

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111416\
 Data File : BF091165.D
 Acq On : 14 Nov 2016 15:37
 Operator : UM/SJ
 Sample : PB94712BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Quant Time: Nov 15 00:22:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	182093	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	786858	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	425859	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	656501	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	556657	20.00	ng	-0.03
86) Perylene-d12	15.15	264	479748	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1273228	115.48	ng	-0.01
7) Phenol-d6	6.29	99	1717076	114.74	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1107472	76.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	461831	119.96	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1898268	76.74	ng	-0.03
78) Terphenyl-d14	12.74	244	1999184	89.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	174737	27.71	ng	# 96
3) Pyridine	2.82	79	440409	29.85	ng	96
4) n-Nitrosodimethylamine	2.77	42	211629	36.26	ng	92
6) Aniline	6.30	93	385973	21.87	ng	# 34
8) 2-Chlorophenol	6.42	128	513594	39.05	ng	99
9) Benzaldehyde	6.19	77	39755	4.79	ng	98
10) Phenol	6.30	94	529176	31.95	ng	86
11) bis(2-Chloroethyl)ether	6.38	93	547676	39.24	ng	87
12) 1,3-Dichlorobenzene	6.81	146	511108	38.42	ng	100
13) 1,4-Dichlorobenzene	6.81	146	518915	36.36	ng	98
14) 1,2-Dichlorobenzene	6.81	146	529195	40.40	ng	97
15) Benzyl Alcohol	6.80	79	409425	38.79	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.92	45	652718	32.66	ng	# 34
17) 2-Methylphenol	6.92	107	421130	40.45	ng	95
18) Hexachloroethane	7.14	117	204288	36.99	ng	# 85
19) n-Nitroso-di-n-propylamine	7.07	70	412670	39.79	ng	# 88
20) 3+4-Methylphenols	7.07	107	553343	44.26	ng	88
22) Acetophenone	7.06	105	734180	40.52	ng	94
24) Nitrobenzene	7.23	77	599511	37.63	ng	97
25) Isophorone	7.47	82	1085687	39.06	ng	99
26) 2-Nitrophenol	7.55	139	283259	42.02	ng	# 69
27) 2,4-Dimethylphenol	7.60	122	441652	39.61	ng	97
28) bis(2-Chloroethoxy)methane	7.69	93	659754	43.45	ng	99
29) 2,4-Dichlorophenol	7.79	162	404601	41.58	ng	94
30) 1,2,4-Trichlorobenzene	7.87	180	456367	41.71	ng	99
31) Naphthalene	7.95	128	1466346	38.97	ng	99
32) Benzoic acid	7.76	122	257642	31.56	ng	97
33) 4-Chloroaniline	8.01	127	201534	12.88	ng	# 94
34) Hexachlorobutadiene	8.06	225	246951	41.82	ng	99
35) Caprolactam	8.38	113	71967	23.54	ng	95
36) 4-Chloro-3-methylphenol	8.51	107	504363	42.82	ng	96
37) 2-Methylnaphthalene	8.64	142	943294	38.99	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	470674	43.35	ng	99
40) Hexachlorocyclopentadiene	8.80	237	368059	86.76	ng	99

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

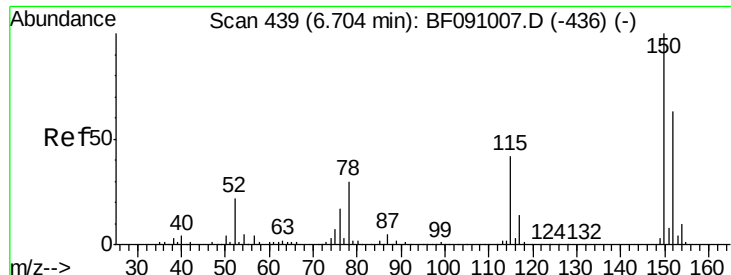
Instrument :
 BNA_F
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Quant Time: Nov 15 00:22:01 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.92	196	277252	39.56	ng	100
43) 2,4,5-Trichlorophenol	8.98	196	306483	41.65	ng #	94
45) 1,1'-Biphenyl	9.10	154	1243758	40.00	ng	98
46) 2-Chloronaphthalene	9.13	162	999294	42.33	ng	97
47) 2-Nitroaniline	9.23	65	318685	36.37	ng	95
48) Acenaphthylene	9.54	152	1467266	39.88	ng	99
49) Dimethylphthalate	9.41	163	1077191	38.57	ng	100
50) 2,6-Dinitrotoluene	9.48	165	250381	41.84	ng #	49
51) Acenaphthene	9.71	154	915678	39.64	ng	99
52) 3-Nitroaniline	9.64	138	135583	19.11	ng	96
53) 2,4-Dinitrophenol	9.76	184	231888	71.83	ng #	70
54) Dibenzofuran	9.88	168	1286052	41.36	ng	97
55) 4-Nitrophenol	9.84	139	356276	75.71	ng #	72
56) 2,4-Dinitrotoluene	9.88	165	319021	41.90	ng #	82
57) Fluorene	10.22	166	1100612	43.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	279180	48.42	ng	96
59) Diethylphthalate	10.11	149	1106338	38.64	ng	98
60) 4-Chlorophenyl-phenylether	10.21	204	457344	39.54	ng #	78
61) 4-Nitroaniline	10.26	138	256483	35.73	ng	93
62) Azobenzene	10.37	77	1263575	37.49	ng	87
64) 4,6-Dinitro-2-methylphenol	10.29	198	186463	46.38	ng	74
65) n-Nitrosodiphenylamine	10.34	169	877360	42.05	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	323854	47.43	ng #	78
67) Hexachlorobenzene	10.77	284	349860	46.45	ng #	78
68) Atrazine	10.88	200	301511	50.09	ng	98
69) Pentachlorophenol	10.97	266	305991	91.73	ng	98
70) Phenanthrene	11.17	178	1366255	39.15	ng	100
71) Anthracene	11.23	178	1507156	40.62	ng	100
72) Carbazole	11.39	167	1288182	38.53	ng	98
73) Di-n-butylphthalate	11.72	149	1634377	38.87	ng	99
74) Fluoranthene	12.36	202	1579219	43.63	ng	92
76) Benzidine	12.49	184	521524	41.94	ng	97
77) Pyrene	12.59	202	1551635	42.56	ng	98
79) Butylbenzylphthalate	13.22	149	771660	44.25	ng #	73
80) Benzo(a)anthracene	13.77	228	1330674	42.10	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	255448	23.01	ng	99
82) Chrysene	13.81	228	1419356	45.54	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	944643	40.03	ng #	94
84) Di-n-octyl phthalate	14.39	149	1594930	41.11	ng #	94
85) Indeno(1,2,3-cd)pyrene	16.43	276	1125083	43.51	ng	96
87) Benzo(b)fluoranthene	14.81	252	2543939	78.18	ng #	97
88) Benzo(k)fluoranthene	14.81	252	2545437	89.18	ng #	94
89) Benzo(a)pyrene	15.09	252	1129192	39.86	ng #	97
90) Dibenzo(a,h)anthracene	16.43	278	956874	39.08	ng	99
91) Benzo(g,h,i)perylene	16.80	276	883338	39.89	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

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PB94712BSD

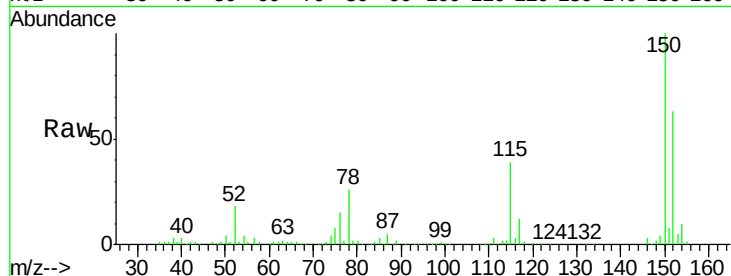
Tgt Ion:152 Resp: 182093

Ion Ratio Lower Upper

152 100

150 159.2 126.8 190.2

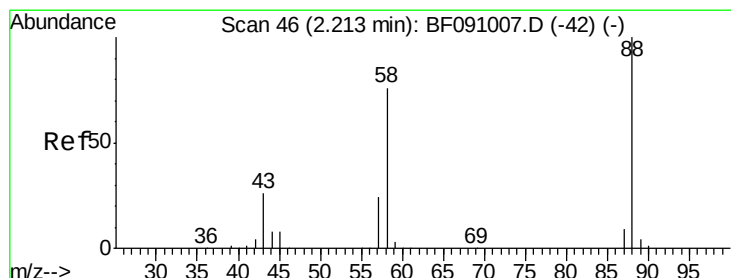
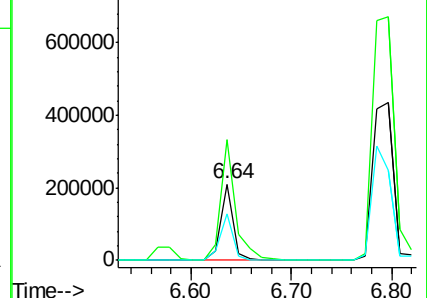
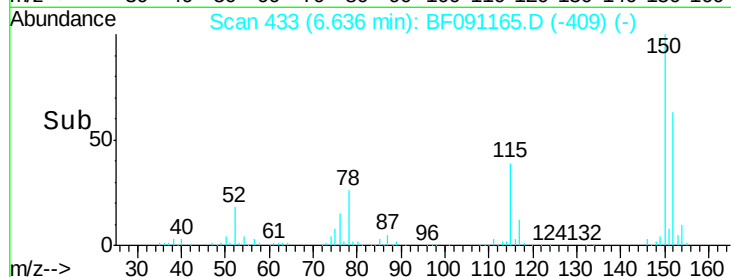
115 61.7 53.3 79.9



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: 27.71 ng

RT: 2.17 min Scan# 42

Delta R.T. 0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

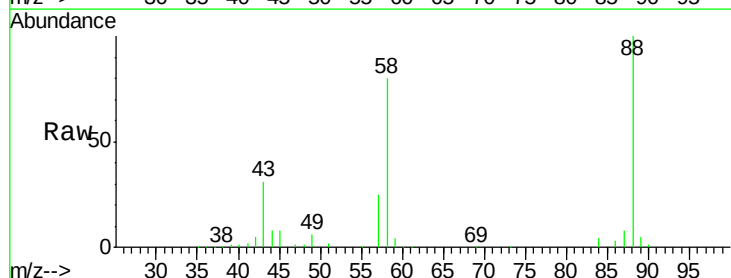
Tgt Ion: 88 Resp: 174737

Ion Ratio Lower Upper

88 100

58 79.2 63.8 95.6

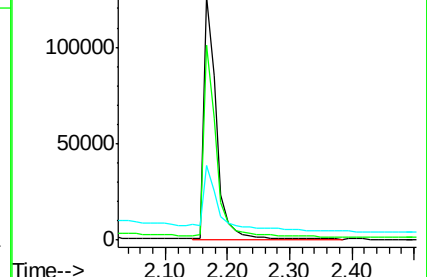
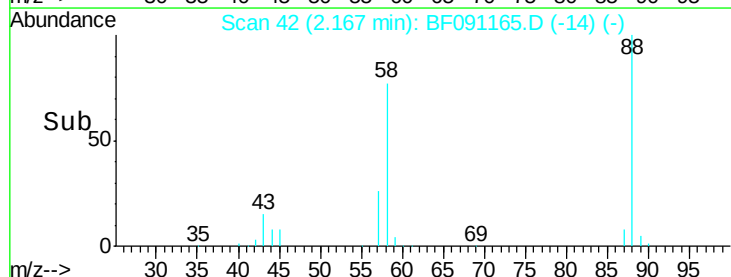
43 34.9 22.6 33.8#

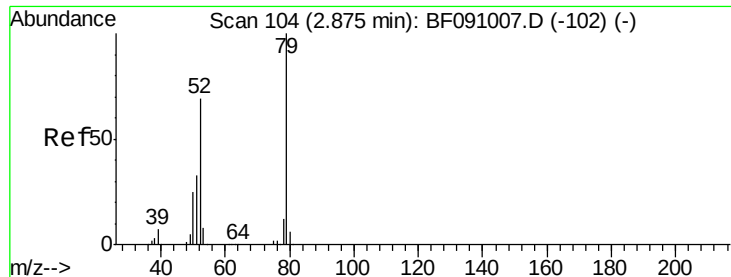


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.85 ng

RT: 2.82 min Scan# 99

Delta R.T. 0.03 min

Lab File: BF091165.D

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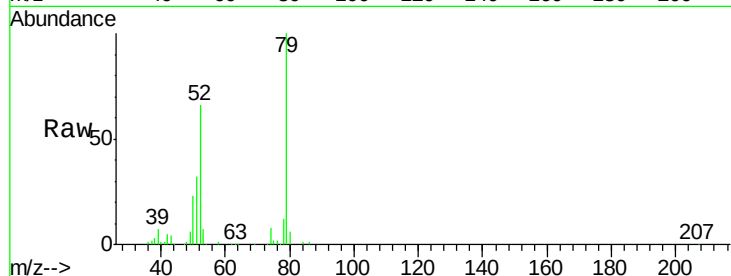
Tgt Ion: 79 Resp: 440409

Ion Ratio Lower Upper

79 100

52 65.9 55.4 83.0

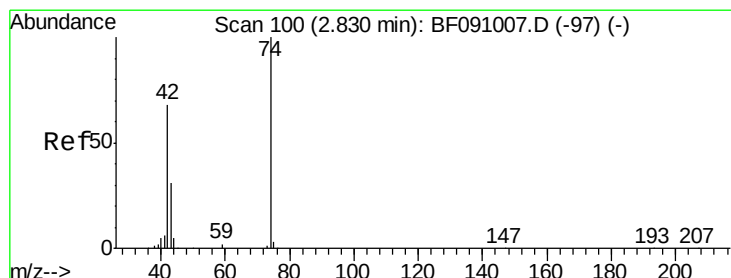
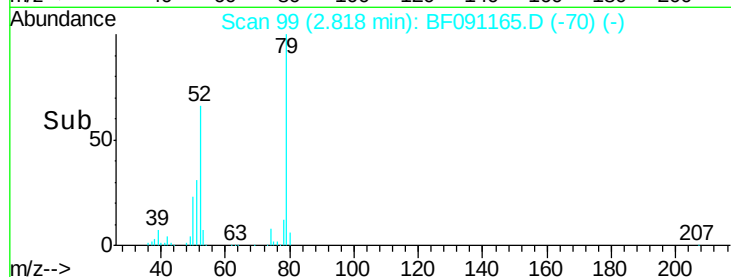
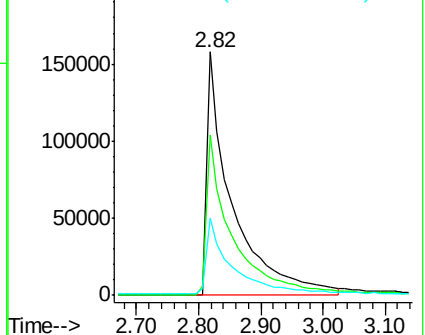
51 31.7 27.4 41.0



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: 36.26 ng

RT: 2.77 min Scan# 95

Delta R.T. 0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

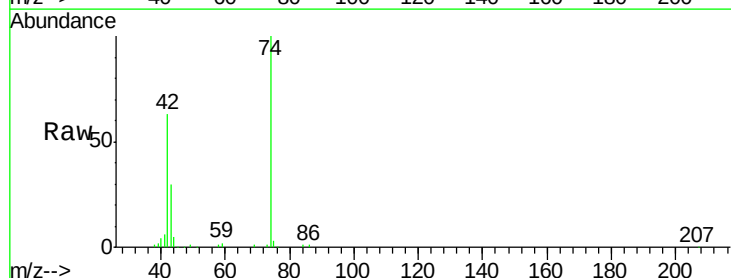
Tgt Ion: 42 Resp: 211629

Ion Ratio Lower Upper

42 100

74 157.7 117.3 175.9

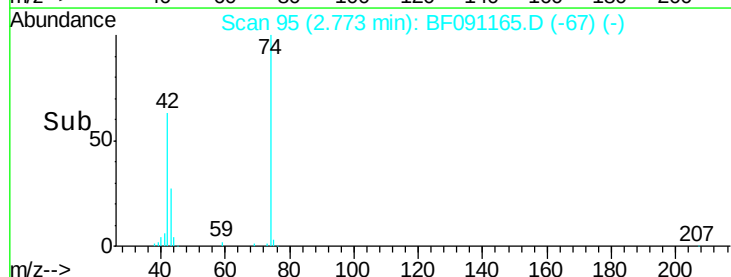
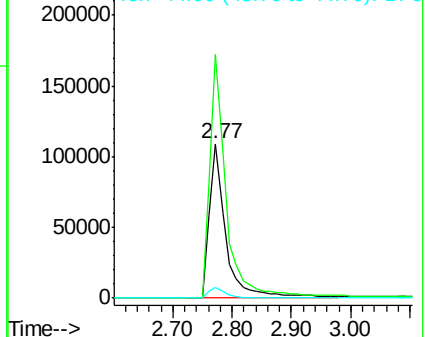
44 7.2 5.8 8.8

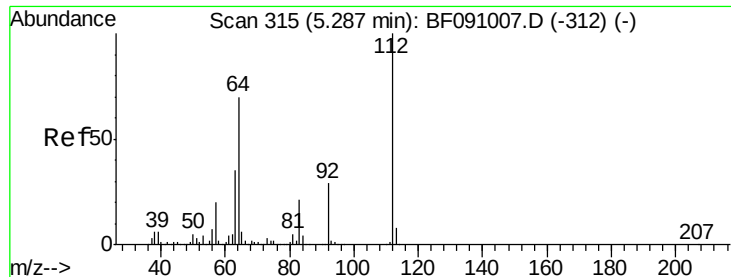


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.48 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

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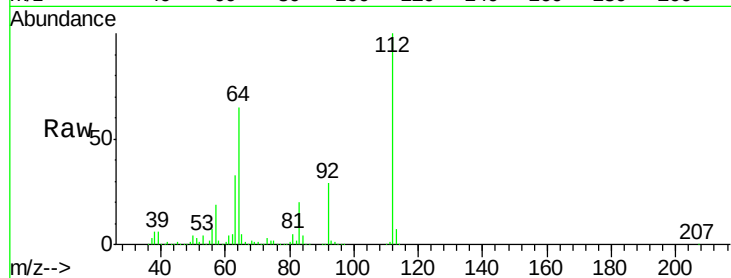
Tgt Ion: 112 Resp: 1273228

Ion Ratio Lower Upper

112 100

64 64.8 55.8 83.6

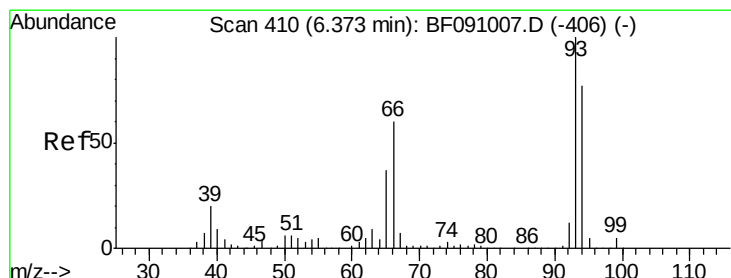
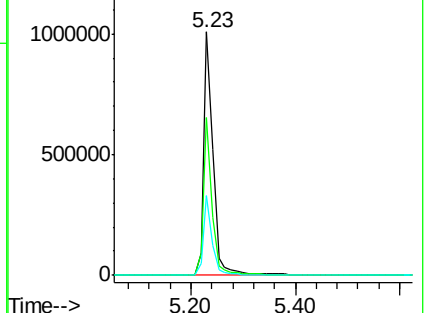
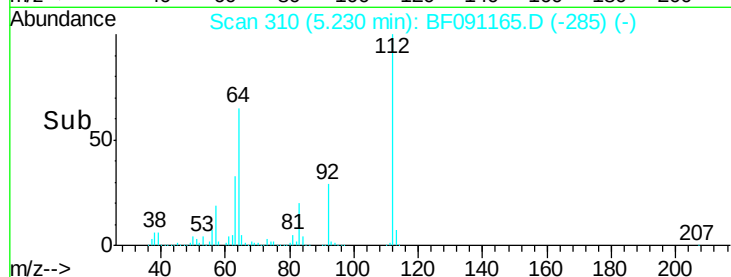
63 32.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.87 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

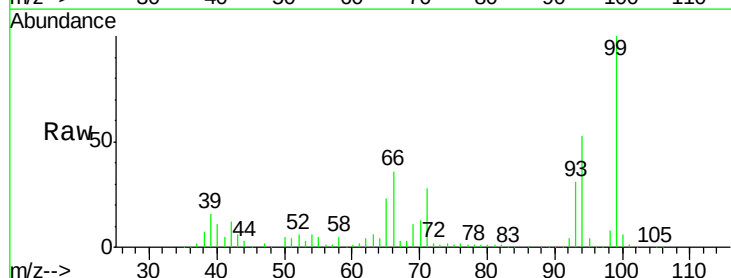
Tgt Ion: 93 Resp: 385973

Ion Ratio Lower Upper

93 100

66 113.8 48.2 72.2#

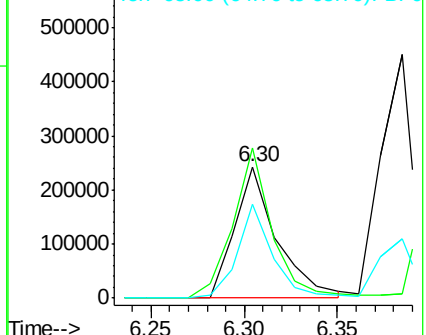
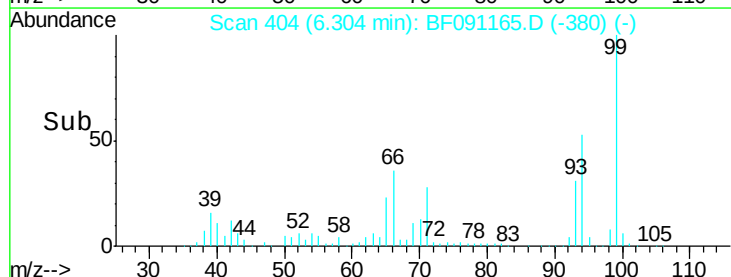
65 71.8 29.4 44.0#

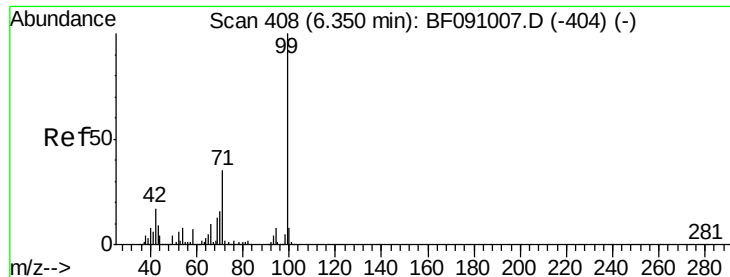


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.74 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

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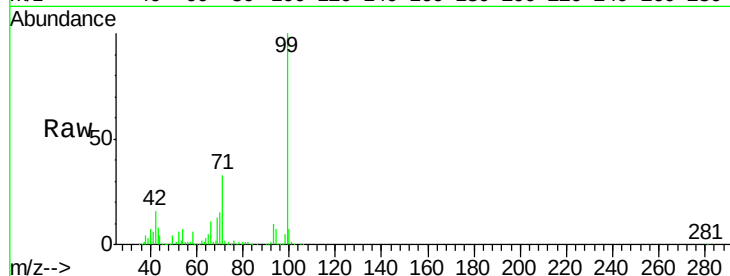
Tgt Ion: 99 Resp: 1717076

Ion Ratio Lower Upper

99 100

42 16.3 13.9 20.9

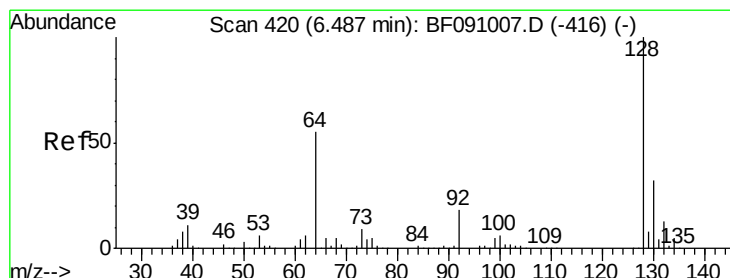
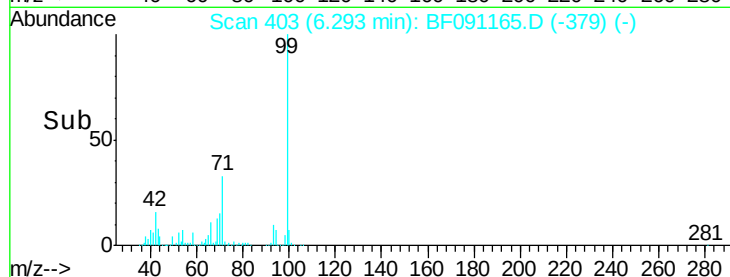
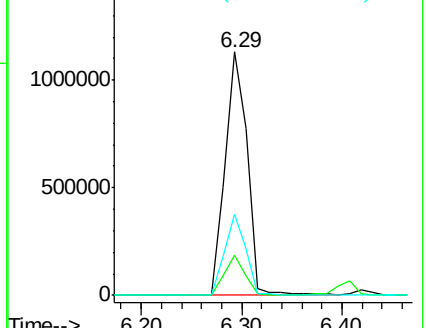
71 33.4 27.8 41.8



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: 39.05 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.03 min

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Acq: 14 Nov 2016 15:37

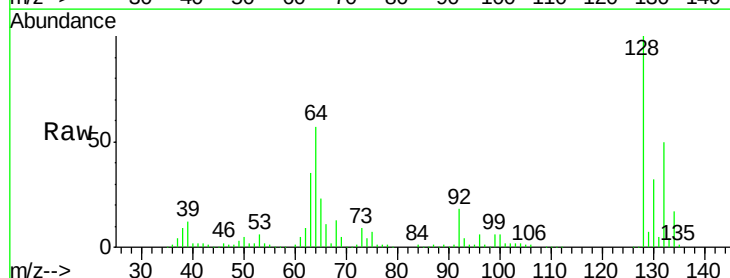
Tgt Ion: 128 Resp: 513594

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

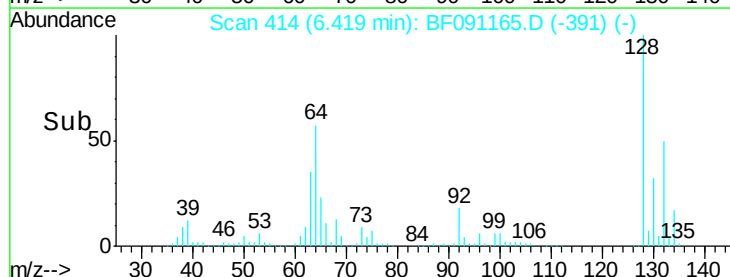
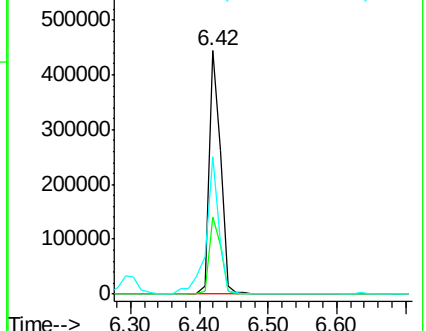
64 56.6 37.2 77.2

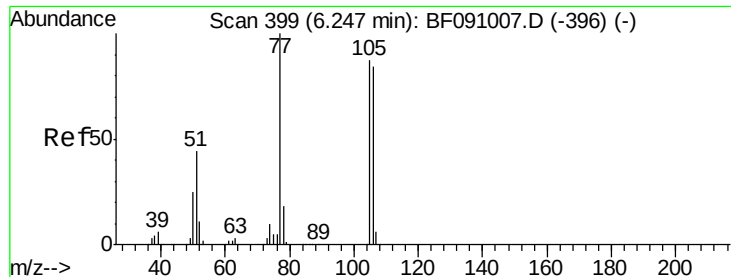


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.79 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

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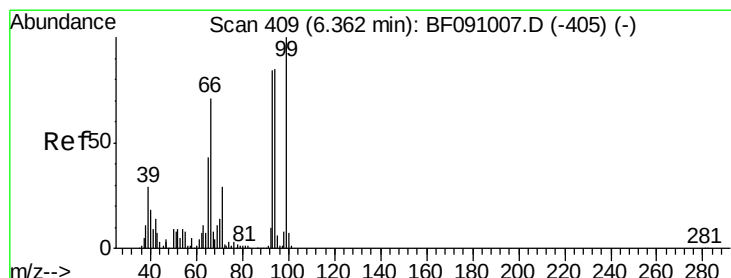
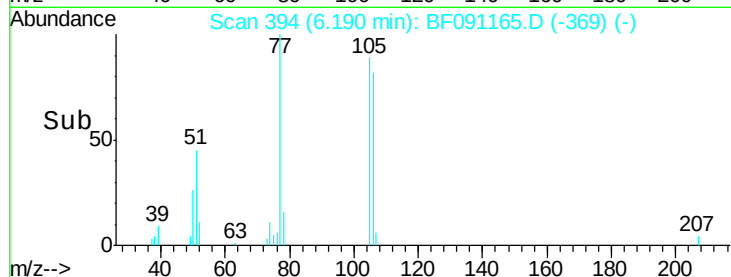
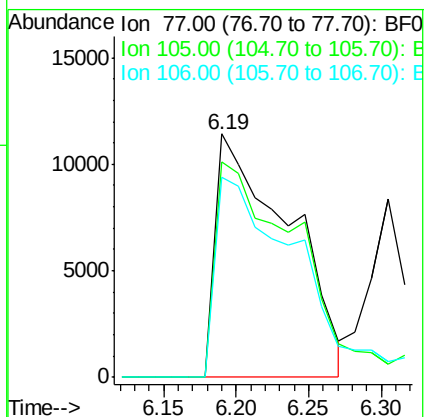
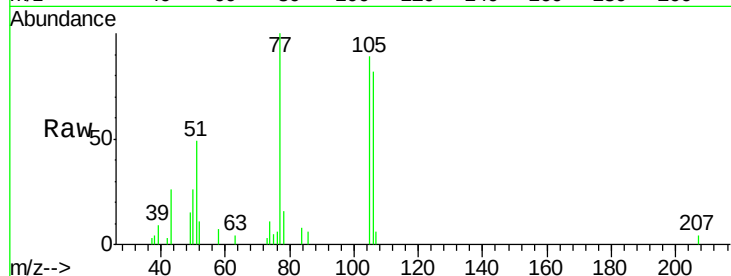
Tgt Ion: 77 Resp: 39755

Ion Ratio Lower Upper

77 100

105 88.7 66.8 106.8

106 82.0 64.0 104.0



#10

Phenol

Concen: 31.95 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

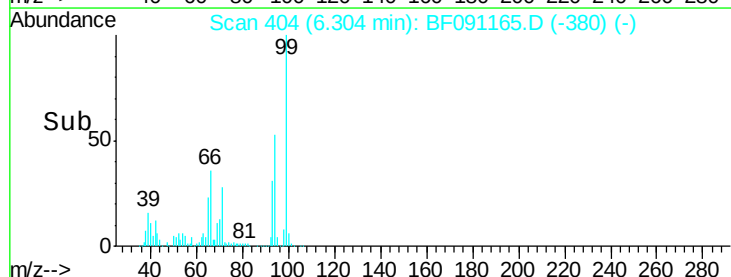
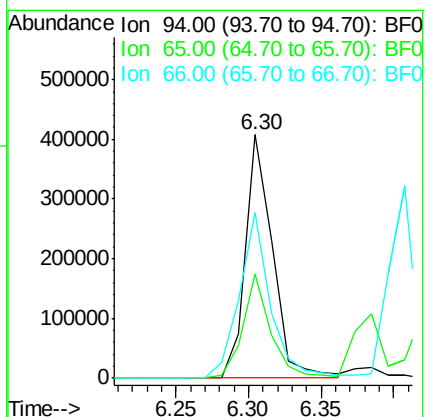
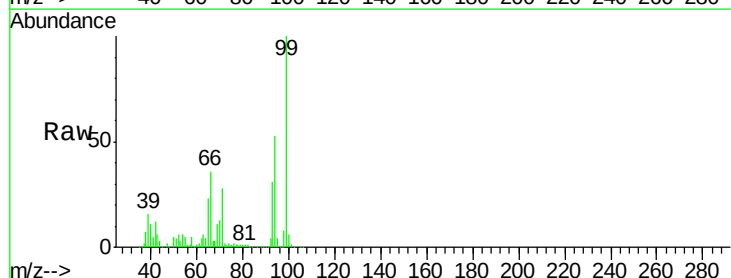
Tgt Ion: 94 Resp: 529176

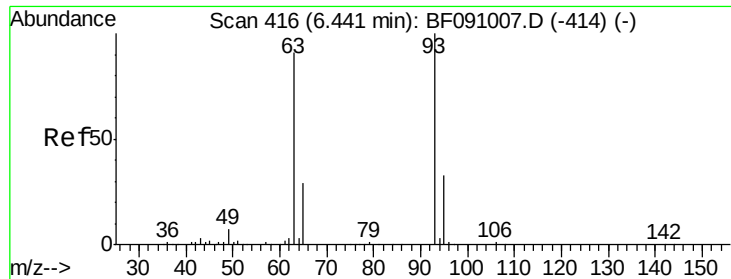
Ion Ratio Lower Upper

94 100

65 42.8 30.4 70.4

66 67.9 62.9 102.9



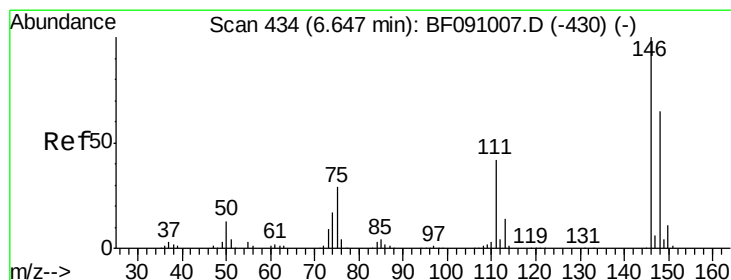
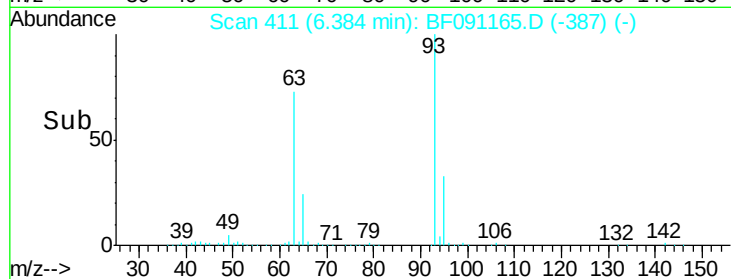
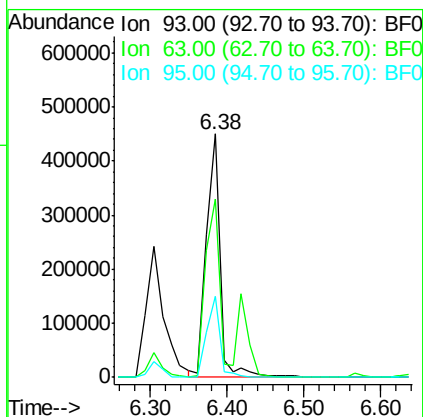
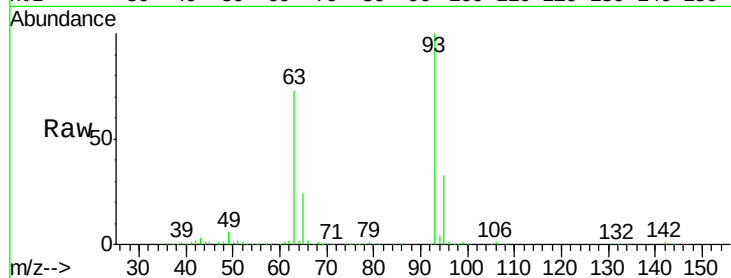


#11
bis(2-Chloroethyl)ether
Concen: 39.24 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Instrument :
BNA_F
ClientSampleId :
PB94712BSD

Tgt Ion: 93 Resp: 547676

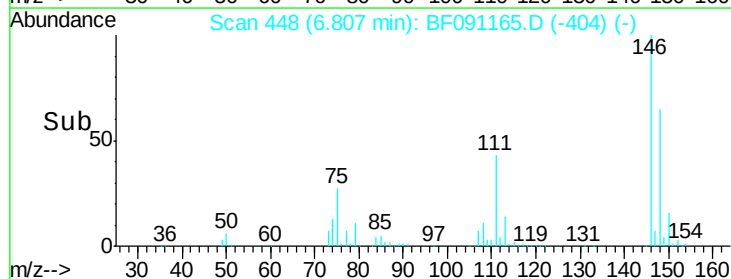
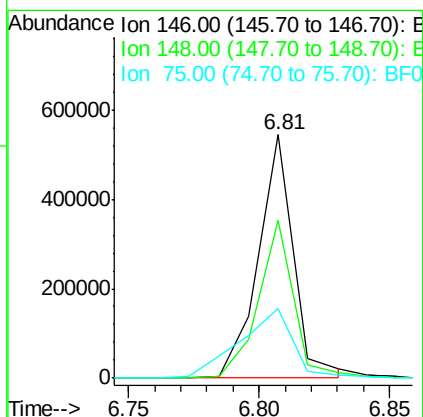
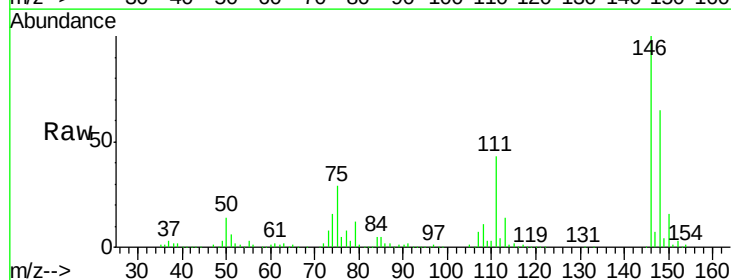
Ion	Ratio	Lower	Upper
93	100		
63	73.5	68.9	108.9
95	33.4	12.3	52.3

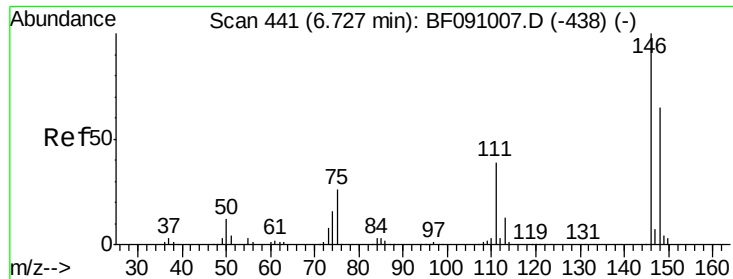


#12
1,3-Dichlorobenzene
Concen: 38.42 ng
RT: 6.81 min Scan# 448
Delta R.T. 0.21 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion: 146 Resp: 511108

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
75	28.6	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 36.36 ng

RT: 6.81 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

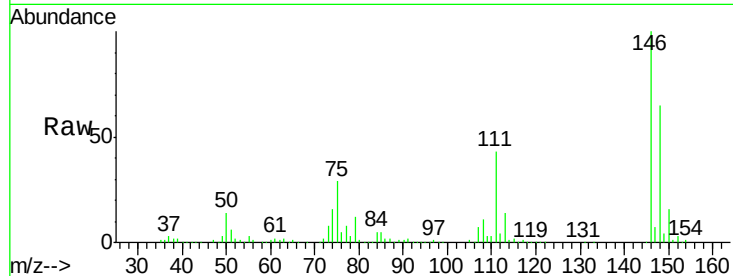
Tgt Ion:146 Resp: 518915

Ion Ratio Lower Upper

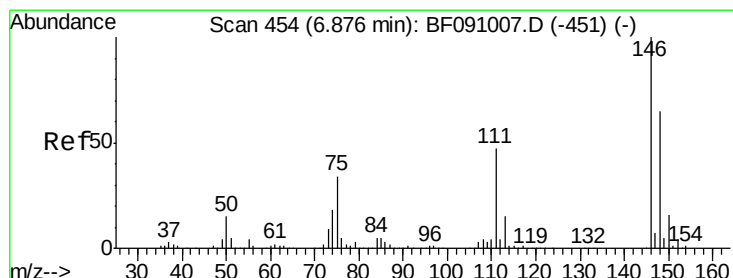
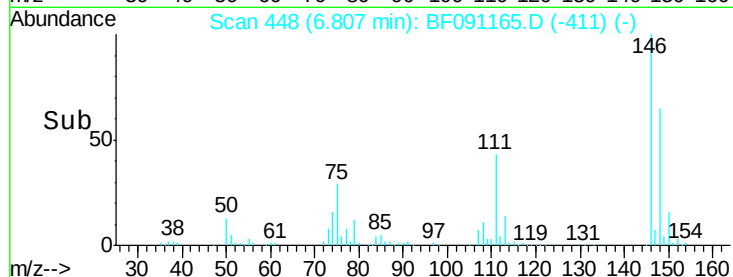
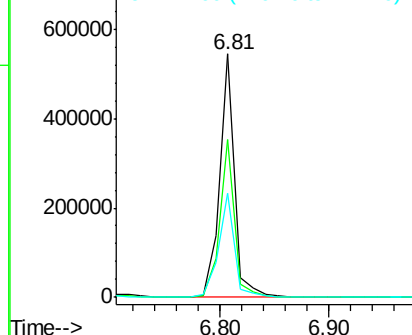
146 100

148 64.7 52.1 78.1

111 42.7 31.6 47.4



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: 40.40 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

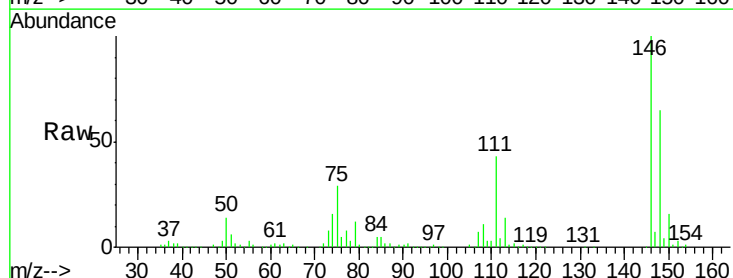
Tgt Ion:146 Resp: 529195

Ion Ratio Lower Upper

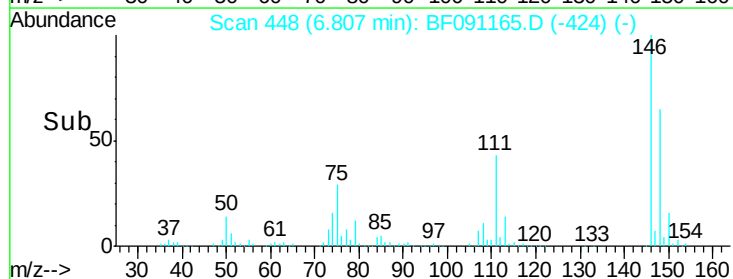
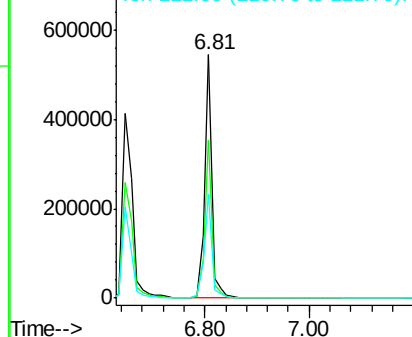
146 100

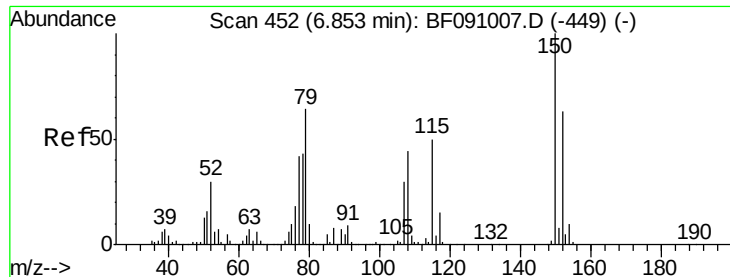
148 64.7 51.6 77.4

111 42.7 37.3 55.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.79 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleID :

PB94712BSD

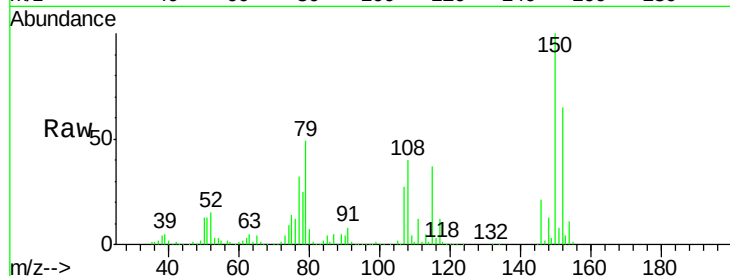
Tgt Ion: 79 Resp: 409425

Ion Ratio Lower Upper

79 100

108 80.9 55.7 83.5

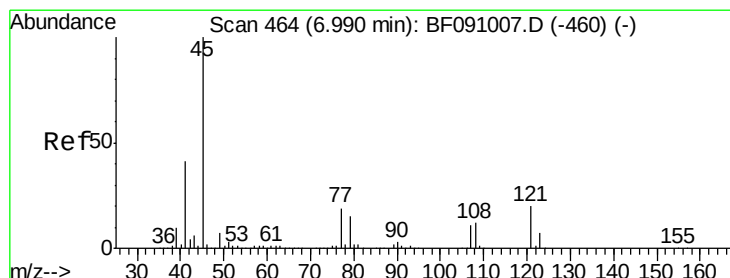
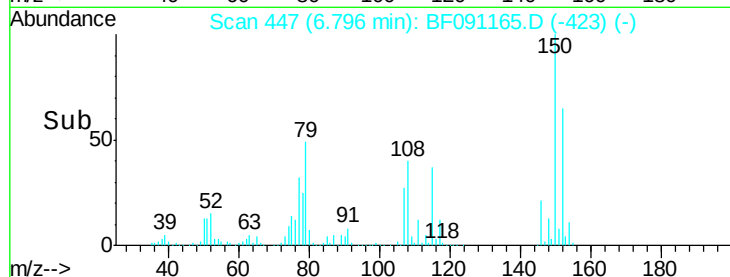
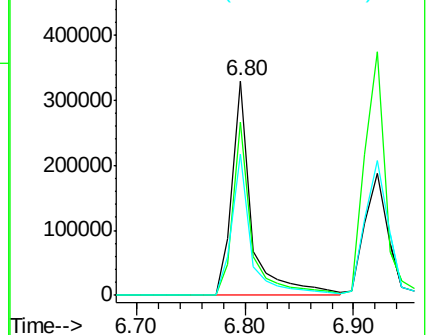
77 65.6 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.66 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

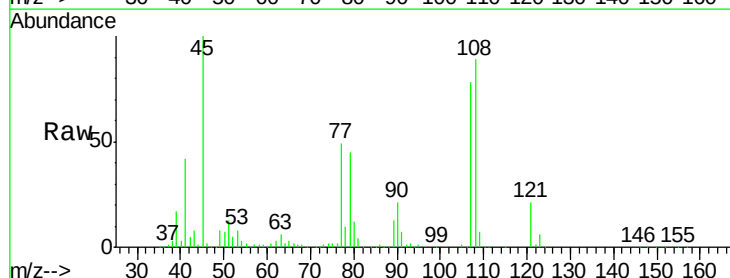
Tgt Ion: 45 Resp: 652718

Ion Ratio Lower Upper

45 100

77 49.2 0.0 39.6#

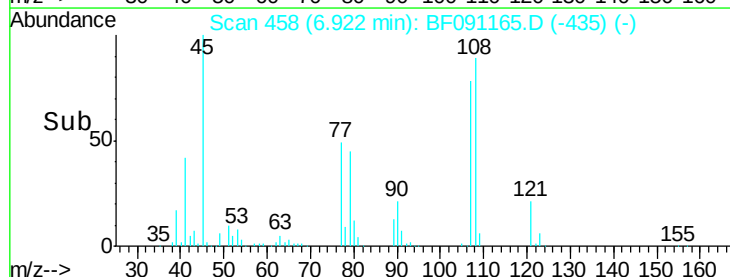
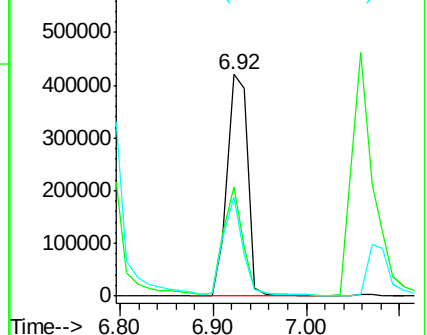
79 44.5 0.0 35.9#

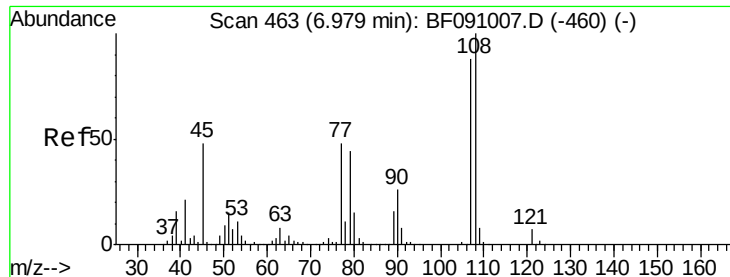


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

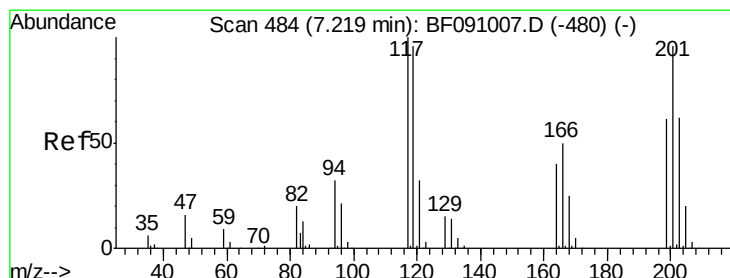
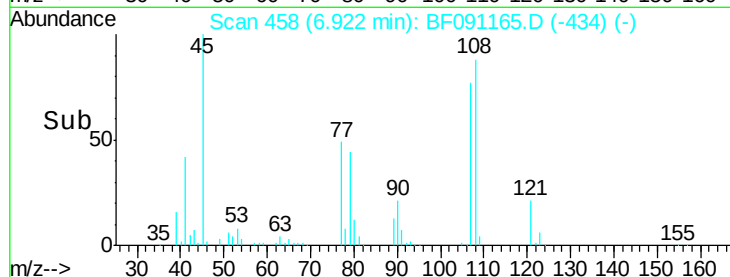
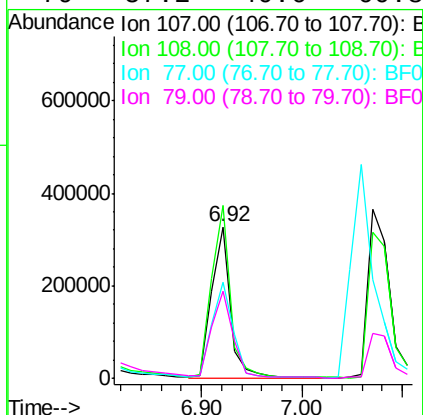
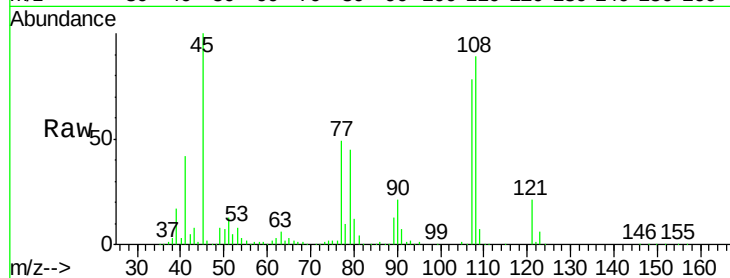




#17
2-Methylphenol
Concen: 40.45 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

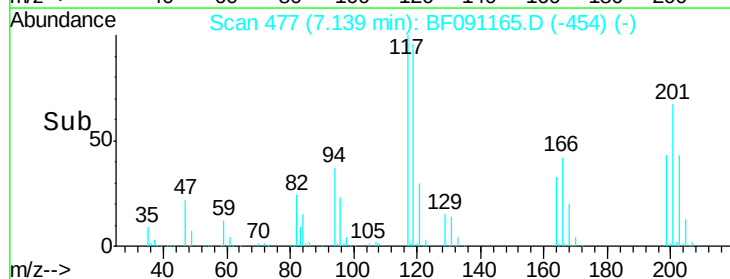
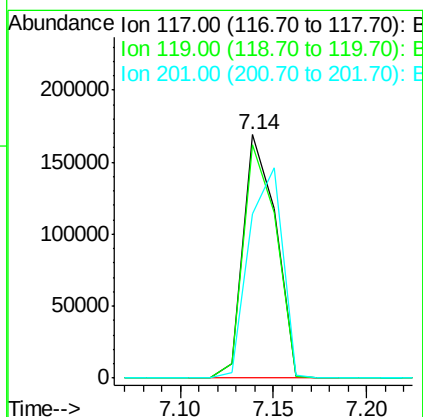
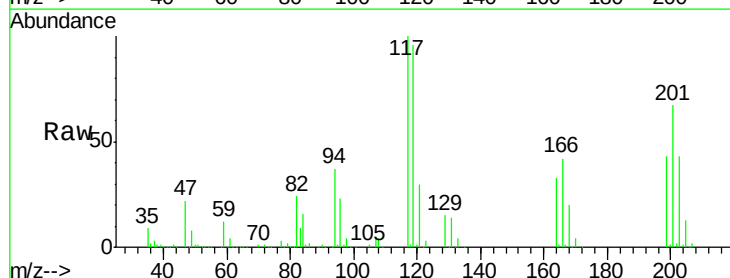
Instrument :
BNA_F
ClientSampleId :
PB94712BSD

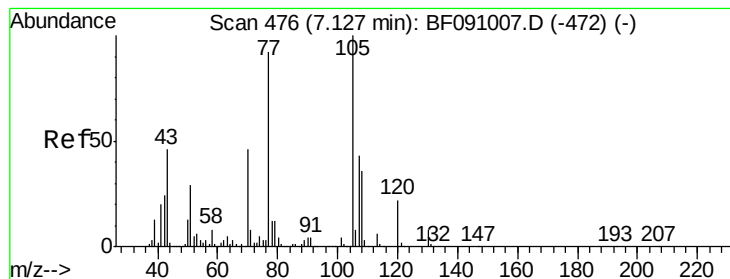
Tgt Ion:	107	Resp:	421130
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.0	136.6
77	63.3	43.8	65.8
79	57.2	40.6	60.8



#18
Hexachloroethane
Concen: 36.99 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion:	117	Resp:	204288
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	115.0
201	67.4	77.1	115.7#





#19

n-Nitroso-di-n-propylamine

Concen: 39.79 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

Tgt Ion: 70 Resp: 412670

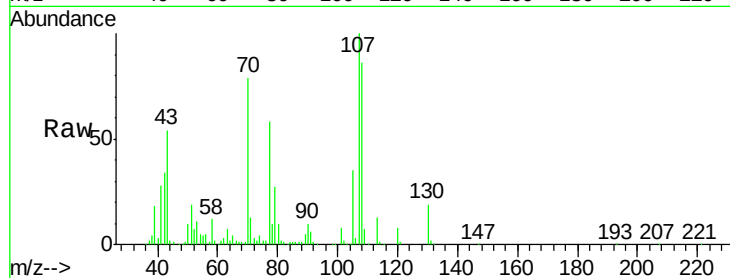
Ion Ratio Lower Upper

70 100

42 43.0 41.7 62.5

101 10.0 6.7 10.1

130 23.6 13.8 20.8#



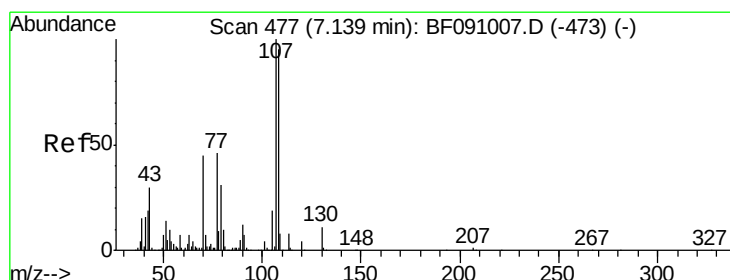
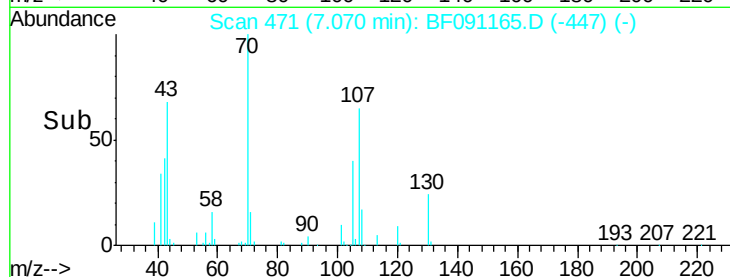
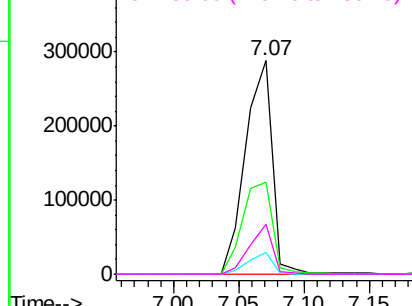
Abundance

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): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 44.26 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Tgt Ion: 107 Resp: 553343

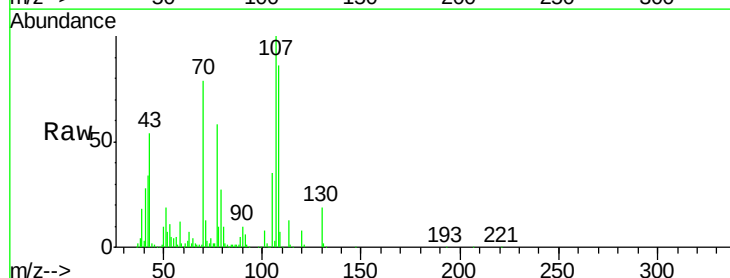
Ion Ratio Lower Upper

107 100

108 86.0 75.5 115.5

77 58.1 26.4 66.4

79 26.7 11.1 51.1



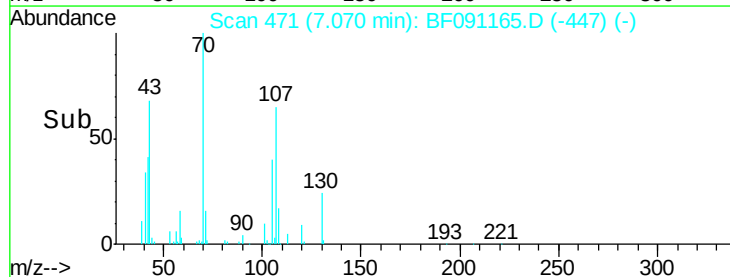
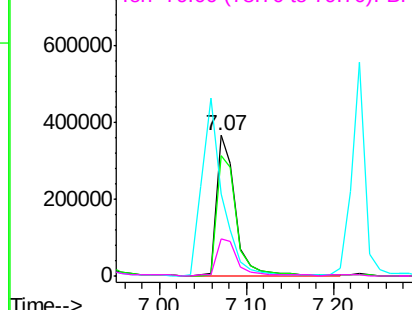
Abundance

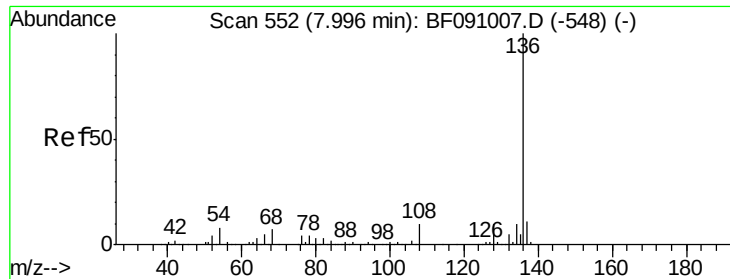
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

Tgt Ion:136 Resp: 786858

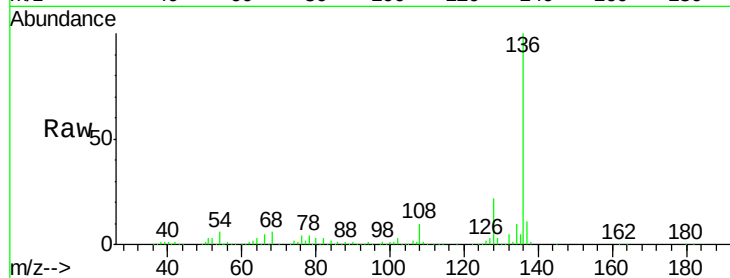
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.2 9.2

68 5.6 5.5 8.3

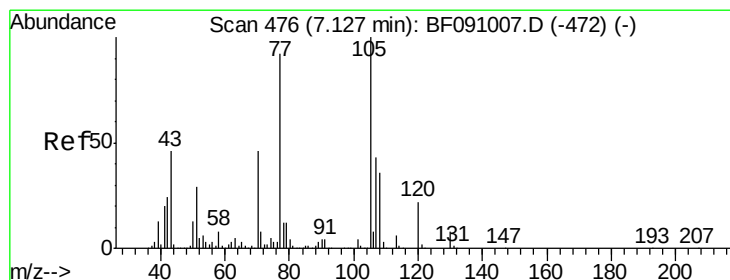
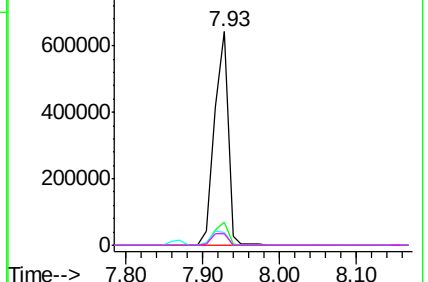
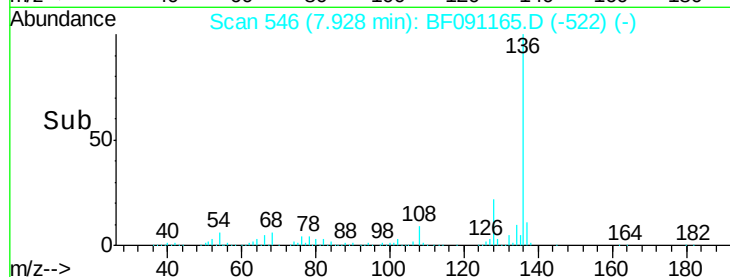


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.52 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Tgt Ion:105 Resp: 734180

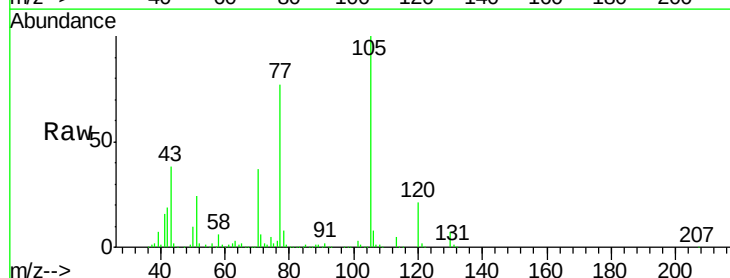
Ion Ratio Lower Upper

105 100

71 6.4 6.2 9.2

51 23.5 23.3 34.9

120 21.3 17.4 26.0

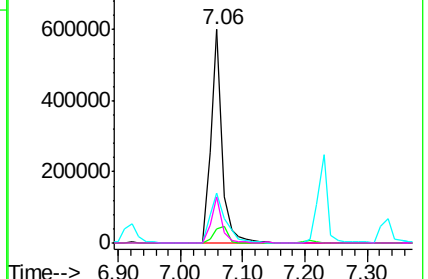
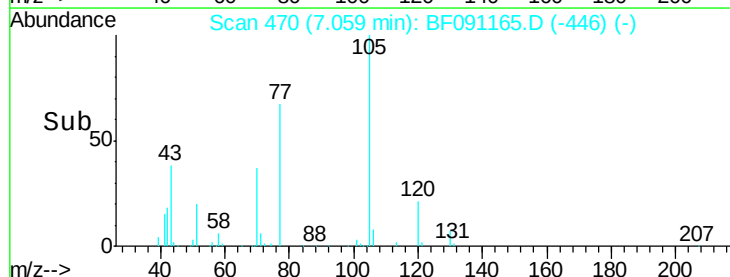


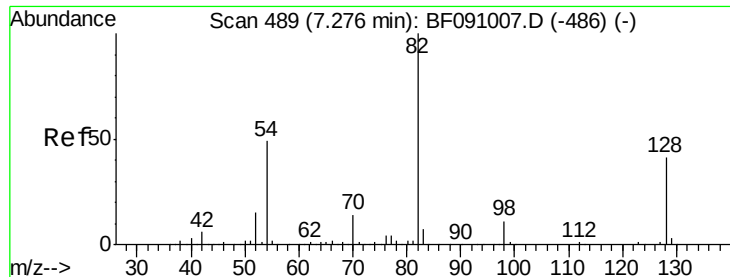
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

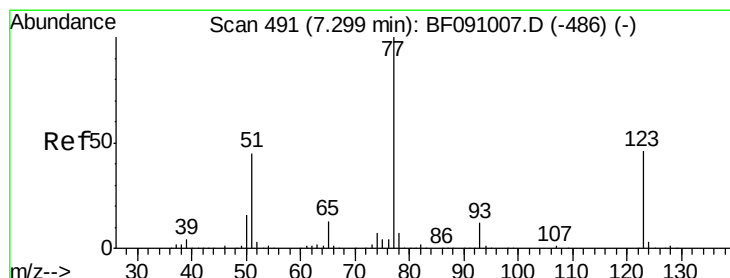
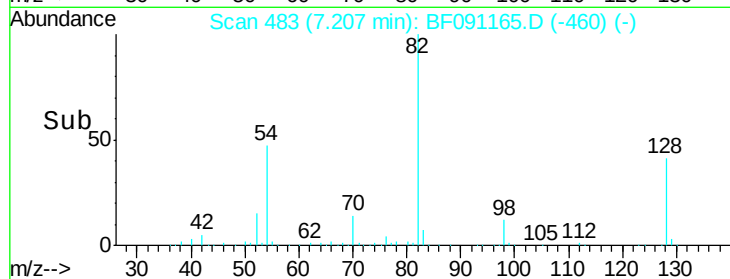
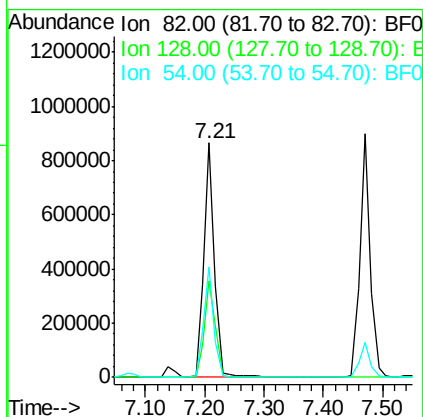
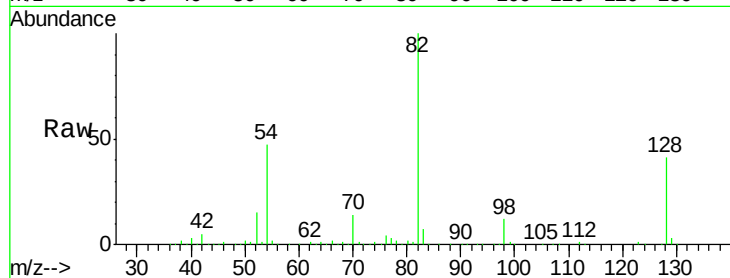




#23
 Nitrobenzene-d5
 Concen: 76.78 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

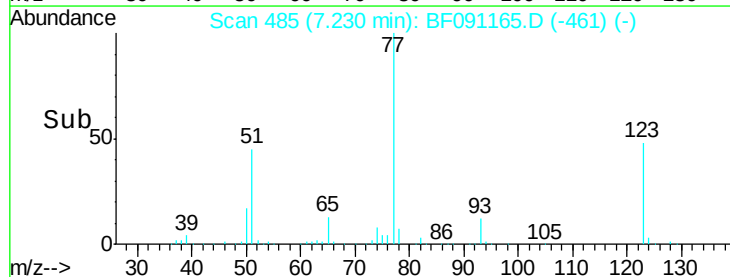
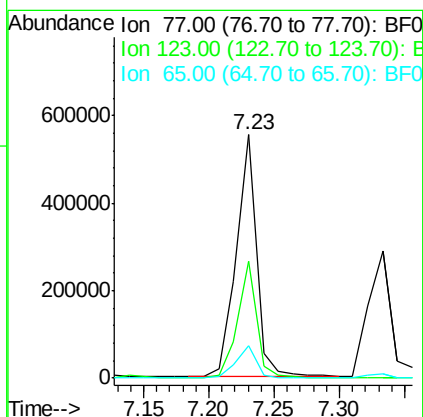
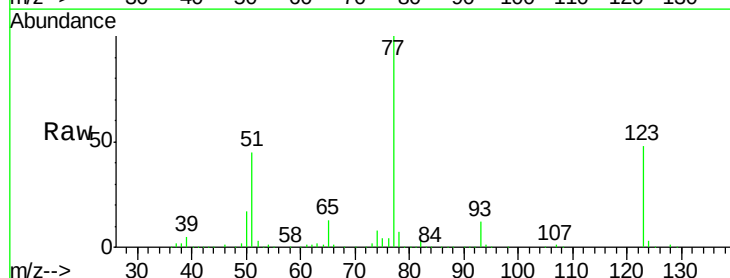
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

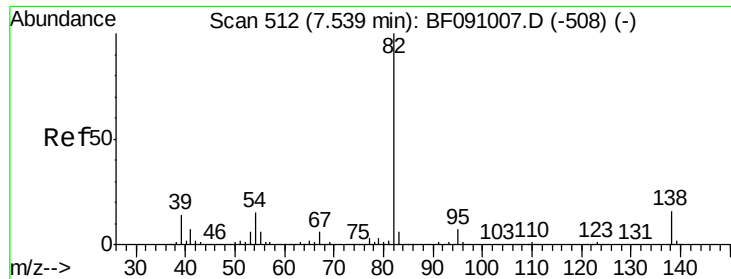
Tgt Ion: 82 Resp: 1107472
 Ion Ratio Lower Upper
 82 100
 128 41.2 32.4 48.6
 54 47.1 39.2 58.8



#24
 Nitrobenzene
 Concen: 37.63 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion: 77 Resp: 599511
 Ion Ratio Lower Upper
 77 100
 123 47.9 36.5 54.7
 65 13.3 10.7 16.1

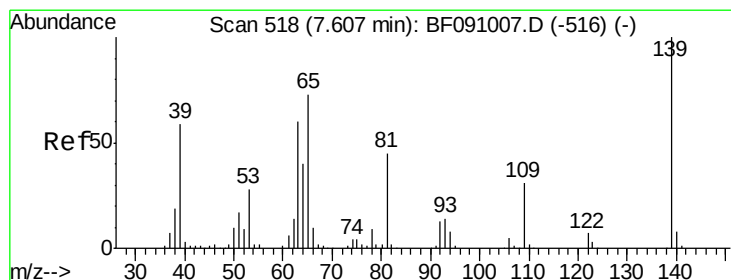
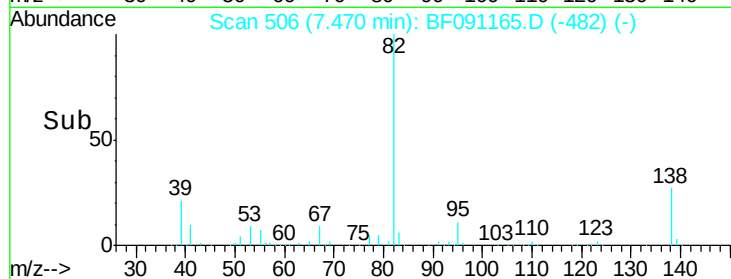
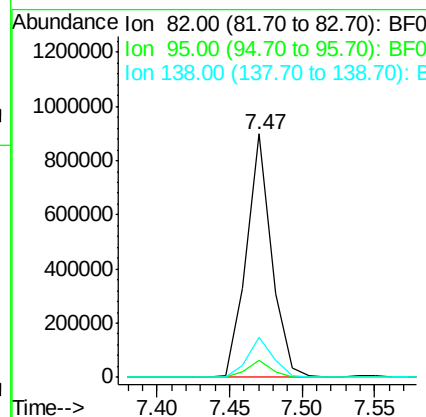
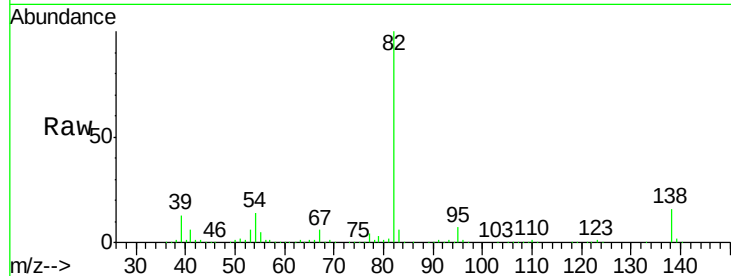




#25
Isophorone
Concen: 39.06 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

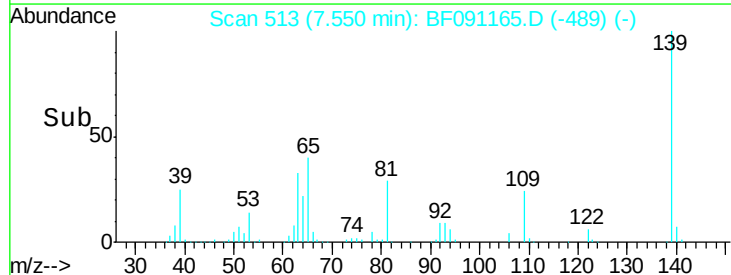
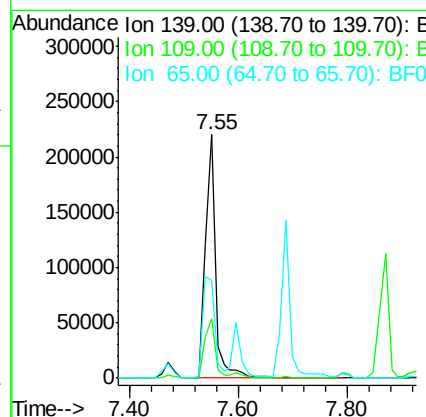
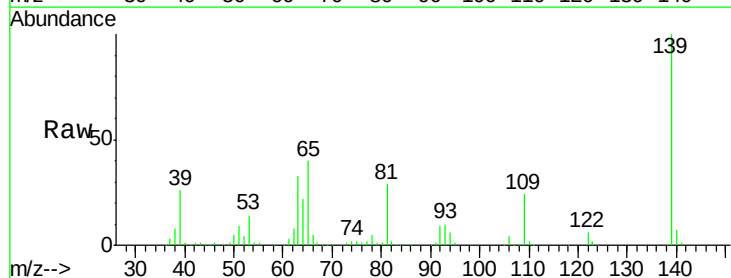
Instrument :
BNA_F
ClientSampleId :
PB94712BSD

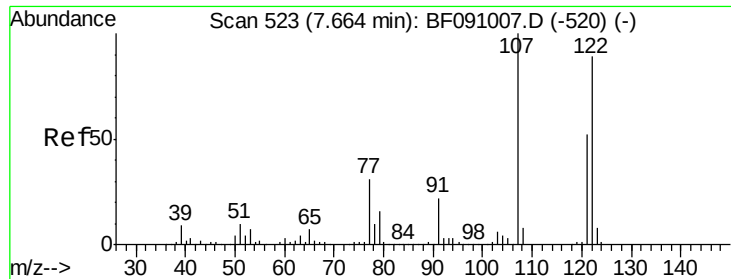
Tgt Ion: 82 Resp: 1085687
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 16.5 13.0 19.4



#26
2-Nitrophenol
Concen: 42.02 ng
RT: 7.55 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion: 139 Resp: 283259
Ion Ratio Lower Upper
139 100
109 24.3 24.7 37.1#
65 40.1 58.3 87.5#

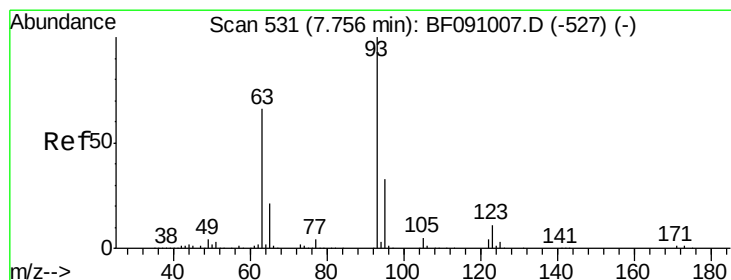
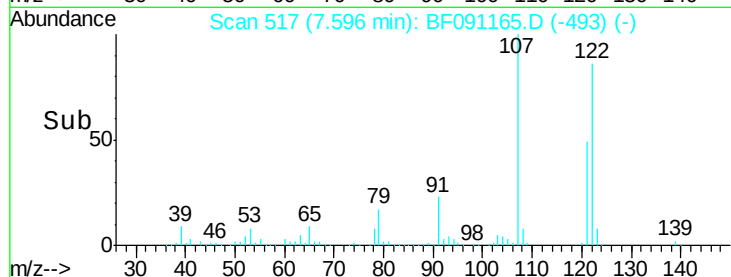
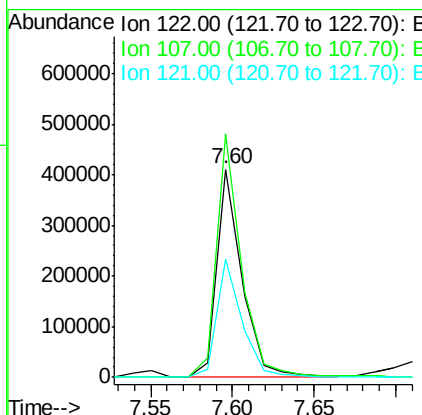
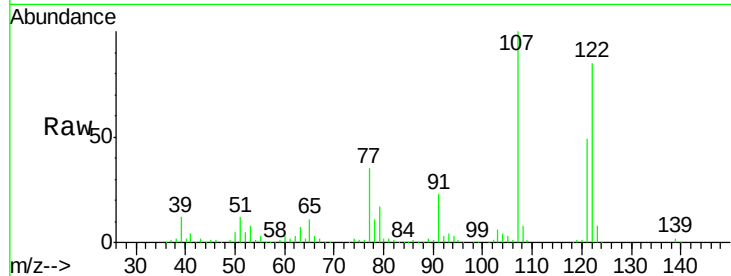




#27
 2,4-Dimethylphenol
 Concen: 39.61 ng
 RT: 7.60 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

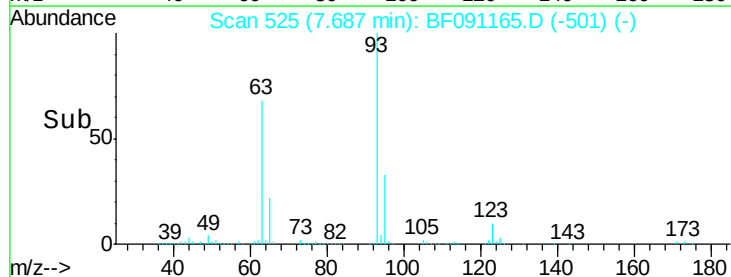
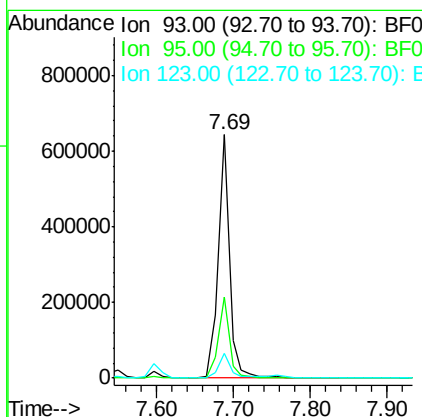
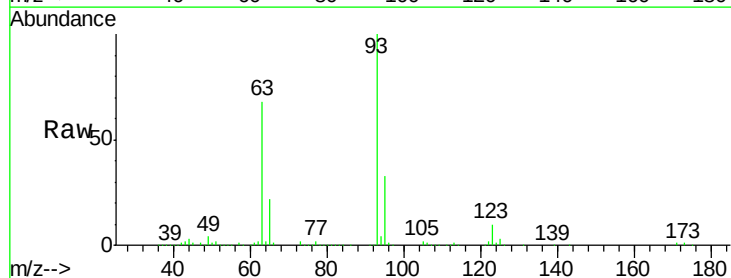
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

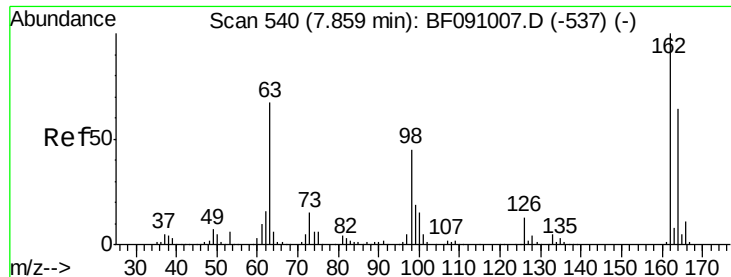
Tgt Ion:122 Resp: 441652
 Ion Ratio Lower Upper
 122 100
 107 117.0 89.6 134.4
 121 57.1 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.45 ng
 RT: 7.69 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion: 93 Resp: 659754
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 10.4 8.7 13.1

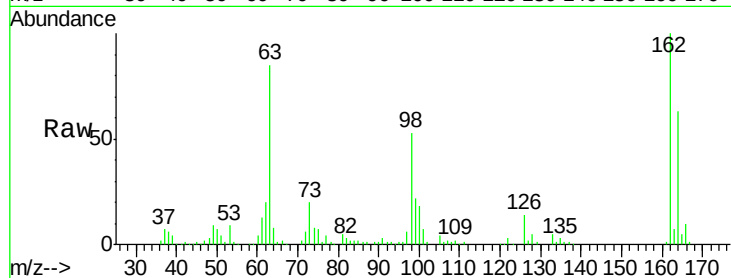




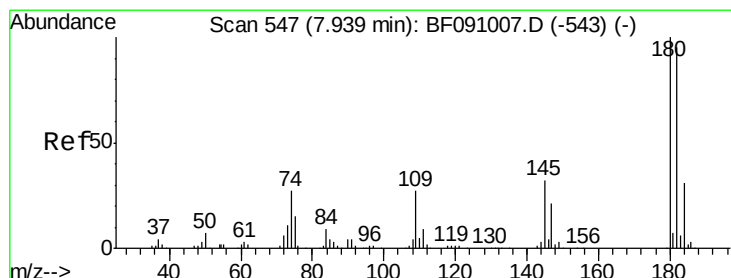
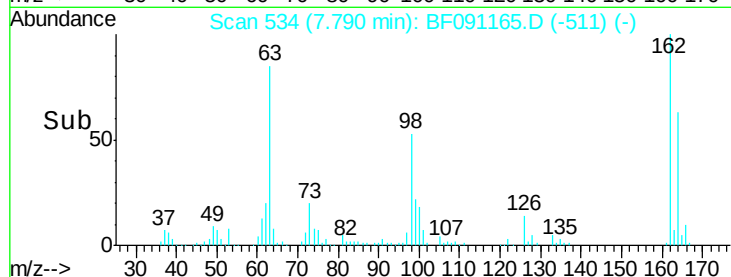
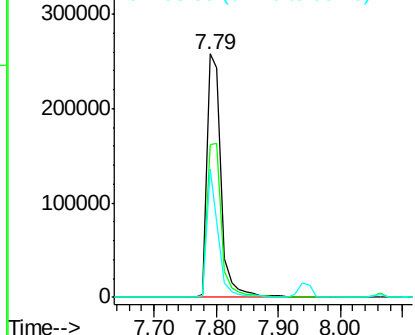
#29
 2,4-Dichlorophenol
 Concen: 41.58 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.4	84.4
98	52.7	25.2	65.2

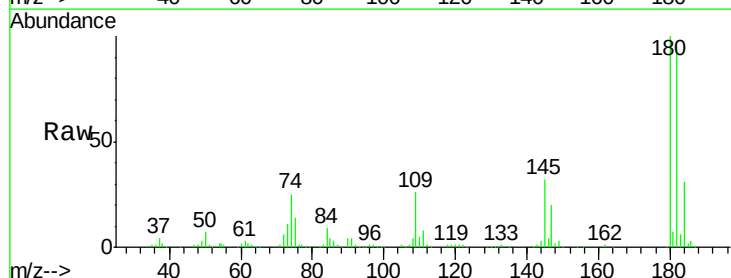


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

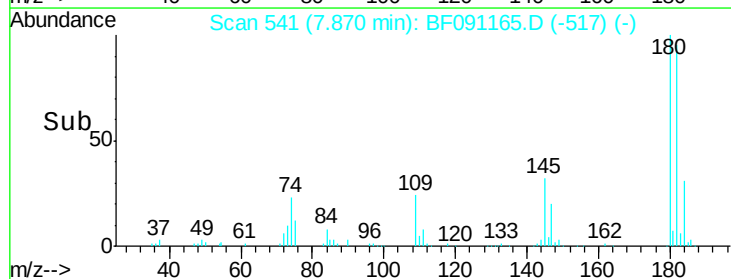
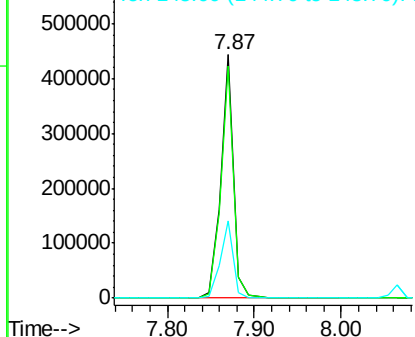


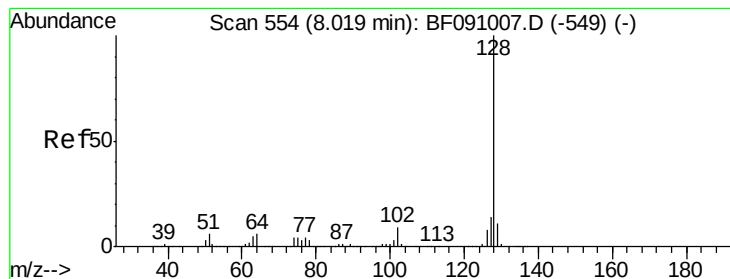
#30
 1,2,4-Trichlorobenzene
 Concen: 41.71 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	31.5	25.8	38.8



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: 38.97 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

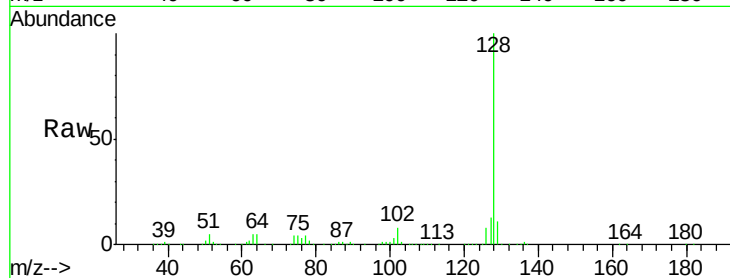
Tgt Ion:128 Resp: 1466346

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

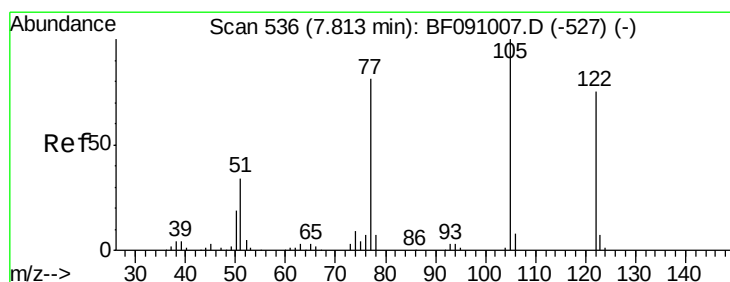
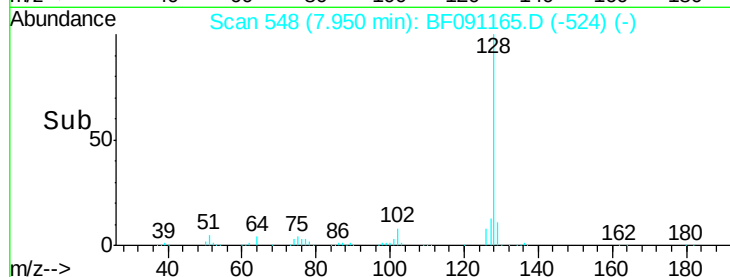
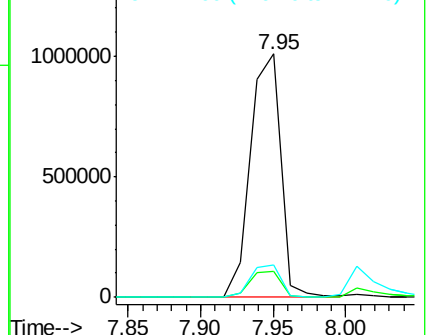
127 13.4 10.9 16.3



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: 31.56 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

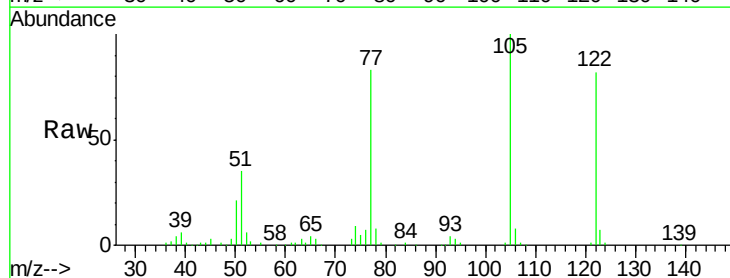
Tgt Ion:122 Resp: 257642

Ion Ratio Lower Upper

122 100

105 122.7 105.9 145.9

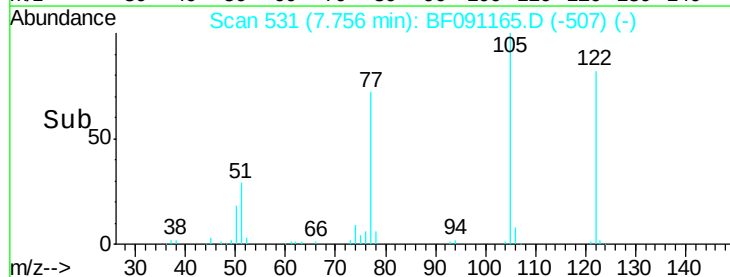
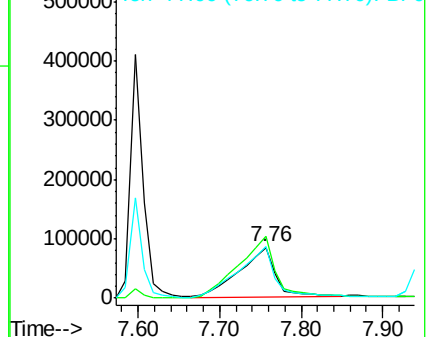
77 101.7 84.0 124.0

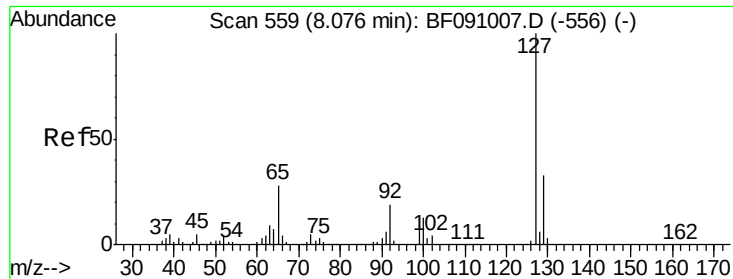


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

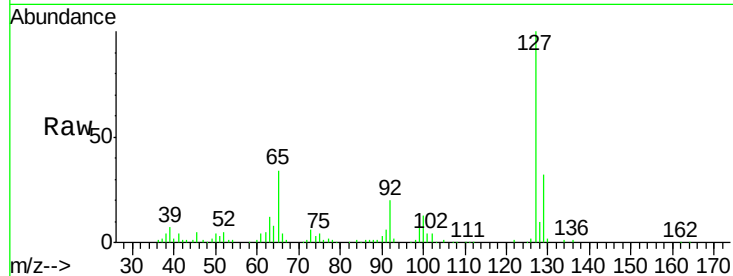




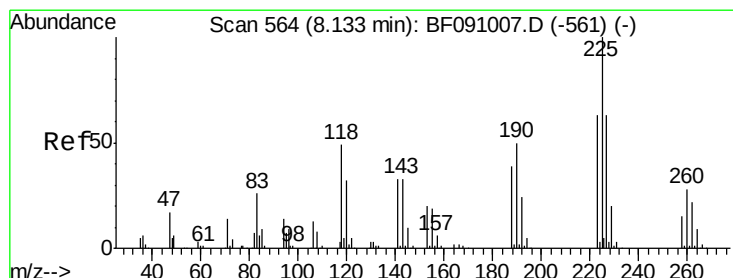
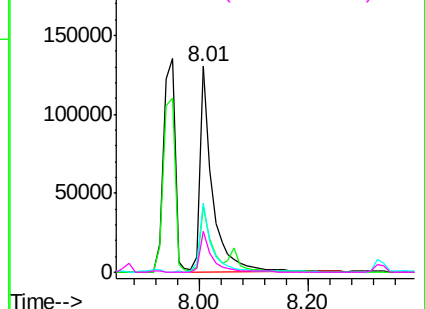
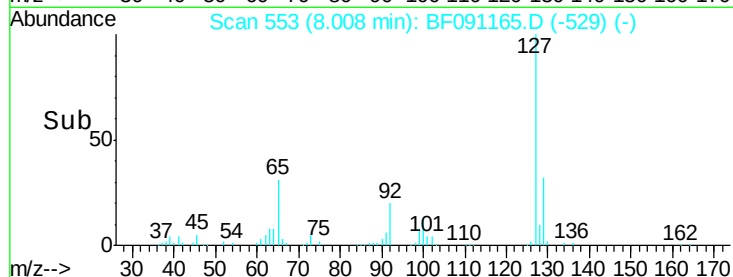
#33
 4-Chloroaniline
 Concen: 12.88 ng
 RT: 8.01 min Scan# 553
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Tgt Ion:	127	Resp:	201534
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	39.8
65	33.8	22.2	33.2#
92	20.1	15.0	22.4

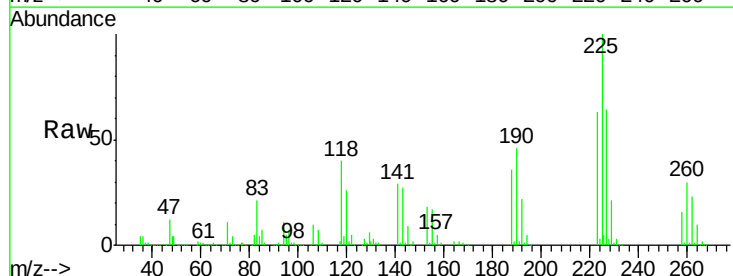


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

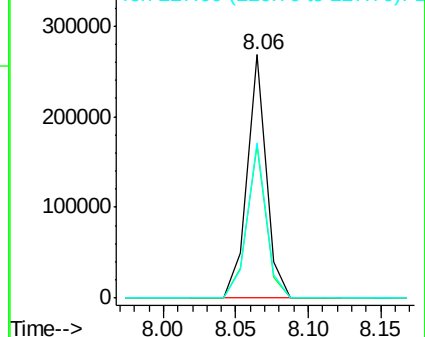
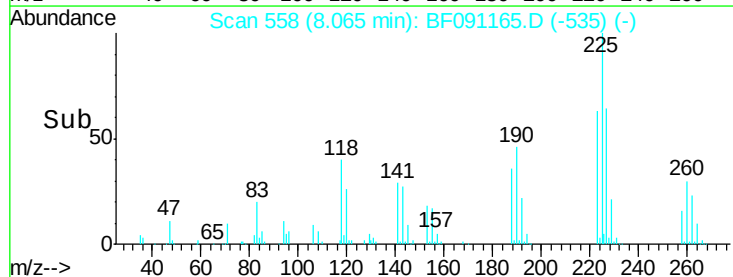


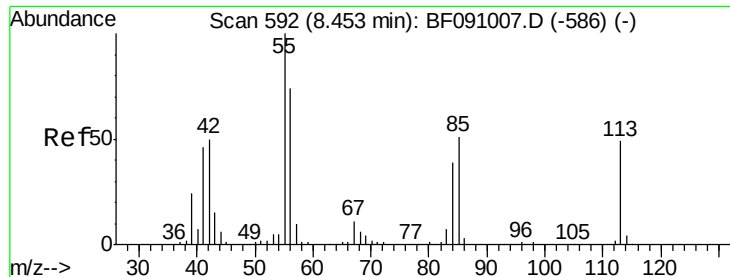
#34
 Hexachlorobutadiene
 Concen: 41.82 ng
 RT: 8.06 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion:	225	Resp:	246951
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6
227	64.0	50.1	75.1



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

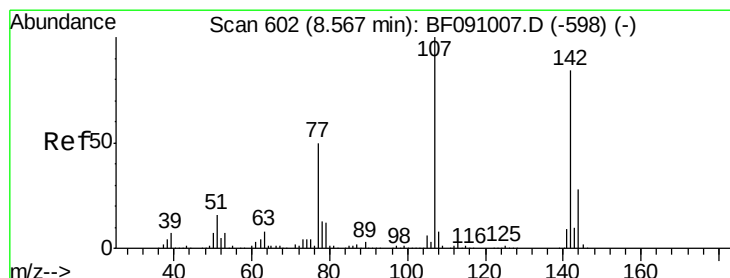
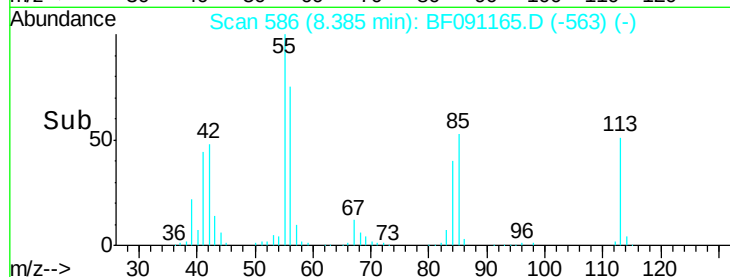
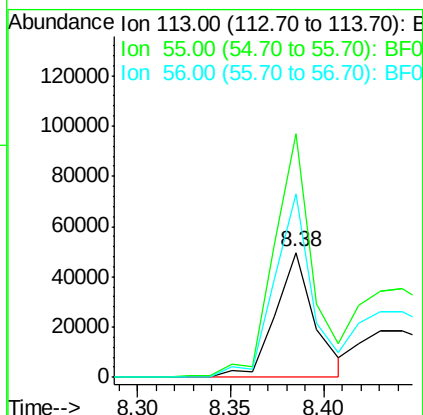
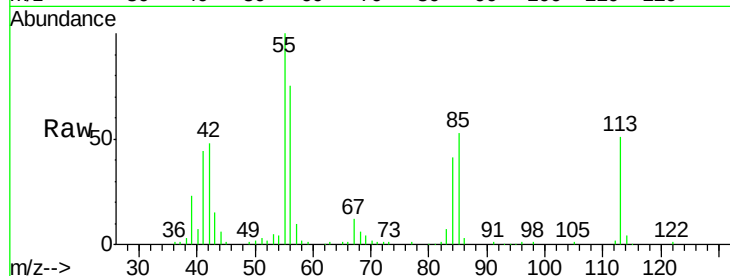




#35
 Caprolactam
 Concen: 23.54 ng
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

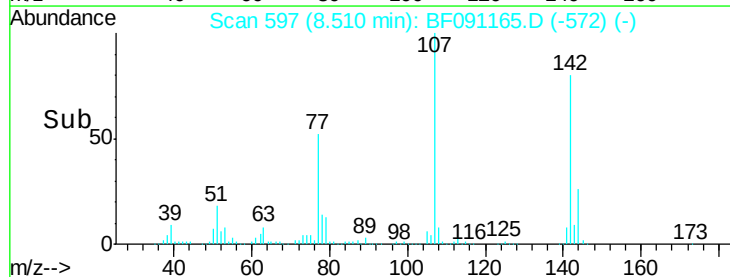
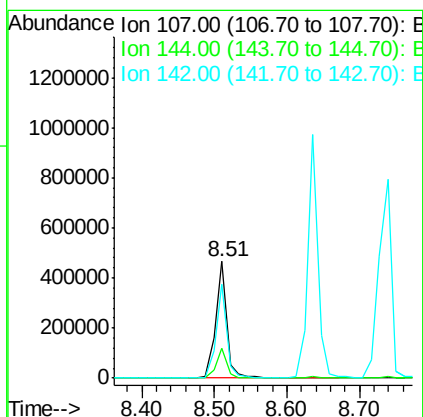
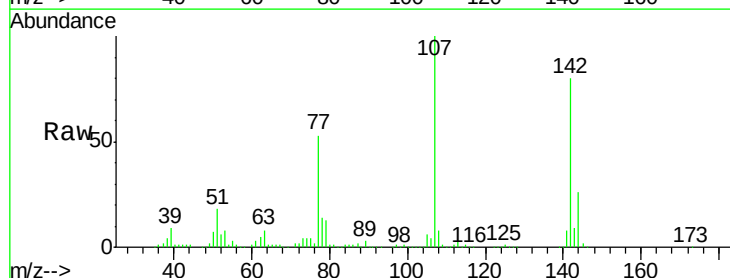
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

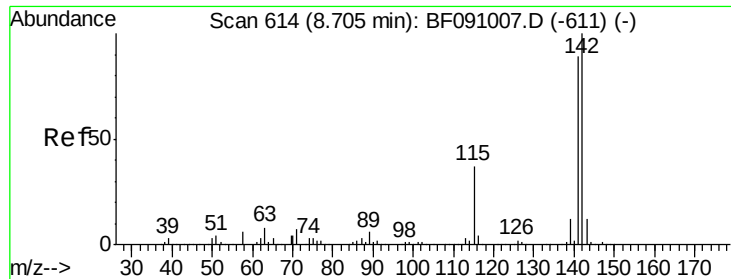
Tgt Ion:113 Resp: 71967
 Ion Ratio Lower Upper
 113 100
 55 195.0 184.1 224.1
 56 146.9 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.82 ng
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion:107 Resp: 504363
 Ion Ratio Lower Upper
 107 100
 144 26.0 22.5 33.7
 142 80.4 67.4 101.2

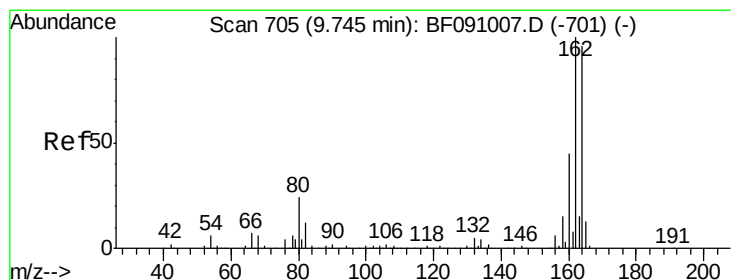
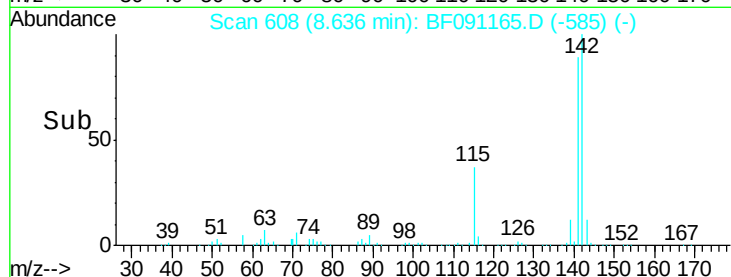
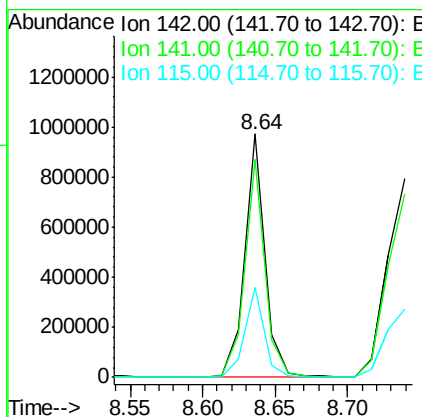
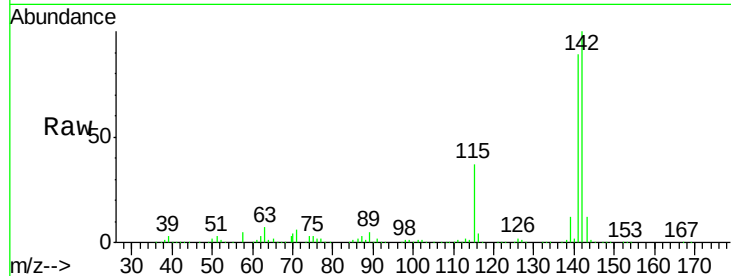




#37
2-Methylnaphthalene
Concen: 38.99 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

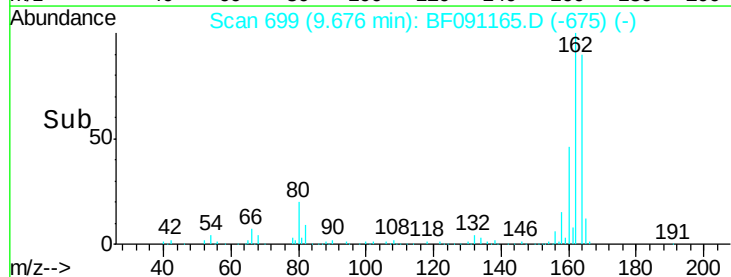
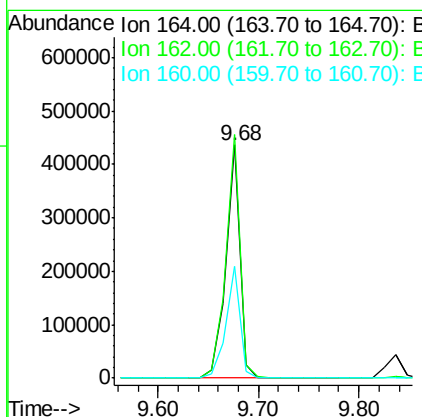
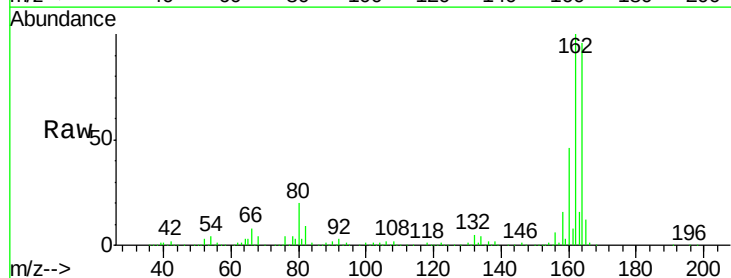
Instrument :
BNA_F
ClientSampleId :
PB94712BSD

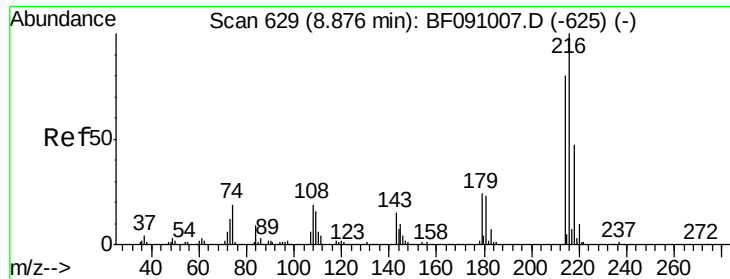
Tgt Ion:142 Resp: 943294
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 37.1 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion:164 Resp: 425859
Ion Ratio Lower Upper
164 100
162 104.6 83.6 125.4
160 48.1 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.35 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

Tgt Ion:216 Resp: 470674

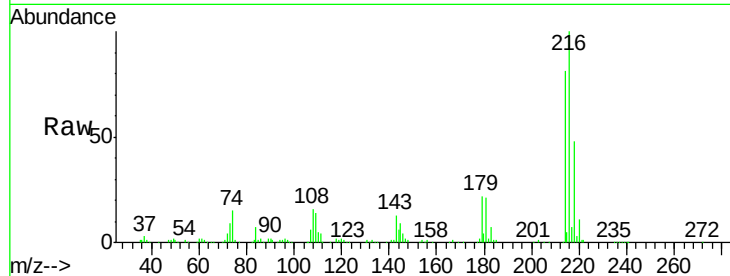
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 22.9 19.1 28.7

108 21.6 17.5 26.3

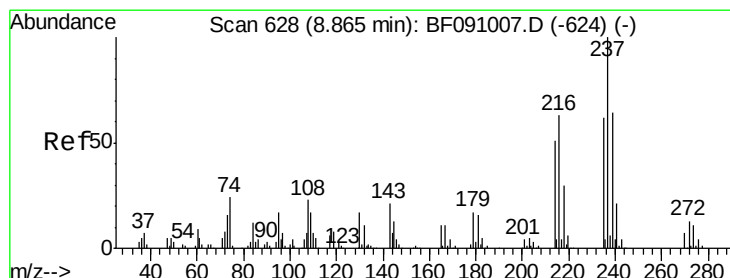
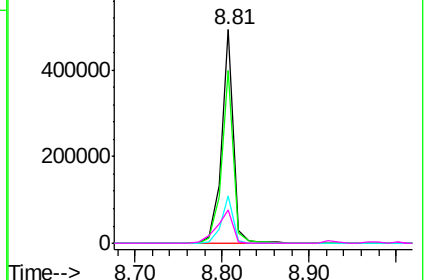
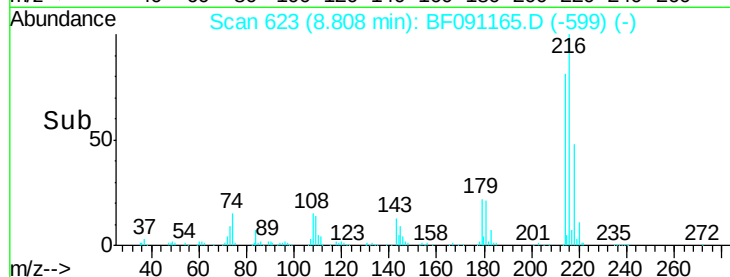


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.76 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

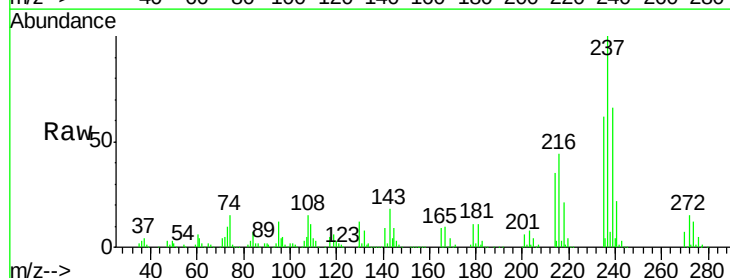
Tgt Ion:237 Resp: 368059

Ion Ratio Lower Upper

237 100

235 62.0 42.1 82.1

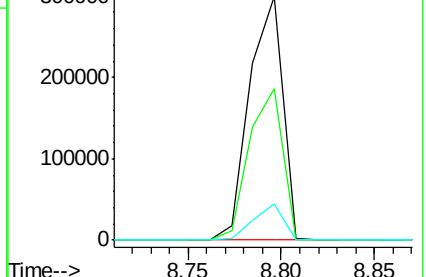
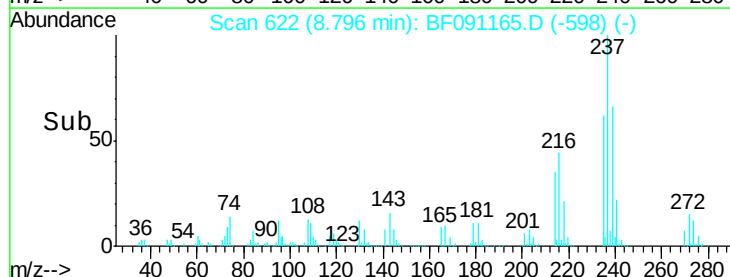
272 14.8 0.0 33.1

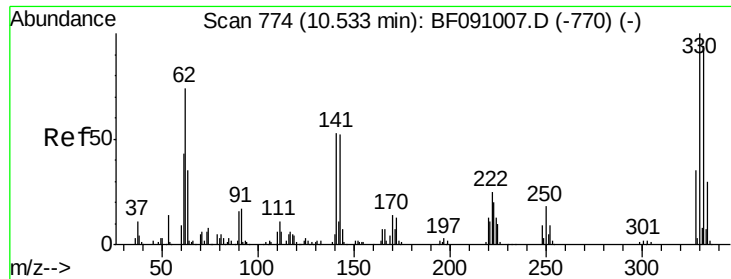


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

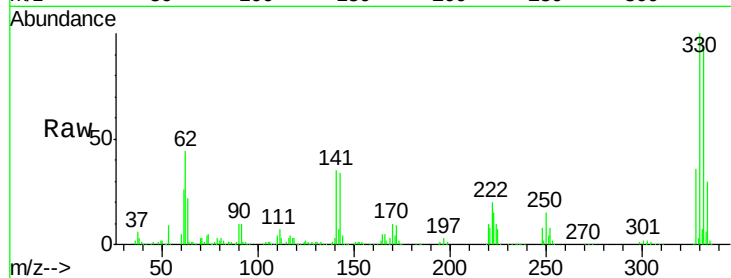




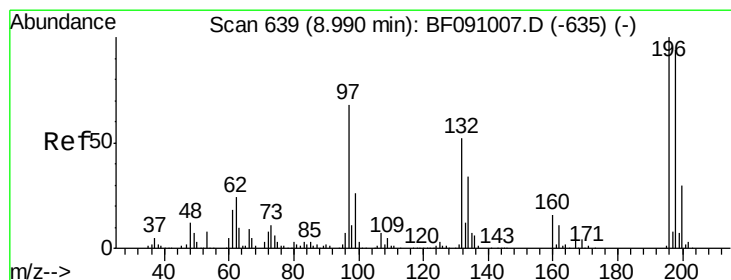
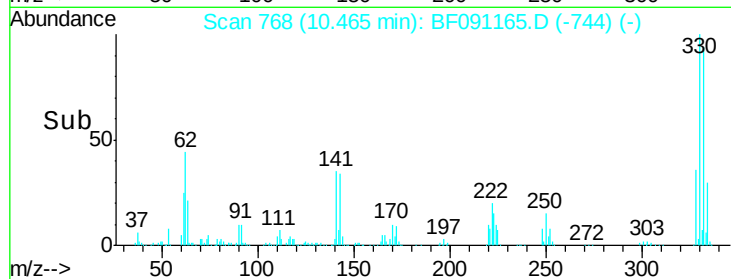
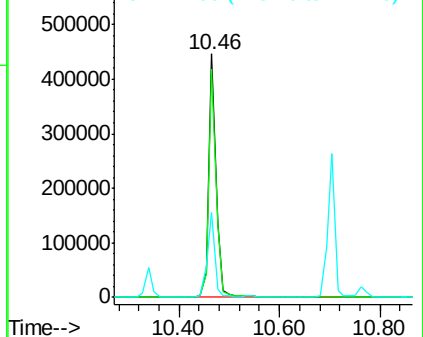
#41
 2,4,6-Tribromophenol
 Concen: 119.96 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Tgt Ion:330 Resp: 461831
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.9 113.9
 141 36.0 36.1 54.1#

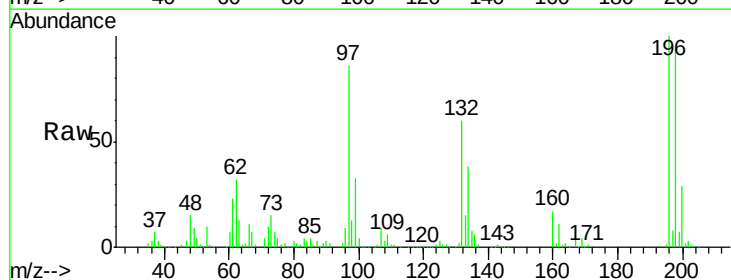


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

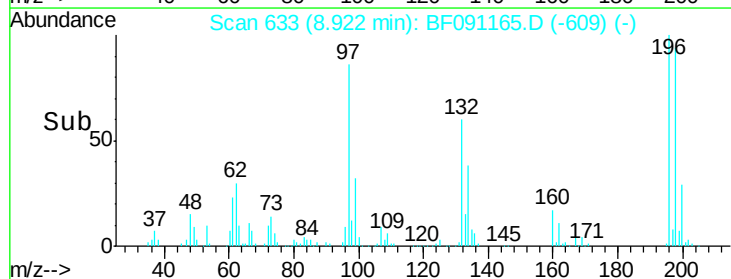
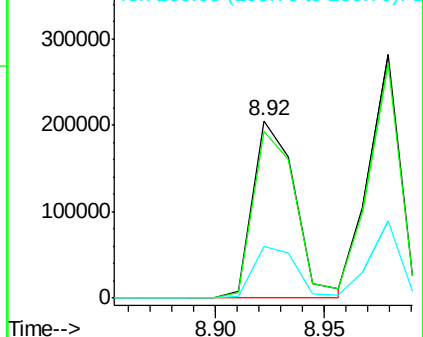


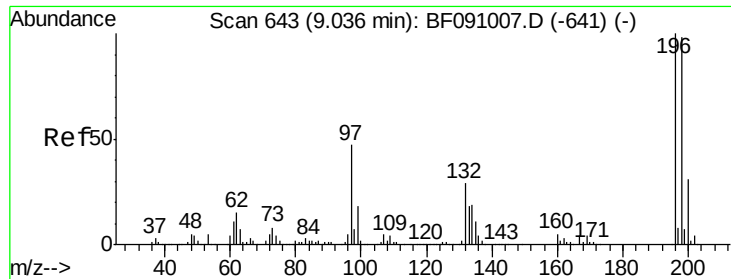
#42
 2,4,6-Trichlorophenol
 Concen: 39.56 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion:196 Resp: 277252
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.4 113.0
 200 29.4 24.1 36.1



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

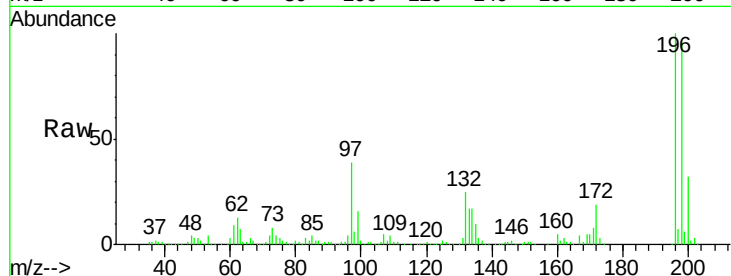




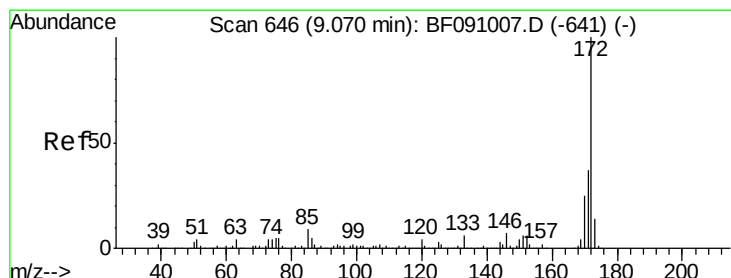
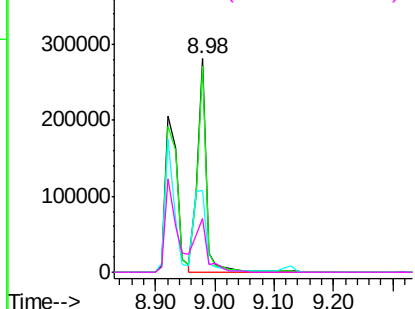
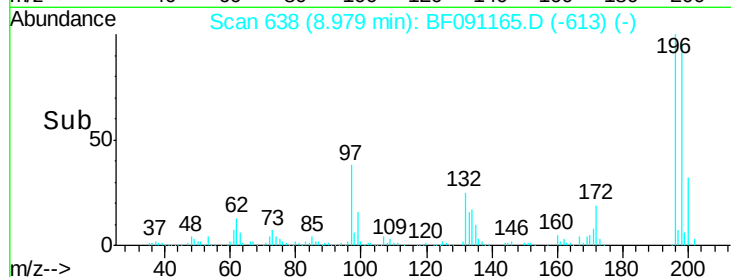
#43
 2,4,5-Trichlorophenol
 Concen: 41.65 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.2	117.4
97	38.7	38.8	58.2#
132	25.3	23.5	35.3

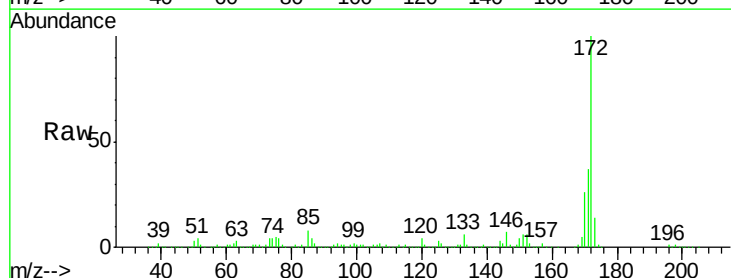


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

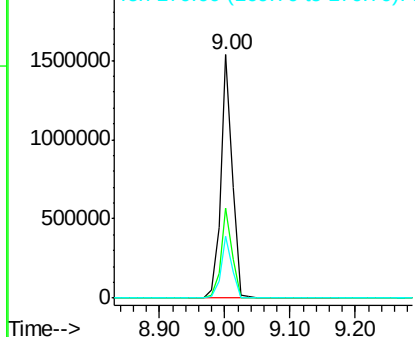
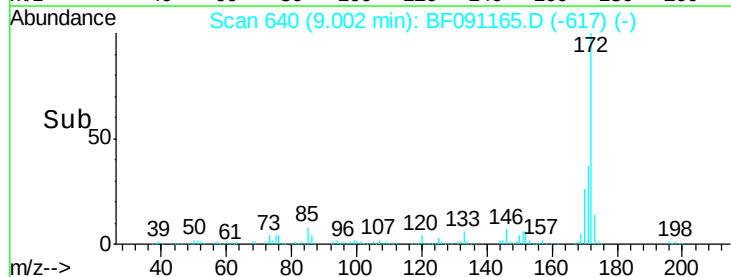


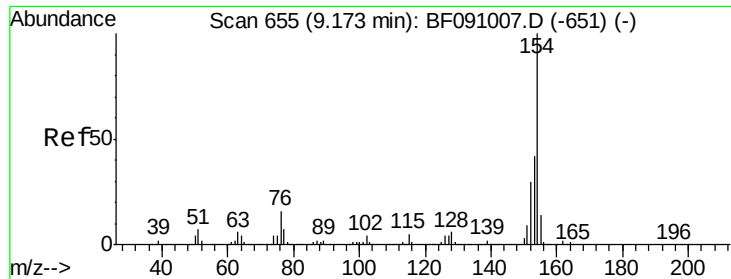
#44
 2-Fluorobiphenyl
 Concen: 76.74 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.5	20.3	30.5



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

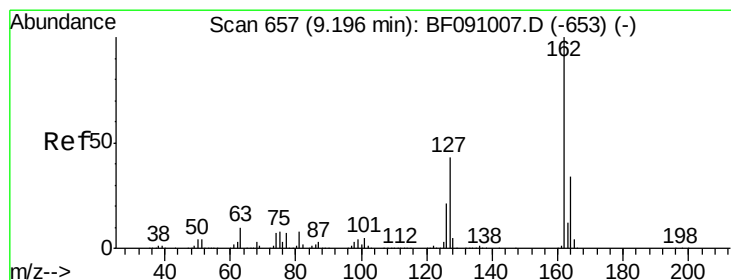
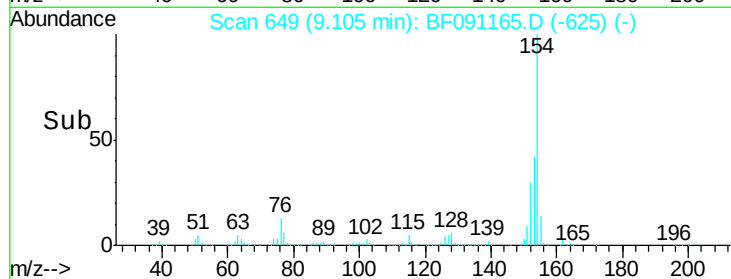
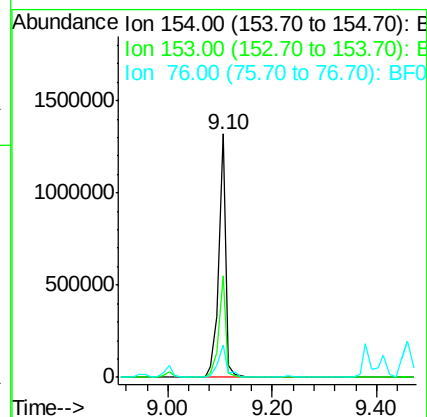
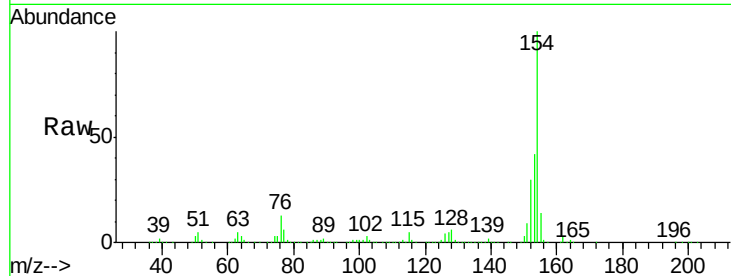




#45
 1,1'-Biphenyl
 Concen: 40.00 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

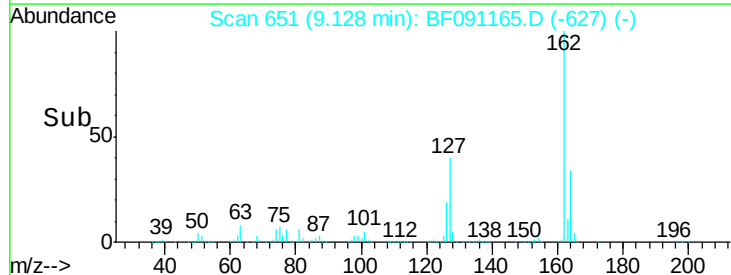
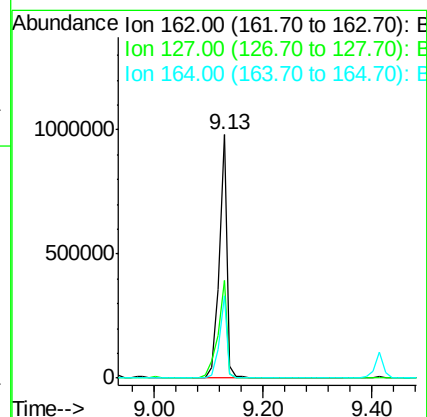
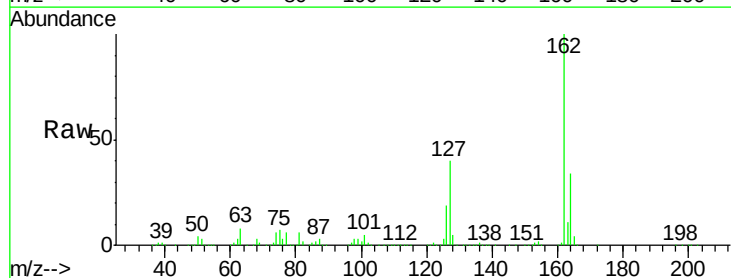
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

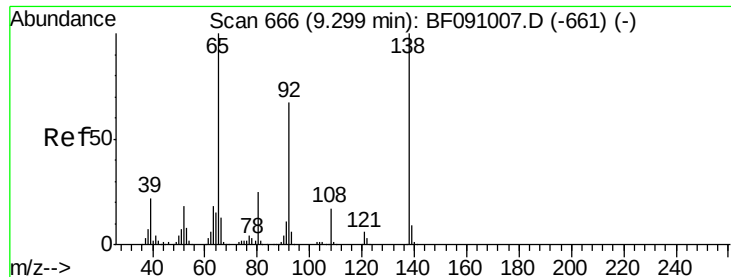
Tgt Ion:154 Resp: 1243758
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.6 61.6
 76 13.4 0.0 36.2



#46
 2-Chloronaphthalene
 Concen: 42.33 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion:162 Resp: 999294
 Ion Ratio Lower Upper
 162 100
 127 40.2 34.7 52.1
 164 33.8 27.0 40.4





#47

2-Nitroaniline

Concen: 36.37 ng

RT: 9.23 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

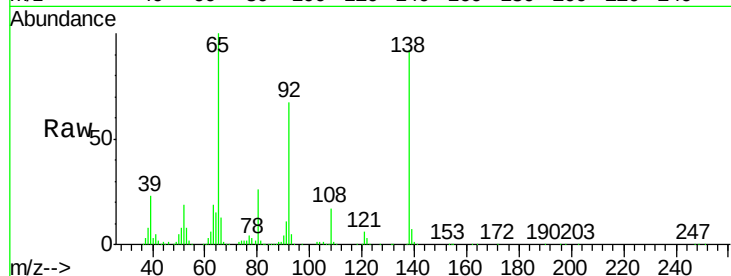
Tgt Ion: 65 Resp: 318685

Ion Ratio Lower Upper

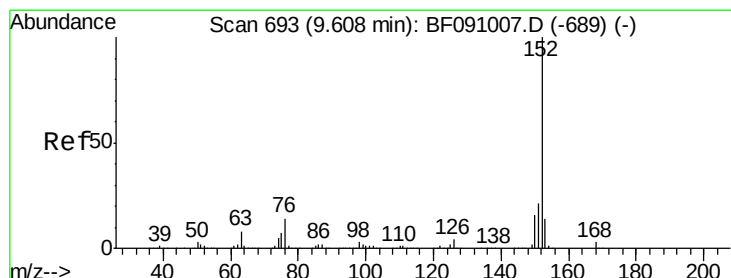
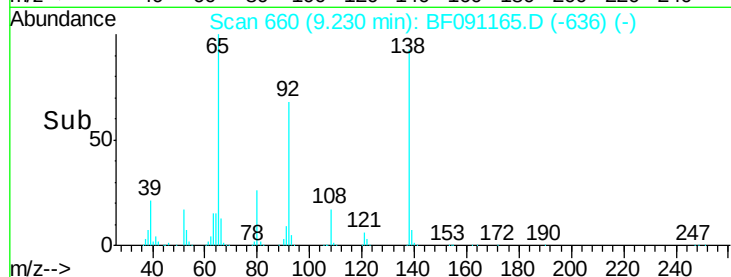
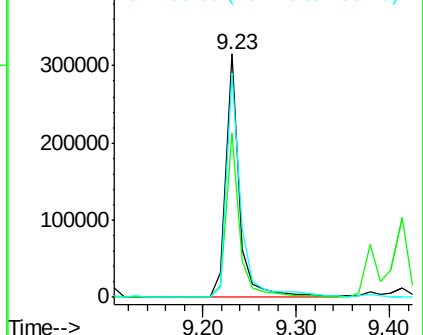
65 100

92 67.2 53.9 80.9

138 92.1 80.1 120.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.88 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

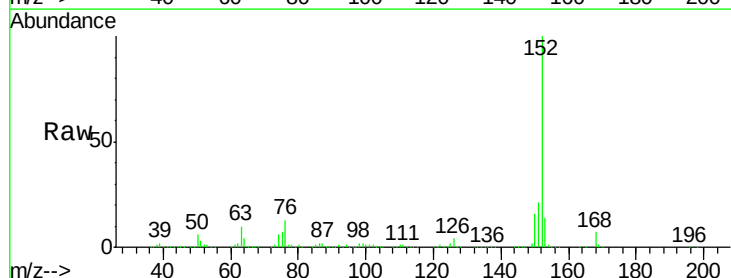
Tgt Ion: 152 Resp: 1467266

Ion Ratio Lower Upper

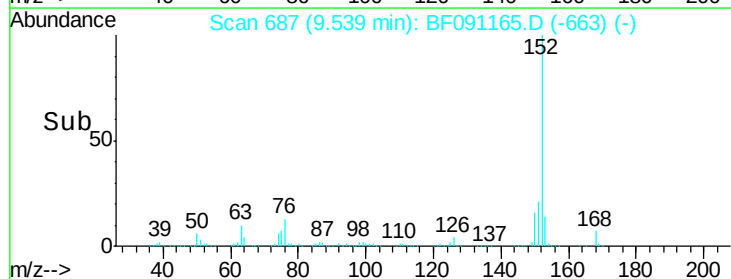
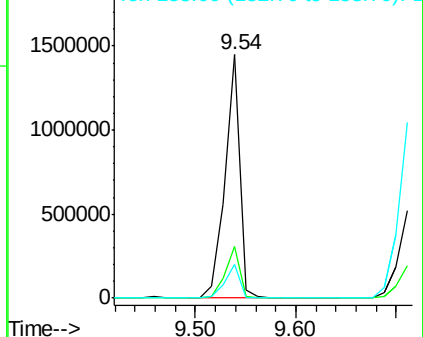
152 100

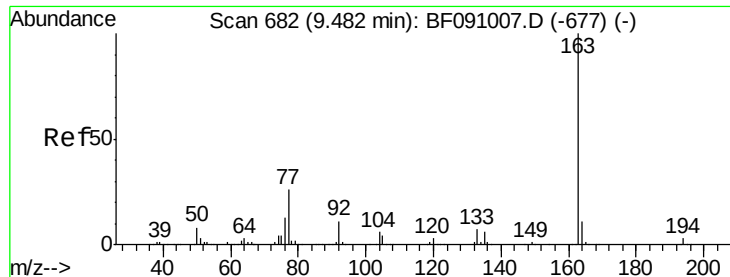
151 21.2 16.7 25.1

153 13.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.57 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

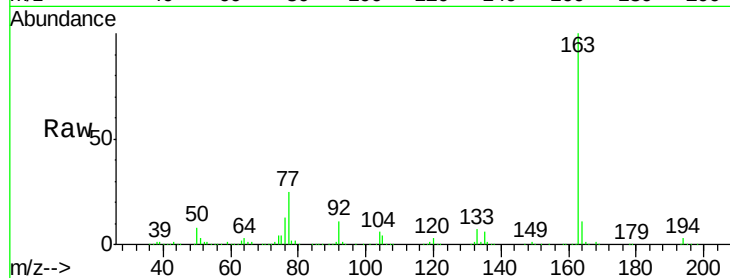
Tgt Ion:163 Resp: 1077191

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

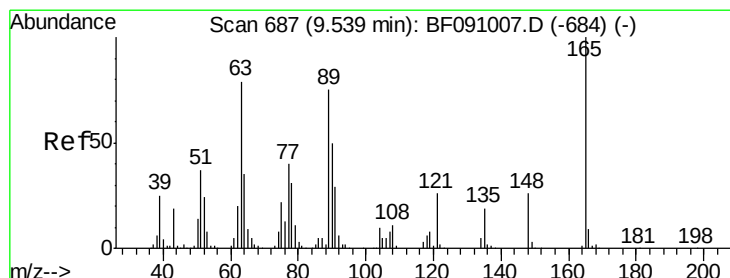
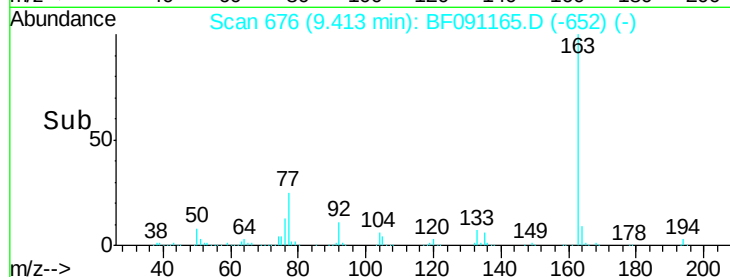
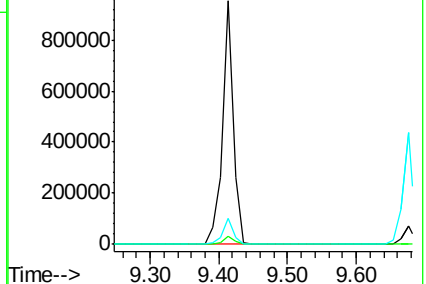
164 10.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.84 ng

RT: 9.48 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

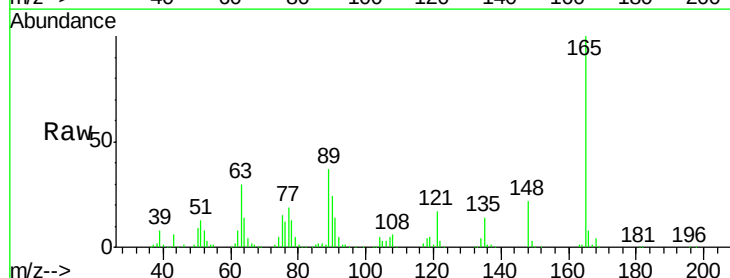
Tgt Ion:165 Resp: 250381

Ion Ratio Lower Upper

165 100

63 30.3 65.6 98.4#

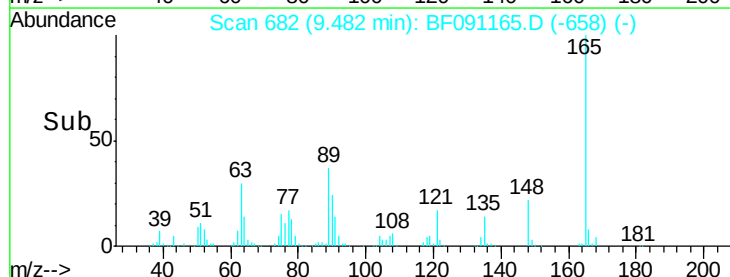
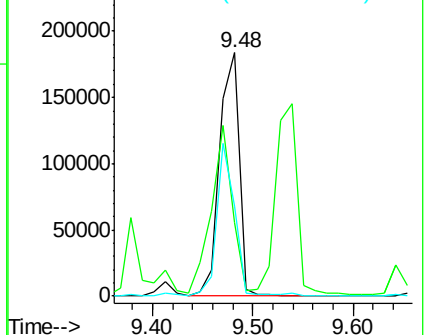
89 37.0 59.8 89.6#

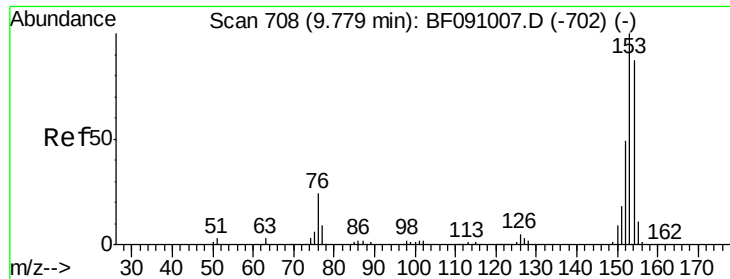


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.64 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

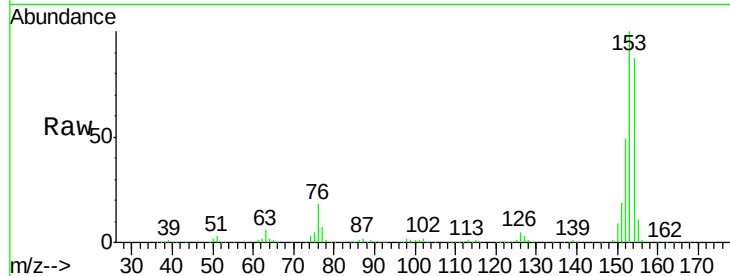
Tgt Ion:154 Resp: 915678

Ion Ratio Lower Upper

154 100

153 114.7 91.6 137.4

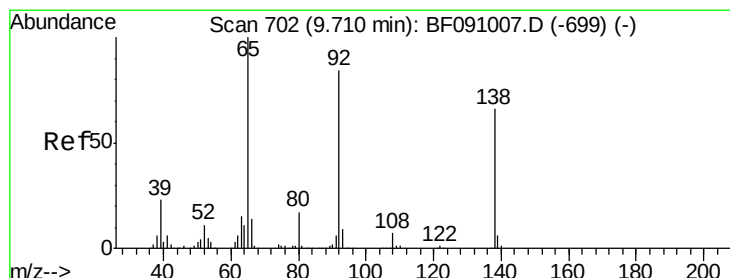
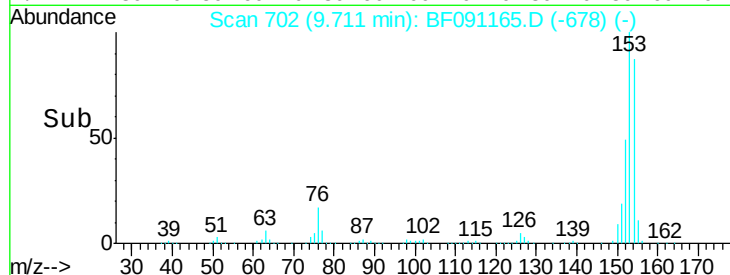
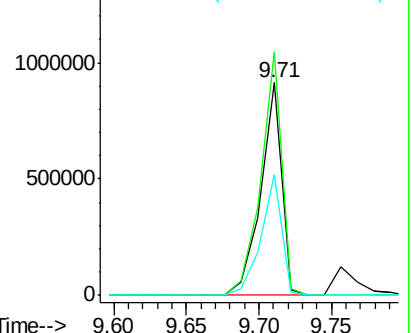
152 56.7 44.6 67.0



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: 19.11 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

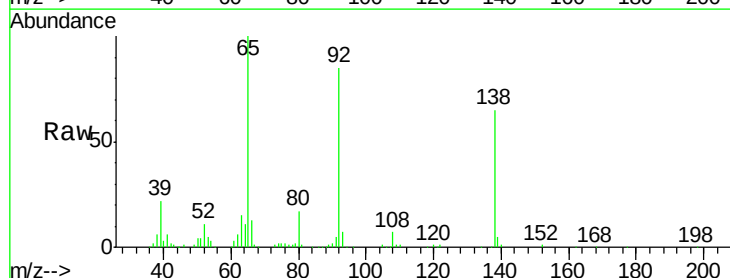
Tgt Ion:138 Resp: 135583

Ion Ratio Lower Upper

138 100

108 10.3 8.4 12.6

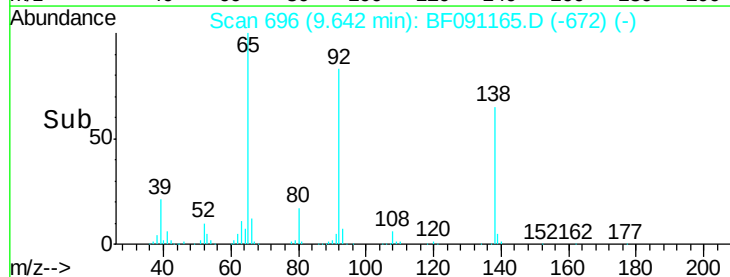
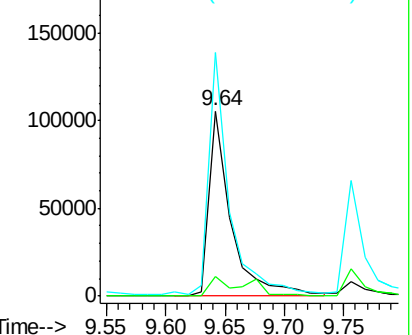
92 131.6 101.1 151.7

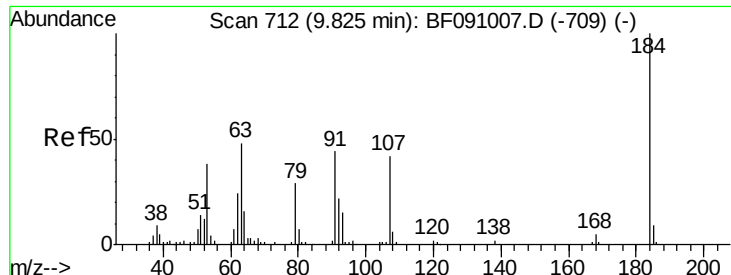


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

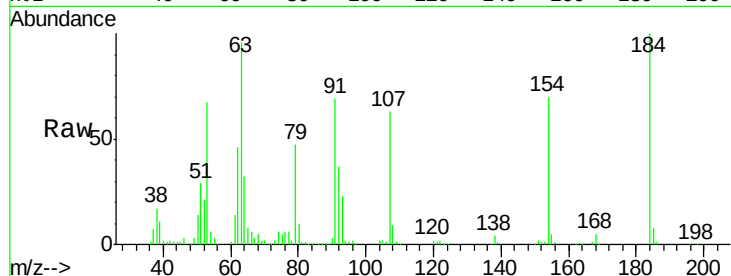




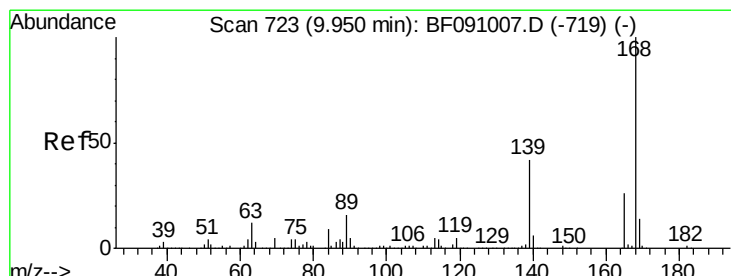
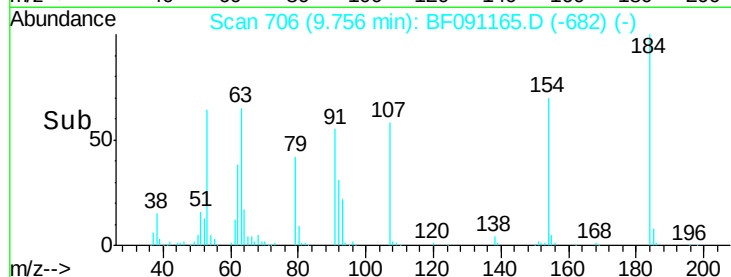
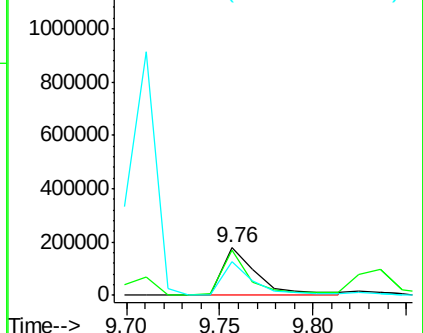
#53
 2,4-Dinitrophenol
 Concen: 71.83 ng
 RT: 9.76 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Tgt Ion:184 Resp: 231888
 Ion Ratio Lower Upper
 184 100
 63 96.3 45.5 68.3#
 154 70.1 51.0 76.4

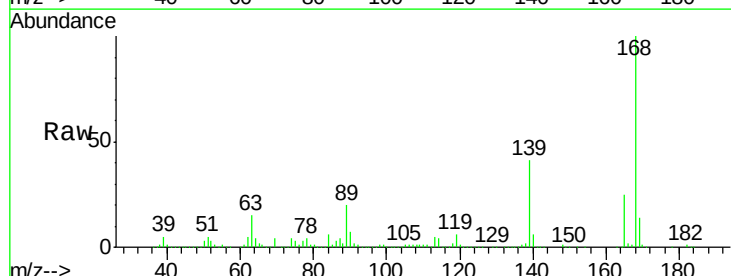


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

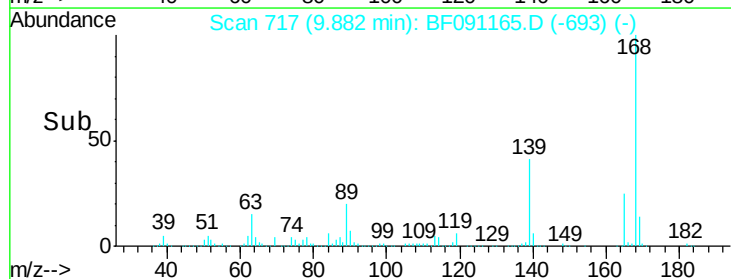
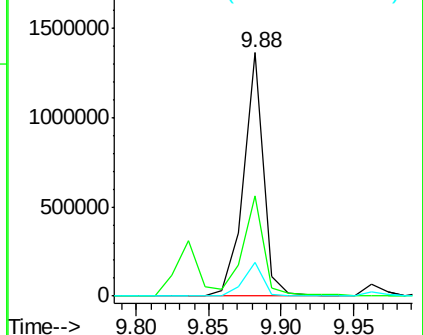


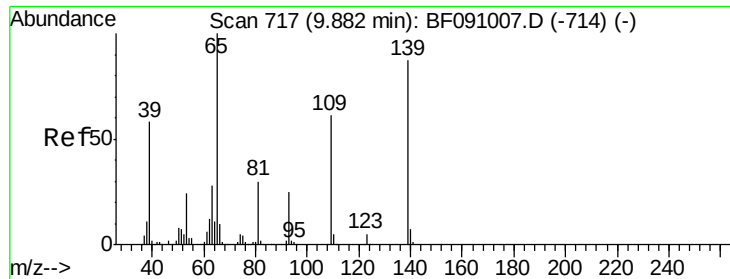
#54
 Dibenzofuran
 Concen: 41.36 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion:168 Resp: 1286052
 Ion Ratio Lower Upper
 168 100
 139 40.9 34.8 52.2
 169 13.9 11.4 17.2



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

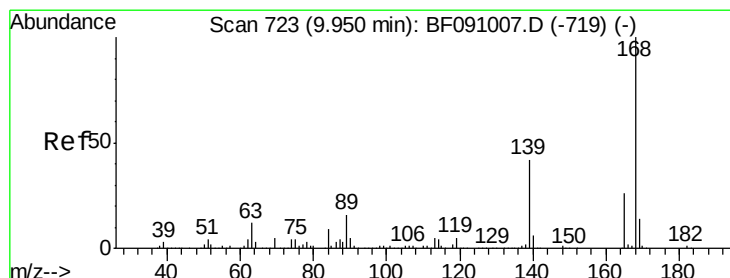
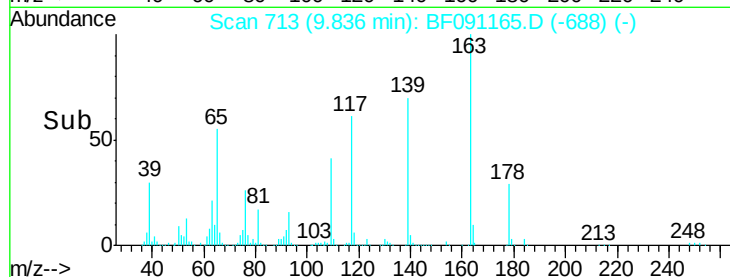
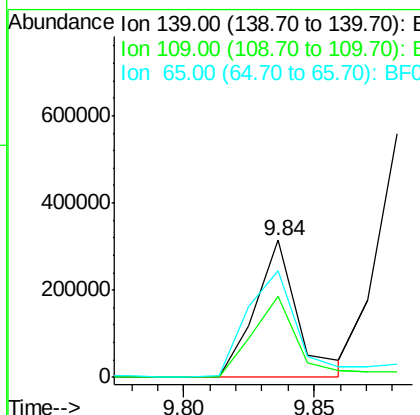
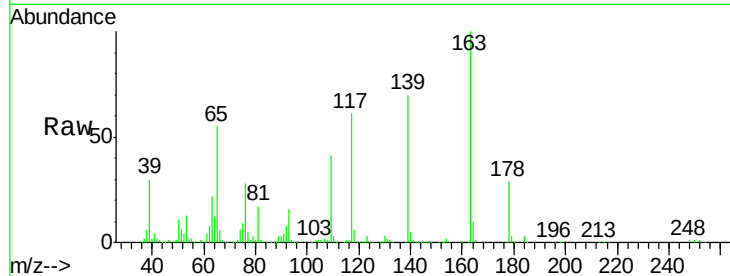




#55
4-Nitrophenol
Concen: 75.71 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

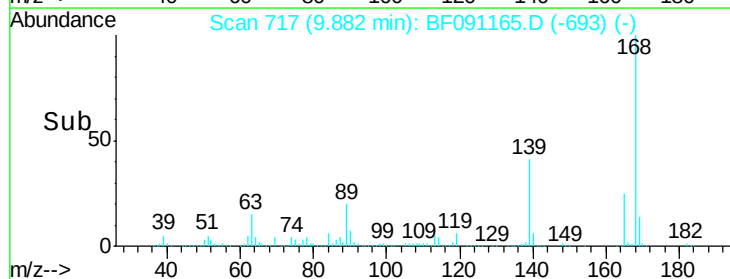
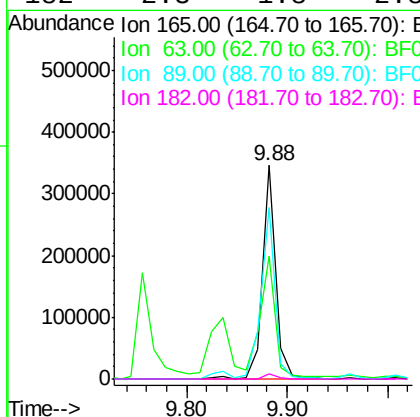
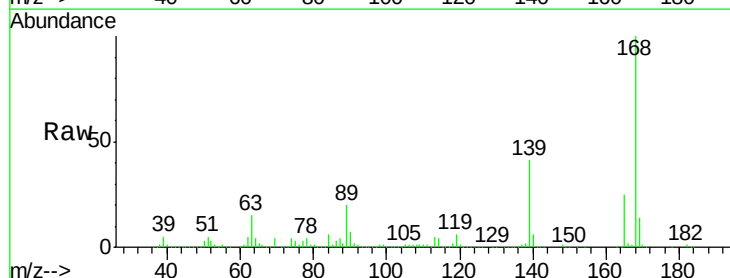
Instrument :
BNA_F
ClientSampleId :
PB94712BSD

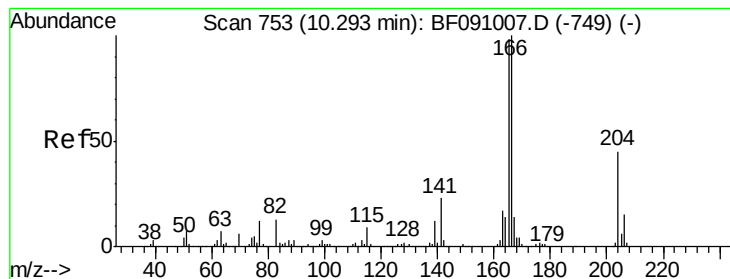
Tgt Ion:139 Resp: 356276
Ion Ratio Lower Upper
139 100
109 59.0 50.5 90.5
65 78.0 97.1 137.1#



#56
2,4-Dinitrotoluene
Concen: 41.90 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion:165 Resp: 319021
Ion Ratio Lower Upper
165 100
63 57.7 38.7 58.1
89 80.5 50.6 76.0#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 43.30 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

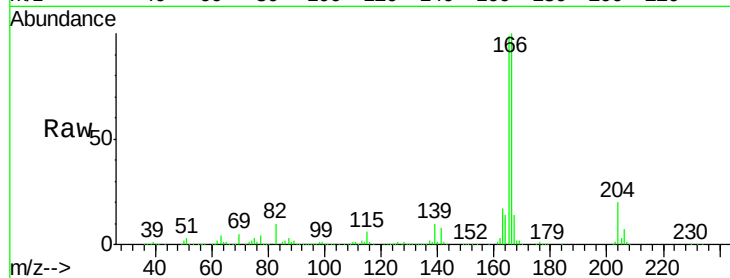
Tgt Ion:166 Resp: 1100612

Ion Ratio Lower Upper

166 100

165 99.2 78.6 118.0

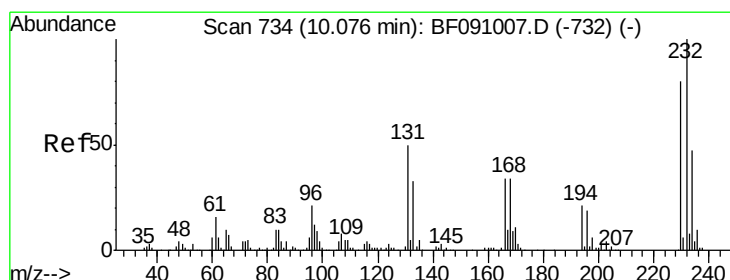
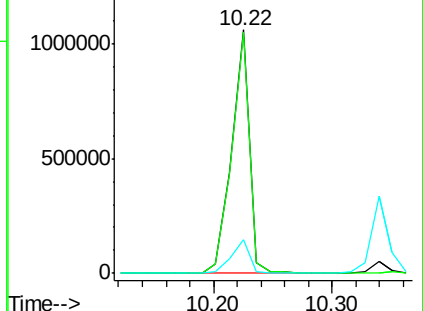
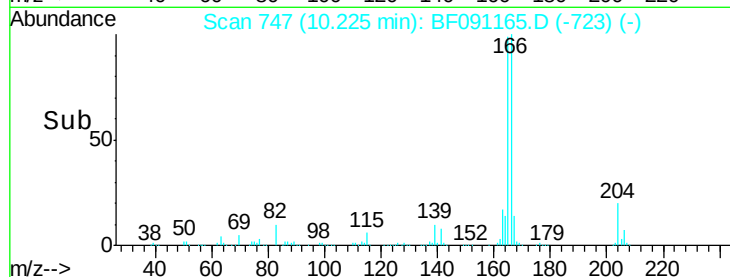
167 13.6 11.1 16.7



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: 48.42 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Tgt Ion:232 Resp: 279180

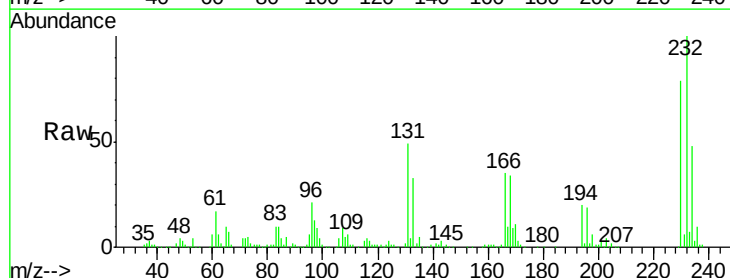
Ion Ratio Lower Upper

232 100

131 50.6 43.6 65.4

130 2.5 2.0 3.0

166 32.9 27.4 41.2

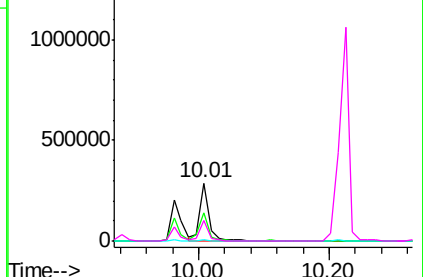
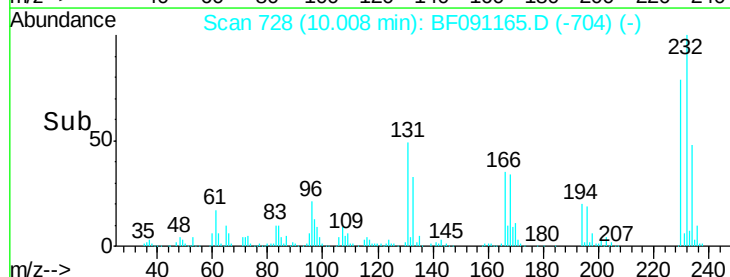


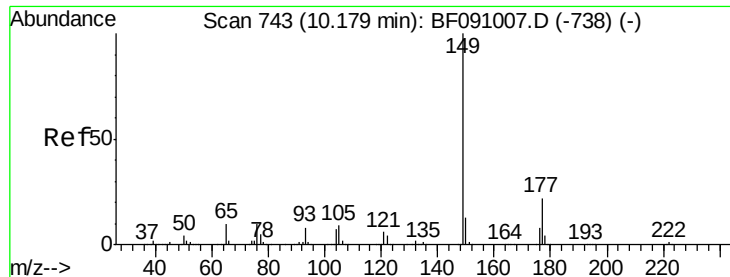
Abundance Ion 232.00 (231.70 to 232.70): E

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

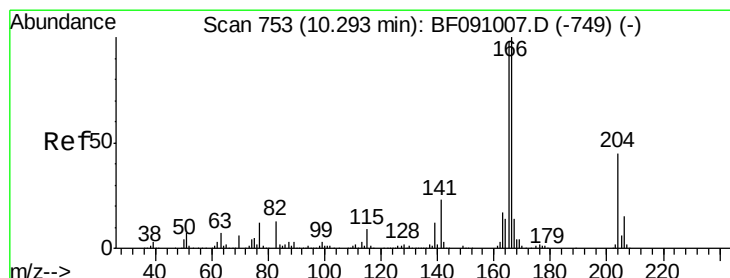
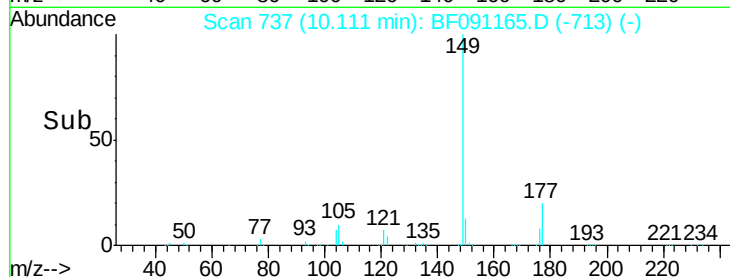
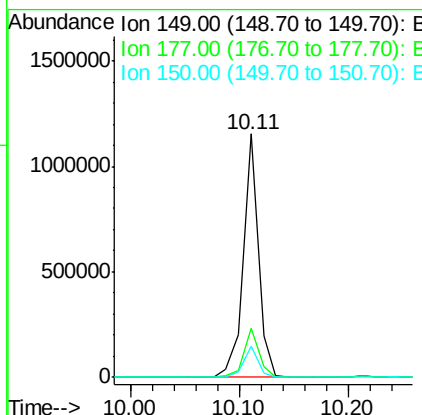
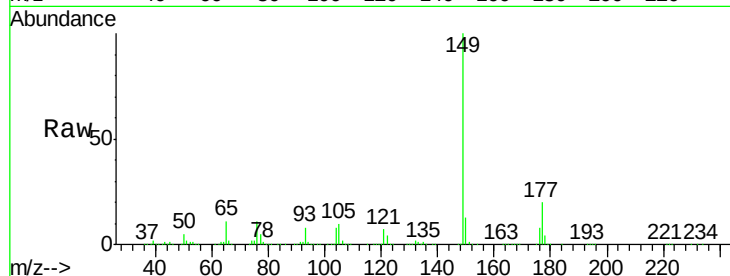




#59
Diethylphthalate
Concen: 38.64 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

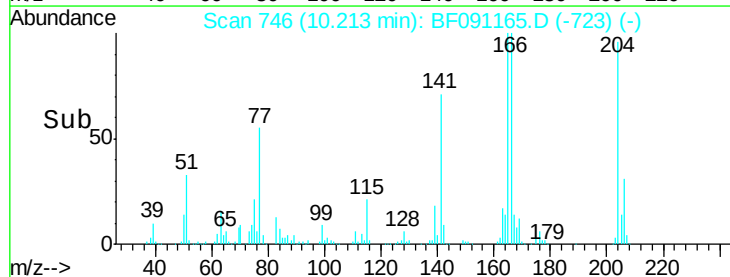
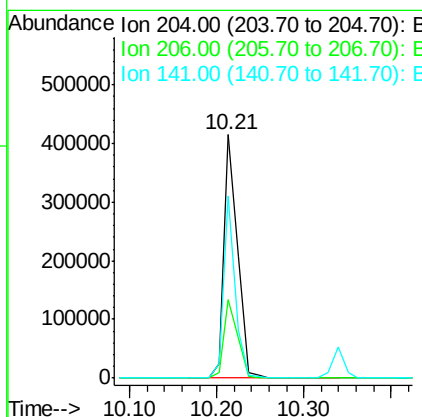
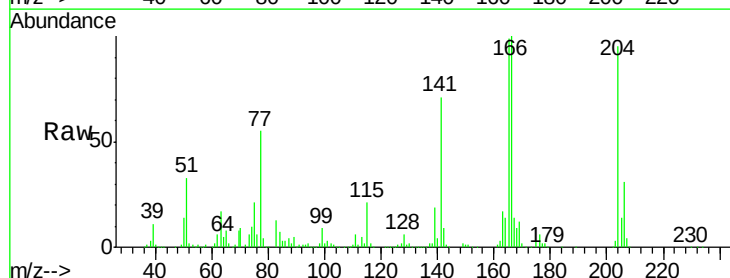
Instrument :
BNA_F
ClientSampleId :
PB94712BSD

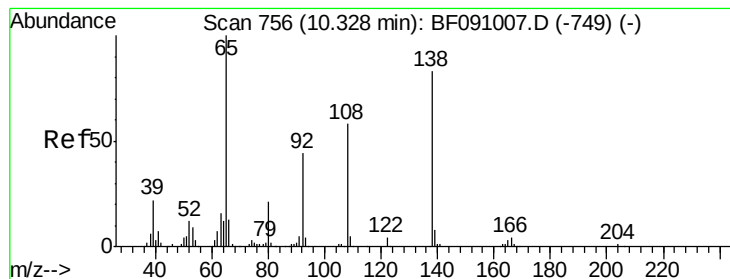
Tgt Ion:149 Resp: 1106338
Ion Ratio Lower Upper
149 100
177 20.4 17.3 25.9
150 13.0 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 39.54 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion:204 Resp: 457344
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 74.9 40.1 60.1#





#61

4-Nitroaniline

Concen: 35.73 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

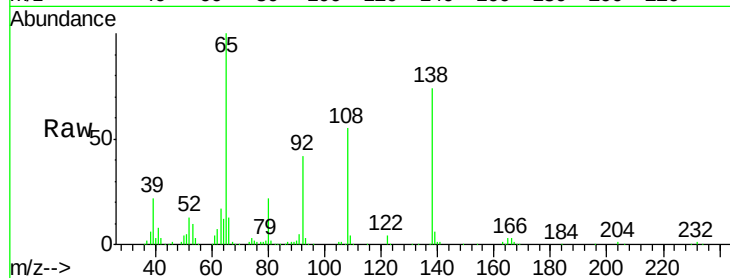
Tgt Ion:138 Resp: 256483

Ion Ratio Lower Upper

138 100

92 57.1 32.5 72.5

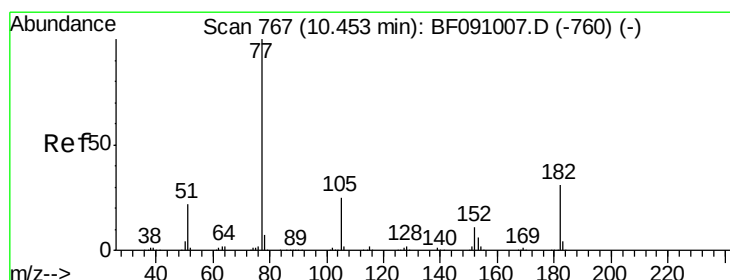
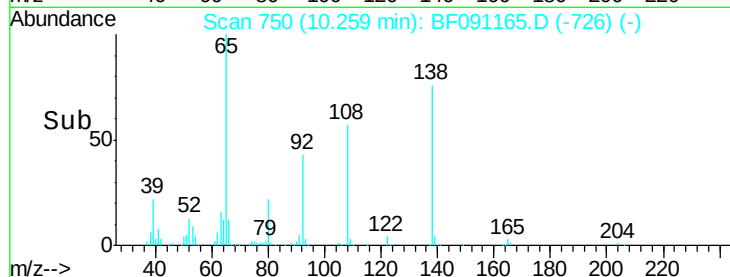
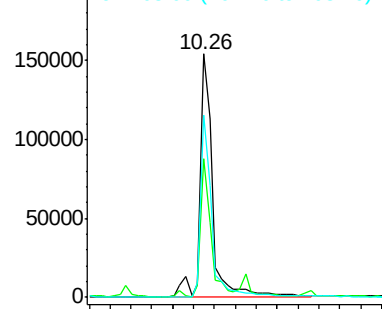
108 74.8 49.4 89.4



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: 37.49 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Tgt Ion: 77 Resp: 1263575

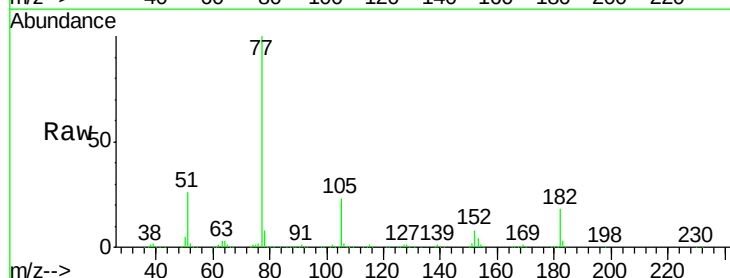
Ion Ratio Lower Upper

77 100

182 17.7 11.0 51.0

105 22.9 5.6 45.6

51 26.4 2.7 42.7

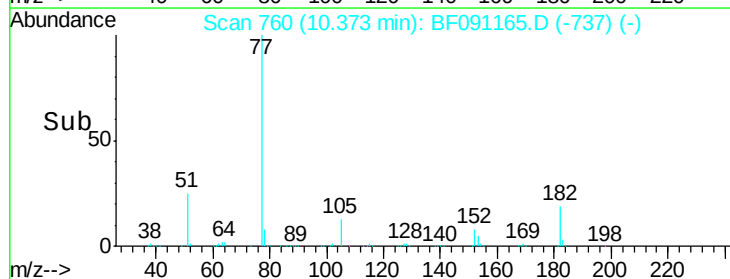
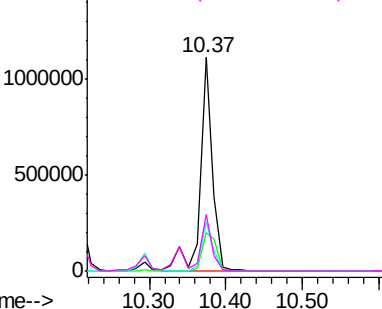


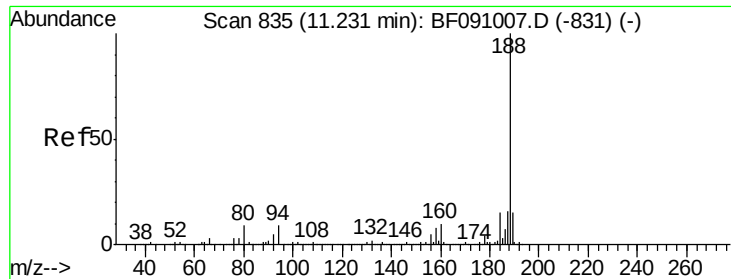
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

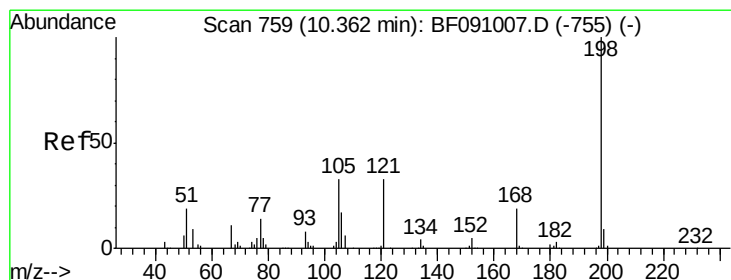
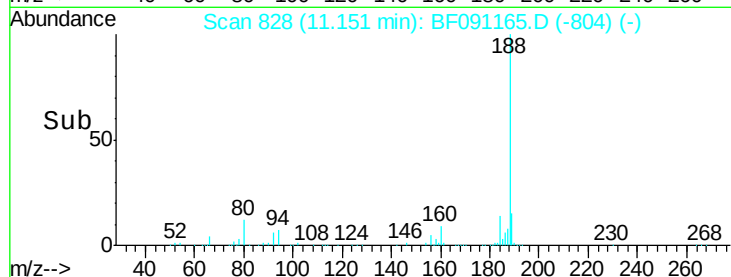
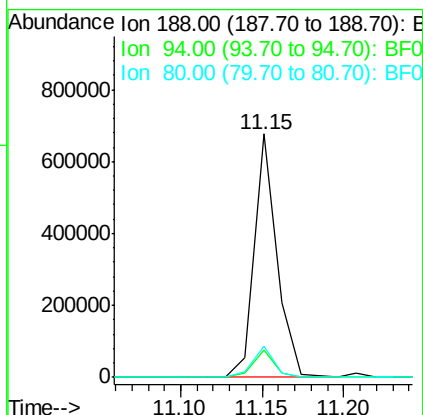
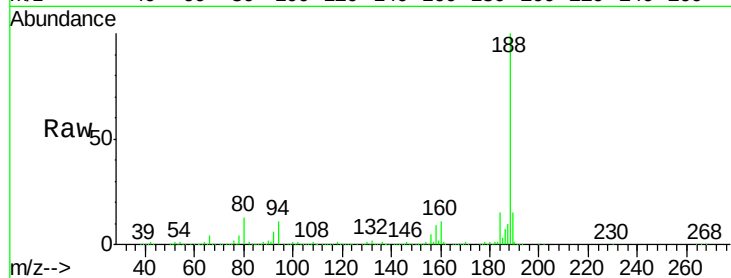




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

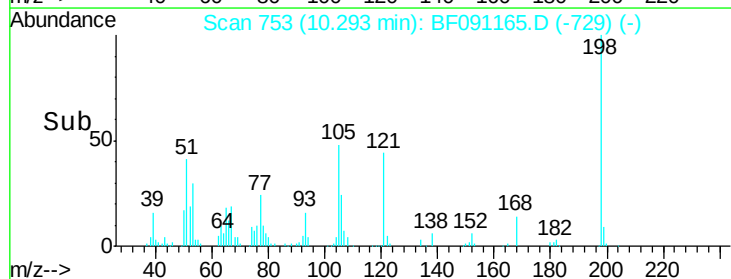
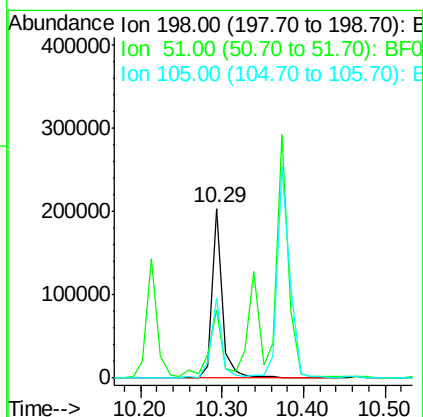
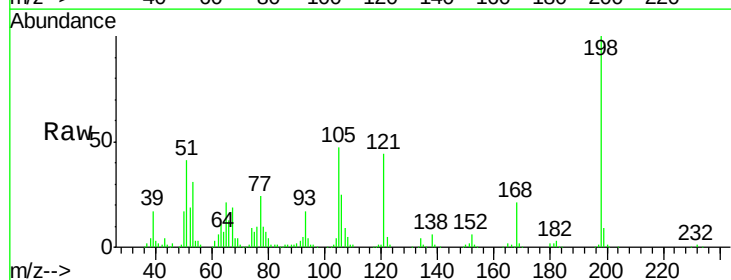
Instrument :
BNA_F
ClientSampleId :
PB94712BSD

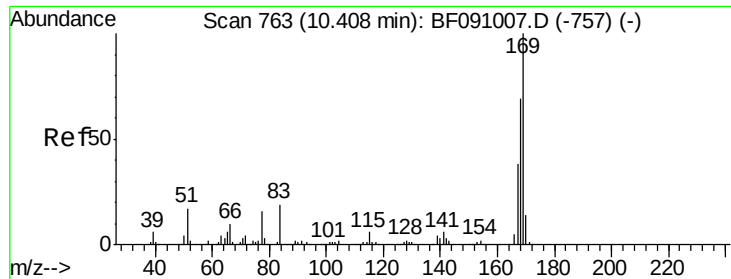
Tgt Ion:188 Resp: 656501
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.4#
80 12.9 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.38 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion:198 Resp: 186463
Ion Ratio Lower Upper
198 100
51 40.5 5.9 45.9
105 47.2 13.8 53.8

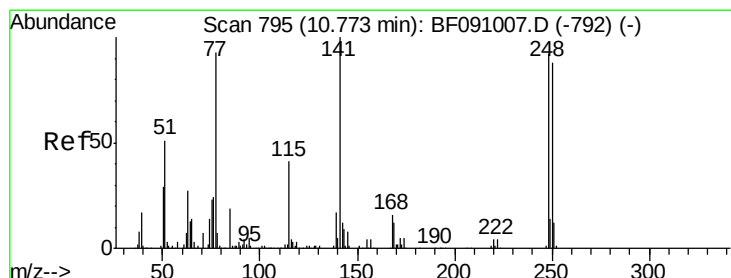
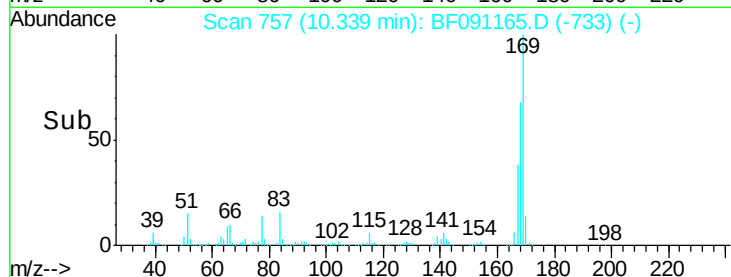
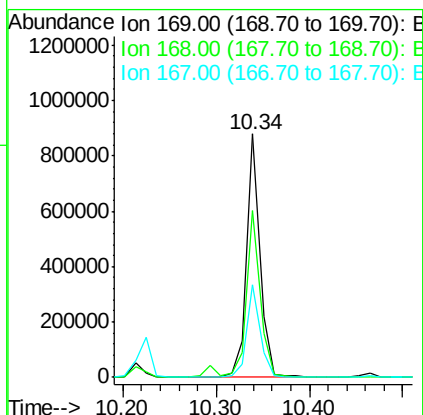
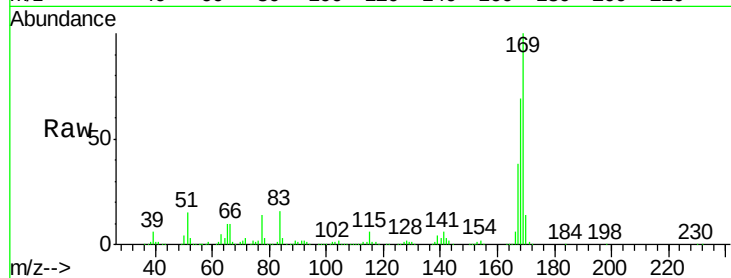




#65
n-Nitrosodiphenylamine
Concen: 42.05 ng
RT: 10.34 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

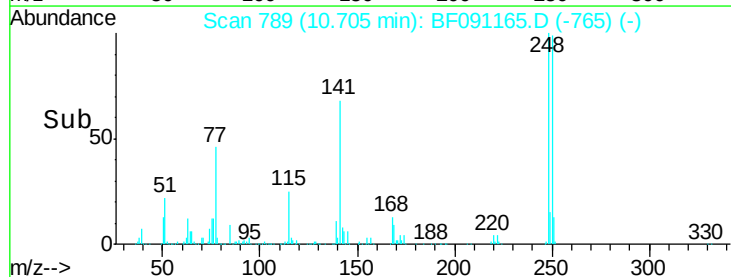
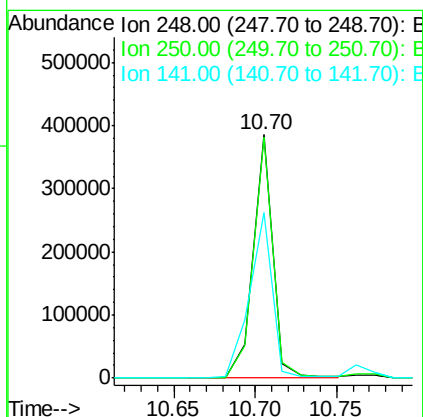
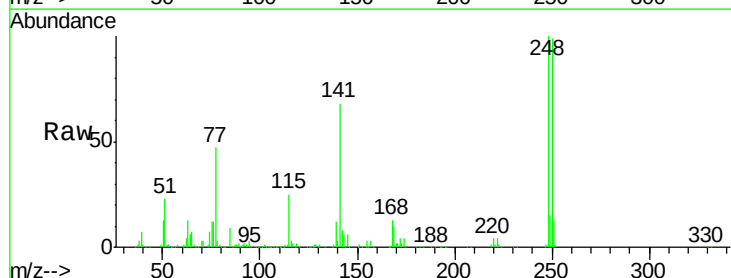
Instrument :
BNA_F
ClientSampleId :
PB94712BSD

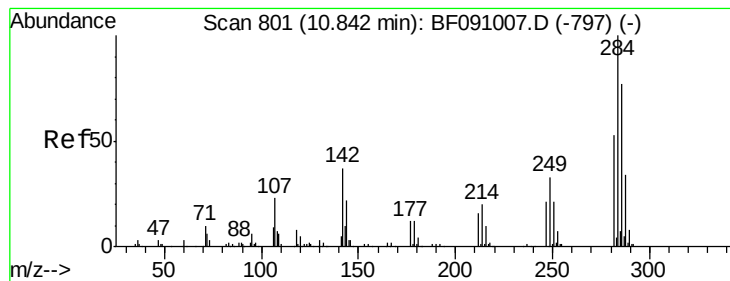
Tgt Ion:169 Resp: 877360
Ion Ratio Lower Upper
169 100
168 68.6 55.3 82.9
167 38.1 30.3 45.5



#66
4-Bromophenyl-phenylether
Concen: 47.43 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion:248 Resp: 323854
Ion Ratio Lower Upper
248 100
250 99.0 76.3 114.5
141 68.1 86.8 130.2#





#67

Hexachlorobenzene

Concen: 46.45 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

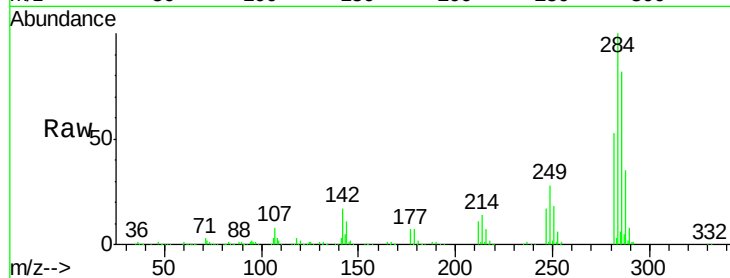
Tgt Ion:284 Resp: 349860

Ion Ratio Lower Upper

284 100

142 17.5 29.9 44.9#

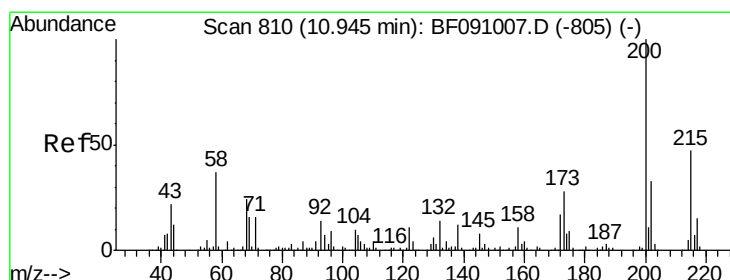
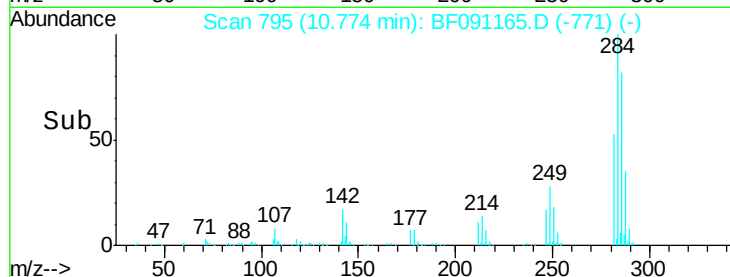
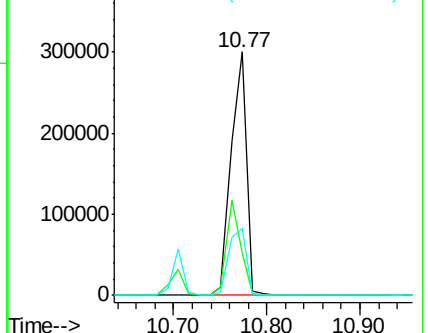
249 27.6 26.6 39.8



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: 50.09 ng

RT: 10.88 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

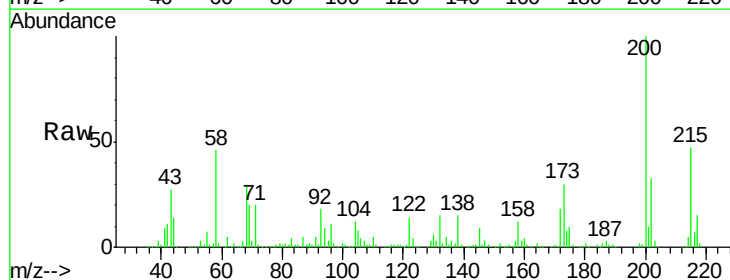
Tgt Ion:200 Resp: 301511

Ion Ratio Lower Upper

200 100

173 29.6 8.1 48.1

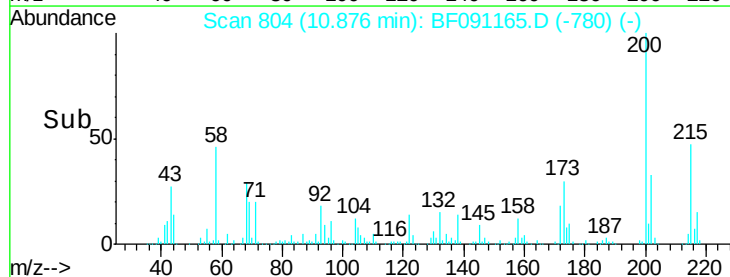
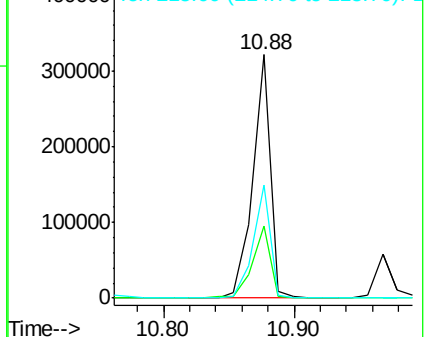
215 46.6 27.3 67.3

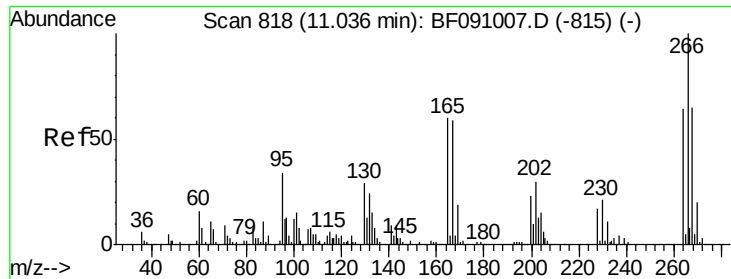


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

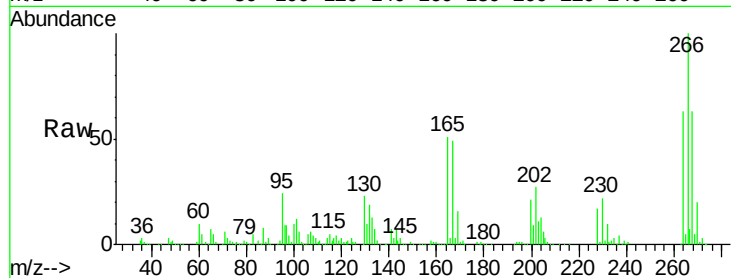




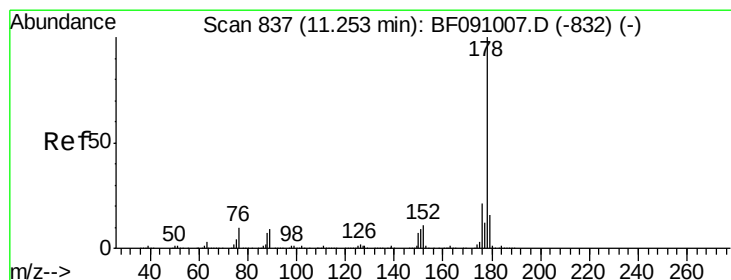
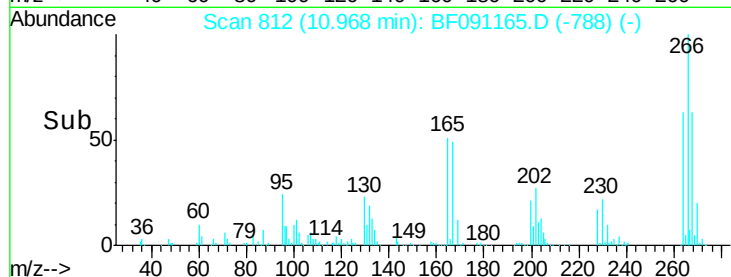
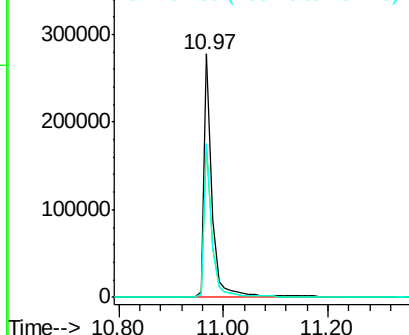
#69
 Pentachlorophenol
 Concen: 91.73 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Tgt Ion:266 Resp: 305991
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.1 78.1
 264 63.1 51.1 76.7

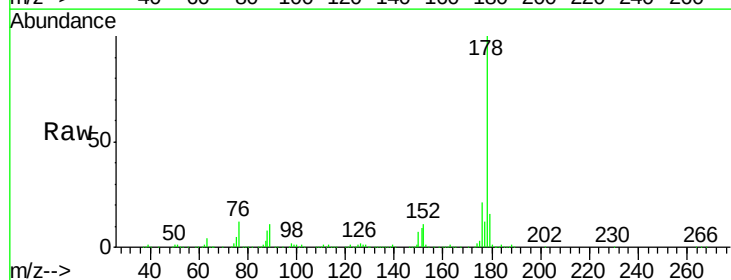


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

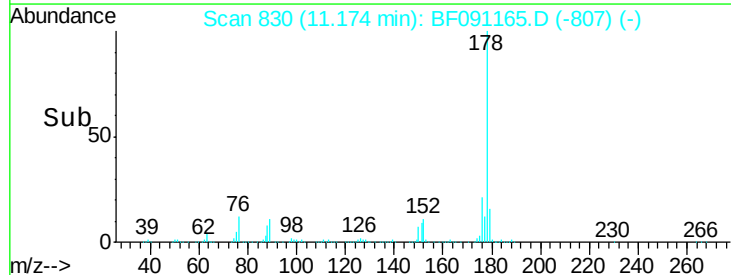
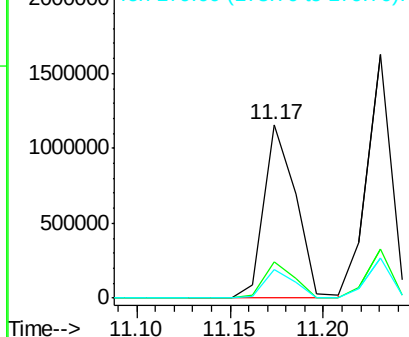


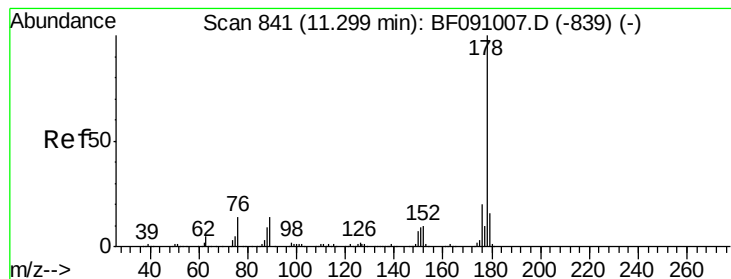
#70
 Phenanthrene
 Concen: 39.15 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion:178 Resp: 1366255
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.6 25.0
 179 16.5 12.9 19.3



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





#71

Anthracene

Concen: 40.62 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

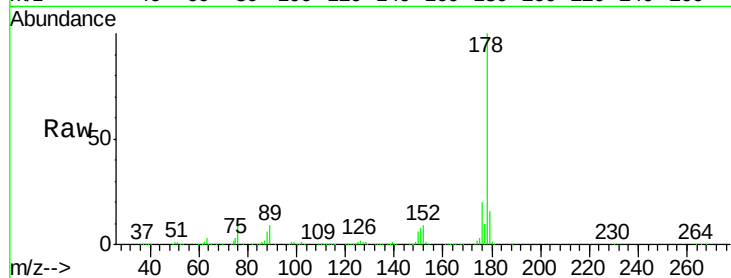
Tgt Ion:178 Resp: 1507156

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

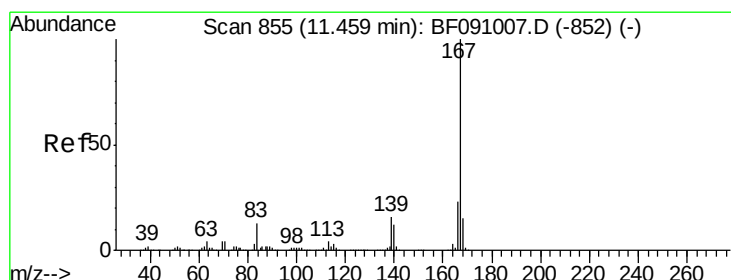
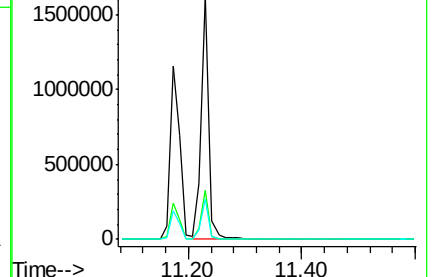
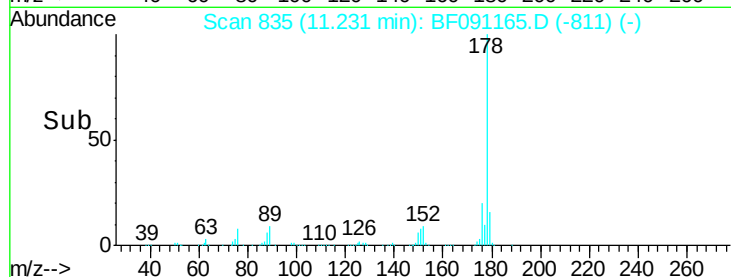
179 16.4 13.0 19.6



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



#72

Carbazole

Concen: 38.53 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

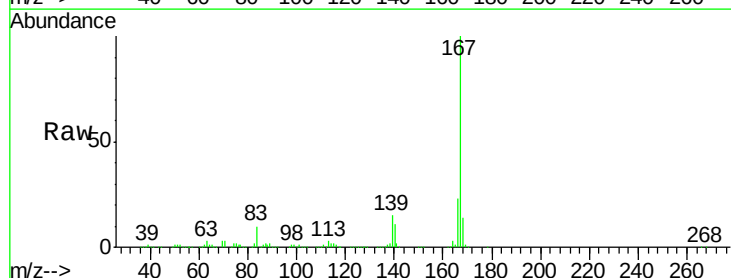
Tgt Ion:167 Resp: 1288182

Ion Ratio Lower Upper

167 100

166 23.1 18.0 27.0

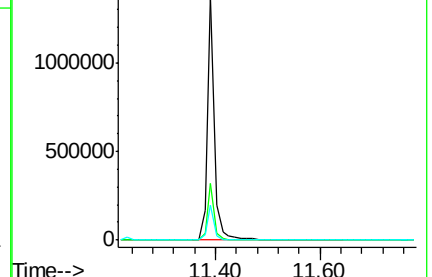
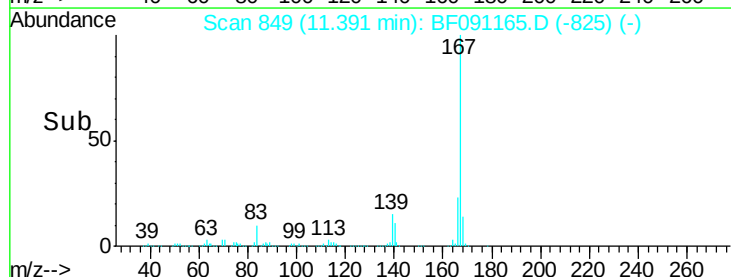
139 14.5 12.6 18.8

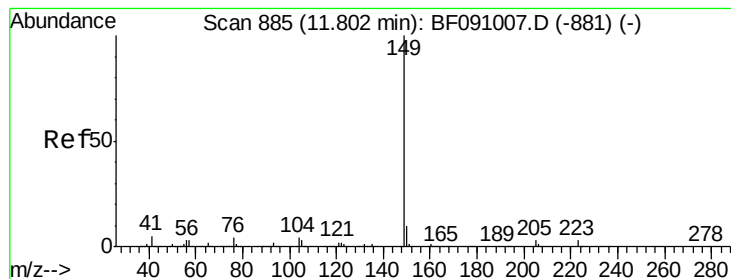


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.87 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

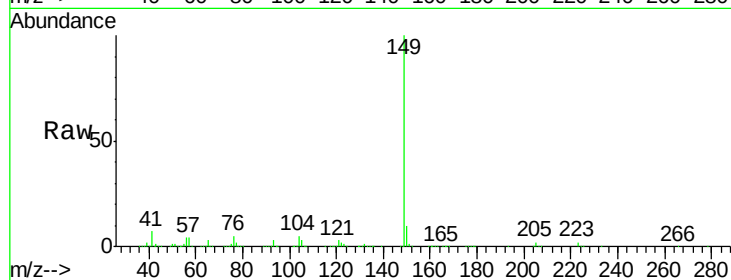
Tgt Ion:149 Resp: 1634377

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

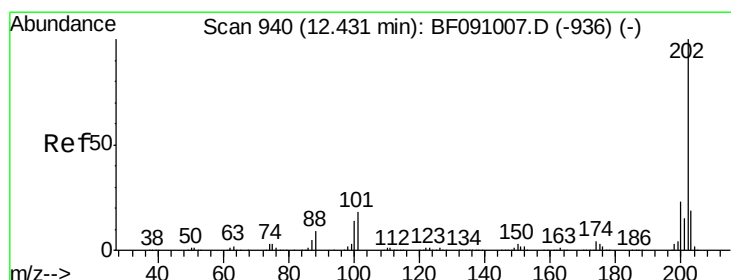
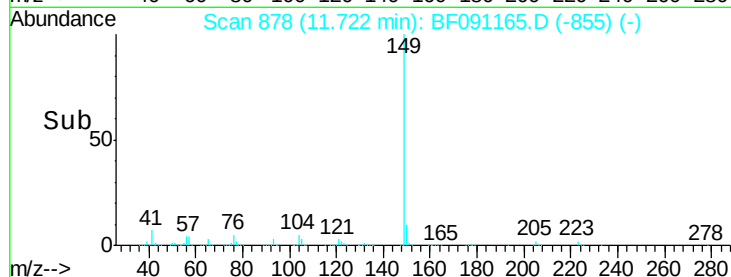
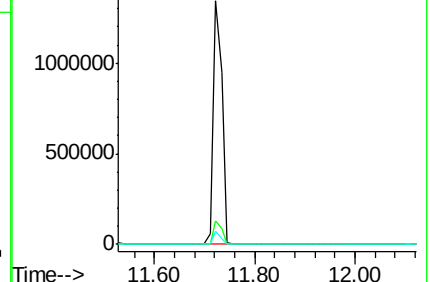
104 5.2 3.6 5.4



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: 43.63 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

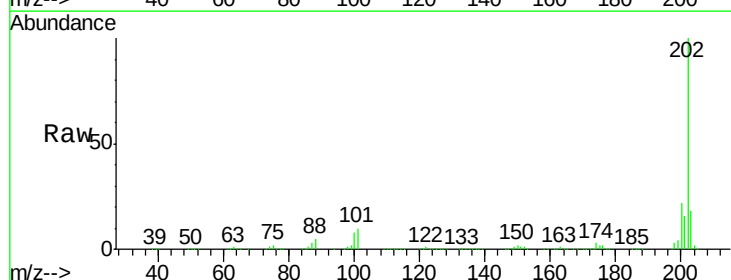
Tgt Ion:202 Resp: 1579219

Ion Ratio Lower Upper

202 100

101 10.2 0.0 37.6

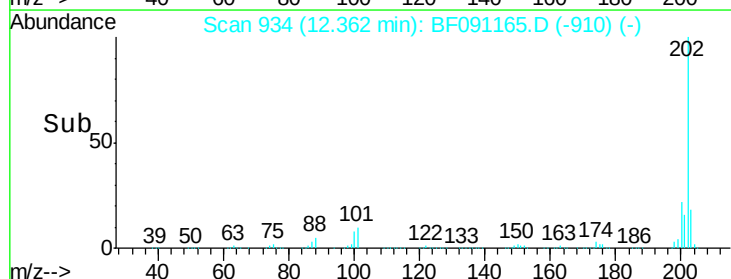
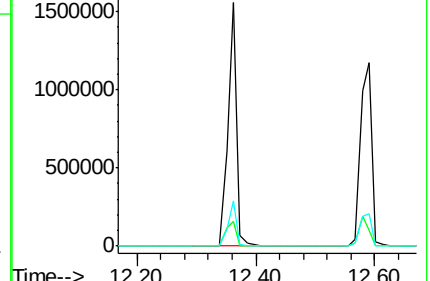
203 18.5 0.0 38.6

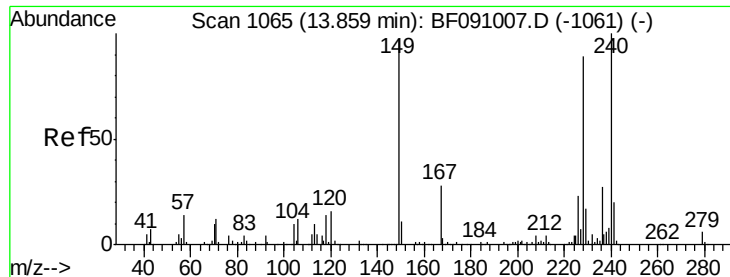


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

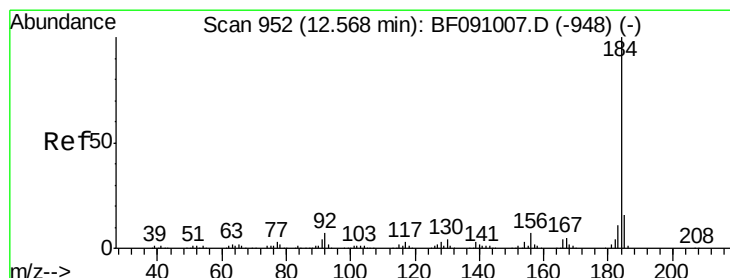
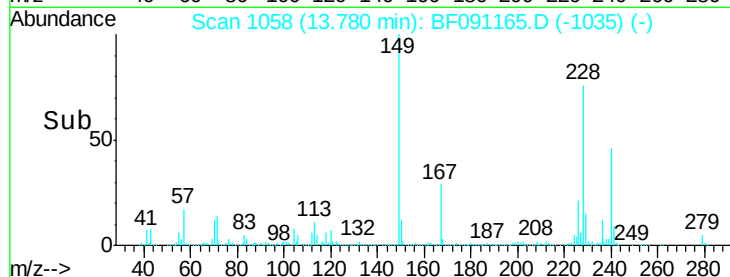
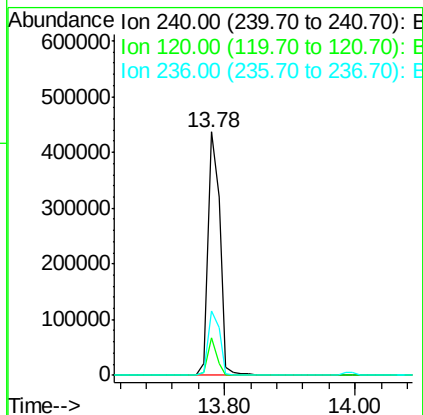
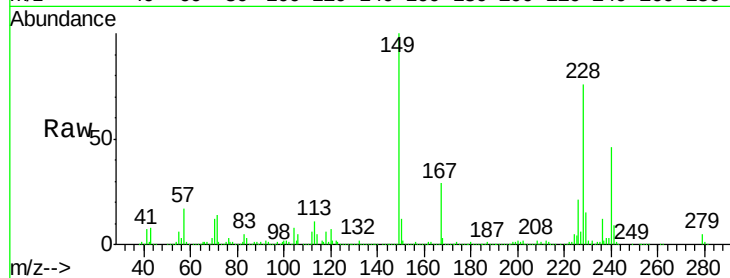
Instrument :

BNA_F

ClientSampleId :

PB94712BSD

Tgt Ion:	240	Resp:	556657
Ion	Ratio	Lower	Upper
240	100		
120	15.2	12.9	19.3
236	26.2	21.9	32.9



#76

Benzidine

Concen: 41.94 ng

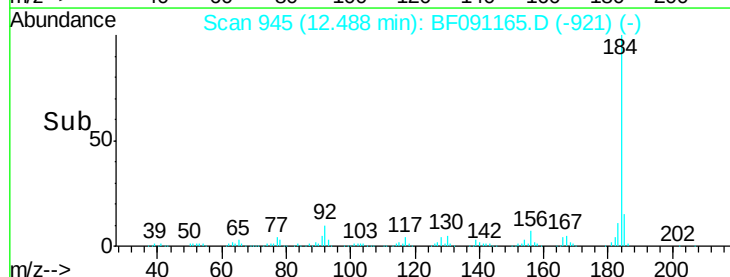
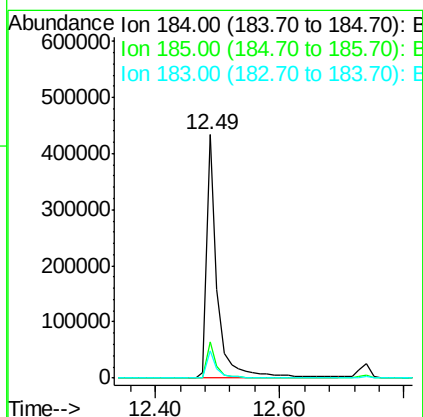
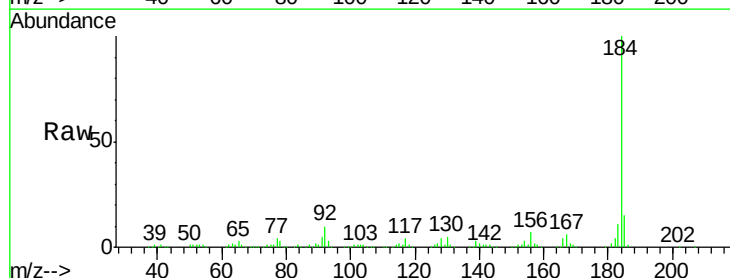
RT: 12.49 min Scan# 945

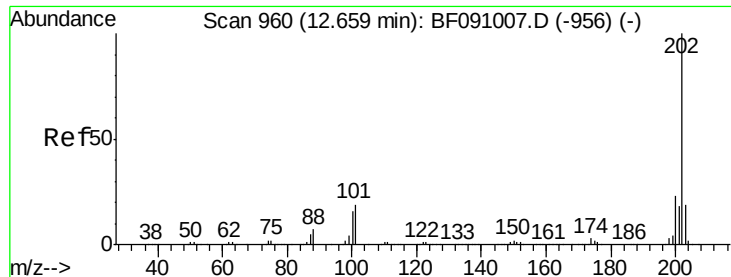
Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Tgt Ion:	184	Resp:	521524
Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.0	19.4
183	11.4	8.7	13.1

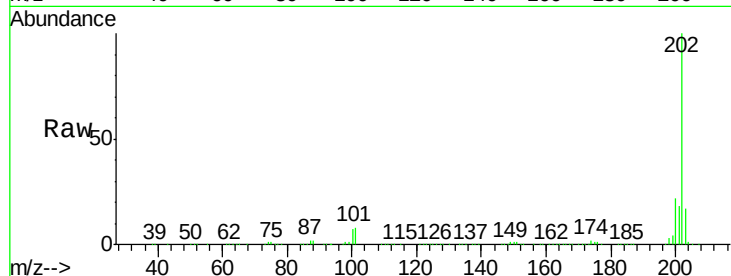




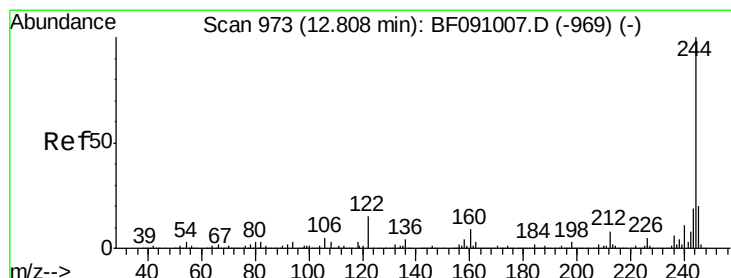
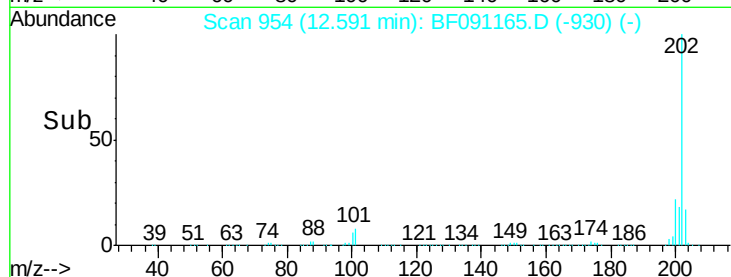
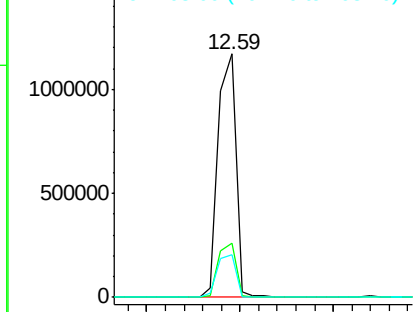
#77
Pyrene
 Concen: 42.56 ng
 RT: 12.59 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Tgt Ion:202 Resp: 1551635
 Ion Ratio Lower Upper
 202 100
 200 22.2 18.4 27.6
 203 17.5 15.0 22.6

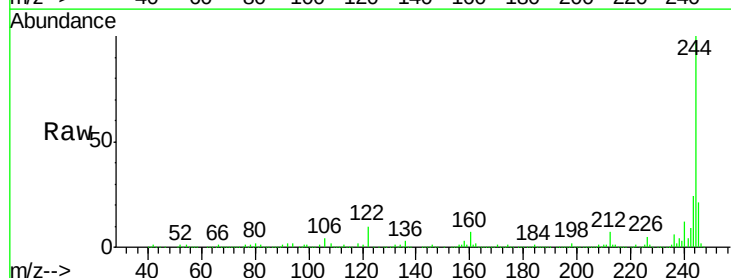


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

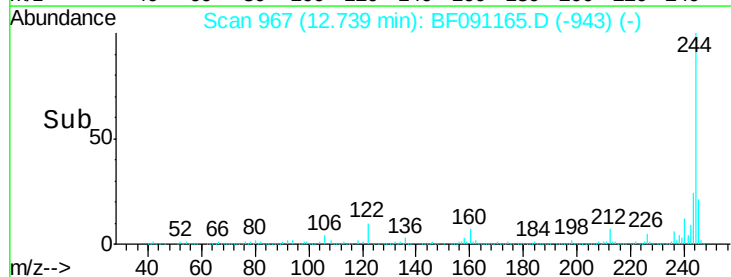
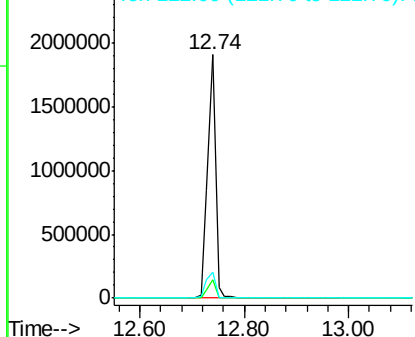


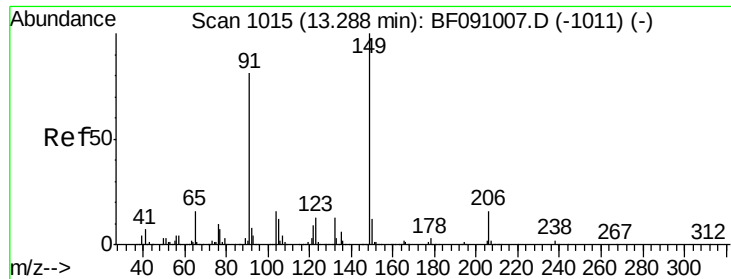
#78
Terphenyl-d14
 Concen: 89.62 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion:244 Resp: 1999184
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 10.5 12.3 18.5#



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

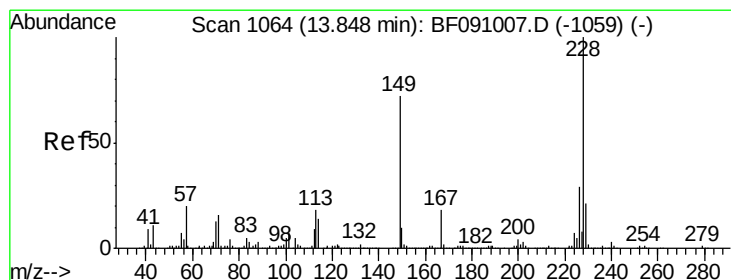
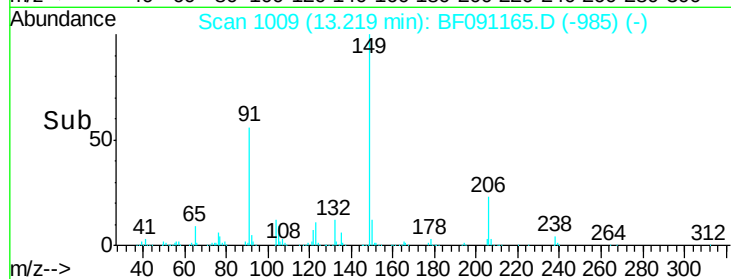
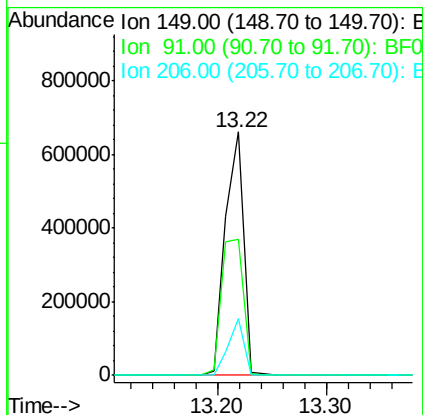
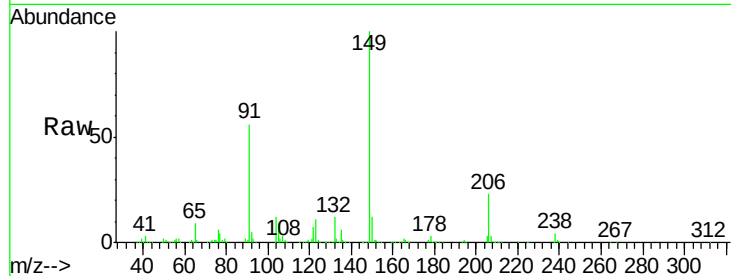




#79
Butylbenzylphthalate
Concen: 44.25 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

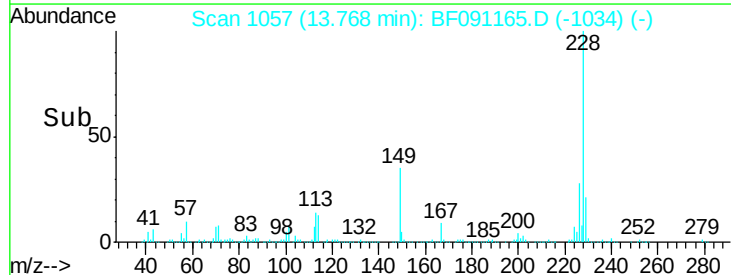
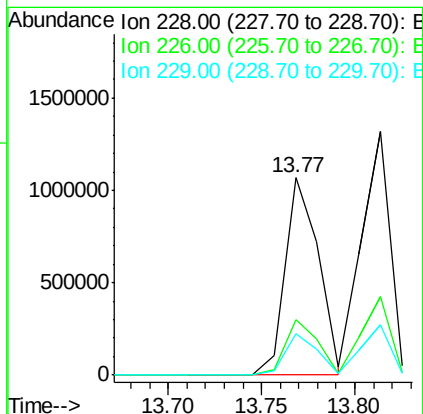
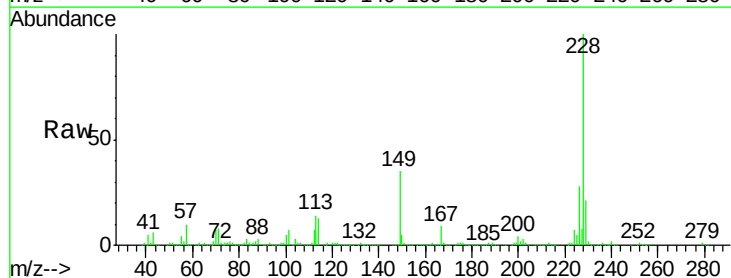
Instrument :
BNA_F
ClientSampleId :
PB94712BSD

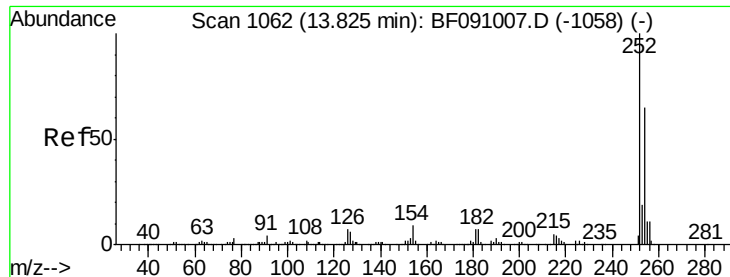
Tgt Ion:149 Resp: 771660
Ion Ratio Lower Upper
149 100
91 55.8 65.0 97.4#
206 23.5 12.5 18.7#



#80
Benzo(a)anthracene
Concen: 42.10 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion:228 Resp: 1330674
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.6
229 20.7 16.6 24.8

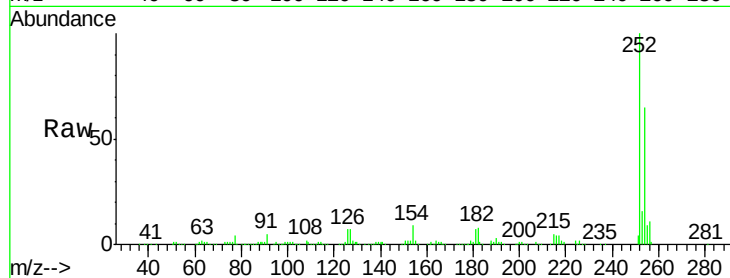




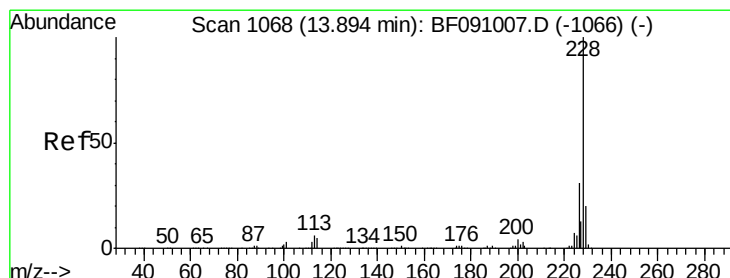
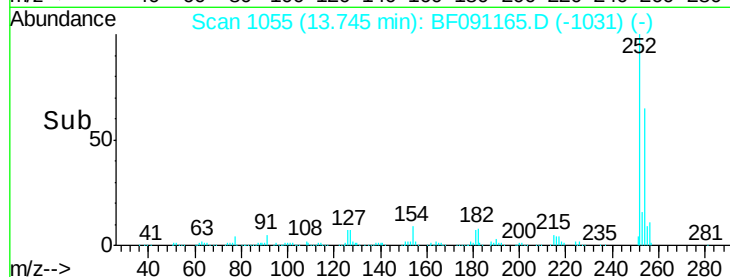
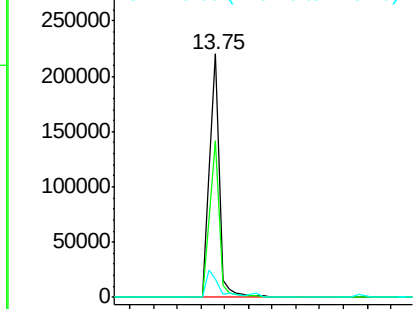
#81
 3,3'-Dichlorobenzidine
 Concen: 23.01 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Tgt Ion: 252 Resp: 255448
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.0 78.0
 126 7.3 5.4 8.2

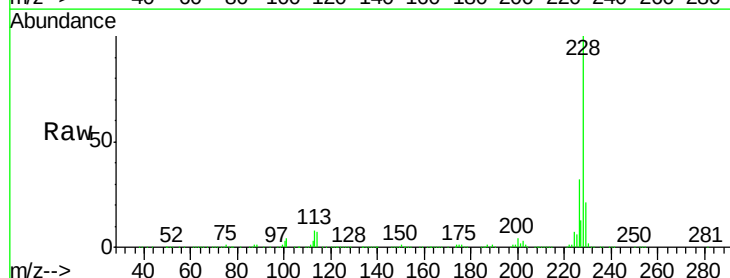


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

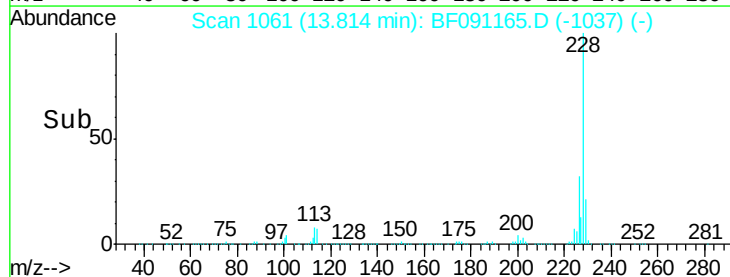
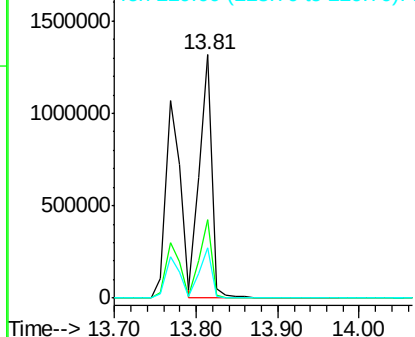


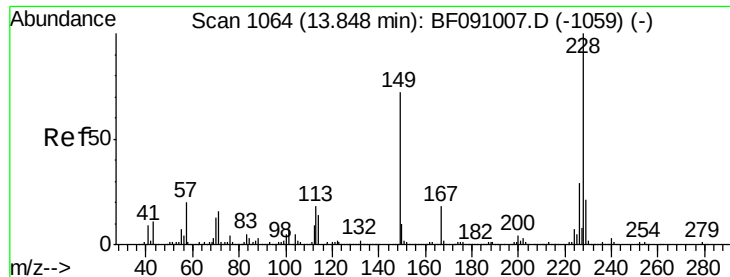
#82
 Chrysene
 Concen: 45.54 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091165.D
 Acq: 14 Nov 2016 15:37

Tgt Ion: 228 Resp: 1419356
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.9 37.3
 229 20.7 15.9 23.9



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: 40.03 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

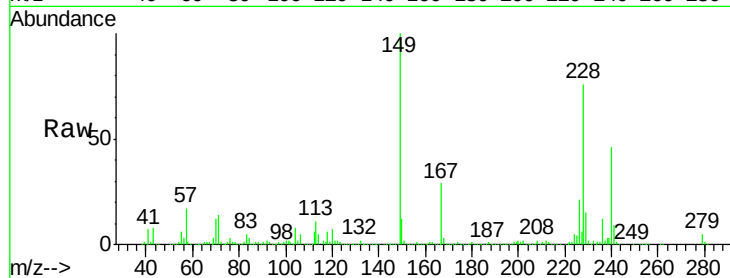
Tgt Ion:149 Resp: 944643

Ion Ratio Lower Upper

149 100

167 28.7 20.4 30.6

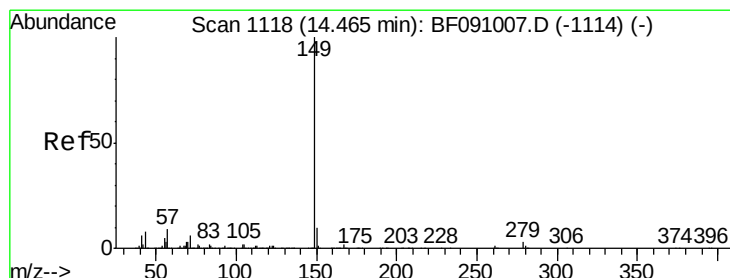
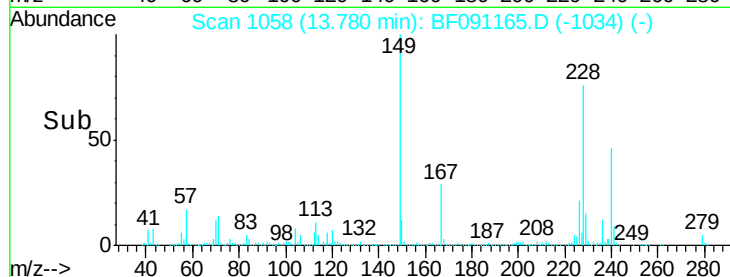
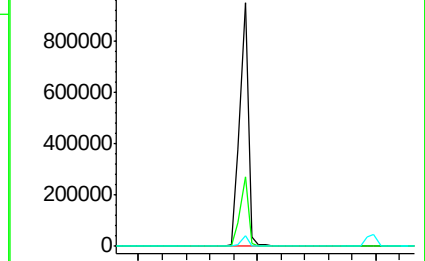
279 4.6 1.6 2.4#



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: 41.11 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

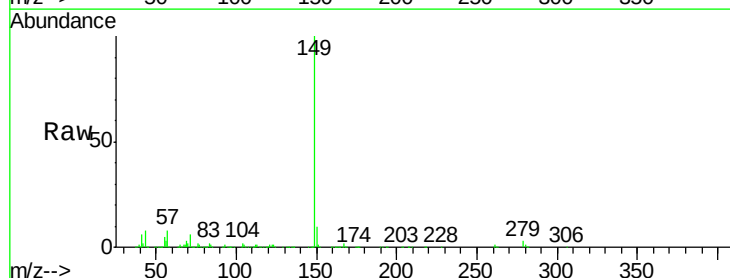
Tgt Ion:149 Resp: 1594930

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

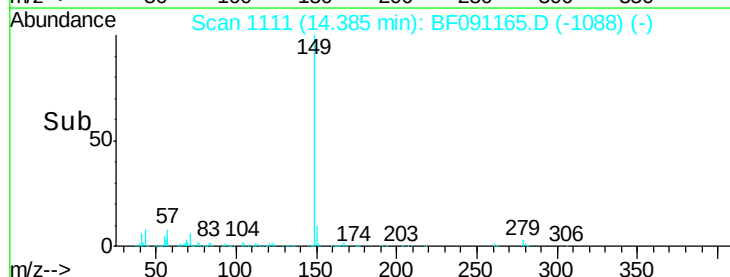
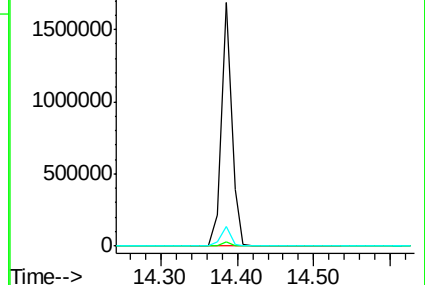
43 7.7 8.2 12.4#

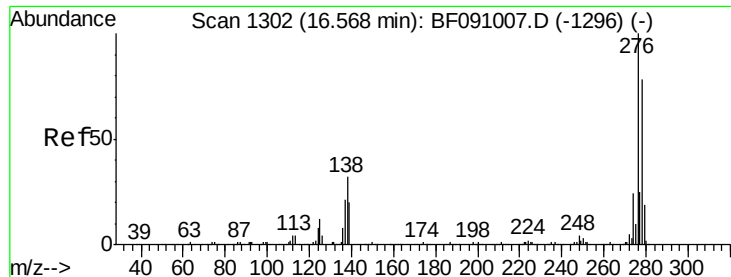


Abundance Ion 149.00 (148.70 to 149.70): E

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: 43.51 ng

RT: 16.43 min Scan# 1290

Delta R.T. -0.05 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

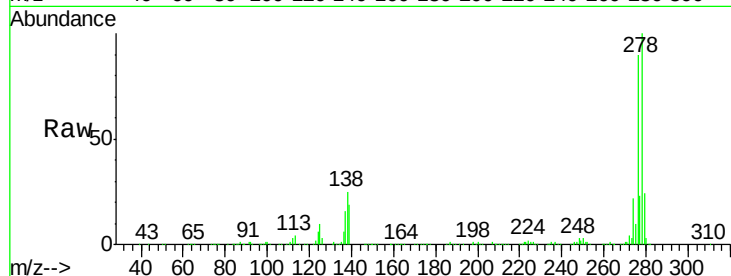
Tgt Ion:276 Resp: 1125083

Ion Ratio Lower Upper

276 100

138 28.1 26.0 39.0

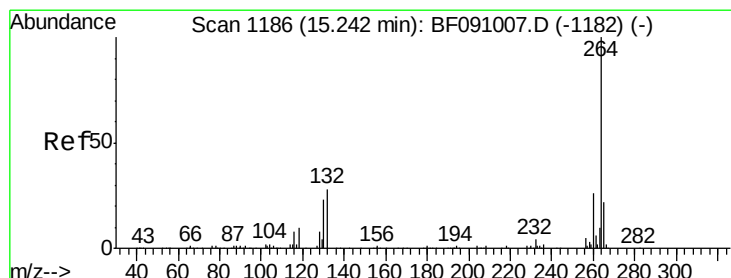
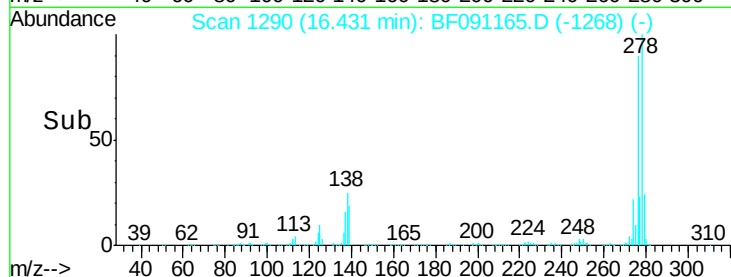
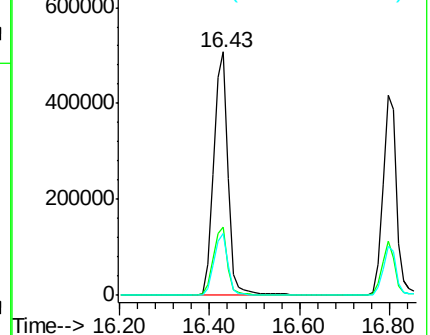
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1178

Delta R.T. -0.03 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

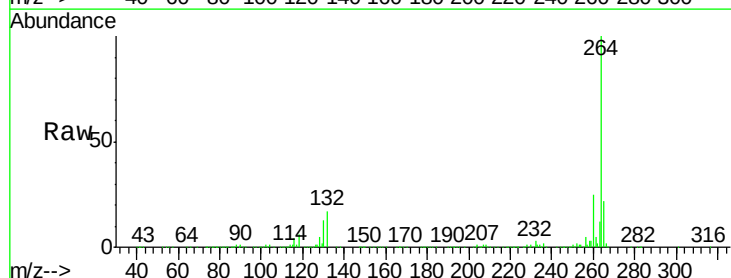
Tgt Ion:264 Resp: 479748

Ion Ratio Lower Upper

264 100

260 24.9 20.6 30.8

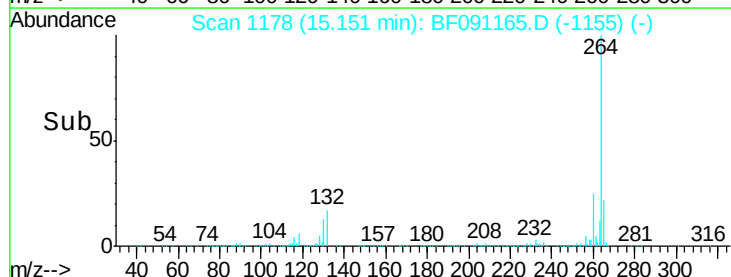
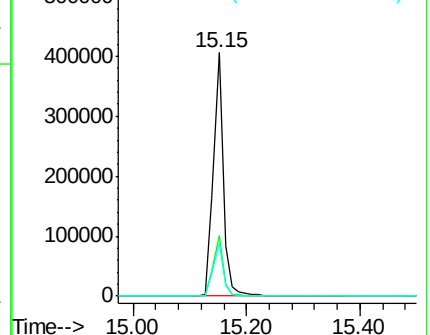
265 21.6 17.8 26.8

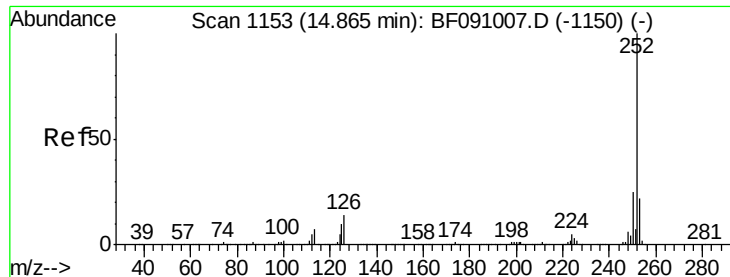


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 78.18 ng

RT: 14.81 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD

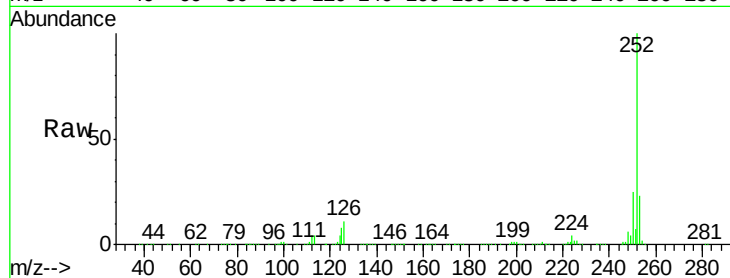
Tgt Ion:252 Resp: 2543939

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

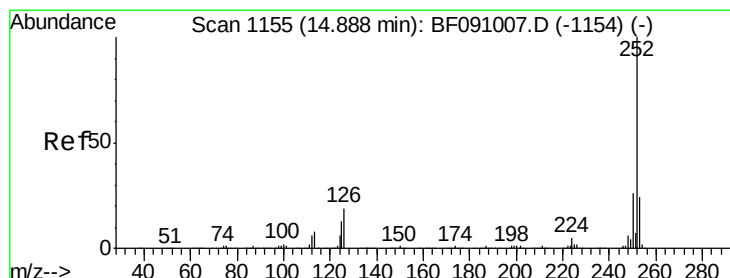
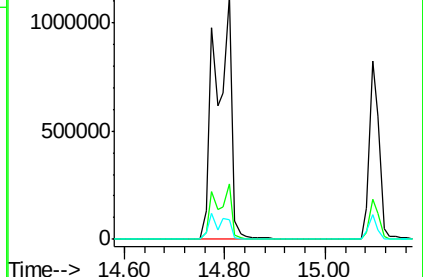
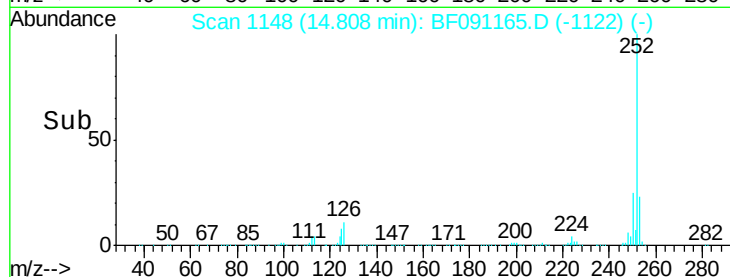
125 7.9 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.18 ng

RT: 14.81 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF091165.D

Acq: 14 Nov 2016 15:37

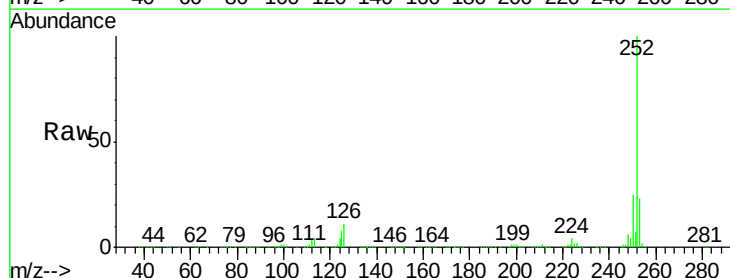
Tgt Ion:252 Resp: 2545437

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

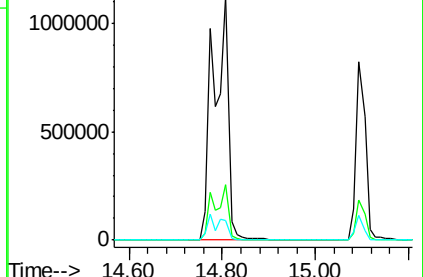
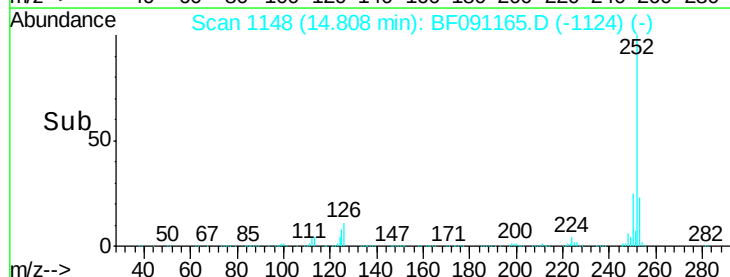
125 7.9 11.2 16.8#

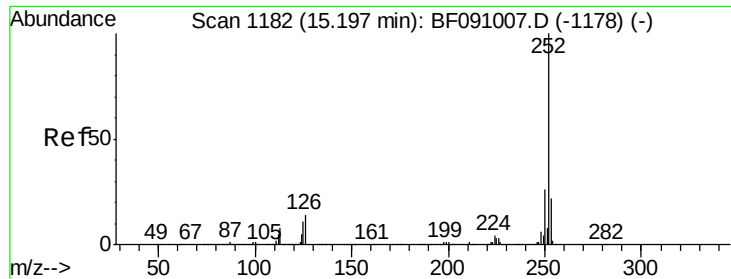


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

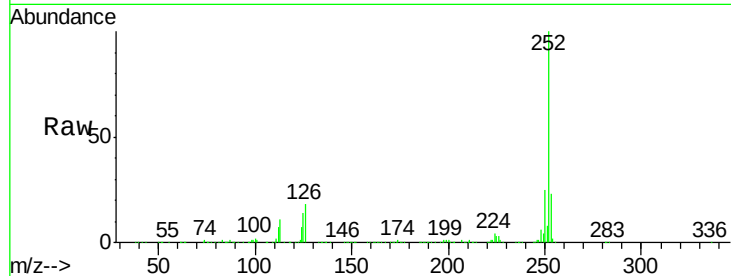




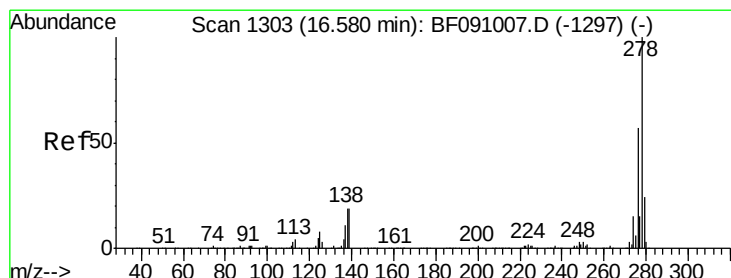
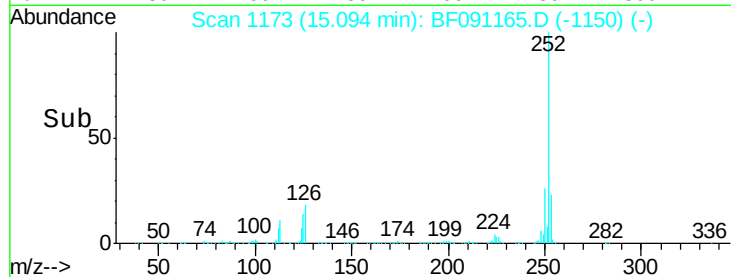
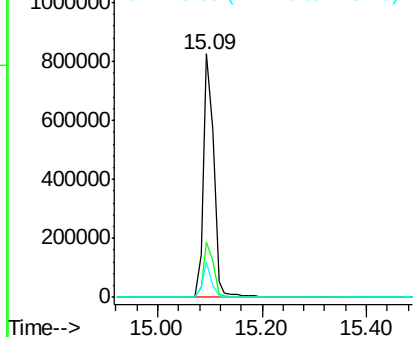
#89
Benzo(a)pyrene
Concen: 39.86 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Instrument :
BNA_F
ClientSampled :
PB94712BSD

Tgt Ion:252 Resp: 1129192
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 14.1 8.6 13.0#

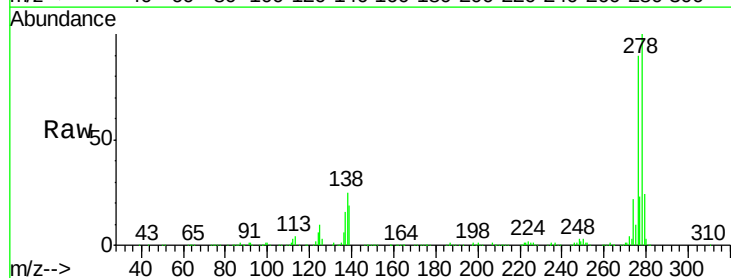


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

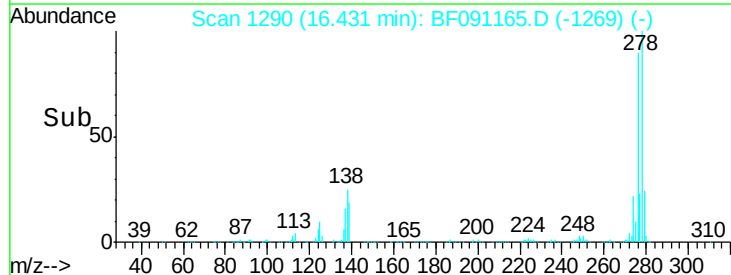
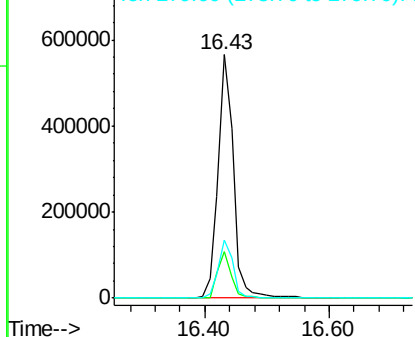


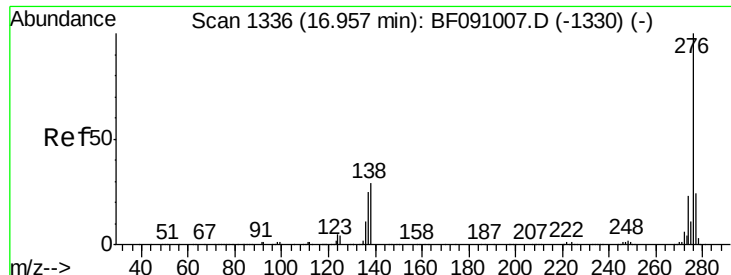
#90
Dibenzo(a,h)anthracene
Concen: 39.08 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF091165.D
Acq: 14 Nov 2016 15:37

Tgt Ion:278 Resp: 956874
Ion Ratio Lower Upper
278 100
139 18.9 15.3 22.9
279 23.8 19.3 28.9



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: 39.89 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091165.D

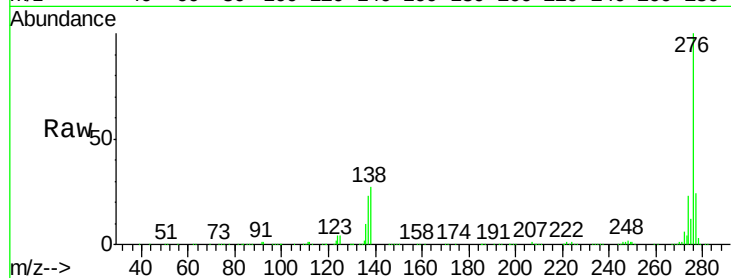
Acq: 14 Nov 2016 15:37

Instrument :

BNA_F

ClientSampleId :

PB94712BSD



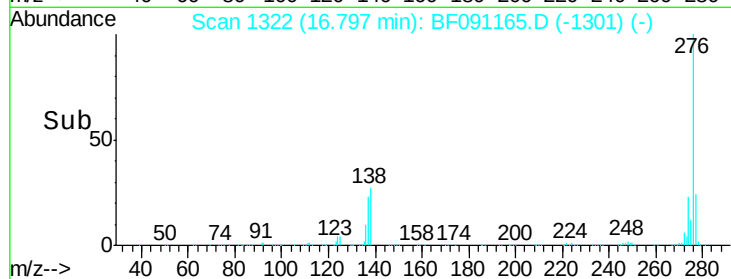
Tgt Ion: 276 Resp: 883338

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 27.2 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

