

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091512.D
 Acq On : 8 Dec 2016 19:44
 Operator : UM/SJ
 Sample : PB95122BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Quant Time: Dec 09 00:09:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173189	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	692513	20.00	ng	-0.06
38) Acenaphthene-d10	9.86	164	437592	20.00	ng	-0.05
63) Phenanthrene-d10	11.34	188	753916	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	566342	20.00	ng	-0.07
86) Perylene-d12	15.39	264	573361	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	815220	76.90	ng	-0.04
7) Phenol-d6	6.46	99	1115414	85.47	ng	-0.04
23) Nitrobenzene-d5	7.38	82	688701	55.73	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	412945	99.68	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1439450	59.56	ng	-0.05
78) Terphenyl-d14	12.93	244	1612098	61.87	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	105785	22.06	ng	# 84
3) Pyridine	3.19	79	407528	30.03	ng	87
4) n-Nitrosodimethylamine	3.14	42	264902	37.20	ng	98
6) Aniline	6.48	93	283490	16.35	ng	90
8) 2-Chlorophenol	6.61	128	344232	29.61	ng	91
9) Benzaldehyde	6.36	77	61072	7.28	ng	96
10) Phenol	6.47	94	339992	22.14	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	334753	30.51	ng	98
12) 1,3-Dichlorobenzene	6.84	146	352040	27.23	ng	96
13) 1,4-Dichlorobenzene	6.84	146	352040	27.37	ng	97
14) 1,2-Dichlorobenzene	6.84	146	352040	29.39	ng	97
15) Benzyl Alcohol	6.96	79	269484	25.80	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	609135	25.82	ng	74
17) 2-Methylphenol	7.09	107	263175	28.64	ng	# 77
18) Hexachloroethane	7.34	117	124550	27.27	ng	# 85
19) n-Nitroso-di-n-propylamine	7.25	70	248224	30.19	ng	# 83
20) 3+4-Methylphenols	7.24	107	322965	28.79	ng	# 68
22) Acetophenone	7.24	105	461091	28.09	ng	# 84
24) Nitrobenzene	7.41	77	386240	30.53	ng	# 86
25) Isophorone	7.65	82	634802	29.00	ng	99
26) 2-Nitrophenol	7.72	139	163976	28.44	ng	94
27) 2,4-Dimethylphenol	7.76	122	278311	25.80	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	407739	30.94	ng	98
29) 2,4-Dichlorophenol	7.97	162	300413	31.66	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	311811	29.31	ng	98
31) Naphthalene	8.13	128	900289	27.35	ng	100
32) Benzoic acid	7.90	122	211390	26.59	ng	95
33) 4-Chloroaniline	8.18	127	49972	3.55	ng	97
34) Hexachlorobutadiene	8.25	225	193692	29.61	ng	98
35) Caprolactam	8.55	113	50898	18.66	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	291153	28.42	ng	96
37) 2-Methylnaphthalene	8.82	142	639888	28.62	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	303945	24.64	ng	98
40) Hexachlorocyclopentadiene	8.97	237	367524	64.27	ng	100

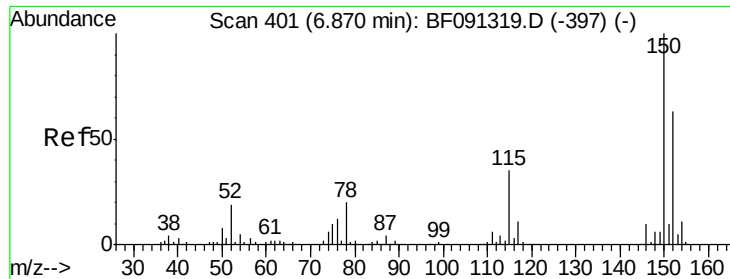
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091512.D
 Acq On : 8 Dec 2016 19:44
 Operator : UM/SJ
 Sample : PB95122BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Quant Time: Dec 09 00:09:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	237726	29.65	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	226679	28.21	ng	95
45) 1,1'-Biphenyl	9.28	154	790271	25.12	ng	96
46) 2-Chloronaphthalene	9.30	162	588121	25.10	ng	100
47) 2-Nitroaniline	9.40	65	199855	23.75	ng	# 74
48) Acenaphthylene	9.72	152	917122	24.86	ng	98
49) Dimethylphthalate	9.59	163	741641	27.99	ng	98
50) 2,6-Dinitrotoluene	9.65	165	183246	30.94	ng	# 81
51) Acenaphthene	9.89	154	714063	28.70	ng	97
52) 3-Nitroaniline	9.81	138	76424	11.15	ng	89
53) 2,4-Dinitrophenol	9.92	184	207214	80.01	ng	# 85
54) Dibenzofuran	10.07	168	905967	27.19	ng	# 88
55) 4-Nitrophenol	9.98	139	223727	45.19	ng	96
56) 2,4-Dinitrotoluene	10.05	165	215728	28.08	ng	# 68
57) Fluorene	10.40	166	663992	25.96	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	212980	31.04	ng	94
59) Diethylphthalate	10.29	149	710338	27.16	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	352142	27.45	ng	95
61) 4-Nitroaniline	10.42	138	140776	21.87	ng	84
62) Azobenzene	10.56	77	791530	29.66	ng	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	129065	31.07	ng	# 34
65) n-Nitrosodiphenylamine	10.52	169	578212	25.30	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	231023	28.51	ng	# 71
67) Hexachlorobenzene	10.95	284	230960	26.38	ng	# 86
68) Atrazine	11.05	200	215130	29.06	ng	92
69) Pentachlorophenol	11.14	266	267110	51.82	ng	94
70) Phenanthrene	11.36	178	971713	24.80	ng	99
71) Anthracene	11.42	178	1150861	29.60	ng	99
72) Carbazole	11.57	167	880768	24.96	ng	98
73) Di-n-butylphthalate	11.91	149	1113461	27.85	ng	# 98
74) Fluoranthene	12.55	202	1164506	31.38	ng	95
76) Benzidine	12.66	184	446040	26.83	ng	98
77) Pyrene	12.78	202	1140674	26.54	ng	99
79) Butylbenzylphthalate	13.40	149	428543	26.63	ng	95
80) Benzo(a)anthracene	13.96	228	921220	27.81	ng	98
81) 3,3'-Dichlorobenzidine	13.92	252	191937	16.45	ng	98
82) Chrysene	14.00	228	901036	27.50	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	571272	28.00	ng	97
84) Di-n-octyl phthalate	14.57	149	1009234	32.69	ng	94
85) Indeno(1,2,3-cd)pyrene	16.76	276	938308	31.26	ng	# 93
87) Benzo(b)fluoranthene	15.01	252	1501958	42.14	ng	# 97
88) Benzo(k)fluoranthene	15.01	252	1502938	50.15	ng	# 96
89) Benzo(a)pyrene	15.33	252	712086	22.25	ng	# 93
90) Dibenzo(a,h)anthracene	16.78	278	769057	25.98	ng	# 91
91) Benzo(g,h,i)perylene	17.17	276	613559	20.10	ng	96

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

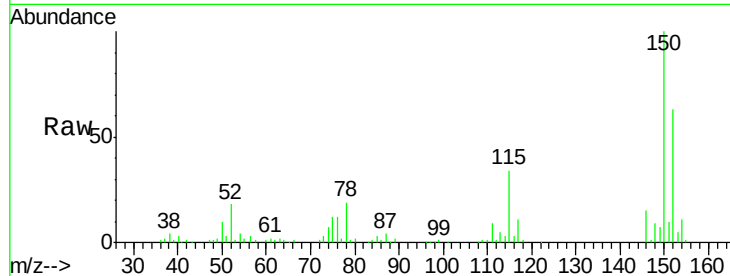


#1

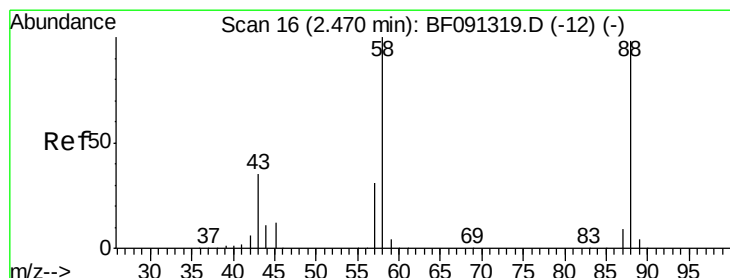
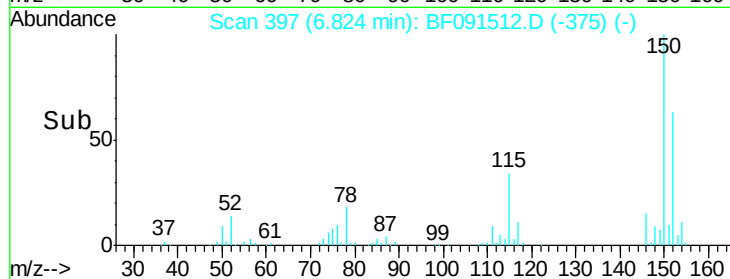
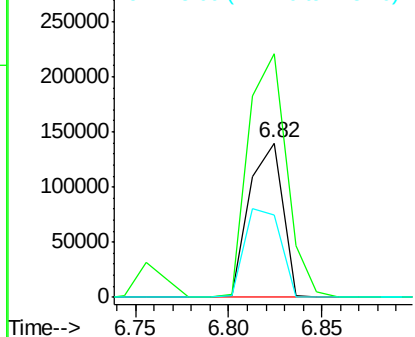
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tgt Ion:152 Resp: 173189
Ion Ratio Lower Upper
152 100
150 157.9 122.5 183.7
115 53.5 51.8 77.8



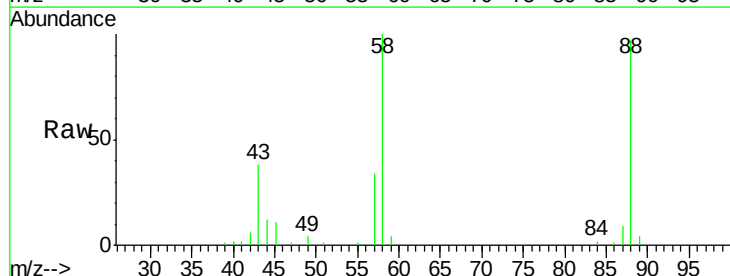
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



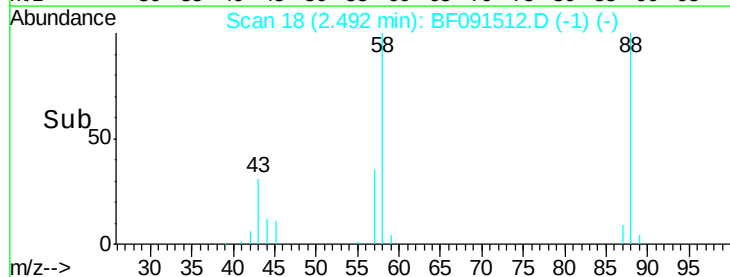
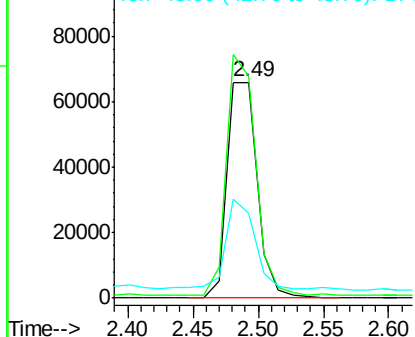
#2

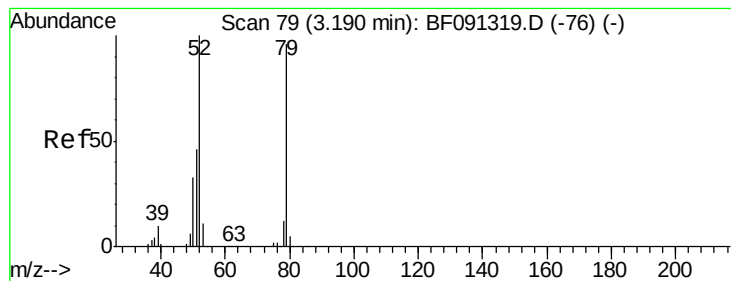
1,4-Dioxane
Concen: 22.06 ng
RT: 2.49 min Scan# 18
Delta R.T. -0.01 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion: 88 Resp: 105785
Ion Ratio Lower Upper
88 100
58 106.9 70.3 105.5#
43 43.5 31.3 46.9



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





#3

Pyridine

Concen: 30.03 ng

RT: 3.19 min Scan# 79

Delta R.T. -0.03 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

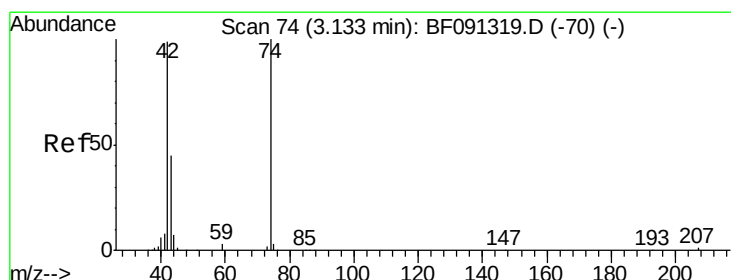
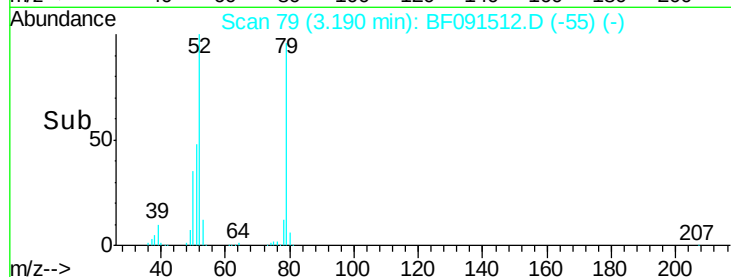
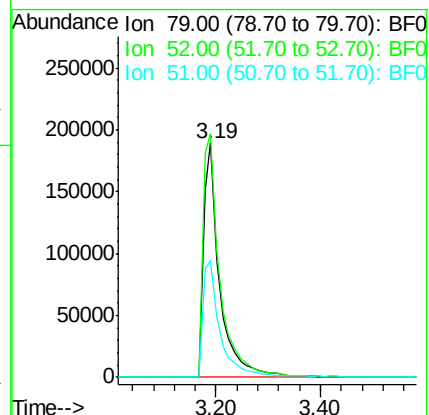
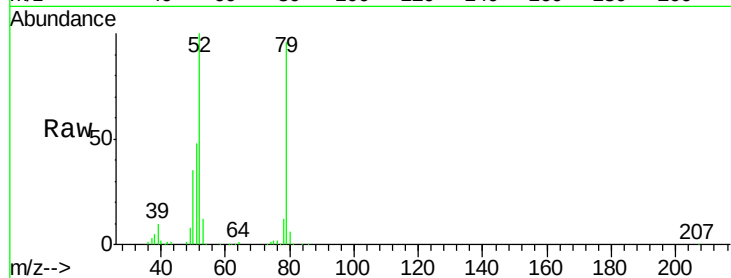
Tgt Ion: 79 Resp: 407528

Ion Ratio Lower Upper

79 100

52 104.0 71.0 106.4

51 50.2 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 37.20 ng

RT: 3.14 min Scan# 75

Delta R.T. -0.03 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

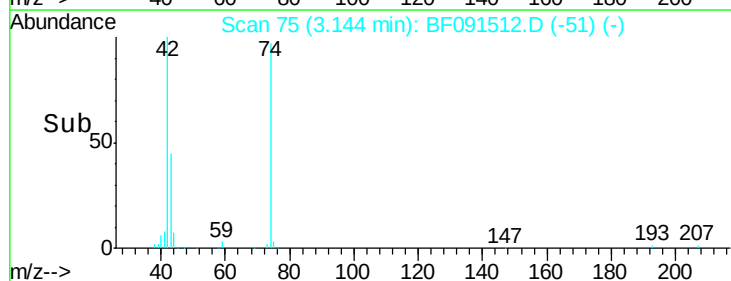
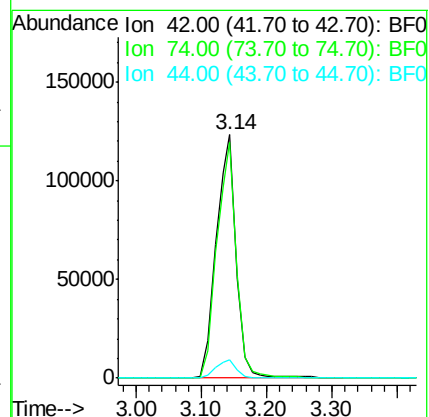
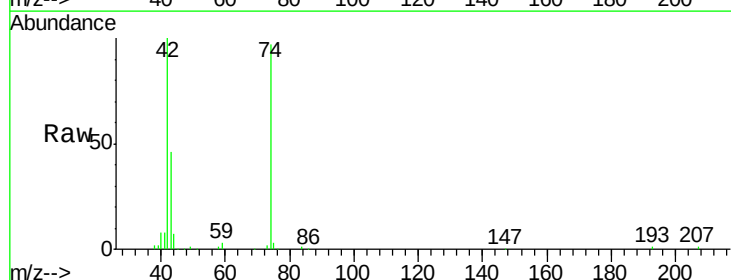
Tgt Ion: 42 Resp: 264902

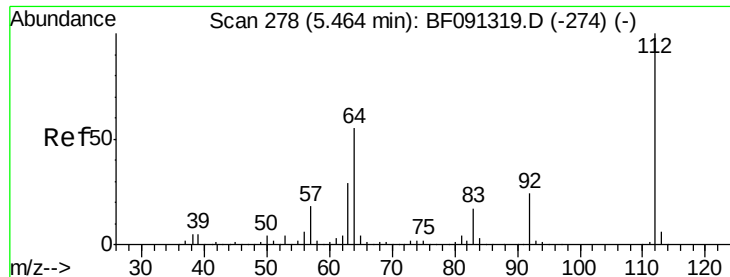
Ion Ratio Lower Upper

42 100

74 96.8 78.9 118.3

44 7.4 5.8 8.6





#5

2-Fluorophenol

Concen: 76.90 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.04 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

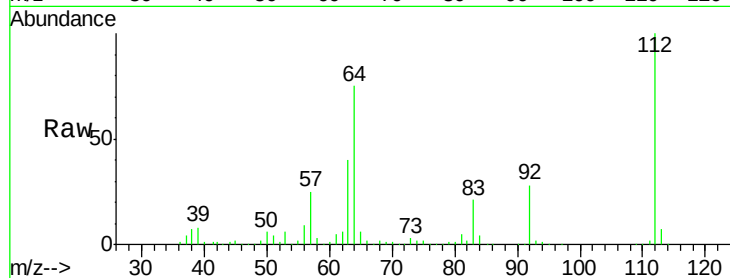
Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tgt Ion:	112	Resp:	815220
Ion	Ratio	Lower	Upper
112	100		
64	74.7	61.5	92.3
63	40.2	33.3	49.9

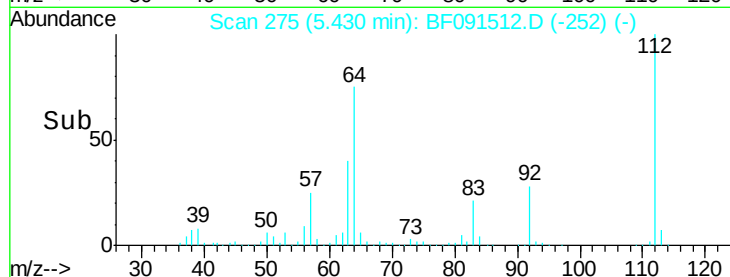


Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time--> 5.30 5.40 5.50 5.60

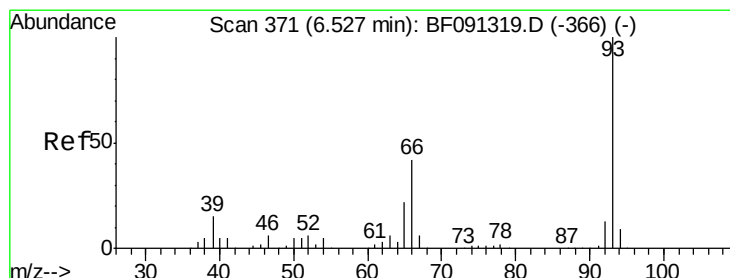


Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time--> 5.30 5.40 5.50 5.60



#6

Aniline

Concen: 16.35 ng

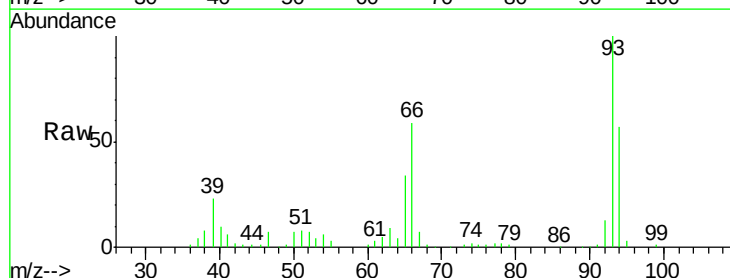
RT: 6.48 min Scan# 367

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Tgt Ion:	93	Resp:	283490
Ion	Ratio	Lower	Upper
93	100		
66	59.0	55.8	83.6
65	34.3	29.9	44.9

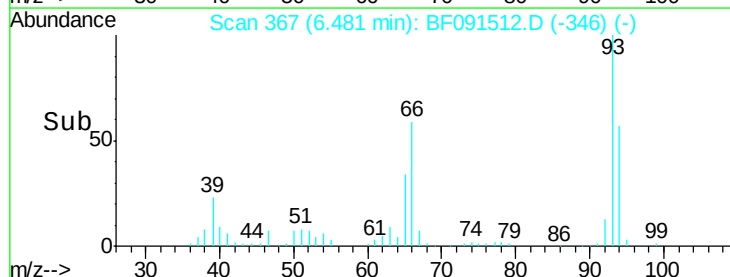


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time--> 6.40 6.45 6.50 6.55

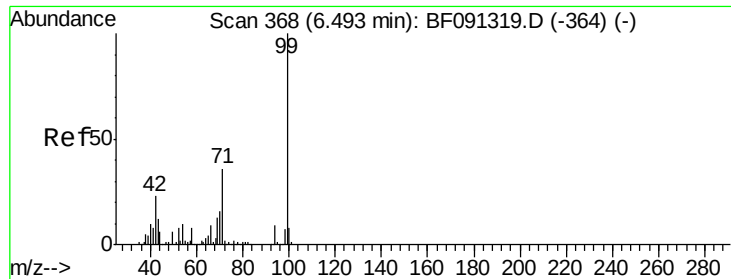


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time--> 6.40 6.45 6.50 6.55



#7

Phenol-d6

Concen: 85.47 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

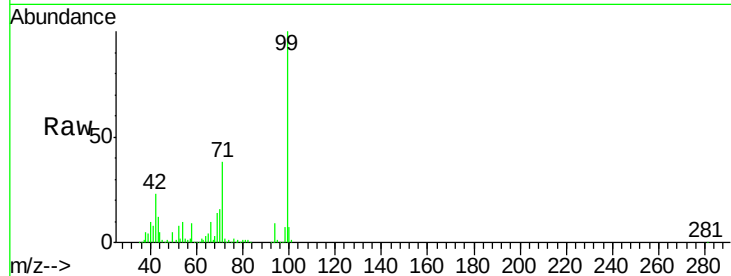
Tgt Ion: 99 Resp: 1115414

Ion Ratio Lower Upper

99 100

42 23.1 20.6 31.0

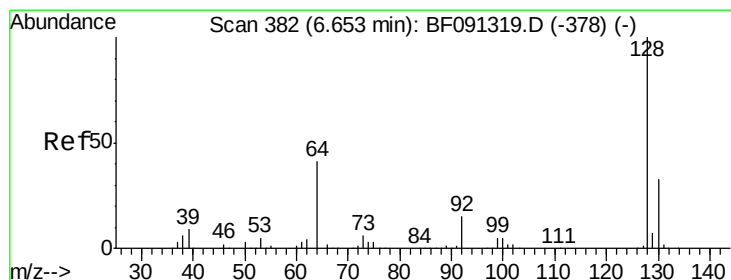
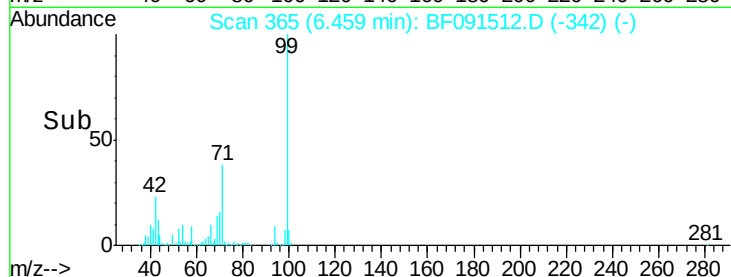
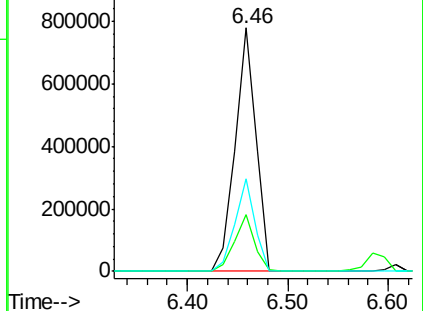
71 38.0 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 29.61 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.05 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

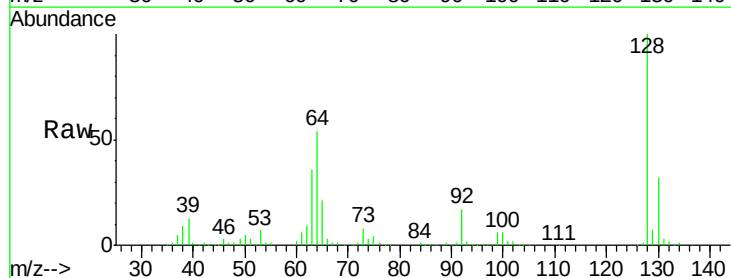
Tgt Ion: 128 Resp: 344232

Ion Ratio Lower Upper

128 100

130 32.3 13.1 53.1

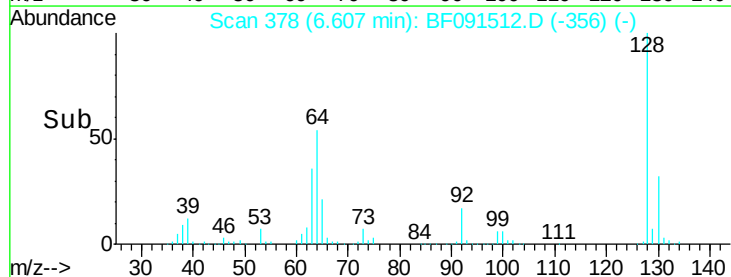
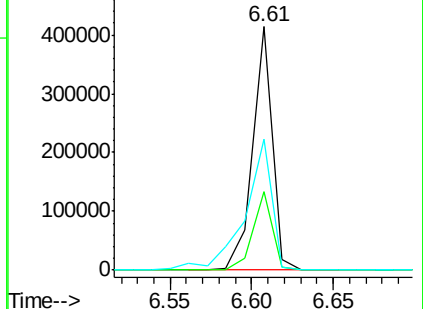
64 54.0 24.1 64.1

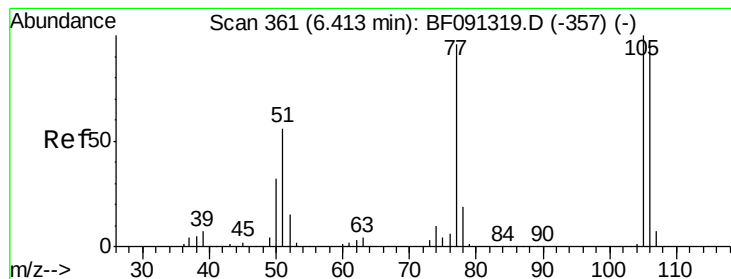


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.28 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

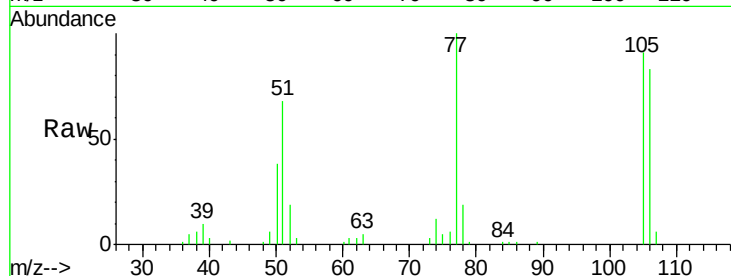
Tgt Ion: 77 Resp: 61072

Ion Ratio Lower Upper

77 100

105 91.1 66.4 106.4

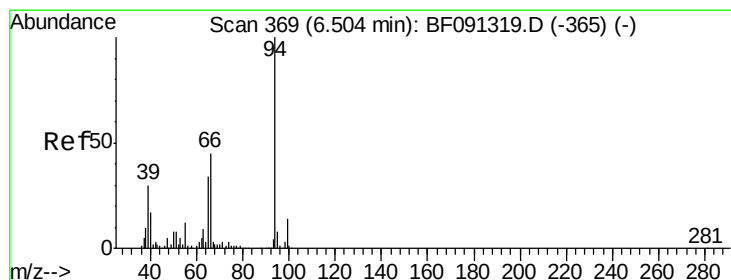
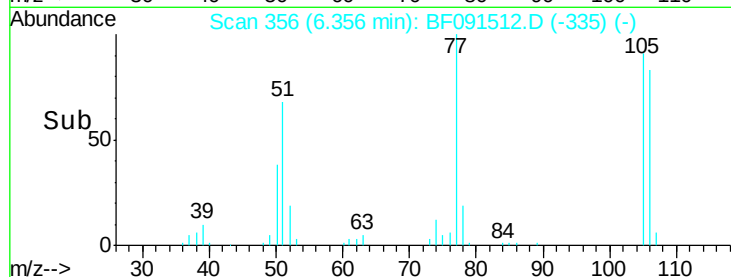
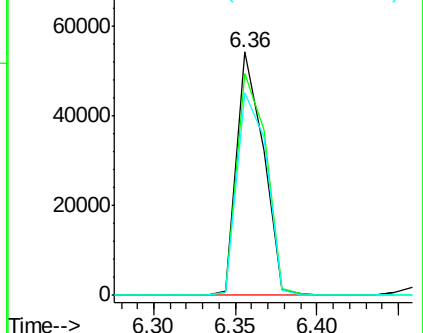
106 83.2 60.9 100.9



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: 22.14 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.05 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

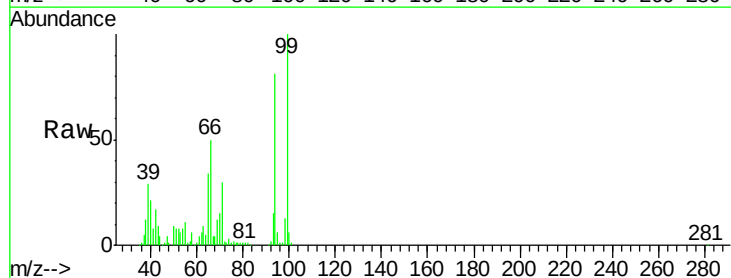
Tgt Ion: 94 Resp: 339992

Ion Ratio Lower Upper

94 100

65 42.2 16.9 56.9

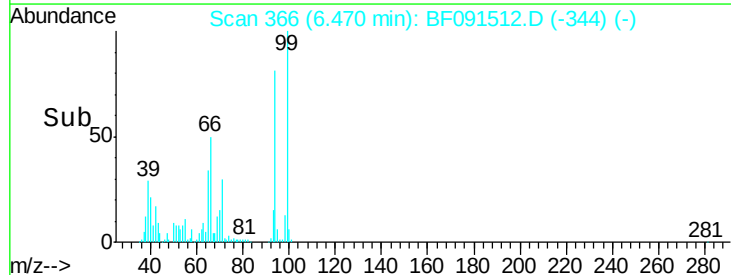
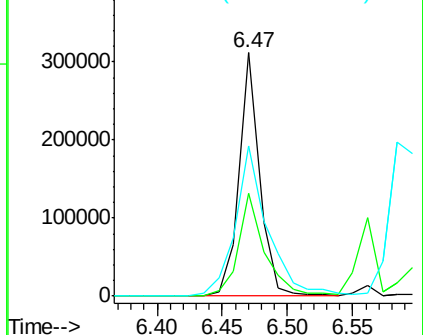
66 61.8 30.6 70.6

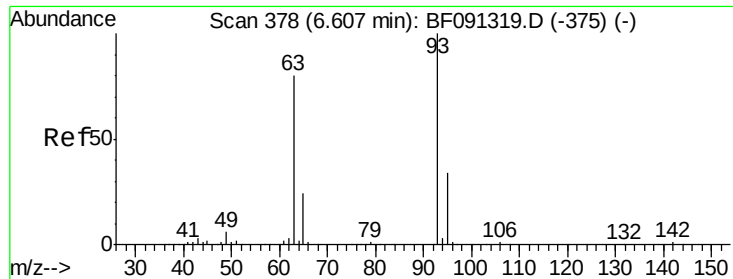


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

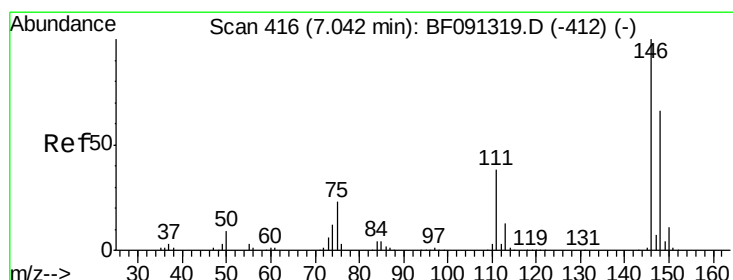
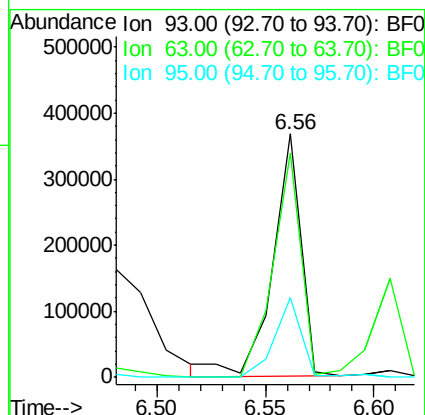
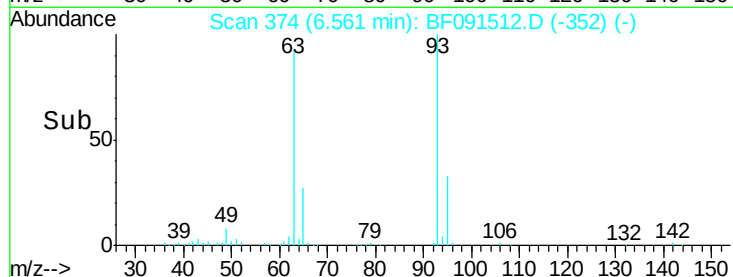
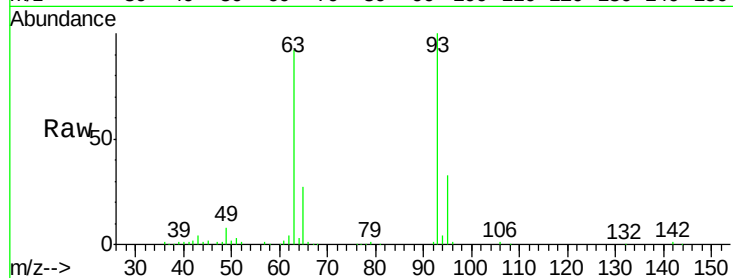




#11
bis(2-Chloroethyl)ether
Concen: 30.51 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

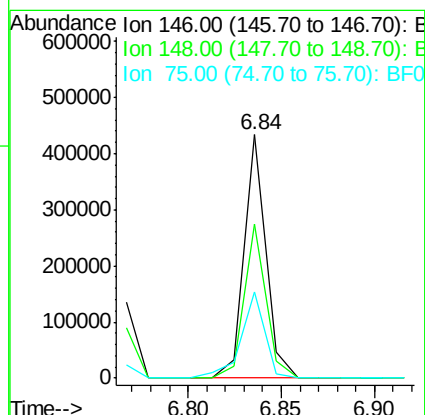
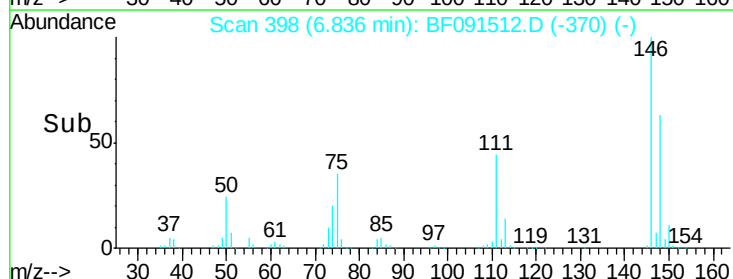
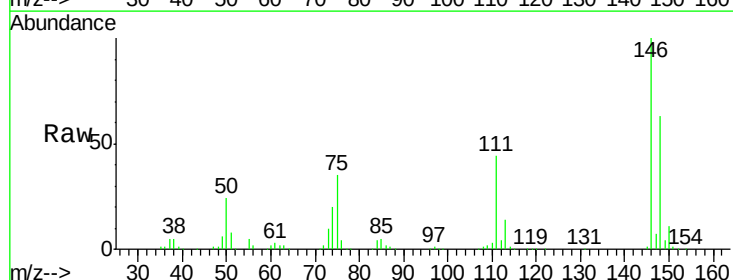
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

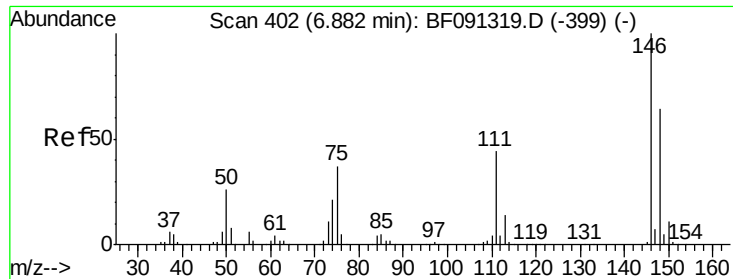
Tgt Ion: 93 Resp: 334753
Ion Ratio Lower Upper
93 100
63 92.4 74.8 114.8
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 27.23 ng
RT: 6.84 min Scan# 398
Delta R.T. 0.02 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion: 146 Resp: 352040
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
75 35.1 23.6 35.4

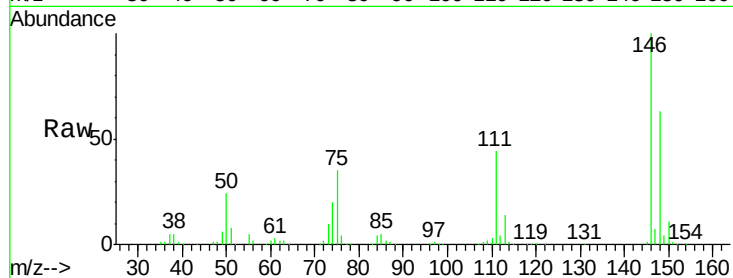




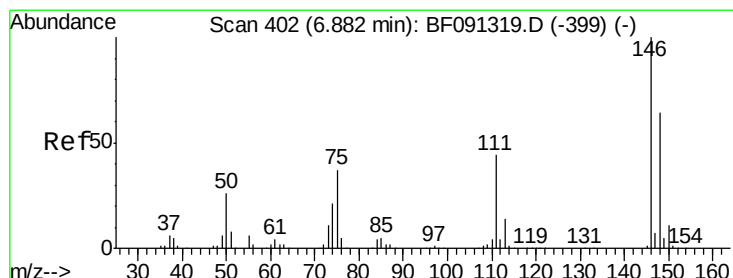
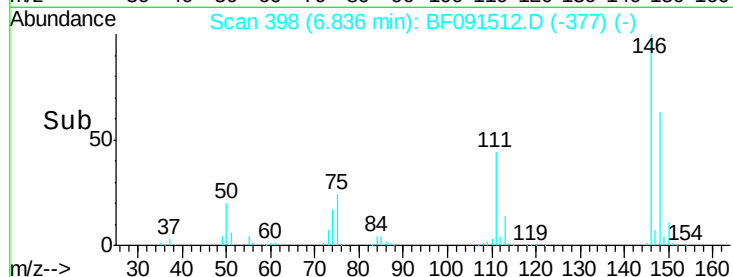
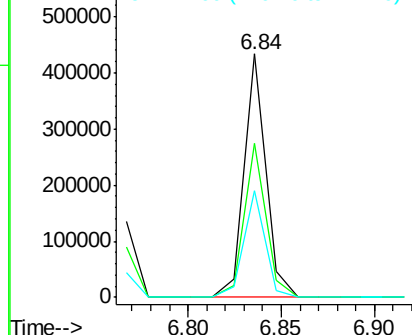
#13
1,4-Dichlorobenzene
Concen: 27.37 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tgt Ion:146 Resp: 352040
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
111 43.8 32.2 48.2

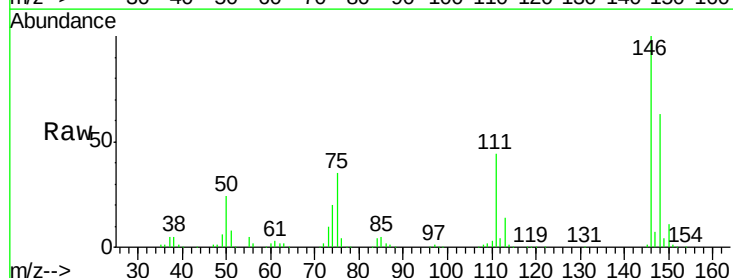


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

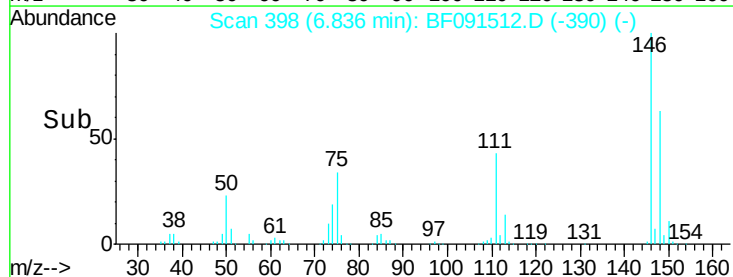
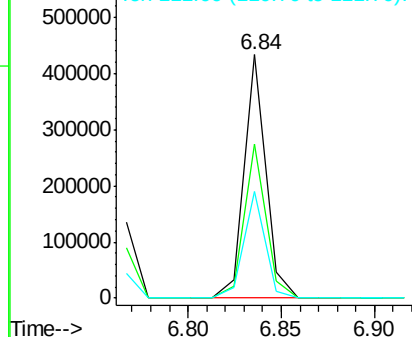


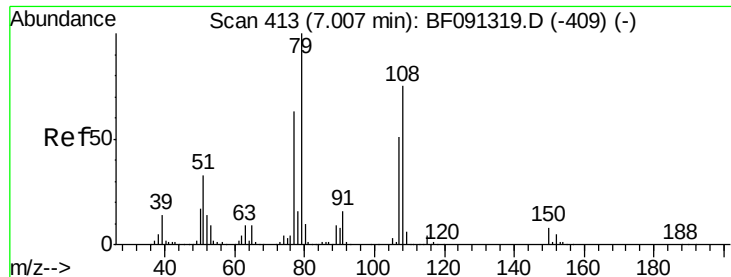
#14
1,2-Dichlorobenzene
Concen: 29.39 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.21 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion:146 Resp: 352040
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 43.8 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: 25.80 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

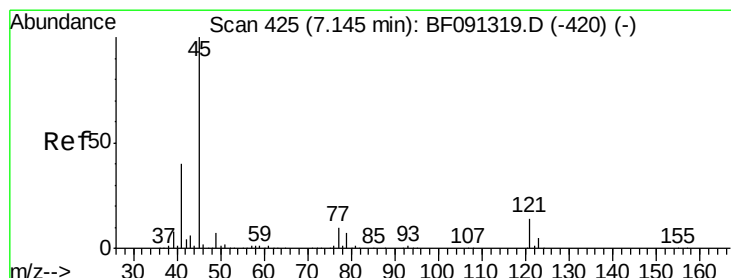
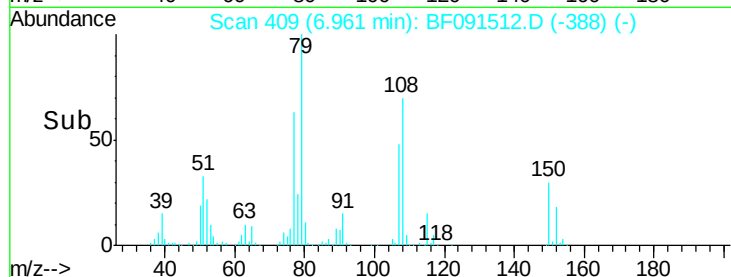
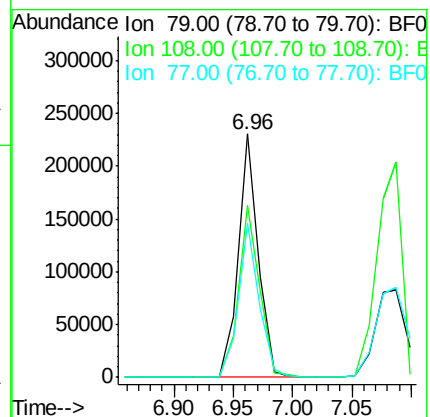
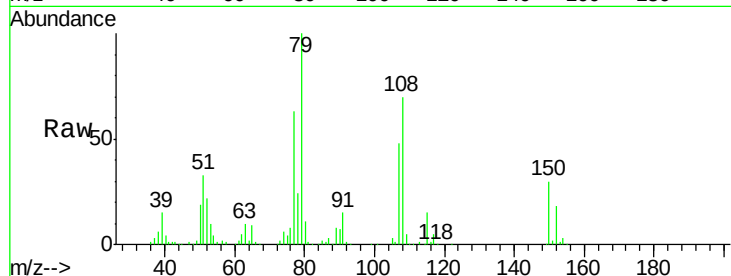
Tgt Ion: 79 Resp: 269484

Ion Ratio Lower Upper

79 100

108 70.5 62.7 94.1

77 63.4 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.82 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

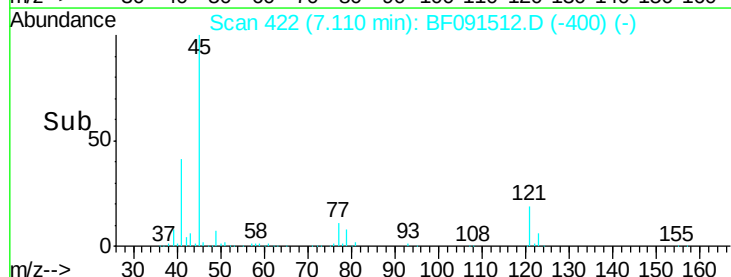
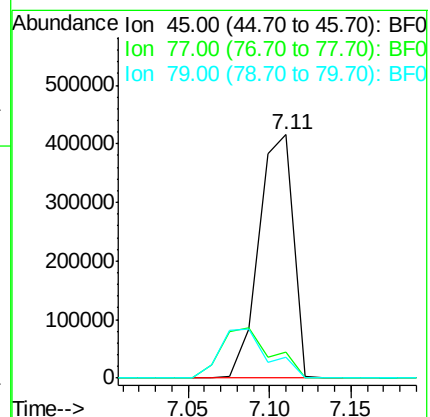
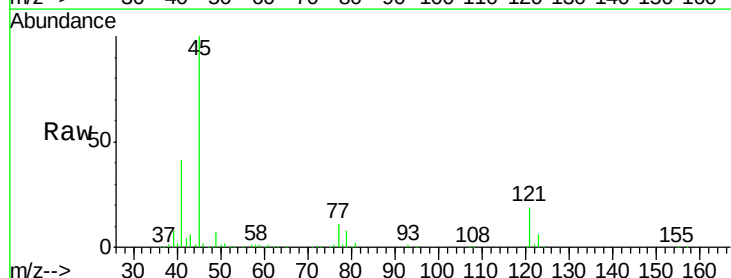
Tgt Ion: 45 Resp: 609135

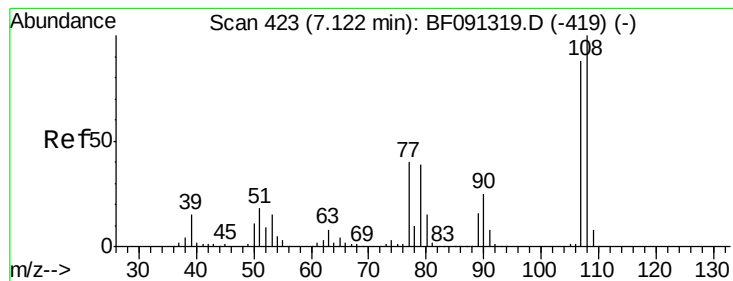
Ion Ratio Lower Upper

45 100

77 10.7 3.8 43.8

79 8.4 0.2 40.2





#17

2-Methylphenol

Concen: 28.64 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.04 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tgt Ion:107 Resp: 263175

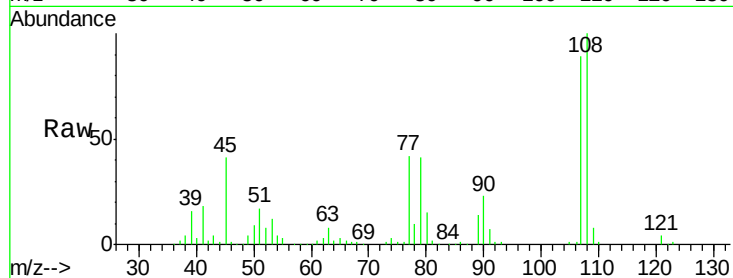
Ion Ratio Lower Upper

107 100

108 112.0 67.7 101.5#

77 46.8 40.7 61.1

79 45.4 23.4 35.2#

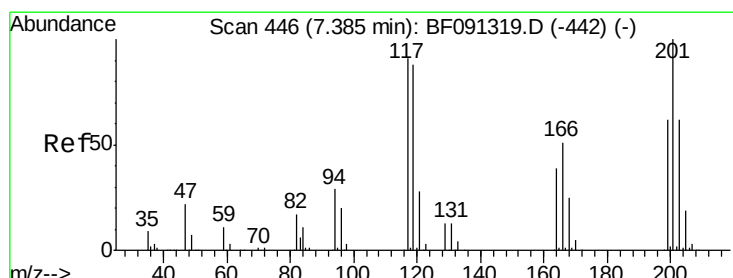
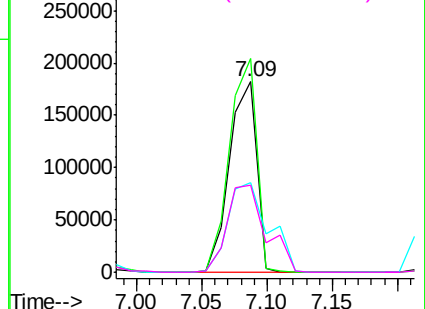
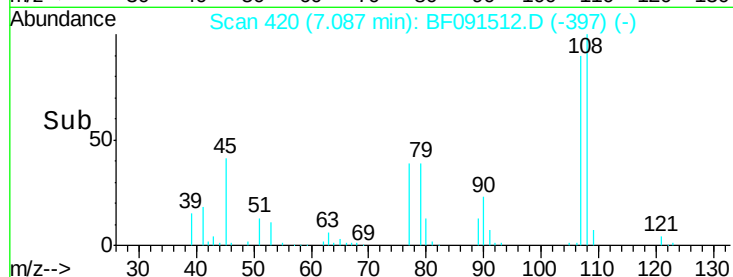


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.27 ng

RT: 7.34 min Scan# 442

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

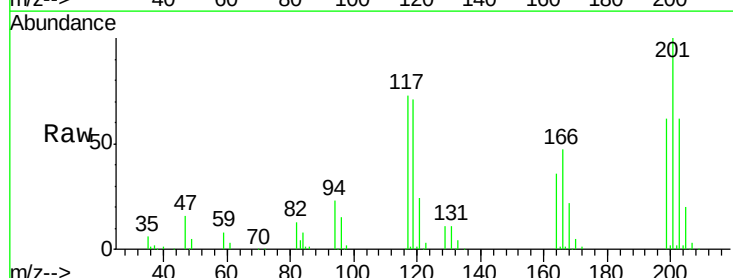
Tgt Ion:117 Resp: 124550

Ion Ratio Lower Upper

117 100

119 97.2 78.6 118.0

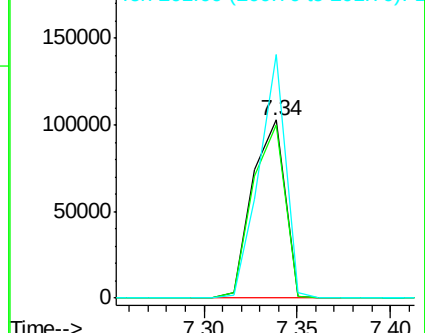
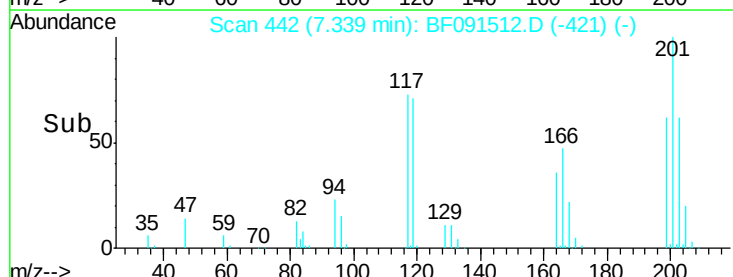
201 136.6 86.7 130.1#

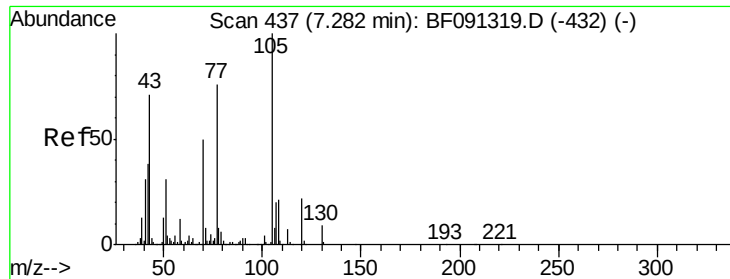


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

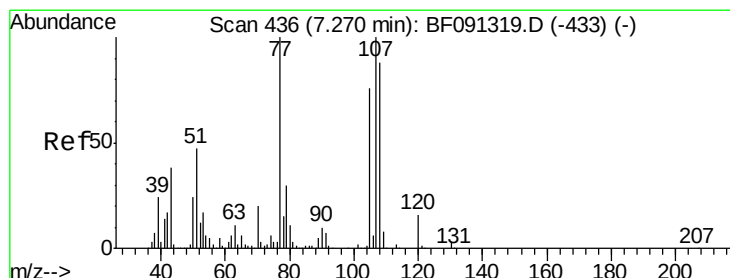
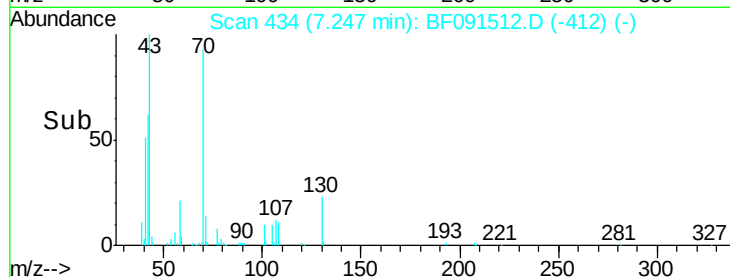
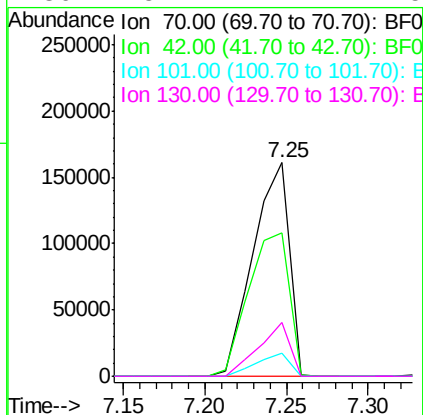
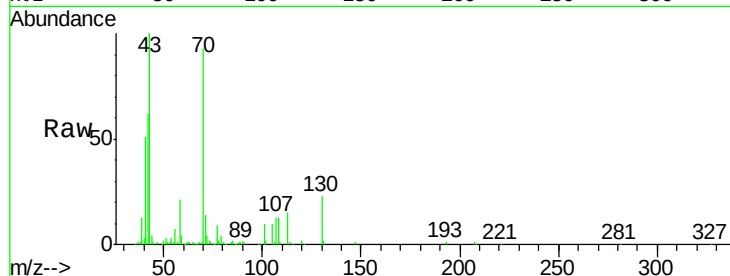




#19
n-Nitroso-di-n-propylamine
Concen: 30.19 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

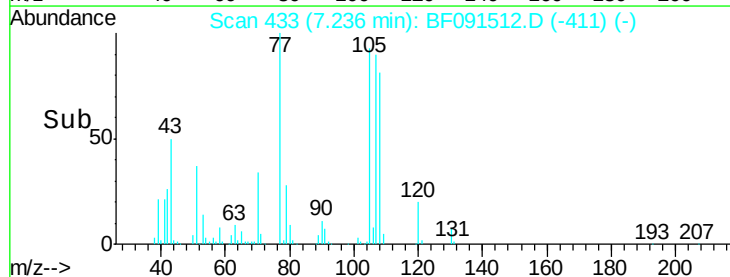
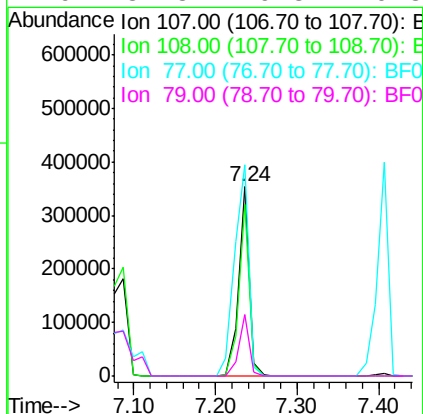
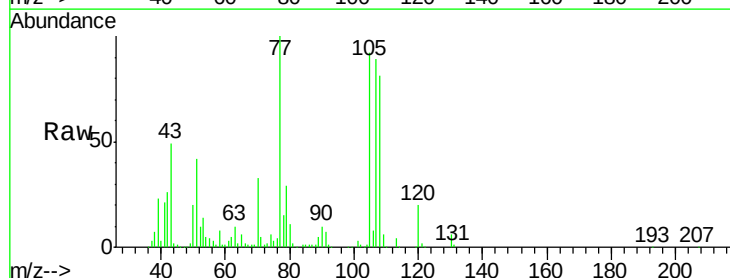
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

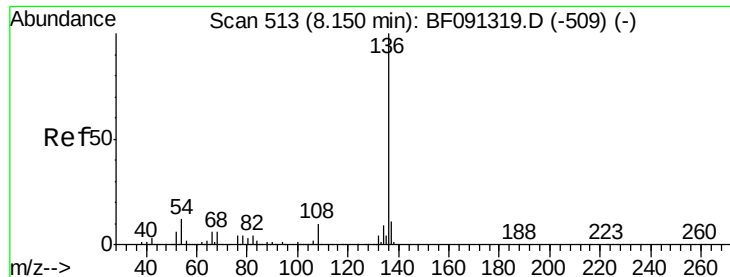
Tgt Ion: 70 Resp: 248224
Ion Ratio Lower Upper
70 100
42 67.0 64.8 97.2
101 10.7 6.2 9.4#
130 25.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: 28.79 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion: 107 Resp: 322965
Ion Ratio Lower Upper
107 100
108 90.5 64.6 104.6
77 112.1 30.9 70.9#
79 32.8 9.3 49.3

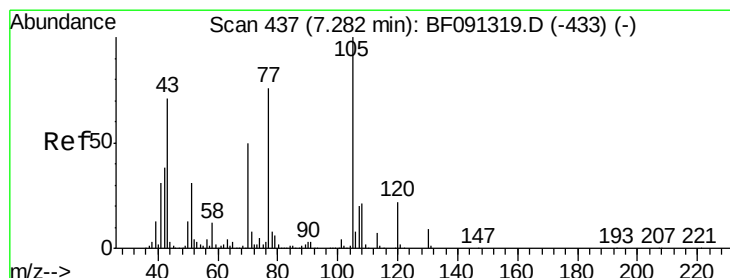
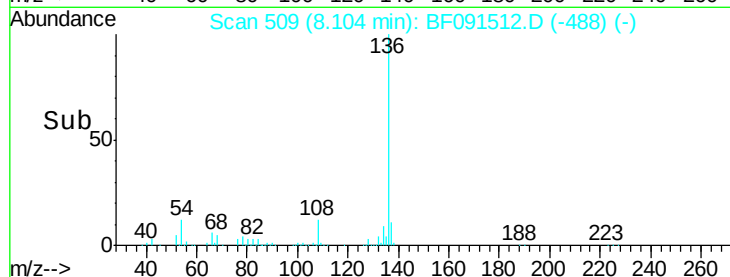
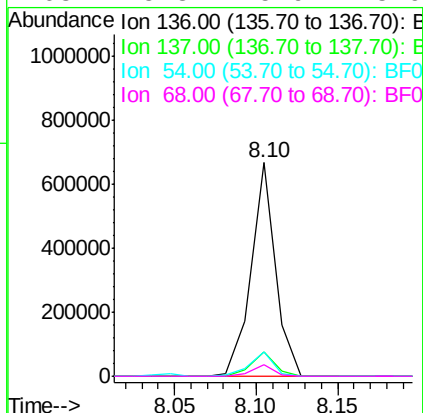
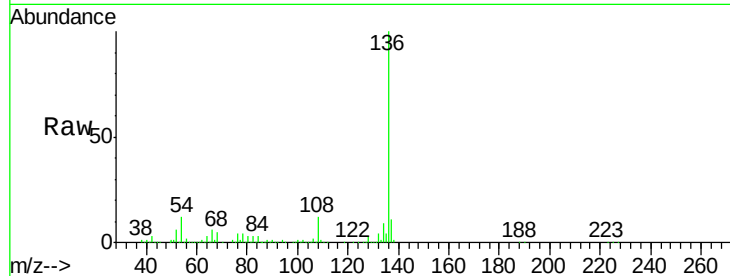




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

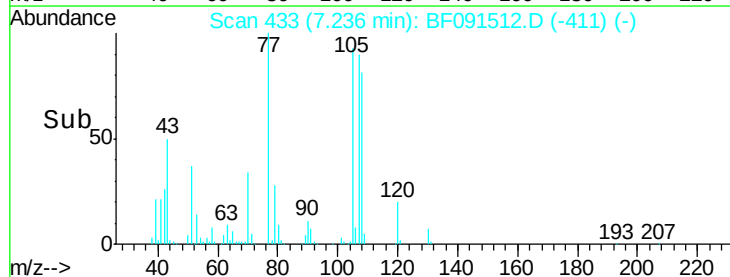
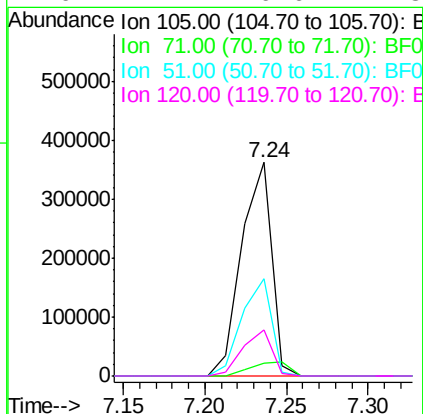
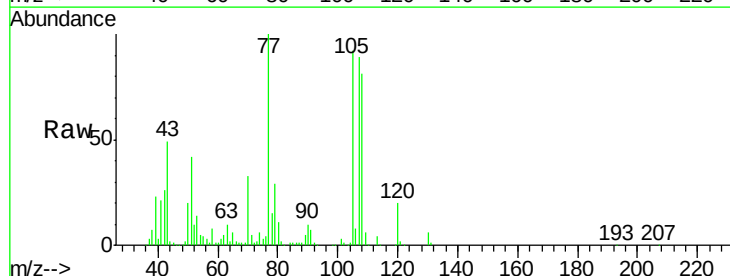
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

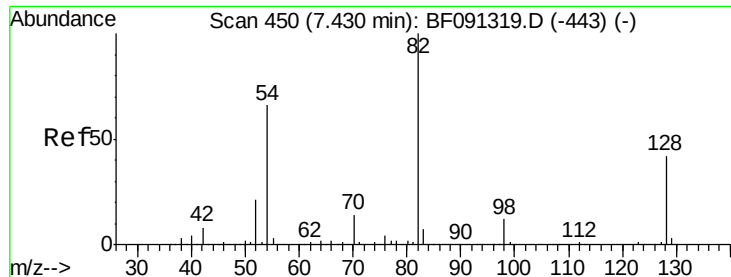
Tgt Ion:	136	Resp:	692513
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	11.5	9.1	13.7
68	5.3	5.9	8.9#



#22
Acetophenone
Concen: 28.09 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion:	105	Resp:	461091
Ion Ratio	Lower	Upper	
105	100		
71	5.8	7.9	11.9#
51	45.8	24.5	36.7#
120	21.4	16.6	24.8

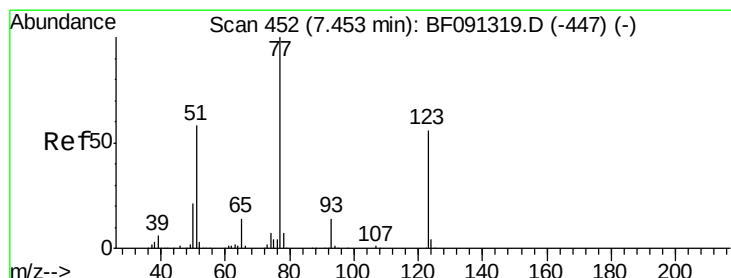
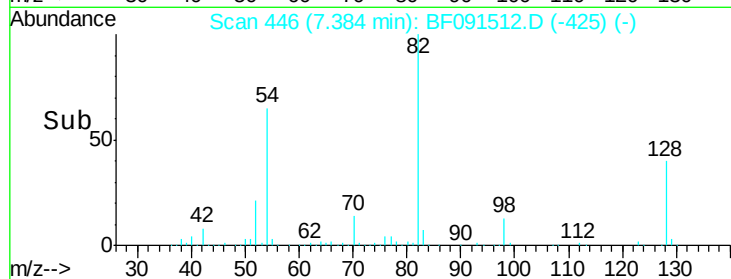
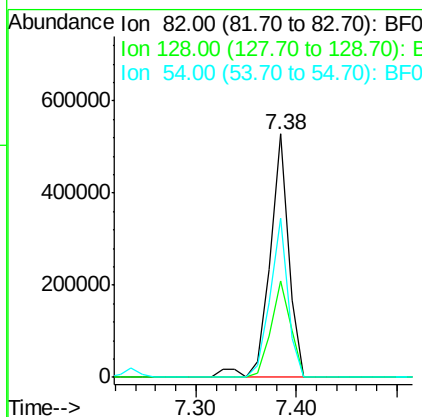
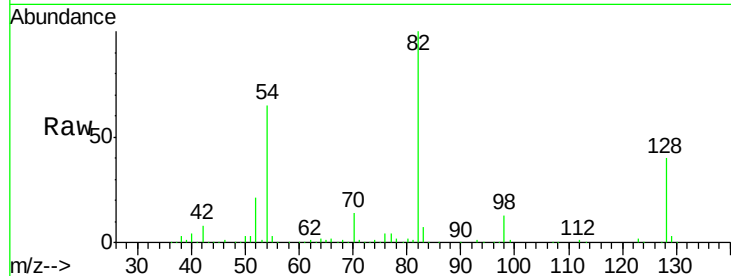




#23
Nitrobenzene-d5
Concen: 55.73 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

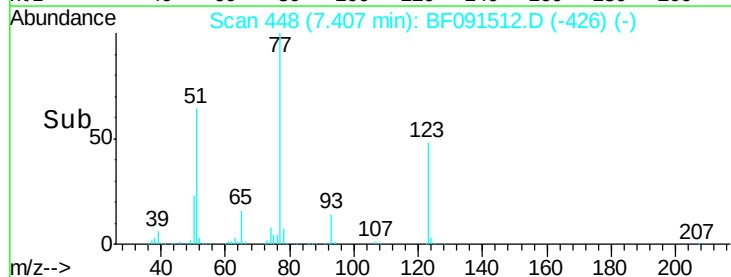
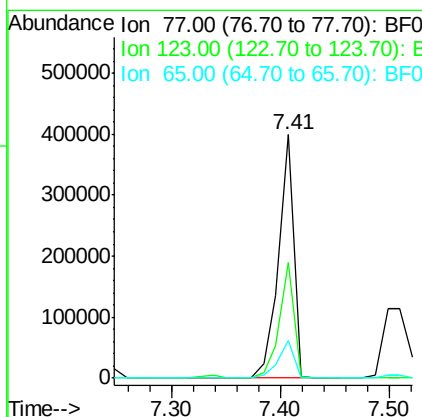
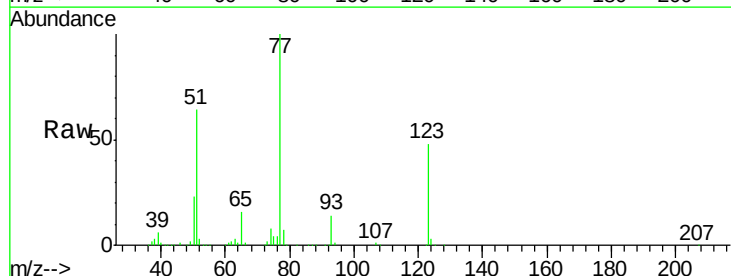
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

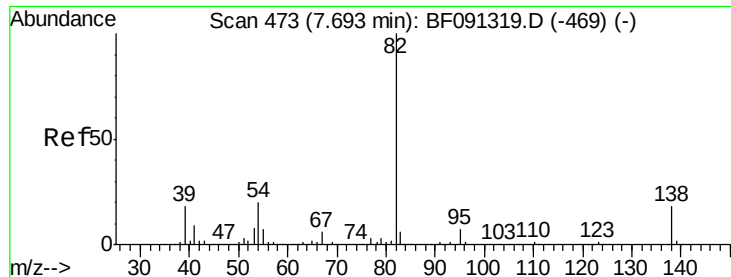
Tgt Ion: 82 Resp: 688701
Ion Ratio Lower Upper
82 100
128 39.7 31.8 47.6
54 65.4 49.1 73.7



#24
Nitrobenzene
Concen: 30.53 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion: 77 Resp: 386240
Ion Ratio Lower Upper
77 100
123 47.7 28.5 42.7#
65 15.6 12.5 18.7





#25

Isophorone

Concen: 29.00 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

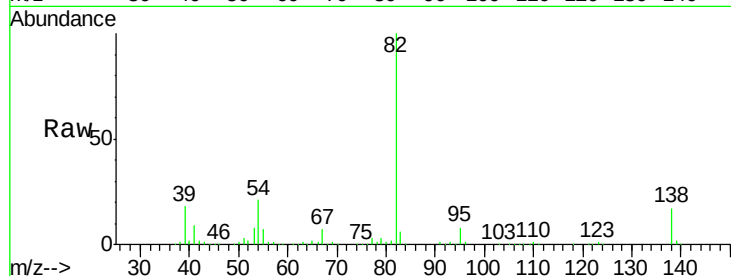
Tgt Ion: 82 Resp: 634802

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

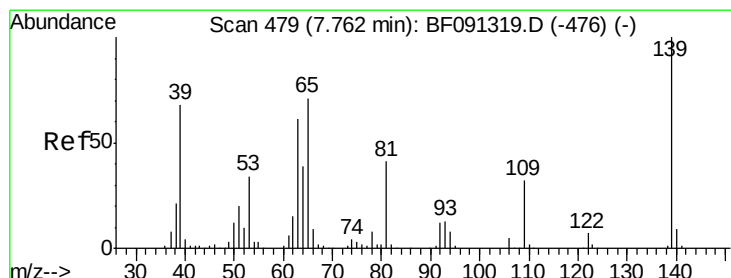
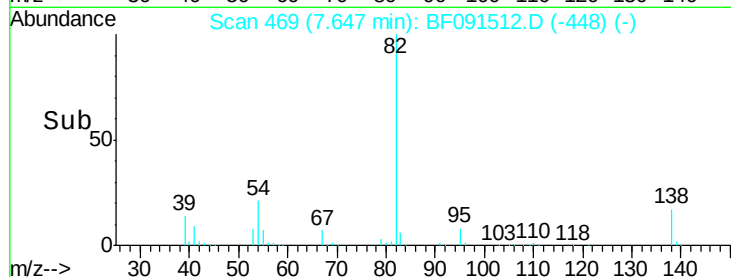
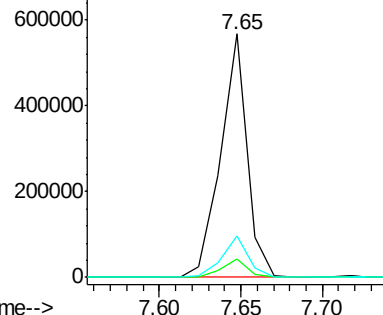
138 16.8 13.4 20.0



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: 28.44 ng

RT: 7.72 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

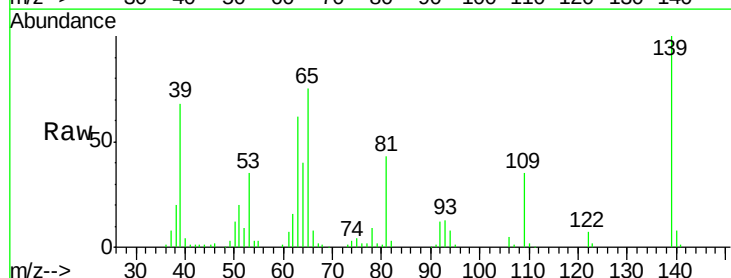
Tgt Ion: 139 Resp: 163976

Ion Ratio Lower Upper

139 100

109 34.7 25.3 37.9

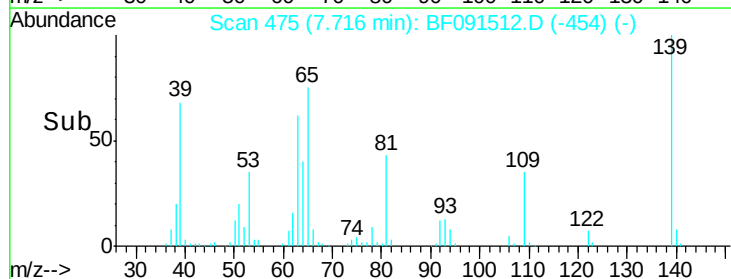
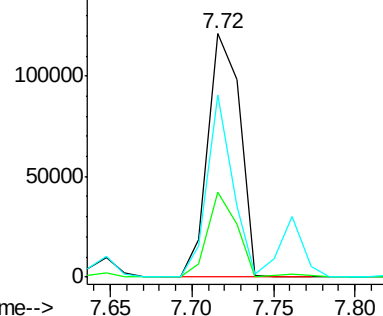
65 74.8 55.4 83.2

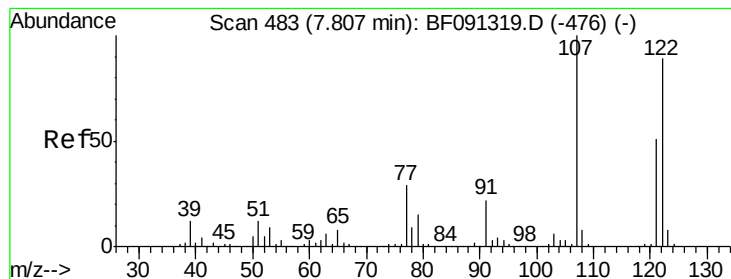


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

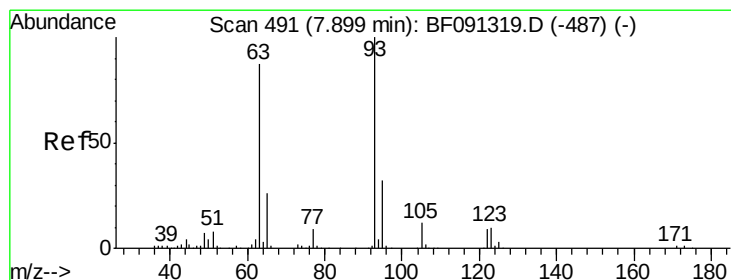
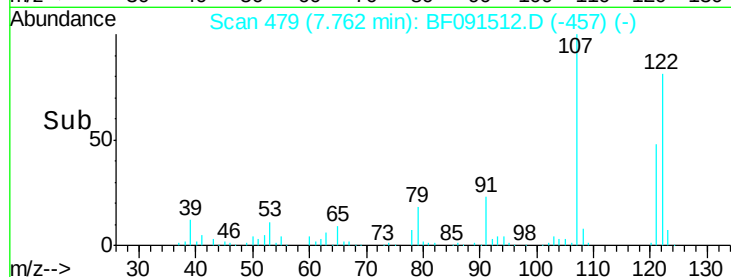
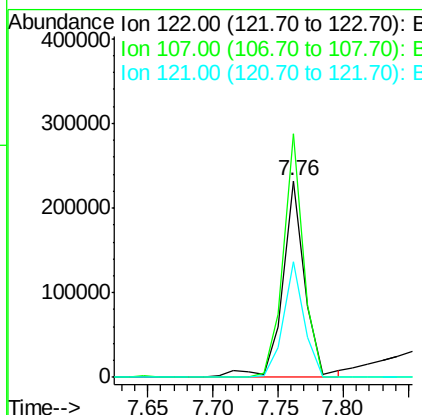
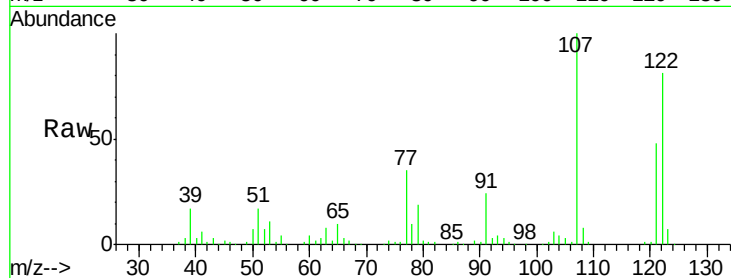




#27
 2,4-Dimethylphenol
 Concen: 25.80 ng
 RT: 7.76 min Scan# 479
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

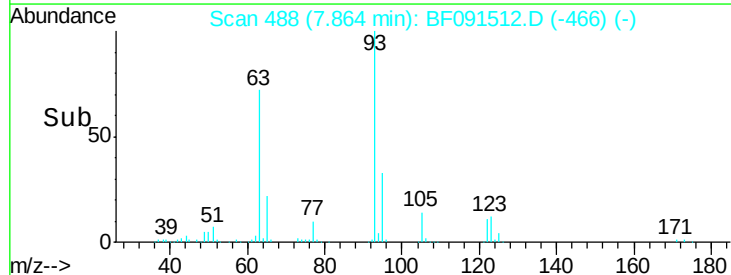
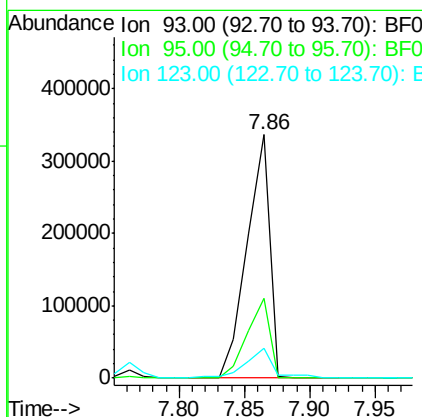
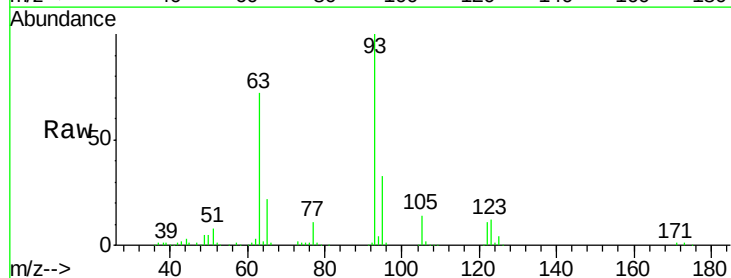
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

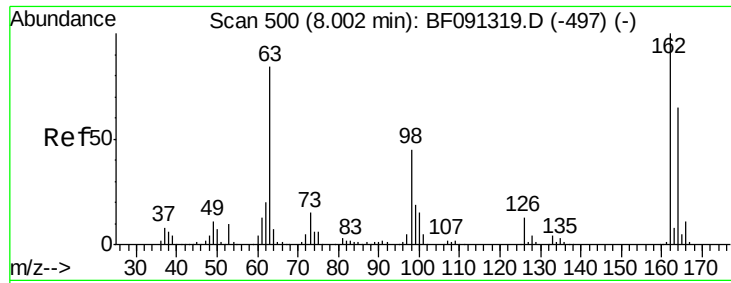
Tgt Ion: 122 Resp: 278311
 Ion Ratio Lower Upper
 122 100
 107 123.8 96.8 145.2
 121 59.0 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.94 ng
 RT: 7.86 min Scan# 488
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion: 93 Resp: 407739
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 12.4 8.6 12.8

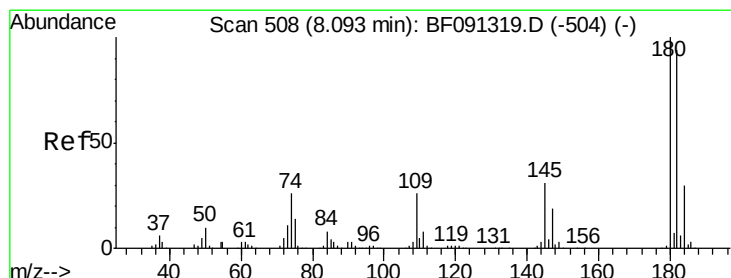
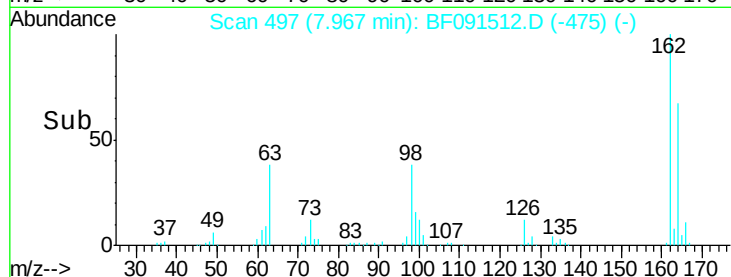
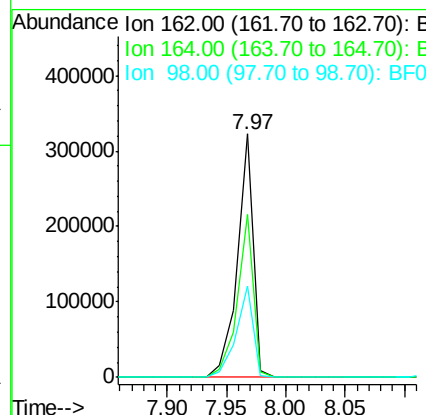
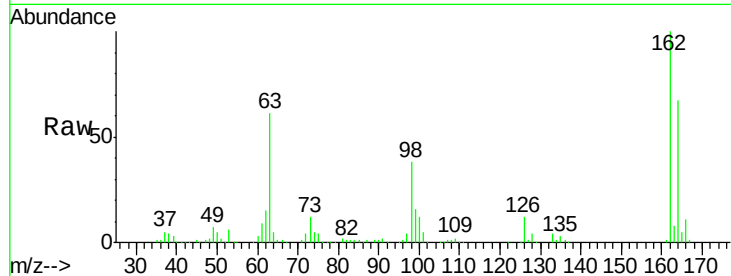




#29
 2,4-Dichlorophenol
 Concen: 31.66 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

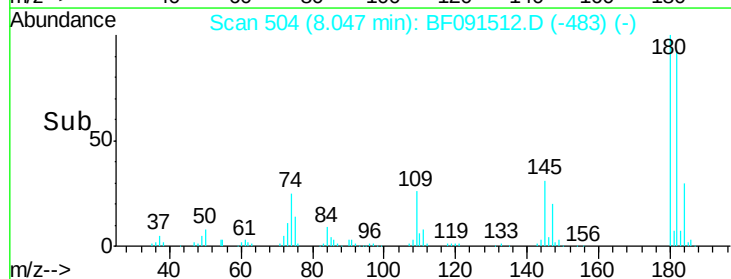
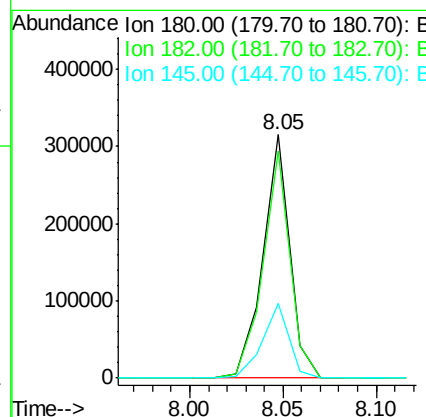
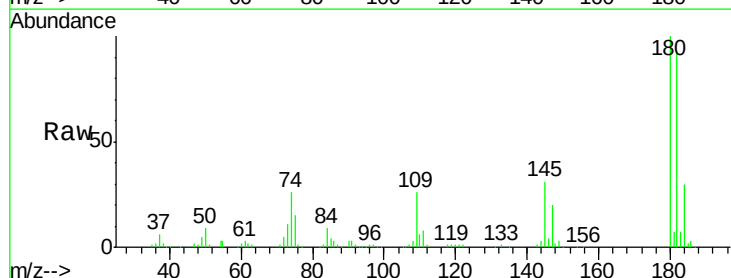
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

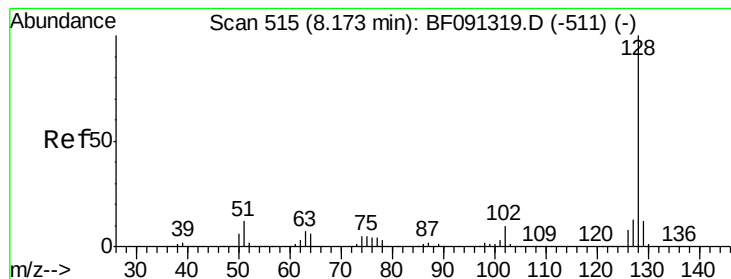
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.1	45.0	85.0
98	37.8	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 29.31 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.8
145	30.6	27.0	40.4





#31

Naphthalene

Concen: 27.35 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

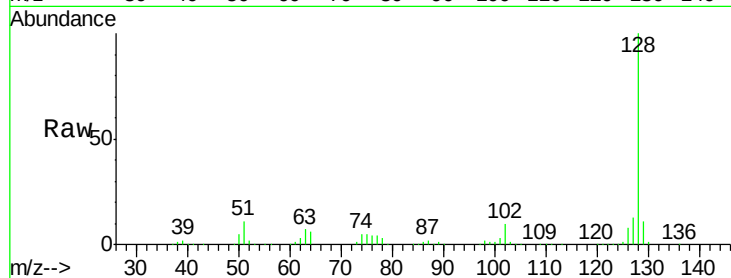
Tgt Ion:128 Resp: 900289

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

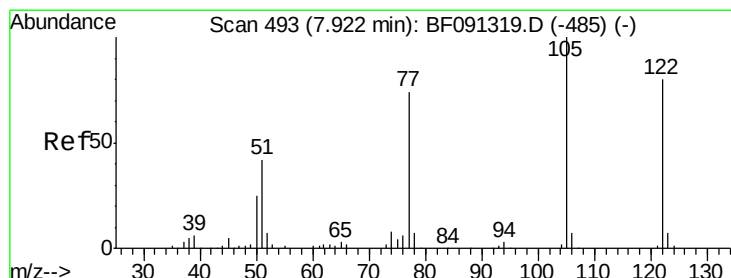
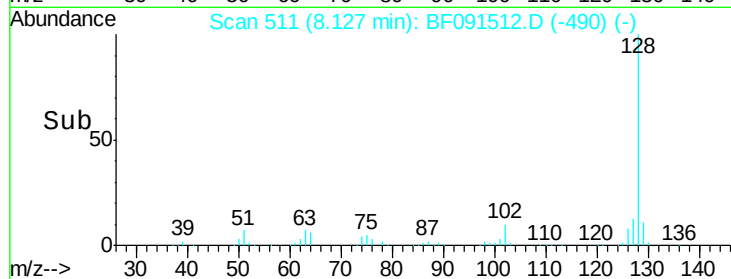
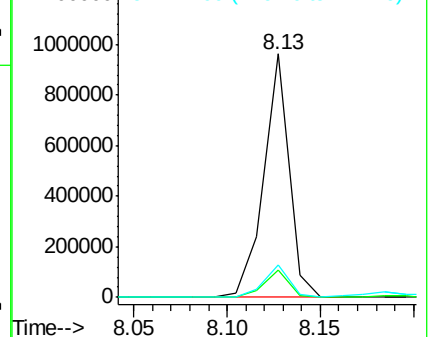
127 13.5 11.0 16.4



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: 26.59 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

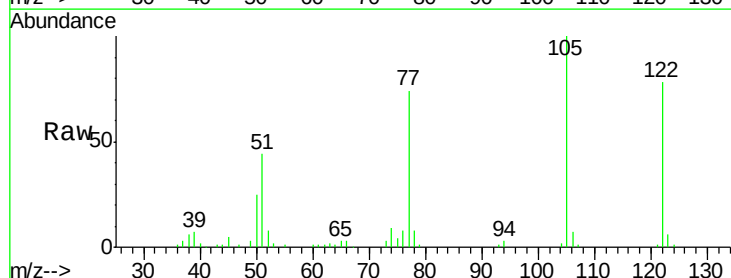
Tgt Ion:122 Resp: 211390

Ion Ratio Lower Upper

122 100

105 128.0 113.0 153.0

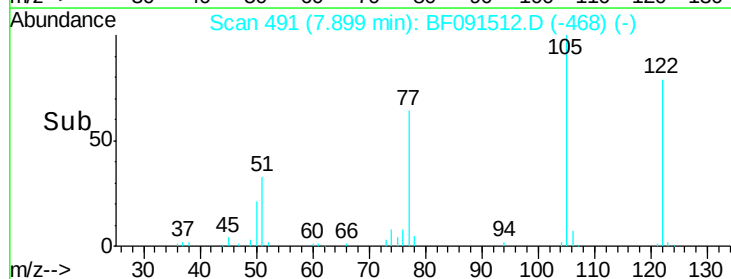
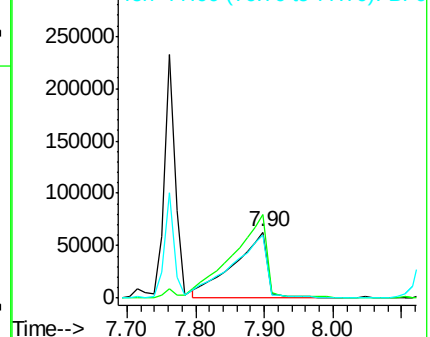
77 95.2 82.0 122.0

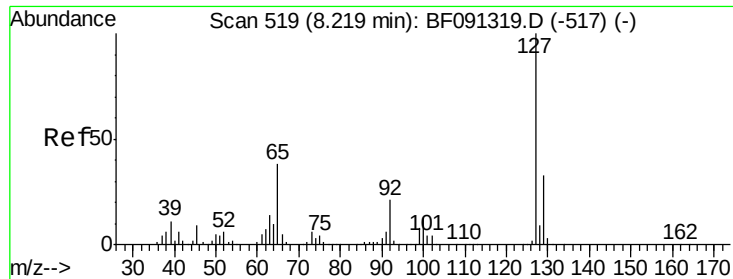


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

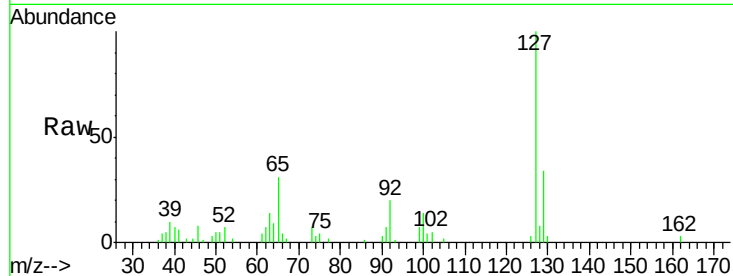




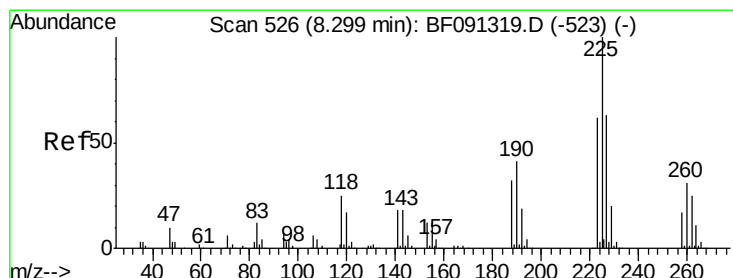
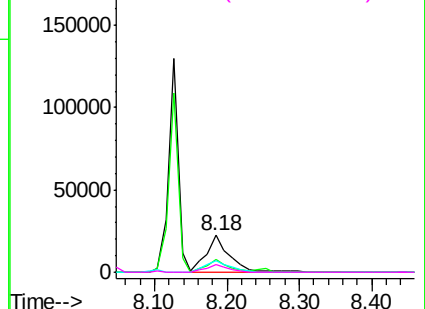
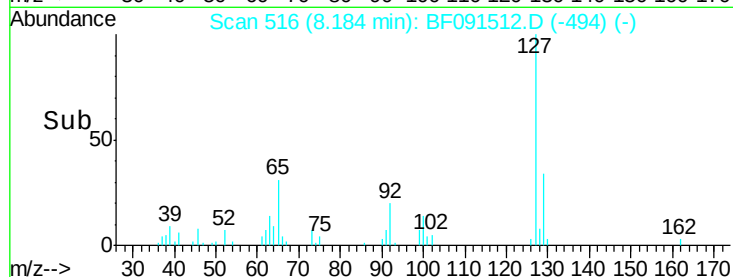
#33
4-Chloroaniline
Concen: 3.55 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tgt Ion:	127	Resp:	49972
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.2	39.4
65	30.9	26.6	39.8
92	20.4	15.4	23.0

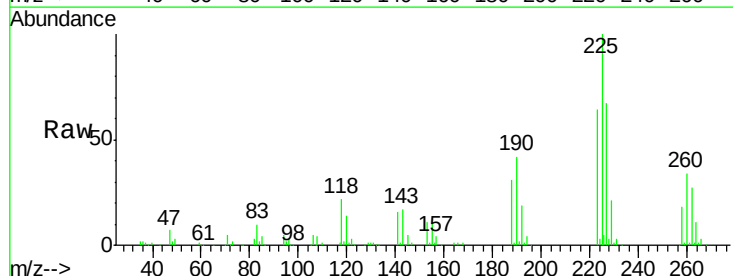


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

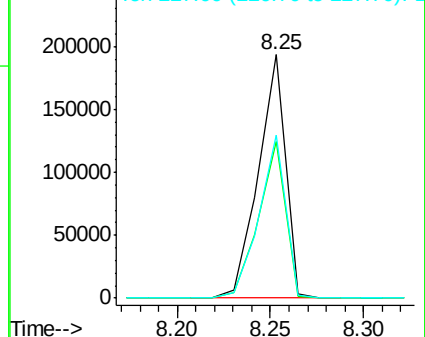
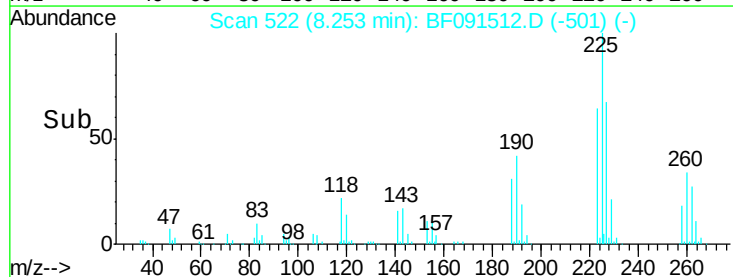


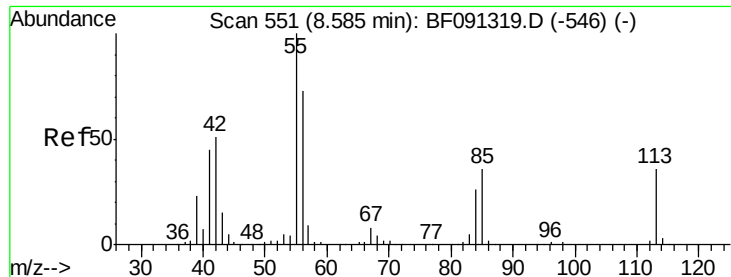
#34
Hexachlorobutadiene
Concen: 29.61 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion:	225	Resp:	193692
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.6
227	66.8	52.6	79.0



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

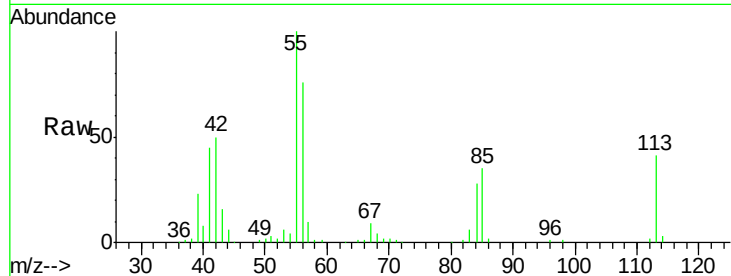




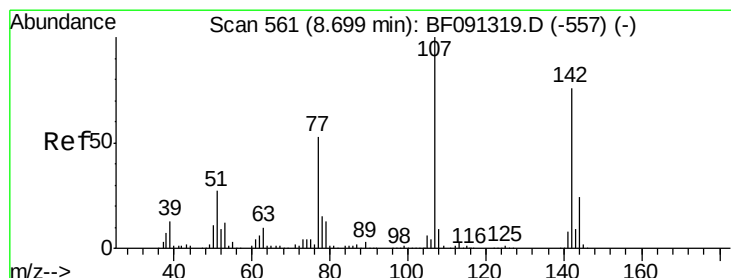
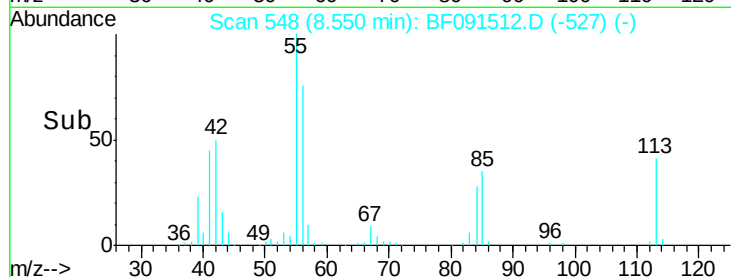
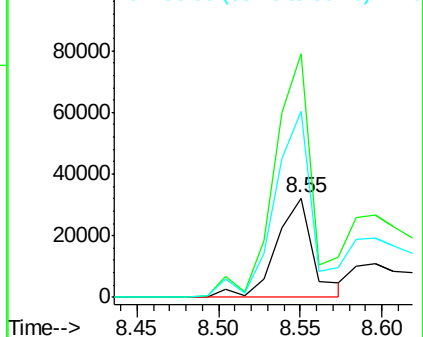
#35
 Caprolactam
 Concen: 18.66 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion:113 Resp: 50898
 Ion Ratio Lower Upper
 113 100
 55 245.3 239.8 279.8
 56 187.5 165.6 205.6

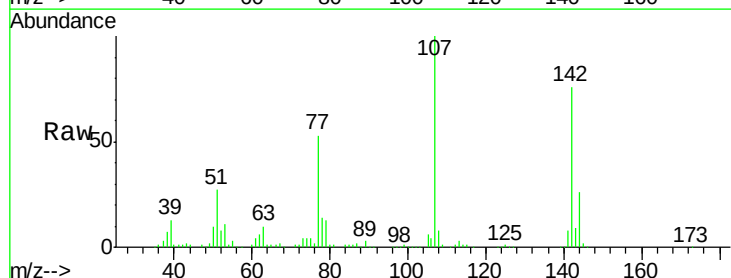


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

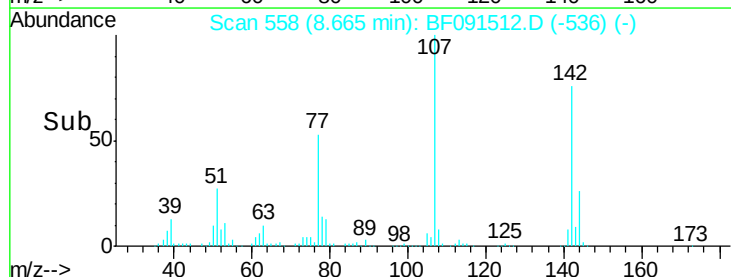
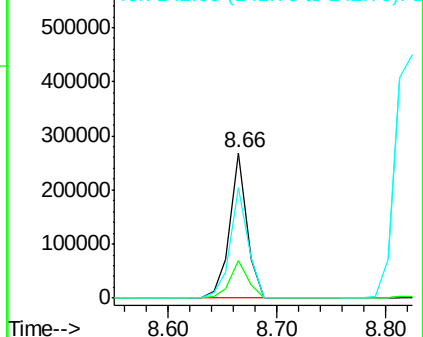


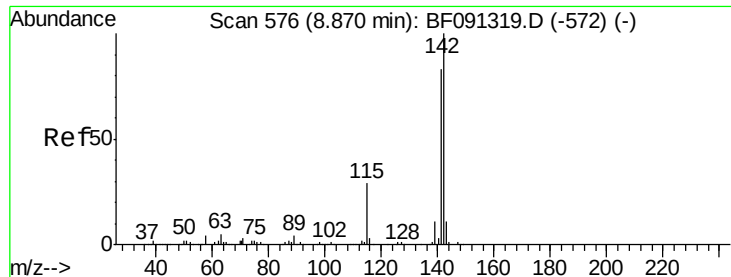
#36
 4-Chloro-3-methylphenol
 Concen: 28.42 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:107 Resp: 291153
 Ion Ratio Lower Upper
 107 100
 144 25.5 18.9 28.3
 142 76.4 58.5 87.7



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





#37

2-Methylnaphthalene

Concen: 28.62 ng

RT: 8.82 min Scan# 572

Delta R.T. -0.05 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

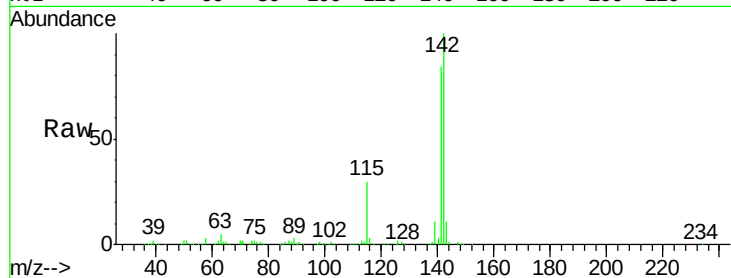
Tgt Ion:142 Resp: 639888

Ion Ratio Lower Upper

142 100

141 84.3 71.7 107.5

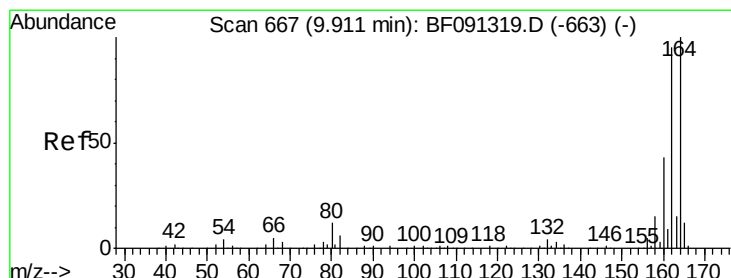
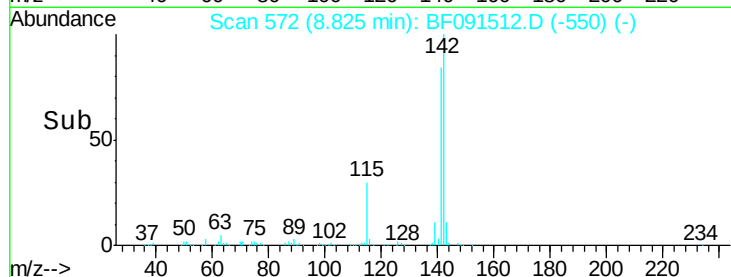
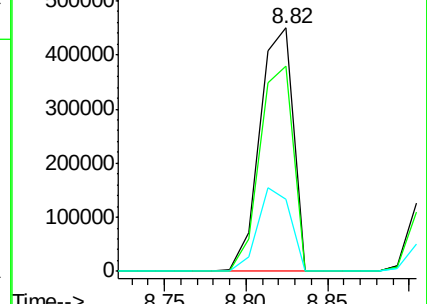
115 29.6 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

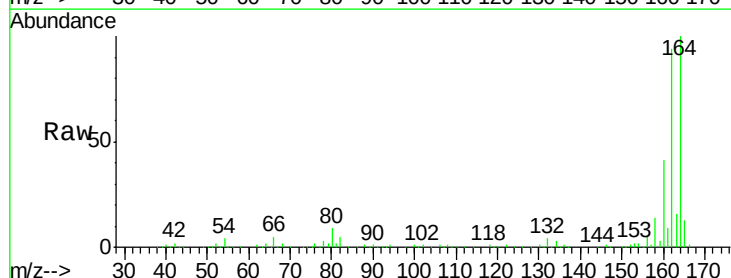
Tgt Ion:164 Resp: 437592

Ion Ratio Lower Upper

164 100

162 94.5 82.6 124.0

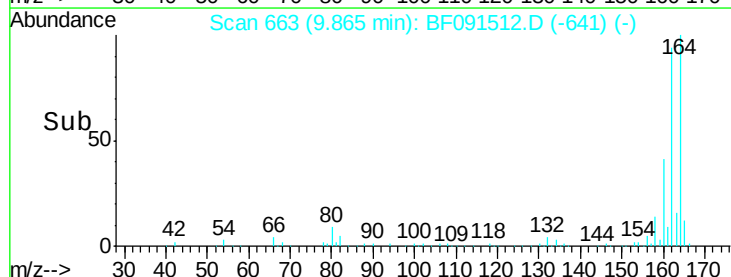
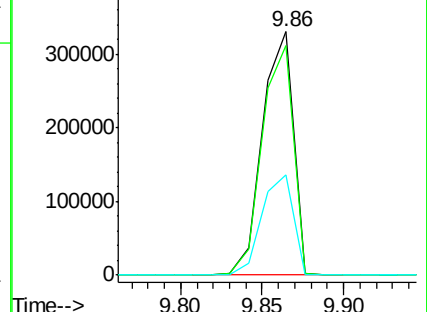
160 41.4 36.7 55.1

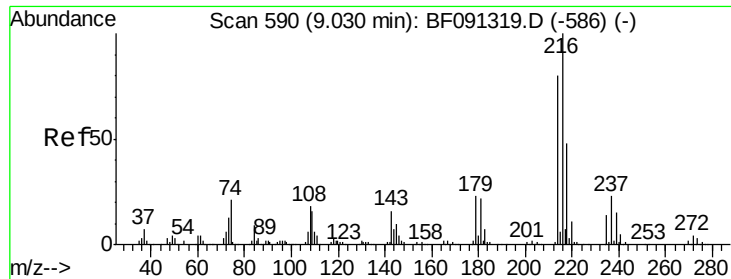


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.64 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tgt Ion:216 Resp: 303945

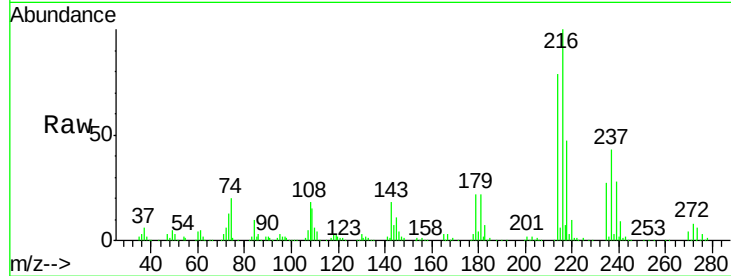
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.8

179 21.6 18.2 27.2

108 20.3 17.2 25.8

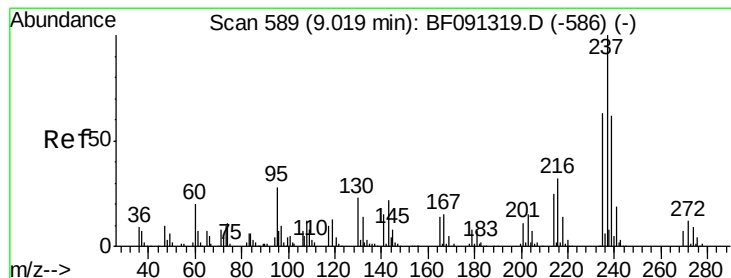
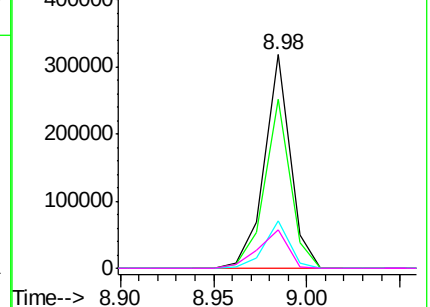
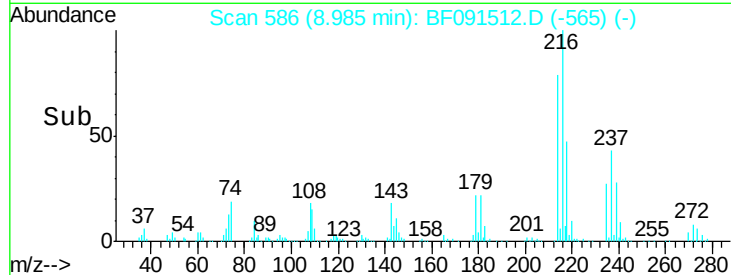


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.27 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

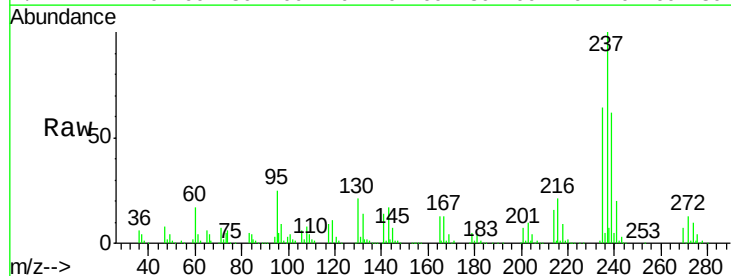
Tgt Ion:237 Resp: 367524

Ion Ratio Lower Upper

237 100

235 63.9 43.9 83.9

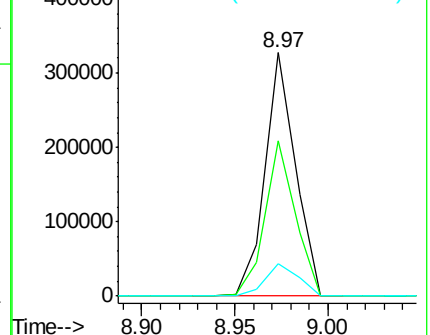
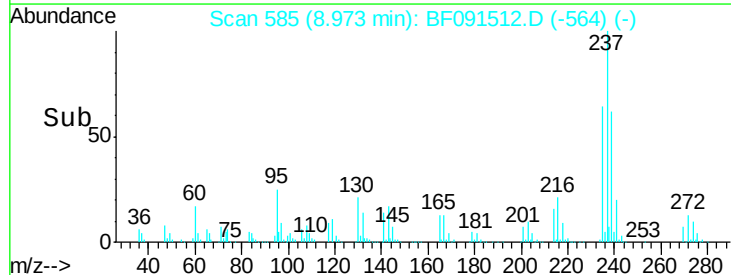
272 13.2 0.0 33.1

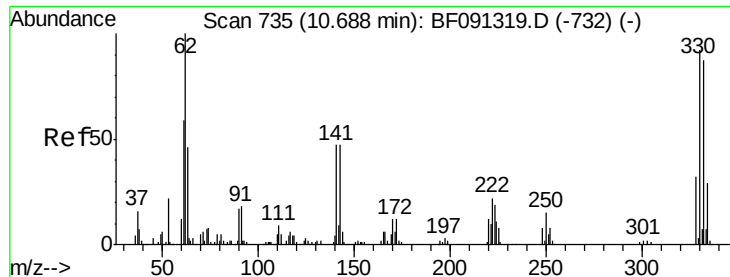


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

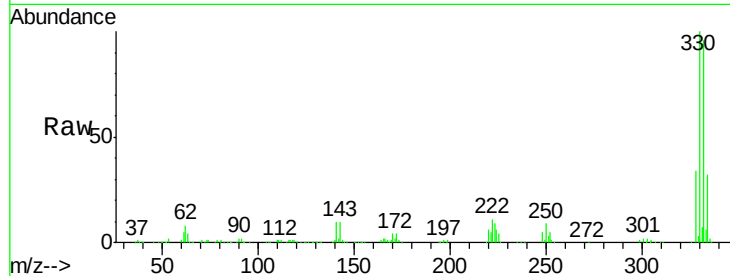




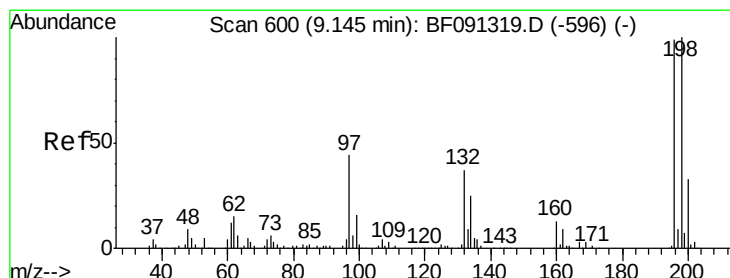
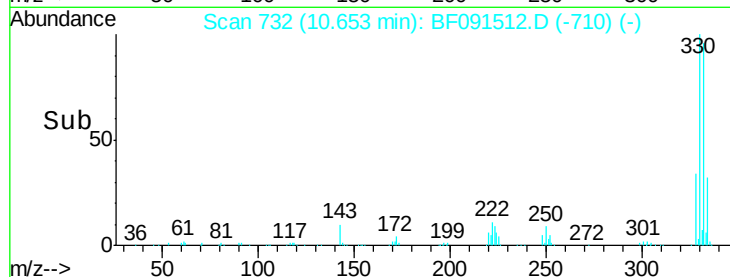
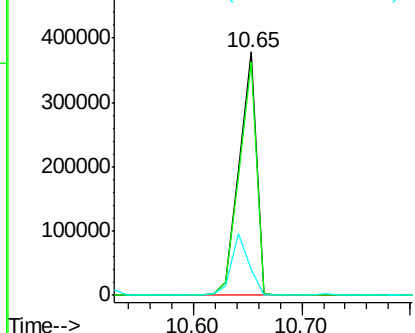
#41
 2,4,6-Tribromophenol
 Concen: 99.68 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion:330 Resp: 412945
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 25.5 33.6 50.4#

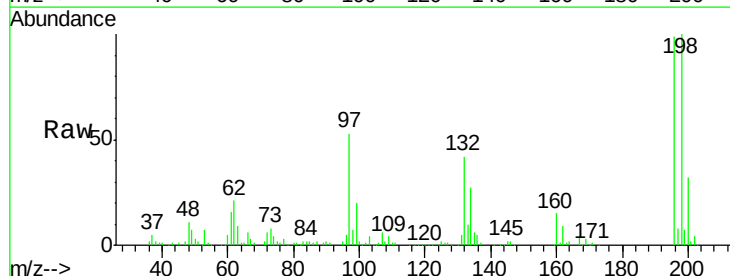


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

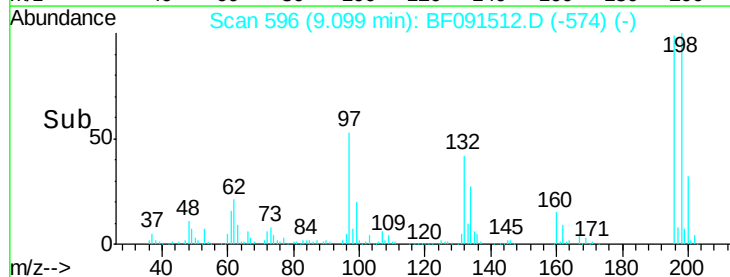
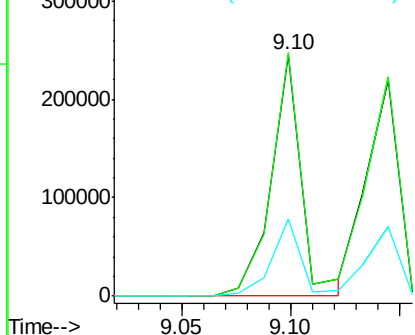


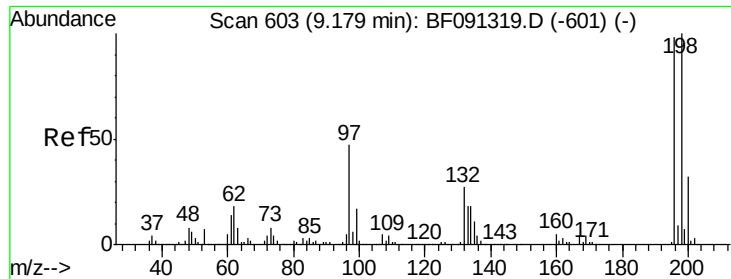
#42
 2,4,6-Trichlorophenol
 Concen: 29.65 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:196 Resp: 237726
 Ion Ratio Lower Upper
 196 100
 198 101.0 77.4 116.0
 200 32.1 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

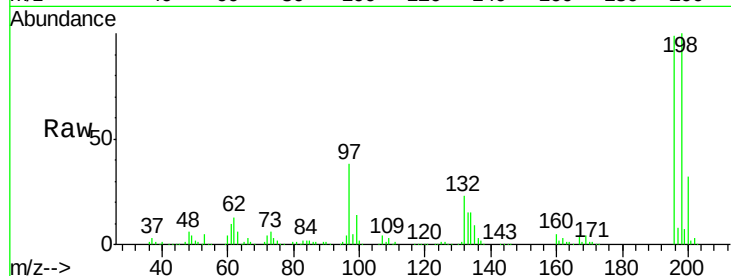




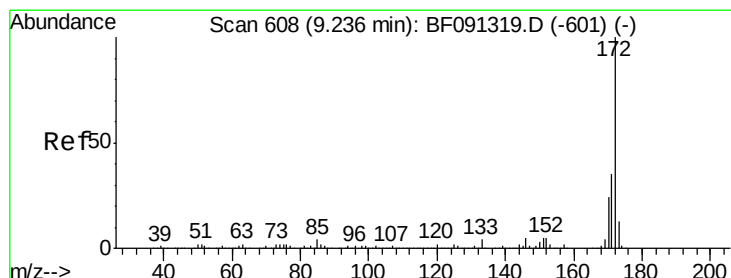
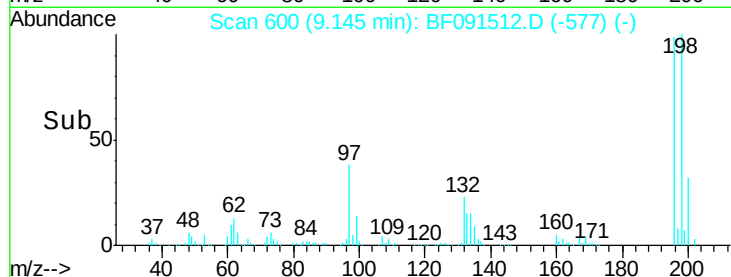
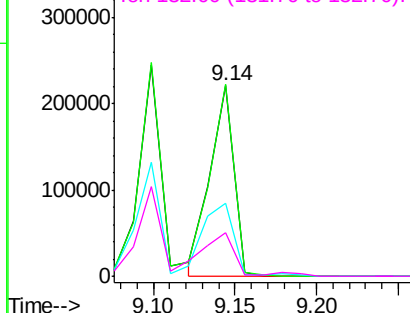
#43
 2,4,5-Trichlorophenol
 Concen: 28.21 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.04 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion:196 Resp: 226679
 Ion Ratio Lower Upper
 196 100
 198 101.2 77.0 115.6
 97 38.3 33.5 50.3
 132 23.2 20.5 30.7

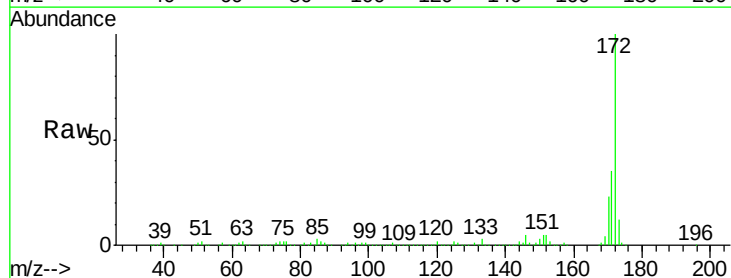


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

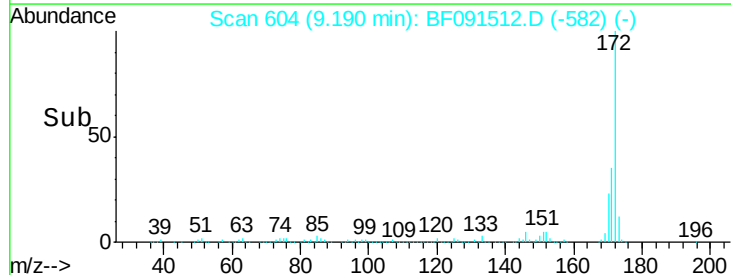
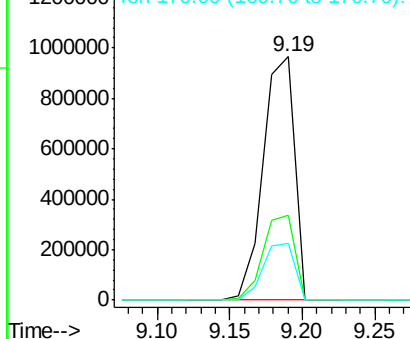


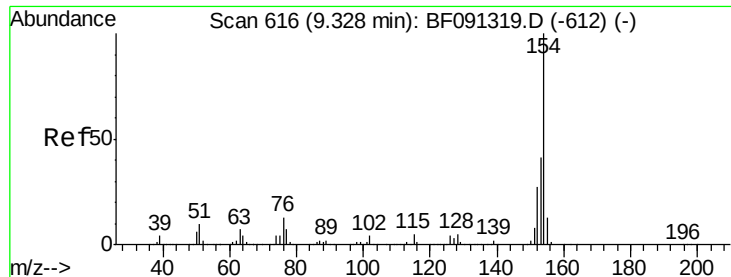
#44
 2-Fluorobiphenyl
 Concen: 59.56 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:172 Resp: 1439450
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 23.3 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

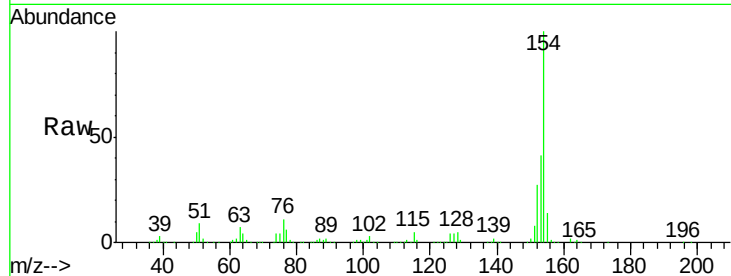




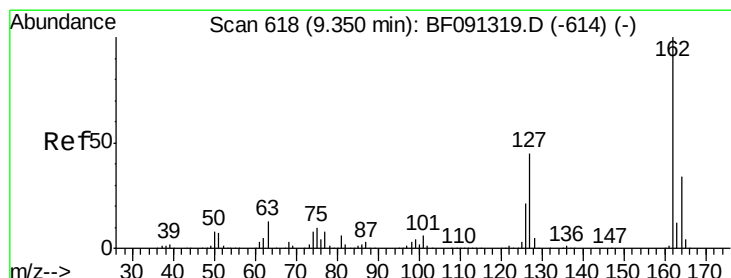
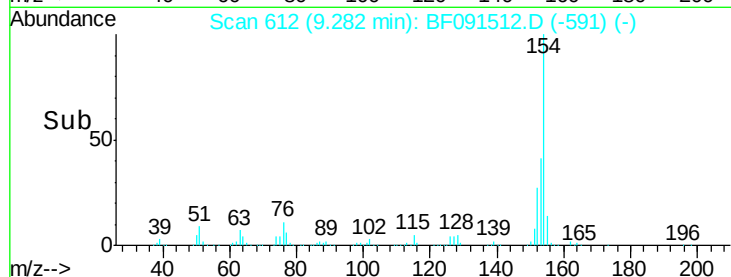
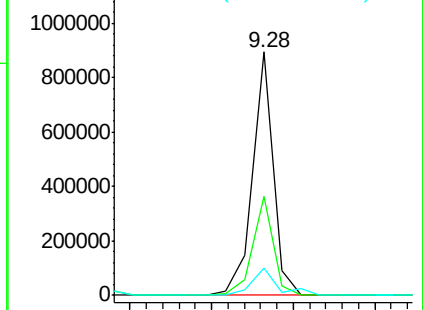
#45
 1,1'-Biphenyl
 Concen: 25.12 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion:	154	Resp:	790271
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	11.4	0.0	36.6

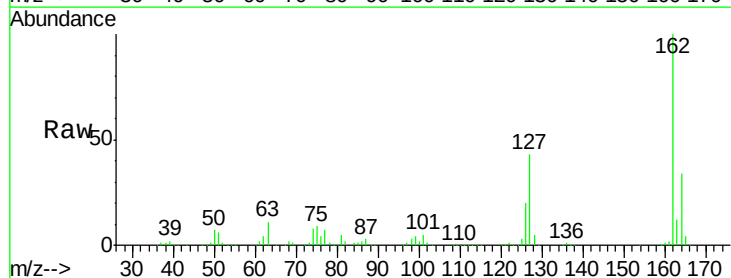


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

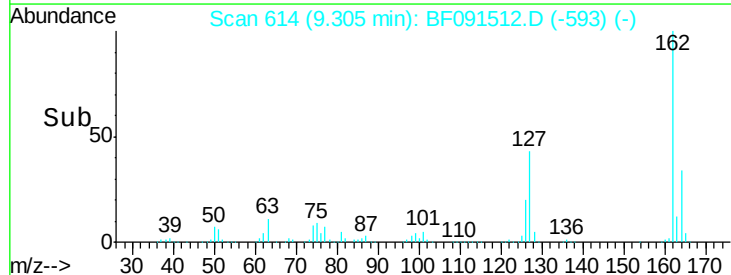
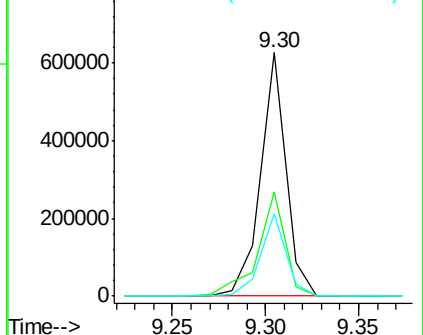


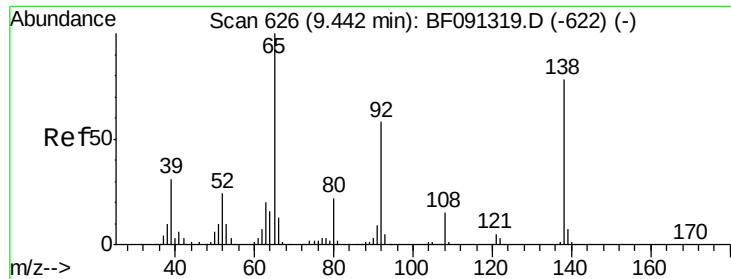
#46
 2-Chloronaphthalene
 Concen: 25.10 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:	162	Resp:	588121
Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.3	51.5
164	33.8	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

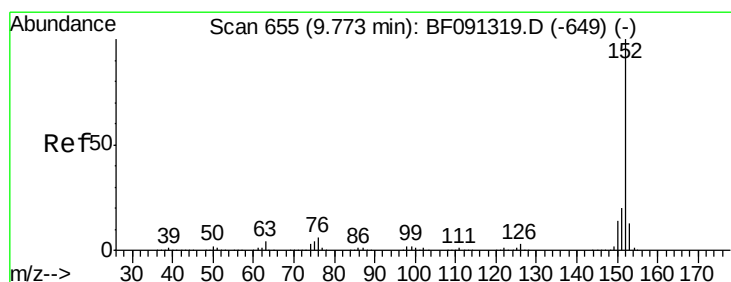
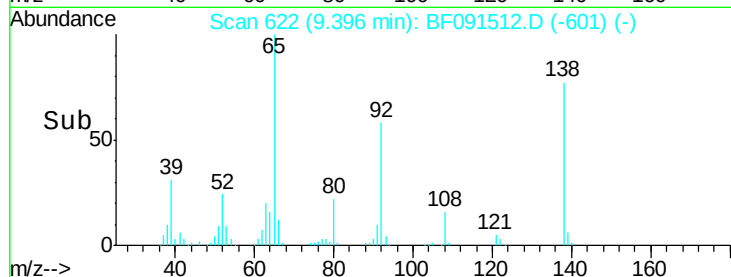
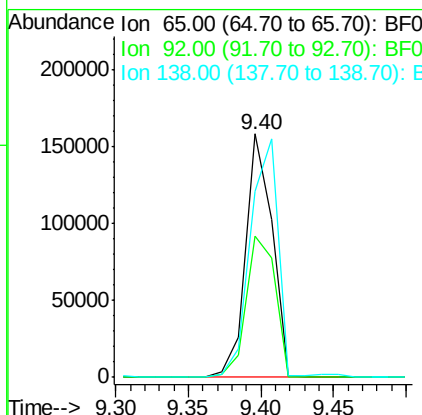
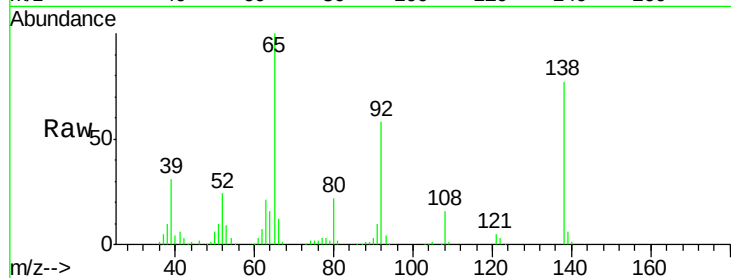




#47
2-Nitroaniline
Concen: 23.75 ng
RT: 9.40 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

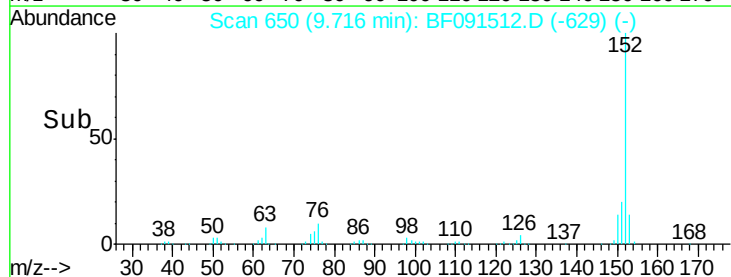
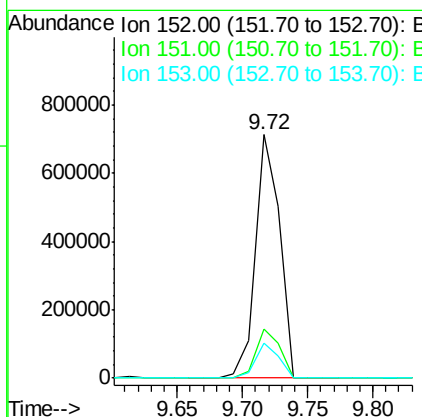
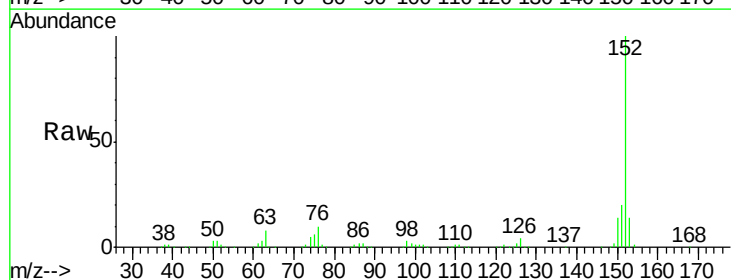
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

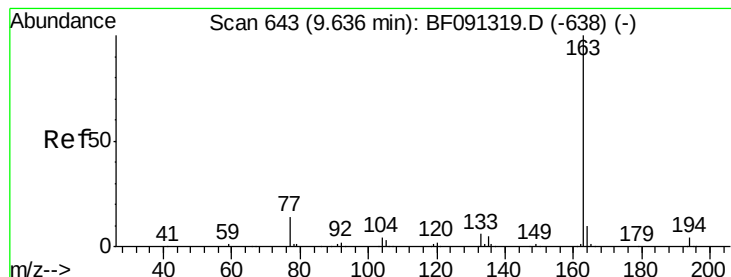
Tgt Ion: 65 Resp: 199855
Ion Ratio Lower Upper
65 100
92 58.2 53.6 80.4
138 76.6 91.0 136.6#



#48
Acenaphthylene
Concen: 24.86 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion: 152 Resp: 917122
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 27.99 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

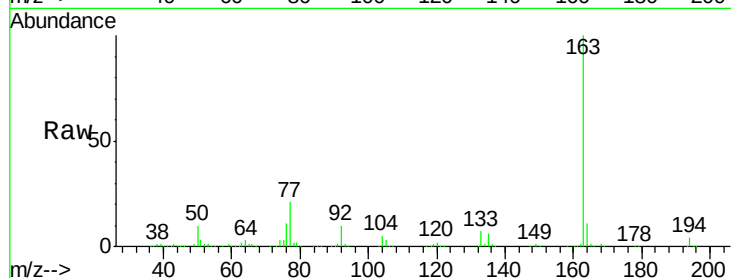
Tgt Ion:163 Resp: 741641

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

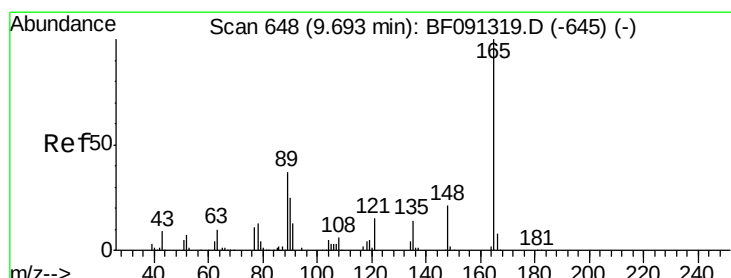
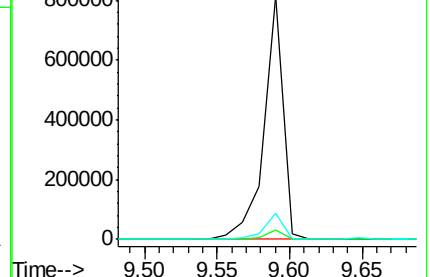
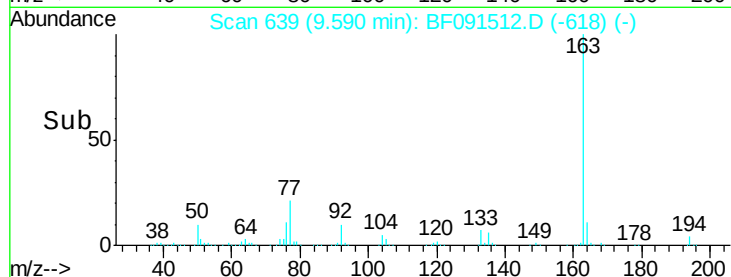
164 10.7 7.8 11.8



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: 30.94 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.05 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

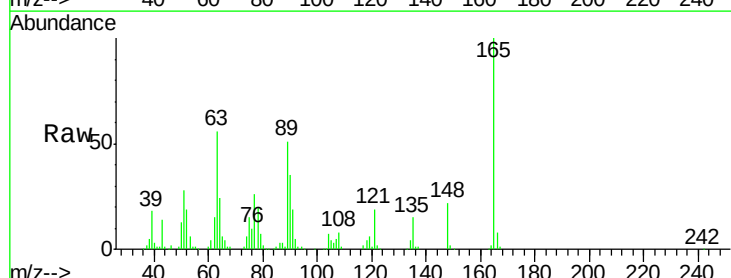
Tgt Ion:165 Resp: 183246

Ion Ratio Lower Upper

165 100

63 56.3 59.4 89.0#

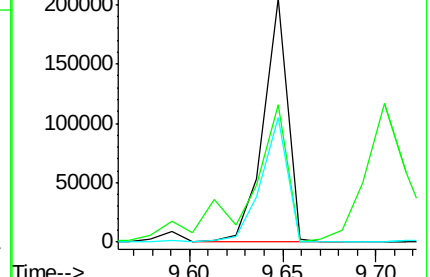
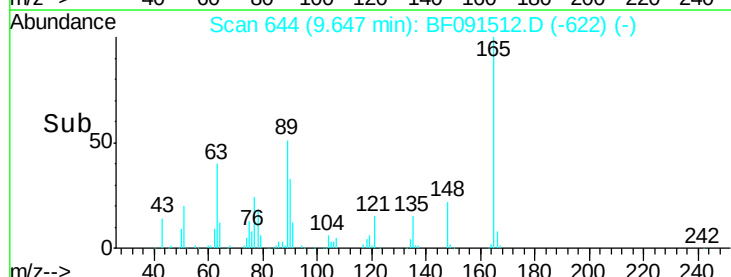
89 51.0 50.8 76.2

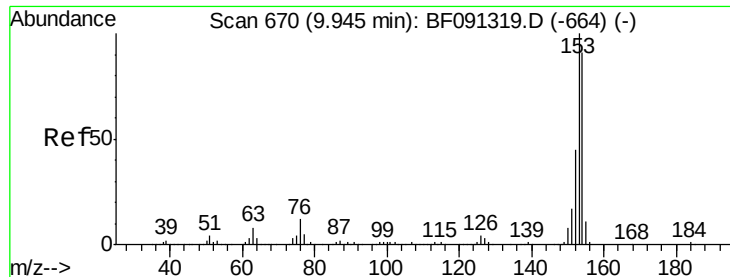


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 28.70 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

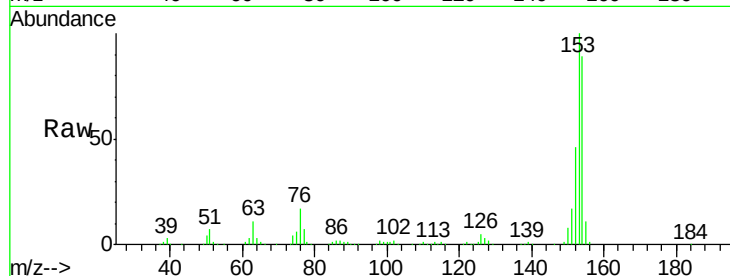
Tgt Ion:154 Resp: 714063

Ion Ratio Lower Upper

154 100

153 112.4 91.0 136.6

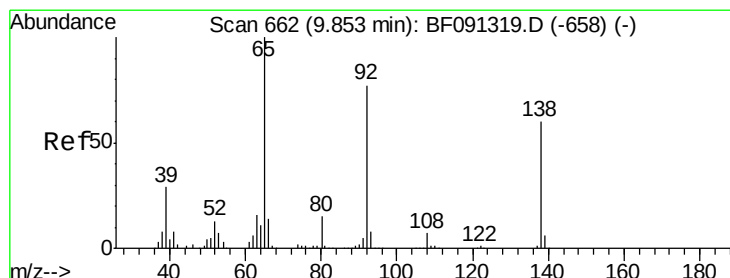
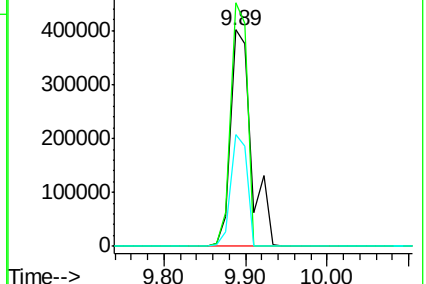
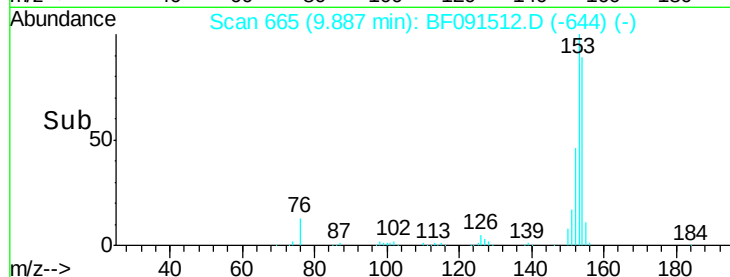
152 51.5 44.2 66.2



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: 11.15 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

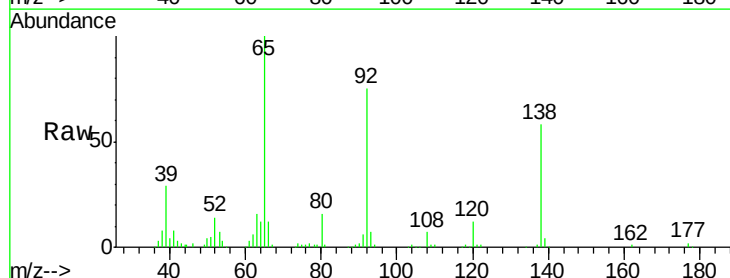
Tgt Ion:138 Resp: 76424

Ion Ratio Lower Upper

138 100

108 11.6 8.1 12.1

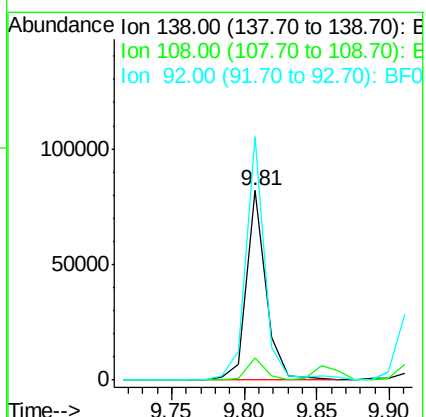
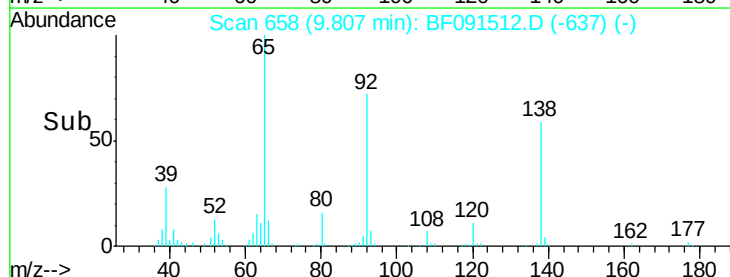
92 128.6 92.5 138.7

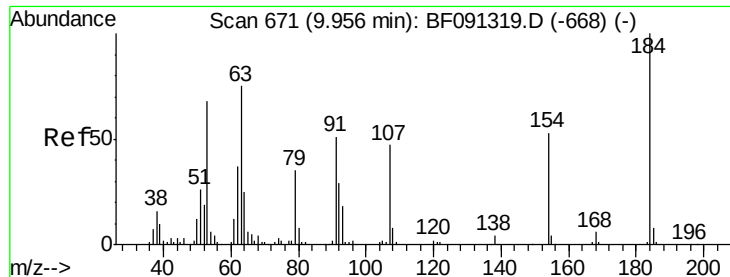


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

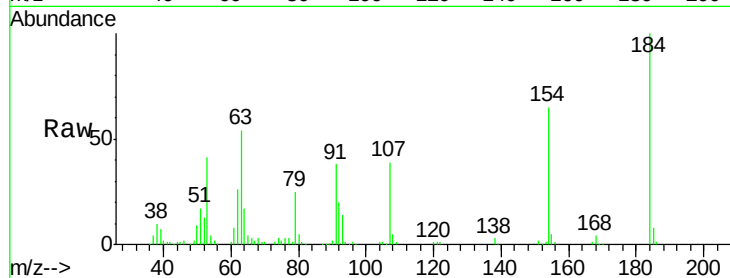




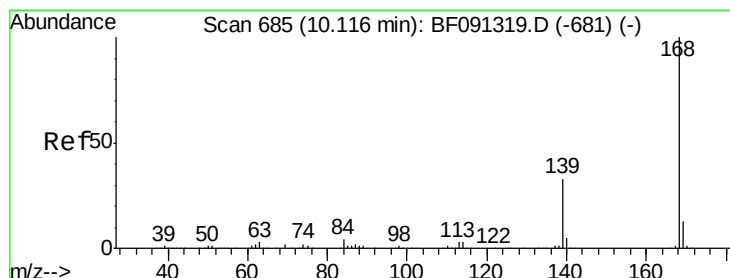
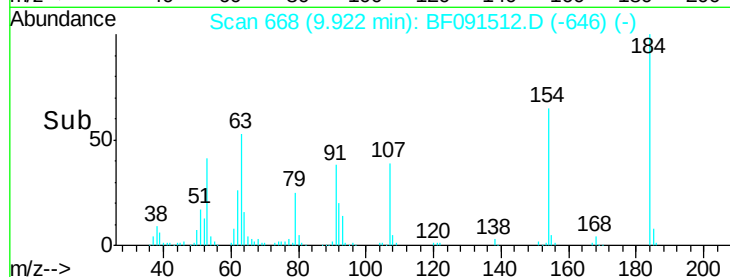
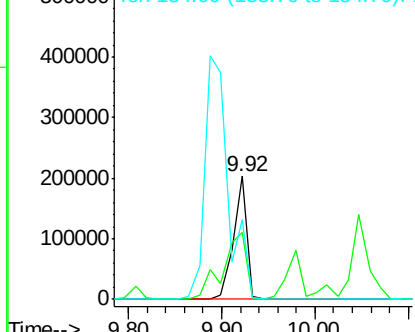
#53
2,4-Dinitrophenol
Concen: 80.01 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tgt Ion:184 Resp: 207214
Ion Ratio Lower Upper
184 100
63 54.3 58.3 87.5#
154 65.3 48.6 73.0

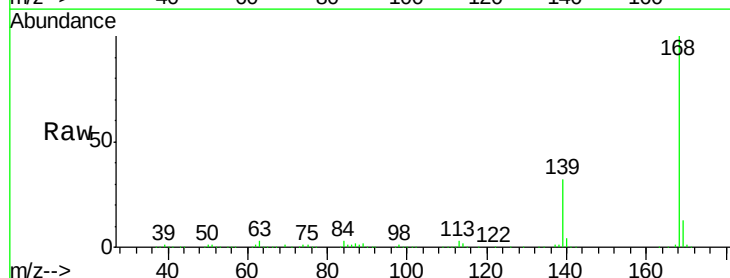


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

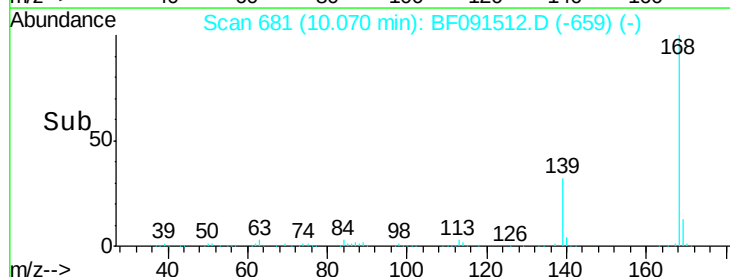
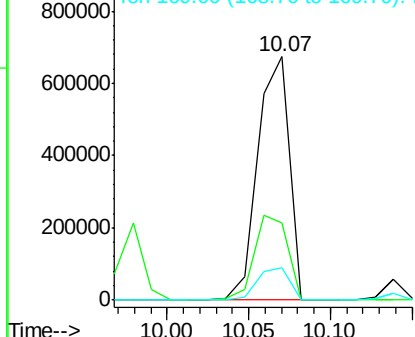


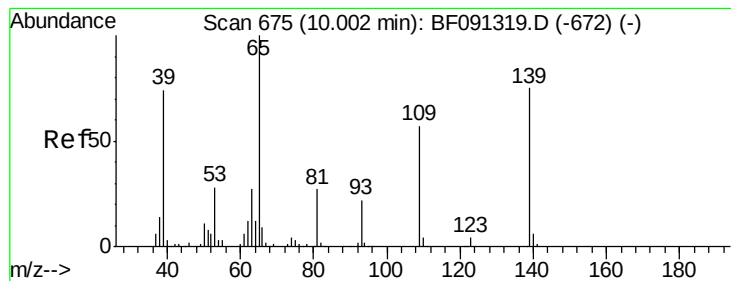
#54
Dibenzofuran
Concen: 27.19 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion:168 Resp: 905967
Ion Ratio Lower Upper
168 100
139 31.8 33.4 50.2#
169 13.2 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: 45.19 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.04 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

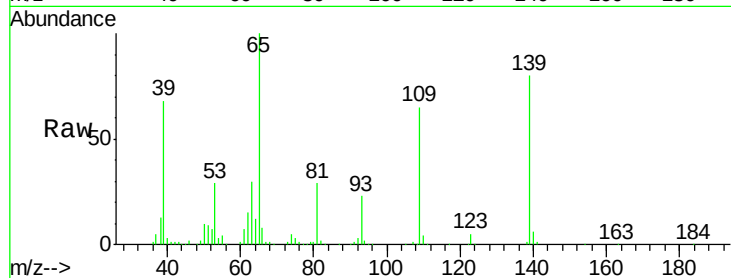
Tgt Ion:139 Resp: 223727

Ion Ratio Lower Upper

139 100

109 80.2 54.9 94.9

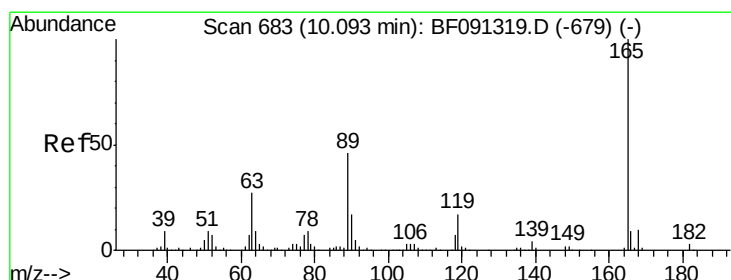
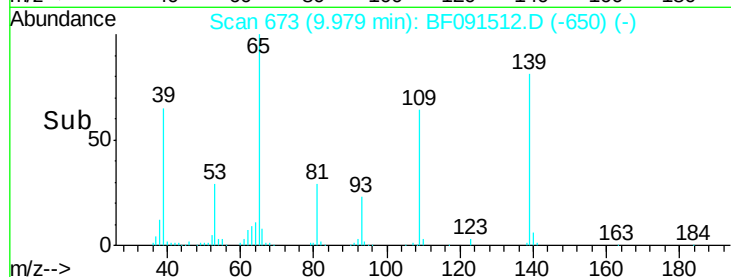
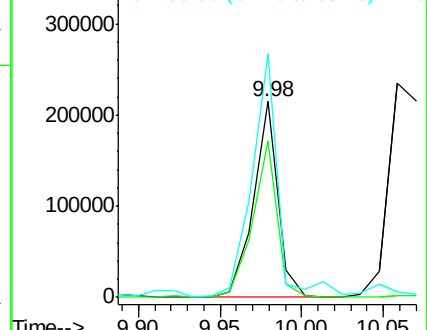
65 124.3 102.2 142.2



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: 28.08 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Tgt Ion:165 Resp: 215728

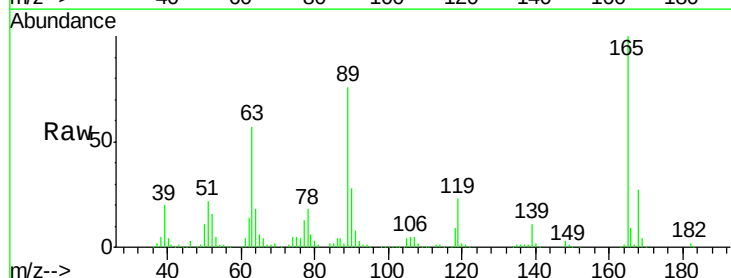
Ion Ratio Lower Upper

165 100

63 56.6 29.0 43.4#

89 76.4 43.1 64.7#

182 2.2 1.9 2.9

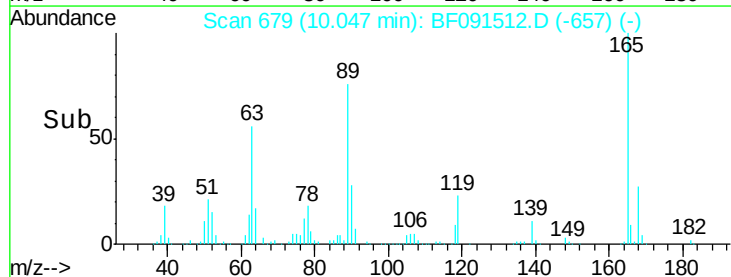
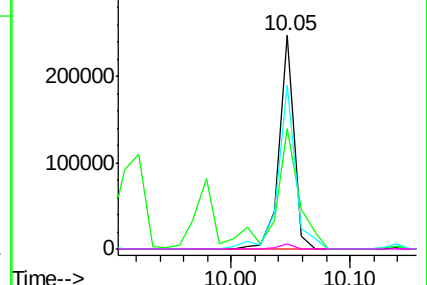


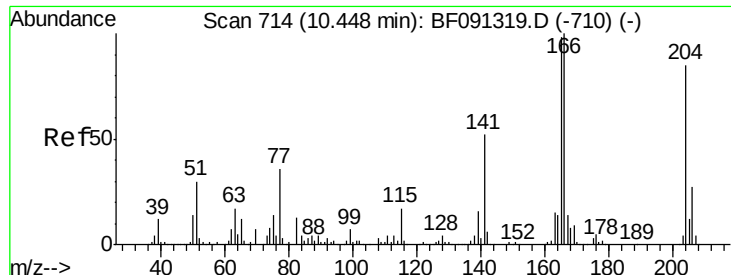
Abundance Ion 165.00 (164.70 to 165.70): E

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

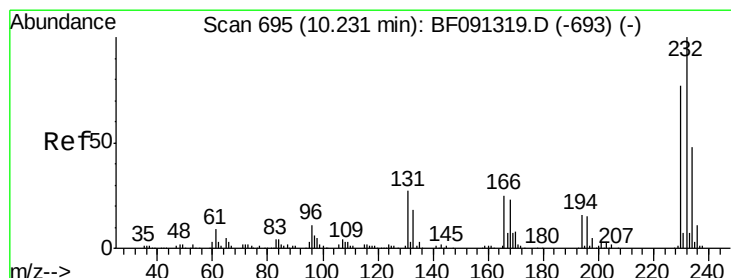
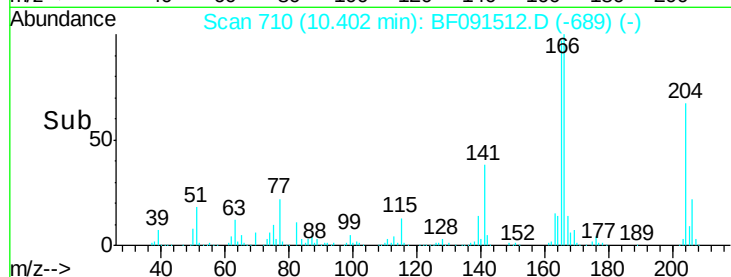
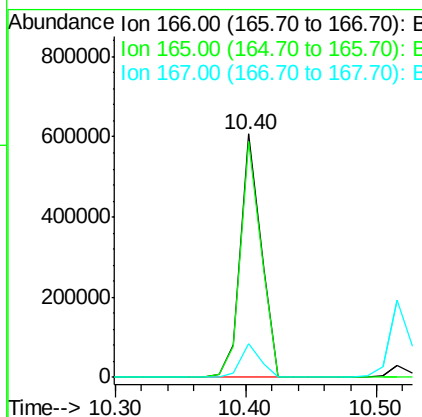
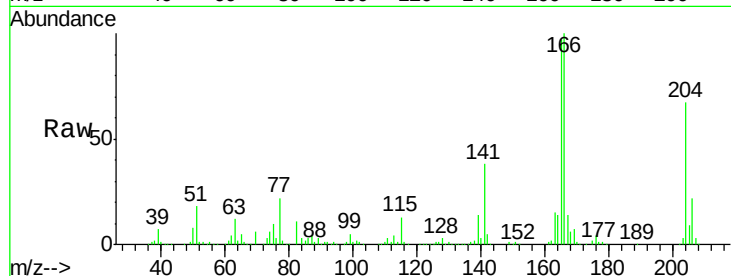




#57
Fluorene
 Concen: 25.96 ng
 RT: 10.40 min Scan# 710
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

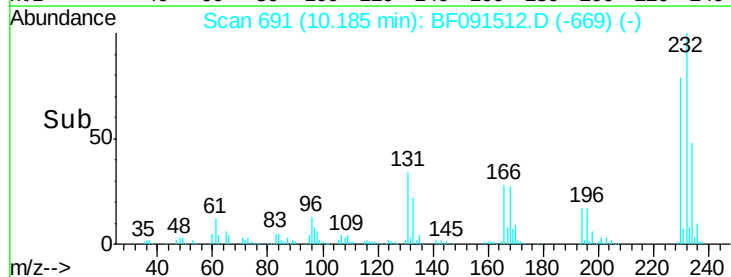
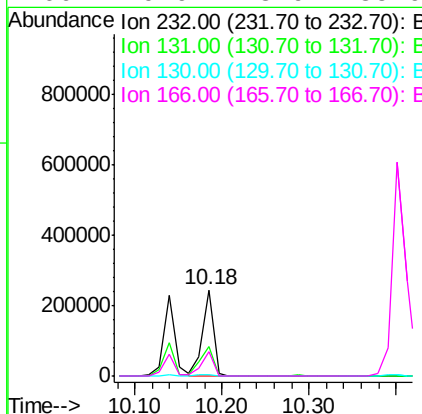
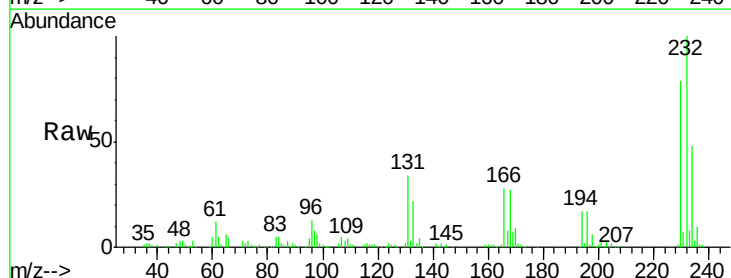
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

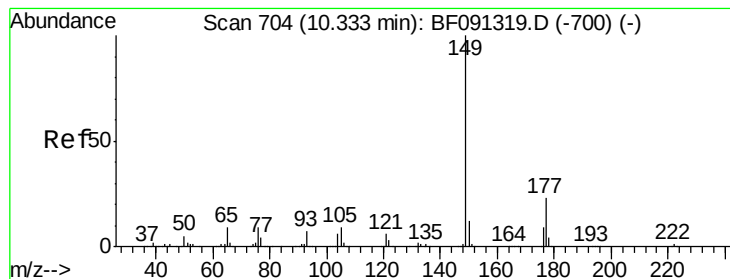
Tgt Ion:166 Resp: 663992
 Ion Ratio Lower Upper
 166 100
 165 96.8 80.0 120.0
 167 13.9 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.04 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:232 Resp: 212980
 Ion Ratio Lower Upper
 232 100
 131 40.8 38.4 57.6
 130 2.2 1.8 2.8
 166 29.9 23.9 35.9





#59

Diethylphthalate

Concen: 27.16 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

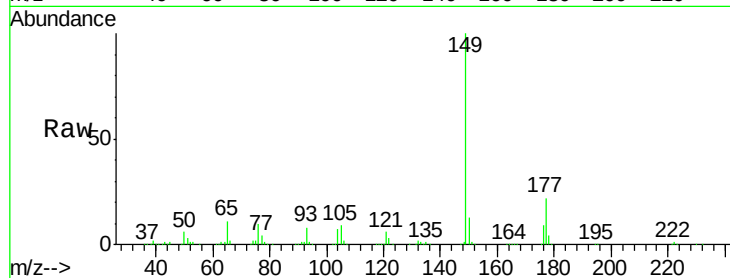
Tgt Ion:149 Resp: 710338

Ion Ratio Lower Upper

149 100

177 22.1 15.7 23.5

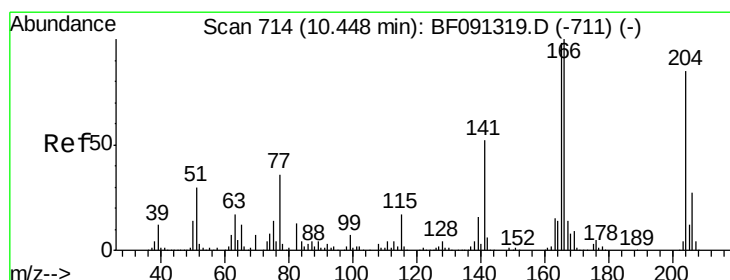
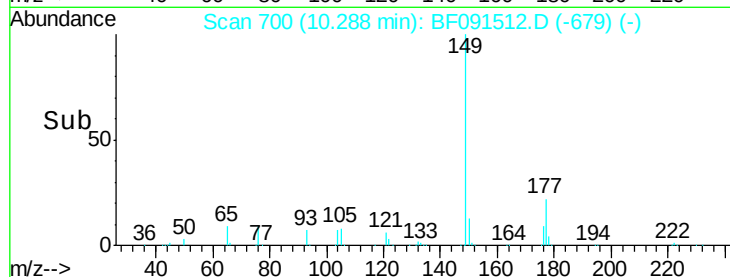
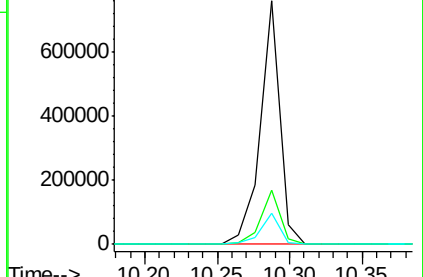
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 27.45 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

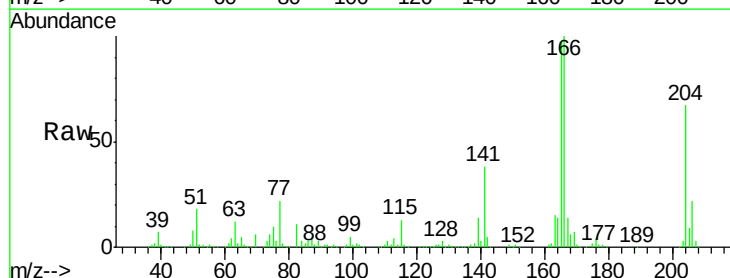
Tgt Ion:204 Resp: 352142

Ion Ratio Lower Upper

204 100

206 33.1 26.1 39.1

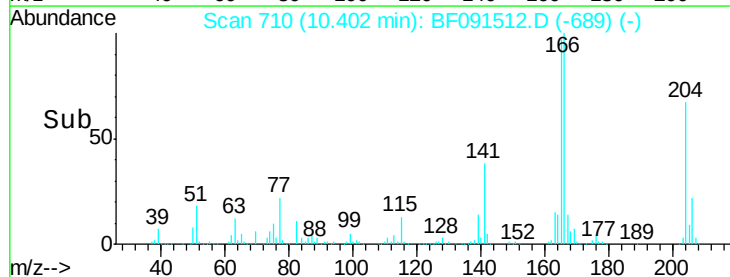
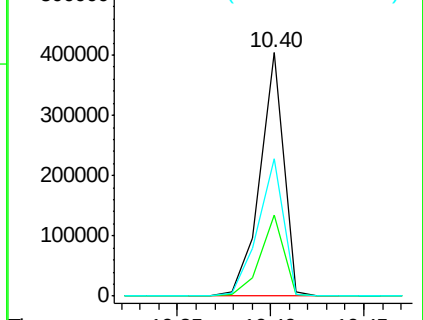
141 56.4 40.6 61.0

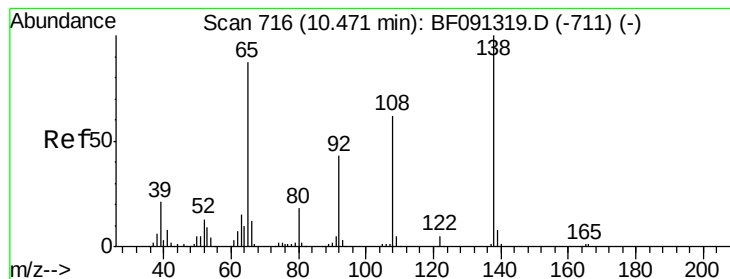


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 21.87 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

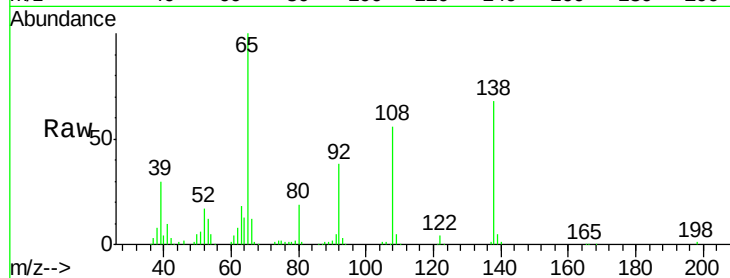
Tgt Ion:138 Resp: 140776

Ion Ratio Lower Upper

138 100

92 56.7 26.9 66.9

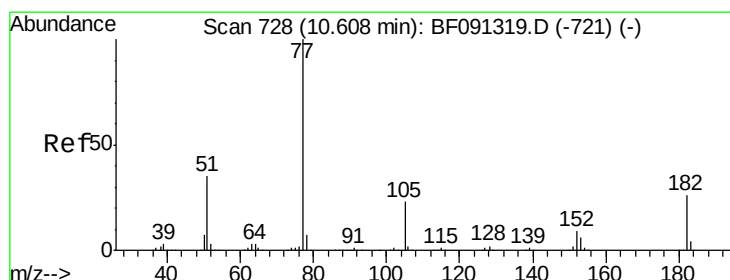
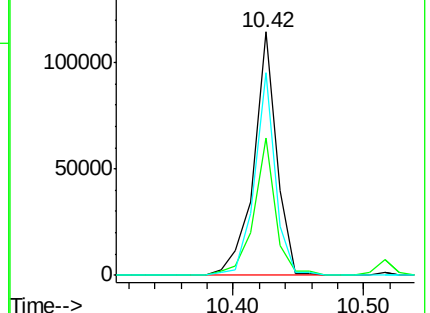
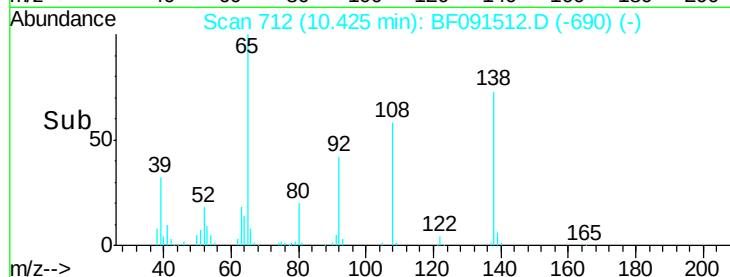
108 83.1 49.1 89.1



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: 29.66 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Tgt Ion: 77 Resp: 791530

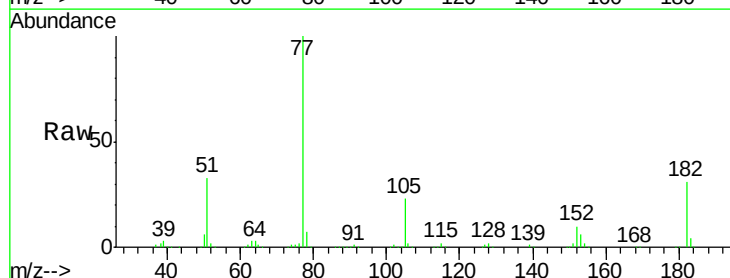
Ion Ratio Lower Upper

77 100

182 30.9 12.5 52.5

105 23.0 3.7 43.7

51 33.4 11.9 51.9

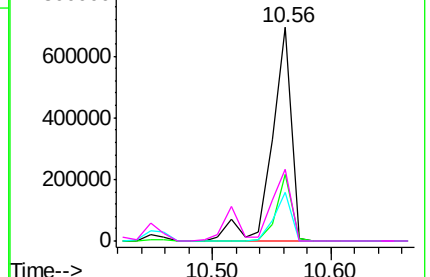
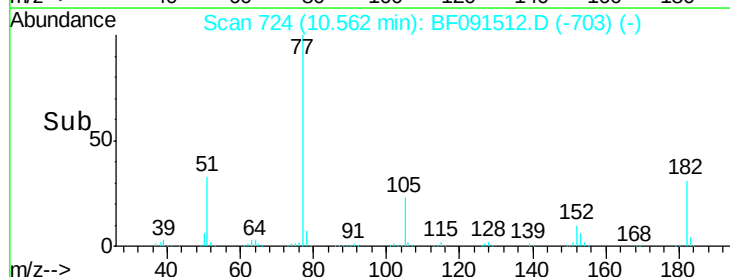


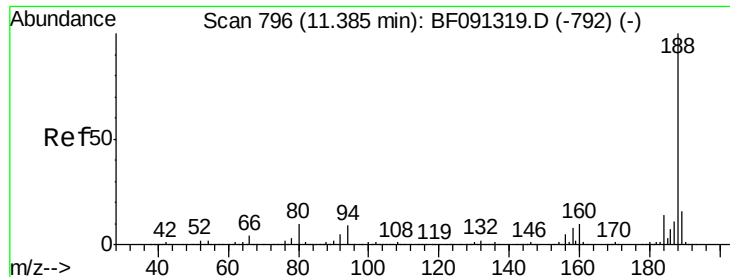
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

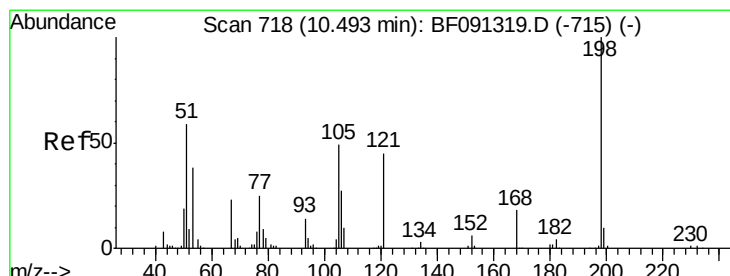
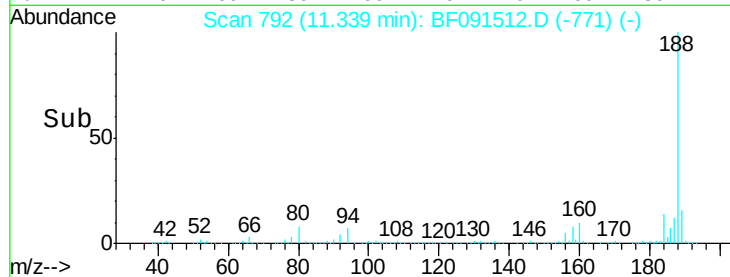
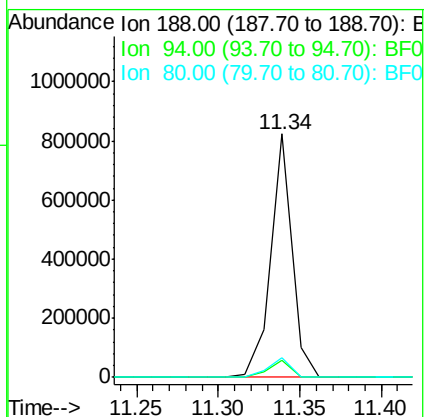
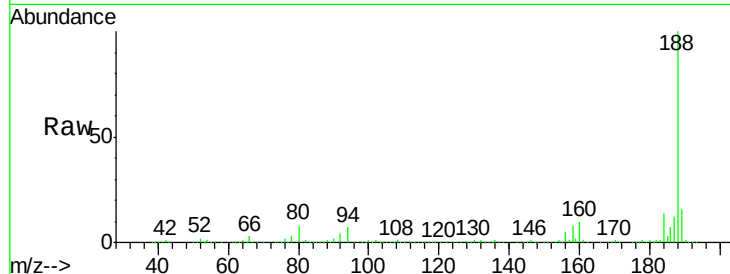




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

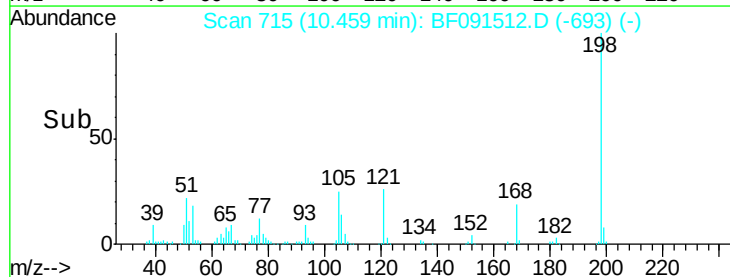
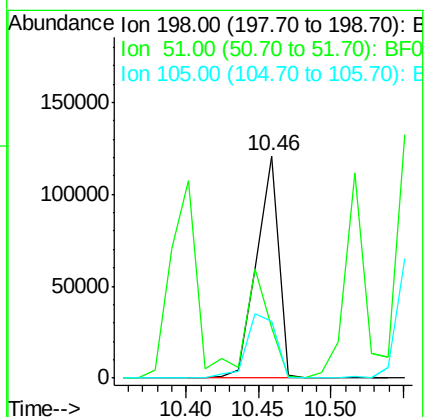
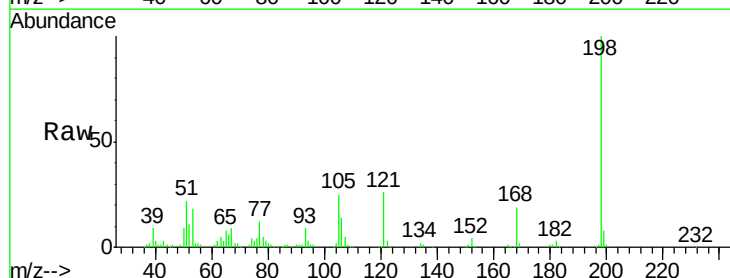
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

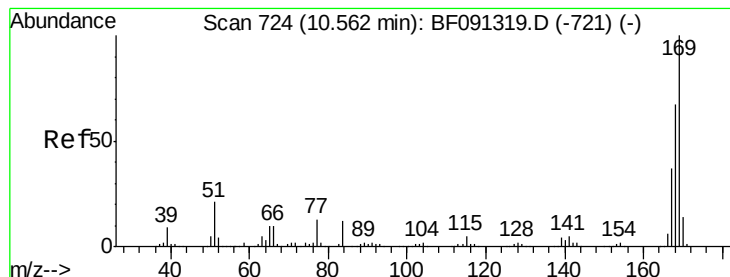
Tgt Ion:188 Resp: 753916
 Ion Ratio Lower Upper
 188 100
 94 7.0 9.2 13.8#
 80 8.0 10.5 15.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.07 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.05 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:198 Resp: 129065
 Ion Ratio Lower Upper
 198 100
 51 22.4 77.1 117.1#
 105 25.5 44.8 84.8#

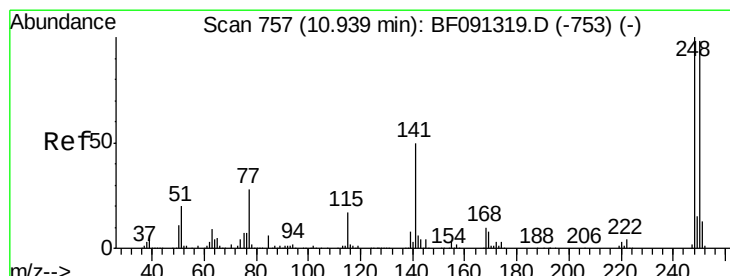
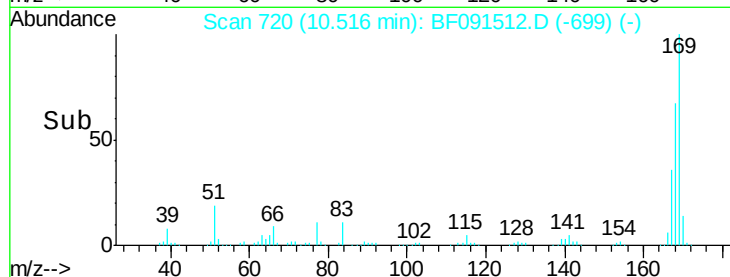
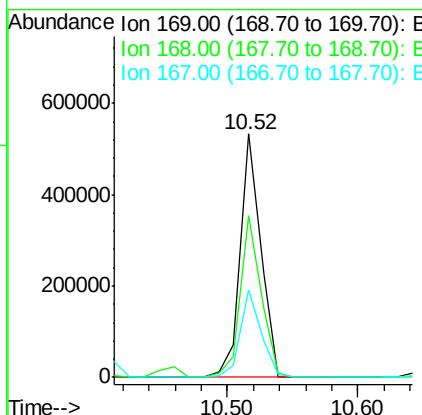
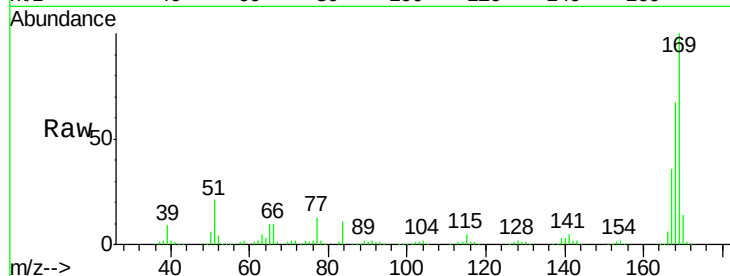




#65
 n-Nitrosodiphenylamine
 Concen: 25.30 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

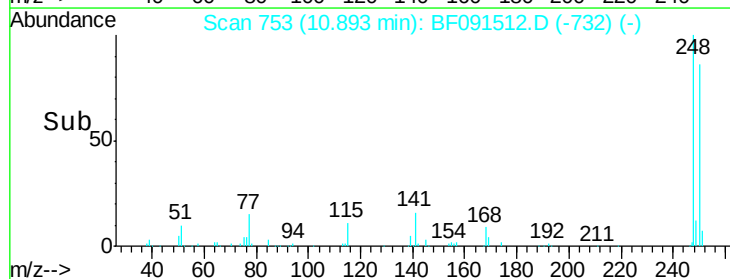
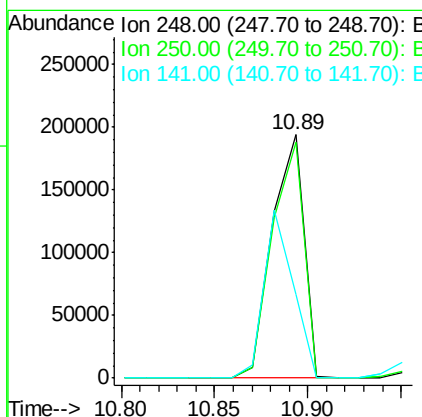
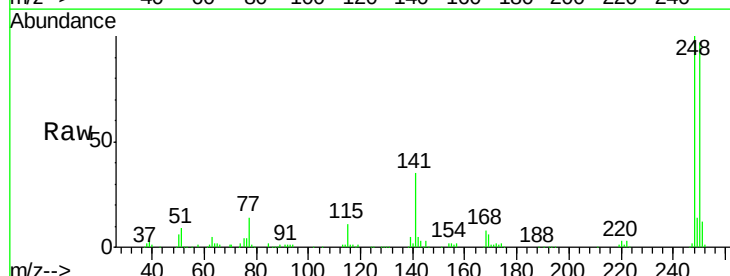
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

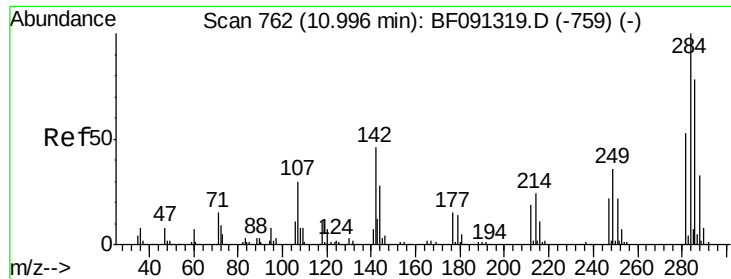
Tgt Ion:169 Resp: 578212
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.8 80.8
 167 36.1 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 28.51 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:248 Resp: 231023
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.2 117.4
 141 34.5 71.9 107.9#

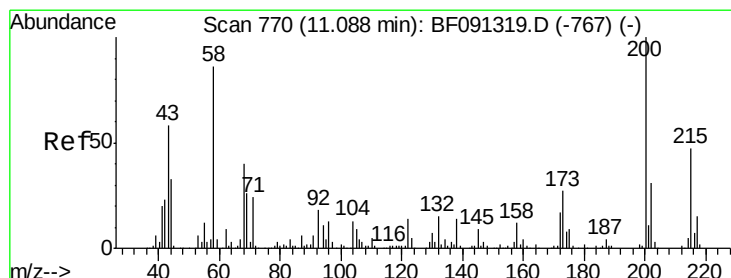
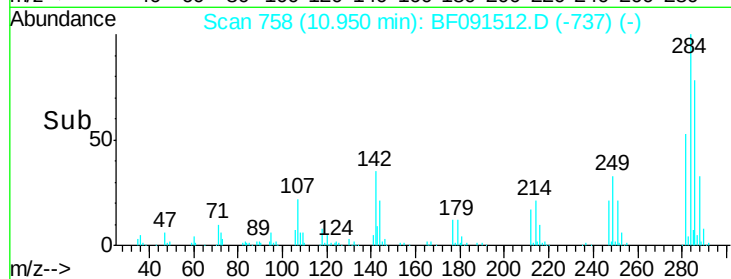
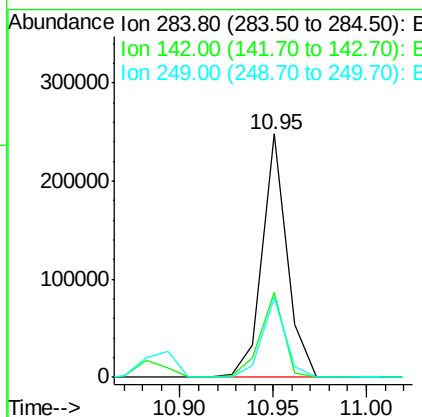
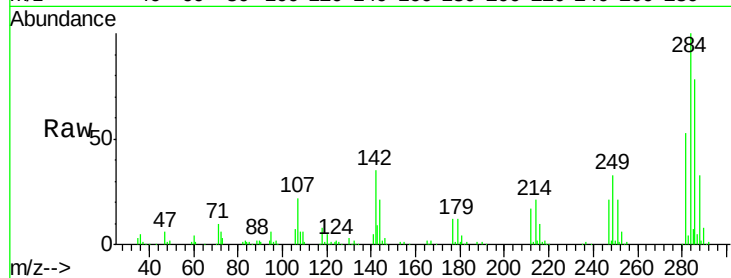




#67
Hexachlorobenzene
Concen: 26.38 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.06 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

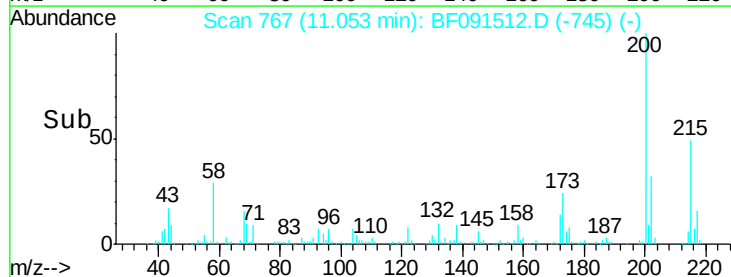
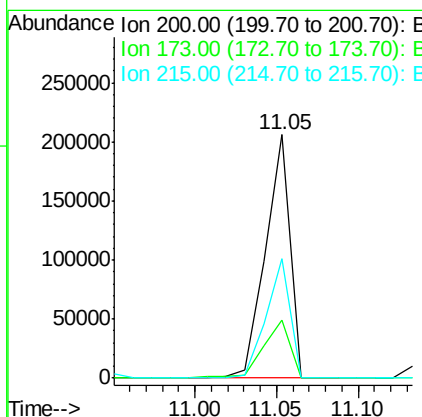
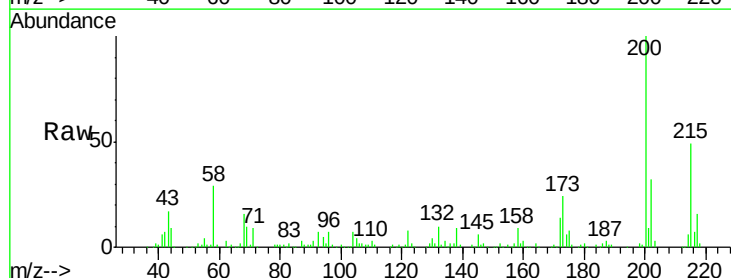
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

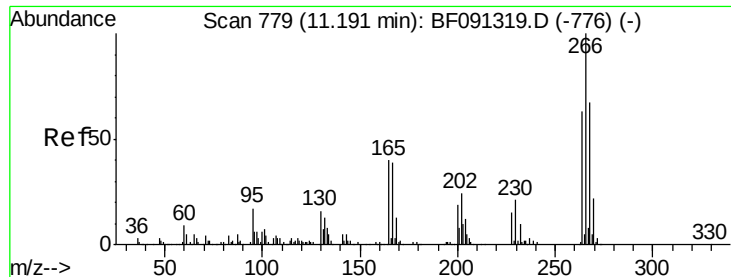
Tgt Ion: 284 Resp: 230960
Ion Ratio Lower Upper
284 100
142 34.7 17.9 26.9#
249 32.6 23.6 35.4



#68
Atrazine
Concen: 29.06 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion: 200 Resp: 215130
Ion Ratio Lower Upper
200 100
173 23.7 7.8 47.8
215 49.2 24.3 64.3

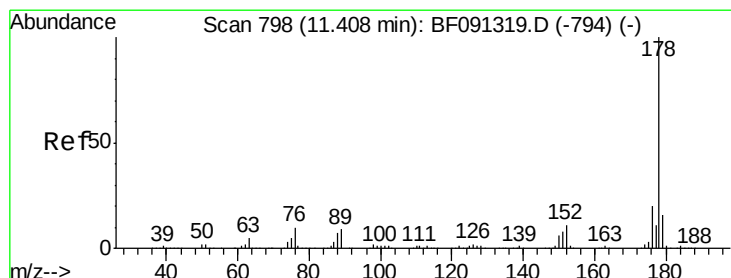
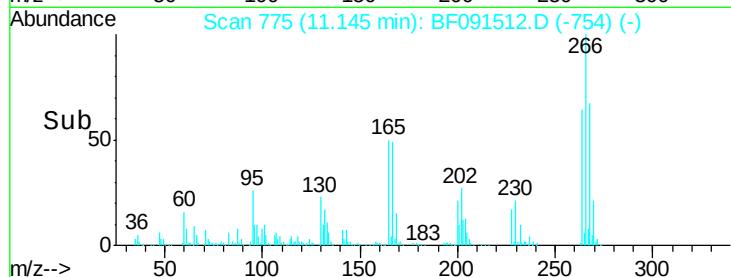
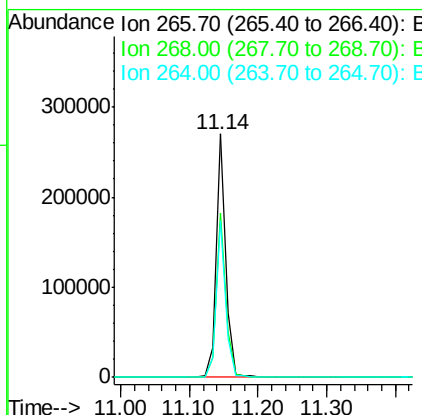
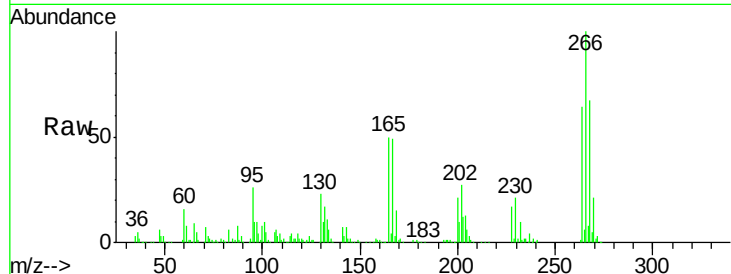




#69
 Pentachlorophenol
 Concen: 51.82 ng
 RT: 11.14 min Scan# 775
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

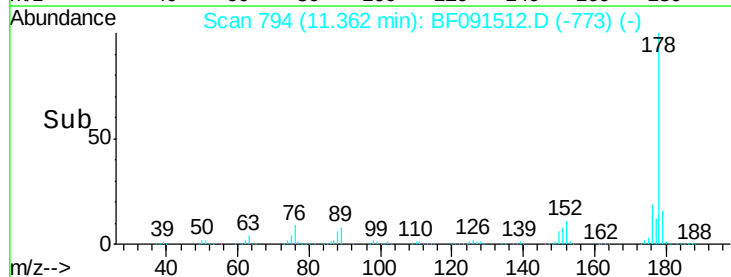
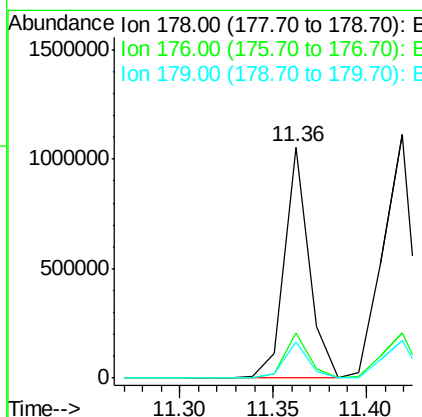
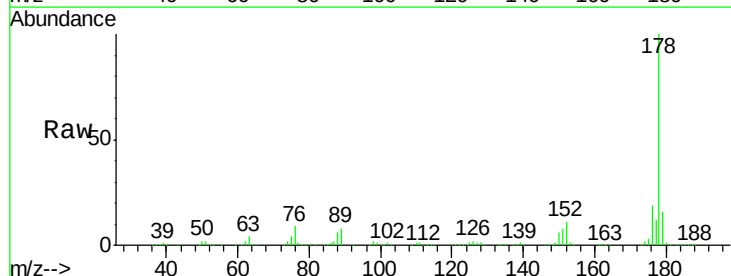
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

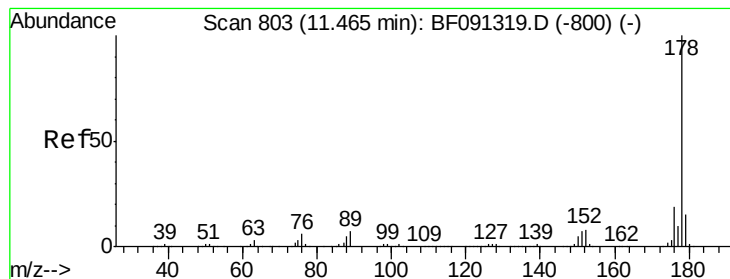
Tgt Ion:266 Resp: 267110
 Ion Ratio Lower Upper
 266 100
 268 67.3 50.3 75.5
 264 64.3 48.2 72.2



#70
 Phenanthrene
 Concen: 24.80 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:178 Resp: 971713
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.7 12.6 18.8





#71

Anthracene

Concen: 29.60 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

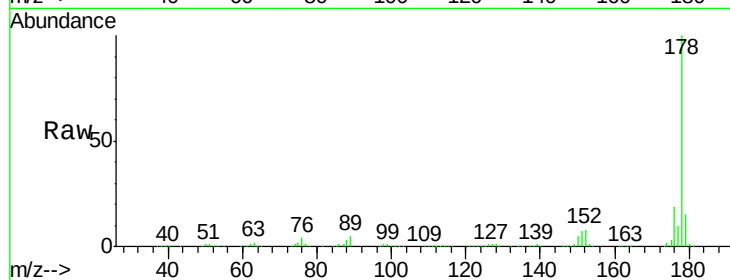
BNA_F

ClientSampleId :

PB95122BSD

Tgt Ion:178 Resp: 1150861

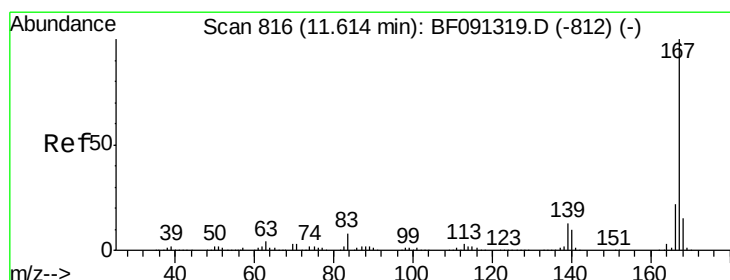
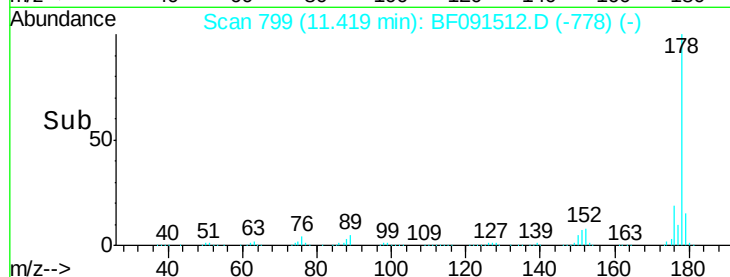
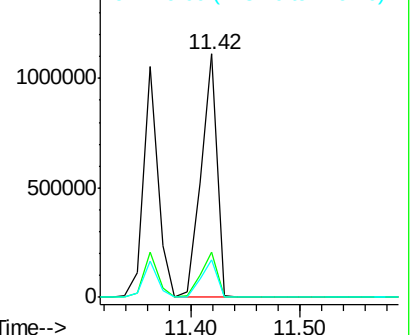
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.5	12.7	19.1



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: 24.96 ng

RT: 11.57 min Scan# 812

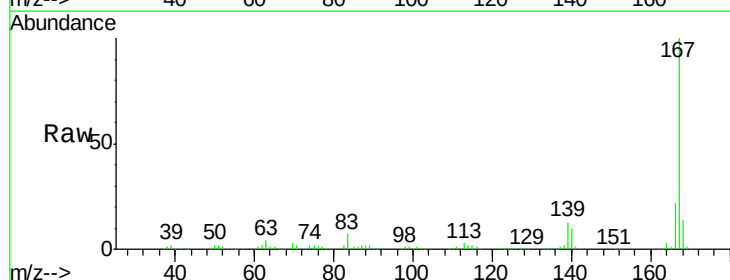
Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Tgt Ion:167 Resp: 880768

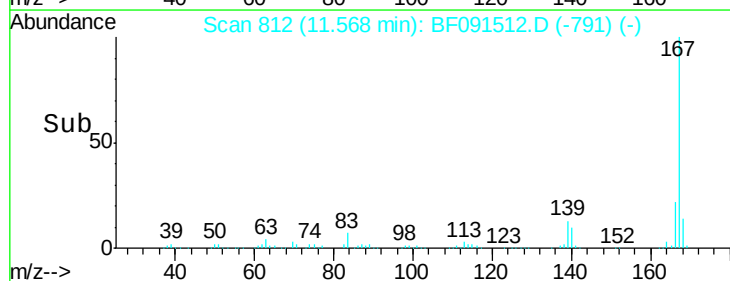
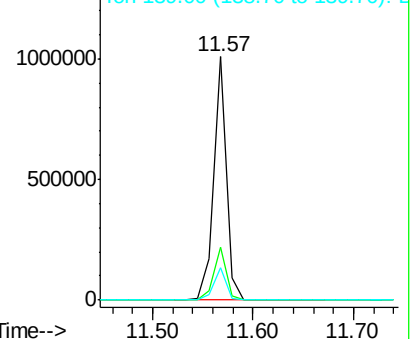
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.1	11.5	17.3

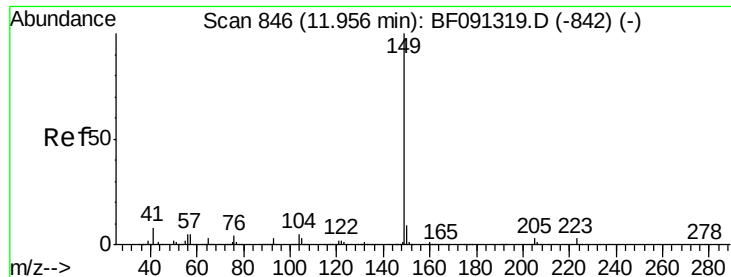


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.85 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

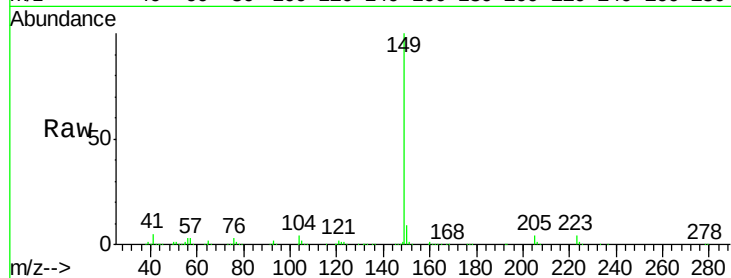
Tgt Ion:149 Resp: 1113461

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

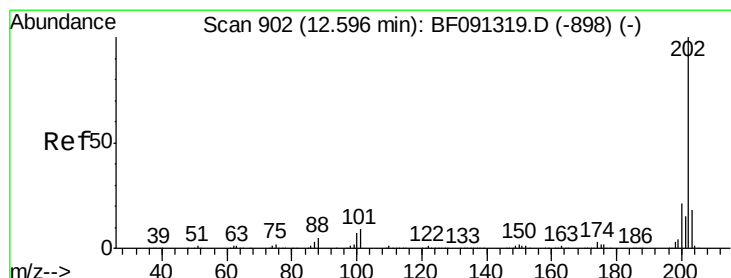
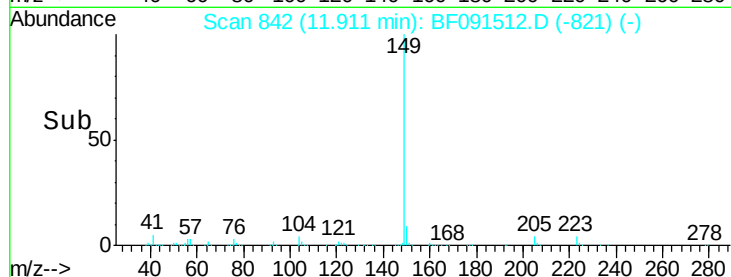
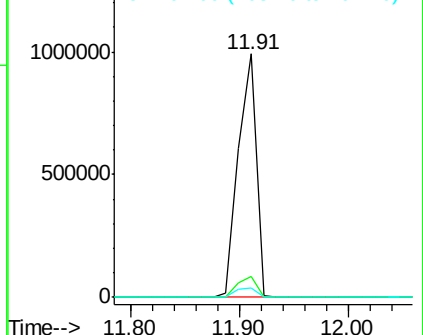
104 4.0 4.0 6.0#



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: 31.38 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

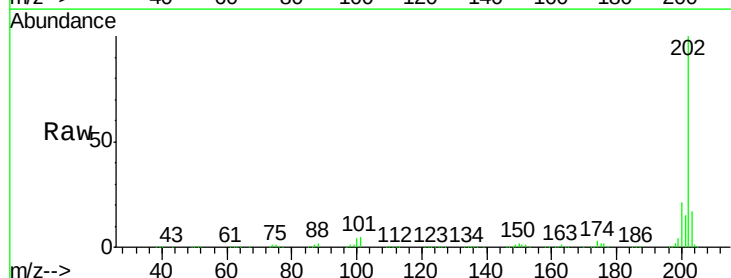
Tgt Ion:202 Resp: 1164506

Ion Ratio Lower Upper

202 100

101 4.8 0.0 29.5

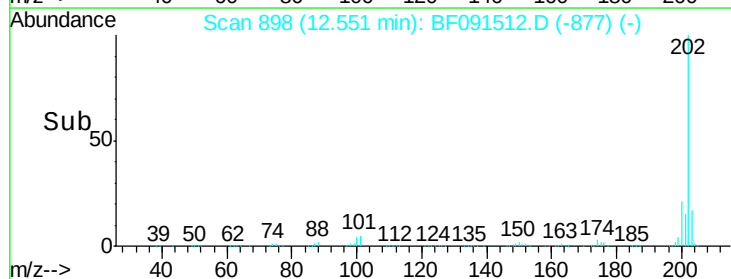
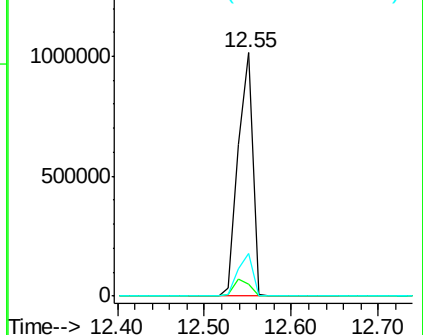
203 17.4 0.0 37.8

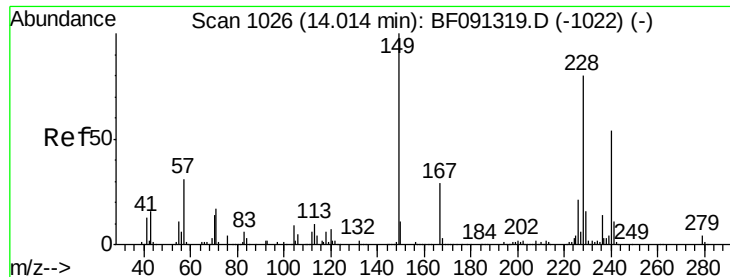


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

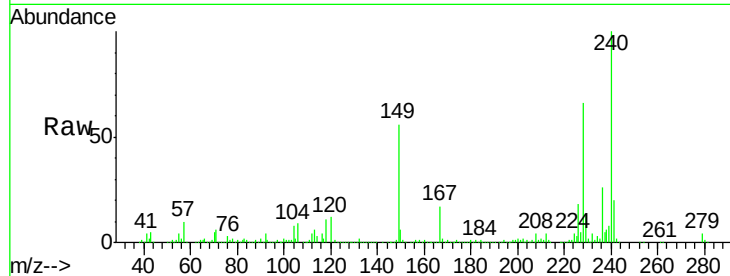
Tgt Ion:240 Resp: 566342

Ion Ratio Lower Upper

240 100

120 12.2 12.1 18.1

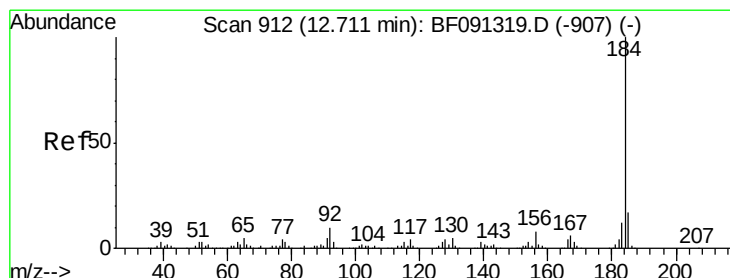
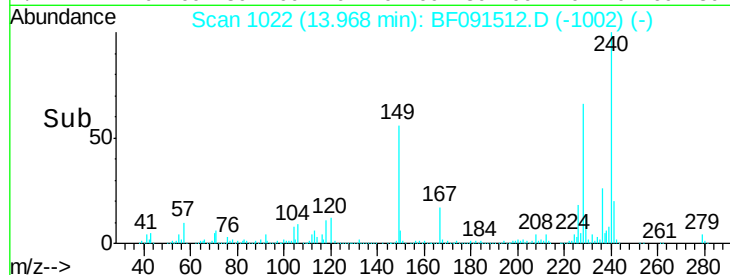
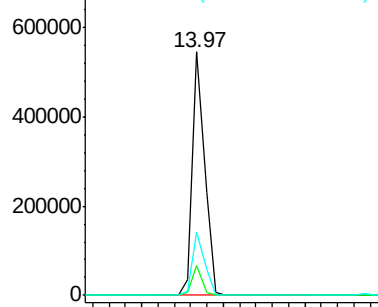
236 25.7 21.0 31.6



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: 26.83 ng

RT: 12.66 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

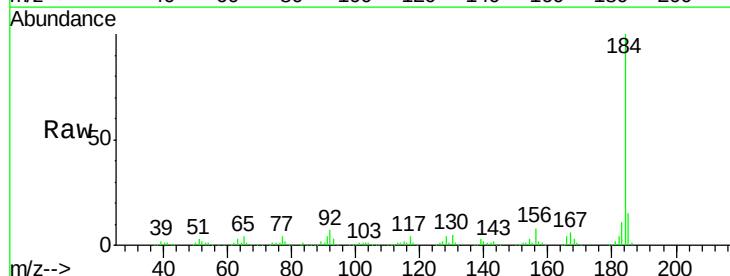
Tgt Ion:184 Resp: 446040

Ion Ratio Lower Upper

184 100

185 15.2 13.1 19.7

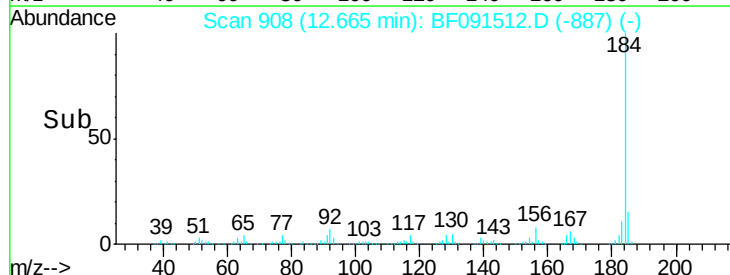
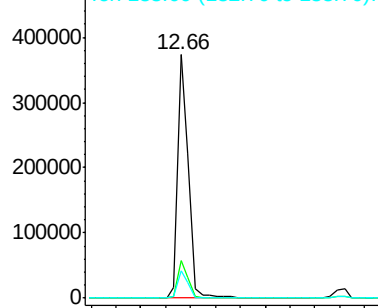
183 11.4 8.9 13.3

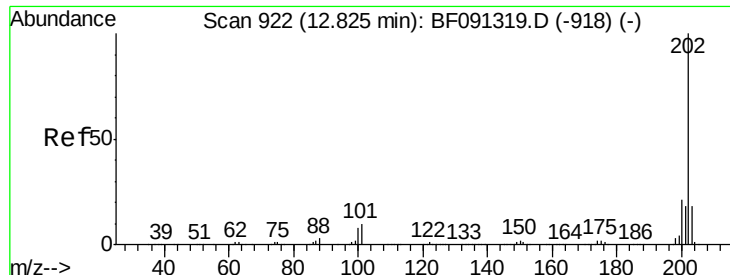


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



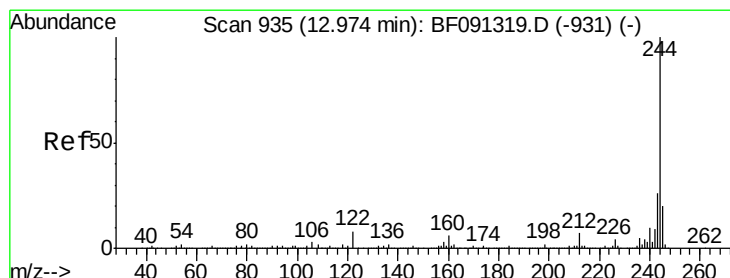
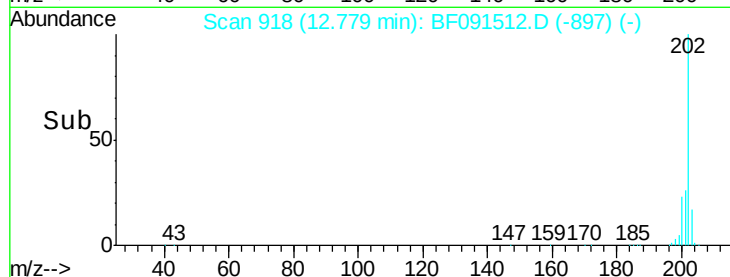
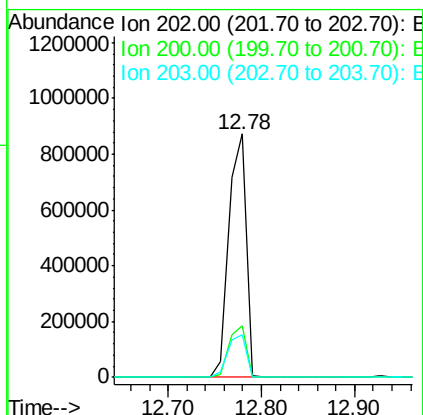
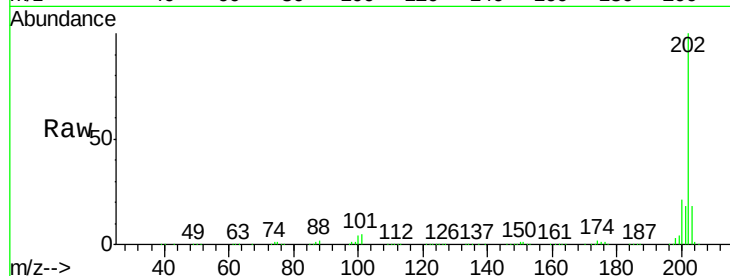


#77
Pyrene
 Concen: 26.54 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Instrument :
 BNA_F
ClientSampleId :
 PB95122BSD

Tgt Ion: 202 Resp: 1140674

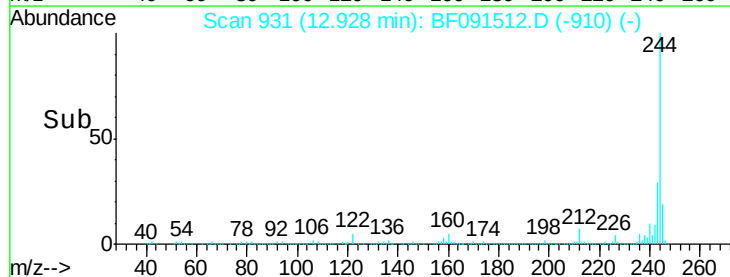
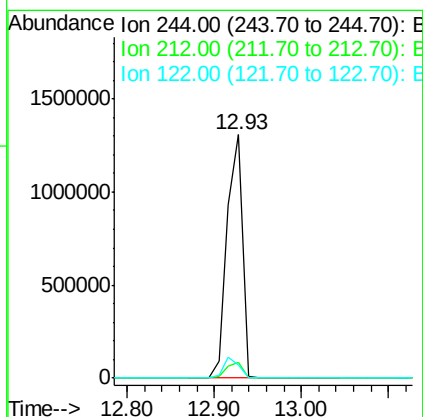
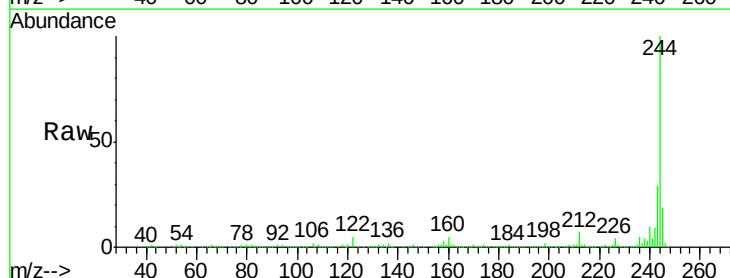
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.7	14.0	21.0

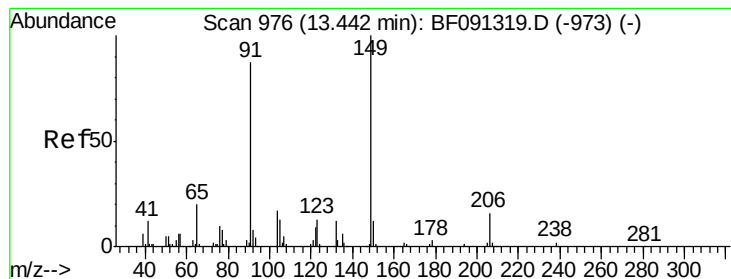


#78
Terphenyl-d14
 Concen: 61.87 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion: 244 Resp: 1612098

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	5.3	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 26.63 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.07 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

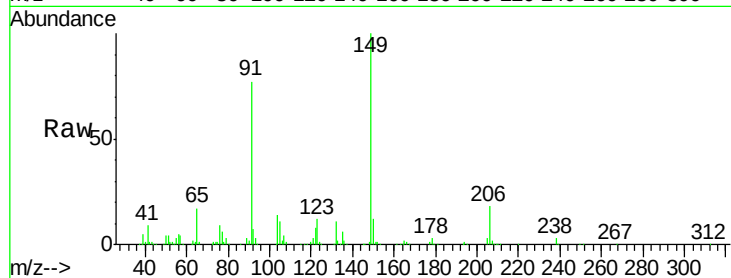
Tgt Ion:149 Resp: 428543

Ion Ratio Lower Upper

149 100

91 76.7 57.4 86.2

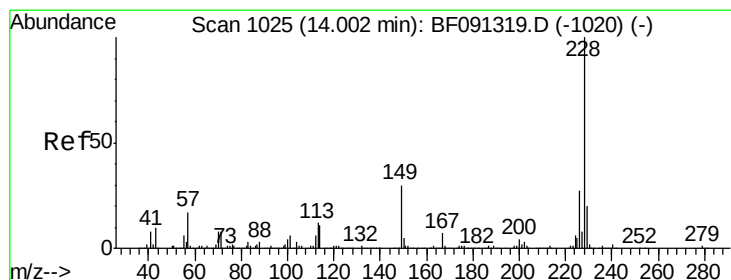
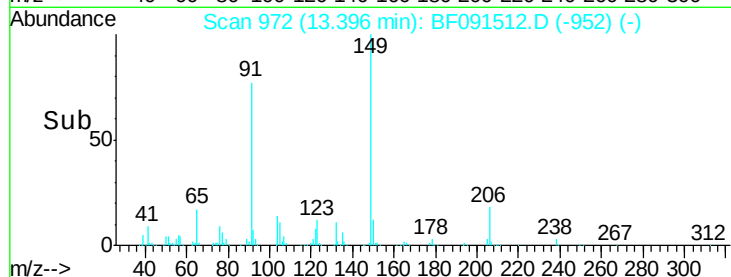
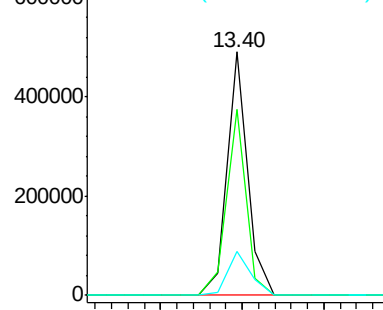
206 18.0 15.4 23.2



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: 27.81 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

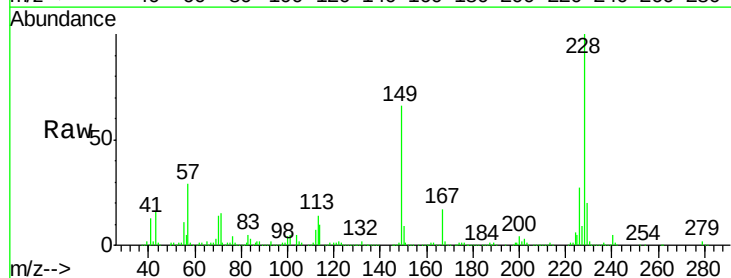
Tgt Ion:228 Resp: 921220

Ion Ratio Lower Upper

228 100

226 26.9 22.5 33.7

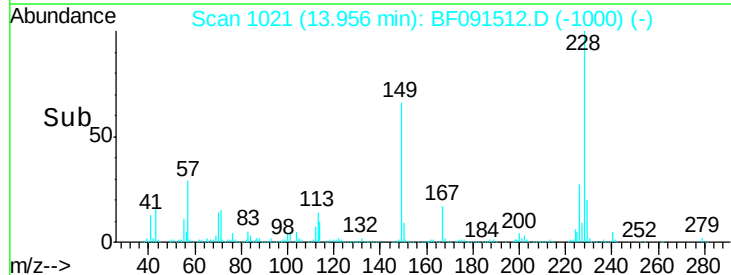
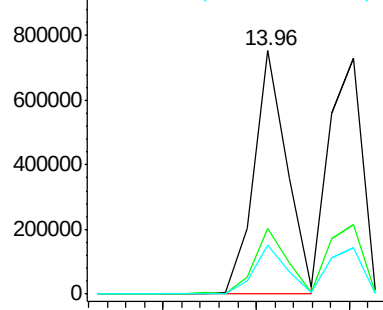
229 20.2 16.4 24.6

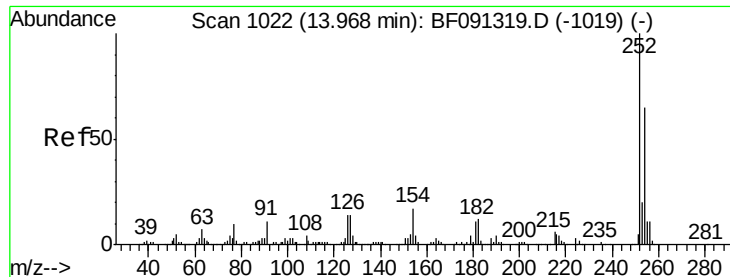


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

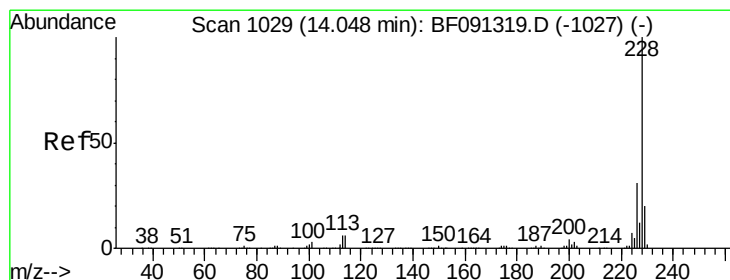
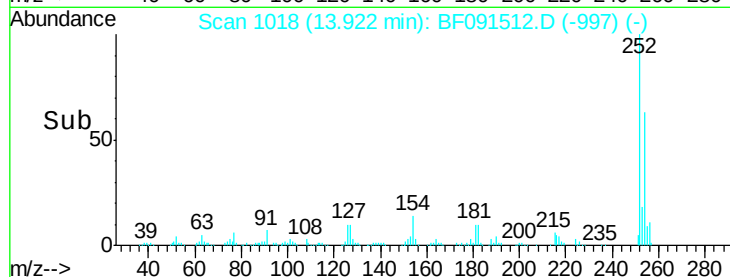
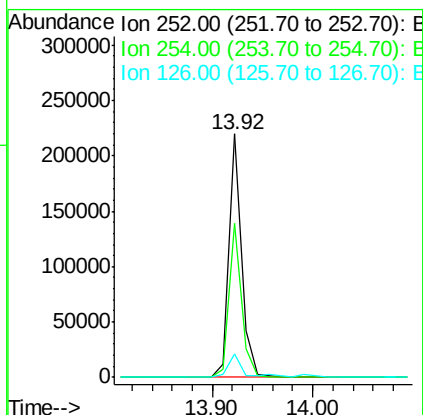
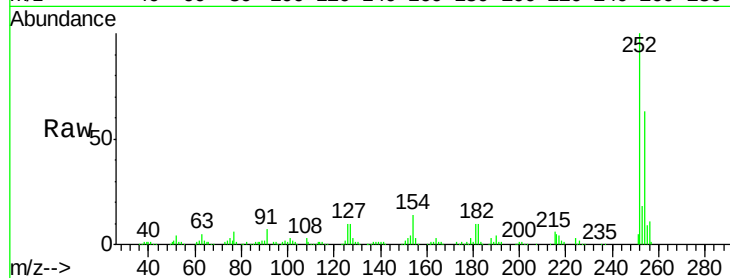




#81
 3,3'-Dichlorobenzidine
 Concen: 16.45 ng
 RT: 13.92 min Scan# 1018
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

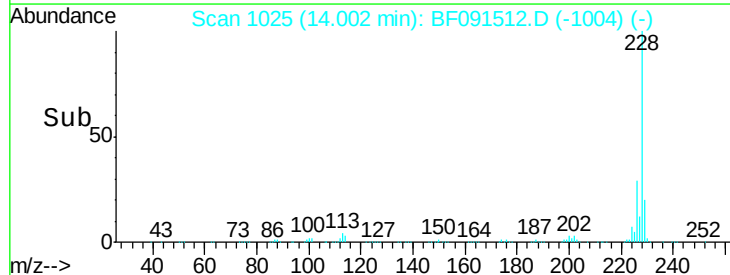
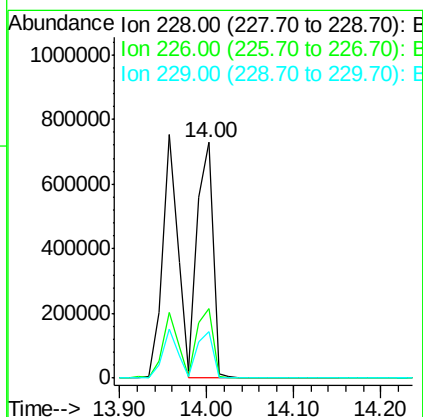
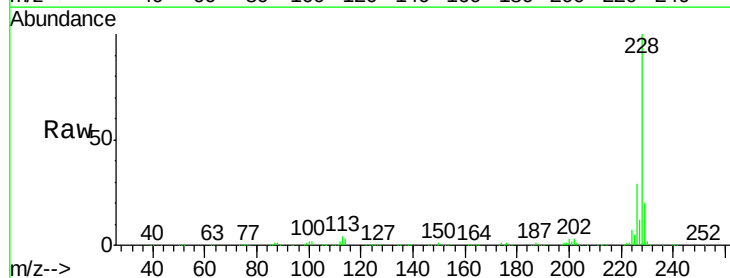
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

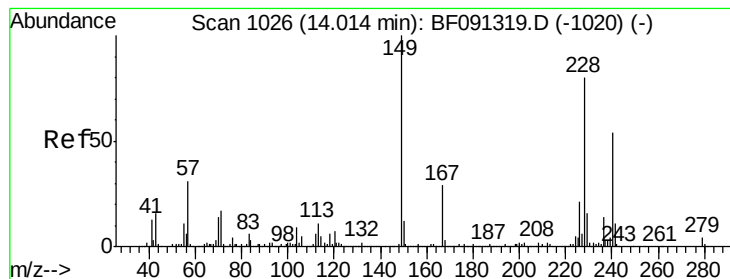
Tgt Ion:252 Resp: 191937
 Ion Ratio Lower Upper
 252 100
 254 63.0 52.1 78.1
 126 9.8 7.5 11.3



#82
 Chrysene
 Concen: 27.50 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion:228 Resp: 901036
 Ion Ratio Lower Upper
 228 100
 226 29.4 25.0 37.4
 229 19.5 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.07 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

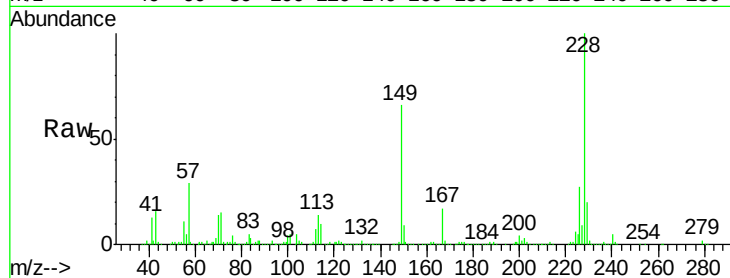
Tgt Ion:149 Resp: 571272

Ion Ratio Lower Upper

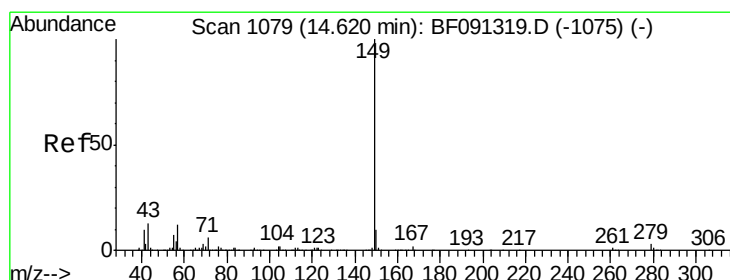
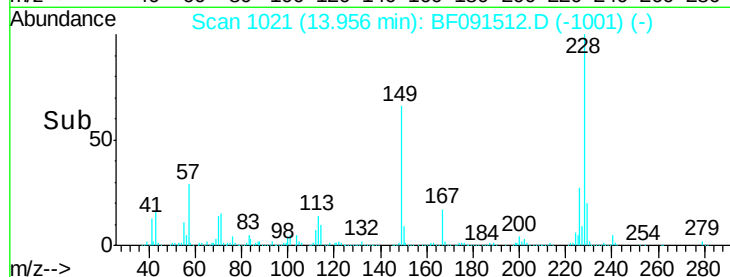
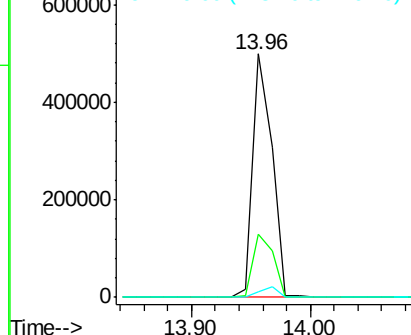
149 100

167 25.9 19.6 29.4

279 2.4 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.69 ng

RT: 14.57 min Scan# 1075

Delta R.T. -0.06 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

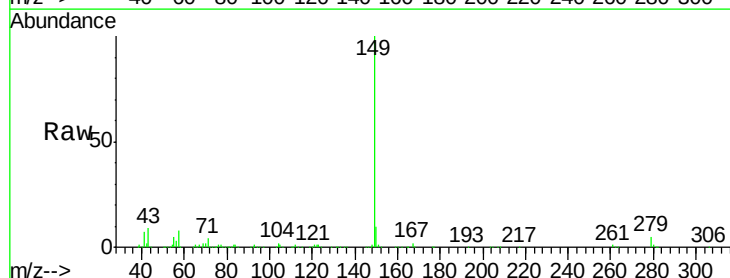
Tgt Ion:149 Resp: 1009234

Ion Ratio Lower Upper

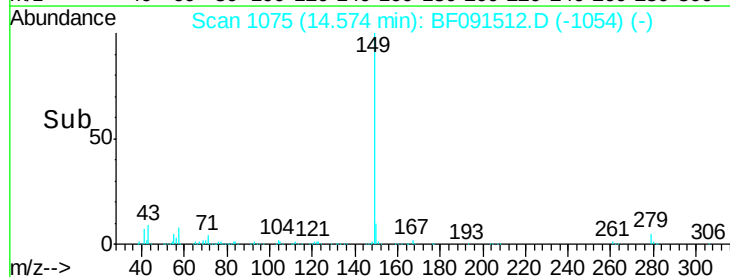
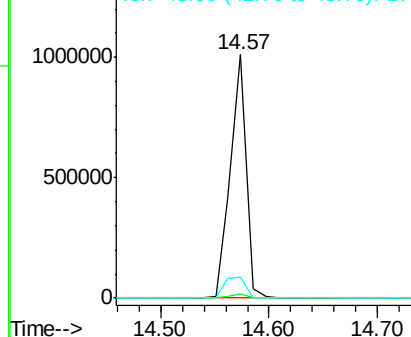
149 100

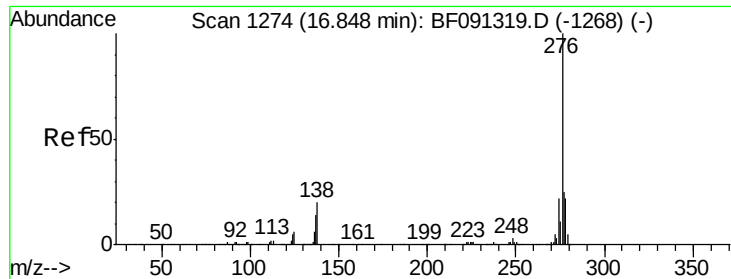
167 1.6 1.3 1.9

43 12.1 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

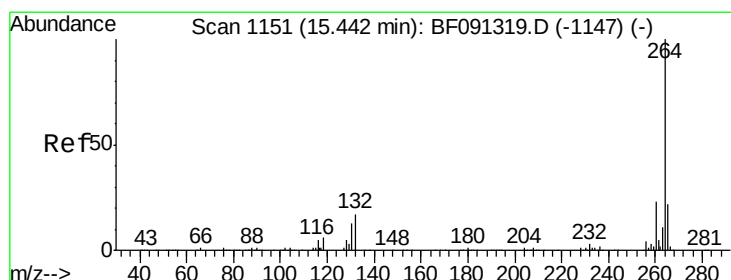
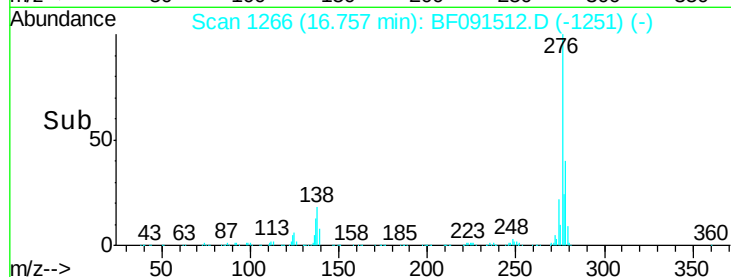
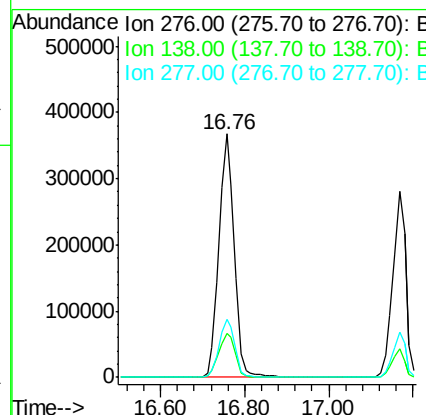
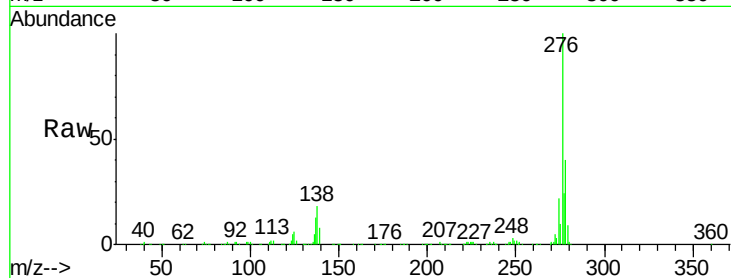




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.26 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.13 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

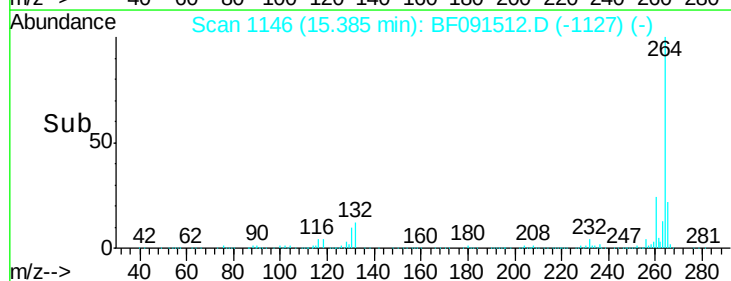
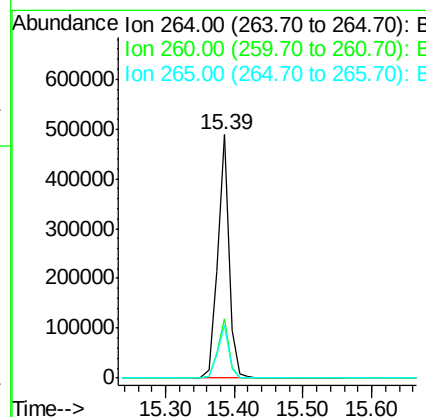
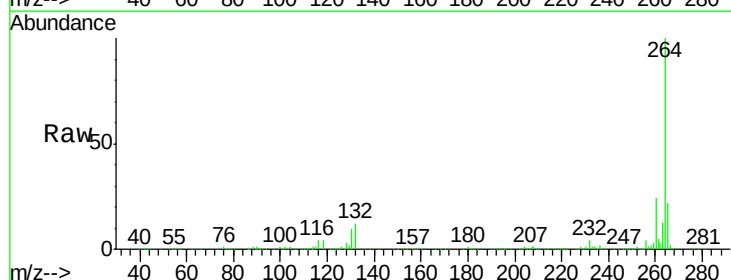
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

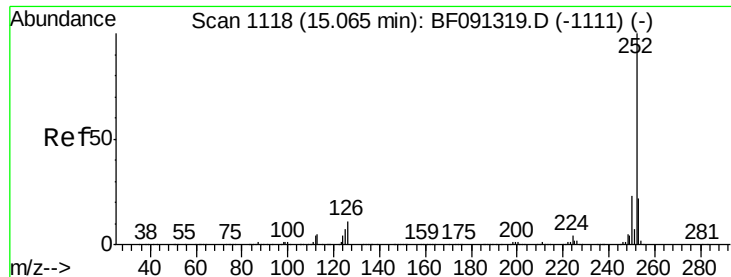
Tgt Ion: 276 Resp: 938308
 Ion Ratio Lower Upper
 276 100
 138 19.6 21.0 31.4#
 277 24.8 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.09 min
 Lab File: BF091512.D
 Acq: 8 Dec 2016 19:44

Tgt Ion: 264 Resp: 573361
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.0 17.0 25.6

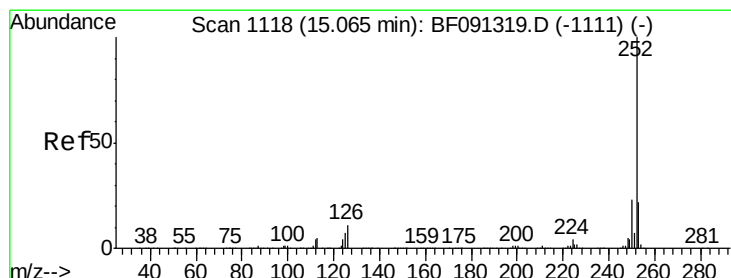
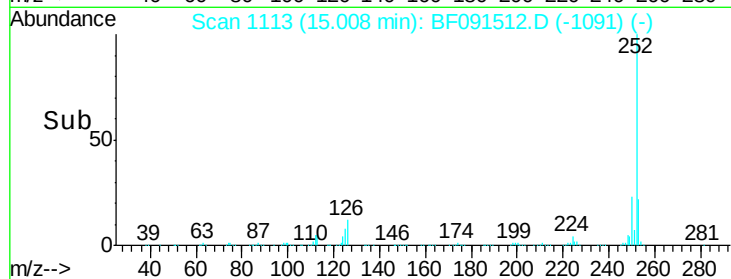
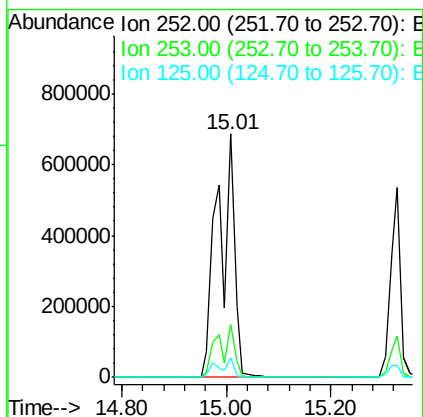
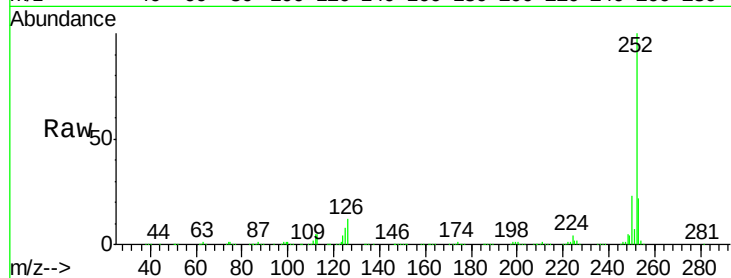




#87
Benzo(b)fluoranthene
Concen: 42.14 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.05 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

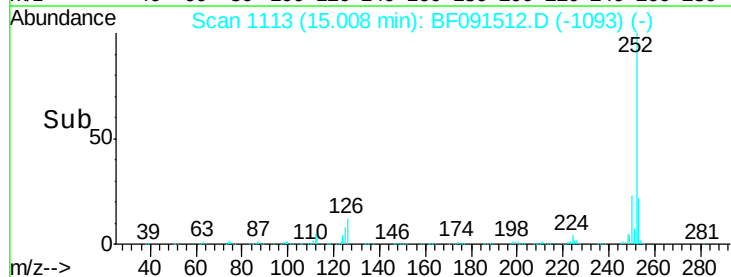
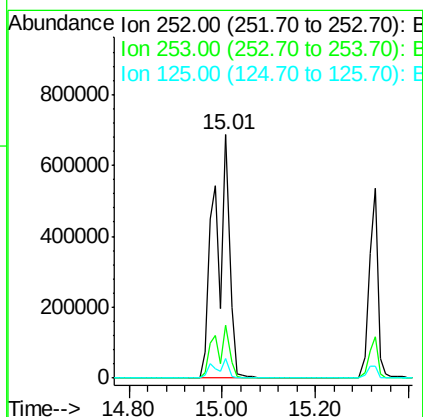
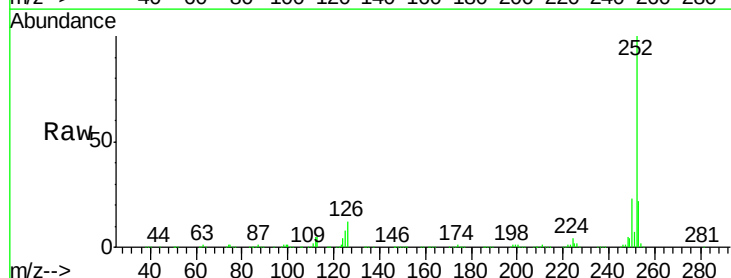
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

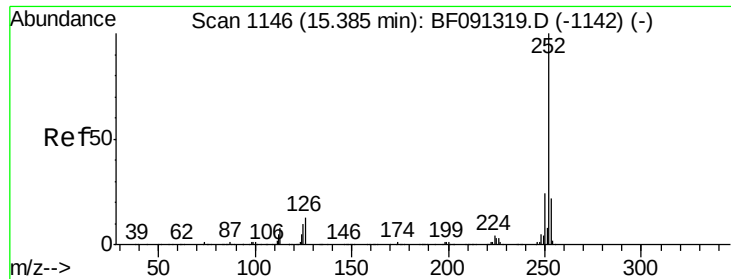
Tgt Ion:252 Resp: 1501958
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 8.0 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 50.15 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.07 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion:252 Resp: 1502938
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.0 9.6 14.4#

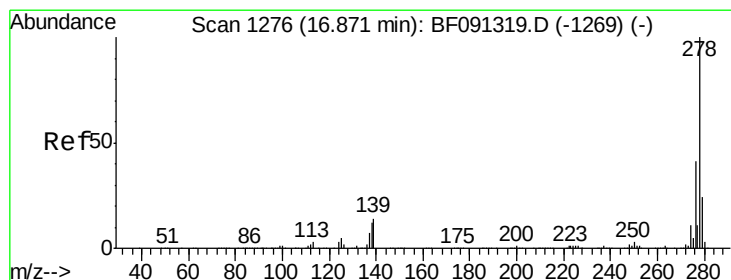
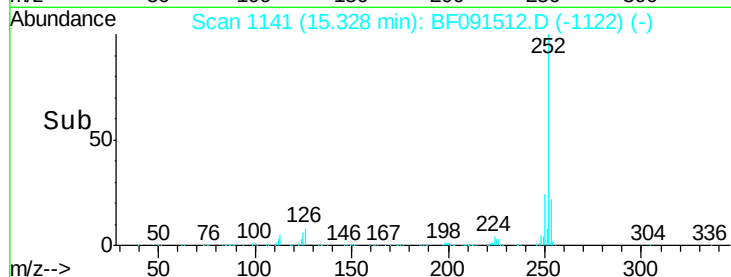
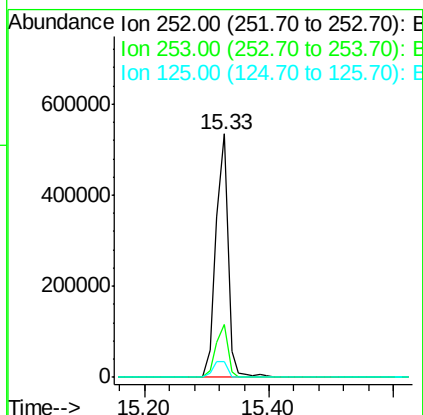
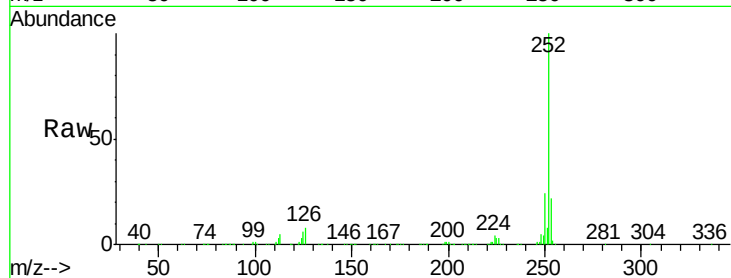




#89
Benzo(a)pyrene
Concen: 22.25 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.09 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

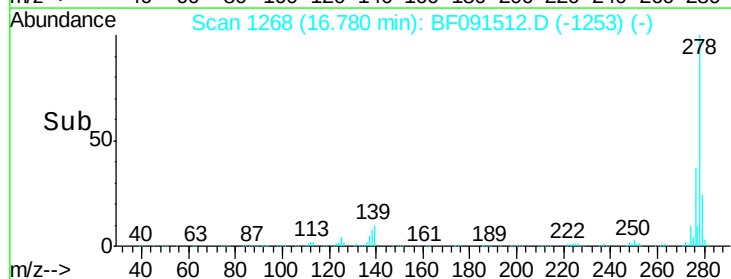
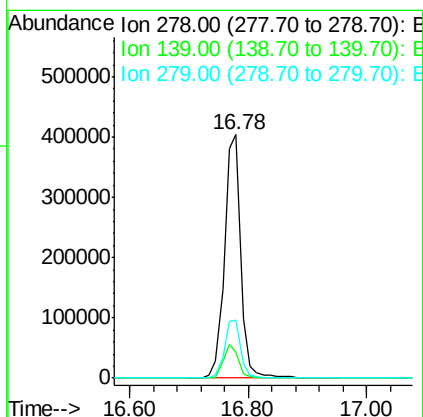
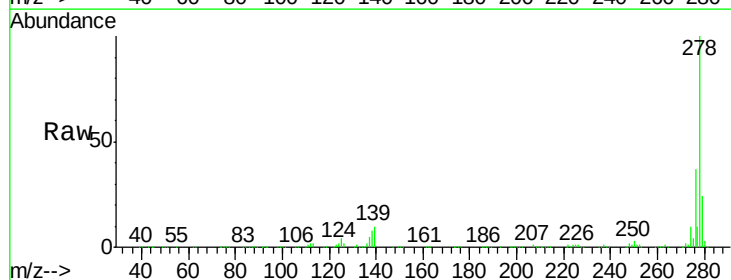
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

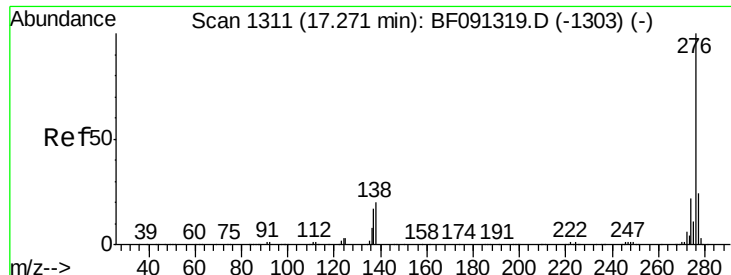
Tgt Ion:252 Resp: 712086
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 6.4 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 25.98 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.13 min
Lab File: BF091512.D
Acq: 8 Dec 2016 19:44

Tgt Ion:278 Resp: 769057
Ion Ratio Lower Upper
278 100
139 10.5 15.1 22.7#
279 24.1 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 20.10 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.14 min

Lab File: BF091512.D

Acq: 8 Dec 2016 19:44

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

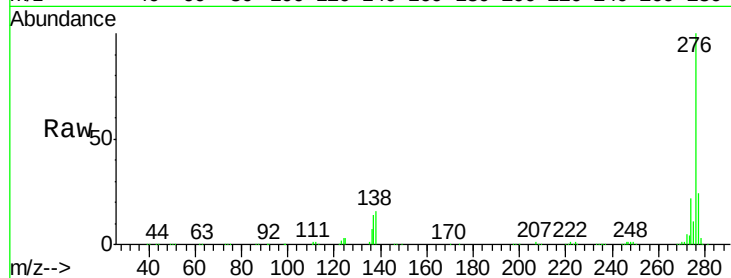
Tgt Ion: 276 Resp: 613559

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 15.6 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

