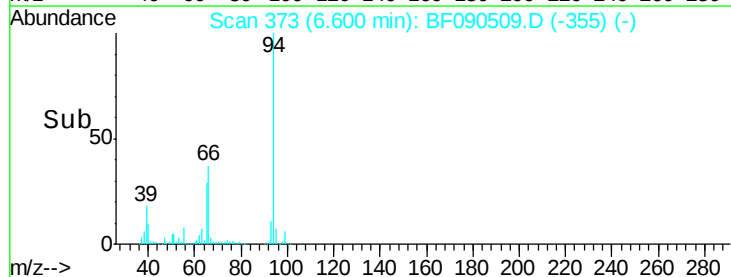
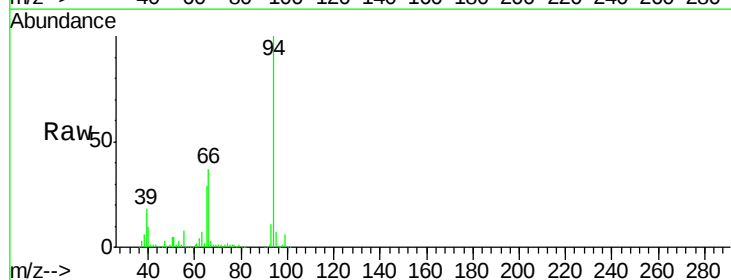
Tgt Ion: 94 Resp: 808027

Ion Ratio Lower Upper

94 100

65 28.9 13.3 53.3

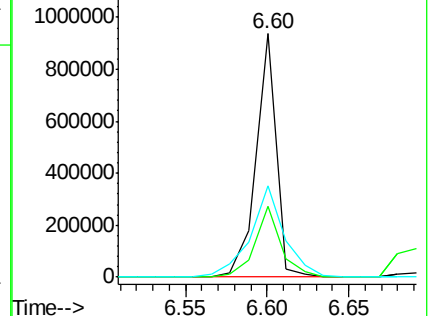
66 37.3 20.4 60.4

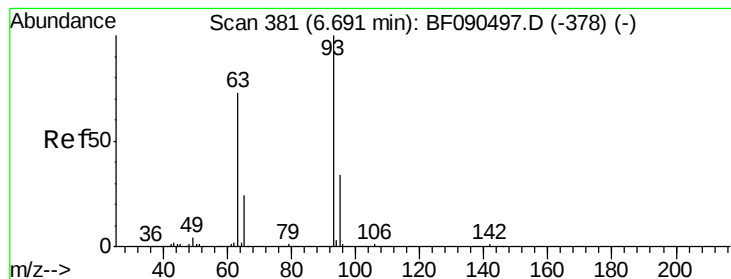


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.93 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

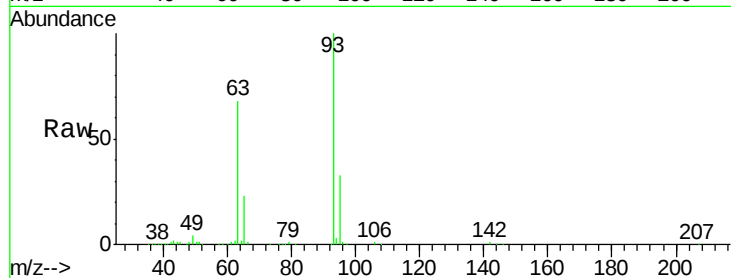
Tgt Ion: 93 Resp: 575244

Ion Ratio Lower Upper

93 100

63 67.7 59.7 99.7

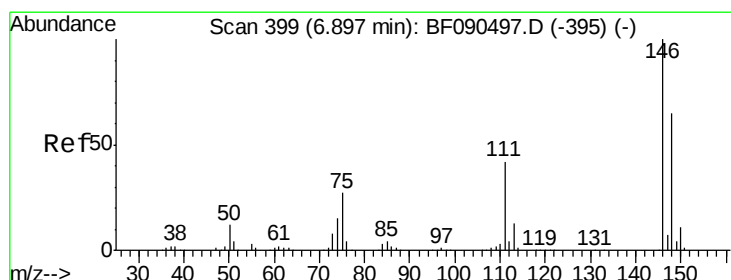
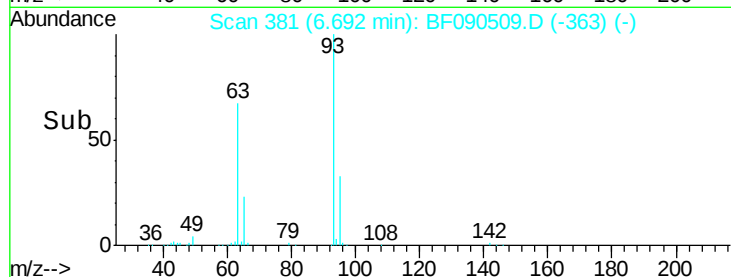
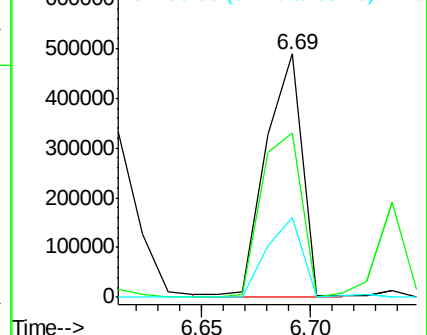
95 33.0 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.13 ng

RT: 6.90 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

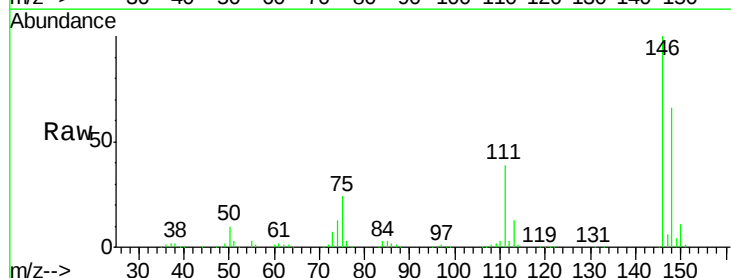
Tgt Ion: 146 Resp: 576176

Ion Ratio Lower Upper

146 100

148 65.8 52.2 78.4

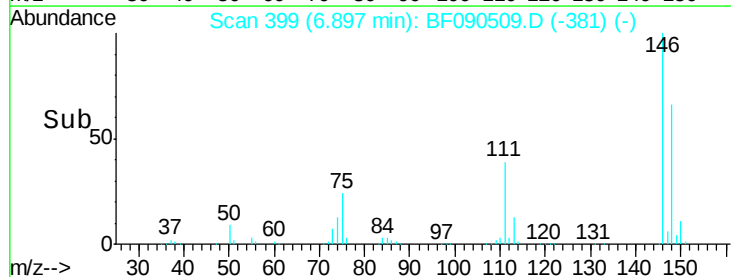
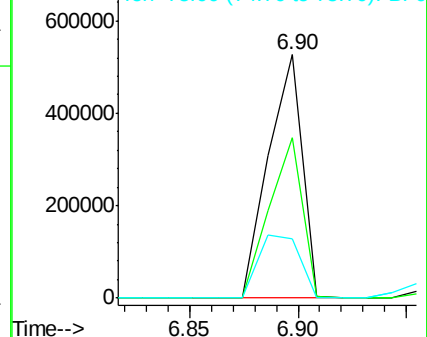
75 24.3 21.4 32.2

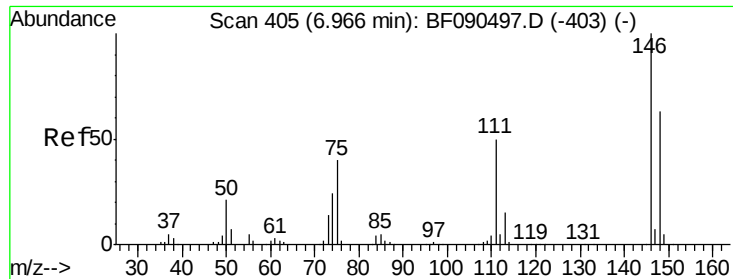


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

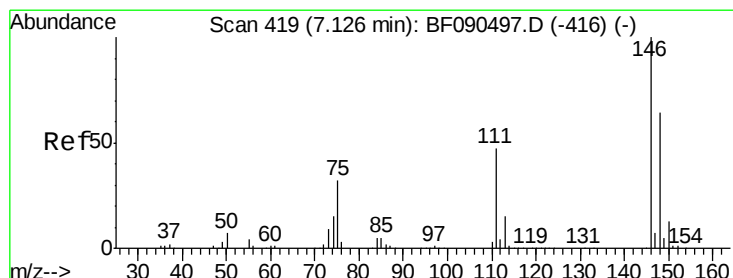
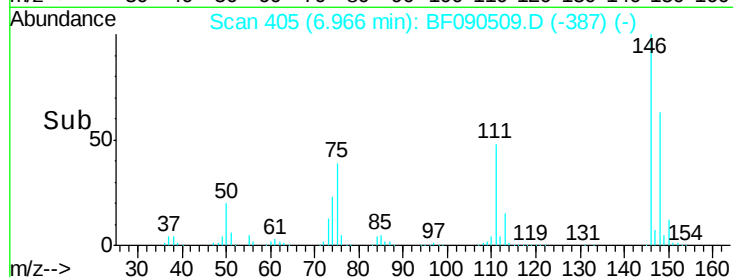
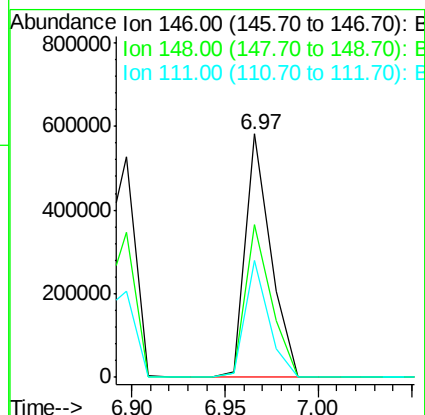
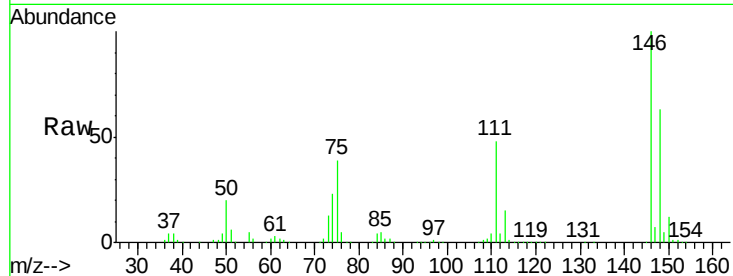




#13
 1,4-Dichlorobenzene
 Concen: 34.74 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

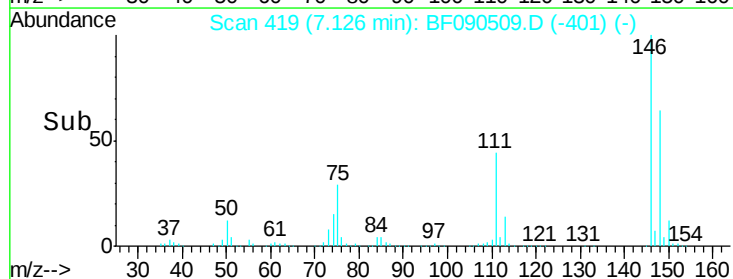
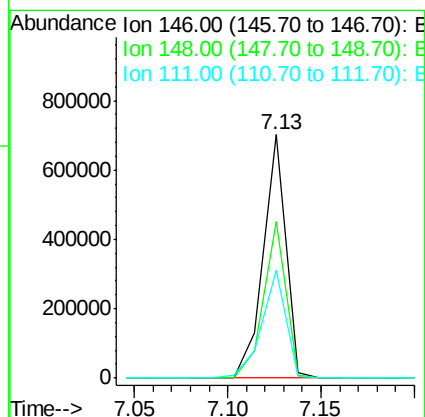
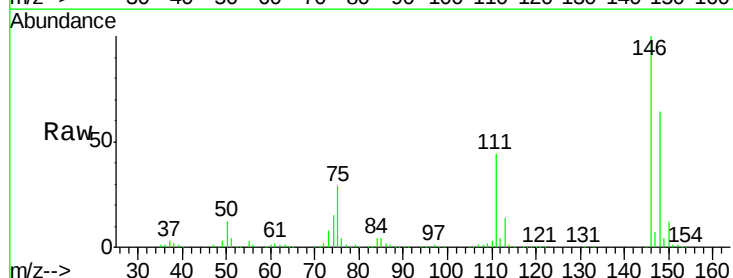
Instrument :
 BNA_F
 ClientSampleID :
 PB93889BS

Tgt Ion:146 Resp: 550027
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.1 76.7
 111 48.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.53 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:146 Resp: 583156
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 44.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 36.53 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

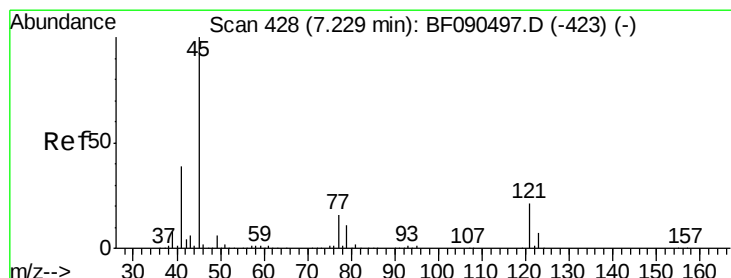
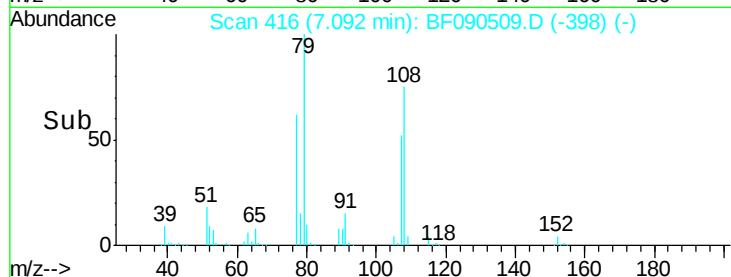
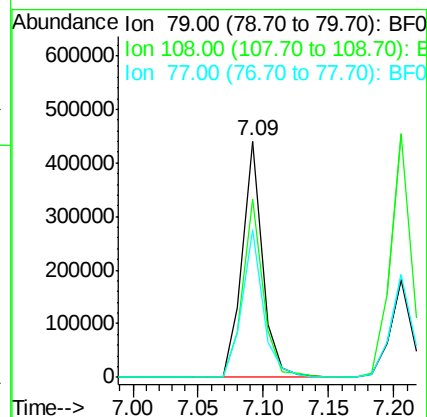
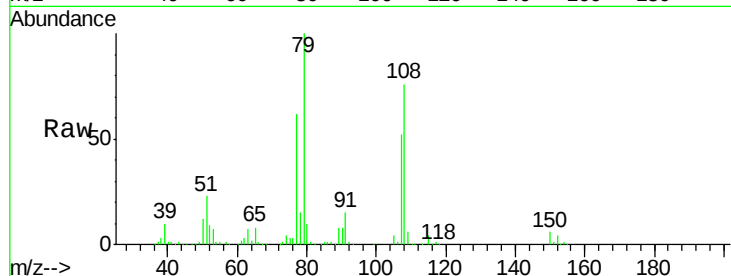
Tgt Ion: 79 Resp: 478568

Ion Ratio Lower Upper

79 100

108 75.7 60.9 91.3

77 62.4 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.38 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

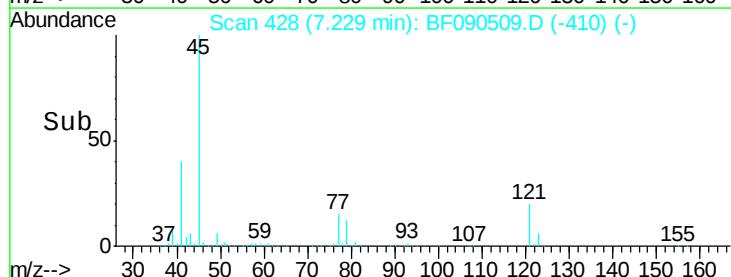
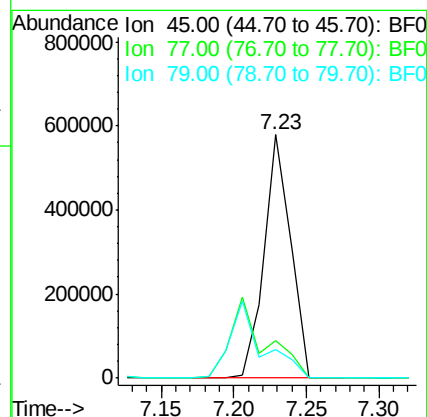
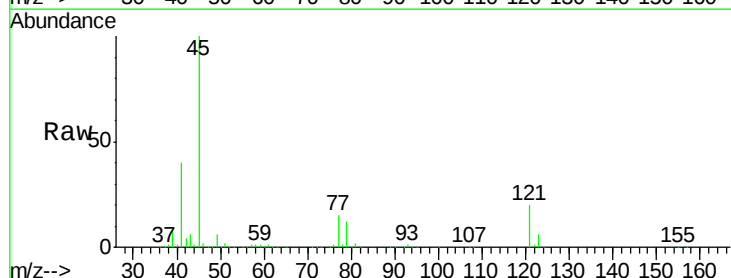
Tgt Ion: 45 Resp: 730563

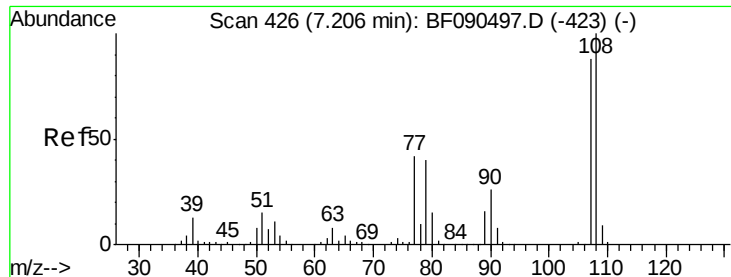
Ion Ratio Lower Upper

45 100

77 15.4 0.0 30.8

79 11.8 0.0 28.2

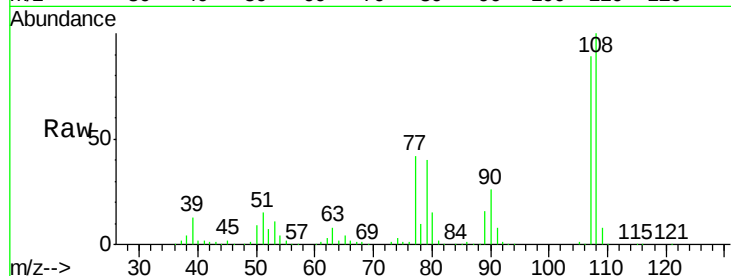




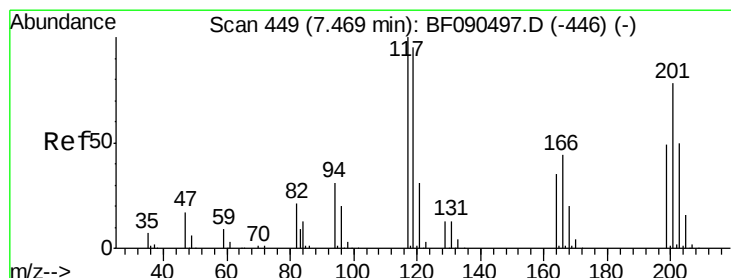
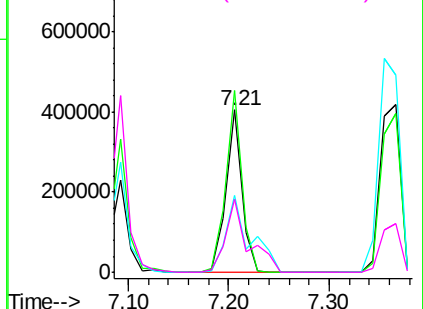
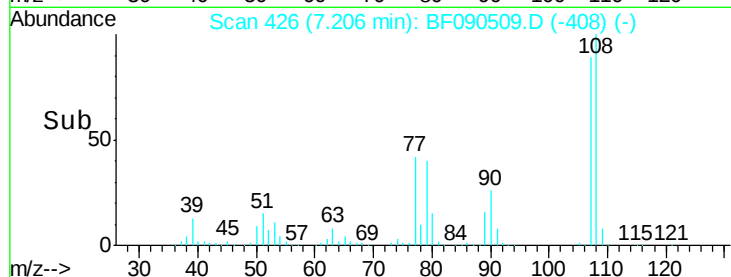
#17
2-Methylphenol
Concen: 38.10 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tgt Ion:107 Resp: 445729
Ion Ratio Lower Upper
107 100
108 112.2 90.9 136.3
77 47.2 38.2 57.4
79 45.3 37.0 55.4

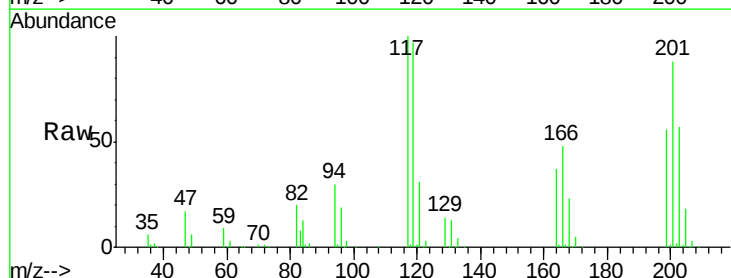


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

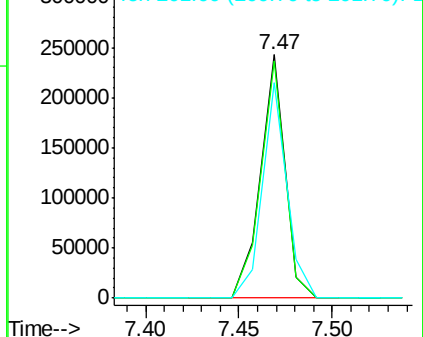
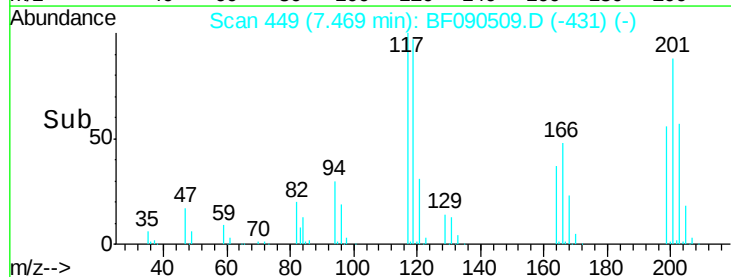


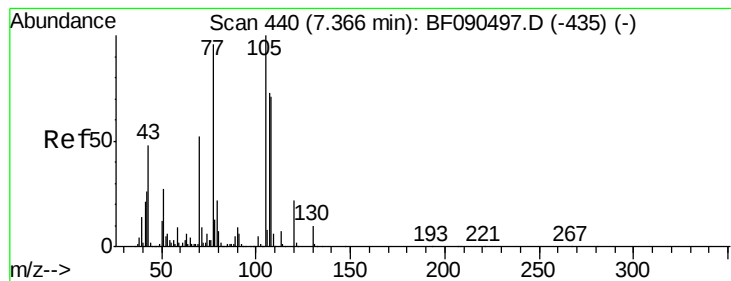
#18
Hexachloroethane
Concen: 37.36 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:117 Resp: 218275
Ion Ratio Lower Upper
117 100
119 97.2 75.9 113.9
201 88.4 66.5 99.7



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: 38.12 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tgt Ion: 70 Resp: 414850

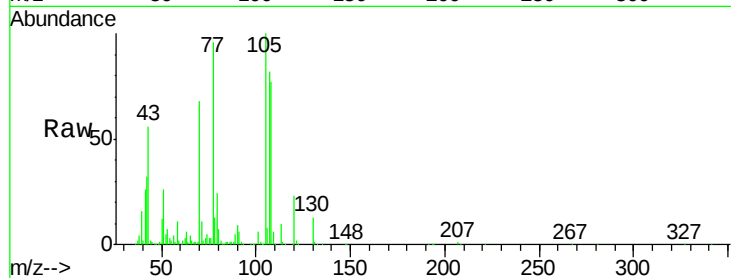
Ion Ratio Lower Upper

70 100

42 46.8 55.4 83.2#

101 8.7 7.6 11.4

130 19.4 16.5 24.7

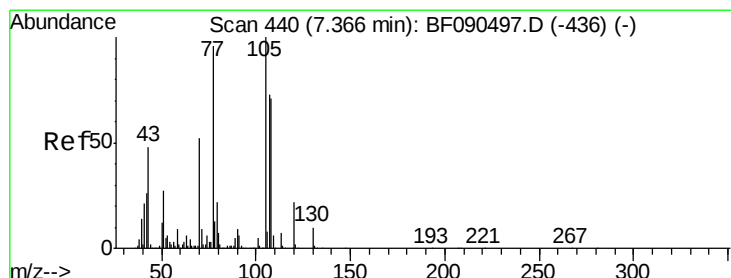
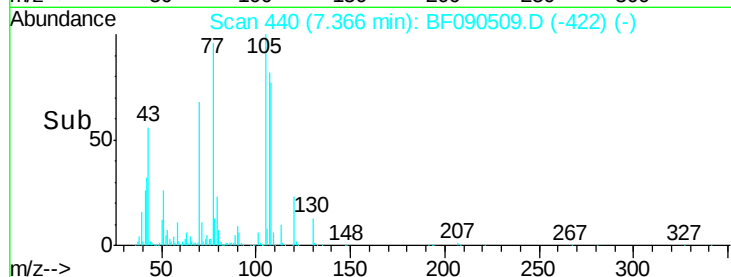
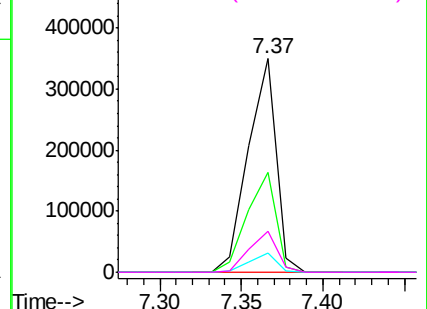


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.57 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion:107 Resp: 586163

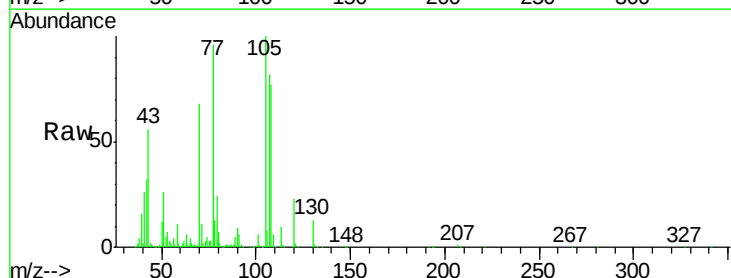
Ion Ratio Lower Upper

107 100

108 94.5 66.7 106.7

77 117.3 53.7 93.7#

79 29.0 8.4 48.4

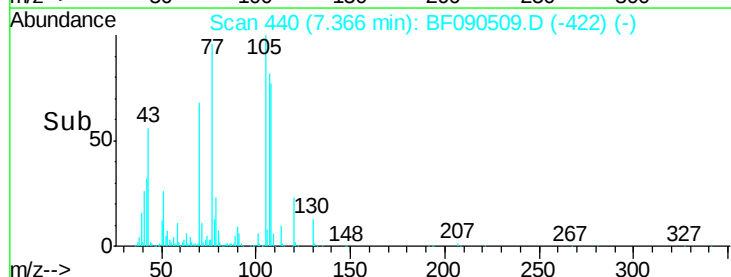
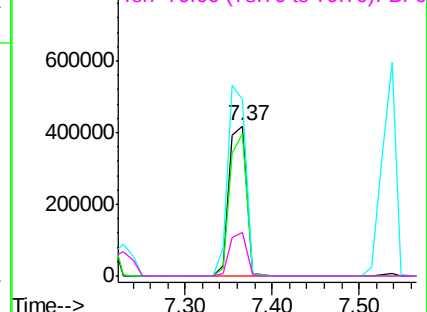


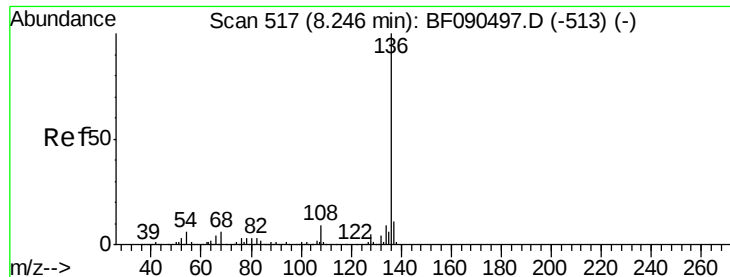
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

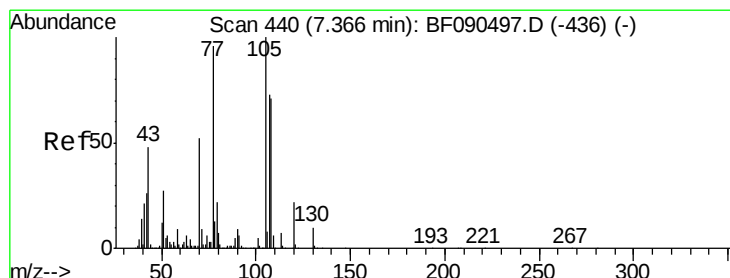
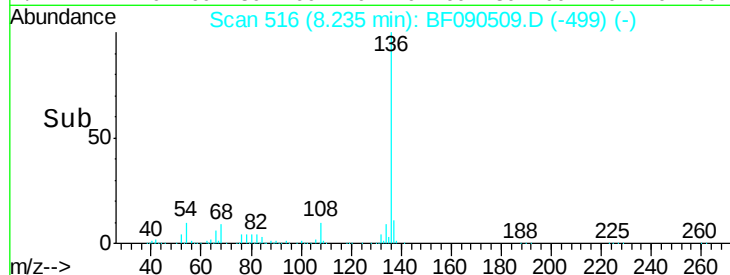
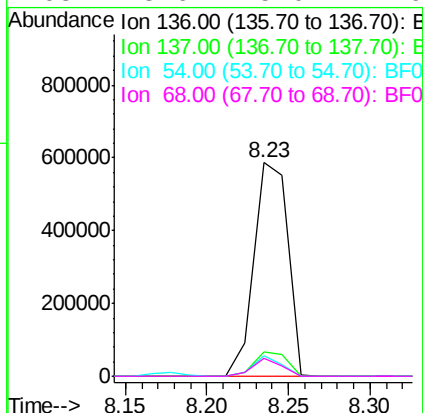
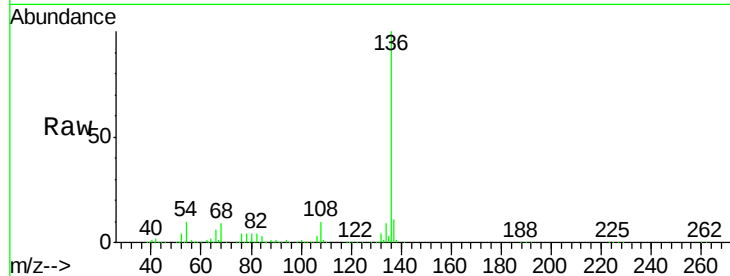




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

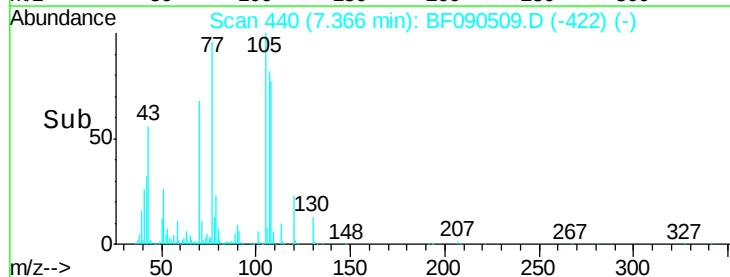
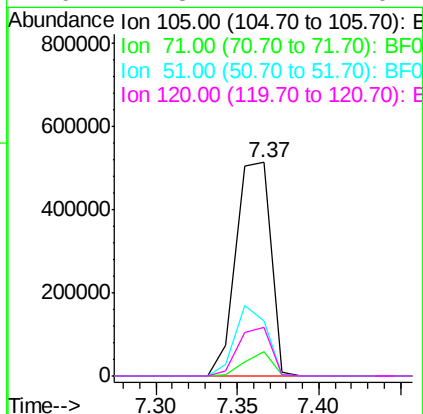
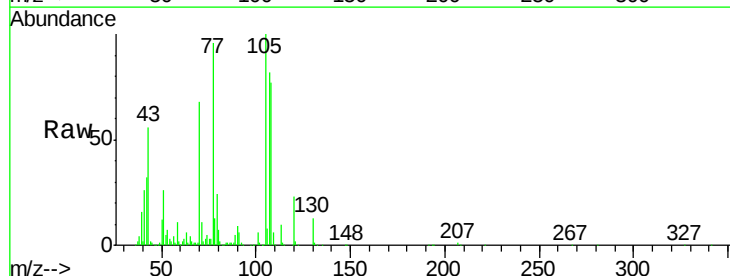
Instrument :
BNA_F
ClientSampleId :
PB93889BS

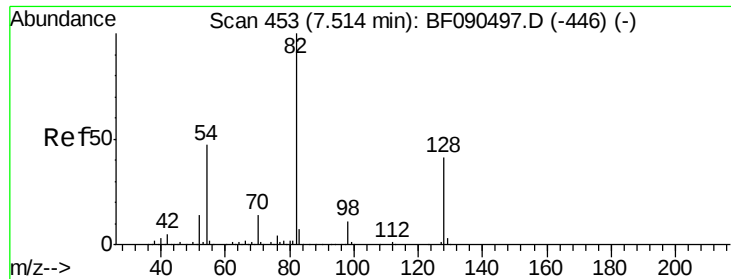
Tgt Ion:	136	Resp:	847665
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.7	6.6	10.0
68	8.6	5.0	7.6#



#22
Acetophenone
Concen: 40.50 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:	105	Resp:	755792
Ion Ratio	Lower	Upper	
105	100		
71	11.5	3.8	5.6#
51	25.8	28.2	42.4#
120	22.8	17.4	26.2

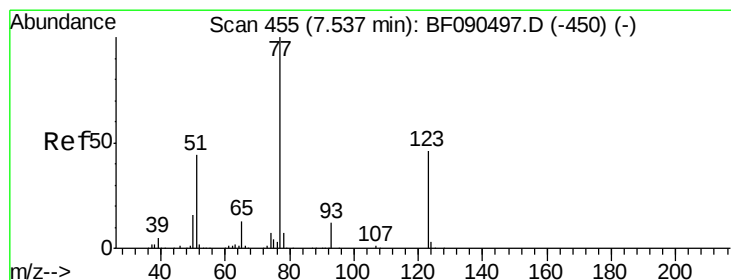
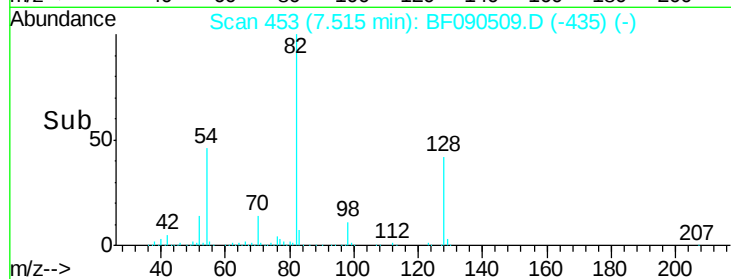
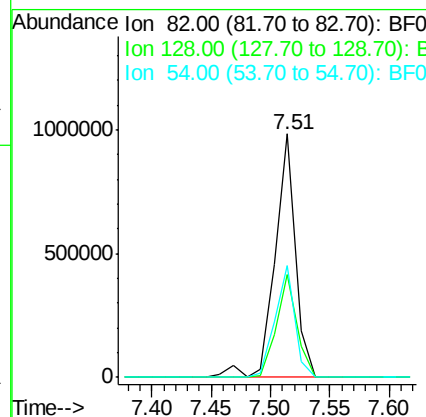
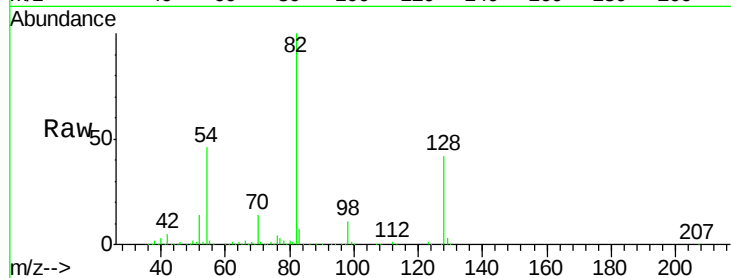




#23
 Nitrobenzene-d5
 Concen: 75.87 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

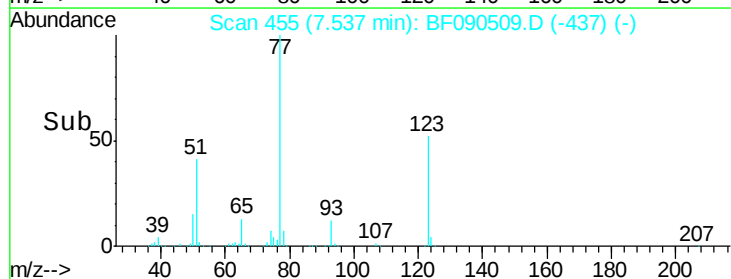
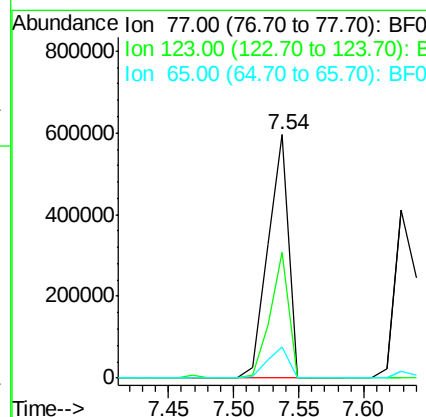
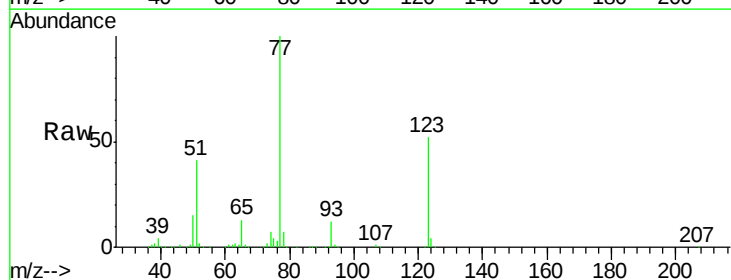
Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

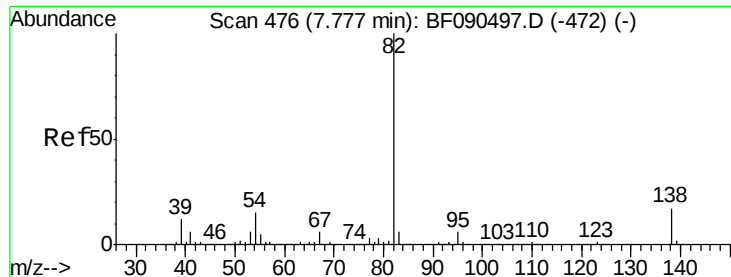
Tgt Ion: 82 Resp: 1185806
 Ion Ratio Lower Upper
 82 100
 128 42.1 40.0 60.0
 54 45.9 42.6 64.0



#24
 Nitrobenzene
 Concen: 39.05 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion: 77 Resp: 654597
 Ion Ratio Lower Upper
 77 100
 123 51.5 33.0 49.4#
 65 12.7 12.0 18.0





#25

Isophorone

Concen: 40.12 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

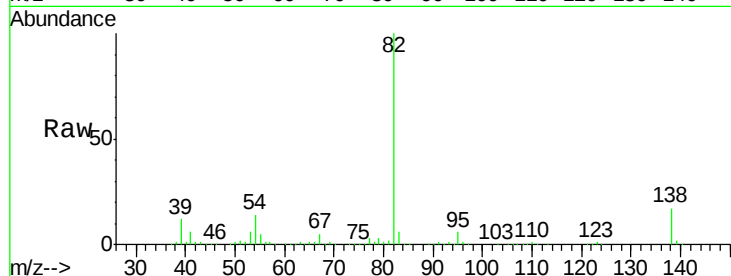
Tgt Ion: 82 Resp: 1141019

Ion Ratio Lower Upper

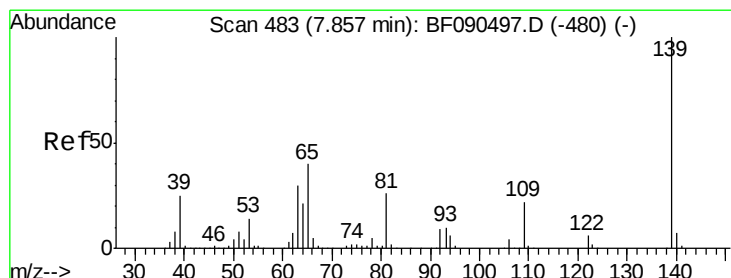
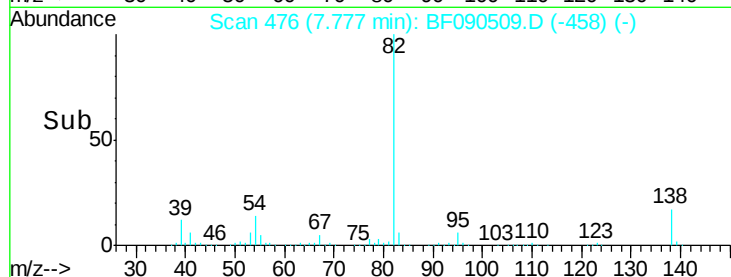
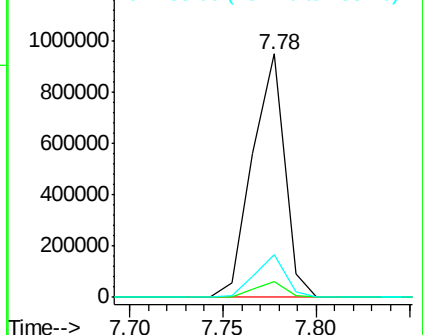
82 100

95 6.4 5.2 7.8

138 17.4 13.0 19.4



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



#26

2-Nitrophenol

Concen: 39.47 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

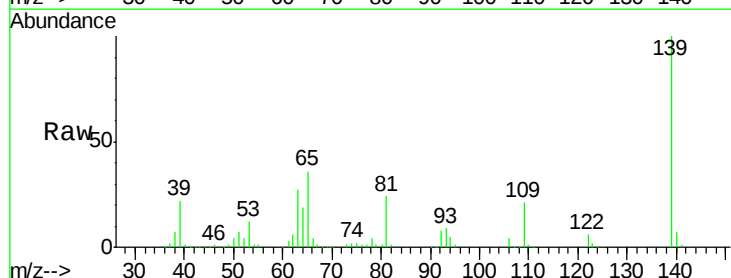
Tgt Ion: 139 Resp: 301864

Ion Ratio Lower Upper

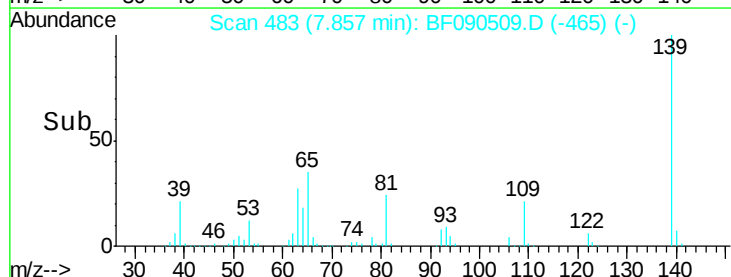
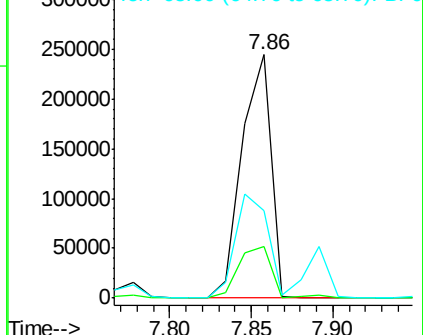
139 100

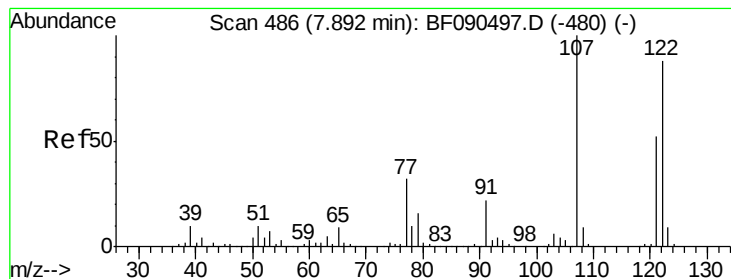
109 21.4 18.9 28.3

65 35.8 31.6 47.4



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





#27

2,4-Dimethylphenol

Concen: 40.39 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

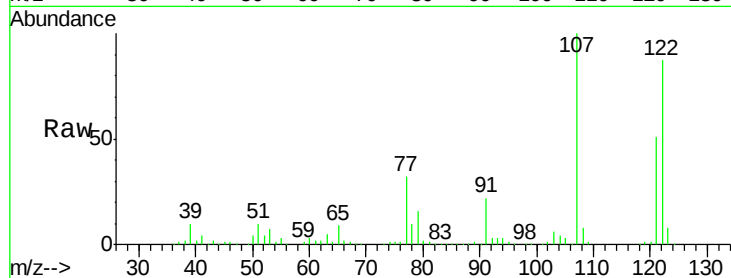
Tgt Ion:122 Resp: 525097

Ion Ratio Lower Upper

122 100

107 115.5 88.6 132.8

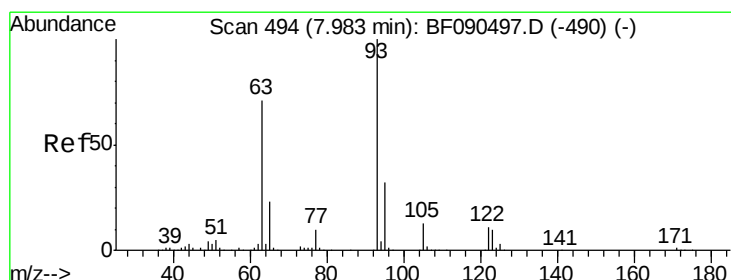
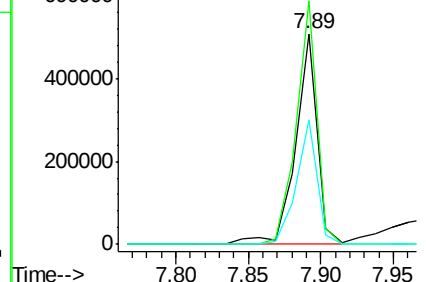
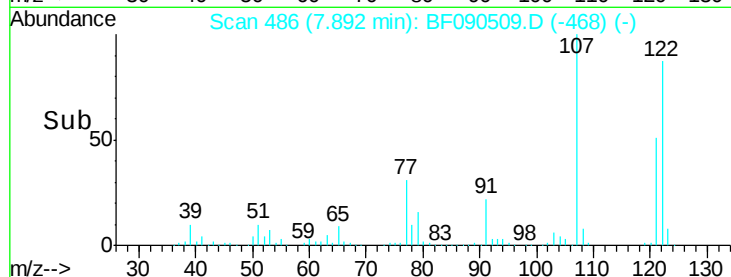
121 58.9 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.26 ng

RT: 7.98 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

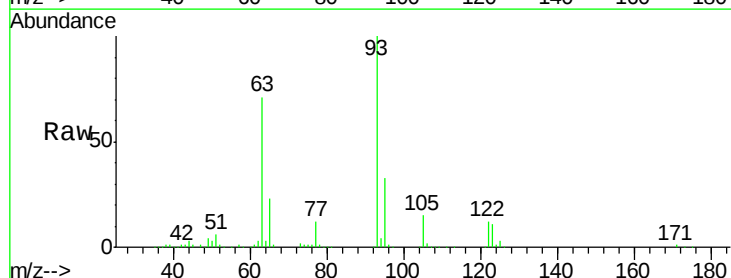
Tgt Ion: 93 Resp: 672044

Ion Ratio Lower Upper

93 100

95 32.5 27.0 40.4

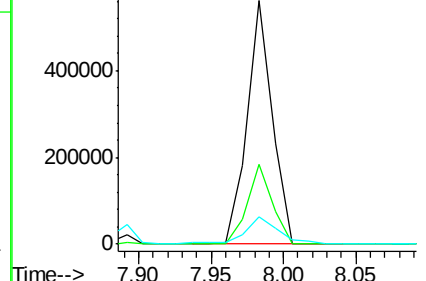
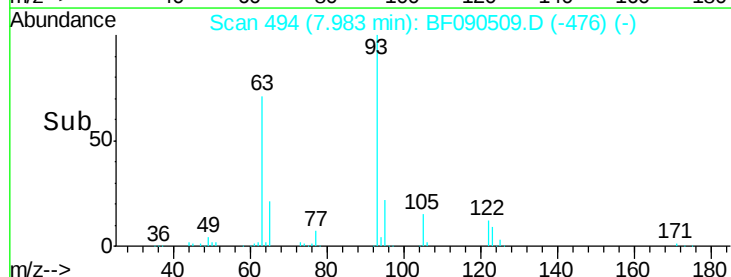
123 11.1 11.1 16.7

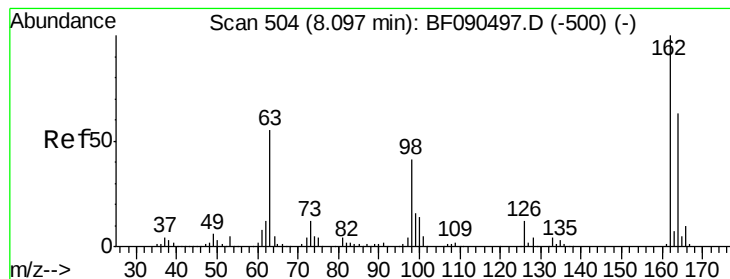


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.27 ng

RT: 8.10 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

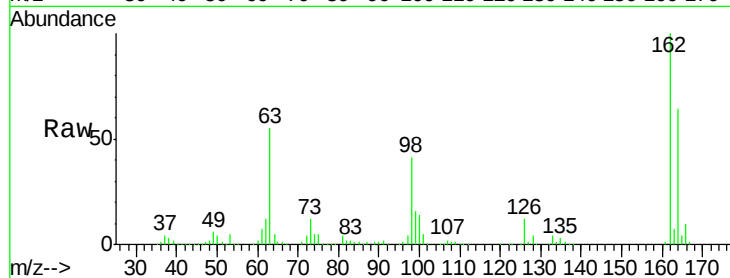
Tgt Ion:162 Resp: 459594

Ion Ratio Lower Upper

162 100

164 64.1 45.7 85.7

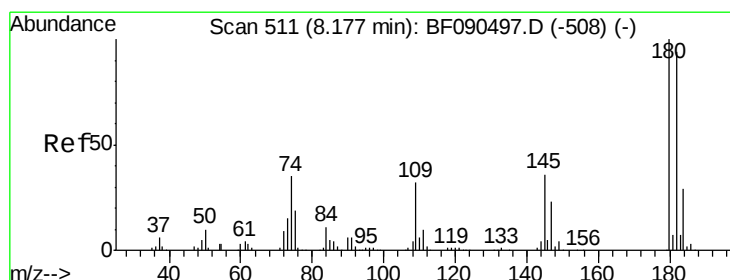
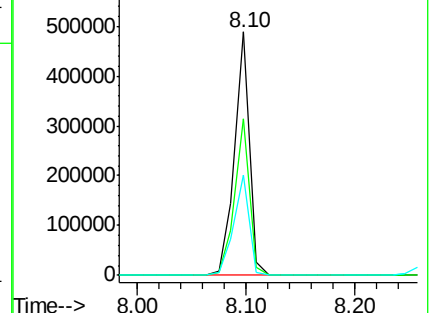
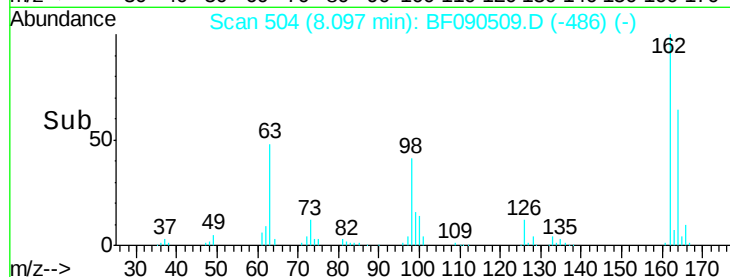
98 41.4 13.3 53.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.26 ng

RT: 8.18 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

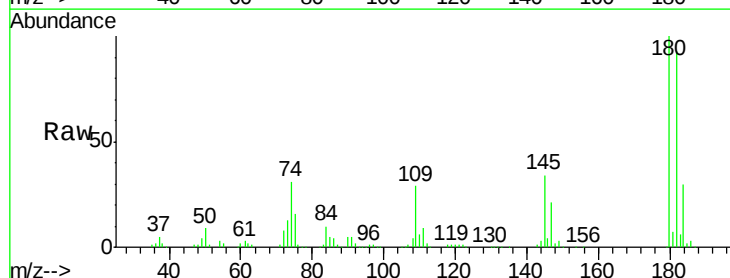
Tgt Ion:180 Resp: 452873

Ion Ratio Lower Upper

180 100

182 93.5 75.3 112.9

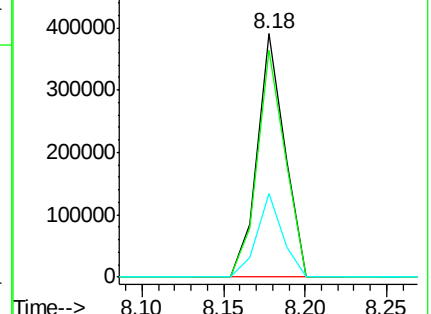
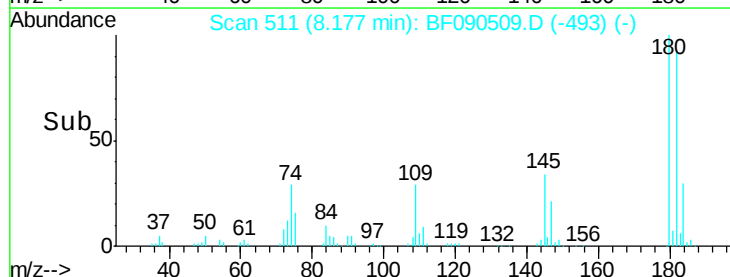
145 34.1 27.7 41.5

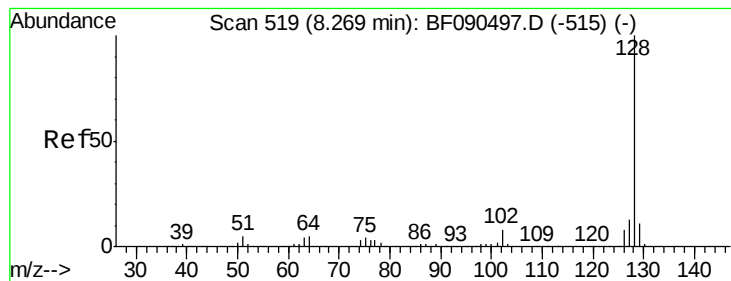


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.80 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

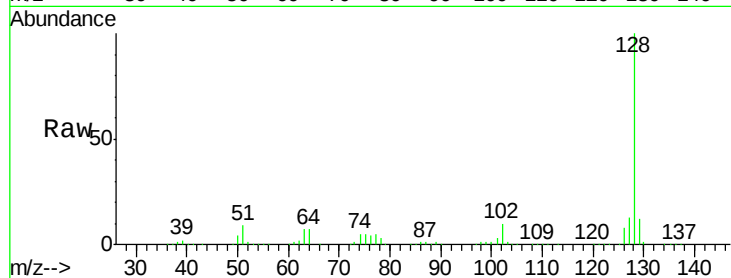
Tgt Ion:128 Resp: 1512041

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

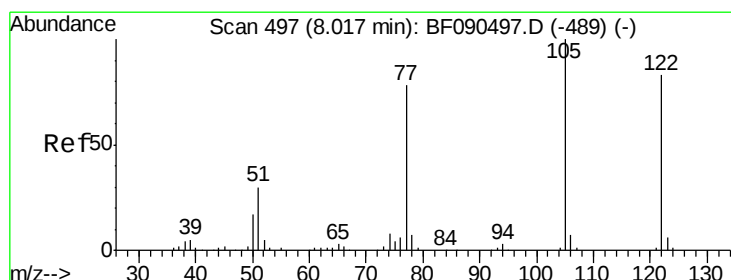
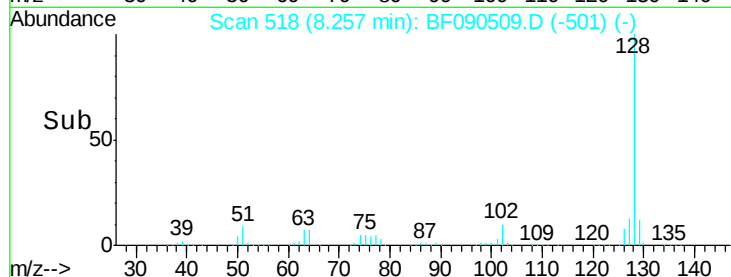
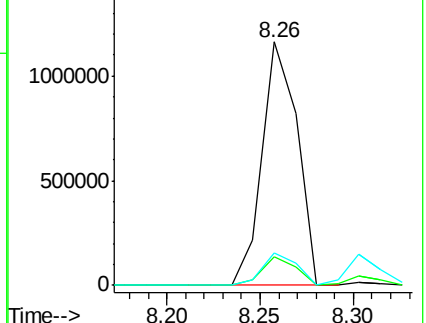
127 13.3 11.7 17.5



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: 34.85 ng

RT: 8.01 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

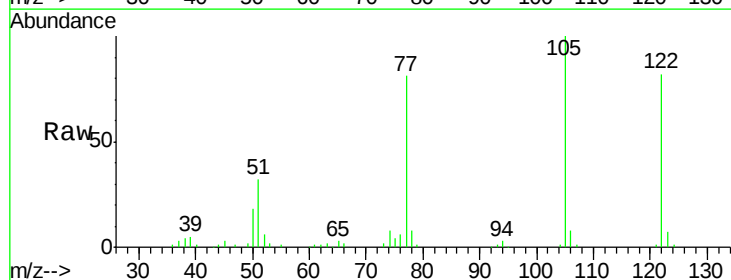
Tgt Ion:122 Resp: 357595

Ion Ratio Lower Upper

122 100

105 121.9 103.9 143.9

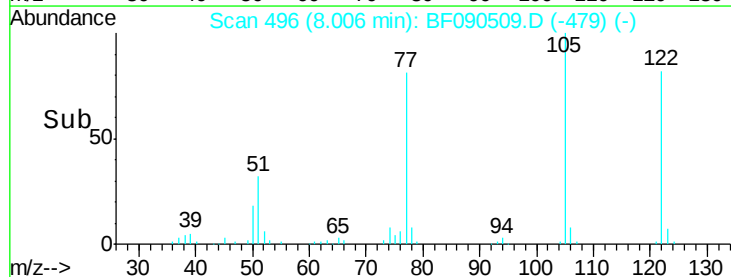
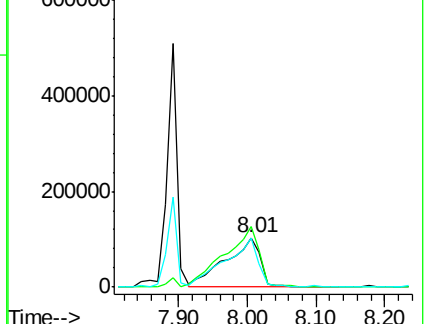
77 98.7 74.6 114.6



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

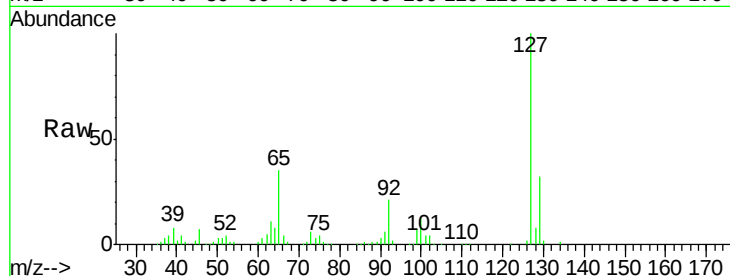




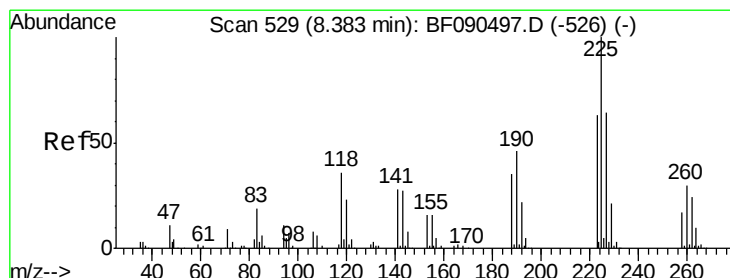
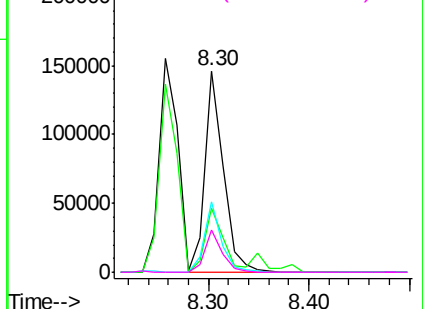
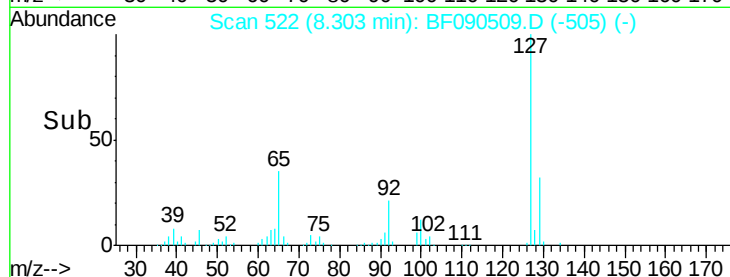
#33
4-Chloroaniline
Concen: 10.48 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tgt Ion:	127	Resp:	187361
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	35.1	32.5	48.7
92	20.8	17.2	25.8

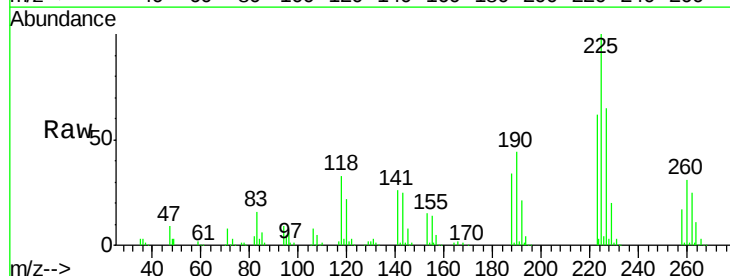


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

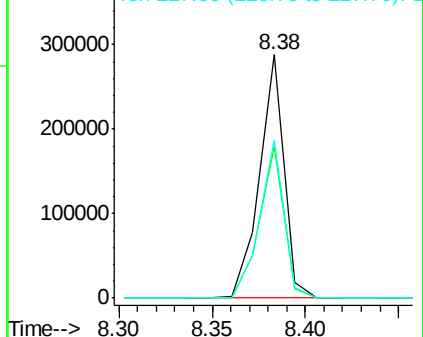
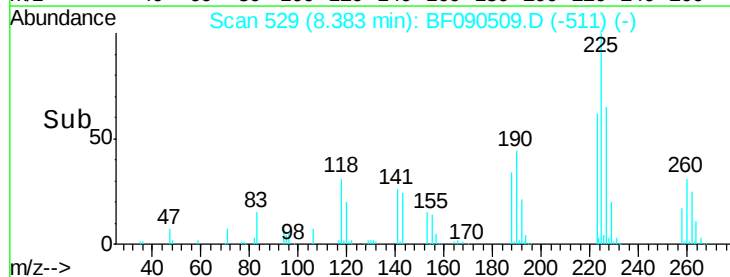


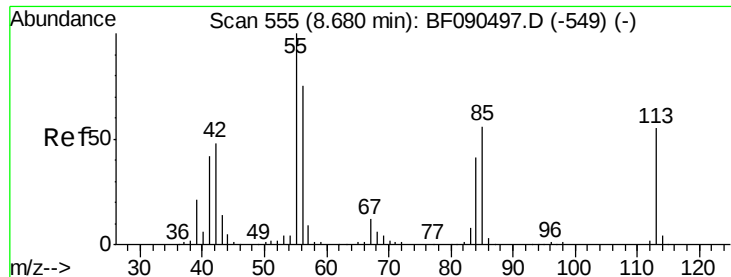
#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:	225	Resp:	263983
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	64.6	50.8	76.2



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

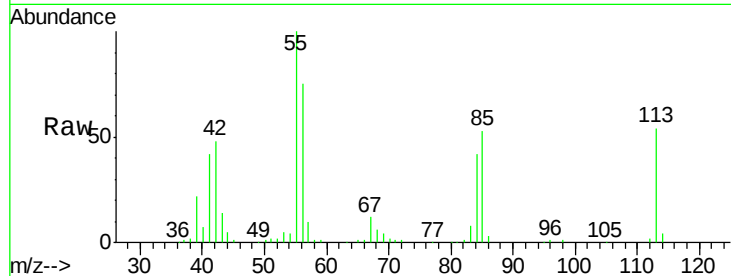




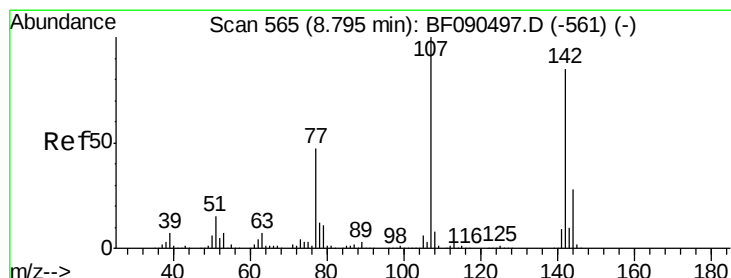
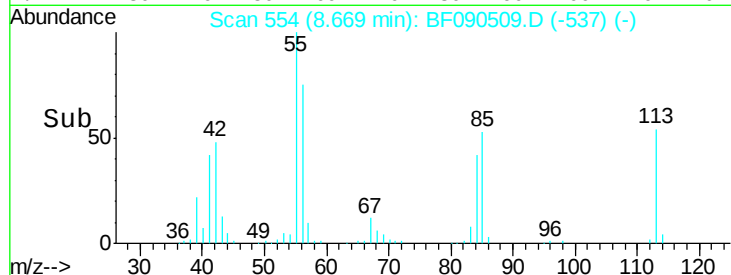
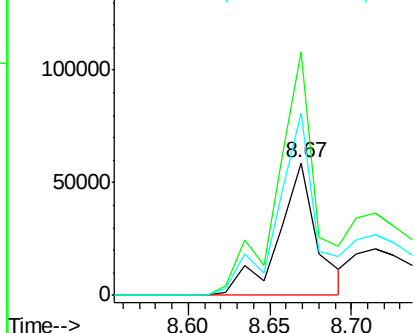
#35
 Caprolactam
 Concen: 27.32 ng
 RT: 8.67 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tgt Ion:113 Resp: 96308
 Ion Ratio Lower Upper
 113 100
 55 183.7 203.3 243.3#
 56 137.4 140.5 180.5#

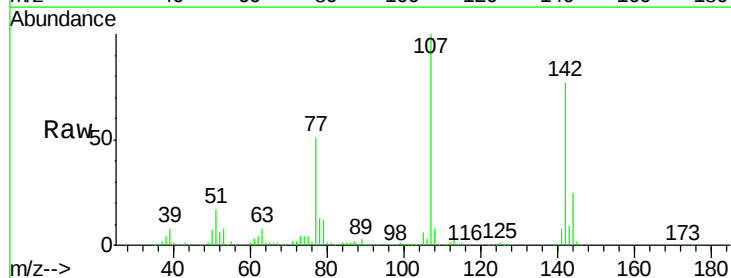


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

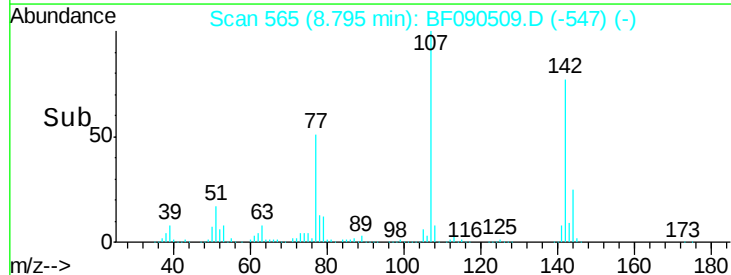
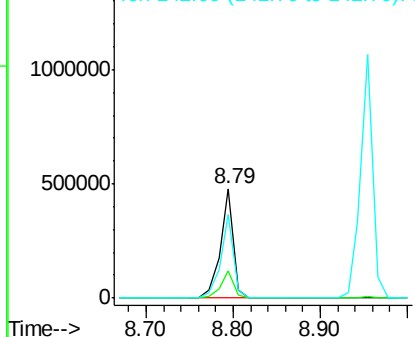


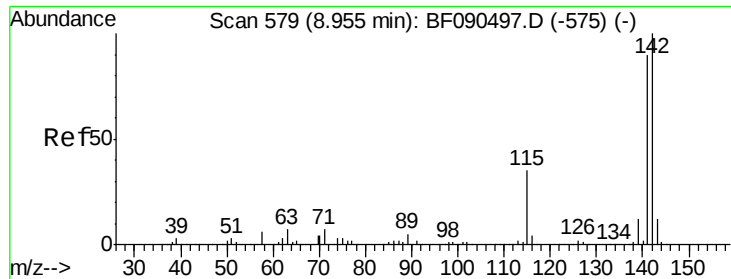
#36
 4-Chloro-3-methylphenol
 Concen: 39.69 ng
 RT: 8.79 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:107 Resp: 503970
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.8 29.8
 142 76.8 60.7 91.1



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

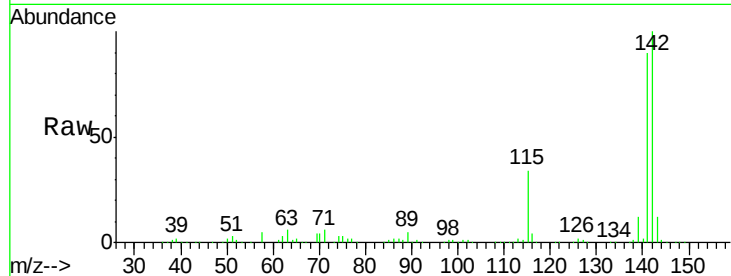




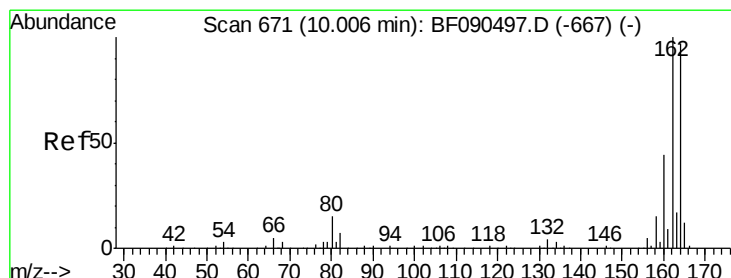
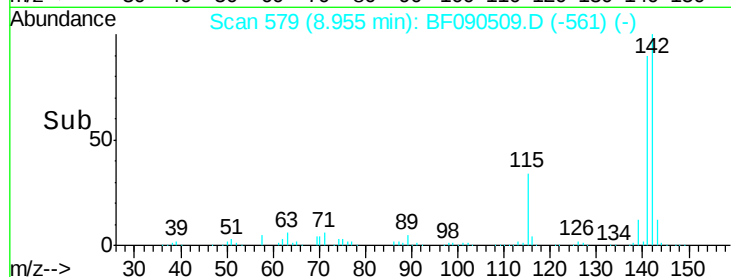
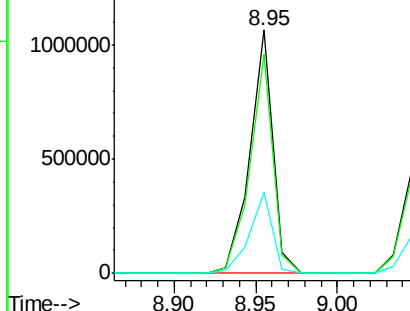
#37
 2-Methylnaphthalene
 Concen: 36.61 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tgt Ion:142 Resp: 1037745
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.8 107.8
 115 33.5 28.8 43.2

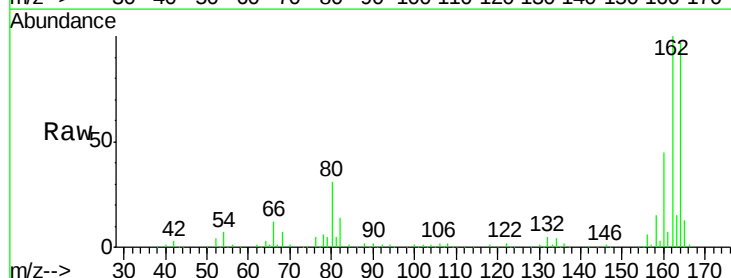


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

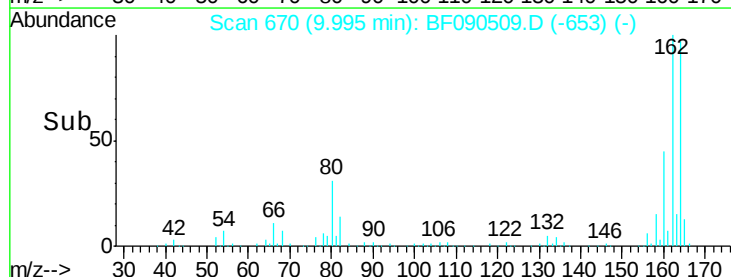
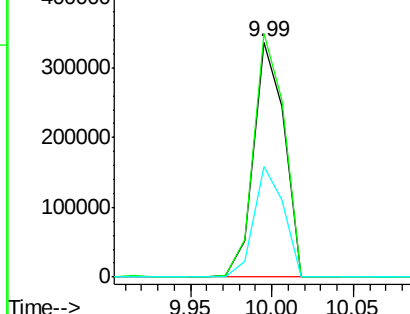


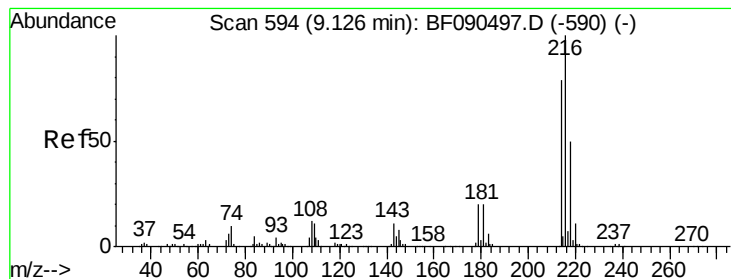
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:164 Resp: 436605
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.1 120.1
 160 46.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.56 ng

RT: 9.13 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

Tgt Ion:216 Resp: 495738

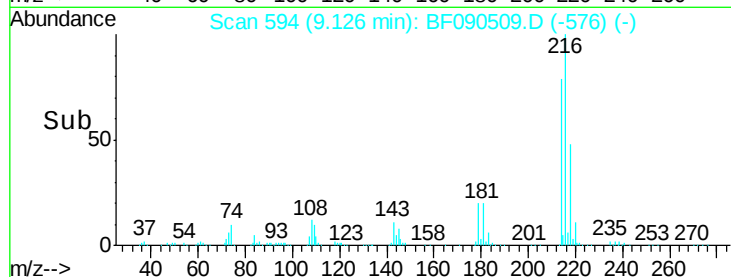
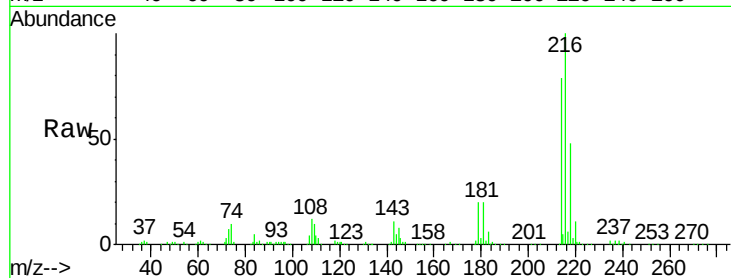
Ion Ratio Lower Upper

216 100

214 79.6 64.2 96.2

179 21.3 18.0 27.0

108 19.8 15.2 22.8

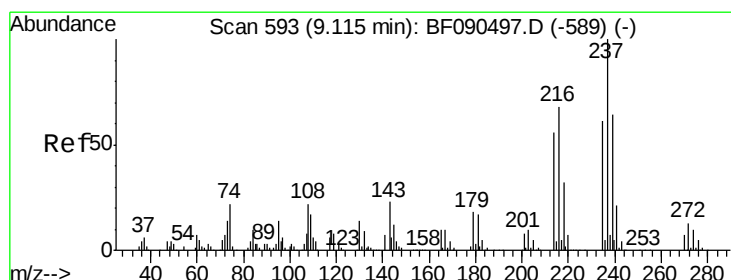
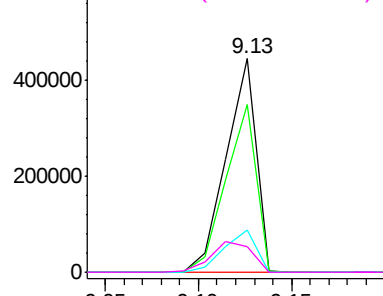


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 103.31 ng

RT: 9.11 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

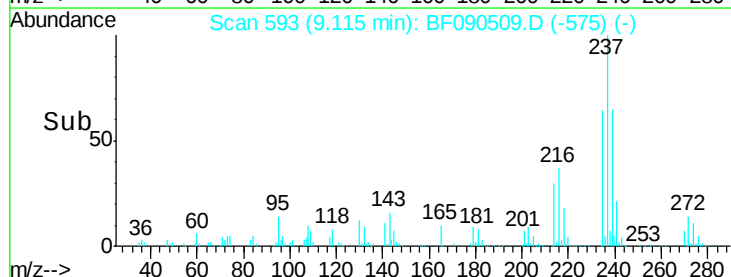
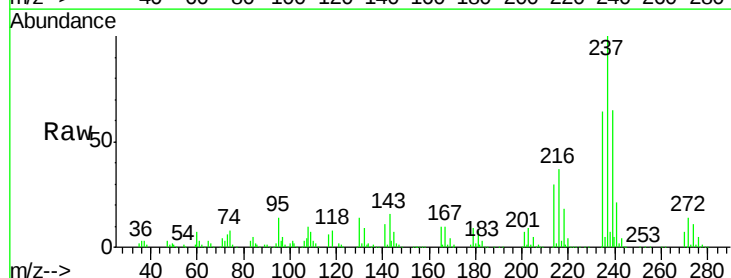
Tgt Ion:237 Resp: 626807

Ion Ratio Lower Upper

237 100

235 64.2 43.6 83.6

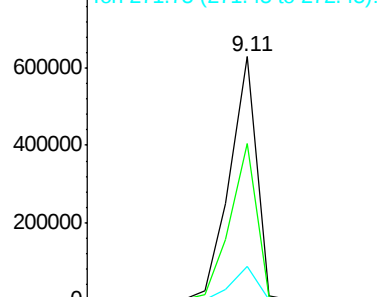
272 14.0 0.0 32.7

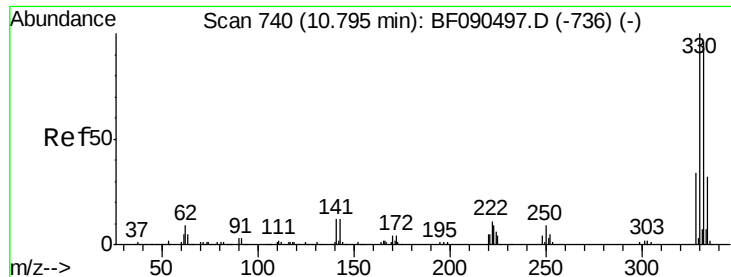


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

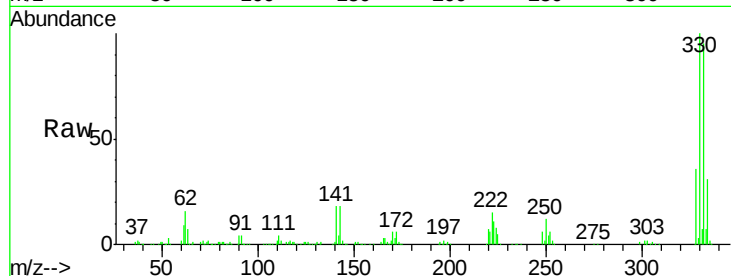




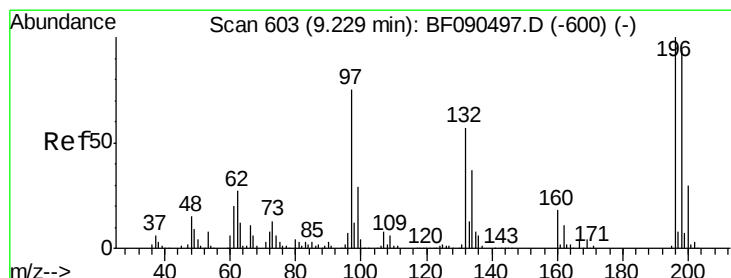
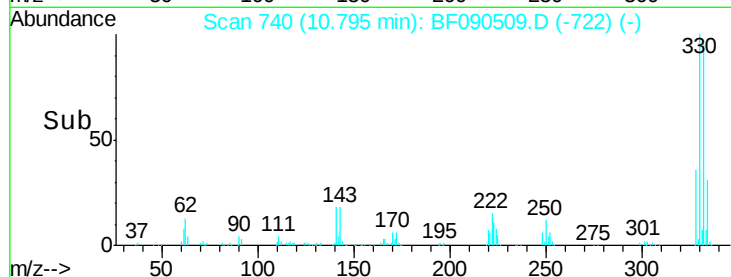
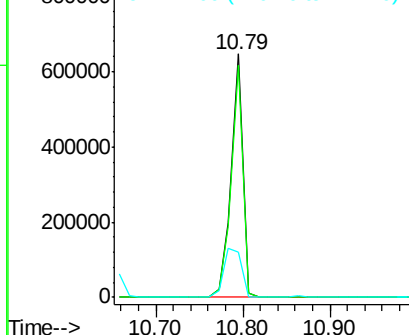
#41
 2,4,6-Tribromophenol
 Concen: 140.53 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tgt Ion:330 Resp: 608213
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.0
 141 30.8 26.9 40.3

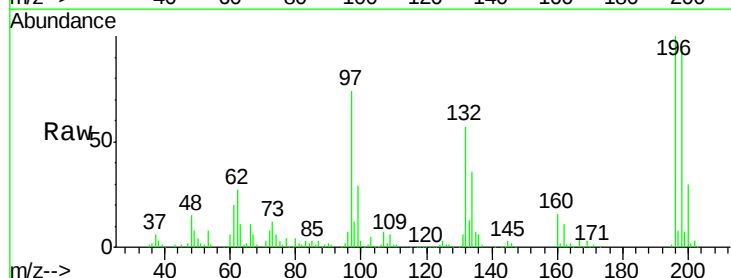


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

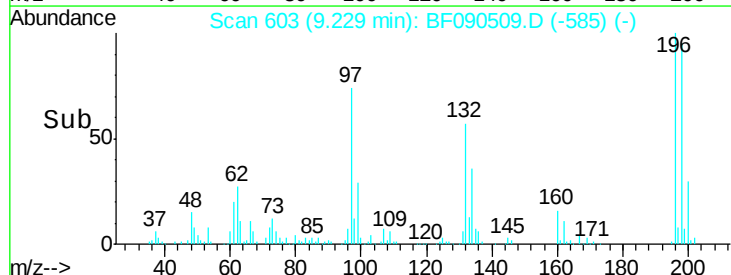
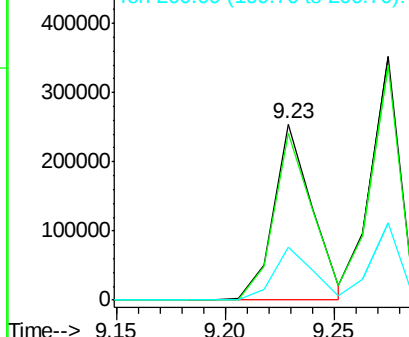


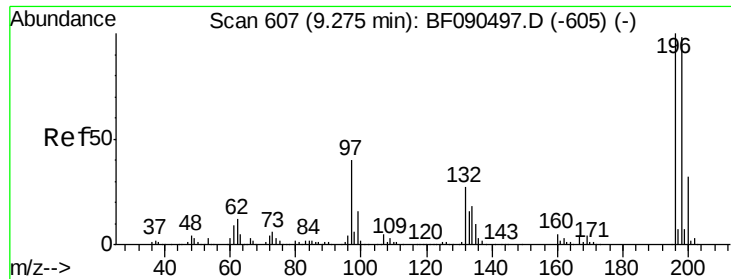
#42
 2,4,6-Trichlorophenol
 Concen: 38.41 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:196 Resp: 316545
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.9 118.3
 200 29.8 25.4 38.2



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

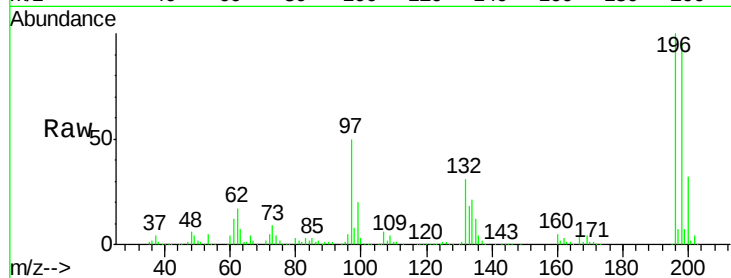




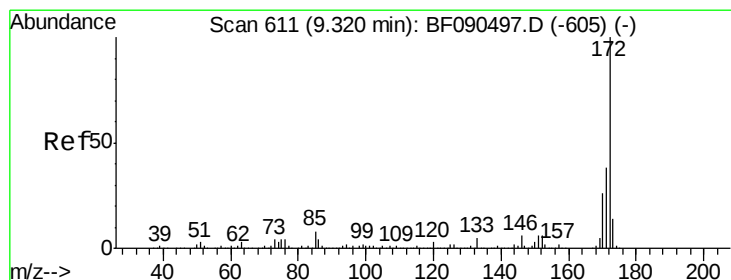
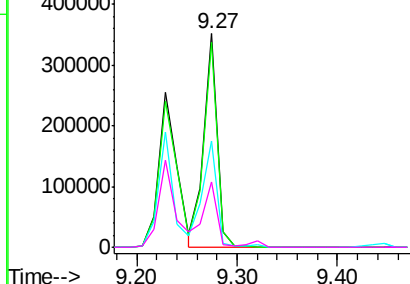
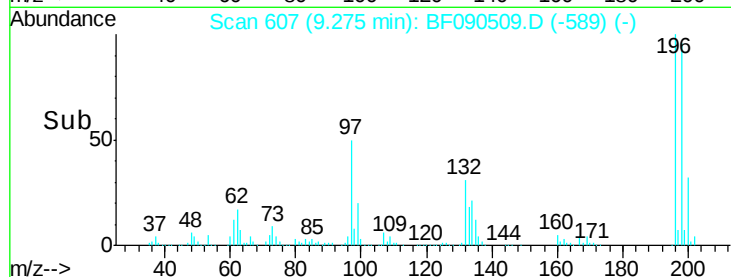
#43
 2,4,5-Trichlorophenol
 Concen: 40.57 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tgt Ion:196 Resp: 330876
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.1 117.1
 97 50.0 48.1 72.1
 132 30.5 27.4 41.2

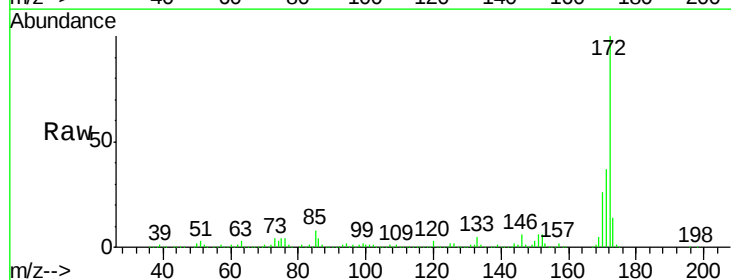


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

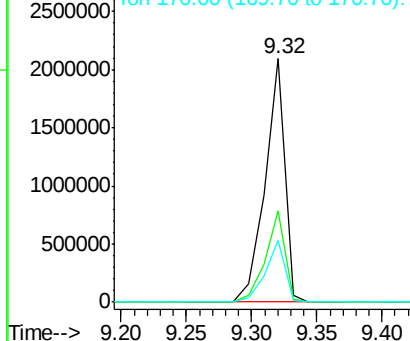
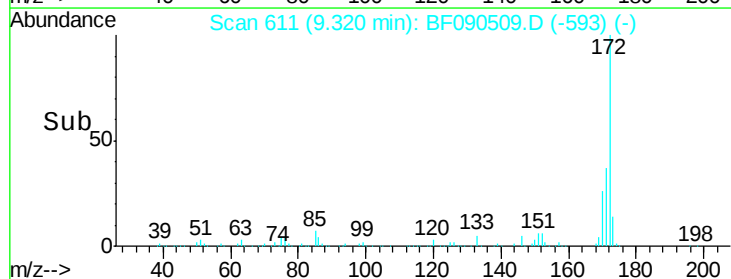


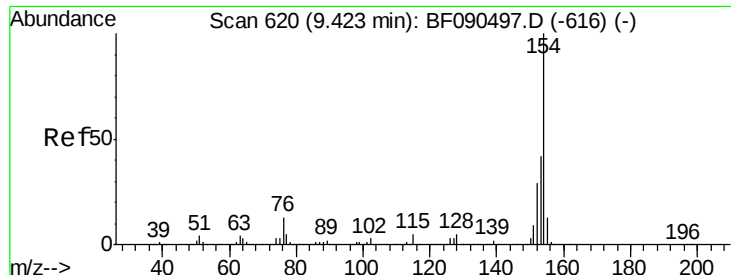
#44
 2-Fluorobiphenyl
 Concen: 85.17 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:172 Resp: 2212848
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.8
 170 25.6 21.7 32.5



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

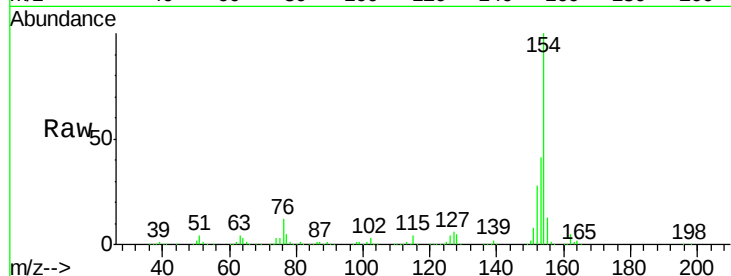




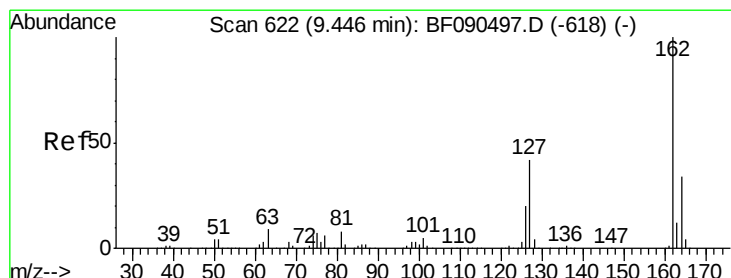
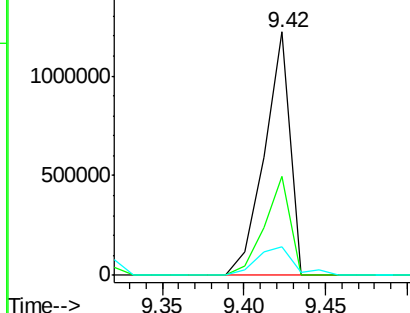
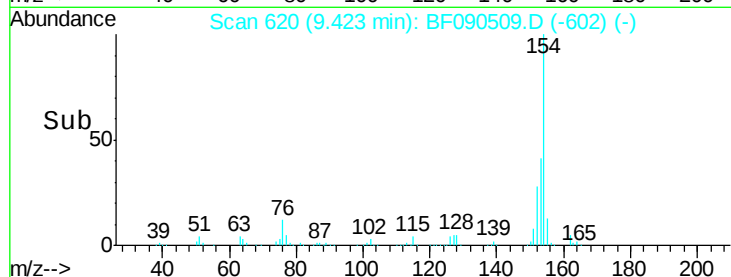
#45
 1,1'-Biphenyl
 Concen: 39.79 ng
 RT: 9.42 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tgt Ion:154 Resp: 1326951
 Ion Ratio Lower Upper
 154 100
 153 40.8 23.8 63.8
 76 11.6 0.0 35.8

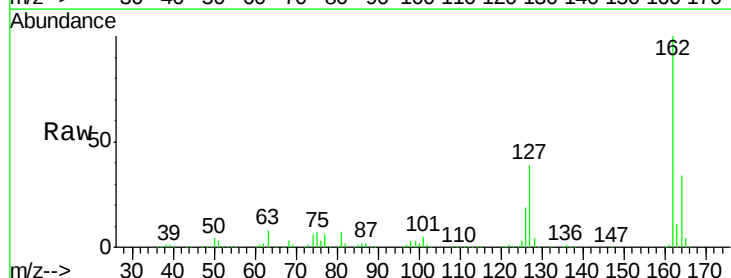


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

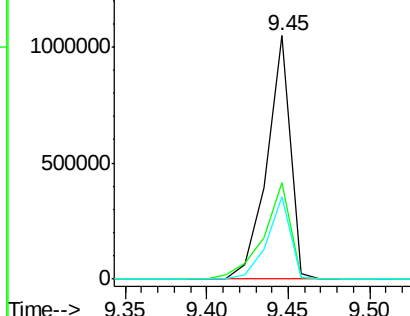
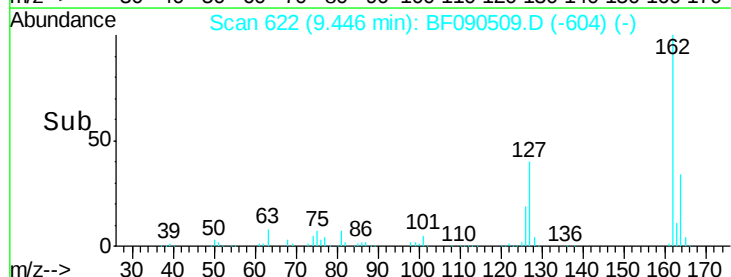


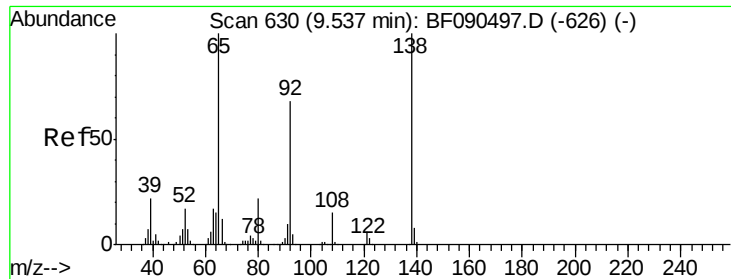
#46
 2-Chloronaphthalene
 Concen: 42.19 ng
 RT: 9.45 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:162 Resp: 1046887
 Ion Ratio Lower Upper
 162 100
 127 39.5 35.6 53.4
 164 33.7 27.5 41.3



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





#47

2-Nitroaniline

Concen: 40.80 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

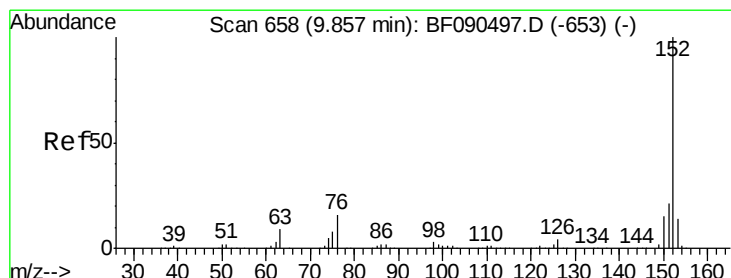
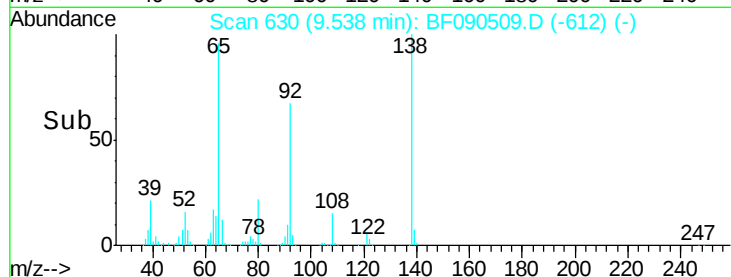
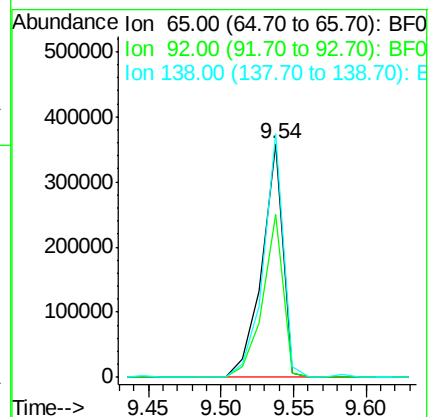
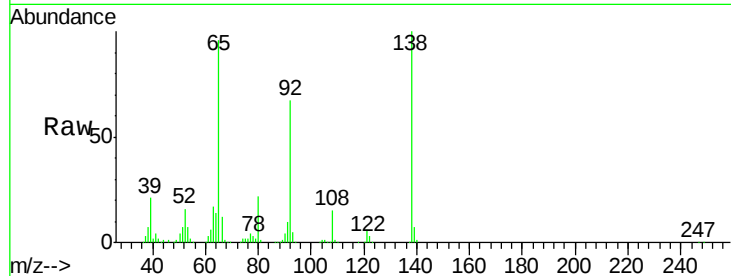
Tgt Ion: 65 Resp: 361060

Ion Ratio Lower Upper

65 100

92 70.0 51.7 77.5

138 104.3 79.0 118.4



#48

Acenaphthylene

Concen: 36.81 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

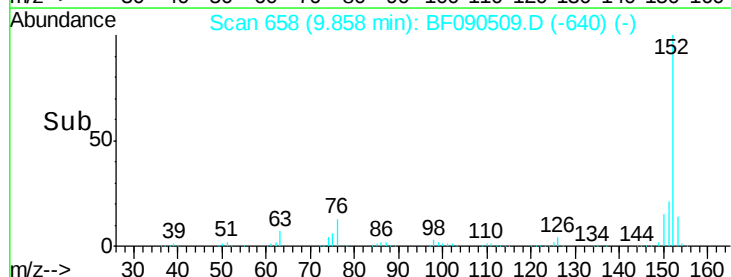
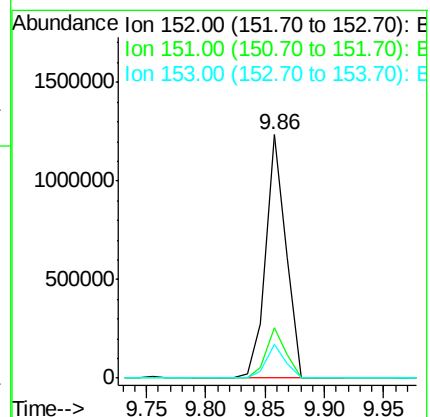
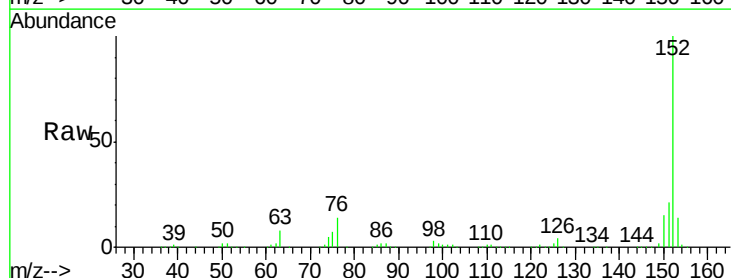
Tgt Ion: 152 Resp: 1473553

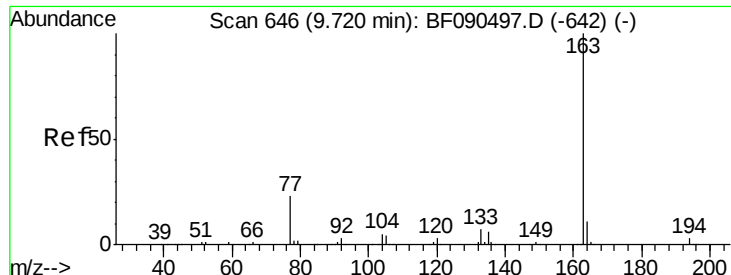
Ion Ratio Lower Upper

152 100

151 20.6 17.4 26.0

153 13.8 11.6 17.4

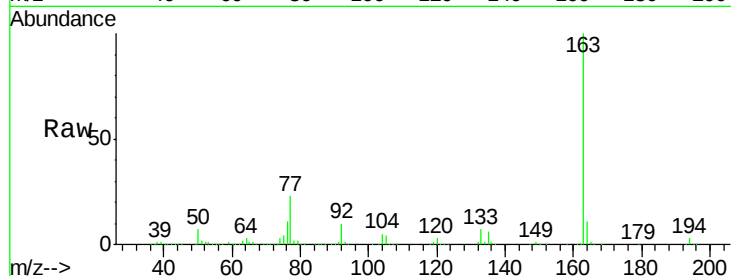




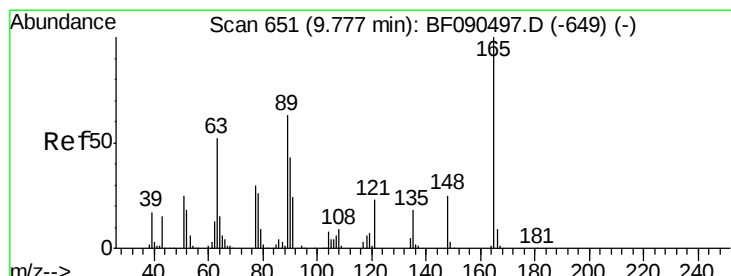
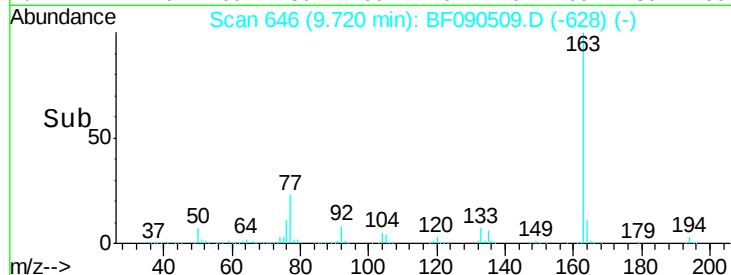
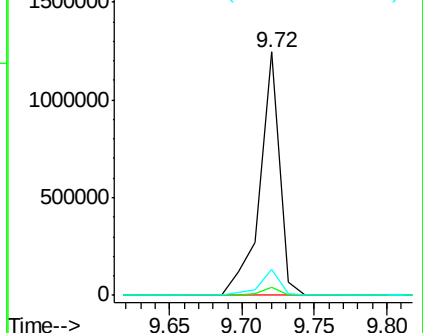
#49
Dimethylphthalate
Concen: 39.94 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tgt Ion:163 Resp: 1172749
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.7 9.0 13.4

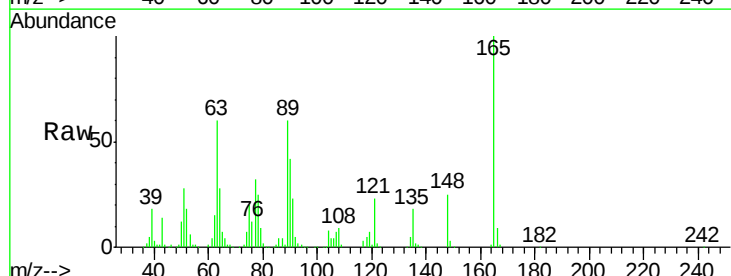


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

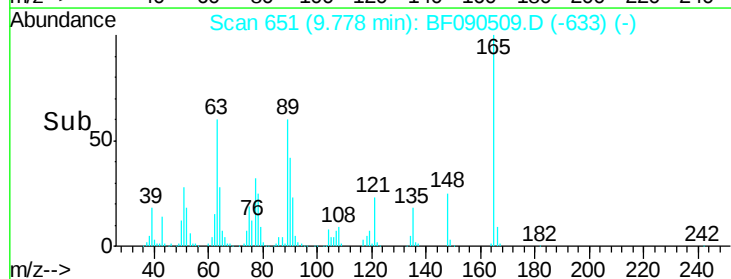
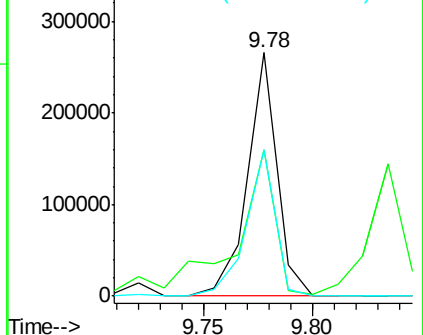


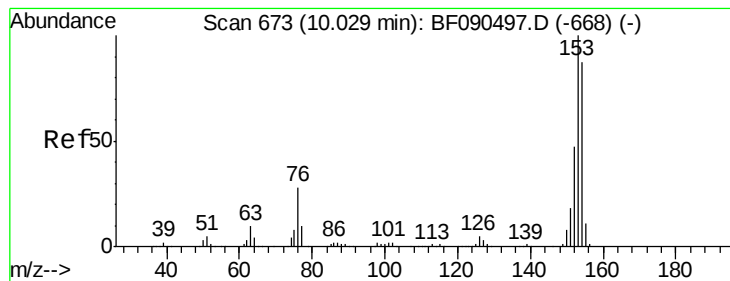
#50
2,6-Dinitrotoluene
Concen: 38.76 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:165 Resp: 251298
Ion Ratio Lower Upper
165 100
63 60.3 58.0 87.0
89 60.2 51.2 76.8



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: 38.81 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

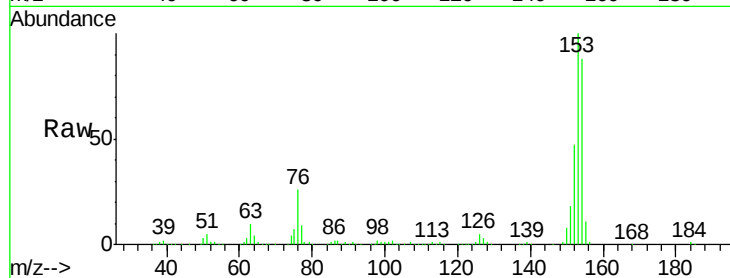
Tgt Ion:154 Resp: 1041103

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

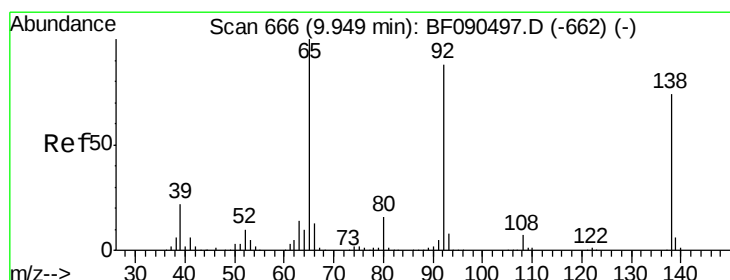
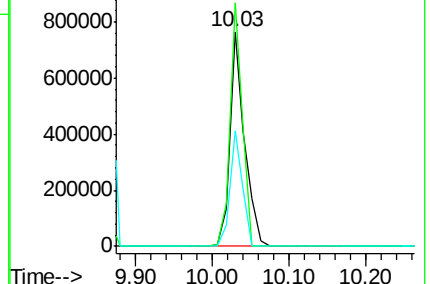
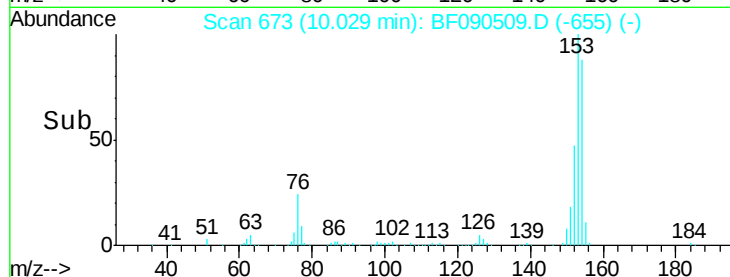
152 53.7 42.6 64.0



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: 17.99 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

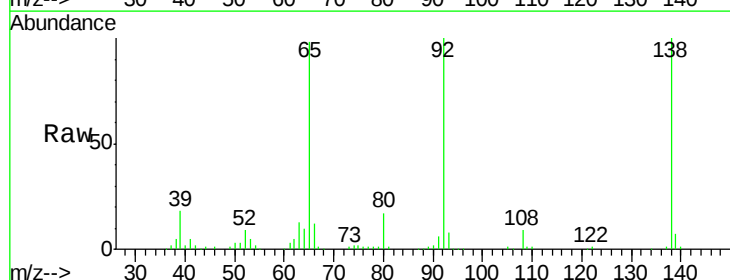
Tgt Ion:138 Resp: 144682

Ion Ratio Lower Upper

138 100

108 8.9 9.7 14.5#

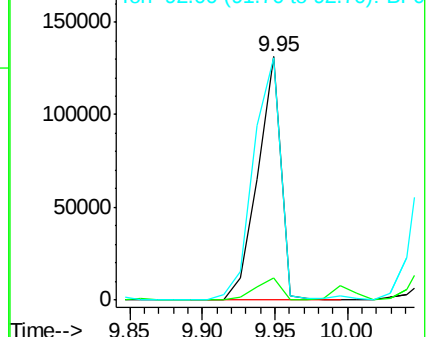
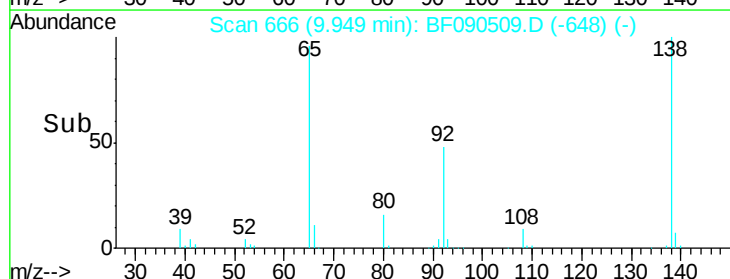
92 99.8 97.1 145.7

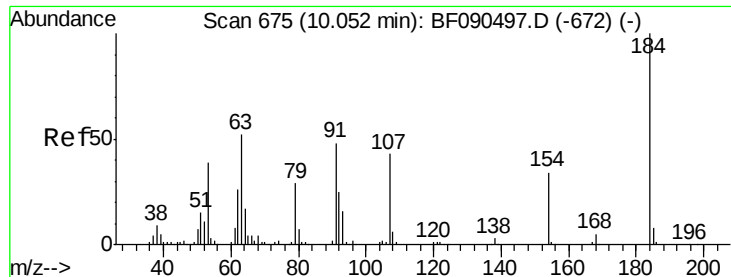


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

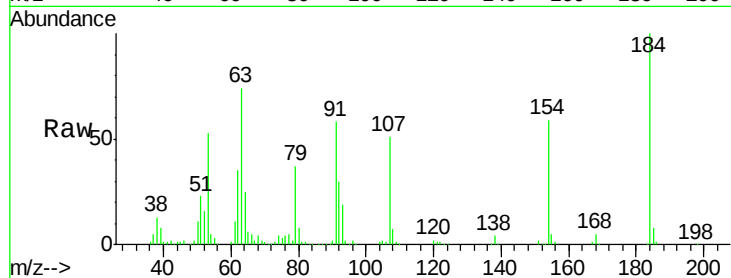




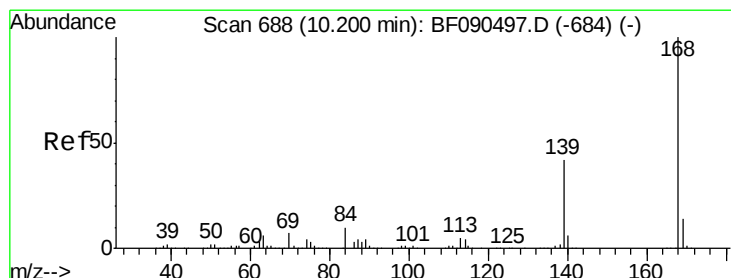
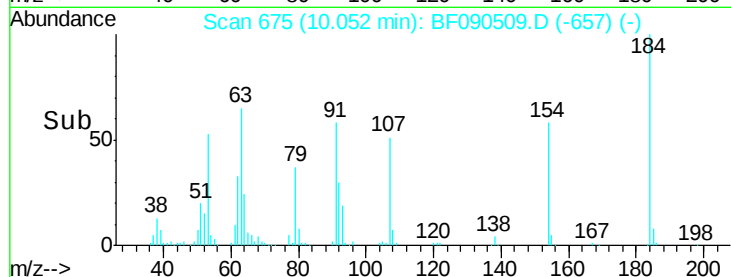
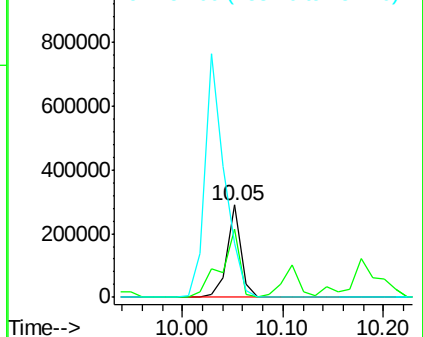
#53
 2,4-Dinitrophenol
 Concen: 78.07 ng
 RT: 10.05 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tgt Ion:184 Resp: 280878
 Ion Ratio Lower Upper
 184 100
 63 74.0 41.9 62.9#
 154 58.5 48.9 73.3

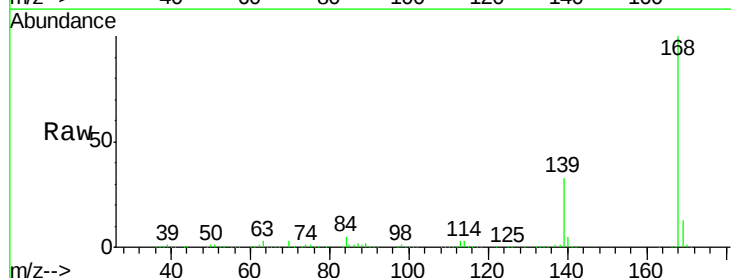


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

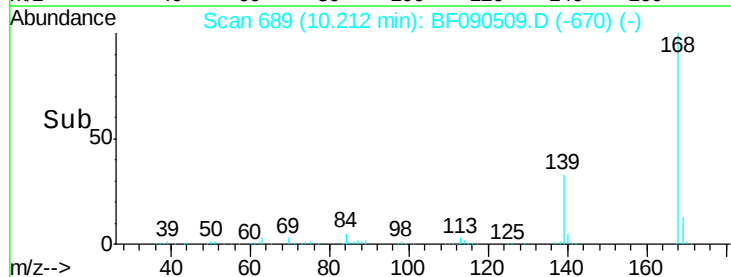
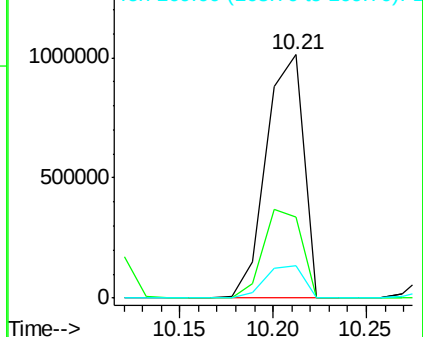


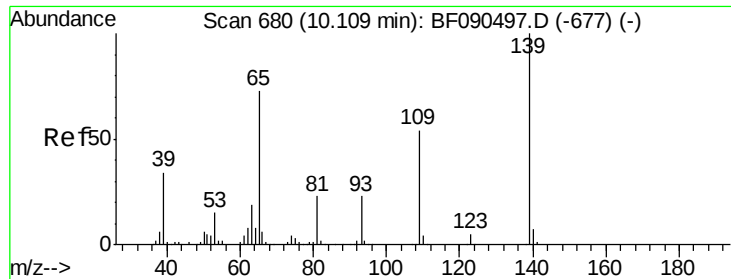
#54
 Dibenzofuran
 Concen: 39.40 ng
 RT: 10.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:168 Resp: 1406582
 Ion Ratio Lower Upper
 168 100
 139 33.3 29.6 44.4
 169 13.3 11.3 16.9



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

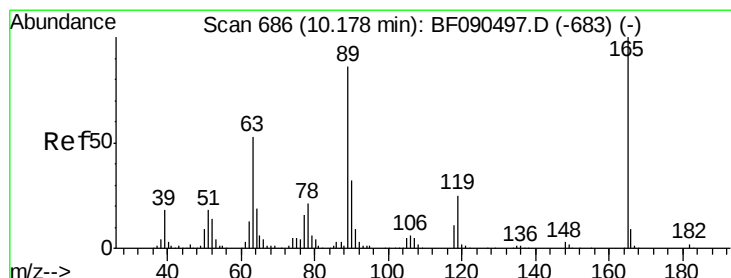
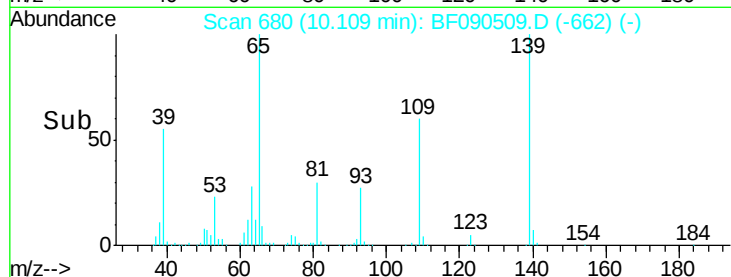
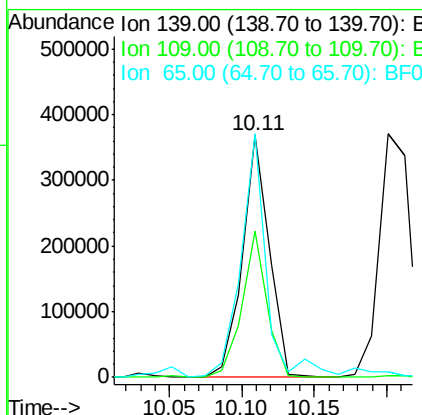
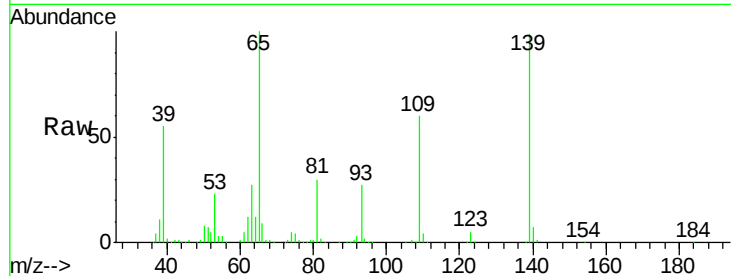




#55
4-Nitrophenol
Concen: 75.79 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

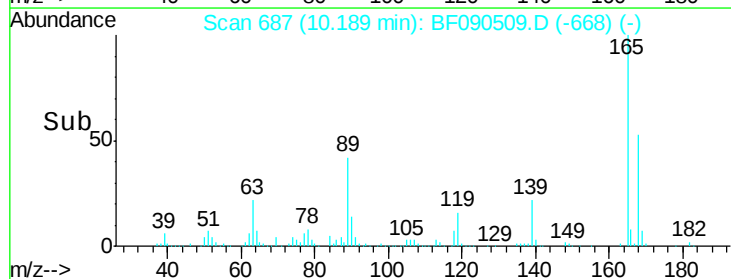
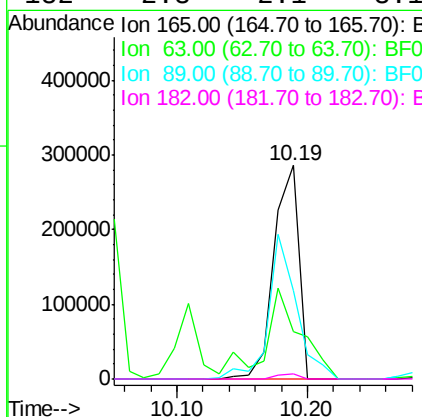
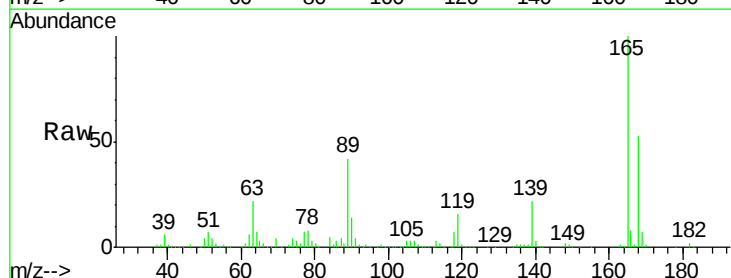
Instrument :
BNA_F
ClientSampleId :
PB93889BS

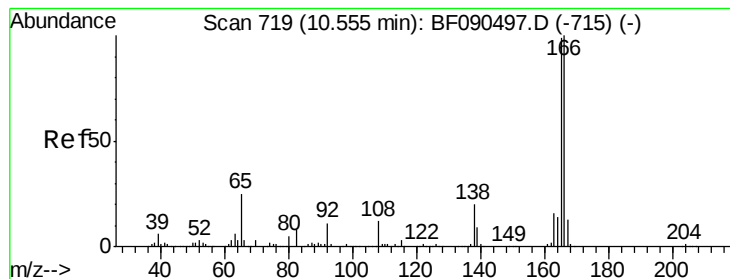
Tgt Ion:139 Resp: 473776
Ion Ratio Lower Upper
139 100
109 60.5 43.6 83.6
65 100.6 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 44.70 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:165 Resp: 383344
Ion Ratio Lower Upper
165 100
63 22.1 17.8 26.6
89 41.7 33.2 49.8
182 2.3 2.1 3.1





#57

Fluorene

Concen: 38.07 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

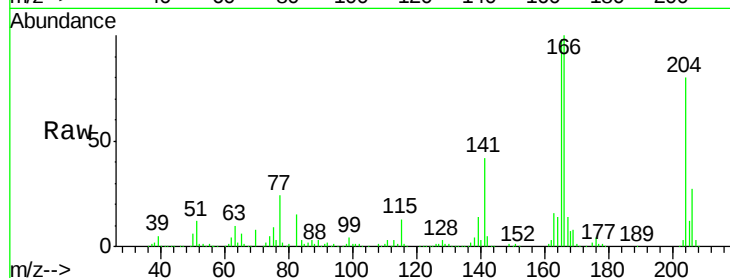
Tgt Ion:166 Resp: 1109543

Ion Ratio Lower Upper

166 100

165 98.4 79.2 118.8

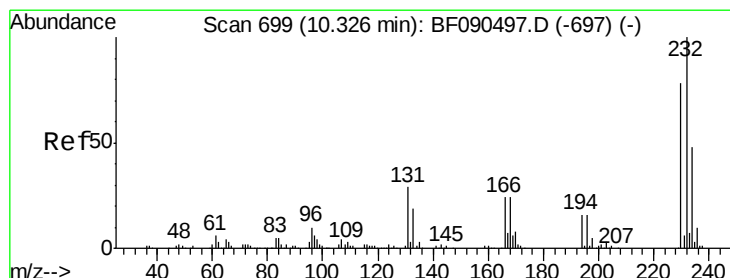
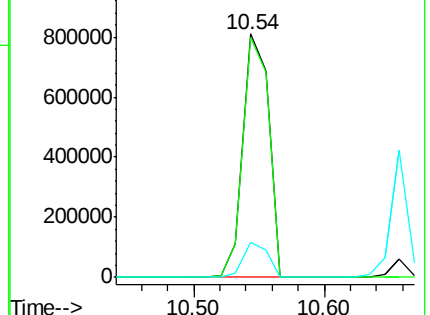
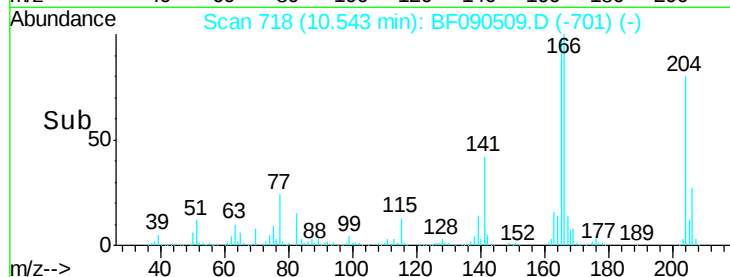
167 14.2 11.1 16.7



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: 43.20 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion:232 Resp: 293874

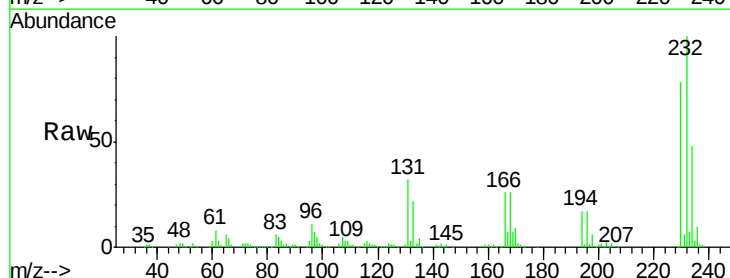
Ion Ratio Lower Upper

232 100

131 46.0 34.5 51.7

130 2.0 1.6 2.4

166 32.0 23.8 35.8

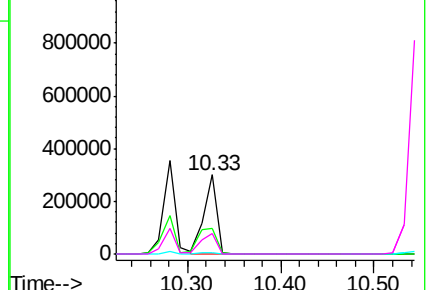
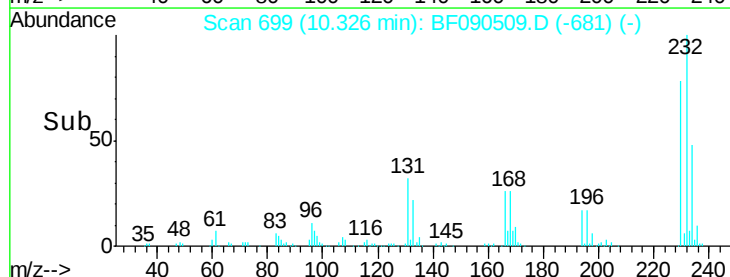


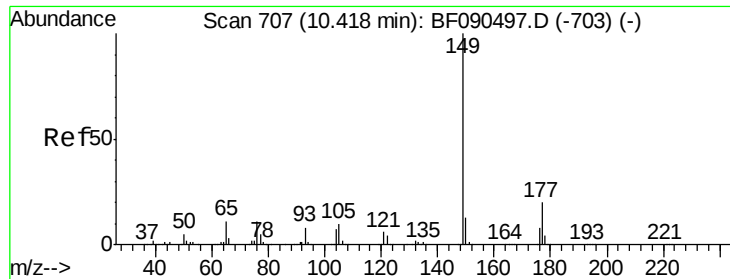
Abundance Ion 232.00 (231.70 to 232.70): E

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

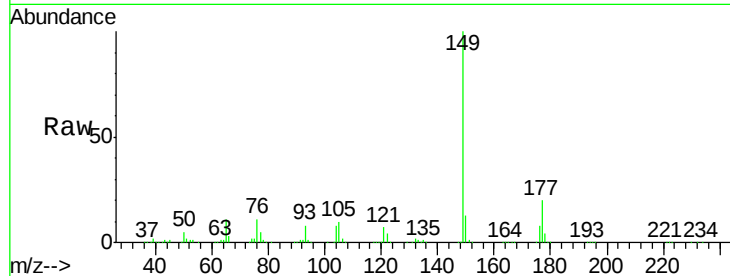




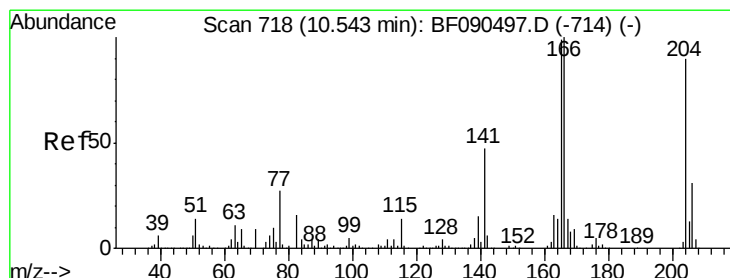
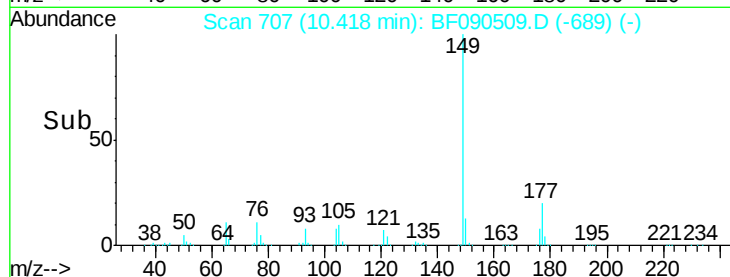
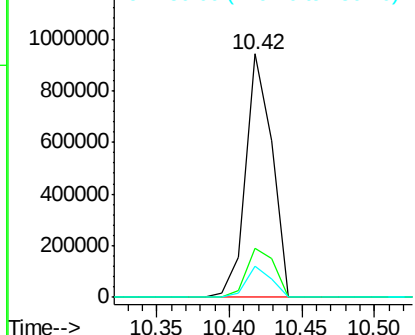
#59
Diethylphthalate
Concen: 39.55 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tgt Ion:149 Resp: 1180990
Ion Ratio Lower Upper
149 100
177 20.4 21.1 31.7#
150 13.0 10.2 15.2

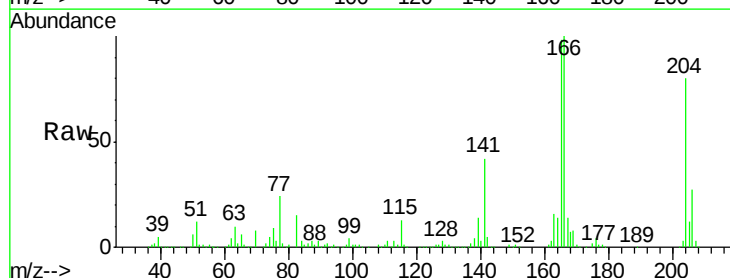


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

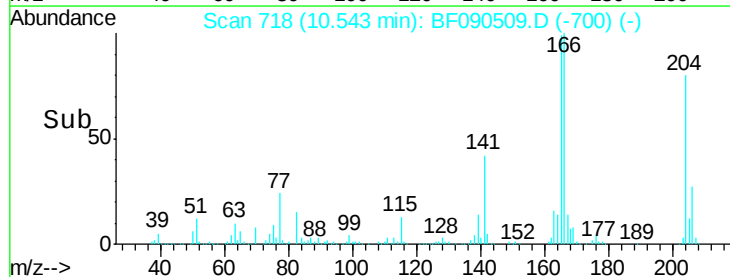
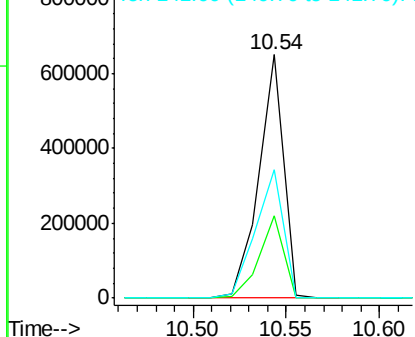


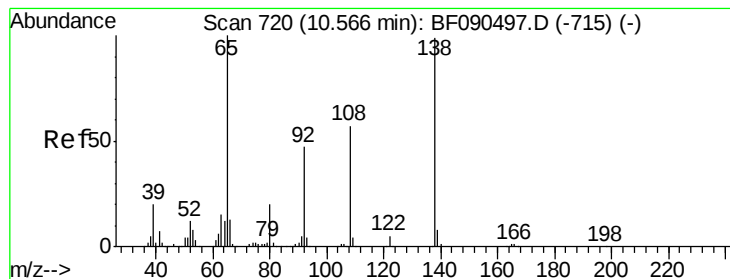
#60
4-Chlorophenyl-phenylether
Concen: 44.13 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:204 Resp: 593329
Ion Ratio Lower Upper
204 100
206 34.0 26.7 40.1
141 52.7 51.7 77.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.68 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

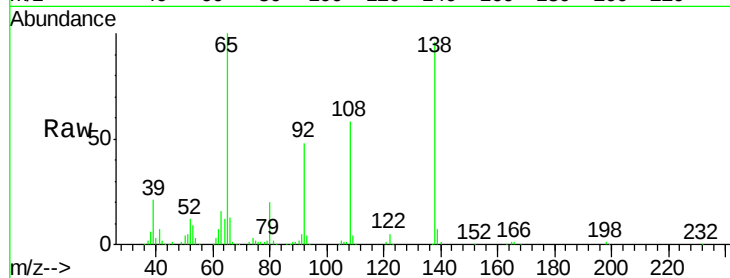
Tgt Ion:138 Resp: 309269

Ion Ratio Lower Upper

138 100

92 49.6 33.2 73.2

108 60.5 48.5 88.5



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

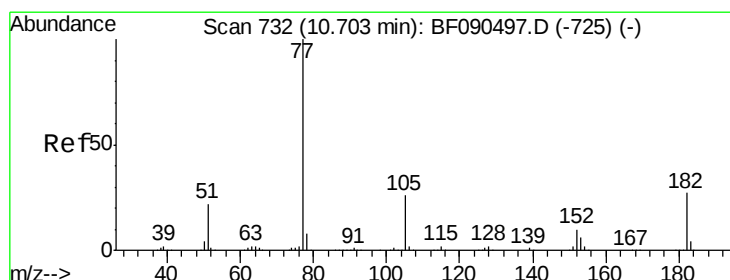
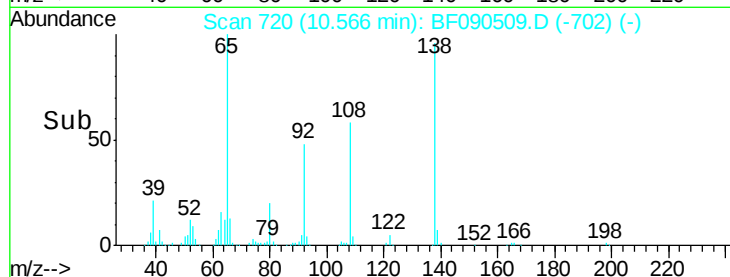
300000

200000

100000

0

Time-->



#62

Azobenzene

Concen: 43.69 ng

RT: 10.70 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Tgt Ion: 77 Resp: 1424921

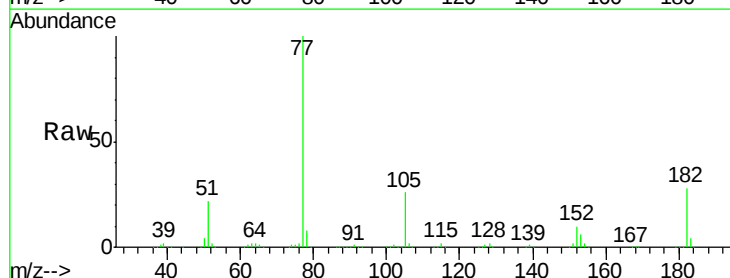
Ion Ratio Lower Upper

77 100

182 28.5 3.2 43.2

105 25.8 2.9 42.9

51 21.9 14.2 54.2



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

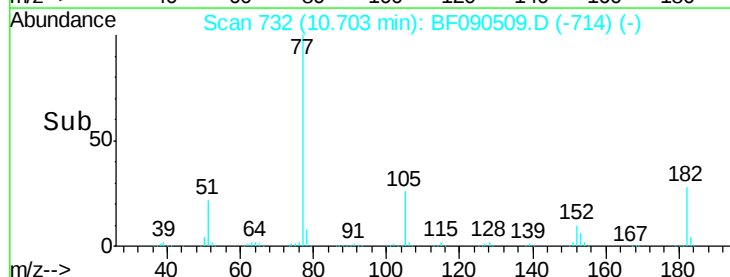
1500000

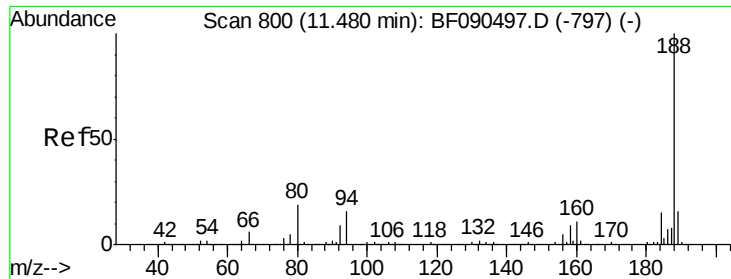
1000000

500000

0

Time-->

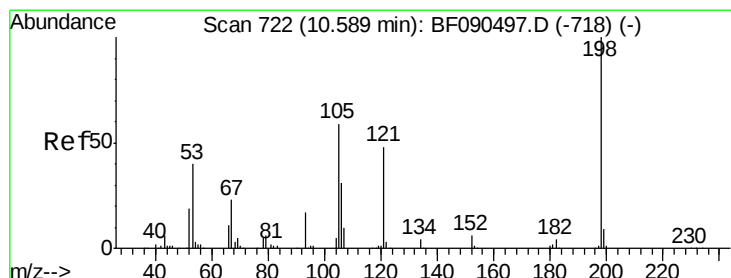
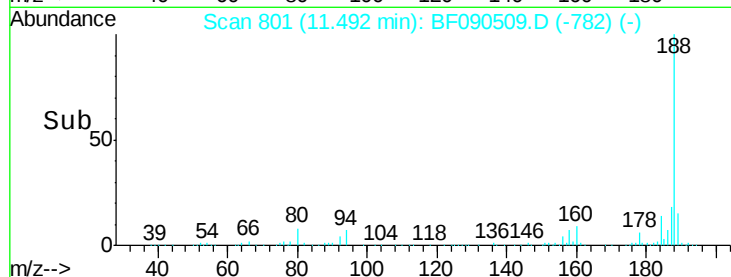
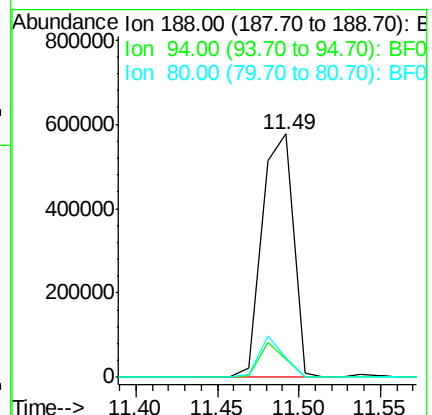
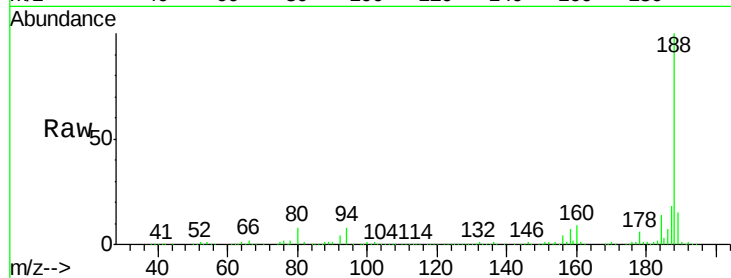




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

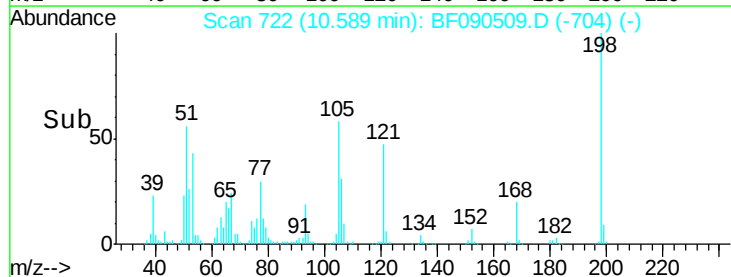
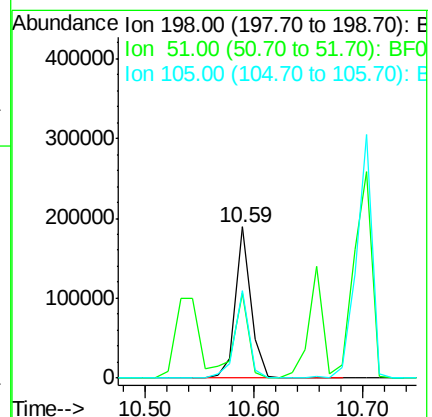
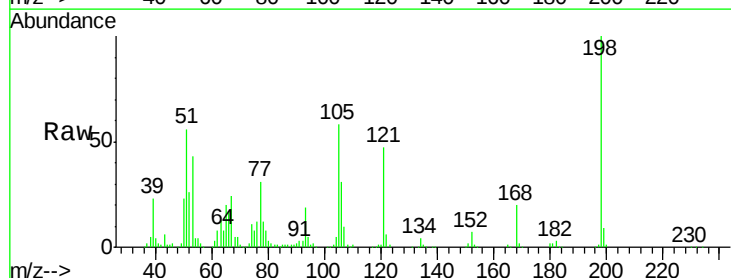
Instrument :
BNA_F
ClientSampleId :
PB93889BS

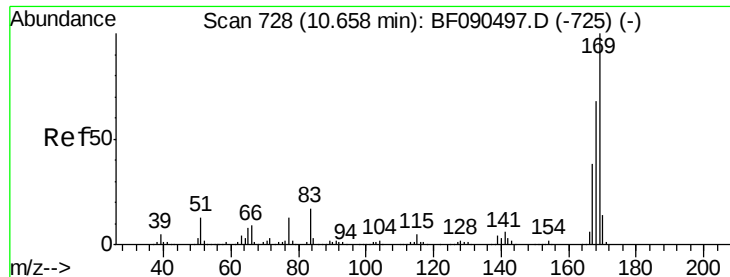
Tgt Ion:188 Resp: 772418
Ion Ratio Lower Upper
188 100
94 7.5 8.2 12.2#
80 8.0 8.8 13.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.90 ng
RT: 10.59 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:198 Resp: 185222
Ion Ratio Lower Upper
198 100
51 55.8 67.3 107.3#
105 57.6 42.6 82.6

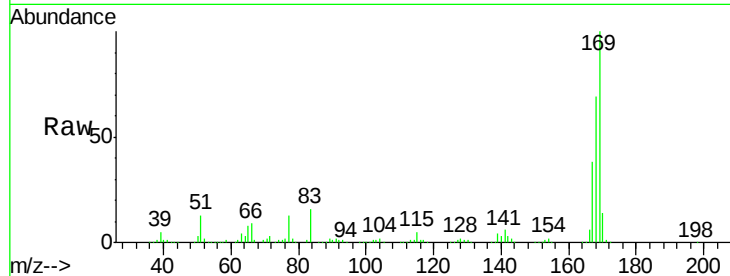




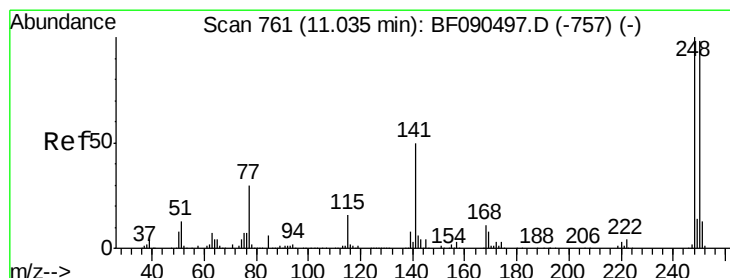
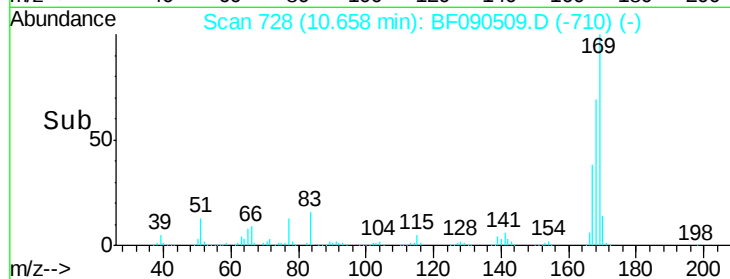
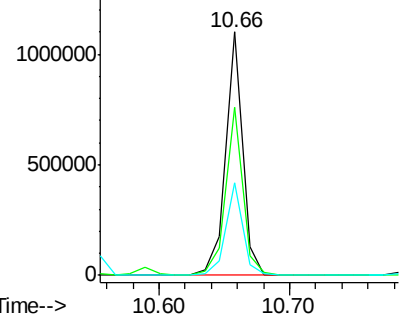
#65
 n-Nitrosodiphenylamine
 Concen: 39.14 ng
 RT: 10.66 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampled :
 PB93889BS

Tgt Ion:169 Resp: 983233
 Ion Ratio Lower Upper
 169 100
 168 69.1 53.8 80.6
 167 38.3 29.8 44.8

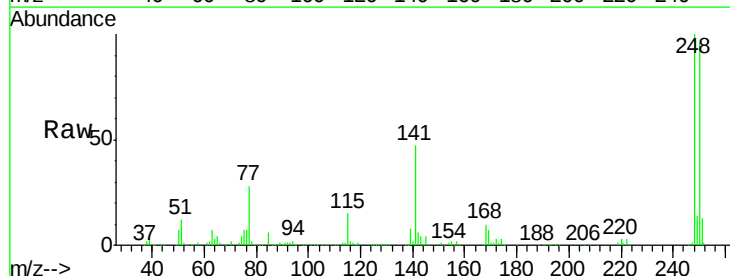


Abundance Ion 169.00 (168.70 to 169.70): E
 1500000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

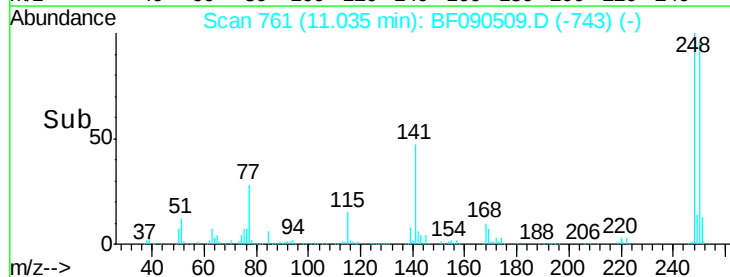
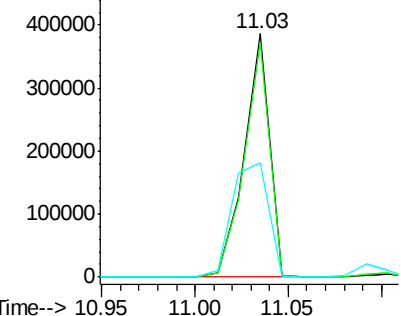


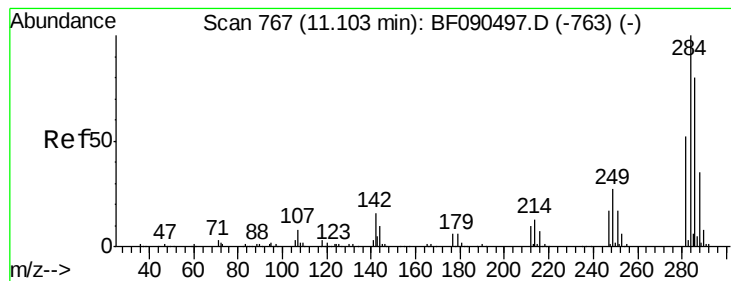
#66
 4-Bromophenyl-phenylether
 Concen: 41.88 ng
 RT: 11.03 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:248 Resp: 358469
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.5 114.7
 141 47.1 59.8 89.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 500000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.87 ng

RT: 11.10 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

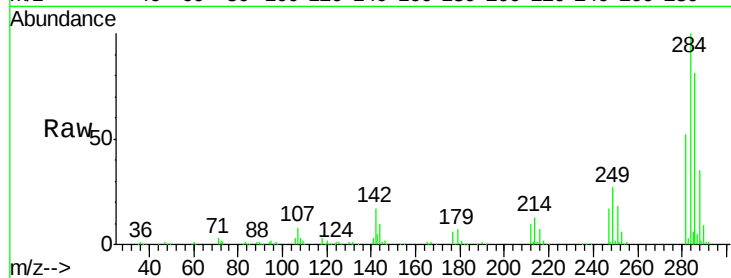
Tgt Ion:284 Resp: 367537

Ion Ratio Lower Upper

284 100

142 17.3 23.1 34.7#

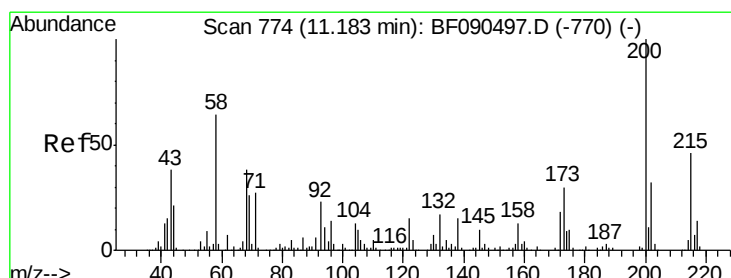
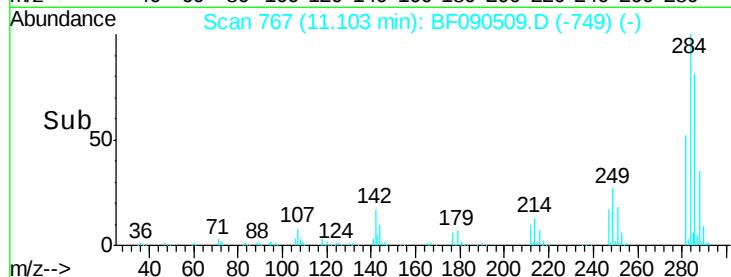
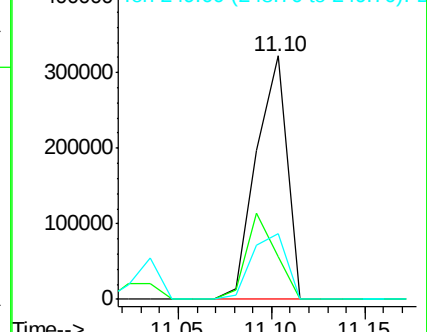
249 27.0 26.3 39.5



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: 36.57 ng

RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

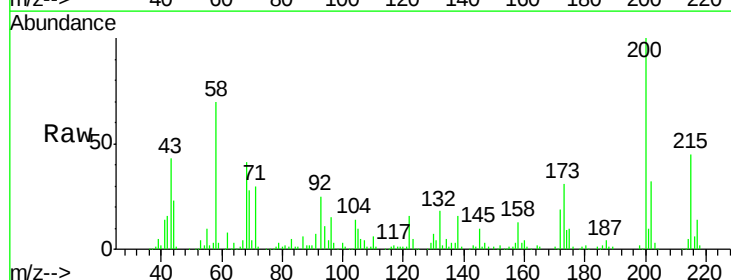
Tgt Ion:200 Resp: 284264

Ion Ratio Lower Upper

200 100

173 30.9 9.0 49.0

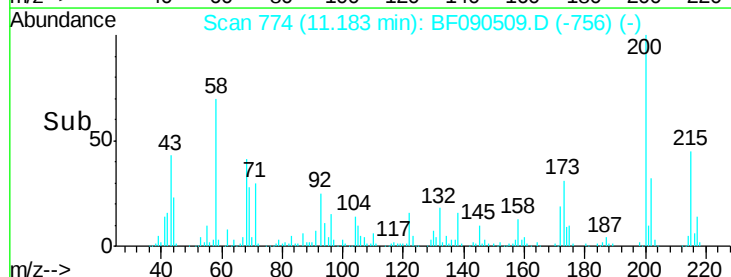
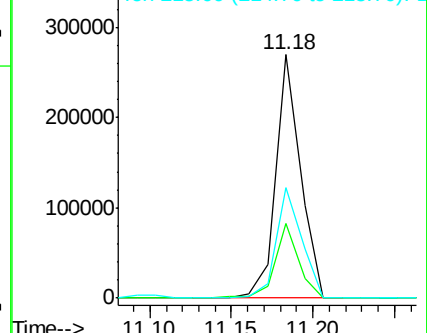
215 45.5 24.8 64.8

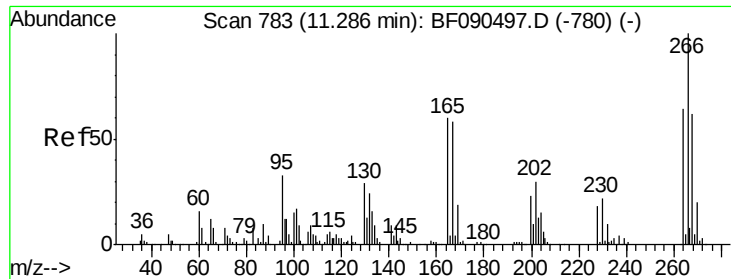


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

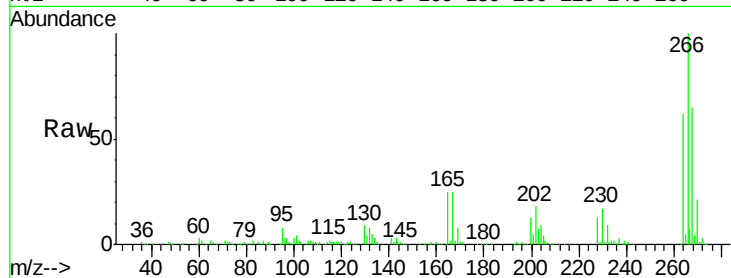




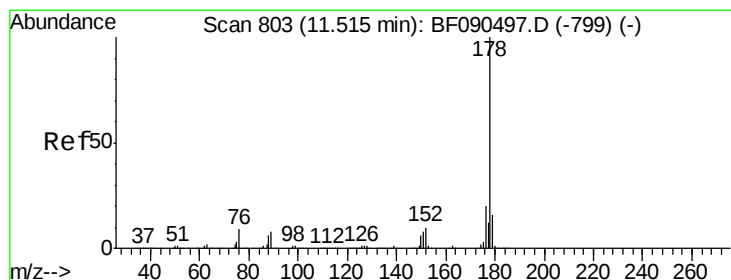
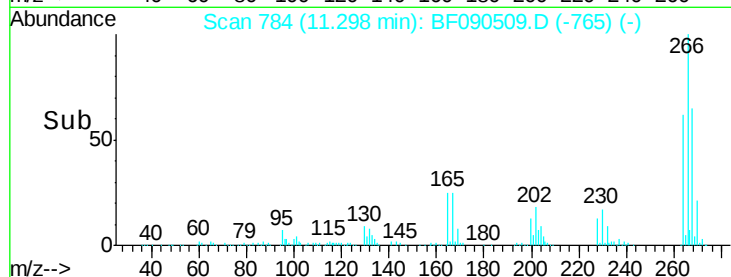
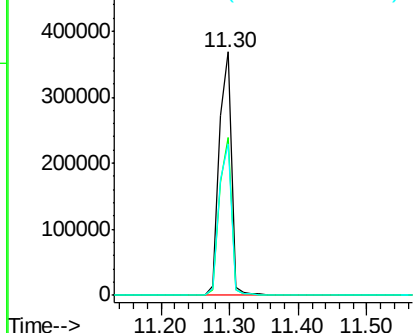
#69
 Pentachlorophenol
 Concen: 83.53 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tgt Ion: 266 Resp: 469923
 Ion Ratio Lower Upper
 266 100
 268 65.0 50.9 76.3
 264 62.1 51.5 77.3

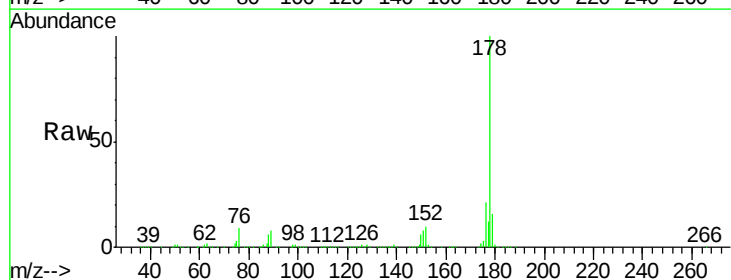


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

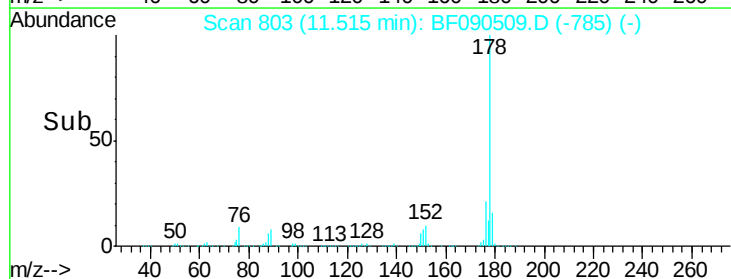
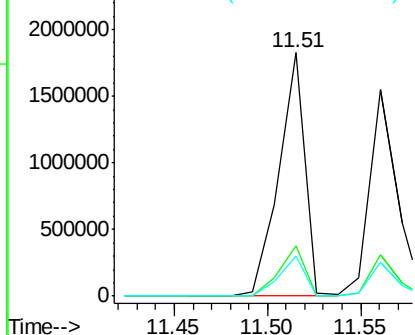


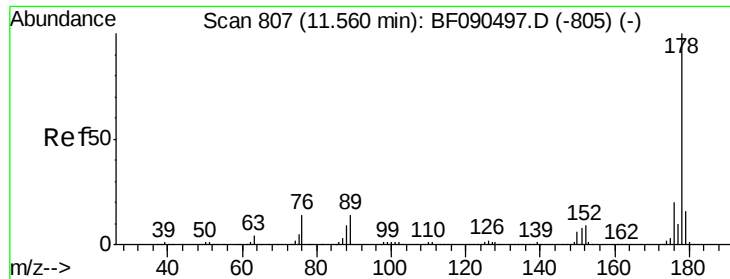
#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion: 178 Resp: 1767356
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.3 25.9
 179 16.2 13.8 20.6



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

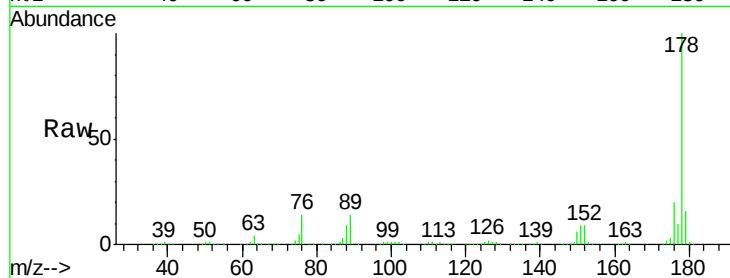




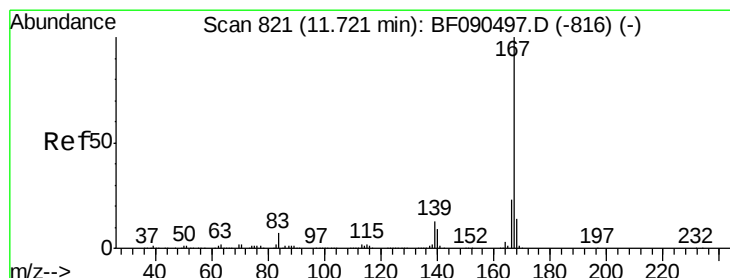
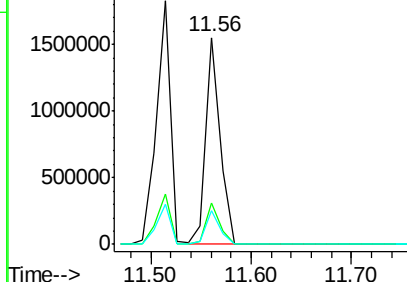
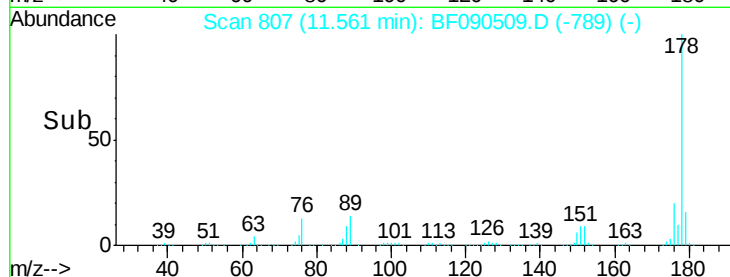
#71
 Anthracene
 Concen: 35.68 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

Tgt Ion:178 Resp: 1538835
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.8 25.2
 179 16.4 13.4 20.2

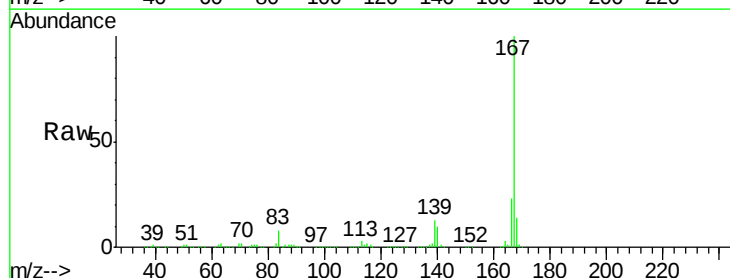


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

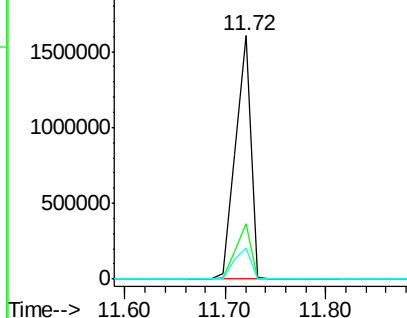
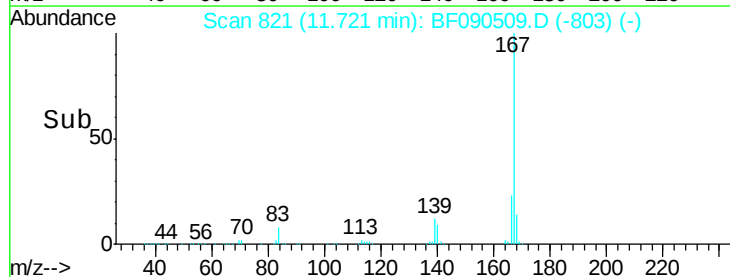


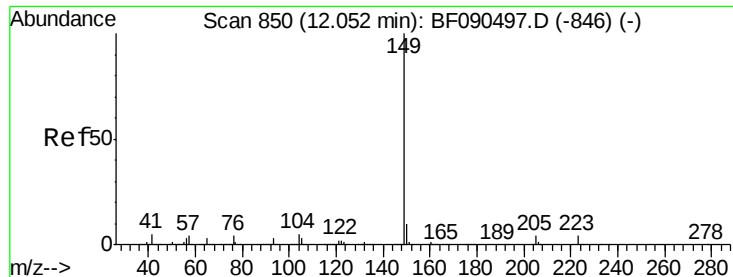
#72
 Carbazole
 Concen: 41.77 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:167 Resp: 1701320
 Ion Ratio Lower Upper
 167 100
 166 22.6 19.1 28.7
 139 12.9 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

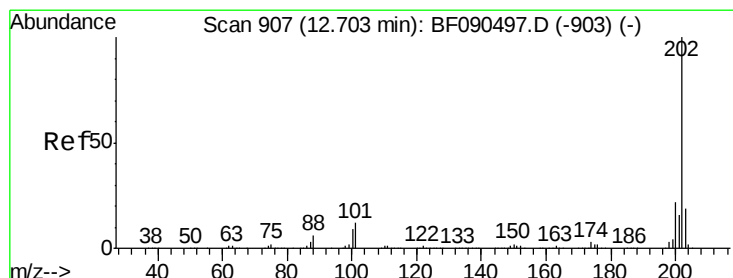
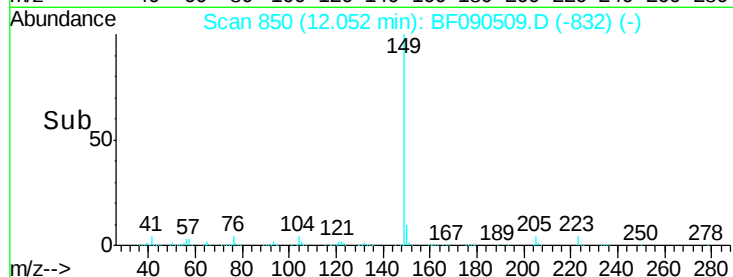
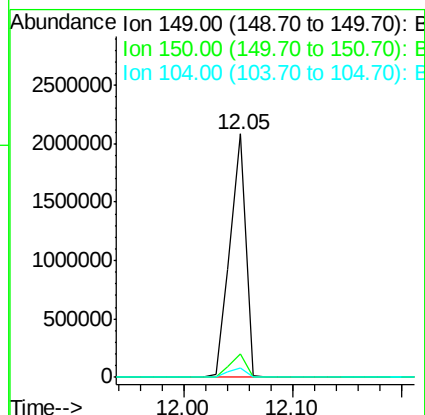
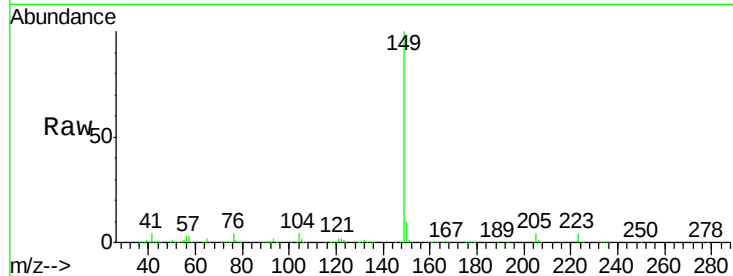




#73
Di-n-butylphthalate
Concen: 42.61 ng
RT: 12.05 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

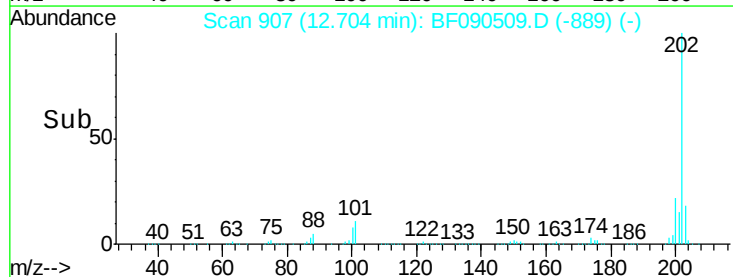
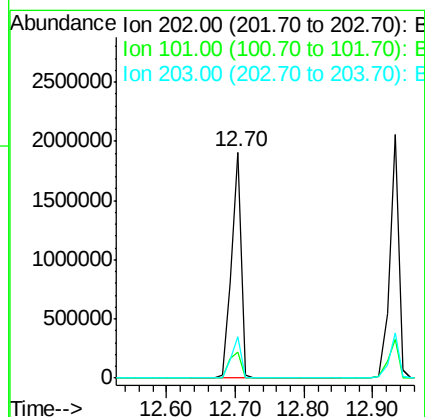
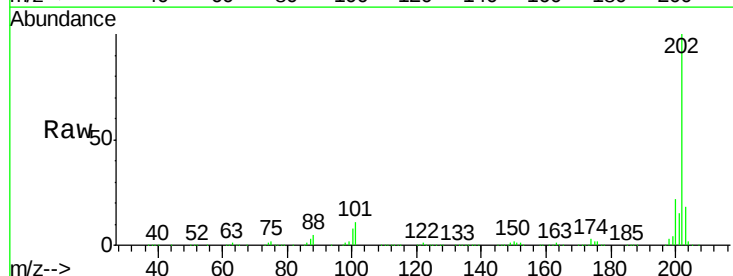
Instrument :
BNA_F
ClientSampleId :
PB93889BS

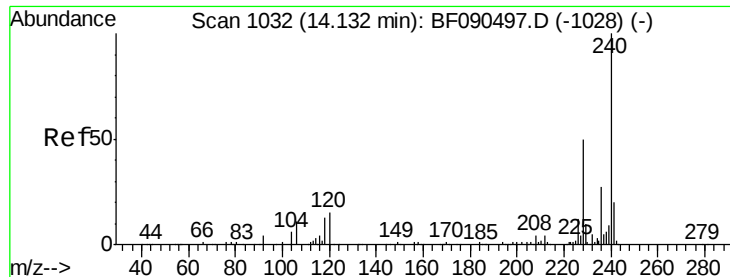
Tgt Ion:149 Resp: 2090089
Ion Ratio Lower Upper
149 100
150 9.7 8.6 12.8
104 4.1 4.7 7.1#



#74
Fluoranthene
Concen: 43.81 ng
RT: 12.70 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:202 Resp: 1903813
Ion Ratio Lower Upper
202 100
101 11.3 0.0 37.2
203 18.4 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

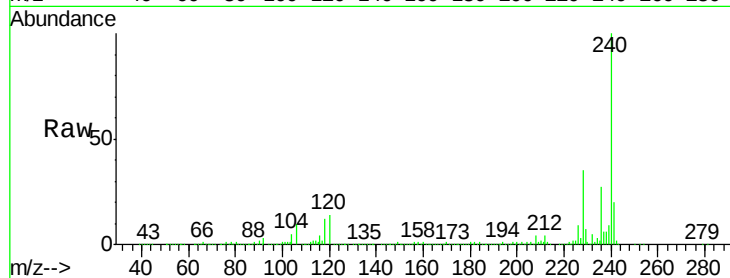
Tgt Ion:240 Resp: 797048

Ion Ratio Lower Upper

240 100

120 13.6 8.6 13.0#

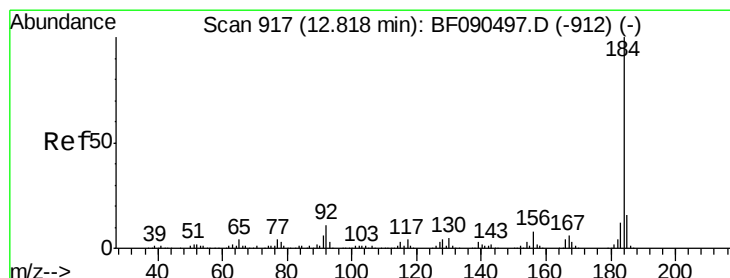
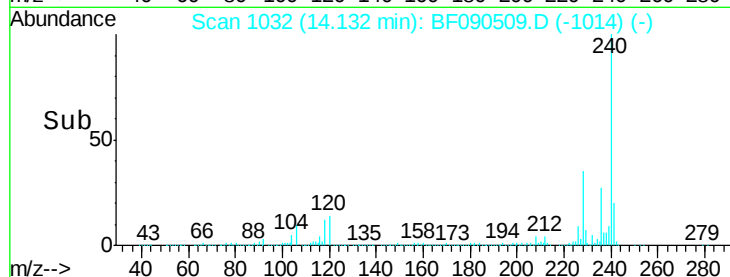
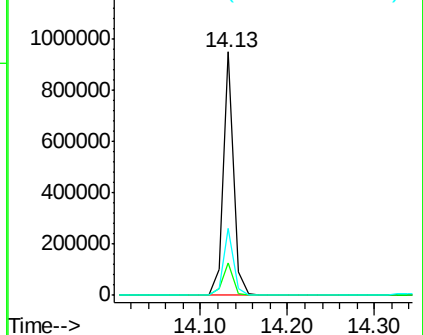
236 27.3 21.6 32.4



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: 18.01 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

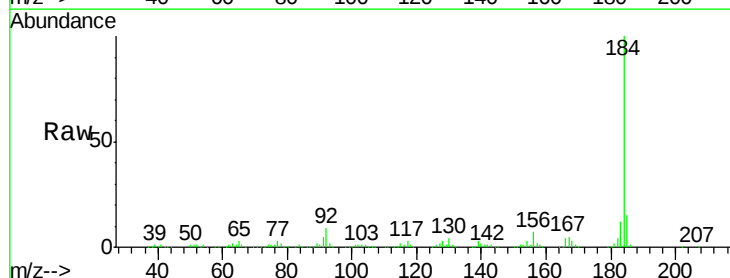
Tgt Ion:184 Resp: 451135

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

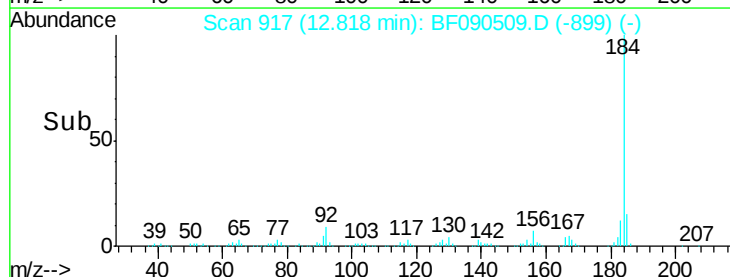
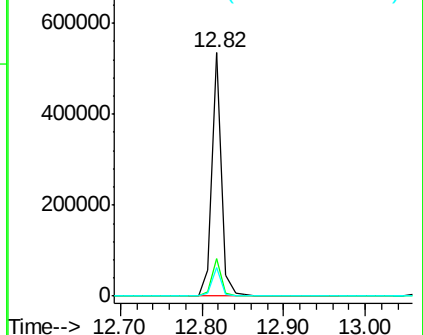
183 11.7 9.6 14.4

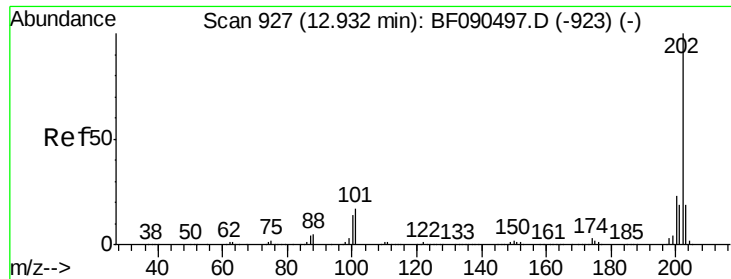


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

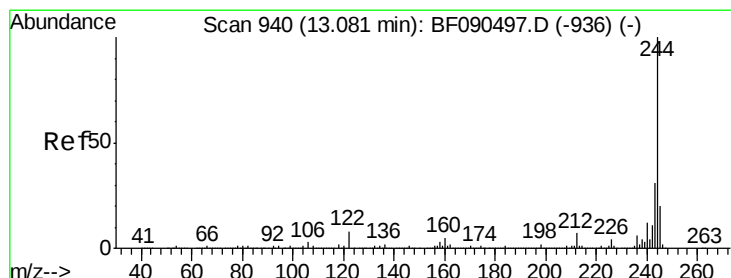
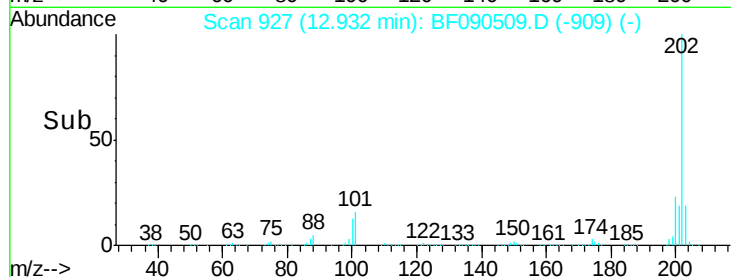
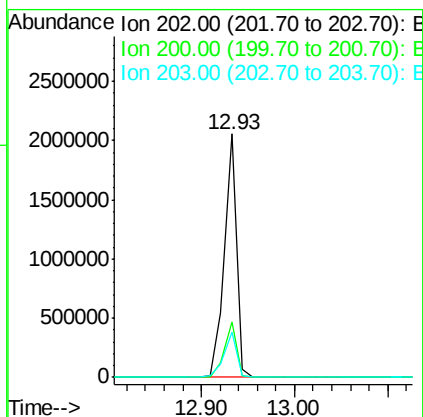
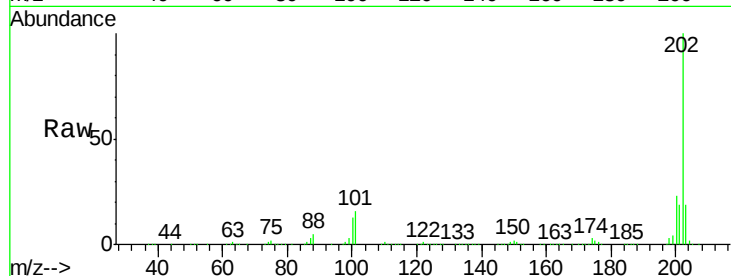




#77
 Pyrene
 Concen: 37.06 ng
 RT: 12.93 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

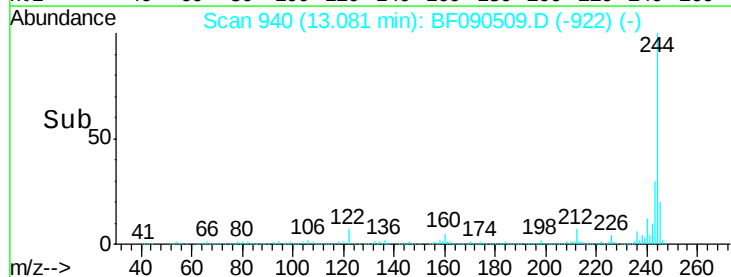
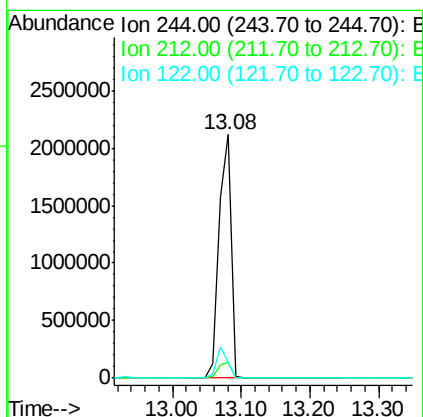
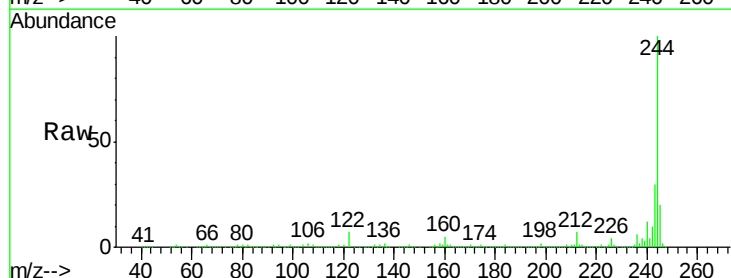
Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

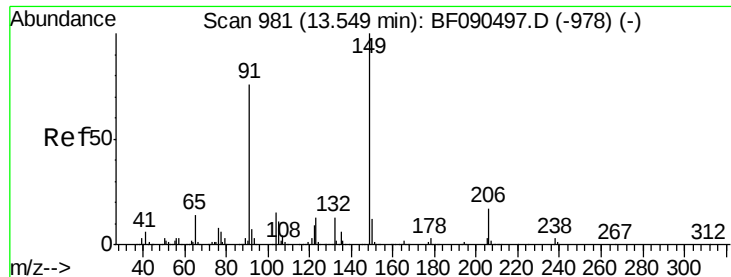
Tgt Ion:202 Resp: 1848956
 Ion Ratio Lower Upper
 202 100
 200 22.6 18.5 27.7
 203 18.6 15.0 22.6



#78
 Terphenyl-d14
 Concen: 80.72 ng
 RT: 13.08 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:244 Resp: 2632629
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.8 10.2#
 122 6.7 13.3 19.9#

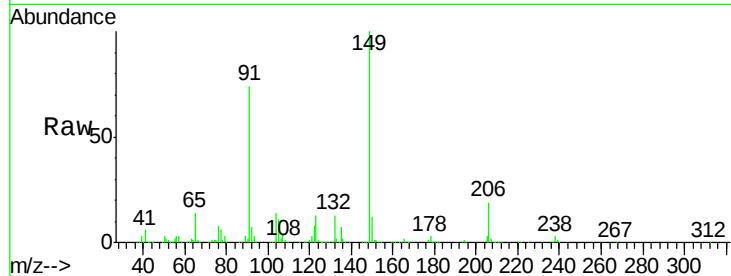




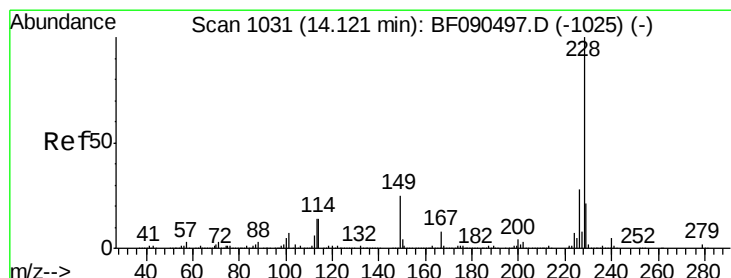
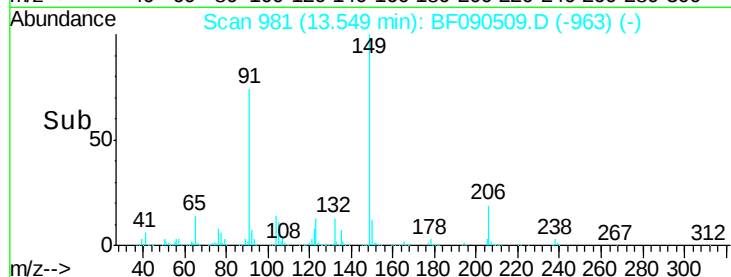
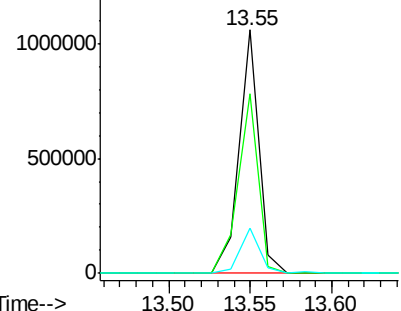
#79
Butylbenzylphthalate
Concen: 38.20 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.7	51.8	77.8
206	18.7	18.0	27.0

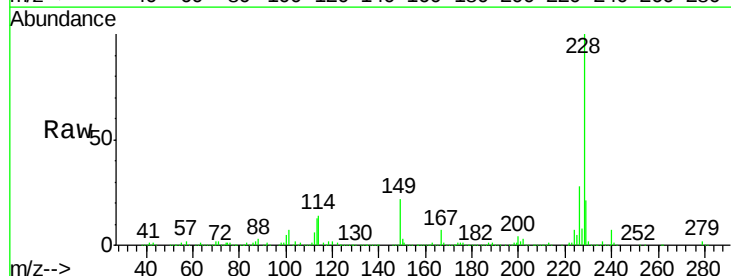


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

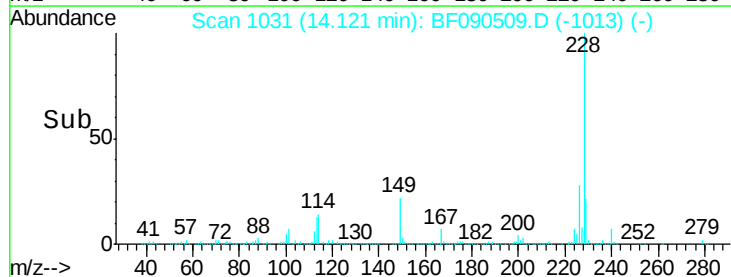
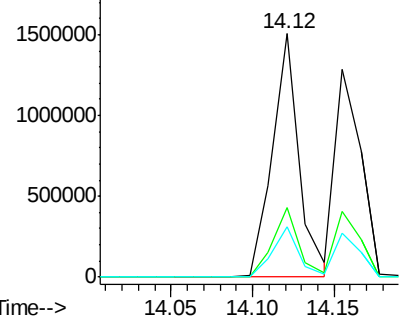


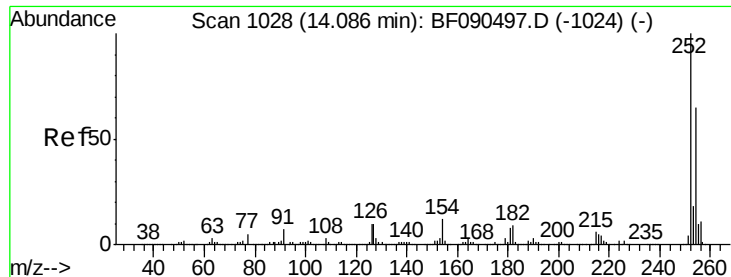
#80
Benzo(a)anthracene
Concen: 36.17 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.6	35.4
229	20.7	16.6	25.0



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

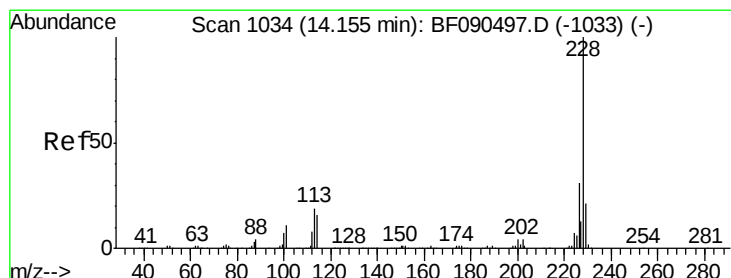
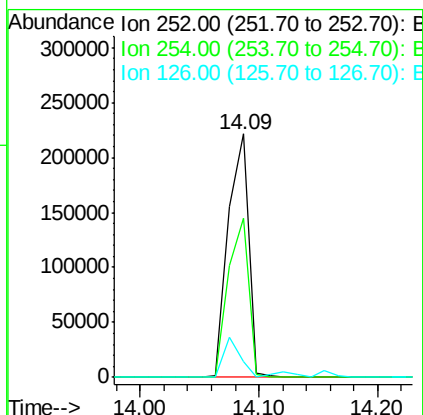
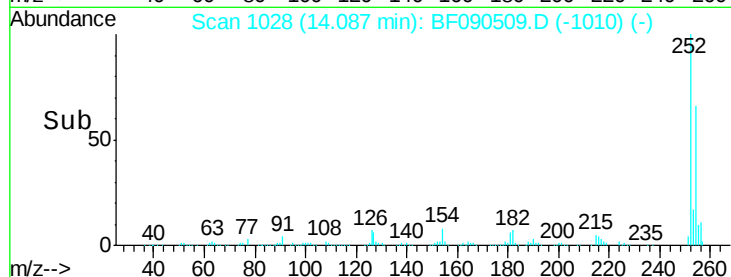
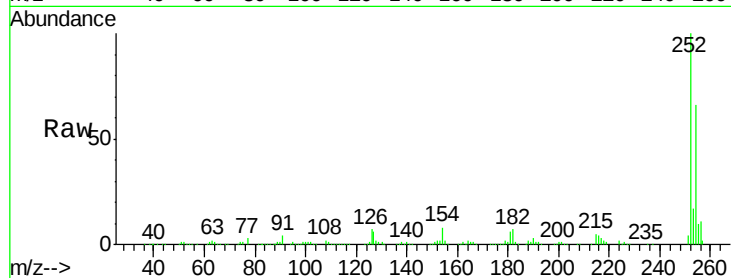




#81
 3,3'-Dichlorobenzidine
 Concen: 15.46 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

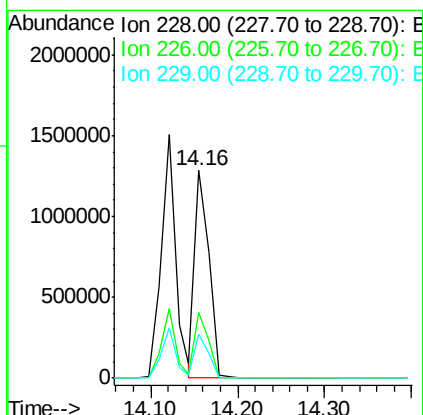
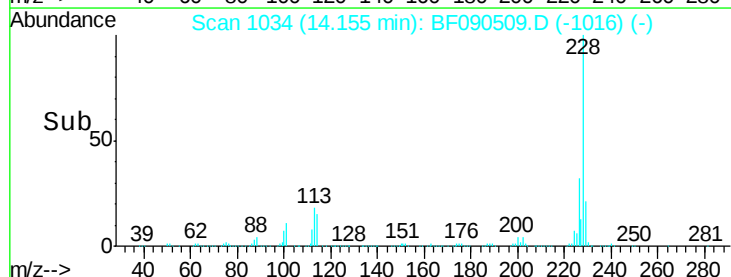
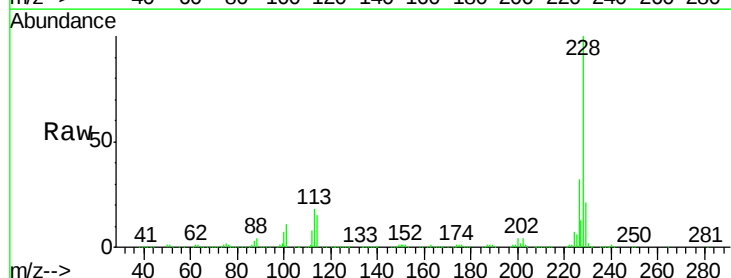
Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

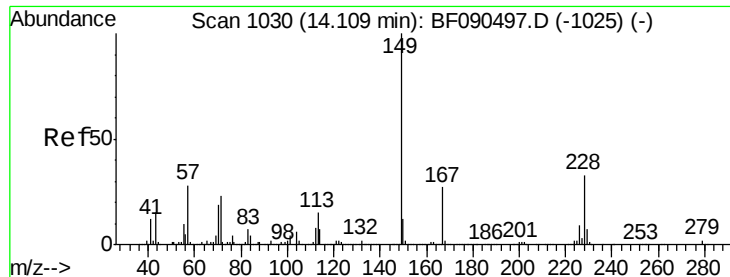
Tgt Ion:252 Resp: 264252
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.1 78.1
 126 6.5 4.2 6.4#



#82
 Chrysene
 Concen: 32.60 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:228 Resp: 1441459
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.8 38.6
 229 21.2 16.9 25.3

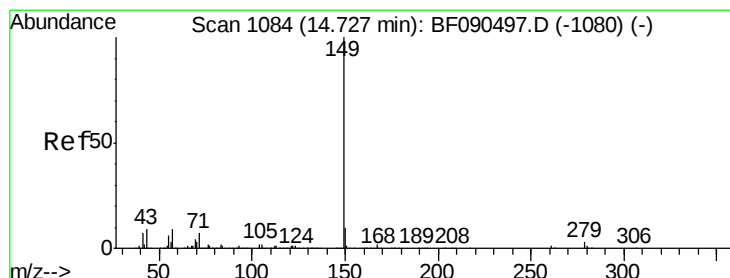
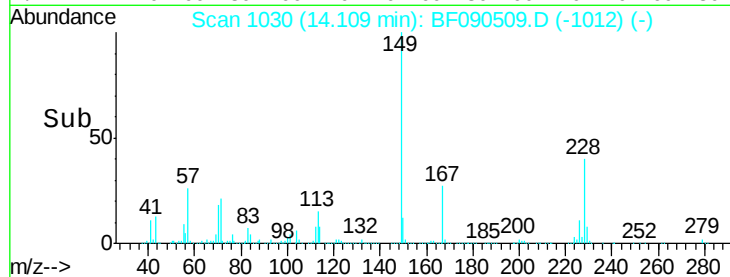
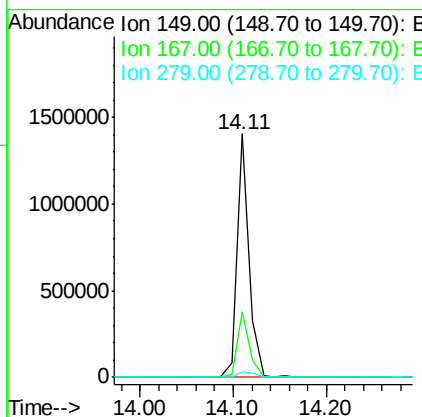
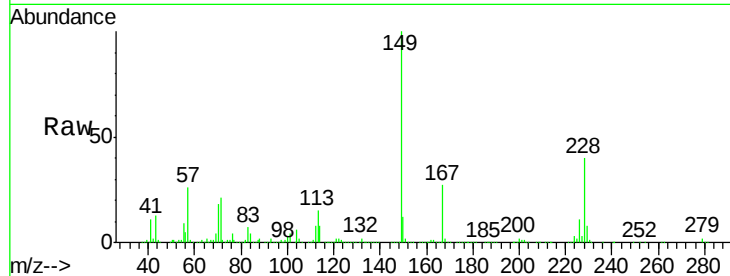




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.02 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

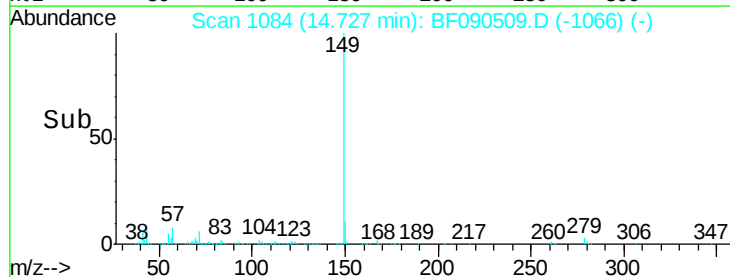
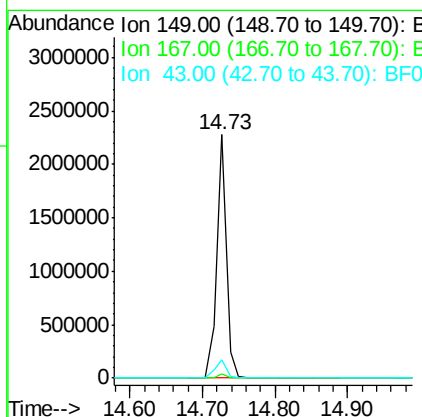
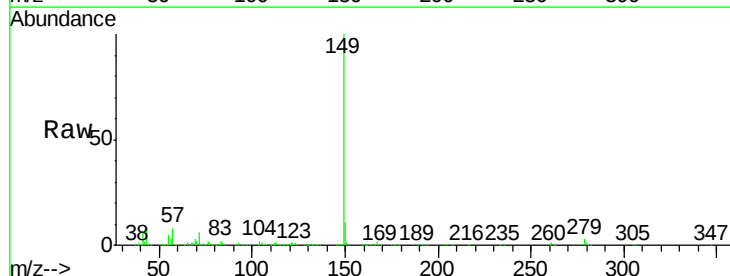
Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

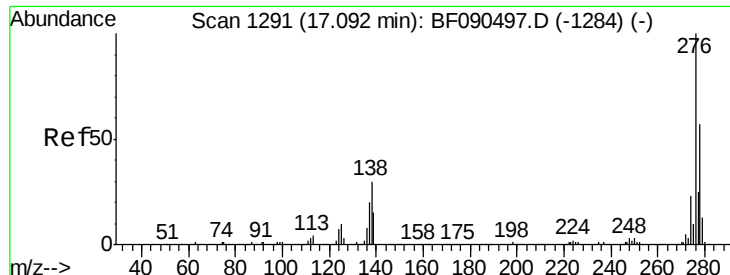
Tgt Ion:149 Resp: 1261723
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.5 32.3
 279 2.4 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 39.64 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:149 Resp: 2092239
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.7 11.8 17.8#

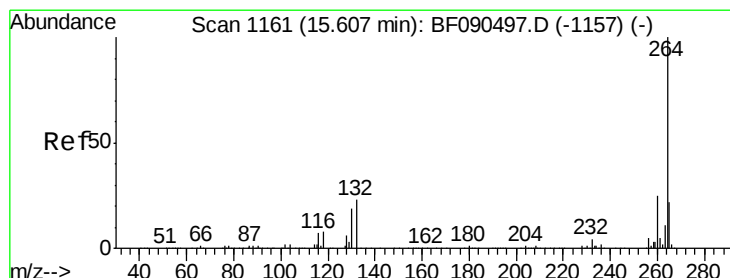
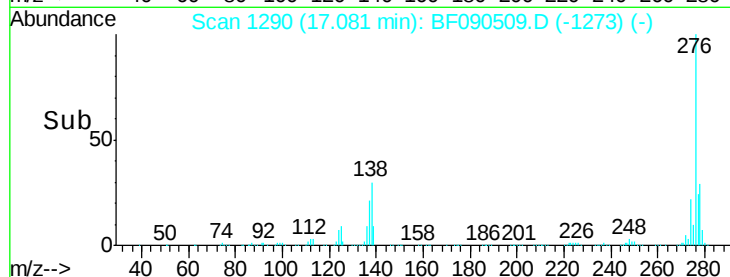
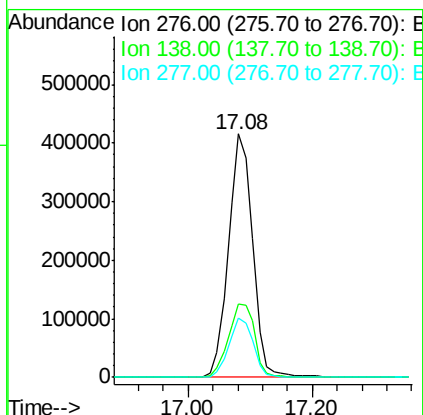
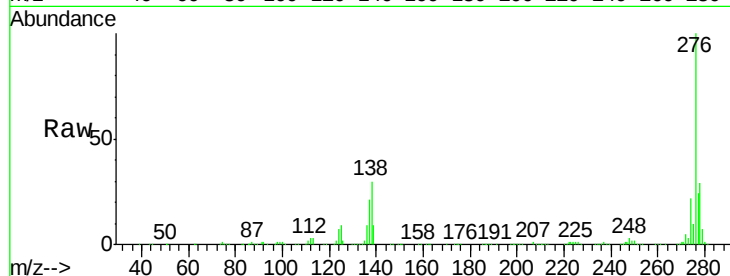




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.59 ng
 RT: 17.08 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

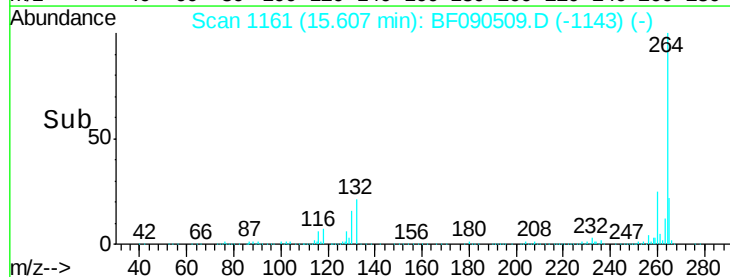
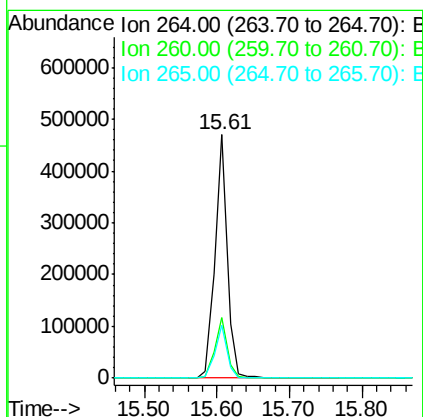
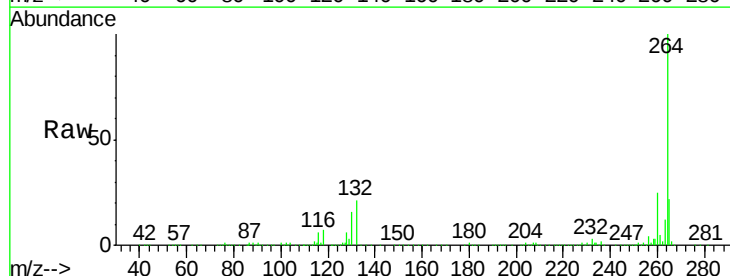
Instrument :
 BNA_F
 ClientSampleId :
 PB93889BS

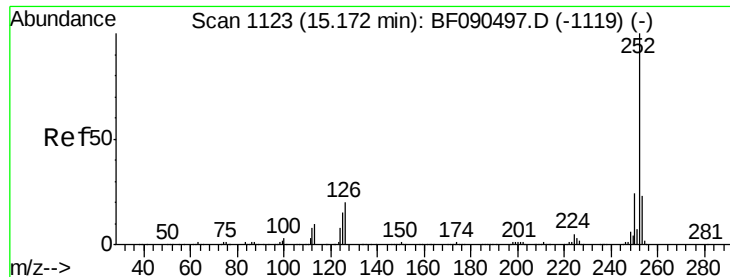
Tgt Ion:276 Resp: 1126340
 Ion Ratio Lower Upper
 276 100
 138 32.9 23.8 35.8
 277 25.0 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090509.D
 Acq: 11 Oct 2016 18:35

Tgt Ion:264 Resp: 556703
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 21.9 17.4 26.0

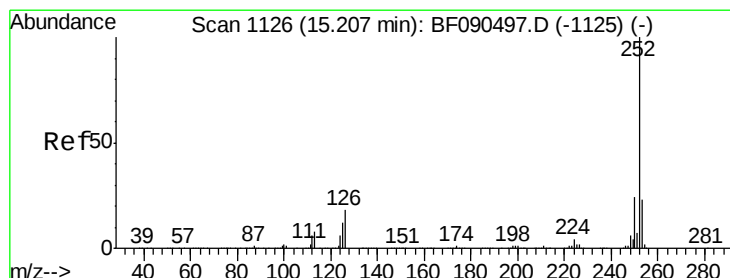
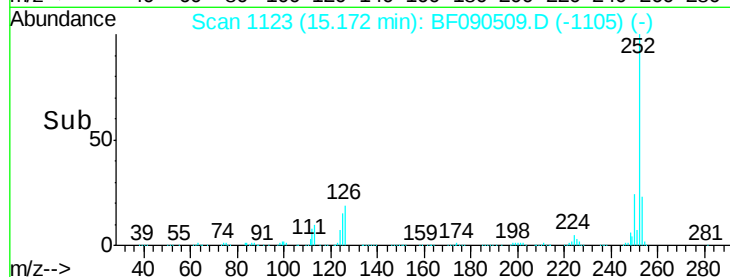
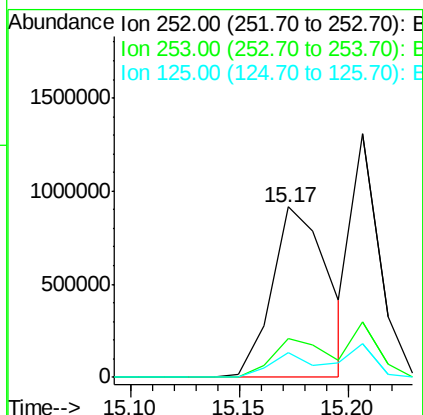
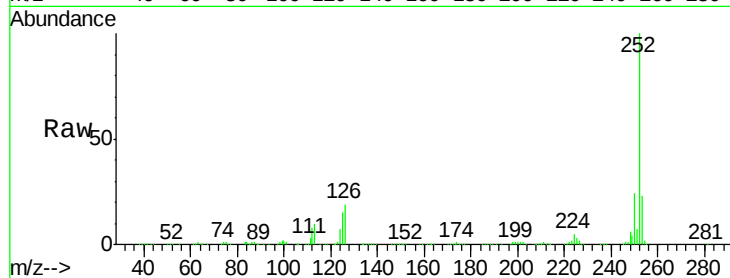




#87
Benzo(b)fluoranthene
Concen: 44.88 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

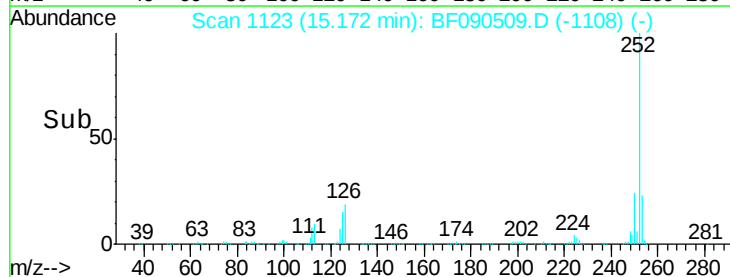
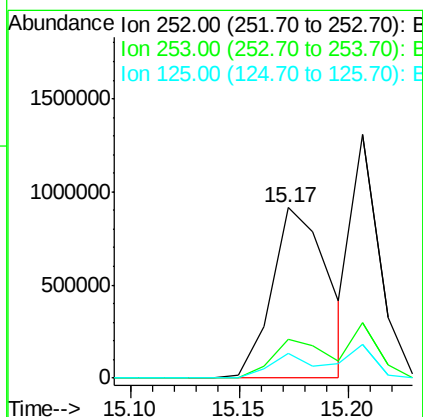
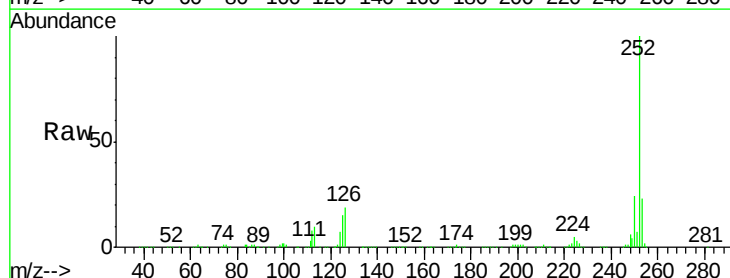
Instrument :
BNA_F
ClientSampleId :
PB93889BS

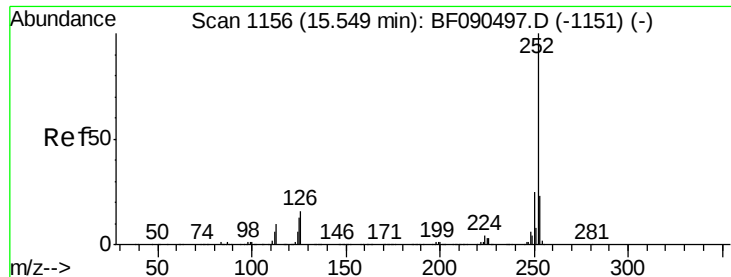
Tgt Ion:252 Resp: 1648494
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 14.5 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 50.38 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF090509.D
Acq: 11 Oct 2016 18:35

Tgt Ion:252 Resp: 1648494
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 14.5 11.7 17.5





#89

Benzo(a)pyrene

Concen: 40.71 ng

RT: 15.55 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampled :

PB93889BS

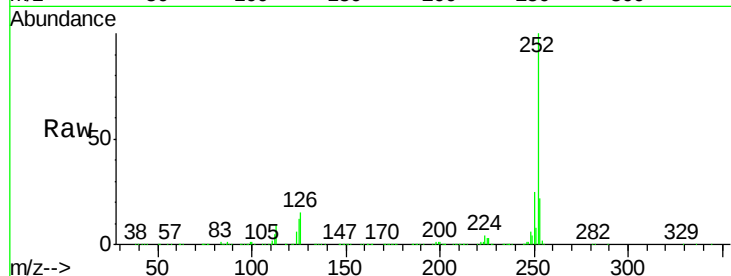
Tgt Ion:252 Resp: 1313235

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

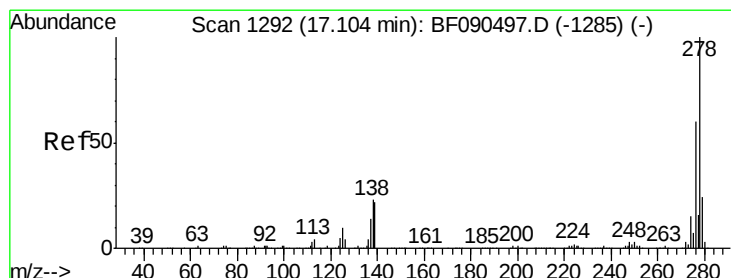
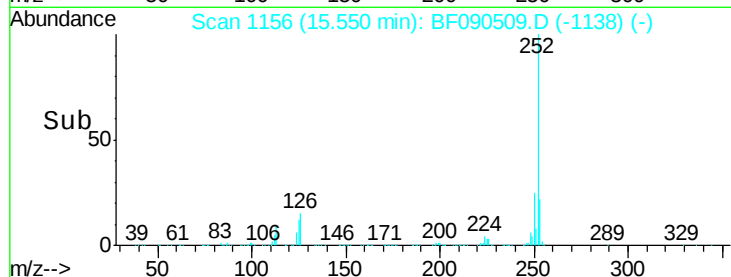
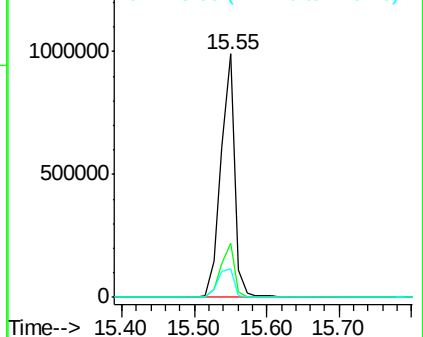
125 11.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.21 ng

RT: 17.10 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

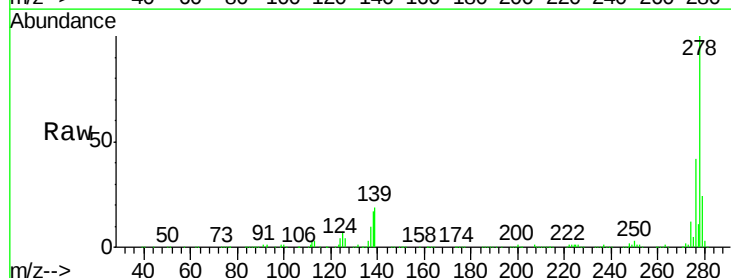
Tgt Ion:278 Resp: 964619

Ion Ratio Lower Upper

278 100

139 19.3 12.8 19.2#

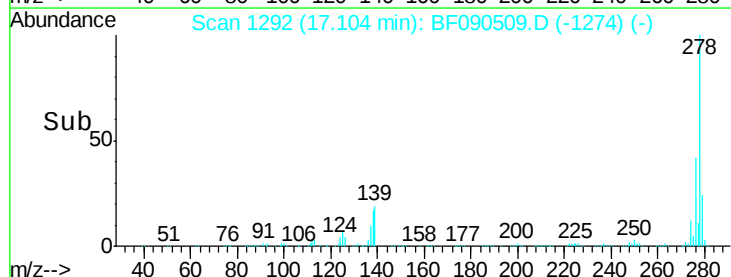
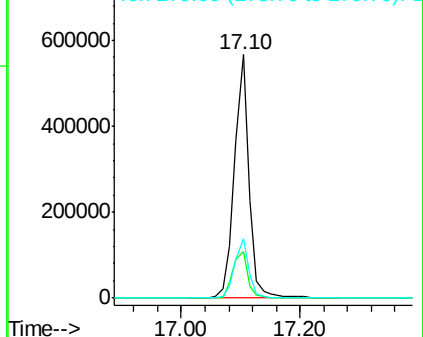
279 24.1 19.6 29.4

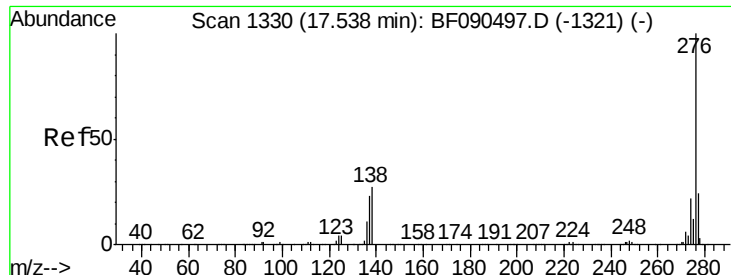


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.68 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090509.D

Acq: 11 Oct 2016 18:35

Instrument :

BNA_F

ClientSampleId :

PB93889BS

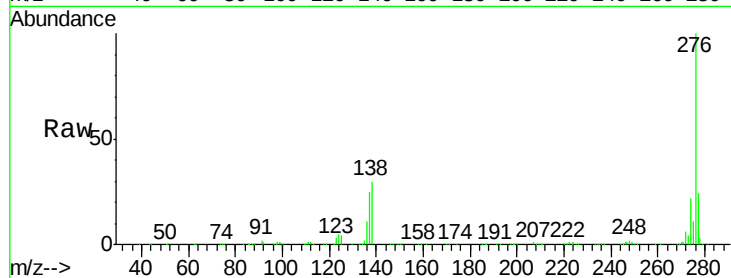
Tgt Ion: 276 Resp: 878836

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 30.2 20.8 31.2



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

