

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
 Data File : BF090140.D
 Acq On : 20 Sep 2016 18:07
 Operator : UM/SJ
 Sample : PB93481BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Quant Time: Sep 21 01:09:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	540290	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.82
38) Acenaphthene-d10	9.55	164	362142	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	581286	20.00	ng	0.00
75) Chrysene-d12	13.63	240	344226	20.00	ng	0.00
86) Perylene-d12	14.96	264	301753	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	1359381	41.01	ng	0.02
7) Phenol-d6	6.19	99	1796420	43.88	ng	0.02
23) Nitrobenzene-d5	7.10	82	1000469	0.00	ng	0.00
41) 2,4,6-Tribromophenol	10.34	330	375555	120.88	ng	0.00
44) 2-Fluorobiphenyl	8.89	172	1707800	92.58	ng	0.00
78) Terphenyl-d14	12.59	244	2877565	212.24	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.00	88	198780	11.05	ng	# 96
3) Pyridine	2.59	79	600218	15.39	ng	90
4) n-Nitrosodimethylamine	2.56	42	189572	16.29	ng	96
6) Aniline	6.27	93	533499	10.46	ng	# 43
8) 2-Chlorophenol	6.31	128	506965	13.29	ng	93
9) Benzaldehyde	6.06	77	54183	3.04	ng	96
11) bis(2-Chloroethyl)ether	6.27	93	525394	13.92	ng	90
12) 1,3-Dichlorobenzene	6.54	146	547912	13.75	ng	97
13) 1,4-Dichlorobenzene	6.70	146	492057	12.10	ng	98
14) 1,2-Dichlorobenzene	6.70	146	491776	13.57	ng	96
15) Benzyl Alcohol	6.68	79	370375	15.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.82	45	564410	12.52	ng	92
17) 2-Methylphenol	6.81	107	432744	14.41	ng	97
18) Hexachloroethane	7.03	117	200837	13.84	ng	96
19) n-Nitroso-di-n-propylamine	6.96	70	337417	14.03	ng	97
20) 3+4-Methylphenols	6.97	107	567839	15.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	334914	40.29	ng	99
40) Hexachlorocyclopentadiene	8.68	237	393287	95.88	ng	98
42) 2,4,6-Trichlorophenol	8.81	196	263597	44.50	ng	99
43) 2,4,5-Trichlorophenol	8.86	196	275929	44.99	ng	# 87
45) 1,1'-Biphenyl	8.99	154	1059325	40.89	ng	97
46) 2-Chloronaphthalene	9.00	162	888865	46.50	ng	97
47) 2-Nitroaniline	9.12	65	291368	50.56	ng	86
48) Acenaphthylene	9.42	152	1267859	40.84	ng	99
49) Dimethylphthalate	9.31	163	1081827	46.90	ng	99
50) 2,6-Dinitrotoluene	9.36	165	225804	43.92	ng	96
51) Acenaphthene	9.59	154	774156	42.02	ng	100
52) 3-Nitroaniline	9.52	138	166212	27.58	ng	85
53) 2,4-Dinitrophenol	9.63	184	96845	35.50	ng	95
54) Dibenzofuran	9.76	168	1091358	45.01	ng	93
55) 4-Nitrophenol	9.71	139	351367	85.09	ng	83
56) 2,4-Dinitrotoluene	9.76	165	242888	39.96	ng	97
57) Fluorene	10.10	166	776861	42.51	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	228675	49.80	ng	88

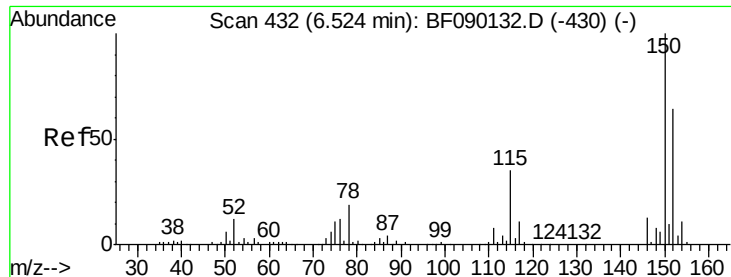
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	10.01	149	1171655	52.60	ng	95
60) 4-Chlorophenyl-phenylether	10.10	204	326226	39.15	ng	94
61) 4-Nitroaniline	10.14	138	227725	37.07	ng	87
62) Azobenzene	10.26	77	1232282	53.14	ng	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	96628	26.54	ng	94
65) n-Nitrosodiphenylamine	10.23	169	857858	44.88	ng	100
66) 4-Bromophenyl-phenylether	10.58	248	249057	43.54	ng	# 78
67) Hexachlorobenzene	10.65	284	290197	43.53	ng	# 81
68) Atrazine	10.78	200	213474	40.76	ng	97
69) Pentachlorophenol	10.84	266	240769	63.63	ng	99
70) Phenanthrene	11.05	178	1201893	44.21	ng	99
71) Anthracene	11.11	178	1402130	49.18	ng	99
72) Carbazole	11.27	167	1392471	46.20	ng	99
73) Di-n-butylphthalate	11.62	149	1145137	32.67	ng	98
74) Fluoranthene	12.23	202	1319316	45.21	ng	97
76) Benzidine	12.38	184	23991	2.08	ng	# 1
77) Pyrene	12.45	202	1271327	53.97	ng	99
79) Butylbenzylphthalate	13.09	149	721298	62.60	ng	# 73
80) Benzo(a)anthracene	13.63	228	981385	52.99	ng	99
81) 3,3'-Dichlorobenzidine	13.60	252	159173	20.84	ng	# 96
82) Chrysene	13.67	228	915359	50.74	ng	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	1050954	71.28	ng	99
84) Di-n-octyl phthalate	14.26	149	1775992	69.92	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.14	276	872966	59.85	ng	98
87) Benzo(b)fluoranthene	14.64	252	1416659	84.78	ng	97
88) Benzo(k)fluoranthene	14.64	252	1418572	90.46	ng	# 97
89) Benzo(a)pyrene	14.91	252	704962	44.85	ng	98
90) Dibenzo(a,h)anthracene	16.15	278	728786	59.42	ng	97
91) Benzo(g,h,i)perylene	16.48	276	769972	64.14	ng	98

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

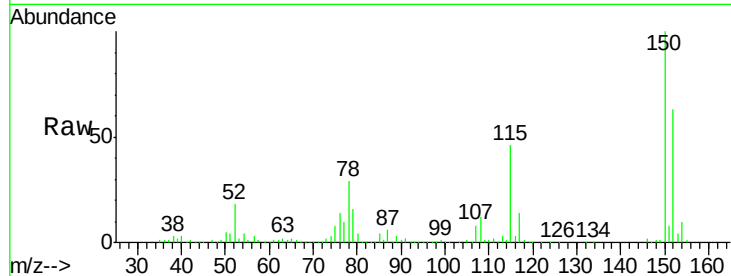


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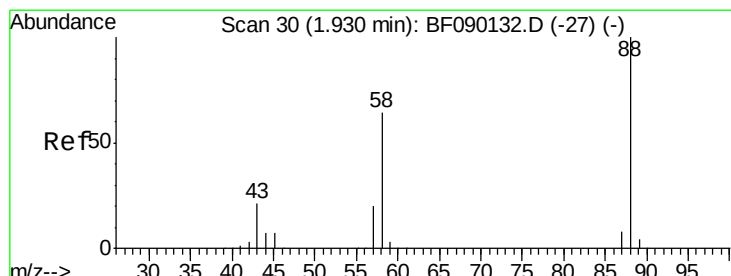
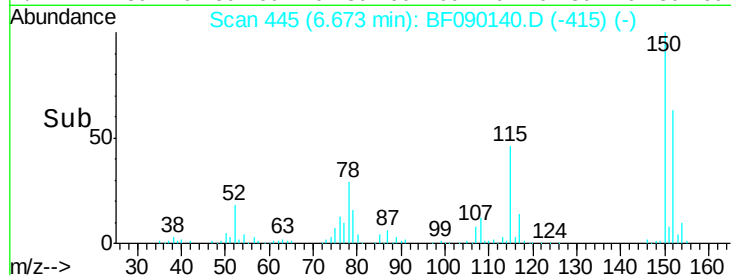
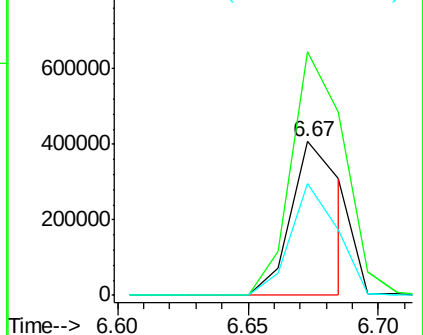
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:152 Resp: 540290
Ion Ratio Lower Upper
152 100
150 158.6 128.9 193.3
115 73.1 55.5 83.3



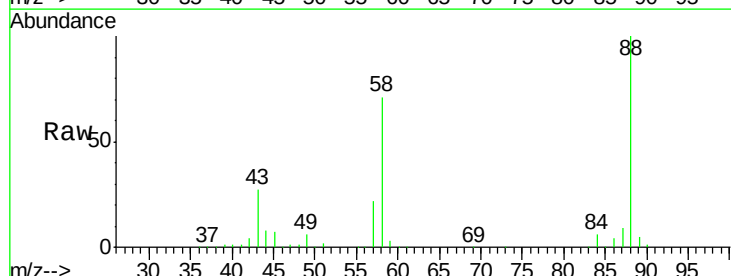
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



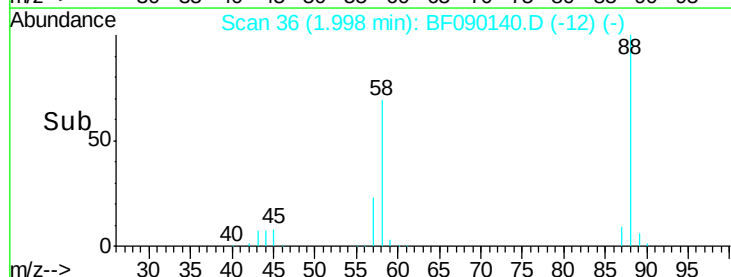
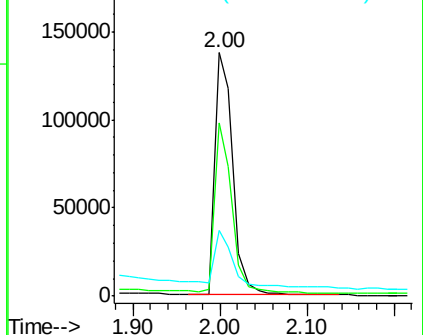
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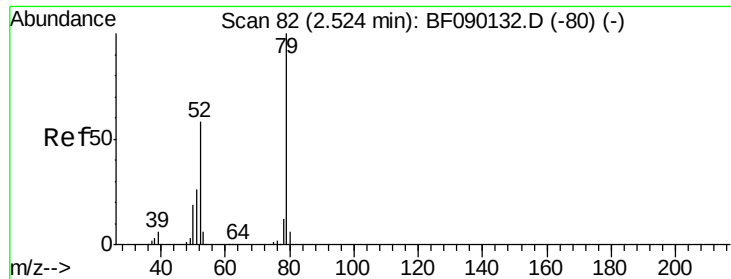
1,4-Dioxane
Concen: 11.05 ng
RT: 2.00 min Scan# 36
Delta R.T. 0.07 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 88 Resp: 198780
Ion Ratio Lower Upper
88 100
58 67.8 53.4 80.0
43 26.9 16.5 24.7#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

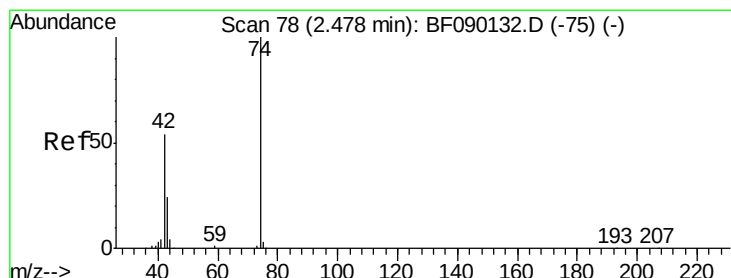
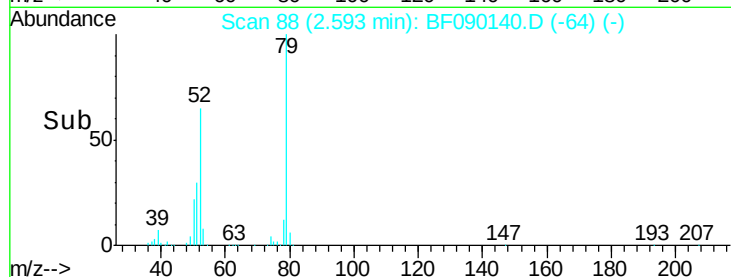
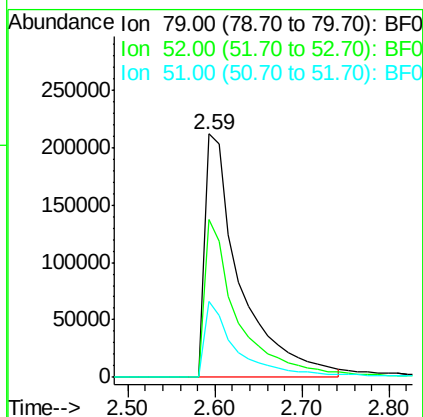
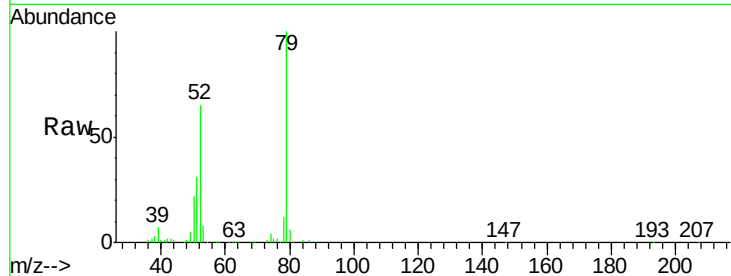




#3
 Pyridine
 Concen: 15.39 ng
 RT: 2.59 min Scan# 88
 Delta R.T. 0.07 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

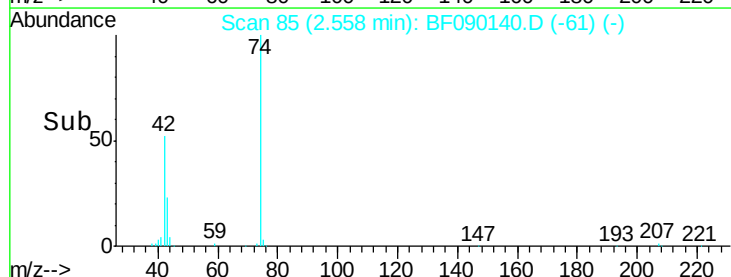
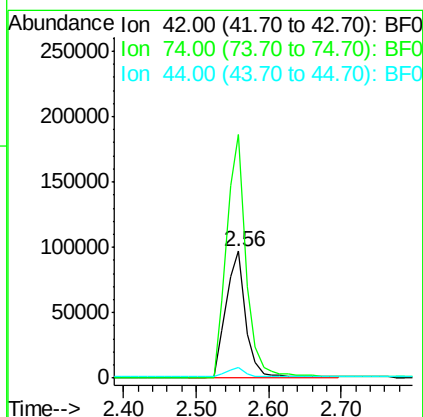
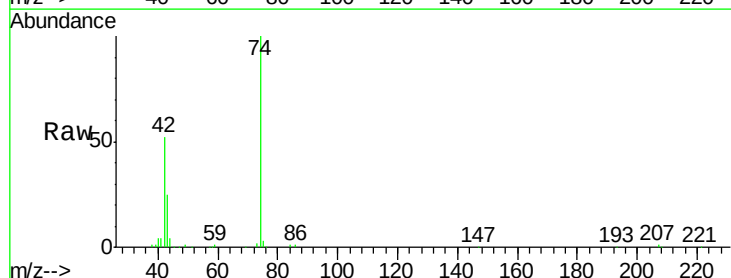
Instrument :
 BNA_F
 ClientSampled :
 PB93481BS

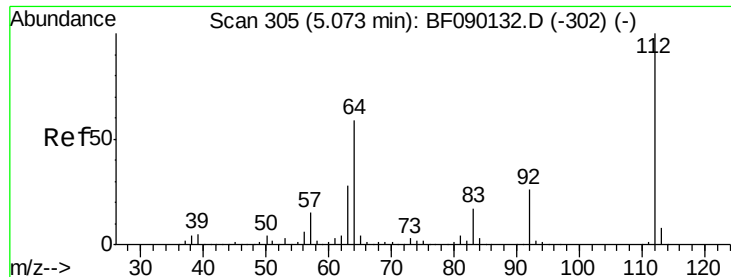
Tgt Ion: 79 Resp: 600218
 Ion Ratio Lower Upper
 79 100
 52 65.0 45.9 68.9
 51 31.0 21.3 31.9



#4
 n-Nitrosodimethylamine
 Concen: 16.29 ng
 RT: 2.56 min Scan# 85
 Delta R.T. 0.08 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion: 42 Resp: 189572
 Ion Ratio Lower Upper
 42 100
 74 191.8 158.7 238.1
 44 8.2 6.4 9.6





#5

2-Fluorophenol

Concen: 41.01 ng

RT: 5.10 min Scan# 307

Delta R.T. 0.02 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

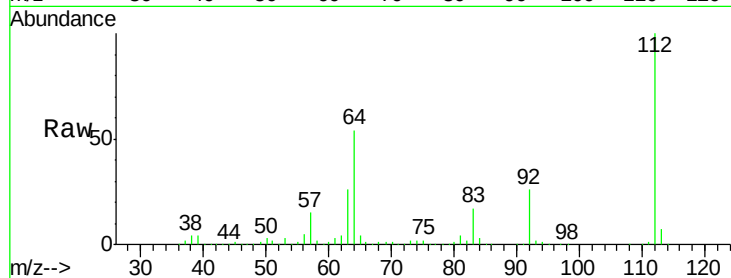
Tgt Ion: 112 Resp: 1359381

Ion Ratio Lower Upper

112 100

64 54.0 39.8 59.6

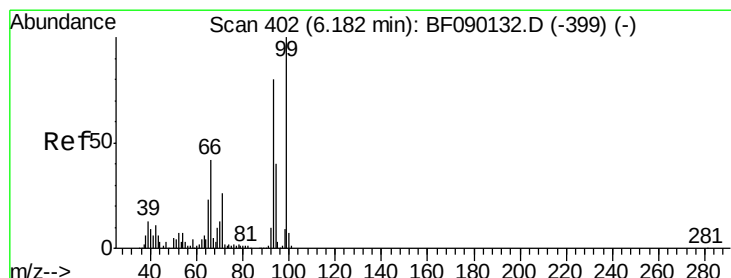
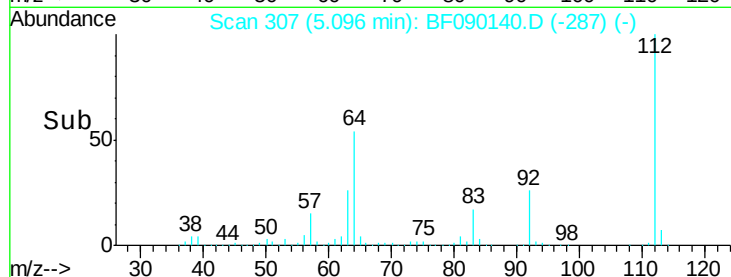
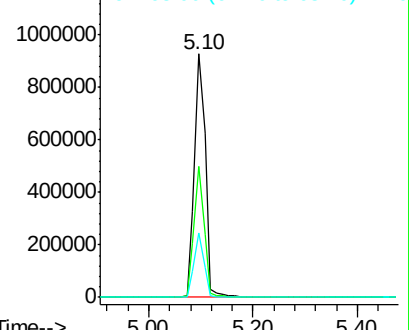
63 26.4 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.46 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.09 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

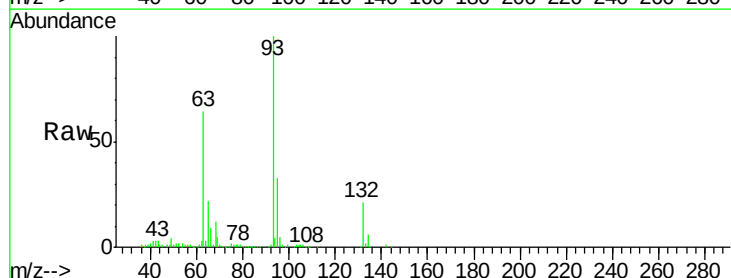
Tgt Ion: 93 Resp: 533499

Ion Ratio Lower Upper

93 100

66 8.9 54.2 81.2#

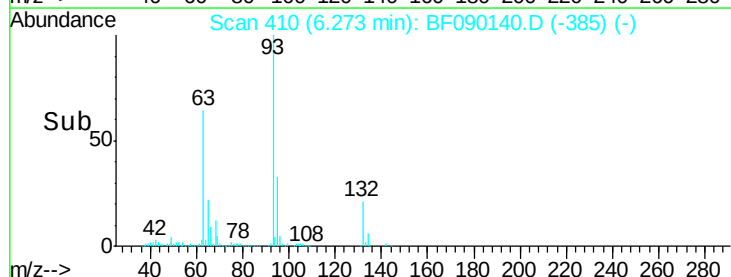
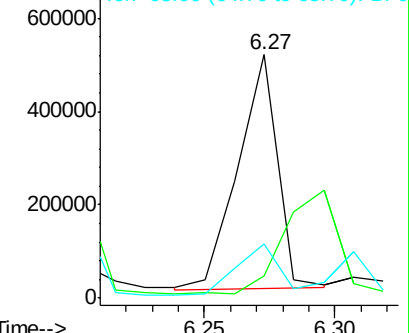
65 22.4 33.8 50.6#

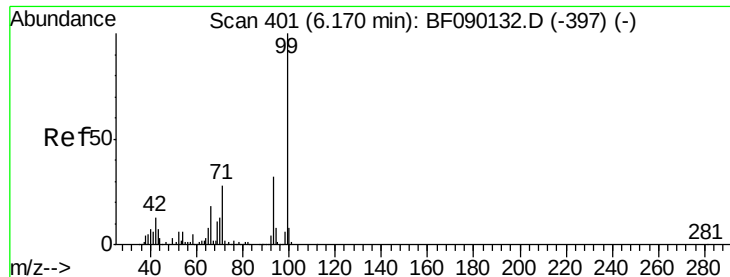


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.88 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.02 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

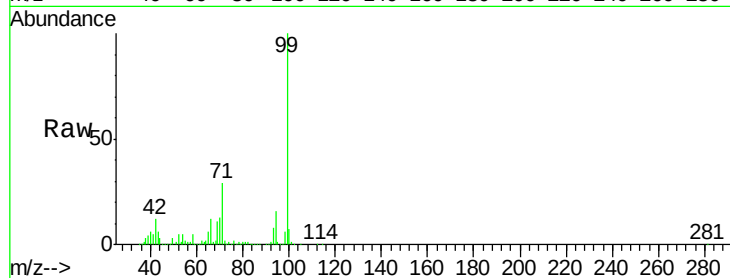
Tgt Ion: 99 Resp: 1796420

Ion Ratio Lower Upper

99 100

42 11.9 10.6 15.8

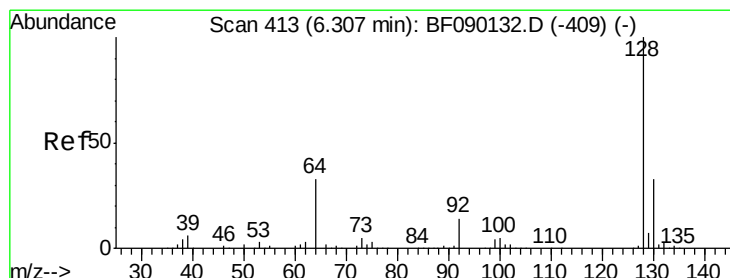
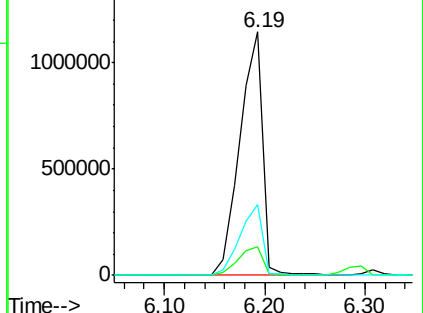
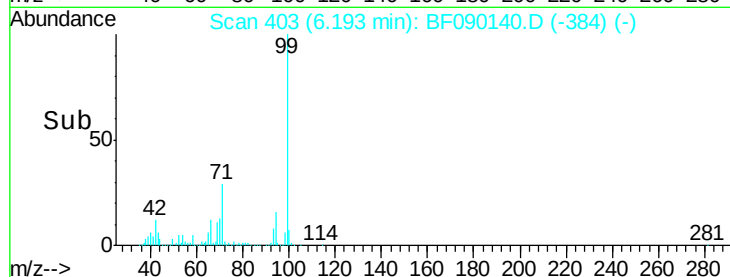
71 29.0 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 13.29 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

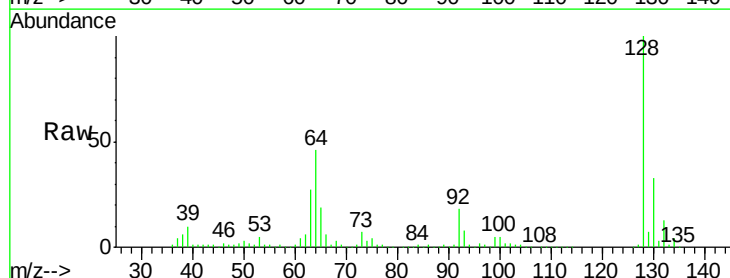
Tgt Ion: 128 Resp: 506965

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

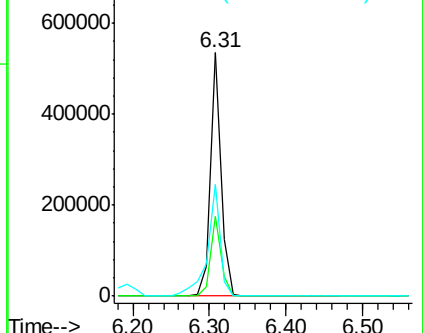
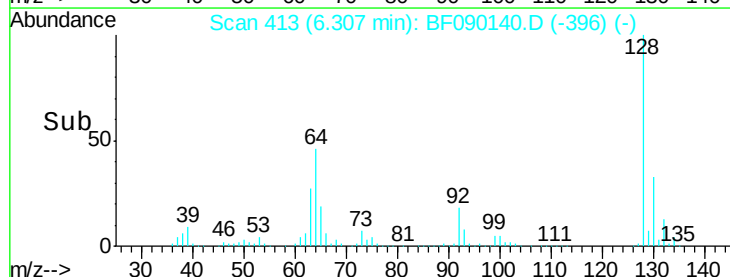
64 45.9 33.6 73.6

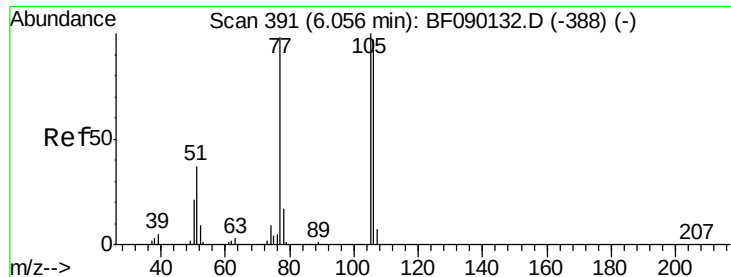


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.04 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.00 min

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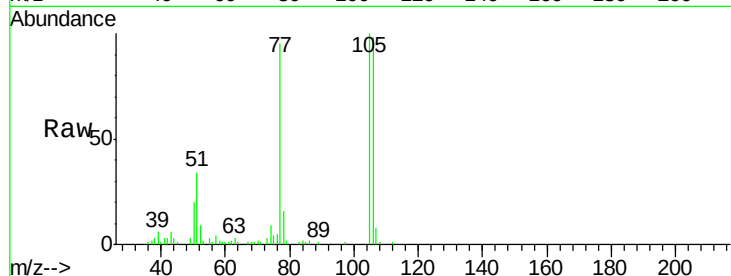
Tgt Ion: 77 Resp: 54183

Ion Ratio Lower Upper

77 100

105 105.7 83.0 123.0

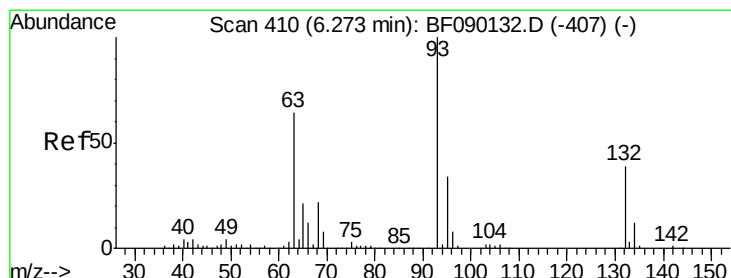
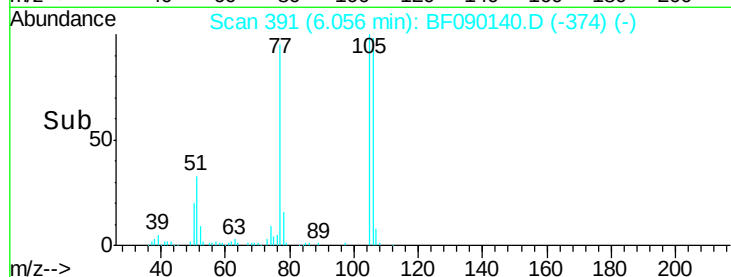
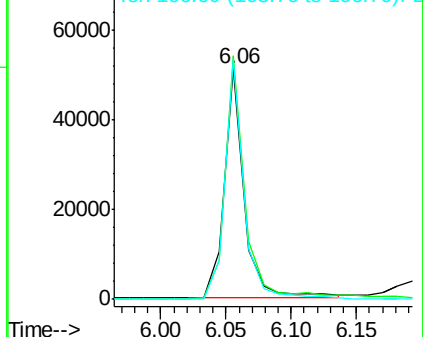
106 104.0 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 13.92 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

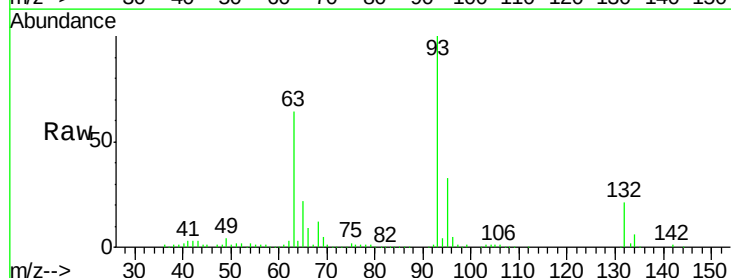
Tgt Ion: 93 Resp: 525394

Ion Ratio Lower Upper

93 100

63 63.7 55.6 95.6

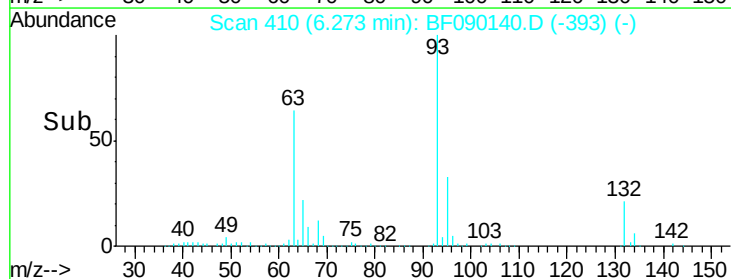
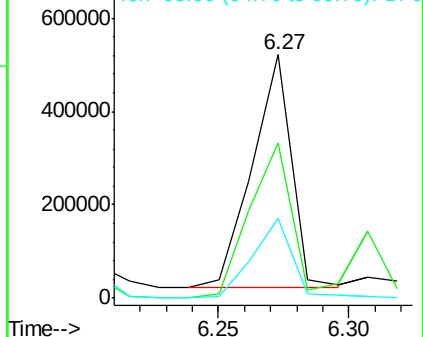
95 32.7 12.6 52.6

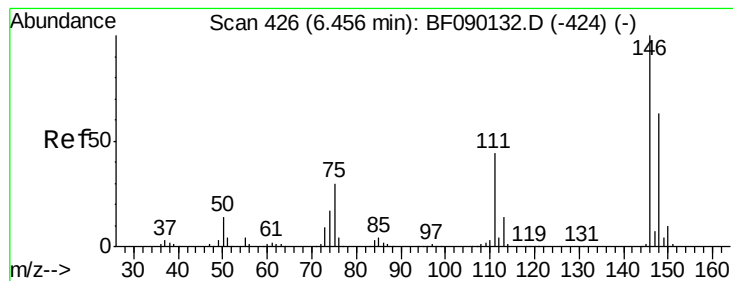


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 13.75 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.08 min

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Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

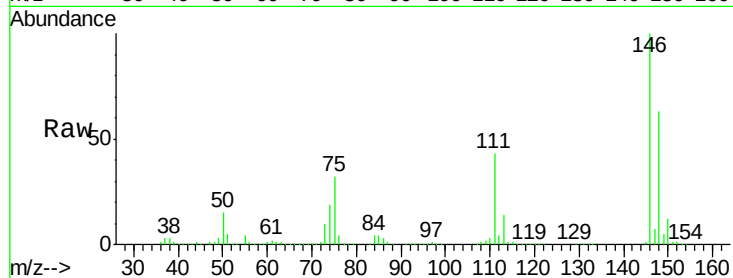
Tgt Ion:146 Resp: 547912

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

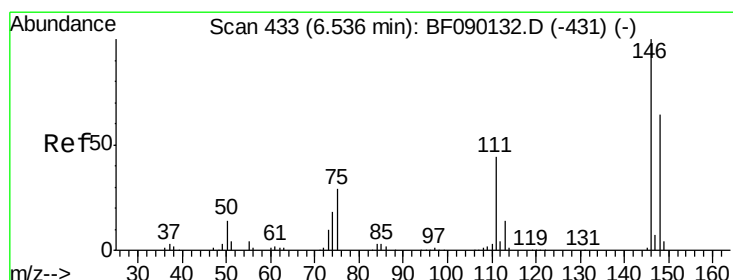
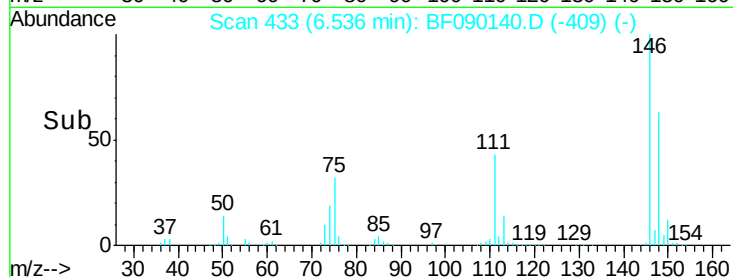
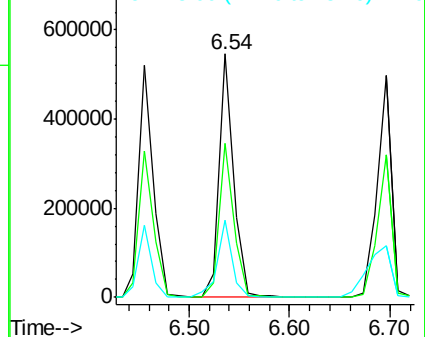
75 31.9 22.8 34.2



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: 12.10 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.16 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

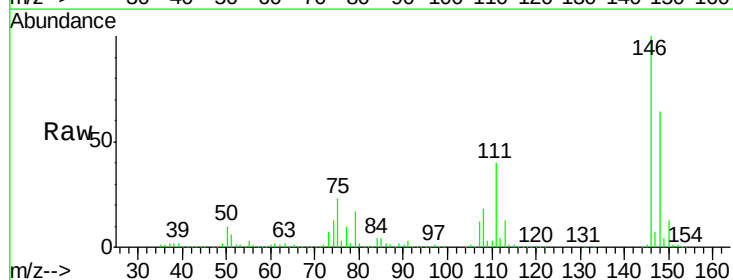
Tgt Ion:146 Resp: 492057

Ion Ratio Lower Upper

146 100

148 64.2 52.0 78.0

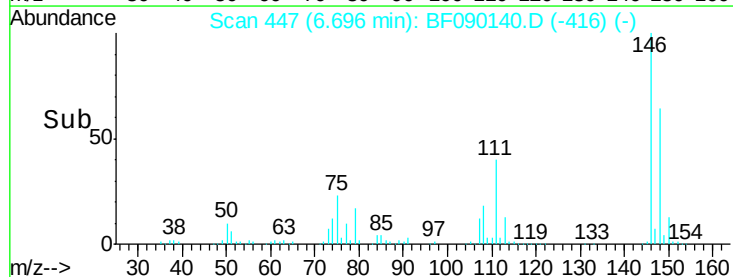
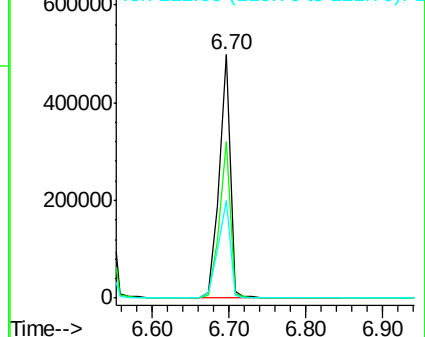
111 40.3 33.8 50.6

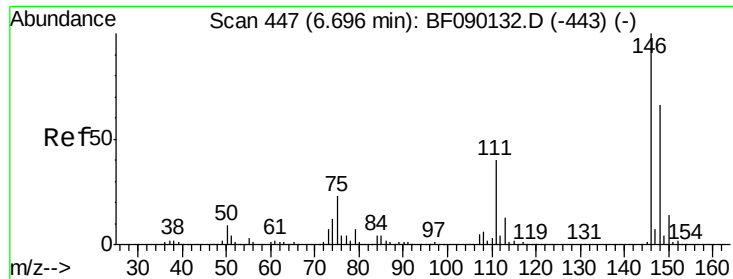


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

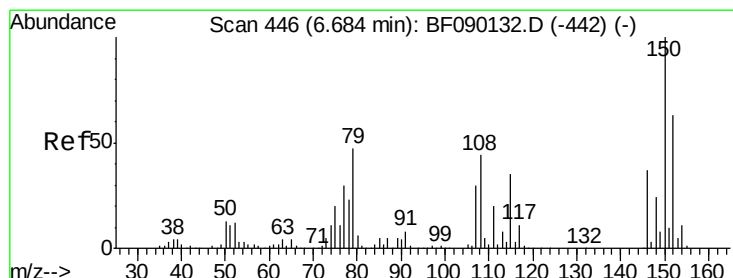
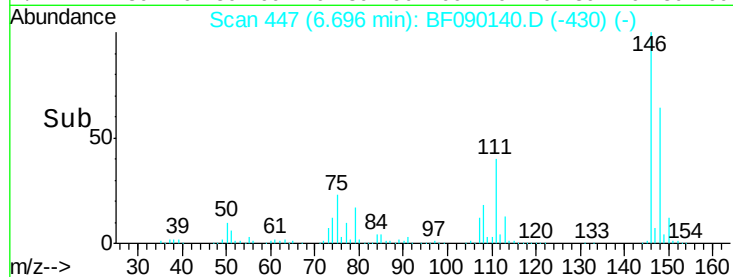
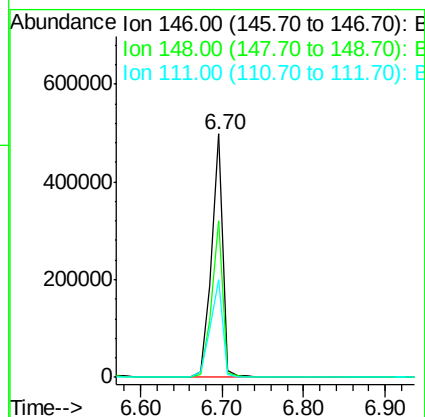
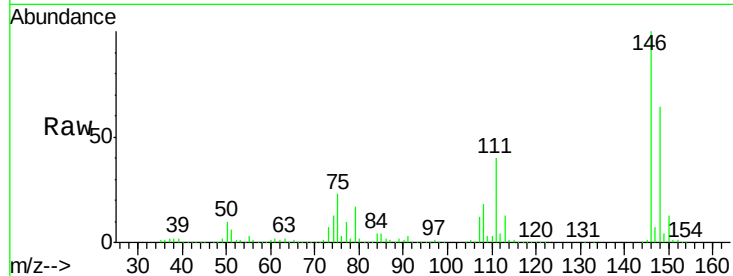




#14
1,2-Dichlorobenzene
Concen: 13.57 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

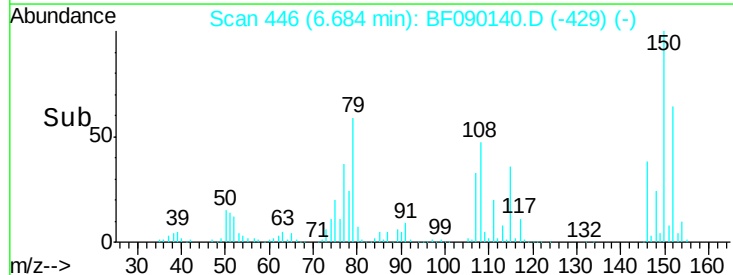
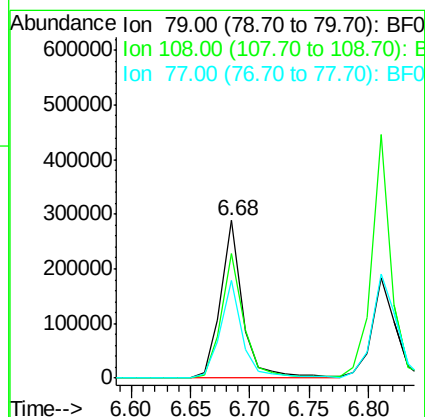
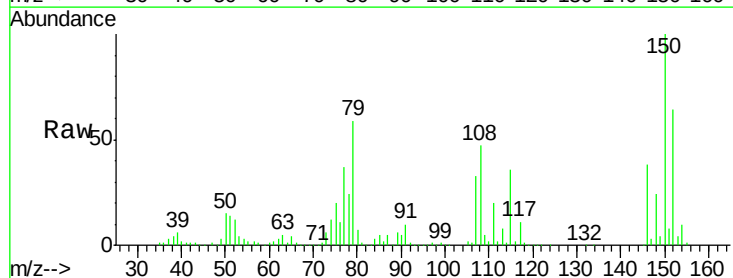
Instrument :
BNA_F
ClientSampleId :
PB93481BS

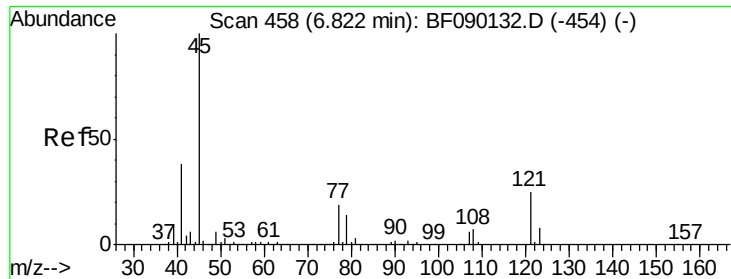
Tgt Ion:146 Resp: 491776
Ion Ratio Lower Upper
146 100
148 64.2 52.6 79.0
111 40.3 28.2 42.2



#15
Benzyl Alcohol
Concen: 15.17 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 79 Resp: 370375
Ion Ratio Lower Upper
79 100
108 79.3 62.2 93.4
77 62.3 51.4 77.0

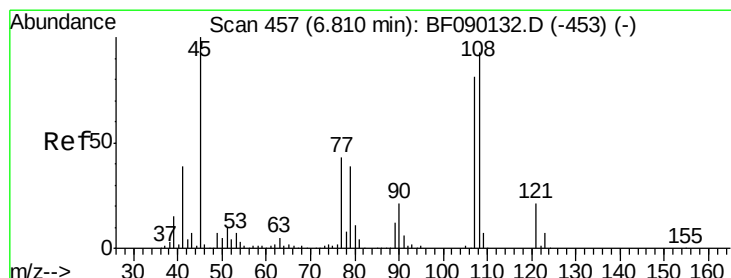
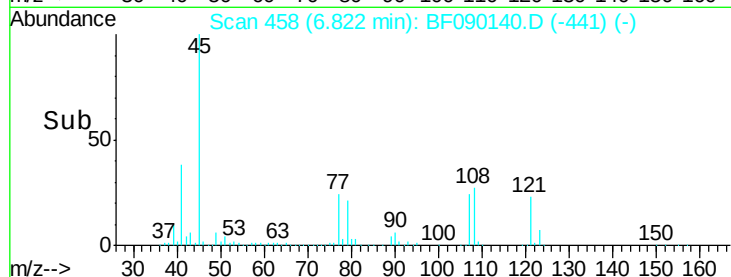
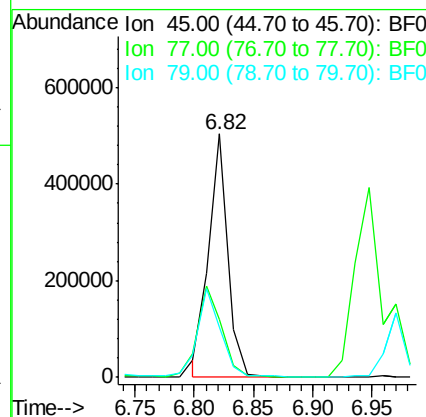
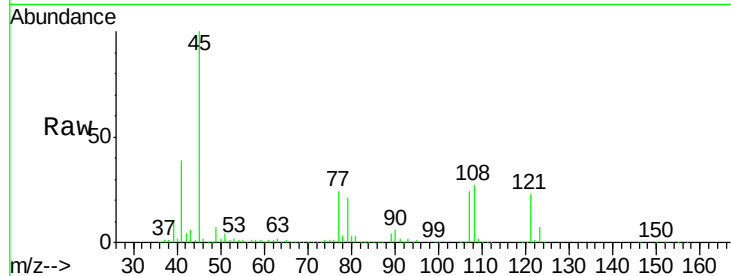




#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.52 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

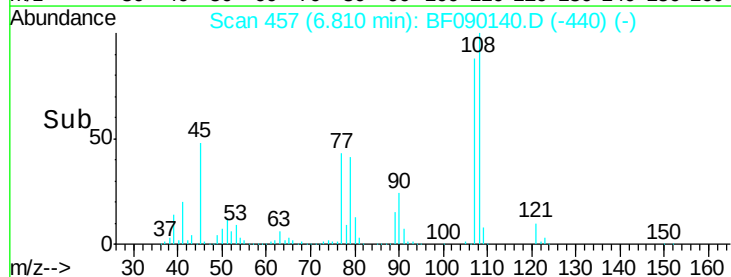
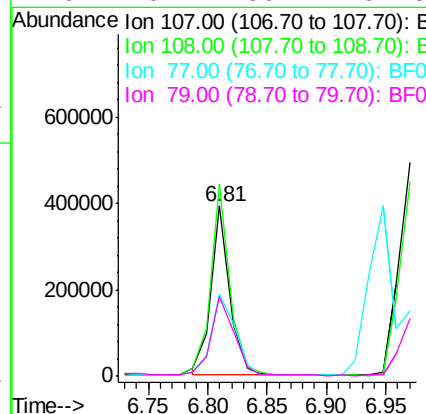
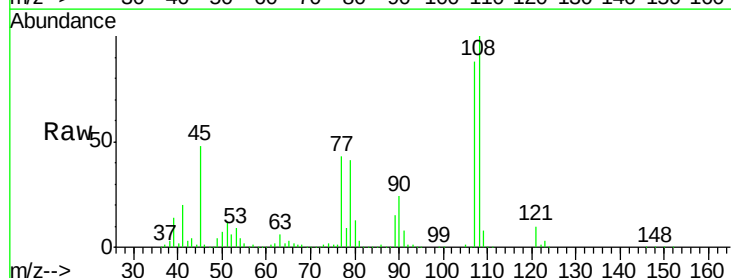
Instrument :
BNA_F
ClientSampleId :
PB93481BS

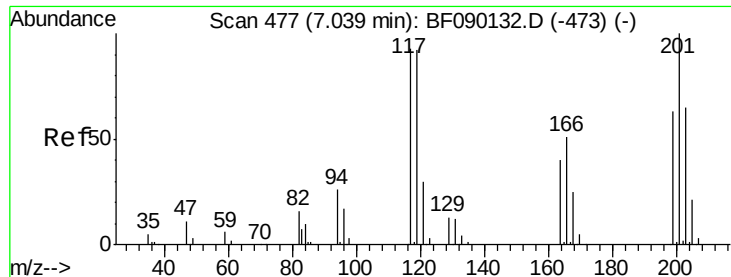
Tgt Ion: 45 Resp: 564410
Ion Ratio Lower Upper
45 100
77 23.9 0.5 40.5
79 20.6 0.0 37.0



#17
2-Methylphenol
Concen: 14.41 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 107 Resp: 432744
Ion Ratio Lower Upper
107 100
108 113.4 92.0 138.0
77 48.4 35.6 53.4
79 46.7 35.2 52.8

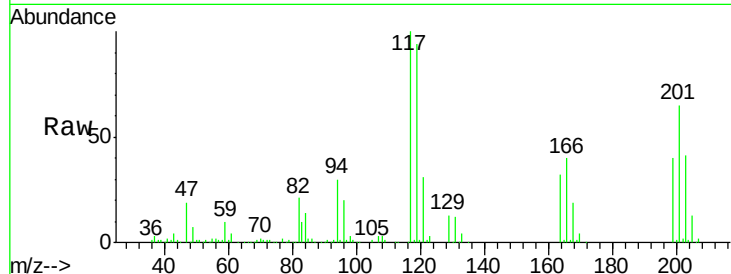




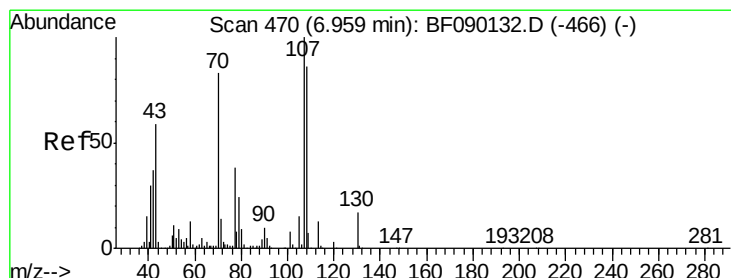
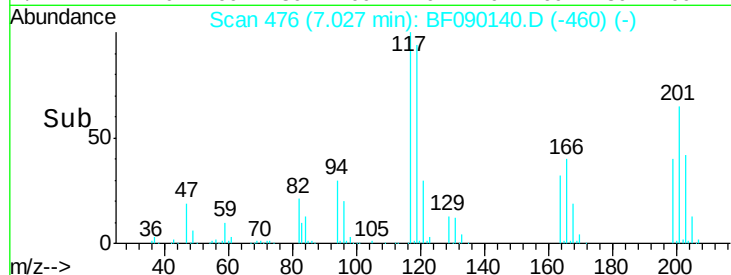
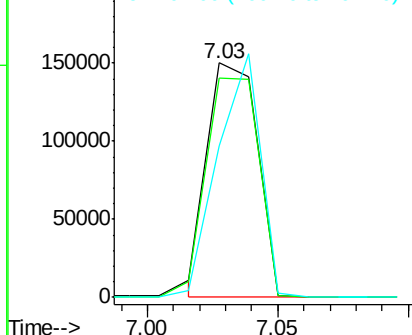
#18
Hexachloroethane
Concen: 13.84 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion: 117 Resp: 200837
Ion Ratio Lower Upper
117 100
119 93.7 76.6 115.0
201 64.7 55.5 83.3



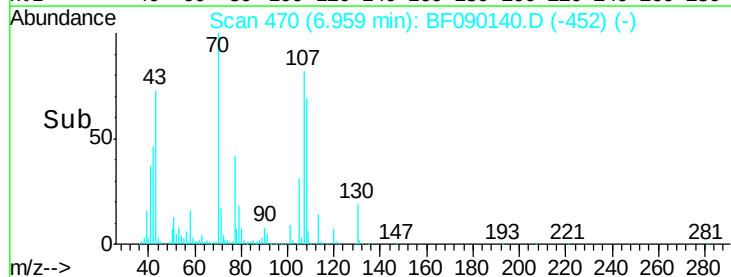
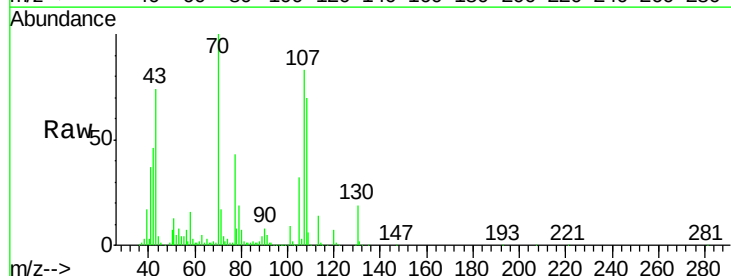
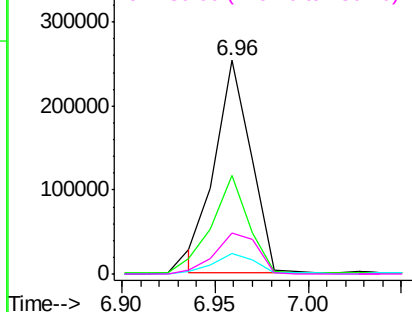
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

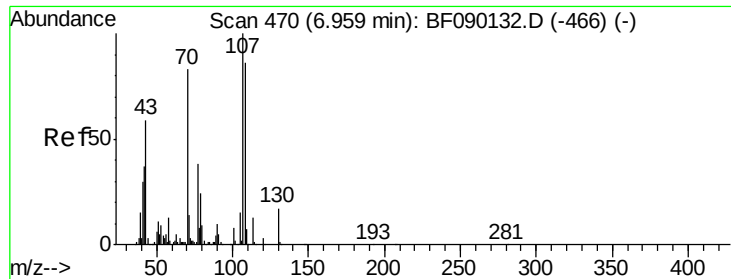


#19
n-Nitroso-di-n-propylamine
Concen: 14.03 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 70 Resp: 337417
Ion Ratio Lower Upper
70 100
42 46.1 35.1 52.7
101 9.4 7.5 11.3
130 19.0 16.6 25.0

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

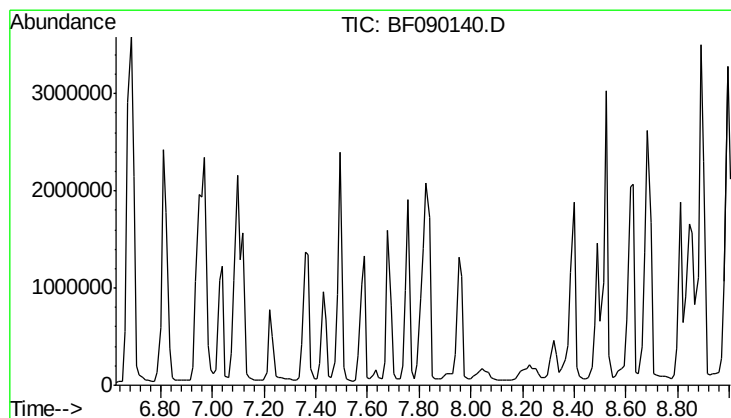
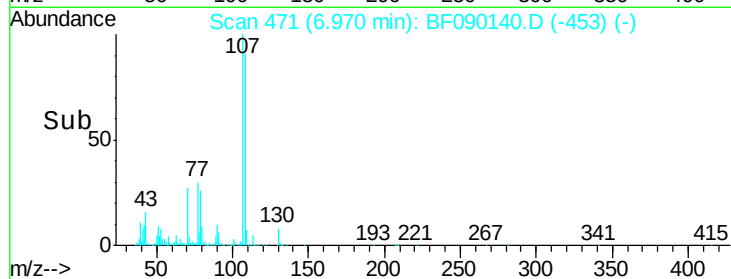
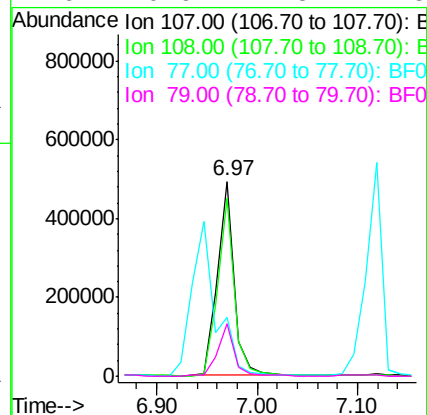
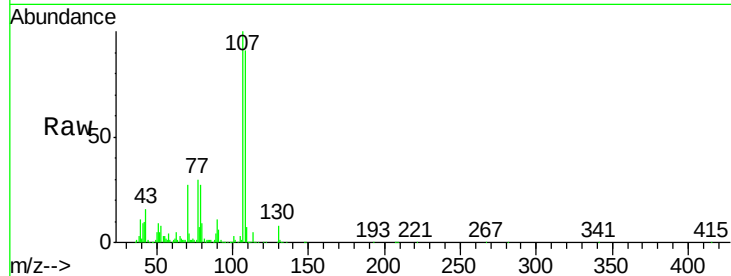




#20
 3+4-Methylphenols
 Concen: 15.74 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

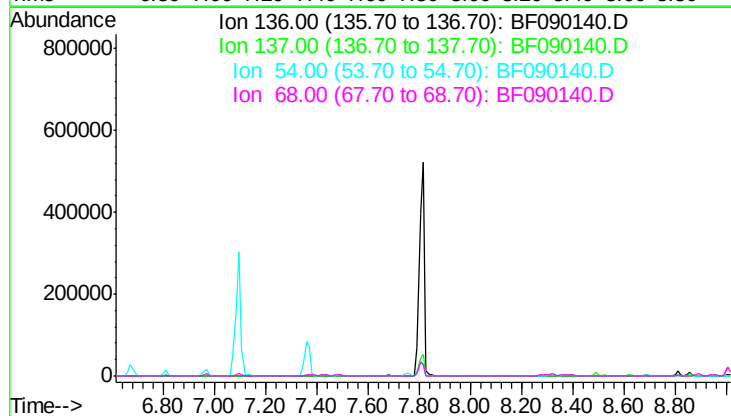
Tgt Ion	Resp	Lower	Upper
107	100		
108	91.4	73.3	113.3
77	30.4	14.1	54.1
79	26.9	7.5	47.5

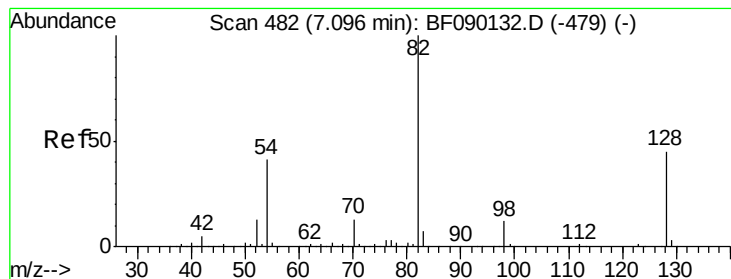


#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 7.82 min

Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Exp Ratio
136	100
137	11.2
54	8.0
68	7.9





#23

Nitrobenzene-d5

Concen: 0.00 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

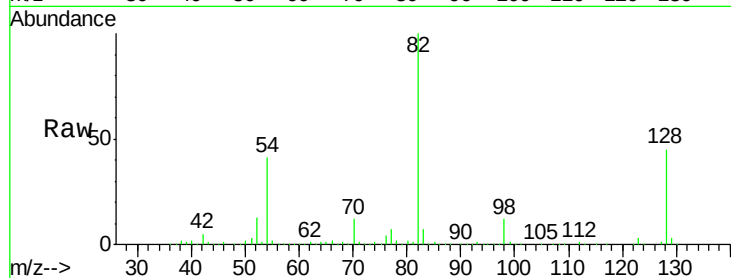
Tgt Ion: 82 Resp: 1000469

Ion Ratio Lower Upper

82 100

128 44.8 37.5 56.3

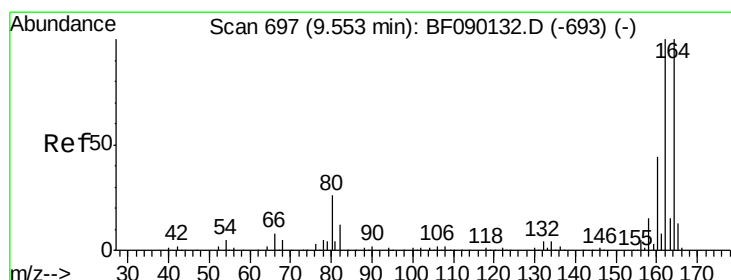
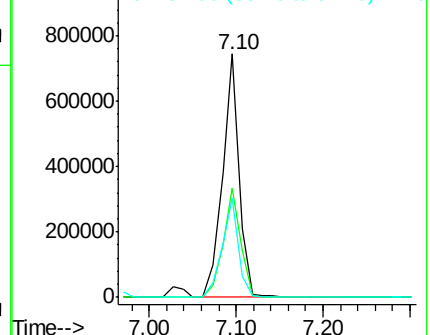
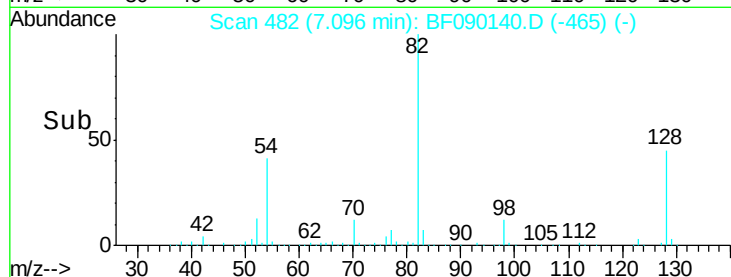
54 40.7 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

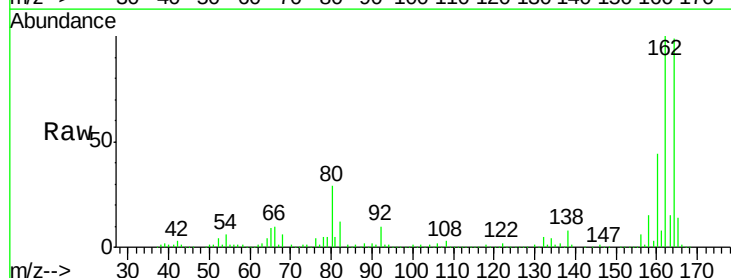
Tgt Ion: 164 Resp: 362142

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.2

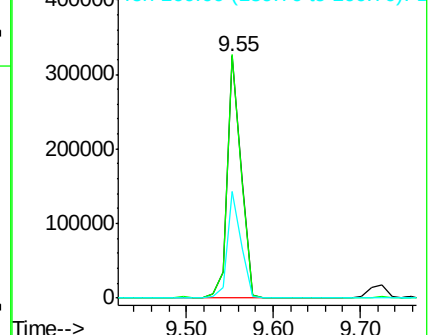
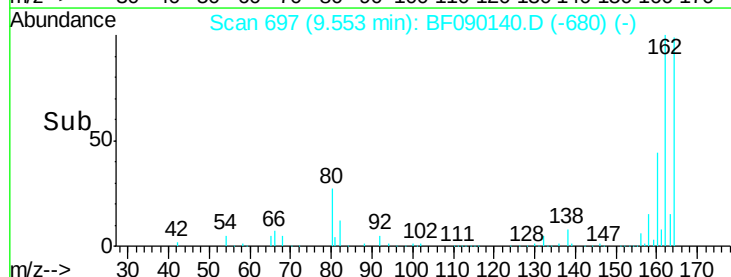
160 44.3 36.6 54.8

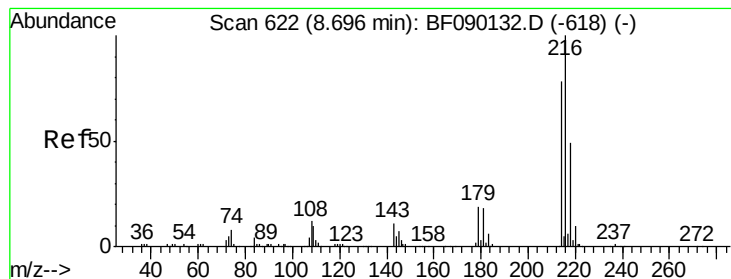


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.29 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

Tgt Ion:216 Resp: 334914

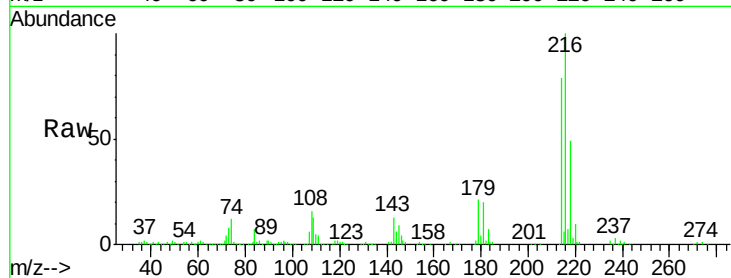
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 22.2 18.5 27.7

108 23.3 19.5 29.3

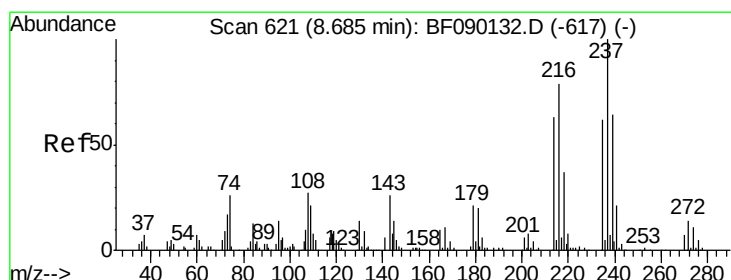
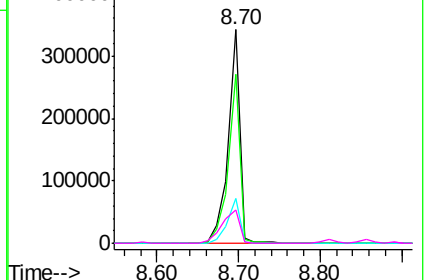
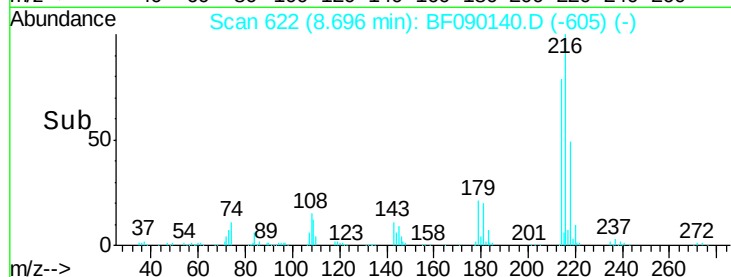


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 95.88 ng

RT: 8.68 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

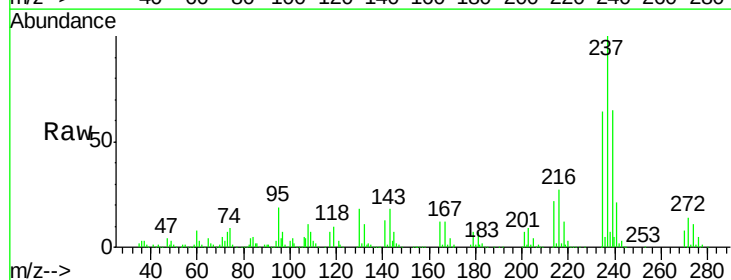
Tgt Ion:237 Resp: 393287

Ion Ratio Lower Upper

237 100

235 64.0 42.5 82.5

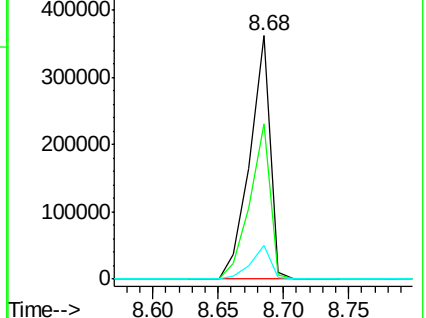
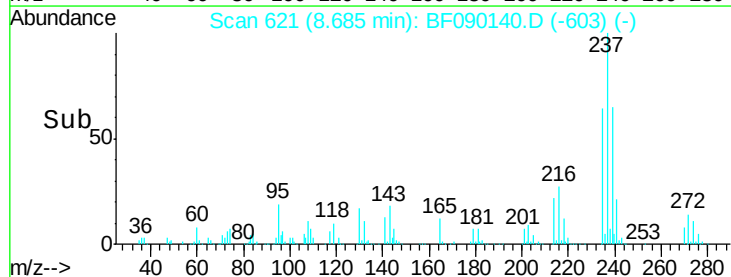
272 13.7 0.0 32.0

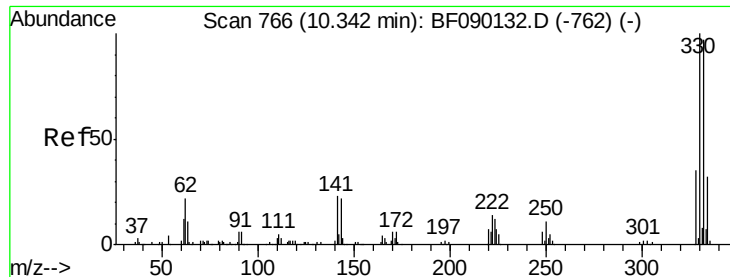


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

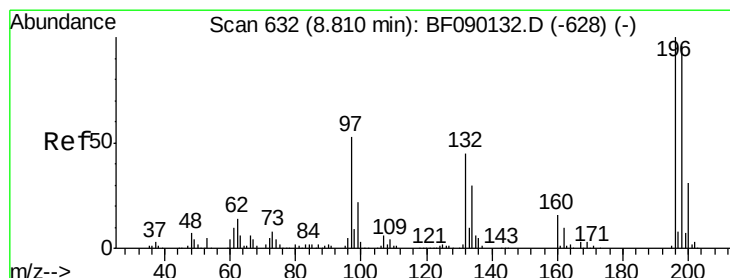
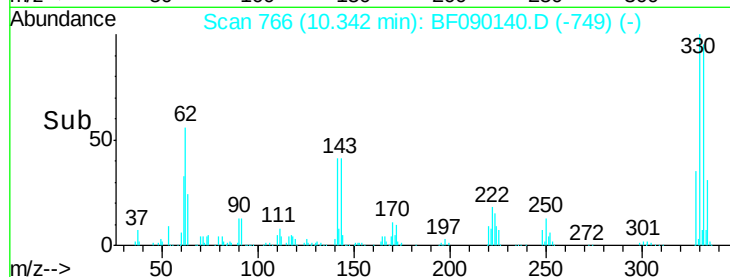
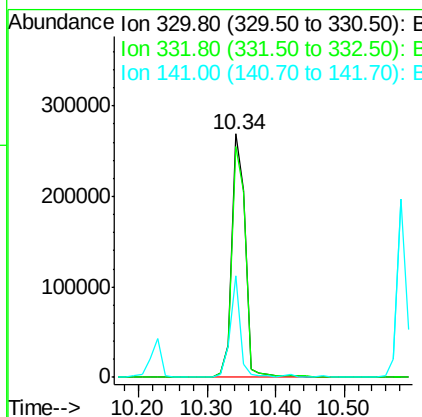
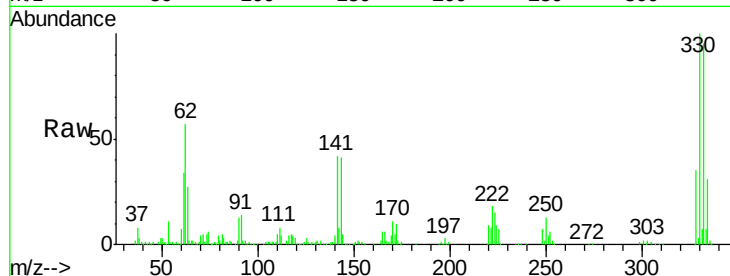




#41
 2,4,6-Tribromophenol
 Concen: 120.88 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

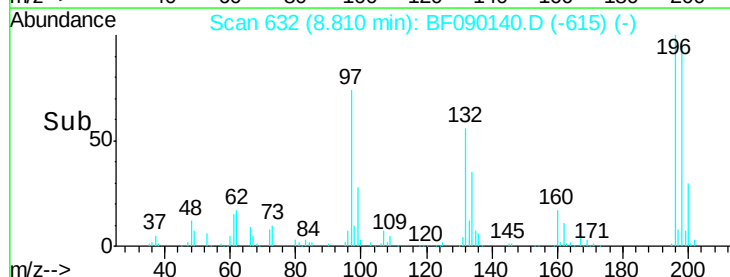
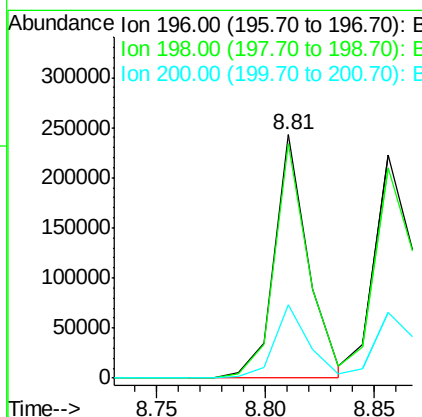
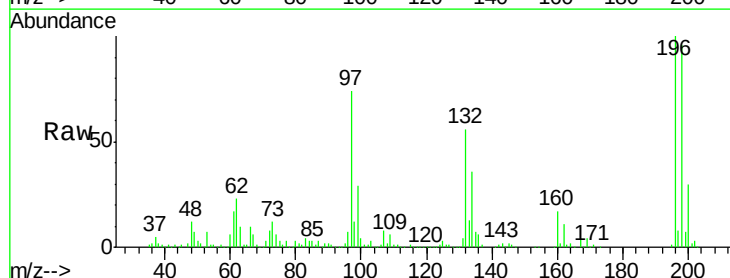
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

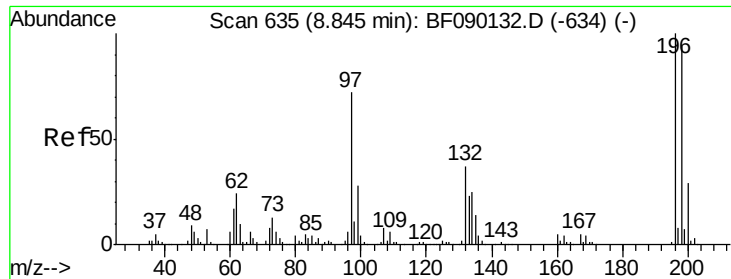
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	30.3	23.9	35.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.50 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.3	114.5
200	29.9	24.1	36.1

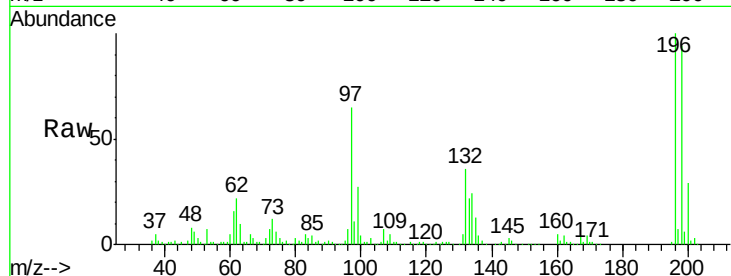




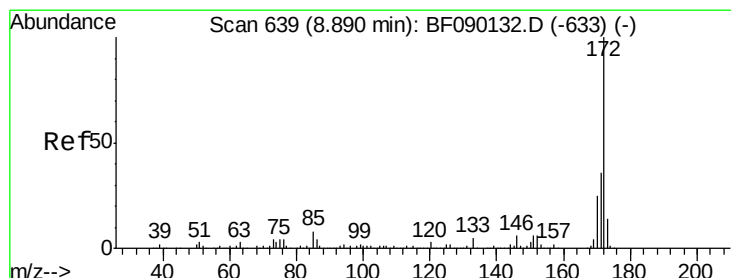
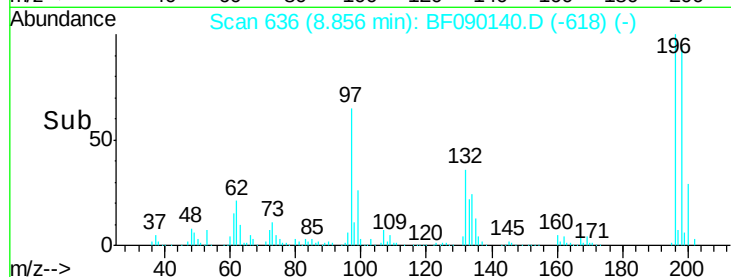
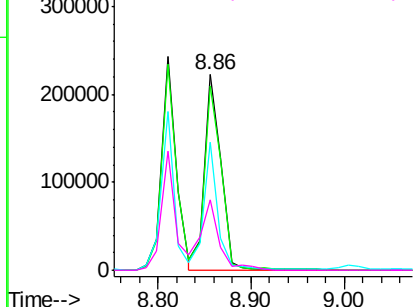
#43
 2,4,5-Trichlorophenol
 Concen: 44.99 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.6	114.8
97	65.5	34.4	51.6#
132	35.8	22.2	33.2#

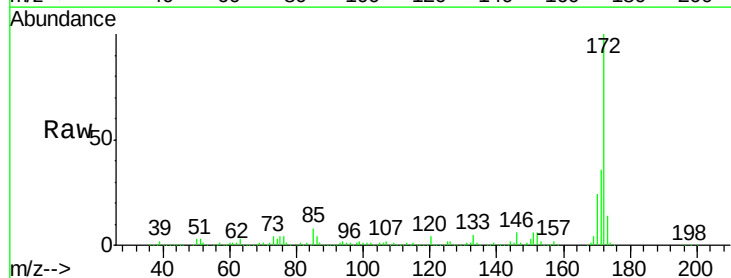


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

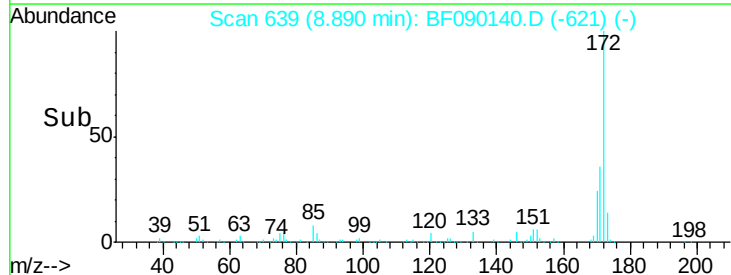
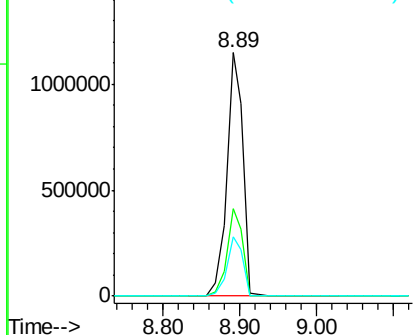


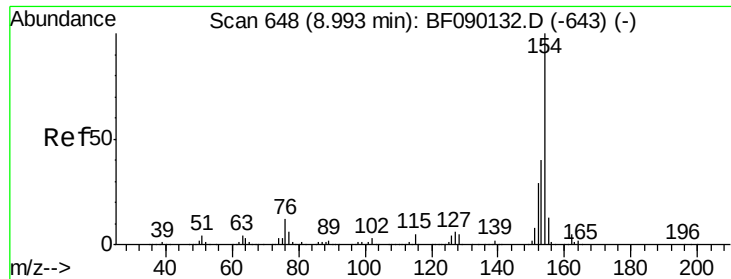
#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.3	19.8	29.8



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

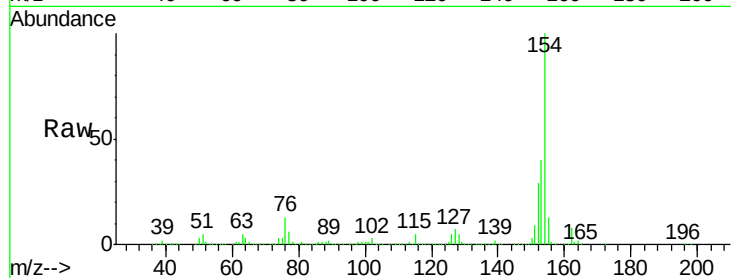




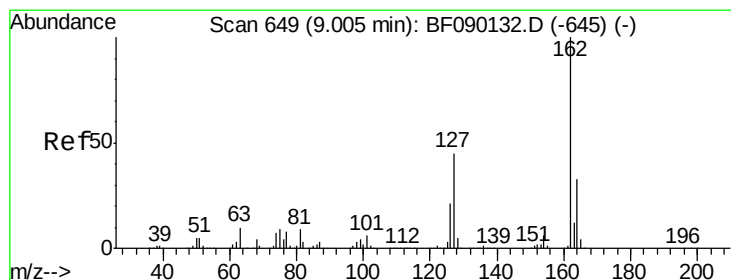
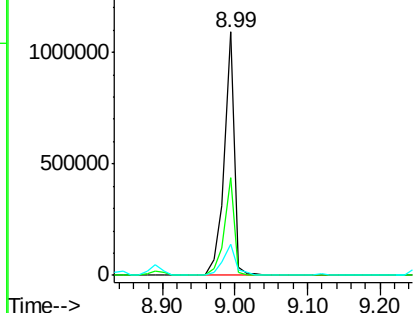
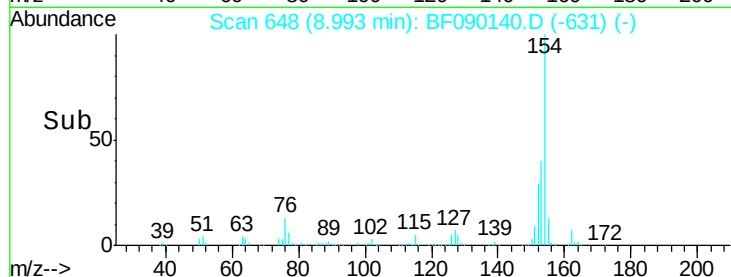
#45
 1,1'-Biphenyl
 Concen: 40.89 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion:154 Resp: 1059325
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 12.9 0.0 36.7

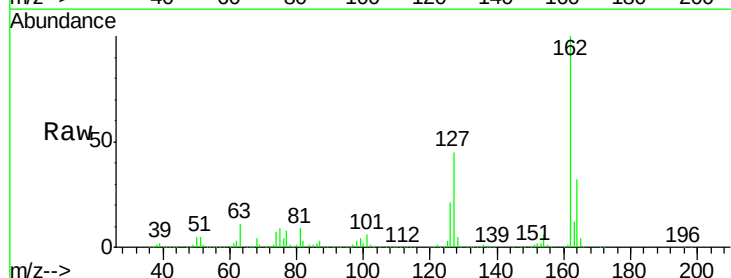


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

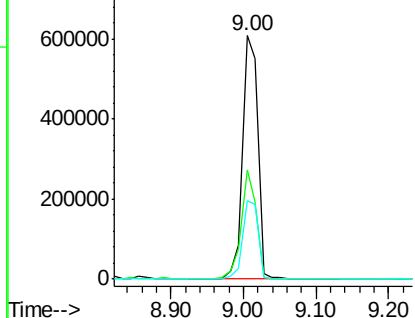
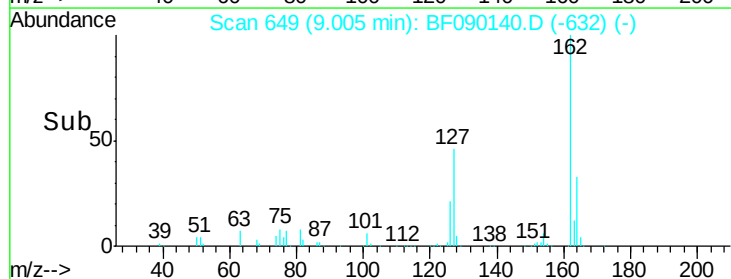


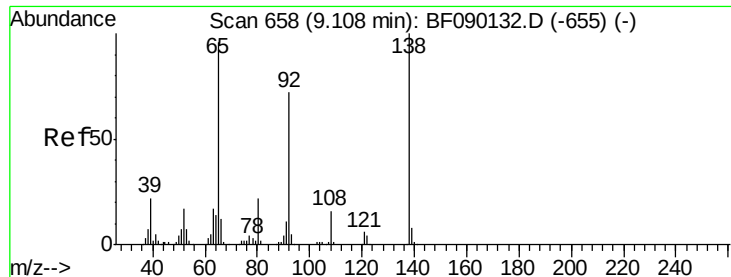
#46
 2-Chloronaphthalene
 Concen: 46.50 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion:162 Resp: 888865
 Ion Ratio Lower Upper
 162 100
 127 44.8 34.0 51.0
 164 32.4 26.8 40.2



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

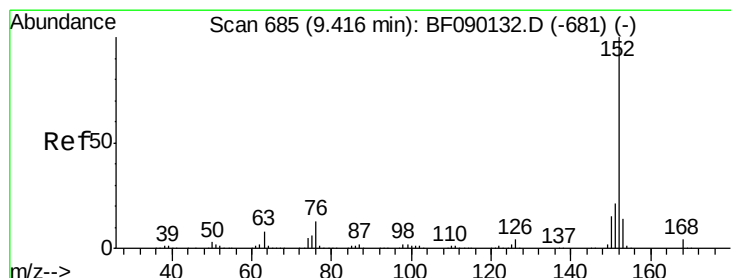
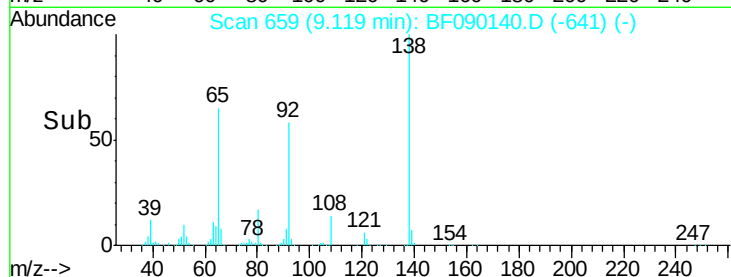
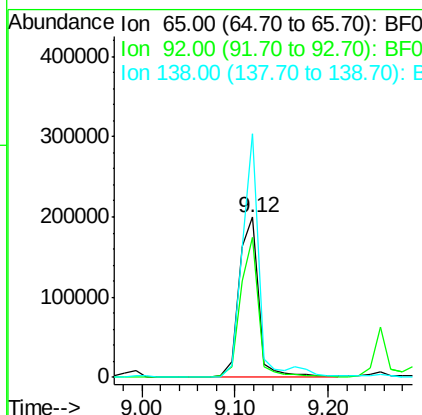
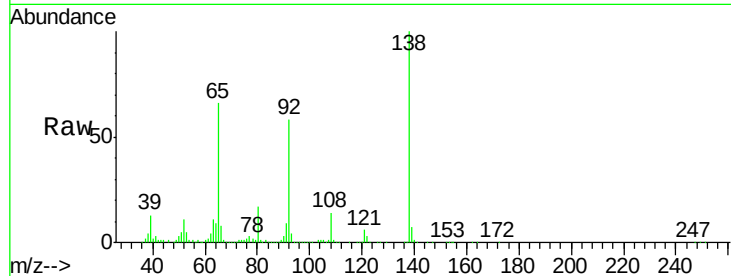




#47
2-Nitroaniline
Concen: 50.56 ng
RT: 9.12 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

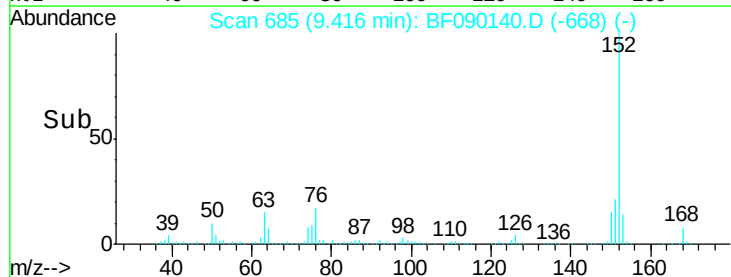
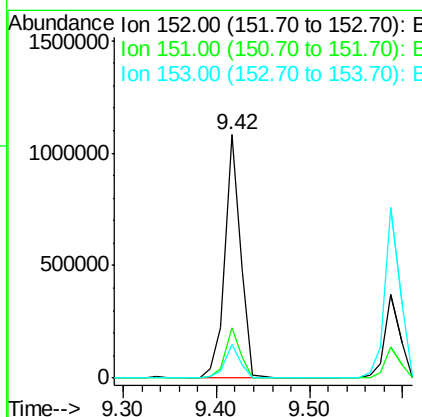
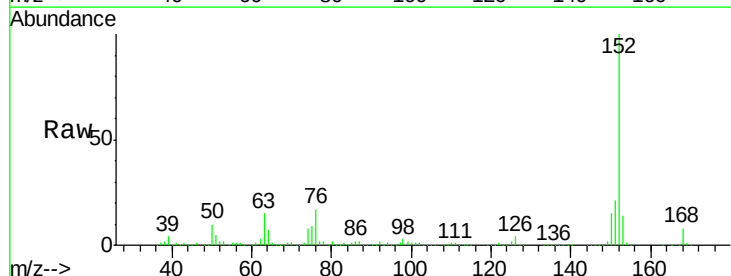
Instrument :
BNA_F
ClientSampleId :
PB93481BS

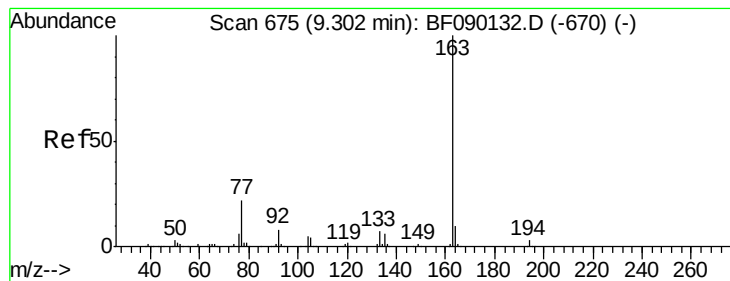
Tgt Ion: 65 Resp: 291368
Ion Ratio Lower Upper
65 100
92 87.8 66.1 99.1
138 152.2 104.1 156.1



#48
Acenaphthylene
Concen: 40.84 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 152 Resp: 1267859
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.8 10.6 15.8





#49

Dimethylphthalate

Concen: 46.90 ng

RT: 9.31 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

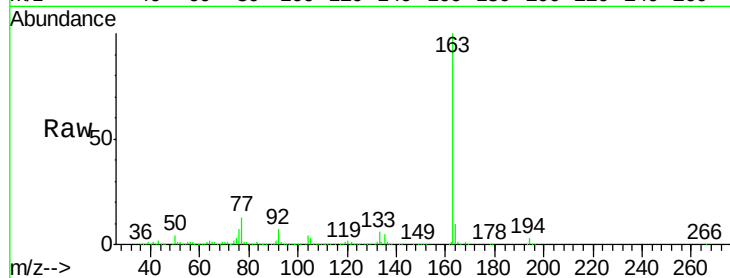
Tgt Ion:163 Resp: 1081827

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

1000000

800000

600000

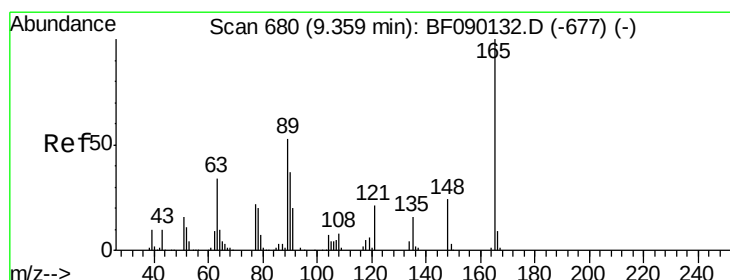
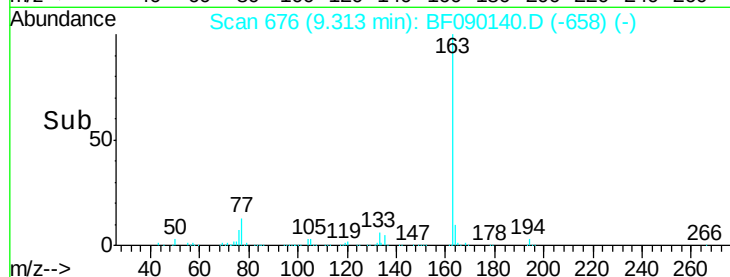
400000

200000

0

9.20 9.30 9.40 9.50

Time-->



#50

2,6-Dinitrotoluene

Concen: 43.92 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

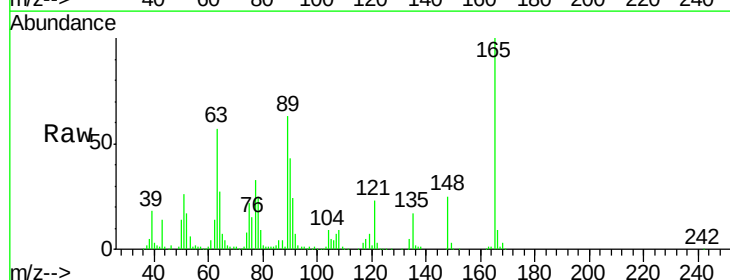
Tgt Ion:165 Resp: 225804

Ion Ratio Lower Upper

165 100

63 56.7 49.9 74.9

89 62.8 51.0 76.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

250000

200000

150000

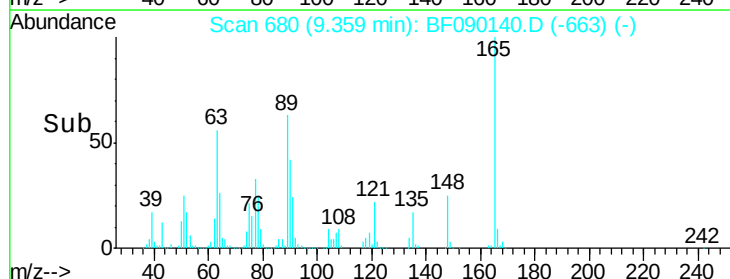
100000

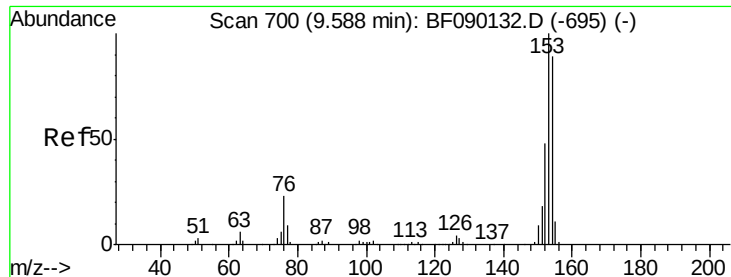
50000

0

9.20 9.30 9.40 9.50

Time-->





#51

Acenaphthene

Concen: 42.02 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

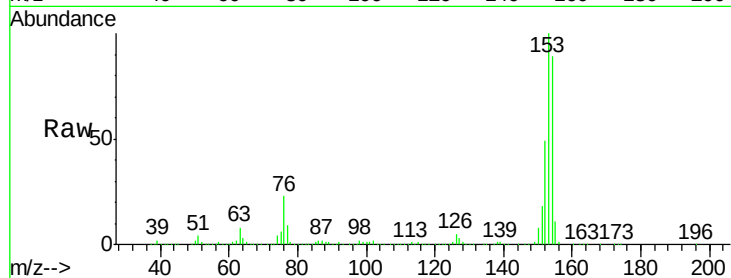
Tgt Ion:154 Resp: 774156

Ion Ratio Lower Upper

154 100

153 113.0 90.8 136.2

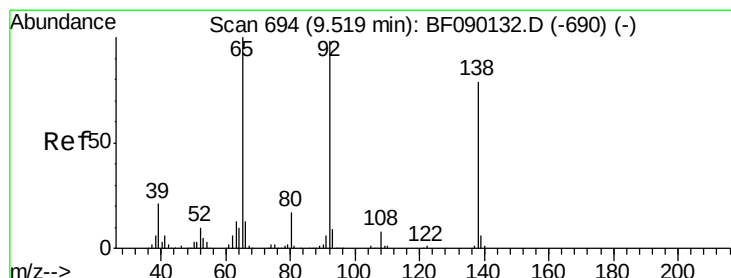
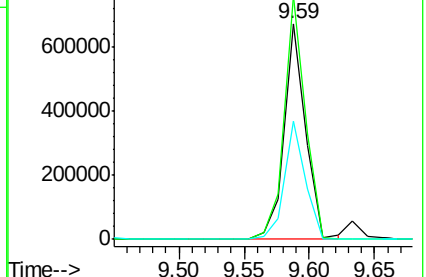
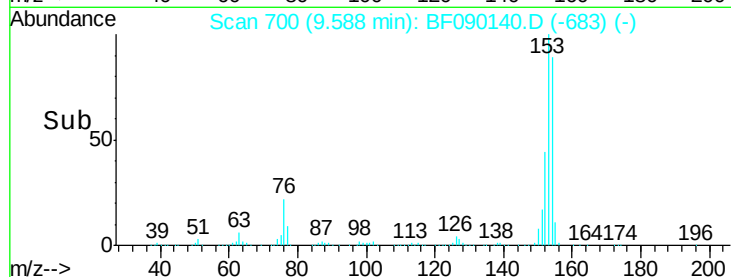
152 55.1 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.58 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

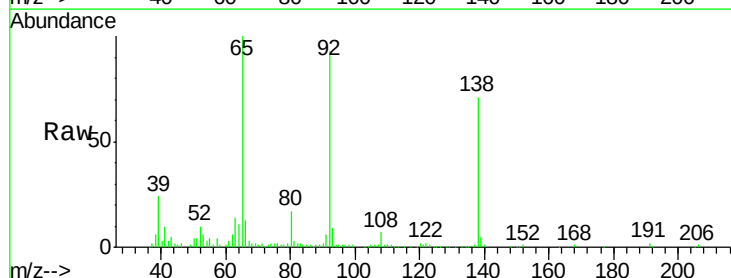
Tgt Ion:138 Resp: 166212

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

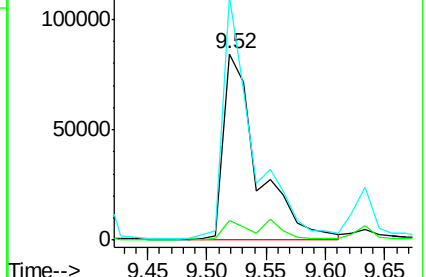
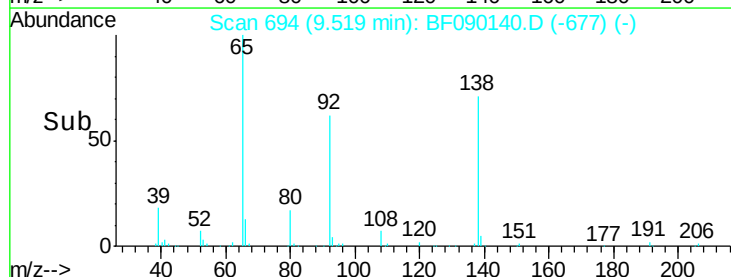
92 130.7 90.7 136.1

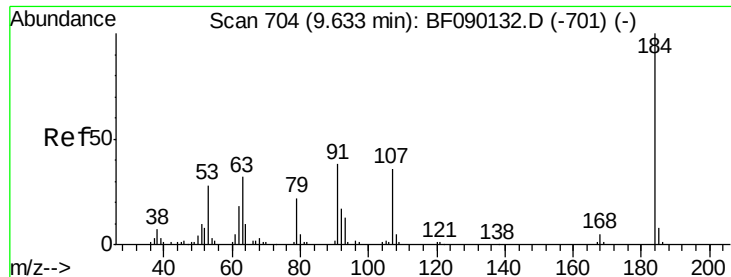


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

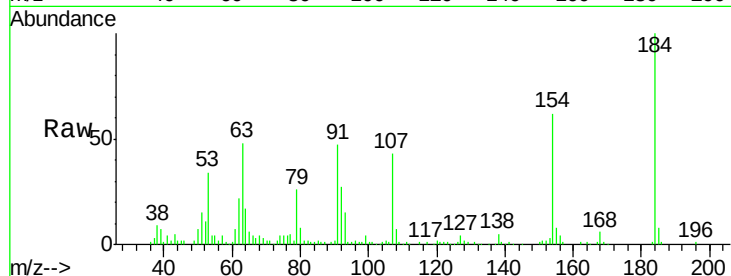




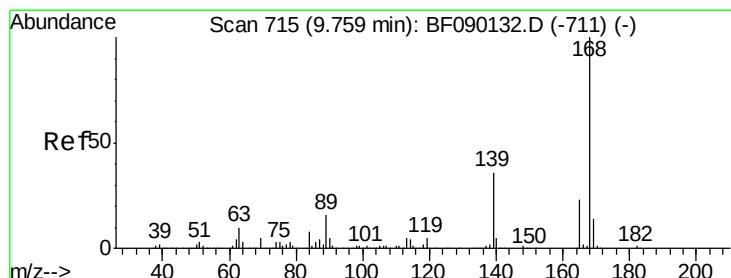
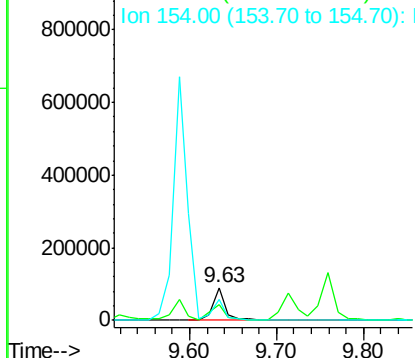
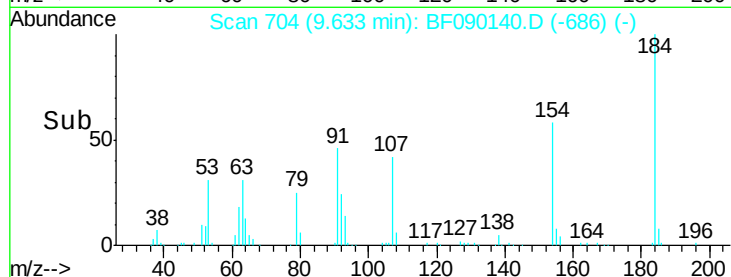
#53
 2,4-Dinitrophenol
 Concen: 35.50 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion:184 Resp: 96845
 Ion Ratio Lower Upper
 184 100
 63 48.1 44.6 67.0
 154 61.9 49.7 74.5

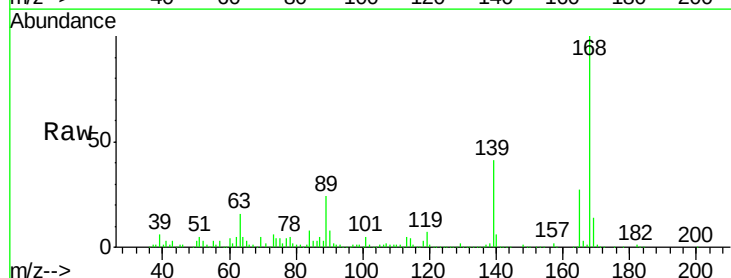


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

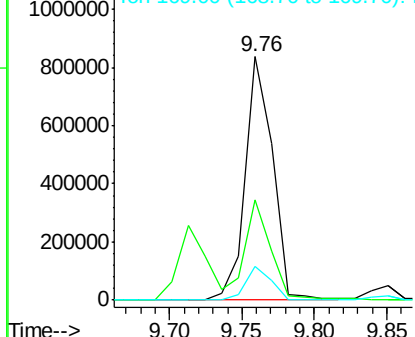
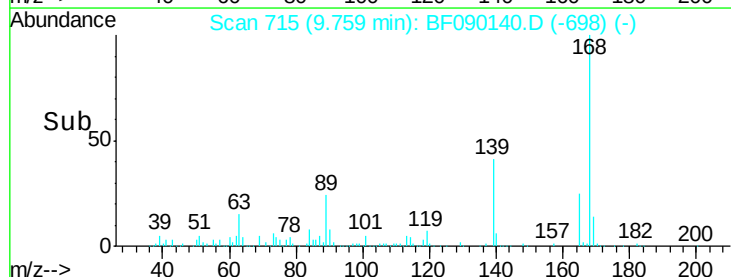


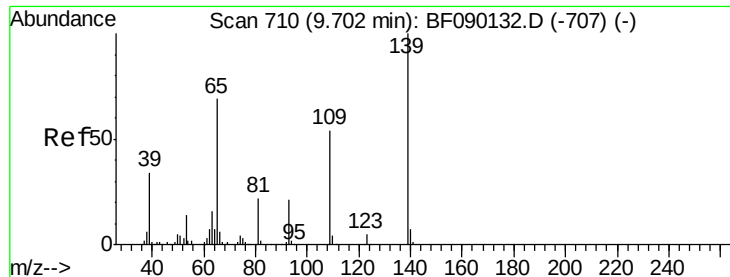
#54
 Dibenzofuran
 Concen: 45.01 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion:168 Resp: 1091358
 Ion Ratio Lower Upper
 168 100
 139 41.1 28.8 43.2
 169 13.9 10.7 16.1



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

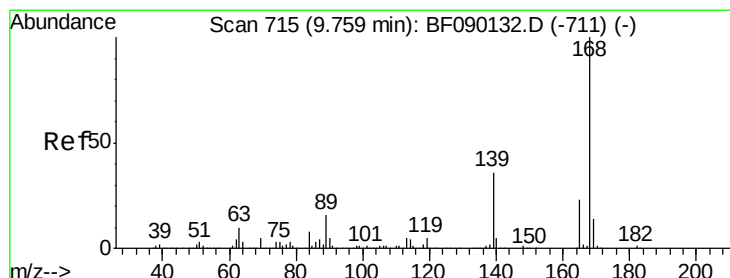
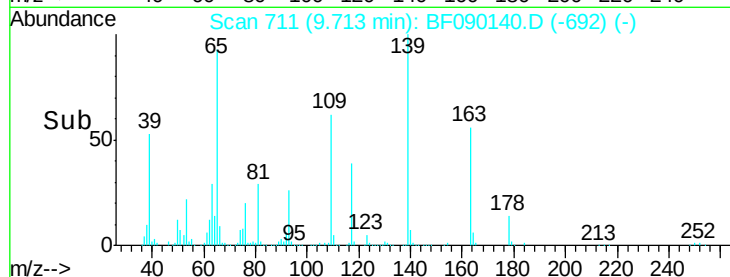
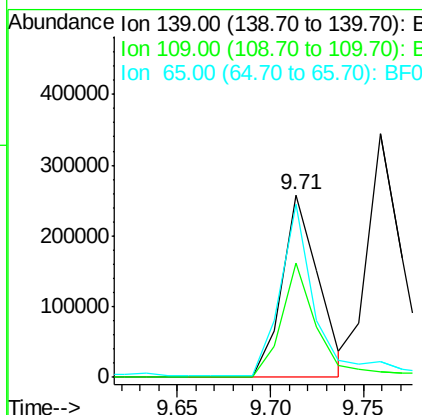
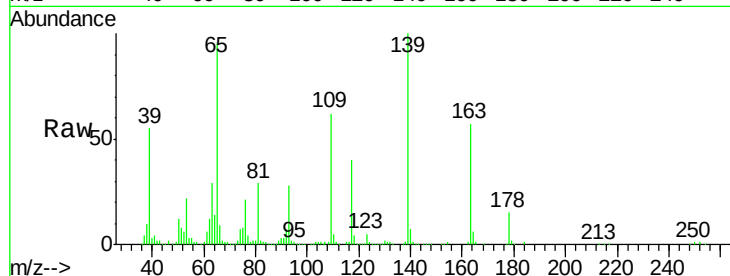




#55
4-Nitrophenol
Concen: 85.09 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

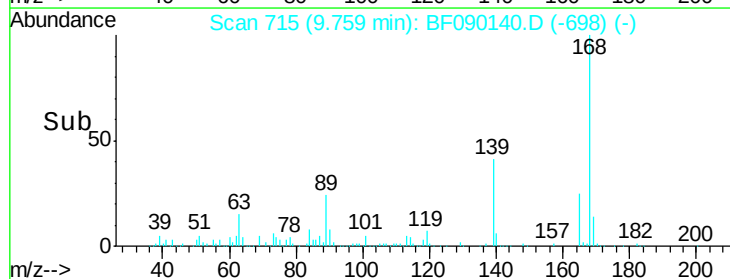
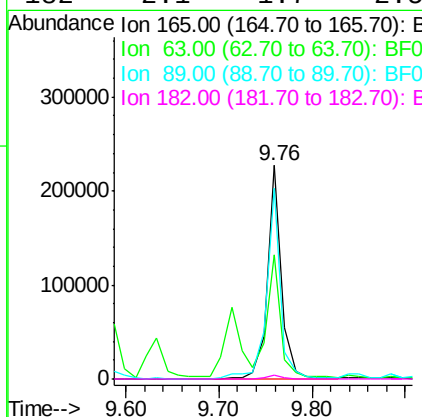
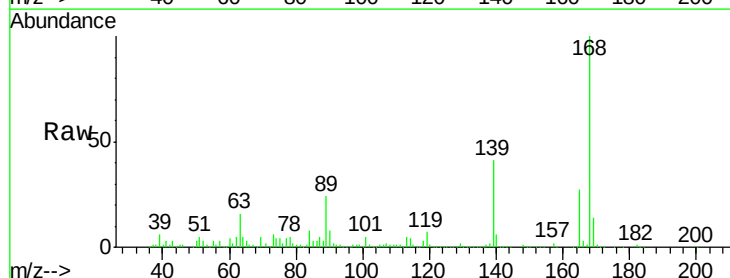
Instrument :
BNA_F
ClientSampleId :
PB93481BS

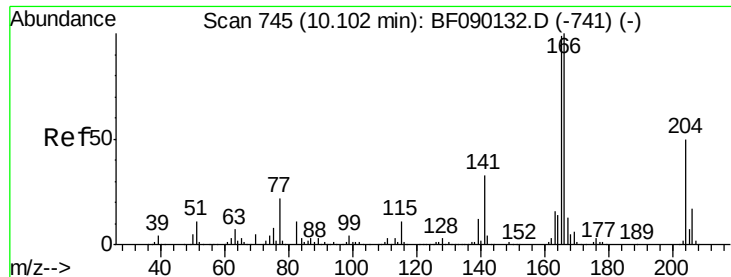
Tgt Ion:139 Resp: 351367
Ion Ratio Lower Upper
139 100
109 62.5 35.6 75.6
65 94.8 55.5 95.5



#56
2,4-Dinitrotoluene
Concen: 39.96 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:165 Resp: 242888
Ion Ratio Lower Upper
165 100
63 58.3 44.4 66.6
89 89.2 70.1 105.1
182 2.1 1.7 2.5

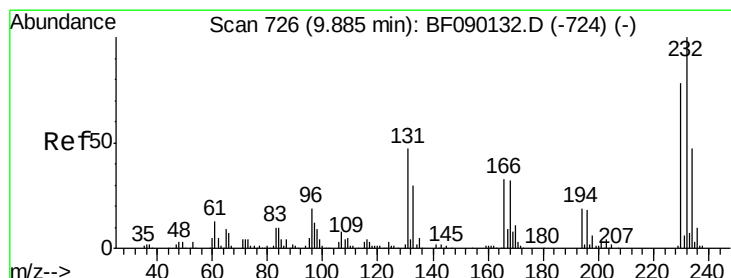
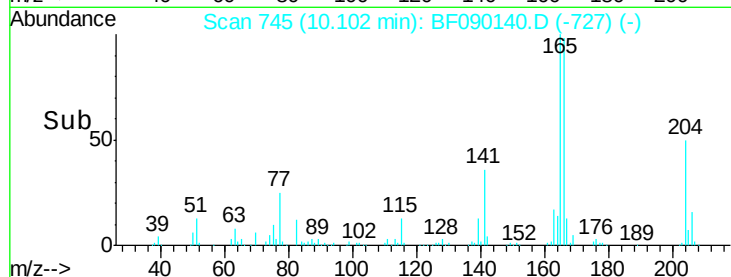
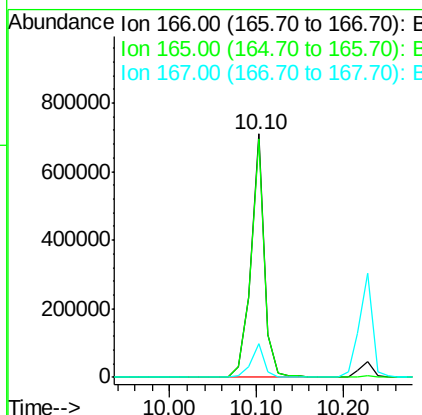
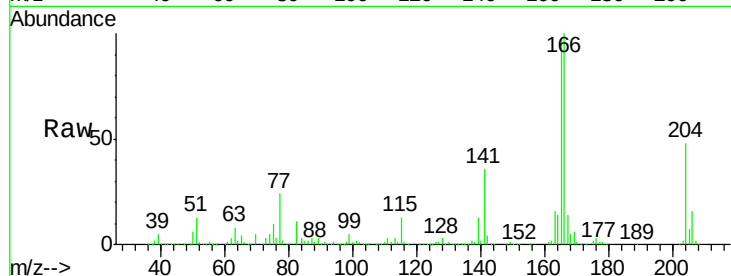




#57
 Fluorene
 Concen: 42.51 ng
 RT: 10.10 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

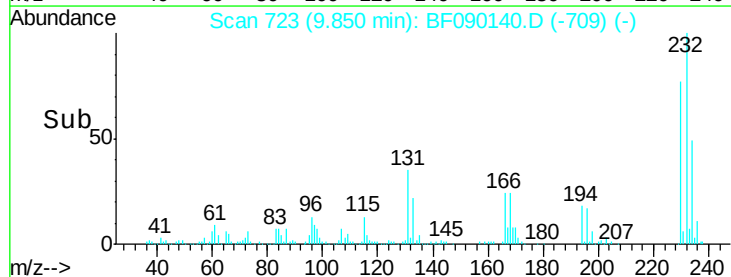
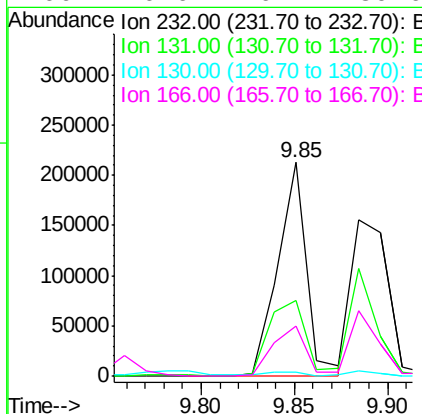
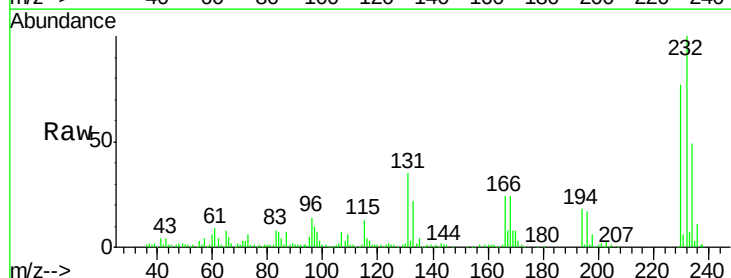
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

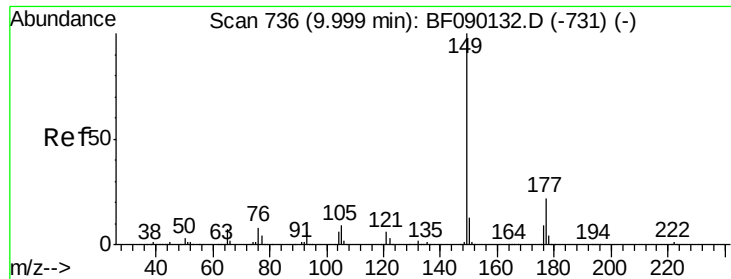
Tgt Ion:166 Resp: 776861
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.5 117.7
 167 13.7 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.80 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion:232 Resp: 228675
 Ion Ratio Lower Upper
 232 100
 131 43.4 42.2 63.4
 130 2.1 1.9 2.9
 166 26.6 26.4 39.6

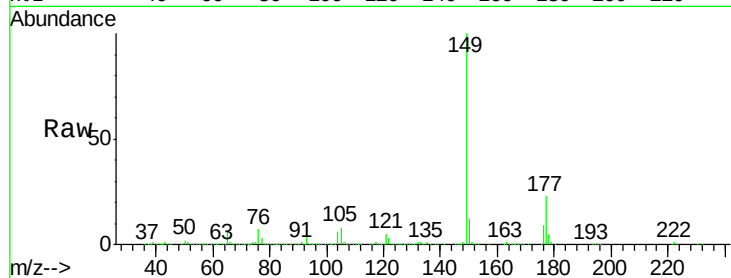




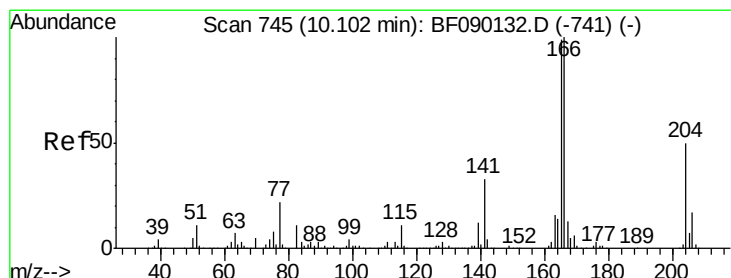
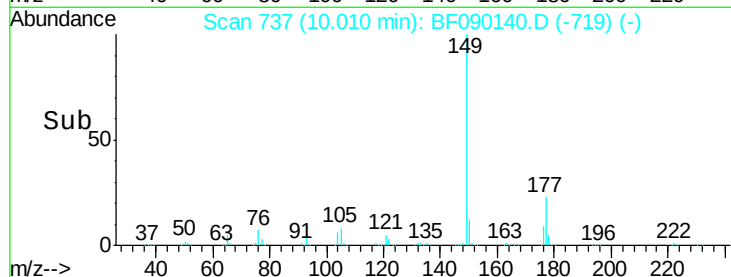
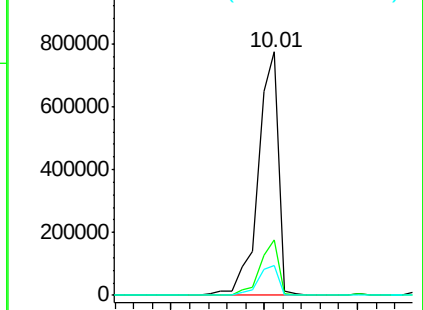
#59
Diethylphthalate
Concen: 52.60 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:149 Resp: 1171655
Ion Ratio Lower Upper
149 100
177 23.0 15.8 23.6
150 12.4 10.4 15.6

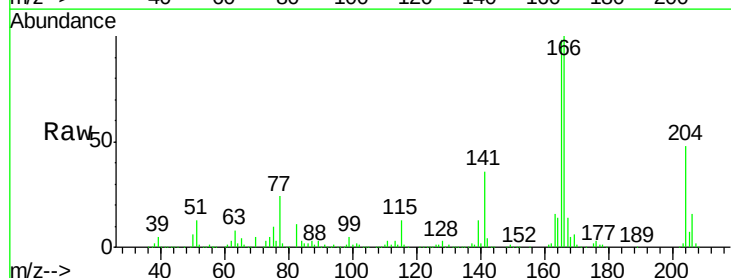


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

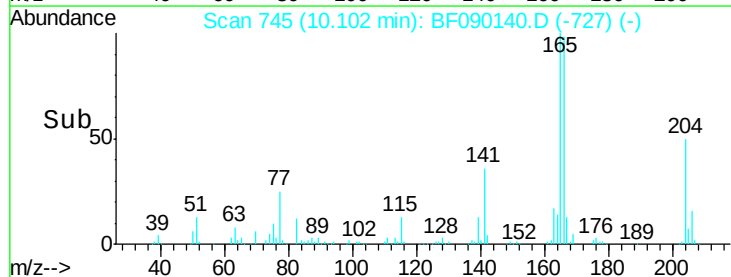
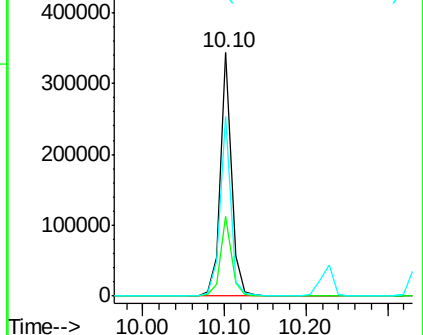


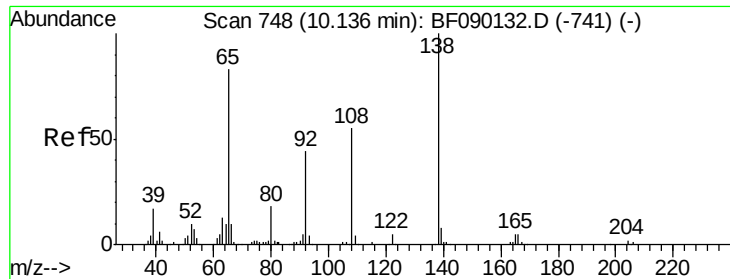
#60
4-Chlorophenyl-phenylether
Concen: 39.15 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:204 Resp: 326226
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 73.8 64.4 96.6



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

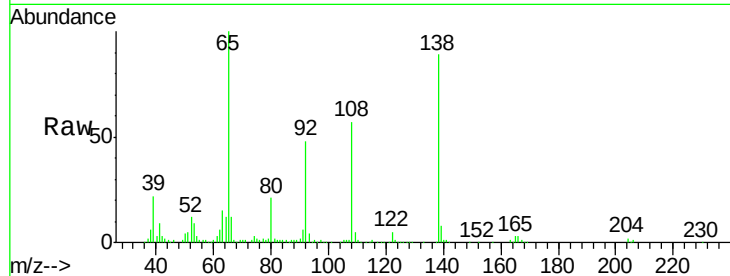




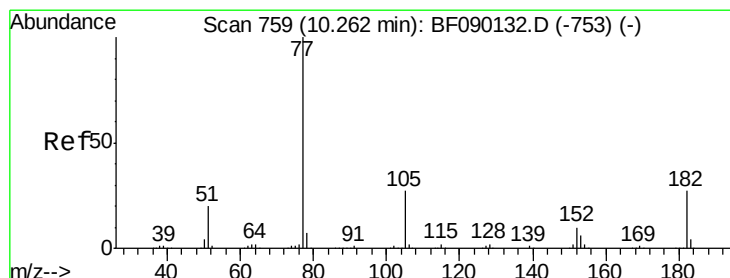
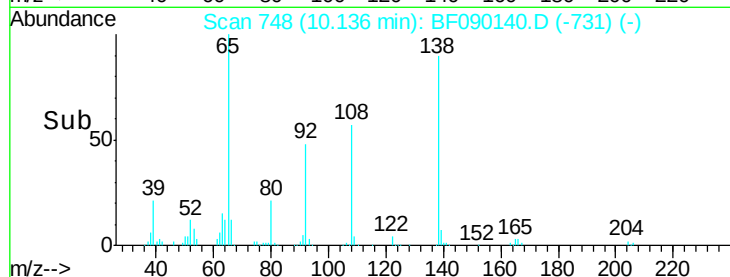
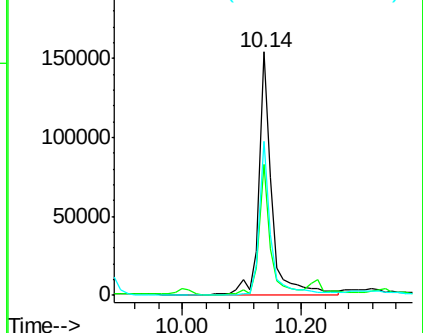
#61
4-Nitroaniline
Concen: 37.07 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion: 138 Resp: 227725
Ion Ratio Lower Upper
138 100
92 54.0 23.8 63.8
108 63.4 35.0 75.0

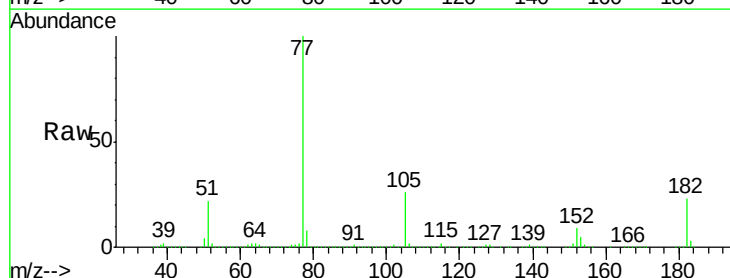


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

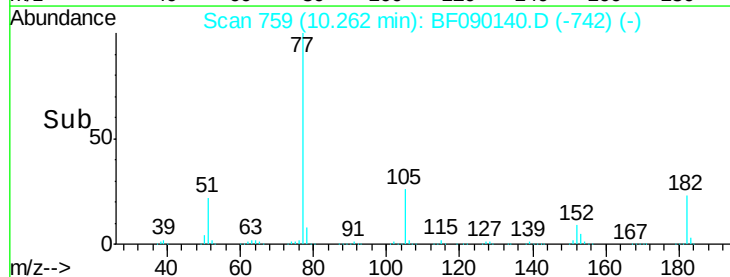
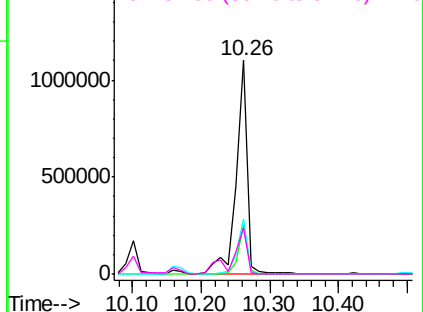


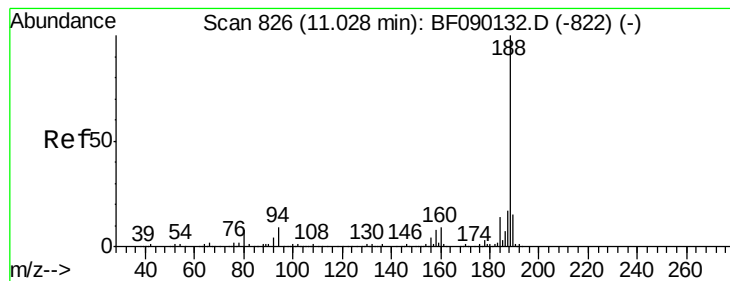
#62
Azobenzene
Concen: 53.14 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 77 Resp: 1232282
Ion Ratio Lower Upper
77 100
182 23.1 0.0 38.4
105 25.7 3.8 43.8
51 21.8 2.6 42.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

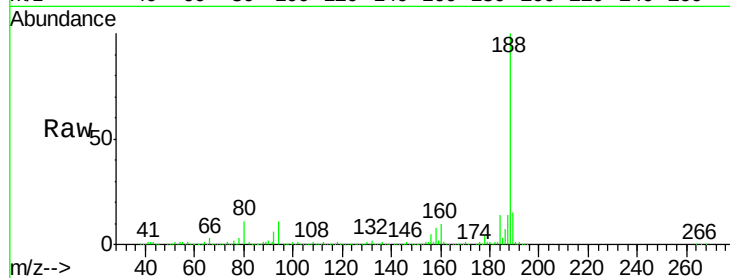
Tgt Ion:188 Resp: 581286

Ion Ratio Lower Upper

188 100

94 10.8 10.5 15.7

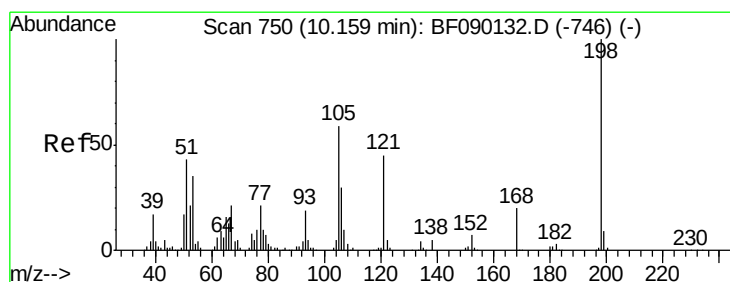
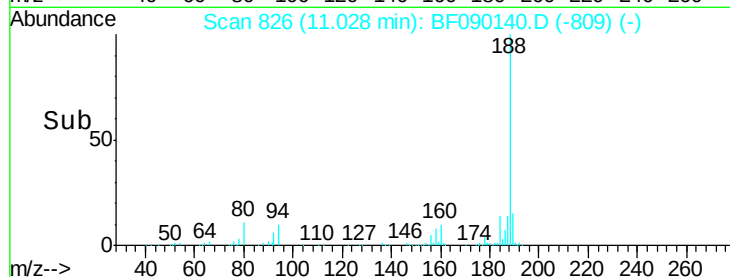
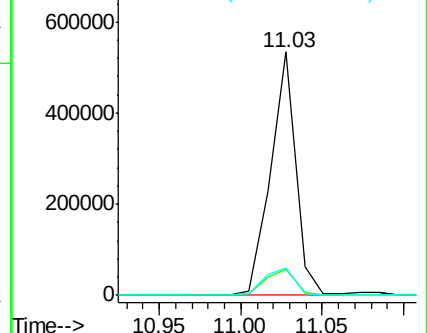
80 11.1 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.54 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

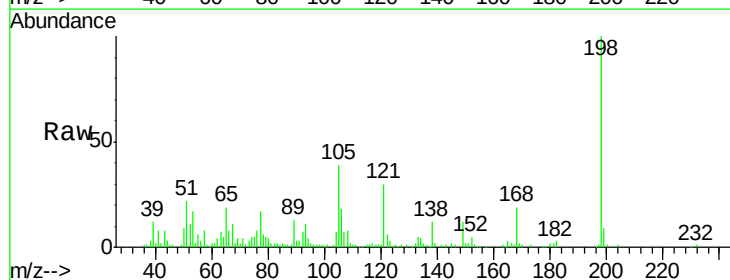
Tgt Ion:198 Resp: 96628

Ion Ratio Lower Upper

198 100

51 22.2 5.5 45.5

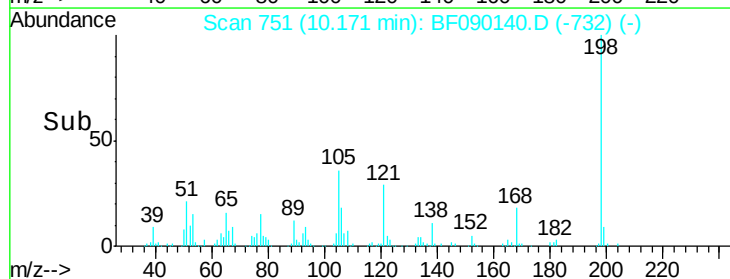
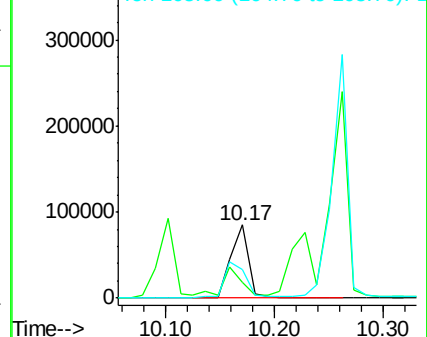
105 38.5 21.8 61.8

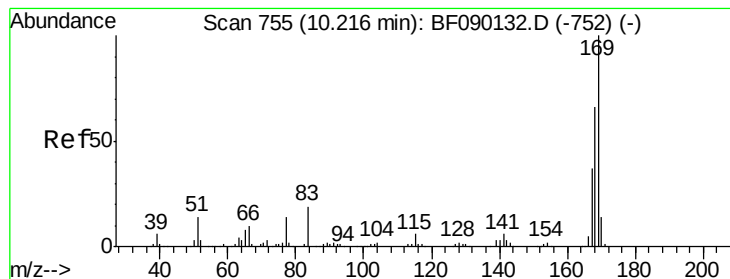


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.88 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

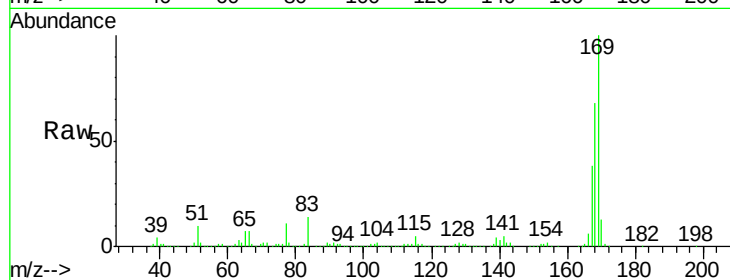
Tgt Ion:169 Resp: 857858

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

167 38.2 30.3 45.5

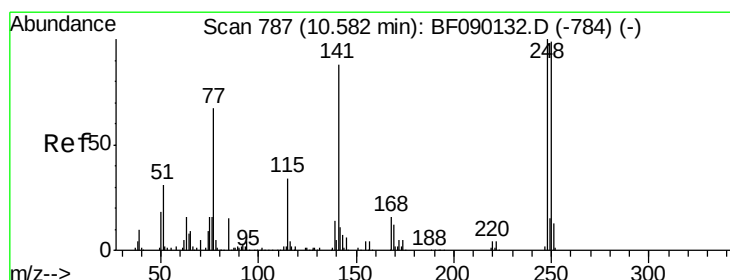
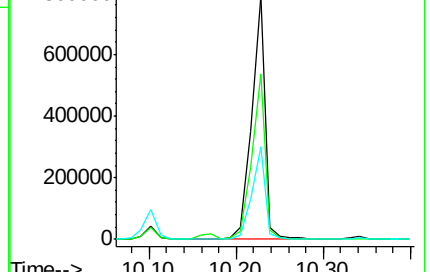
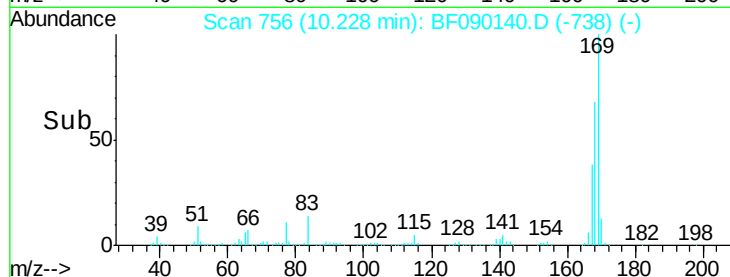


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

10.23



#66

4-Bromophenyl-phenylether

Concen: 43.54 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

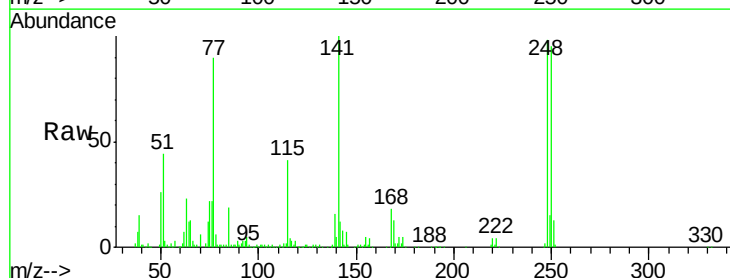
Tgt Ion:248 Resp: 249057

Ion Ratio Lower Upper

248 100

250 96.3 79.4 119.2

141 101.9 49.3 73.9#

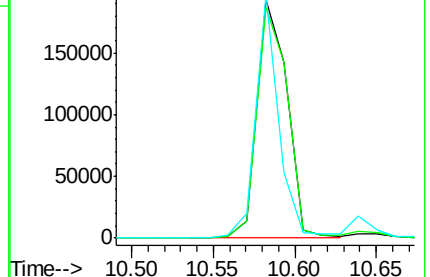
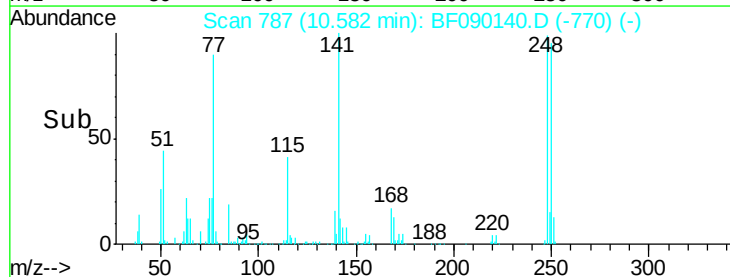


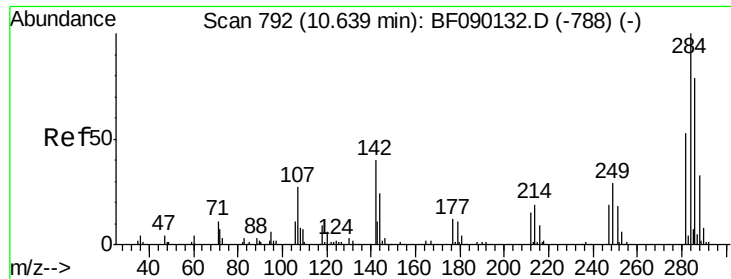
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.58





#67

Hexachlorobenzene

Concen: 43.53 ng

RT: 10.65 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampled :

PB93481BS

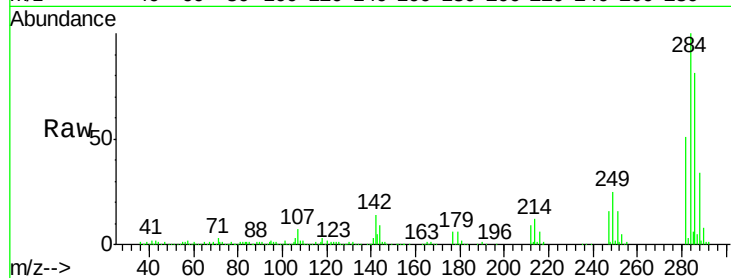
Tgt Ion:284 Resp: 290197

Ion Ratio Lower Upper

284 100

142 14.3 24.0 36.0#

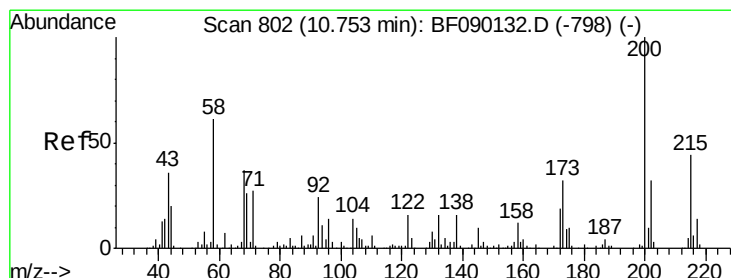
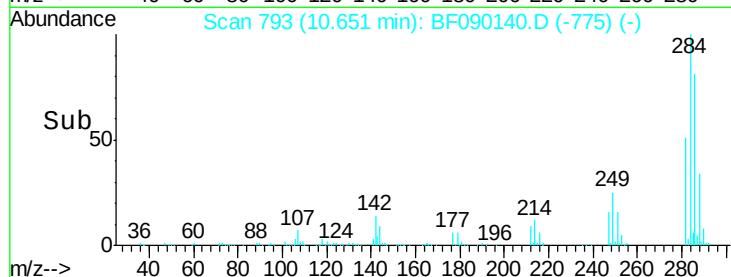
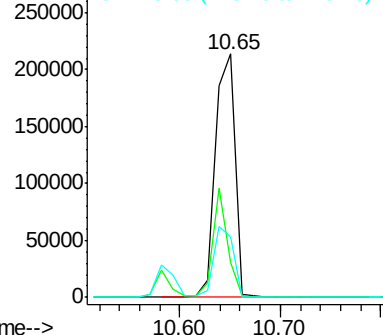
249 24.8 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.76 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.02 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

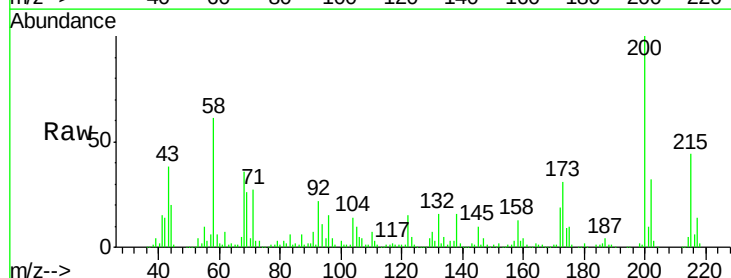
Tgt Ion:200 Resp: 213474

Ion Ratio Lower Upper

200 100

173 31.1 9.3 49.3

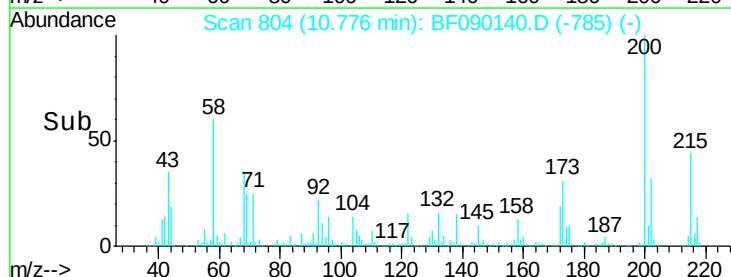
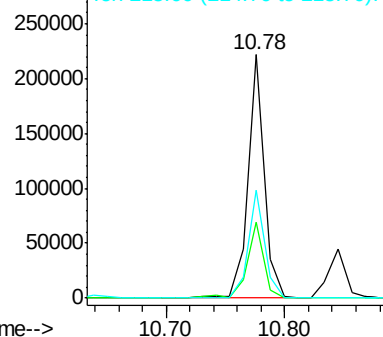
215 44.5 26.1 66.1

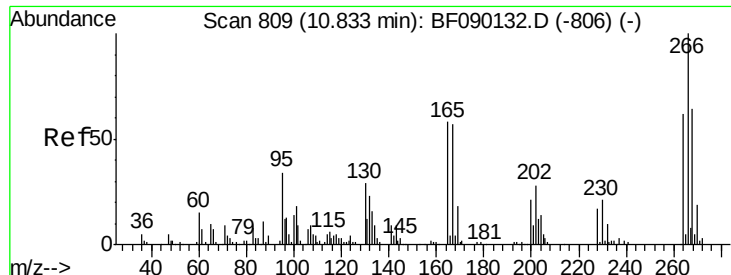


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

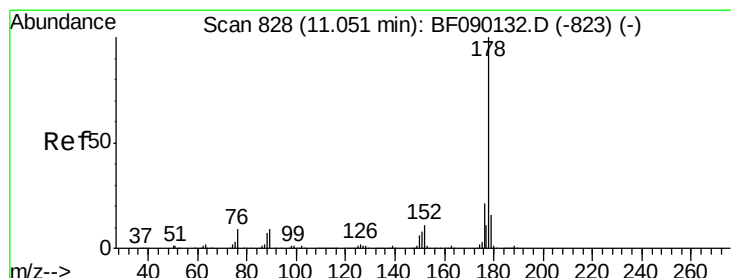
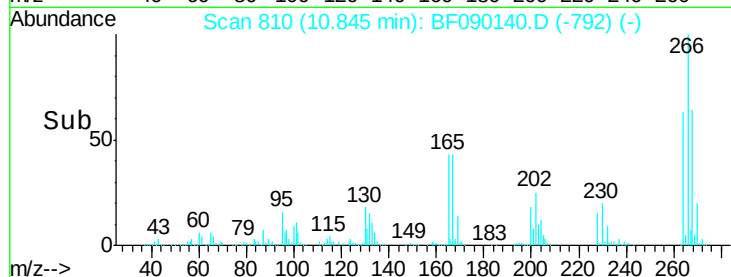
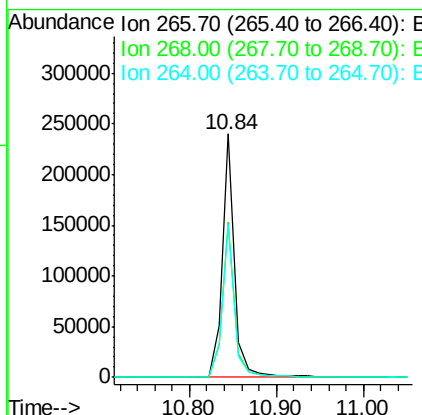
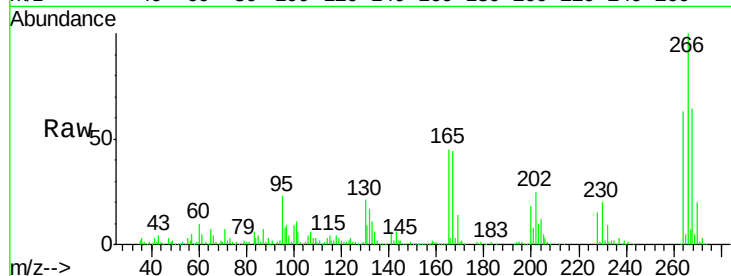




#69
 Pentachlorophenol
 Concen: 63.63 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

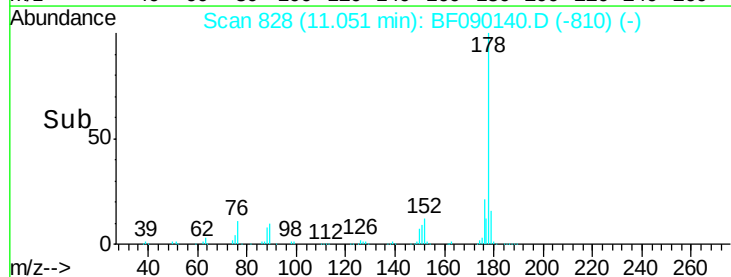
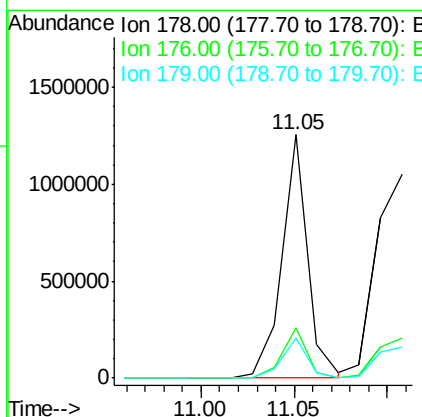
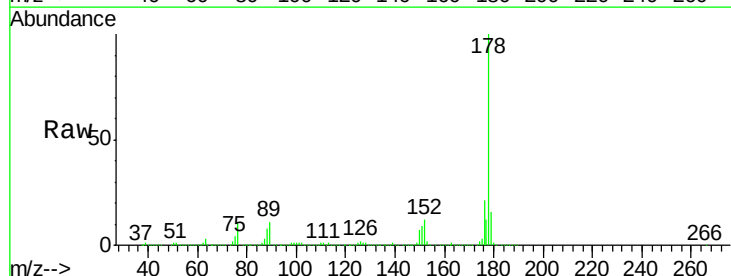
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

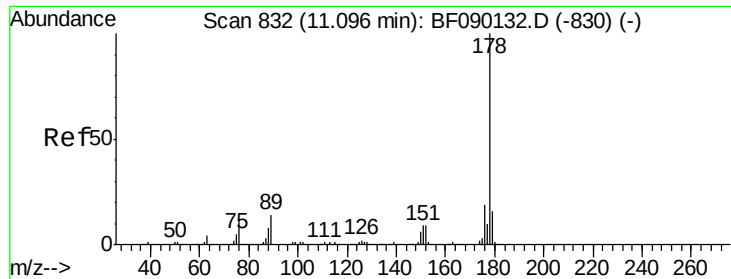
Tgt Ion:266 Resp: 240769
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.1 78.1
 264 62.7 50.3 75.5



#70
 Phenanthrene
 Concen: 44.21 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion:178 Resp: 1201893
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.9 23.9
 179 16.2 12.9 19.3





#71

Anthracene

Concen: 49.18 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

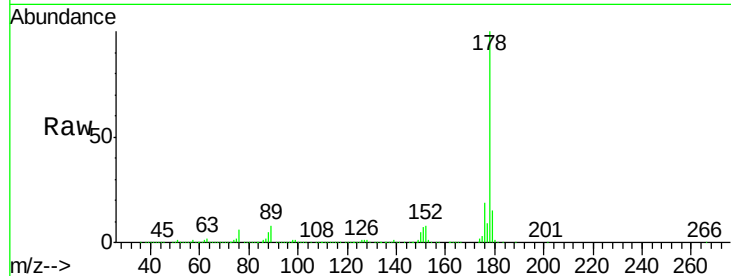
Tgt Ion:178 Resp: 1402130

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

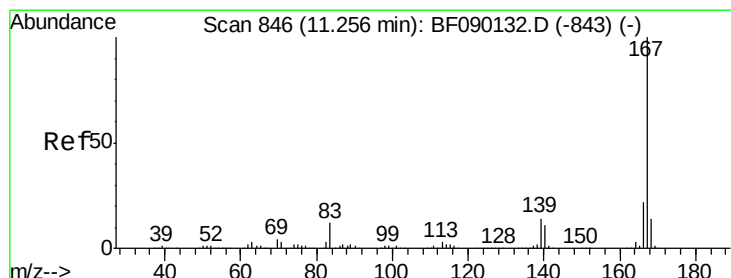
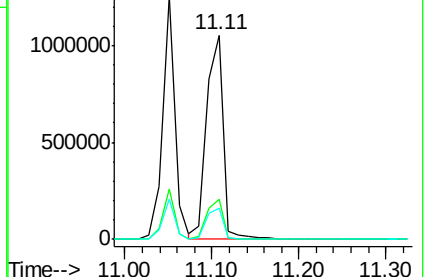
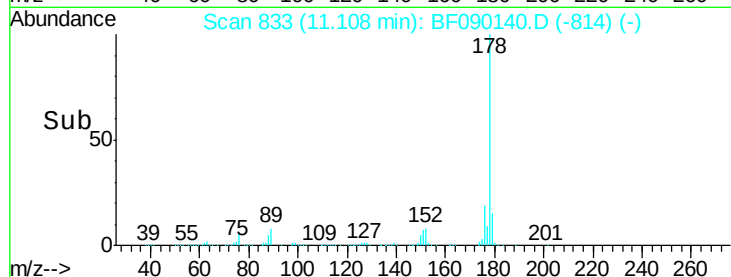
179 15.4 12.6 19.0



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: 46.20 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

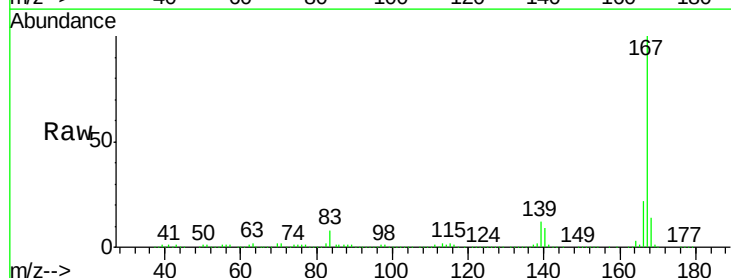
Tgt Ion:167 Resp: 1392471

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

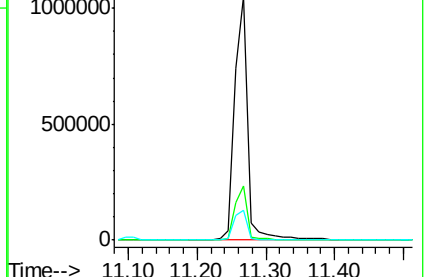
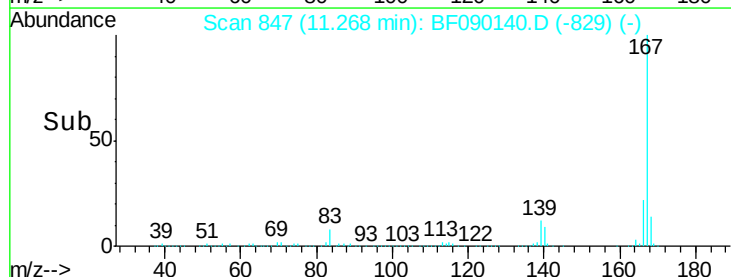
139 12.2 10.4 15.6

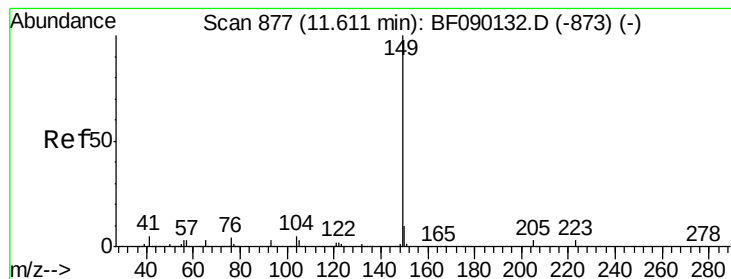


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.67 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

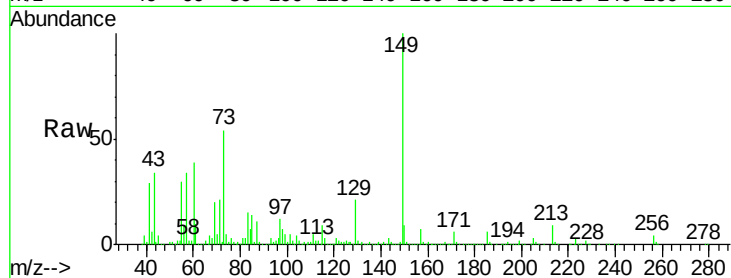
Tgt Ion:149 Resp: 1145137

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

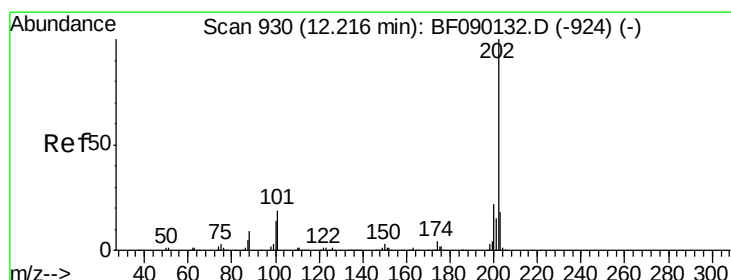
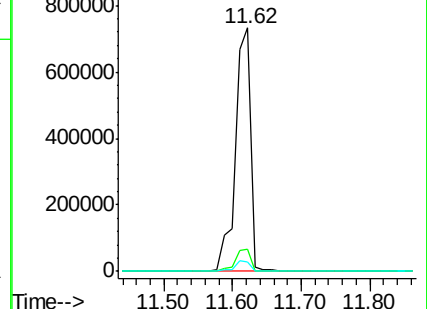
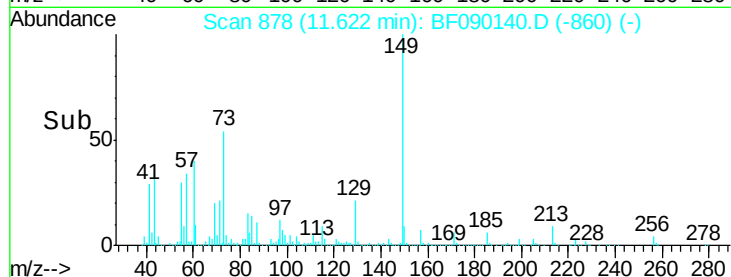
104 4.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.21 ng

RT: 12.23 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

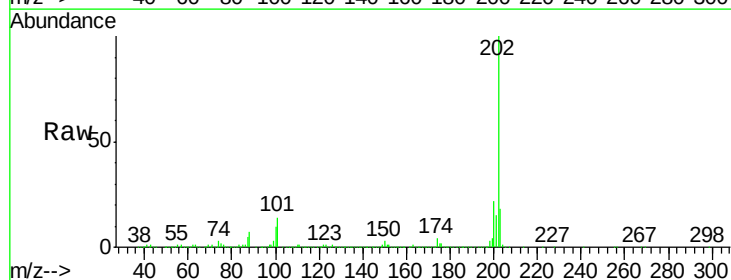
Tgt Ion:202 Resp: 1319316

Ion Ratio Lower Upper

202 100

101 14.1 0.0 36.1

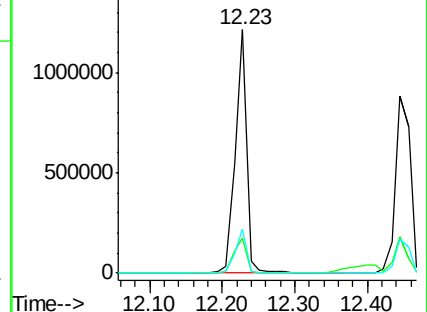
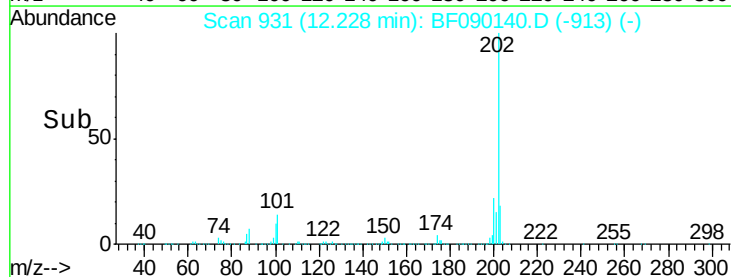
203 17.9 0.0 38.2

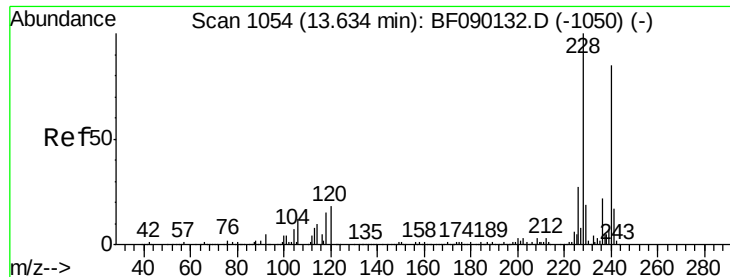


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

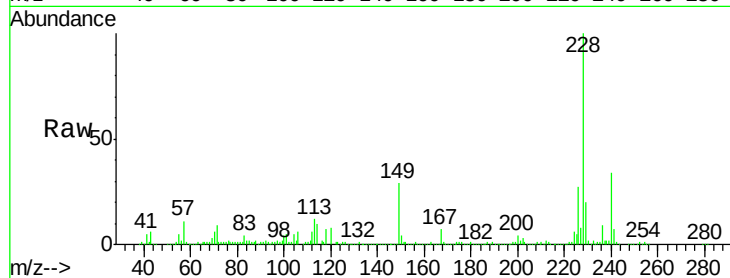
Tgt Ion:240 Resp: 344226

Ion Ratio Lower Upper

240 100

120 23.0 10.6 16.0#

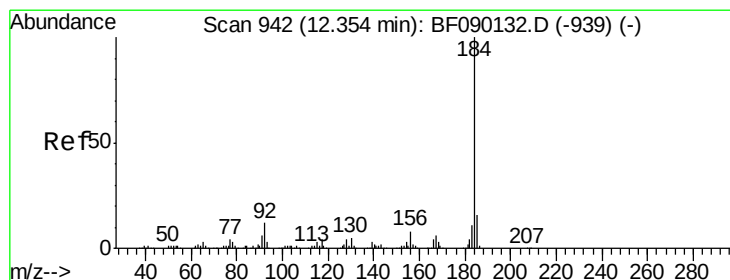
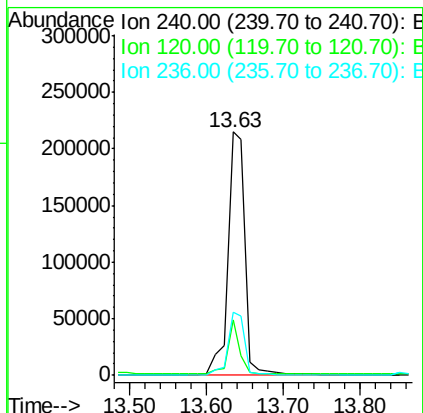
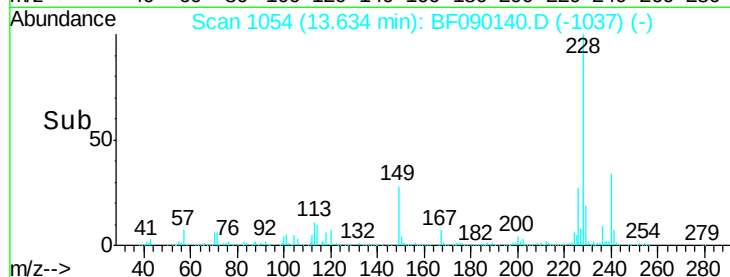
236 25.9 21.6 32.4



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: 2.08 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.02 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

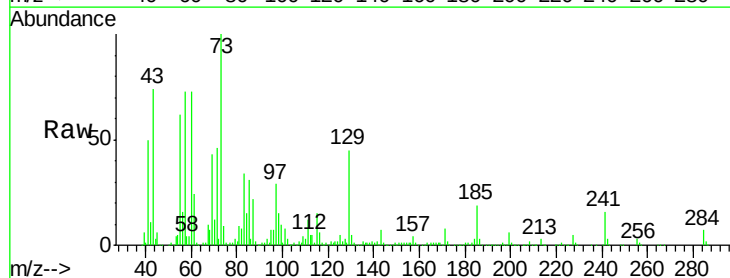
Tgt Ion:184 Resp: 23991

Ion Ratio Lower Upper

184 100

185 571.1 13.2 19.8#

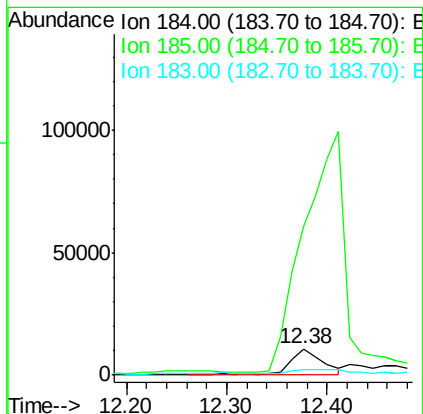
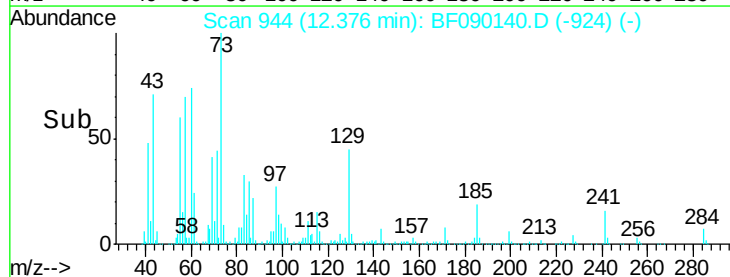
183 21.7 9.2 13.8#

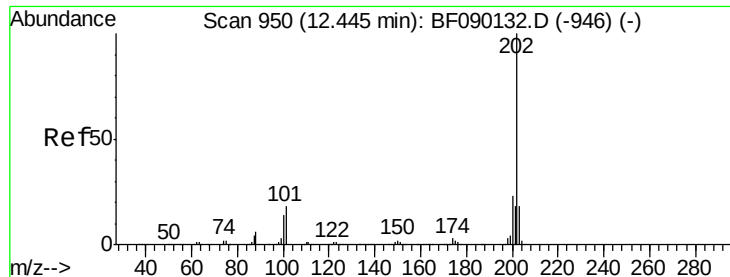


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 53.97 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

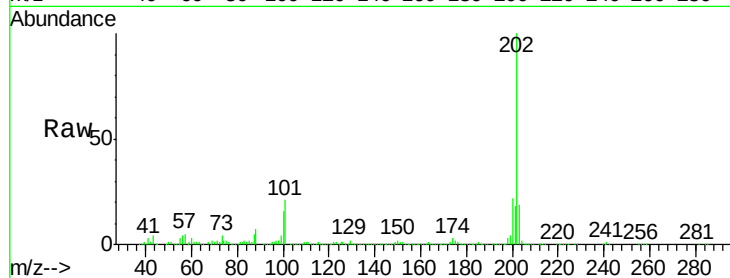
Tgt Ion:202 Resp: 1271327

Ion Ratio Lower Upper

202 100

200 22.2 17.9 26.9

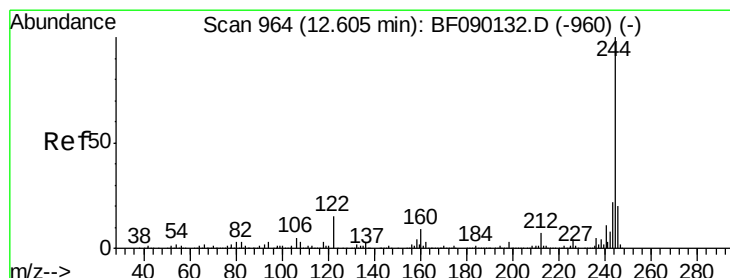
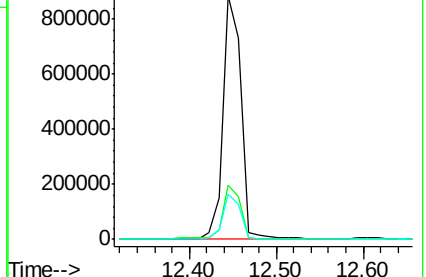
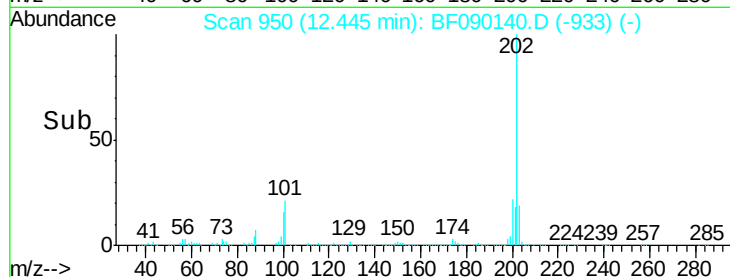
203 18.7 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 212.24 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

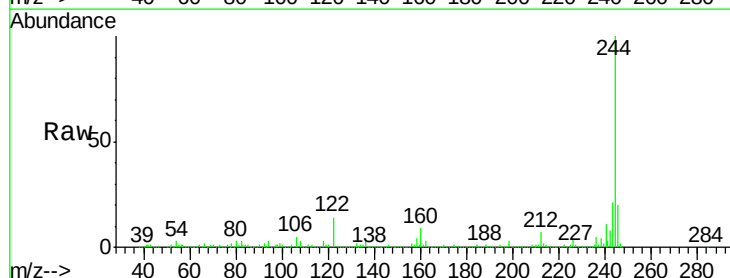
Tgt Ion:244 Resp: 2877565

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

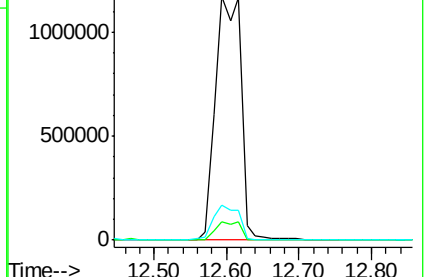
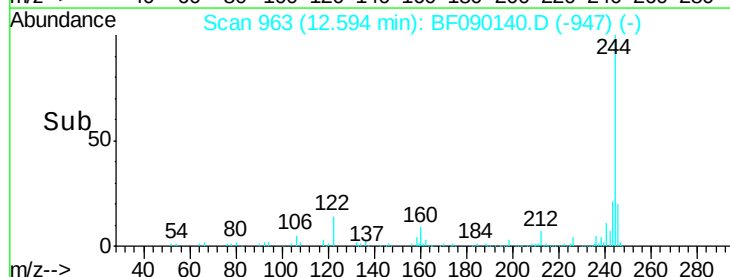
122 14.3 9.4 14.0#

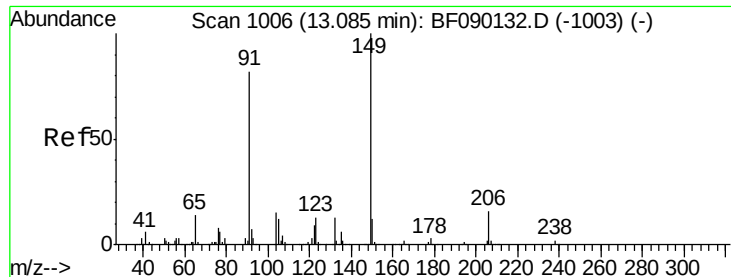


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 62.60 ng

RT: 13.09 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

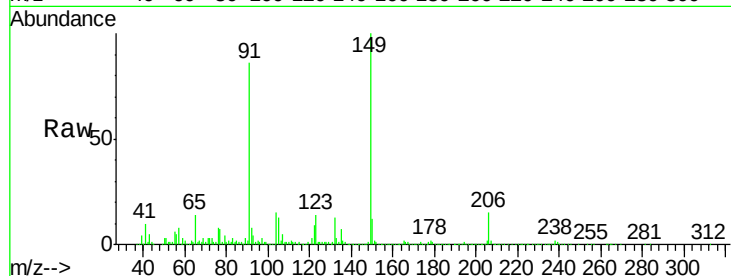
Tgt Ion:149 Resp: 721298

Ion Ratio Lower Upper

149 100

91 86.5 49.8 74.6#

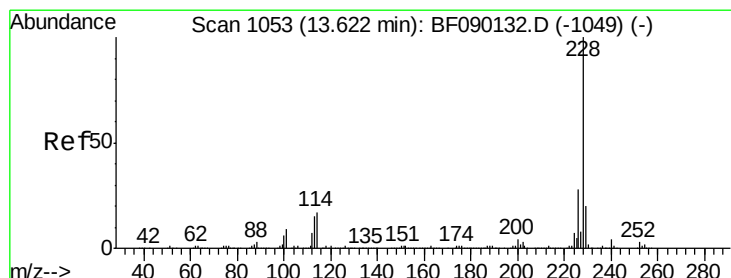
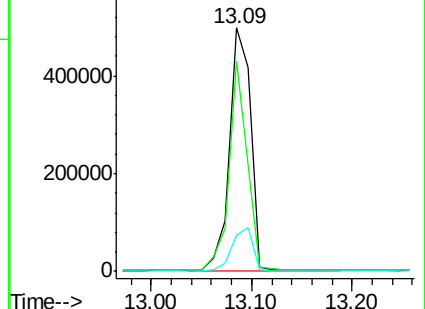
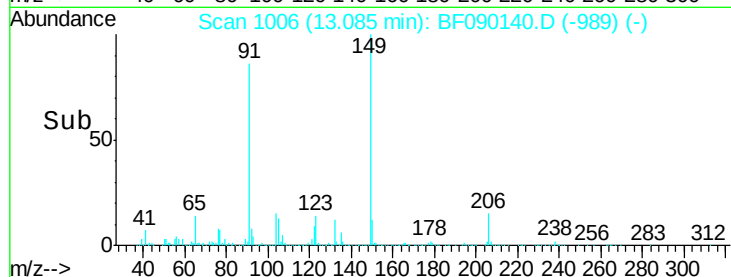
206 14.7 16.3 24.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 52.99 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

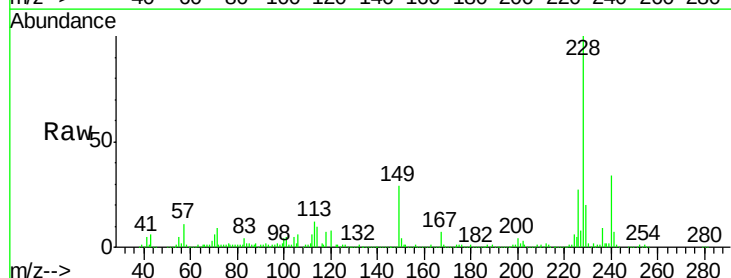
Tgt Ion:228 Resp: 981385

Ion Ratio Lower Upper

228 100

226 27.3 22.0 33.0

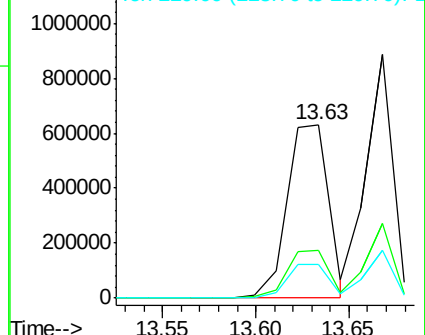
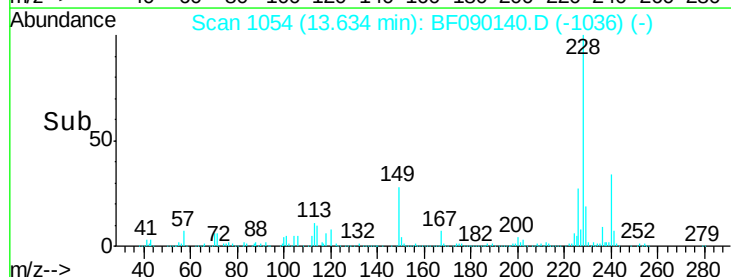
229 19.5 16.2 24.2

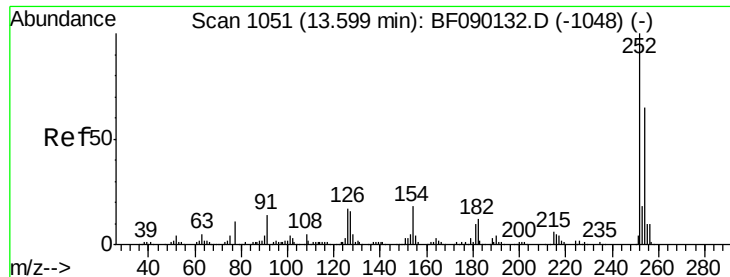


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

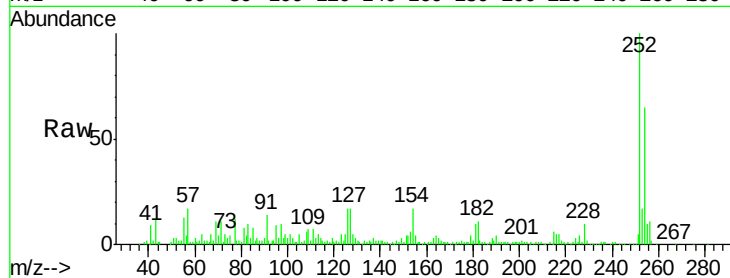




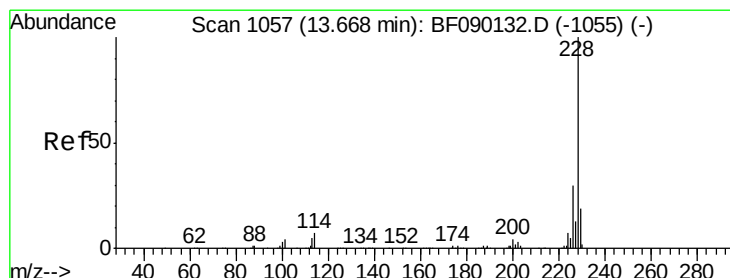
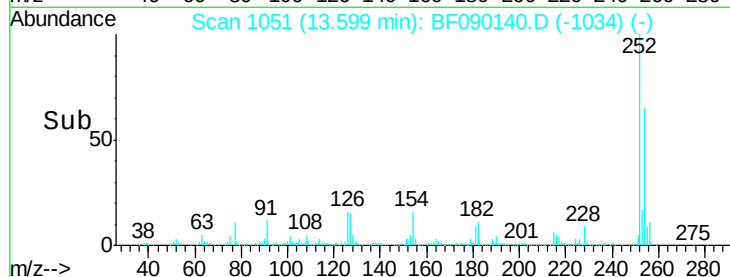
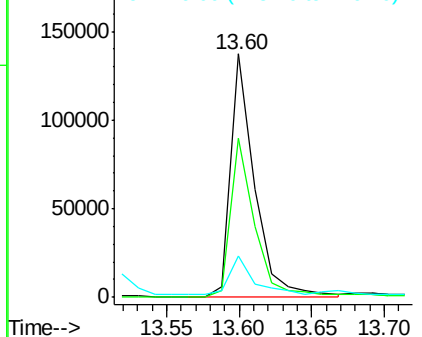
#81
 3,3'-Dichlorobenzidine
 Concen: 20.84 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.7	76.1
126	17.0	9.2	13.8

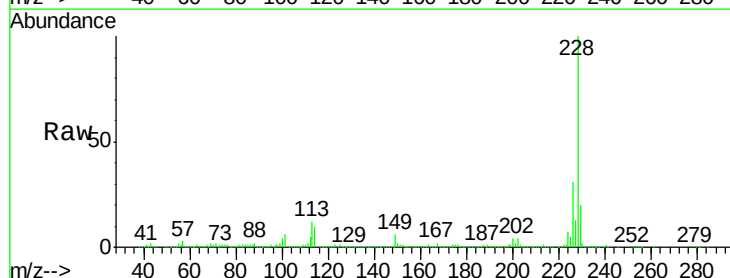


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

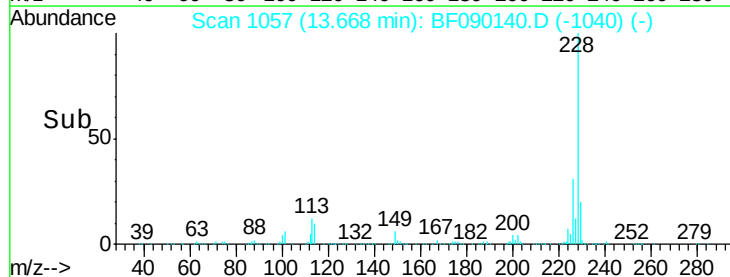
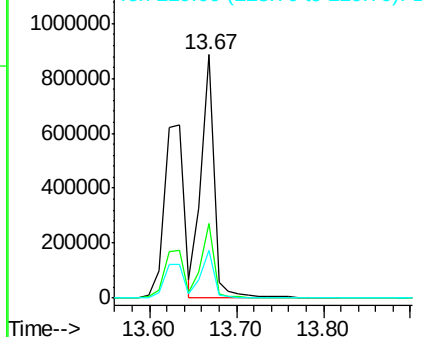


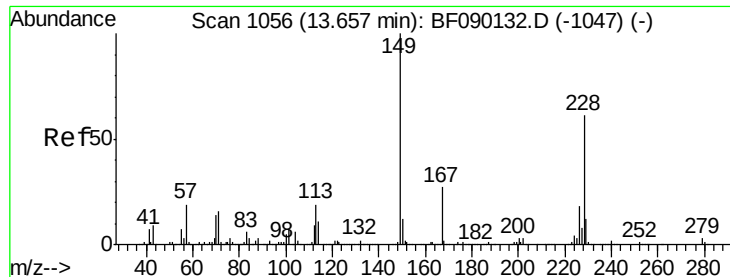
#82
 Chrysene
 Concen: 50.74 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.6	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 71.28 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

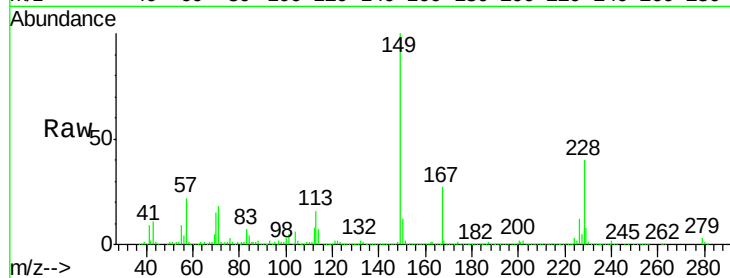
Tgt Ion:149 Resp: 1050954

Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

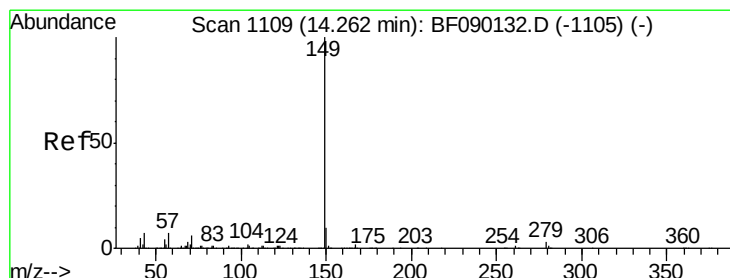
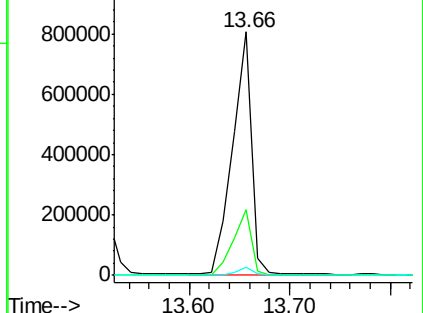
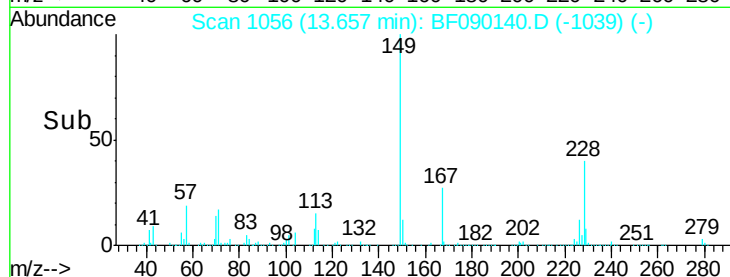
279 3.2 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 69.92 ng

RT: 14.26 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

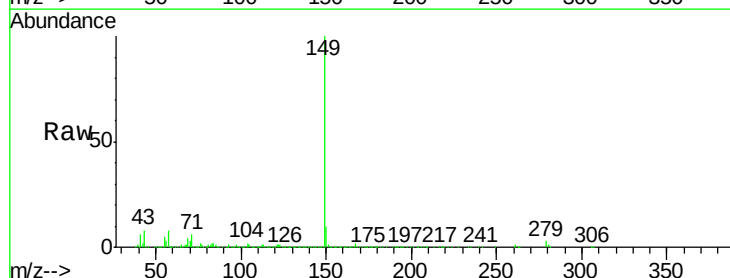
Tgt Ion:149 Resp: 1775992

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

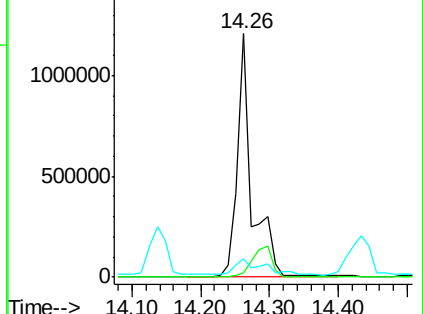
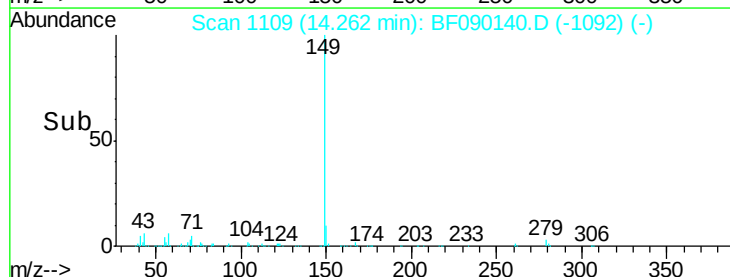
43 12.0 6.8 10.2#

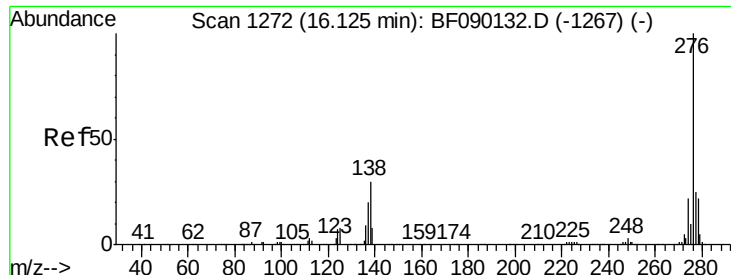


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

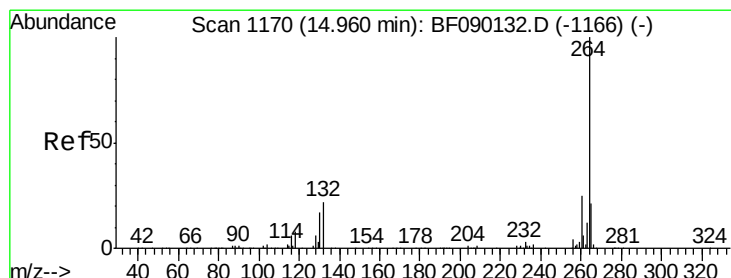
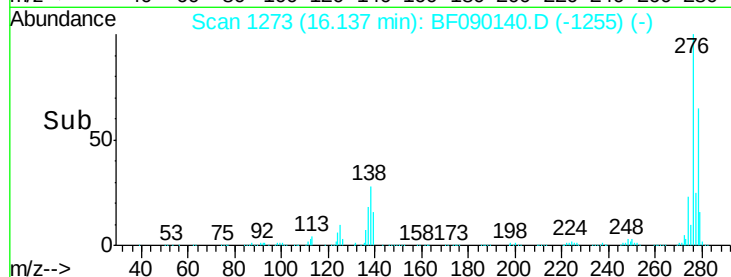
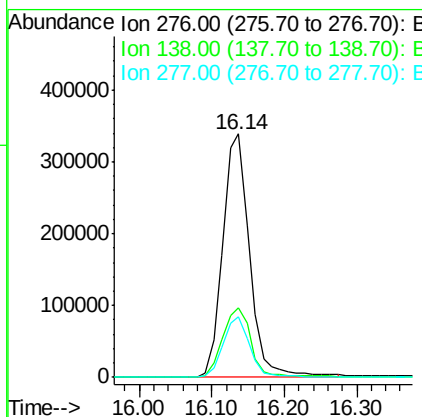
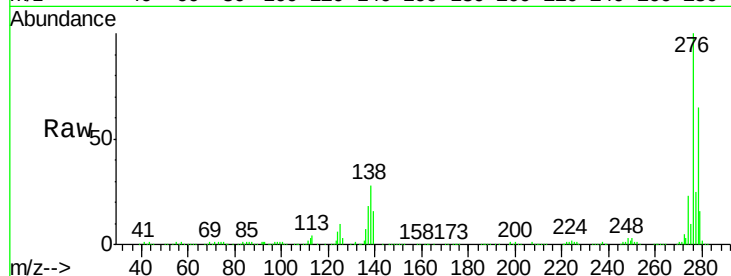




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.85 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

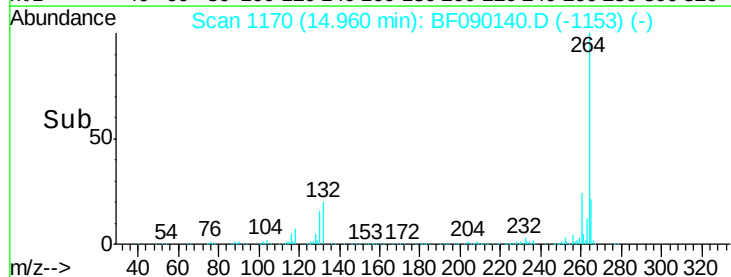
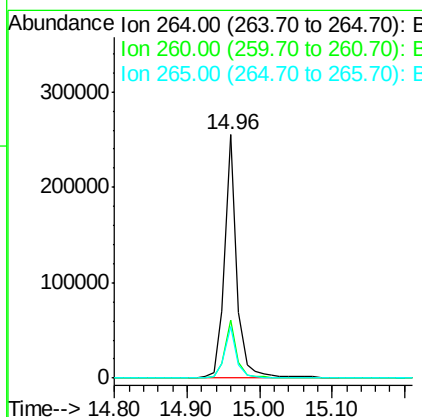
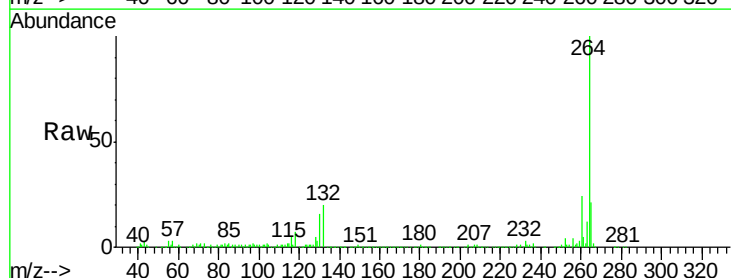
Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

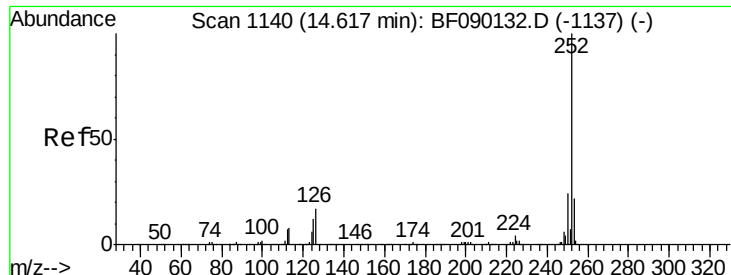
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.9	38.9
277	24.9	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 84.78 ng

RT: 14.64 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

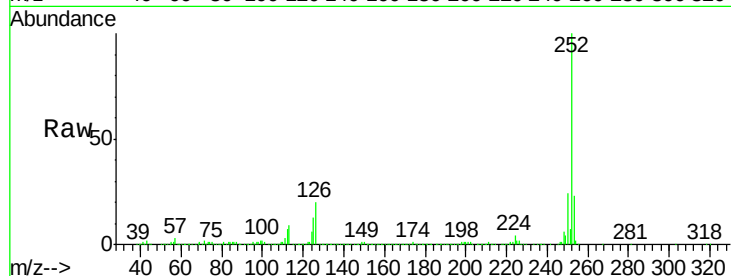
Tgt Ion:252 Resp: 1416659

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

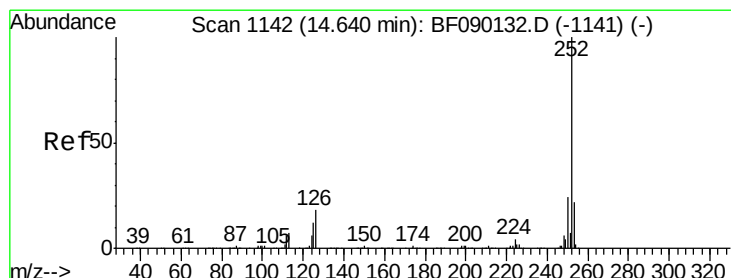
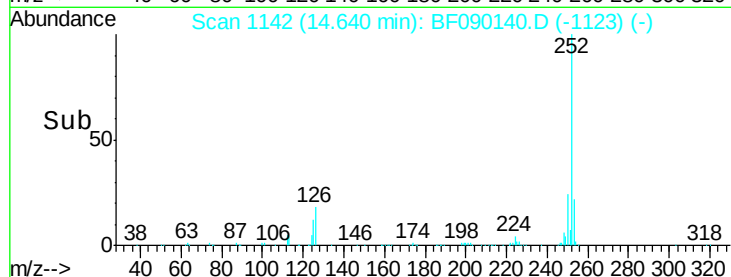
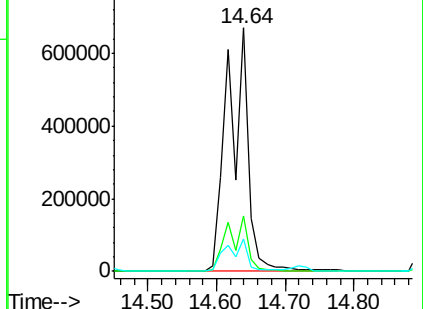
125 13.4 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 90.46 ng

RT: 14.64 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

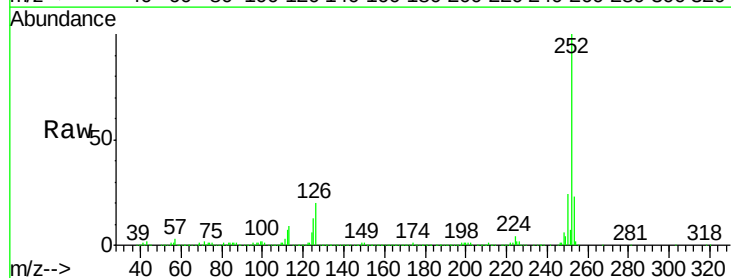
Tgt Ion:252 Resp: 1418572

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

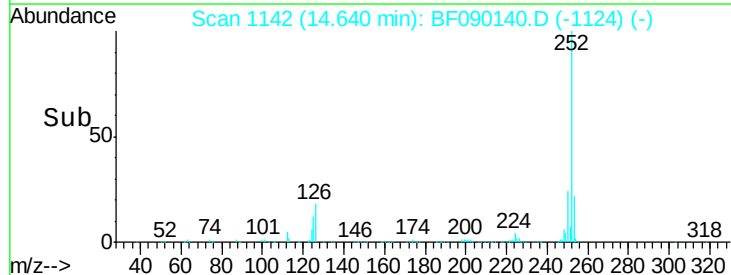
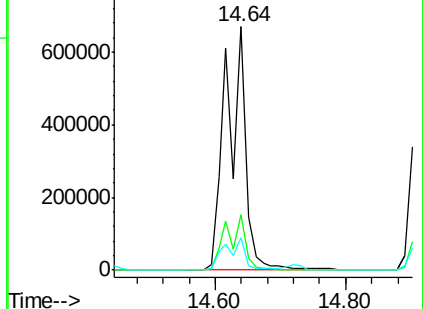
125 13.4 7.8 11.6#

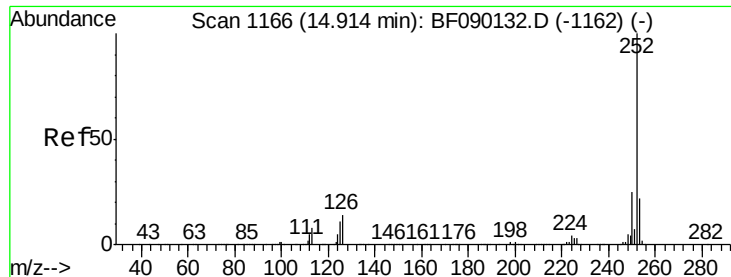


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.85 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

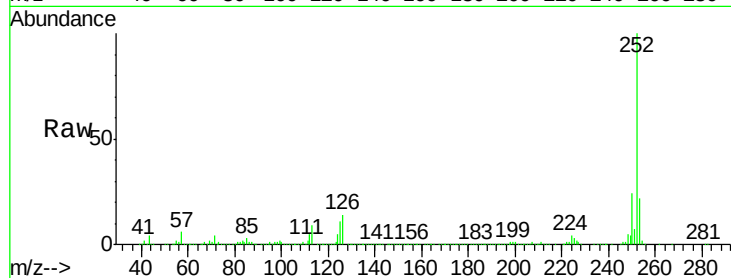
Tgt Ion:252 Resp: 704962

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

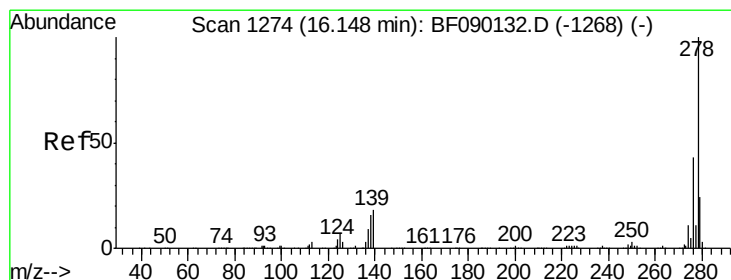
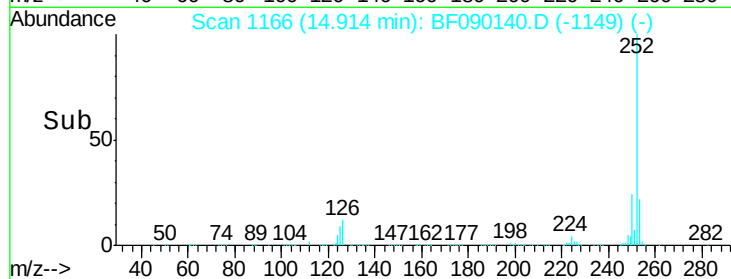
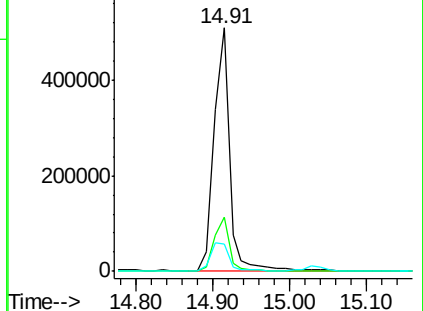
125 11.3 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 59.42 ng

RT: 16.15 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

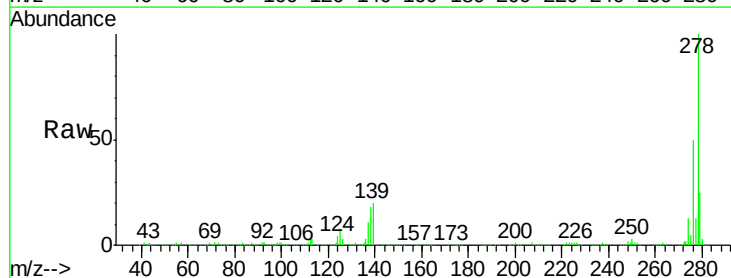
Tgt Ion:278 Resp: 728786

Ion Ratio Lower Upper

278 100

139 19.6 14.6 21.8

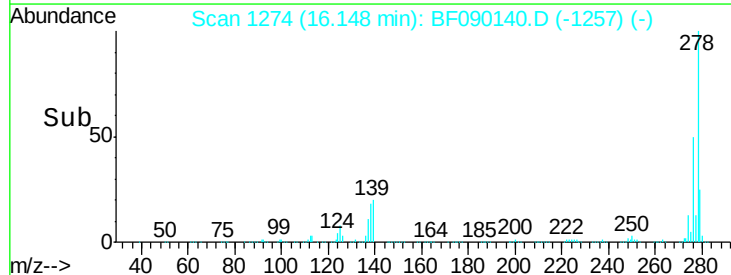
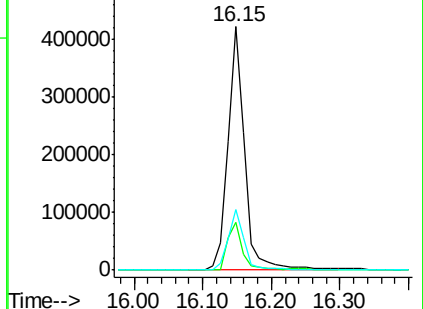
279 24.9 18.8 28.2

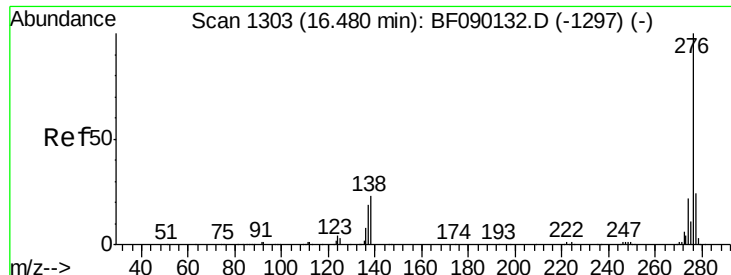


Abundance Ion 278.00 (277.70 to 278.70): E

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: 64.14 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion:	276	Resp:	769972
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	27.2	23.3	34.9

