

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091548.D
 Acq On : 13 Dec 2016 12:37
 Operator : UM/SJ
 Sample : PB95236BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Quant Time: Dec 14 00:15:22 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	6.82	152	319334	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1251511	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	639367	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	1030335	20.00	ng	0.00
75) Chrysene-d12	13.96	240	645899	20.00	ng	0.00
86) Perylene-d12	15.38	264	666161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2518526	132.87	ng	0.02
7) Phenol-d6	6.46	99	2872003	121.54	ng	0.01
23) Nitrobenzene-d5	7.38	82	2010010	89.64	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	722041	135.96	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3340304	90.27	ng	0.00
78) Terphenyl-d14	12.92	244	2812008	98.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	351571	35.14	ng	# 85
3) Pyridine	3.17	79	1043084	39.13	ng	# 83
4) n-Nitrosodimethylamine	3.13	42	489145	42.71	ng	# 65
6) Aniline	6.48	93	653098	21.08	ng	# 1
8) 2-Chlorophenol	6.60	128	884964	41.36	ng	90
9) Benzaldehyde	6.35	77	170080	10.46	ng	97
10) Phenol	6.48	94	1208776	43.75	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	932575	44.93	ng	87
12) 1,3-Dichlorobenzene	6.99	146	900102	38.80	ng	96
13) 1,4-Dichlorobenzene	6.83	146	933389	40.79	ng	97
14) 1,2-Dichlorobenzene	6.83	146	933389	45.26	ng	98
15) Benzyl Alcohol	6.97	79	813605	43.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1388922	43.18	ng	82
17) 2-Methylphenol	7.08	107	768891	43.43	ng	# 77
18) Hexachloroethane	7.33	117	373675	41.84	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	706423	47.81	ng	# 73
20) 3+4-Methylphenols	7.24	107	948948	49.98	ng	87
22) Acetophenone	7.23	105	1308216	43.63	ng	# 96
24) Nitrobenzene	7.40	77	1103362	46.57	ng	# 86
25) Isophorone	7.64	82	1844412	46.27	ng	100
26) 2-Nitrophenol	7.72	139	516806	49.43	ng	# 66
27) 2,4-Dimethylphenol	7.77	122	920076	50.10	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	1208268	51.68	ng	97
29) 2,4-Dichlorophenol	7.96	162	735973	46.06	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	789499	43.47	ng	99
31) Naphthalene	8.12	128	2483553	42.65	ng	99
32) Benzoic acid	7.89	122	550811	42.43	ng	95
33) 4-Chloroaniline	8.17	127	234000	9.33	ng	97
34) Hexachlorobutadiene	8.25	225	454880	43.69	ng	99
35) Caprolactam	8.54	113	153715	32.94	ng	# 61
36) 4-Chloro-3-methylphenol	8.67	107	854416	47.68	ng	94
37) 2-Methylnaphthalene	8.82	142	1742392	46.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	638921	36.43	ng	98
40) Hexachlorocyclopentadiene	8.97	237	769528	98.43	ng	99

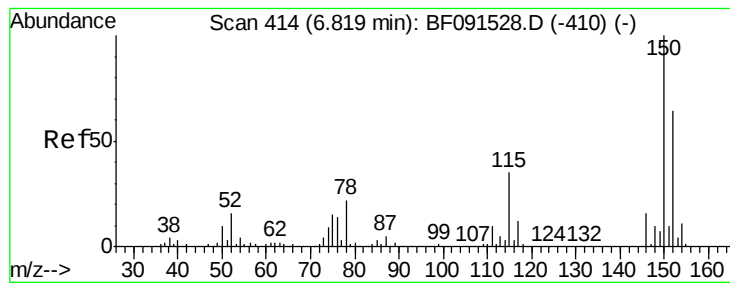
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	493740	43.82	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	499160	43.11	ng #	83
45) 1,1'-Biphenyl	9.28	154	1889235	40.80	ng	99
46) 2-Chloronaphthalene	9.30	162	1482960	41.35	ng	98
47) 2-Nitroaniline	9.40	65	567378	47.05	ng	95
48) Acenaphthylene	9.72	152	2463252	45.06	ng	99
49) Dimethylphthalate	9.58	163	1780619	43.98	ng	98
50) 2,6-Dinitrotoluene	9.64	165	420974	47.38	ng	90
51) Acenaphthene	9.89	154	1733231	45.65	ng	97
52) 3-Nitroaniline	9.80	138	179958	17.24	ng	89
53) 2,4-Dinitrophenol	9.92	184	357021	71.64	ng	90
54) Dibenzofuran	10.06	168	2182022	46.45	ng	93
55) 4-Nitrophenol	9.98	139	618240	79.61	ng	90
56) 2,4-Dinitrotoluene	10.04	165	494210	44.37	ng #	58
57) Fluorene	10.41	166	1543998	46.12	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	417005	46.00	ng	91
59) Diethylphthalate	10.28	149	1745310	44.77	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	710733	42.08	ng #	84
61) 4-Nitroaniline	10.43	138	452078	43.58	ng	88
62) Azobenzene	10.56	77	2166000	49.03	ng	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	282905	45.38	ng #	46
65) n-Nitrosodiphenylamine	10.51	169	1487050	48.41	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	503160	47.63	ng #	82
67) Hexachlorobenzene	10.94	284	483287	44.00	ng #	73
68) Atrazine	11.05	200	514813	52.12	ng	99
69) Pentachlorophenol	11.15	266	552292	89.34	ng	97
70) Phenanthrene	11.36	178	2239816	43.90	ng	98
71) Anthracene	11.41	178	2580358	46.89	ng	99
72) Carbazole	11.56	167	2089148	43.31	ng	98
73) Di-n-butylphthalate	11.90	149	2769801	49.28	ng	99
74) Fluoranthene	12.54	202	2479728	46.41	ng	98
76) Benzidine	12.66	184	660252	33.06	ng	99
77) Pyrene	12.77	202	2543037	49.63	ng	99
79) Butylbenzylphthalate	13.39	149	1063553	53.24	ng	86
80) Benzo(a)anthracene	13.95	228	1777604	47.39	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	271879	20.18	ng #	95
82) Chrysene	14.00	228	1925733	49.07	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1303929	50.88	ng #	92
84) Di-n-octyl phthalate	14.57	149	2334150	53.66	ng #	92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1772129	50.18	ng	99
87) Benzo(b)fluoranthene	14.98	252	3405504	85.76	ng	98
88) Benzo(k)fluoranthene	14.98	252	3406530	97.56	ng #	97
89) Benzo(a)pyrene	15.32	252	1612084	45.06	ng	97
90) Dibenzo(a,h)anthracene	16.77	278	1446409	45.13	ng #	94
91) Benzo(g,h,i)perylene	17.16	276	1514856	46.44	ng #	95

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

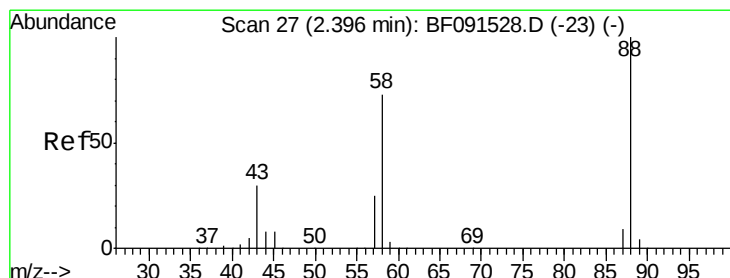
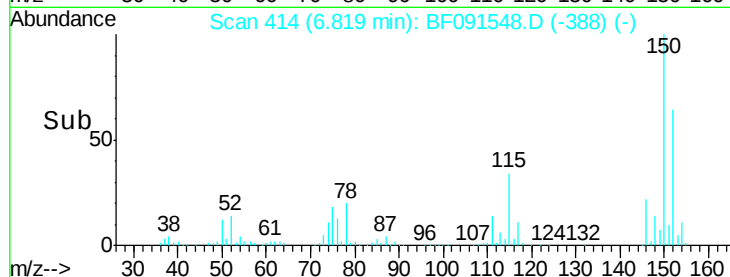
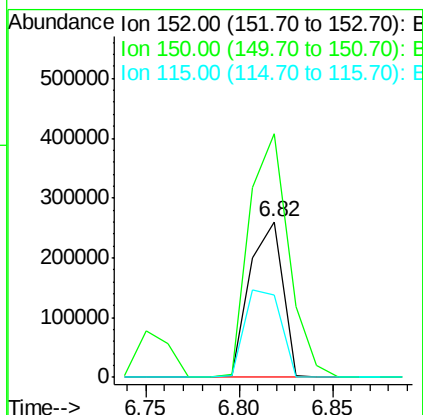
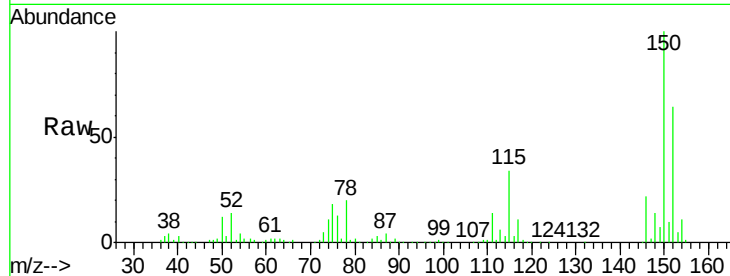


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

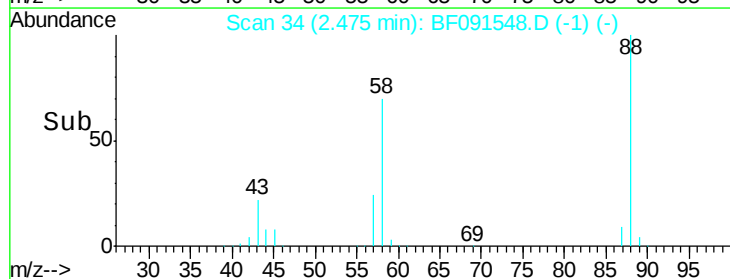
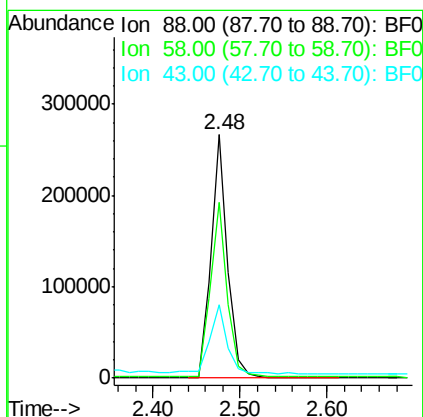
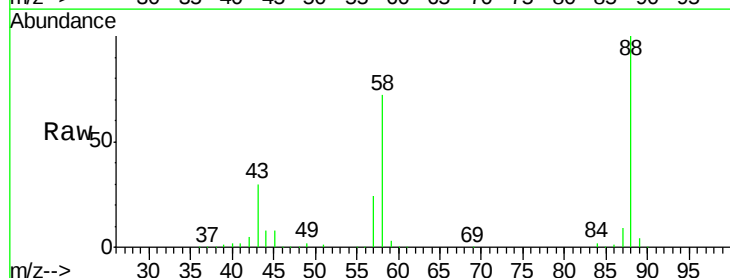
Tgt Ion:152 Resp: 319334
Ion Ratio Lower Upper
152 100
150 156.3 122.5 183.7
115 52.5 51.8 77.8

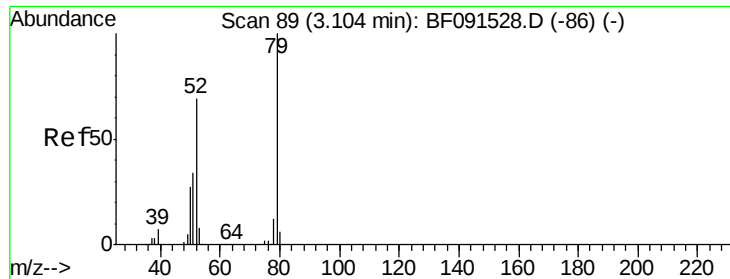


#2

1,4-Dioxane
Concen: 35.14 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.08 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion: 88 Resp: 351571
Ion Ratio Lower Upper
88 100
58 73.1 70.3 105.5
43 30.7 31.3 46.9#

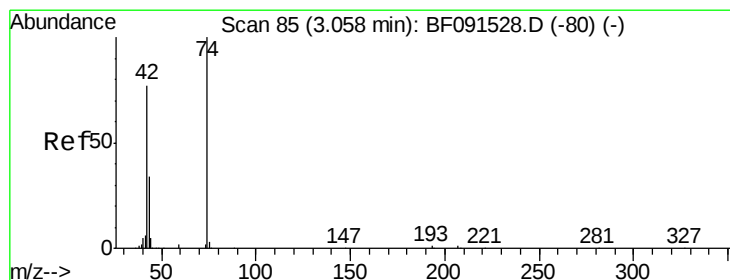
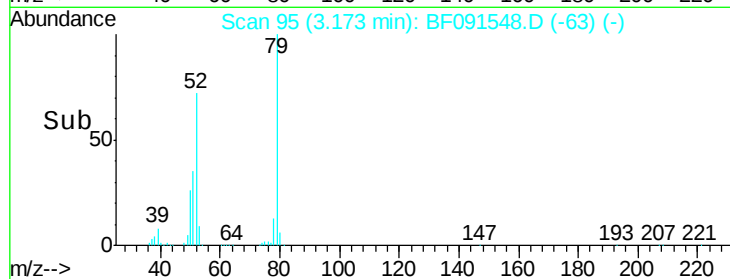
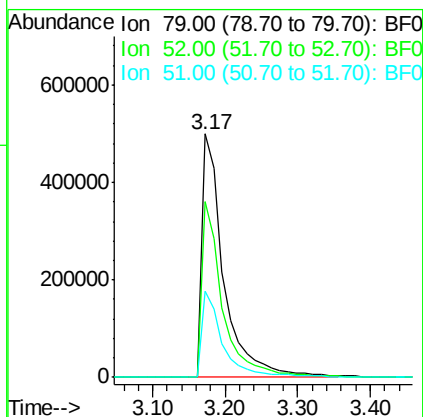
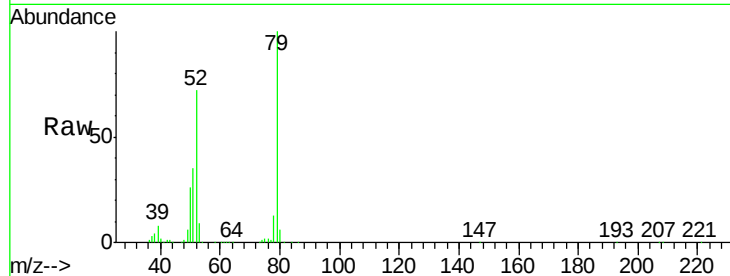




#3
 Pyridine
 Concen: 39.13 ng
 RT: 3.17 min Scan# 95
 Delta R.T. 0.07 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

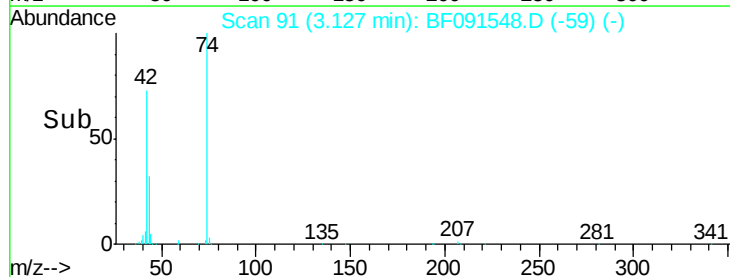
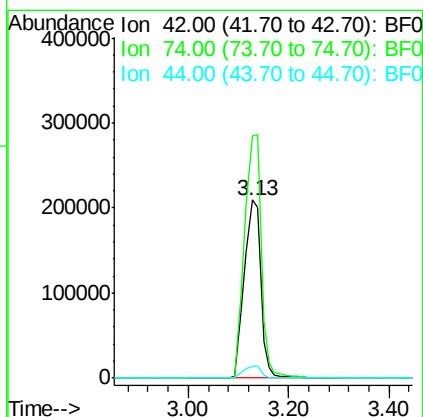
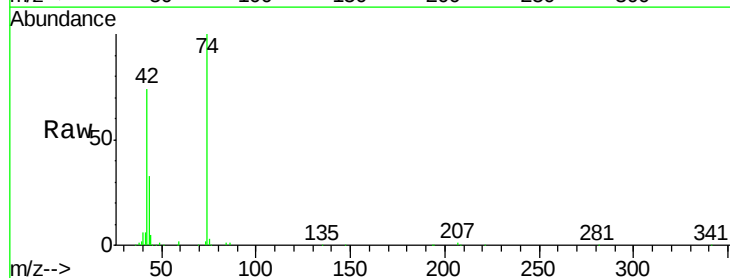
Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

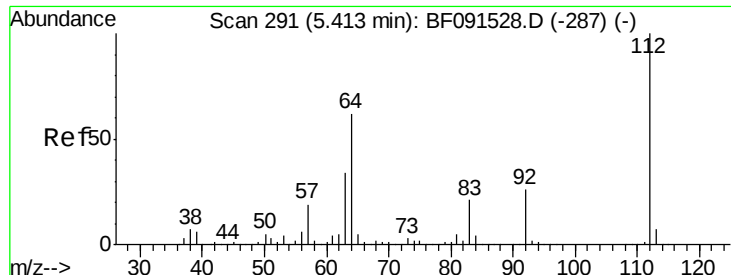
Tgt Ion: 79 Resp: 1043084
 Ion Ratio Lower Upper
 79 100
 52 72.3 71.0 106.4
 51 35.5 37.0 55.4#



#4
 n-Nitrosodimethylamine
 Concen: 42.71 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.07 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion: 42 Resp: 489145
 Ion Ratio Lower Upper
 42 100
 74 135.9 78.9 118.3#
 44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 132.87 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

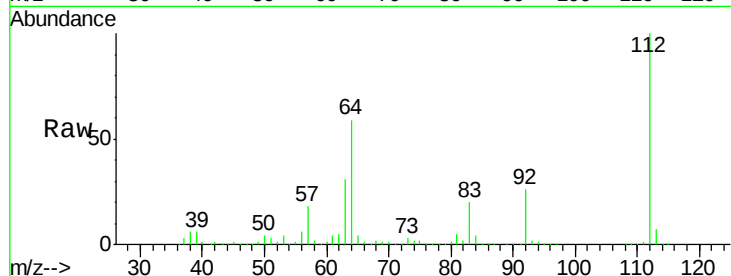
Tgt Ion: 112 Resp: 2518526

Ion Ratio Lower Upper

112 100

64 59.0 61.5 92.3#

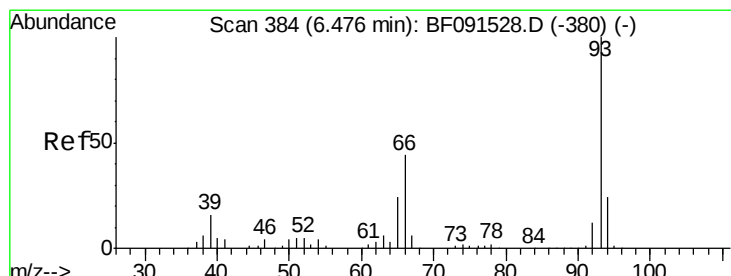
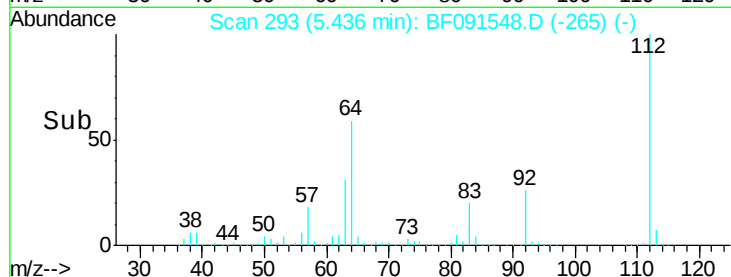
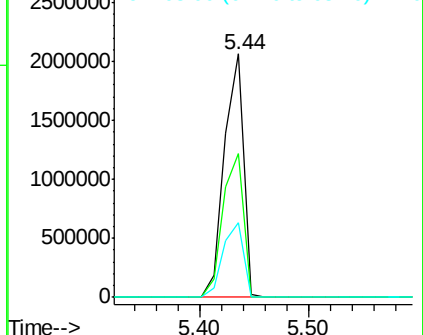
63 30.8 33.3 49.9#



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: 21.08 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

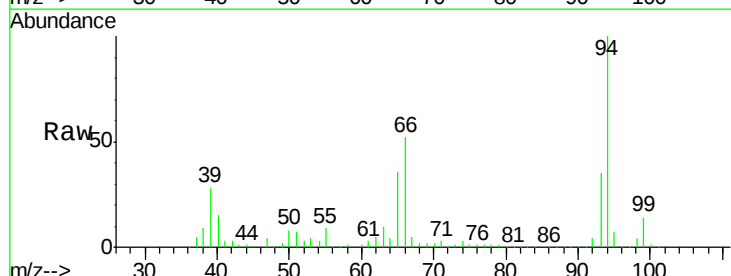
Tgt Ion: 93 Resp: 653098

Ion Ratio Lower Upper

93 100

66 147.5 55.8 83.6#

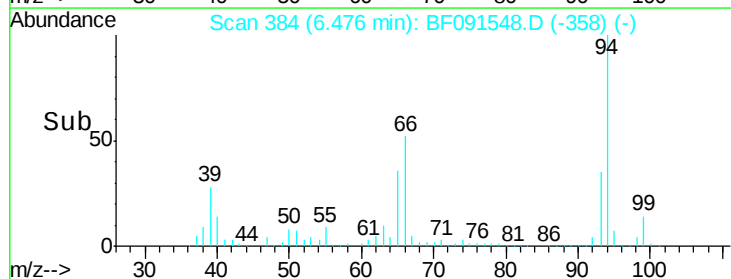
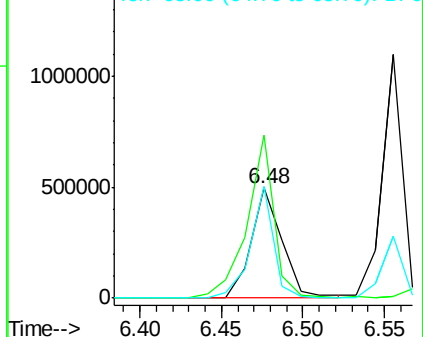
65 101.8 29.9 44.9#

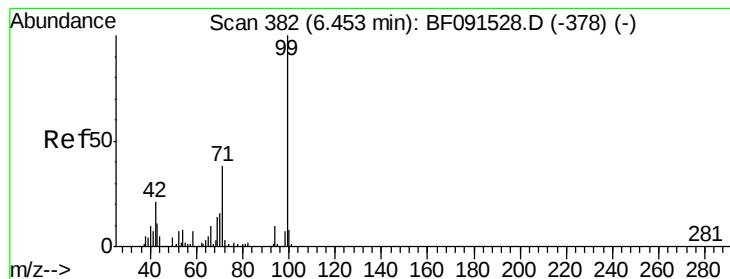


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.54 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

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ClientSampleId :

PB95236BS

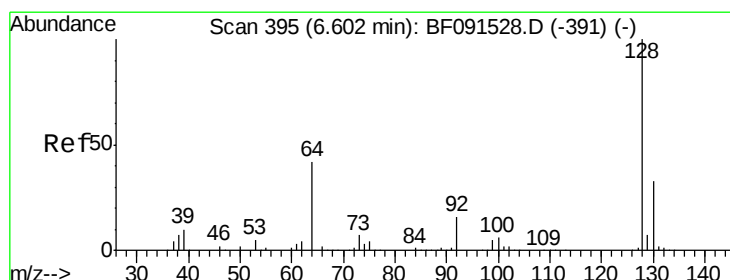
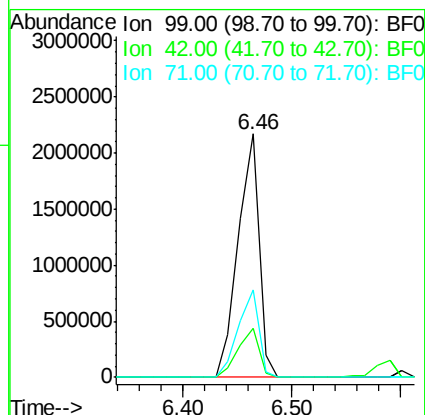
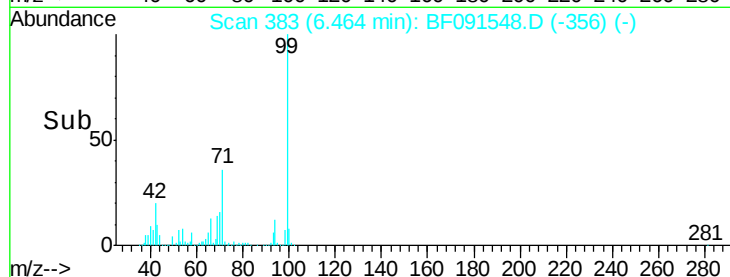
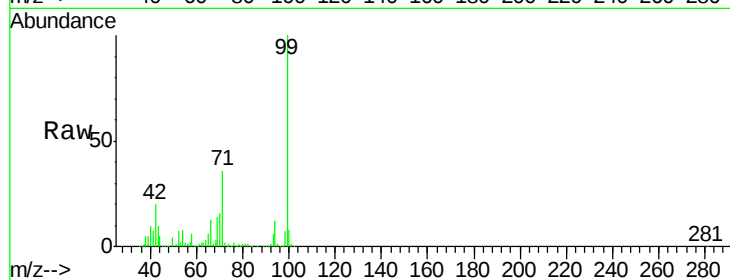
Tgt Ion: 99 Resp: 2872003

Ion Ratio Lower Upper

99 100

42 19.9 20.6 31.0#

71 35.9 29.9 44.9



#8

2-Chlorophenol

Concen: 41.36 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

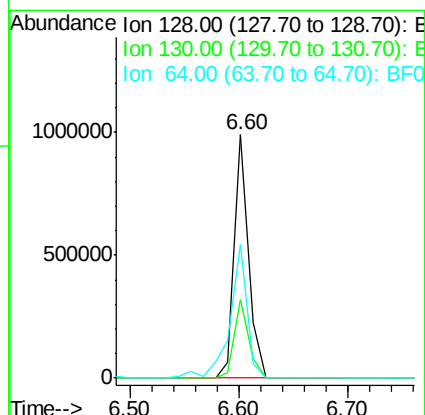
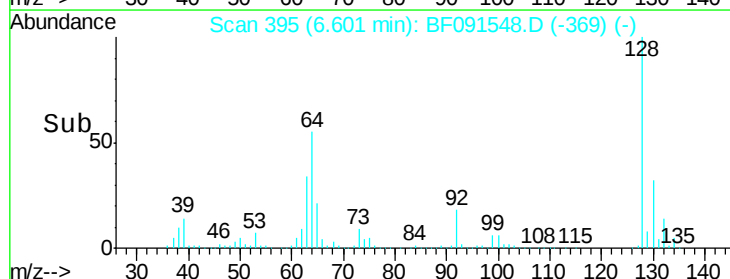
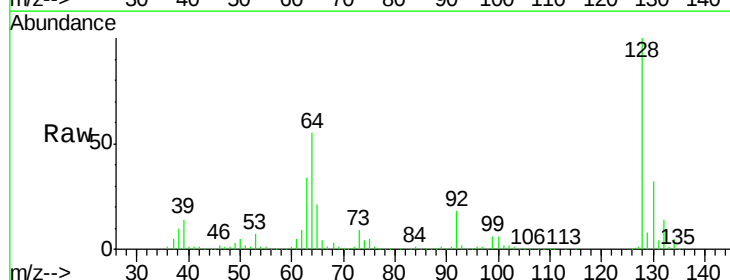
Tgt Ion: 128 Resp: 884964

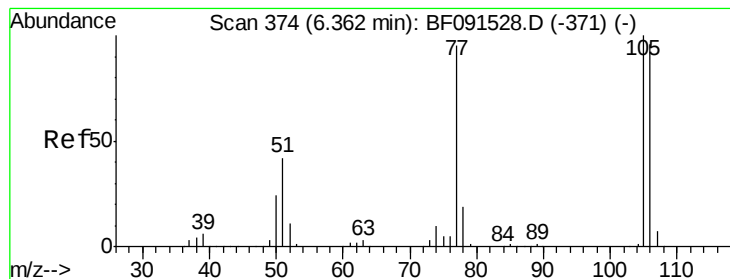
Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

64 55.0 24.1 64.1





#9

Benzaldehyde

Concen: 10.46 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

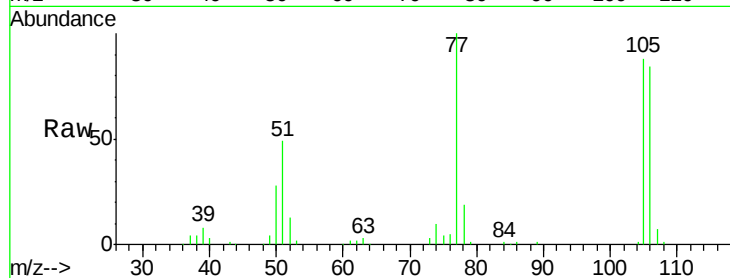
Tgt Ion: 77 Resp: 170080

Ion Ratio Lower Upper

77 100

105 88.0 66.4 106.4

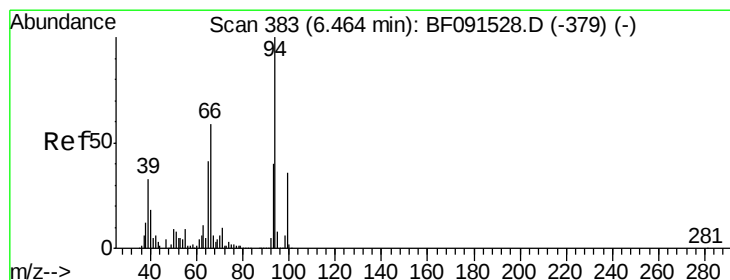
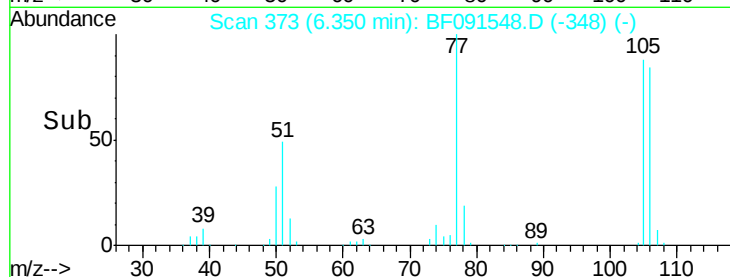
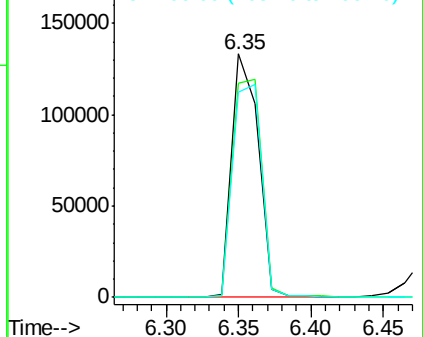
106 84.5 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.75 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

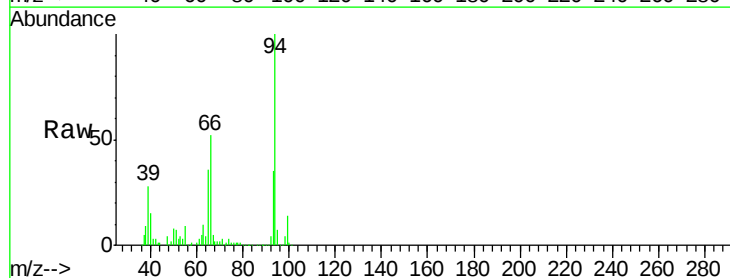
Tgt Ion: 94 Resp: 1208776

Ion Ratio Lower Upper

94 100

65 35.7 16.9 56.9

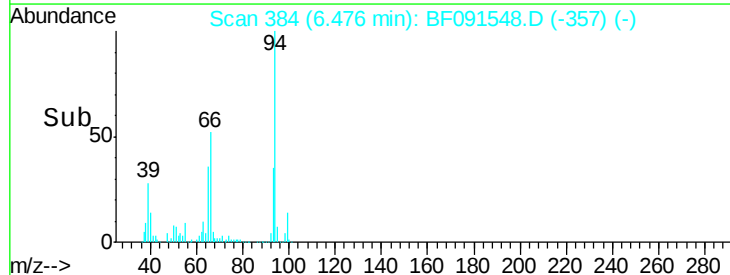
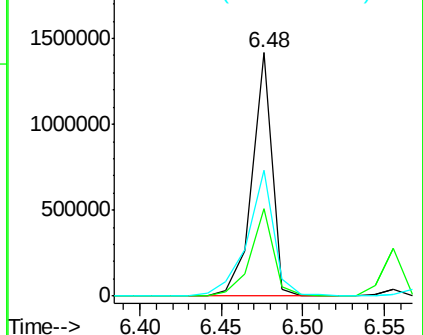
66 51.7 30.6 70.6

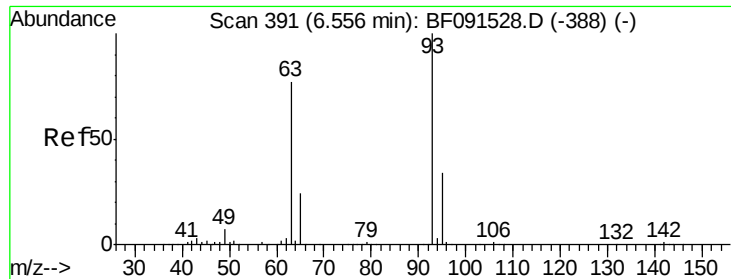


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

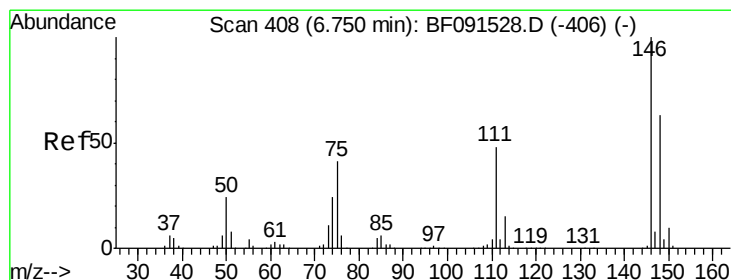
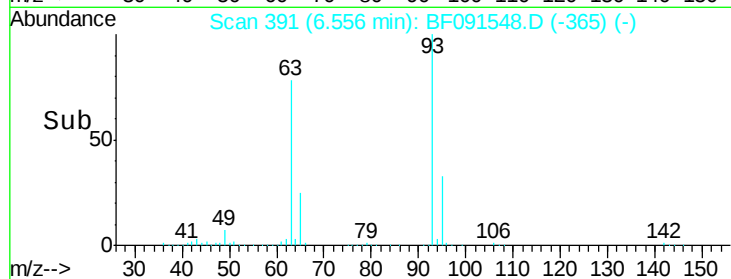
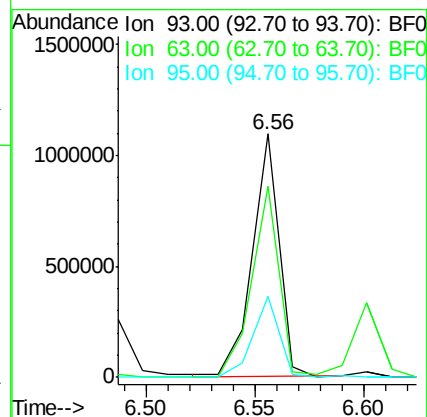
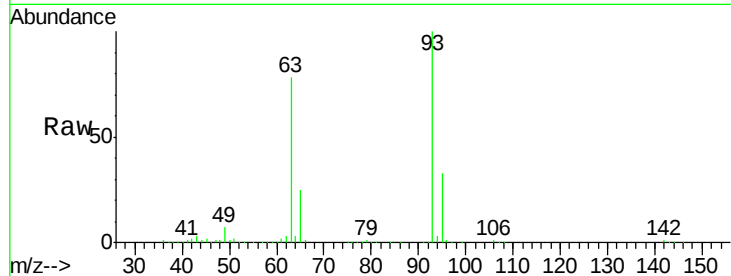




#11
 bis(2-Chloroethyl)ether
 Concen: 44.93 ng
 RT: 6.56 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

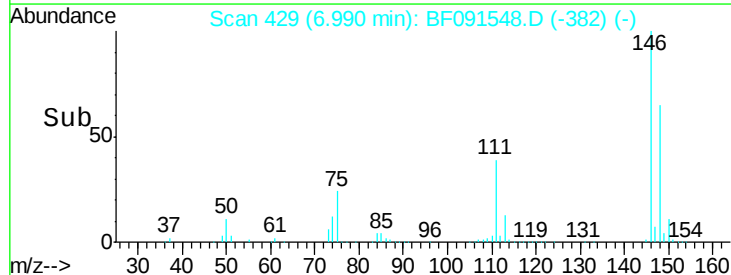
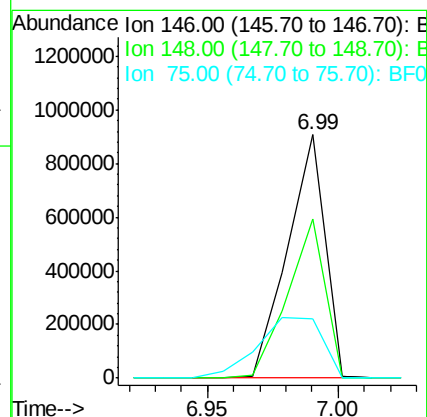
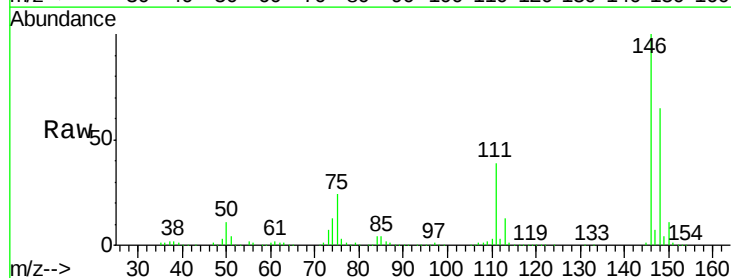
Instrument :
 BNA_F
 ClientSampled :
 PB95236BS

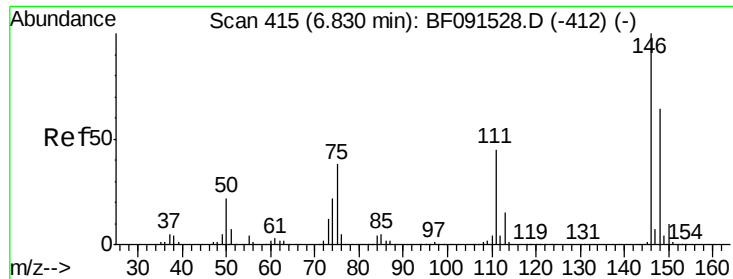
Tgt Ion: 93 Resp: 932575
 Ion Ratio Lower Upper
 93 100
 63 78.4 74.8 114.8
 95 33.2 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 38.80 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.24 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion: 146 Resp: 900102
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.4 77.0
 75 24.4 23.6 35.4

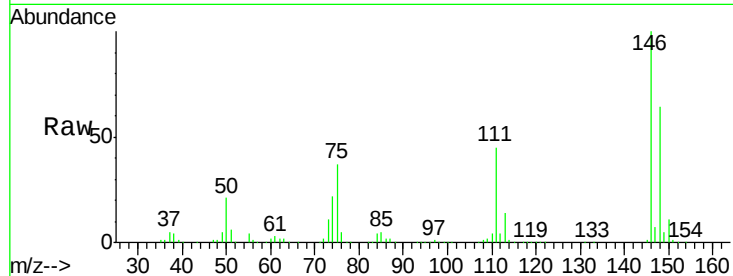




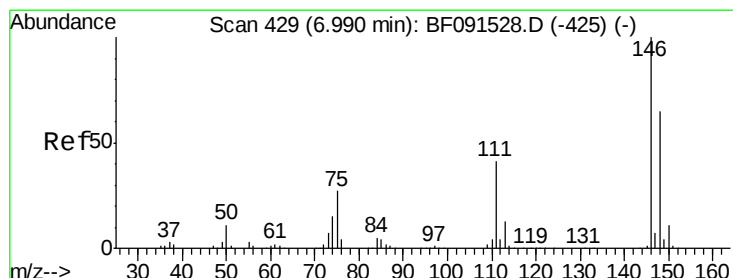
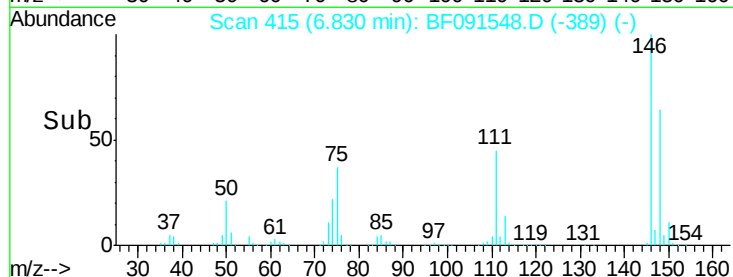
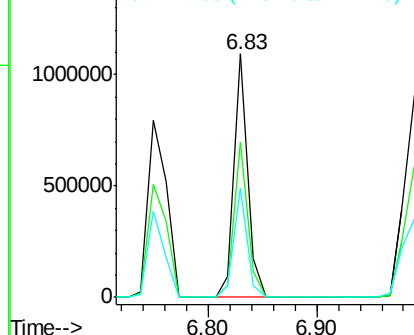
#13
 1,4-Dichlorobenzene
 Concen: 40.79 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tgt Ion:146 Resp: 933389
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 44.9 32.2 48.2

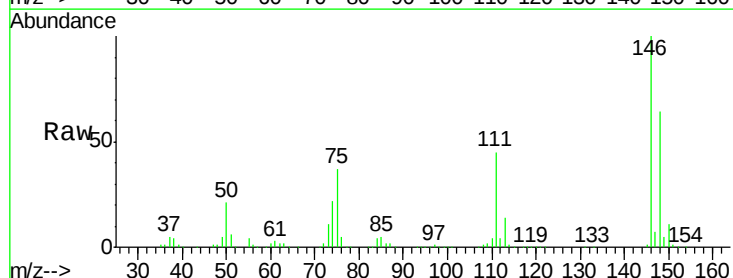


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

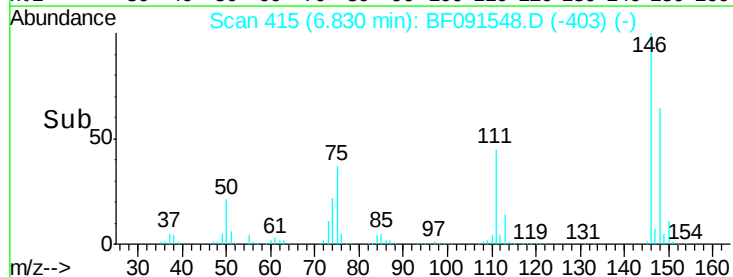
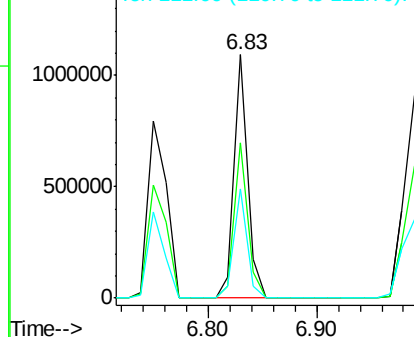


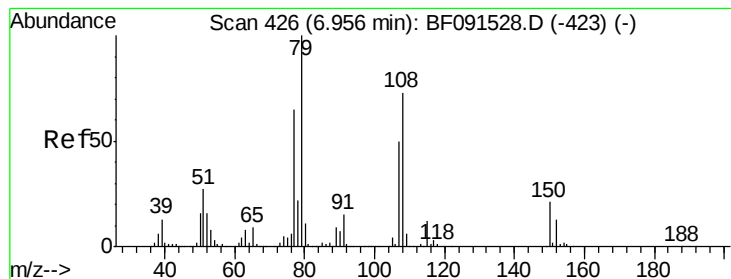
#14
 1,2-Dichlorobenzene
 Concen: 45.26 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:146 Resp: 933389
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.6
 111 44.9 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: 43.61 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

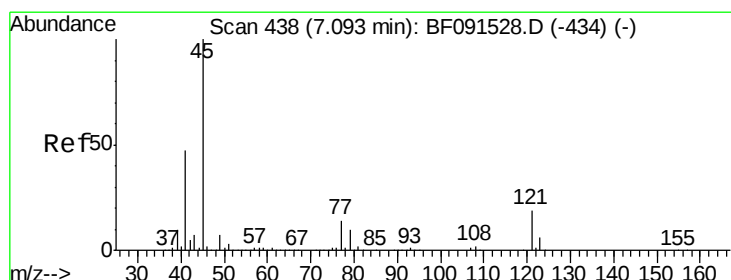
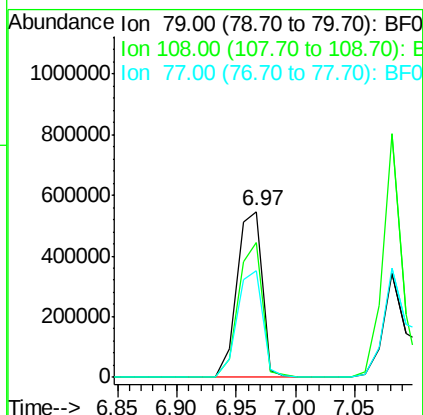
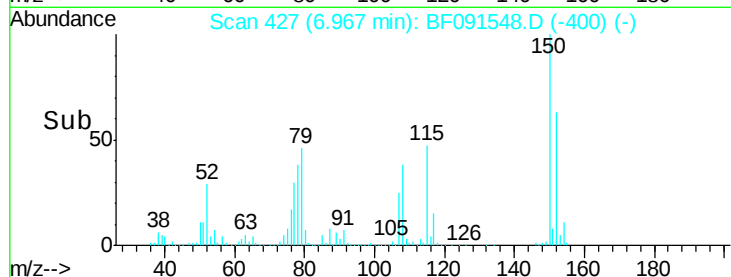
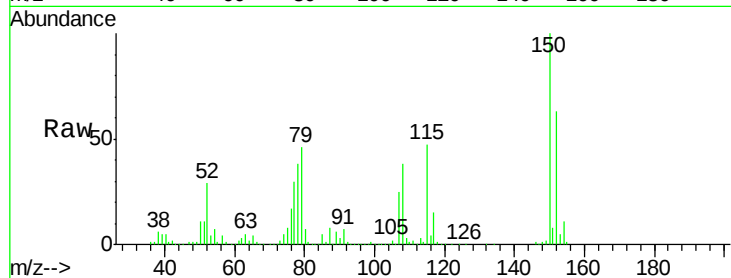
Tgt Ion: 79 Resp: 813605

Ion Ratio Lower Upper

79 100

108 81.4 62.7 94.1

77 64.2 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.18 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

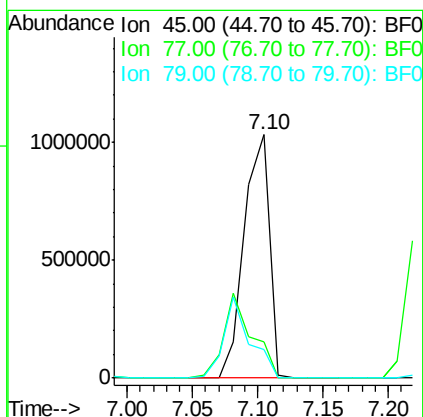
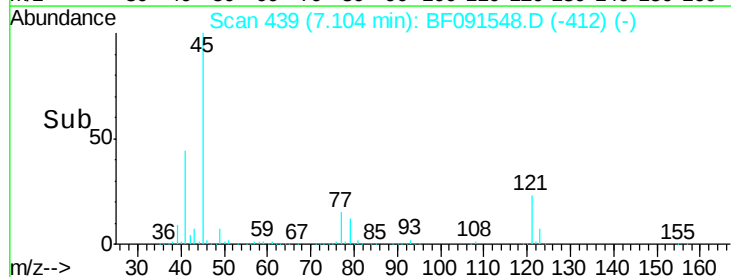
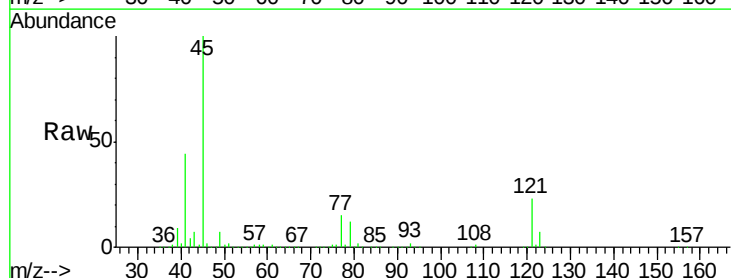
Tgt Ion: 45 Resp: 1388922

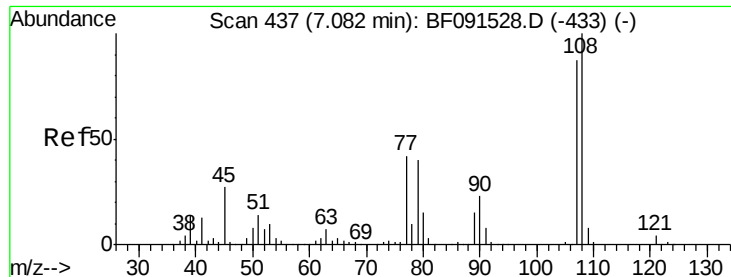
Ion Ratio Lower Upper

45 100

77 15.0 3.8 43.8

79 11.9 0.2 40.2





#17

2-Methylphenol

Concen: 43.43 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tgt Ion:107 Resp: 768891

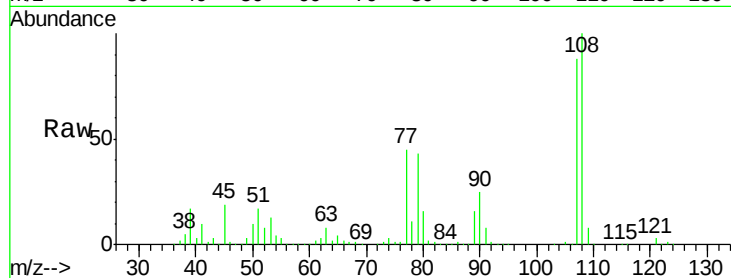
Ion Ratio Lower Upper

107 100

108 114.0 67.7 101.5#

77 50.9 40.7 61.1

79 48.8 23.4 35.2#



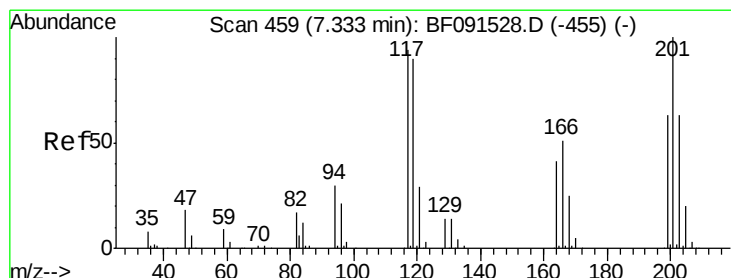
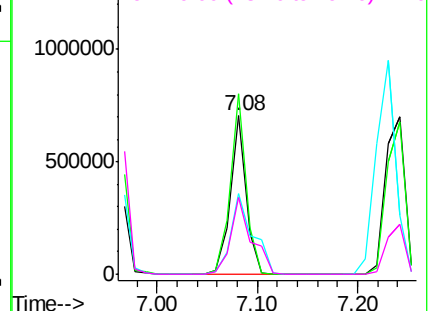
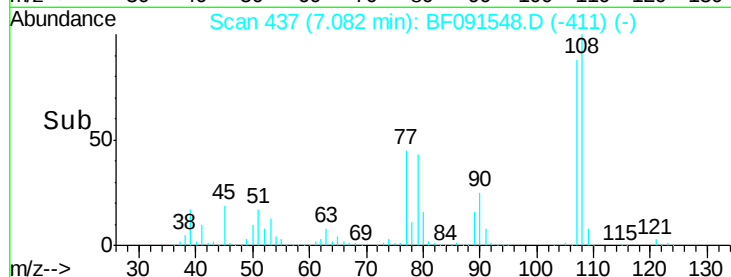
Abundance

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: 41.84 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

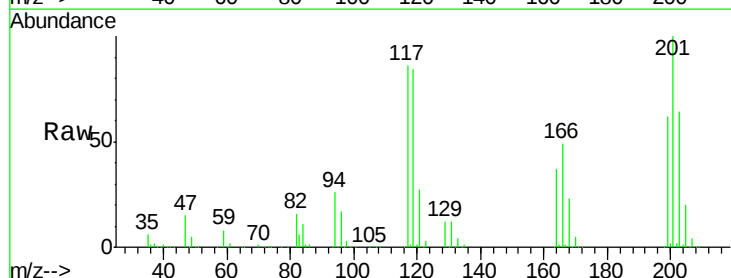
Tgt Ion:117 Resp: 373675

Ion Ratio Lower Upper

117 100

119 97.5 78.6 118.0

201 116.0 86.7 130.1

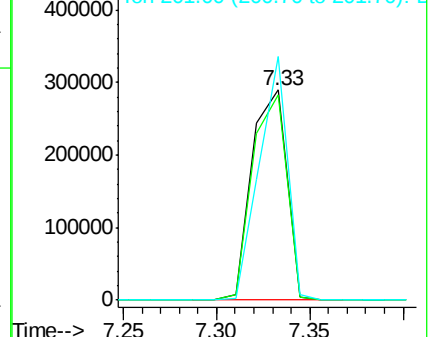
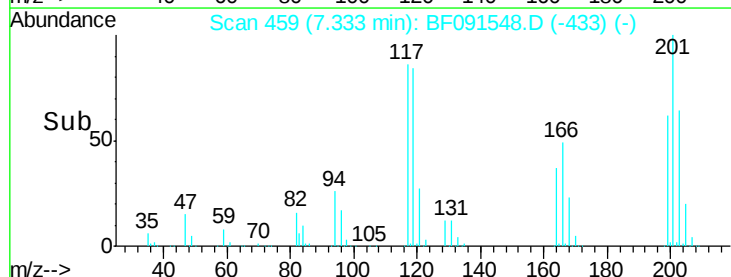


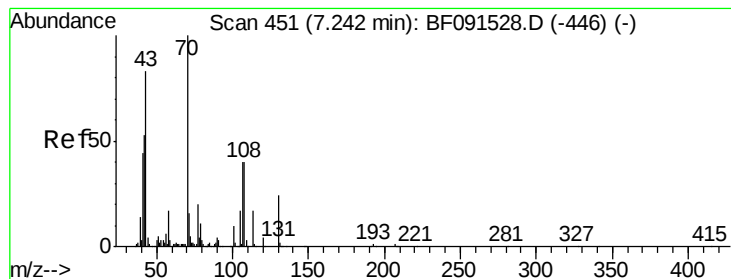
Abundance

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: 47.81 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tgt Ion: 70 Resp: 706423

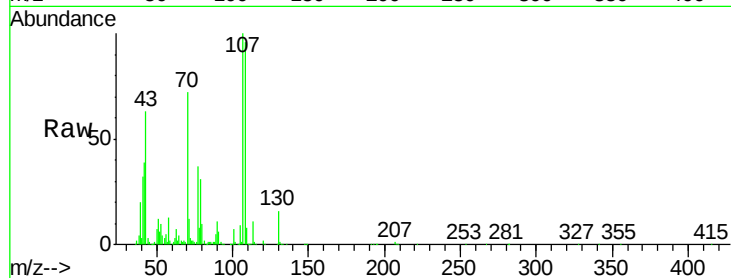
Ion Ratio Lower Upper

70 100

42 54.1 64.8 97.2#

101 9.4 6.2 9.4

130 21.9 11.7 17.5#



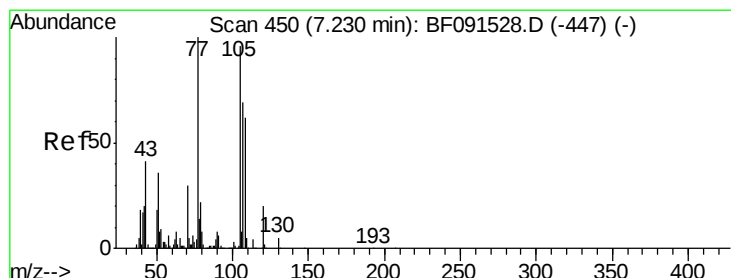
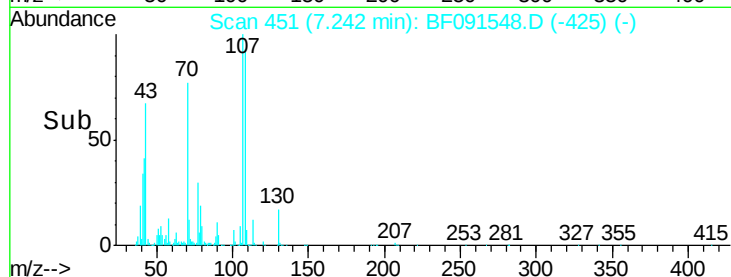
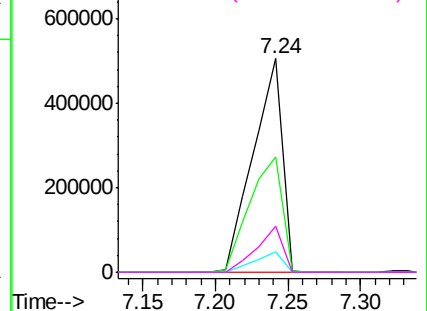
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 49.98 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion: 107 Resp: 948948

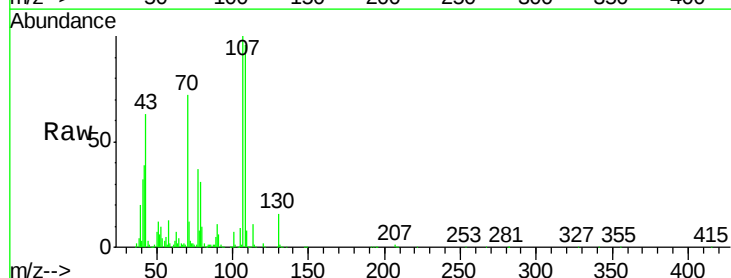
Ion Ratio Lower Upper

107 100

108 96.3 64.6 104.6

77 37.1 30.9 70.9

79 31.5 9.3 49.3



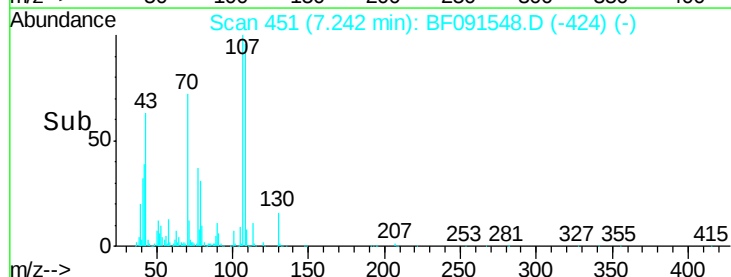
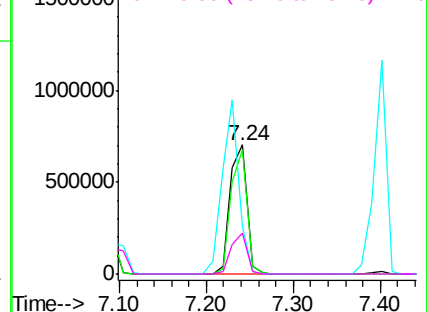
Abundance

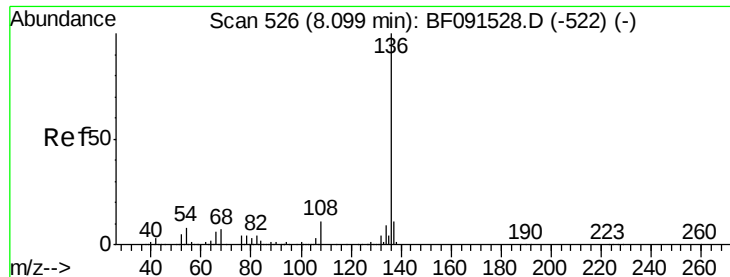
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

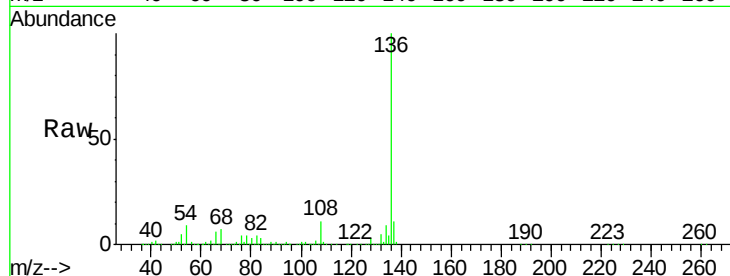




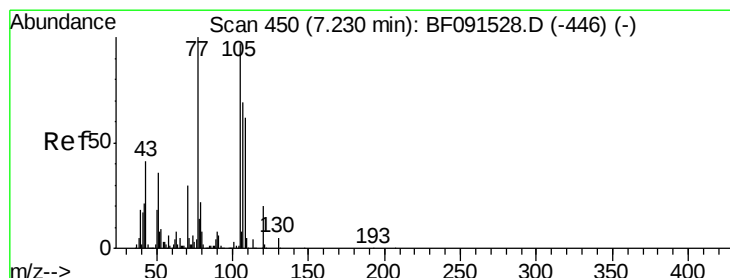
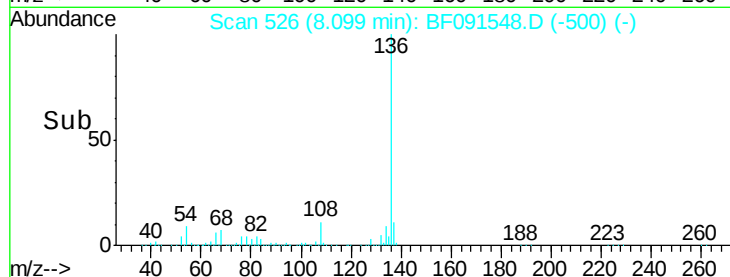
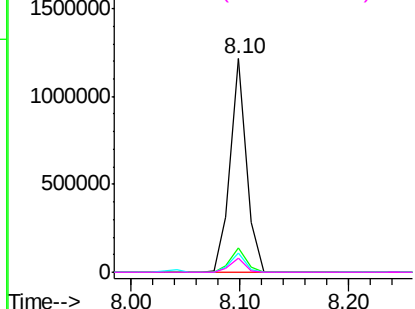
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tgt Ion:	136	Resp:	1251511
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	9.1	13.7#
68	6.7	5.9	8.9

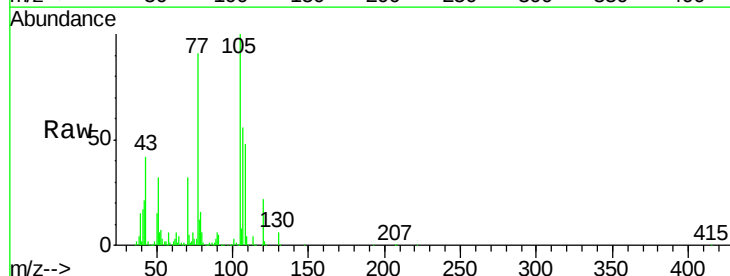


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

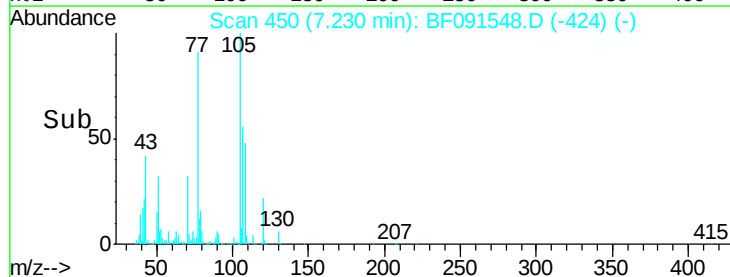
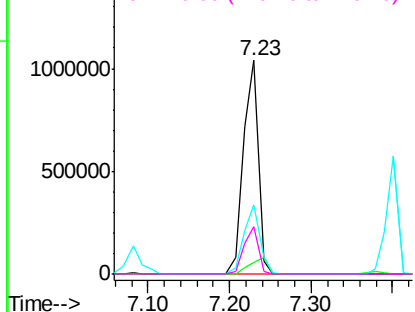


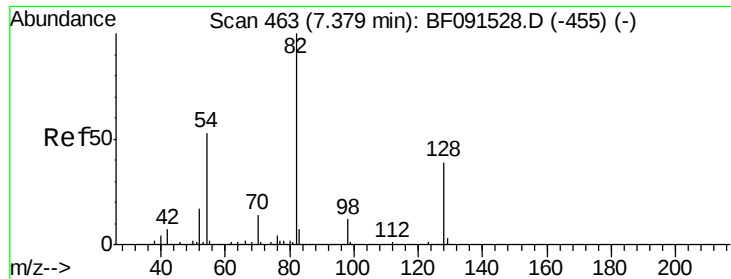
#22
Acetophenone
Concen: 43.63 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion:	105	Resp:	1308216
Ion	Ratio	Lower	Upper
105	100		
71	5.3	7.9	11.9#
51	32.3	24.5	36.7
120	22.0	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

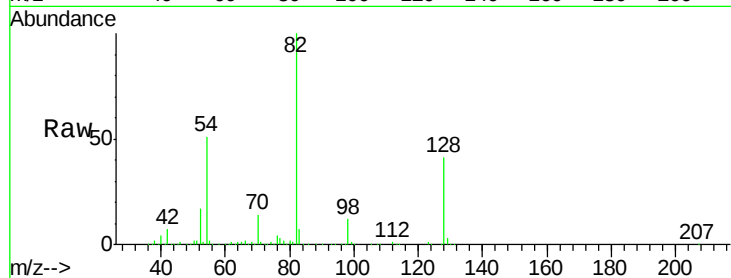




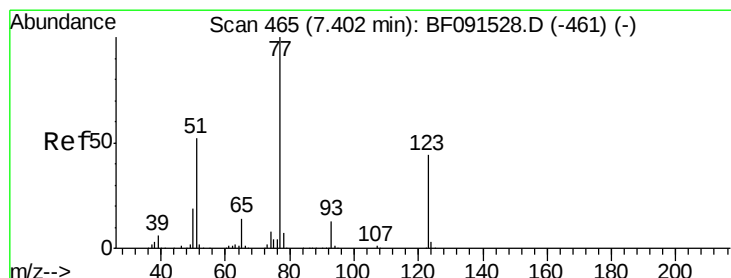
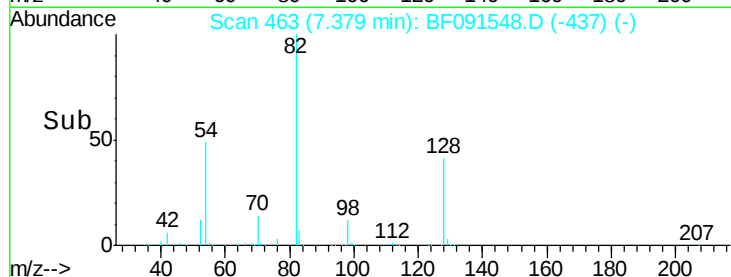
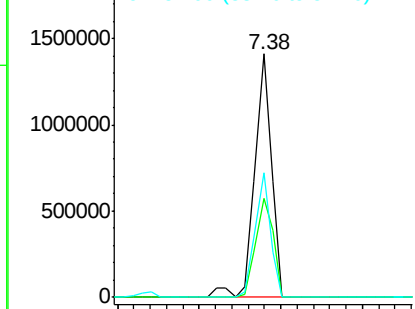
#23
 Nitrobenzene-d5
 Concen: 89.64 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tgt Ion: 82 Resp: 2010010
 Ion Ratio Lower Upper
 82 100
 128 40.8 31.8 47.6
 54 51.2 49.1 73.7

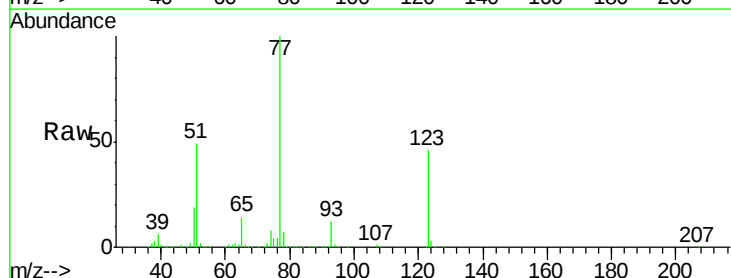


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

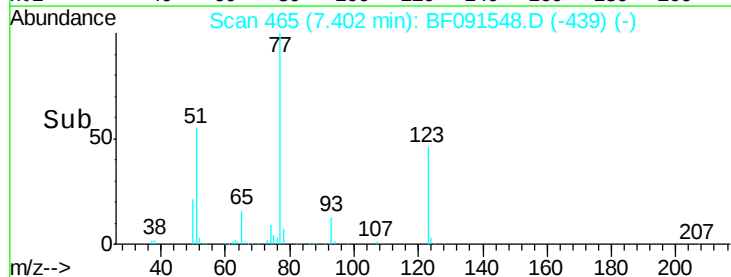
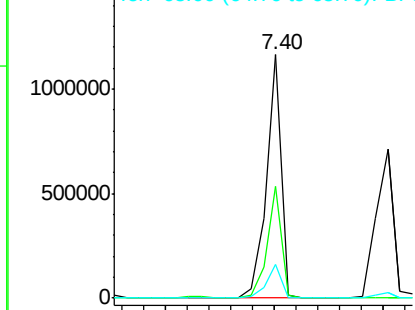


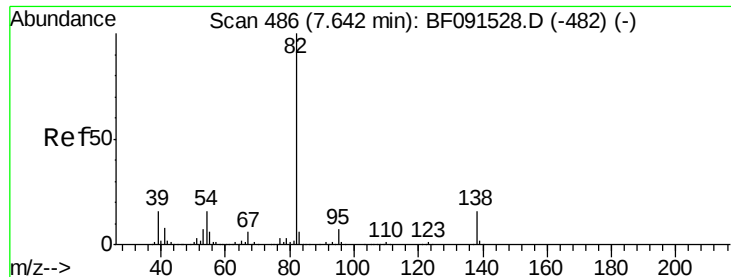
#24
 Nitrobenzene
 Concen: 46.57 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion: 77 Resp: 1103362
 Ion Ratio Lower Upper
 77 100
 123 46.2 28.5 42.7#
 65 13.7 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.27 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

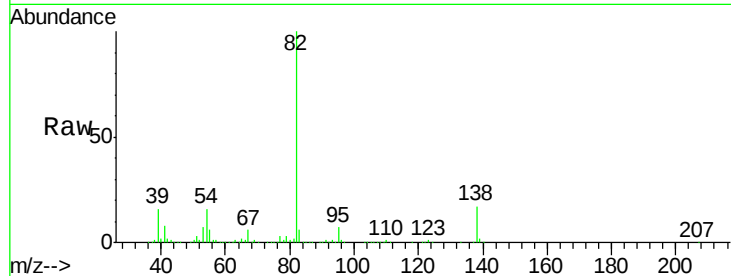
Tgt Ion: 82 Resp: 1844412

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

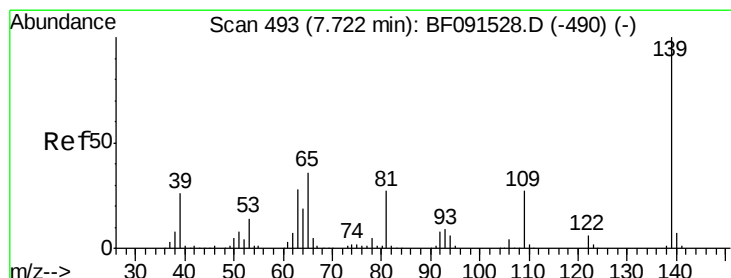
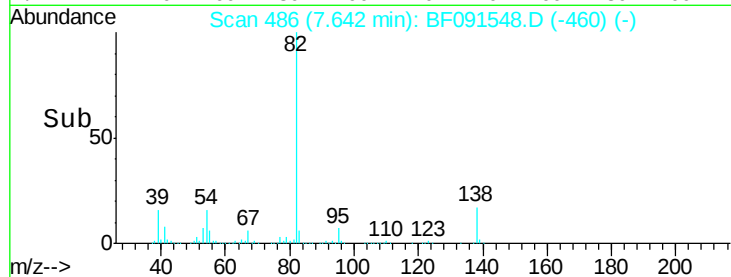
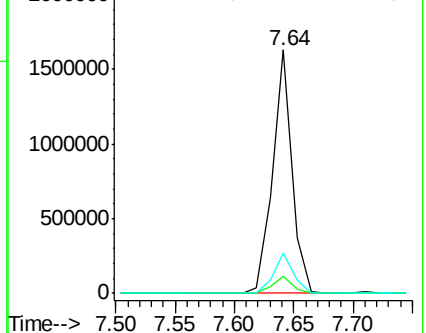
138 16.7 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.43 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

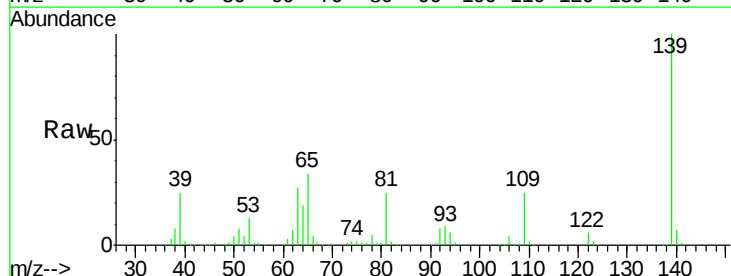
Tgt Ion: 139 Resp: 516806

Ion Ratio Lower Upper

139 100

109 24.8 25.3 37.9#

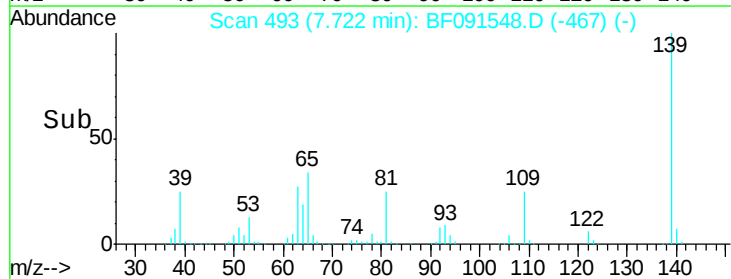
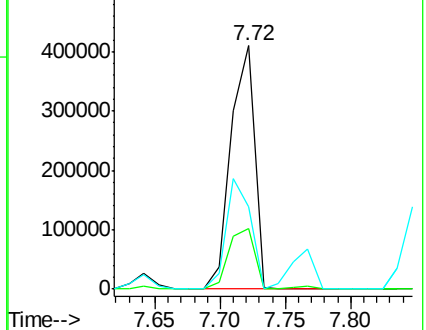
65 34.0 55.4 83.2#

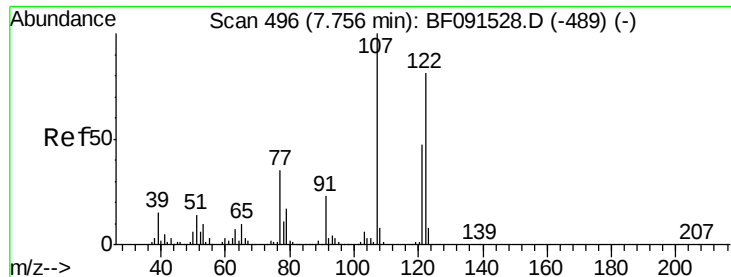


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.10 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

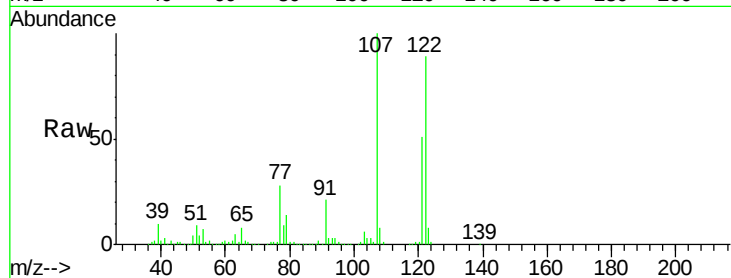
Tgt Ion:122 Resp: 920076

Ion Ratio Lower Upper

122 100

107 112.0 96.8 145.2

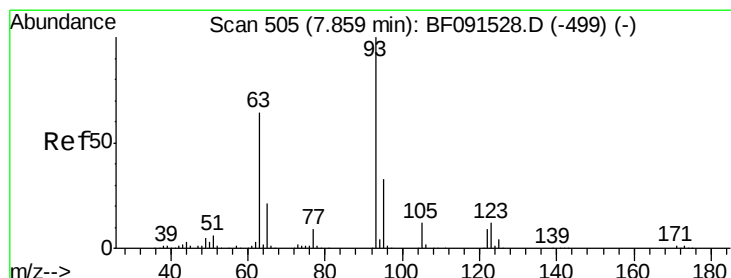
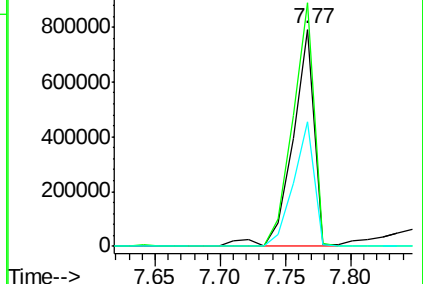
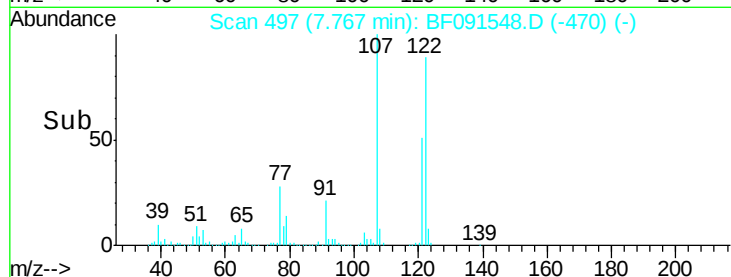
121 57.5 47.7 71.5



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: 51.68 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

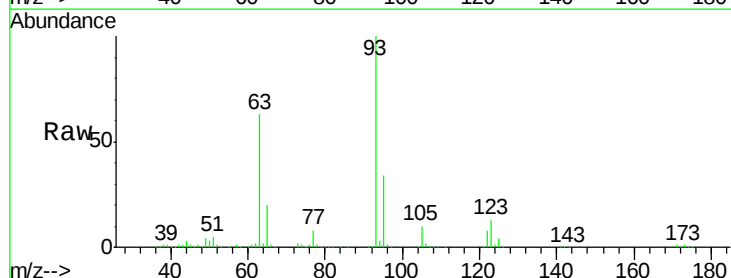
Tgt Ion: 93 Resp: 1208268

Ion Ratio Lower Upper

93 100

95 33.6 26.0 39.0

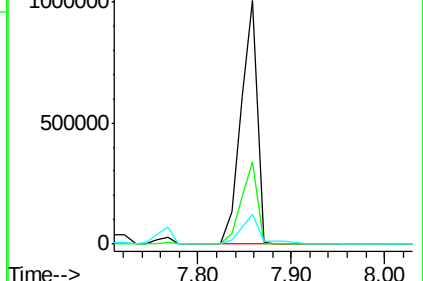
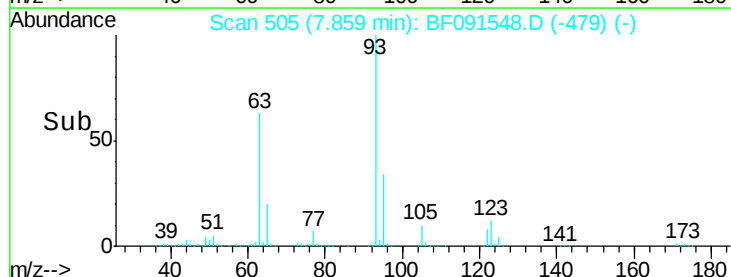
123 12.5 8.6 12.8

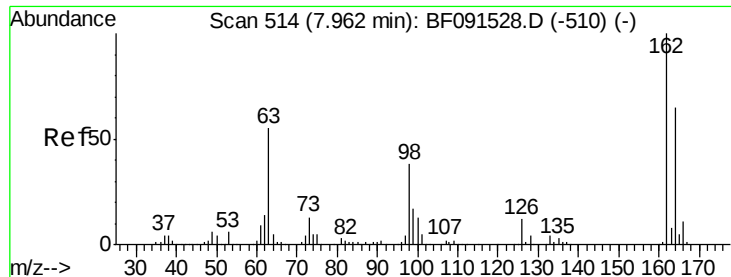


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

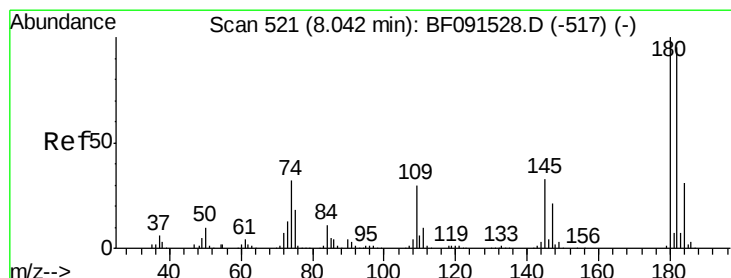
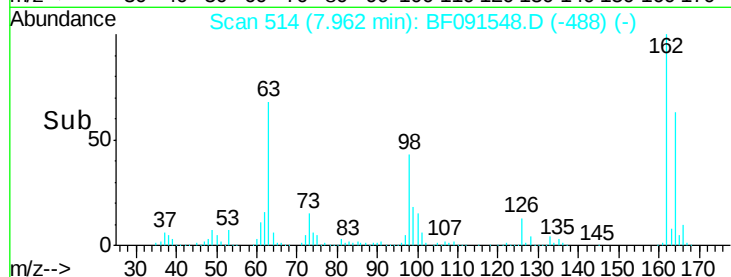
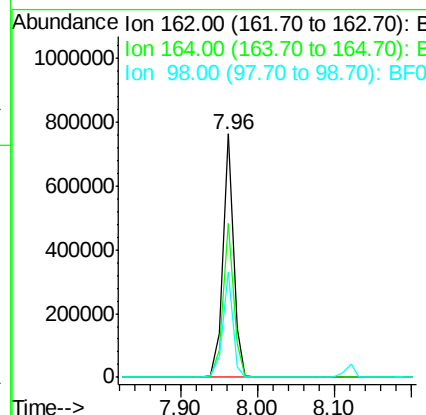
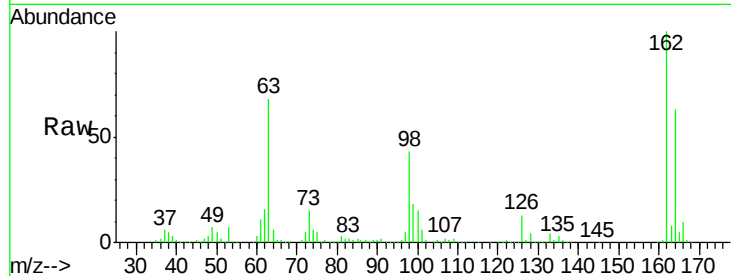




#29
 2,4-Dichlorophenol
 Concen: 46.06 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

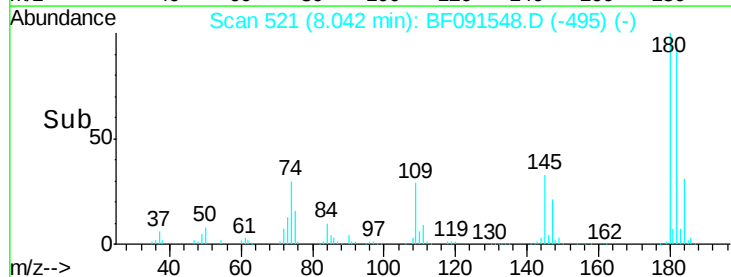
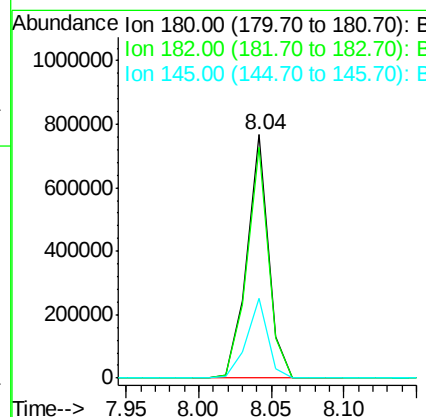
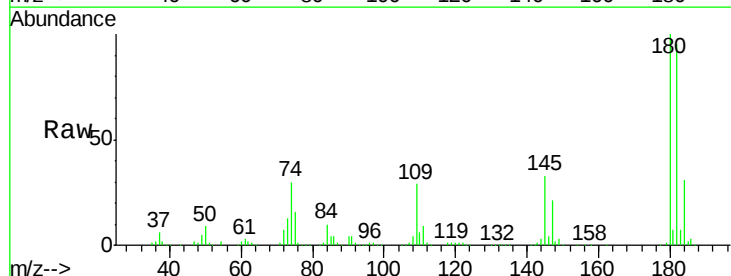
Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

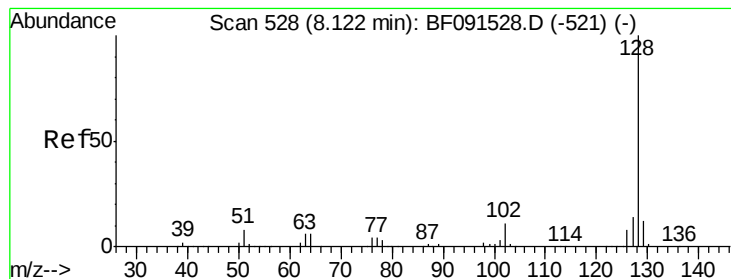
Tgt Ion:162 Resp: 735973
 Ion Ratio Lower Upper
 162 100
 164 63.3 45.0 85.0
 98 43.1 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.47 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:180 Resp: 789499
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.8 113.8
 145 32.9 27.0 40.4





#31

Naphthalene

Concen: 42.65 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

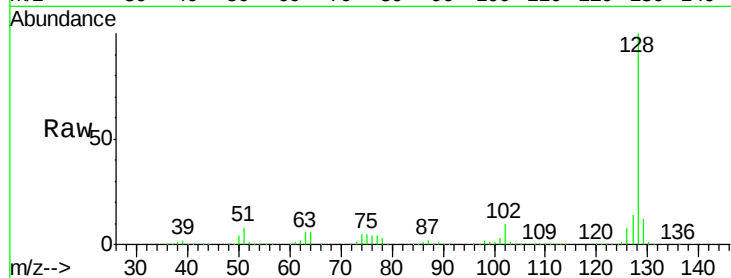
Tgt Ion:128 Resp: 2483553

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

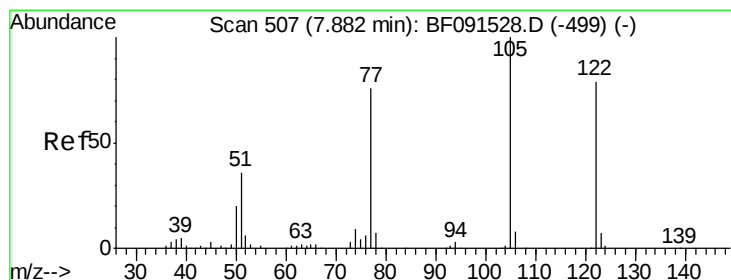
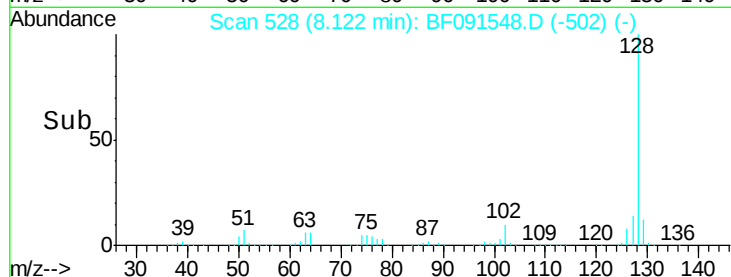
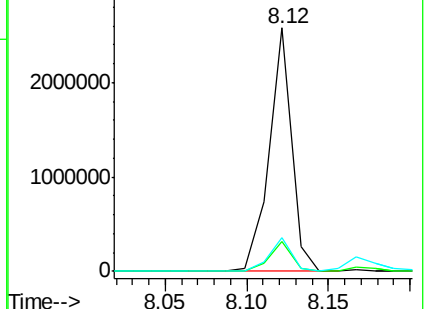
127 13.8 11.0 16.4



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: 42.43 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

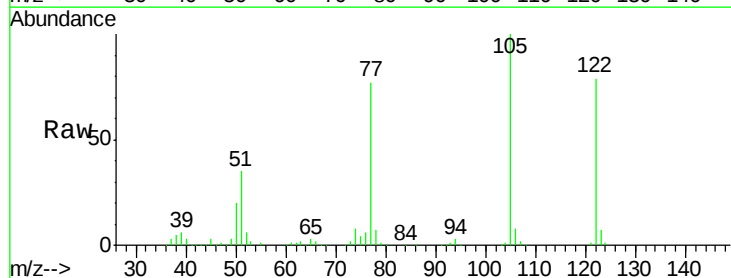
Tgt Ion:122 Resp: 550811

Ion Ratio Lower Upper

122 100

105 126.2 113.0 153.0

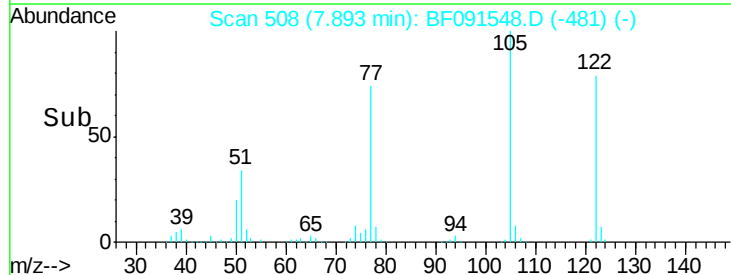
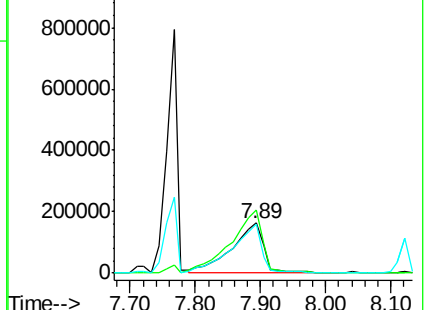
77 97.1 82.0 122.0

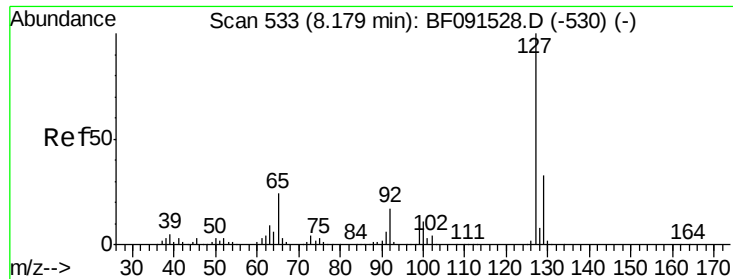


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

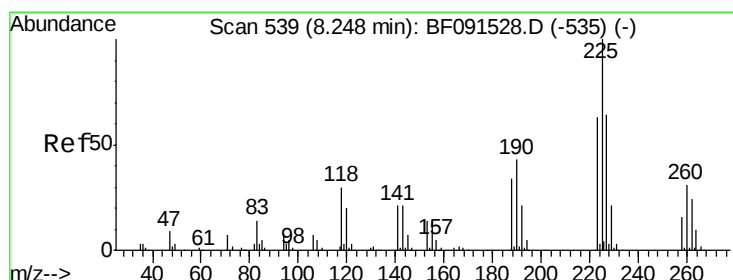
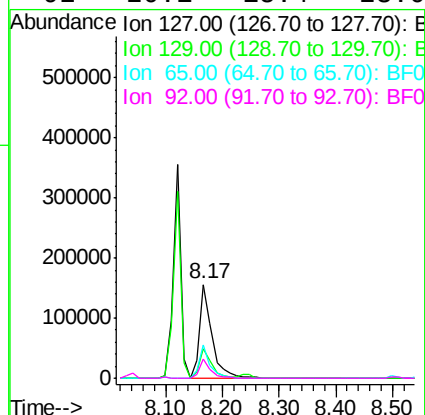
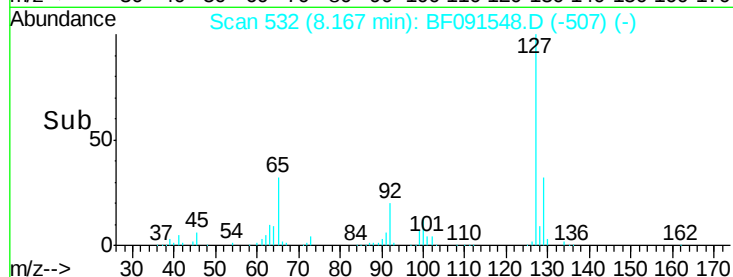
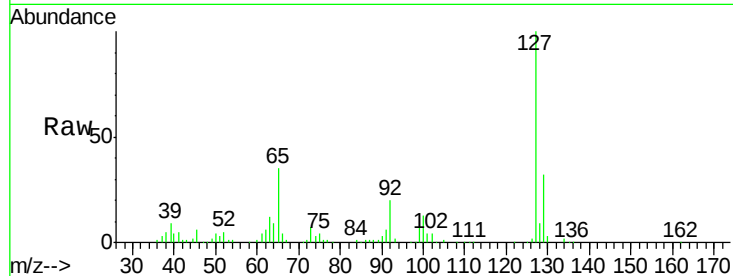




#33
4-Chloroaniline
Concen: 9.33 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

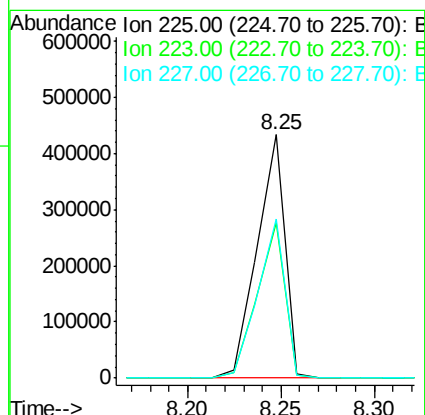
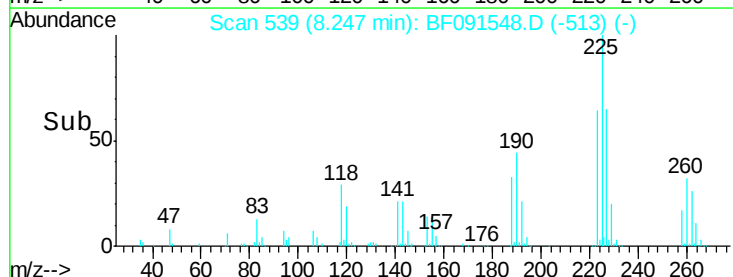
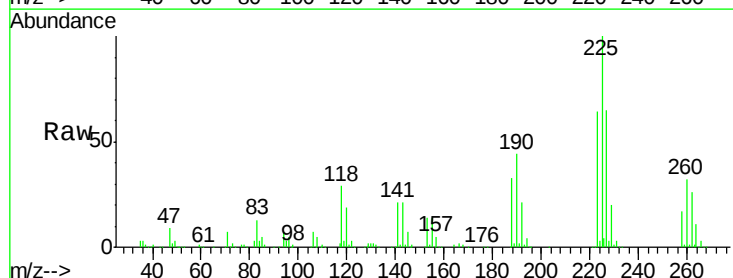
Instrument :
BNA_F
ClientSampleId :
PB95236BS

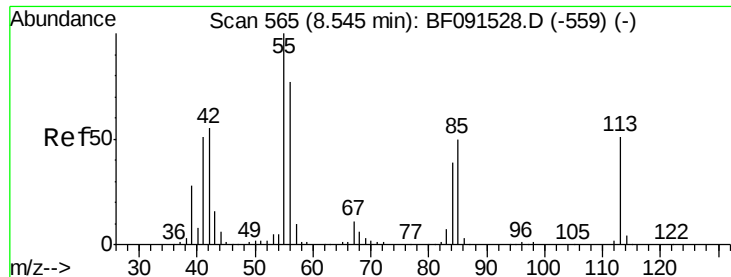
Tgt Ion:	127	Resp:	234000
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	35.2	26.6	39.8
92	20.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.69 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion:	225	Resp:	454880
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	65.2	52.6	79.0

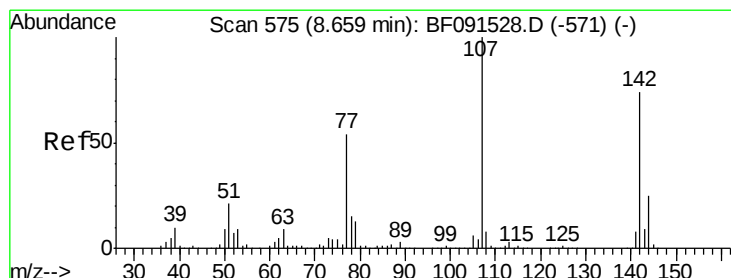
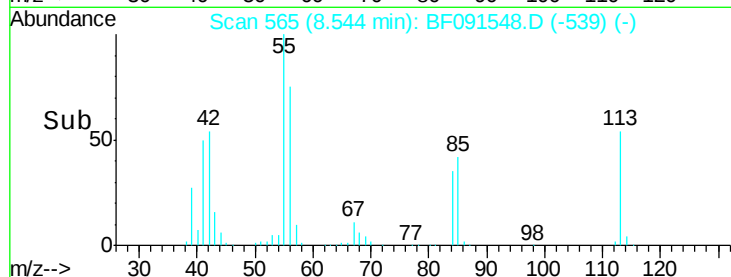
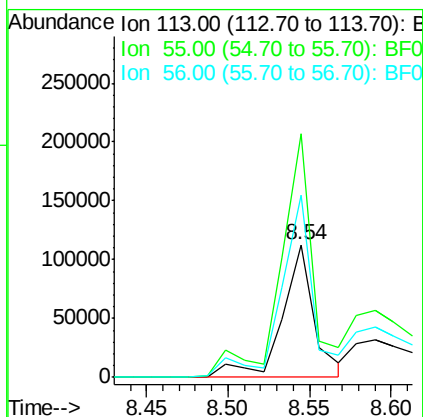
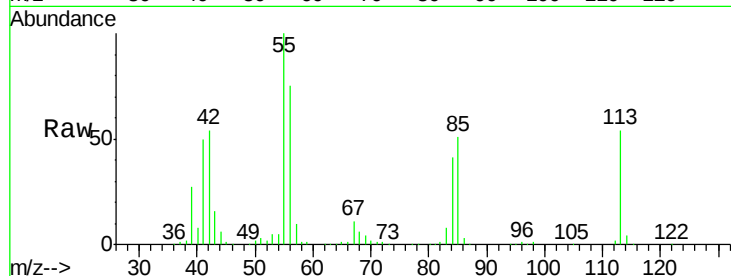




#35
 Caprolactam
 Concen: 32.94 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

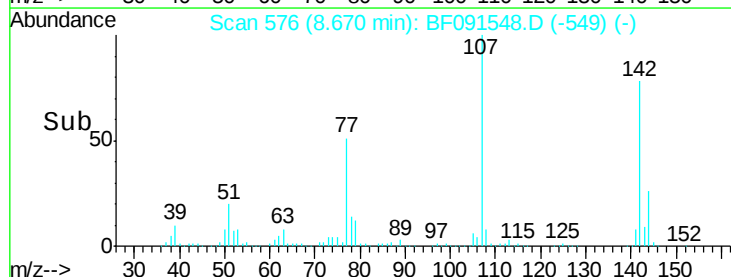
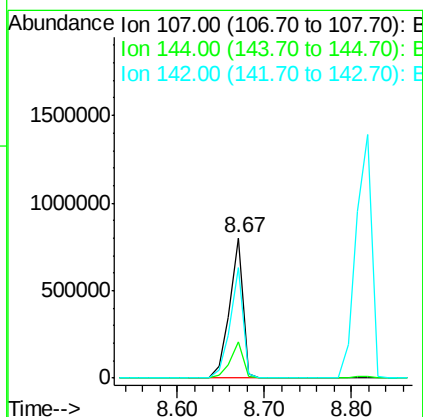
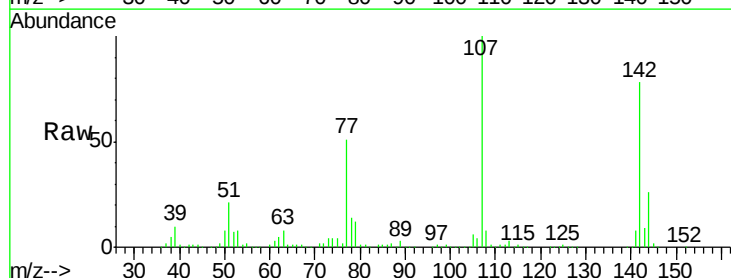
Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

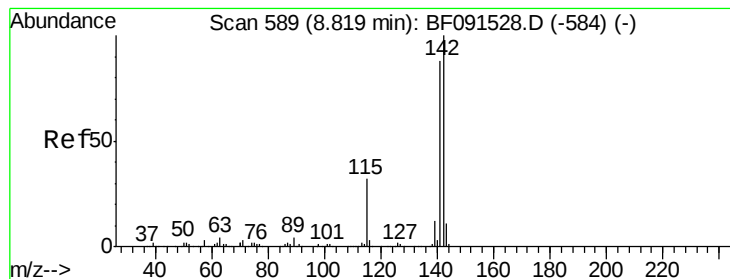
Tgt Ion:113 Resp: 153715
 Ion Ratio Lower Upper
 113 100
 55 183.8 239.8 279.8#
 56 137.1 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 47.68 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:107 Resp: 854416
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.9 28.3
 142 78.5 58.5 87.7

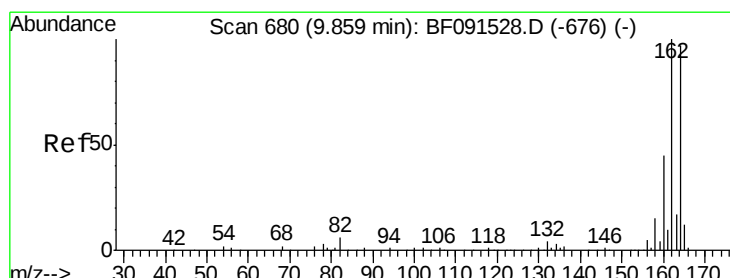
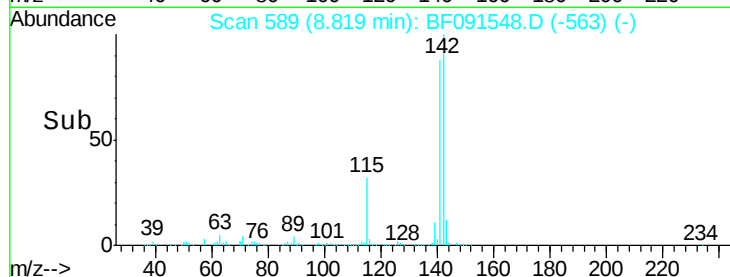
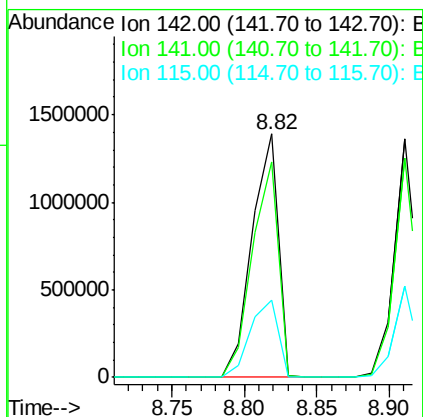
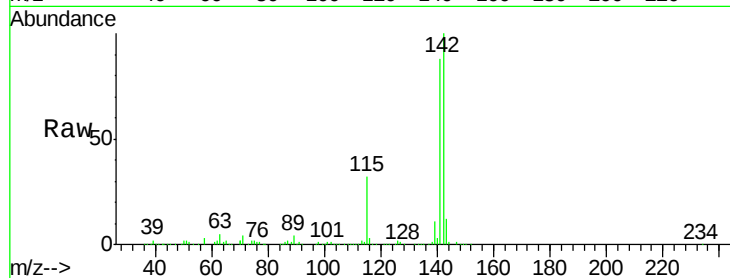




#37
 2-Methylnaphthalene
 Concen: 46.23 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

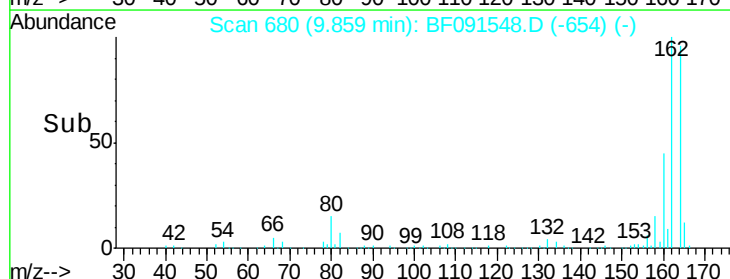
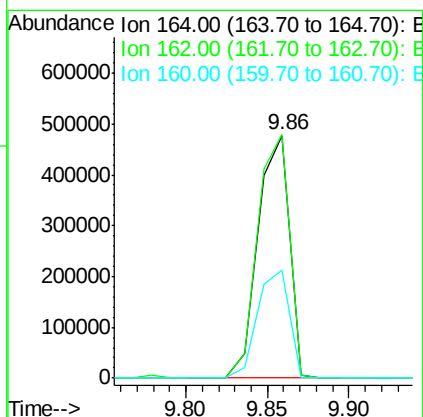
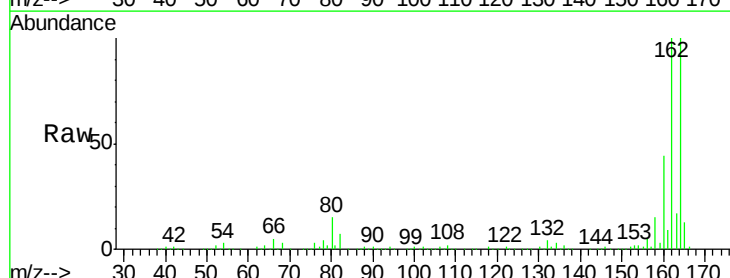
Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

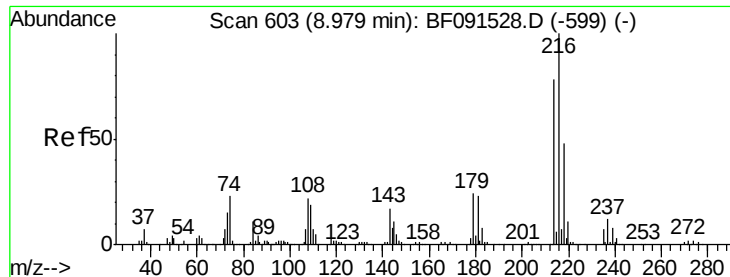
Tgt Ion:142 Resp: 1742392
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.7 107.5
 115 31.9 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:164 Resp: 639367
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.6 124.0
 160 44.6 36.7 55.1

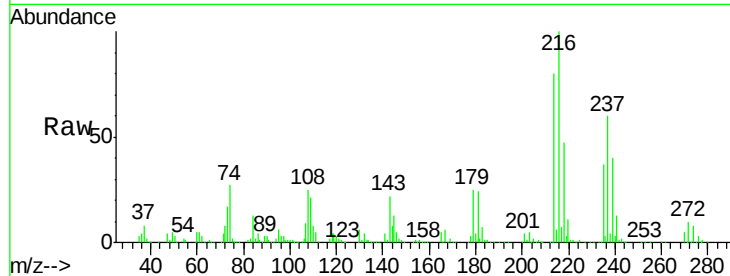




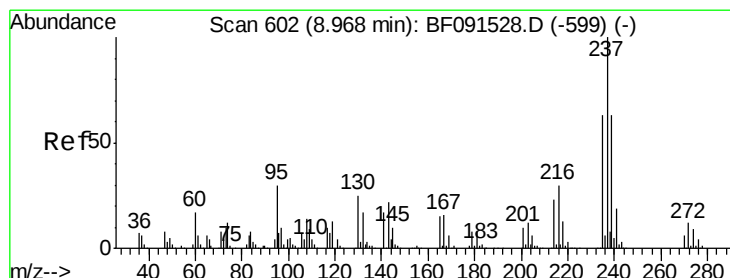
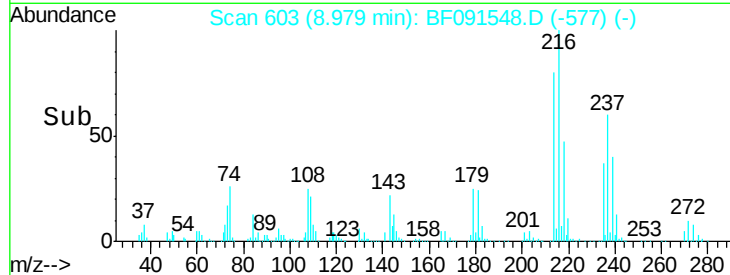
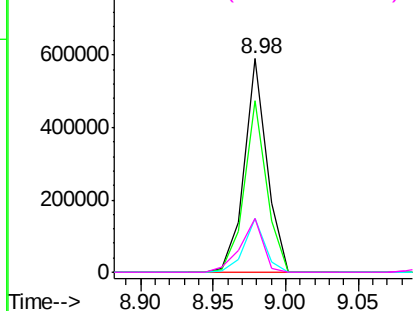
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.43 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tgt Ion:	216	Resp:	638921
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.8
179	23.2	18.2	27.2
108	25.5	17.2	25.8

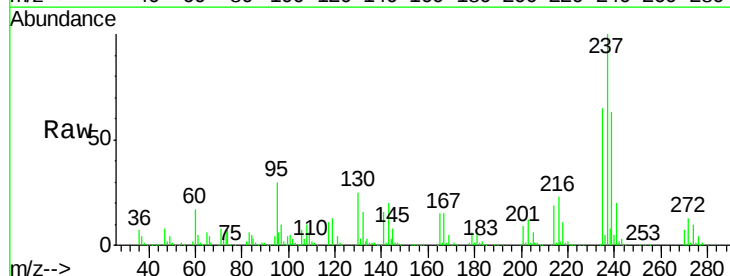


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

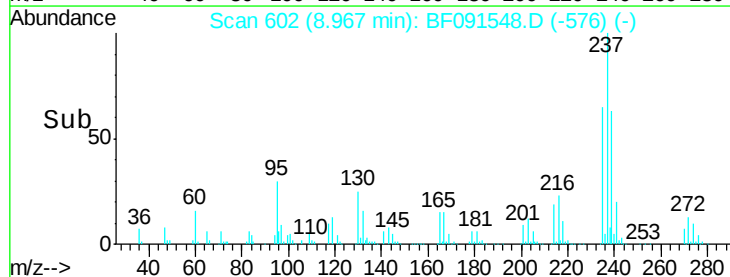
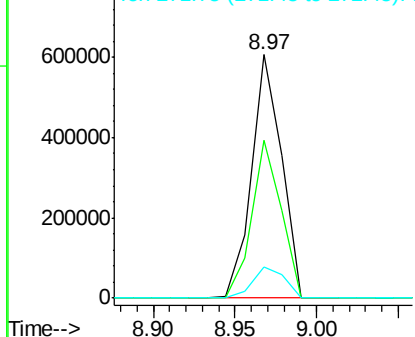


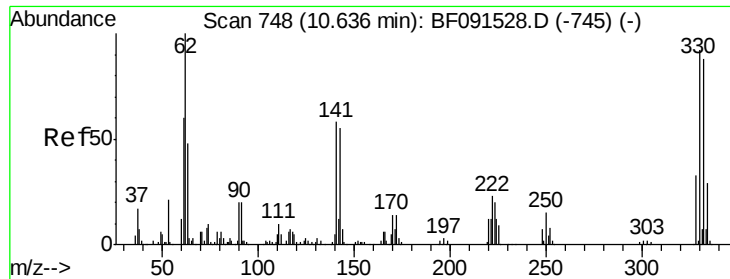
#40
 Hexachlorocyclopentadiene
 Concen: 98.43 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:	237	Resp:	769528
Ion	Ratio	Lower	Upper
237	100		
235	64.6	43.9	83.9
272	12.8	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

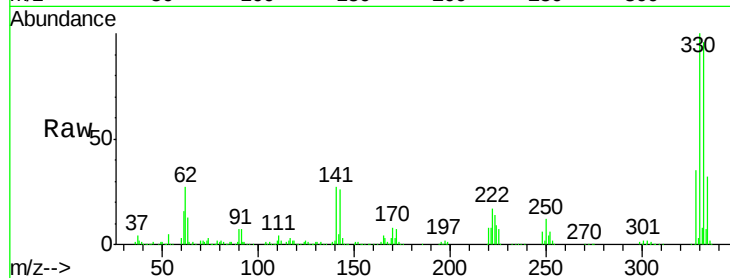




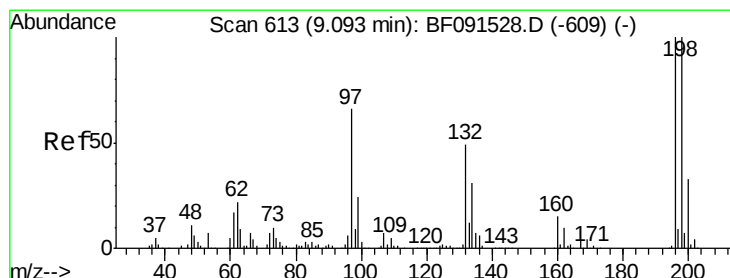
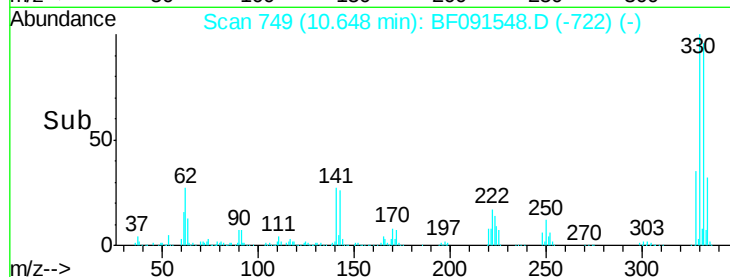
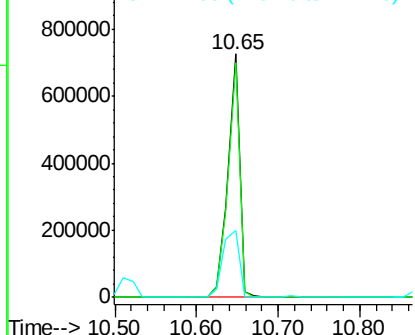
#41
 2,4,6-Tribromophenol
 Concen: 135.96 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tgt Ion:330 Resp: 722041
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 38.2 33.6 50.4

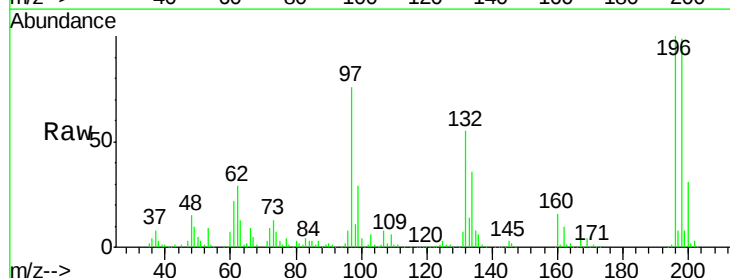


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

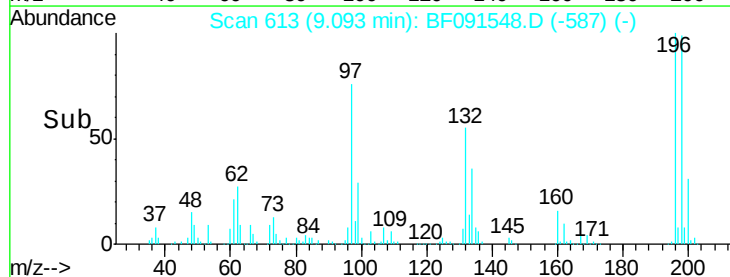
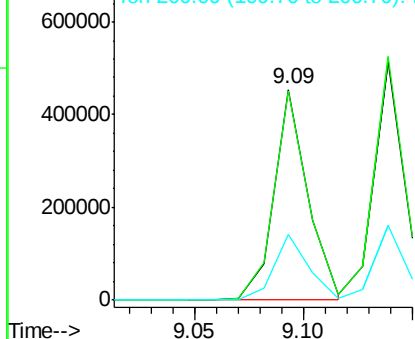


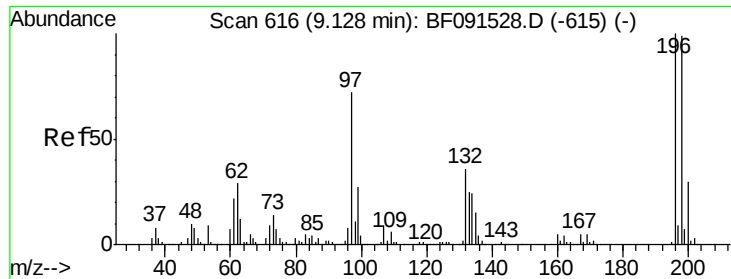
#42
 2,4,6-Trichlorophenol
 Concen: 43.82 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:196 Resp: 493740
 Ion Ratio Lower Upper
 196 100
 198 99.3 77.4 116.0
 200 31.1 25.2 37.8



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

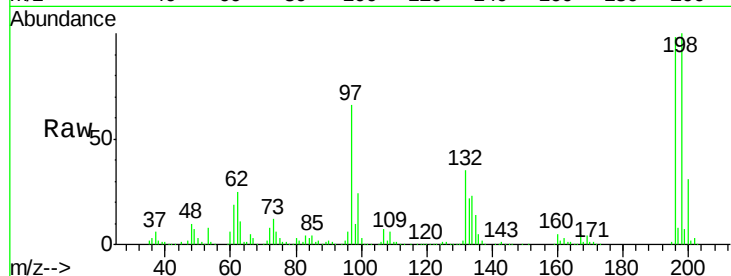




#43
 2,4,5-Trichlorophenol
 Concen: 43.11 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	77.0	115.6
97	67.1	33.5	50.3#
132	36.1	20.5	30.7#



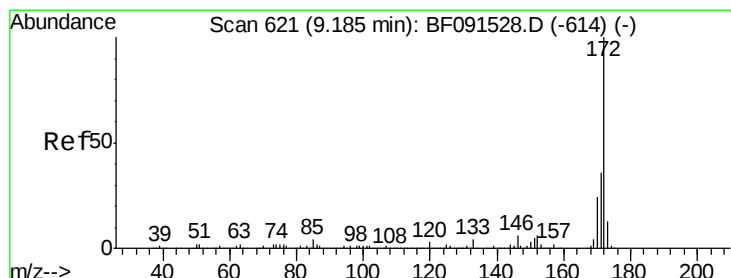
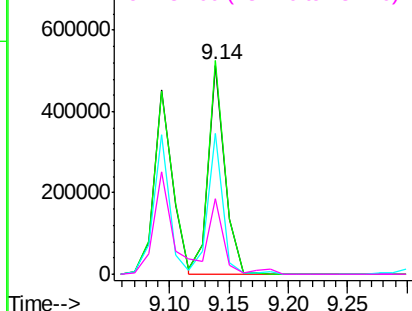
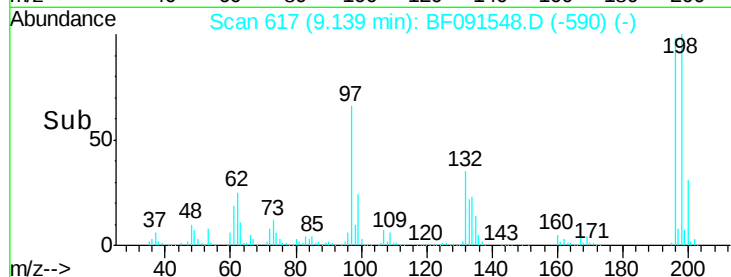
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

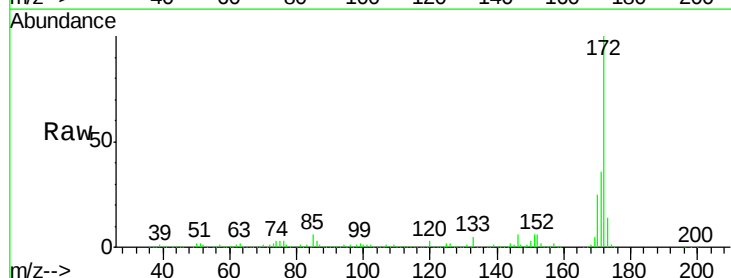
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.27 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	25.0	19.7	29.5

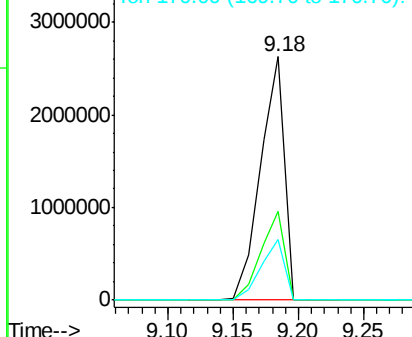
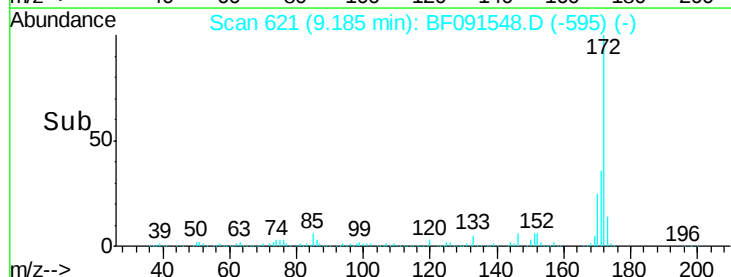


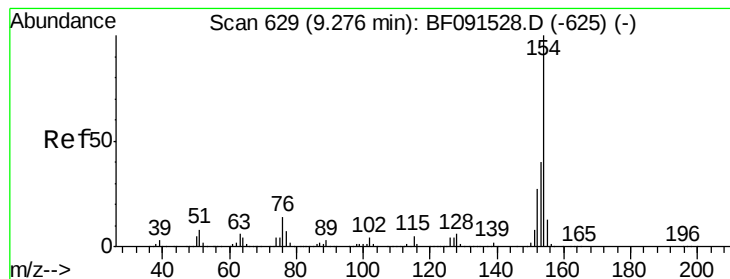
Abundance

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: 40.80 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

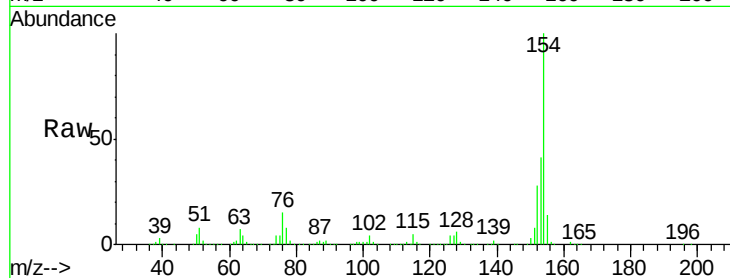
Tgt Ion:154 Resp: 1889235

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

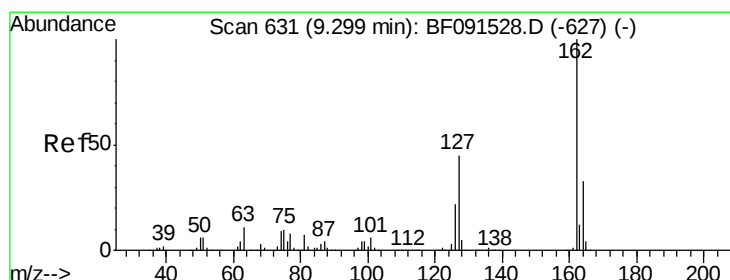
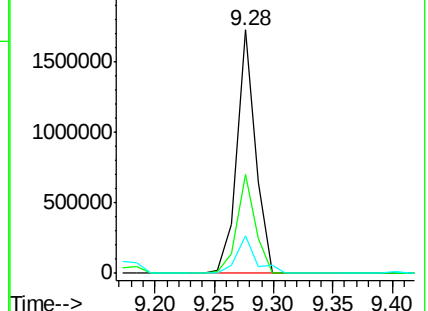
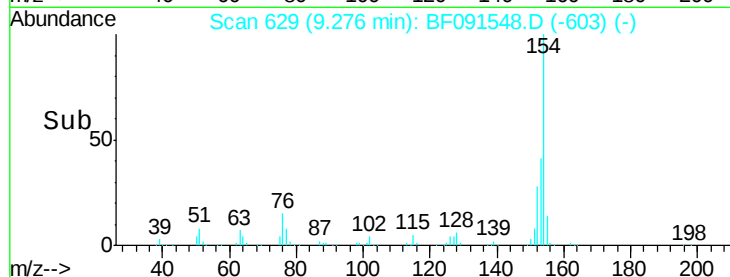
76 15.5 0.0 36.6



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: 41.35 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

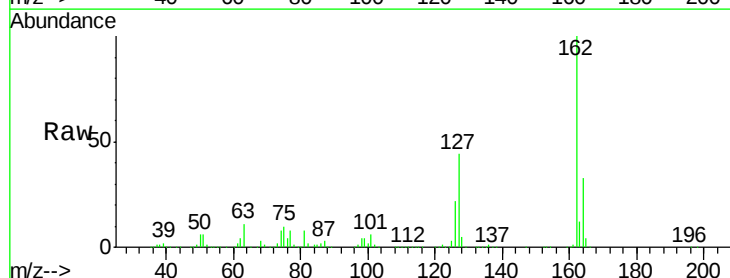
Tgt Ion:162 Resp: 1482960

Ion Ratio Lower Upper

162 100

127 44.4 34.3 51.5

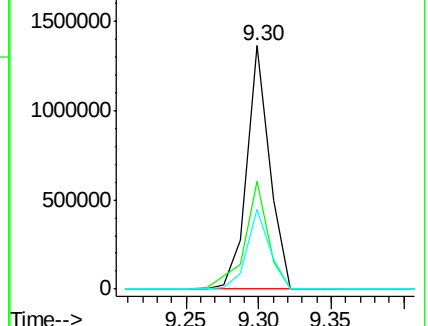
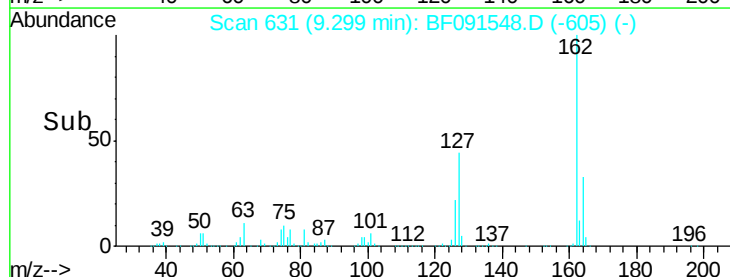
164 33.0 26.6 40.0

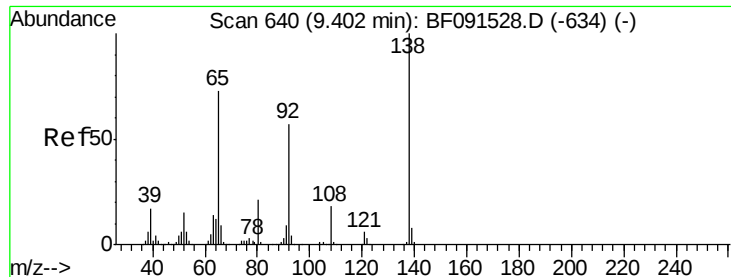


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.05 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

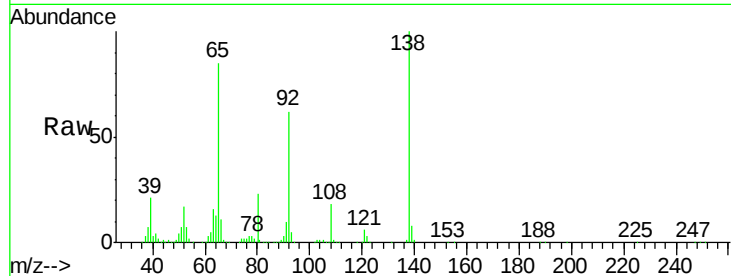
Tgt Ion: 65 Resp: 567378

Ion Ratio Lower Upper

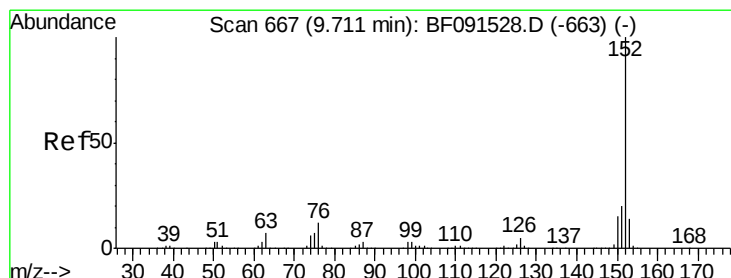
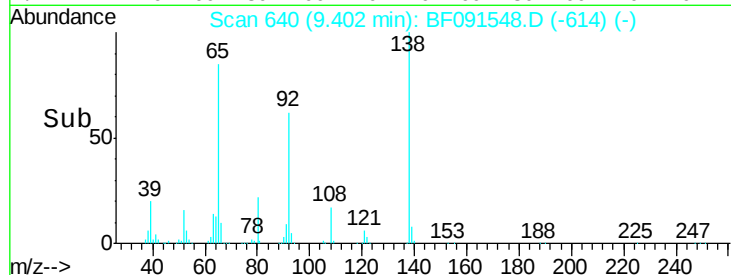
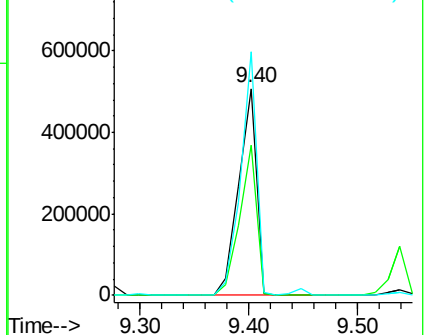
65 100

92 72.7 53.6 80.4

138 117.6 91.0 136.6



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



#48

Acenaphthylene

Concen: 45.06 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

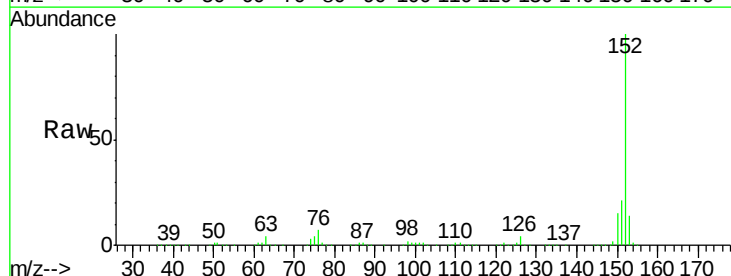
Tgt Ion: 152 Resp: 2463252

Ion Ratio Lower Upper

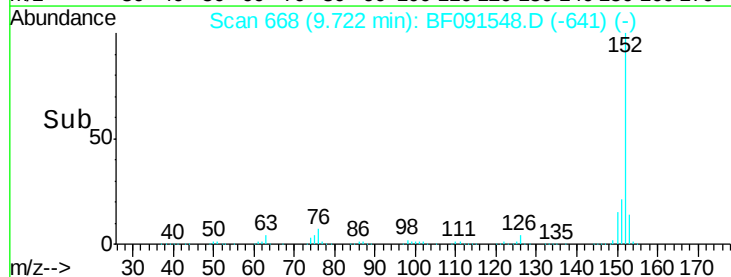
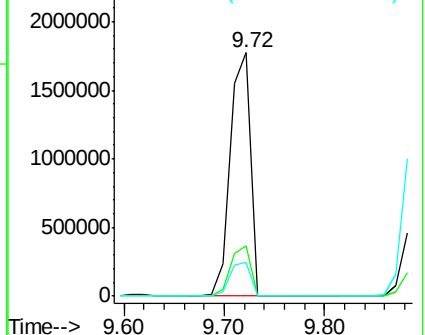
152 100

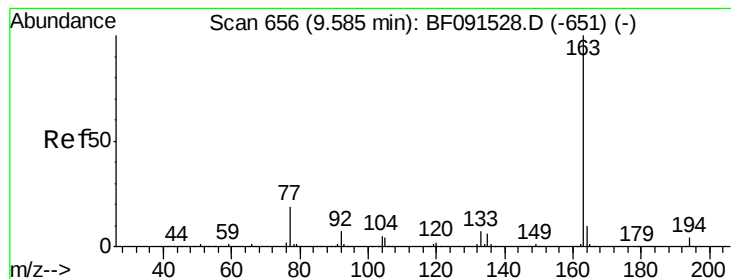
151 20.6 16.6 24.8

153 13.9 10.7 16.1



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





#49

Dimethylphthalate

Concen: 43.98 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

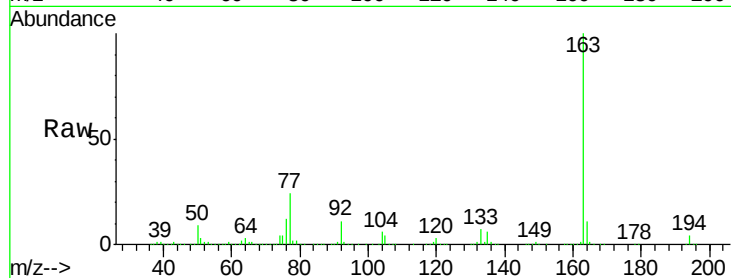
Tgt Ion:163 Resp: 1780619

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

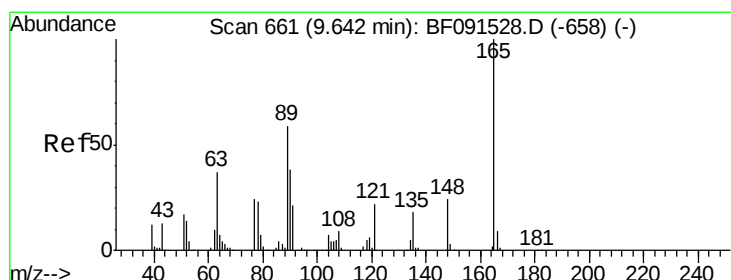
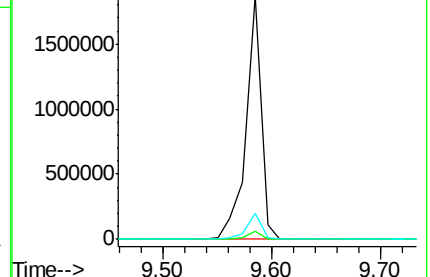
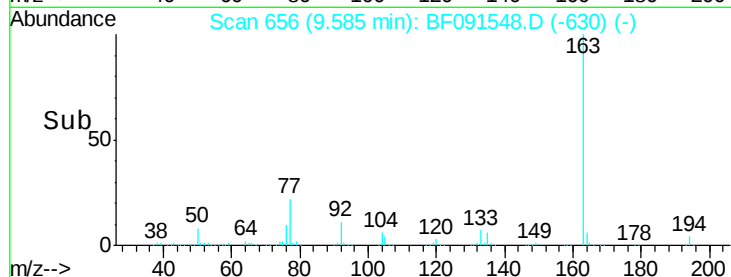
164 10.8 7.8 11.8



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



#50

2,6-Dinitrotoluene

Concen: 47.38 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

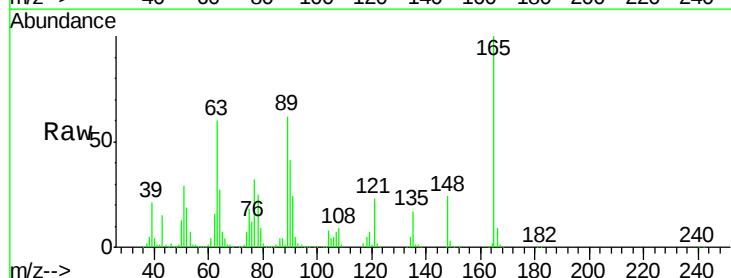
Tgt Ion:165 Resp: 420974

Ion Ratio Lower Upper

165 100

63 60.5 59.4 89.0

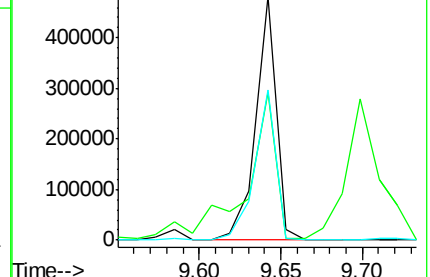
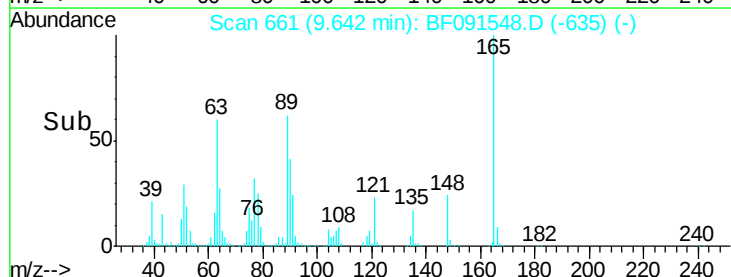
89 61.8 50.8 76.2

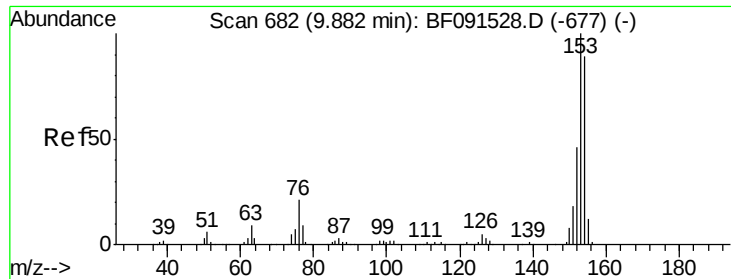


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.65 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

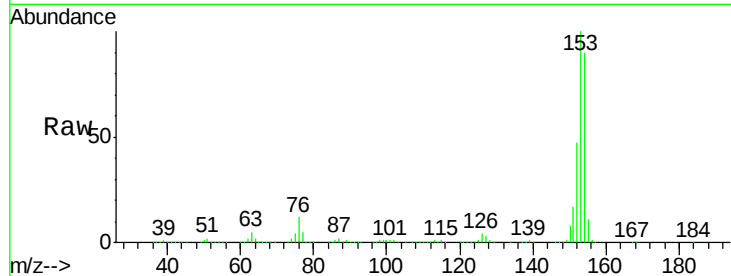
Tgt Ion:154 Resp: 1733231

Ion Ratio Lower Upper

154 100

153 111.4 91.0 136.6

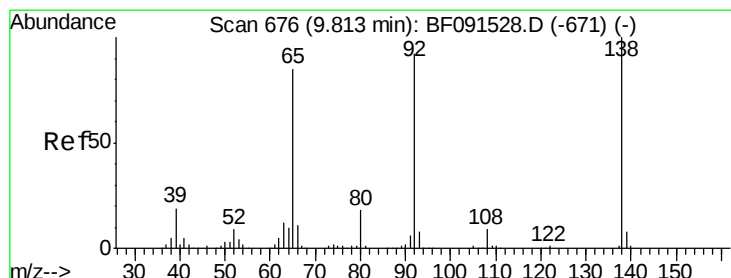
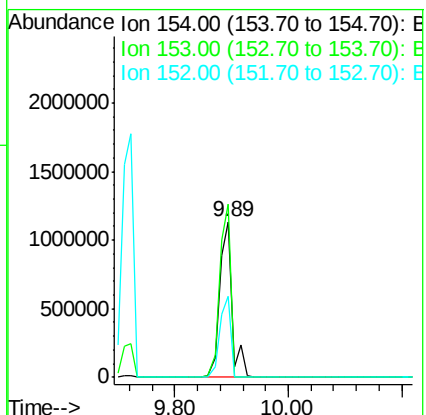
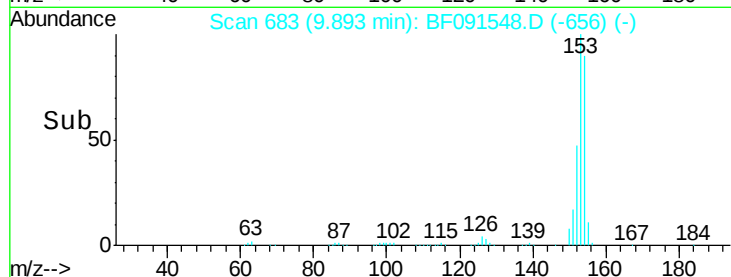
152 52.0 44.2 66.2



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: 17.24 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

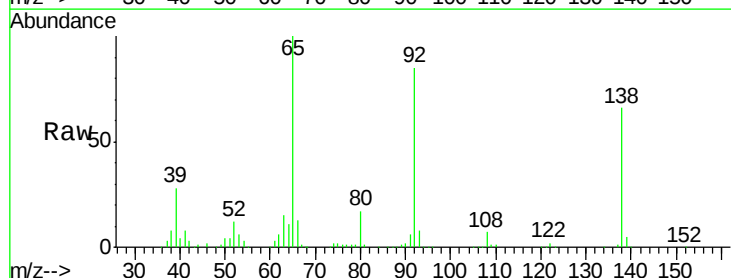
Tgt Ion:138 Resp: 179958

Ion Ratio Lower Upper

138 100

108 10.2 8.1 12.1

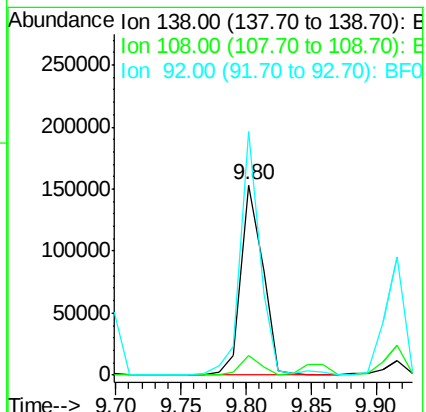
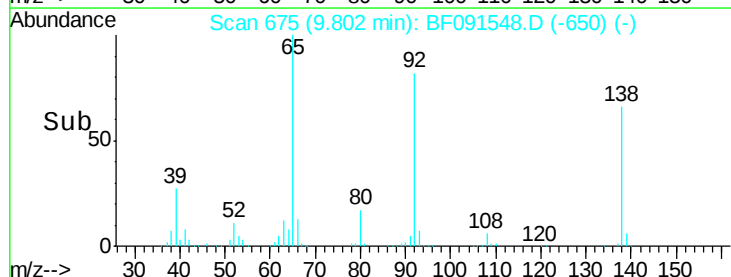
92 128.2 92.5 138.7

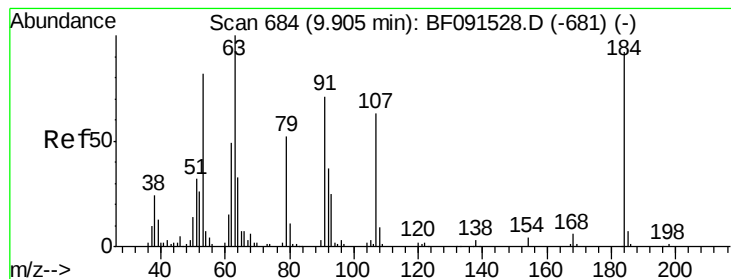


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 71.64 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

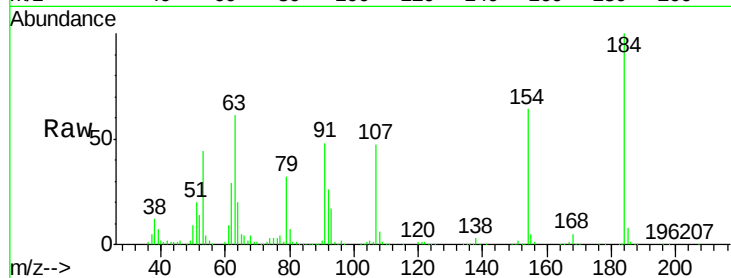
Tgt Ion:184 Resp: 357021

Ion Ratio Lower Upper

184 100

63 60.5 58.3 87.5

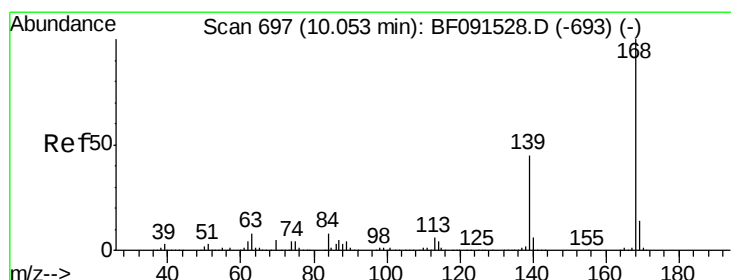
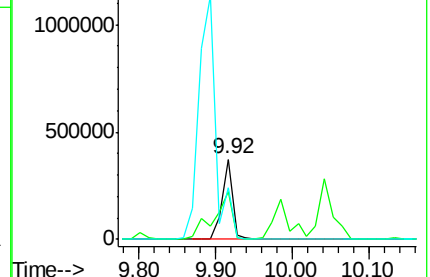
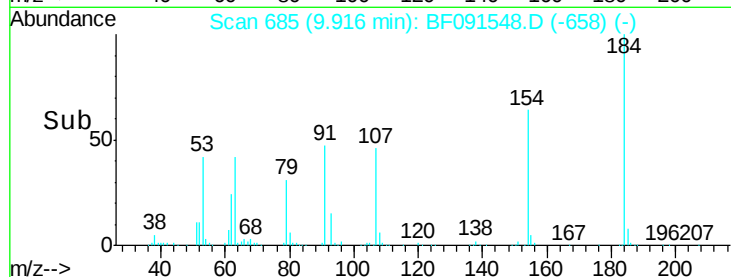
154 64.0 48.6 73.0



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: 46.45 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

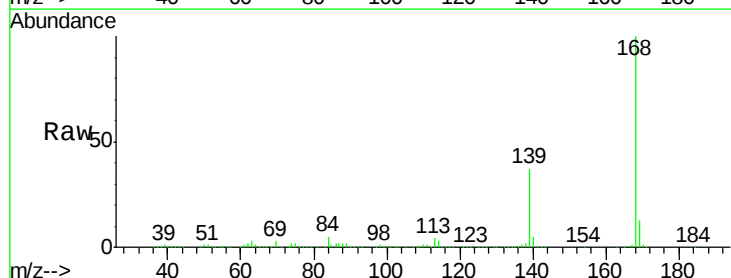
Tgt Ion:168 Resp: 2182022

Ion Ratio Lower Upper

168 100

139 36.7 33.4 50.2

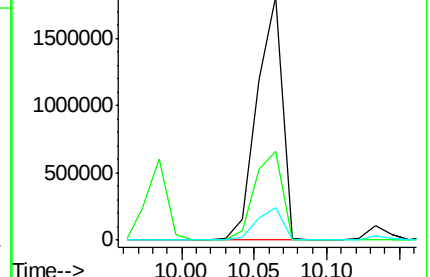
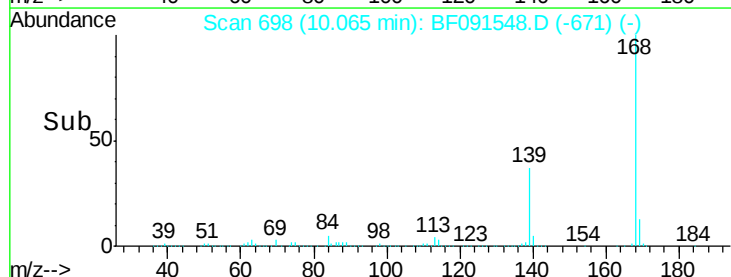
169 13.3 11.1 16.7

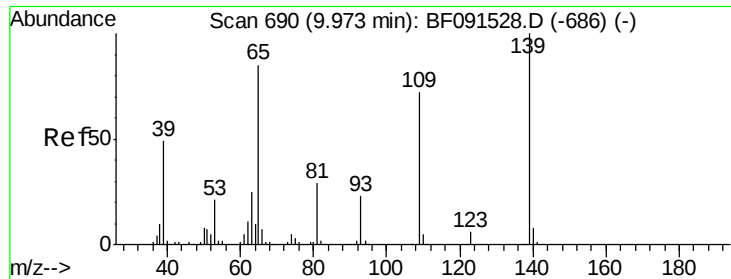


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

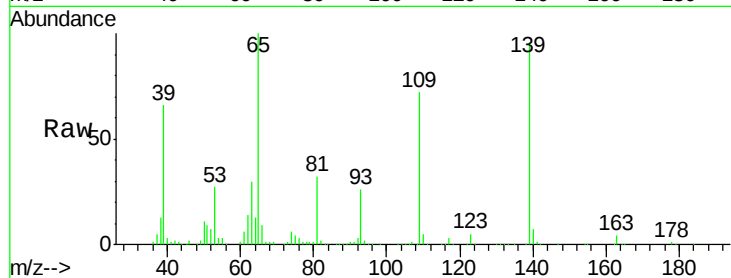




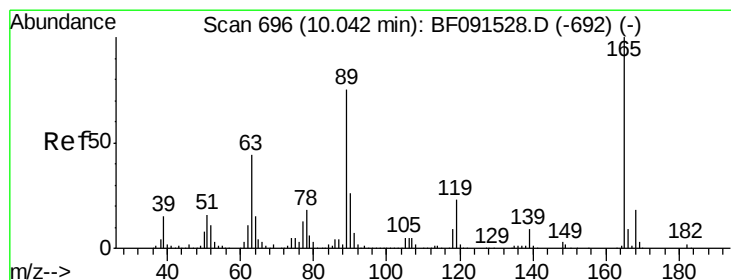
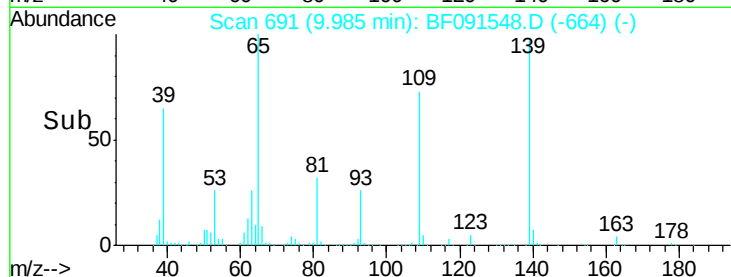
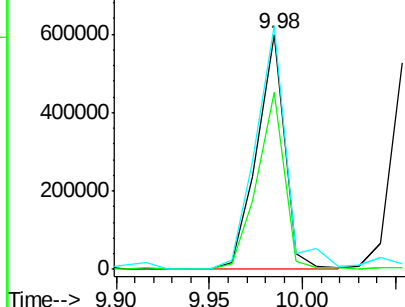
#55
4-Nitrophenol
Concen: 79.61 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tgt Ion:139 Resp: 618240
Ion Ratio Lower Upper
139 100
109 75.1 54.9 94.9
65 103.7 102.2 142.2

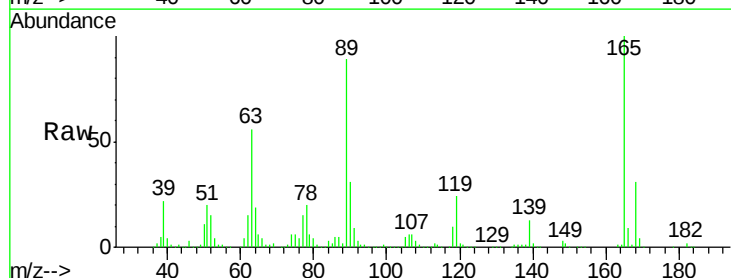


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

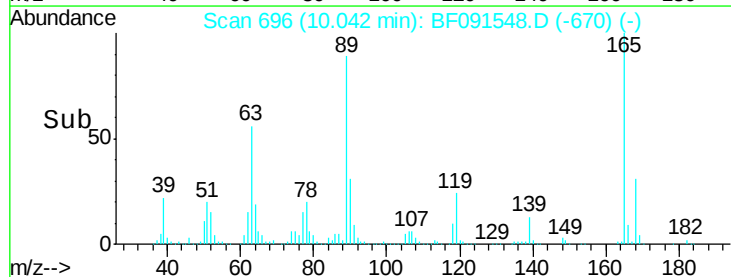
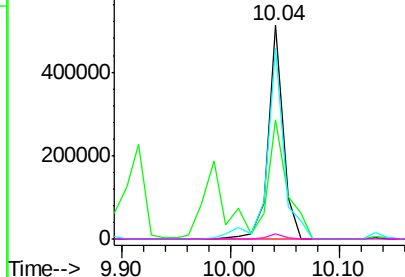


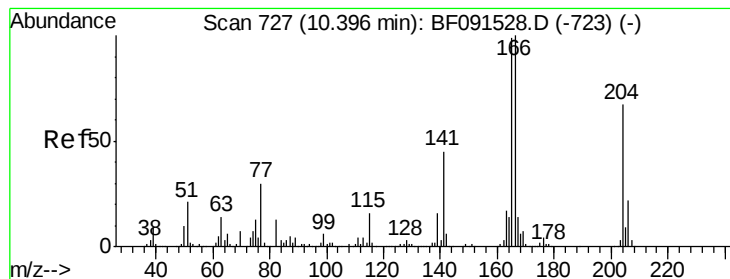
#56
2,4-Dinitrotoluene
Concen: 44.37 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion:165 Resp: 494210
Ion Ratio Lower Upper
165 100
63 55.7 29.0 43.4#
89 89.4 43.1 64.7#
182 2.4 1.9 2.9



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.12 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

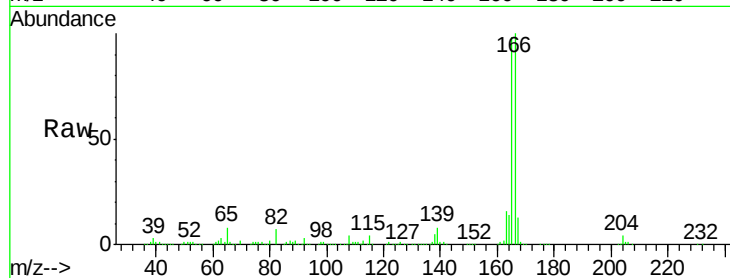
Tgt Ion:166 Resp: 1543998

Ion Ratio Lower Upper

166 100

165 98.0 80.0 120.0

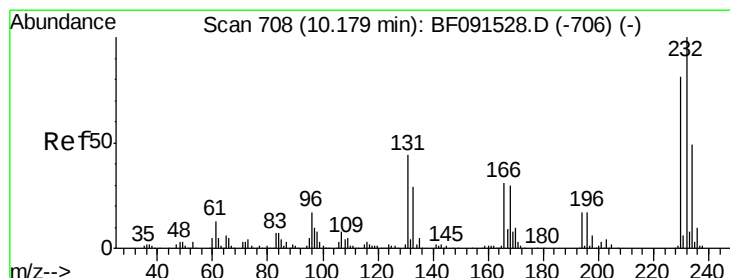
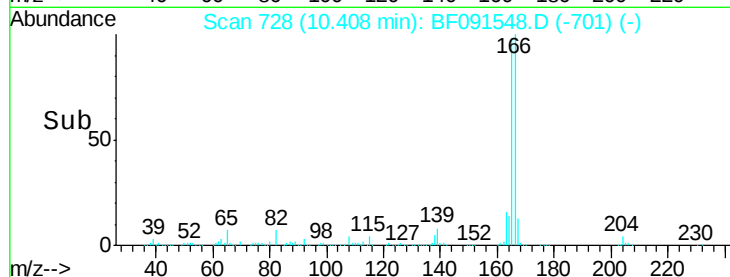
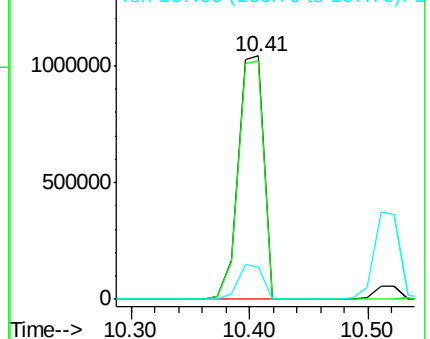
167 13.1 10.8 16.2



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: 46.00 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:232 Resp: 417005

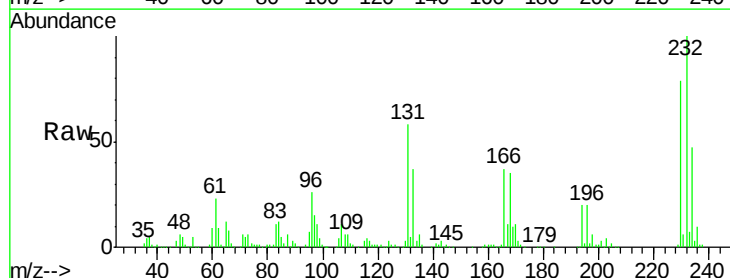
Ion Ratio Lower Upper

232 100

131 54.3 38.4 57.6

130 2.6 1.8 2.8

166 34.9 23.9 35.9

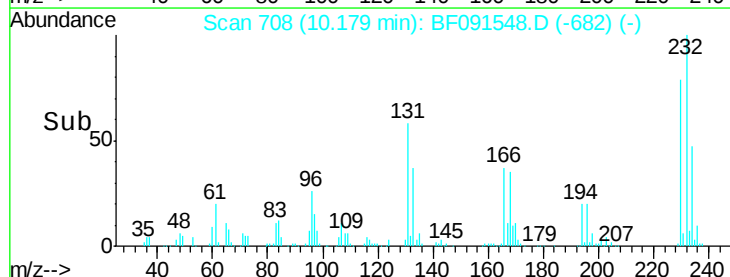
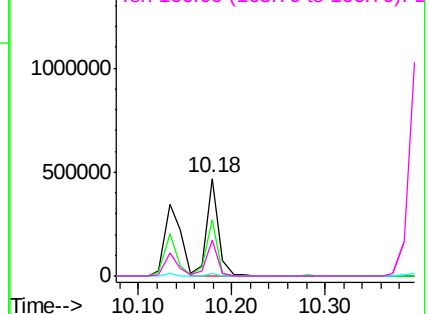


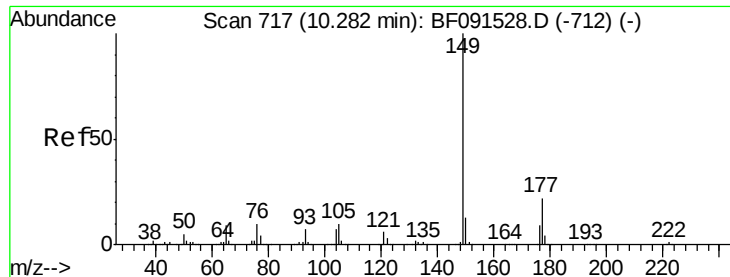
Abundance Ion 232.00 (231.70 to 232.70): E

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

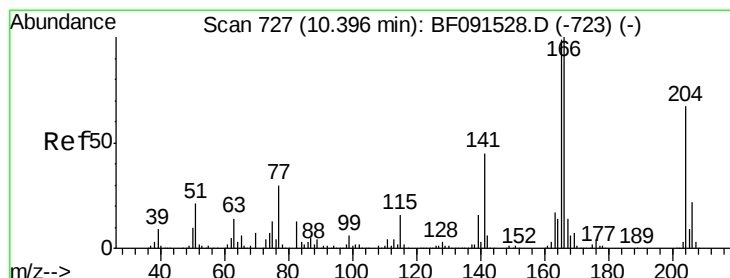
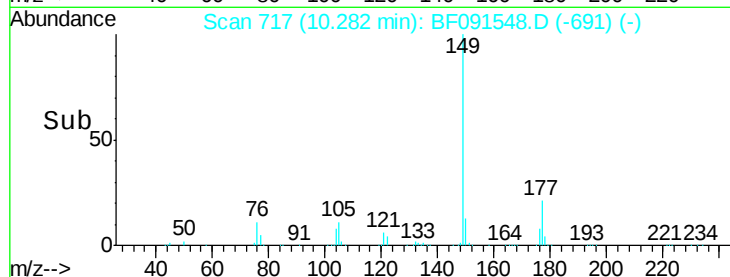
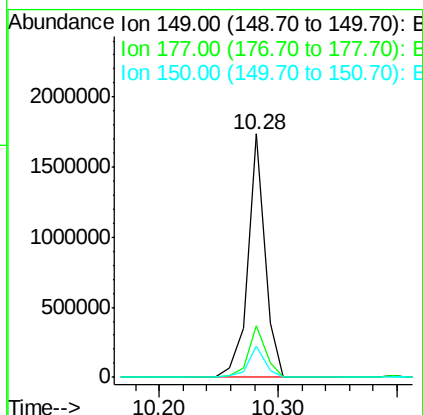
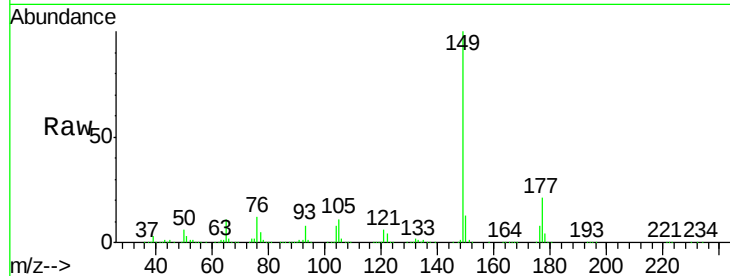




#59
Diethylphthalate
Concen: 44.77 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

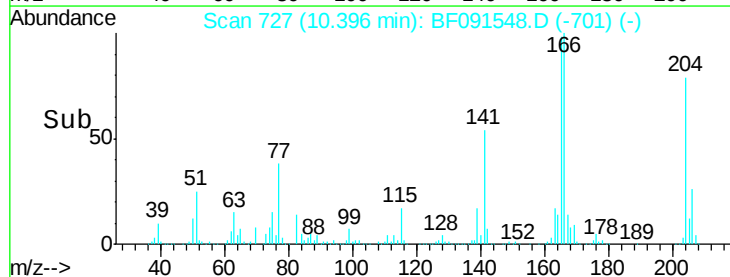
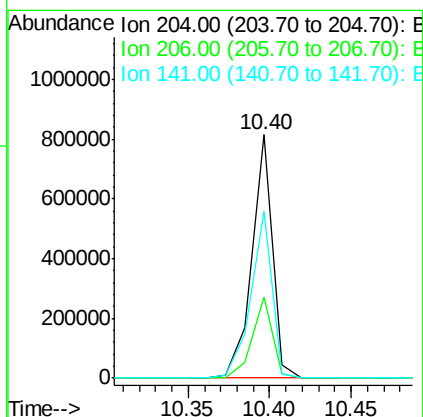
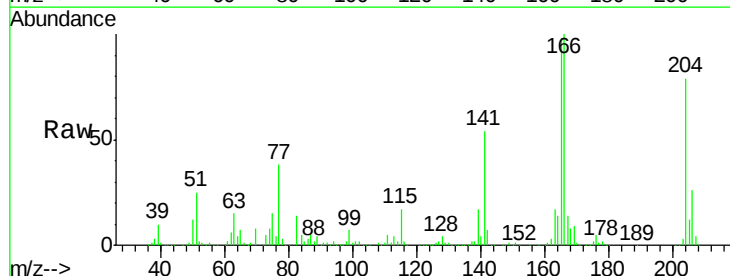
Instrument :
BNA_F
ClientSampleId :
PB95236BS

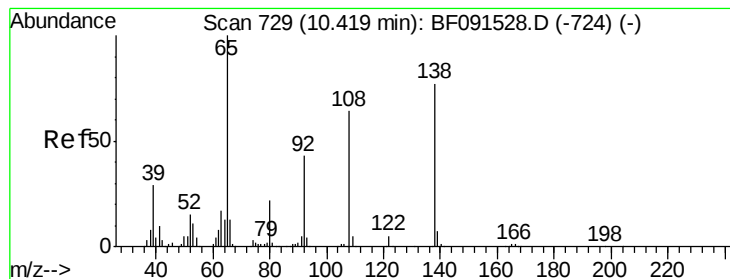
Tgt Ion:149 Resp: 1745310
Ion Ratio Lower Upper
149 100
177 21.4 15.7 23.5
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.08 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion:204 Resp: 710733
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 68.7 40.6 61.0#





#61

4-Nitroaniline

Concen: 43.58 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

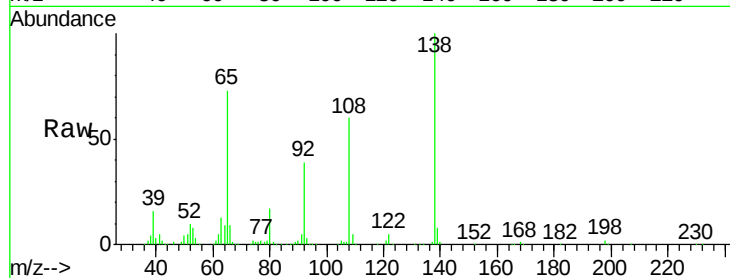
Tgt Ion:138 Resp: 452078

Ion Ratio Lower Upper

138 100

92 38.9 26.9 66.9

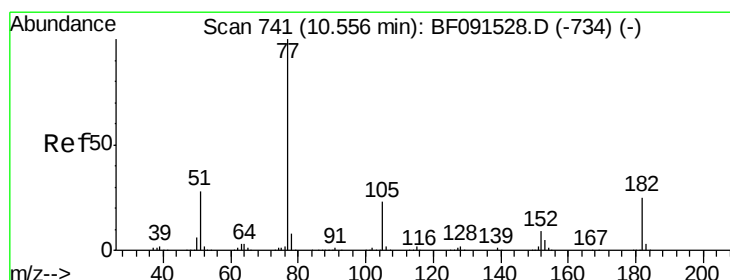
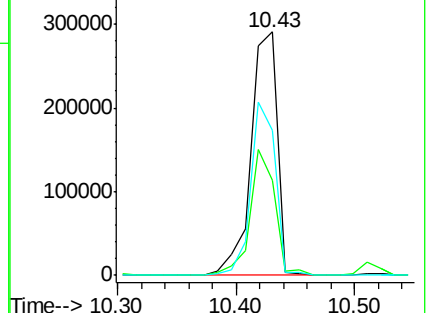
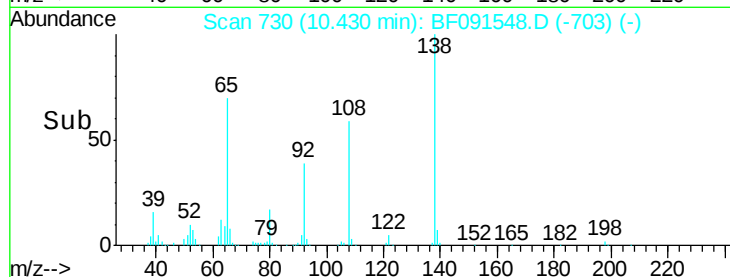
108 59.5 49.1 89.1



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: 49.03 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion: 77 Resp: 2166000

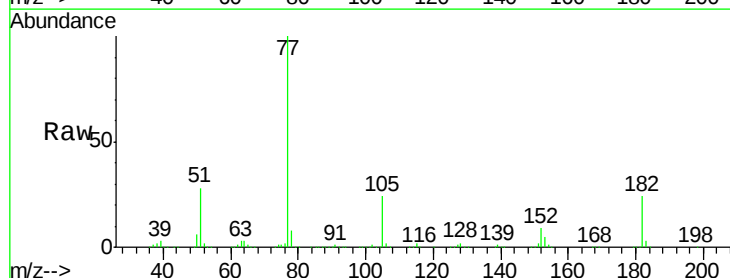
Ion Ratio Lower Upper

77 100

182 23.8 12.5 52.5

105 24.5 3.7 43.7

51 28.1 11.9 51.9

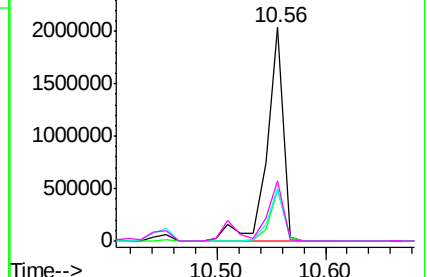
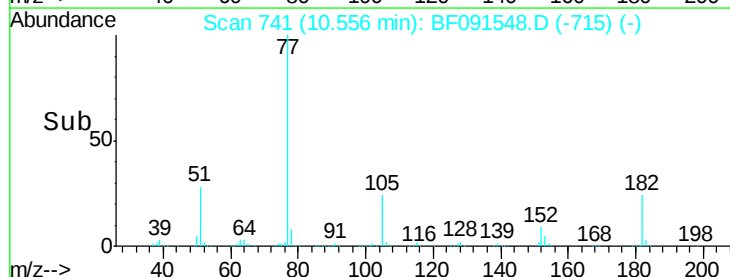


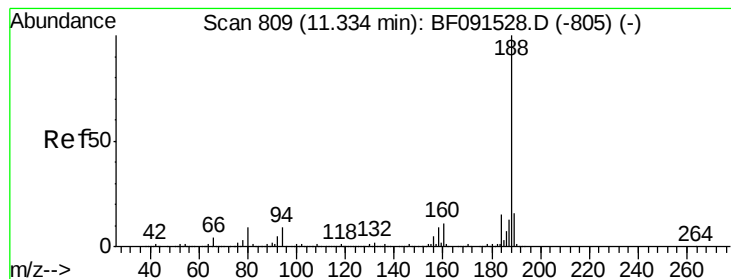
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

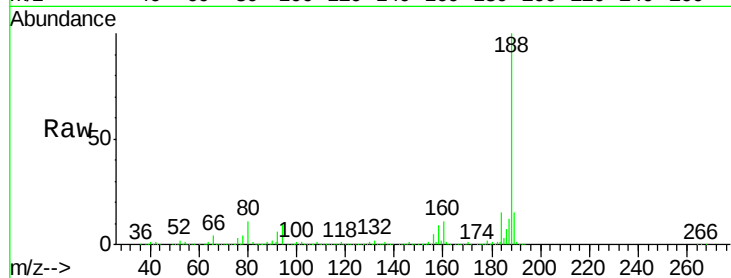
Tgt Ion:188 Resp: 1030335

Ion Ratio Lower Upper

188 100

94 10.4 9.2 13.8

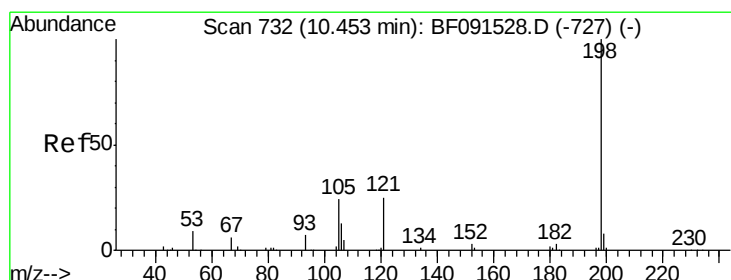
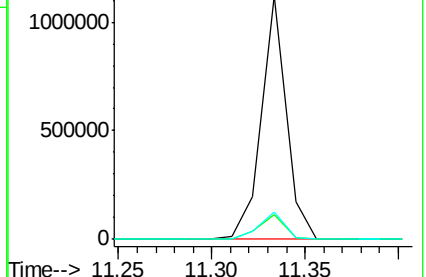
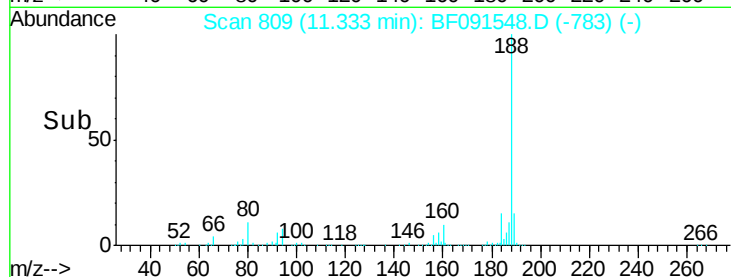
80 11.2 10.5 15.7



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: 45.38 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

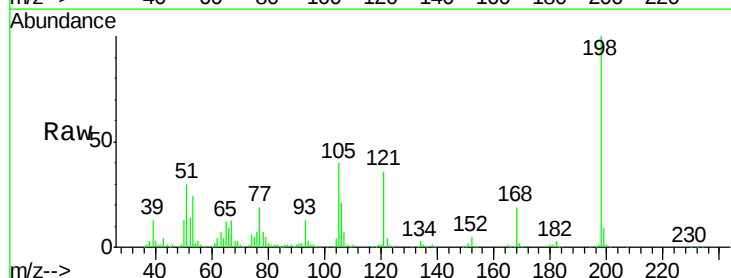
Tgt Ion:198 Resp: 282905

Ion Ratio Lower Upper

198 100

51 30.3 77.1 117.1#

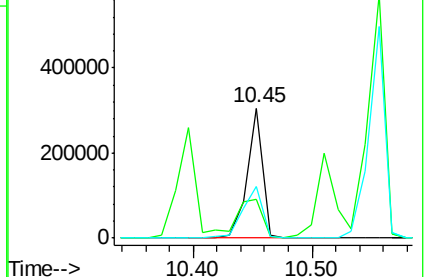
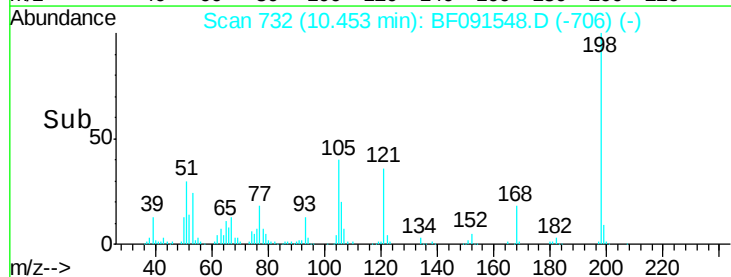
105 39.6 44.8 84.8#

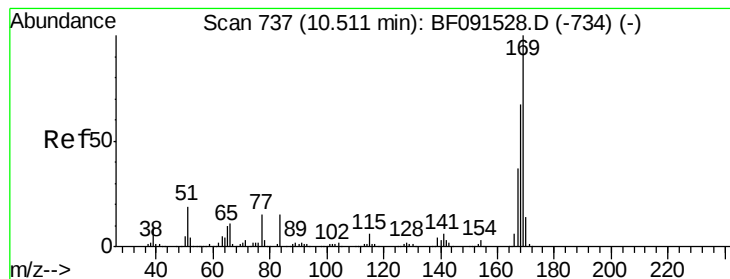


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.41 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

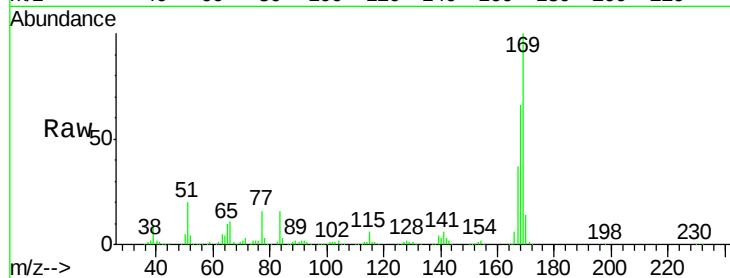
Tgt Ion:169 Resp: 1487050

Ion Ratio Lower Upper

169 100

168 65.9 53.8 80.8

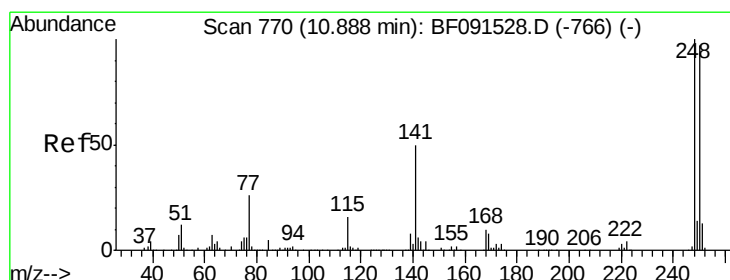
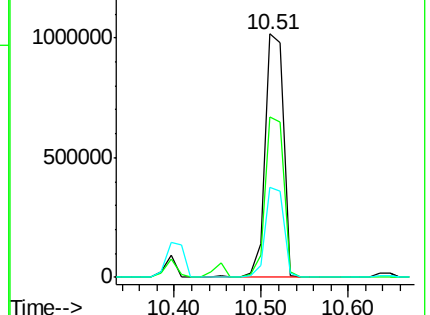
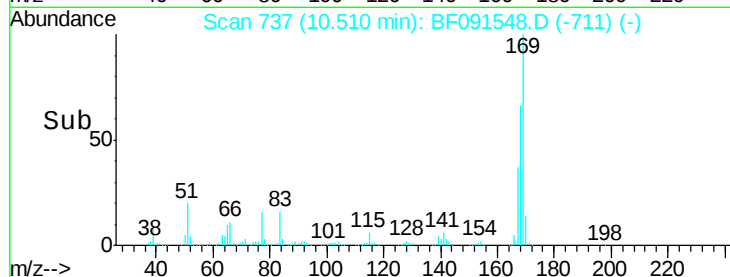
167 36.8 29.8 44.8



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: 47.63 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

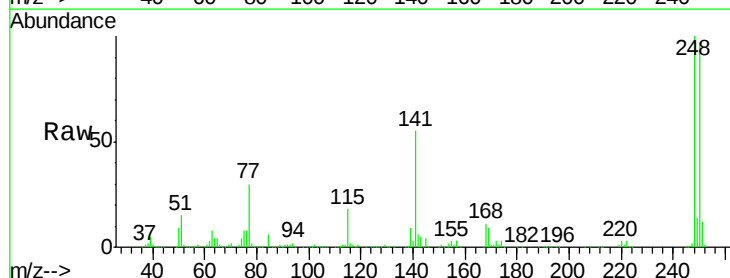
Tgt Ion:248 Resp: 503160

Ion Ratio Lower Upper

248 100

250 97.3 78.2 117.4

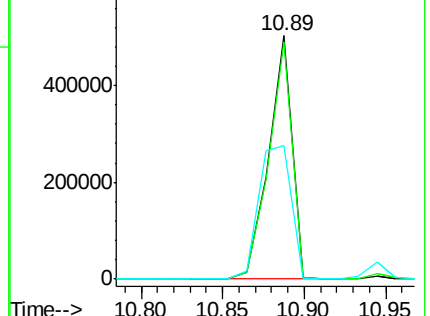
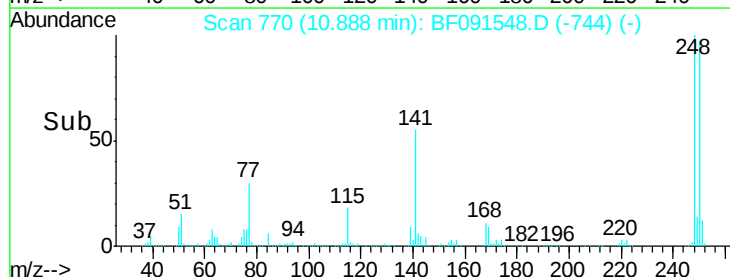
141 54.9 71.9 107.9#

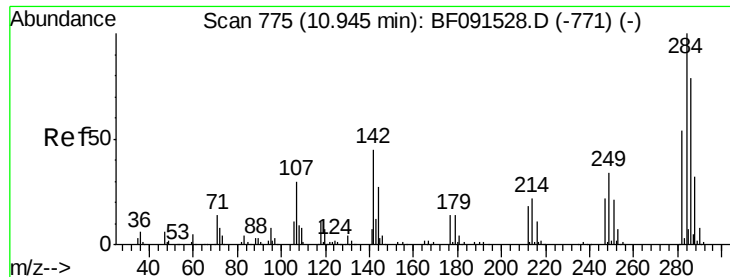


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

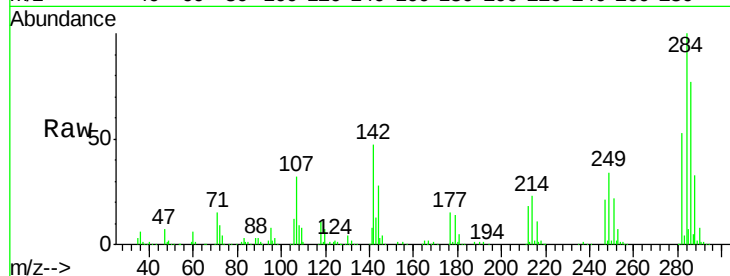




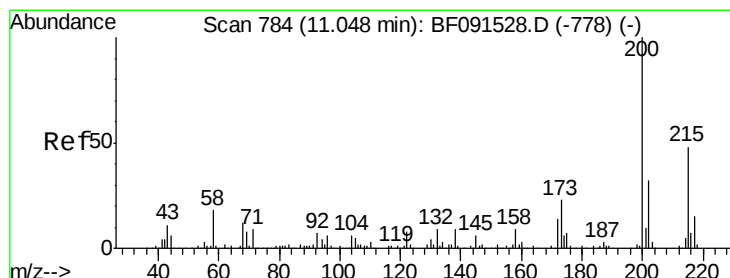
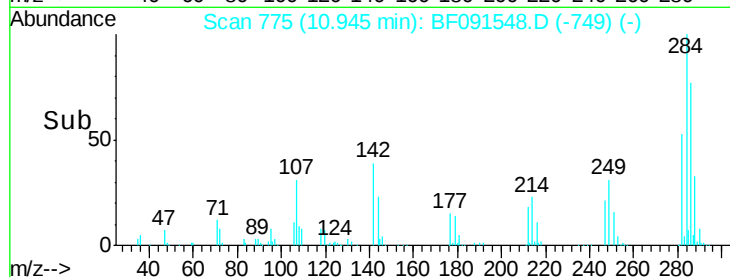
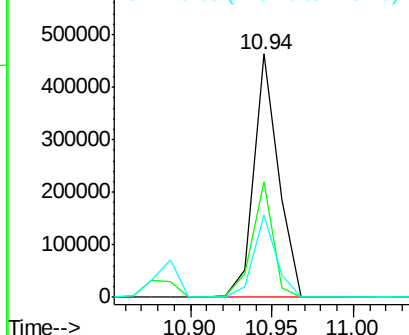
#67
Hexachlorobenzene
Concen: 44.00 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tgt Ion:284 Resp: 483287
Ion Ratio Lower Upper
284 100
142 47.3 17.9 26.9#
249 33.8 23.6 35.4

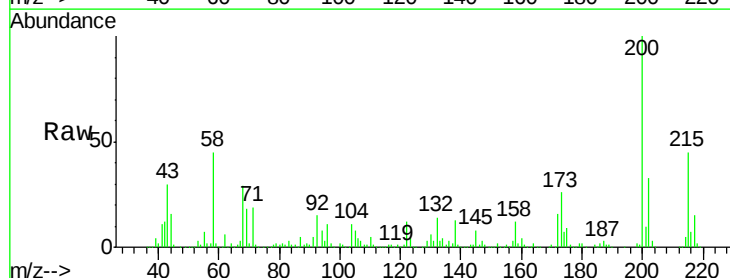


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

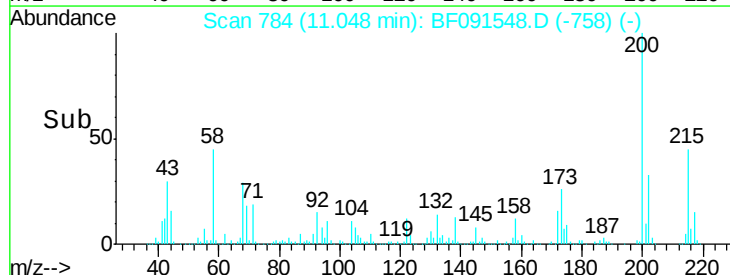
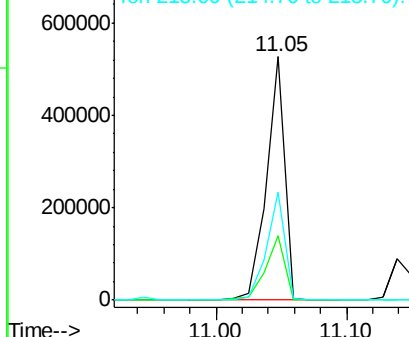


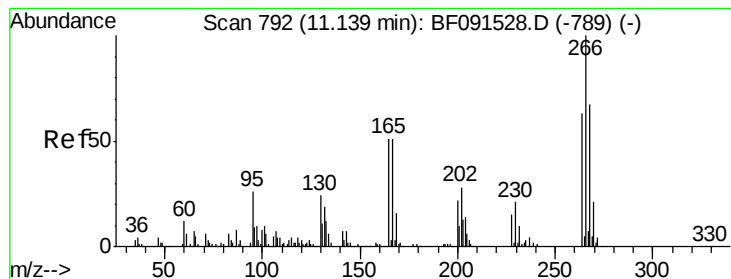
#68
Atrazine
Concen: 52.12 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion:200 Resp: 514813
Ion Ratio Lower Upper
200 100
173 26.3 7.8 47.8
215 44.6 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 89.34 ng

RT: 11.15 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

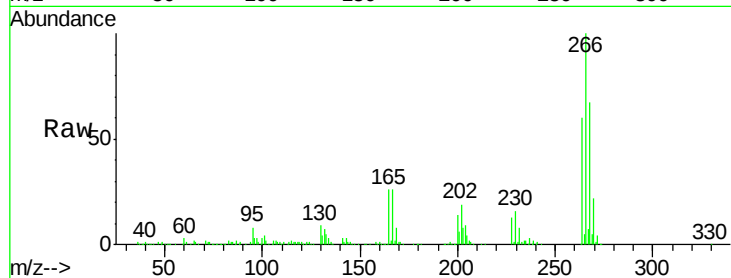
Tgt Ion:266 Resp: 552292

Ion Ratio Lower Upper

266 100

268 67.1 50.3 75.5

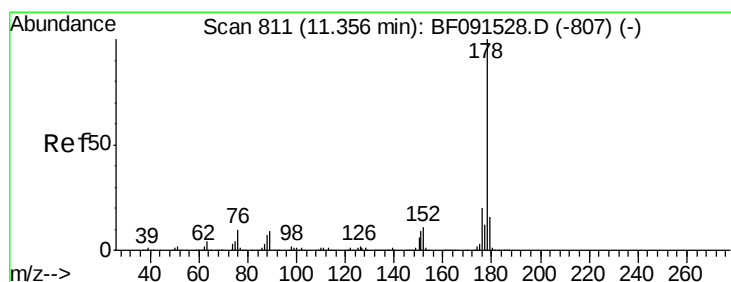
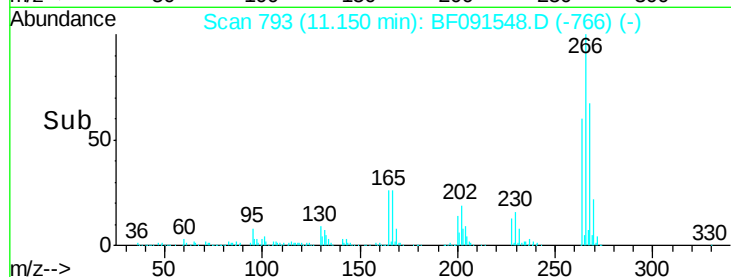
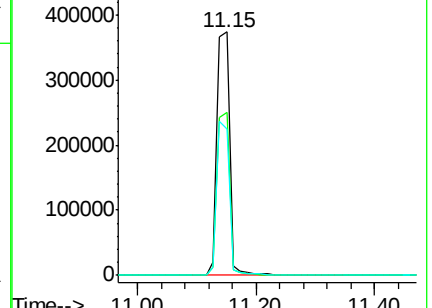
264 60.3 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.90 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

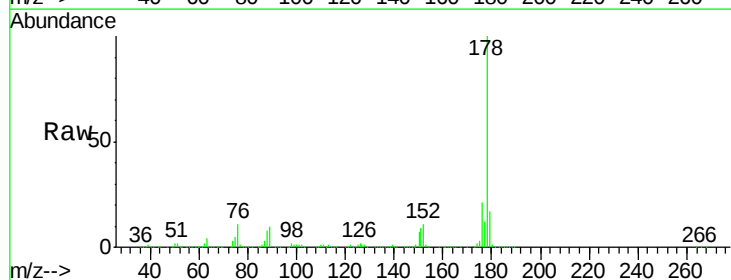
Tgt Ion:178 Resp: 2239816

Ion Ratio Lower Upper

178 100

176 20.6 15.9 23.9

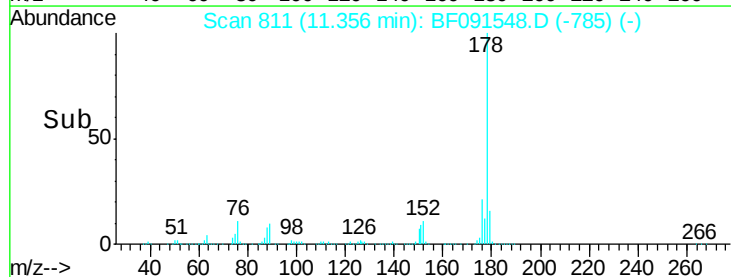
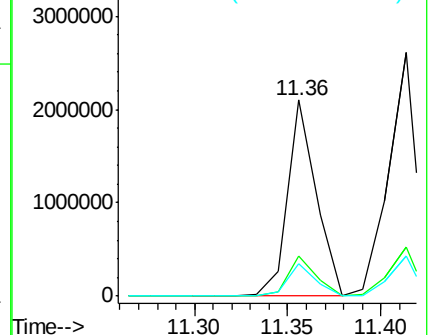
179 16.5 12.6 18.8

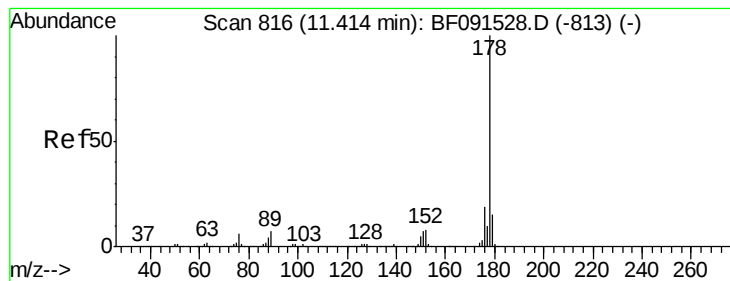


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.89 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

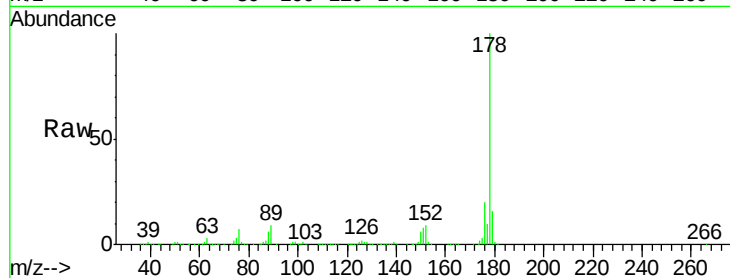
Tgt Ion:178 Resp: 2580358

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

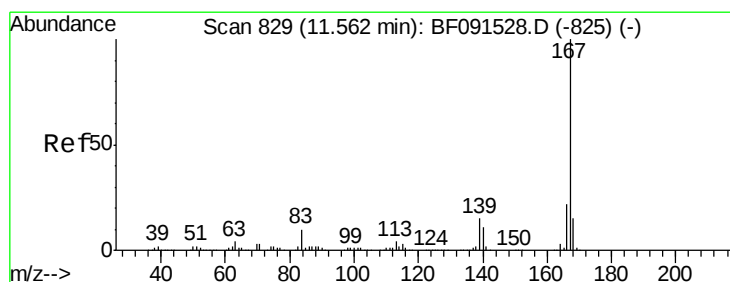
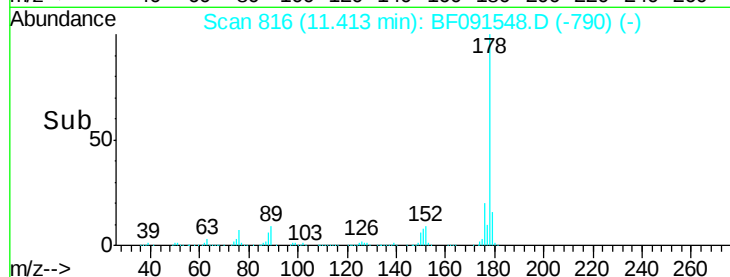
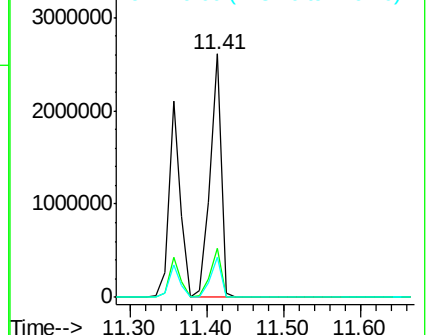
179 16.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.31 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

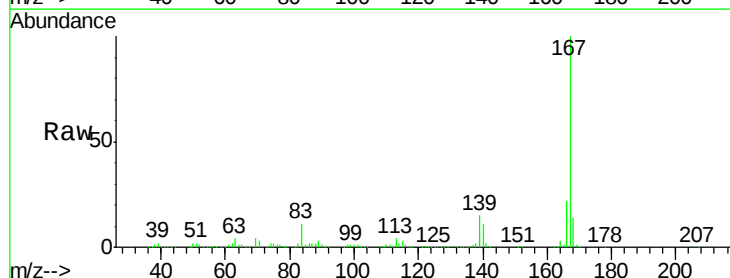
Tgt Ion:167 Resp: 2089148

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

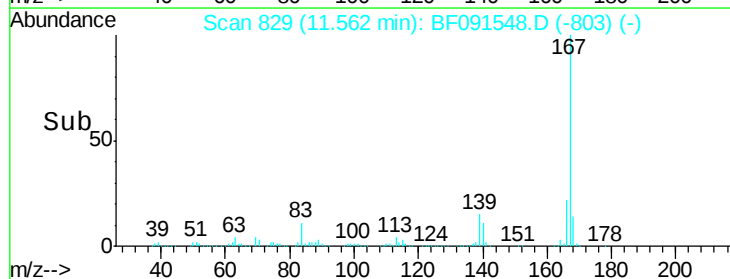
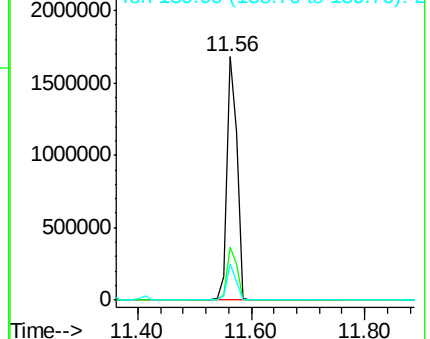
139 15.1 11.5 17.3

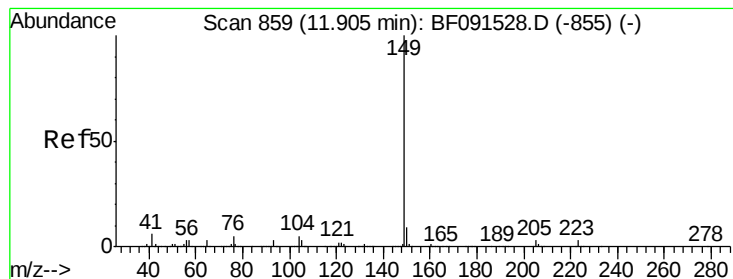


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.28 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

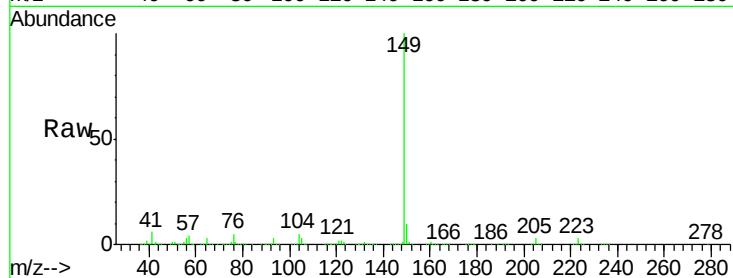
Tgt Ion:149 Resp: 2769801

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

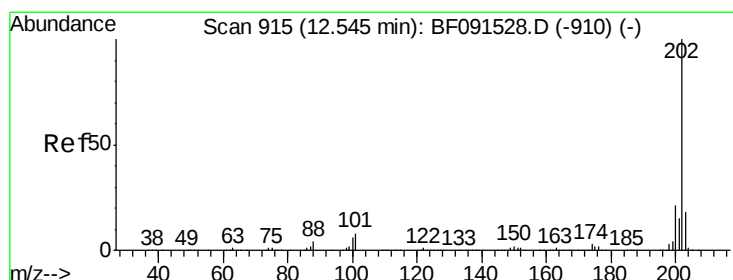
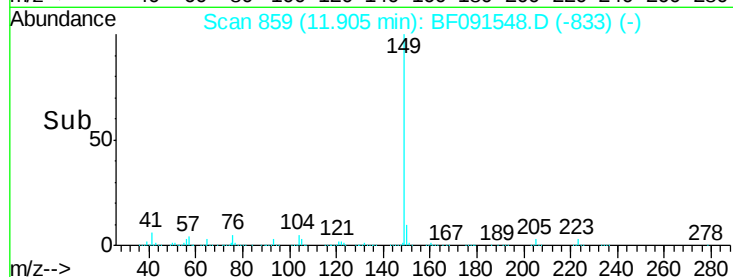
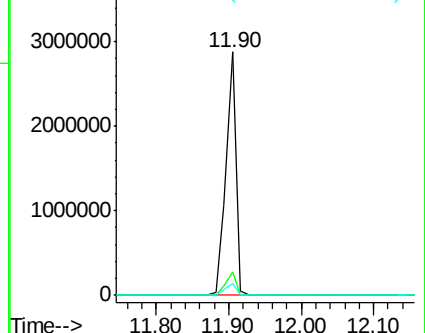
104 5.0 4.0 6.0



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: 46.41 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

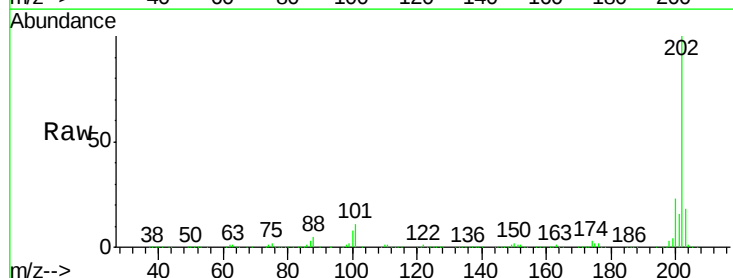
Tgt Ion:202 Resp: 2479728

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.5

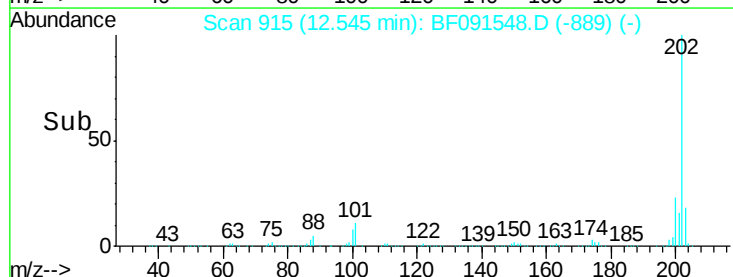
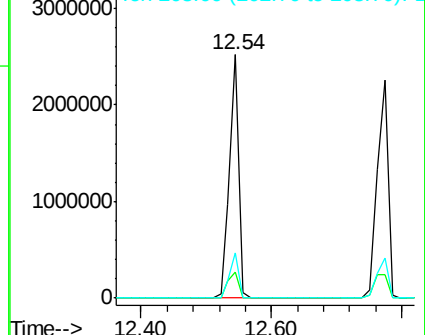
203 18.4 0.0 37.8

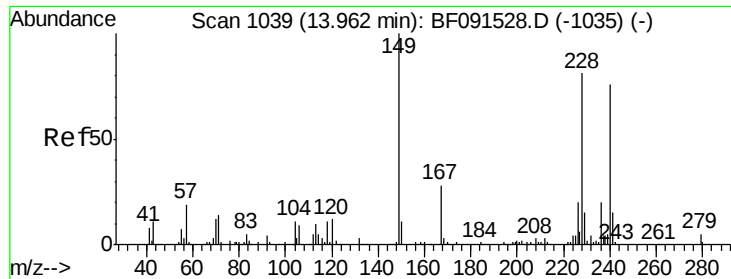


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

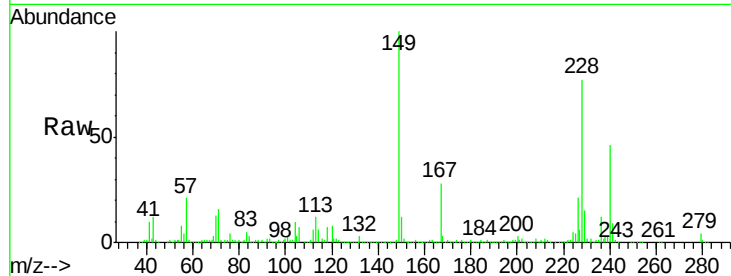
Tgt Ion:240 Resp: 645899

Ion Ratio Lower Upper

240 100

120 17.8 12.1 18.1

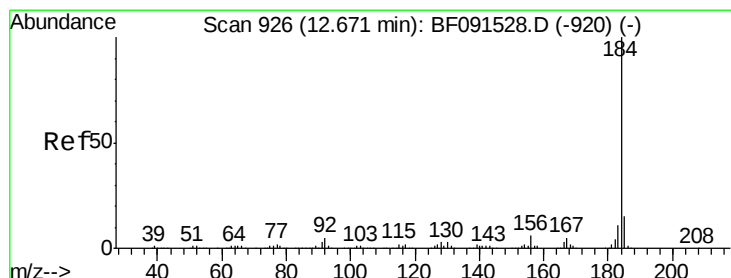
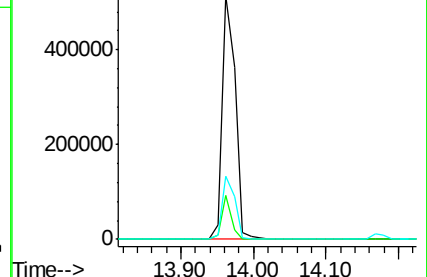
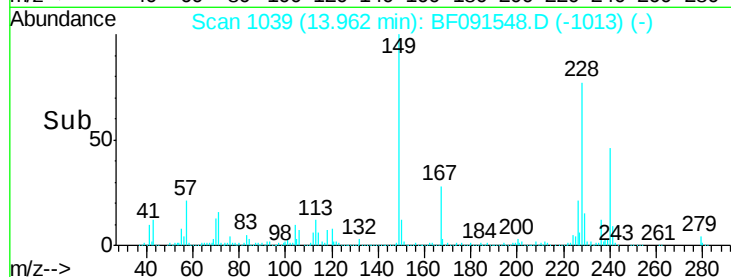
236 26.0 21.0 31.6



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: 33.06 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

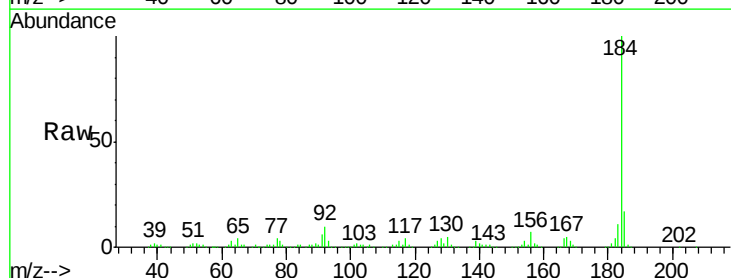
Tgt Ion:184 Resp: 660252

Ion Ratio Lower Upper

184 100

185 16.7 13.1 19.7

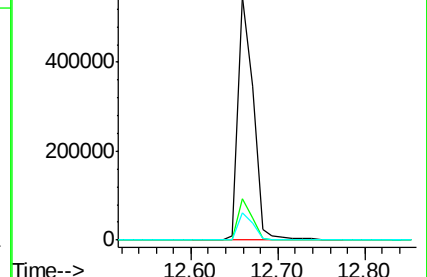
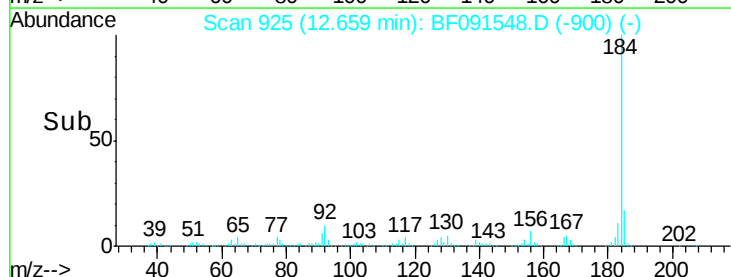
183 11.2 8.9 13.3

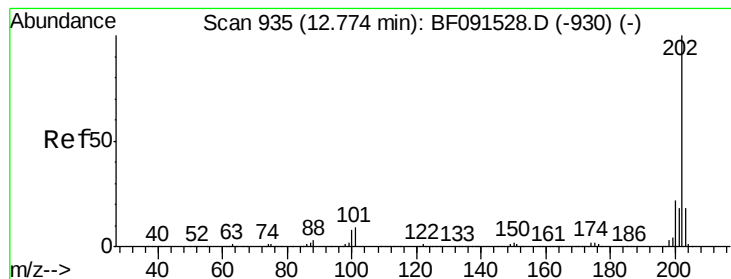


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 49.63 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

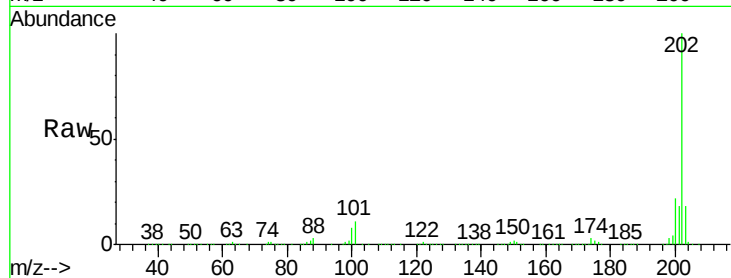
BNA_F

ClientSampleId :

PB95236BS

Tgt Ion:202 Resp: 2543037

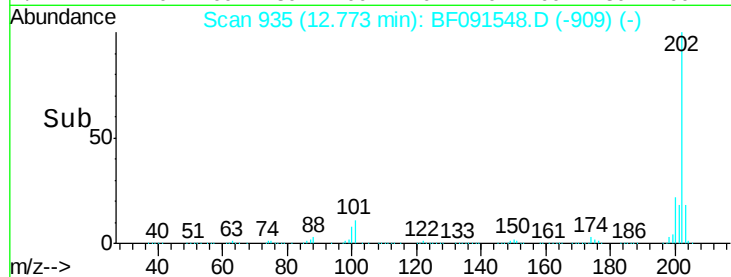
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.0	21.0



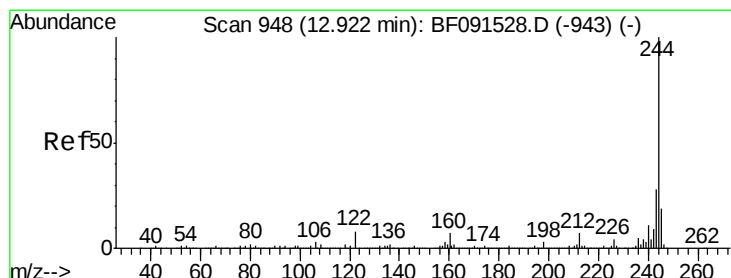
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 98.79 ng

RT: 12.92 min Scan# 948

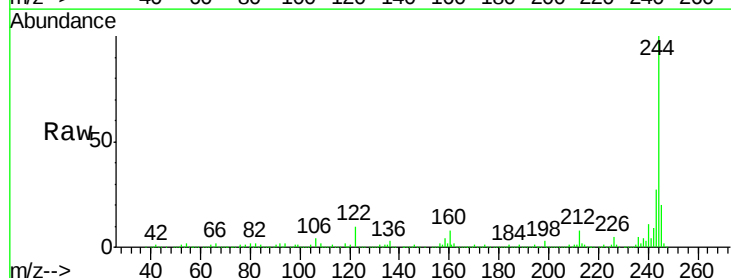
Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:244 Resp: 2812008

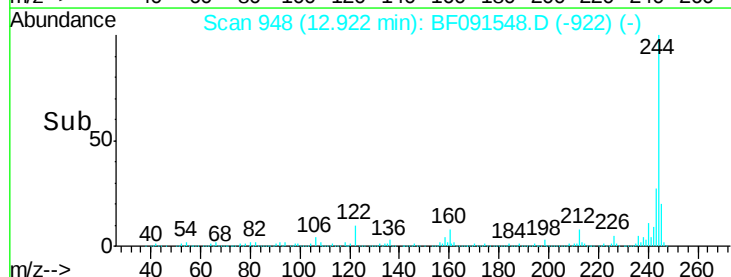
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.2	9.5	14.3



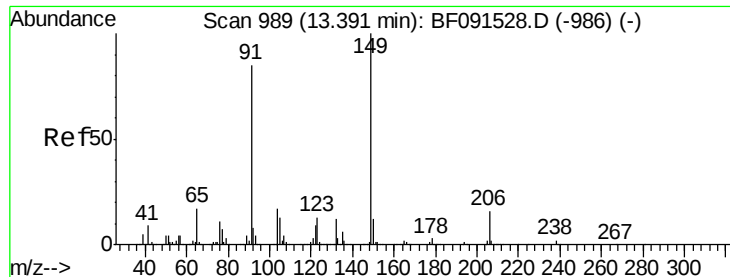
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#79

Butylbenzylphthalate

Concen: 53.24 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

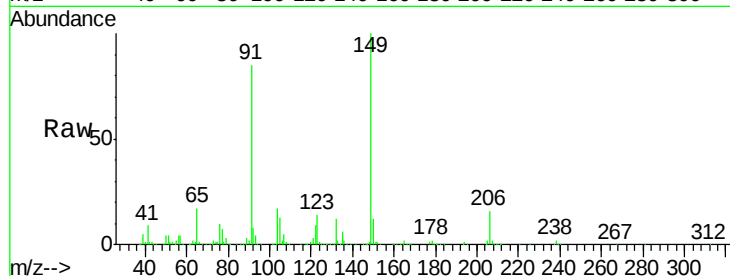
Tgt Ion:149 Resp: 1063553

Ion Ratio Lower Upper

149 100

91 85.0 57.4 86.2

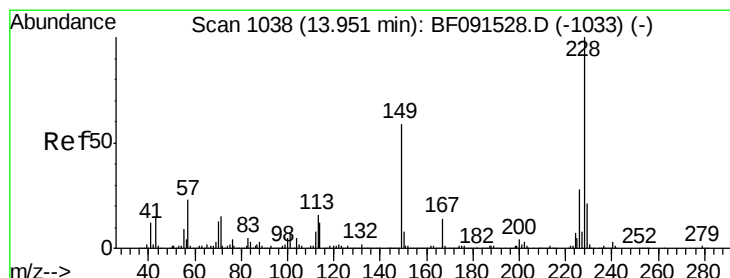
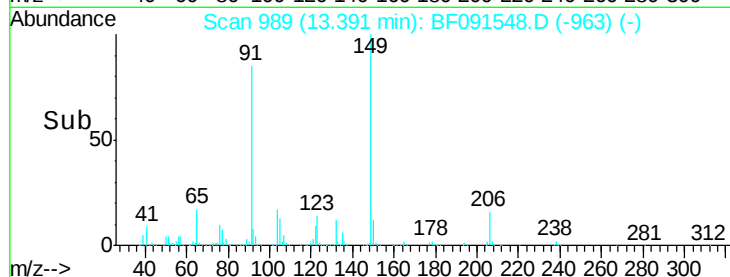
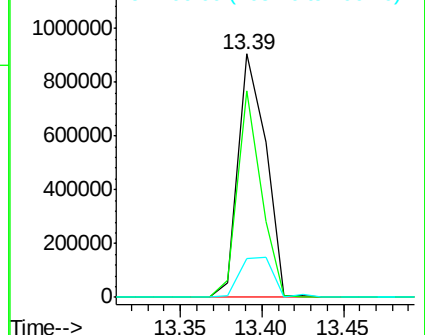
206 16.0 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.39 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

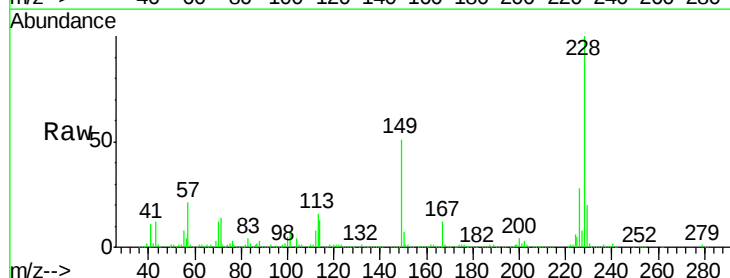
Tgt Ion:228 Resp: 1777604

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

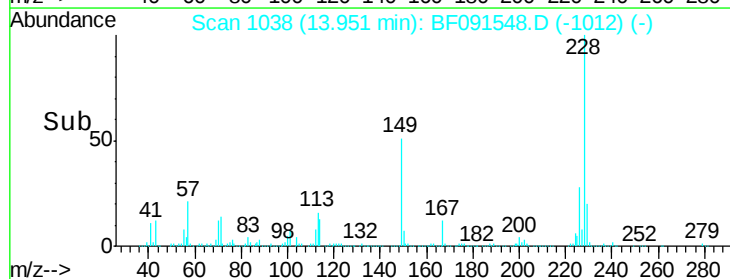
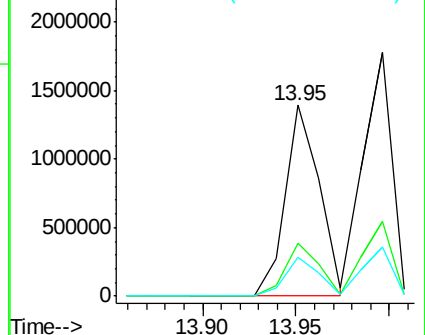
229 20.3 16.4 24.6

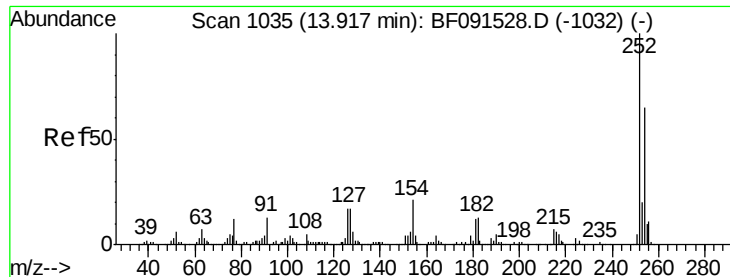


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

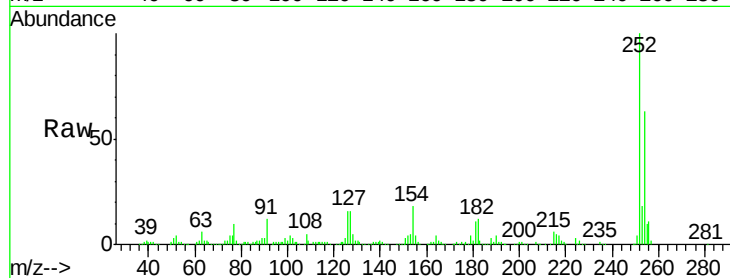




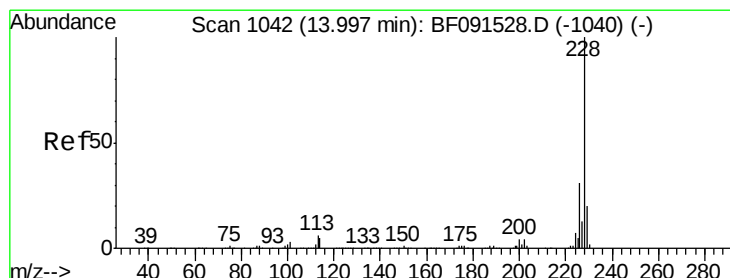
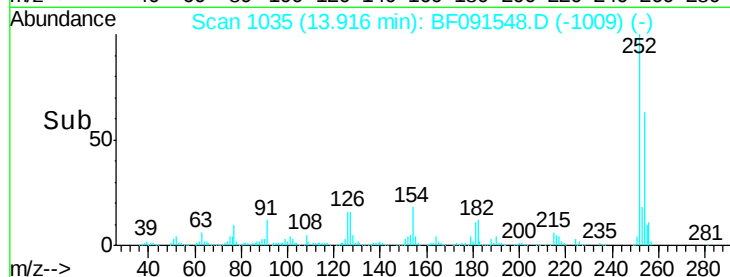
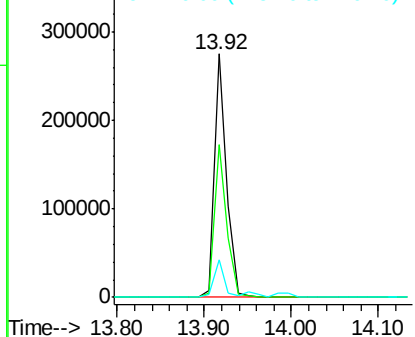
#81
 3,3'-Dichlorobenzidine
 Concen: 20.18 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tgt Ion:252 Resp: 271879
 Ion Ratio Lower Upper
 252 100
 254 62.5 52.1 78.1
 126 15.6 7.5 11.3#

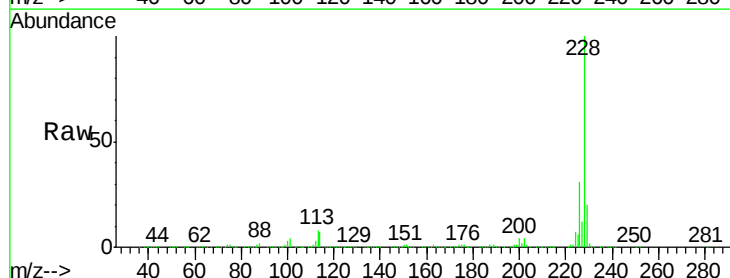


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

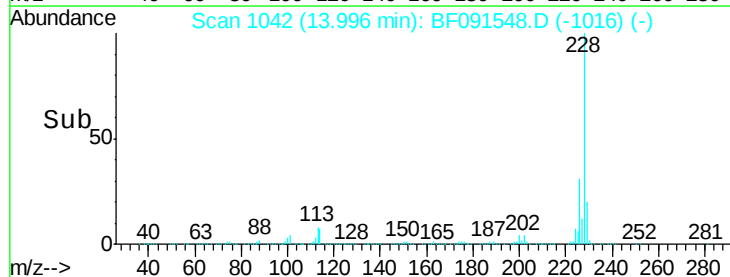
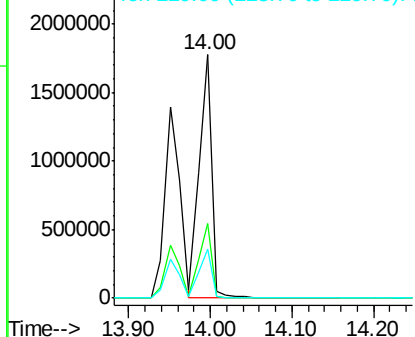


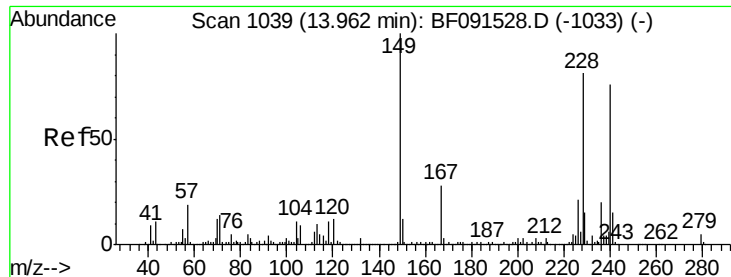
#82
 Chrysene
 Concen: 49.07 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:228 Resp: 1925733
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.4
 229 20.0 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

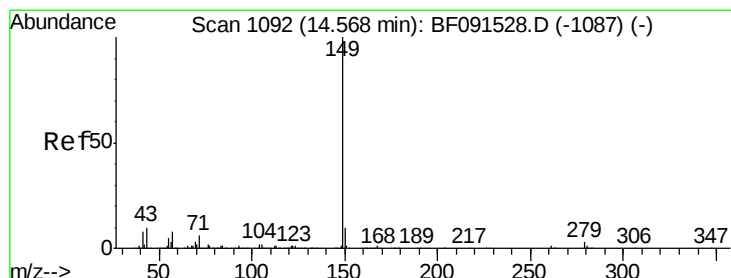
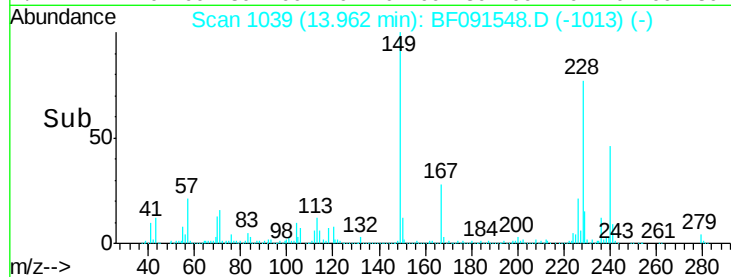
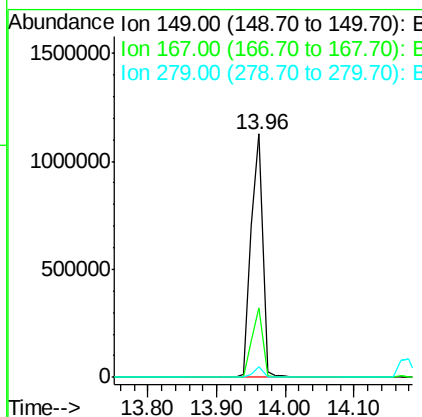
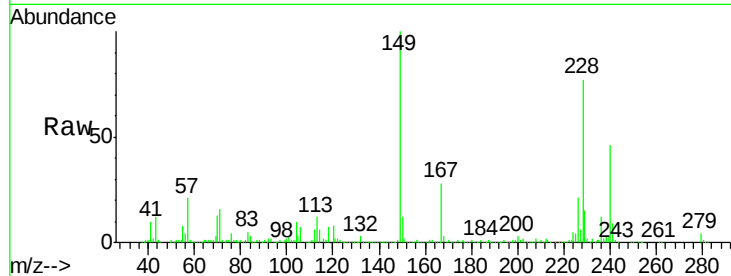




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.88 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

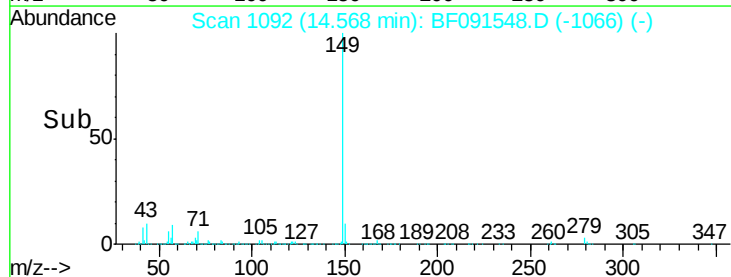
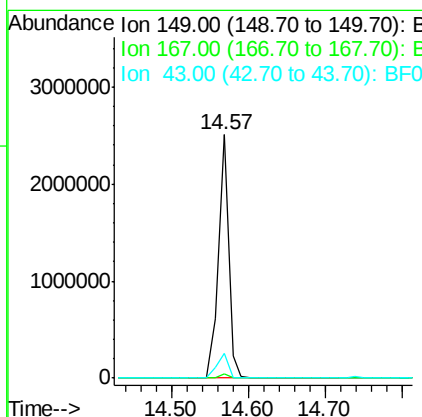
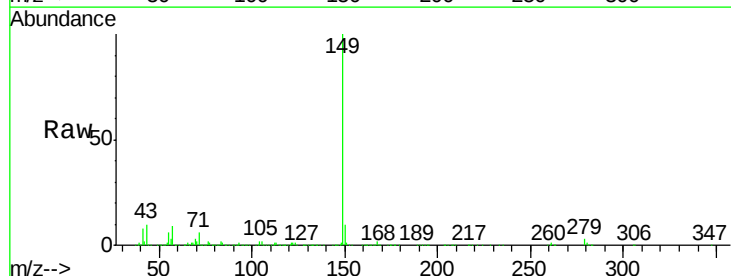
Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

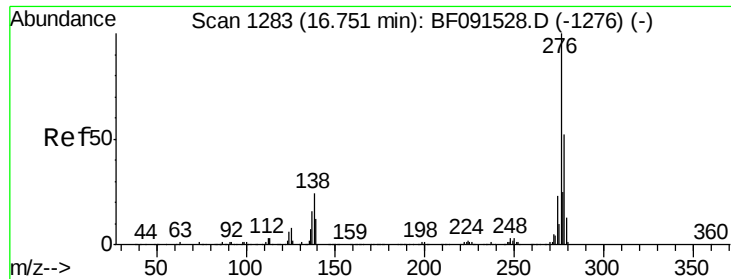
Tgt Ion:149 Resp: 1303929
 Ion Ratio Lower Upper
 149 100
 167 28.5 19.6 29.4
 279 4.5 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 53.66 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:149 Resp: 2334150
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 11.9 17.9#

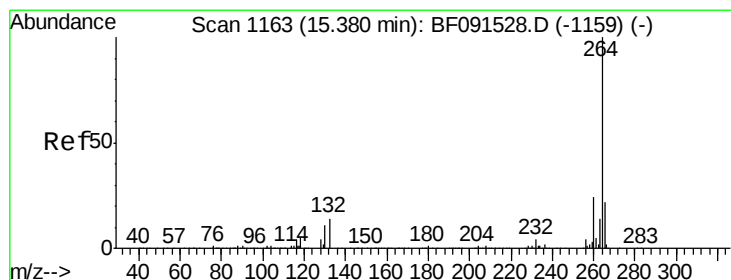
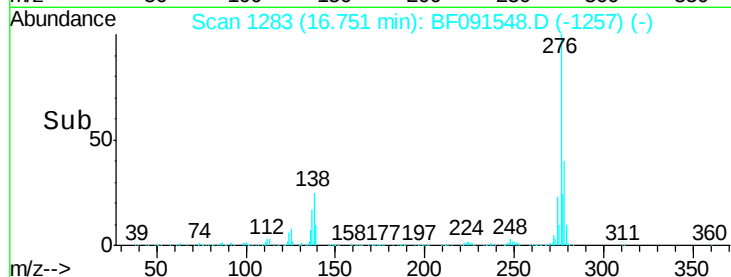
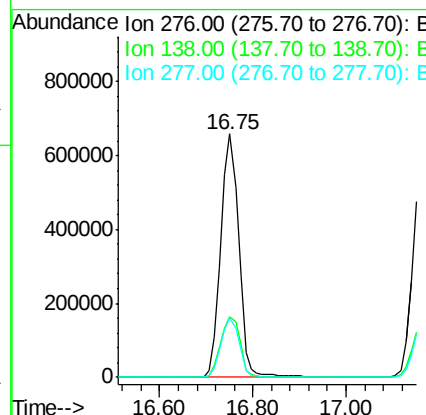
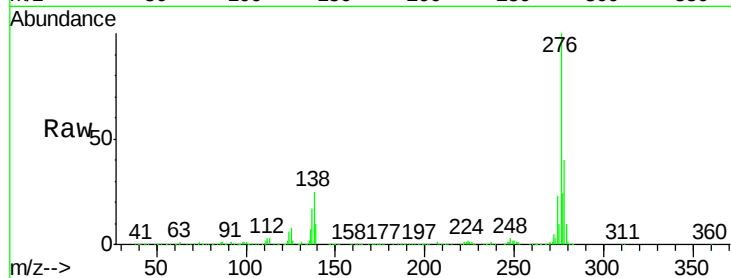




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.18 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

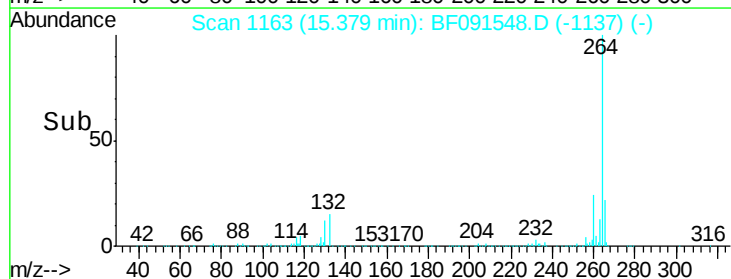
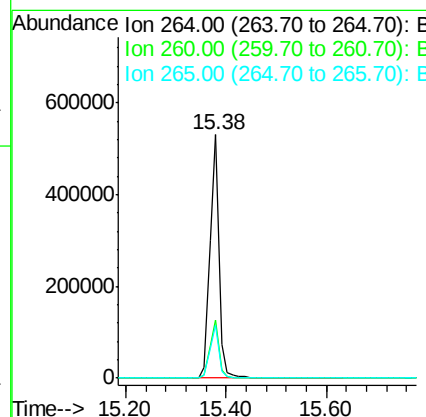
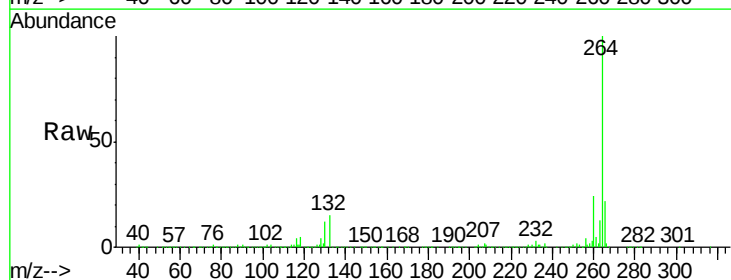
Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

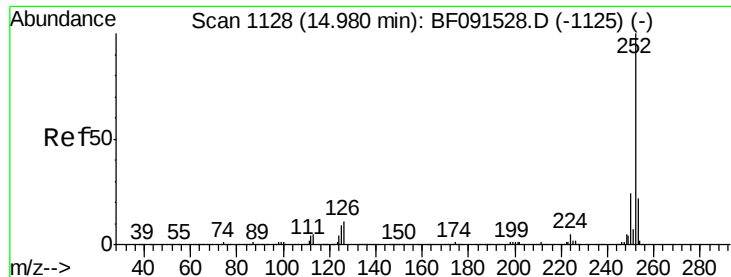
Tgt Ion:276 Resp: 1772129
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.0 31.4
 277 24.9 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:264 Resp: 666161
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.9 17.0 25.6

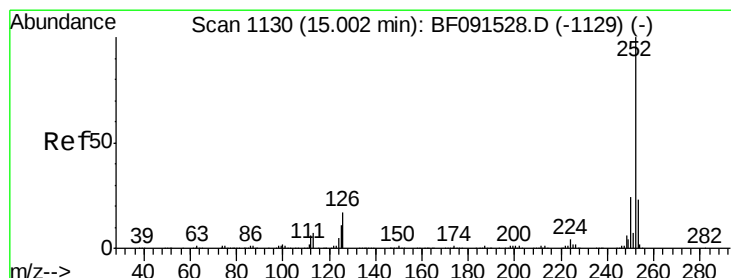
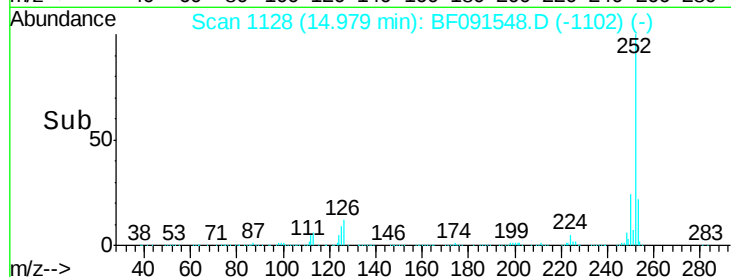
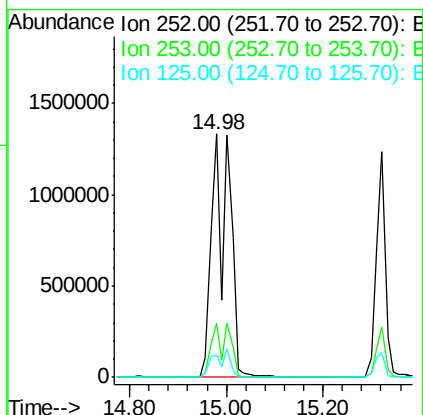
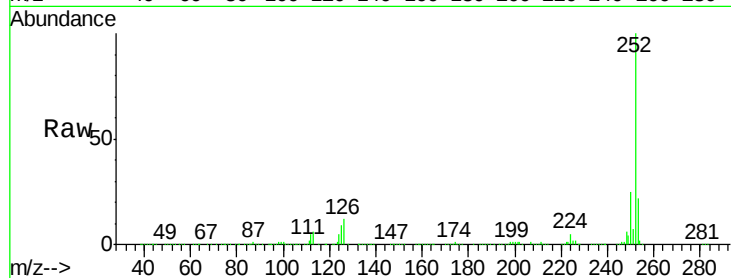




#87
Benzo(b)fluoranthene
Concen: 85.76 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

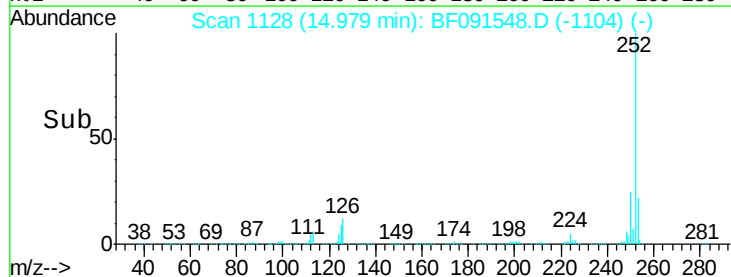
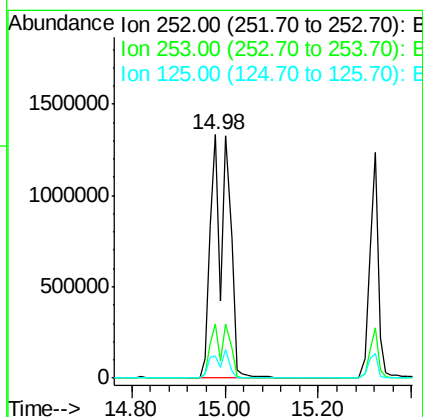
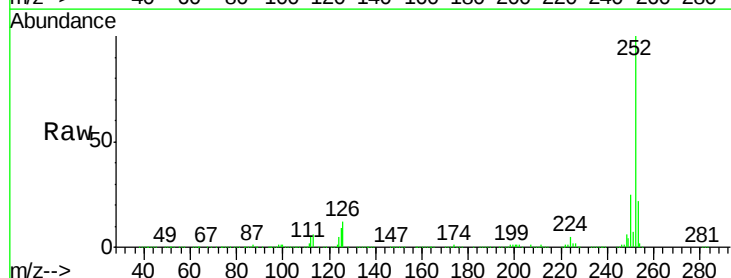
Instrument :
BNA_F
ClientSampleId :
PB95236BS

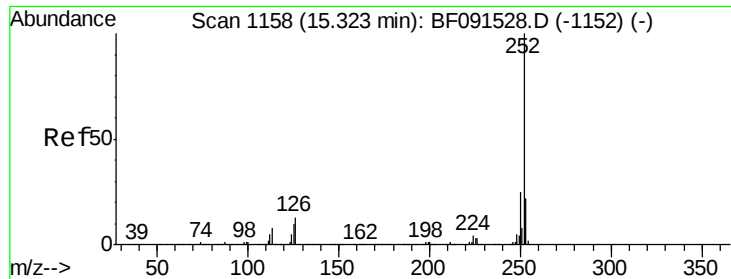
Tgt Ion:252 Resp: 3405504
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.3 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 97.56 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion:252 Resp: 3406530
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.3 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 45.06 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

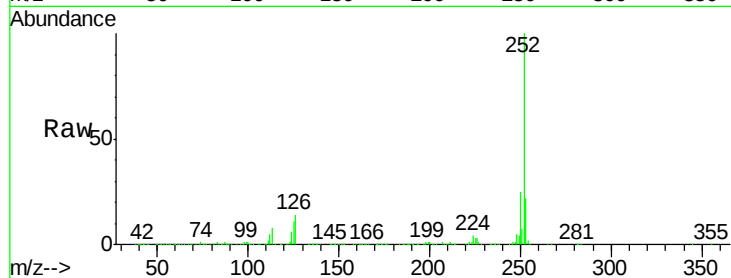
Tgt Ion:252 Resp: 1612084

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

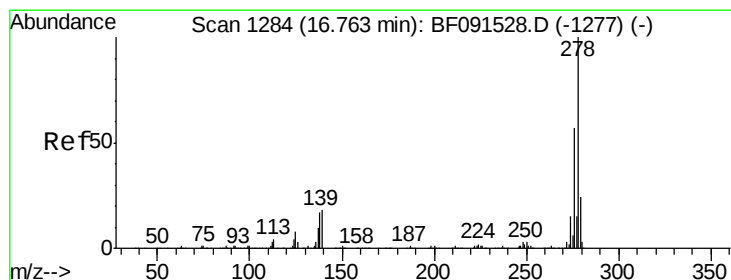
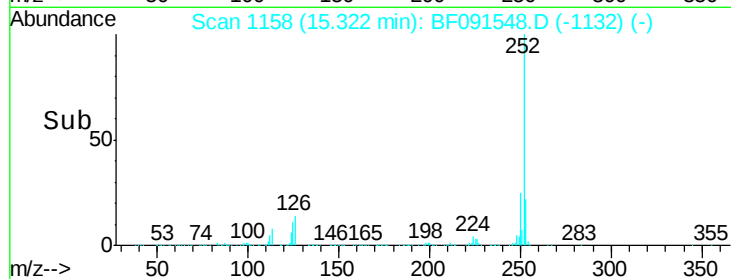
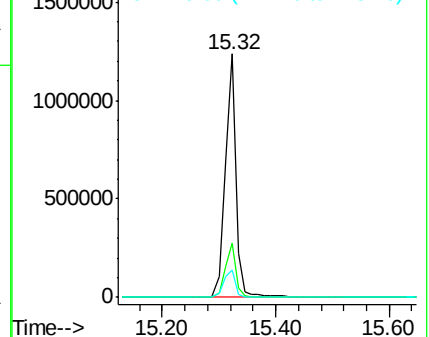
125 11.0 10.4 15.6



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: 45.13 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

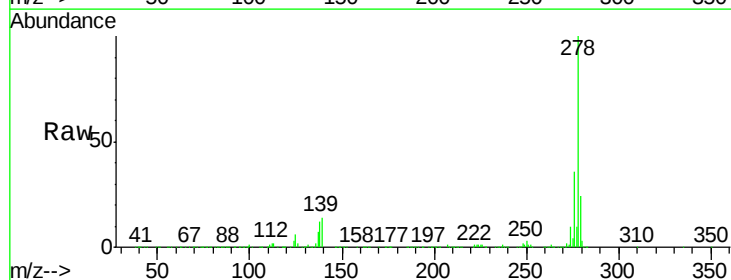
Tgt Ion:278 Resp: 1446409

Ion Ratio Lower Upper

278 100

139 13.8 15.1 22.7#

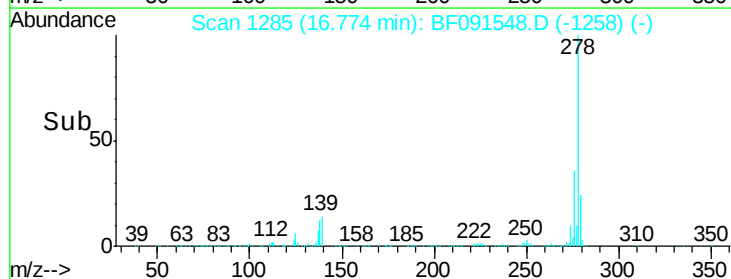
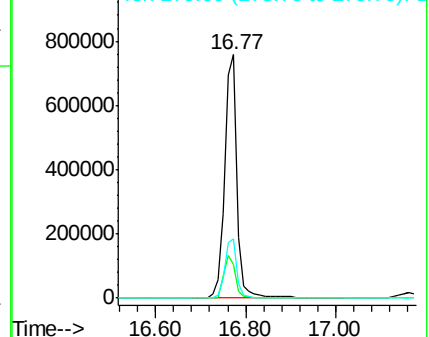
279 24.3 19.0 28.6

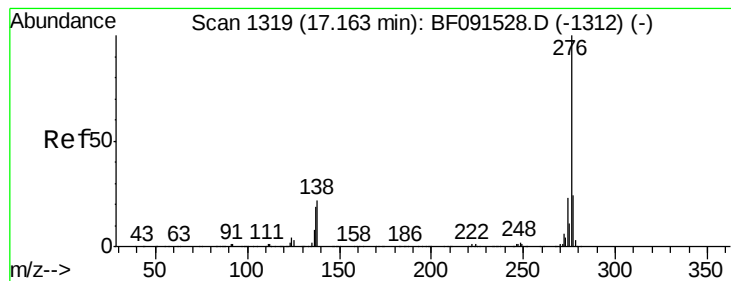


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.44 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tgt Ion:276 Resp: 1514856

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 23.7 15.4 23.0#

