

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091539.D
 Acq On : 9 Dec 2016 20:48
 Operator : UM/SJ
 Sample : PB94152BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Quant Time: Dec 09 22:13:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	267388	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1100808	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	551808	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	910844	20.00	ng	0.00
75) Chrysene-d12	13.96	240	618644	20.00	ng	0.00
86) Perylene-d12	15.38	264	598180	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1295199	81.61	ng	0.01
7) Phenol-d6	6.45	99	1589110	80.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	1733141	87.87	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	336789	73.48	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2813983	88.11	ng	-0.01
78) Terphenyl-d14	12.92	244	2480098	90.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	314048	37.49	ng	# 86
3) Pyridine	3.18	79	934529	41.87	ng	# 83
4) n-Nitrosodimethylamine	3.15	42	408080	42.56	ng	# 63
6) Aniline	6.48	93	594144	22.90	ng	# 66
8) 2-Chlorophenol	6.60	128	819758	45.76	ng	98
9) Benzaldehyde	6.35	77	176198	12.94	ng	93
10) Phenol	6.46	94	1010474	43.68	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	810278	46.62	ng	93
12) 1,3-Dichlorobenzene	6.83	146	827421	42.59	ng	97
13) 1,4-Dichlorobenzene	6.83	146	827421	43.18	ng	98
14) 1,2-Dichlorobenzene	6.98	146	738293	42.76	ng	96
15) Benzyl Alcohol	6.96	79	652521	41.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1167317	43.34	ng	79
17) 2-Methylphenol	7.08	107	684041	46.15	ng	# 76
18) Hexachloroethane	7.32	117	319920	42.78	ng	# 80
19) n-Nitroso-di-n-propylamine	7.23	70	555289	44.88	ng	# 83
20) 3+4-Methylphenols	7.23	107	736673	46.10	ng	# 71
22) Acetophenone	7.23	105	1095658	41.54	ng	94
24) Nitrobenzene	7.40	77	929376	44.60	ng	# 79
25) Isophorone	7.64	82	1589435	45.33	ng	98
26) 2-Nitrophenol	7.71	139	405882	44.13	ng	93
27) 2,4-Dimethylphenol	7.76	122	689571	42.69	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	983953	47.84	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	660988	47.03	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	686789	43.00	ng	99
31) Naphthalene	8.12	128	2227214	43.49	ng	100
32) Benzoic acid	7.88	122	431528	38.32	ng	97
33) 4-Chloroaniline	8.17	127	193731	8.78	ng	99
34) Hexachlorobutadiene	8.25	225	388769	42.46	ng	98
35) Caprolactam	8.54	113	155470	37.88	ng	# 37
36) 4-Chloro-3-methylphenol	8.66	107	658448	41.77	ng	100
37) 2-Methylnaphthalene	8.82	142	1455432	43.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	569248	37.61	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	682359	101.13	ng	100

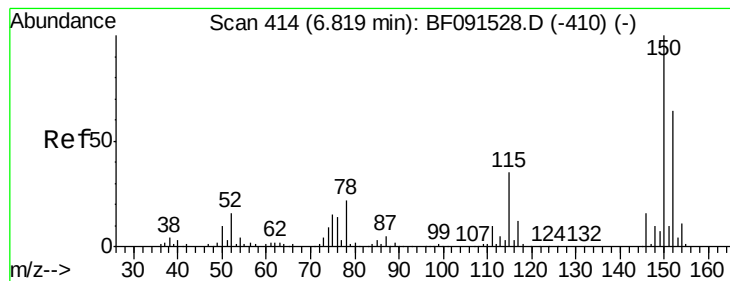
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091539.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	461157	47.42	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	422147	42.24	ng	95
45) 1,1'-Biphenyl	9.28	154	1672441	41.84	ng	98
46) 2-Chloronaphthalene	9.30	162	1268476	40.98	ng	99
47) 2-Nitroaniline	9.39	65	417150	40.08	ng	# 84
48) Acenaphthylene	9.71	152	1948835	41.31	ng	99
49) Dimethylphthalate	9.58	163	1586956	45.42	ng	99
50) 2,6-Dinitrotoluene	9.64	165	376755	49.13	ng	# 76
51) Acenaphthene	9.88	154	1397585	42.65	ng	97
52) 3-Nitroaniline	9.80	138	165577	18.38	ng	92
53) 2,4-Dinitrophenol	9.92	184	319207	73.43	ng	# 73
54) Dibenzofuran	10.05	168	1810833	44.67	ng	98
55) 4-Nitrophenol	9.97	139	526509	78.56	ng	92
56) 2,4-Dinitrotoluene	10.04	165	446883	46.49	ng	# 68
57) Fluorene	10.40	166	1222155	41.84	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	375497	47.99	ng	97
59) Diethylphthalate	10.28	149	1522599	45.25	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	636339	43.65	ng	# 90
61) 4-Nitroaniline	10.42	138	337463	37.69	ng	90
62) Azobenzene	10.56	77	1811634	47.52	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	213133	39.11	ng	87
65) n-Nitrosodiphenylamine	10.51	169	1135744	41.83	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	402771	43.13	ng	# 74
67) Hexachlorobenzene	10.94	284	400315	41.23	ng	# 76
68) Atrazine	11.05	200	421357	48.26	ng	95
69) Pentachlorophenol	11.14	266	434997	79.60	ng	95
70) Phenanthrene	11.36	178	1925350	42.69	ng	99
71) Anthracene	11.41	178	2158509	44.37	ng	100
72) Carbazole	11.56	167	1702036	39.91	ng	99
73) Di-n-butylphthalate	11.91	149	2317625	46.65	ng	100
74) Fluoranthene	12.55	202	2142593	45.37	ng	99
76) Benzidine	12.66	184	572847	29.95	ng	99
77) Pyrene	12.77	202	2138774	43.58	ng	99
79) Butylbenzylphthalate	13.39	149	863781	45.15	ng	90
80) Benzo(a)anthracene	13.95	228	1552080	43.20	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	242049	18.76	ng	# 96
82) Chrysene	13.99	228	1516649	40.35	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	1079051	43.96	ng	99
84) Di-n-octyl phthalate	14.57	149	2047817	49.15	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1454158	42.99	ng	99
87) Benzo(b)fluoranthene	15.00	252	2906834	81.52	ng	99
88) Benzo(k)fluoranthene	15.00	252	2909035	92.78	ng	99
89) Benzo(a)pyrene	15.32	252	1421501	44.25	ng	# 95
90) Dibenzo(a,h)anthracene	16.76	278	1190595	41.37	ng	99
91) Benzo(g,h,i)perylene	17.16	276	1236360	42.21	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

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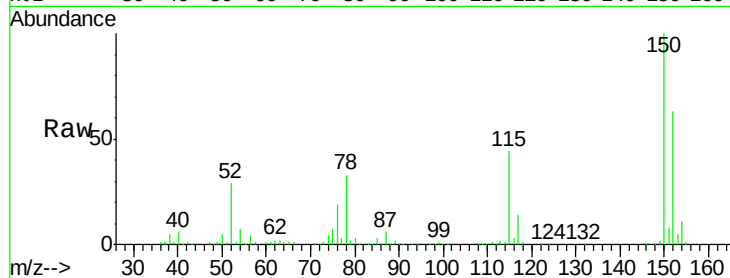
Tgt Ion: 152 Resp: 267388

Ion Ratio Lower Upper

152 100

150 158.7 122.5 183.7

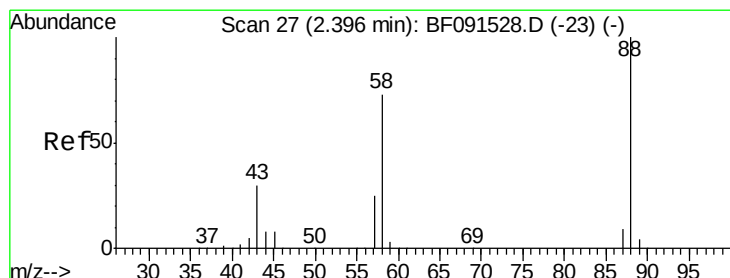
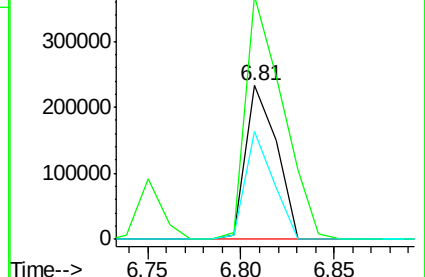
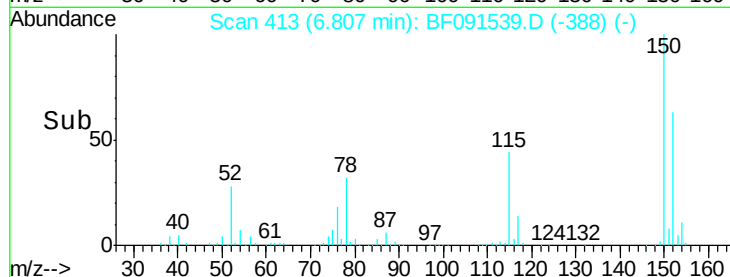
115 70.1 51.8 77.8



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: 37.49 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.10 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

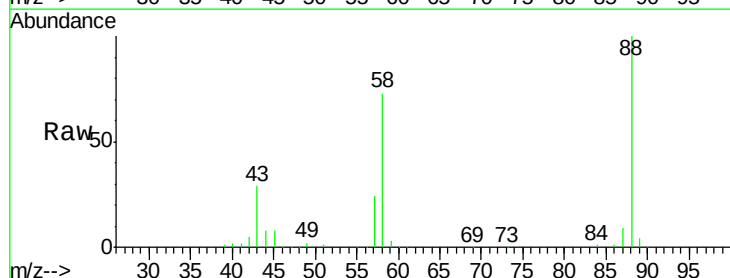
Tgt Ion: 88 Resp: 314048

Ion Ratio Lower Upper

88 100

58 74.8 70.3 105.5

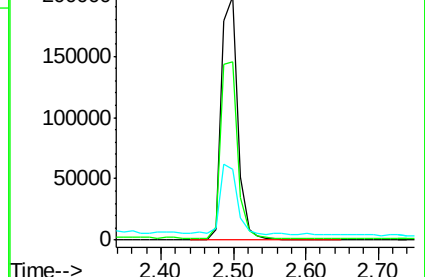
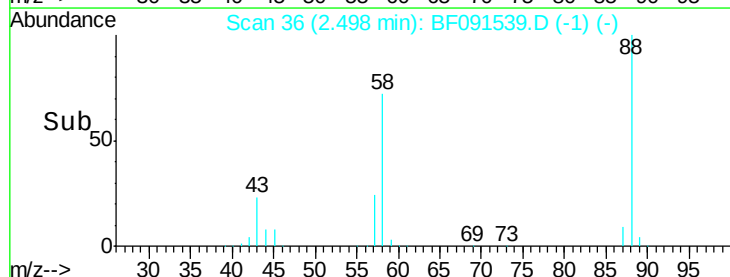
43 30.2 31.3 46.9#

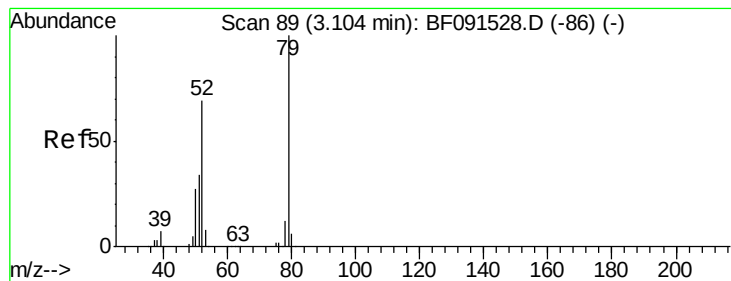


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.87 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

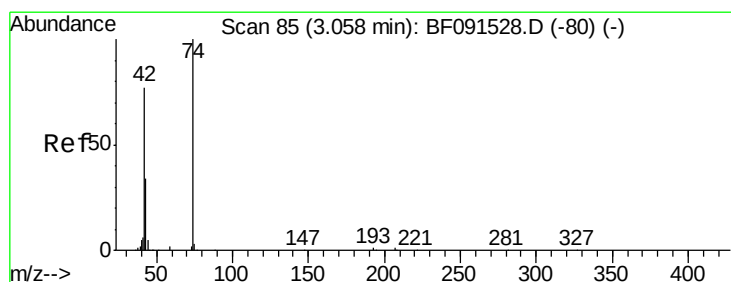
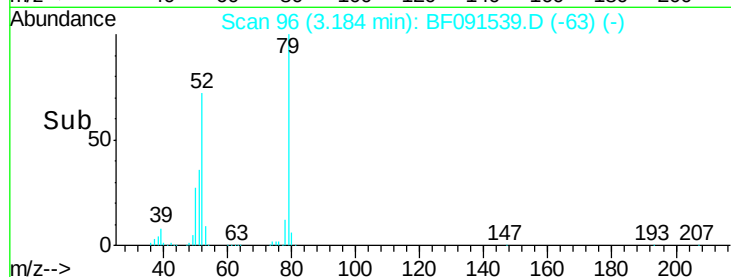
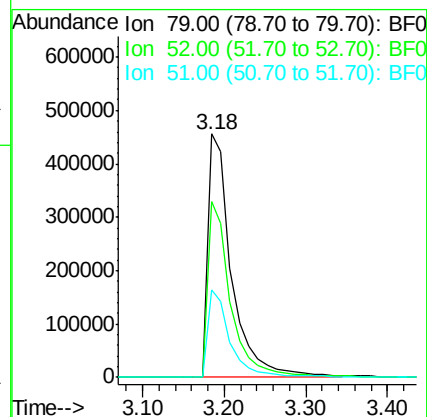
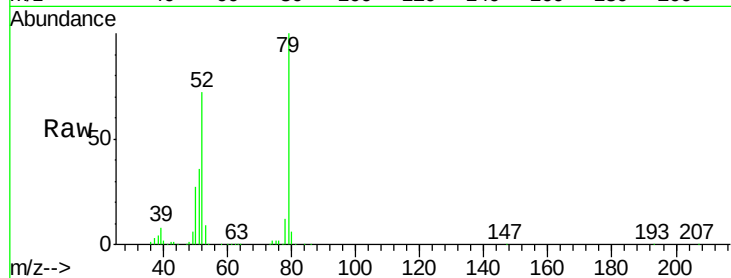
Tgt Ion: 79 Resp: 934529

Ion Ratio Lower Upper

79 100

52 72.5 71.0 106.4

51 35.8 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 42.56 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

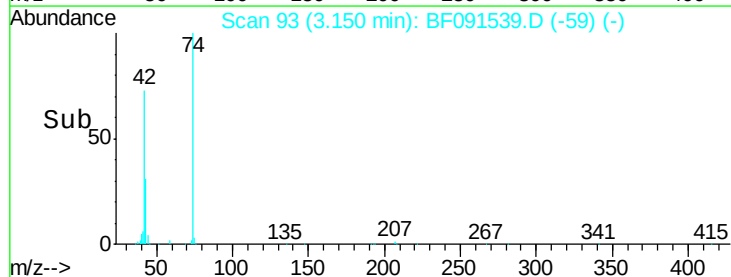
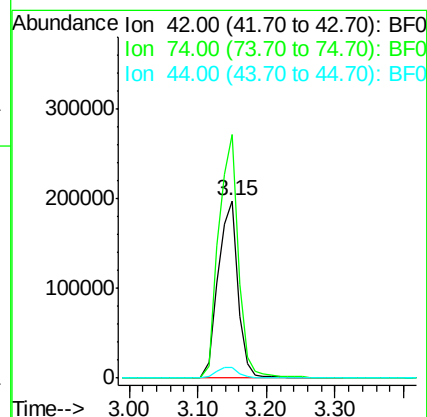
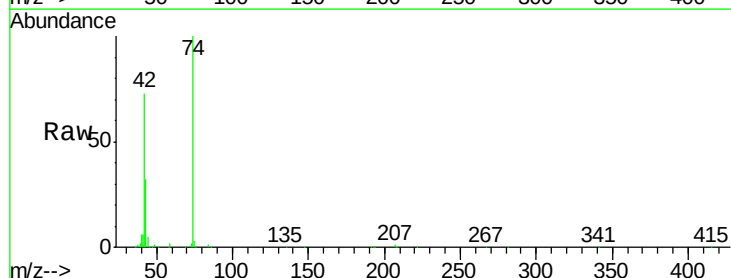
Tgt Ion: 42 Resp: 408080

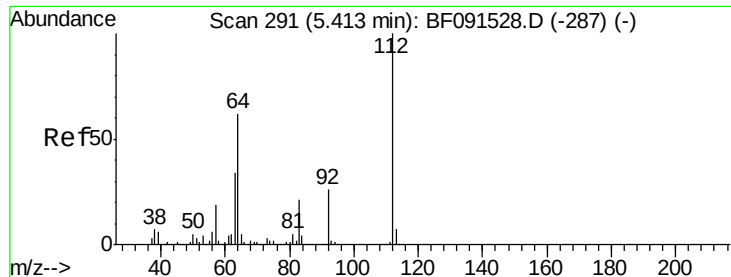
Ion Ratio Lower Upper

42 100

74 137.4 78.9 118.3#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 81.61 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

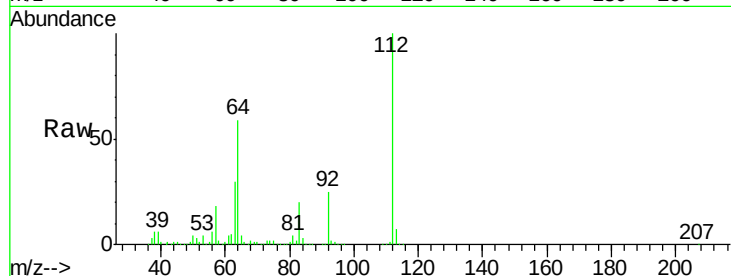
Tgt Ion:112 Resp: 1295199

Ion Ratio Lower Upper

112 100

64 59.3 61.5 92.3#

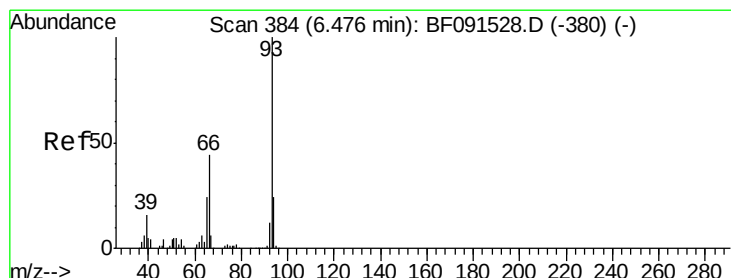
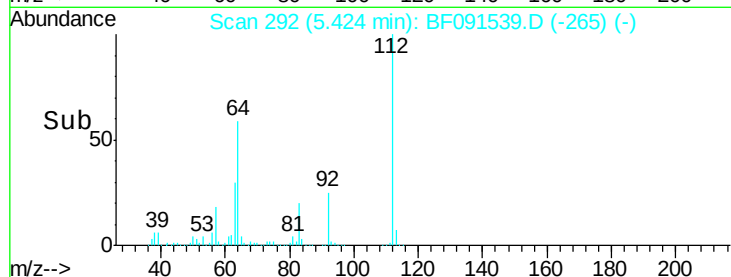
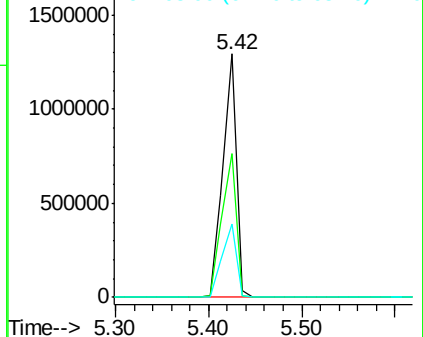
63 30.4 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.90 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

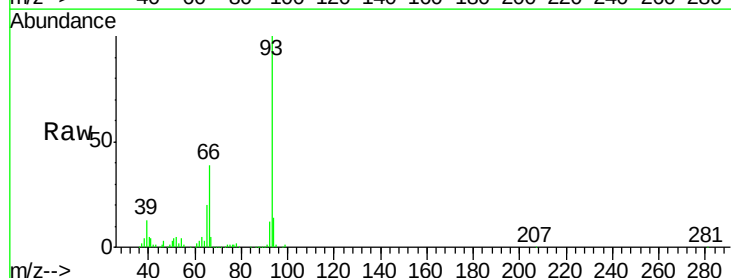
Tgt Ion: 93 Resp: 594144

Ion Ratio Lower Upper

93 100

66 39.5 55.8 83.6#

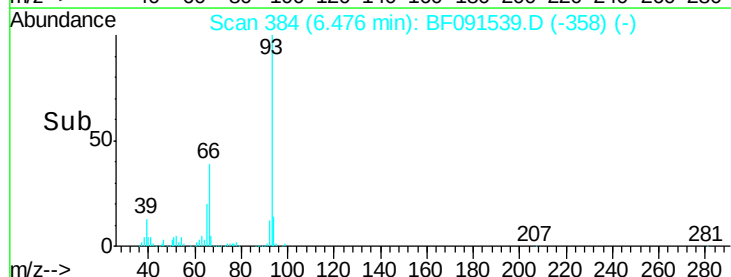
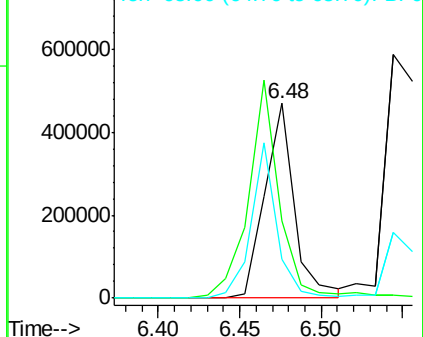
65 20.0 29.9 44.9#

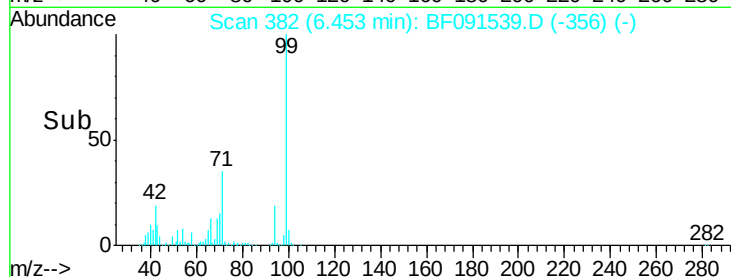
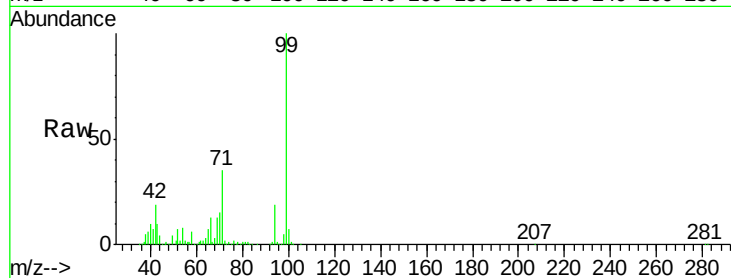
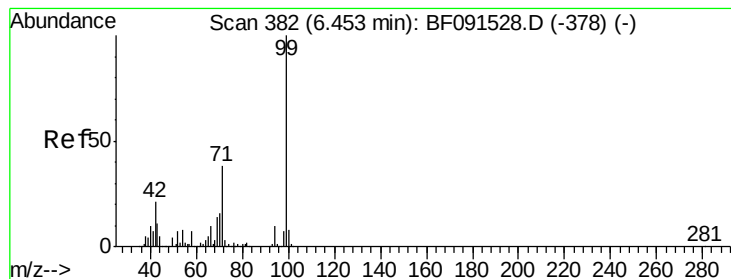


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.31 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

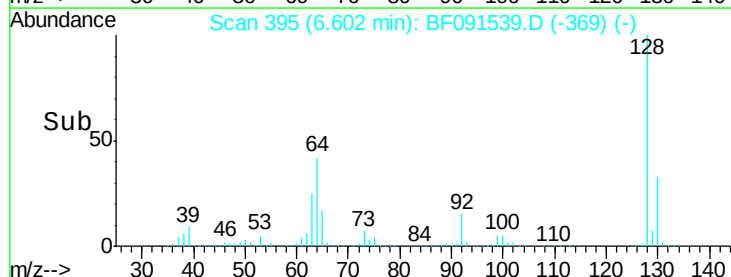
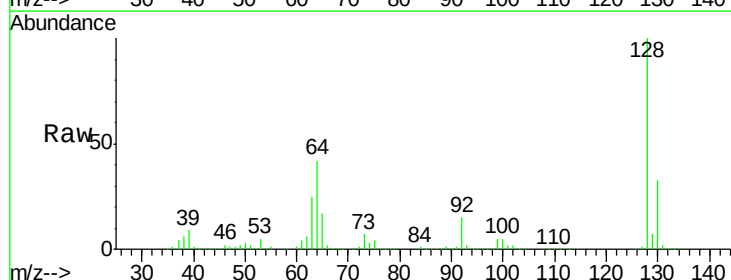
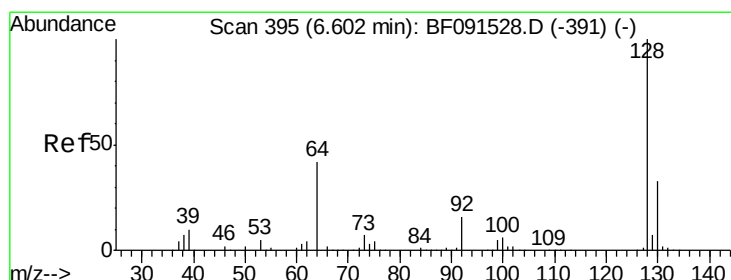
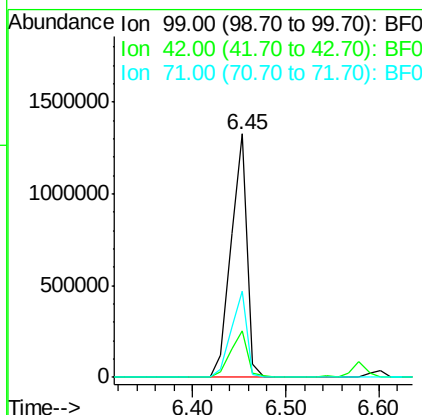
BNA_F

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Tgt Ion: 99 Resp: 1589110

Ion	Ratio	Lower	Upper
99	100		
42	19.3	20.6	31.0#
71	35.2	29.9	44.9



#8

2-Chlorophenol

Concen: 45.76 ng

RT: 6.60 min Scan# 395

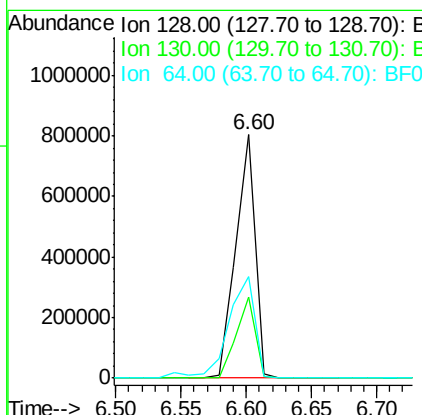
Delta R.T. 0.00 min

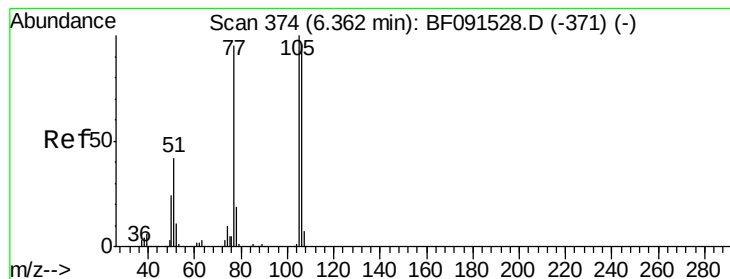
Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion: 128 Resp: 819758

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	41.9	24.1	64.1





#9

Benzaldehyde

Concen: 12.94 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

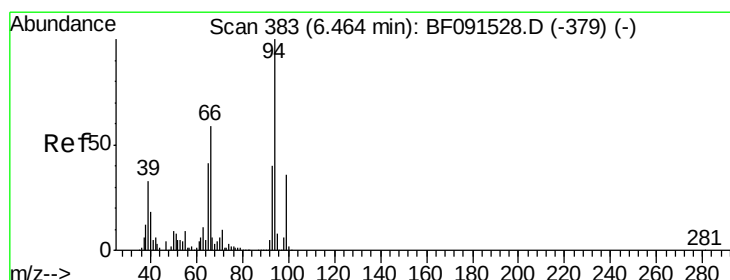
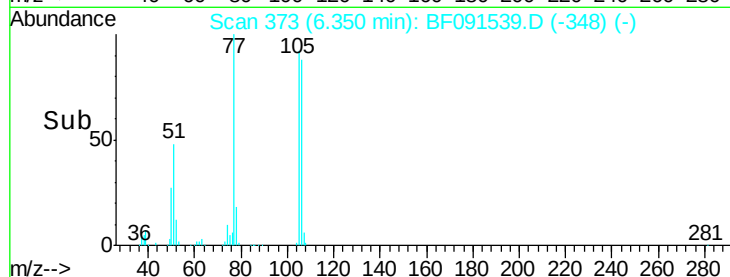
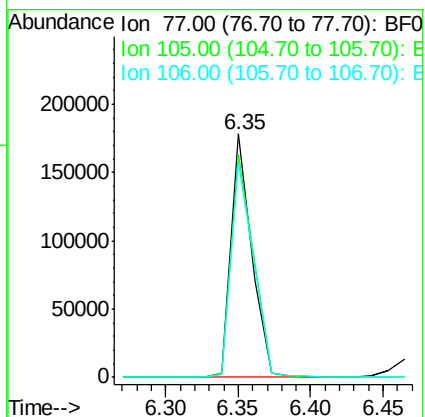
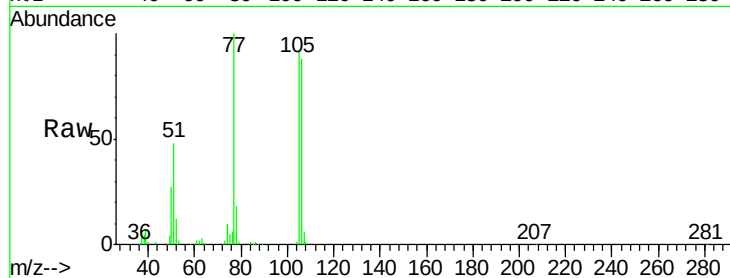
Tgt Ion: 77 Resp: 176198

Ion Ratio Lower Upper

77 100

105 91.8 66.4 106.4

106 88.4 60.9 100.9



#10

Phenol

Concen: 43.68 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

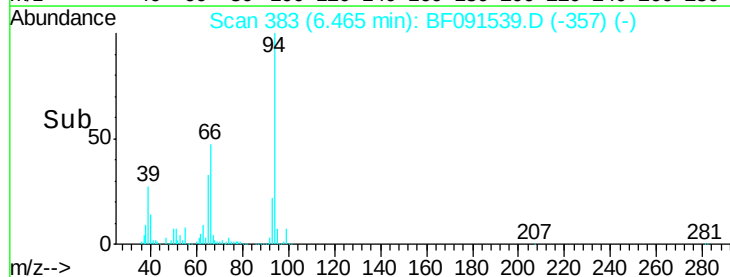
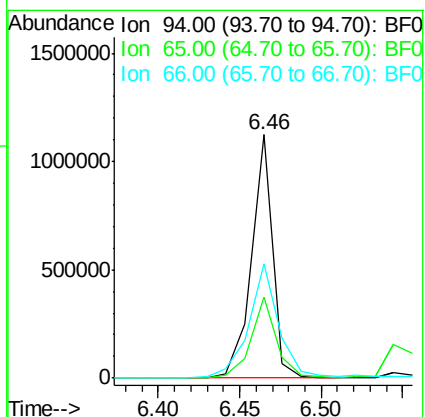
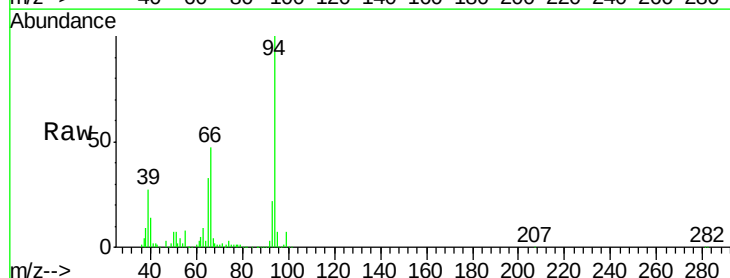
Tgt Ion: 94 Resp: 1010474

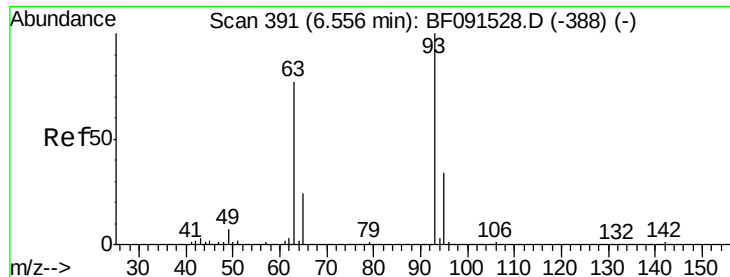
Ion Ratio Lower Upper

94 100

65 33.4 16.9 56.9

66 46.8 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 46.62 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091539.D

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PB95152BS

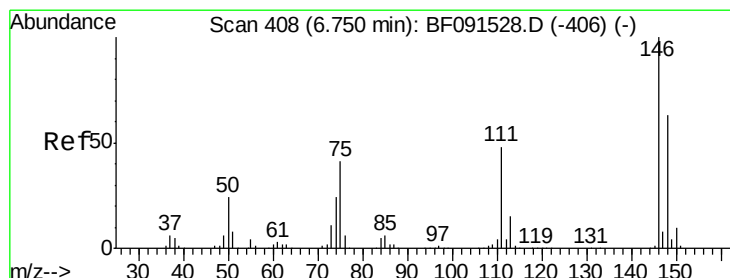
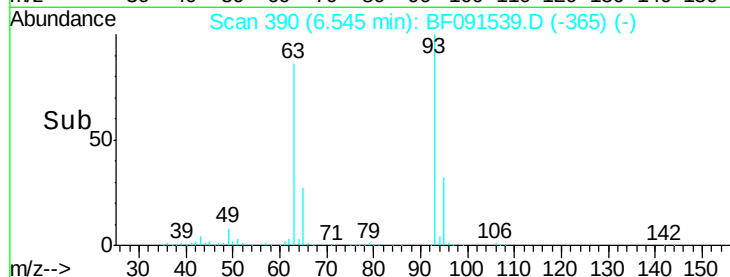
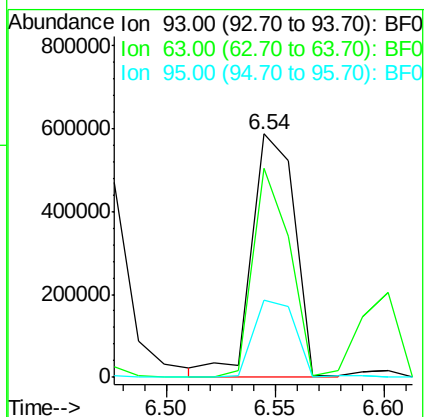
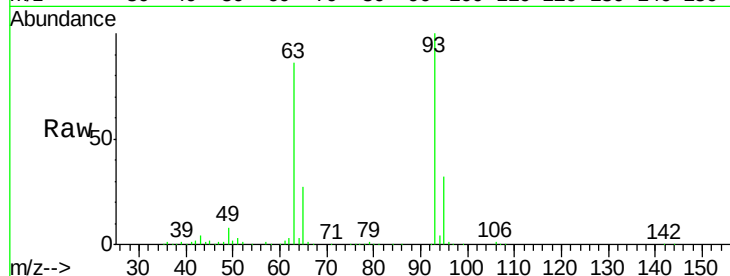
Tgt Ion: 93 Resp: 810278

Ion Ratio Lower Upper

93 100

63 85.8 74.8 114.8

95 31.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.59 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.08 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

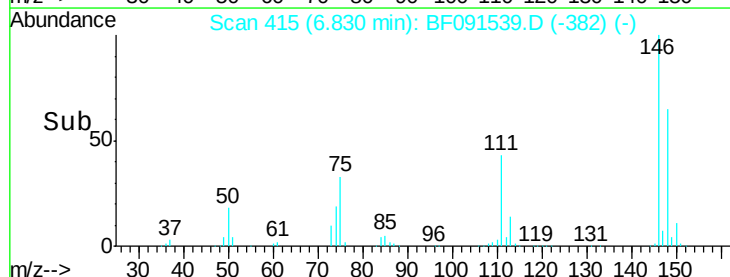
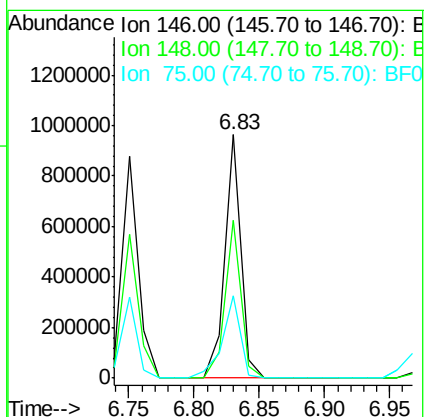
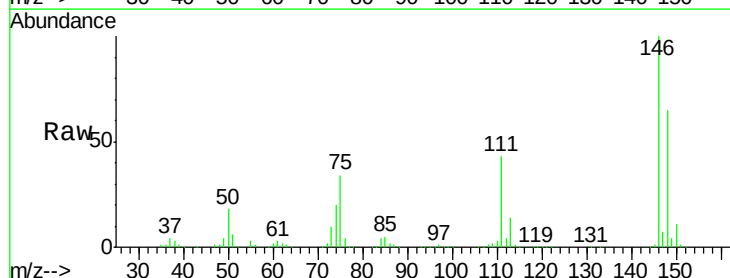
Tgt Ion: 146 Resp: 827421

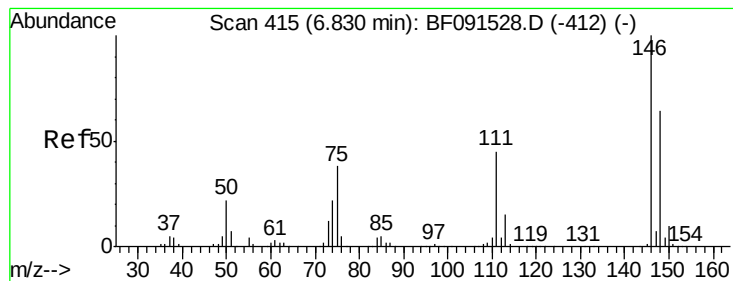
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

75 33.9 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 43.18 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

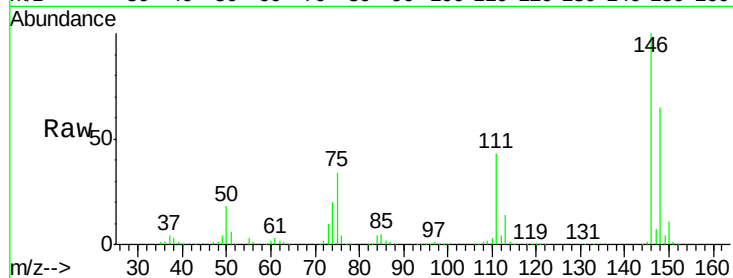
Tgt Ion:146 Resp: 827421

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

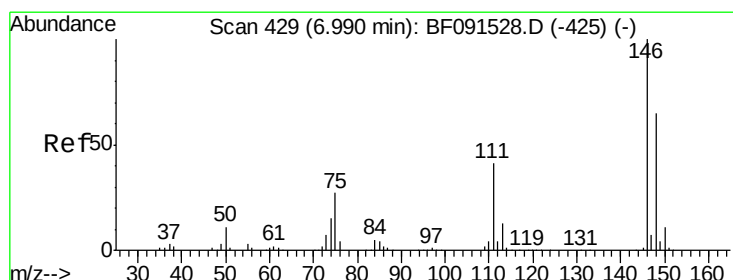
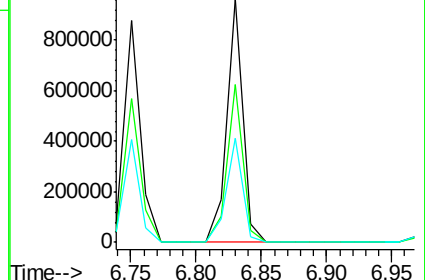
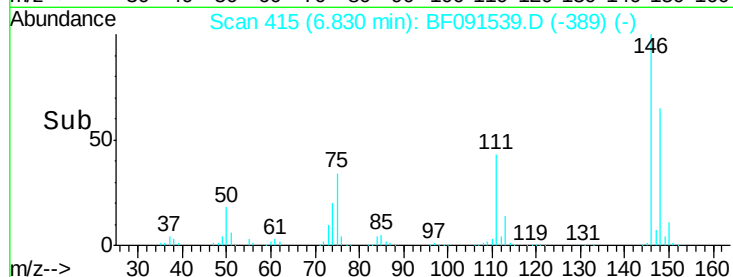
111 42.7 32.2 48.2



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: 42.76 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

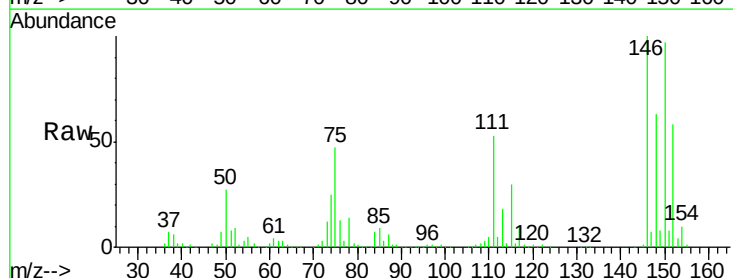
Tgt Ion:146 Resp: 738293

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

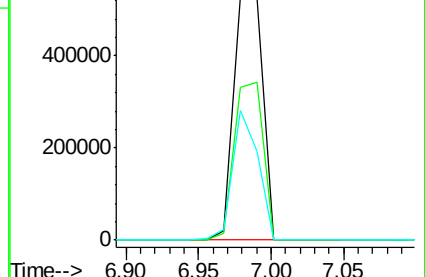
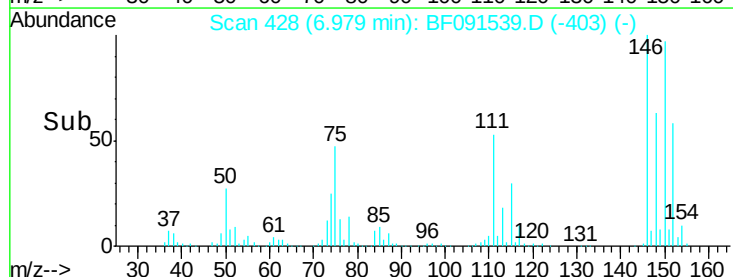
111 53.2 38.9 58.3

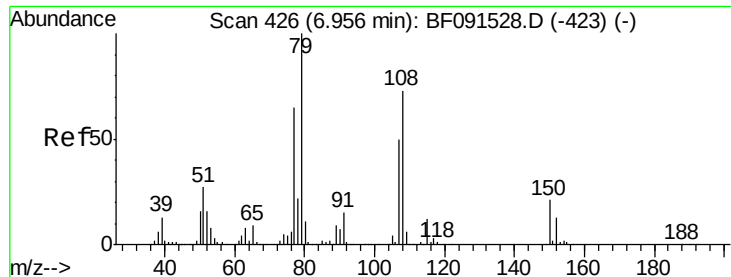


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.77 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

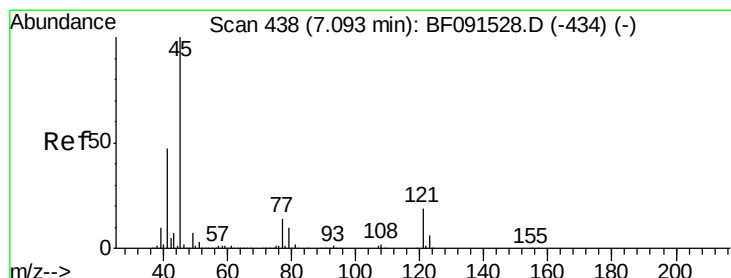
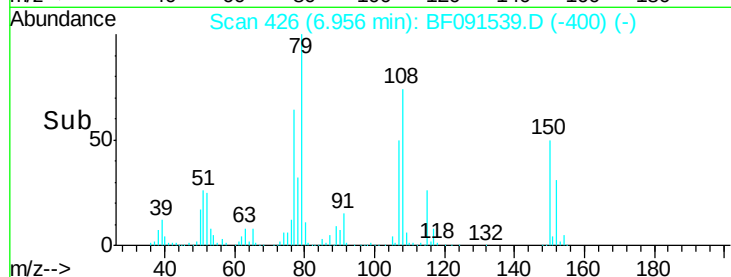
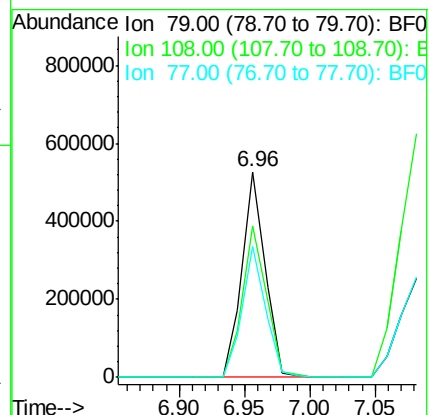
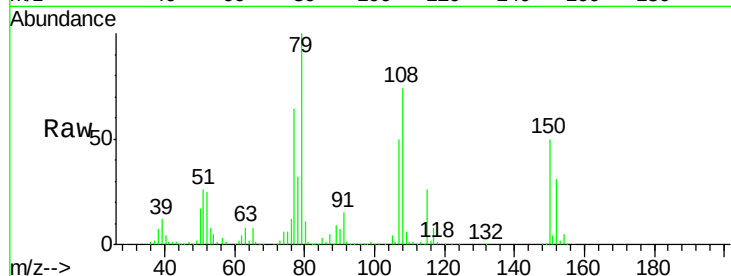
Tgt Ion: 79 Resp: 652521

Ion Ratio Lower Upper

79 100

108 73.8 62.7 94.1

77 63.8 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.34 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

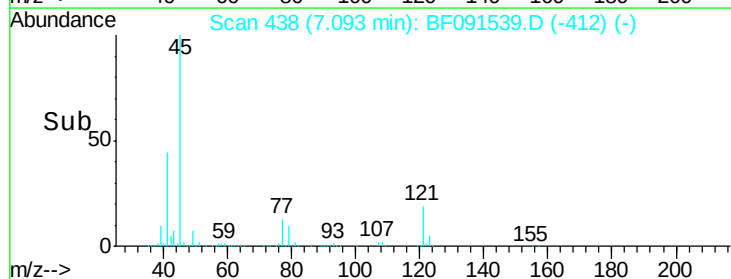
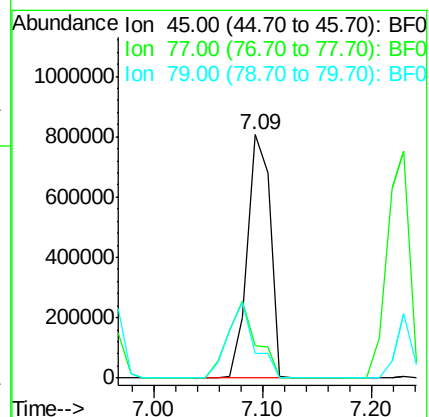
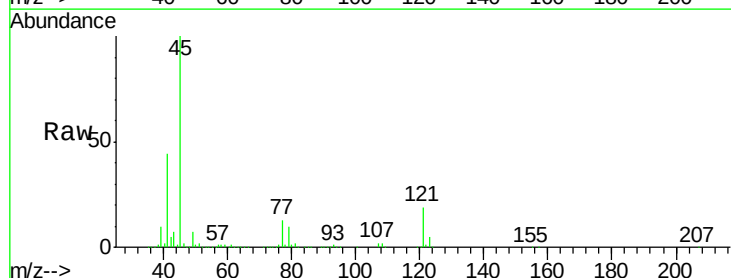
Tgt Ion: 45 Resp: 1167317

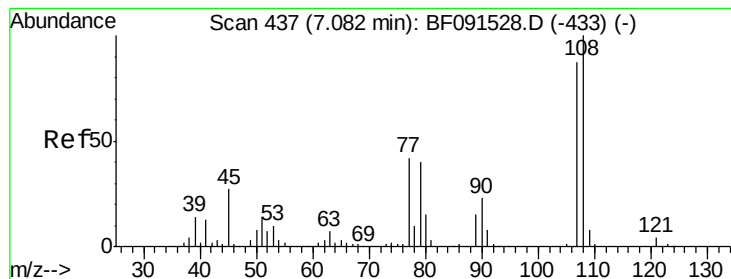
Ion Ratio Lower Upper

45 100

77 13.5 3.8 43.8

79 10.3 0.2 40.2





#17

2-Methylphenol

Concen: 46.15 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tgt Ion:107 Resp: 684041

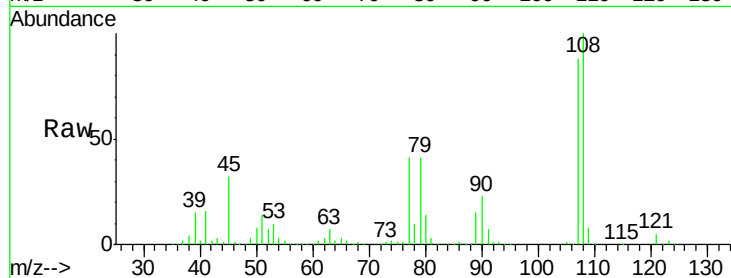
Ion Ratio Lower Upper

107 100

108 114.0 67.7 101.5#

77 46.7 40.7 61.1

79 46.3 23.4 35.2#

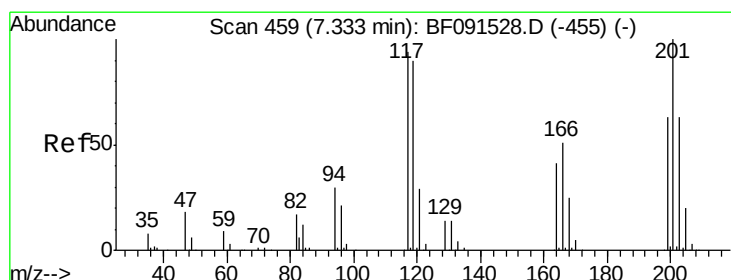
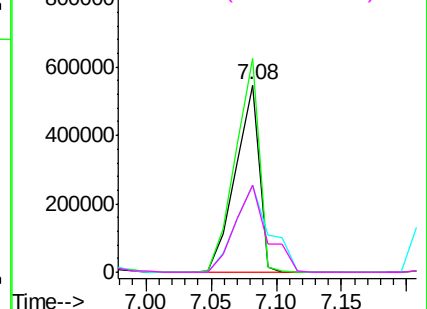
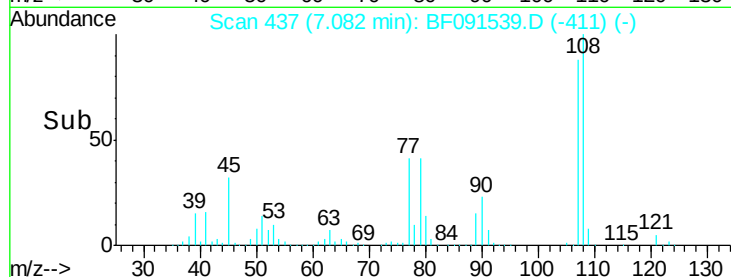


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.78 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

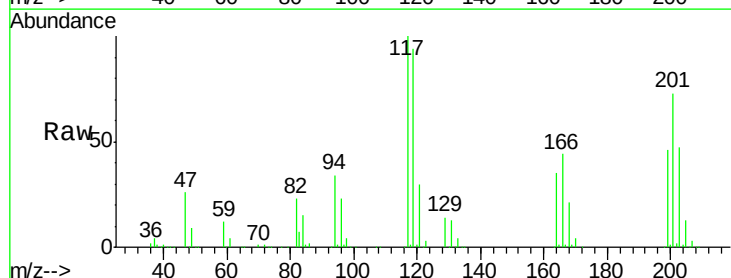
Tgt Ion:117 Resp: 319920

Ion Ratio Lower Upper

117 100

119 93.9 78.6 118.0

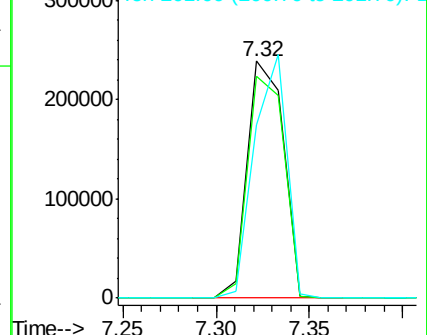
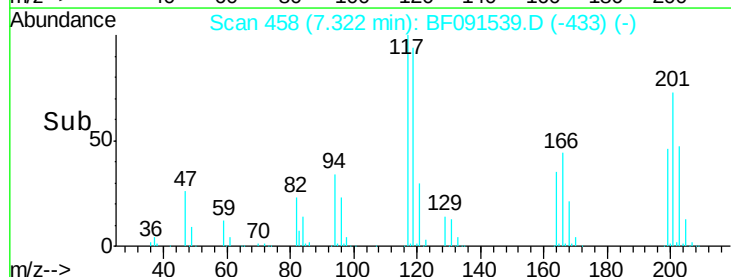
201 73.3 86.7 130.1#

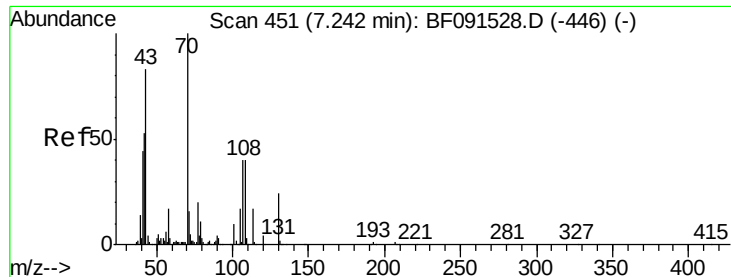


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

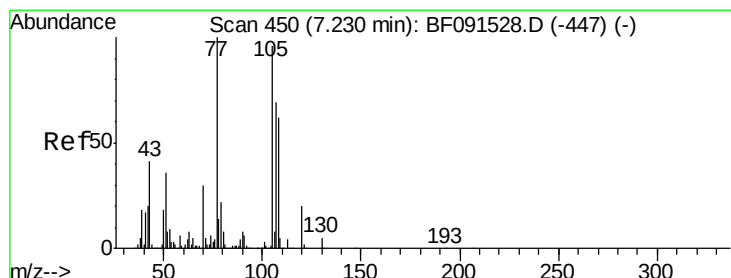
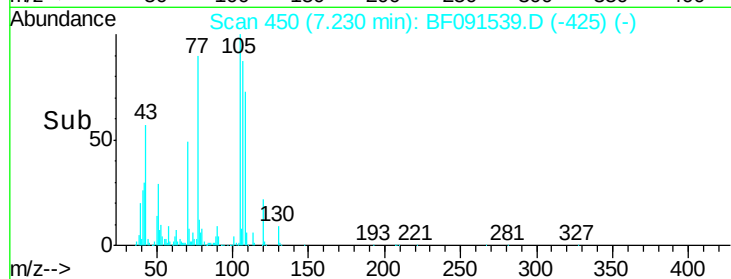
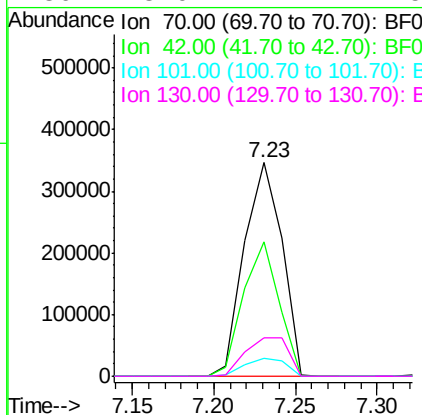
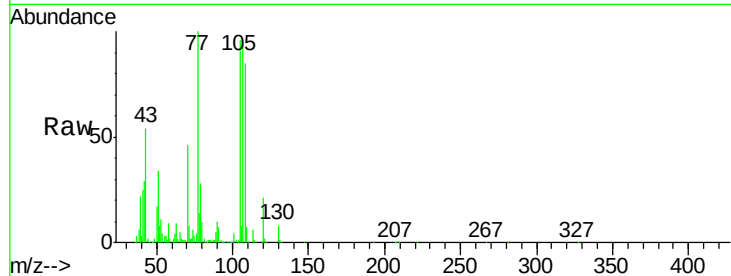




#19
n-Nitroso-di-n-propylamine
Concen: 44.88 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

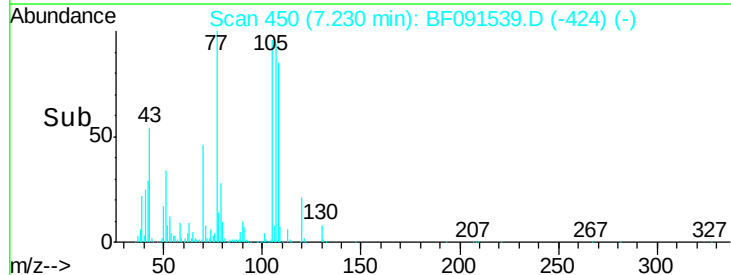
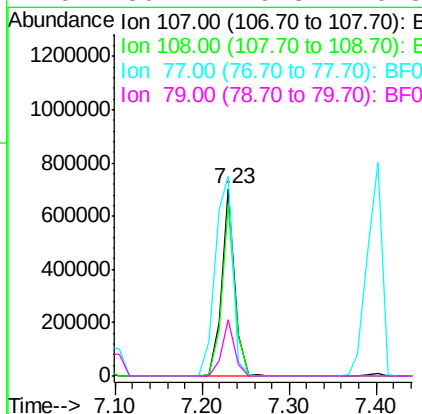
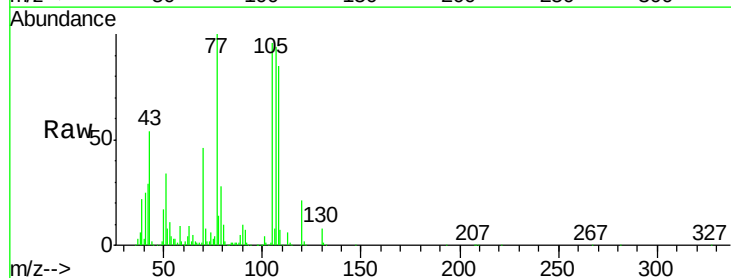
Instrument :
BNA_F
ClientSampleId :
PB95152BS

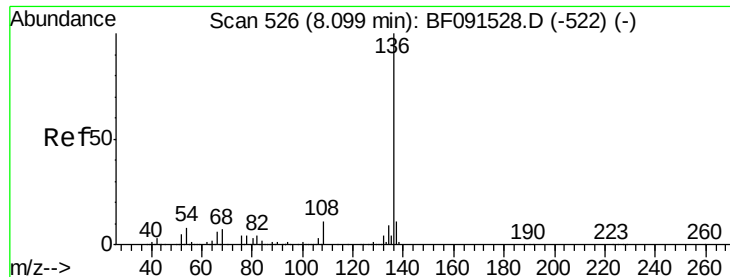
Tgt Ion: 70 Resp: 555289
Ion Ratio Lower Upper
70 100
42 63.0 64.8 97.2#
101 8.6 6.2 9.4
130 18.0 11.7 17.5#



#20
3+4-Methylphenols
Concen: 46.10 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:107 Resp: 736673
Ion Ratio Lower Upper
107 100
108 91.0 64.6 104.6
77 106.6 30.9 70.9#
79 30.2 9.3 49.3

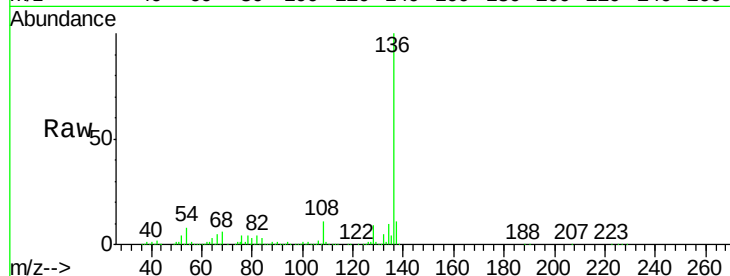




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tgt Ion:	136	Resp:	1100808
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.8	9.1	13.7#
68	6.0	5.9	8.9



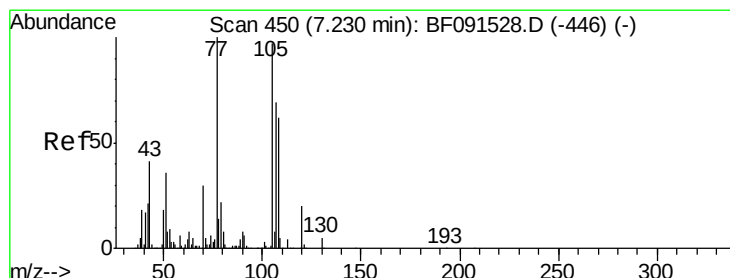
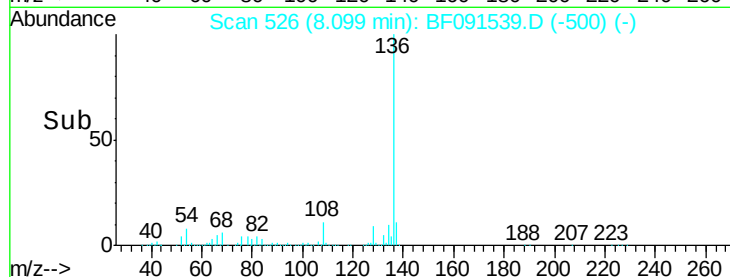
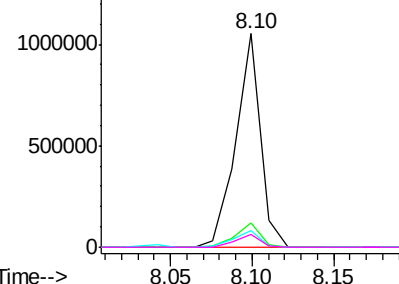
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

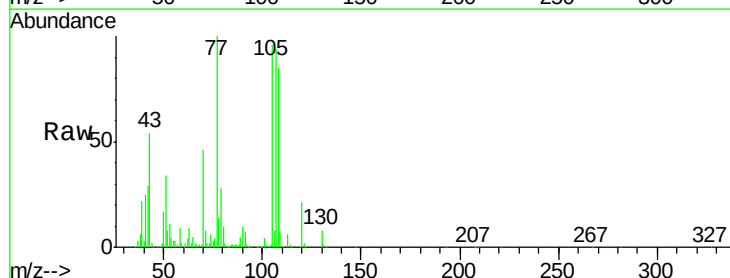
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 41.54 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:	105	Resp:	1095658
Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.9	11.9
51	35.8	24.5	36.7
120	21.7	16.6	24.8



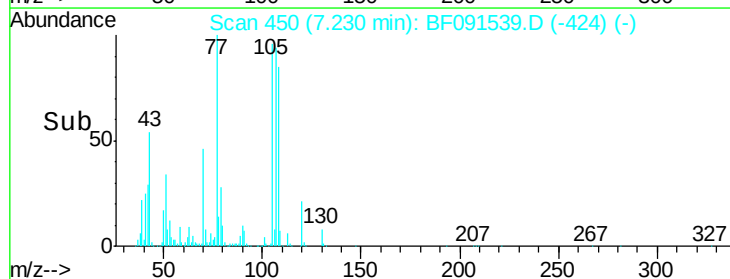
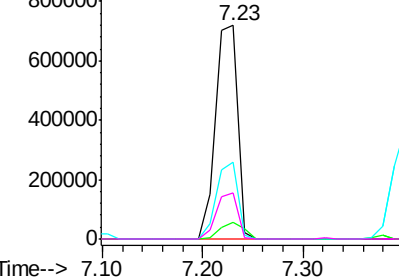
Abundance

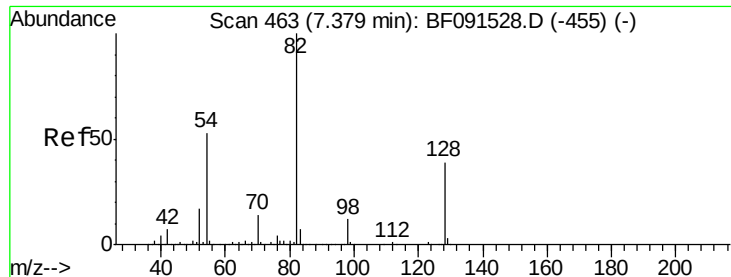
Ion 105.00 (104.70 to 105.70): E

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

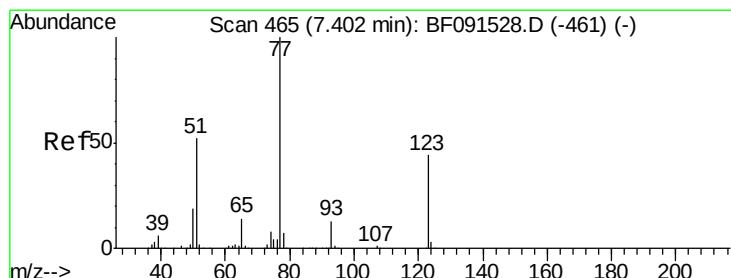
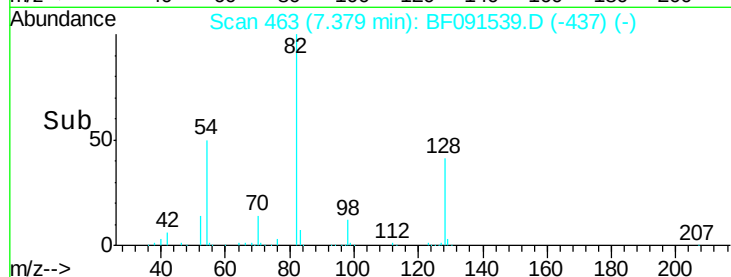
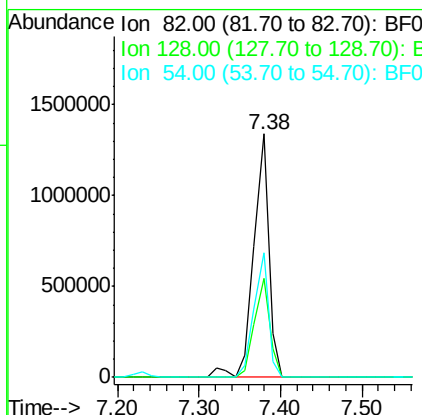
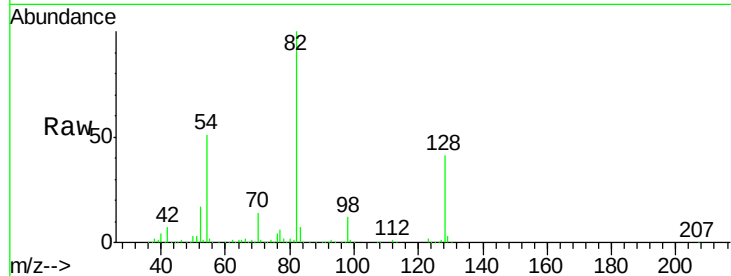




#23
Nitrobenzene-d5
Concen: 87.87 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

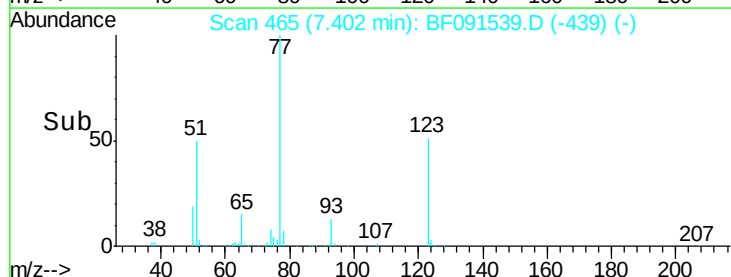
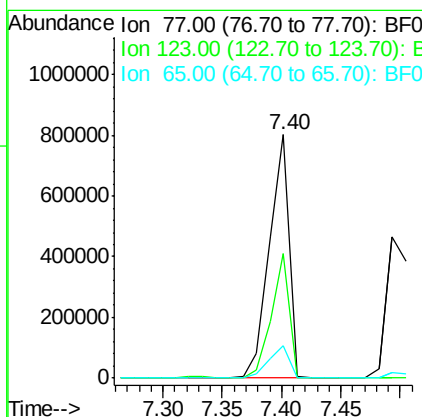
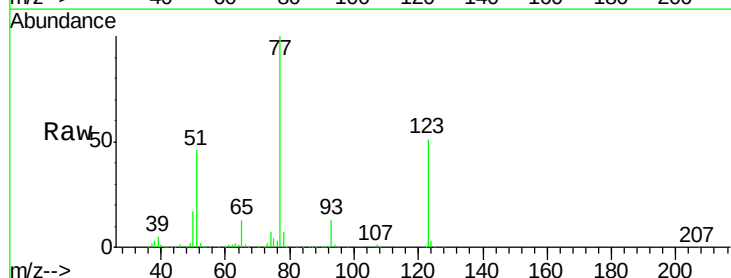
Instrument :
BNA_F
ClientSampleId :
PB95152BS

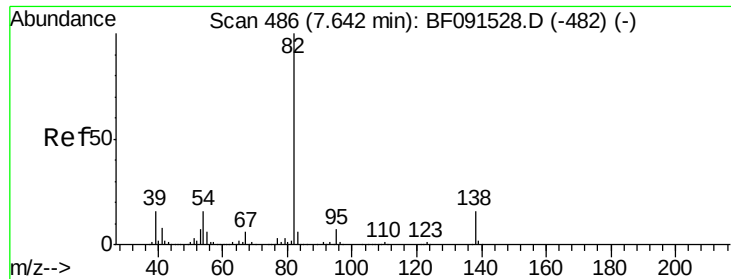
Tgt Ion: 82 Resp: 1733141
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 51.1 49.1 73.7



#24
Nitrobenzene
Concen: 44.60 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion: 77 Resp: 929376
Ion Ratio Lower Upper
77 100
123 51.4 28.5 42.7#
65 13.1 12.5 18.7





#25

Isophorone

Concen: 45.33 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

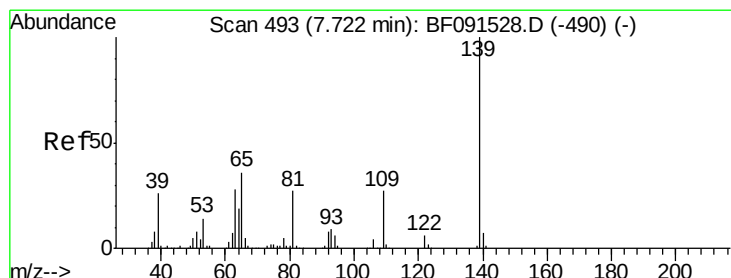
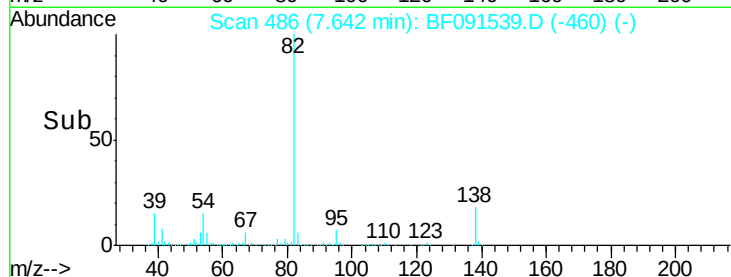
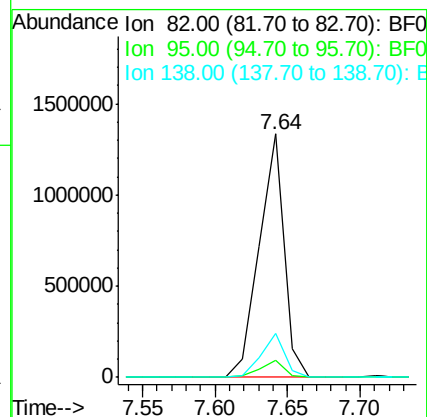
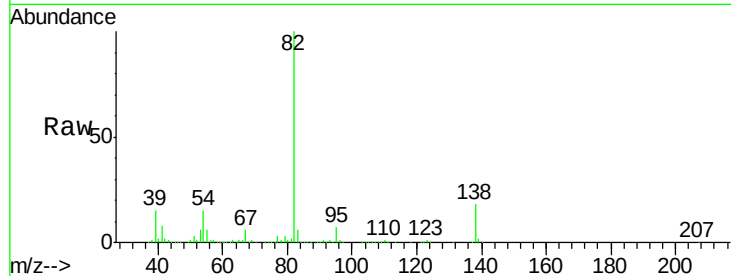
Tgt Ion: 82 Resp: 1589435

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 17.9 13.4 20.0



#26

2-Nitrophenol

Concen: 44.13 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

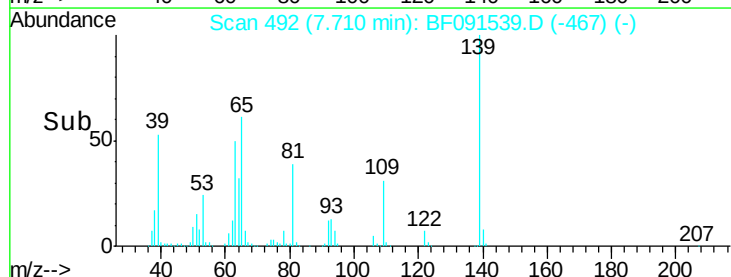
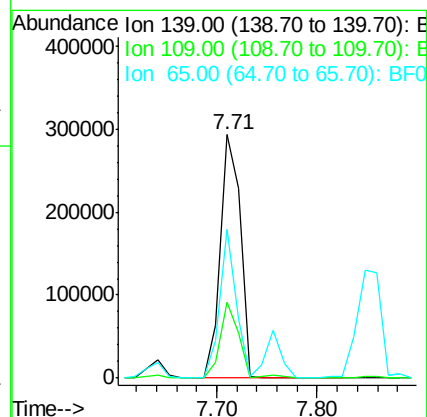
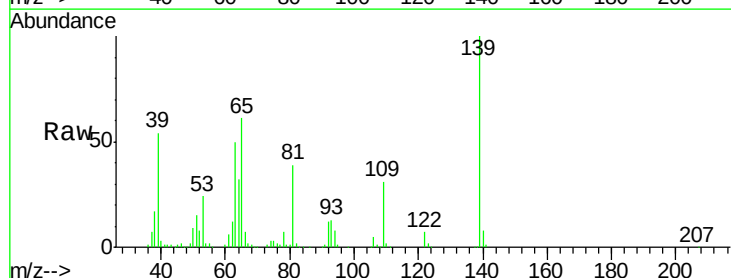
Tgt Ion: 139 Resp: 405882

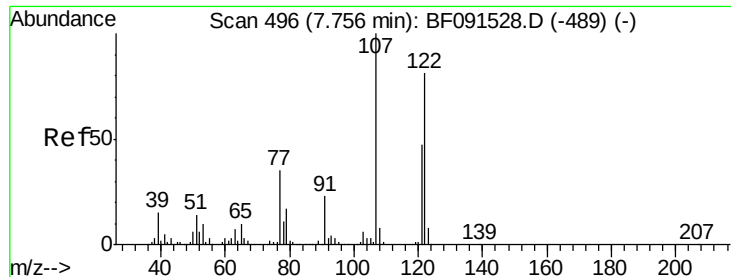
Ion Ratio Lower Upper

139 100

109 31.0 25.3 37.9

65 61.3 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 42.69 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

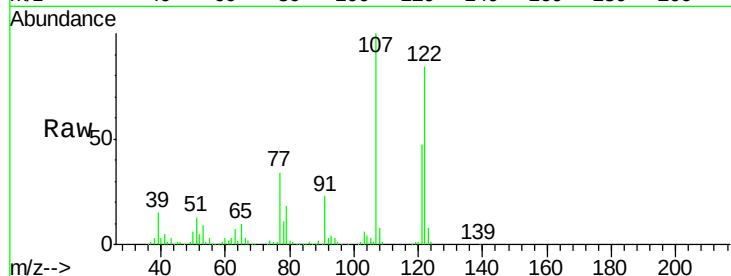
Tgt Ion:122 Resp: 689571

Ion Ratio Lower Upper

122 100

107 118.7 96.8 145.2

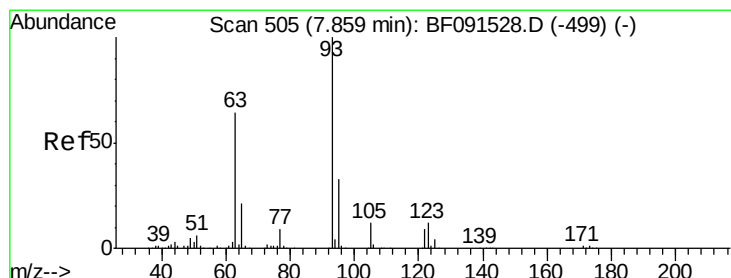
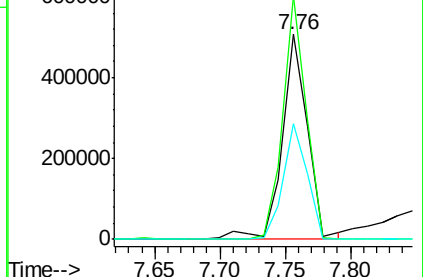
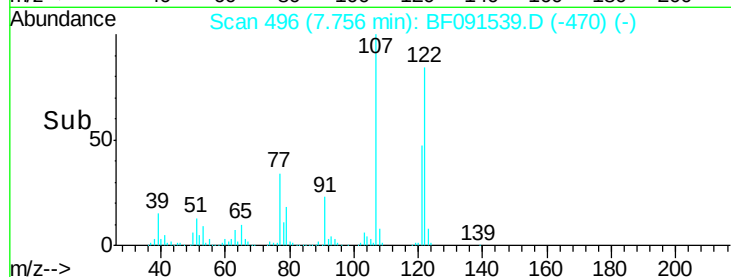
121 56.3 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.84 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

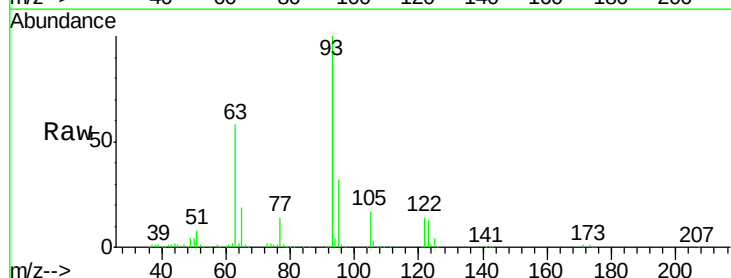
Tgt Ion: 93 Resp: 983953

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

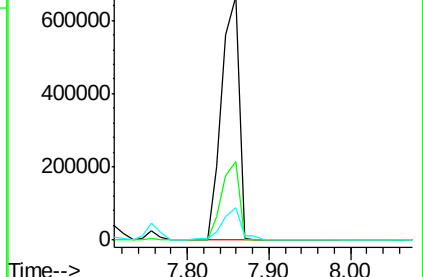
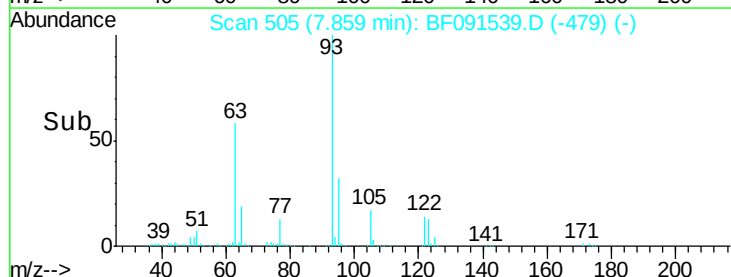
123 13.1 8.6 12.8#

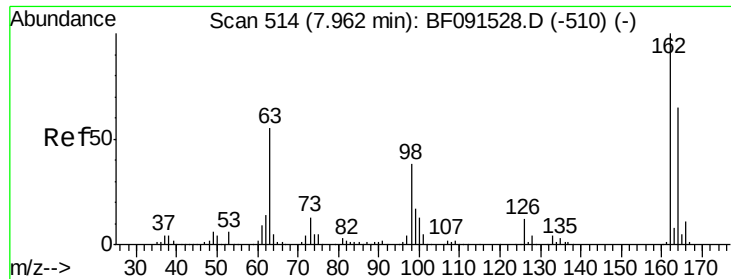


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

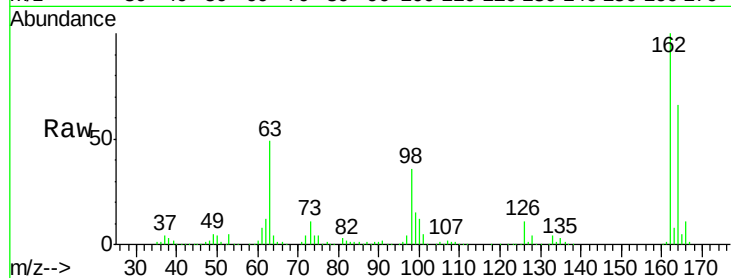




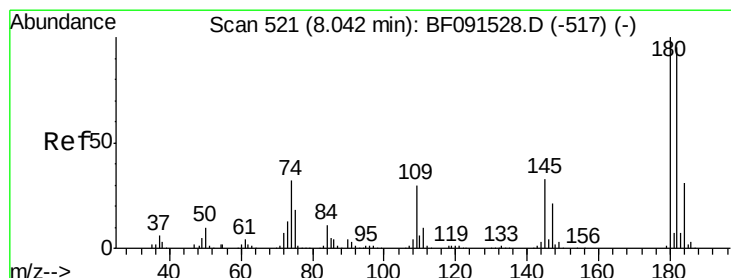
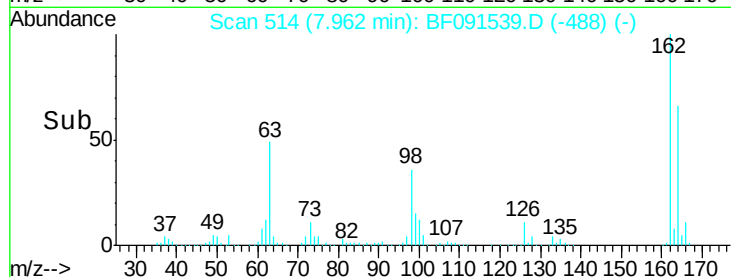
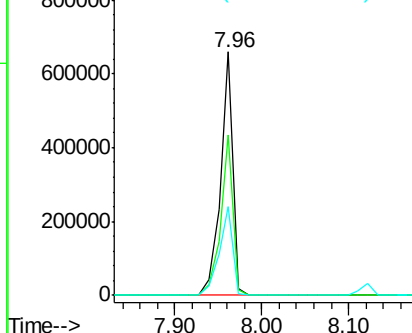
#29
2,4-Dichlorophenol
Concen: 47.03 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tgt Ion:162 Resp: 660988
Ion Ratio Lower Upper
162 100
164 65.8 45.0 85.0
98 36.4 21.3 61.3

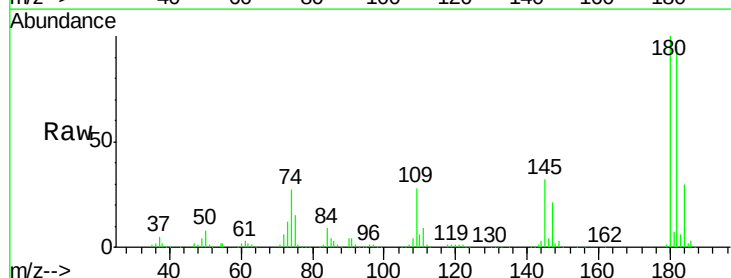


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

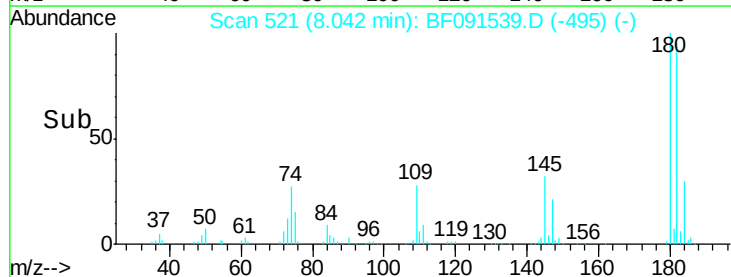
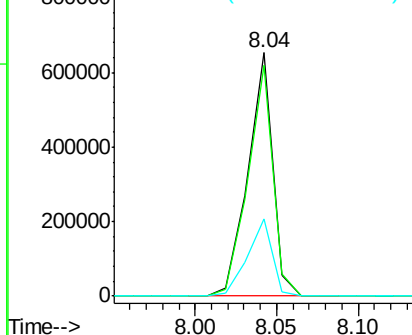


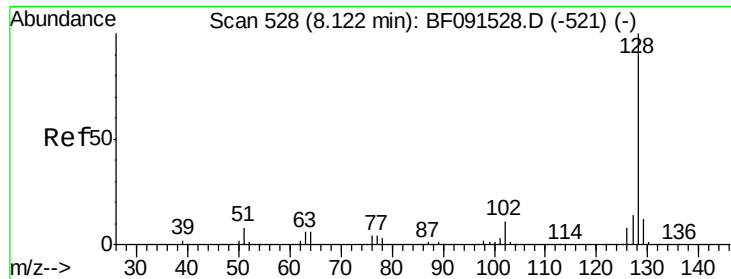
#30
1,2,4-Trichlorobenzene
Concen: 43.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:180 Resp: 686789
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.8
145 31.5 27.0 40.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

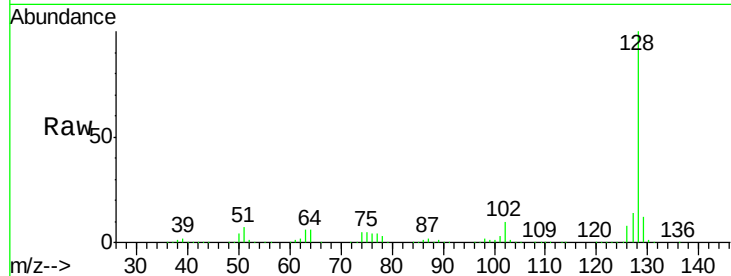




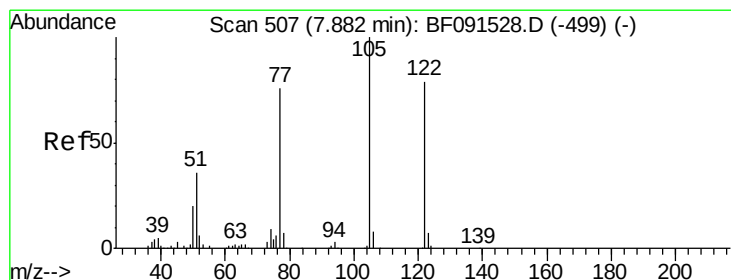
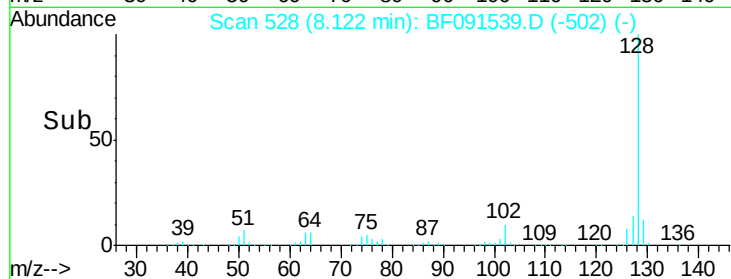
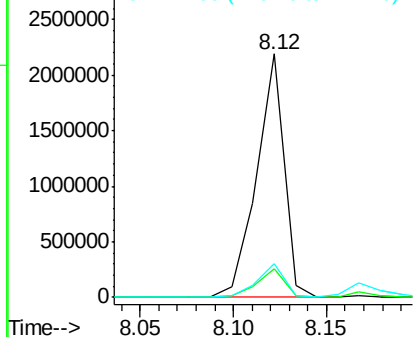
#31
Naphthalene
Concen: 43.49 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tgt Ion:128 Resp: 2227214
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.7 11.0 16.4

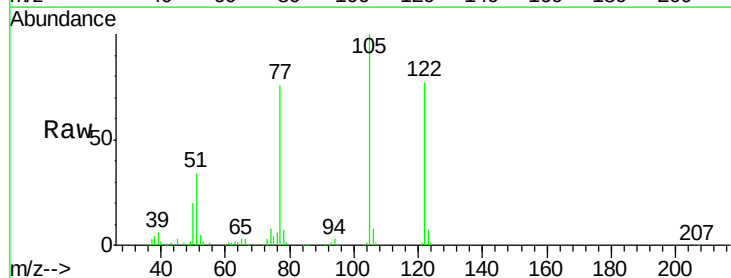


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

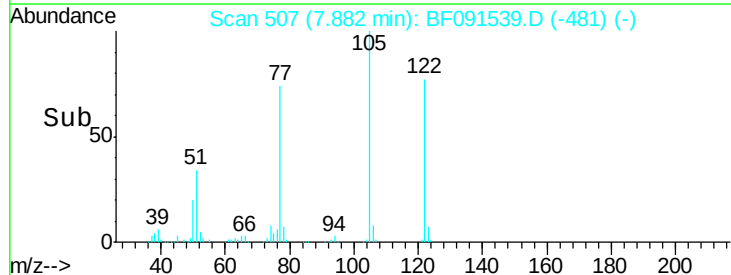
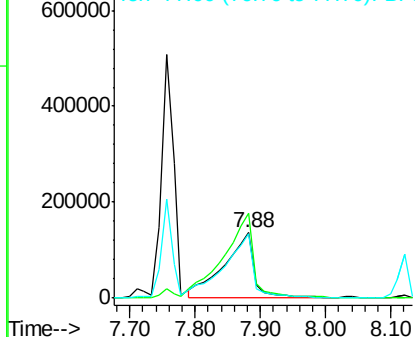


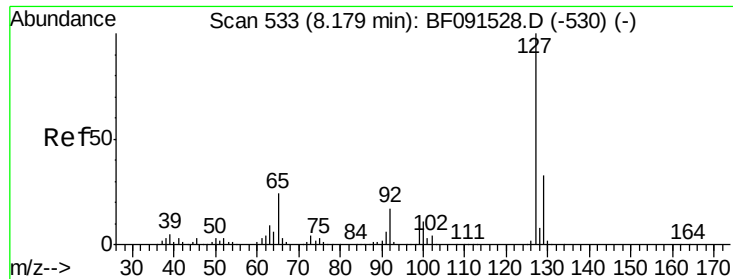
#32
Benzoic acid
Concen: 38.32 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:122 Resp: 431528
Ion Ratio Lower Upper
122 100
105 129.6 113.0 153.0
77 98.1 82.0 122.0



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

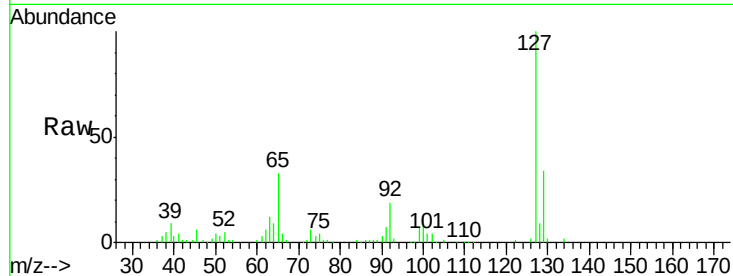




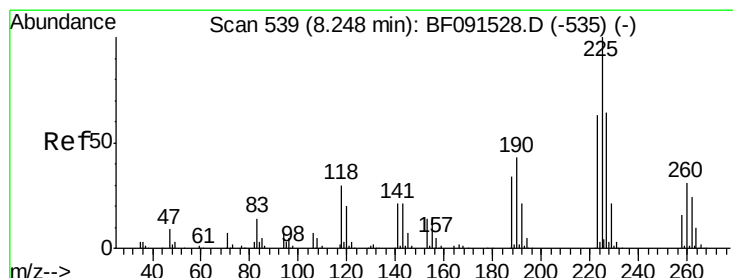
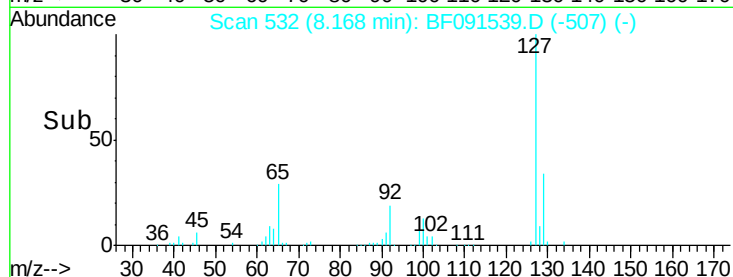
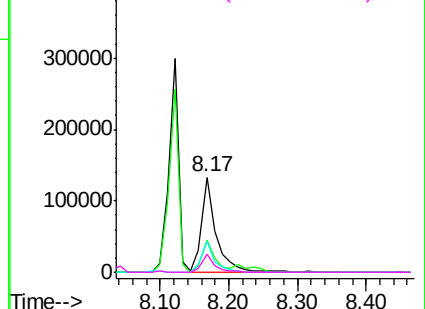
#33
4-Chloroaniline
Concen: 8.78 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tgt Ion:	127	Resp:	193731
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.4
65	32.8	26.6	39.8
92	19.5	15.4	23.0

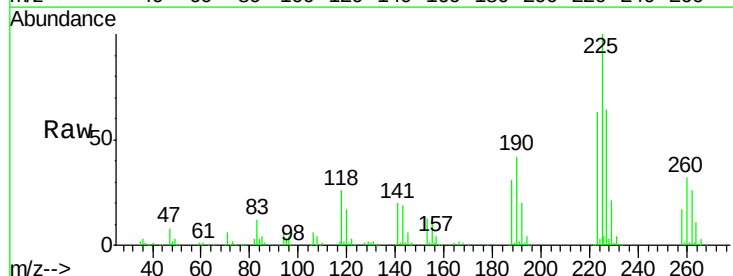


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

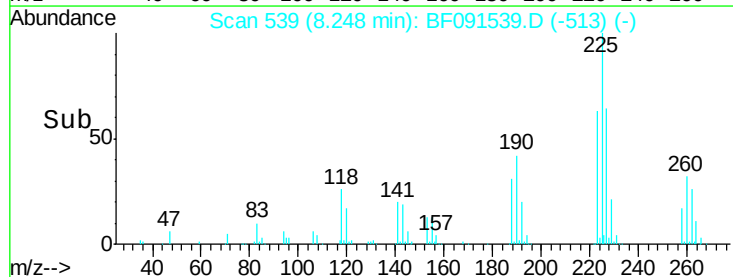
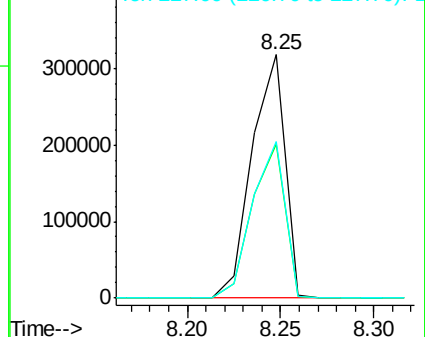


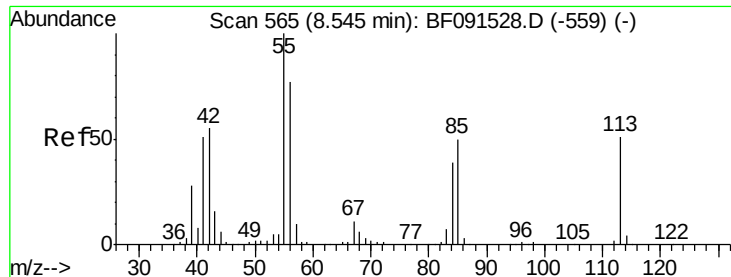
#34
Hexachlorobutadiene
Concen: 42.46 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:	225	Resp:	388769
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	64.2	52.6	79.0



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

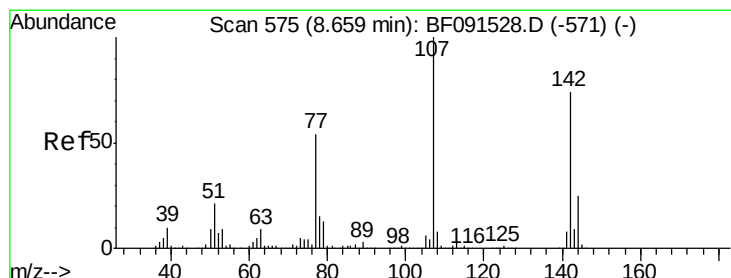
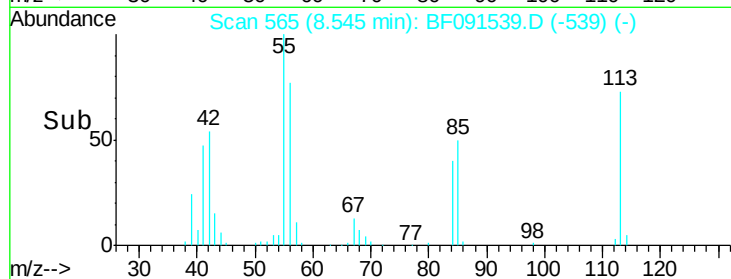
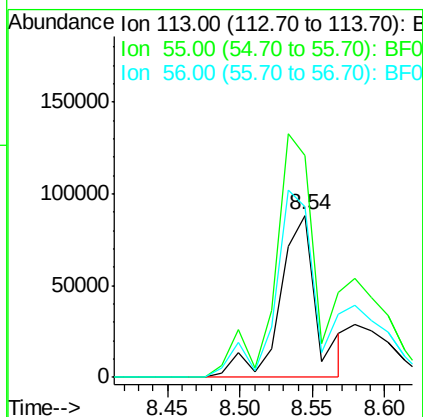
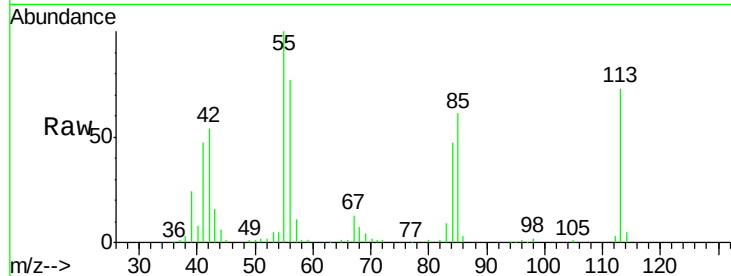




#35
 Caprolactam
 Concen: 37.88 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

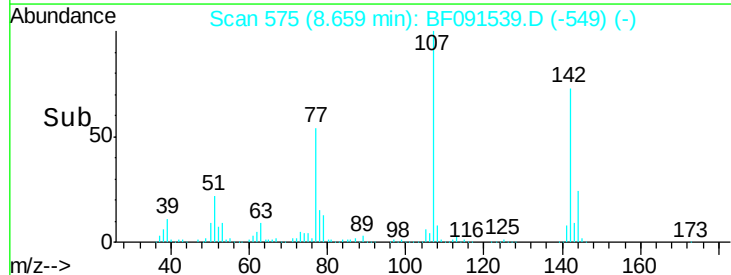
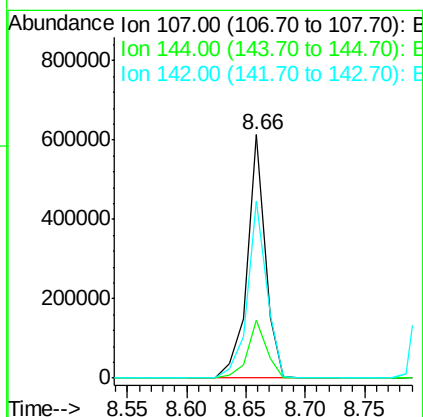
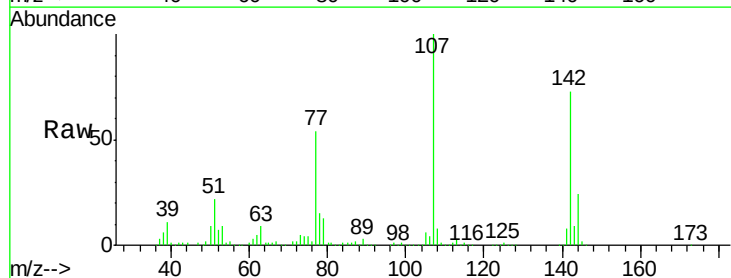
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

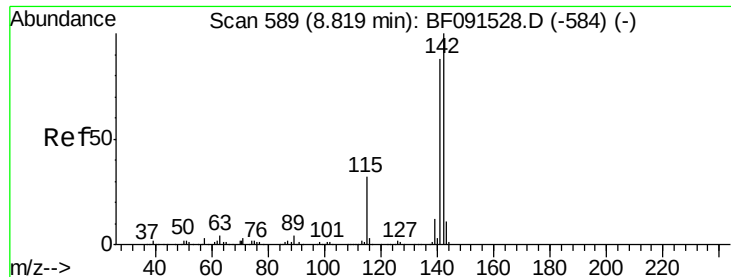
Tgt Ion:113 Resp: 155470
 Ion Ratio Lower Upper
 113 100
 55 136.8 239.8 279.8#
 56 105.3 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 41.77 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:107 Resp: 658448
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.9 28.3
 142 72.9 58.5 87.7

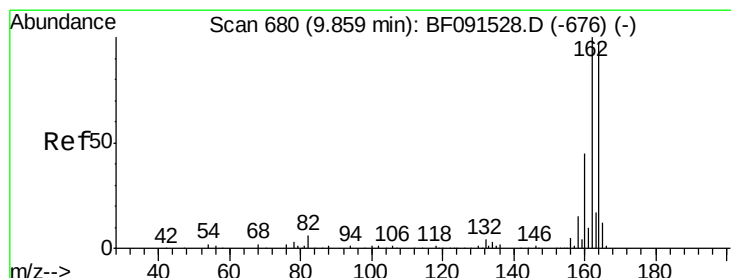
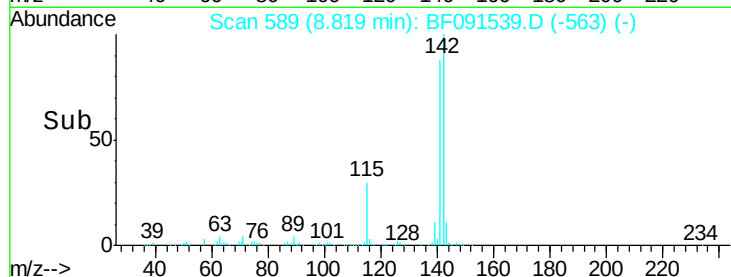
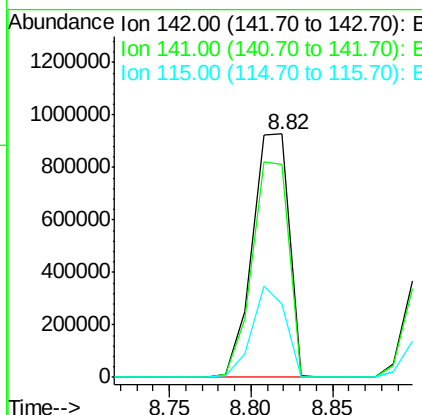
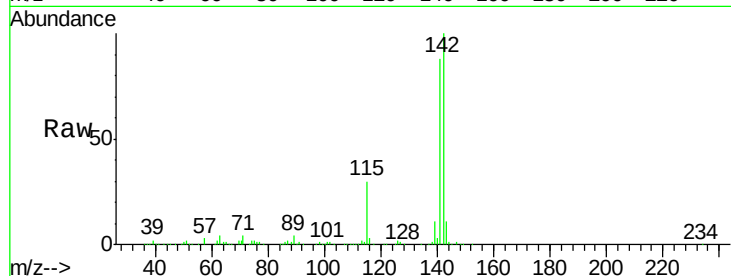




#37
2-Methylnaphthalene
Concen: 43.90 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

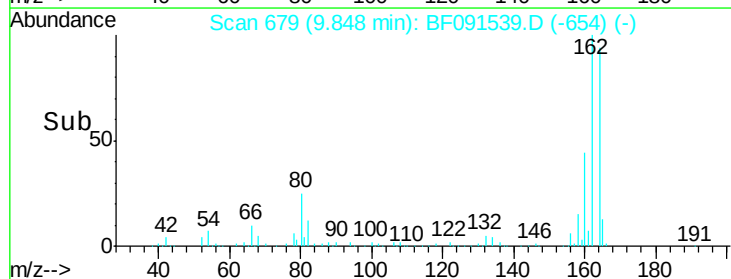
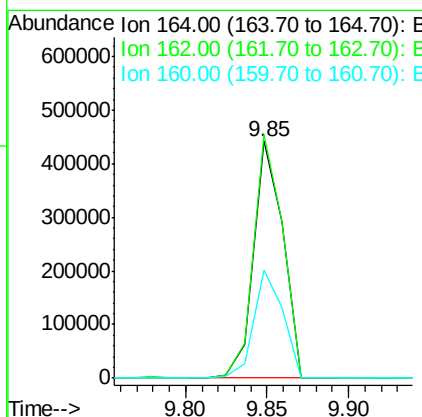
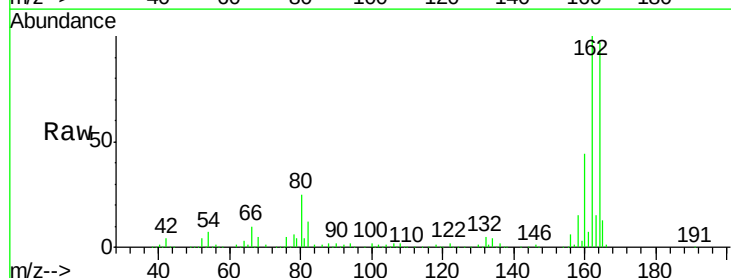
Instrument :
BNA_F
ClientSampleId :
PB95152BS

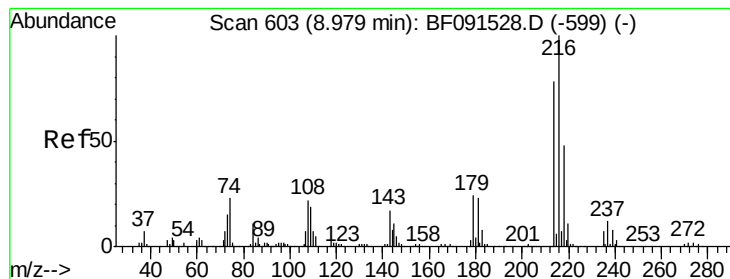
Tgt Ion:142 Resp: 1455432
Ion Ratio Lower Upper
142 100
141 87.6 71.7 107.5
115 30.1 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:164 Resp: 551808
Ion Ratio Lower Upper
164 100
162 102.8 82.6 124.0
160 45.3 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.61 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tgt Ion:216 Resp: 569248

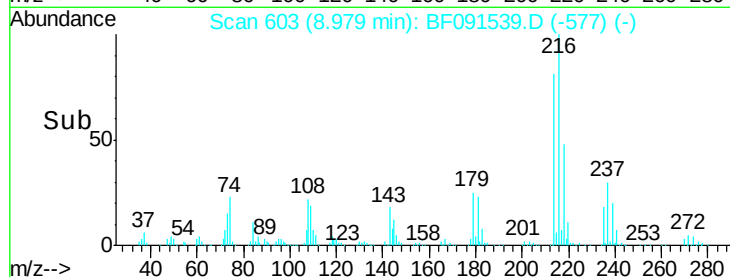
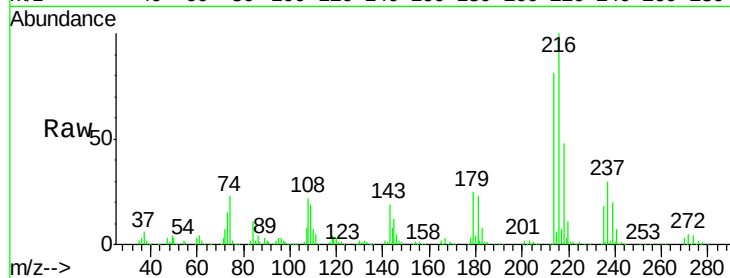
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.8

179 23.9 18.2 27.2

108 26.1 17.2 25.8#

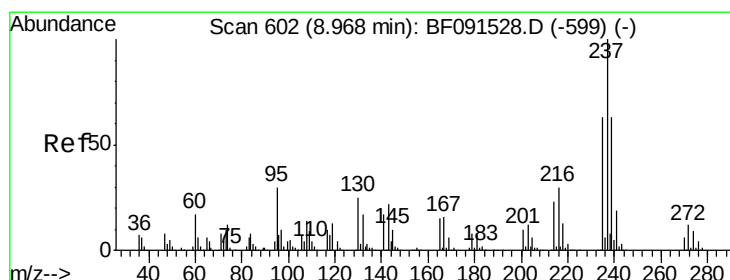
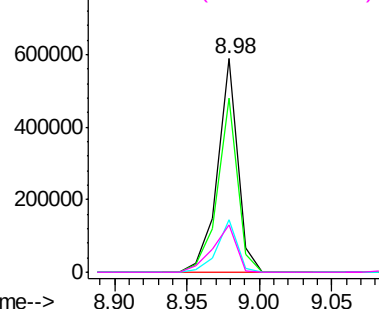


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 101.13 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

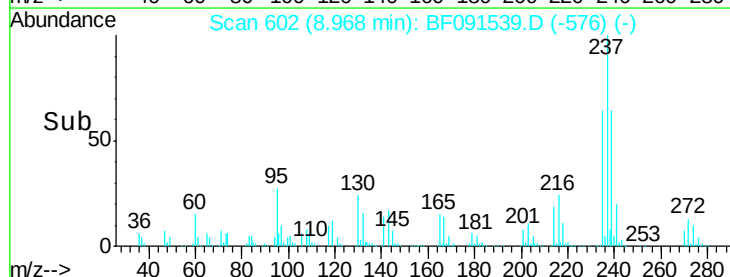
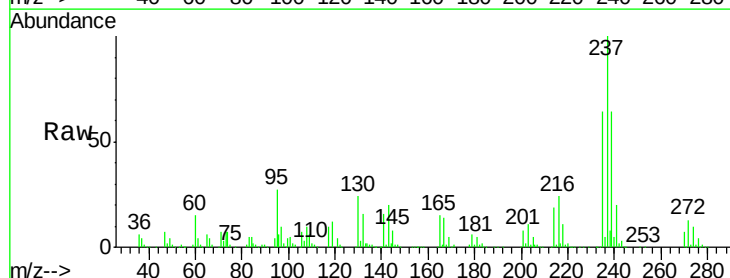
Tgt Ion:237 Resp: 682359

Ion Ratio Lower Upper

237 100

235 63.8 43.9 83.9

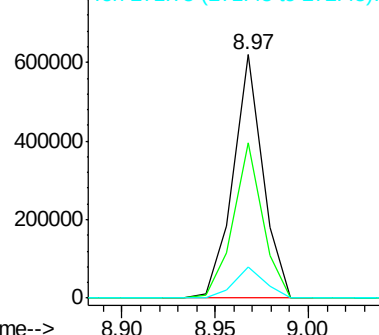
272 12.6 0.0 33.1

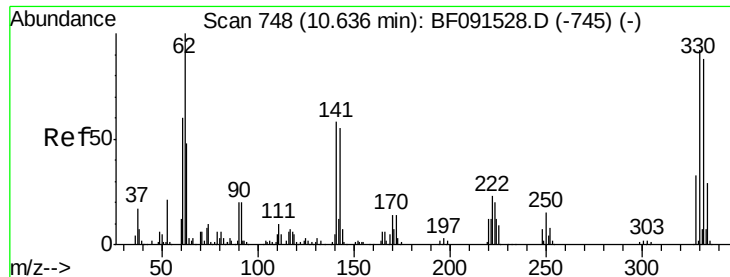


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

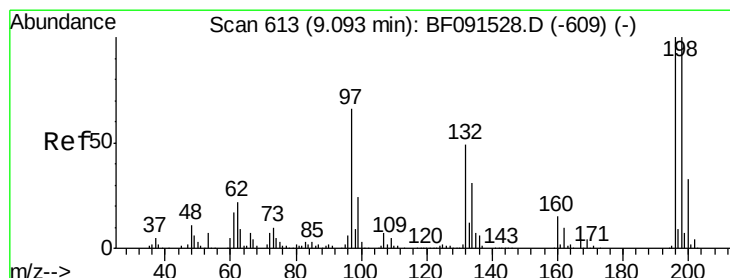
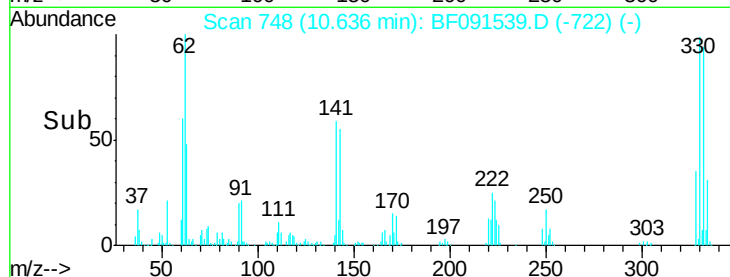
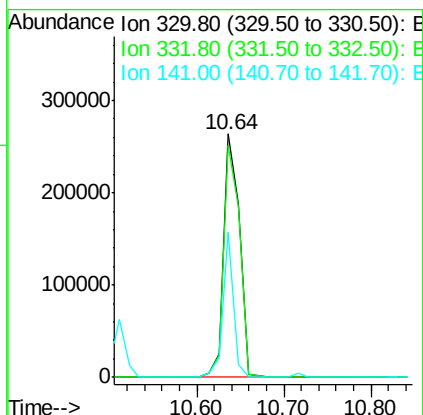
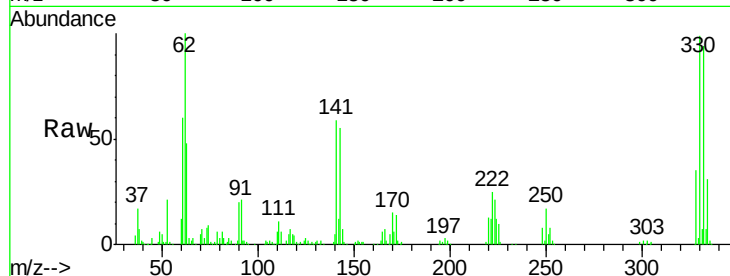




#41
 2,4,6-Tribromophenol
 Concen: 73.48 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

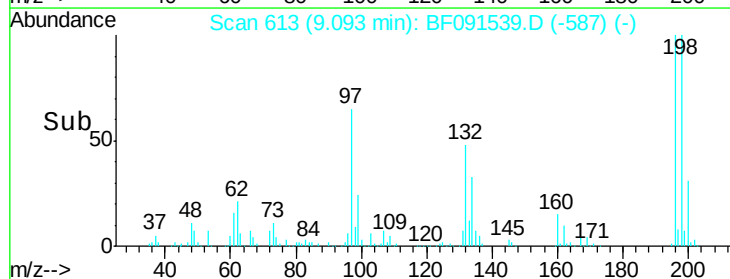
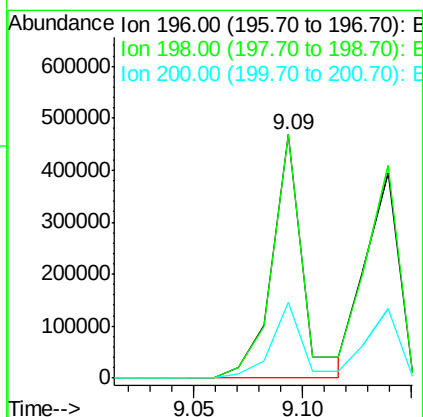
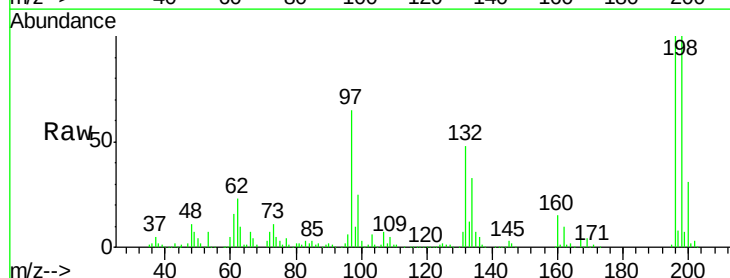
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

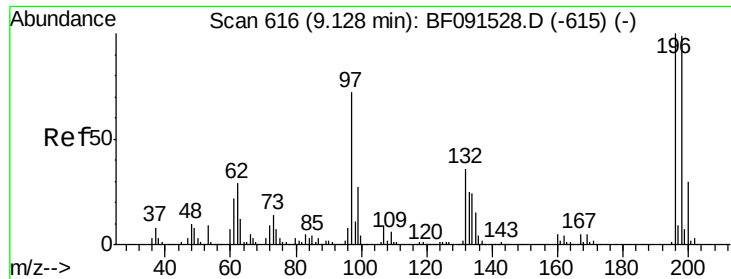
Tgt Ion:330 Resp: 336789
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.4
 141 40.3 33.6 50.4



#42
 2,4,6-Trichlorophenol
 Concen: 47.42 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:196 Resp: 461157
 Ion Ratio Lower Upper
 196 100
 198 99.8 77.4 116.0
 200 31.4 25.2 37.8

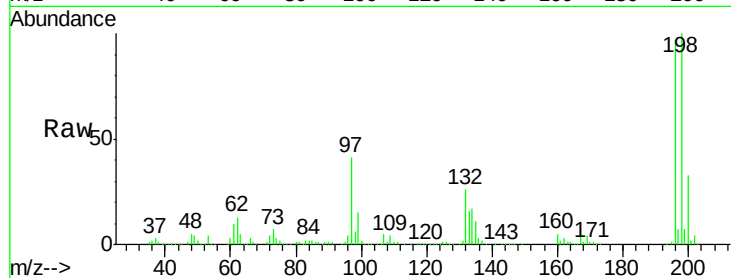




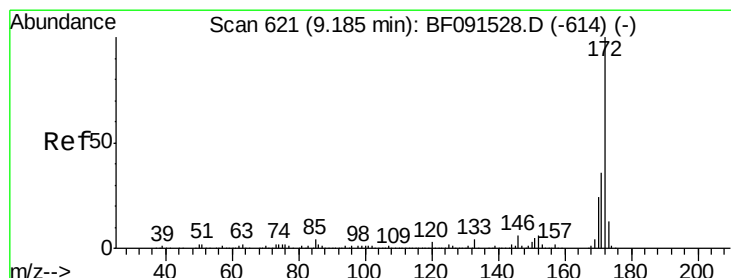
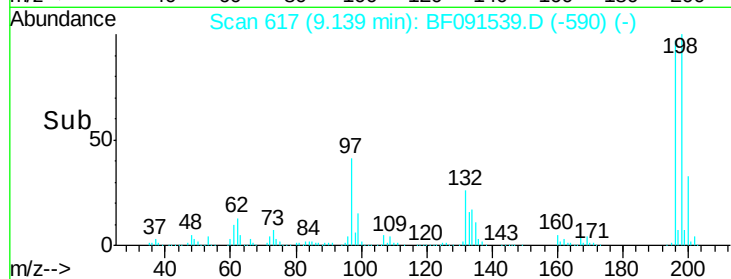
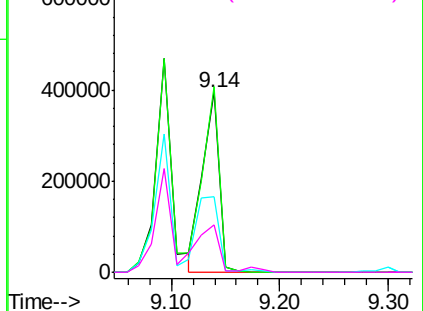
#43
 2,4,5-Trichlorophenol
 Concen: 42.24 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tgt Ion:196 Resp: 422147
 Ion Ratio Lower Upper
 196 100
 198 103.5 77.0 115.6
 97 42.1 33.5 50.3
 132 26.5 20.5 30.7

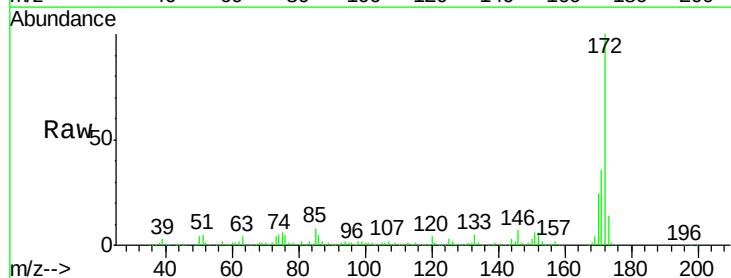


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

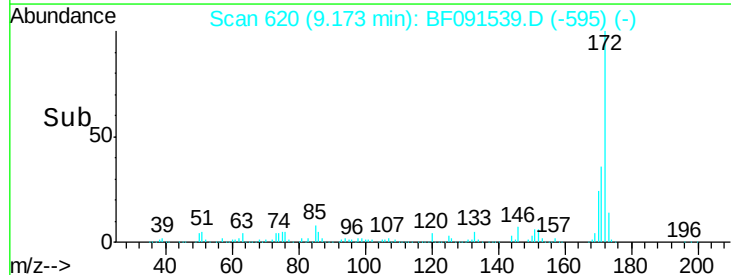
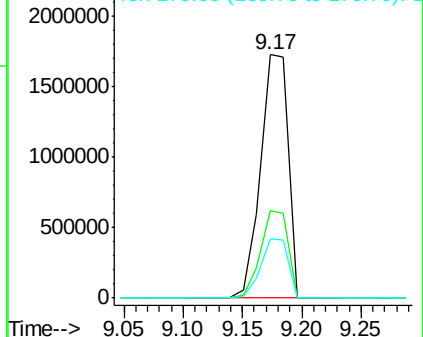


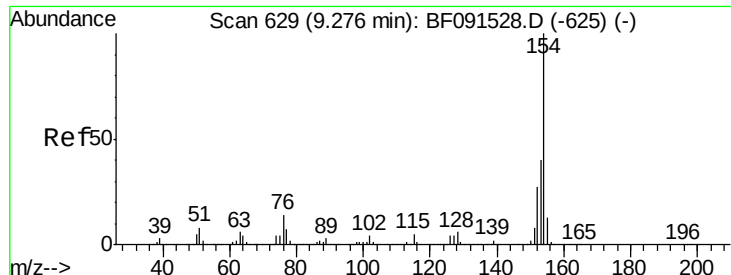
#44
 2-Fluorobiphenyl
 Concen: 88.11 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:172 Resp: 2813983
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.4 19.7 29.5



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: 41.84 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

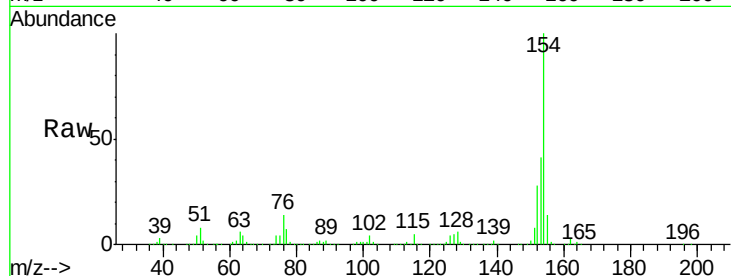
Tgt Ion:154 Resp: 1672441

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

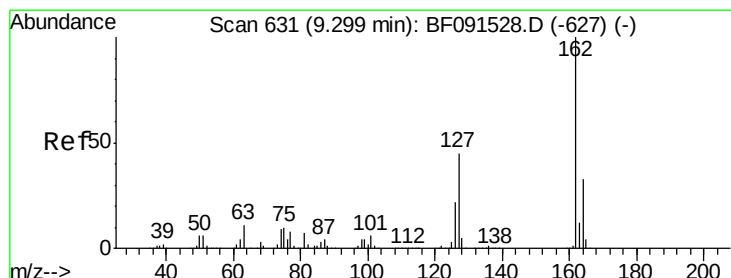
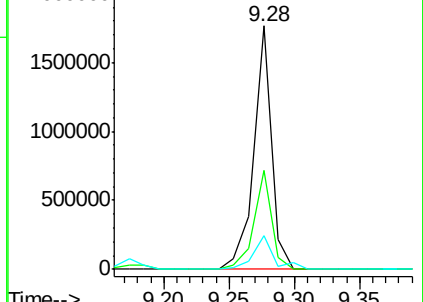
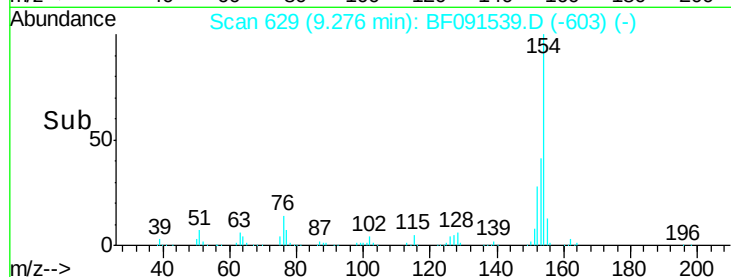
76 13.7 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.98 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

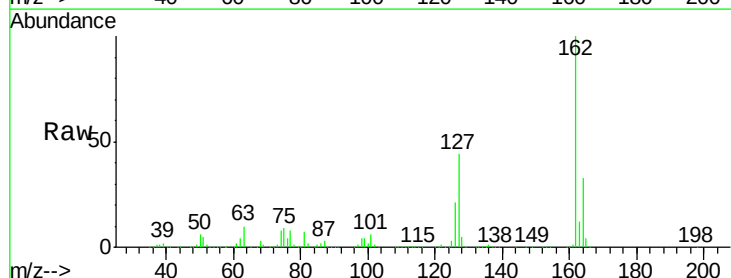
Tgt Ion:162 Resp: 1268476

Ion Ratio Lower Upper

162 100

127 44.2 34.3 51.5

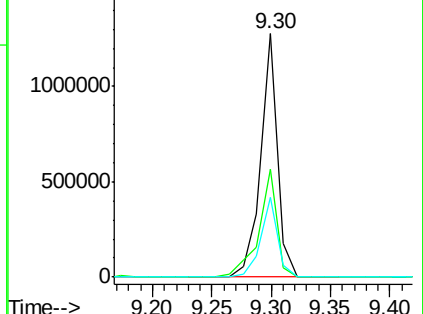
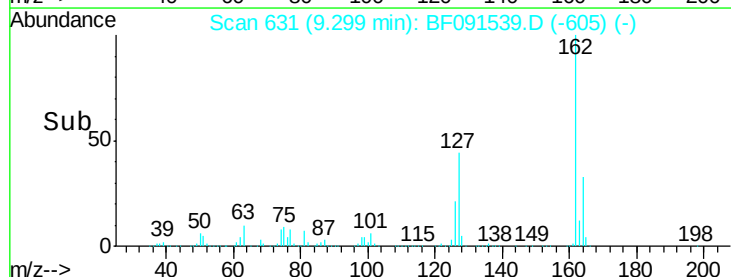
164 32.9 26.6 40.0

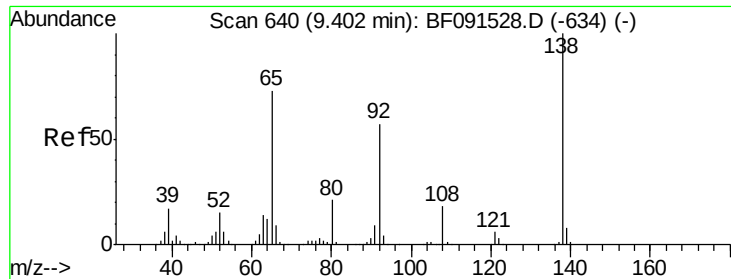


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

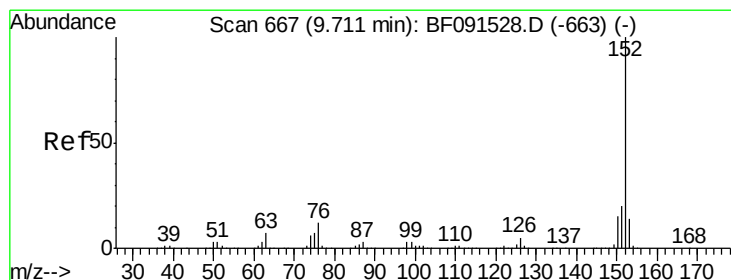
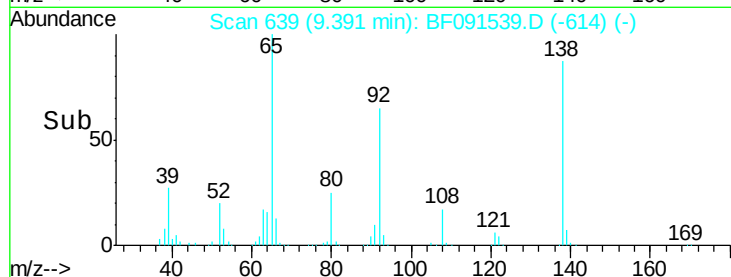
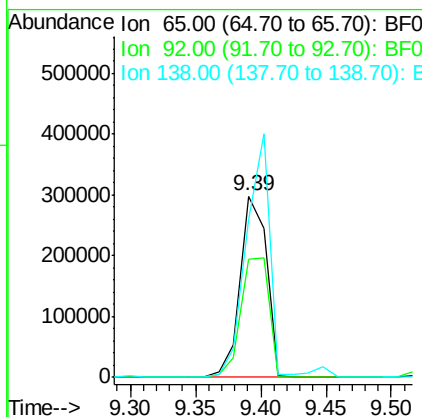
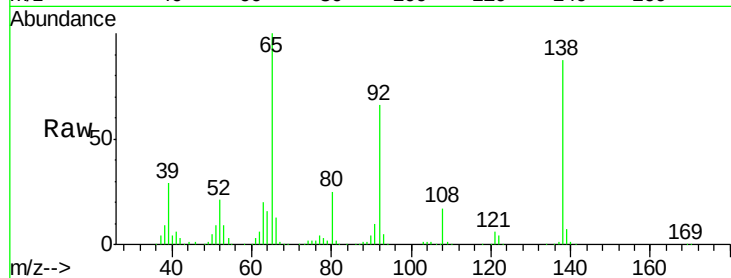




#47
2-Nitroaniline
Concen: 40.08 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

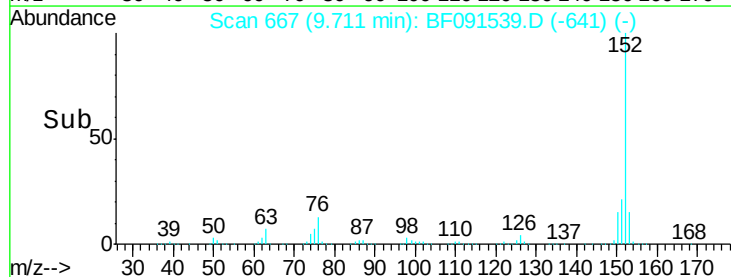
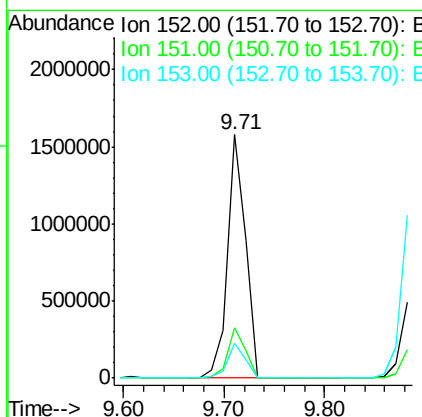
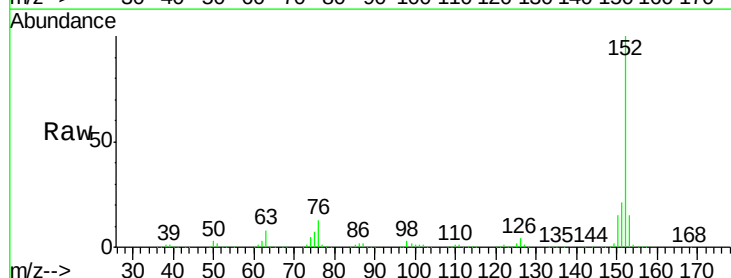
Instrument :
BNA_F
ClientSampleId :
PB95152BS

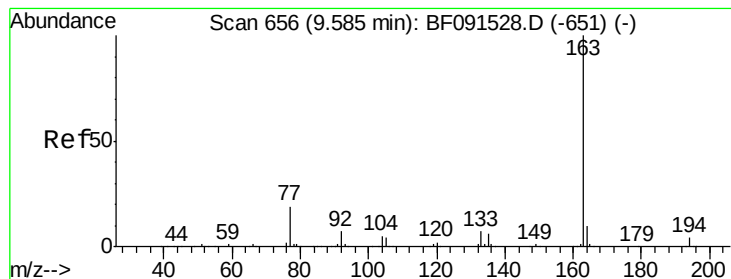
Tgt Ion: 65 Resp: 417150
Ion Ratio Lower Upper
65 100
92 65.5 53.6 80.4
138 87.2 91.0 136.6#



#48
Acenaphthylene
Concen: 41.31 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion: 152 Resp: 1948835
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.6 10.7 16.1





#49

Dimethylphthalate

Concen: 45.42 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

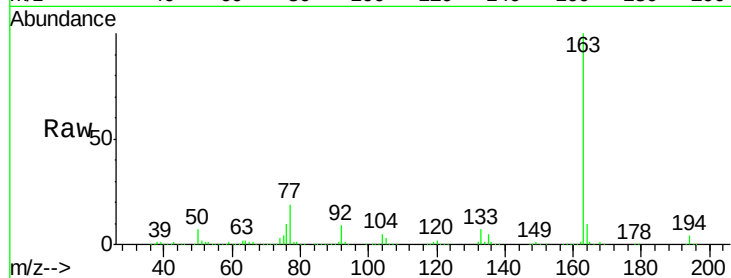
Tgt Ion:163 Resp: 1586956

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.3 7.8 11.8

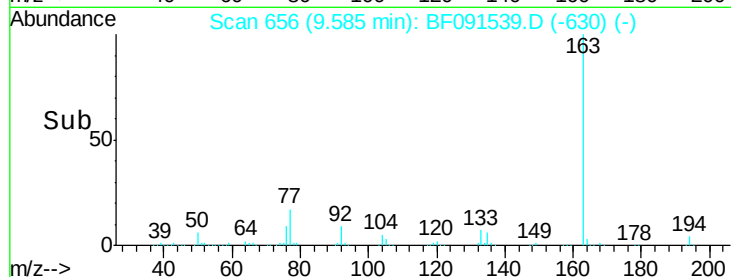


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

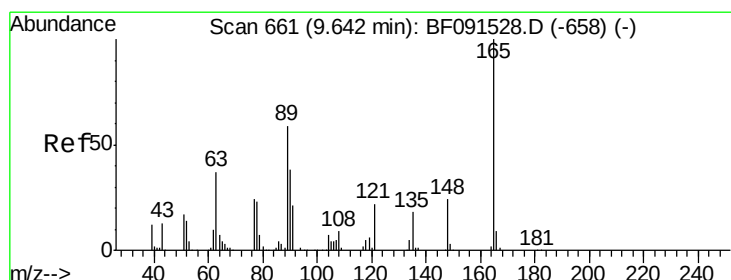
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#50

2,6-Dinitrotoluene

Concen: 49.13 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

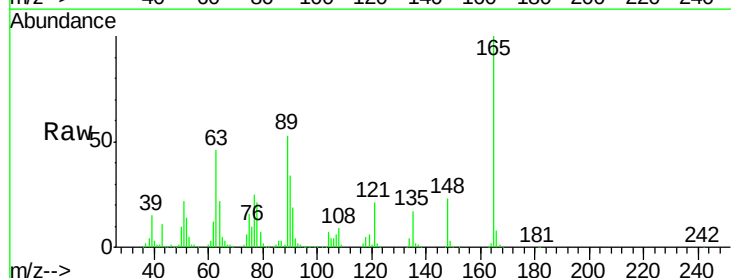
Tgt Ion:165 Resp: 376755

Ion Ratio Lower Upper

165 100

63 46.3 59.4 89.0#

89 52.9 50.8 76.2

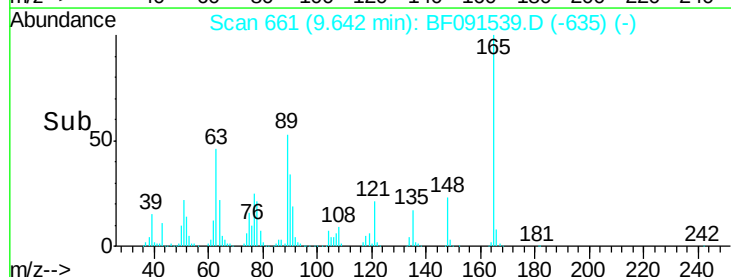


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

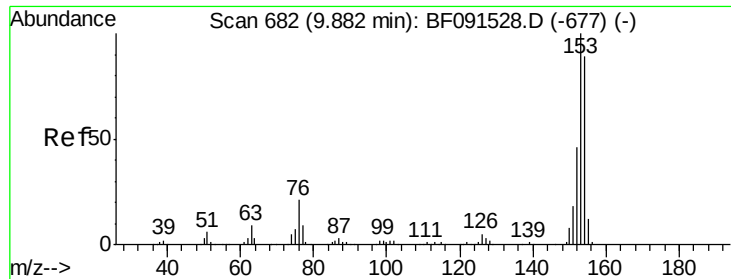
Ion 89.00 (88.70 to 89.70): BF0

Time-->



Abundance

Time-->



#51

Acenaphthene

Concen: 42.65 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

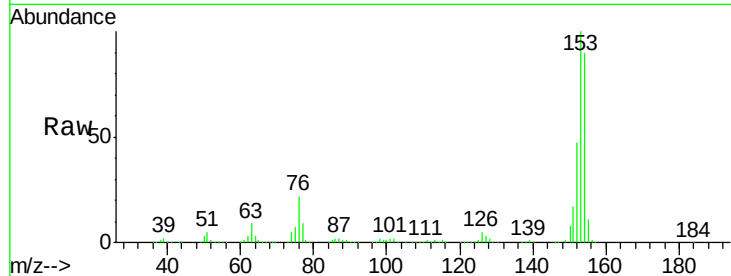
Tgt Ion:154 Resp: 1397585

Ion Ratio Lower Upper

154 100

153 111.1 91.0 136.6

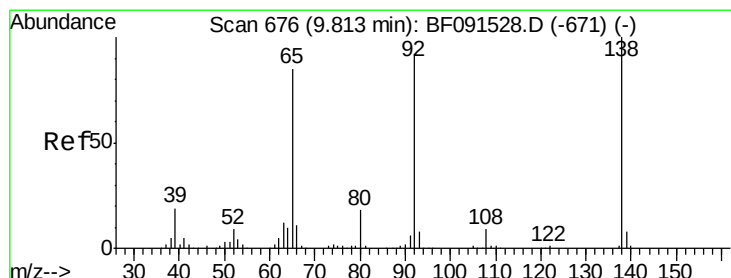
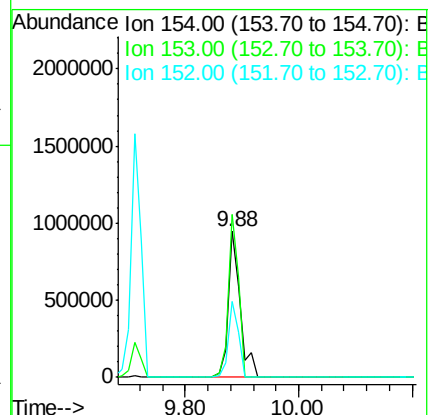
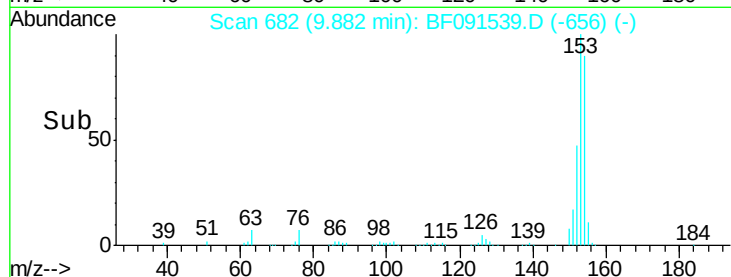
152 52.0 44.2 66.2



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: 18.38 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

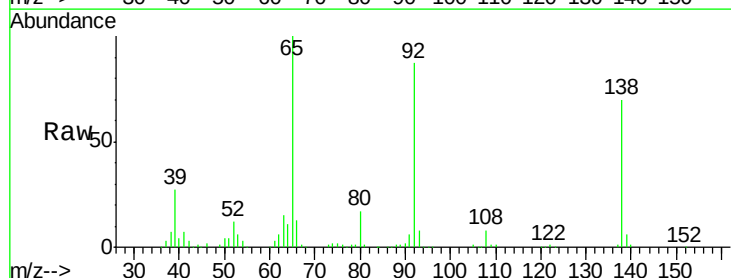
Tgt Ion:138 Resp: 165577

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

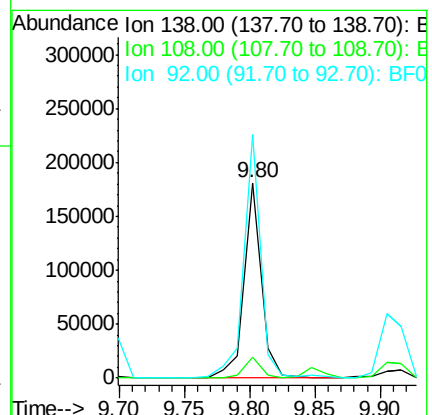
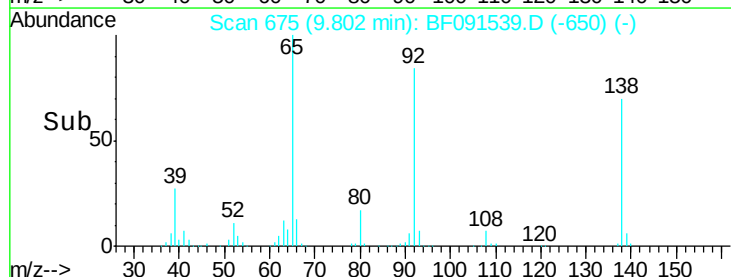
92 124.7 92.5 138.7

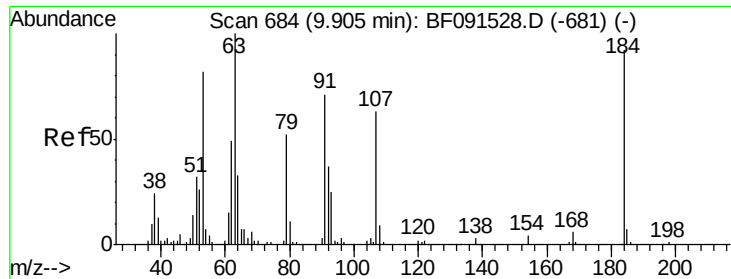


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

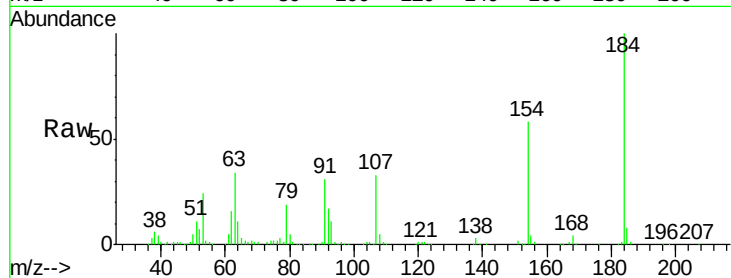




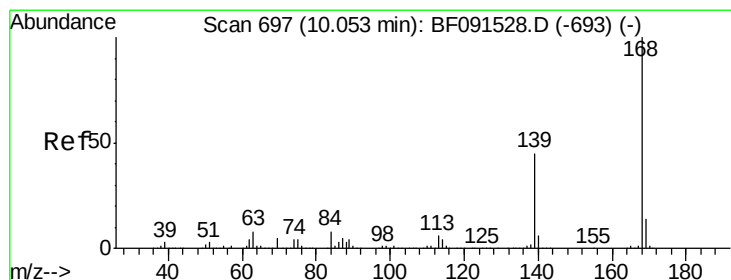
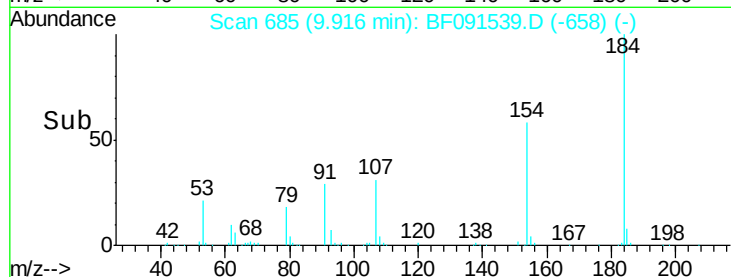
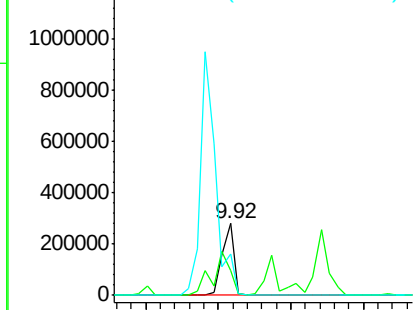
#53
2,4-Dinitrophenol
Concen: 73.43 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tgt Ion:184 Resp: 319207
Ion Ratio Lower Upper
184 100
63 34.5 58.3 87.5#
154 57.8 48.6 73.0

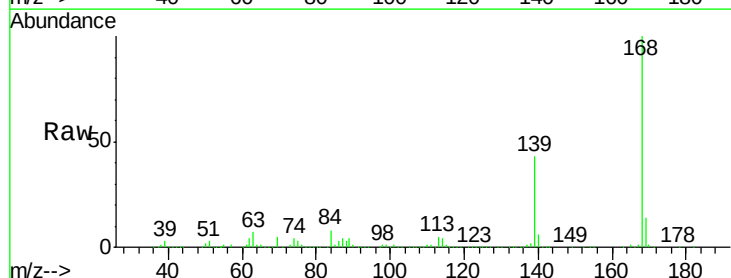


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

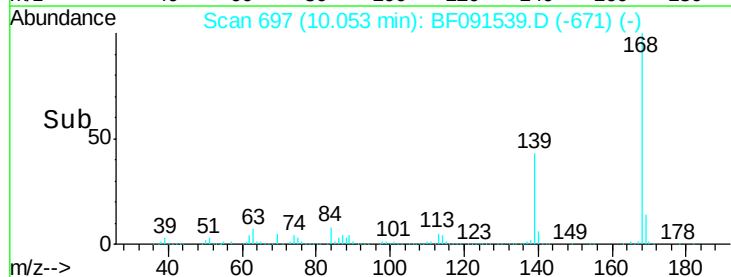
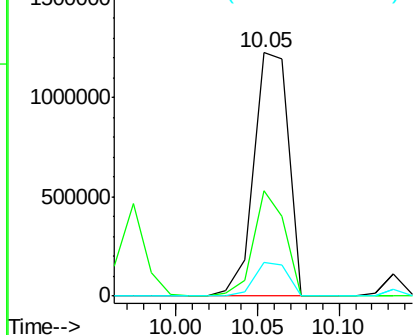


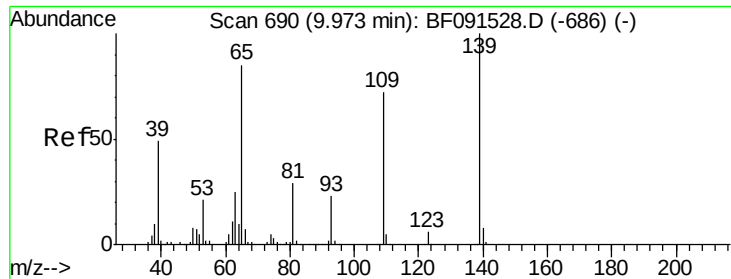
#54
Dibenzofuran
Concen: 44.67 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:168 Resp: 1810833
Ion Ratio Lower Upper
168 100
139 43.0 33.4 50.2
169 14.0 11.1 16.7



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

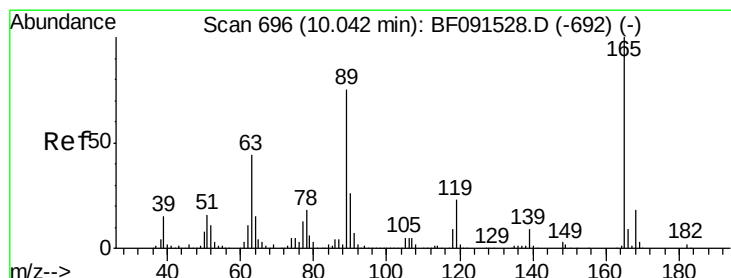
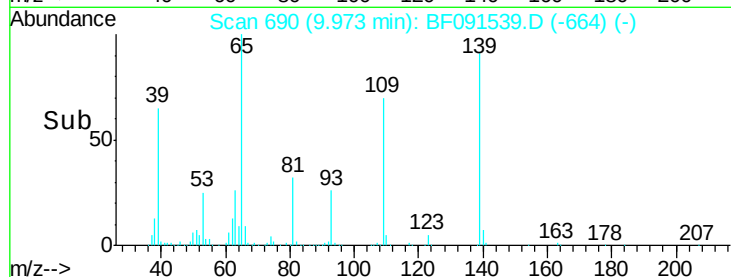
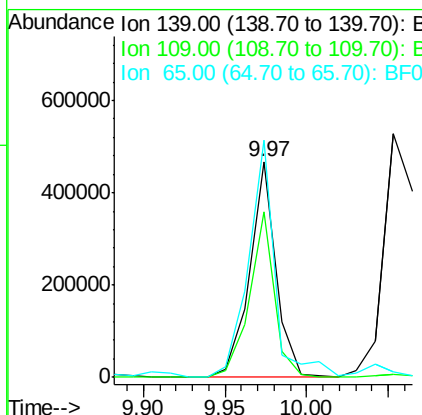
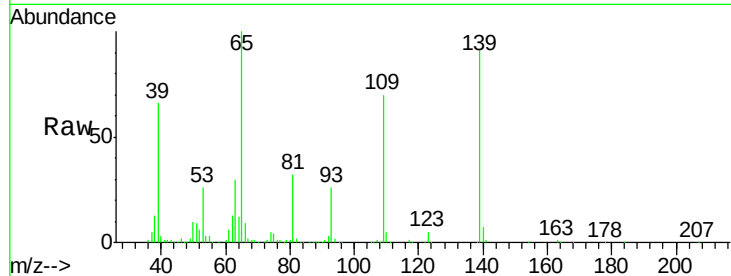




#55
4-Nitrophenol
Concen: 78.56 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

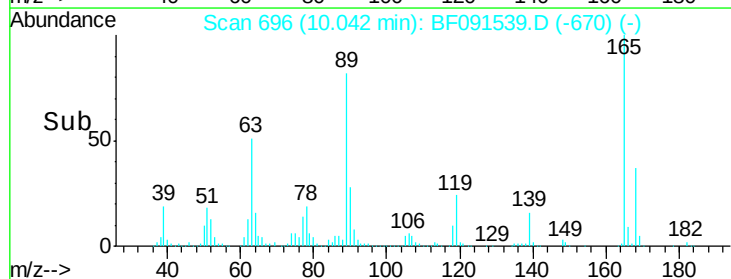
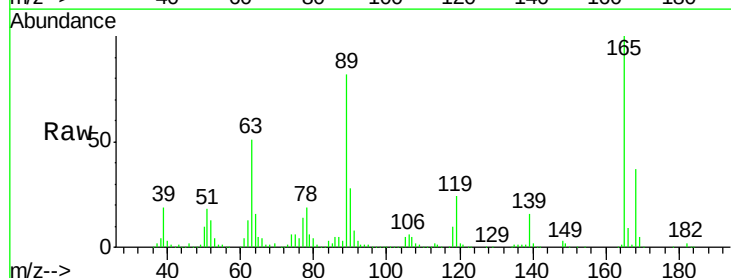
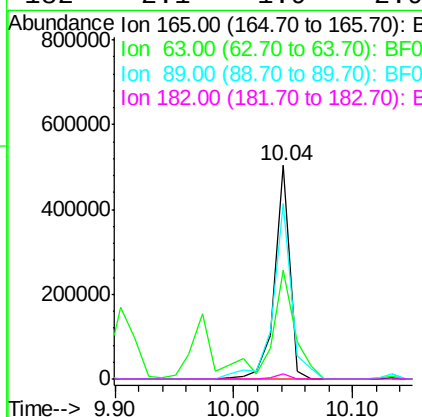
Instrument :
BNA_F
ClientSampleId :
PB95152BS

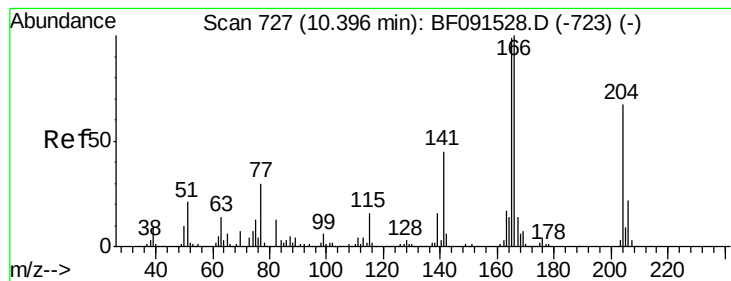
Tgt Ion:139 Resp: 526509
Ion Ratio Lower Upper
139 100
109 77.1 54.9 94.9
65 110.3 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 46.49 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:165 Resp: 446883
Ion Ratio Lower Upper
165 100
63 50.7 29.0 43.4#
89 81.9 43.1 64.7#
182 2.1 1.9 2.9





#57

Fluorene

Concen: 41.84 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

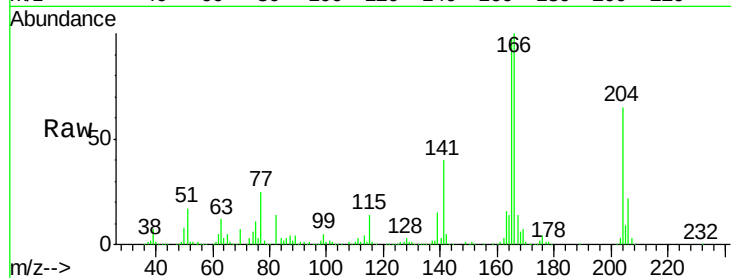
Tgt Ion:166 Resp: 1222155

Ion Ratio Lower Upper

166 100

165 97.1 80.0 120.0

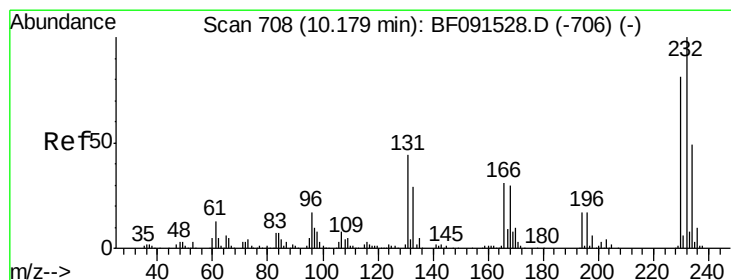
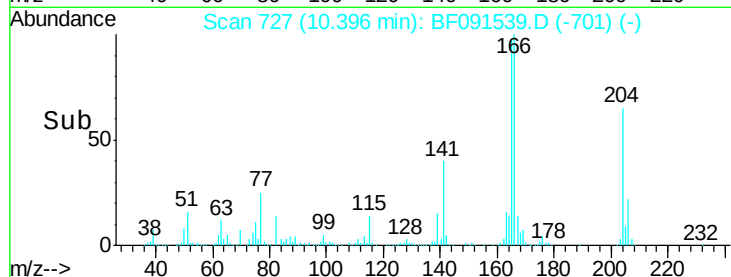
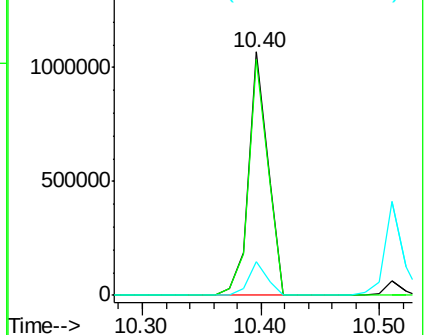
167 14.0 10.8 16.2



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: 47.99 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:232 Resp: 375497

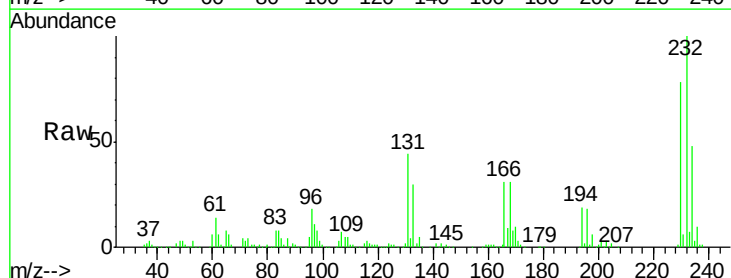
Ion Ratio Lower Upper

232 100

131 50.0 38.4 57.6

130 2.5 1.8 2.8

166 31.8 23.9 35.9

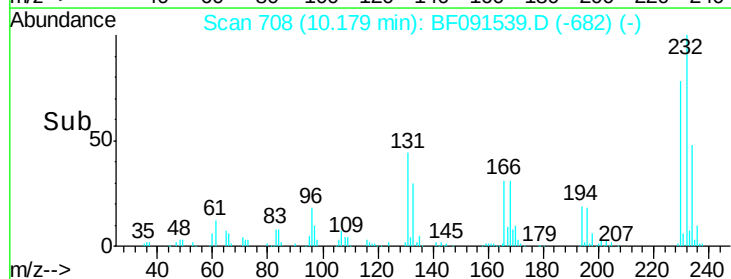
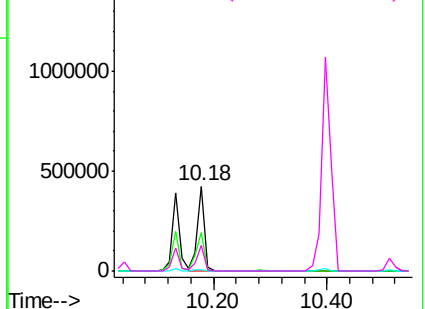


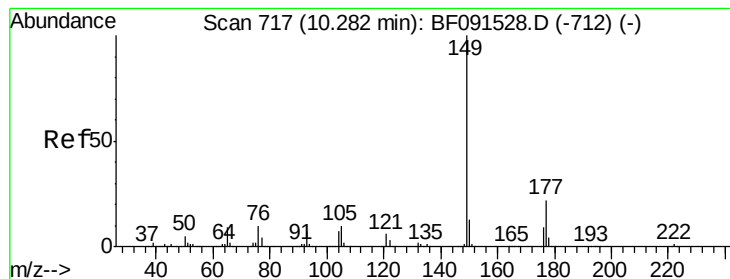
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.25 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

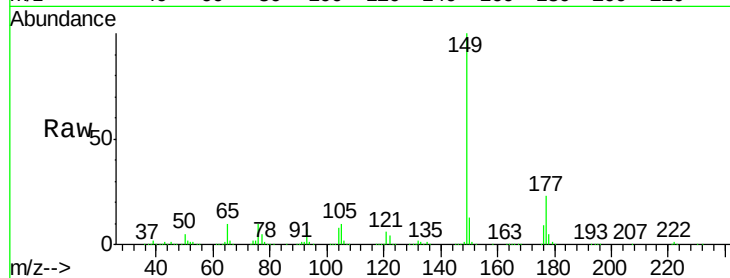
Tgt Ion:149 Resp: 1522599

Ion Ratio Lower Upper

149 100

177 22.7 15.7 23.5

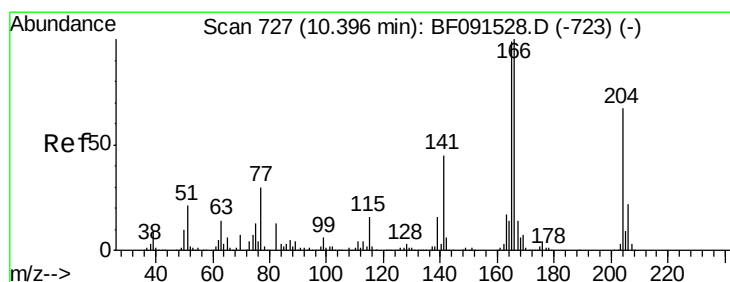
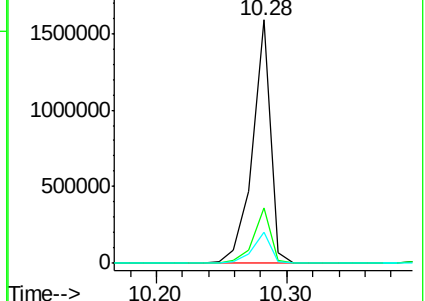
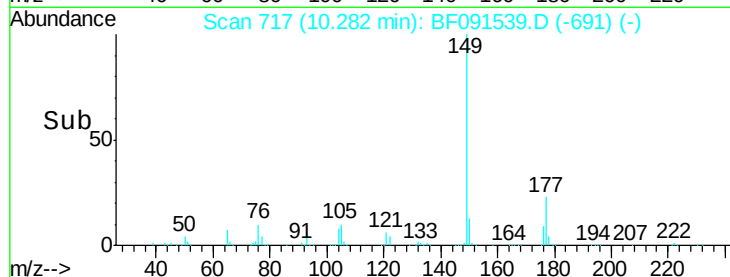
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.65 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

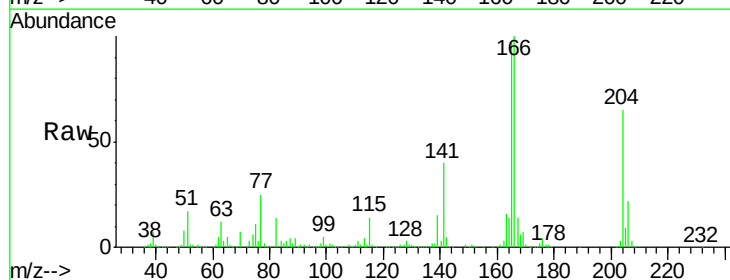
Tgt Ion:204 Resp: 636339

Ion Ratio Lower Upper

204 100

206 33.4 26.1 39.1

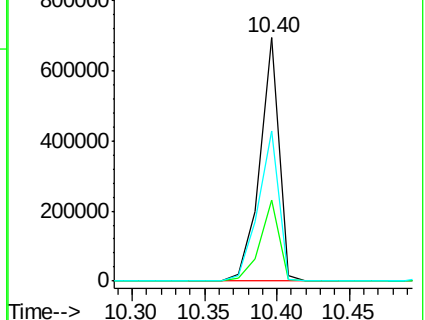
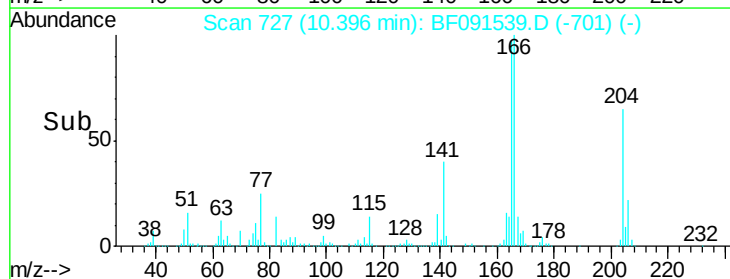
141 61.8 40.6 61.0#

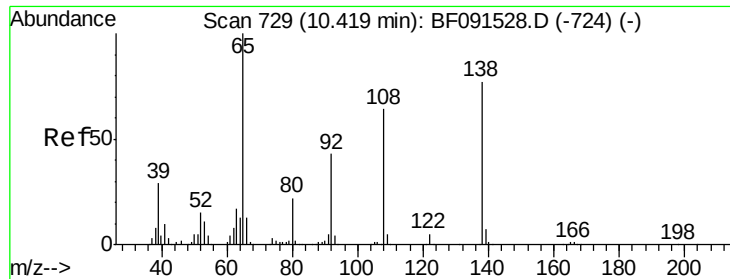


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

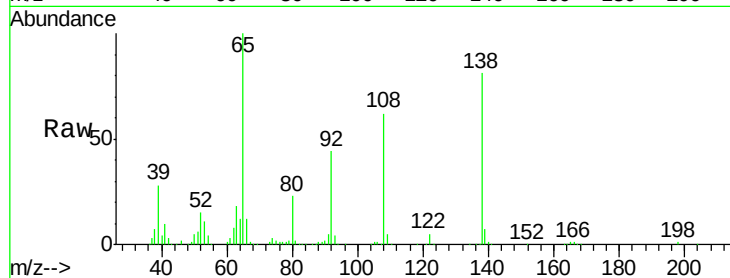




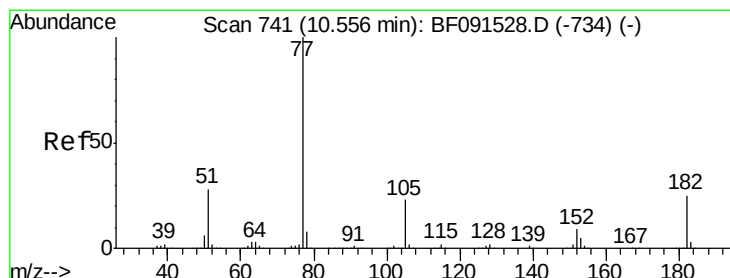
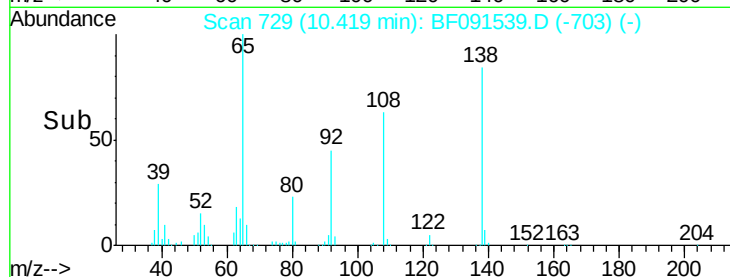
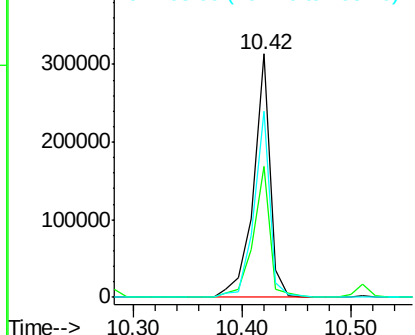
#61
4-Nitroaniline
Concen: 37.69 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tgt Ion:138 Resp: 337463
Ion Ratio Lower Upper
138 100
92 54.0 26.9 66.9
108 76.3 49.1 89.1



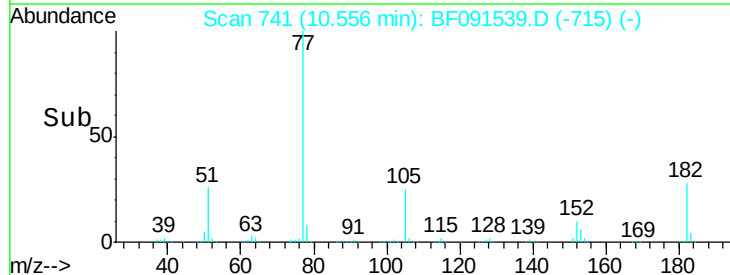
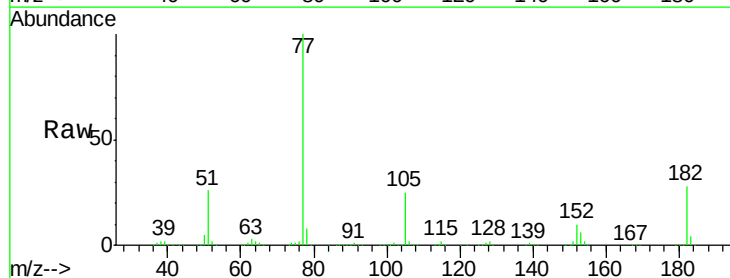
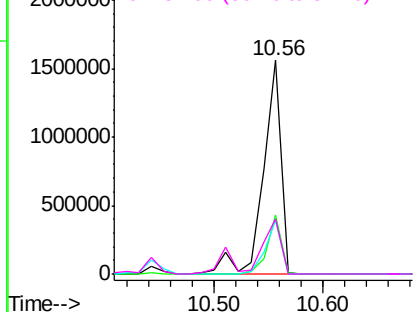
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

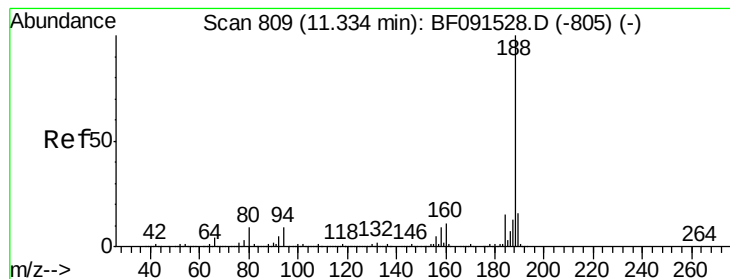


#62
Azobenzene
Concen: 47.52 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion: 77 Resp: 1811634
Ion Ratio Lower Upper
77 100
182 27.7 12.5 52.5
105 25.1 3.7 43.7
51 26.0 11.9 51.9

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: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

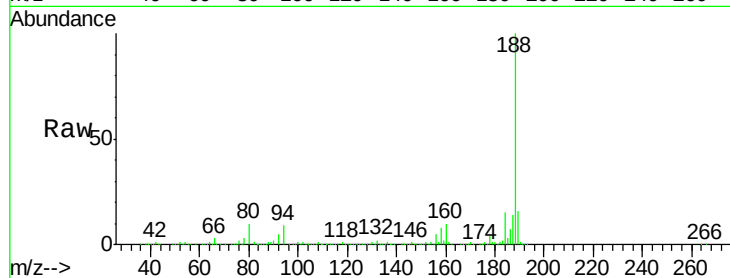
Tgt Ion:188 Resp: 910844

Ion Ratio Lower Upper

188 100

94 9.2 9.2 13.8

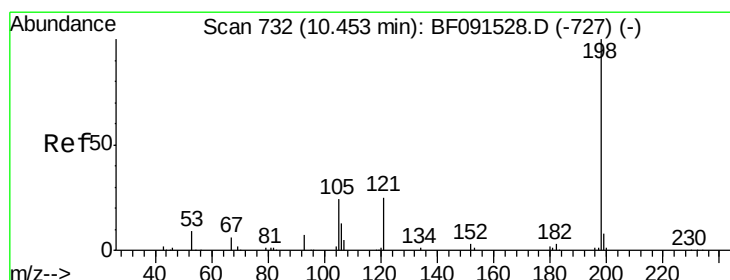
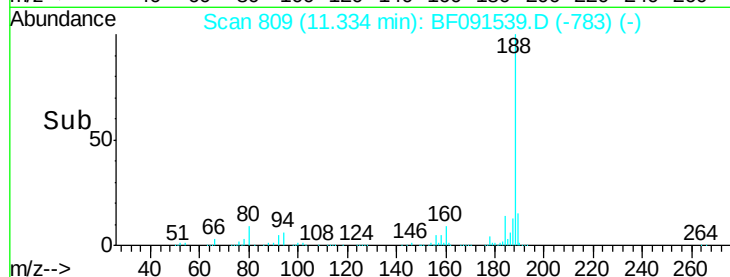
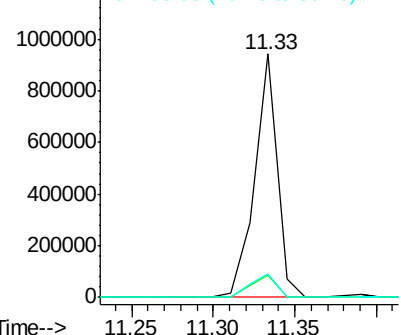
80 9.7 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.11 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

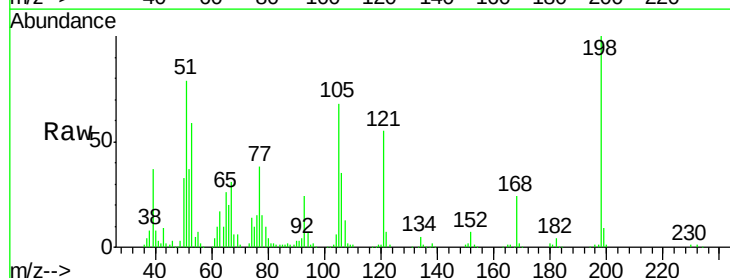
Tgt Ion:198 Resp: 213133

Ion Ratio Lower Upper

198 100

51 78.7 77.1 117.1

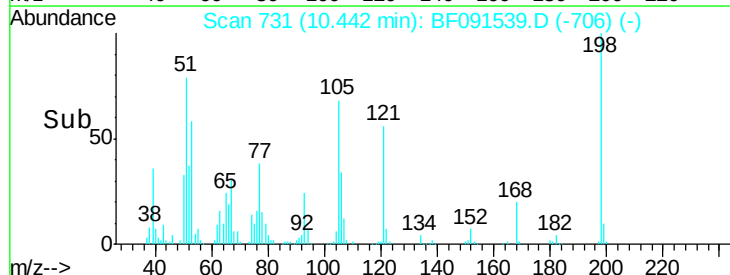
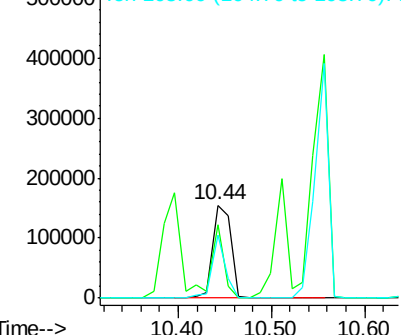
105 67.8 44.8 84.8

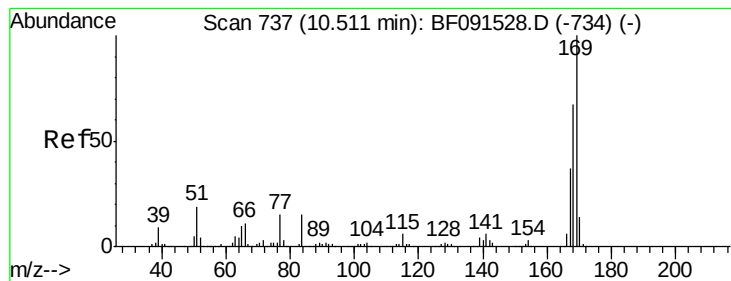


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.83 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

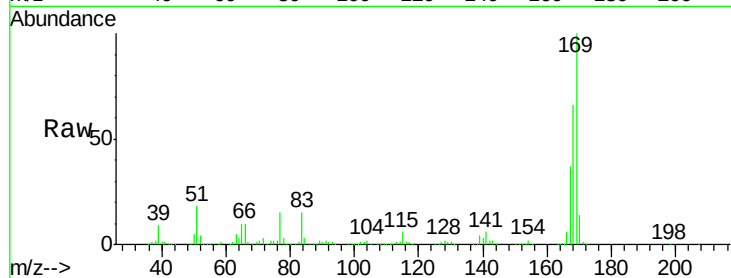
Tgt Ion:169 Resp: 1135744

Ion Ratio Lower Upper

169 100

168 66.3 53.8 80.8

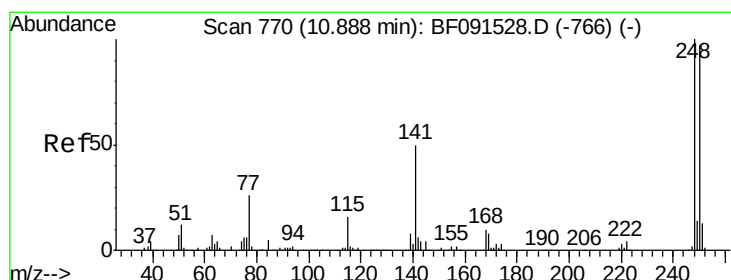
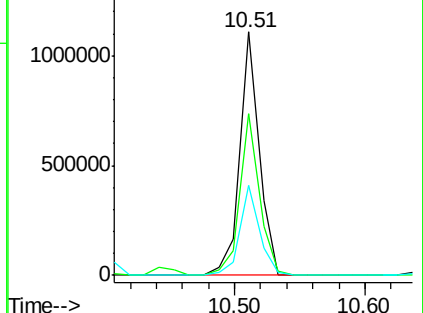
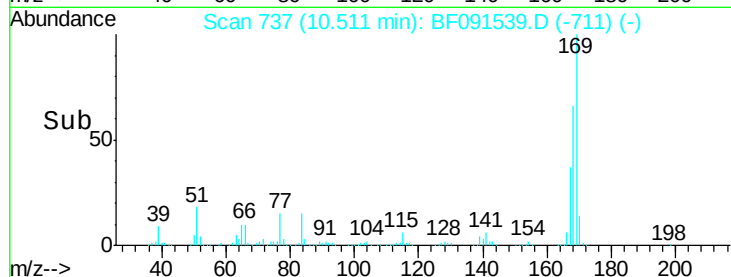
167 37.2 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.13 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

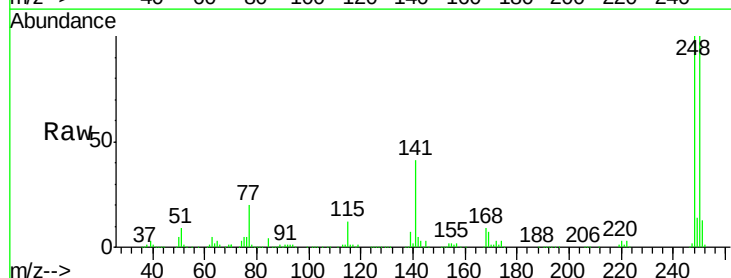
Tgt Ion:248 Resp: 402771

Ion Ratio Lower Upper

248 100

250 100.1 78.2 117.4

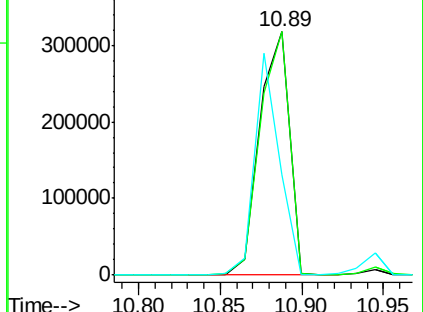
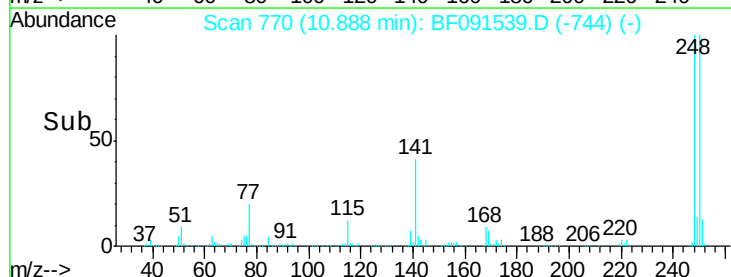
141 41.3 71.9 107.9#

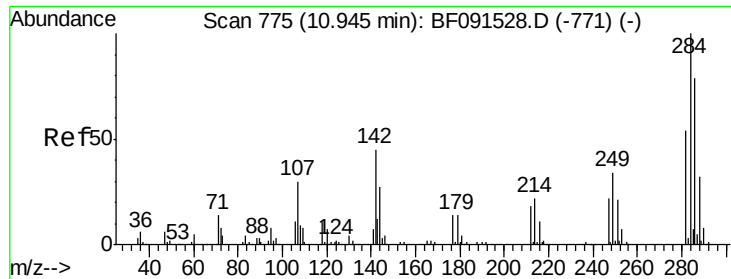


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

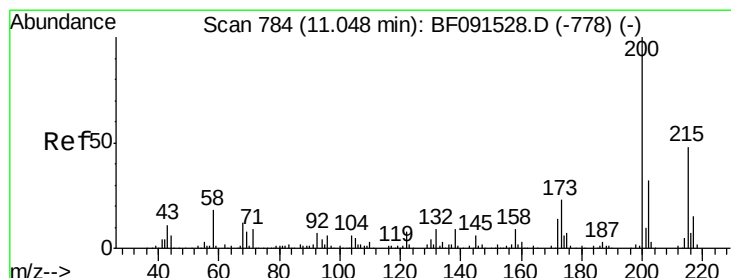
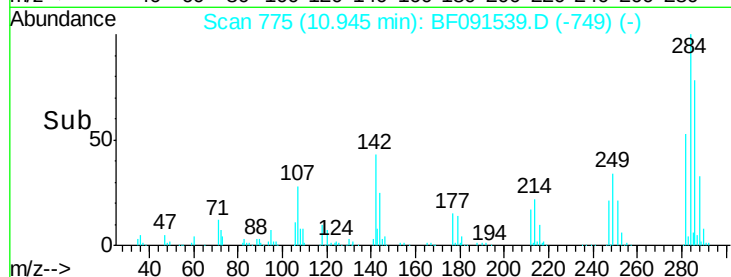
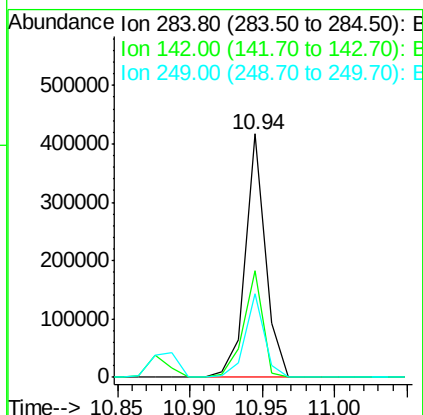
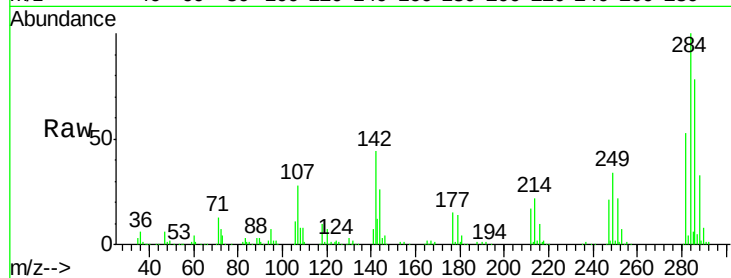




#67
Hexachlorobenzene
Concen: 41.23 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

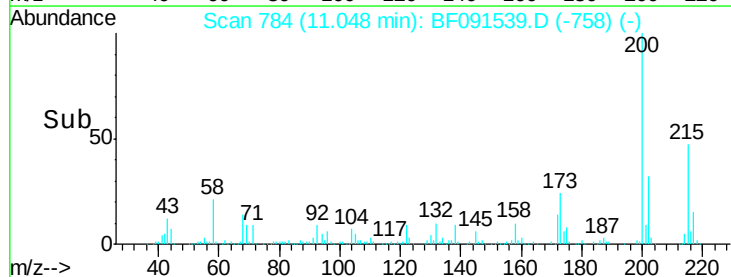
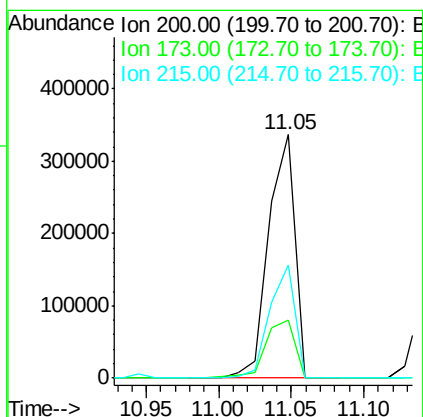
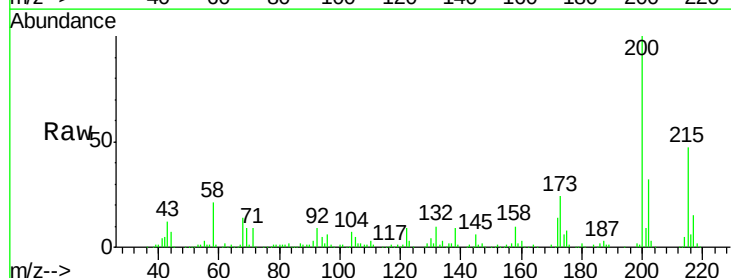
Instrument :
BNA_F
ClientSampleId :
PB95152BS

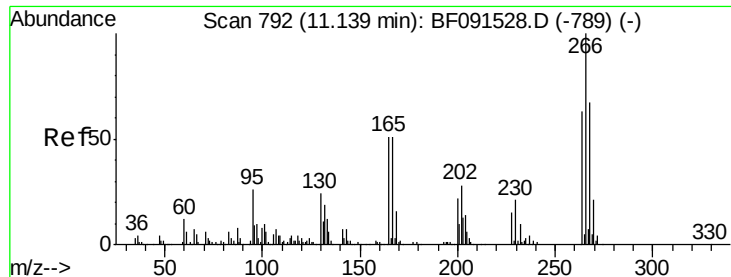
Tgt Ion:284 Resp: 400315
Ion Ratio Lower Upper
284 100
142 43.8 17.9 26.9#
249 34.3 23.6 35.4



#68
Atrazine
Concen: 48.26 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:200 Resp: 421357
Ion Ratio Lower Upper
200 100
173 23.9 7.8 47.8
215 46.6 24.3 64.3

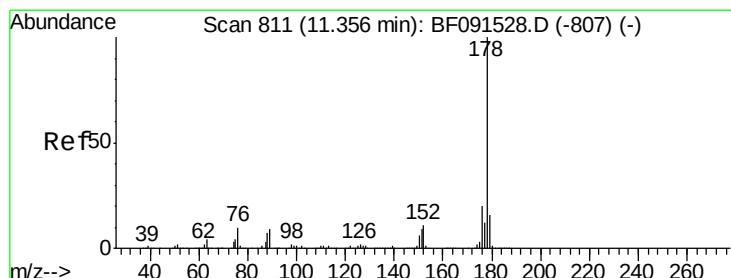
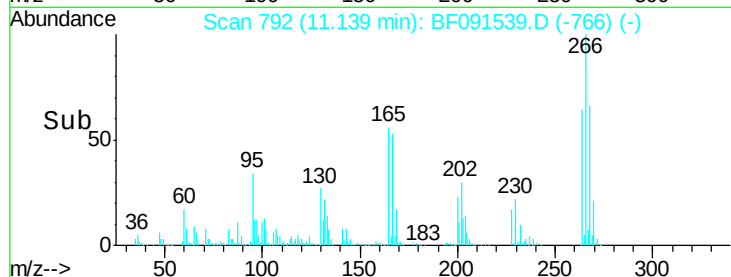
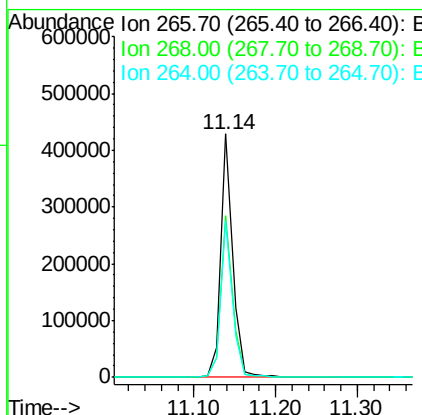
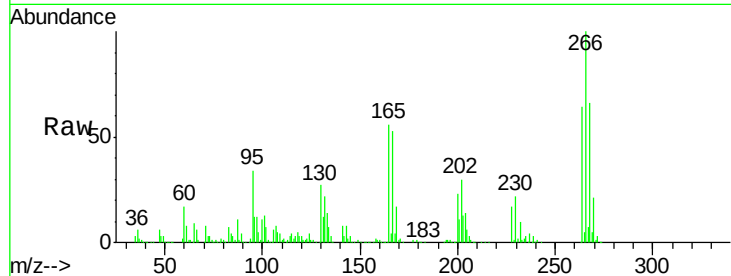




#69
 Pentachlorophenol
 Concen: 79.60 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

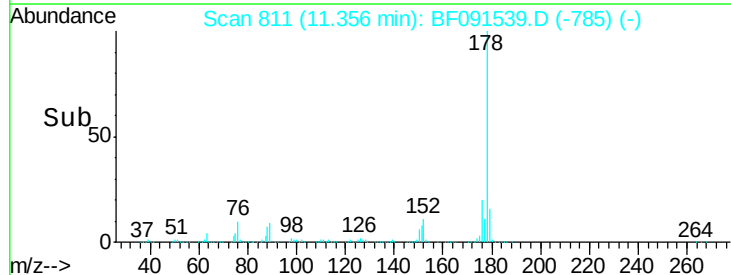
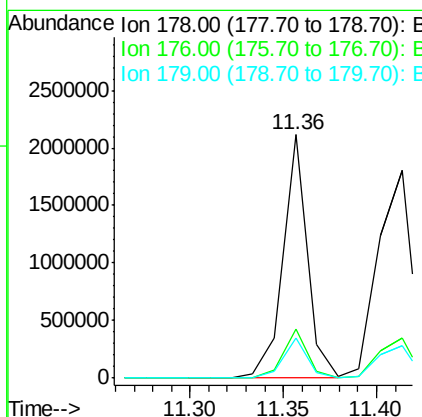
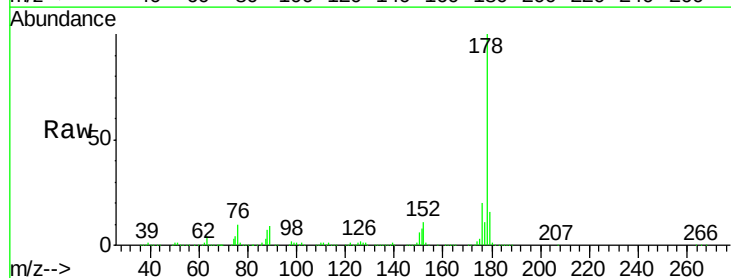
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

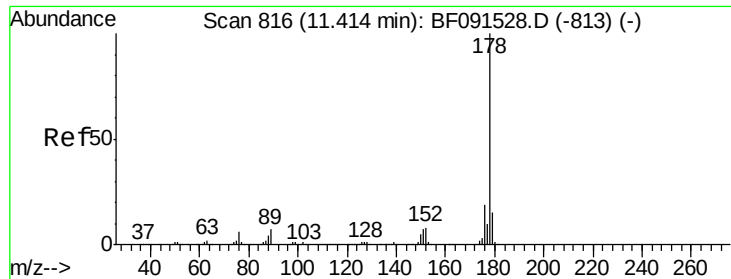
Tgt Ion:266 Resp: 434997
 Ion Ratio Lower Upper
 266 100
 268 66.5 50.3 75.5
 264 64.2 48.2 72.2



#70
 Phenanthrene
 Concen: 42.69 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:178 Resp: 1925350
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 16.4 12.6 18.8

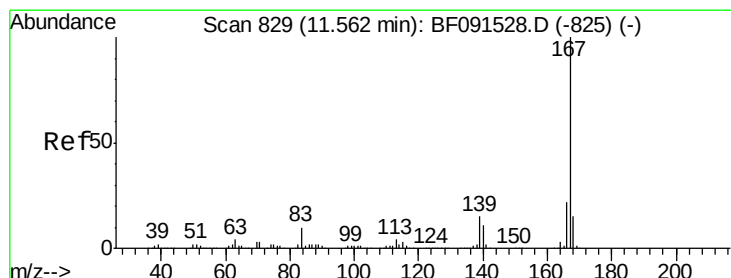
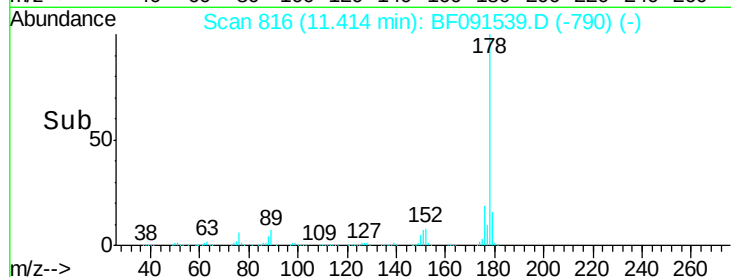
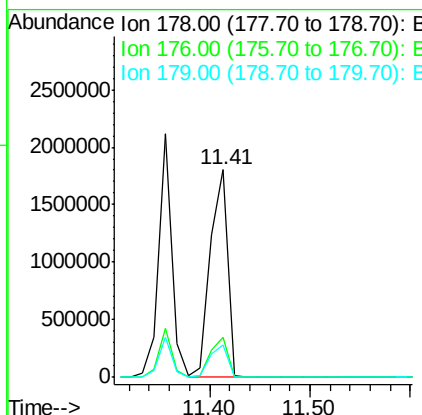
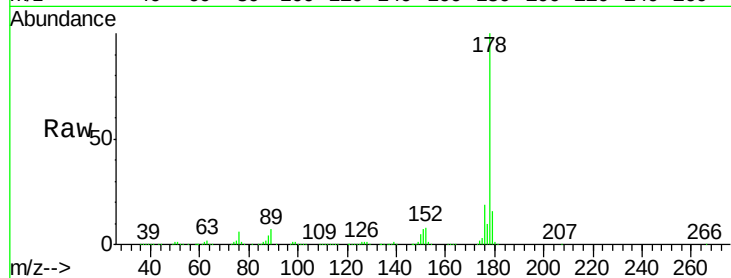




#71
 Anthracene
 Concen: 44.37 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

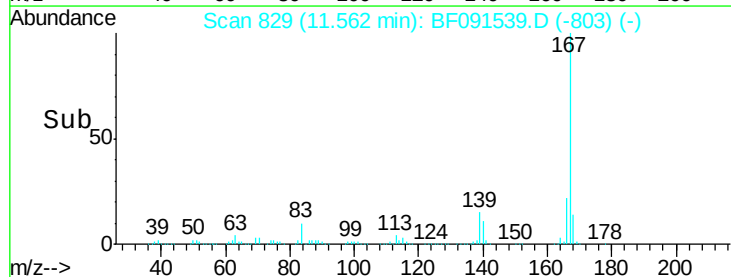
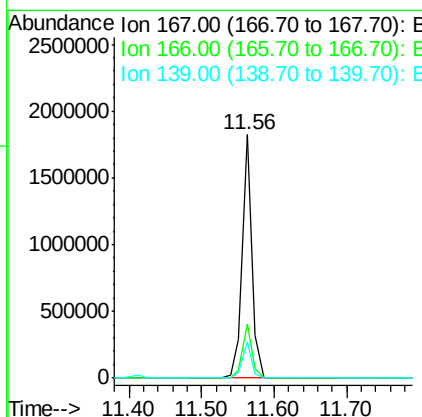
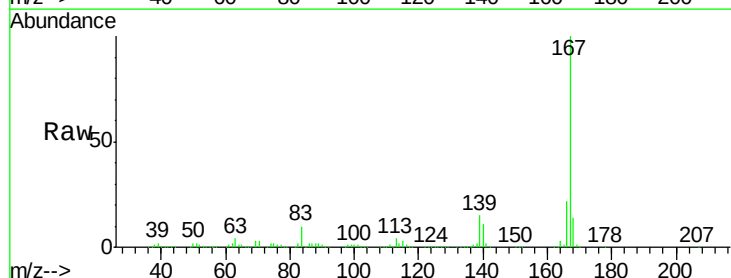
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

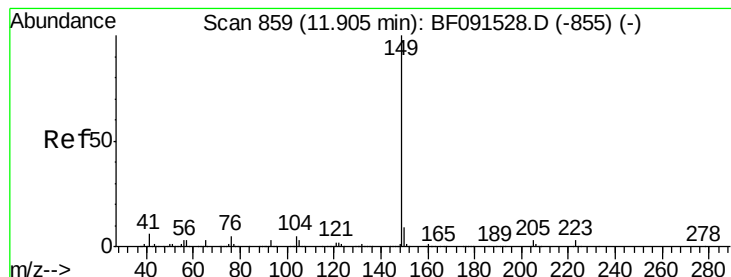
Tgt Ion:178 Resp: 2158509
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 39.91 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:167 Resp: 1702036
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 14.7 11.5 17.3





#73

Di-n-butylphthalate

Concen: 46.65 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

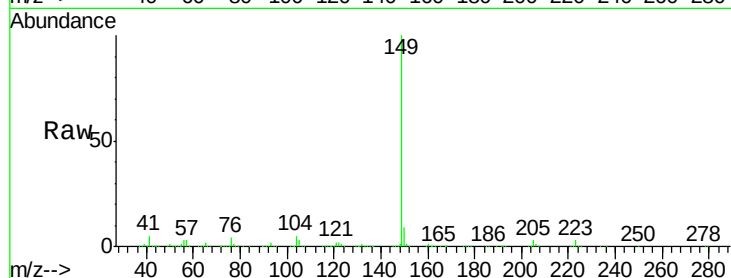
Tgt Ion:149 Resp: 2317625

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

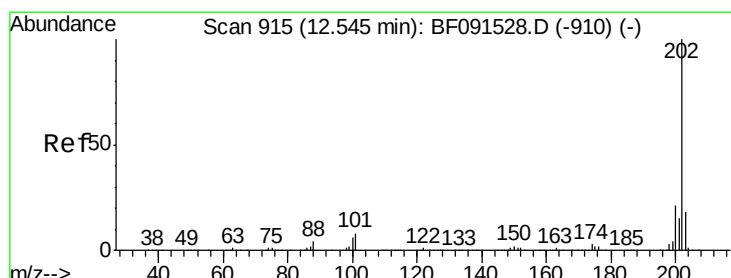
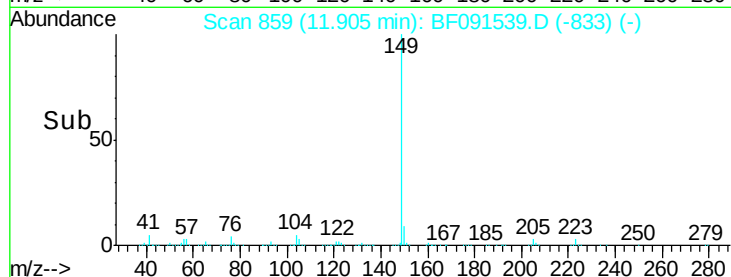
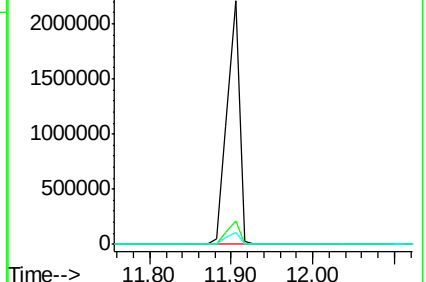
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.37 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

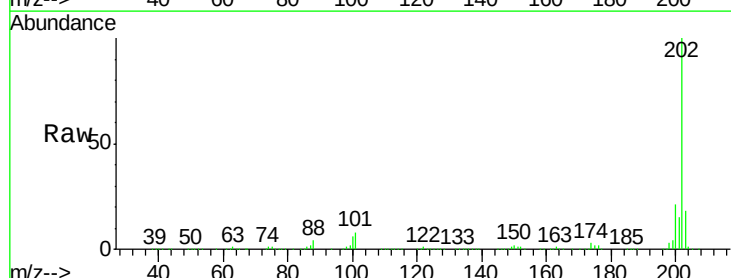
Tgt Ion:202 Resp: 2142593

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.5

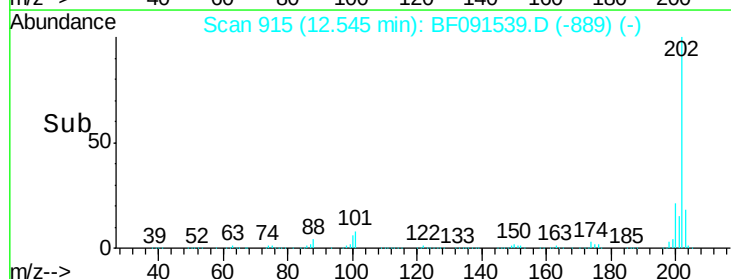
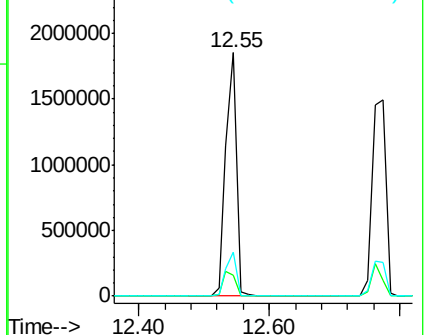
203 17.9 0.0 37.8

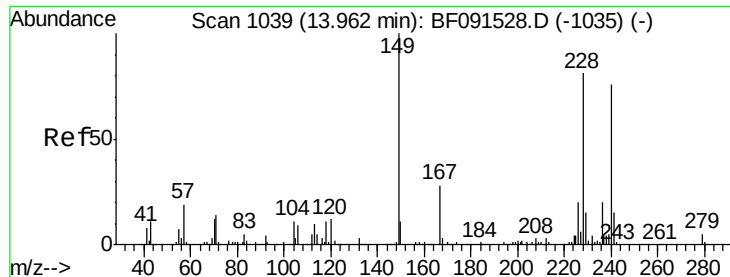


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

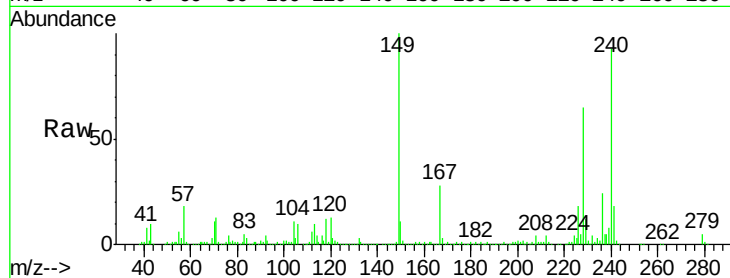
Tgt Ion:240 Resp: 618644

Ion Ratio Lower Upper

240 100

120 14.4 12.1 18.1

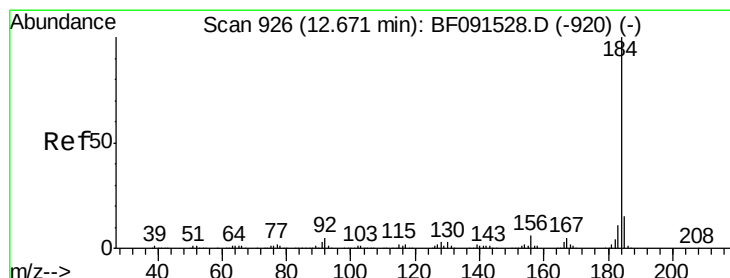
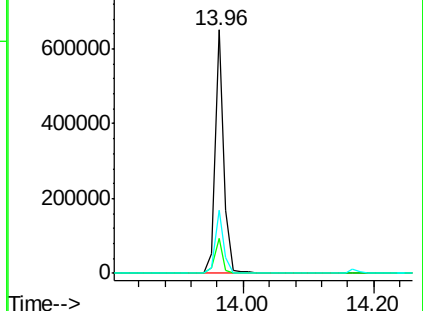
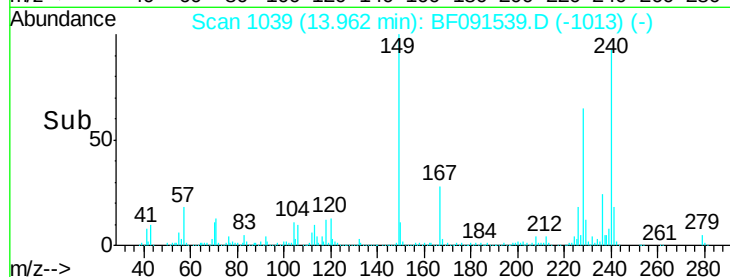
236 25.9 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.95 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

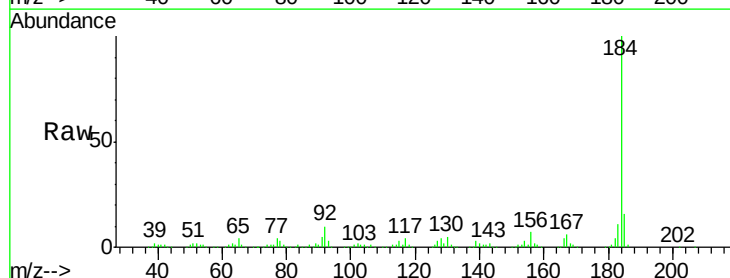
Tgt Ion:184 Resp: 572847

Ion Ratio Lower Upper

184 100

185 16.1 13.1 19.7

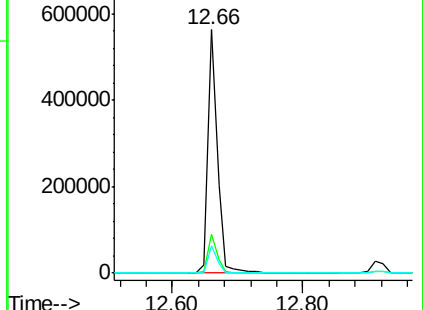
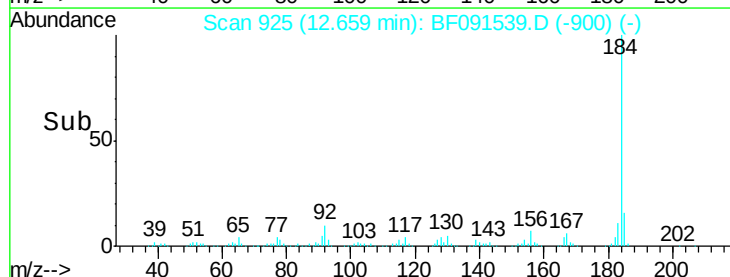
183 11.4 8.9 13.3

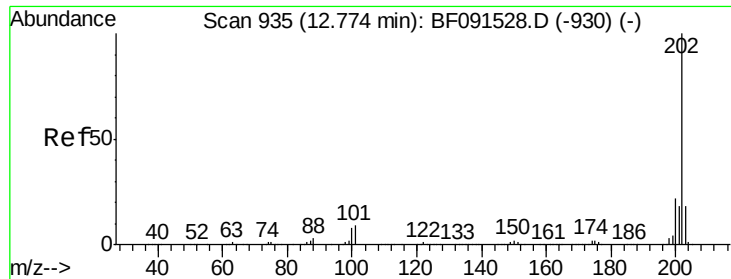


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



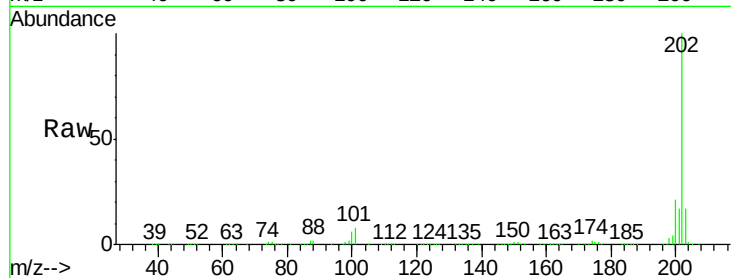


#77
 Pyrene
 Concen: 43.58 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

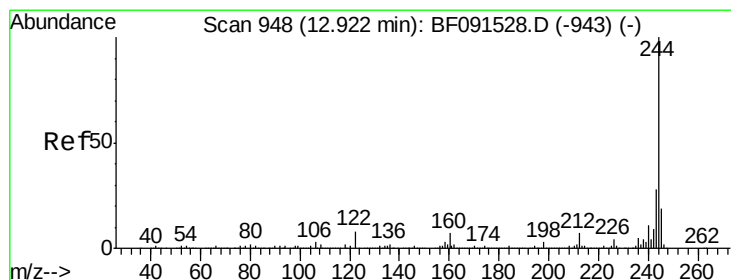
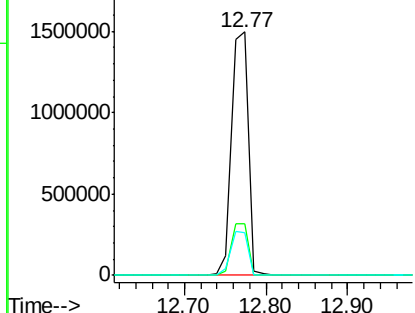
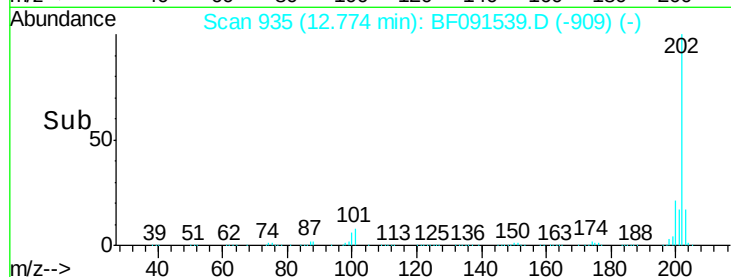
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tgt Ion: 202 Resp: 2138774

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.4	14.0	21.0



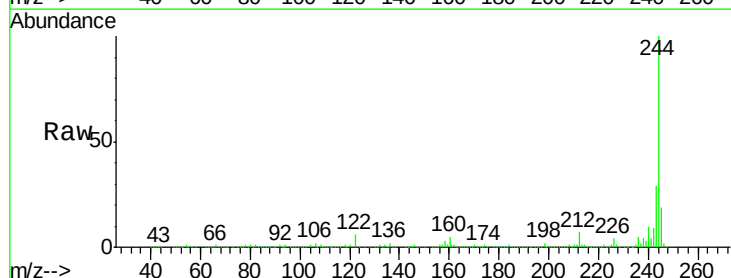
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



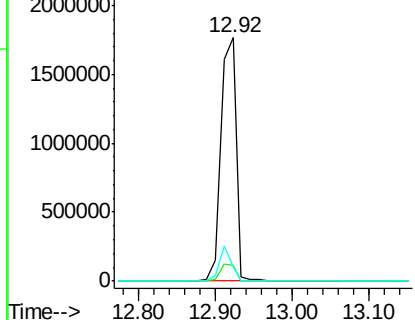
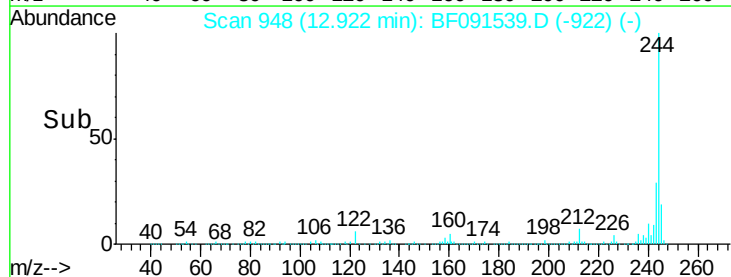
#78
 Terphenyl-d14
 Concen: 90.97 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

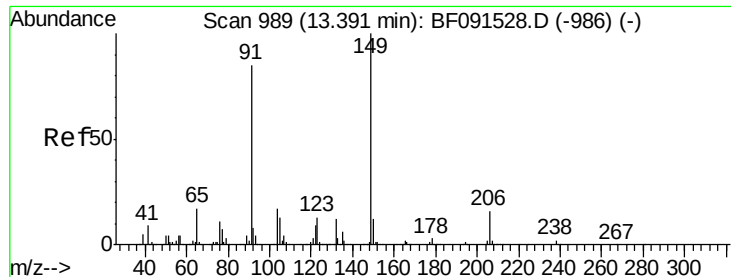
Tgt Ion: 244 Resp: 2480098

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	6.0	9.5	14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

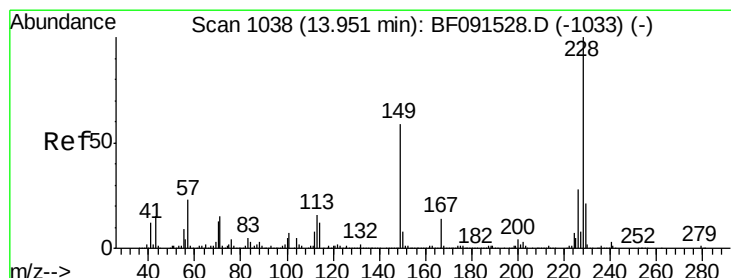
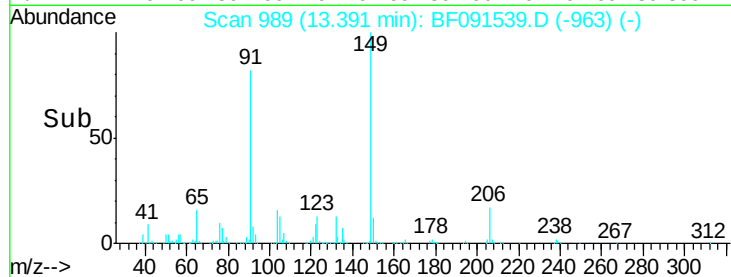
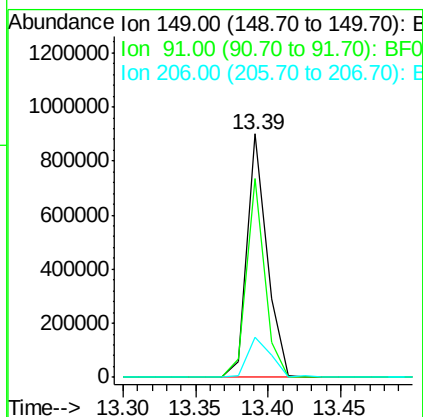
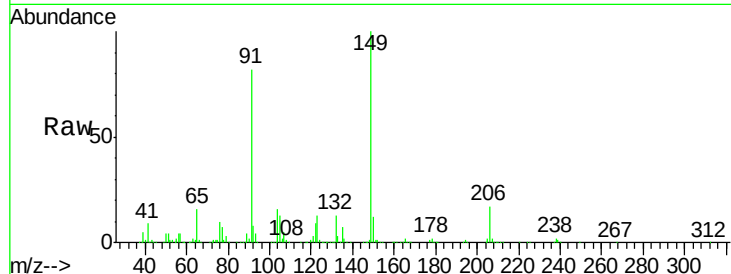




#79
Butylbenzylphthalate
Concen: 45.15 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

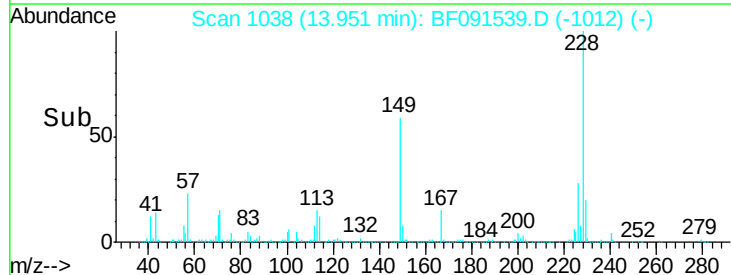
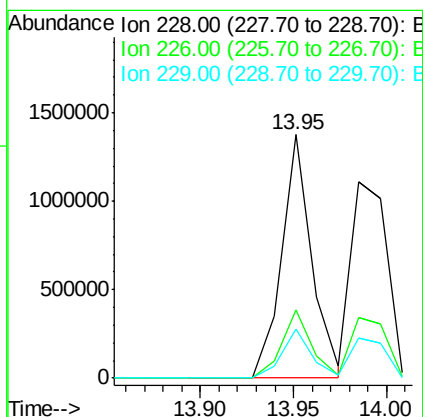
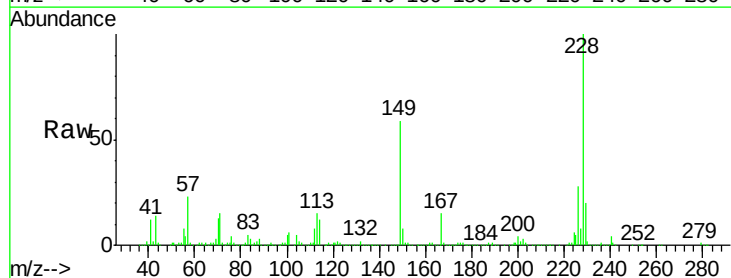
Instrument :
BNA_F
ClientSampleId :
PB95152BS

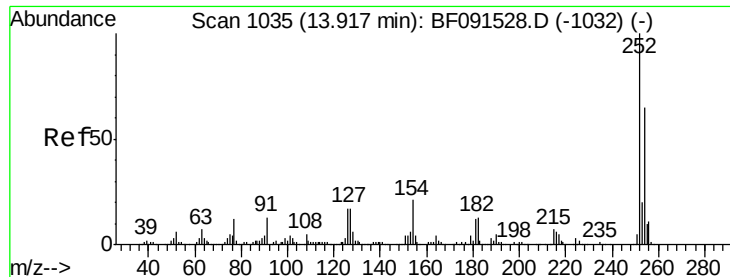
Tgt Ion:149 Resp: 863781
Ion Ratio Lower Upper
149 100
91 81.6 57.4 86.2
206 16.7 15.4 23.2



#80
Benzo(a)anthracene
Concen: 43.20 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:228 Resp: 1552080
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 20.4 16.4 24.6

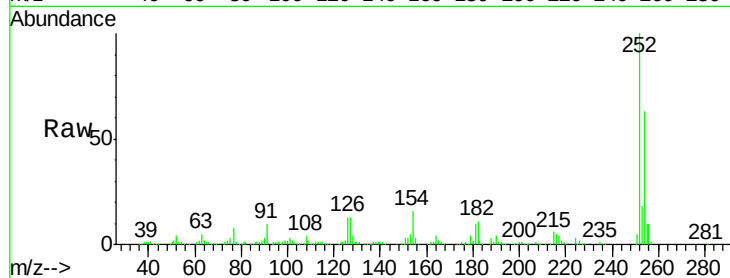




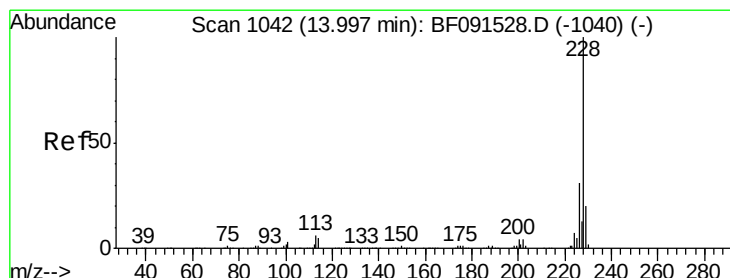
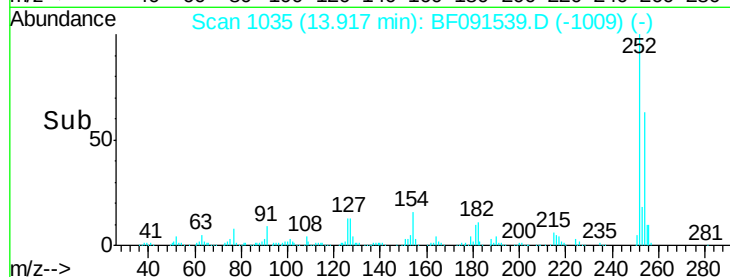
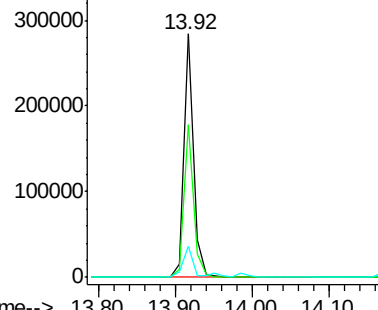
#81
 3,3'-Dichlorobenzidine
 Concen: 18.76 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tgt Ion:252 Resp: 242049
 Ion Ratio Lower Upper
 252 100
 254 62.9 52.1 78.1
 126 13.0 7.5 11.3#

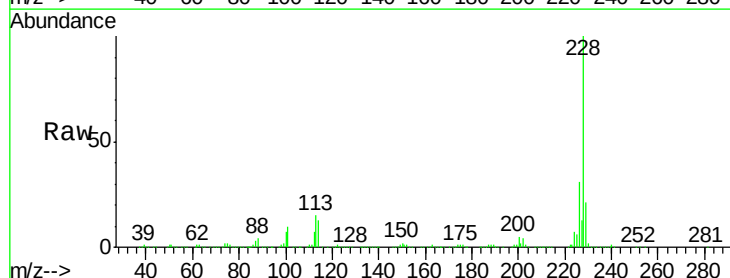


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

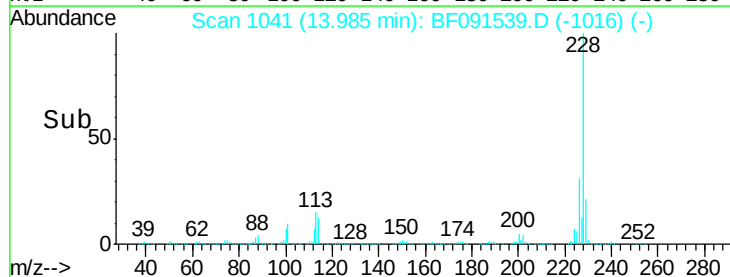
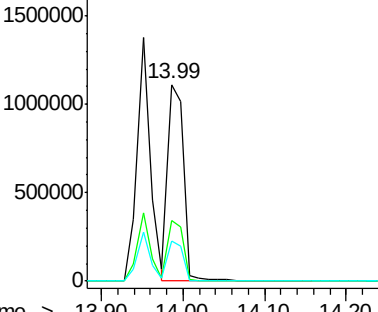


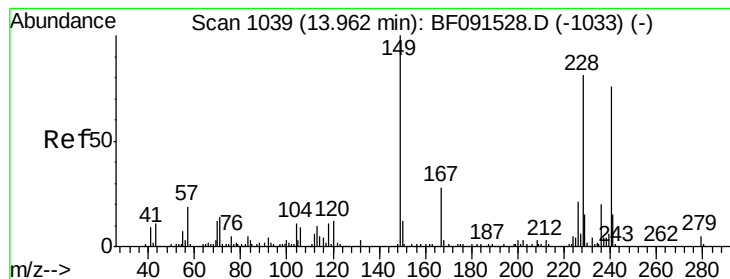
#82
 Chrysene
 Concen: 40.35 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:228 Resp: 1516649
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.4
 229 20.6 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.96 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

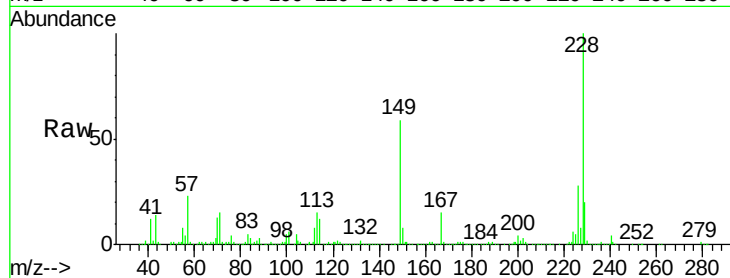
Tgt Ion:149 Resp: 1079051

Ion Ratio Lower Upper

149 100

167 24.8 19.6 29.4

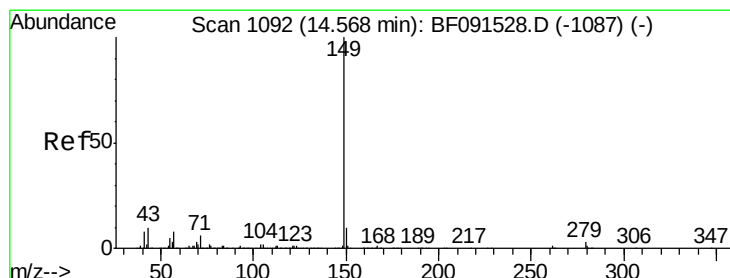
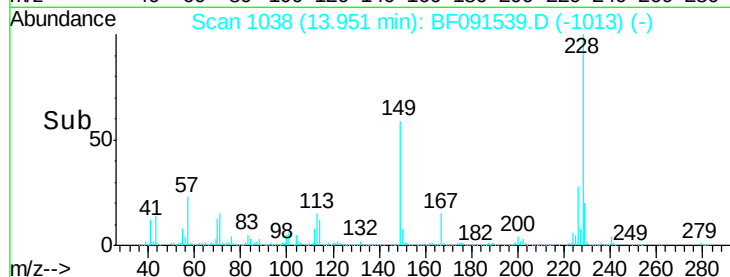
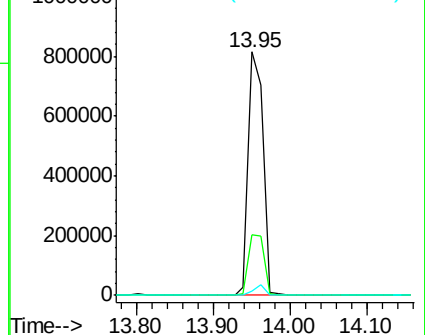
279 1.9 1.9 2.9



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: 49.15 ng

RT: 14.57 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

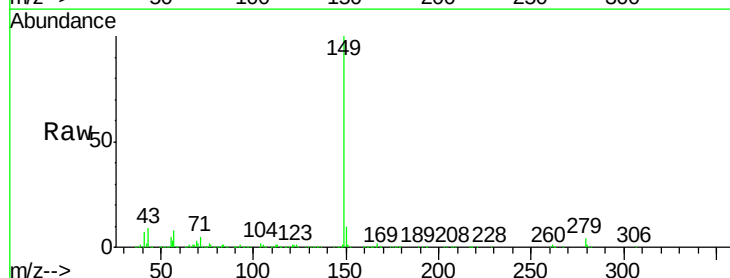
Tgt Ion:149 Resp: 2047817

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

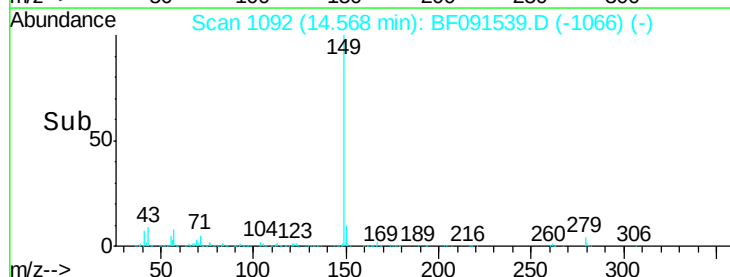
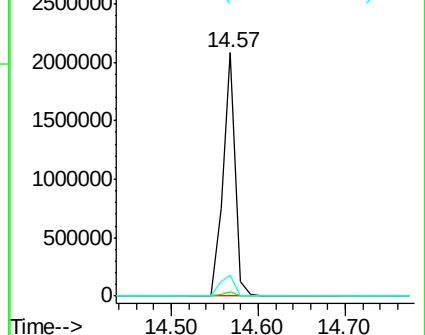
43 10.5 11.9 17.9#

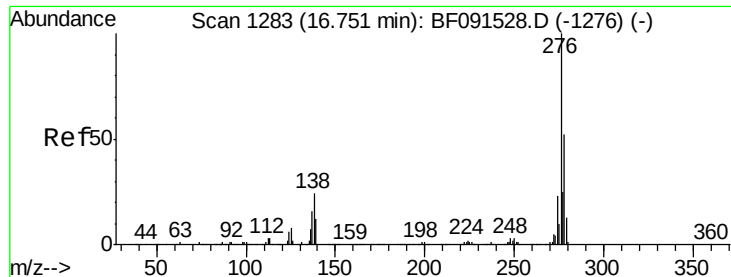


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

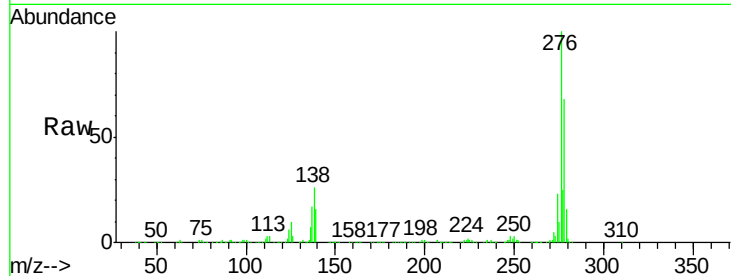




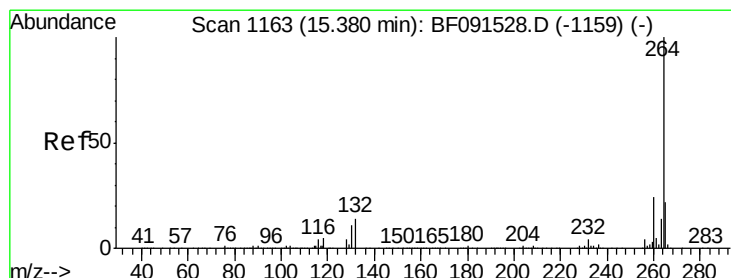
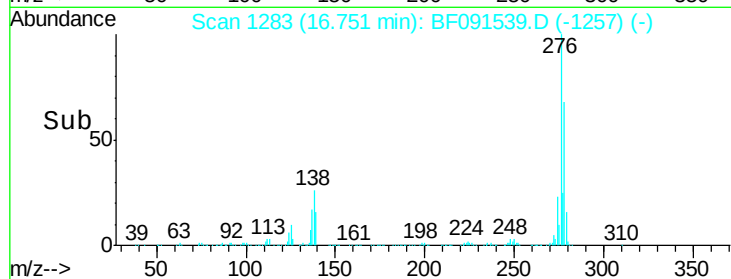
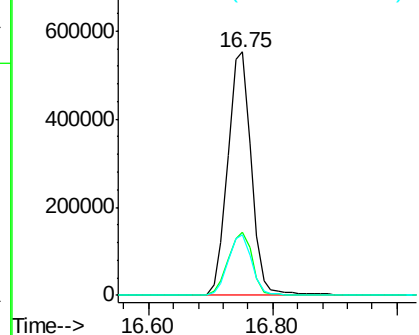
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.99 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tgt Ion:276 Resp: 1454158
 Ion Ratio Lower Upper
 276 100
 138 26.8 21.0 31.4
 277 25.3 20.2 30.2

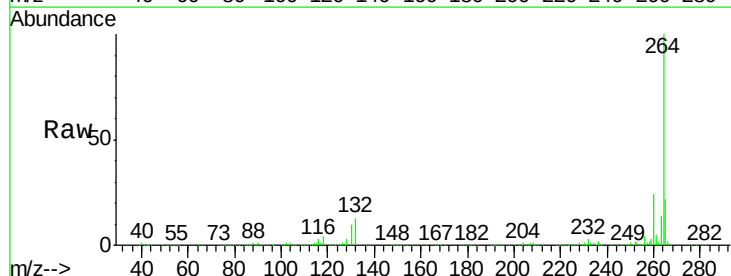


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

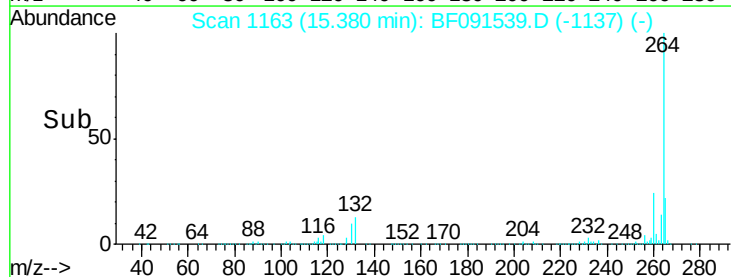
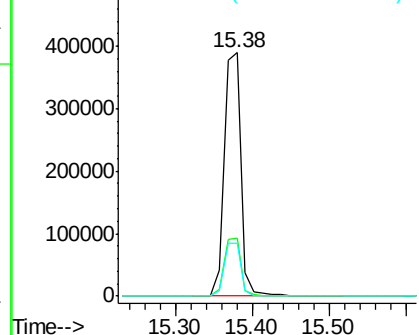


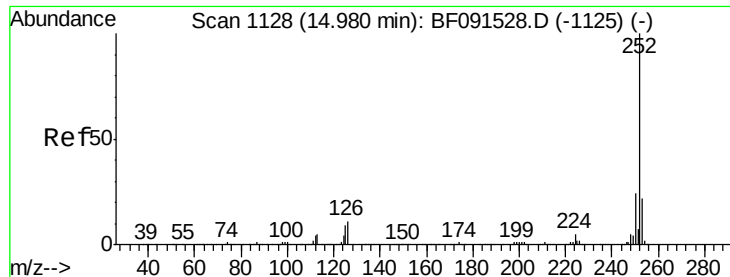
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:264 Resp: 598180
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.7 17.0 25.6



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

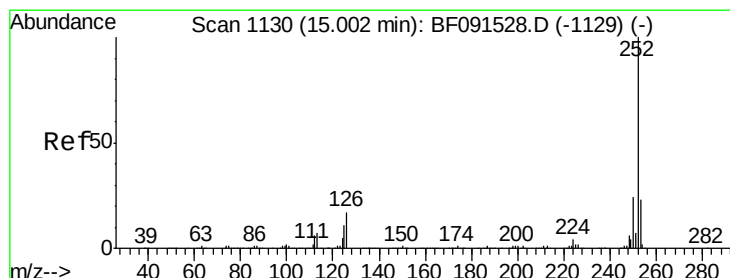
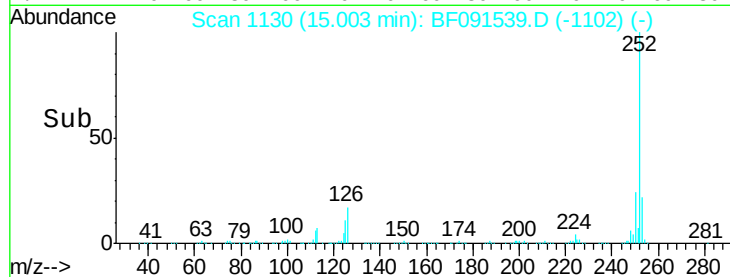
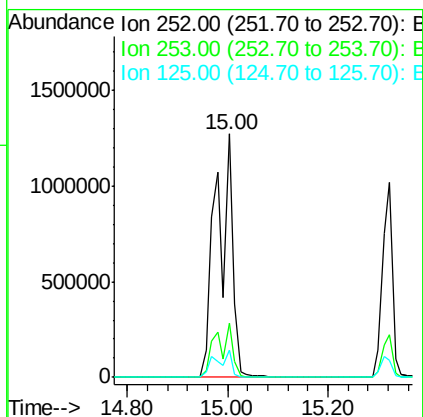
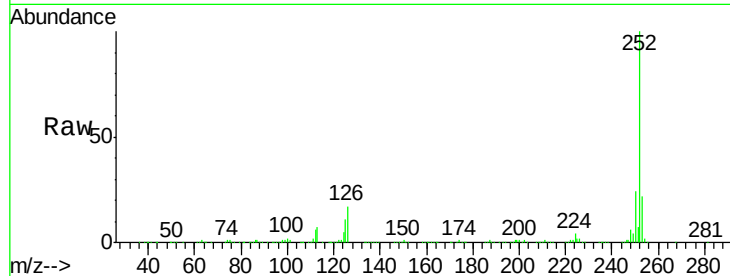




#87
Benzo(b)fluoranthene
Concen: 81.52 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

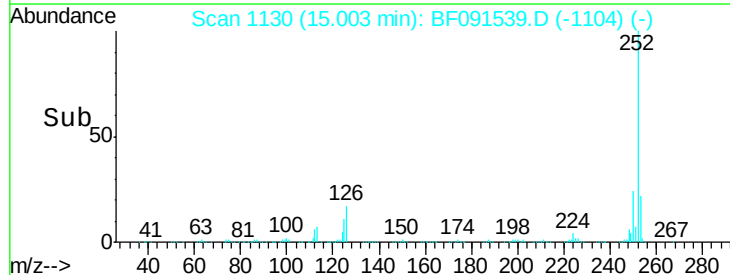
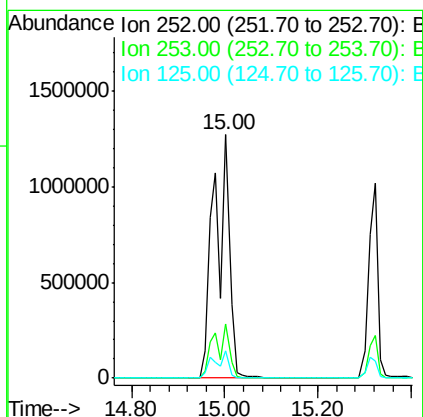
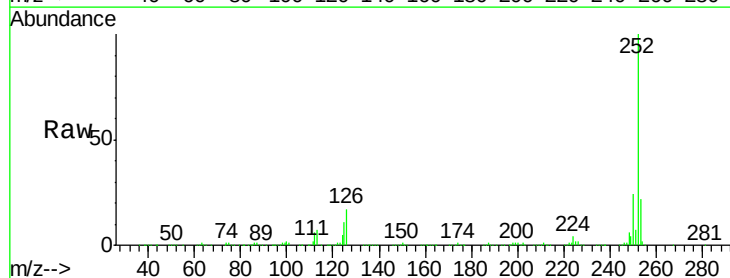
Instrument :
BNA_F
ClientSampleId :
PB95152BS

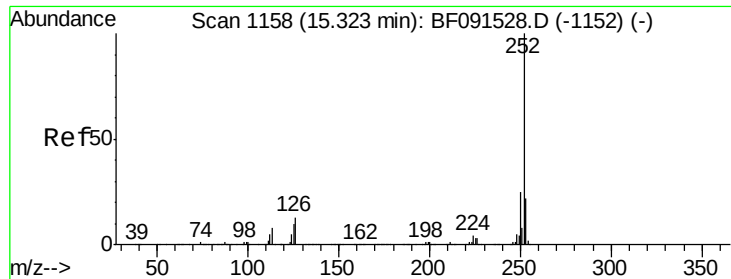
Tgt Ion:252 Resp: 2906834
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.2 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 92.78 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:252 Resp: 2909035
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.2 9.6 14.4





#89

Benzo(a)pyrene

Concen: 44.25 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

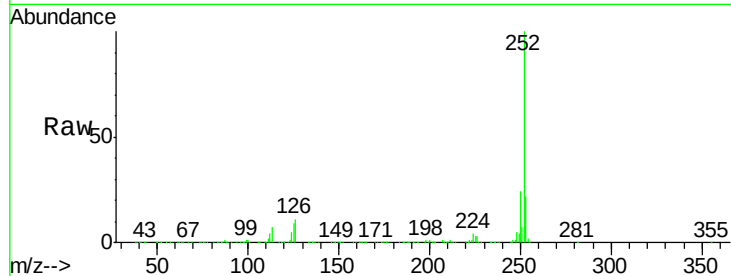
Tgt Ion:252 Resp: 1421501

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

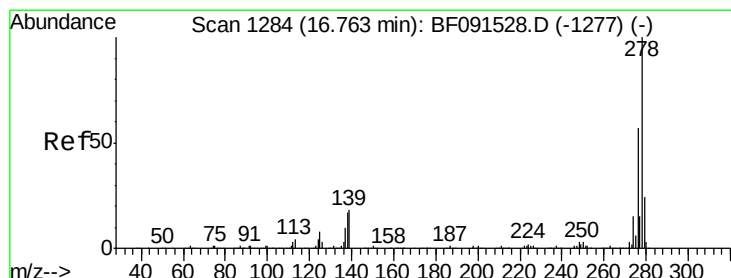
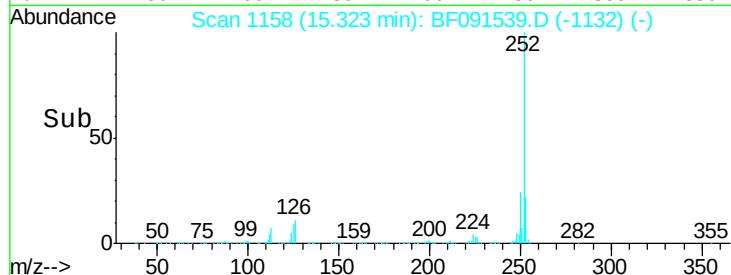
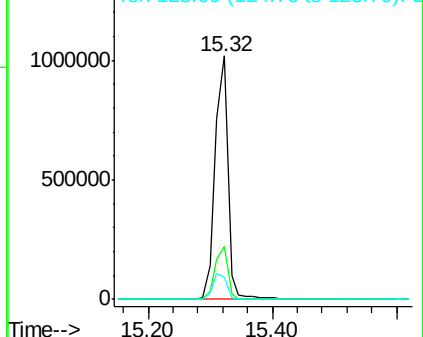
125 9.0 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.37 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

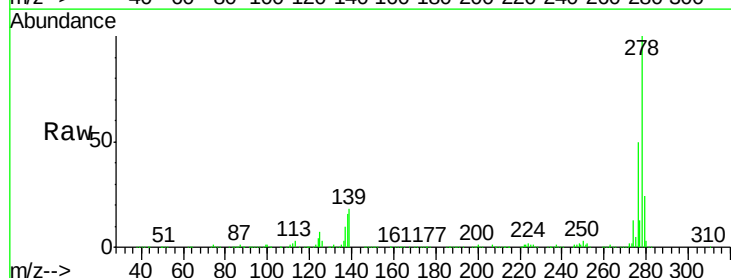
Tgt Ion:278 Resp: 1190595

Ion Ratio Lower Upper

278 100

139 17.9 15.1 22.7

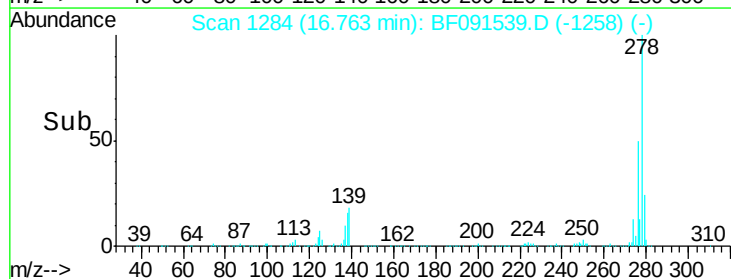
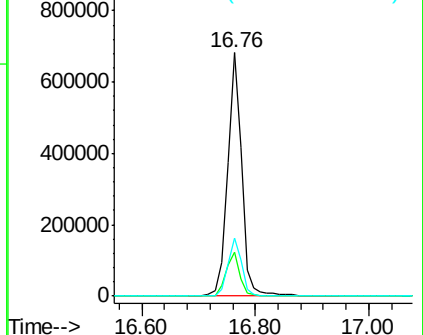
279 23.9 19.0 28.6

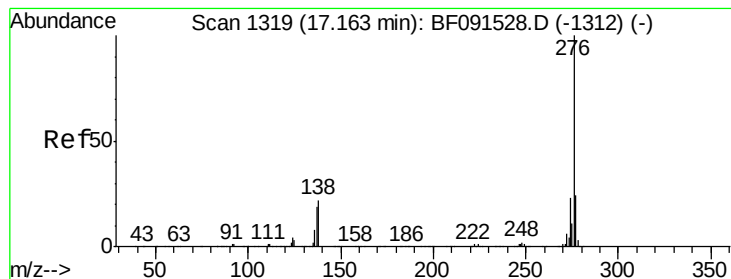


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.21 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

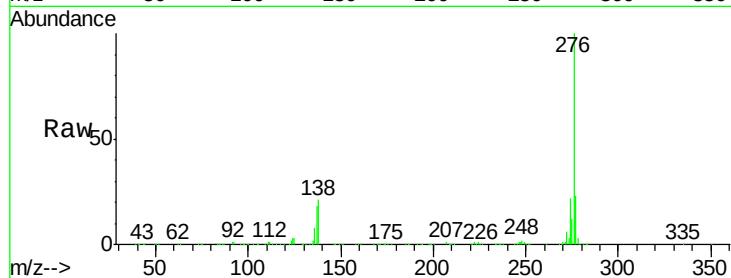
Tgt Ion: 276 Resp: 1236360

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 20.8 15.4 23.0



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

