

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091675.D
 Acq On : 16 Dec 2016 16:24
 Operator : UM/SJ
 Sample : PB95362BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

Quant Time: Dec 16 21:58:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	204839	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	946441	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	503416	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	799631	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	646702	20.00	ng	-0.01
86) Perylene-d12	15.32	264	539594	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1822573	149.90	ng	0.01
7) Phenol-d6	6.42	99	2162190	142.65	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1635429	96.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	565889	135.34	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2395297	82.21	ng	-0.01
78) Terphenyl-d14	12.88	244	2293604	80.48	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	203255	31.67	ng	87
3) Pyridine	3.08	79	510331	29.85	ng	# 82
4) n-Nitrosodimethylamine	3.04	42	293902	40.01	ng	# 75
6) Aniline	6.44	93	377902	19.02	ng	88
8) 2-Chlorophenol	6.57	128	701415	51.11	ng	90
9) Benzaldehyde	6.32	77	110433	10.59	ng	79
10) Phenol	6.43	94	697610	39.36	ng	94
11) bis(2-Chloroethyl)ether	6.51	93	619135	46.50	ng	94
12) 1,3-Dichlorobenzene	6.72	146	727417	48.88	ng	99
13) 1,4-Dichlorobenzene	6.80	146	710357	48.39	ng	97
14) 1,2-Dichlorobenzene	6.94	146	664267	50.22	ng	98
15) Benzyl Alcohol	6.92	79	600710	50.19	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	966783	46.86	ng	79
17) 2-Methylphenol	7.05	107	602475	53.06	ng	# 78
18) Hexachloroethane	7.29	117	281522	49.14	ng	# 88
19) n-Nitroso-di-n-propylamine	7.20	70	489029	51.59	ng	# 81
20) 3+4-Methylphenols	7.20	107	702927	58.24	ng	# 86
22) Acetophenone	7.18	105	967964	42.69	ng	# 96
24) Nitrobenzene	7.36	77	718179	40.09	ng	93
25) Isophorone	7.61	82	1441412	47.82	ng	96
26) 2-Nitrophenol	7.68	139	372086	47.06	ng	# 84
27) 2,4-Dimethylphenol	7.72	122	629117	45.30	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	751523	42.50	ng	99
29) 2,4-Dichlorophenol	7.93	162	629455	52.09	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	627793	45.71	ng	96
31) Naphthalene	8.08	128	2021026	45.90	ng	99
32) Benzoic acid	7.86	122	427928	43.45	ng	93
33) 4-Chloroaniline	8.13	127	211625	11.15	ng	96
34) Hexachlorobutadiene	8.20	225	324158	41.17	ng	98
35) Caprolactam	8.51	113	138596	39.27	ng	# 53
36) 4-Chloro-3-methylphenol	8.62	107	666687	49.19	ng	100
37) 2-Methylnaphthalene	8.77	142	1207376	42.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	576830	41.78	ng	99
40) Hexachlorocyclopentadiene	8.93	237	606080	98.46	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091675.D
 Acq On : 16 Dec 2016 16:24
 Operator : UM/SJ
 Sample : PB95362BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

Quant Time: Dec 16 21:58:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

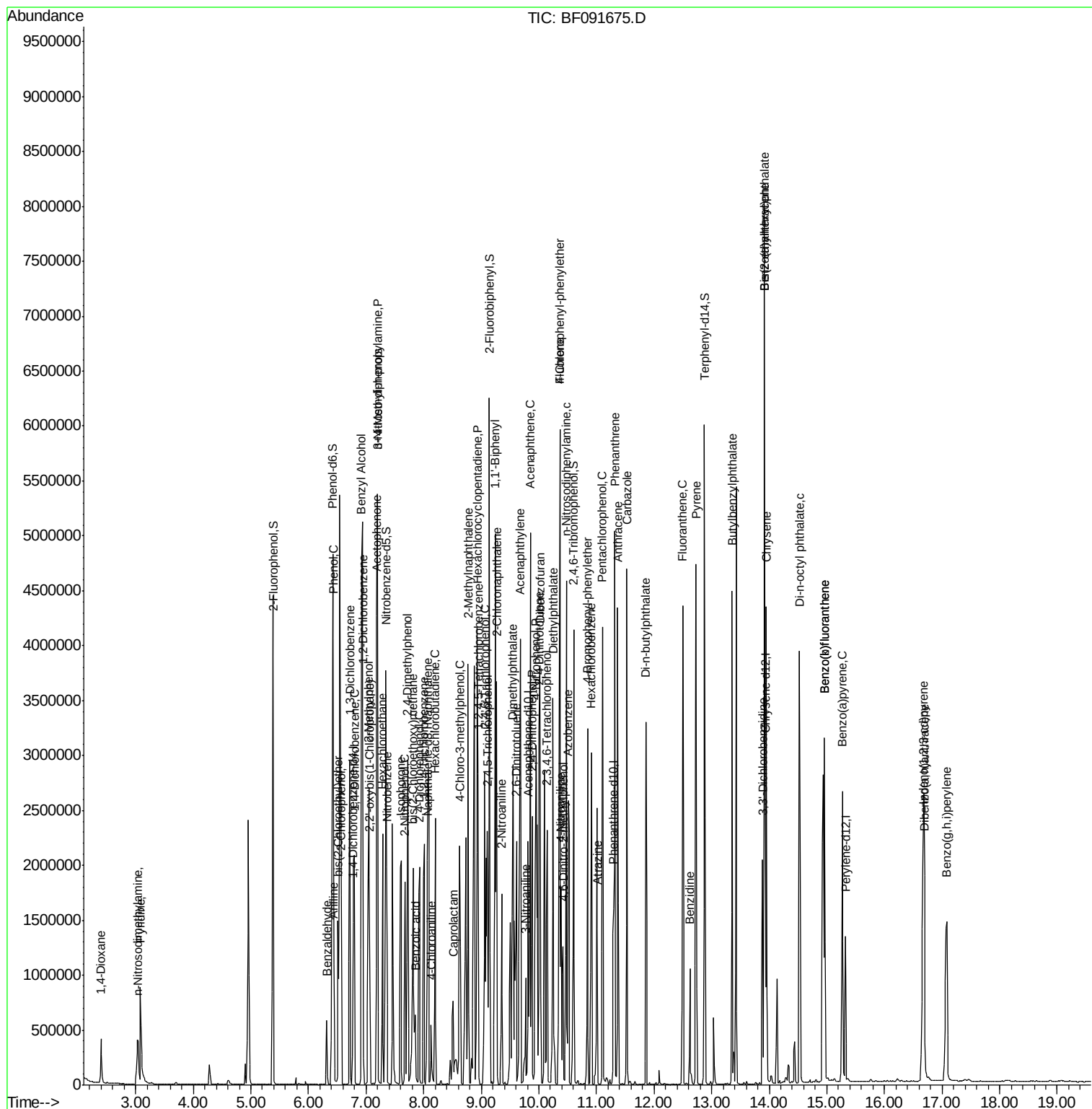
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	407127	45.89	ng	95
43) 2,4,5-Trichlorophenol	9.10	196	415337	45.56	ng	95
45) 1,1'-Biphenyl	9.24	154	1661905	45.58	ng	97
46) 2-Chloronaphthalene	9.26	162	1264219	44.77	ng	98
47) 2-Nitroaniline	9.36	65	385245	40.57	ng	87
48) Acenaphthylene	9.68	152	1875715	43.58	ng	99
49) Dimethylphthalate	9.55	163	1545888	48.50	ng	99
50) 2,6-Dinitrotoluene	9.61	165	363043	51.89	ng	# 76
51) Acenaphthene	9.85	154	1425861	47.70	ng	97
52) 3-Nitroaniline	9.77	138	149737	18.22	ng	98
53) 2,4-Dinitrophenol	9.88	184	375850	87.49	ng	89
54) Dibenzofuran	10.02	168	1610537	43.54	ng	99
55) 4-Nitrophenol	9.95	139	629096	102.88	ng	# 81
56) 2,4-Dinitrotoluene	10.01	165	419890	47.88	ng	# 62
57) Fluorene	10.36	166	1223577	46.46	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	364706	51.10	ng	98
59) Diethylphthalate	10.25	149	1519223	49.50	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	585015	43.99	ng	97
61) 4-Nitroaniline	10.38	138	324014	39.67	ng	91
62) Azobenzene	10.51	77	1661915	47.78	ng	88
64) 4,6-Dinitro-2-methylphenol	10.42	198	263396	53.86	ng	# 44
65) n-Nitrosodiphenylamine	10.48	169	1169698	49.07	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	365197	44.55	ng	95
67) Hexachlorobenzene	10.91	284	407227	47.77	ng	# 86
68) Atrazine	11.01	200	405378	52.88	ng	91
69) Pentachlorophenol	11.10	266	440175	91.75	ng	96
70) Phenanthrene	11.32	178	2068048	52.23	ng	99
71) Anthracene	11.37	178	1941457	45.46	ng	100
72) Carbazole	11.53	167	1850485	49.43	ng	100
73) Di-n-butylphthalate	11.86	149	1951028	44.73	ng	# 98
74) Fluoranthene	12.50	202	1947336	46.97	ng	95
76) Benzidine	12.63	184	420888	21.05	ng	98
77) Pyrene	12.73	202	1954972	38.10	ng	99
79) Butylbenzylphthalate	13.36	149	1060212	53.01	ng	100
80) Benzo(a)anthracene	13.92	228	1572885	41.88	ng	100
81) 3,3'-Dichlorobenzidine	13.88	252	426519	31.63	ng	99
82) Chrysene	13.95	228	1486079	37.82	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1165873	45.44	ng	# 97
84) Di-n-octyl phthalate	14.52	149	2244972	51.54	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.67	276	1605151	45.40	ng	99
87) Benzo(b)fluoranthene	14.96	252	3028477	94.15	ng	99
88) Benzo(k)fluoranthene	14.96	252	3028477	107.08	ng	99
89) Benzo(a)pyrene	15.27	252	1385324	47.81	ng	99
90) Dibenzo(a,h)anthracene	16.69	278	1298509	50.02	ng	# 94
91) Benzo(g,h,i)perylene	17.08	276	1344564	50.89	ng	97

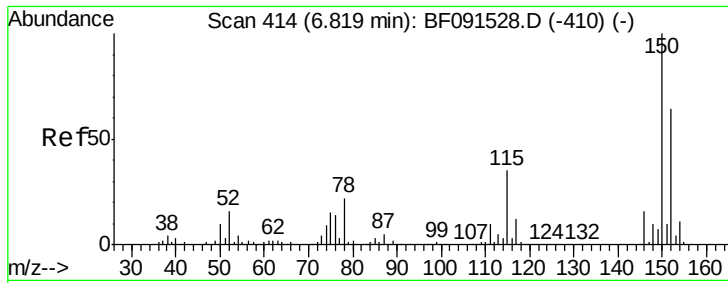
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\  
Data File : BF091675.D  
Acq On    : 16 Dec 2016   16:24  
Operator  : UM/SJ  
Sample    : PB95362BS  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB95362BS

Quant Time: Dec 16 21:58:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

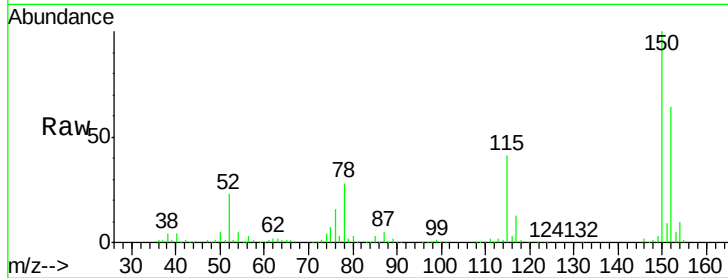
Tgt Ion: 152 Resp: 204839

Ion Ratio Lower Upper

152 100

150 156.7 122.5 183.7

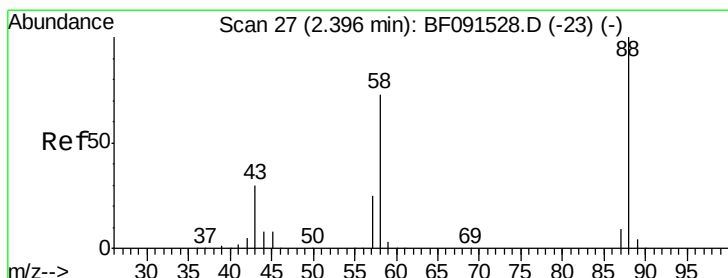
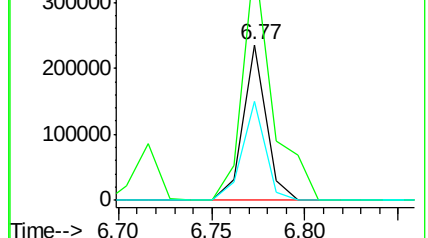
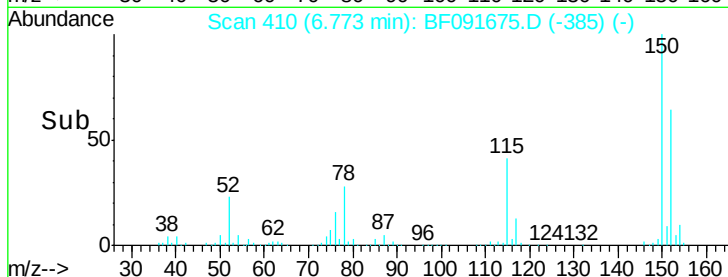
115 63.7 51.8 77.8



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: 31.67 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.07 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

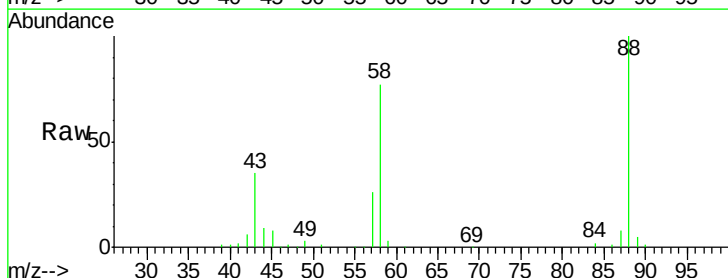
Tgt Ion: 88 Resp: 203255

Ion Ratio Lower Upper

88 100

58 72.6 70.3 105.5

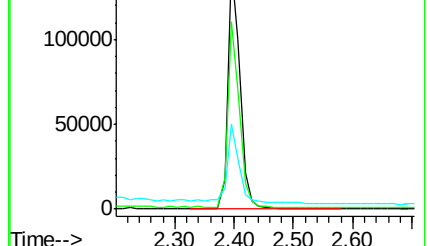
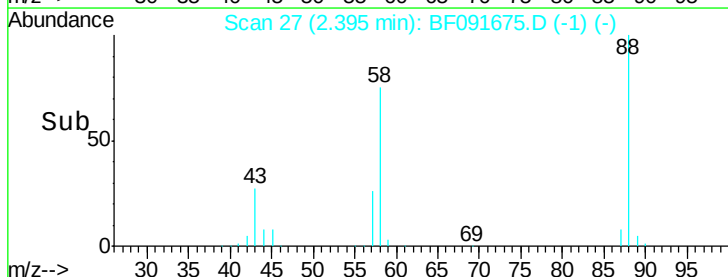
43 36.5 31.3 46.9

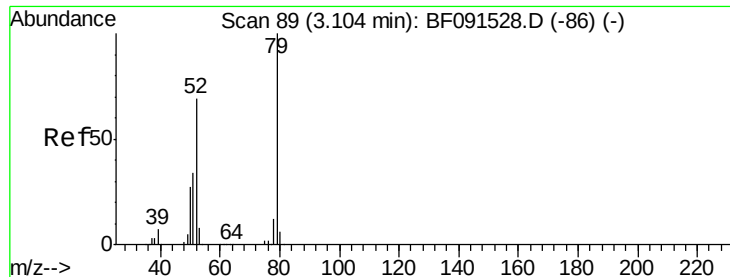


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

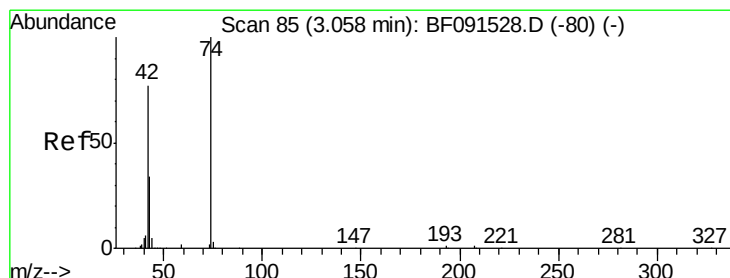
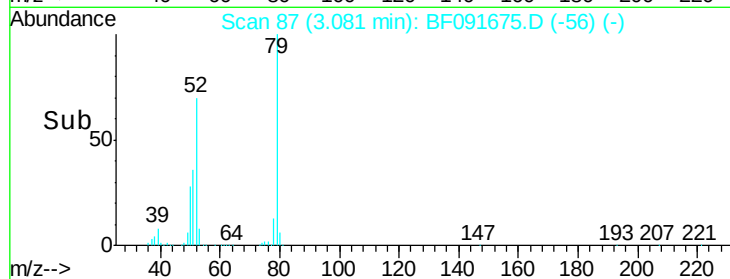
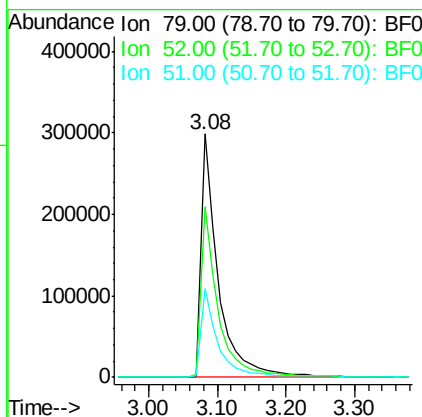
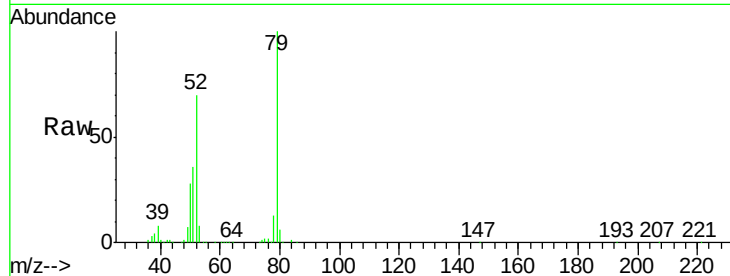




#3
 Pyridine
 Concen: 29.85 ng
 RT: 3.08 min Scan# 87
 Delta R.T. 0.06 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

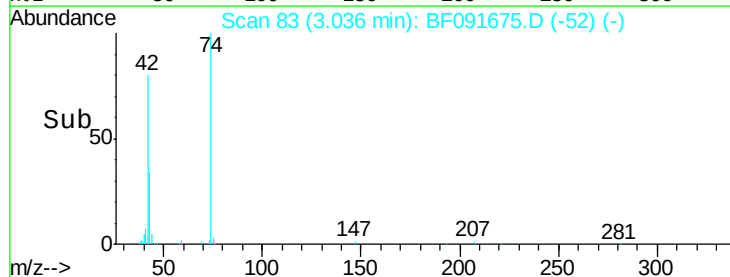
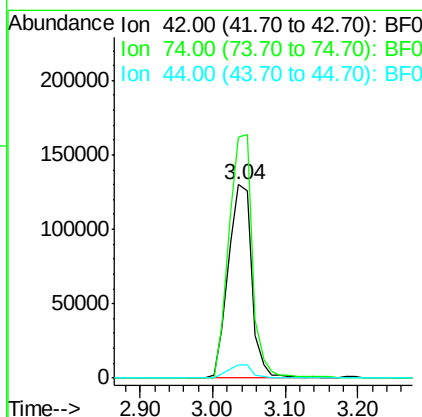
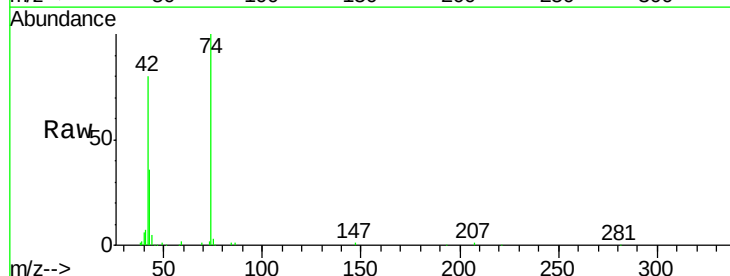
Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

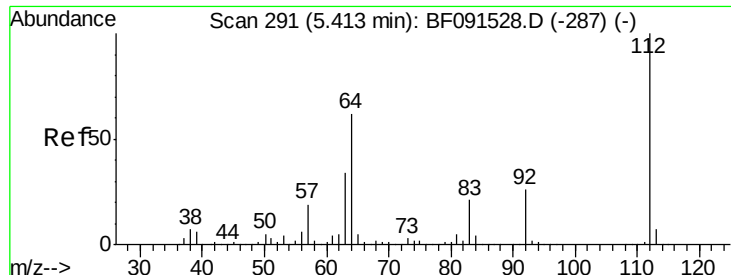
Tgt Ion: 79 Resp: 510331
 Ion Ratio Lower Upper
 79 100
 52 70.3 71.0 106.4#
 51 36.4 37.0 55.4#



#4
 n-Nitrosodimethylamine
 Concen: 40.01 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.06 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion: 42 Resp: 293902
 Ion Ratio Lower Upper
 42 100
 74 125.1 78.9 118.3#
 44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 149.90 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

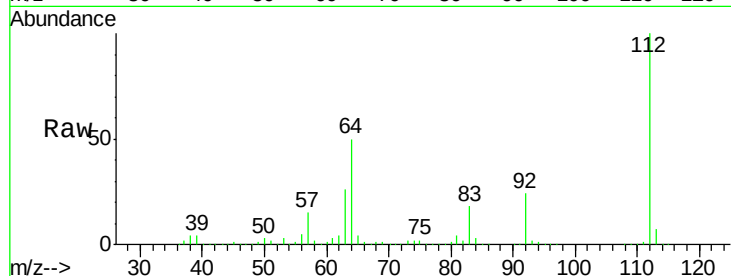
Tgt Ion: 112 Resp: 1822573

Ion Ratio Lower Upper

112 100

64 49.7 61.5 92.3#

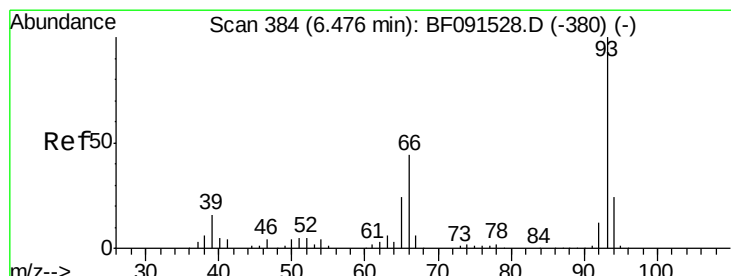
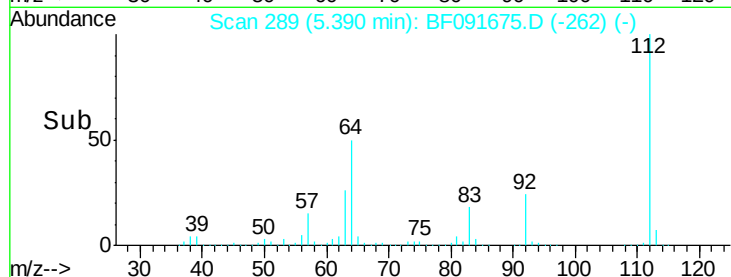
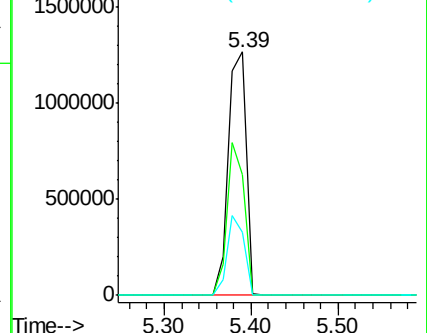
63 25.8 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.02 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

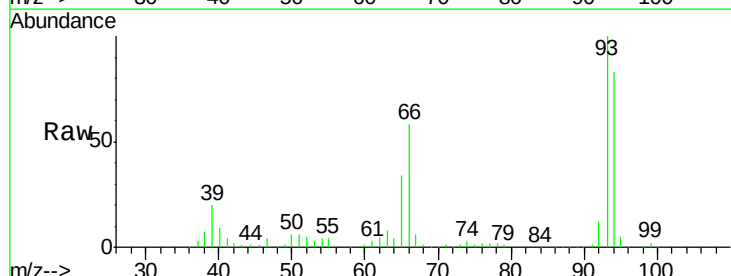
Tgt Ion: 93 Resp: 377902

Ion Ratio Lower Upper

93 100

66 57.6 55.8 83.6

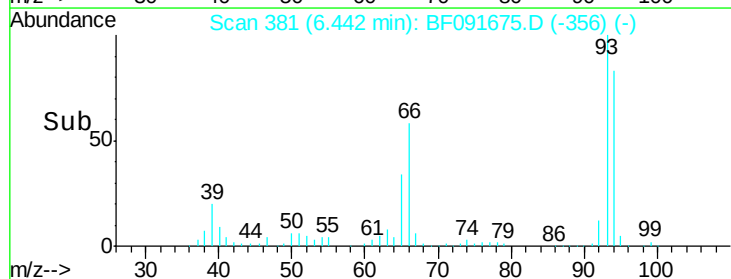
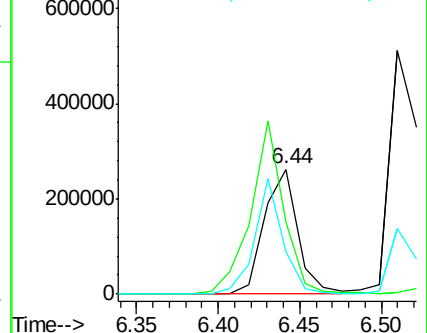
65 33.9 29.9 44.9

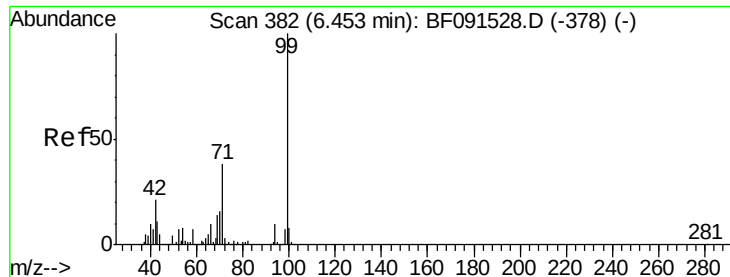


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.65 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

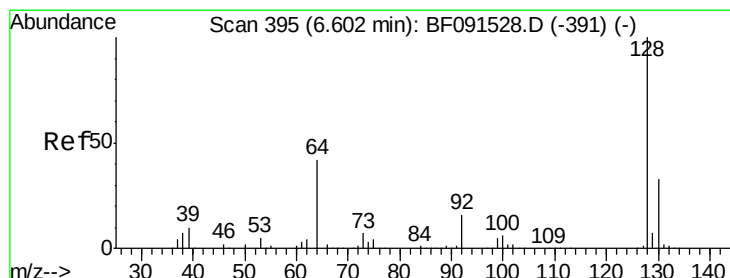
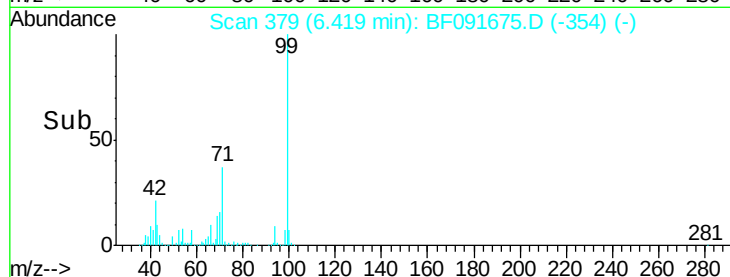
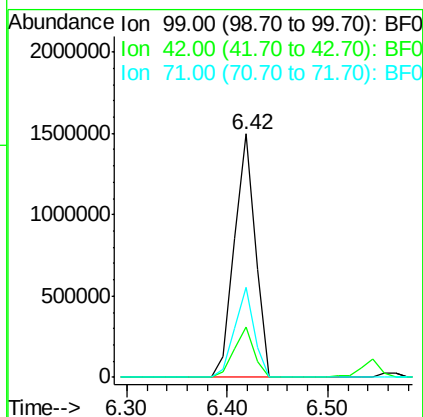
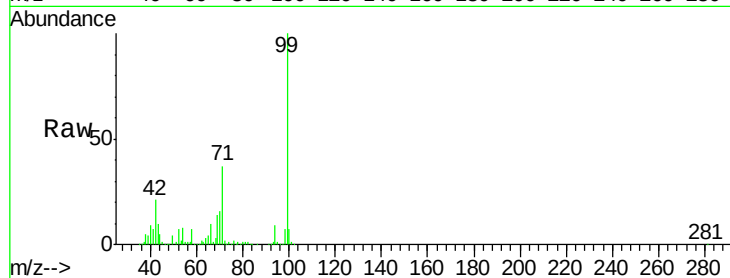
BNA_F

ClientSampleId :

PB95362BS

Tgt Ion: 99 Resp: 2162190

Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.6	31.0#
71	36.8	29.9	44.9



#8

2-Chlorophenol

Concen: 51.11 ng

RT: 6.57 min Scan# 392

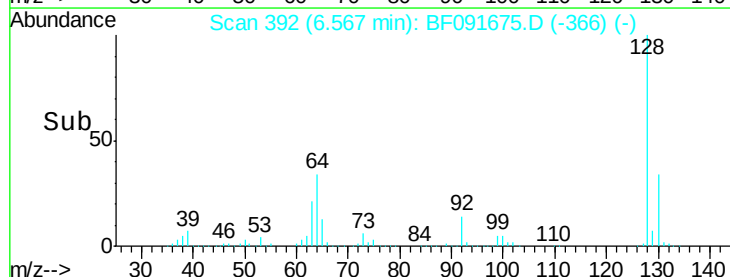
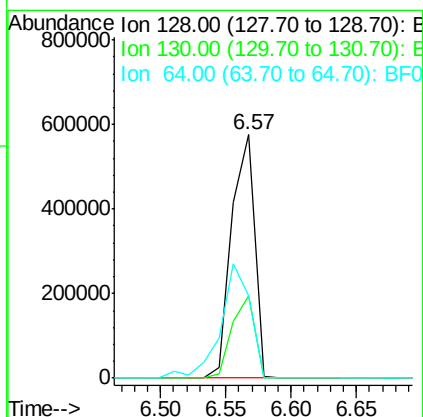
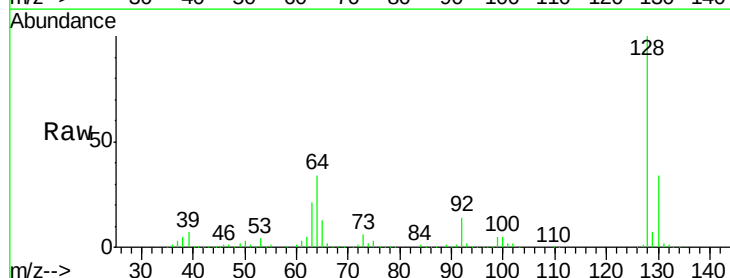
Delta R.T. 0.00 min

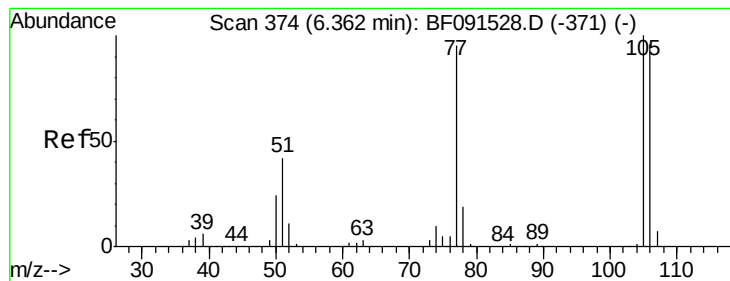
Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Tgt Ion: 128 Resp: 701415

Ion	Ratio	Lower	Upper
128	100		
130	34.1	13.1	53.1
64	33.6	24.1	64.1





#9

Benzaldehyde

Concen: 10.59 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

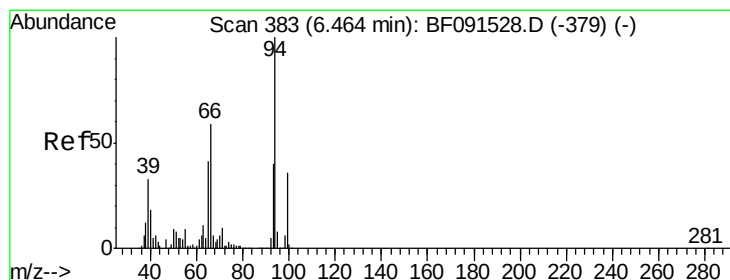
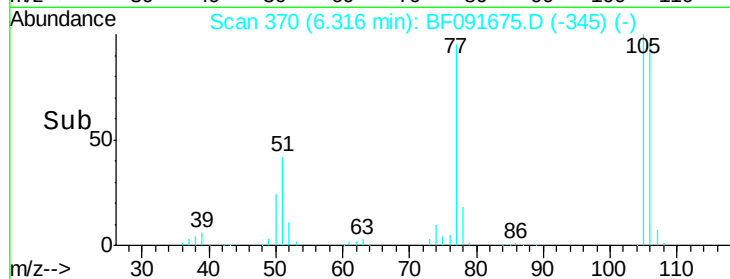
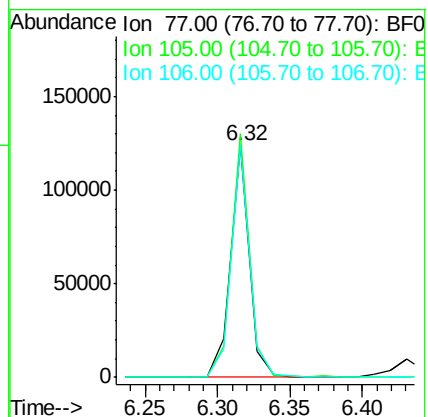
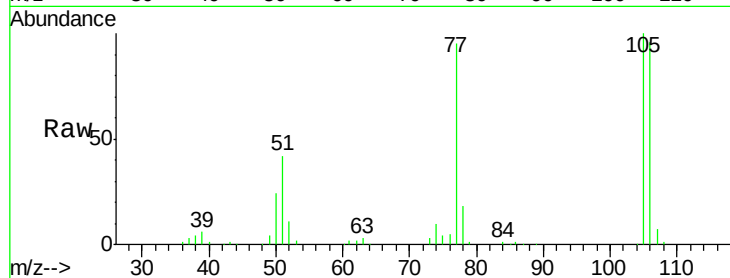
Tgt Ion: 77 Resp: 110433

Ion Ratio Lower Upper

77 100

105 105.0 66.4 106.4

106 100.3 60.9 100.9



#10

Phenol

Concen: 39.36 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

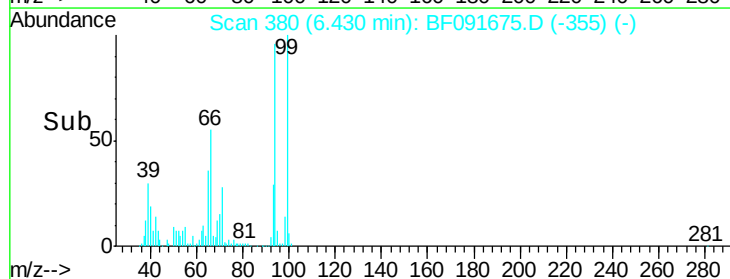
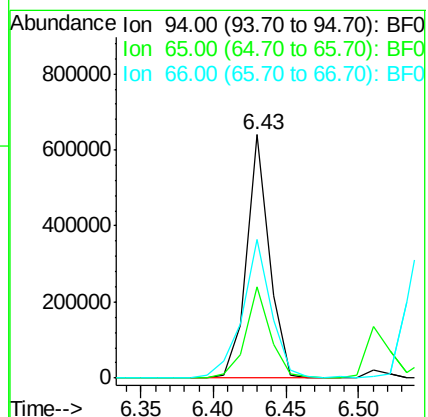
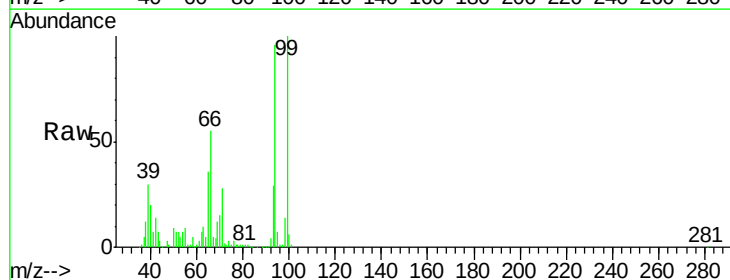
Tgt Ion: 94 Resp: 697610

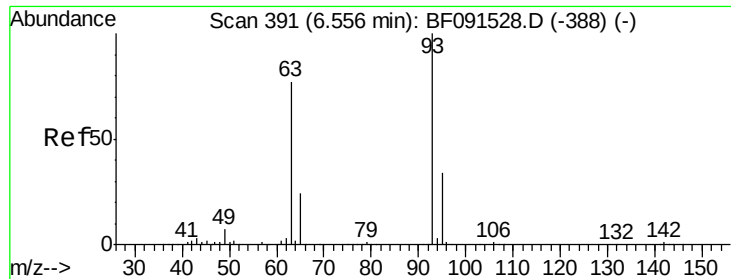
Ion Ratio Lower Upper

94 100

65 37.7 16.9 56.9

66 56.8 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 46.50 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

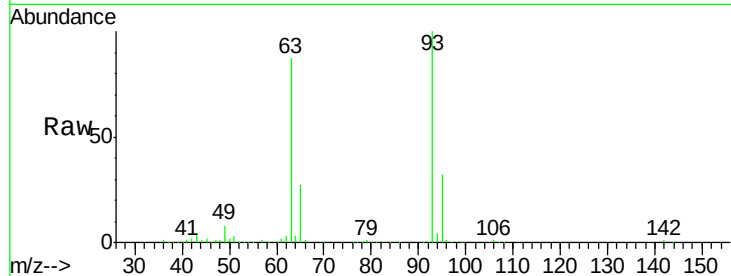
Tgt Ion: 93 Resp: 619135

Ion Ratio Lower Upper

93 100

63 87.0 74.8 114.8

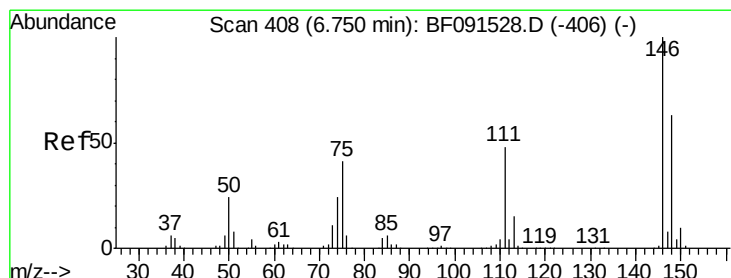
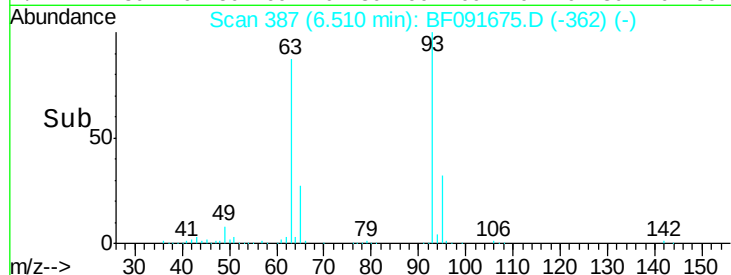
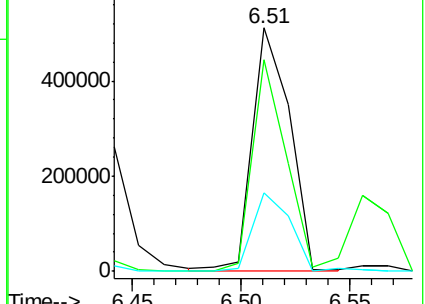
95 32.1 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 48.88 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

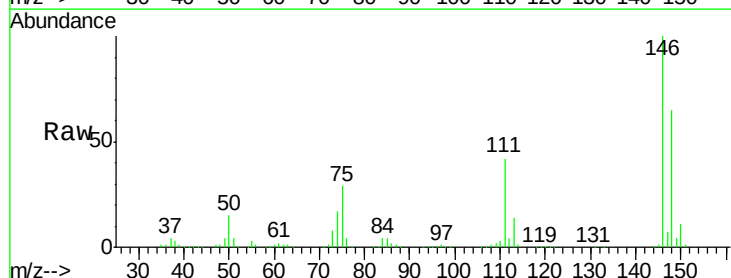
Tgt Ion: 146 Resp: 727417

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

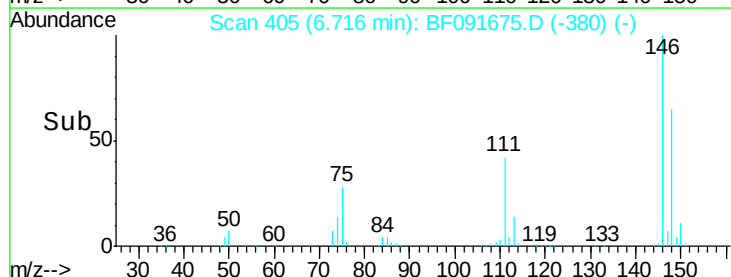
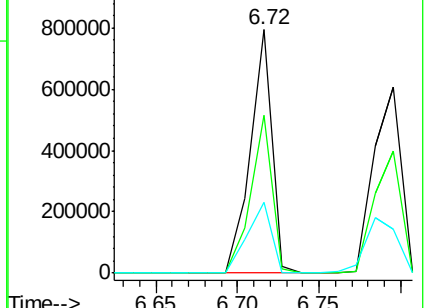
75 29.2 23.6 35.4

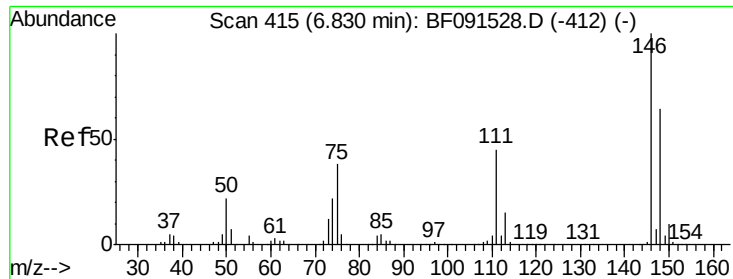


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

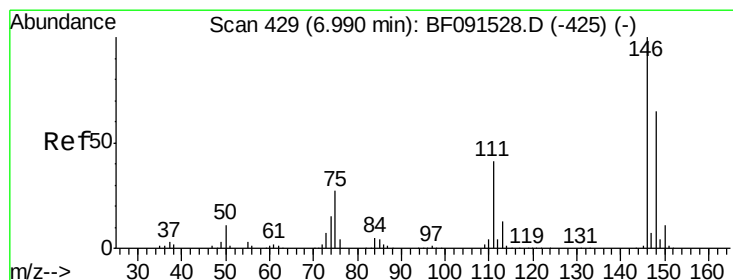
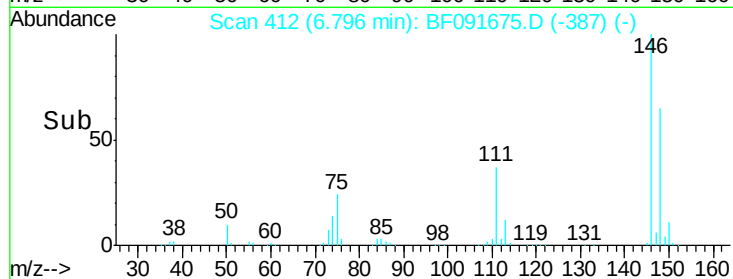
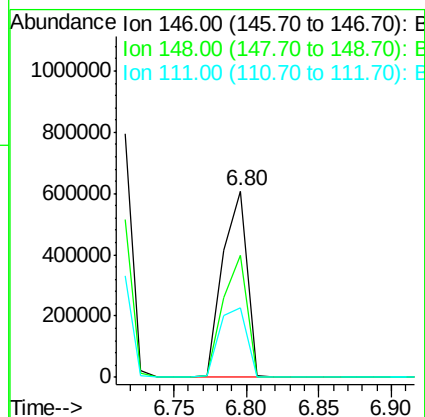
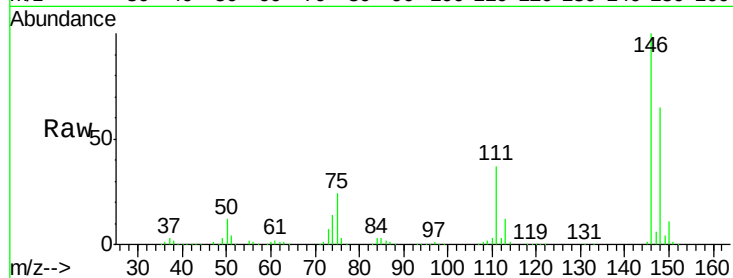




#13
 1,4-Dichlorobenzene
 Concen: 48.39 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

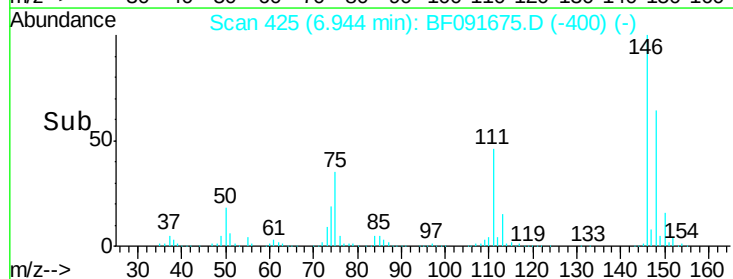
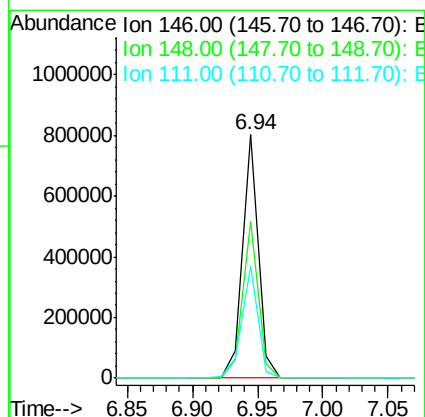
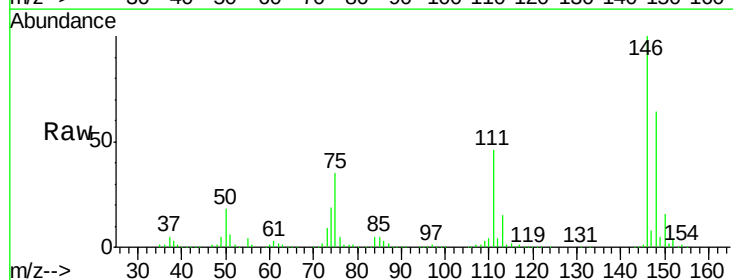
Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

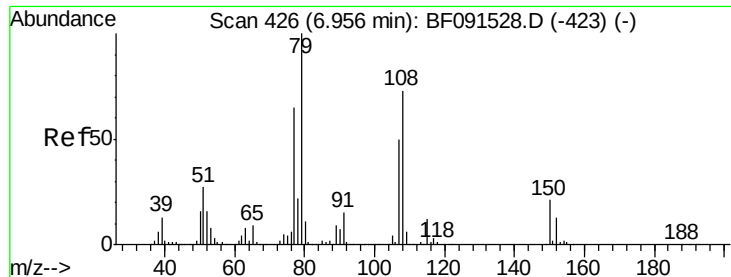
Tgt Ion:146 Resp: 710357
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.4 77.0
 111 37.2 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 50.22 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion:146 Resp: 664267
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.6
 111 46.0 38.9 58.3





#15

Benzyl Alcohol

Concen: 50.19 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

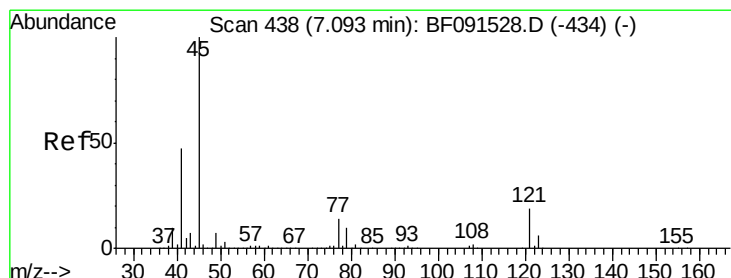
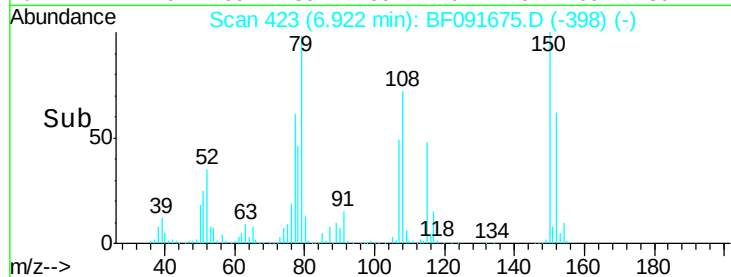
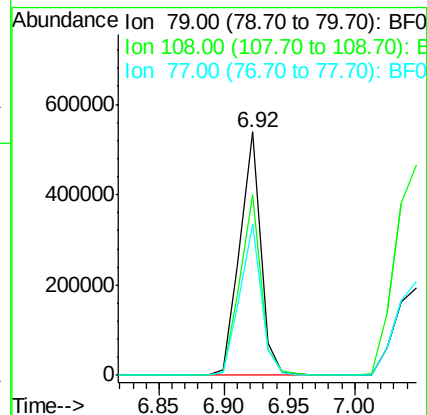
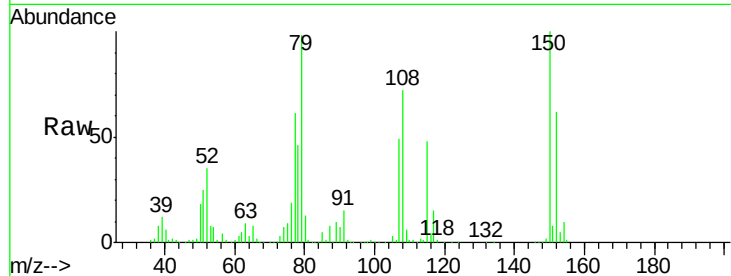
Tgt Ion: 79 Resp: 600710

Ion Ratio Lower Upper

79 100

108 74.2 62.7 94.1

77 62.1 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.86 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

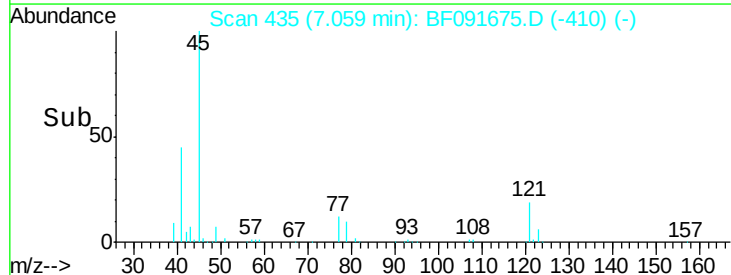
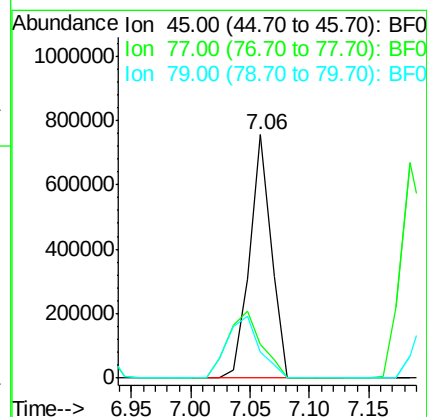
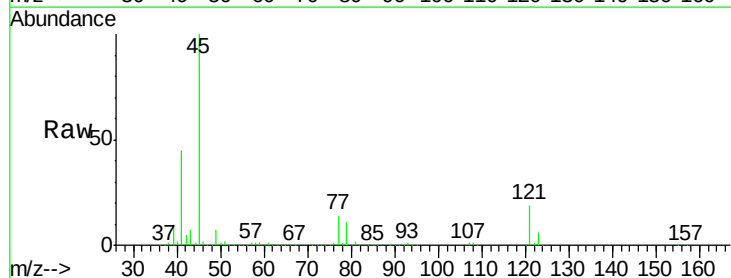
Tgt Ion: 45 Resp: 966783

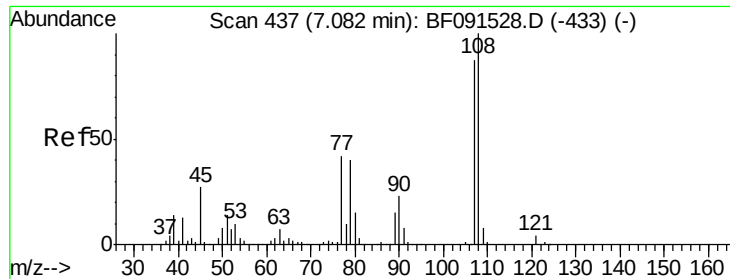
Ion Ratio Lower Upper

45 100

77 13.7 3.8 43.8

79 10.8 0.2 40.2





#17

2-Methylphenol

Concen: 53.06 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

Tgt Ion:107 Resp: 602475

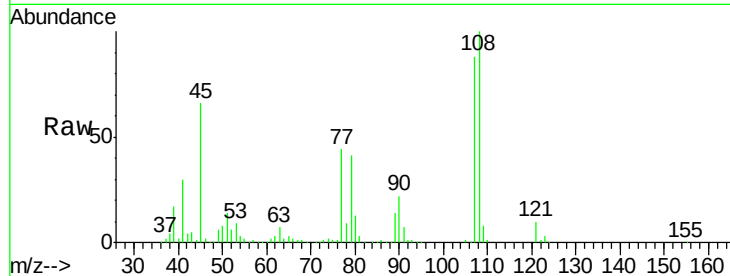
Ion Ratio Lower Upper

107 100

108 113.5 67.7 101.5#

77 50.4 40.7 61.1

79 46.7 23.4 35.2#

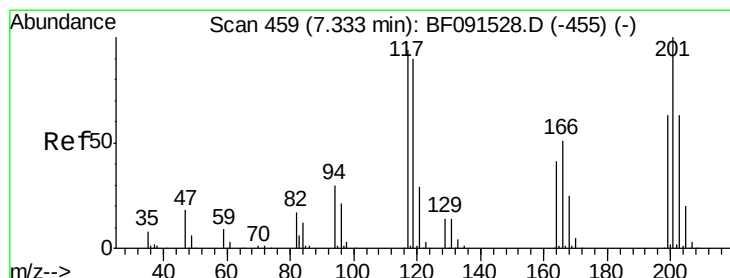
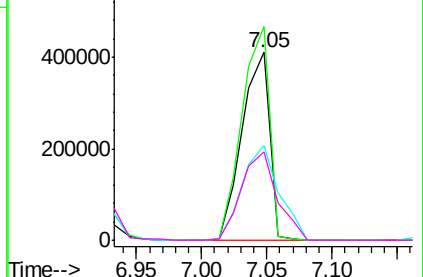
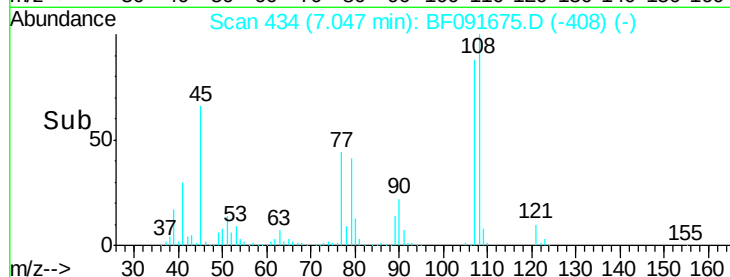


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.14 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

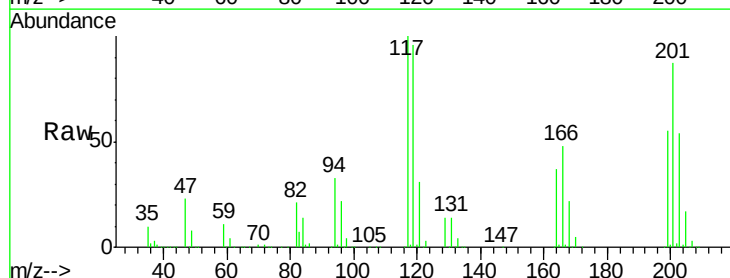
Tgt Ion:117 Resp: 281522

Ion Ratio Lower Upper

117 100

119 96.1 78.6 118.0

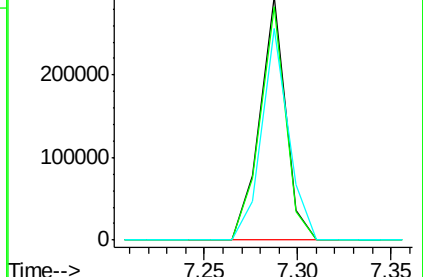
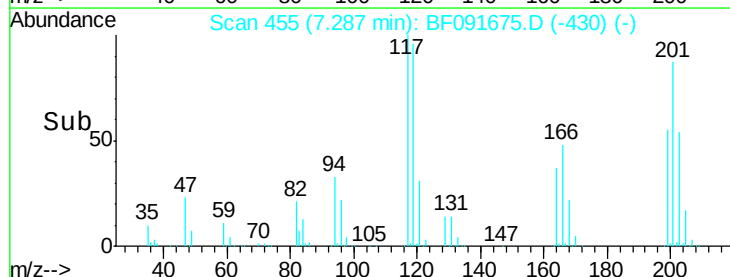
201 86.7 86.7 130.1#

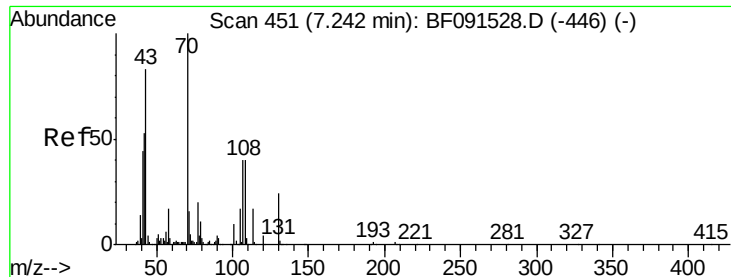


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

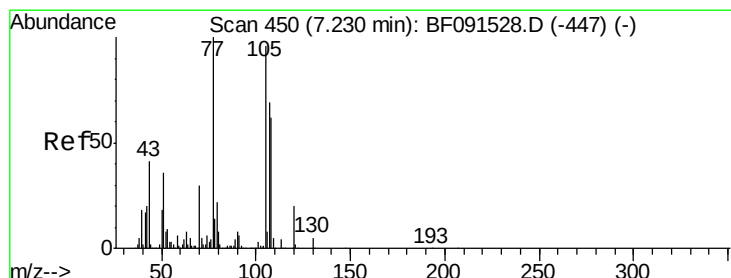
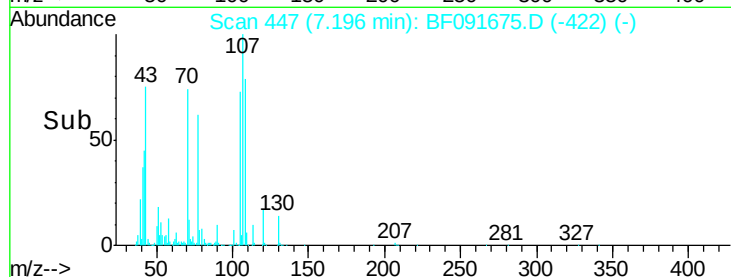
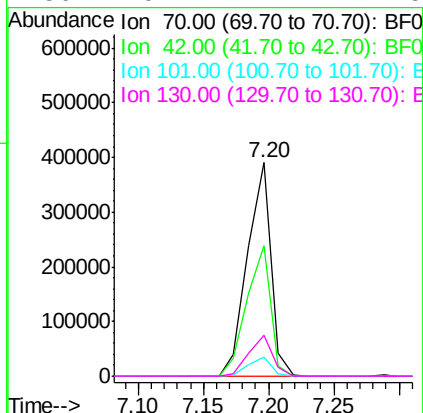
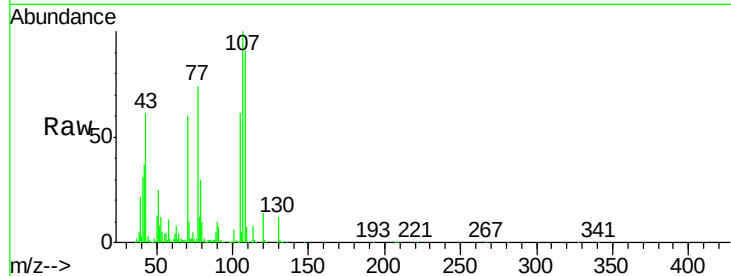




#19
n-Nitroso-di-n-propylamine
Concen: 51.59 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

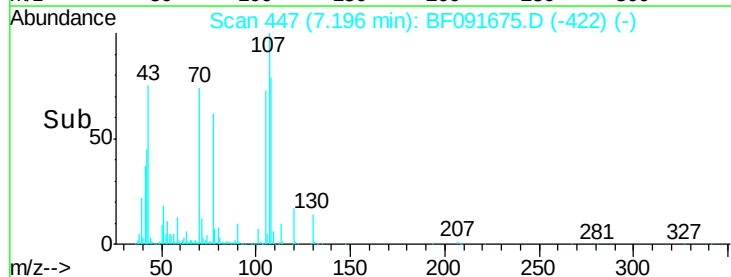
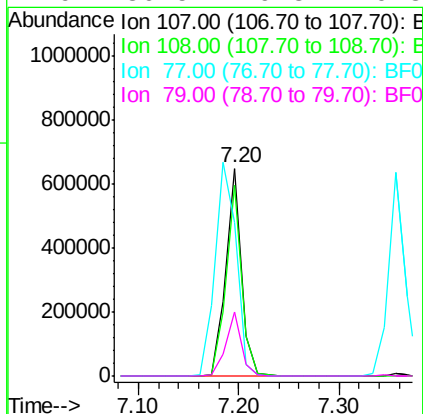
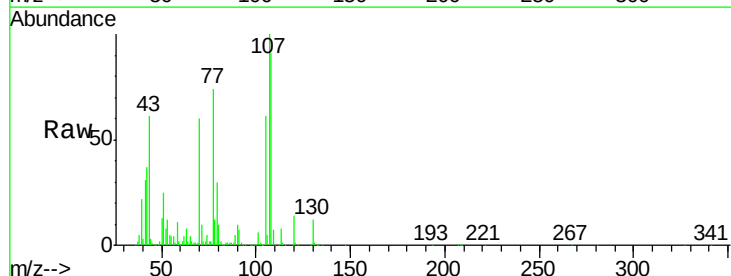
Instrument :
BNA_F
ClientSampleId :
PB95362BS

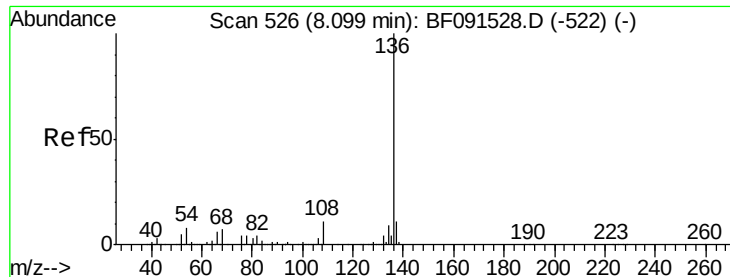
Tgt Ion: 70 Resp: 489029
Ion Ratio Lower Upper
70 100
42 61.1 64.8 97.2#
101 9.2 6.2 9.4
130 19.2 11.7 17.5#



#20
3+4-Methylphenols
Concen: 58.24 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion: 107 Resp: 702927
Ion Ratio Lower Upper
107 100
108 91.5 64.6 104.6
77 73.7 30.9 70.9#
79 30.5 9.3 49.3

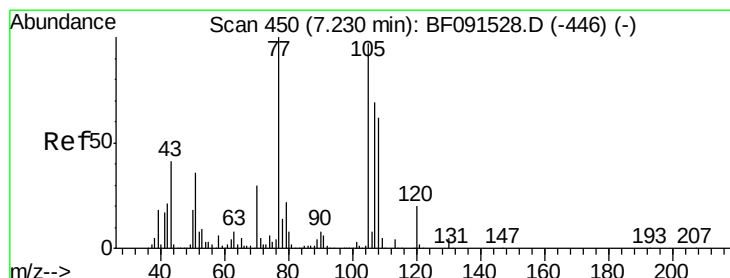
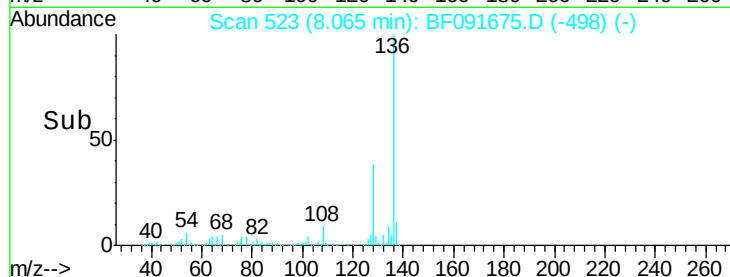
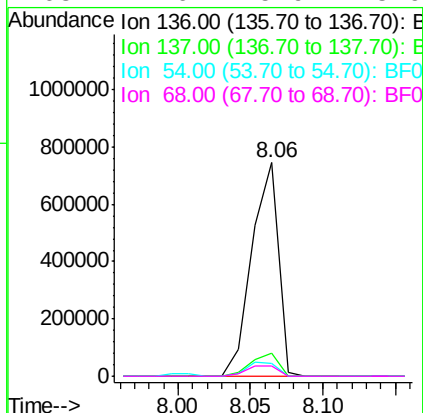
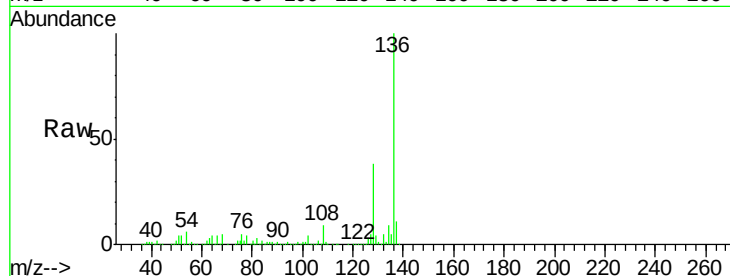




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

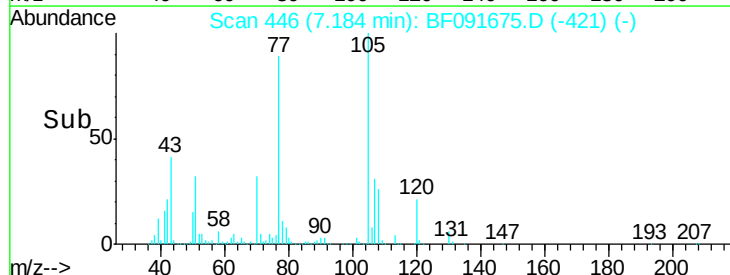
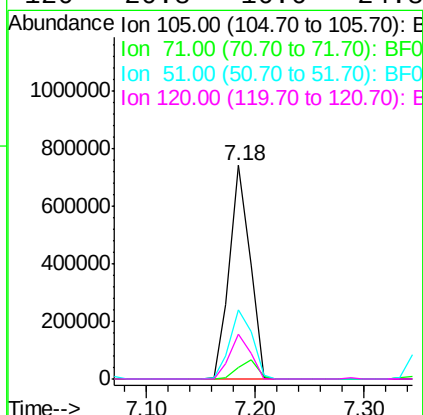
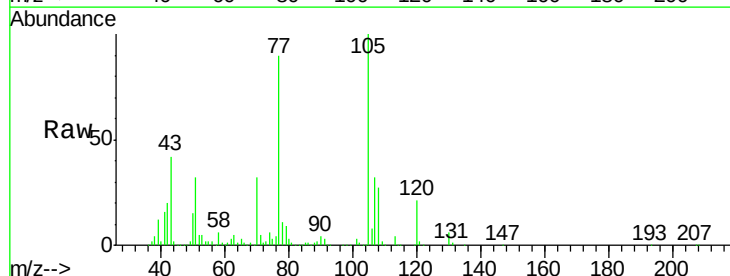
Instrument :
BNA_F
ClientSampleId :
PB95362BS

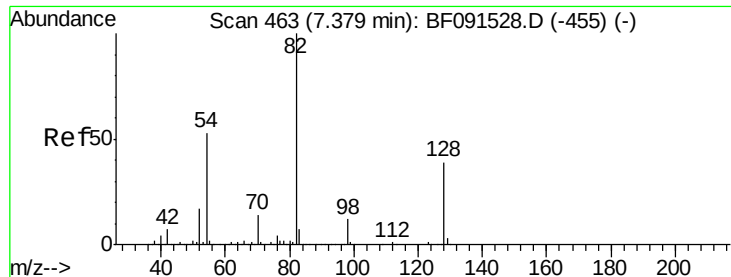
Tgt Ion:	136	Resp:	946441
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.9	9.1	13.7#
68	4.6	5.9	8.9#



#22
Acetophenone
Concen: 42.69 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:	105	Resp:	967964
Ion	Ratio	Lower	Upper
105	100		
71	5.1	7.9	11.9#
51	32.5	24.5	36.7
120	20.8	16.6	24.8

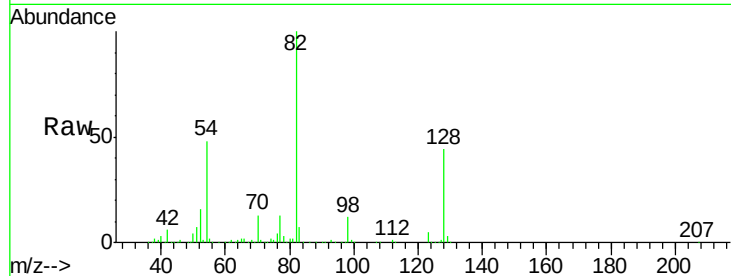




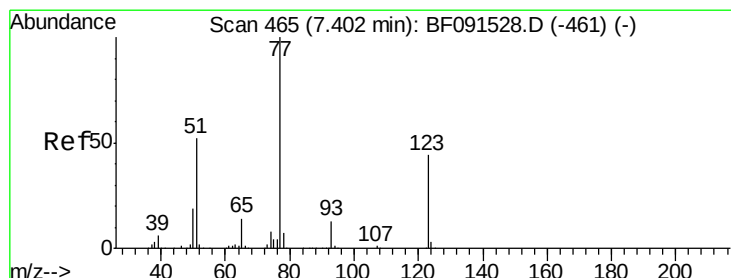
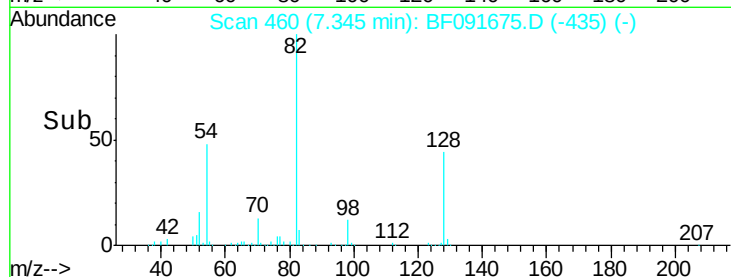
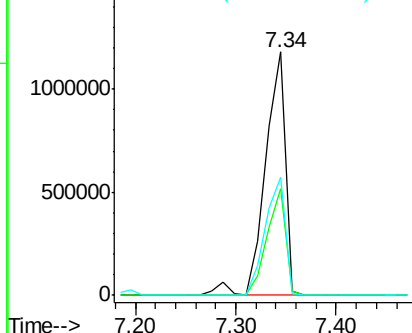
#23
 Nitrobenzene-d5
 Concen: 96.44 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

Tgt Ion: 82 Resp: 1635429
 Ion Ratio Lower Upper
 82 100
 128 43.9 31.8 47.6
 54 48.4 49.1 73.7#

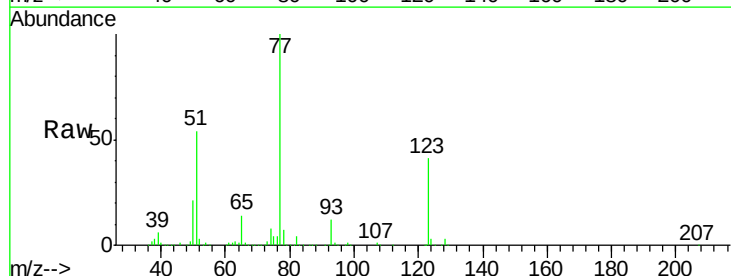


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

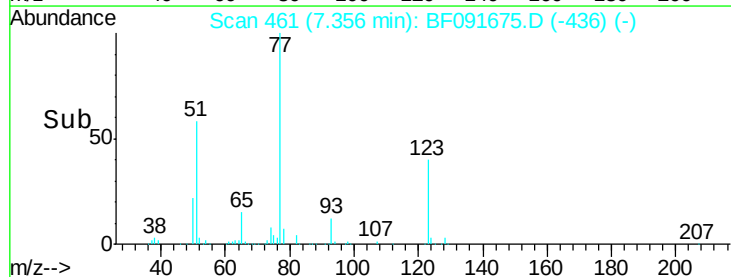
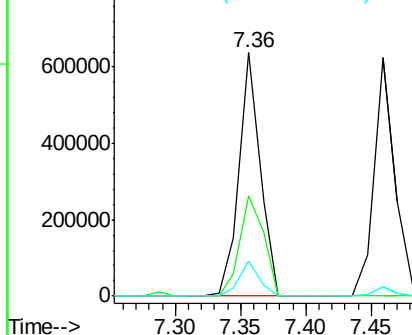


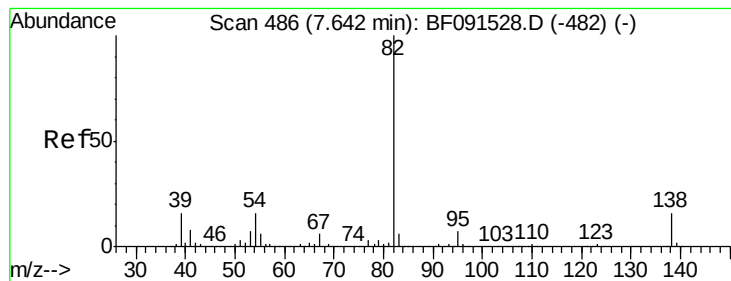
#24
 Nitrobenzene
 Concen: 40.09 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion: 77 Resp: 718179
 Ion Ratio Lower Upper
 77 100
 123 41.0 28.5 42.7
 65 14.1 12.5 18.7



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





#25

Isophorone

Concen: 47.82 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

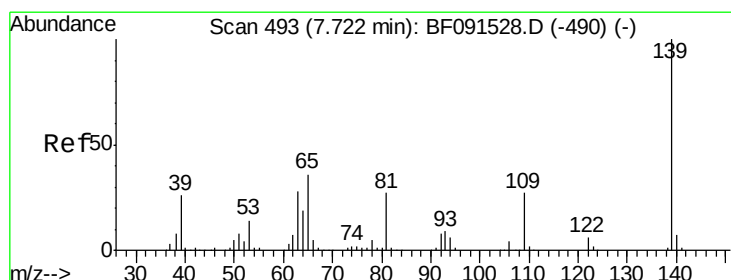
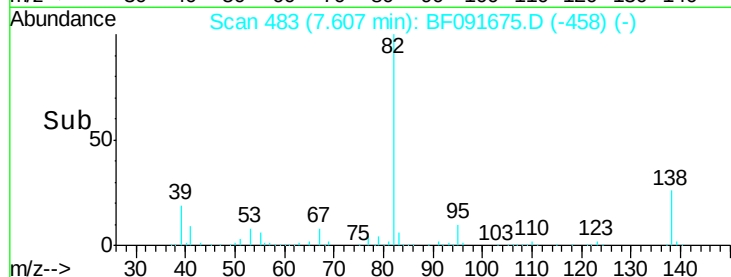
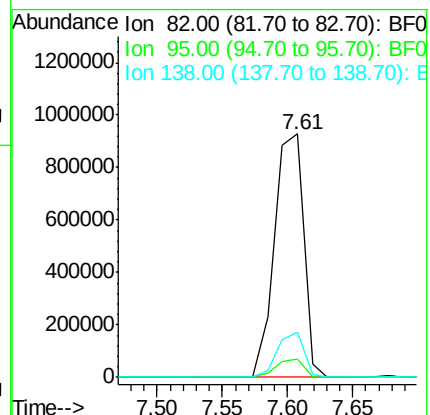
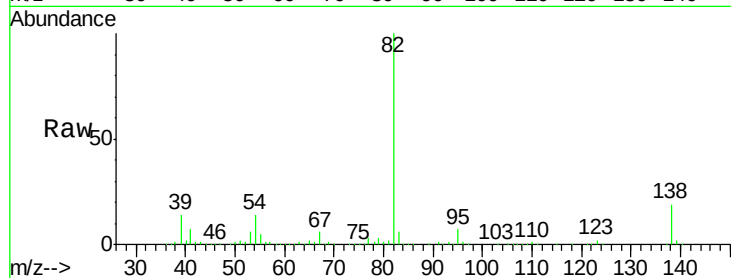
Tgt Ion: 82 Resp: 1441412

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 18.8 13.4 20.0



#26

2-Nitrophenol

Concen: 47.06 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

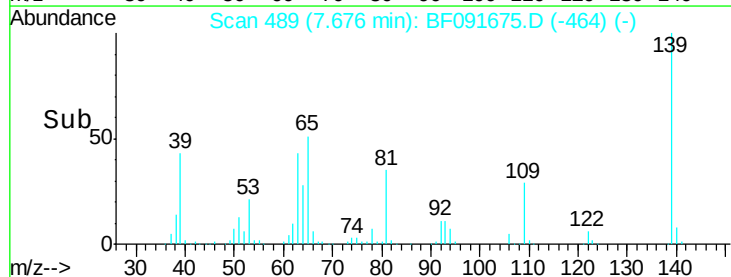
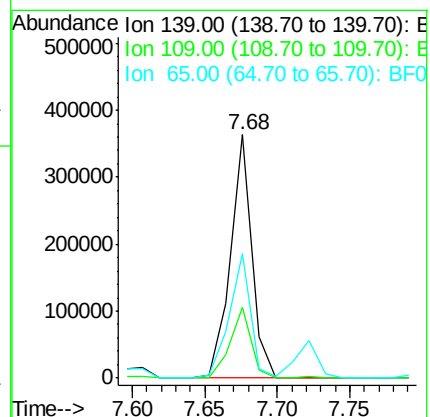
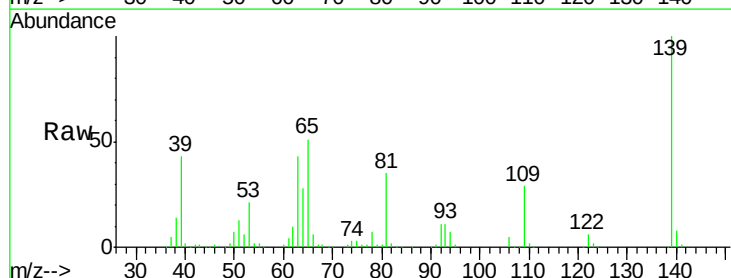
Tgt Ion: 139 Resp: 372086

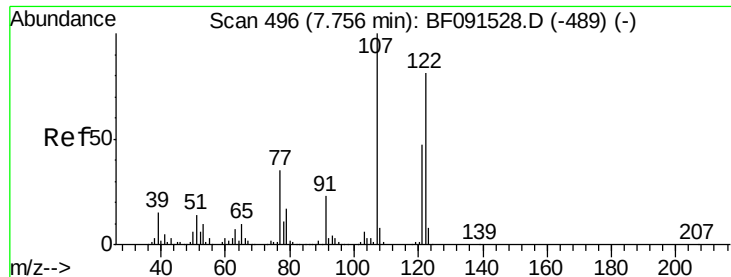
Ion Ratio Lower Upper

139 100

109 29.2 25.3 37.9

65 51.3 55.4 83.2#

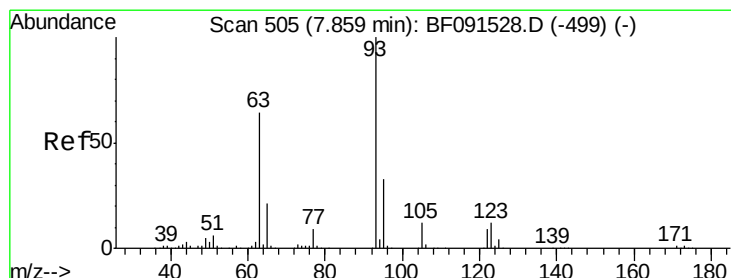
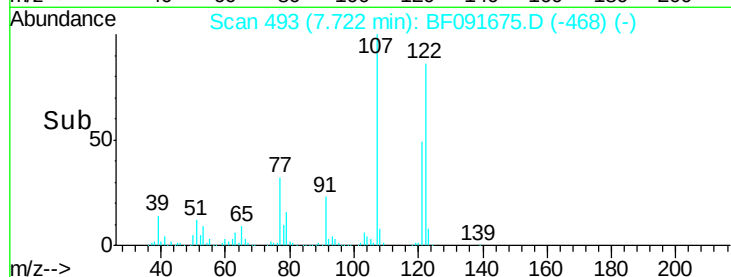
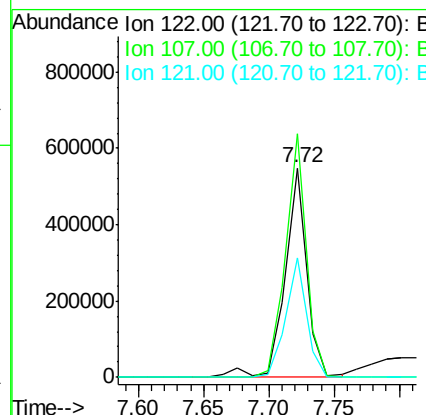
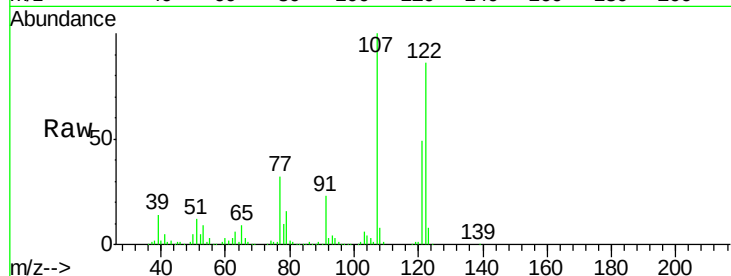




#27
 2,4-Dimethylphenol
 Concen: 45.30 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

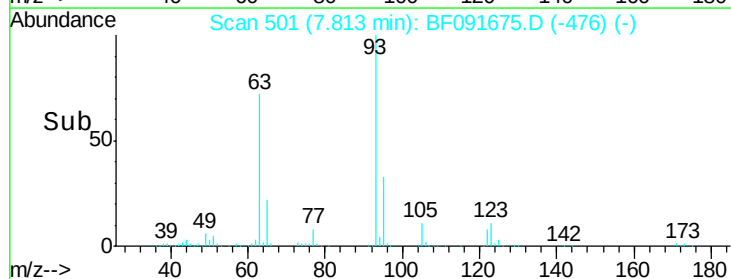
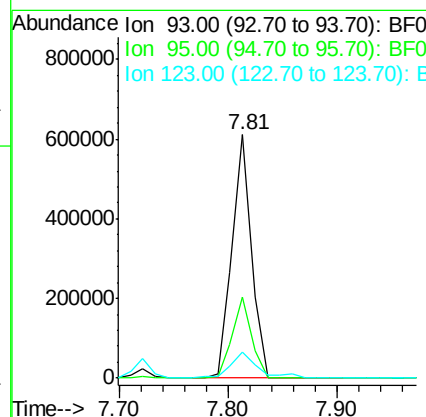
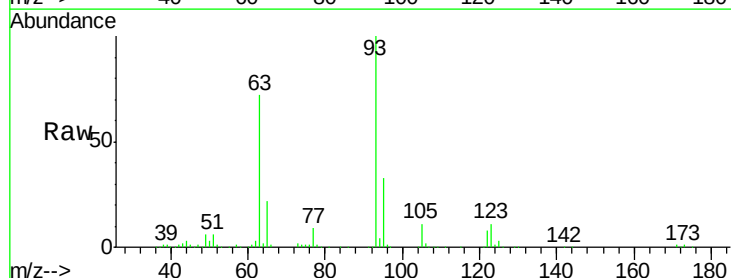
Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

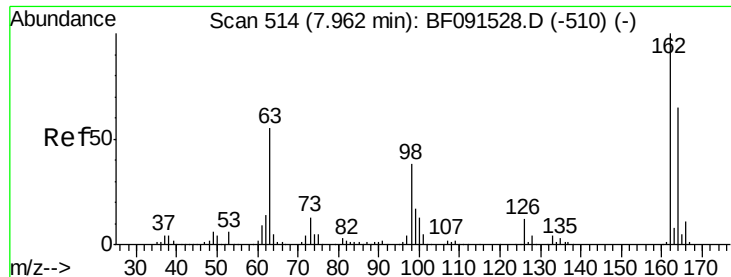
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.2	96.8	145.2
121	57.2	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.50 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	10.7	8.6	12.8

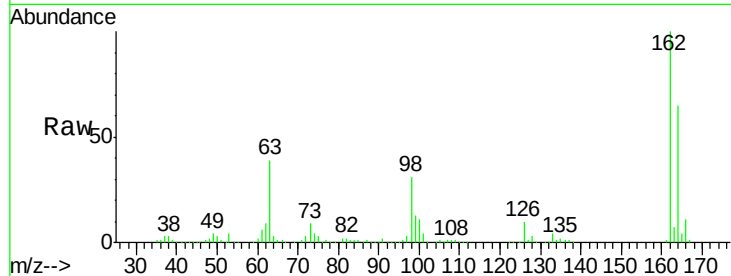




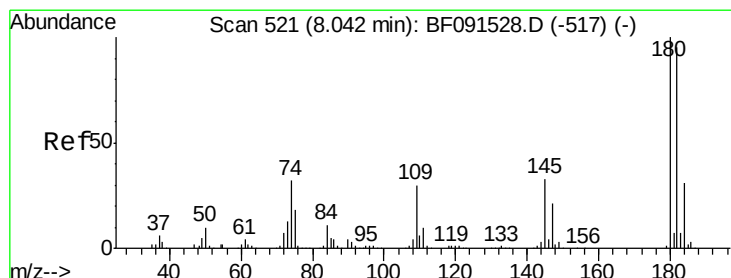
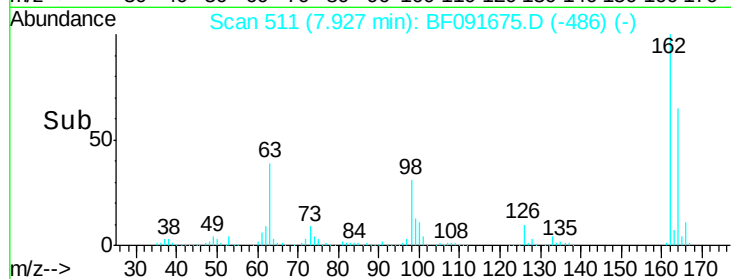
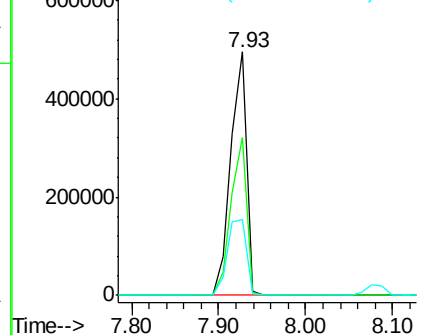
#29
2,4-Dichlorophenol
Concen: 52.09 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB95362BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.0	85.0
98	31.1	21.3	61.3

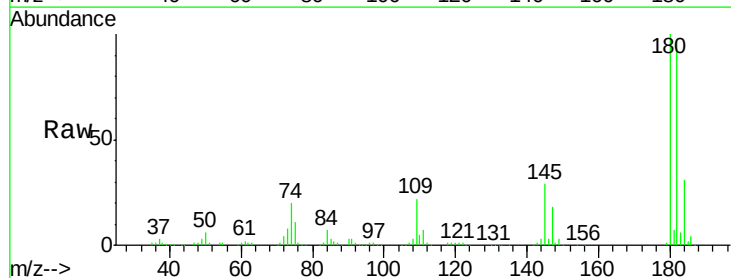


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

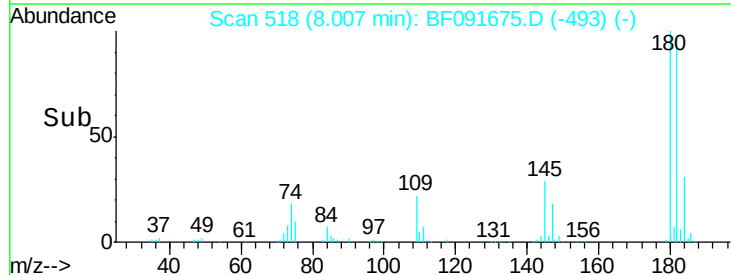
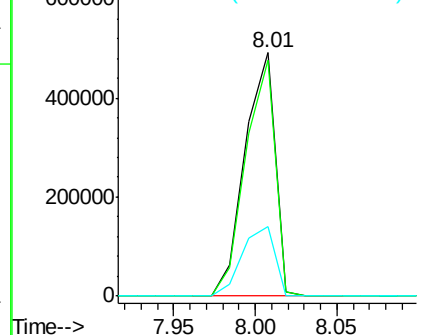


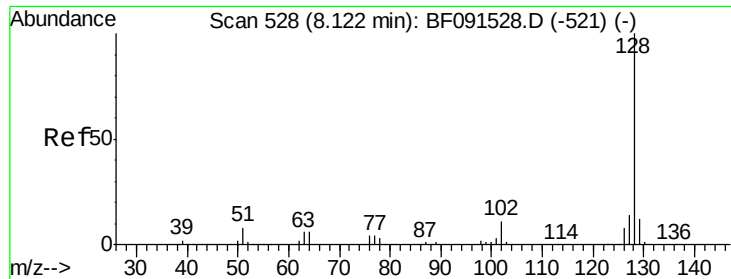
#30
1,2,4-Trichlorobenzene
Concen: 45.71 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.8
145	28.7	27.0	40.4



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

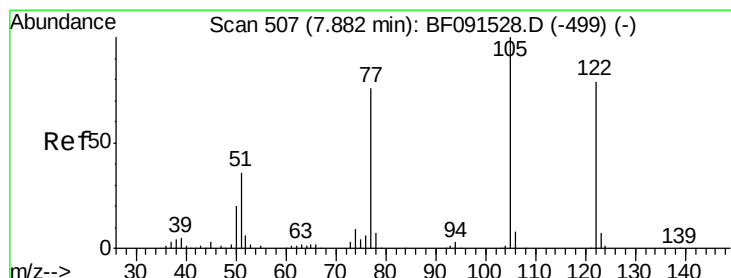
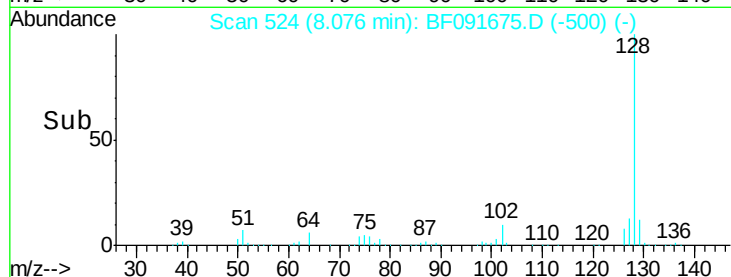
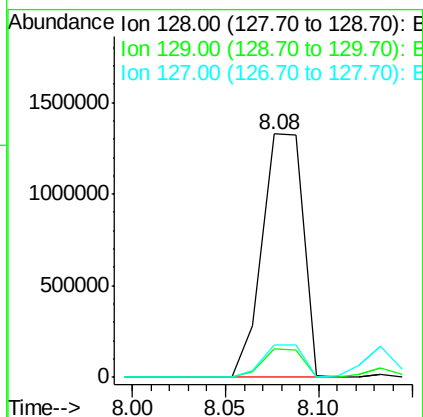
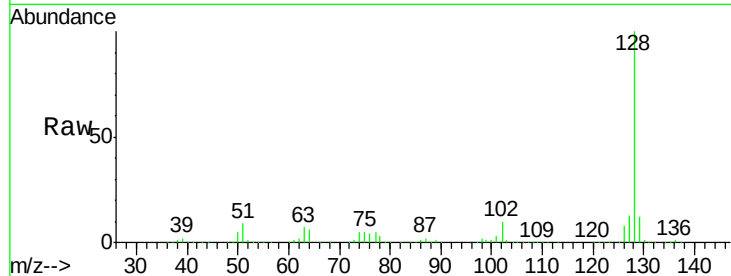




#31
Naphthalene
Concen: 45.90 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

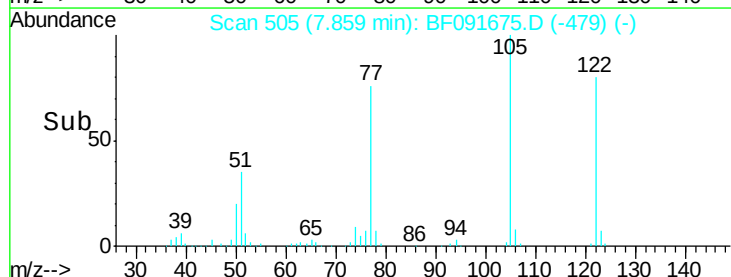
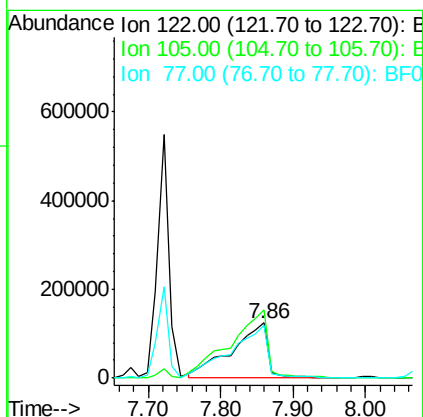
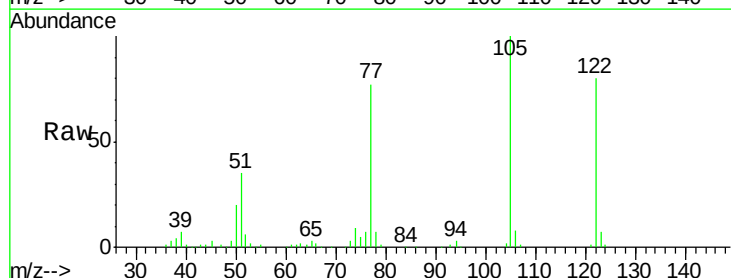
Instrument :
BNA_F
ClientSampleId :
PB95362BS

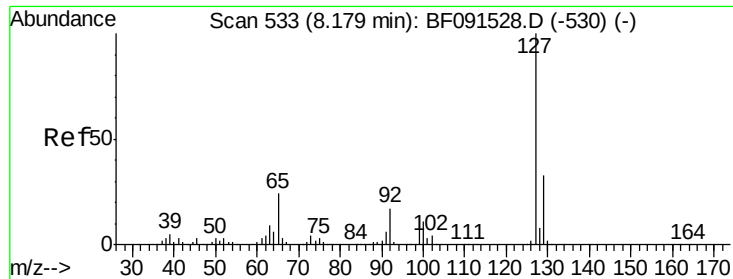
Tgt Ion:128 Resp: 2021026
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 43.45 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:122 Resp: 427928
Ion Ratio Lower Upper
122 100
105 124.6 113.0 153.0
77 96.0 82.0 122.0

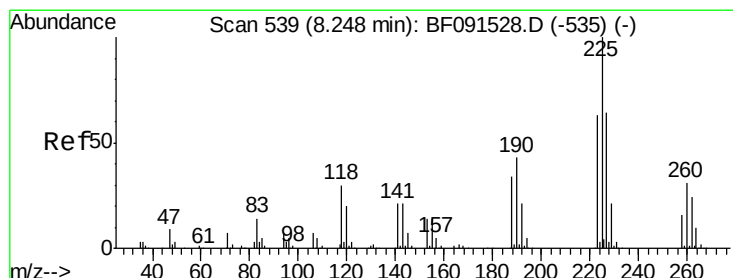
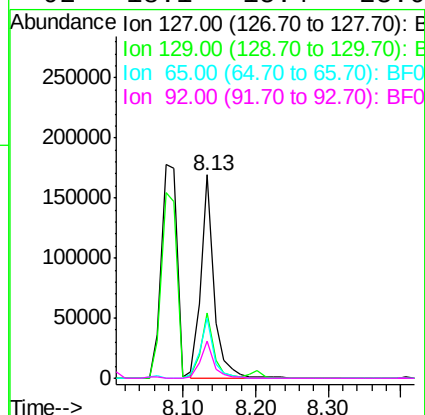
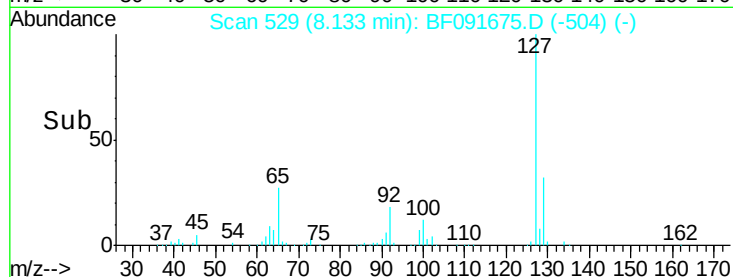
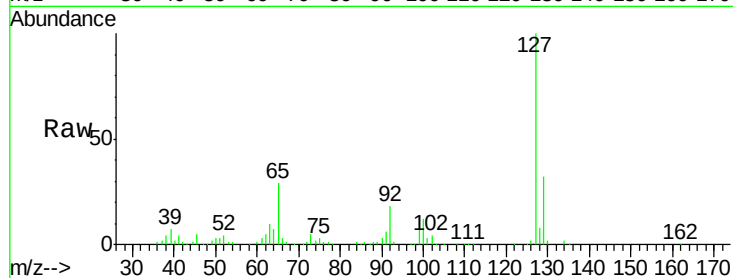




#33
4-Chloroaniline
Concen: 11.15 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

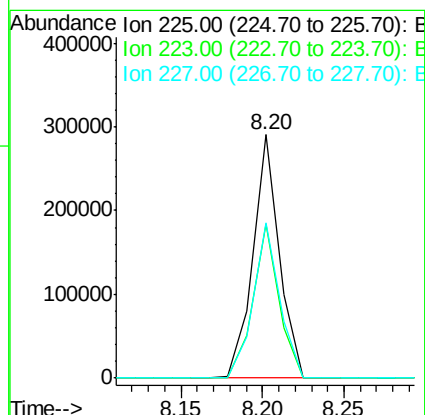
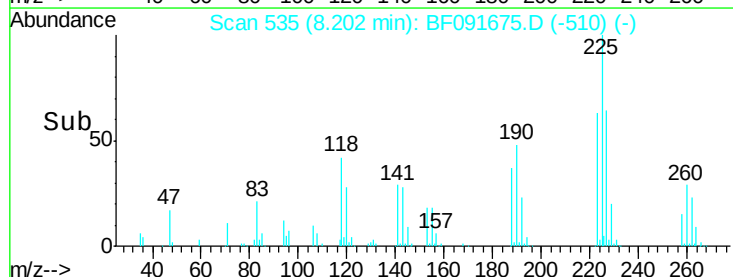
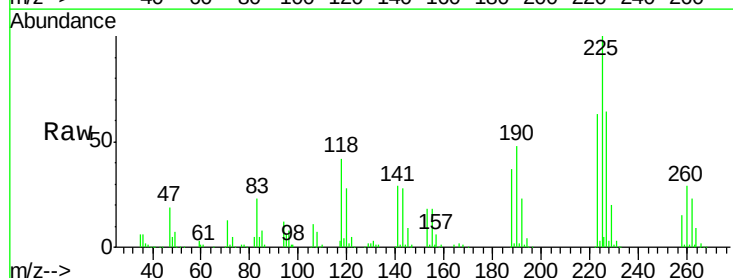
Instrument :
BNA_F
ClientSampleId :
PB95362BS

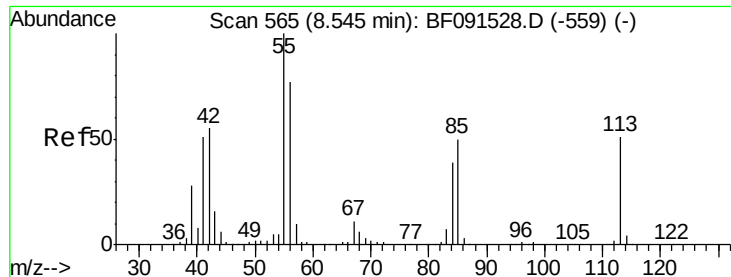
Tgt Ion:	127	Resp:	211625
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	29.4	26.6	39.8
92	18.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.17 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:	225	Resp:	324158
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	63.5	52.6	79.0

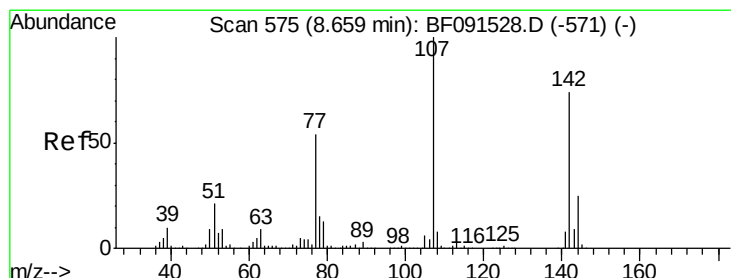
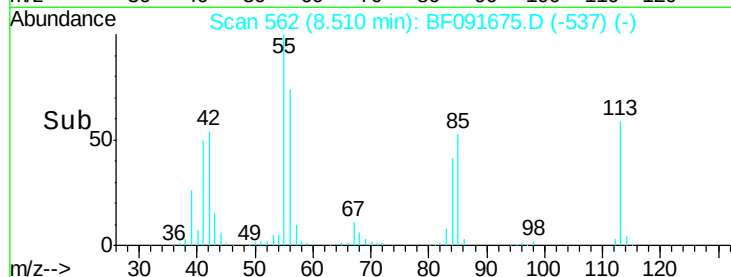
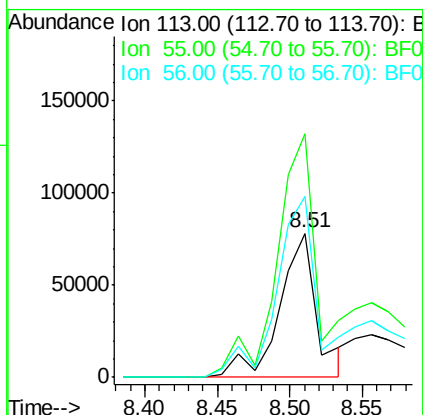
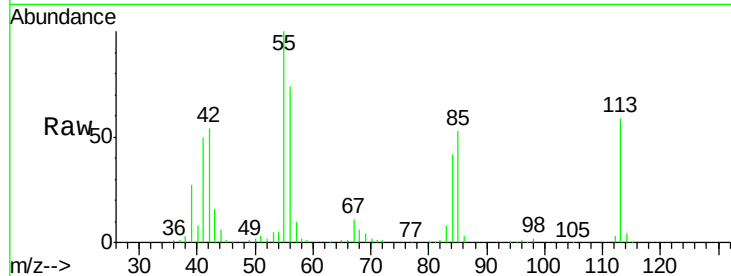




#35
 Caprolactam
 Concen: 39.27 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

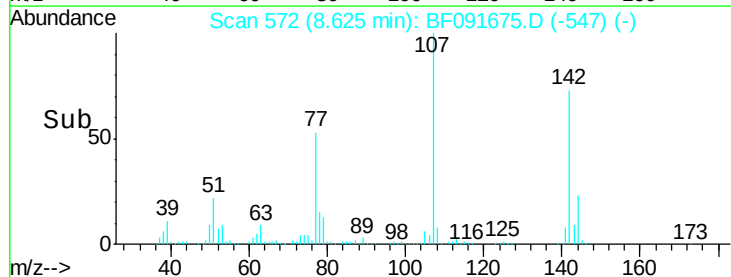
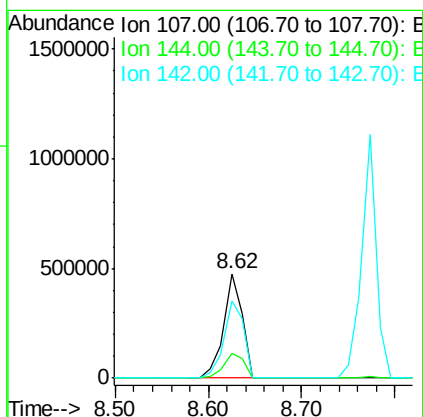
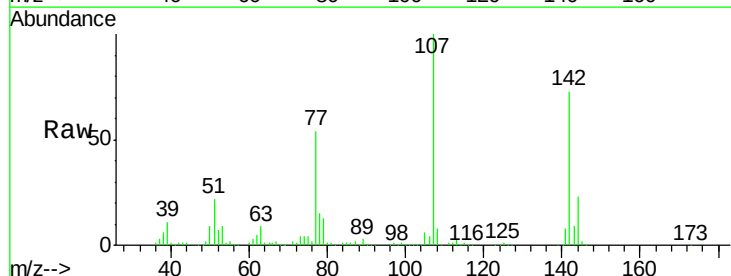
Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

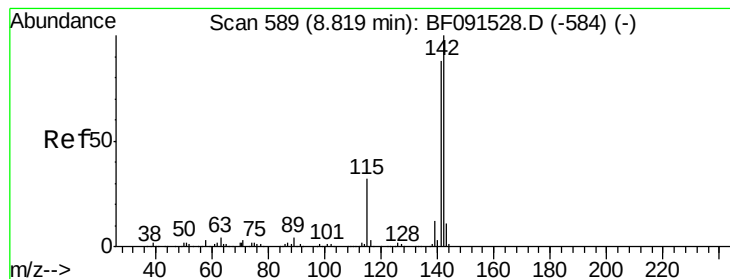
Tgt Ion:113 Resp: 138596
 Ion Ratio Lower Upper
 113 100
 55 169.1 239.8 279.8#
 56 125.2 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 49.19 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion:107 Resp: 666687
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.9 28.3
 142 73.3 58.5 87.7





#37

2-Methylnaphthalene

Concen: 42.36 ng

RT: 8.77 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

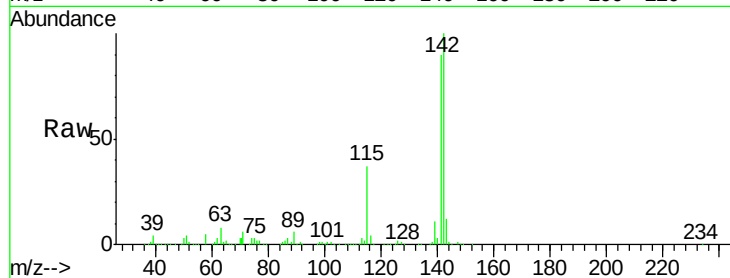
Tgt Ion:142 Resp: 1207376

Ion Ratio Lower Upper

142 100

141 89.6 71.7 107.5

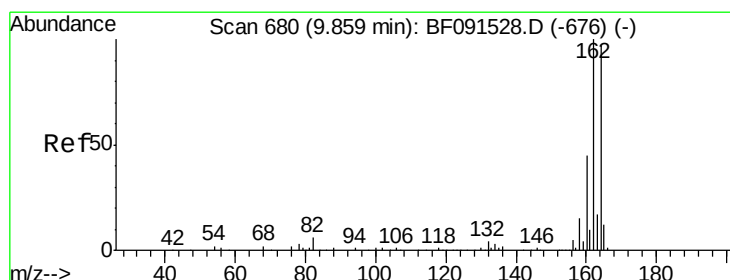
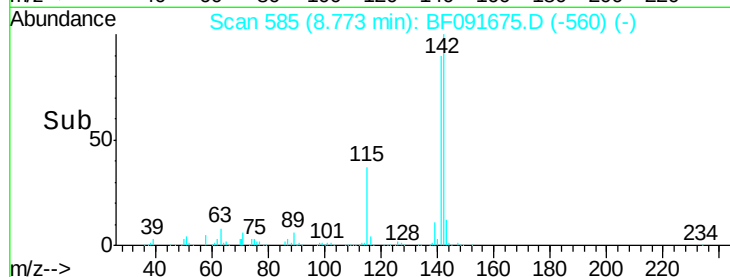
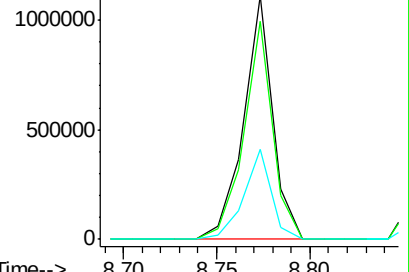
115 36.8 25.0 37.6



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: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

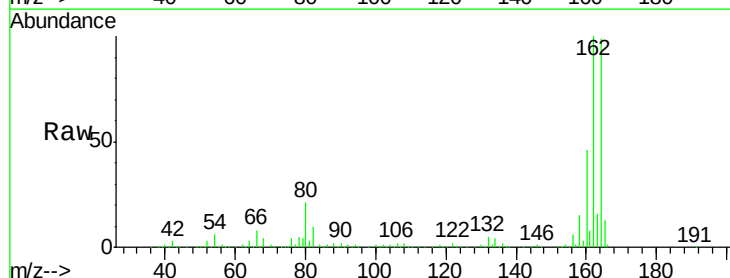
Tgt Ion:164 Resp: 503416

Ion Ratio Lower Upper

164 100

162 100.8 82.6 124.0

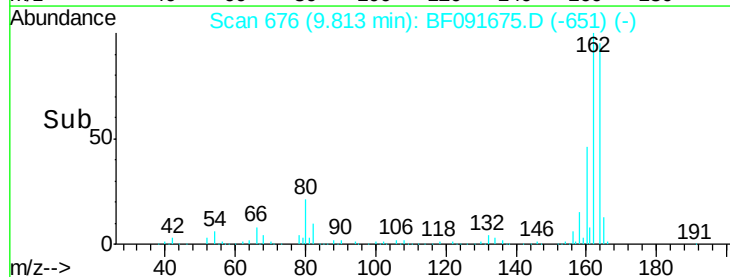
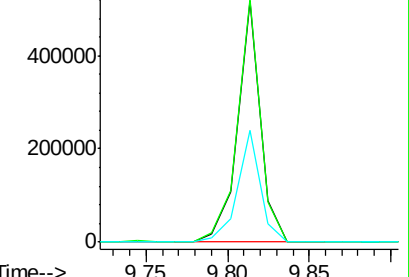
160 46.1 36.7 55.1

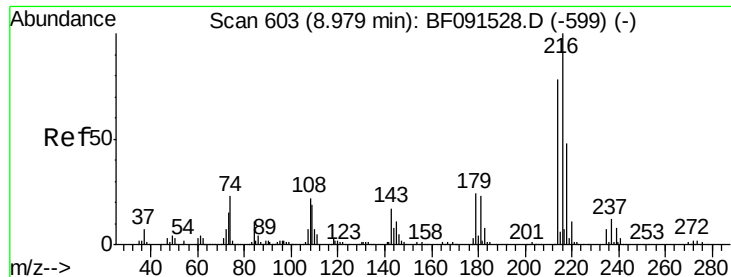


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

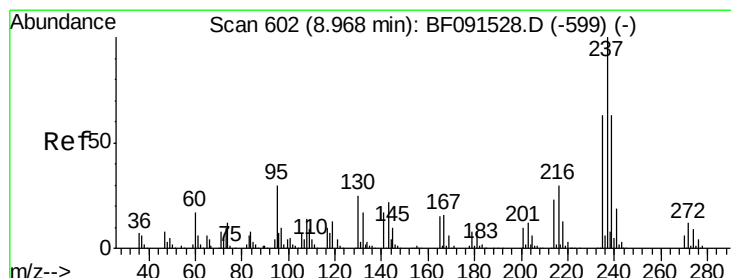
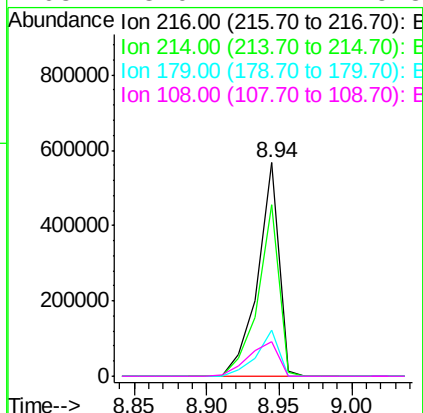
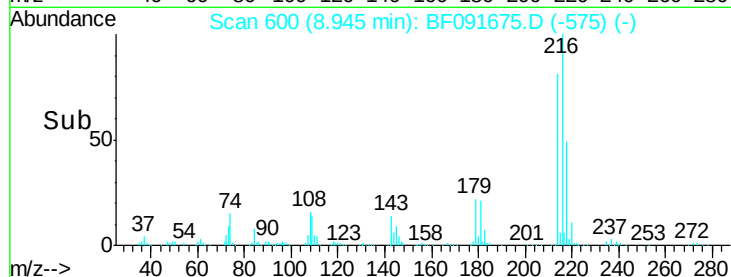
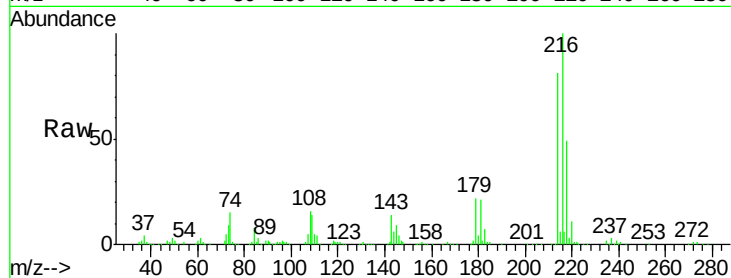




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.78 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

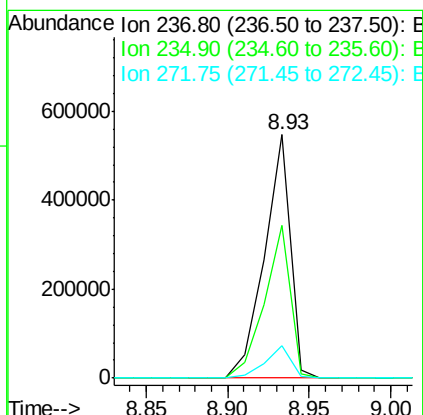
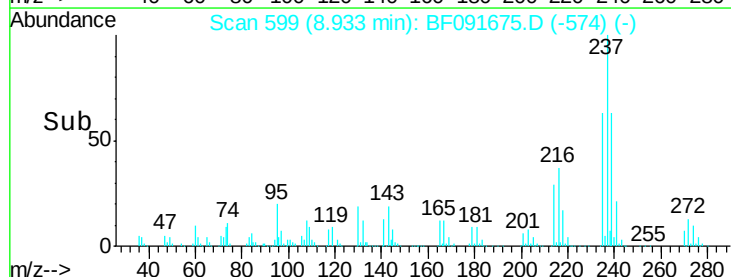
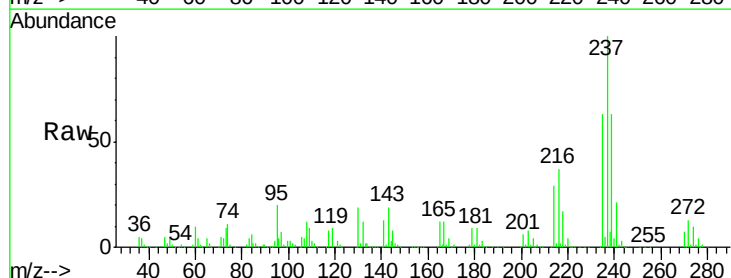
Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

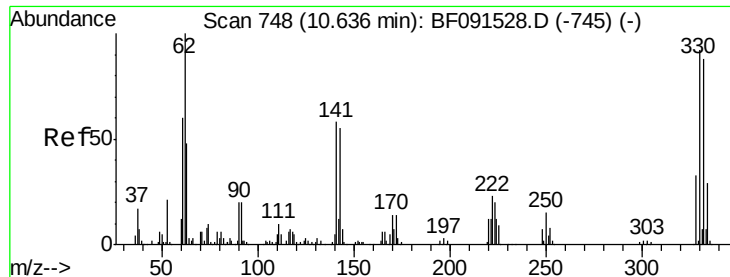
Tgt Ion:	216	Resp:	576830
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.8
179	22.6	18.2	27.2
108	23.0	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 98.46 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion:	237	Resp:	606080
Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.9	83.9
272	13.3	0.0	33.1

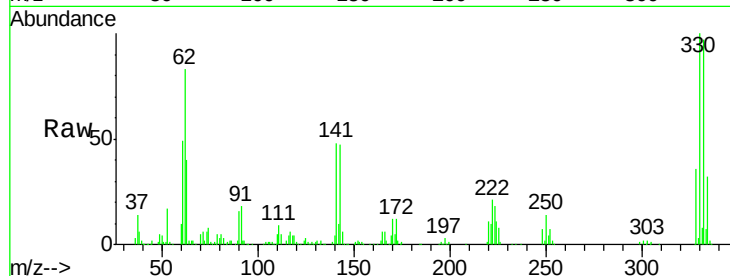




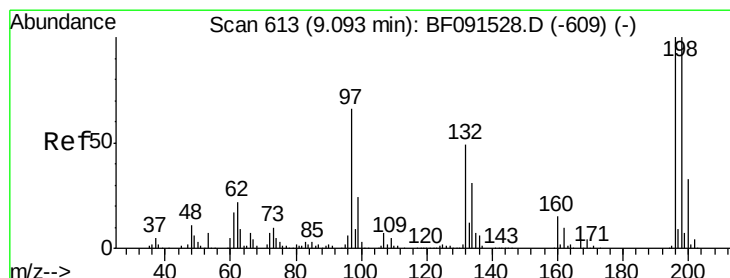
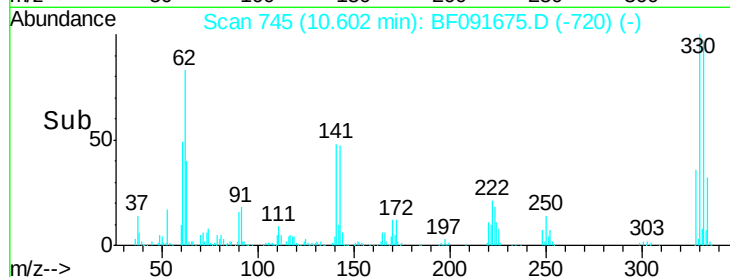
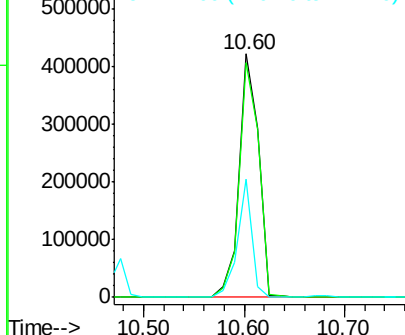
#41
 2,4,6-Tribromophenol
 Concen: 135.34 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

Tgt Ion:330 Resp: 565889
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.2 114.4
 141 35.8 33.6 50.4

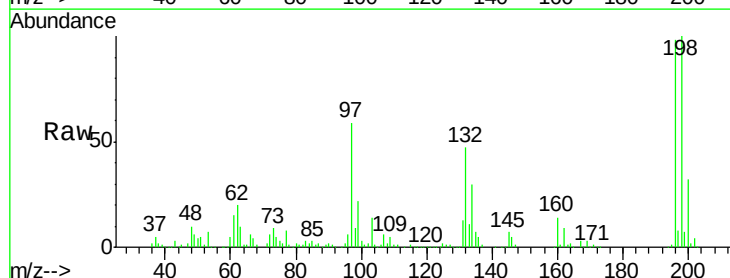


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

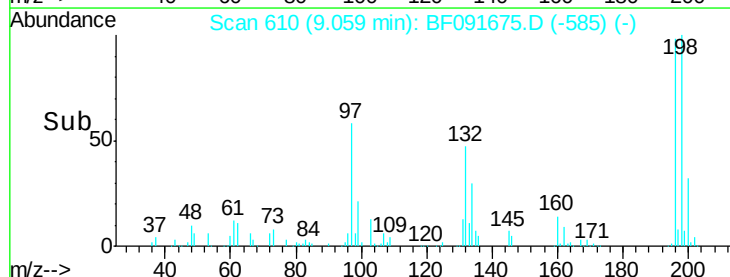
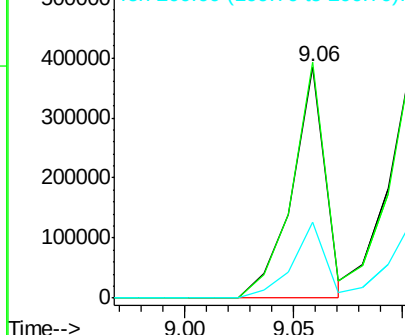


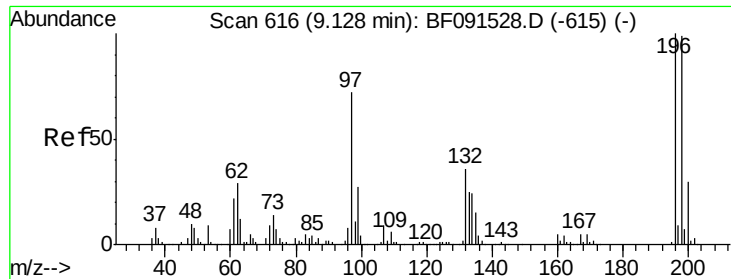
#42
 2,4,6-Trichlorophenol
 Concen: 45.89 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion:196 Resp: 407127
 Ion Ratio Lower Upper
 196 100
 198 102.2 77.4 116.0
 200 32.7 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

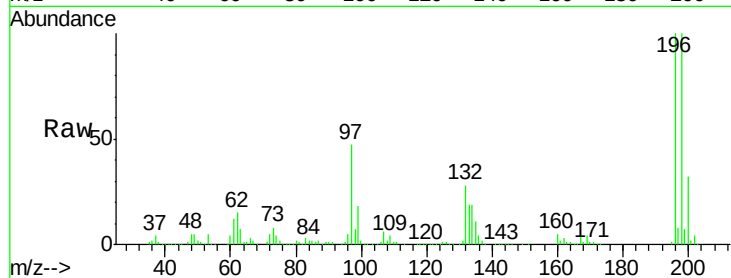




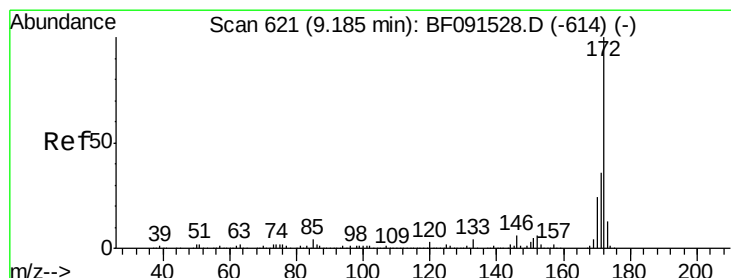
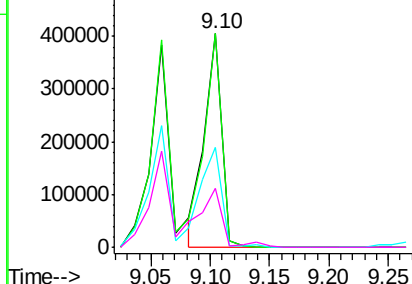
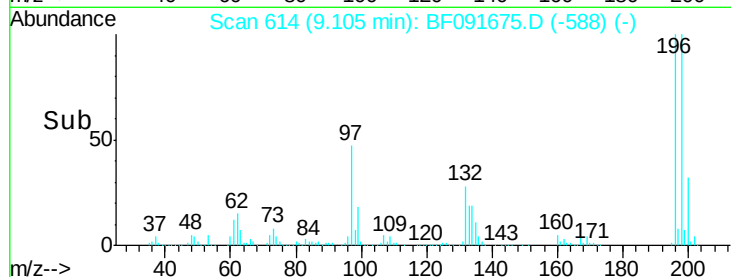
#43
 2,4,5-Trichlorophenol
 Concen: 45.56 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

Tgt Ion:196 Resp: 415337
 Ion Ratio Lower Upper
 196 100
 198 100.0 77.0 115.6
 97 46.6 33.5 50.3
 132 27.9 20.5 30.7

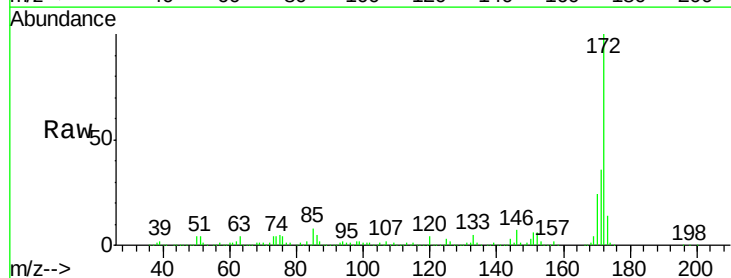


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

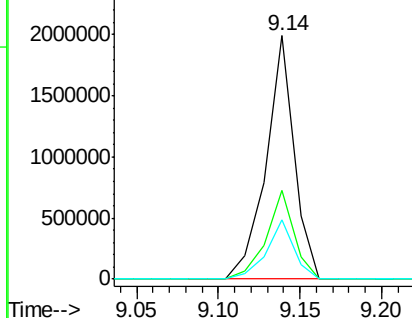
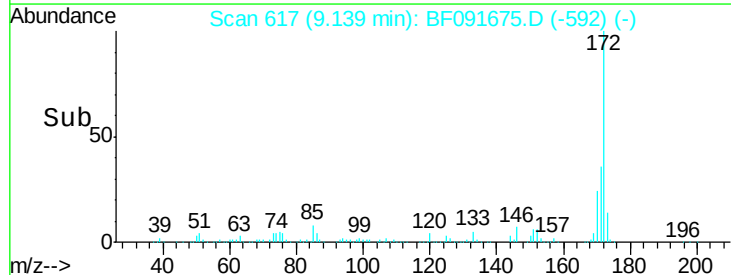


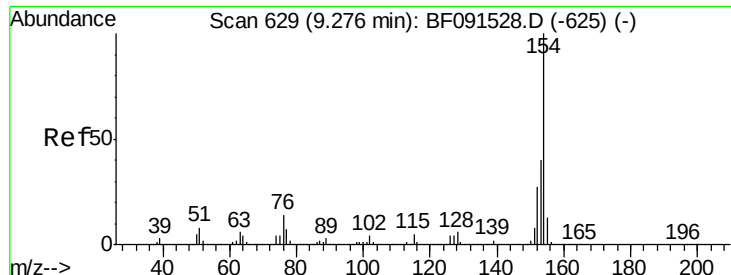
#44
 2-Fluorobiphenyl
 Concen: 82.21 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion:172 Resp: 2395297
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.3 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

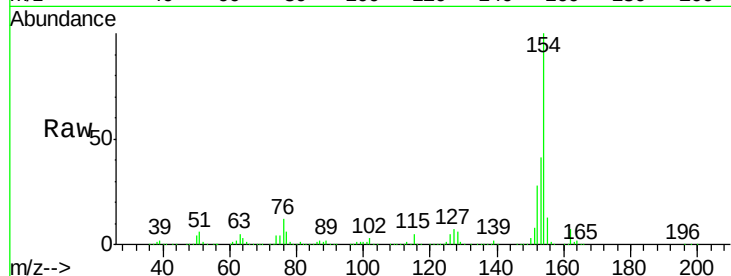




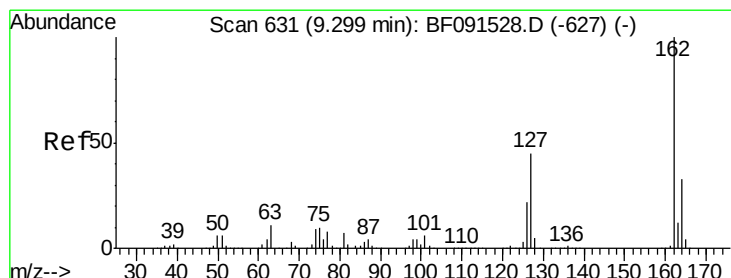
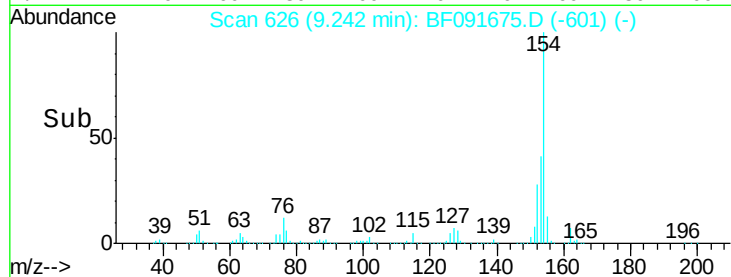
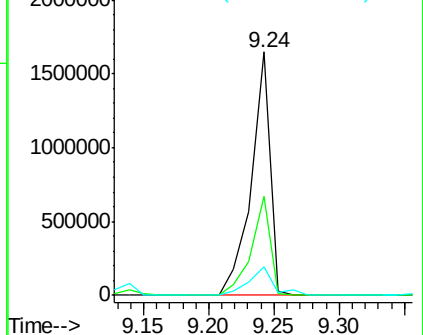
#45
 1,1'-Biphenyl
 Concen: 45.58 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

Tgt Ion:154 Resp: 1661905
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 11.6 0.0 36.6

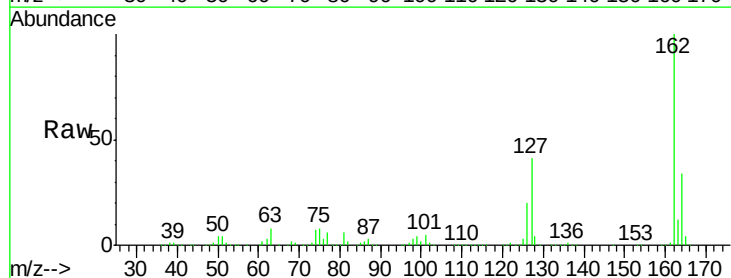


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

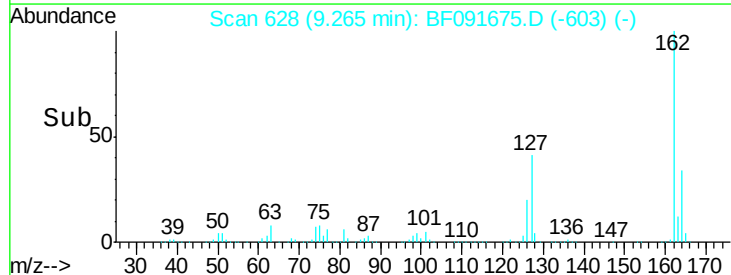
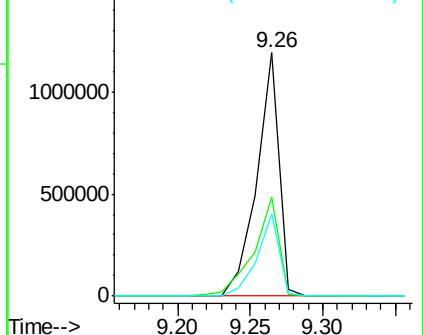


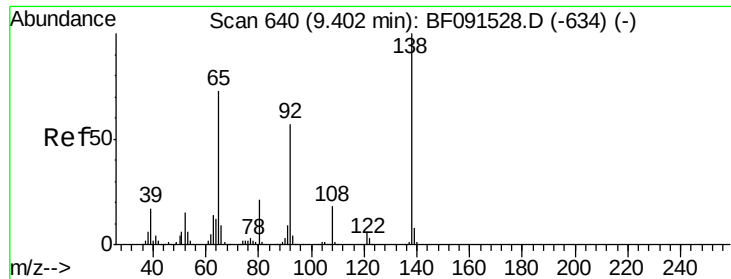
#46
 2-Chloronaphthalene
 Concen: 44.77 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion:162 Resp: 1264219
 Ion Ratio Lower Upper
 162 100
 127 40.7 34.3 51.5
 164 33.7 26.6 40.0



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

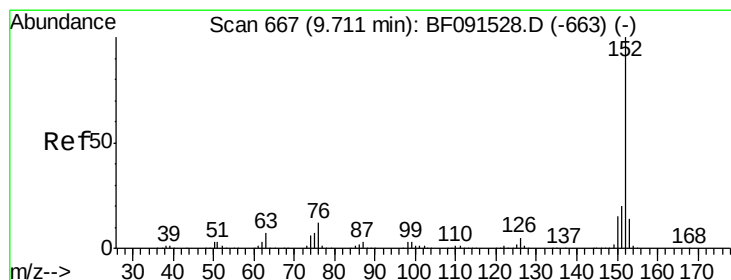
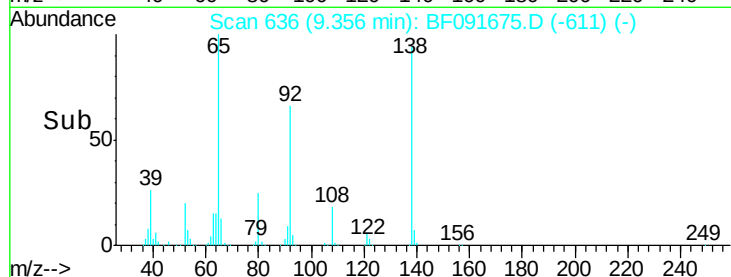
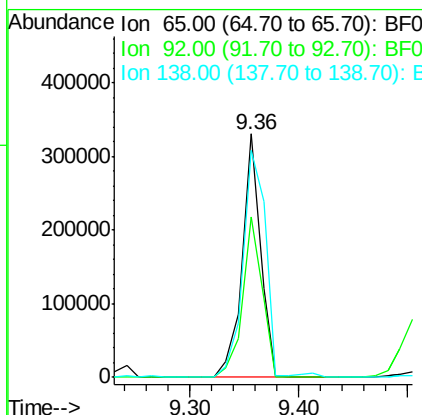
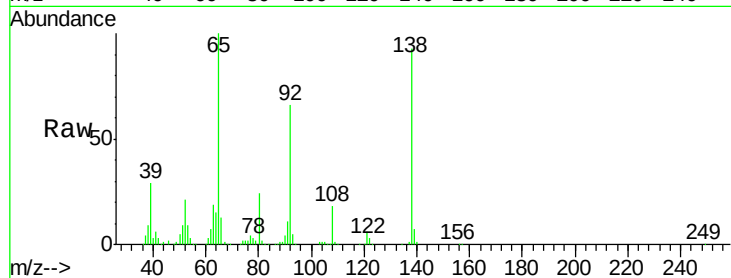




#47
2-Nitroaniline
Concen: 40.57 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

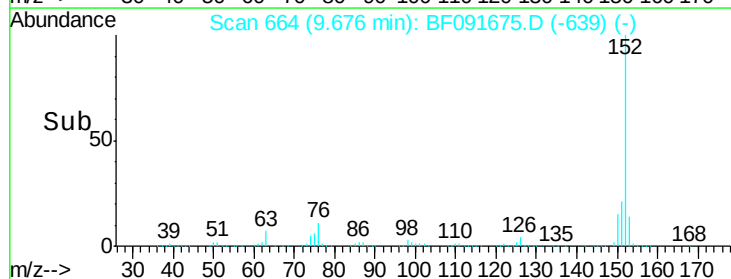
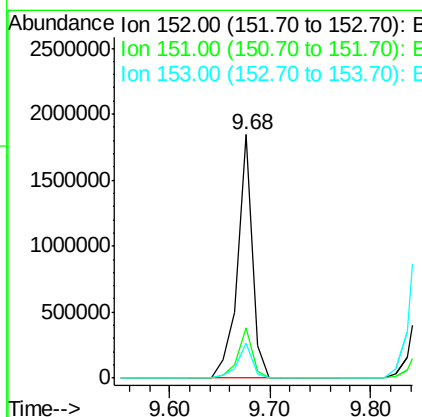
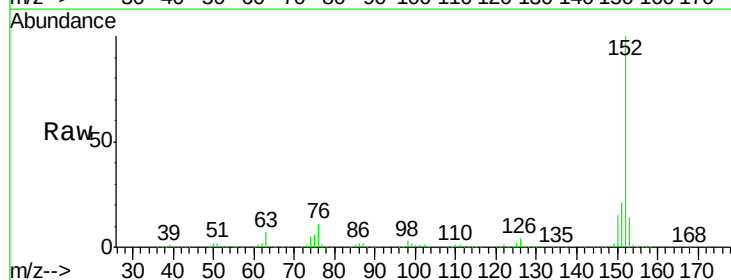
Instrument :
BNA_F
ClientSampleId :
PB95362BS

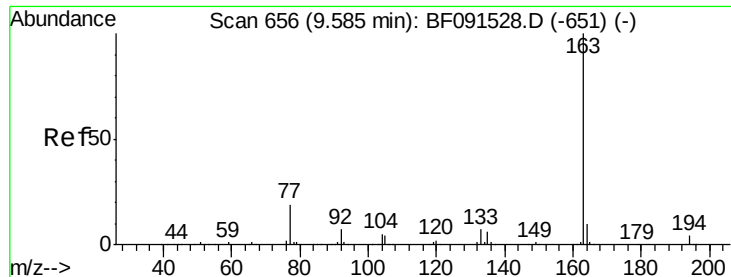
Tgt Ion: 65 Resp: 385245
Ion Ratio Lower Upper
65 100
92 65.9 53.6 80.4
138 93.1 91.0 136.6



#48
Acenaphthylene
Concen: 43.58 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion: 152 Resp: 1875715
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.4 10.7 16.1

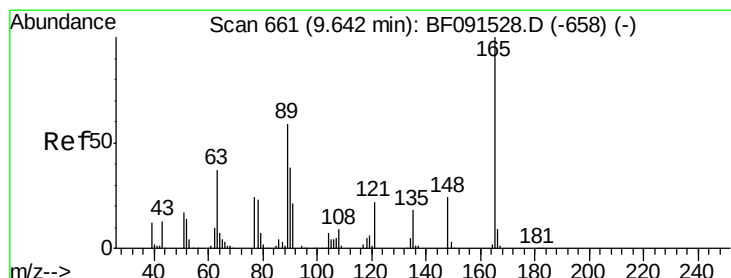
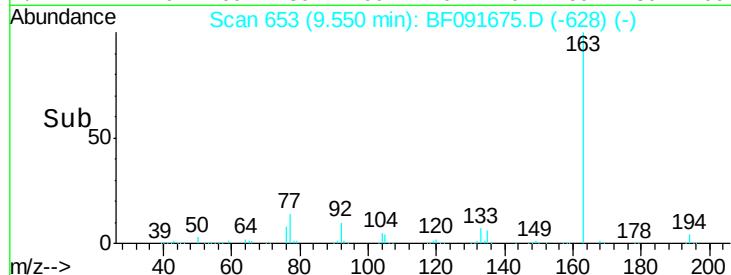
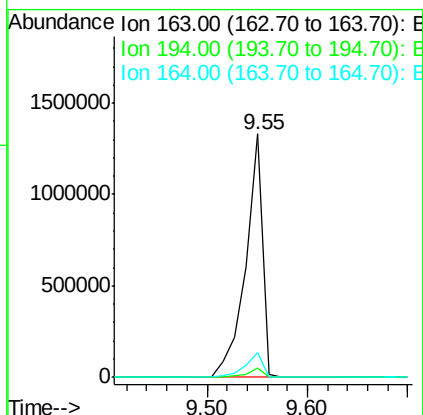
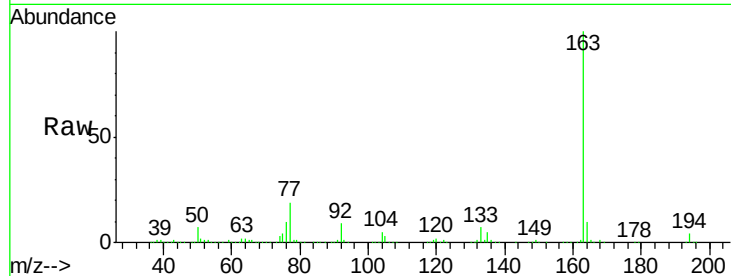




#49
Dimethylphthalate
Concen: 48.50 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

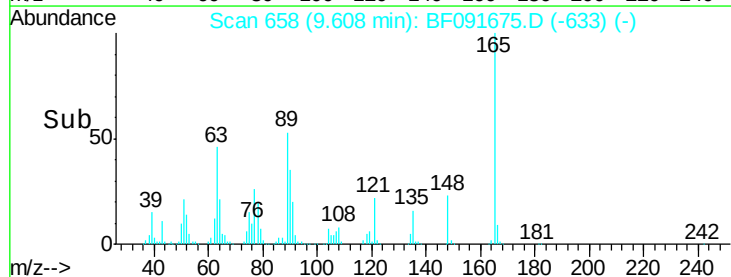
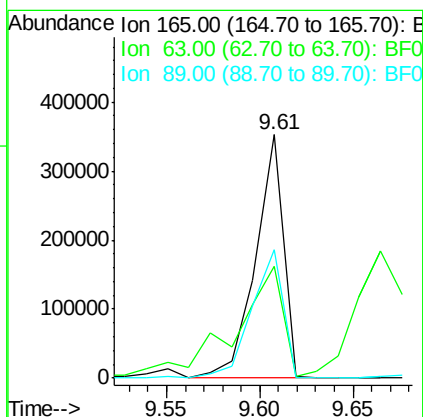
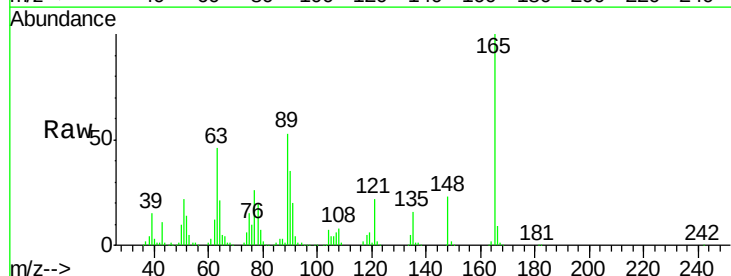
Instrument :
BNA_F
ClientSampleId :
PB95362BS

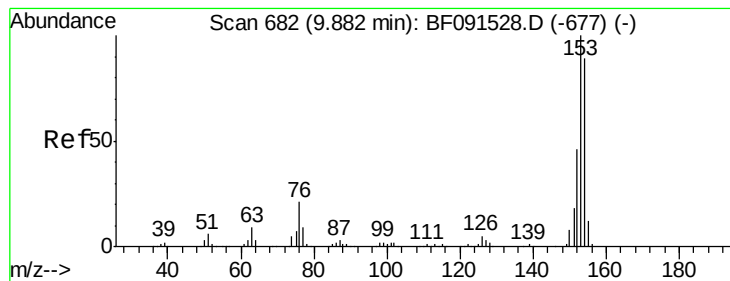
Tgt Ion:163 Resp: 1545888
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 51.89 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:165 Resp: 363043
Ion Ratio Lower Upper
165 100
63 46.2 59.4 89.0#
89 52.5 50.8 76.2





#51

Acenaphthene

Concen: 47.70 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

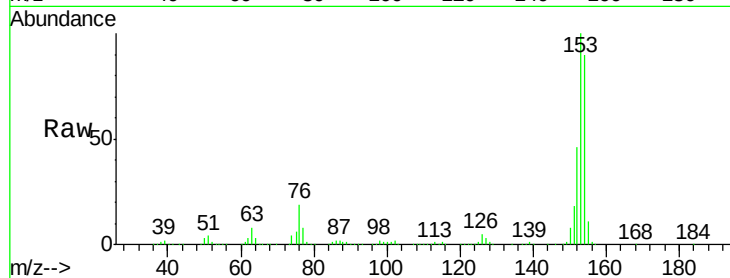
Tgt Ion:154 Resp: 1425861

Ion Ratio Lower Upper

154 100

153 111.6 91.0 136.6

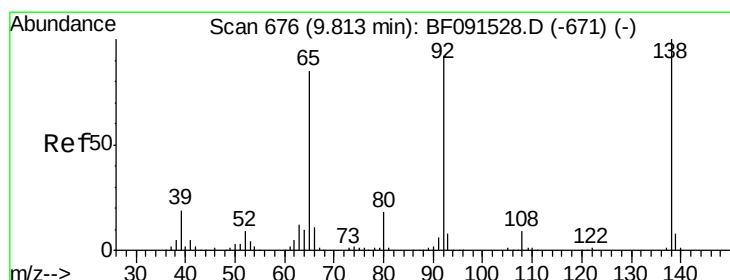
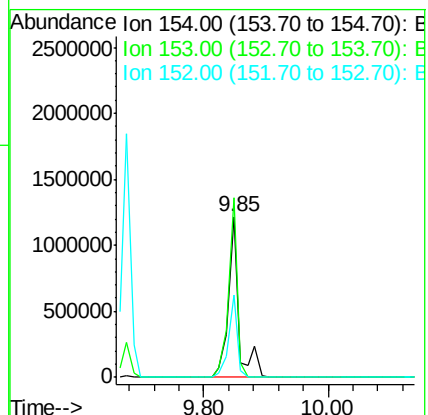
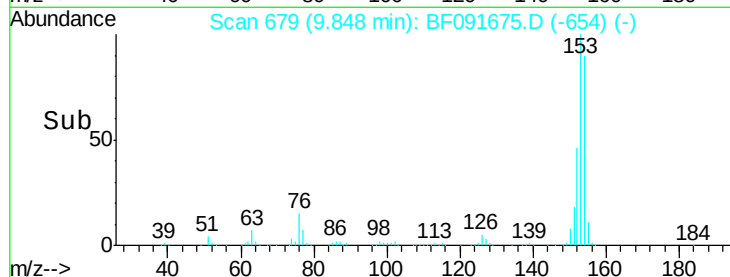
152 51.5 44.2 66.2



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: 18.22 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

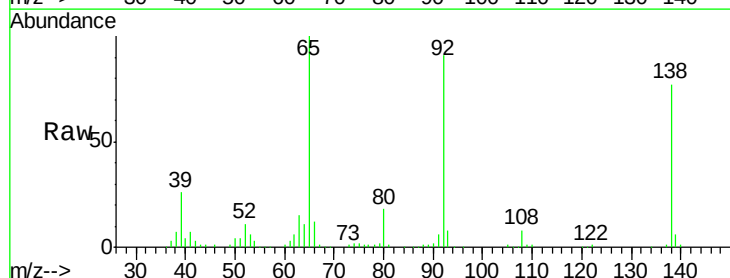
Tgt Ion:138 Resp: 149737

Ion Ratio Lower Upper

138 100

108 10.6 8.1 12.1

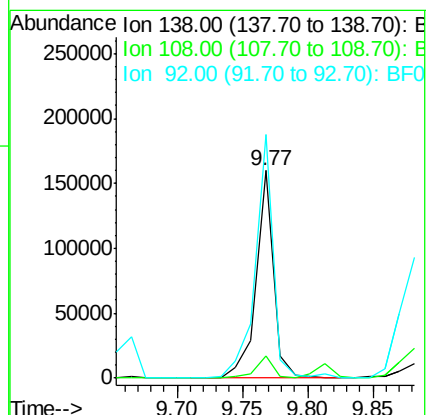
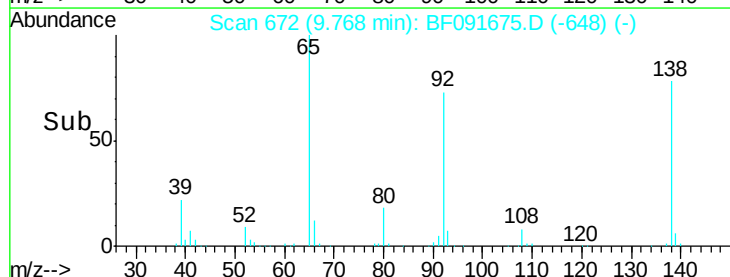
92 117.3 92.5 138.7

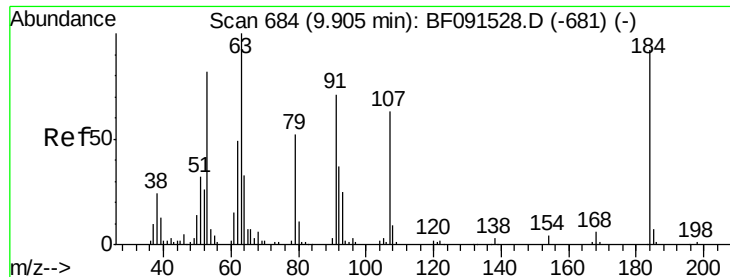


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

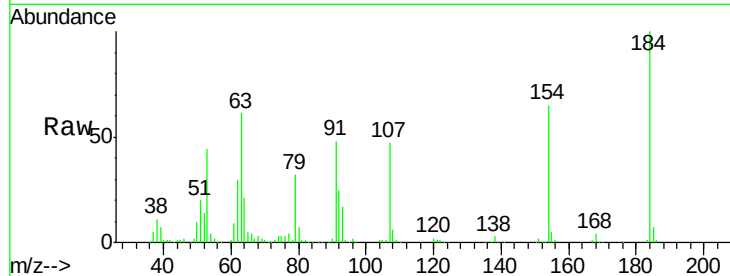




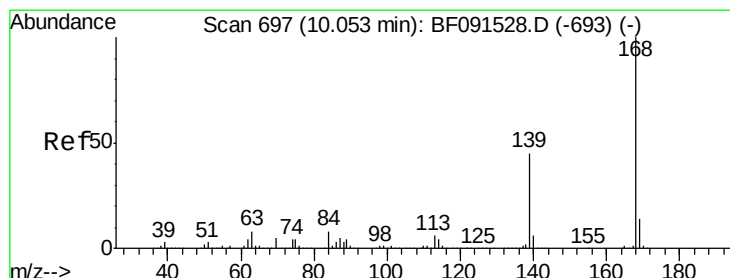
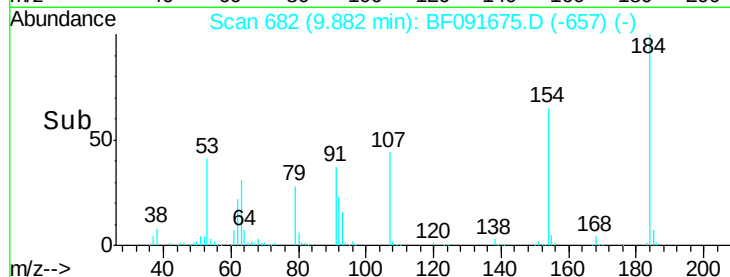
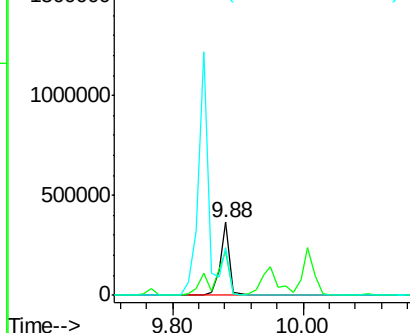
#53
2,4-Dinitrophenol
Concen: 87.49 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB95362BS

Tgt Ion:184 Resp: 375850
Ion Ratio Lower Upper
184 100
63 60.7 58.3 87.5
154 65.3 48.6 73.0

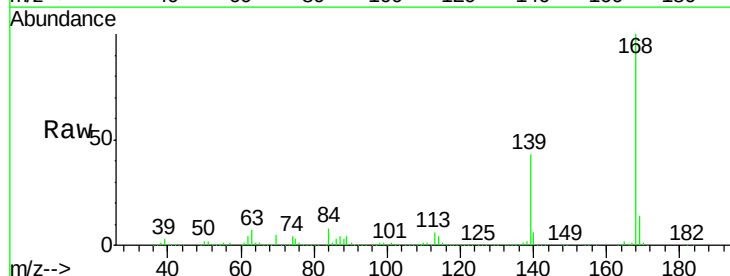


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

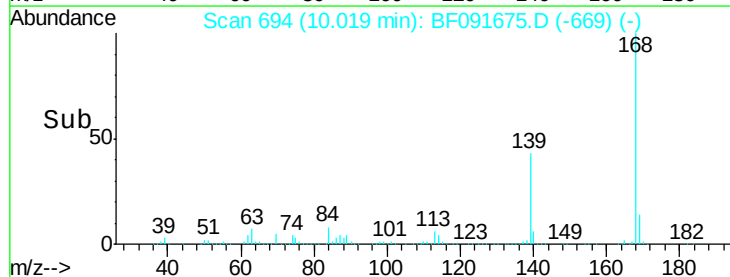
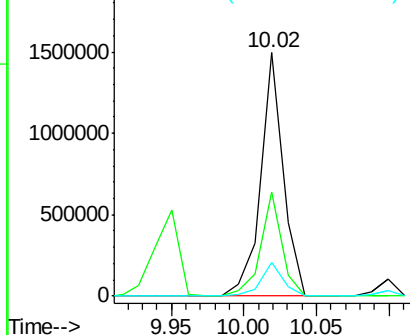


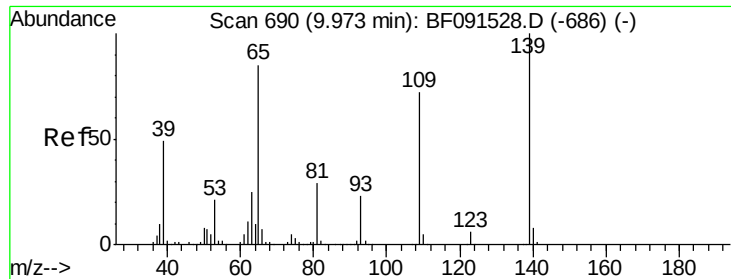
#54
Dibenzofuran
Concen: 43.54 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:168 Resp: 1610537
Ion Ratio Lower Upper
168 100
139 42.7 33.4 50.2
169 14.1 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

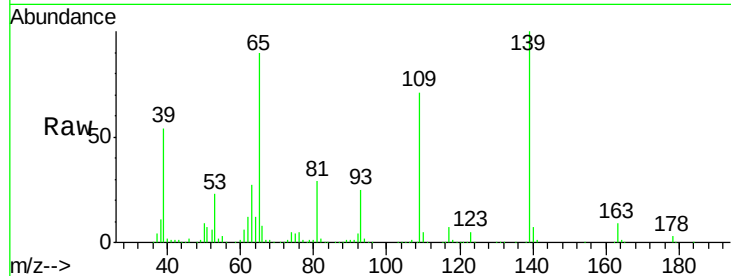




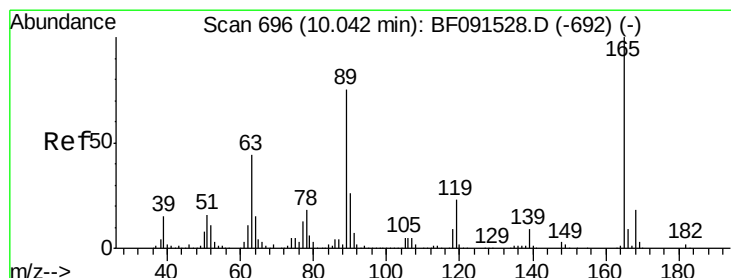
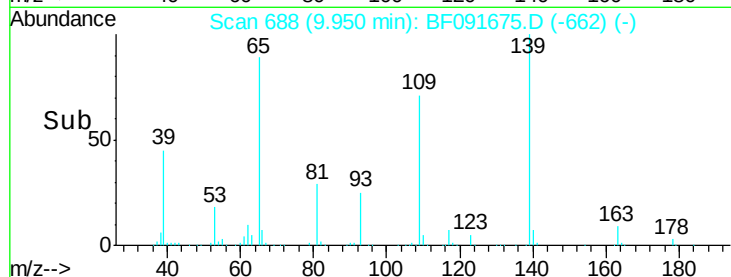
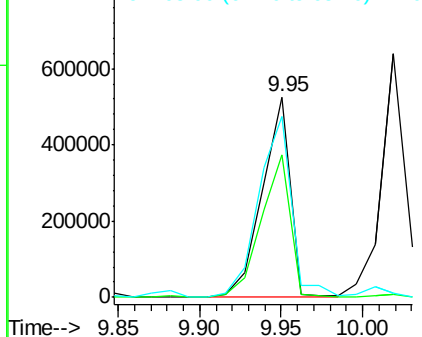
#55
4-Nitrophenol
Concen: 102.88 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB95362BS

Tgt Ion:139 Resp: 629096
Ion Ratio Lower Upper
139 100
109 71.3 54.9 94.9
65 90.2 102.2 142.2#

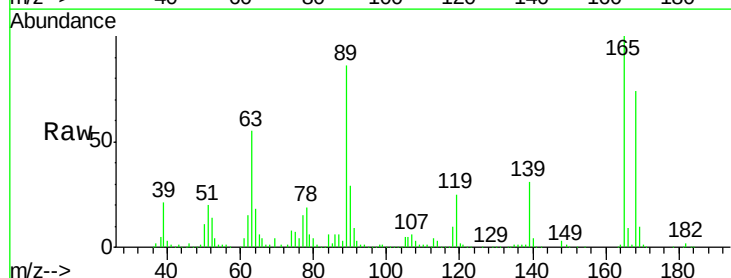


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

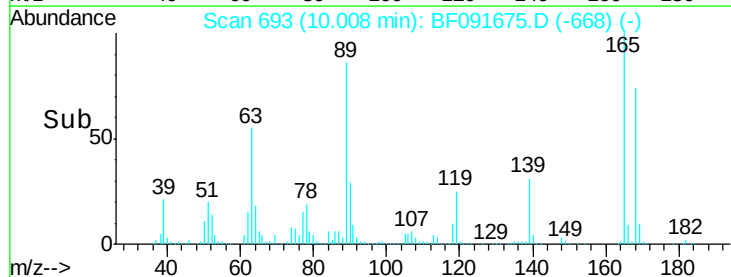
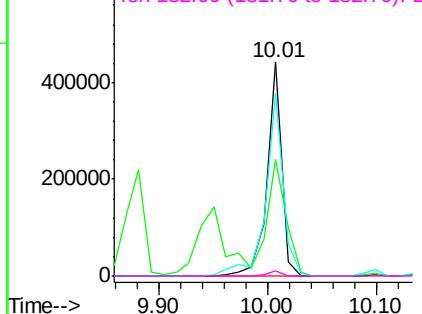


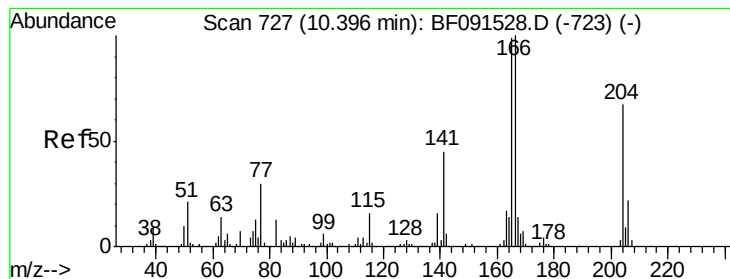
#56
2,4-Dinitrotoluene
Concen: 47.88 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:165 Resp: 419890
Ion Ratio Lower Upper
165 100
63 54.8 29.0 43.4#
89 85.5 43.1 64.7#
182 2.1 1.9 2.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.46 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

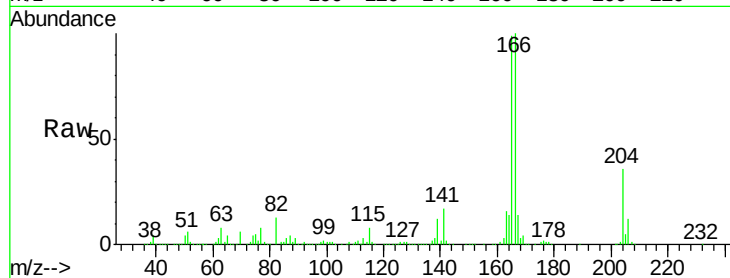
Tgt Ion:166 Resp: 1223577

Ion Ratio Lower Upper

166 100

165 98.8 80.0 120.0

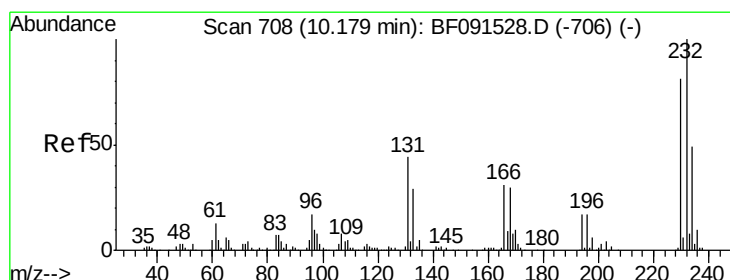
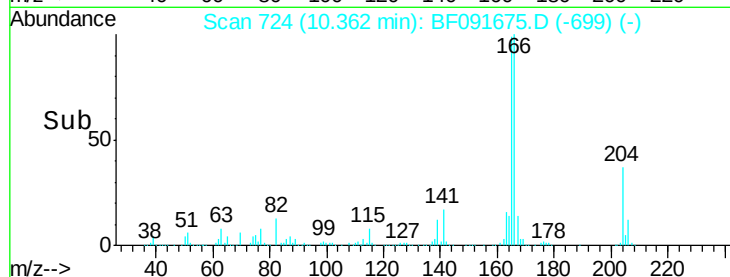
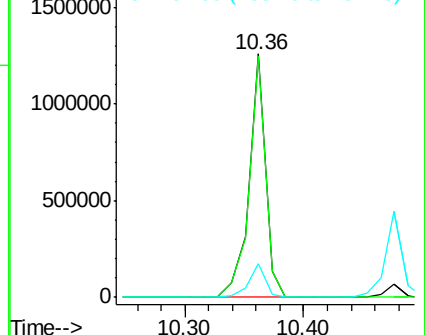
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.10 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Tgt Ion:232 Resp: 364706

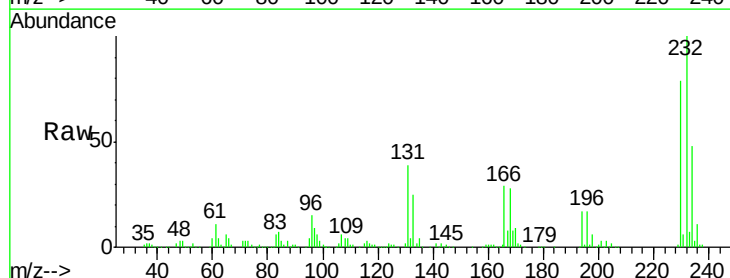
Ion Ratio Lower Upper

232 100

131 48.2 38.4 57.6

130 2.2 1.8 2.8

166 33.1 23.9 35.9

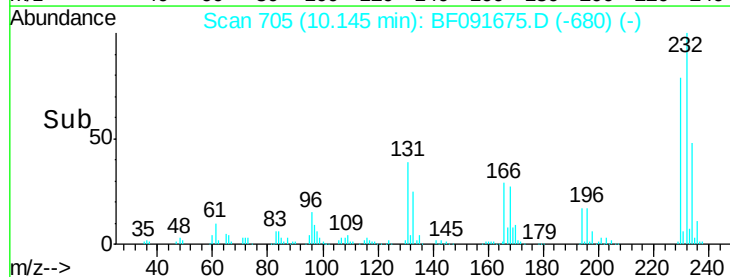
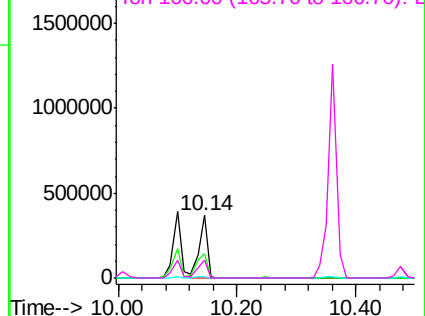


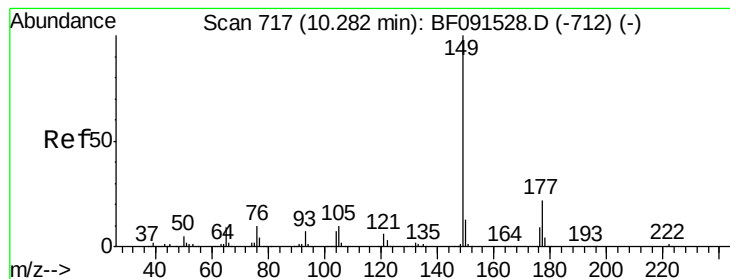
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.50 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

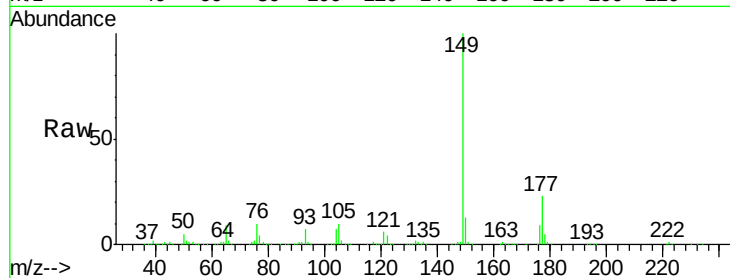
Tgt Ion:149 Resp: 1519223

Ion Ratio Lower Upper

149 100

177 22.6 15.7 23.5

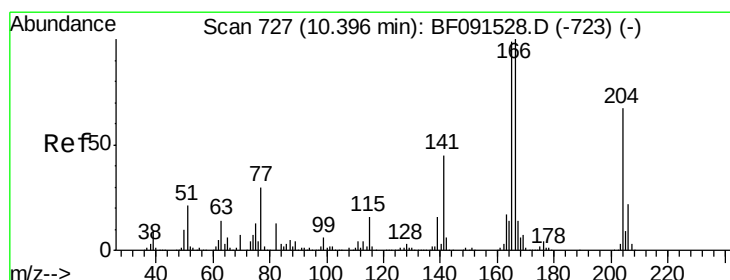
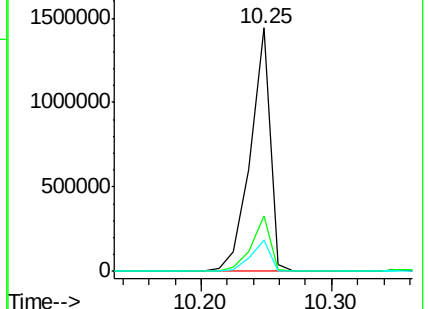
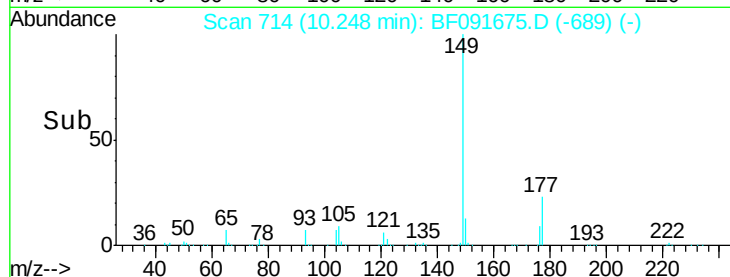
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.99 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

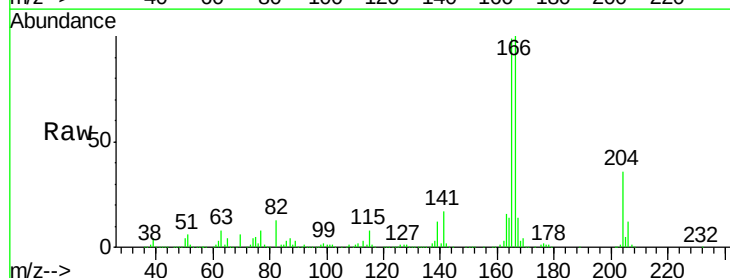
Tgt Ion:204 Resp: 585015

Ion Ratio Lower Upper

204 100

206 33.7 26.1 39.1

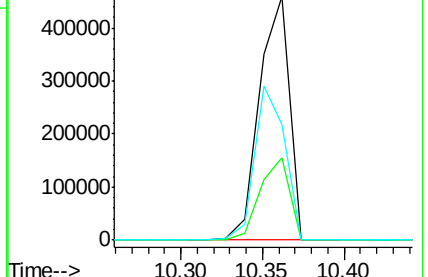
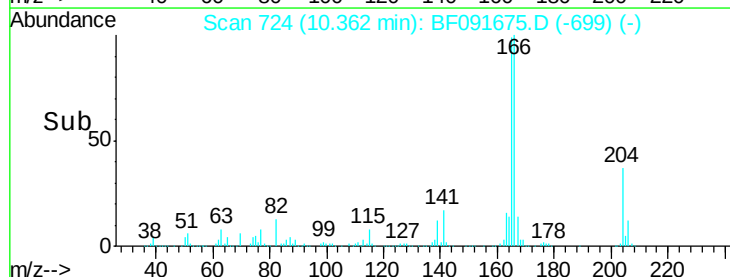
141 47.7 40.6 61.0

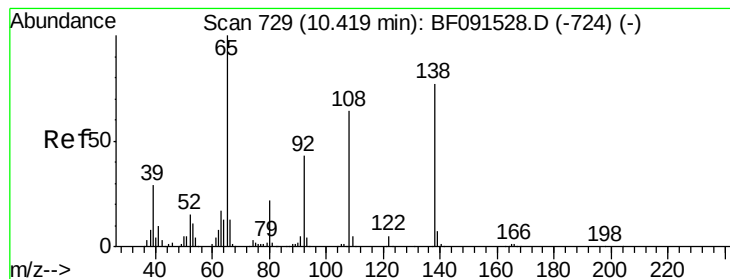


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.67 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

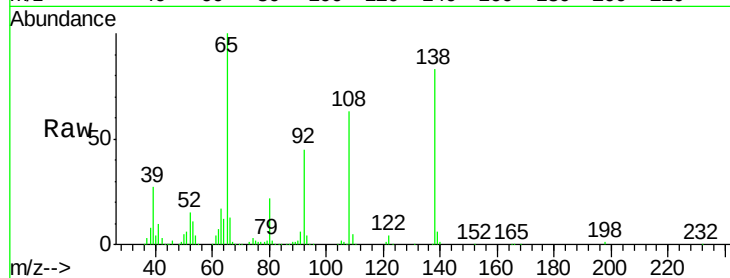
Tgt Ion:138 Resp: 324014

Ion Ratio Lower Upper

138 100

92 53.8 26.9 66.9

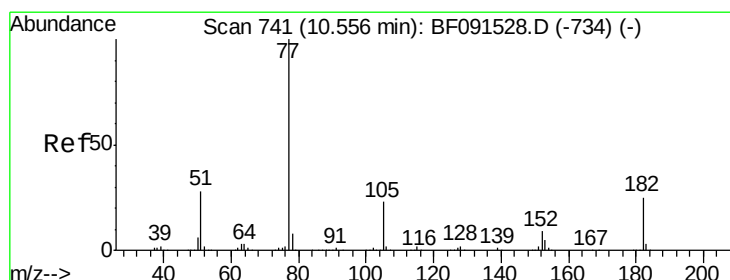
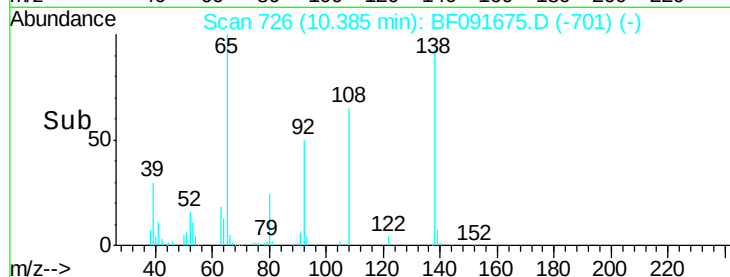
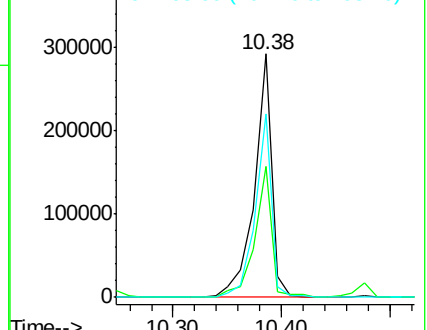
108 75.2 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.78 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Tgt Ion: 77 Resp: 1661915

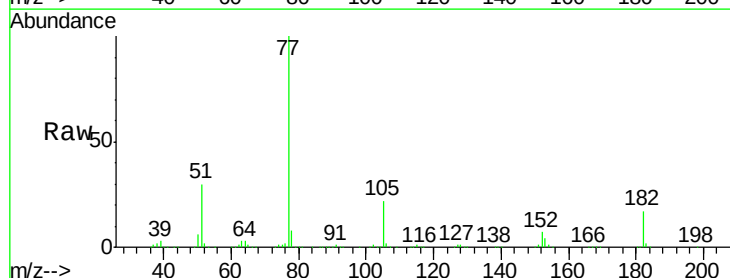
Ion Ratio Lower Upper

77 100

182 16.9 12.5 52.5

105 22.0 3.7 43.7

51 29.9 11.9 51.9

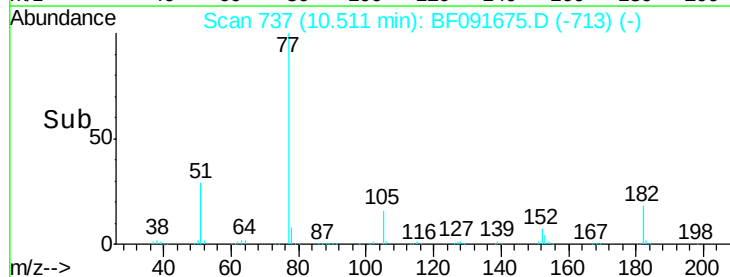
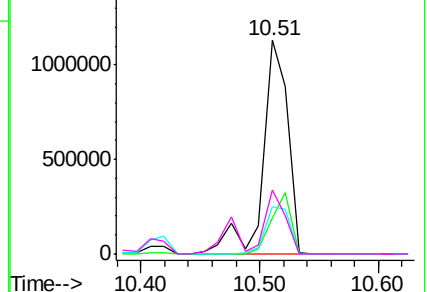


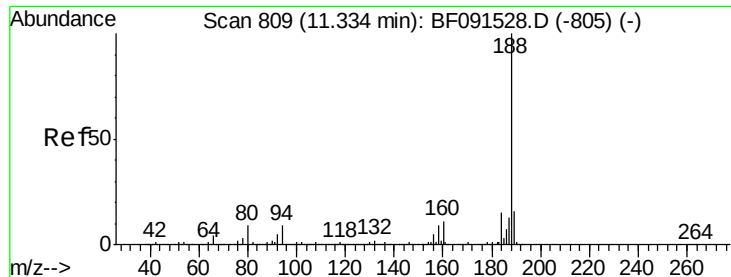
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

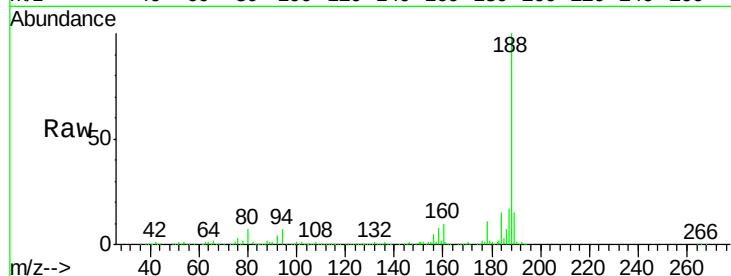




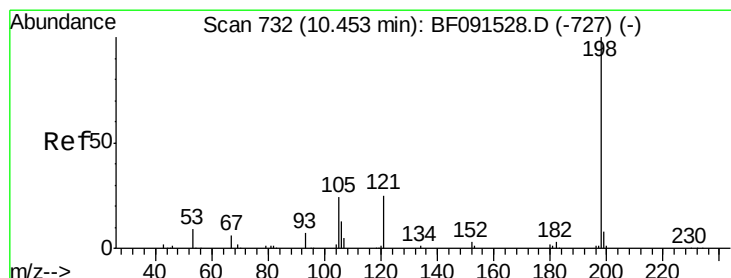
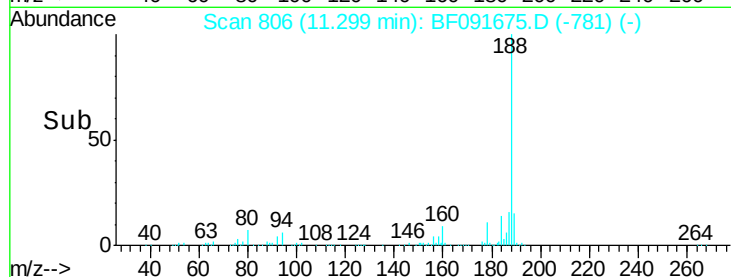
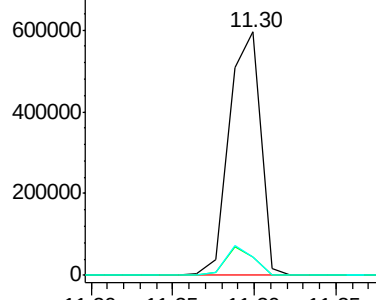
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB95362BS

Tgt Ion:188 Resp: 799631
Ion Ratio Lower Upper
188 100
94 7.4 9.2 13.8#
80 7.5 10.5 15.7#

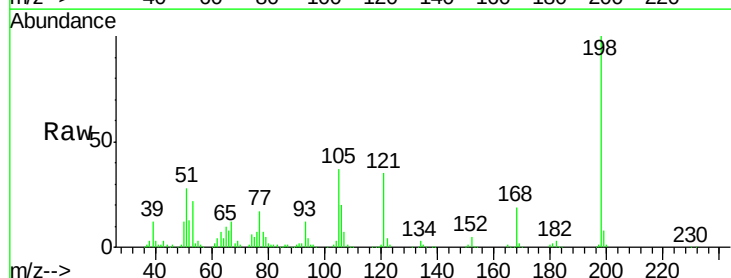


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

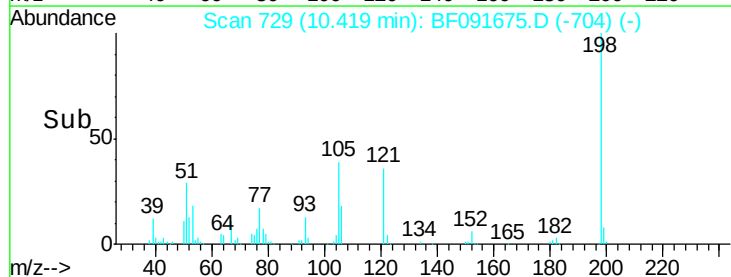
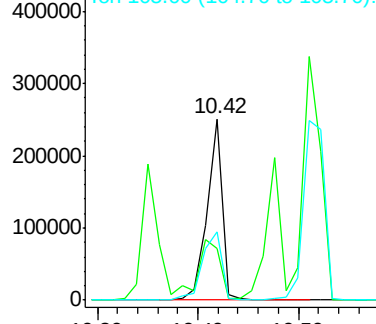


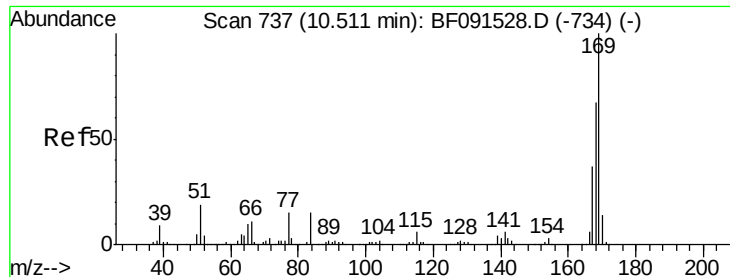
#64
4,6-Dinitro-2-methylphenol
Concen: 53.86 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:198 Resp: 263396
Ion Ratio Lower Upper
198 100
51 28.1 77.1 117.1#
105 37.5 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.07 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

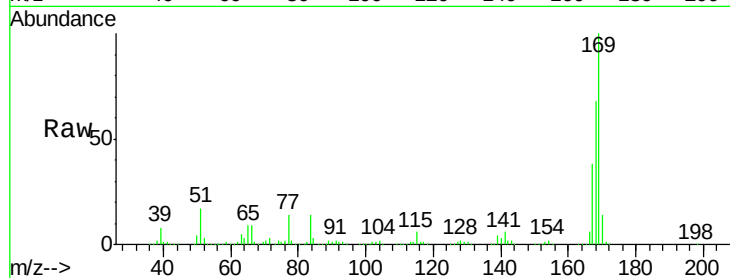
Tgt Ion:169 Resp: 1169698

Ion Ratio Lower Upper

169 100

168 68.2 53.8 80.8

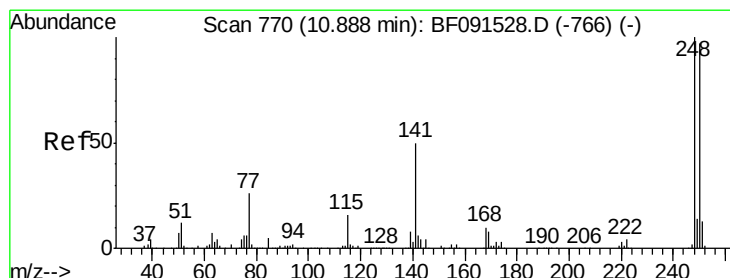
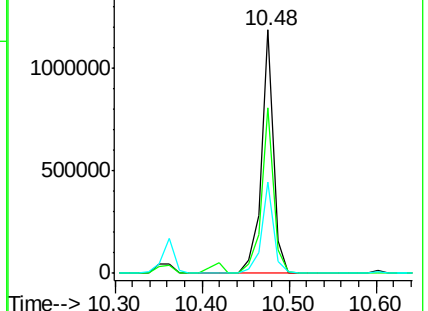
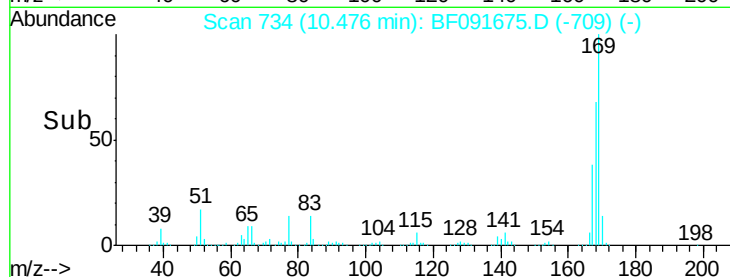
167 37.7 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.55 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

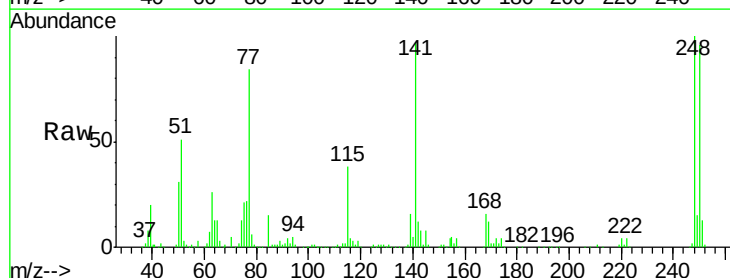
Tgt Ion:248 Resp: 365197

Ion Ratio Lower Upper

248 100

250 95.6 78.2 117.4

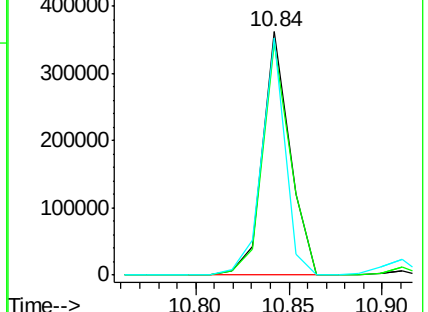
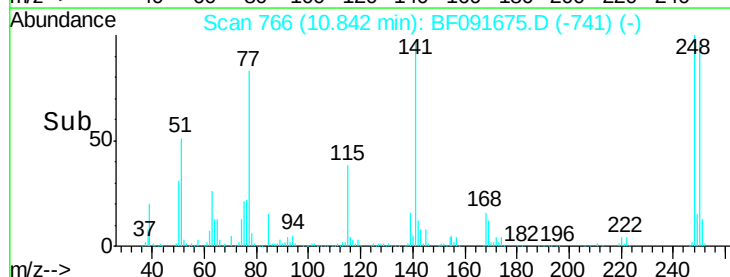
141 97.5 71.9 107.9

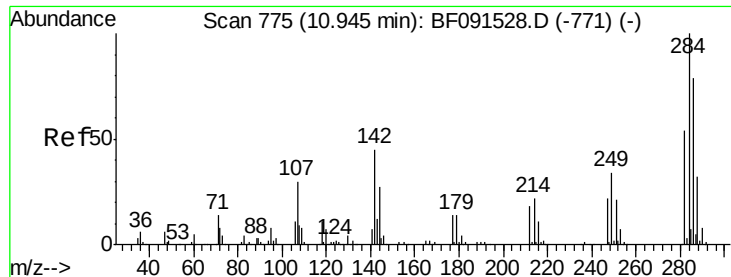


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

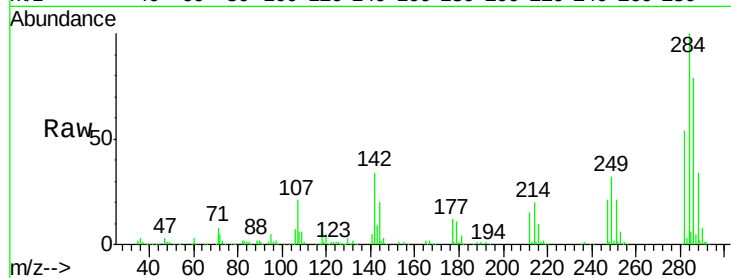




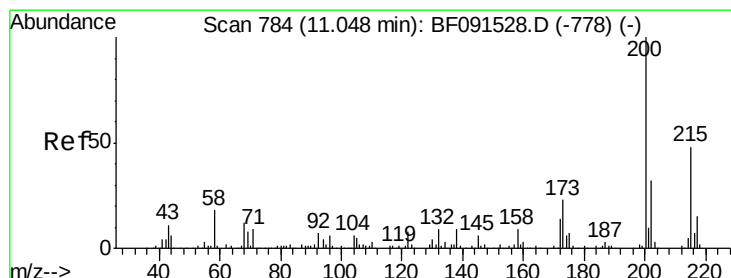
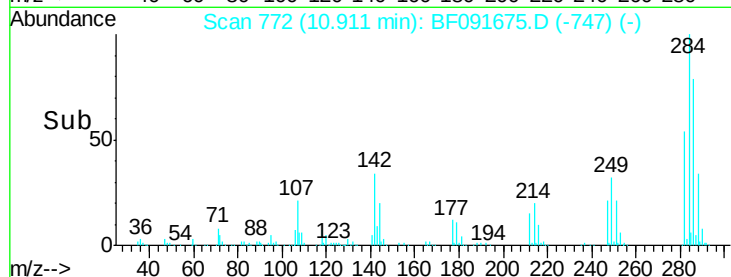
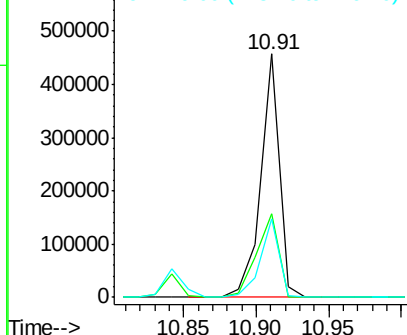
#67
Hexachlorobenzene
Concen: 47.77 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB95362BS

Tgt Ion:284 Resp: 407227
Ion Ratio Lower Upper
284 100
142 34.4 17.9 26.9#
249 32.2 23.6 35.4

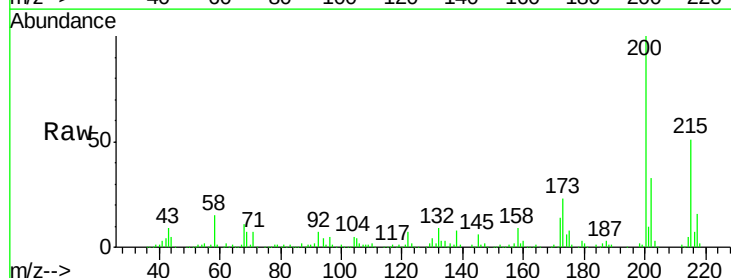


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

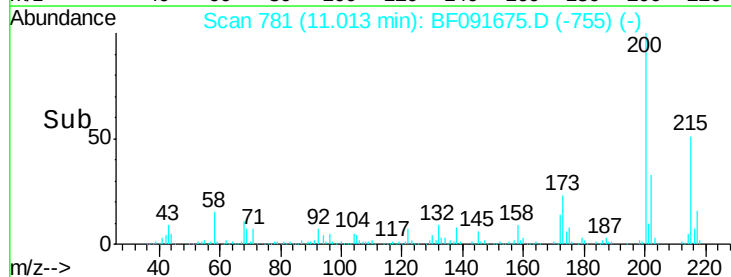
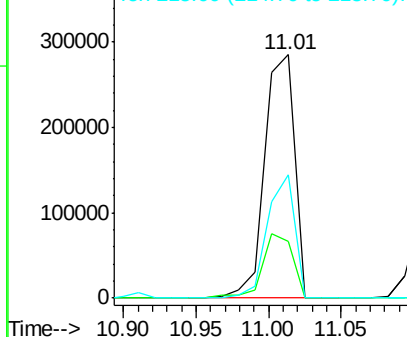


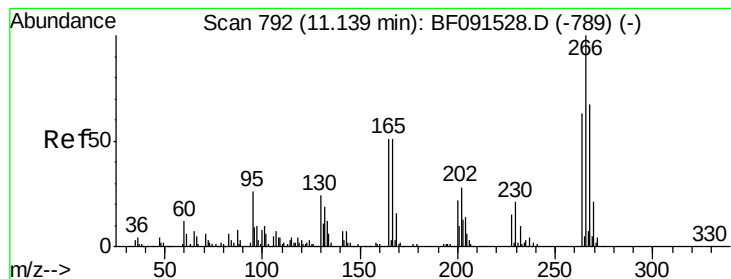
#68
Atrazine
Concen: 52.88 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:200 Resp: 405378
Ion Ratio Lower Upper
200 100
173 23.1 7.8 47.8
215 50.6 24.3 64.3



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





#69

Pentachlorophenol

Concen: 91.75 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

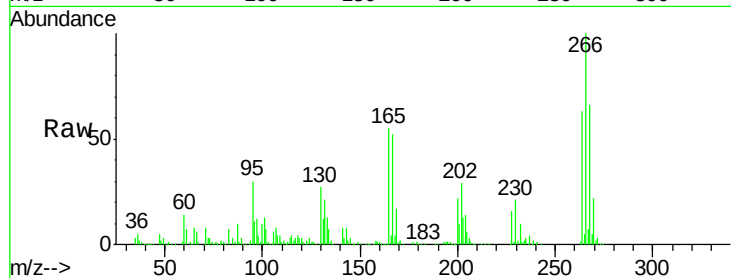
Tgt Ion:266 Resp: 440175

Ion Ratio Lower Upper

266 100

268 66.4 50.3 75.5

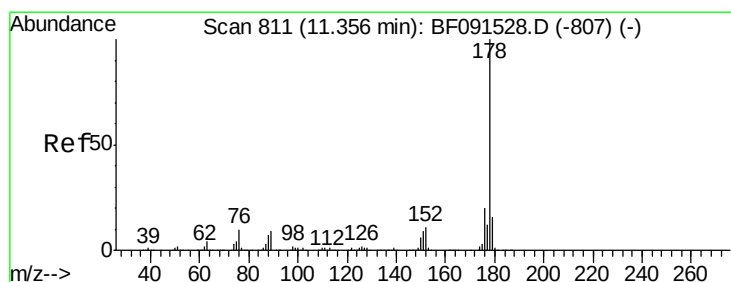
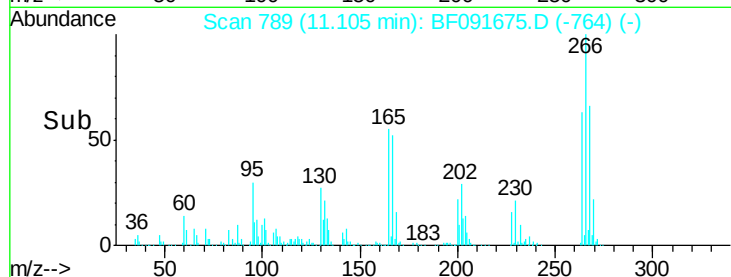
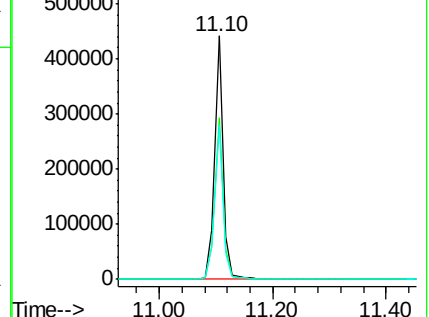
264 63.0 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 52.23 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

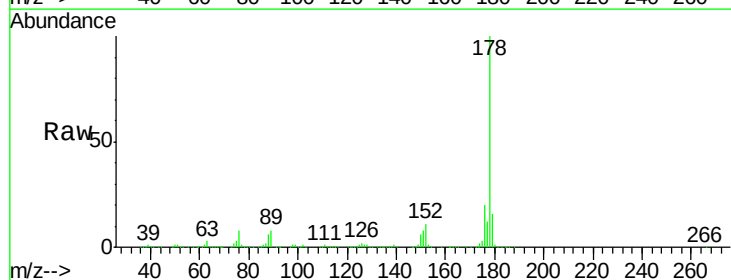
Tgt Ion:178 Resp: 2068048

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

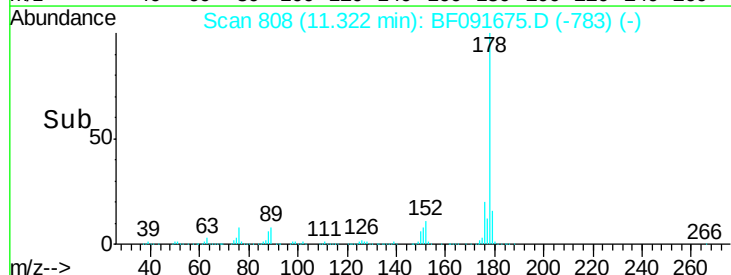
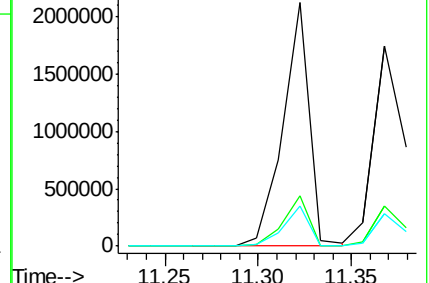
179 16.2 12.6 18.8

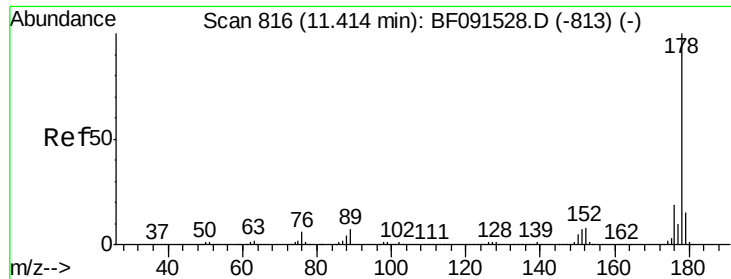


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

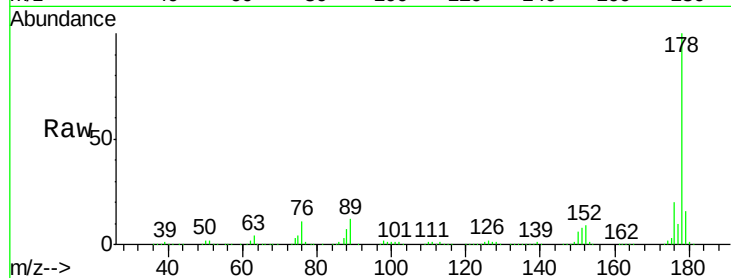




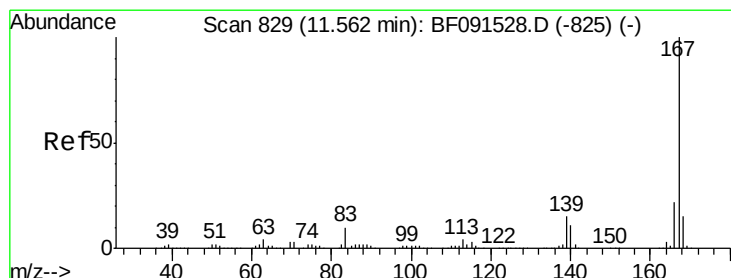
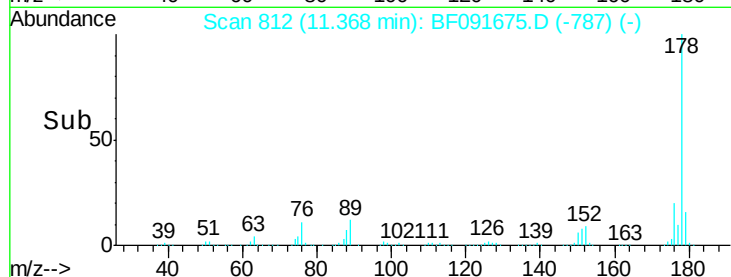
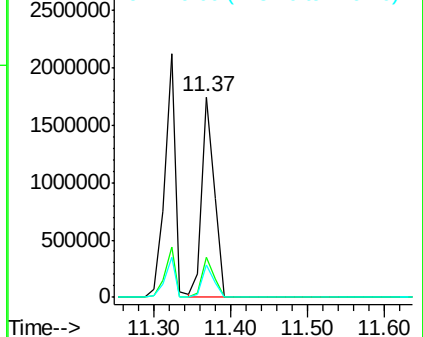
#71
 Anthracene
 Concen: 45.46 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

Tgt Ion:178 Resp: 1941457
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 16.2 12.7 19.1

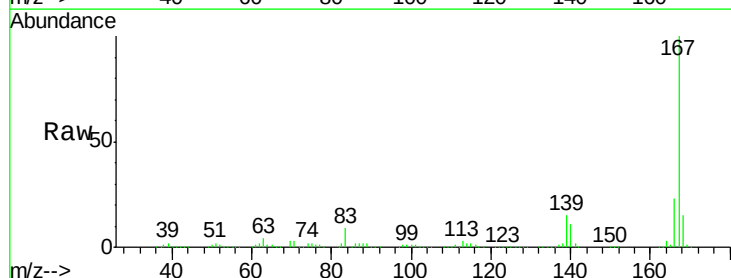


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

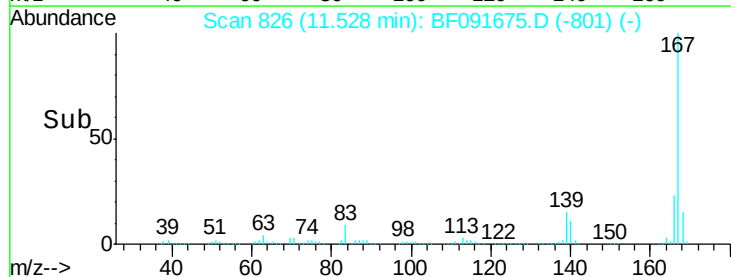
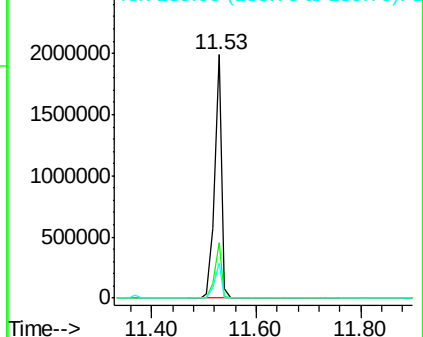


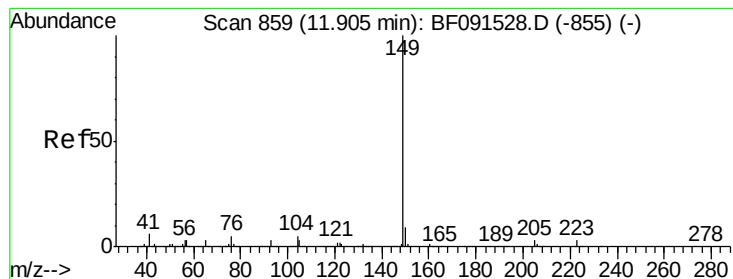
#72
 Carbazole
 Concen: 49.43 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion:167 Resp: 1850485
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.5 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: 44.73 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

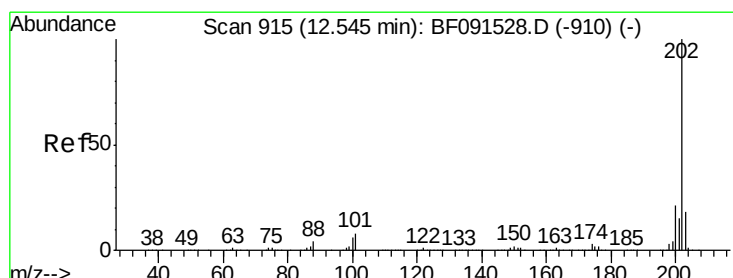
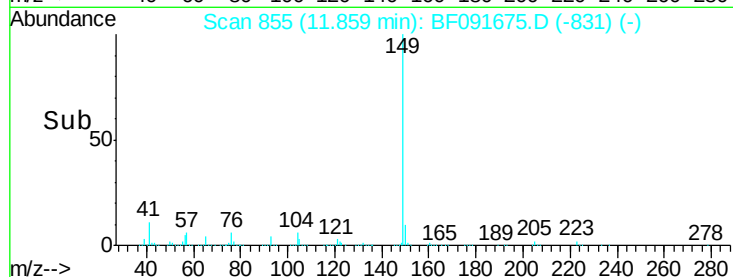
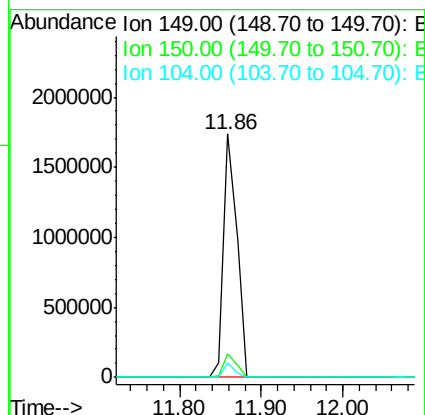
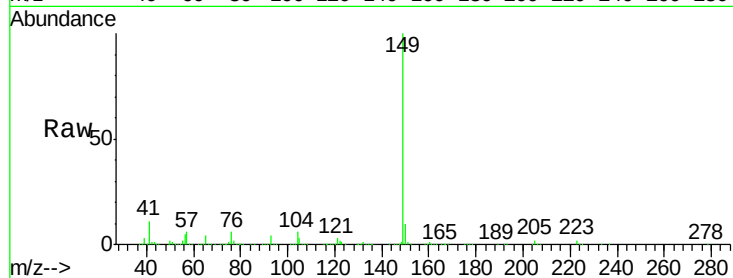
Tgt Ion:149 Resp: 1951028

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

104 6.1 4.0 6.0#



#74

Fluoranthene

Concen: 46.97 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

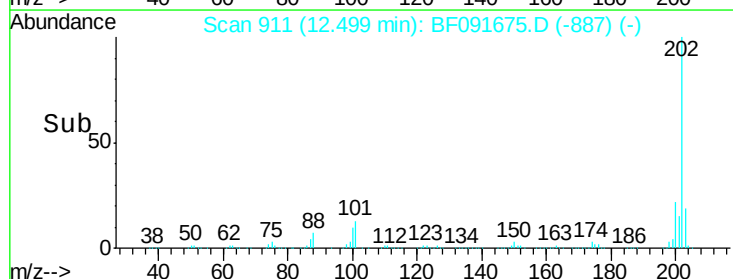
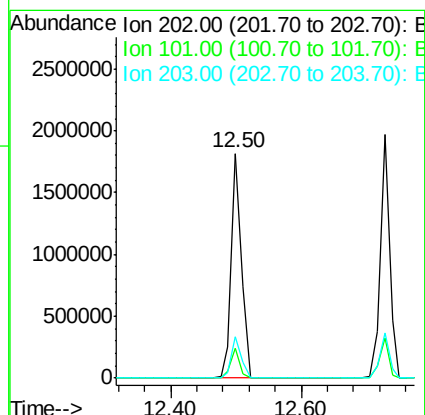
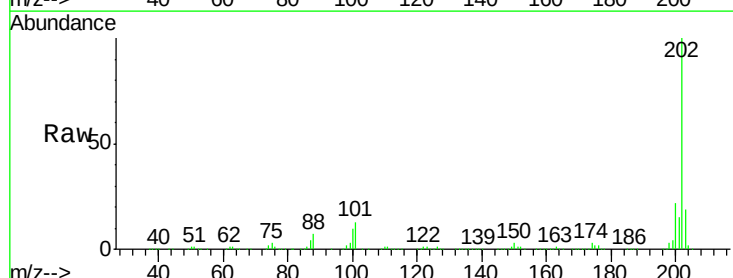
Tgt Ion:202 Resp: 1947336

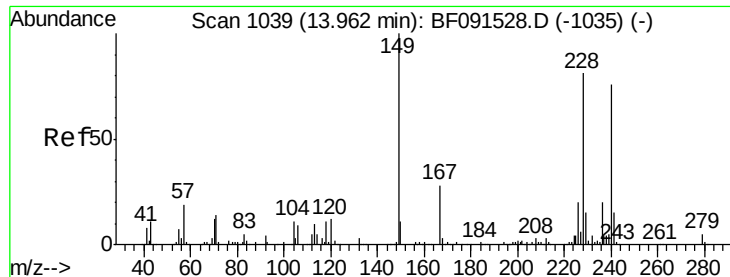
Ion Ratio Lower Upper

202 100

101 13.4 0.0 29.5

203 18.6 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

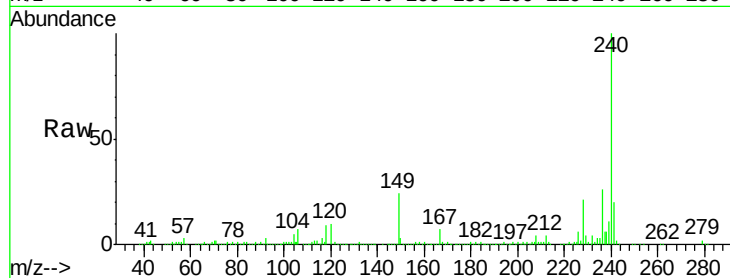
Tgt Ion:240 Resp: 646702

Ion Ratio Lower Upper

240 100

120 10.1 12.1 18.1#

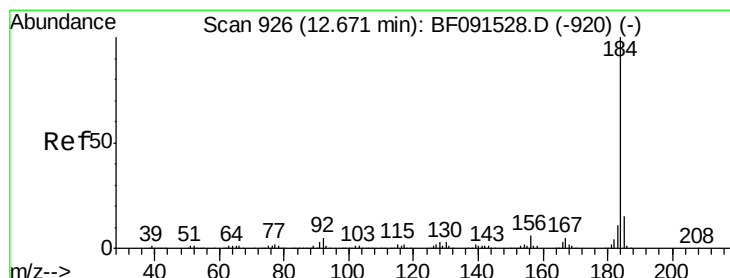
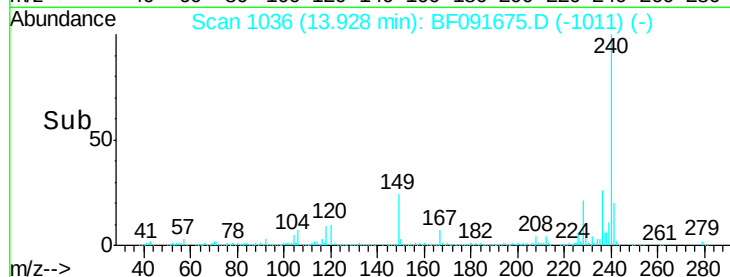
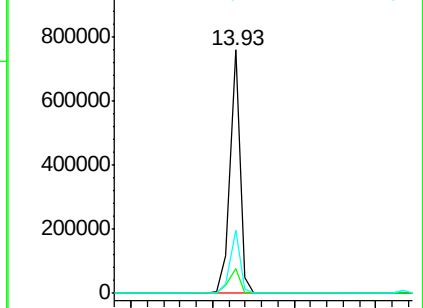
236 26.2 21.0 31.6



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: 21.05 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

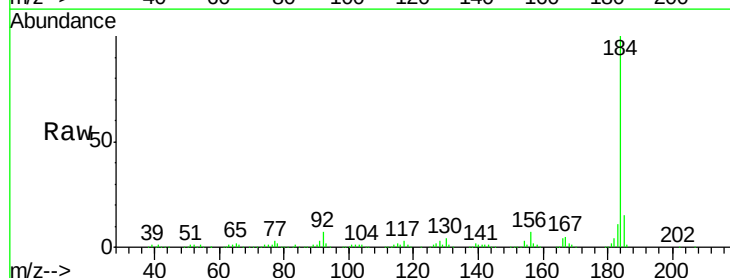
Tgt Ion:184 Resp: 420888

Ion Ratio Lower Upper

184 100

185 15.0 13.1 19.7

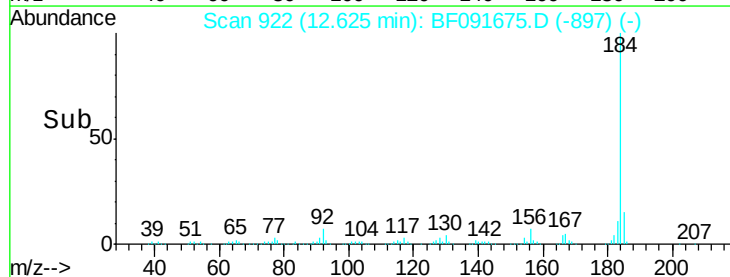
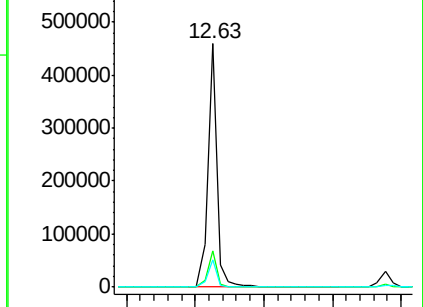
183 11.4 8.9 13.3

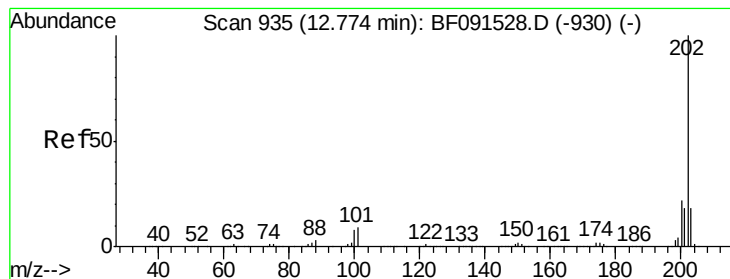


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.10 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

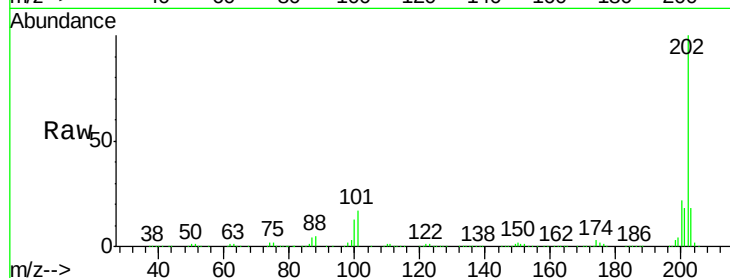
Tgt Ion:202 Resp: 1954972

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

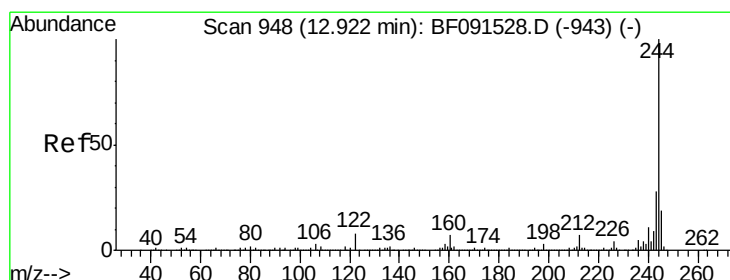
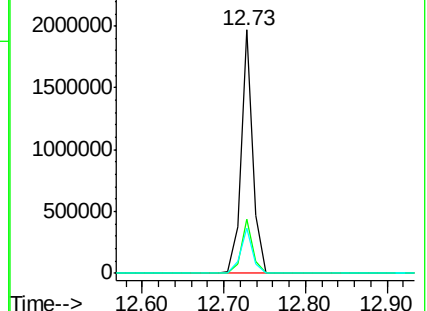
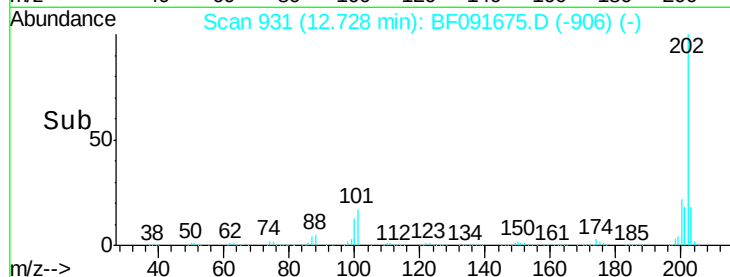
203 18.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.48 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

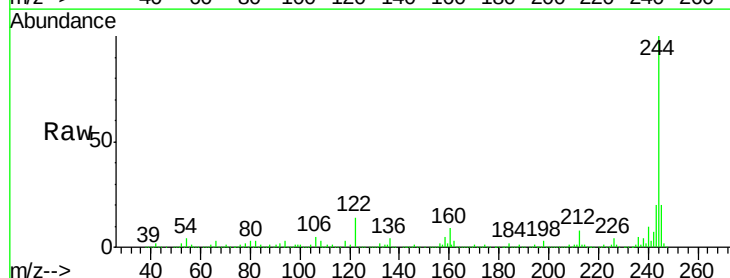
Tgt Ion:244 Resp: 2293604

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

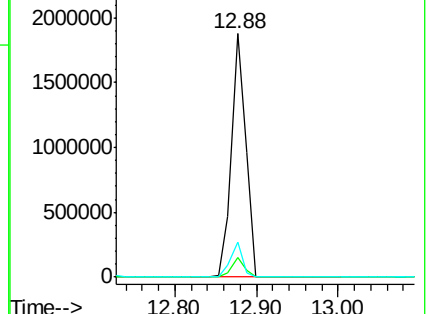
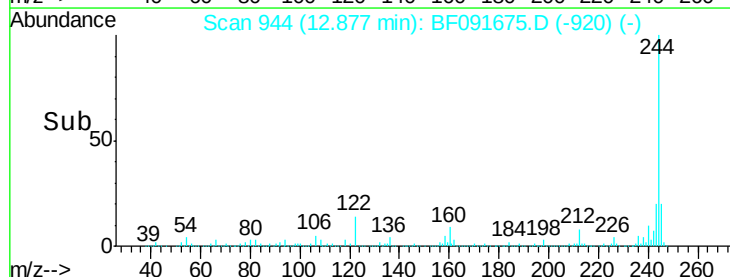
122 14.4 9.5 14.3#

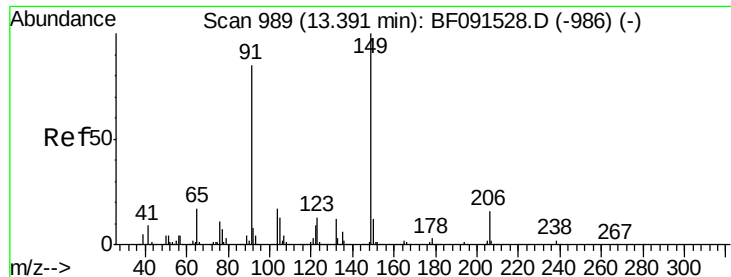


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

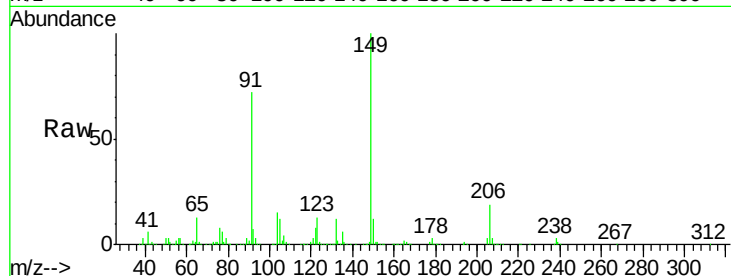




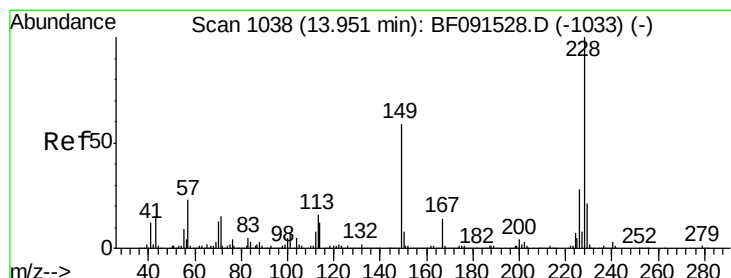
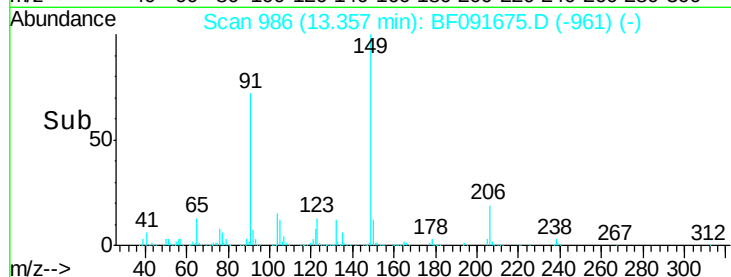
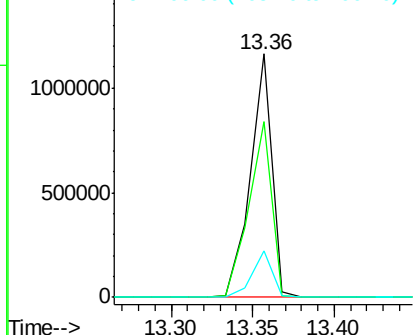
#79
Butylbenzylphthalate
Concen: 53.01 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Instrument :
BNA_F
ClientSampleId :
PB95362BS

Tgt Ion:149 Resp: 1060212
Ion Ratio Lower Upper
149 100
91 72.1 57.4 86.2
206 19.0 15.4 23.2

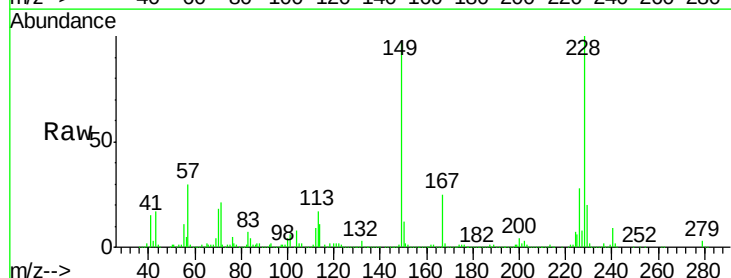


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

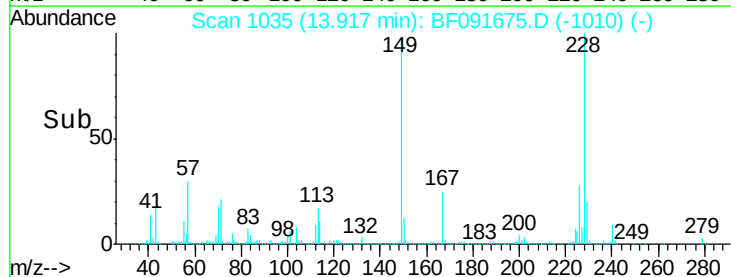
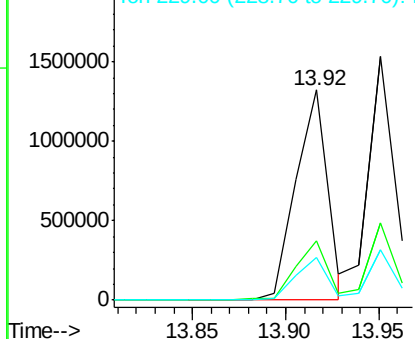


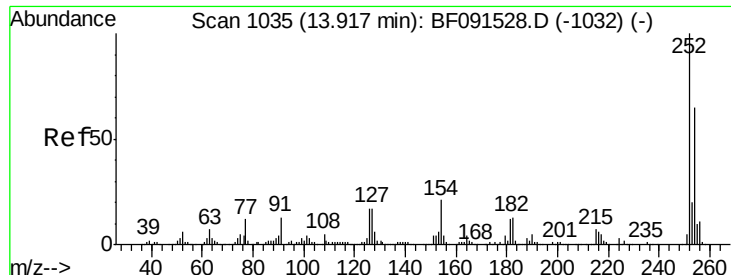
#80
Benzo(a)anthracene
Concen: 41.88 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:228 Resp: 1572885
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 20.3 16.4 24.6



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

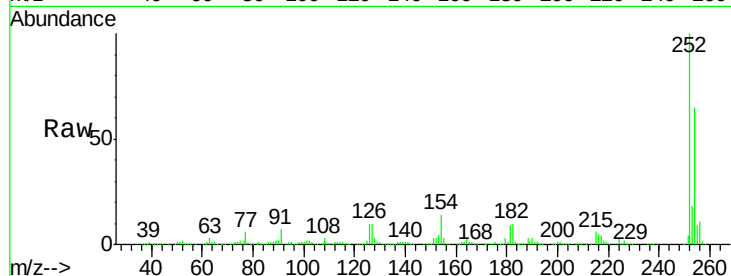




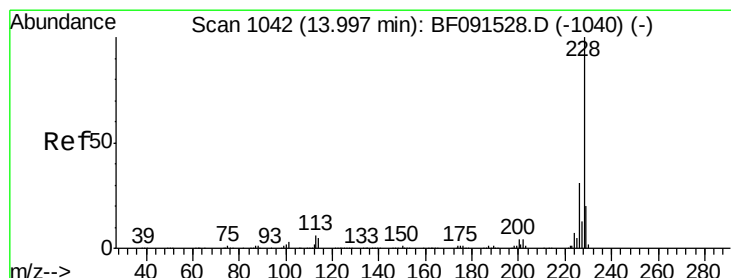
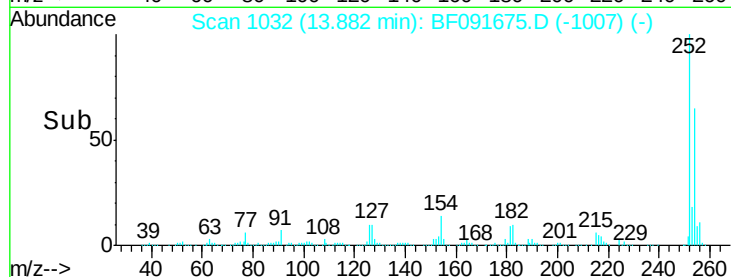
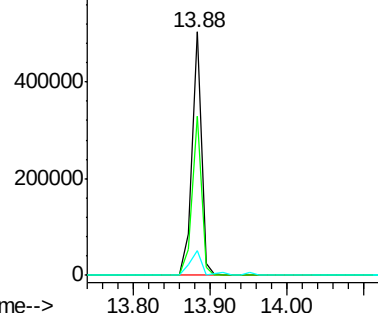
#81
 3,3'-Dichlorobenzidine
 Concen: 31.63 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95362BS

Tgt Ion:252 Resp: 426519
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.1 78.1
 126 10.3 7.5 11.3

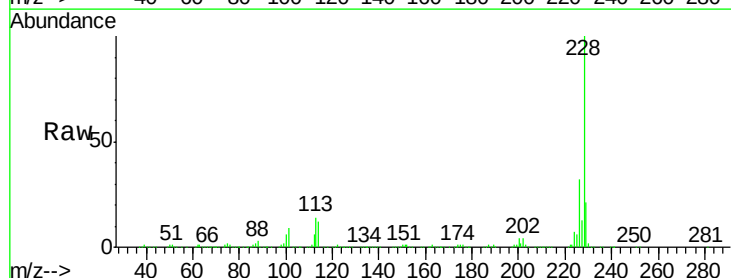


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

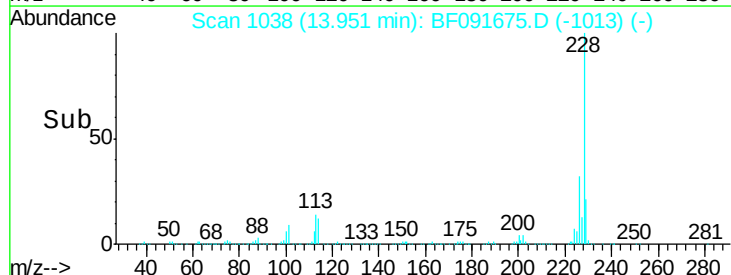
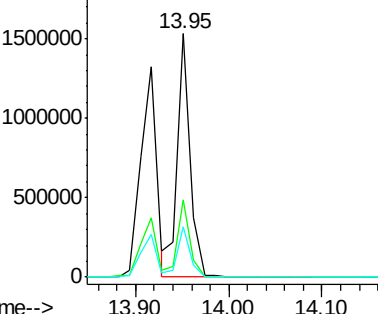


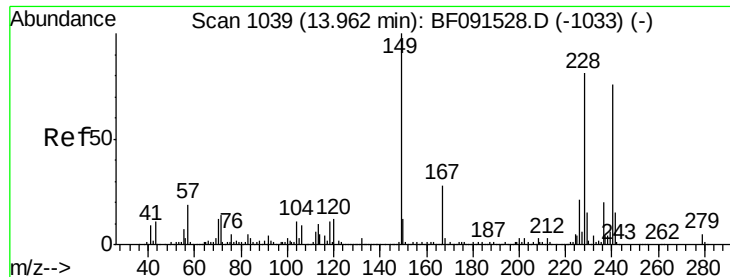
#82
 Chrysene
 Concen: 37.82 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091675.D
 Acq: 16 Dec 2016 16:24

Tgt Ion:228 Resp: 1486079
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.4
 229 20.9 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.44 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

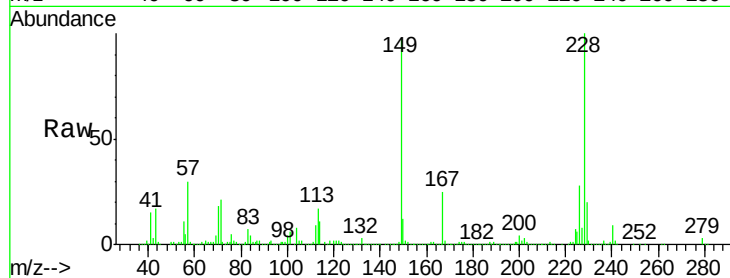
Tgt Ion:149 Resp: 1165873

Ion Ratio Lower Upper

149 100

167 26.2 19.6 29.4

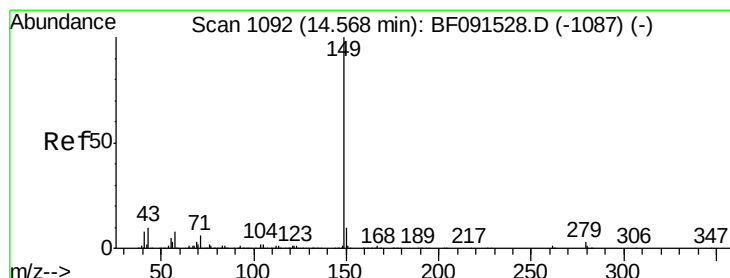
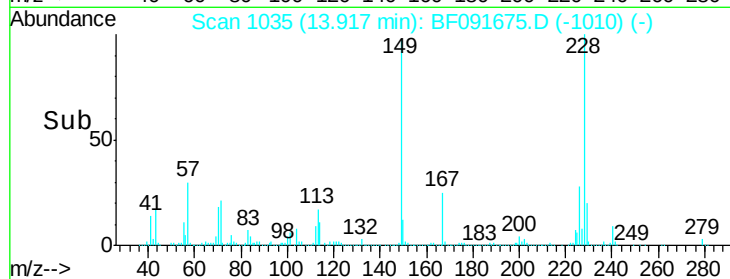
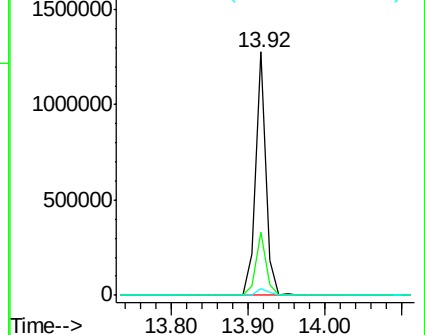
279 2.9 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.54 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

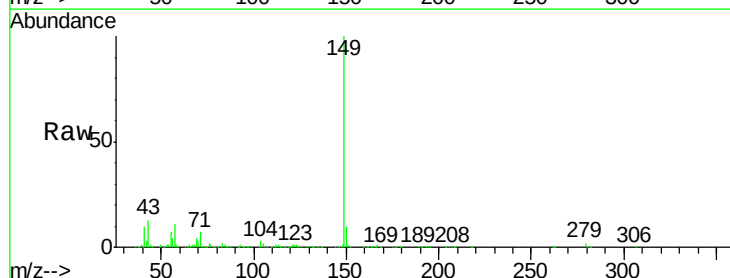
Tgt Ion:149 Resp: 2244972

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

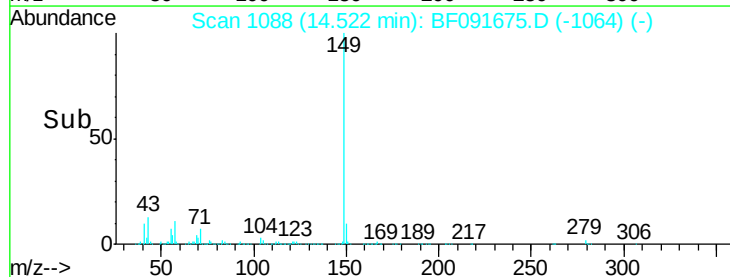
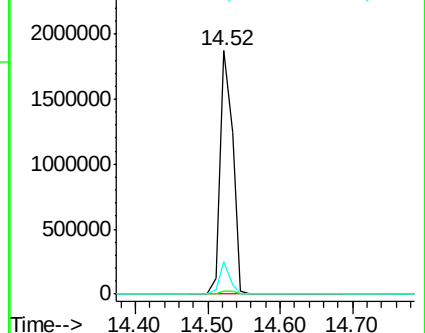
43 10.5 11.9 17.9#

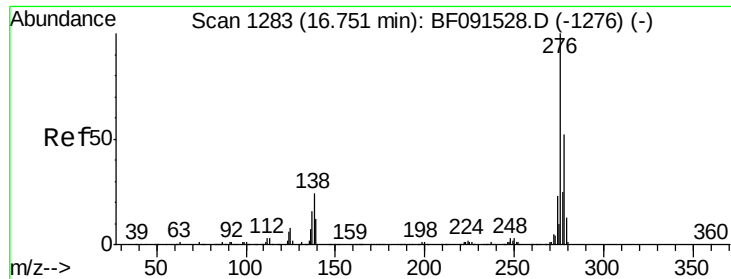


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.40 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.03 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS

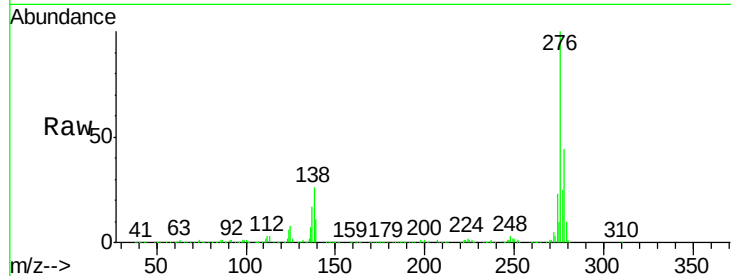
Tgt Ion:276 Resp: 1605151

Ion Ratio Lower Upper

276 100

138 27.1 21.0 31.4

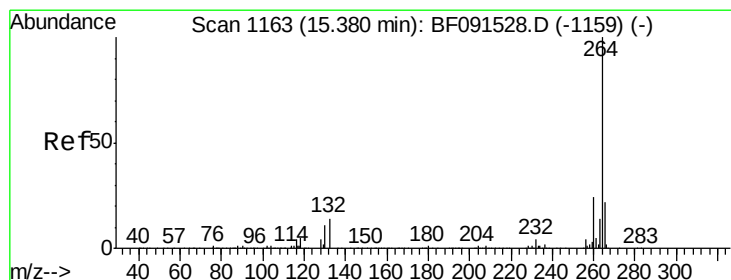
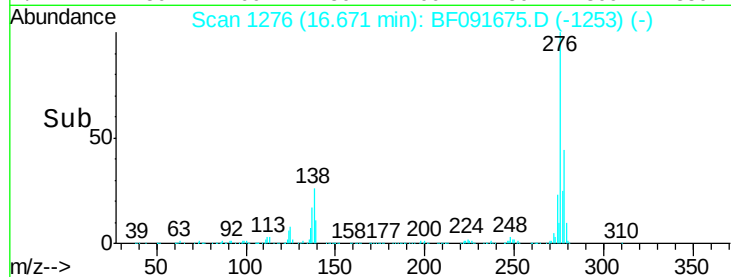
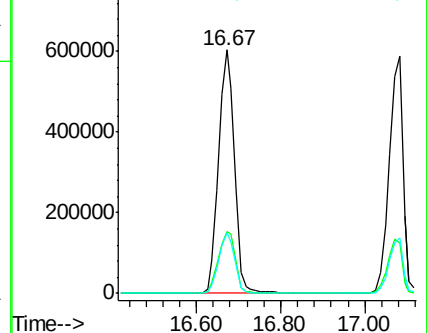
277 24.8 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

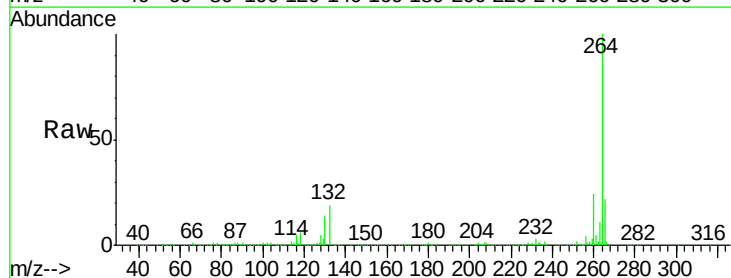
Tgt Ion:264 Resp: 539594

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

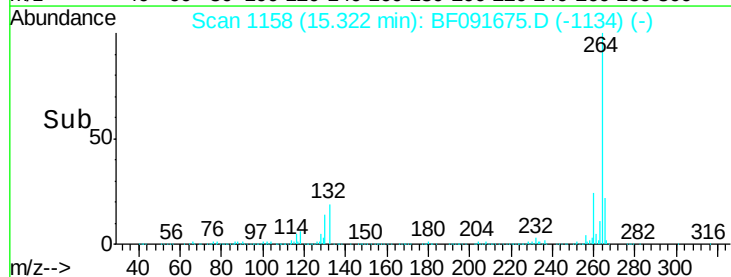
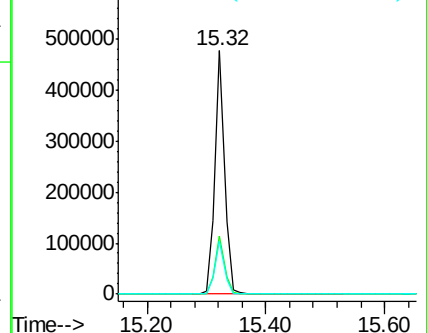
265 21.9 17.0 25.6

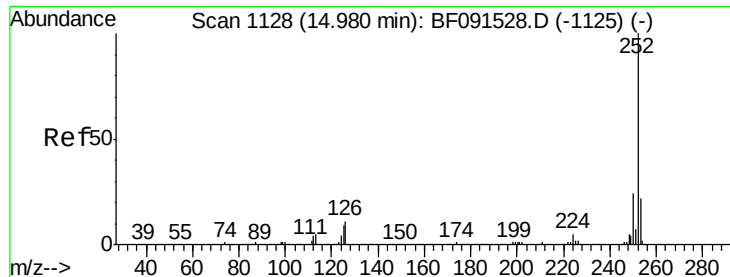


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

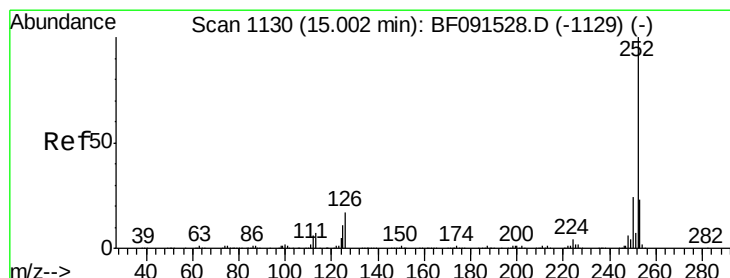
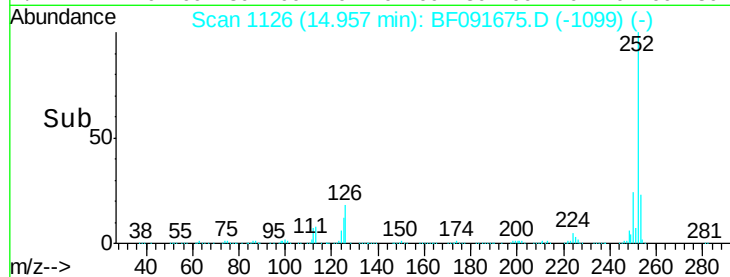
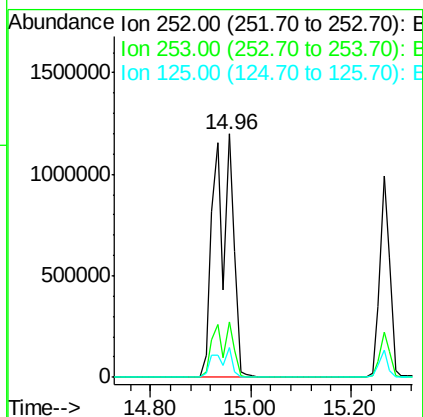
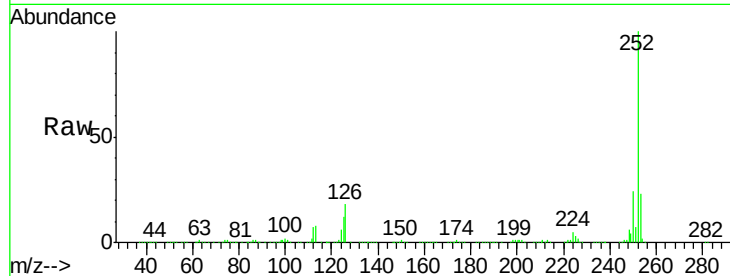




#87
Benzo(b)fluoranthene
Concen: 94.15 ng
RT: 14.96 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

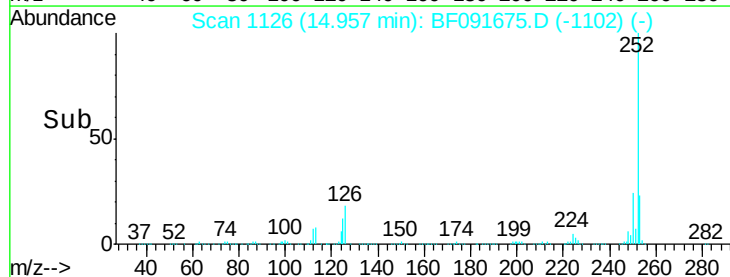
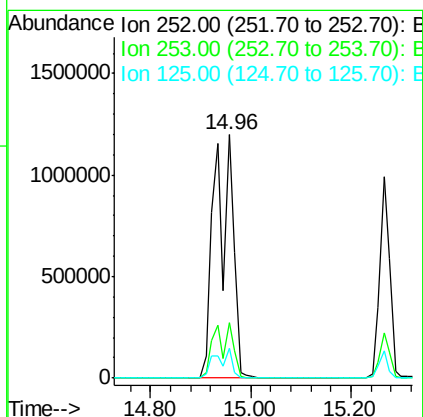
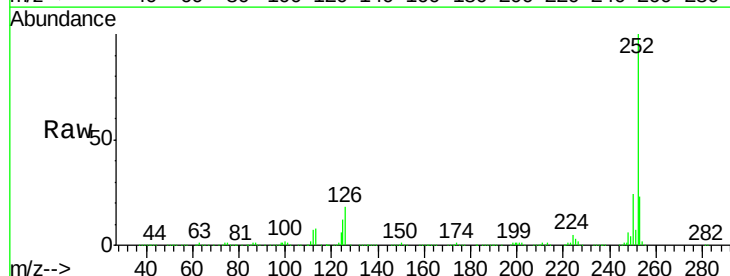
Instrument :
BNA_F
ClientSampleId :
PB95362BS

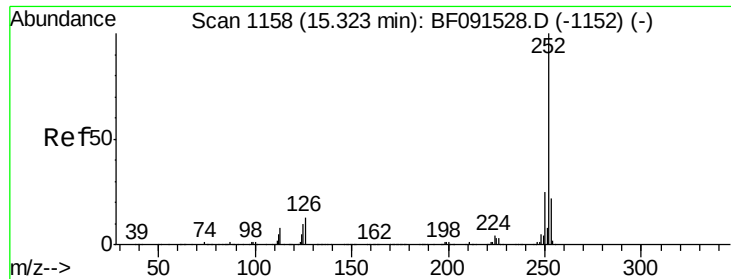
Tgt Ion:252 Resp: 3028477
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.1 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 107.08 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF091675.D
Acq: 16 Dec 2016 16:24

Tgt Ion:252 Resp: 3028477
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 12.1 9.6 14.4





#89

Benzo(a)pyrene

Concen: 47.81 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampled :

PB95362BS

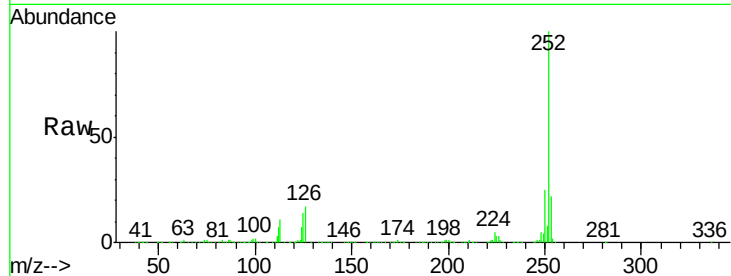
Tgt Ion:252 Resp: 1385324

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

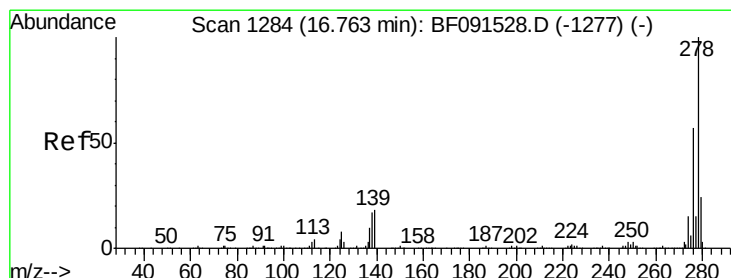
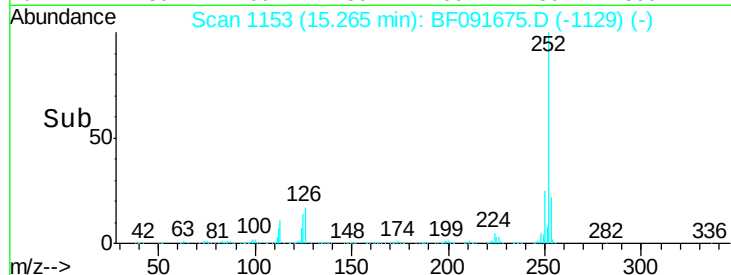
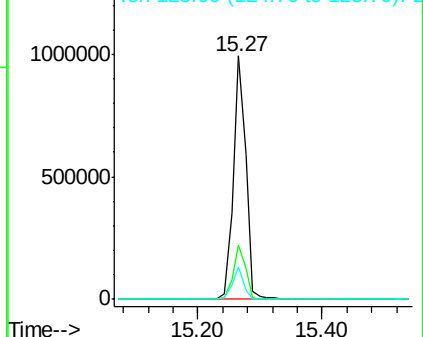
125 13.5 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.02 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF091675.D

Acq: 16 Dec 2016 16:24

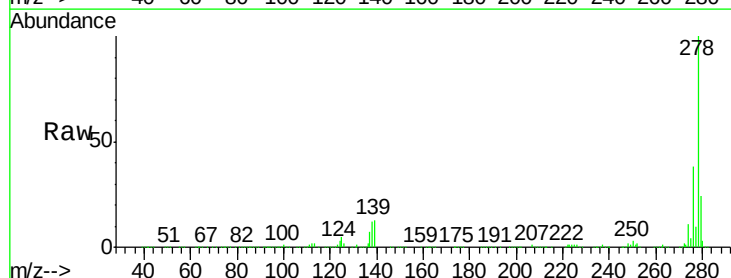
Tgt Ion:278 Resp: 1298509

Ion Ratio Lower Upper

278 100

139 13.1 15.1 22.7#

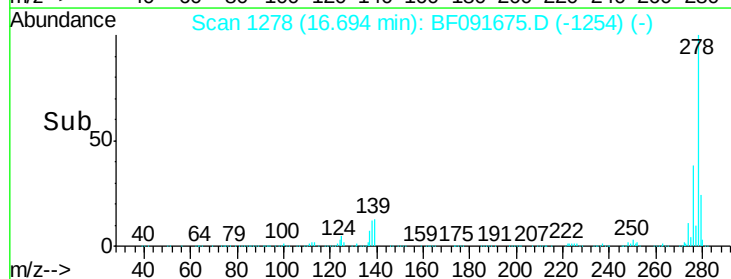
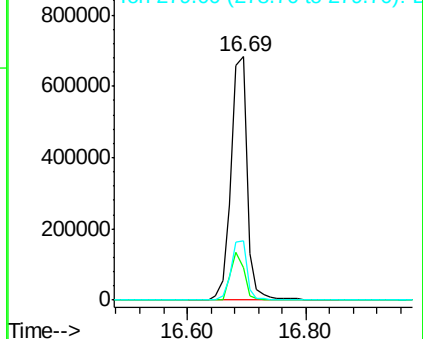
279 24.1 19.0 28.6

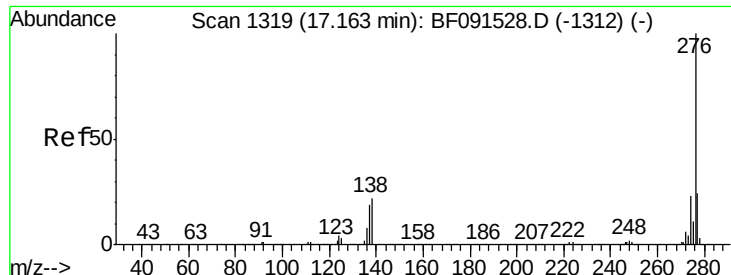


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.89 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.03 min

Lab File: BF091675.D

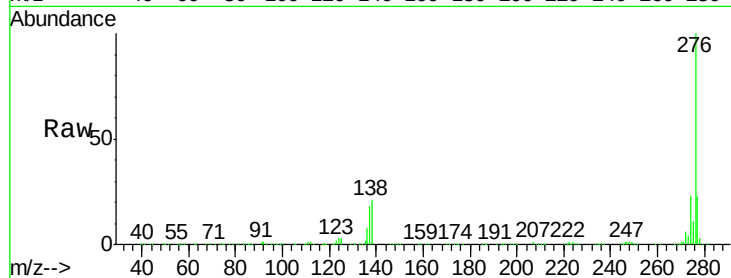
Acq: 16 Dec 2016 16:24

Instrument :

BNA_F

ClientSampleId :

PB95362BS



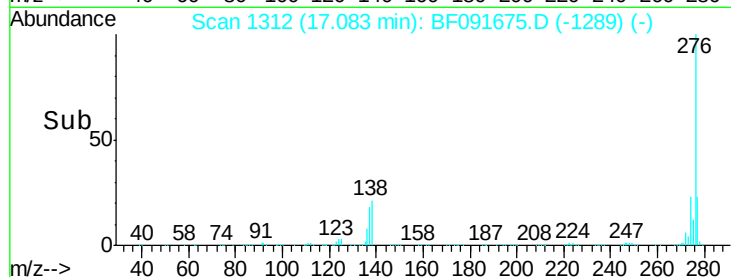
Tgt Ion:276 Resp: 1344564

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 21.2 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

17.08

