

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093445.D
 Acq On : 8 Mar 2017 22:56
 Operator : SJ/MA
 Sample : I2126-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA7-BASE

Quant Time: Mar 09 00:06:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	450012	20.00	ng	0.15
21) Naphthalene-d8	8.23	136	263716	20.00	ng	0.17
38) Acenaphthene-d10	9.80	164	322442	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	574839	20.00	ng	0.00
75) Chrysene-d12	13.93	240	456423	20.00	ng	0.01
86) Perylene-d12	15.34	264	295496	20.00	ng	0.01

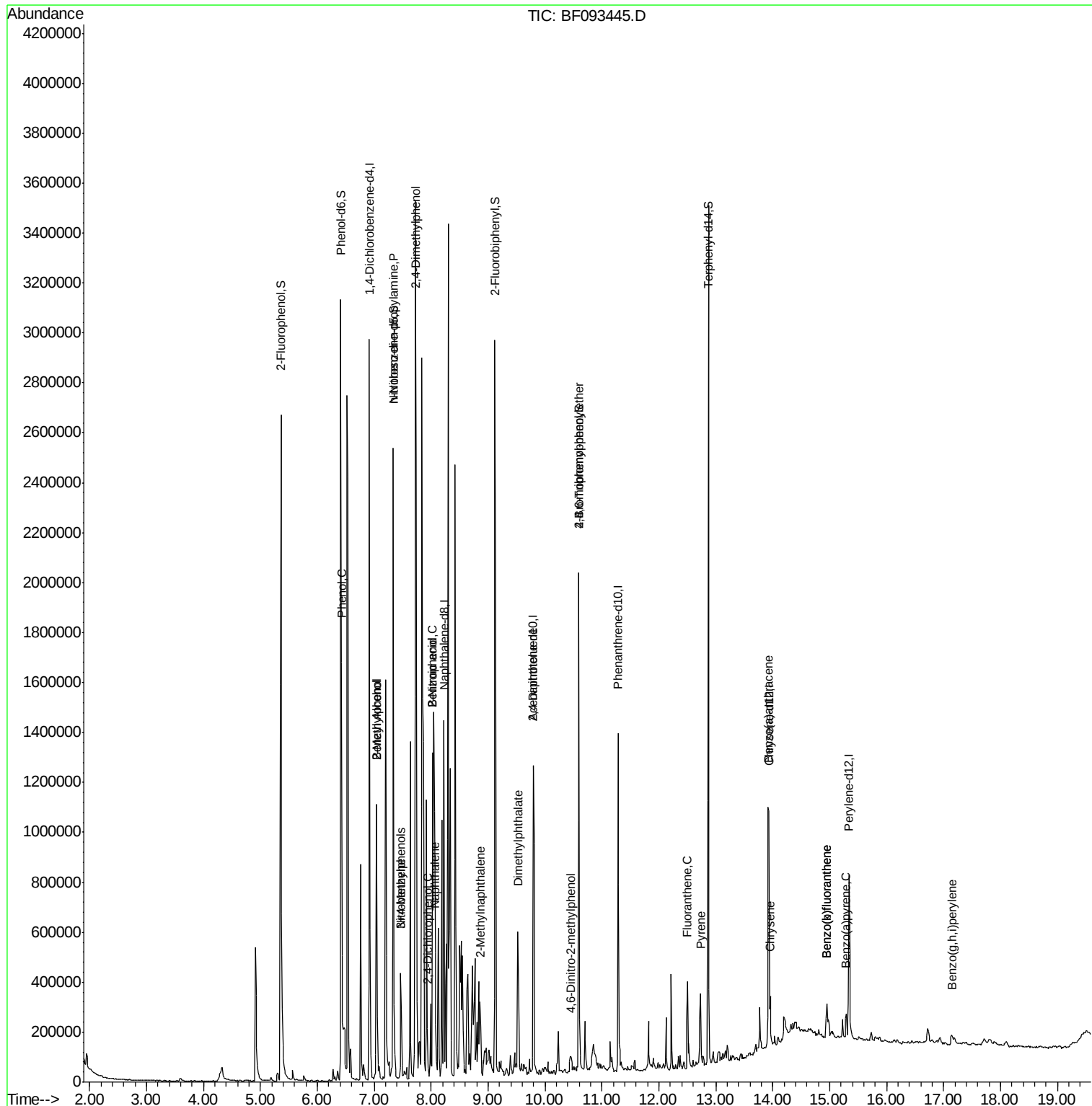
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1070309	39.58	ng	0.01
7) Phenol-d6	6.41	99	1292979	37.92	ng	0.00
23) Nitrobenzene-d5	7.34	82	849309	178.69	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	247964	118.03	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1257041	72.51	ng	-0.01
78) Terphenyl-d14	12.87	244	1051832	59.92	ng	0.00

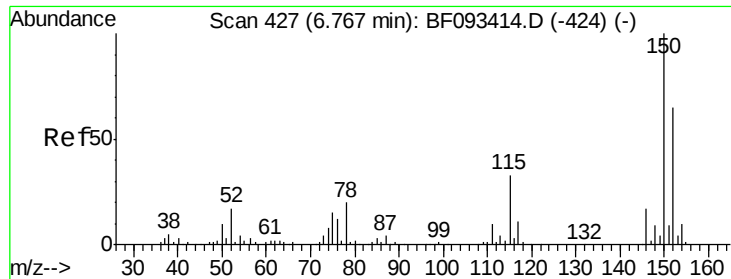
Target Compounds				Qvalue		
9) Benzaldehyde	6.44	77	4582	Below Cal	#	1
10) Phenol	6.42	94	145533	3.48	ng	96
15) Benzyl Alcohol	7.04	79	87114	3.58	ng	1
17) 2-Methylphenol	7.04	107	196675	7.68	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	116662	4.98	ng	81
20) 3+4-Methylphenols	7.46	107	93358	2.81	ng	39
24) Nitrobenzene	7.46	77	39025	7.31	ng	72
26) 2-Nitrophenol	8.02	139	5267	2.16	ng	1
27) 2,4-Dimethylphenol	7.73	122	1008142	254.28	ng	96
29) 2,4-Dichlorophenol	7.93	162	8528	2.29	ng	81
31) Naphthalene	8.07	128	252011	19.07	ng	95
32) Benzoic acid	8.02	122	195275	94.78	ng	17
37) 2-Methylnaphthalene	8.86	142	75862	9.02	ng	96
49) Dimethylphthalate	9.52	163	274325	12.83	ng	97
56) 2,4-Dinitrotoluene	9.80	165	42985	7.46	ng	21
64) 4,6-Dinitro-2-methylphenol	10.46	198	8980	2.41	ng	60
66) 4-Bromophenyl-phenylether	10.60	248	19680	3.24	ng	1
74) Fluoranthene	12.51	202	150602	4.75	ng	94
77) Pyrene	12.73	202	143944	4.34	ng	97
80) Benzo(a)anthracene	13.92	228	68524	2.54	ng	99
82) Chrysene	13.96	228	72953	2.93	ng	98
87) Benzo(b)fluoranthene	14.95	252	102338	5.69	ng	96
88) Benzo(k)fluoranthene	14.95	252	102338	5.90	ng	95
89) Benzo(a)pyrene	15.29	252	53845	3.27	ng	97
91) Benzo(g,h,i)perylene	17.15	276	33571	2.40	ng	90

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

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\  
Data File : BF093445.D  
Acq On    : 8 Mar 2017 22:56  
Operator  : SJ/MA  
Sample    : I2126-05  
Misc      :  
ALS Vial  : 17 Sample Multiplier: 1
```

Quant Time: Mar 09 00:06:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration



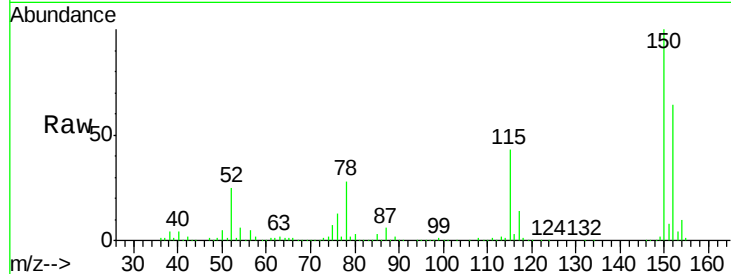


#1

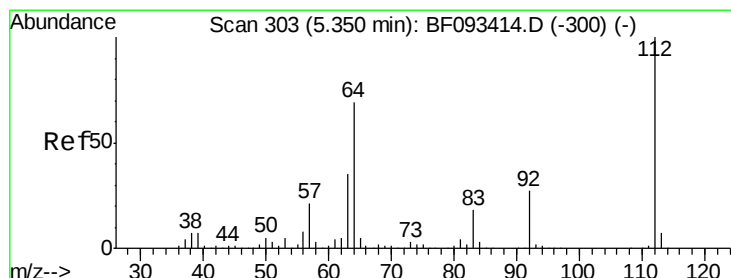
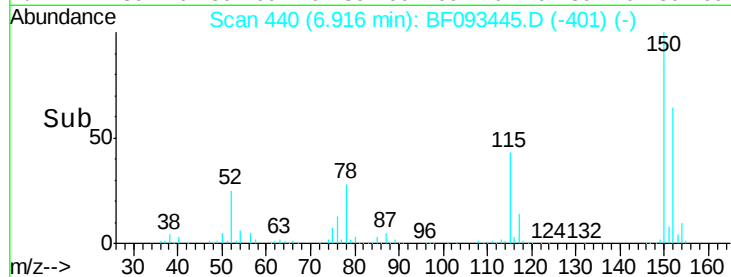
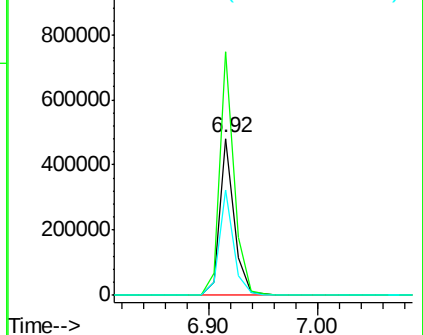
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF093445.D
 Acq: 8 Mar 2017 22:56

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA7-BASE

Tgt Ion:152 Resp: 450012
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.9 187.3
 115 67.3 46.0 69.0



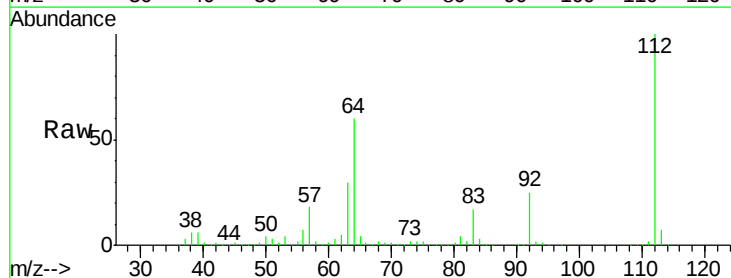
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



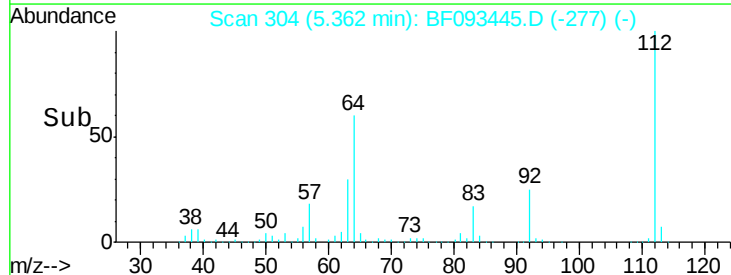
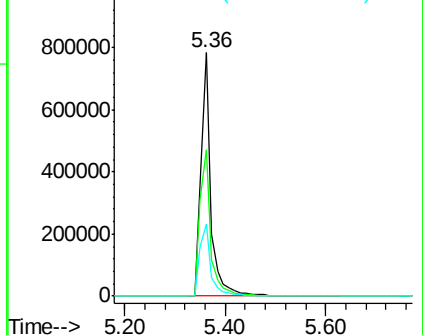
#5

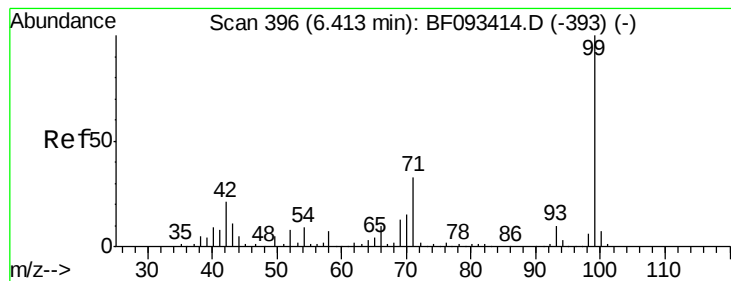
2-Fluorophenol
 Concen: 39.58 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093445.D
 Acq: 8 Mar 2017 22:56

Tgt Ion:112 Resp: 1070309
 Ion Ratio Lower Upper
 112 100
 64 60.3 46.1 69.1
 63 29.6 23.8 35.6



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





#7

Phenol-d6

Concen: 37.92 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

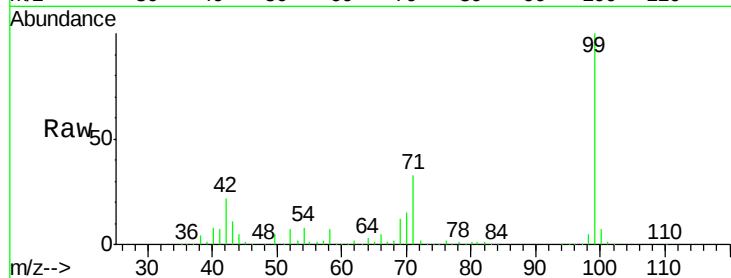
Tgt Ion: 99 Resp: 1292979

Ion Ratio Lower Upper

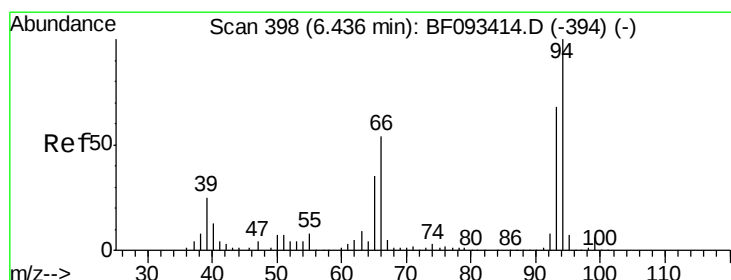
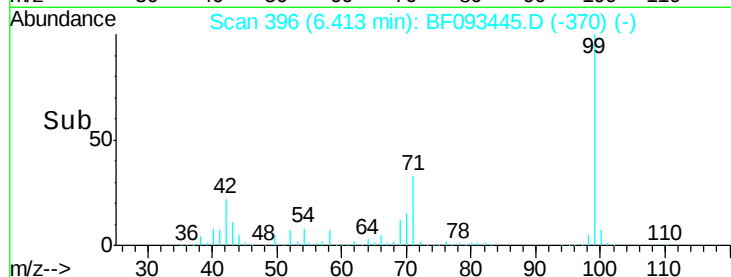
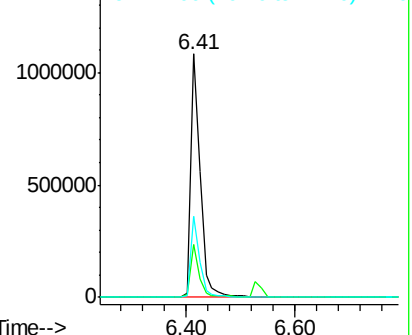
99 100

42 21.9 15.6 23.4

71 33.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.48 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

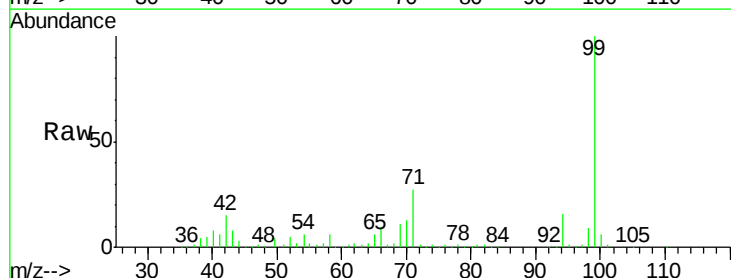
Tgt Ion: 94 Resp: 145533

Ion Ratio Lower Upper

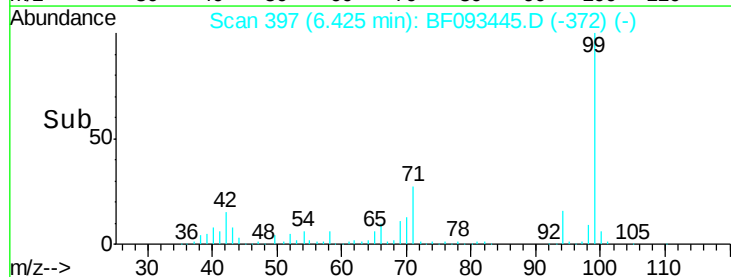
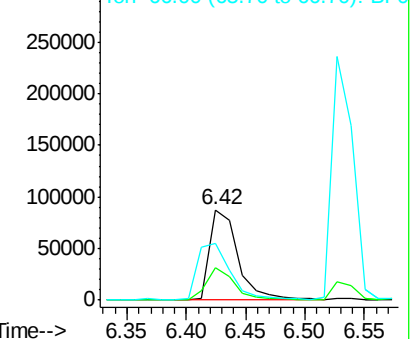
94 100

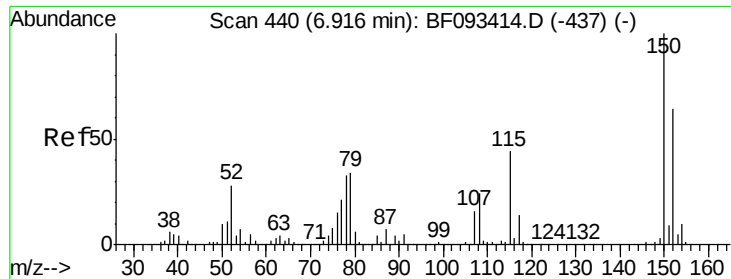
65 35.7 21.4 61.4

66 63.2 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

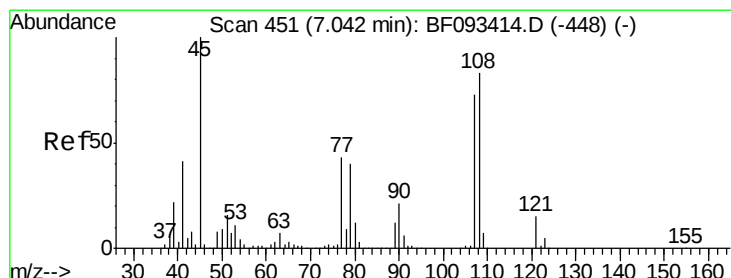
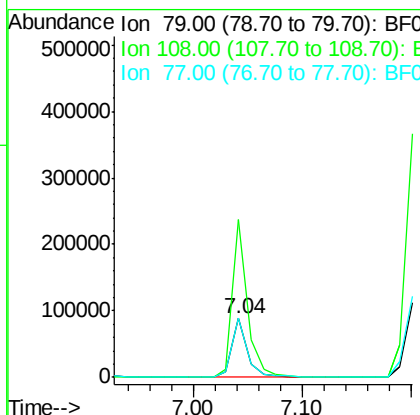
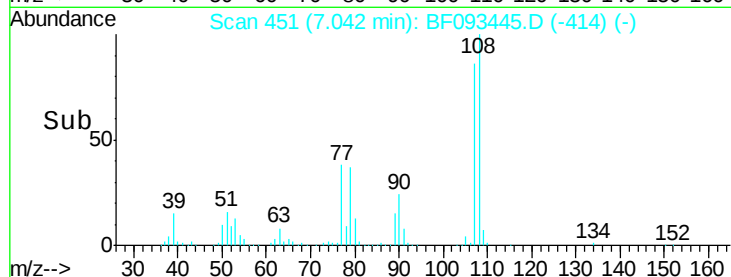
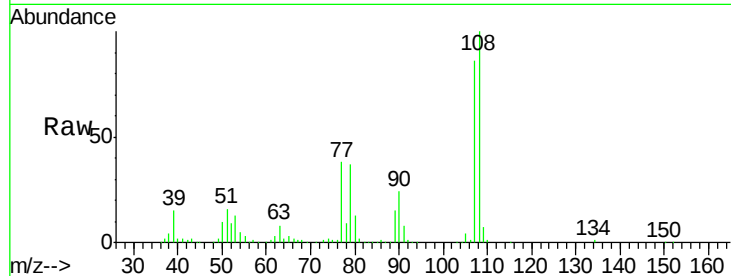




#15
Benzyl Alcohol
Concen: 3.58 ng
RT: 7.04 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

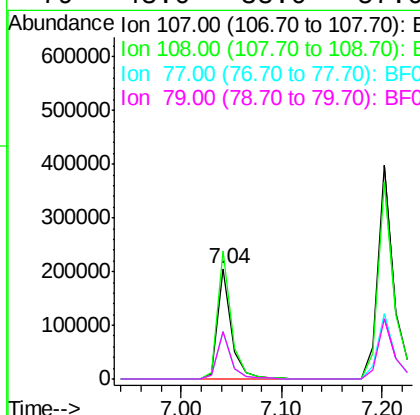
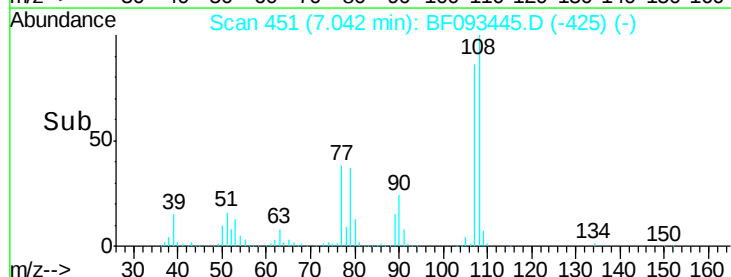
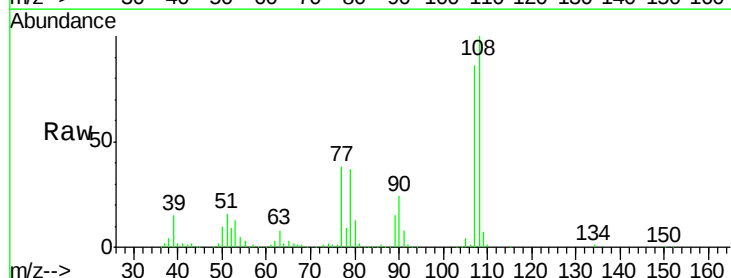
Instrument :
BNA_F
ClientSampleId :
E2-AA7-BASE

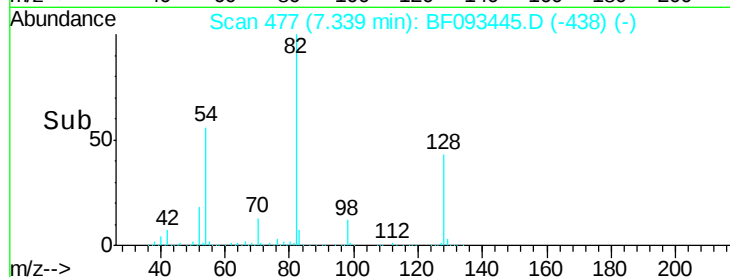
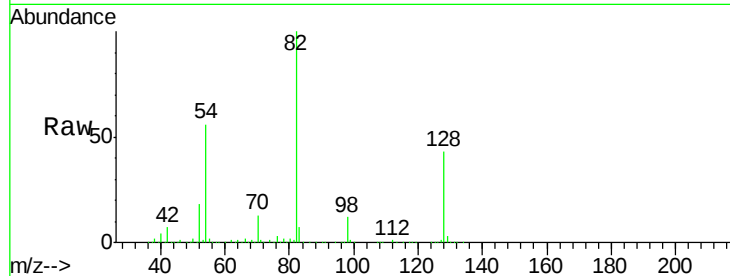
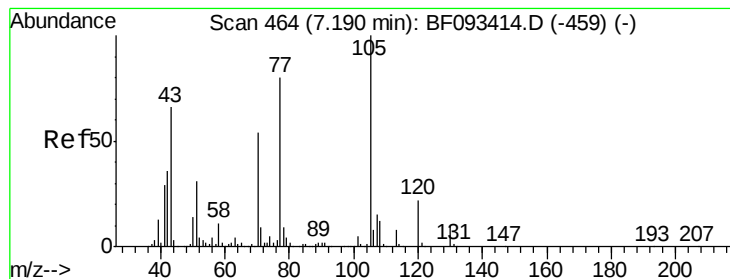
Tgt Ion: 79 Resp: 87114
Ion Ratio Lower Upper
79 100
108 268.7 61.4 92.0#
77 100.8 50.9 76.3#



#17
2-Methylphenol
Concen: 7.68 ng
RT: 7.04 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

Tgt Ion: 107 Resp: 196675
Ion Ratio Lower Upper
107 100
108 115.7 93.0 139.6
77 43.4 39.8 59.8
79 43.0 38.0 57.0





#19

n-Nitroso-di-n-propylamine

Concen: 4.98 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

Tgt Ion: 70 Resp: 116662

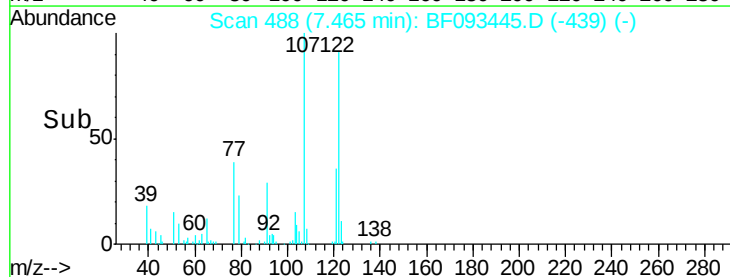
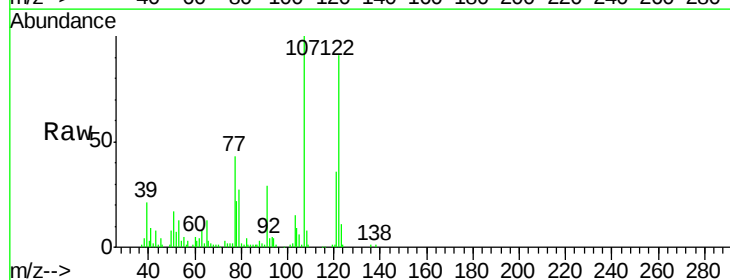
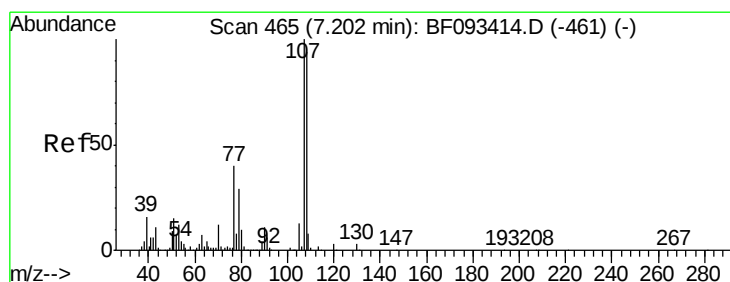
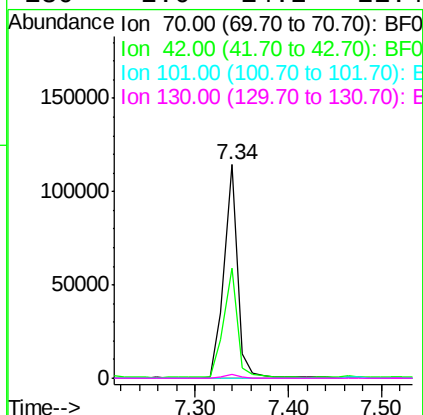
Ion Ratio Lower Upper

70 100

42 51.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#



#20

3+4-Methylphenols

Concen: 2.81 ng

RT: 7.46 min Scan# 488

Delta R.T. 0.26 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Tgt Ion: 107 Resp: 93358

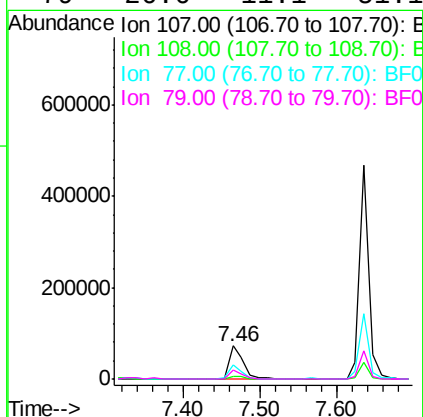
Ion Ratio Lower Upper

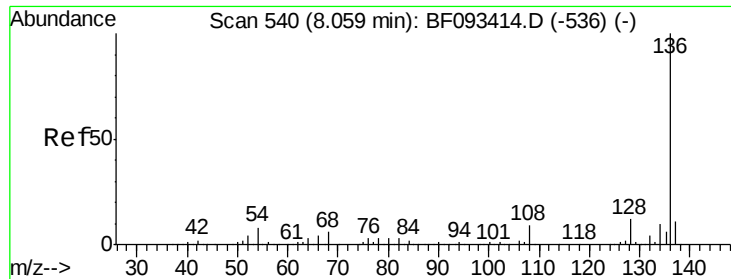
107 100

108 7.7 73.0 113.0#

77 43.0 71.3 111.3#

79 26.6 11.1 51.1

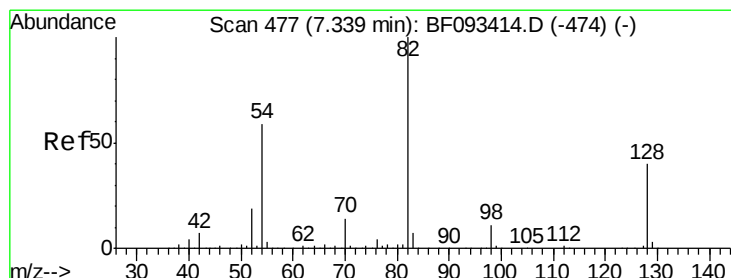
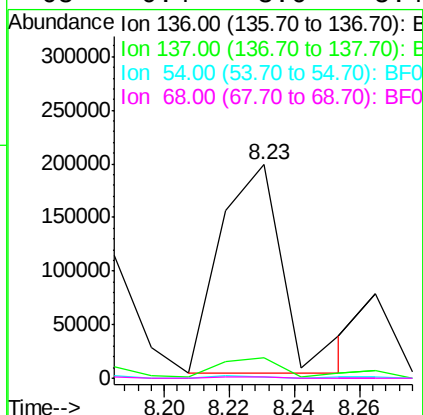
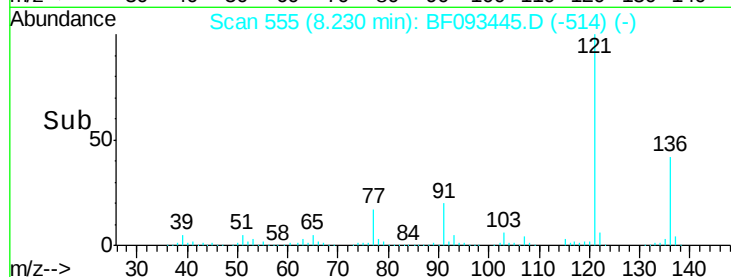
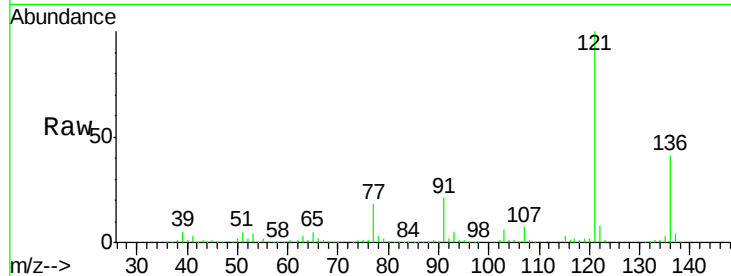




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 555
Delta R.T. 0.17 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

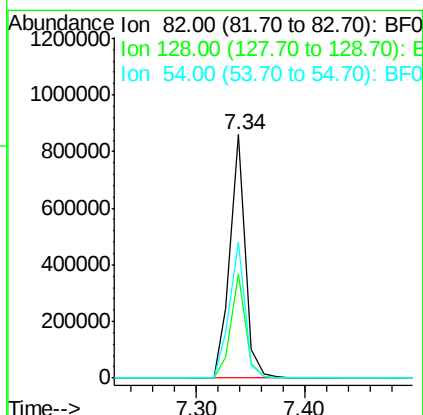
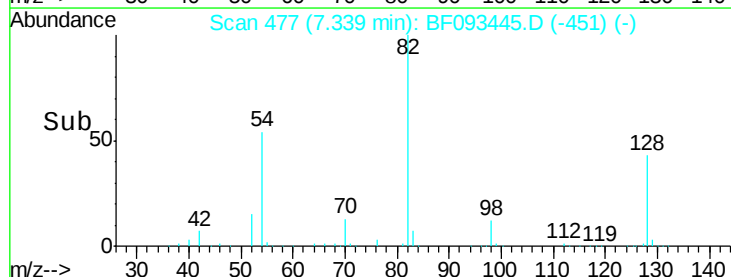
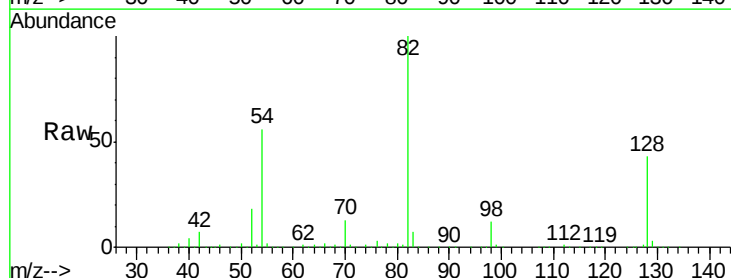
Instrument :
BNA_F
ClientSampleId :
E2-AA7-BASE

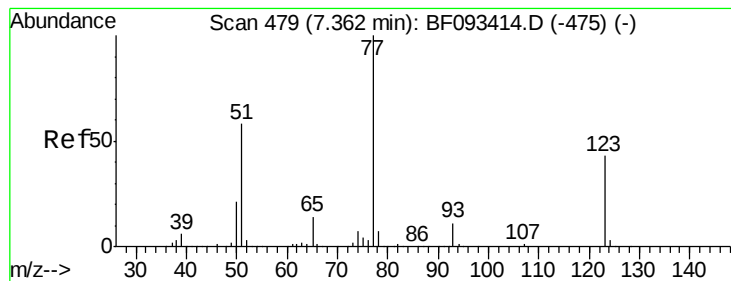
Tgt Ion:	136	Resp:	263716
Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.4	12.6
54	0.9	4.5	6.7#
68	0.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 178.69 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

Tgt Ion:	82	Resp:	849309
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	55.7	39.5	59.3





#24

Nitrobenzene

Concen: 7.31 ng

RT: 7.46 min Scan# 488

Delta R.T. 0.10 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

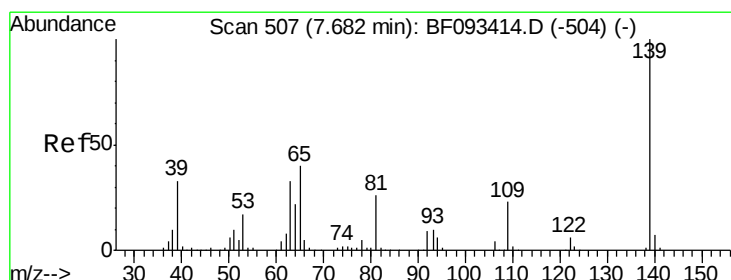
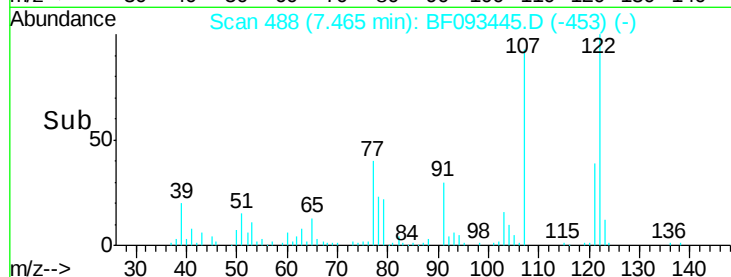
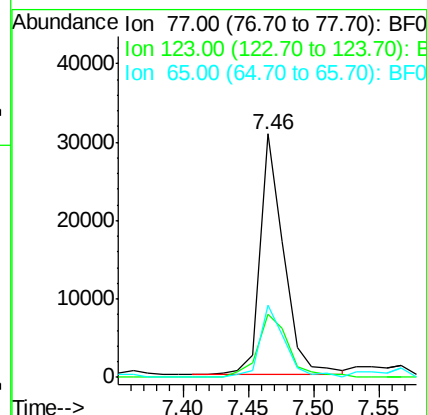
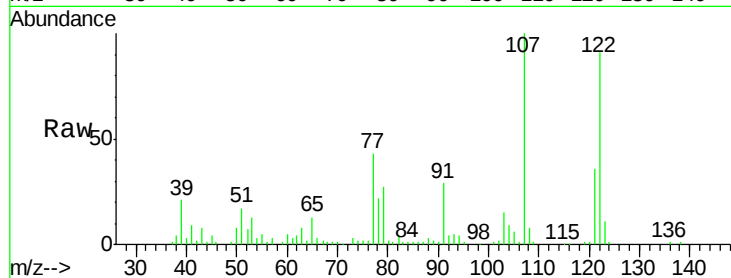
Tgt Ion: 77 Resp: 39025

Ion Ratio Lower Upper

77 100

123 25.9 33.0 49.4#

65 29.4 11.2 16.8#



#26

2-Nitrophenol

Concen: 2.16 ng

RT: 8.02 min Scan# 537

Delta R.T. 0.34 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

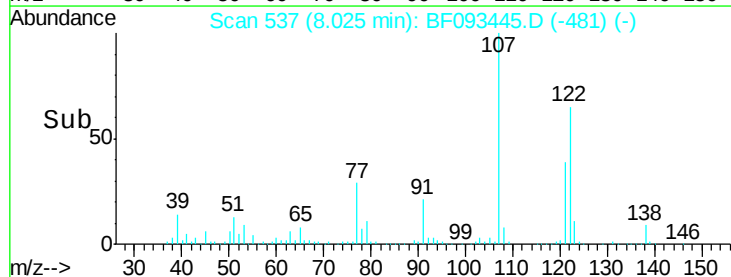
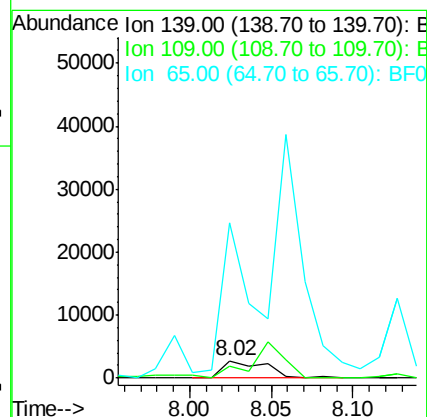
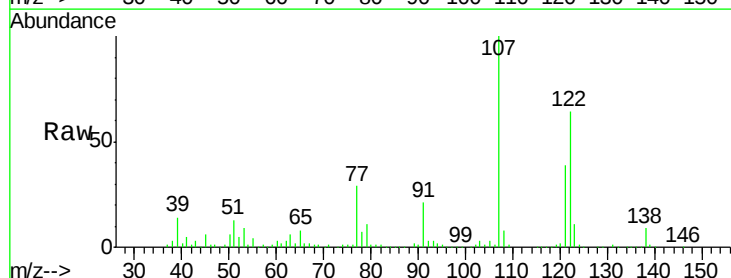
Tgt Ion: 139 Resp: 5267

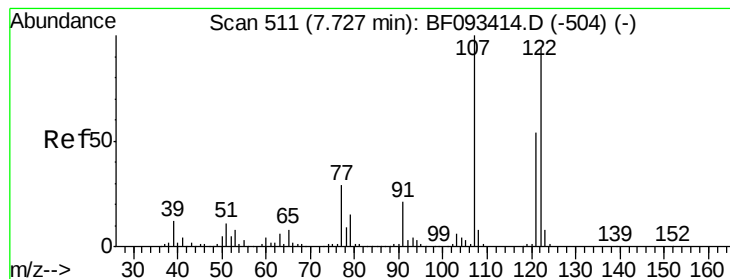
Ion Ratio Lower Upper

139 100

109 67.7 23.3 34.9#

65 896.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 254.28 ng

RT: 7.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

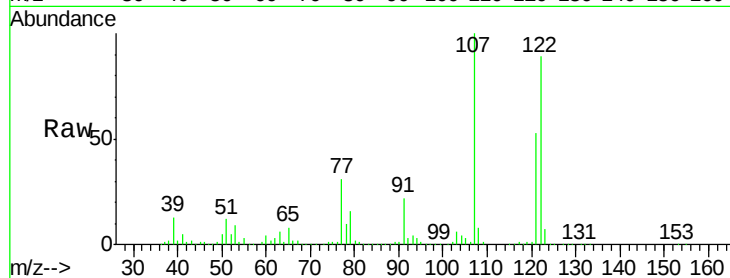
Tgt Ion:122 Resp: 1008142

Ion Ratio Lower Upper

122 100

107 111.9 94.1 141.1

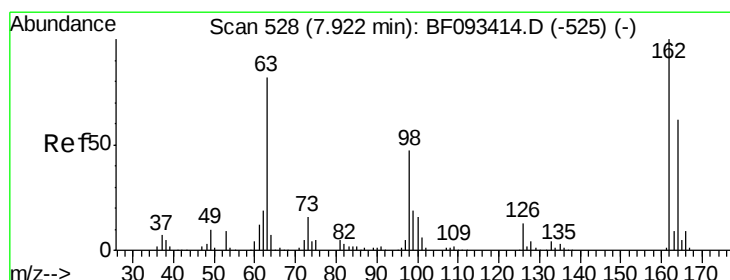
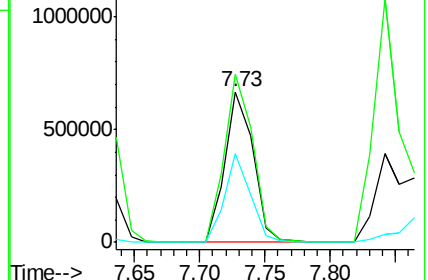
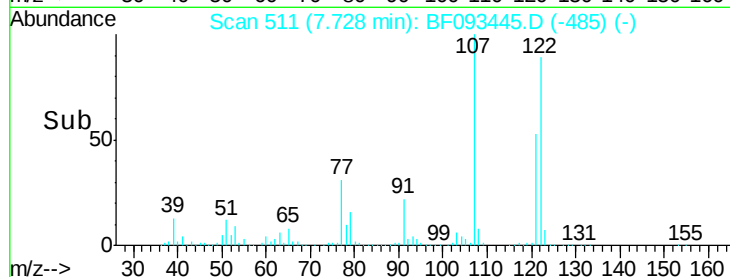
121 58.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#29

2,4-Dichlorophenol

Concen: 2.29 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.01 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

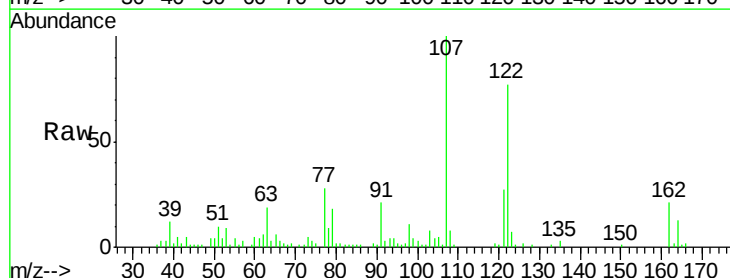
Tgt Ion:162 Resp: 8528

Ion Ratio Lower Upper

162 100

164 58.5 46.8 86.8

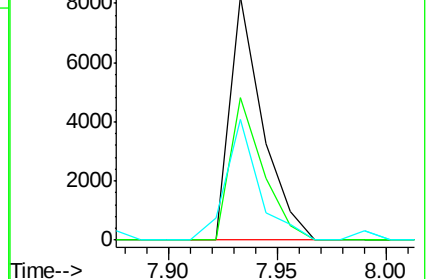
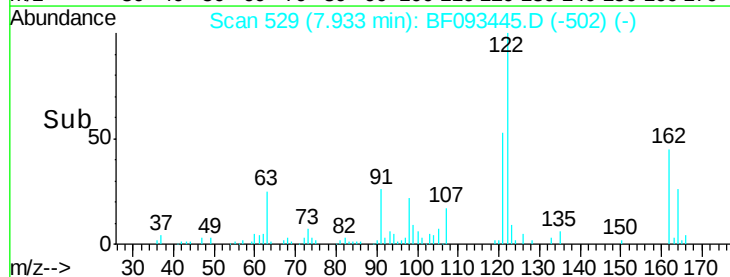
98 49.5 9.1 49.1#

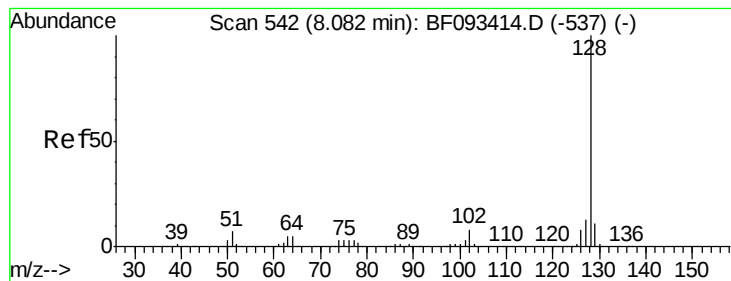


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0





#31

Naphthalene

Concen: 19.07 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

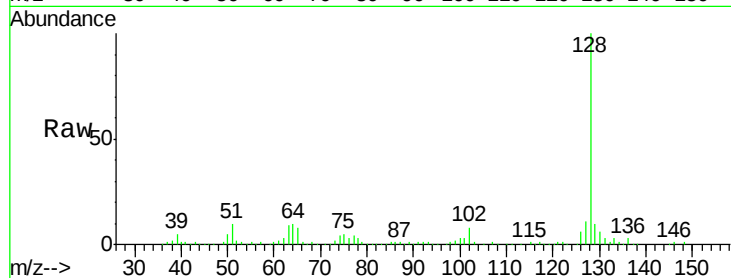
Tgt Ion:128 Resp: 252011

Ion Ratio Lower Upper

128 100

129 10.3 9.5 14.3

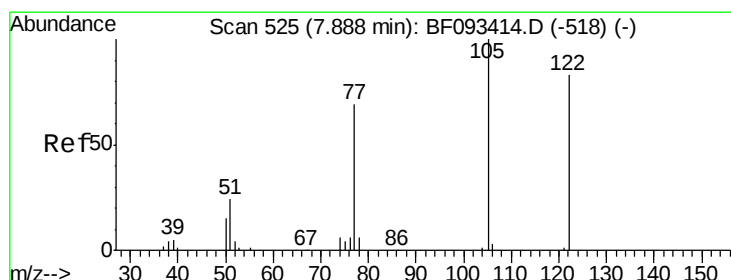
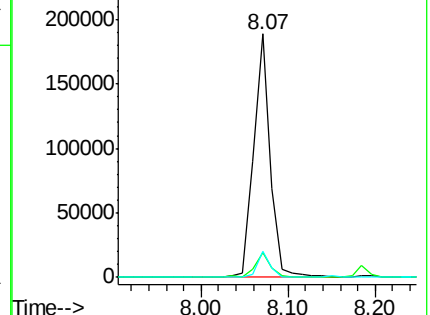
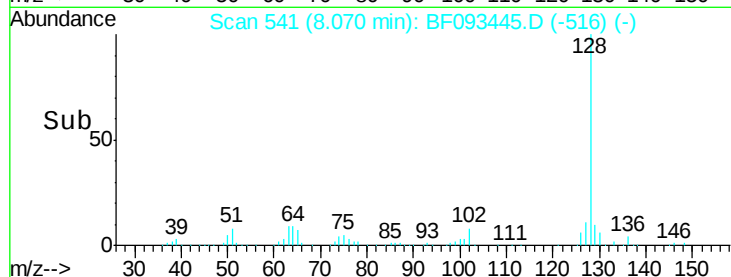
127 10.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 94.78 ng

RT: 8.02 min Scan# 537

Delta R.T. 0.14 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

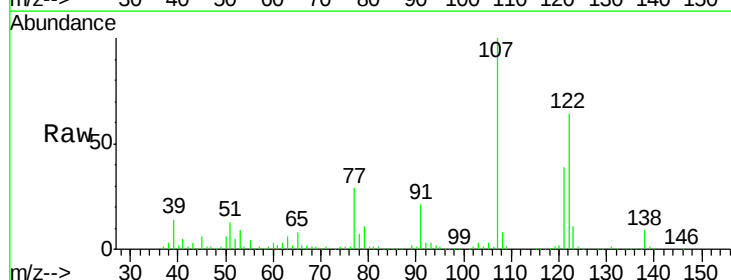
Tgt Ion:122 Resp: 195275

Ion Ratio Lower Upper

122 100

105 4.0 107.2 147.2#

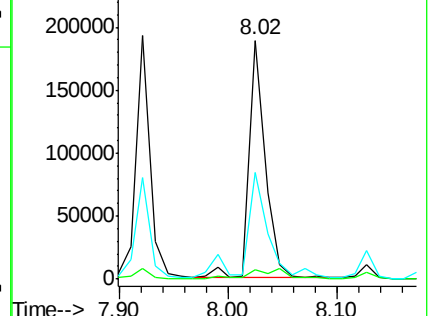
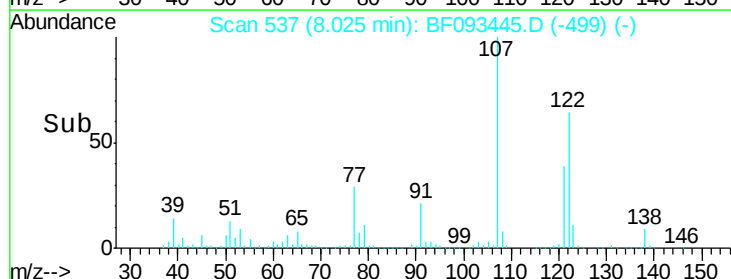
77 44.7 74.5 114.5#

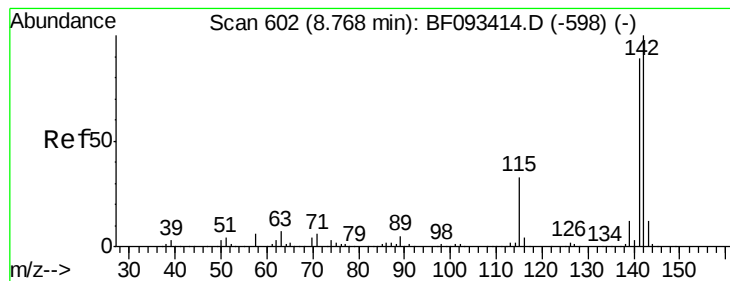


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#37

2-Methylnaphthalene

Concen: 9.02 ng

RT: 8.86 min Scan# 610

Delta R.T. 0.09 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

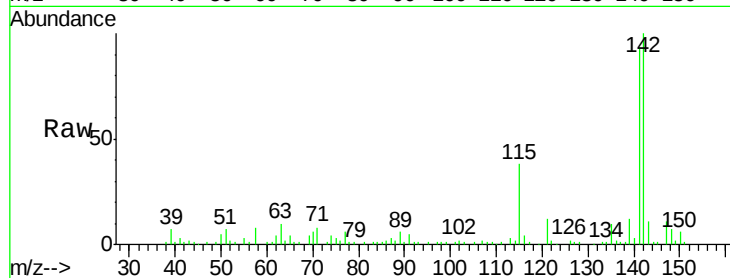
Tgt Ion:142 Resp: 75862

Ion Ratio Lower Upper

142 100

141 92.7 71.0 106.6

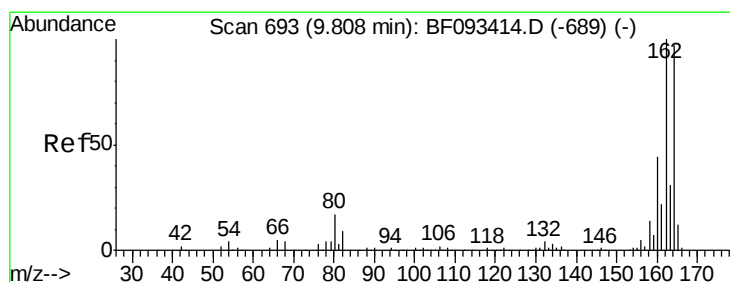
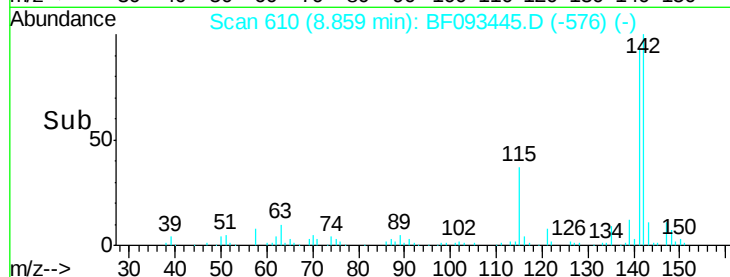
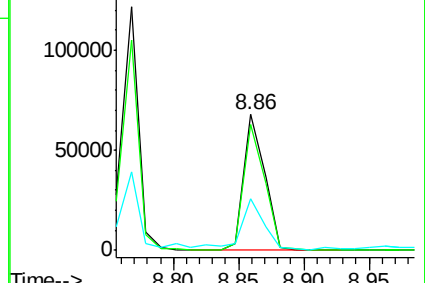
115 38.0 28.3 42.5



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: 9.80 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

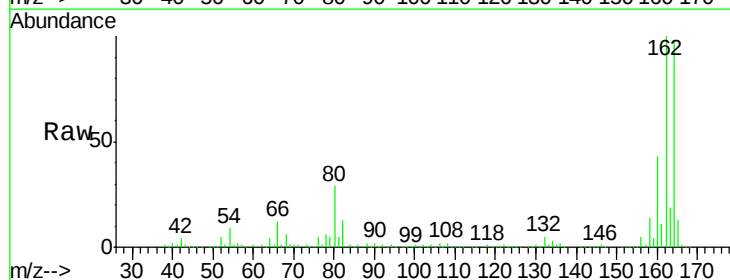
Tgt Ion:164 Resp: 322442

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

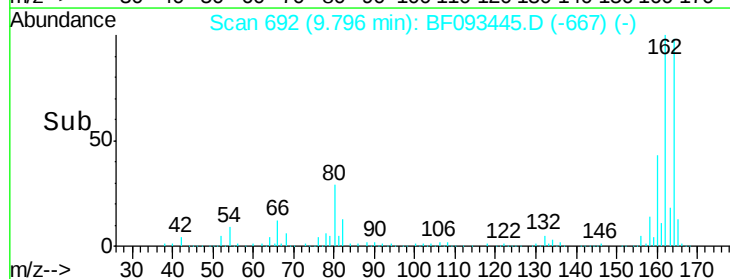
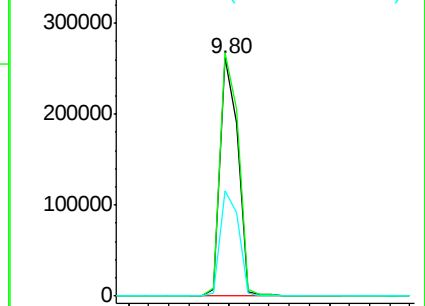
160 44.2 36.9 55.3

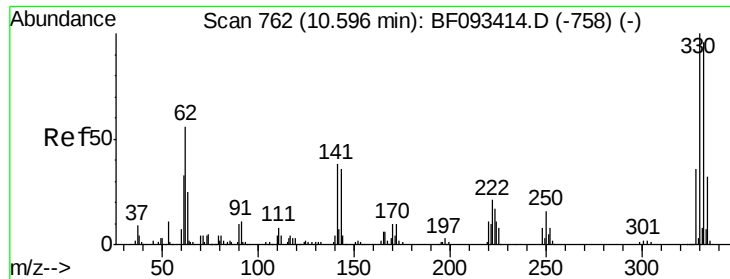


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

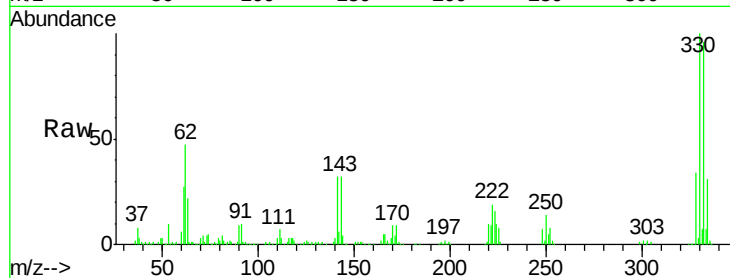




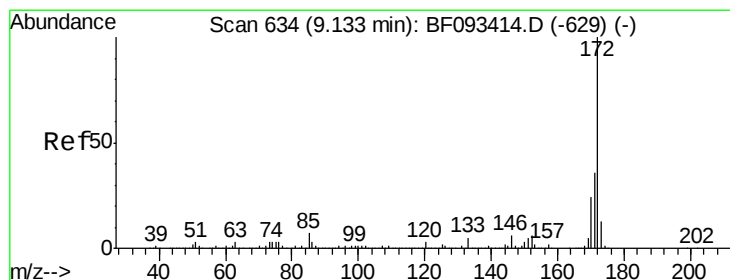
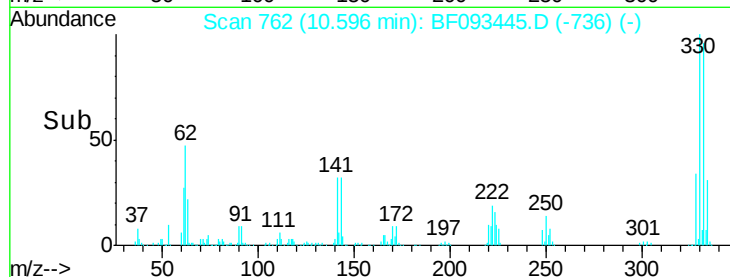
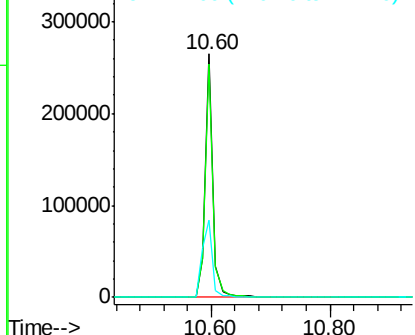
#41
 2,4,6-Tribromophenol
 Concen: 118.03 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093445.D
 Acq: 8 Mar 2017 22:56

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA7-BASE

Tgt Ion:330 Resp: 247964
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 42.3 34.1 51.1

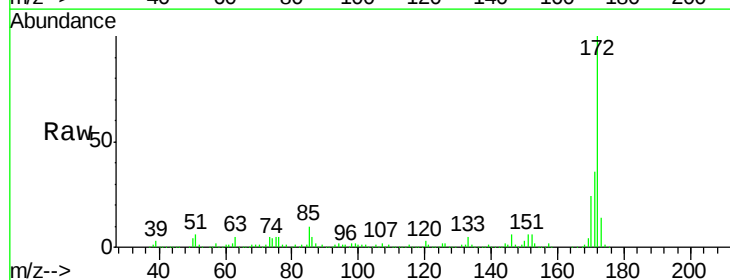


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

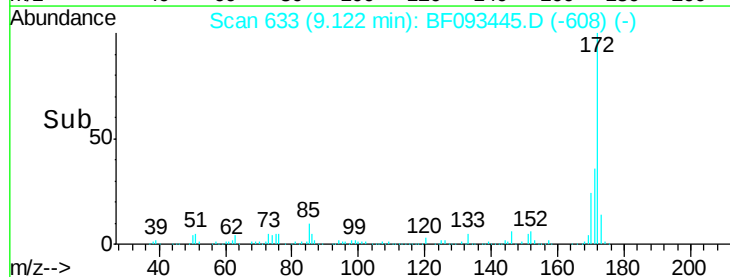
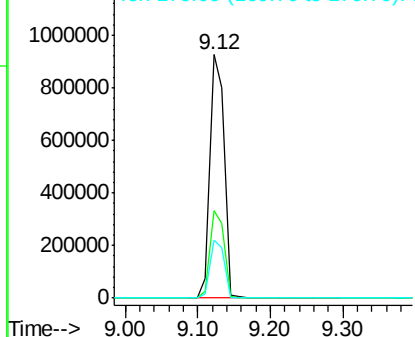


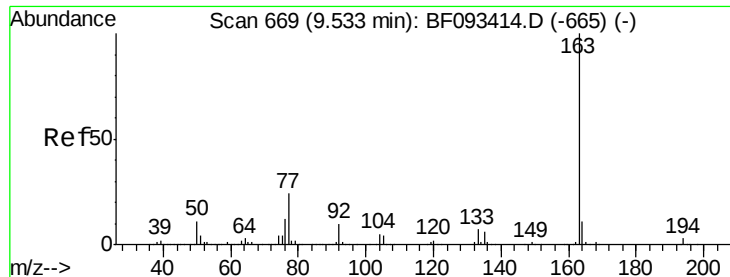
#44
 2-Fluorobiphenyl
 Concen: 72.51 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF093445.D
 Acq: 8 Mar 2017 22:56

Tgt Ion:172 Resp: 1257041
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.8 20.2 30.4



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

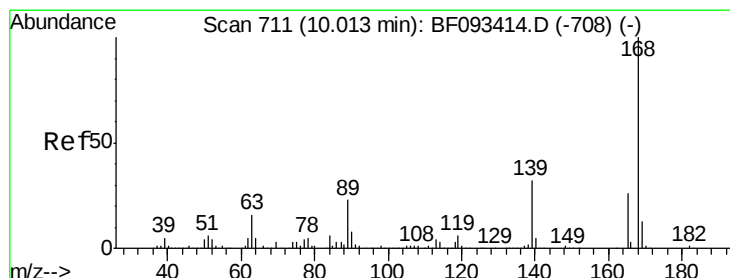
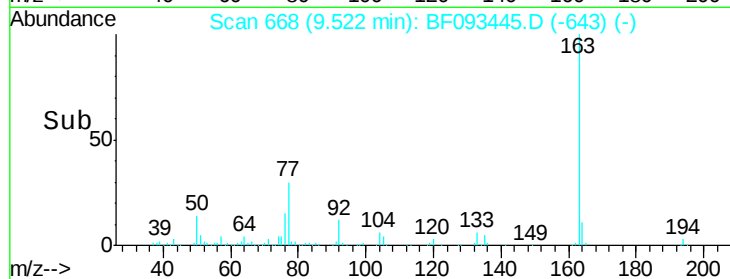
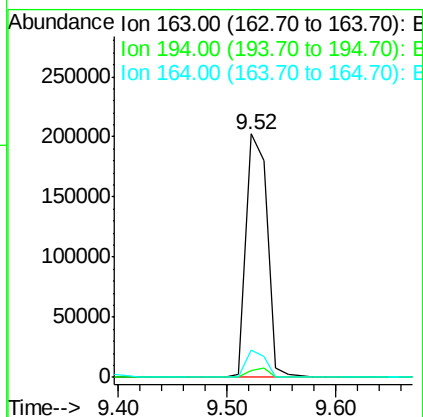
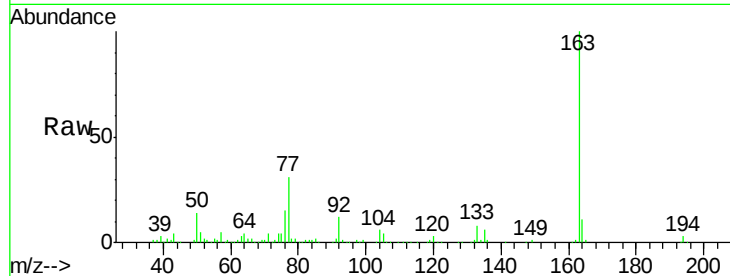




#49
Dimethylphthalate
Concen: 12.83 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

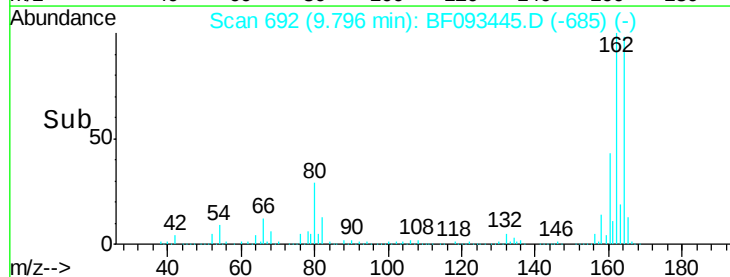
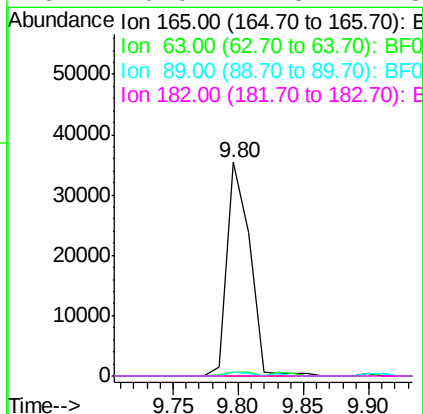
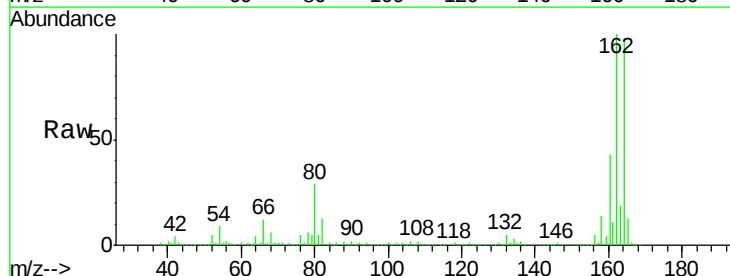
Instrument :
BNA_F
ClientSampleId :
E2-AA7-BASE

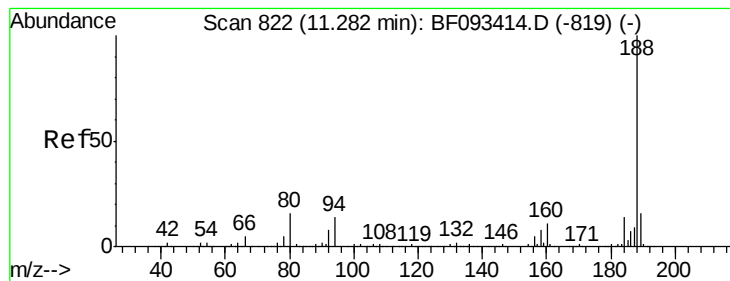
Tgt Ion:163 Resp: 274325
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 11.1 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.22 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

Tgt Ion:165 Resp: 42985
Ion Ratio Lower Upper
165 100
63 2.0 40.2 60.4#
89 1.9 62.5 93.7#
182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

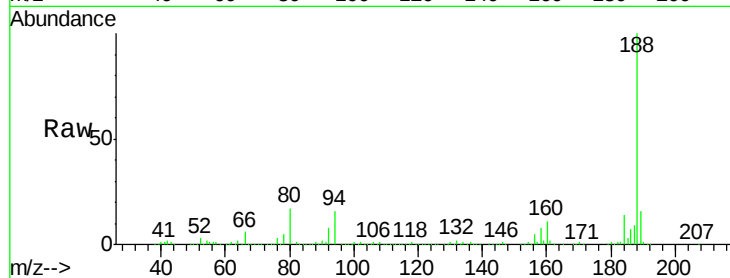
Tgt Ion:188 Resp: 574839

Ion Ratio Lower Upper

188 100

94 15.5 10.0 15.0#

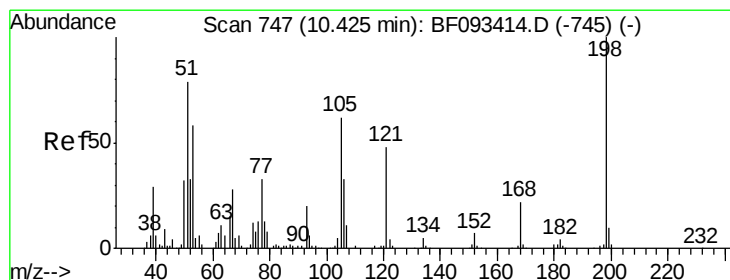
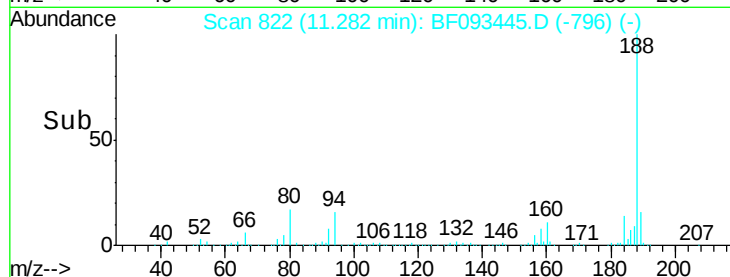
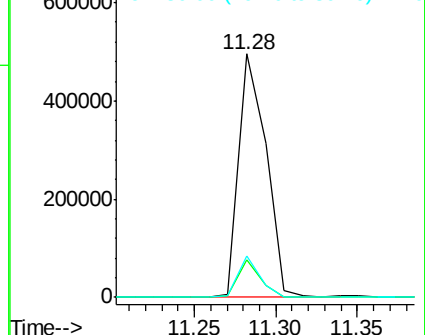
80 17.0 11.2 16.8#



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: 2.41 ng

RT: 10.46 min Scan# 750

Delta R.T. 0.03 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

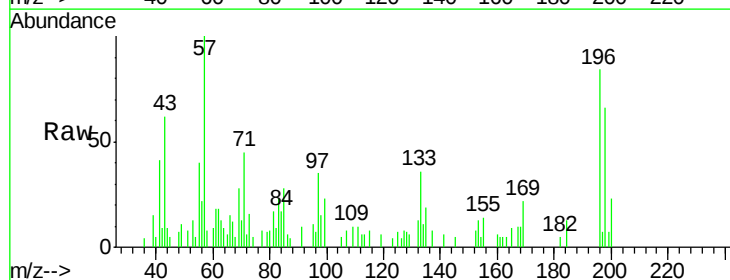
Tgt Ion:198 Resp: 8980

Ion Ratio Lower Upper

198 100

51 11.9 6.7 46.7

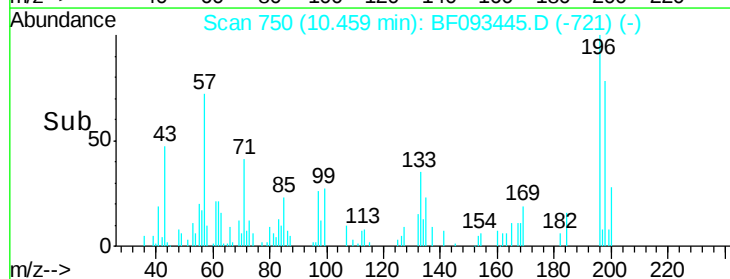
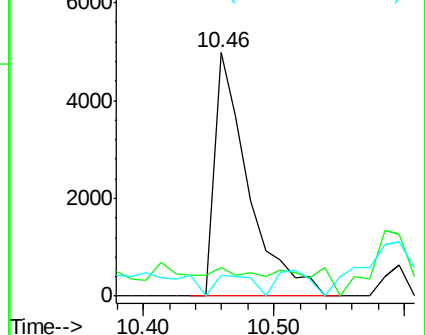
105 8.4 16.6 56.6#

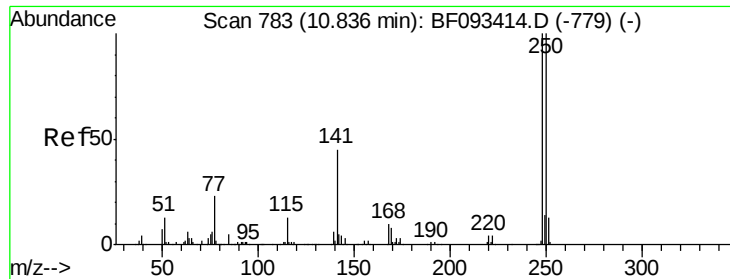


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

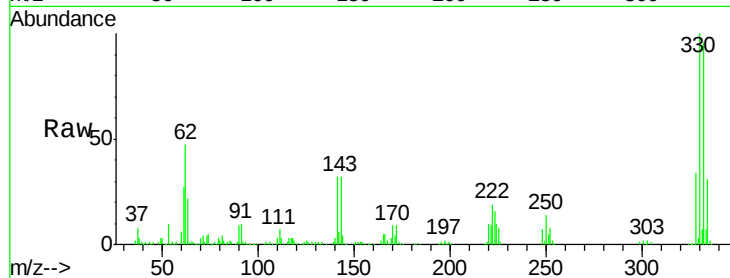




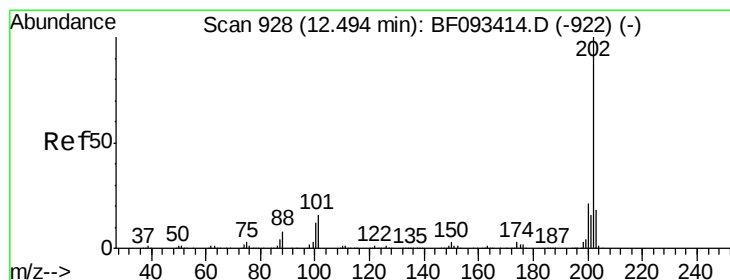
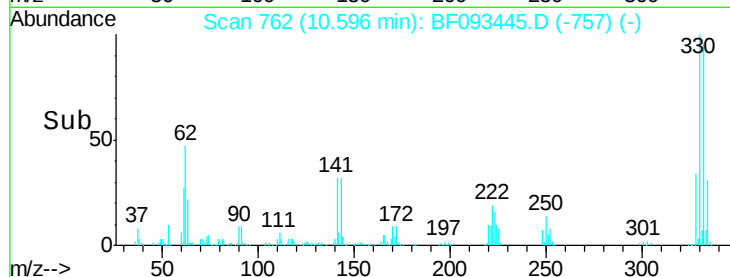
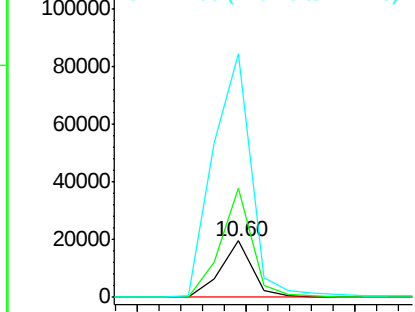
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-AA7-BASE

Tgt Ion:248 Resp: 19680
Ion Ratio Lower Upper
248 100
250 193.5 76.9 115.3#
141 429.5 68.2 102.4#

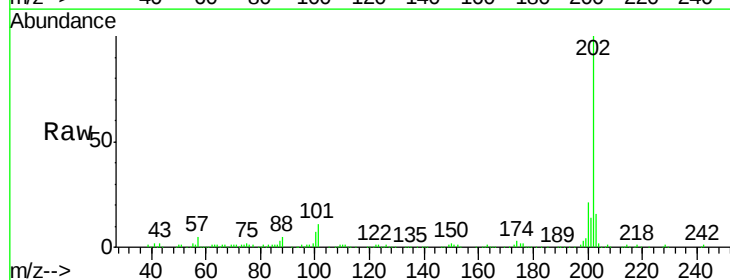


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

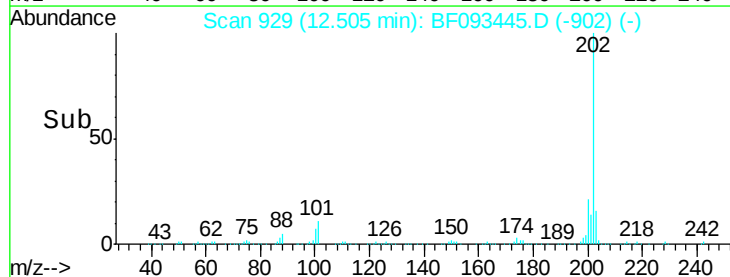
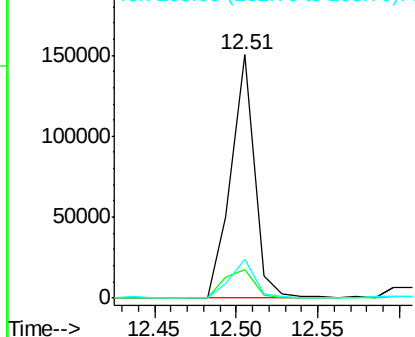


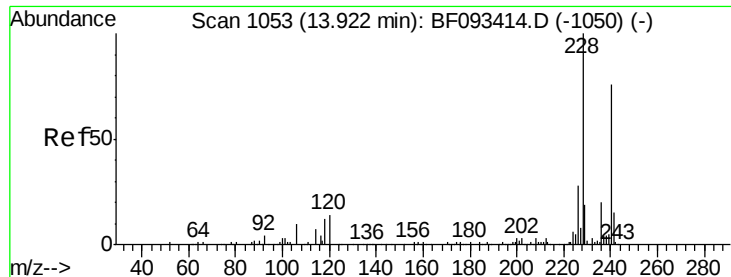
#74
Fluoranthene
Concen: 4.75 ng
RT: 12.51 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

Tgt Ion:202 Resp: 150602
Ion Ratio Lower Upper
202 100
101 11.5 0.0 34.6
203 16.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

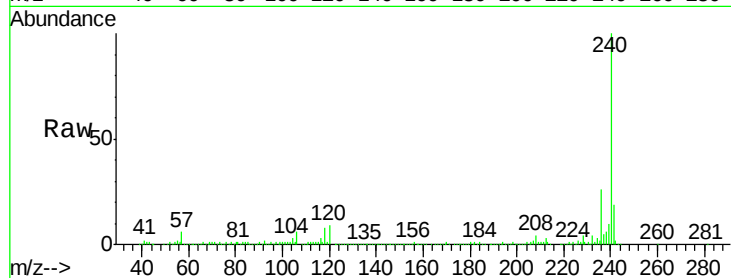
Tgt Ion:240 Resp: 456423

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

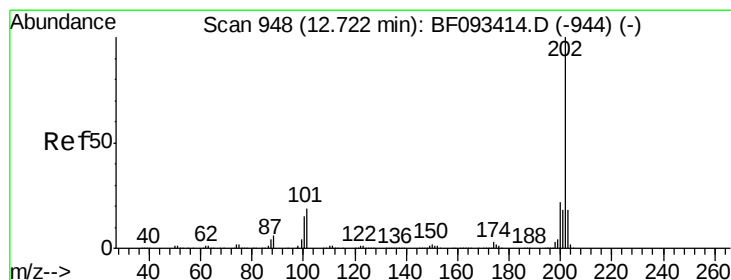
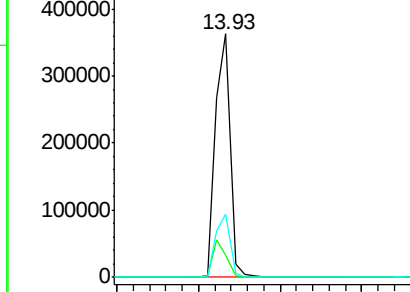
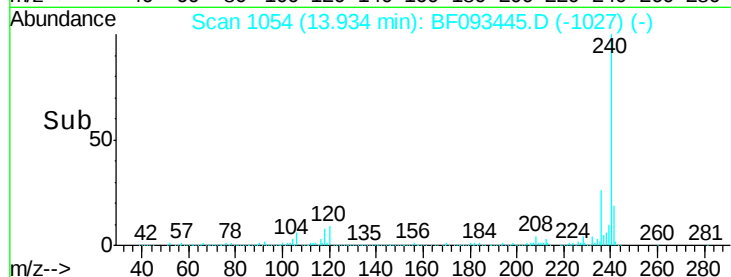
236 26.0 20.9 31.3



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



#77

Pyrene

Concen: 4.34 ng

RT: 12.73 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

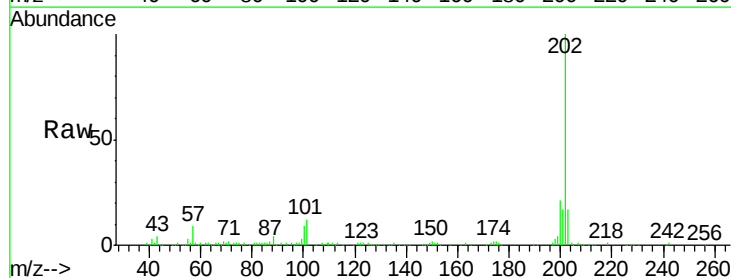
Tgt Ion:202 Resp: 143944

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

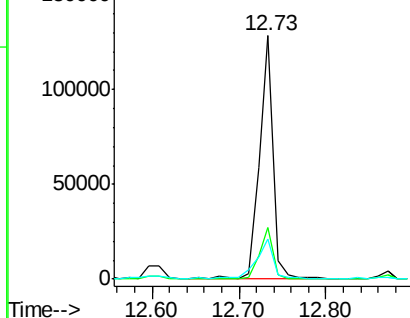
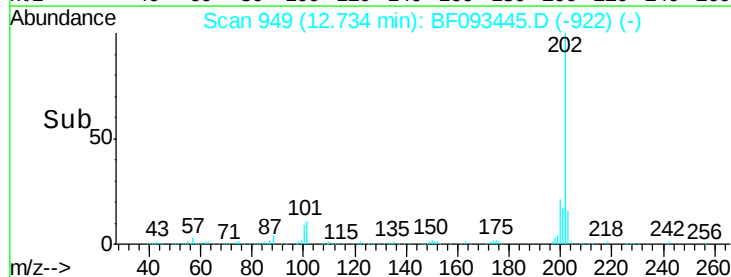
203 16.7 14.7 22.1

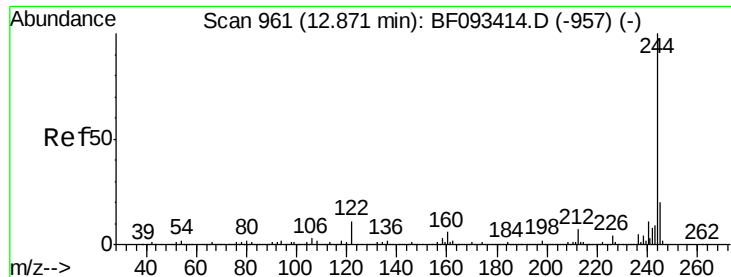


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

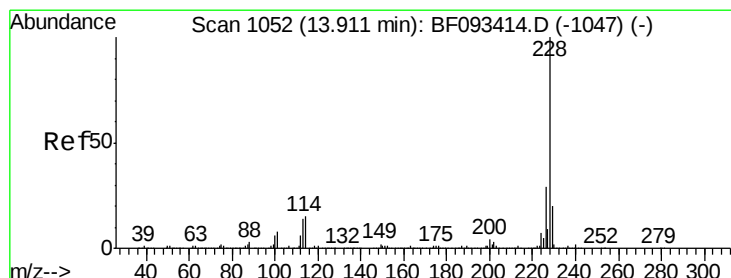
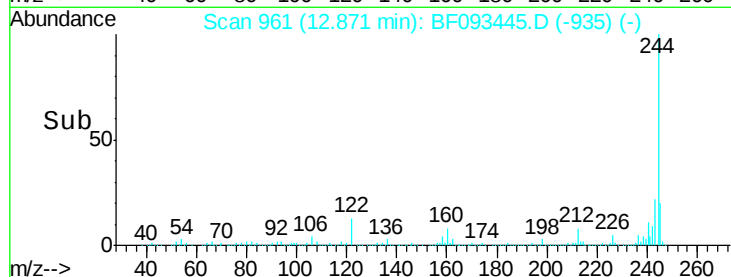
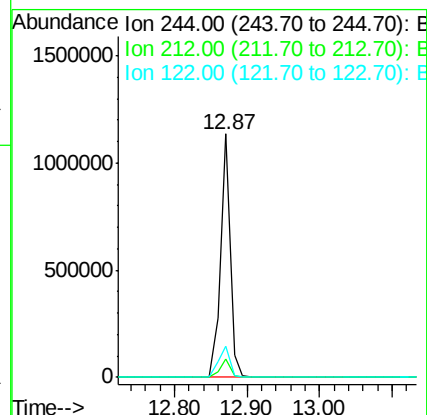
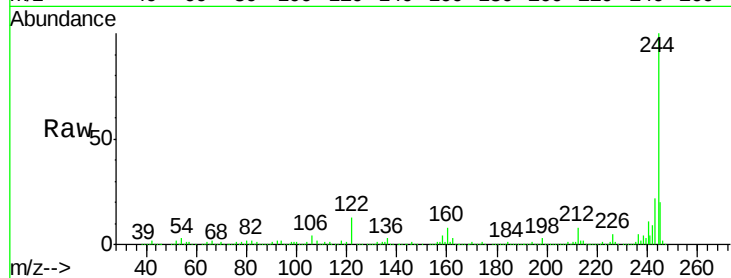




#78
 Terphenyl-d14
 Concen: 59.92 ng
 RT: 12.87 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF093445.D
 Acq: 8 Mar 2017 22:56

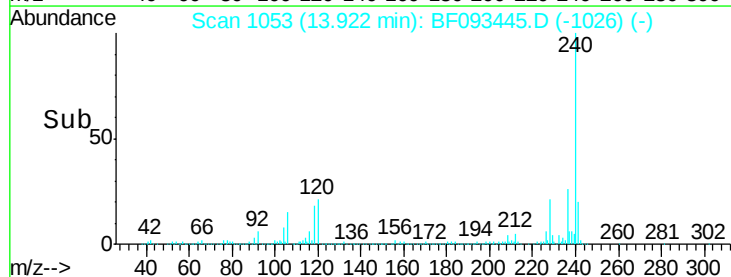
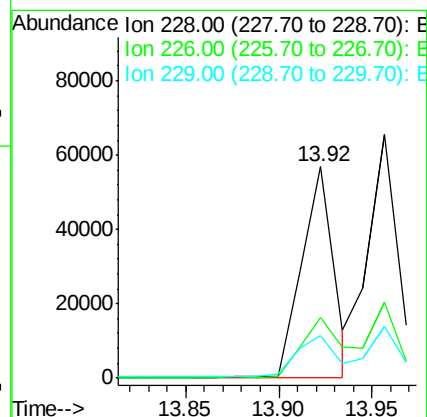
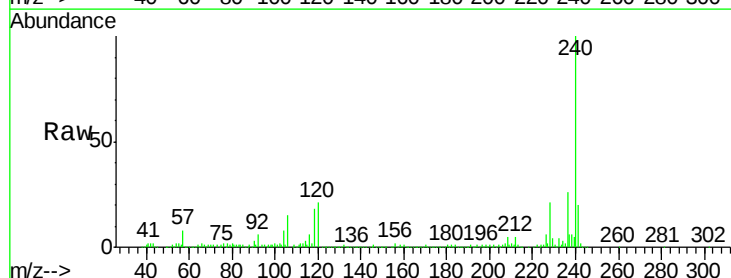
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA7-BASE

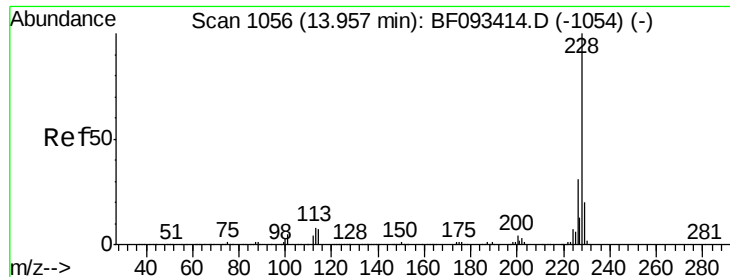
Tgt Ion:244 Resp: 1051832
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.7 11.4 17.2



#80
 Benzo(a)anthracene
 Concen: 2.54 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093445.D
 Acq: 8 Mar 2017 22:56

Tgt Ion:228 Resp: 68524
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.4 33.6
 229 20.3 16.2 24.4





#82

Chrysene

Concen: 2.93 ng

RT: 13.96 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :

BNA_F

ClientSampleId :

E2-AA7-BASE

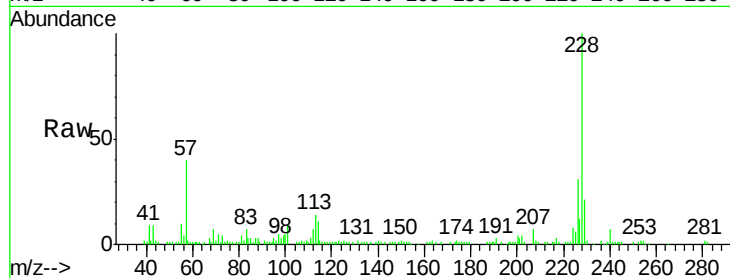
Tgt Ion:228 Resp: 72953

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

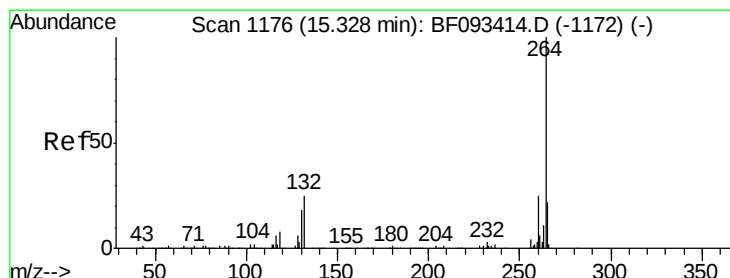
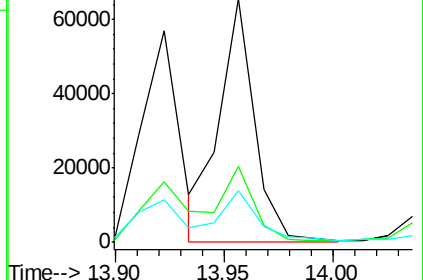
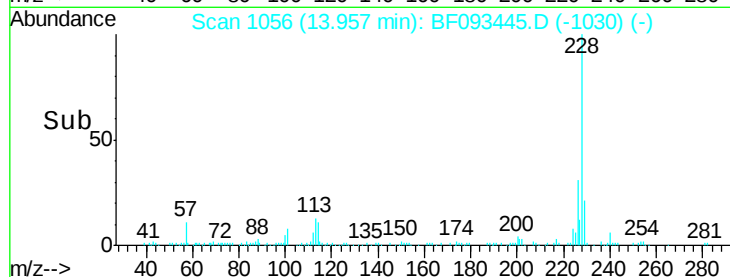
229 21.1 16.2 24.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.34 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

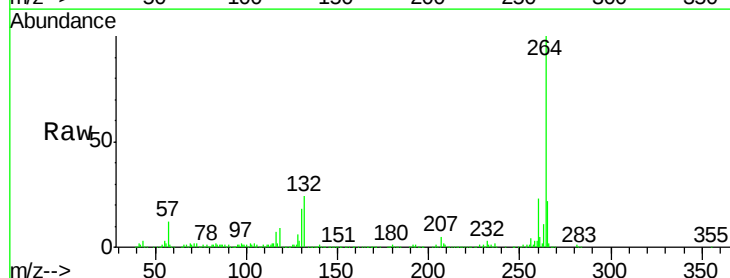
Tgt Ion:264 Resp: 295496

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

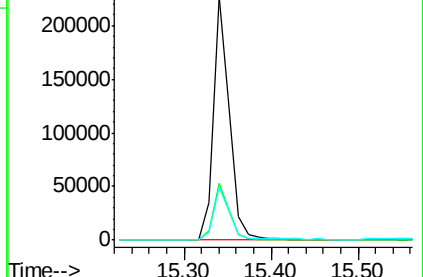
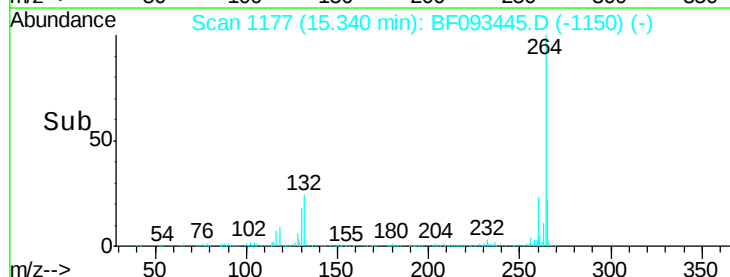
265 21.9 17.4 26.0

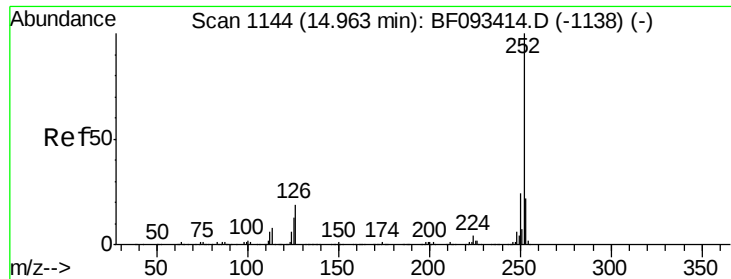


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.69 ng

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

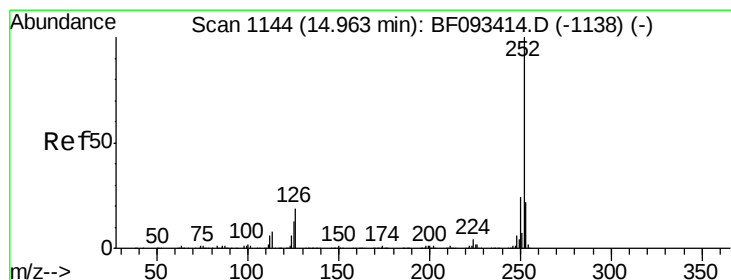
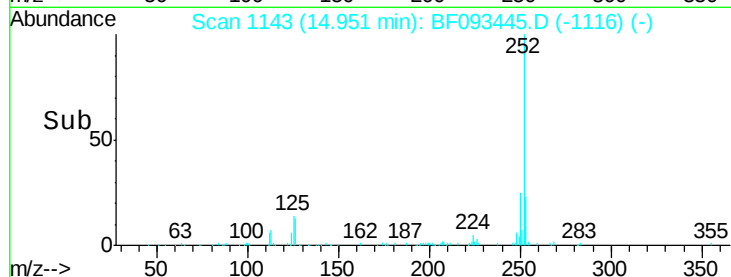
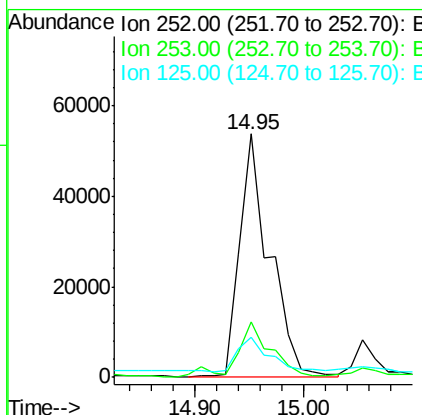
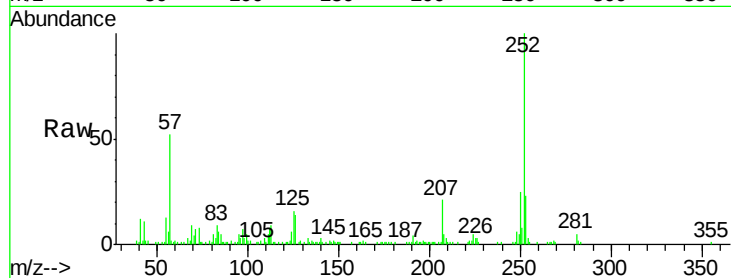
Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-AA7-BASE

Tgt Ion:252 Resp: 102338

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	16.5	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 5.90 ng

RT: 14.95 min Scan# 1143

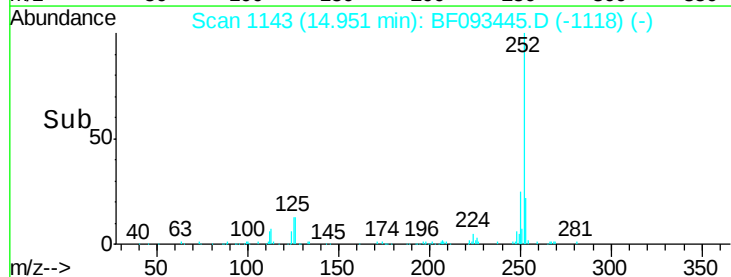
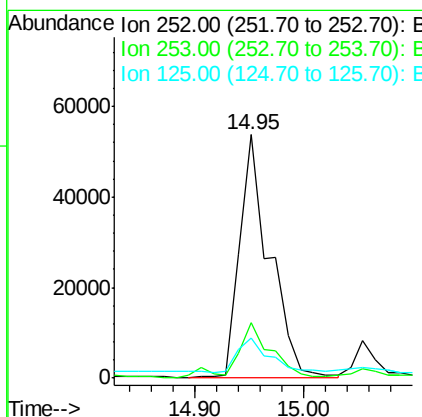
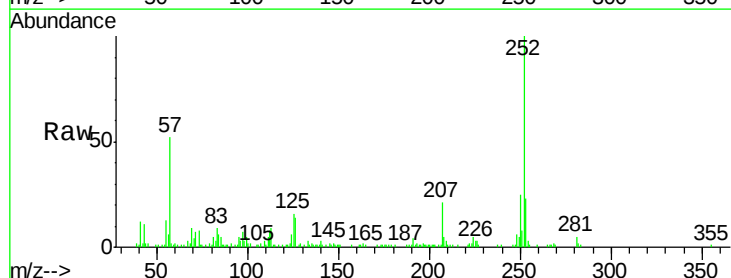
Delta R.T. -0.01 min

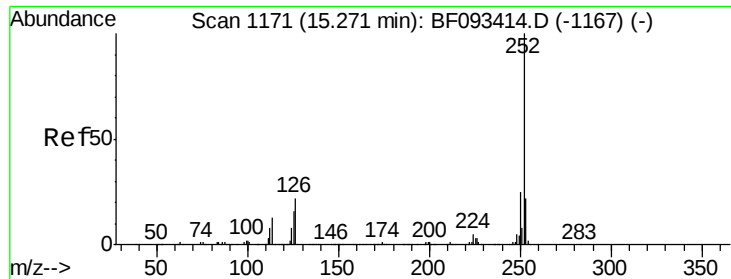
Lab File: BF093445.D

Acq: 8 Mar 2017 22:56

Tgt Ion:252 Resp: 102338

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	16.5	8.9	13.3#

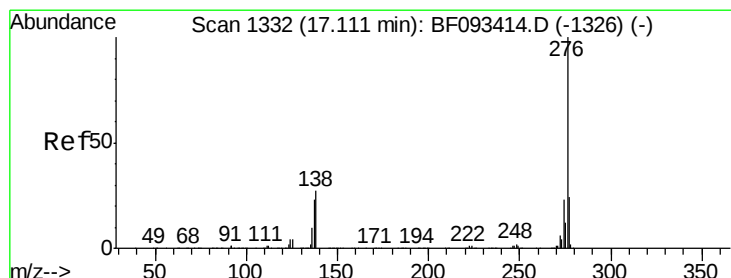
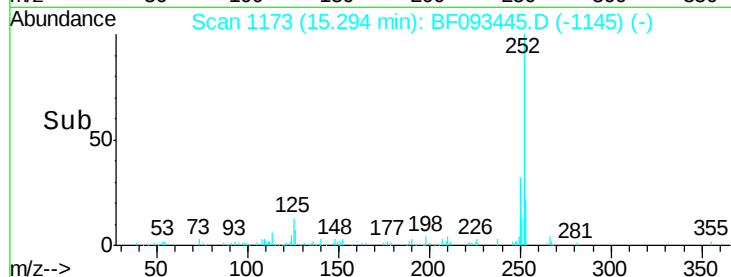
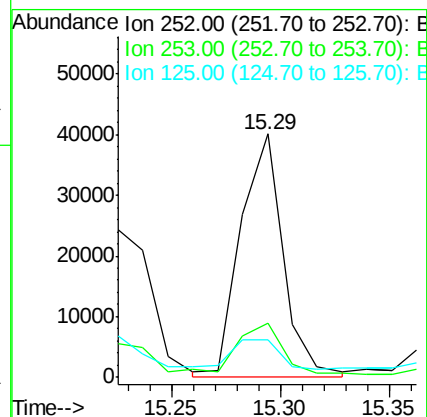
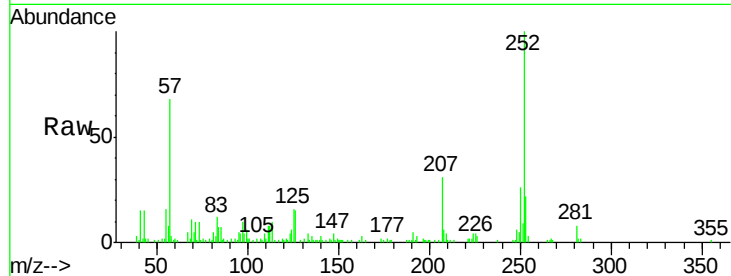




#89
Benzo(a)pyrene
Concen: 3.27 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-AA7-BASE

Tgt Ion:252 Resp: 53845
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 15.7 10.0 15.0#



#91
Benzo(g,h,i)perylene
Concen: 2.40 ng
RT: 17.15 min Scan# 1335
Delta R.T. 0.03 min
Lab File: BF093445.D
Acq: 8 Mar 2017 22:56

Tgt Ion:276 Resp: 33571
Ion Ratio Lower Upper
276 100
277 26.3 19.2 28.8
138 27.2 16.0 24.0#

