

Data File : BF093265.D
Acq On : 1 Mar 2017 1:19
Operator : SJ/MA
Sample : I1997-02DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W4-WSWDL

Quant Time: Mar 01 02:20:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137411	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	490719	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	204743	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	344266	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	291682	20.00	ng	-0.05
86) Perylene-d12	15.40	264	209360	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	181685	22.68	ng	-0.03
7) Phenol-d6	6.46	99	232358	22.55	ng	-0.02
23) Nitrobenzene-d5	7.38	82	129411	14.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	27475	18.55	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	220835	19.54	ng	-0.05
78) Terphenyl-d14	12.91	244	176374	14.21	ng	-0.06

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	15917	2.43	ng	# 80
25) Isophorone	7.38	82	106645	6.49	ng	# 65
32) Benzoic acid	7.92	122	909	7.35	ng	# 1
48) Acenaphthylene	9.71	152	53039	2.65	ng	97
49) Dimethylphthalate	9.56	163	61302	4.45	ng	97
50) 2,6-Dinitrotoluene	9.85	165	26913	9.04	ng	# 31
51) Acenaphthene	9.88	154	63252	5.28	ng	95
54) Dibenzofuran	10.05	168	55179	3.44	ng	92
55) 4-Nitrophenol	10.05	139	19644	8.00	ng	# 6
57) Fluorene	10.40	166	66019	5.36	ng	99
70) Phenanthrene	11.36	178	976349	49.50	ng	99
71) Anthracene	11.41	178	262694	13.26	ng	96
72) Carbazole	11.57	167	75718	4.00	ng	98
74) Fluoranthene	12.56	202	1438550	70.71	ng	92
77) Pyrene	12.79	202	1377915	63.12	ng	98
80) Benzo(a)anthracene	13.96	228	624189	34.99	ng	99
82) Chrysene	14.00	228	450072	26.95	ng	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	204436	15.80	ng	97
87) Benzo(b)fluoranthene	15.00	252	661947	48.04	ng	98
88) Benzo(k)fluoranthene	15.00	252	661947	55.64	ng	# 98
89) Benzo(a)pyrene	15.35	252	354853	29.77	ng	100
90) Dibenzo(a,h)anthracene	16.80	278	52239	5.42	ng	# 80
91) Benzo(g,h,i)perylene	17.22	276	193024	19.83	ng	# 91

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

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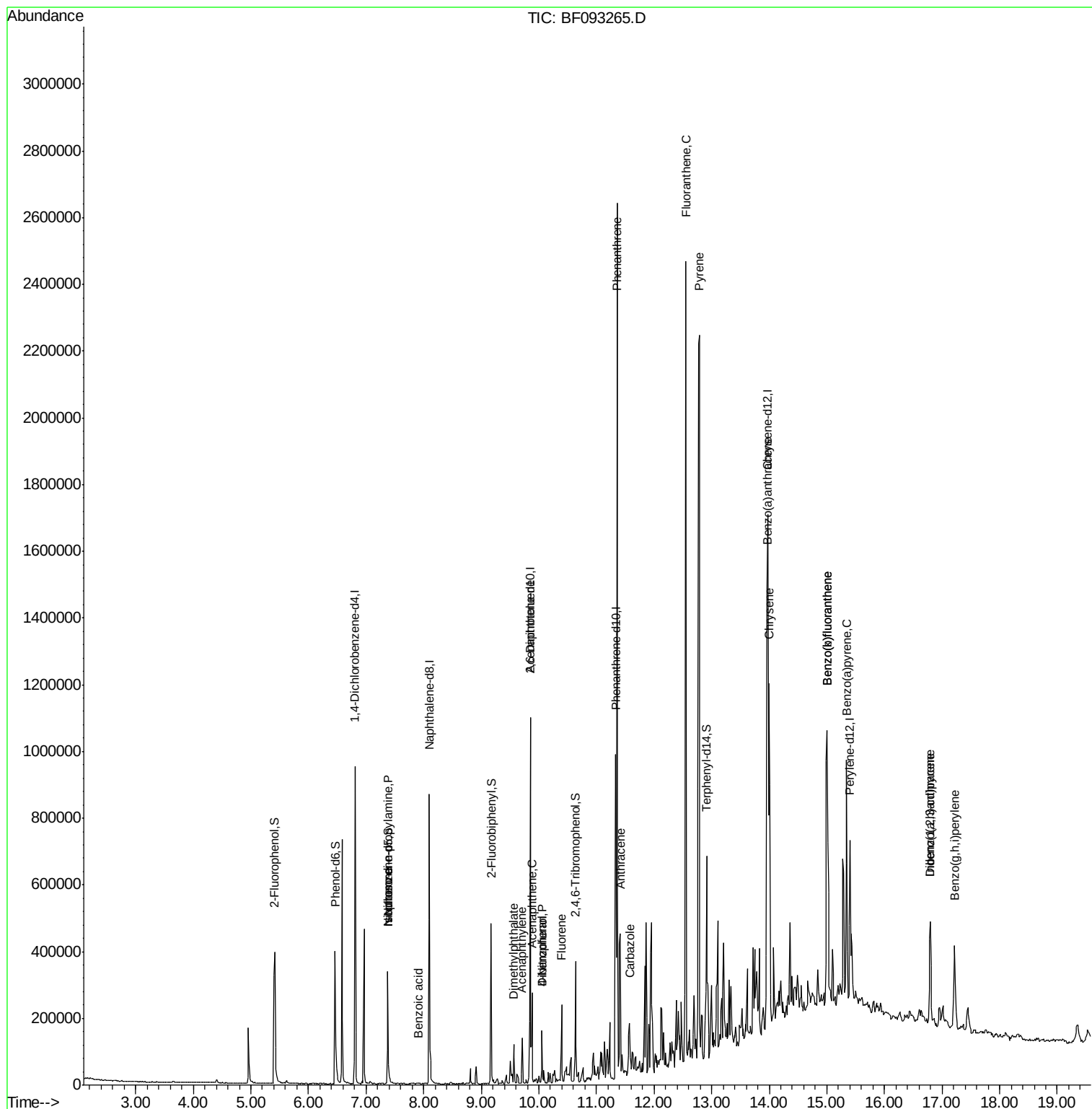
Quant Time: Mar 01 02:20:34 2017

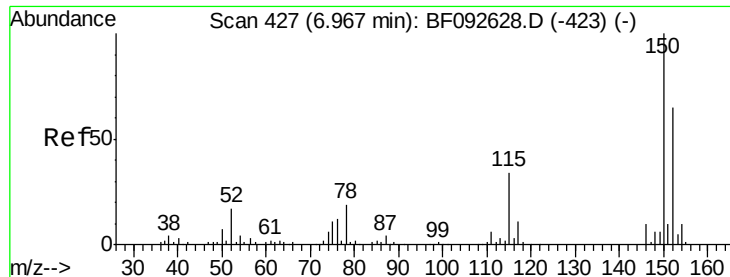
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

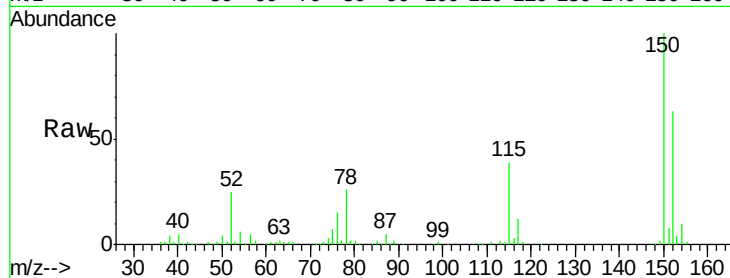
Tgt Ion:152 Resp: 137411

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

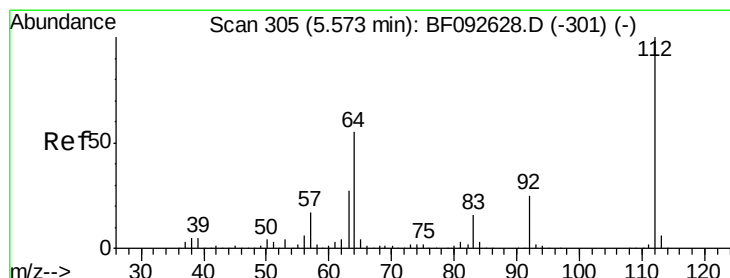
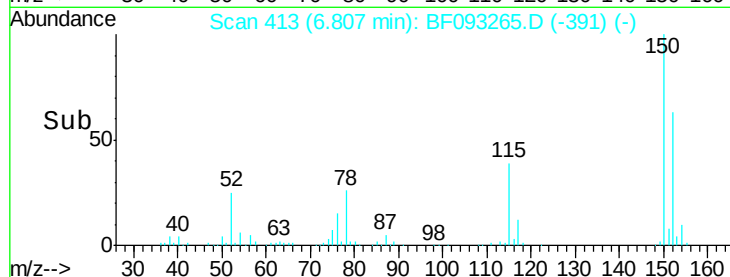
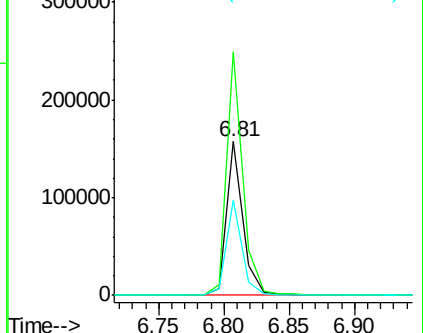
115 61.9 46.0 69.0



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: 22.68 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

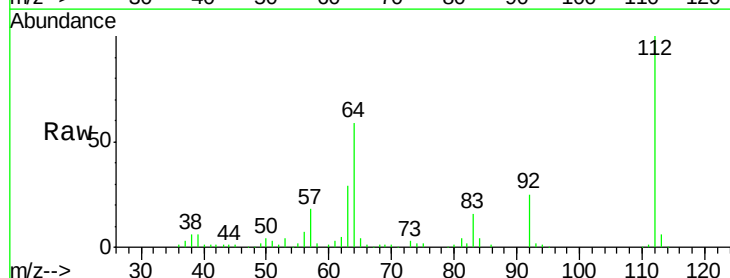
Tgt Ion:112 Resp: 181685

Ion Ratio Lower Upper

112 100

64 58.6 46.1 69.1

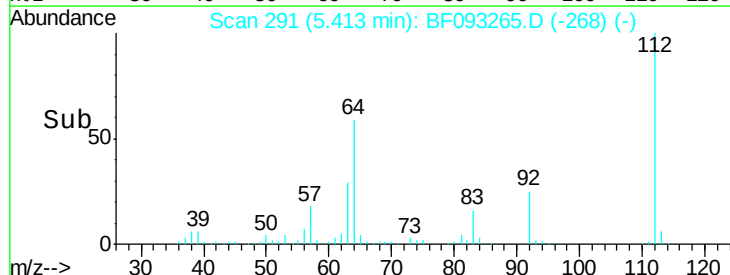
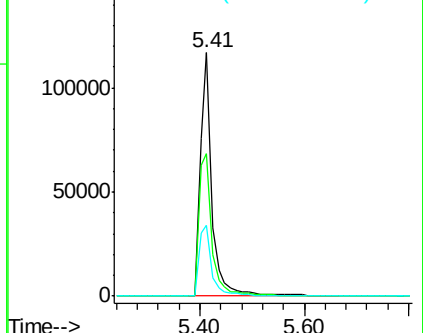
63 29.2 23.8 35.6

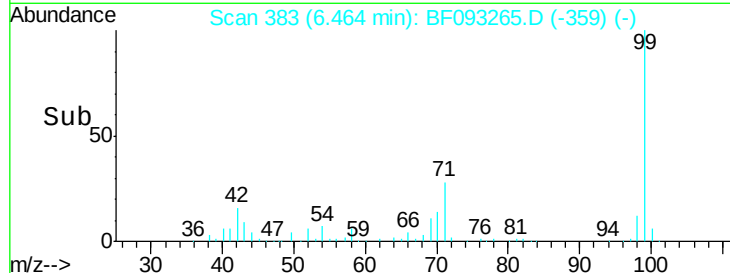
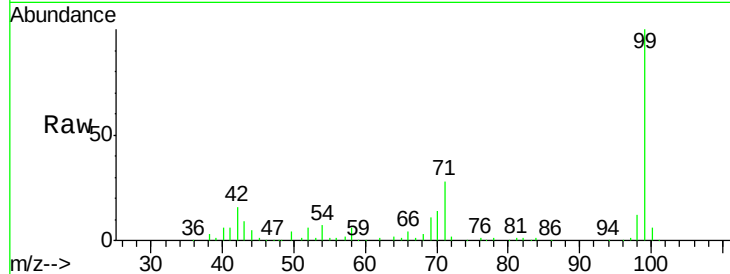
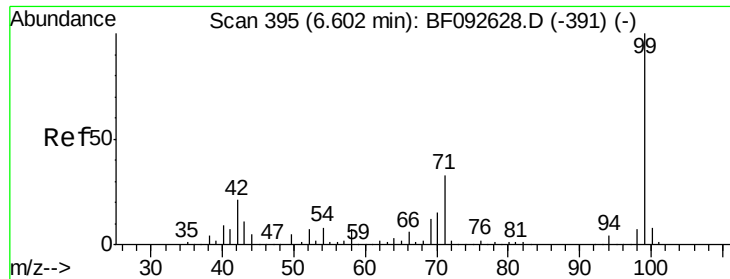


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.55 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

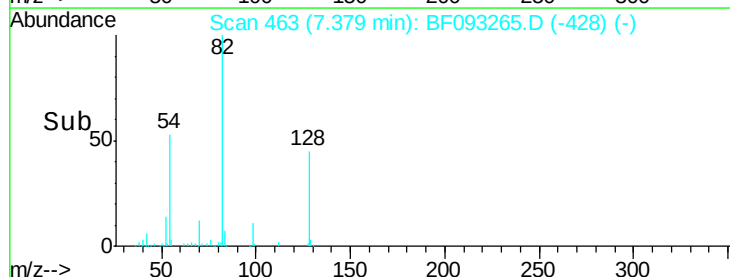
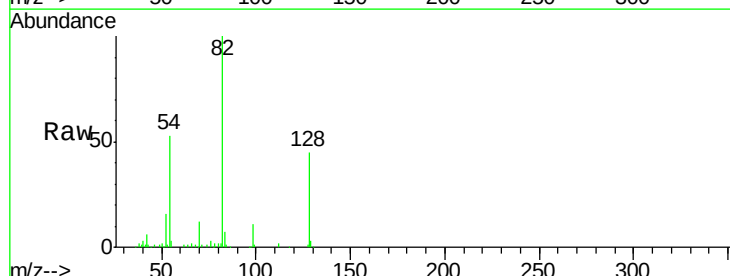
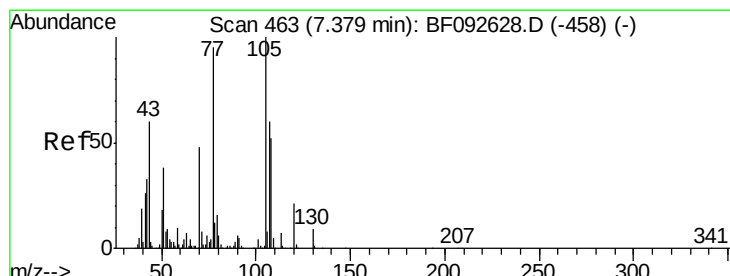
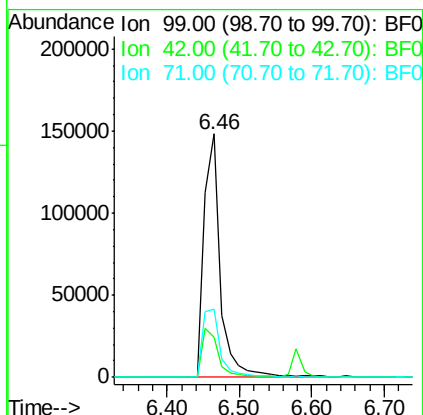
Tgt Ion: 99 Resp: 232358

Ion Ratio Lower Upper

99 100

42 16.5 15.6 23.4

71 28.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.43 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.10 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Tgt Ion: 70 Resp: 15917

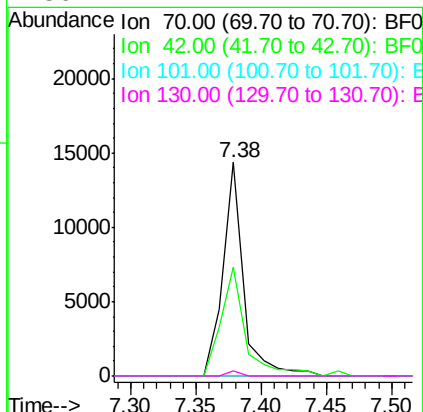
Ion Ratio Lower Upper

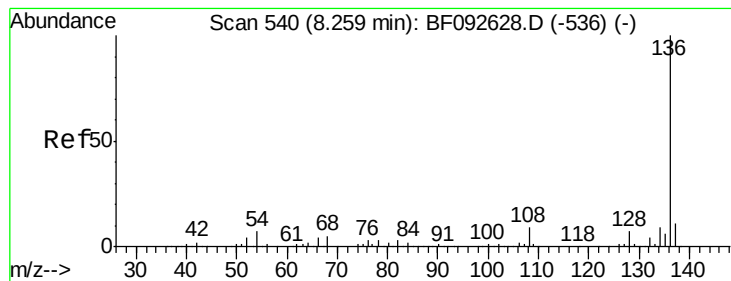
70 100

42 50.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

Tgt Ion:136 Resp: 490719

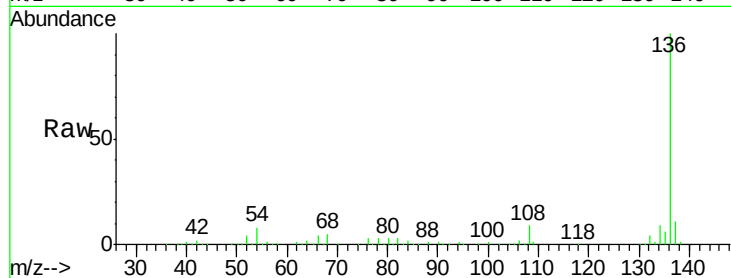
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.7 4.5 6.7#

68 5.4 3.6 5.4

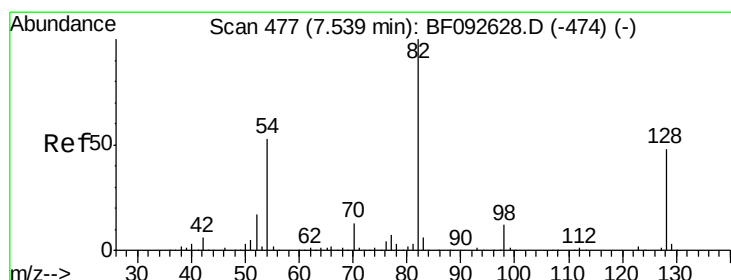
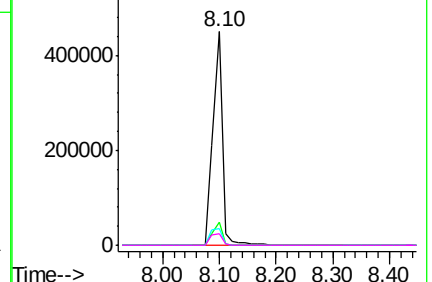
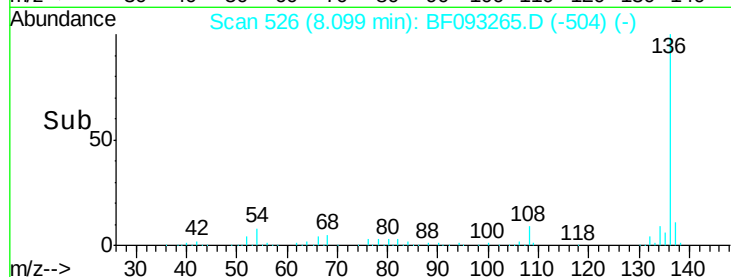


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 14.69 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

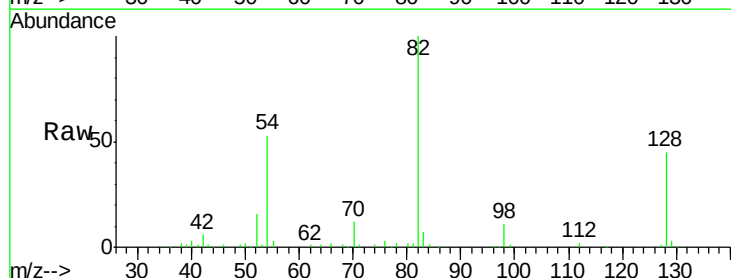
Tgt Ion: 82 Resp: 129411

Ion Ratio Lower Upper

82 100

128 44.8 34.6 52.0

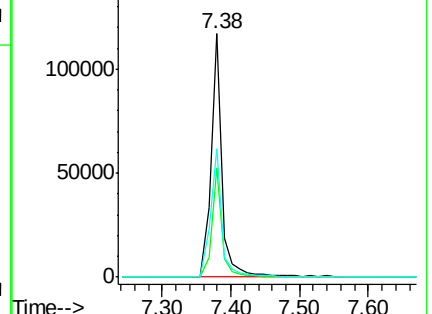
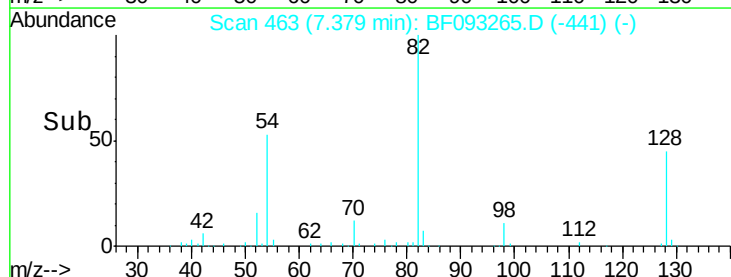
54 53.0 39.5 59.3

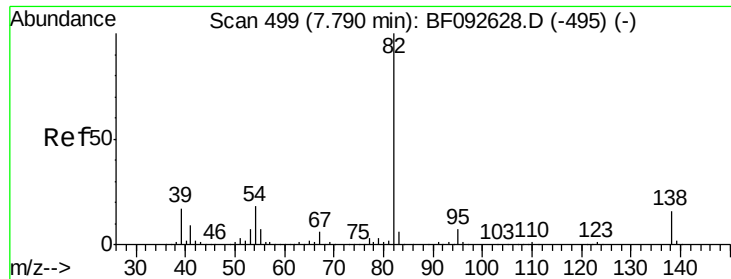


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 6.49 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.31 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

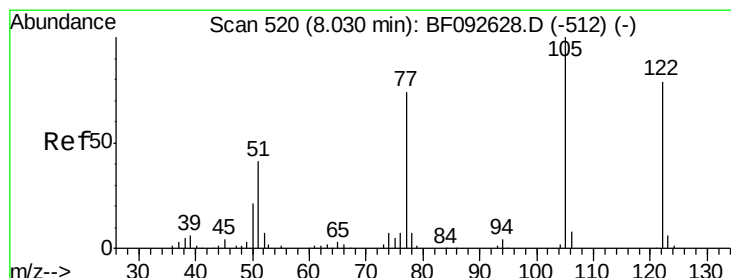
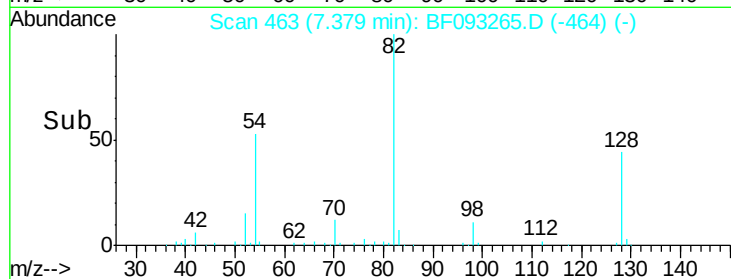
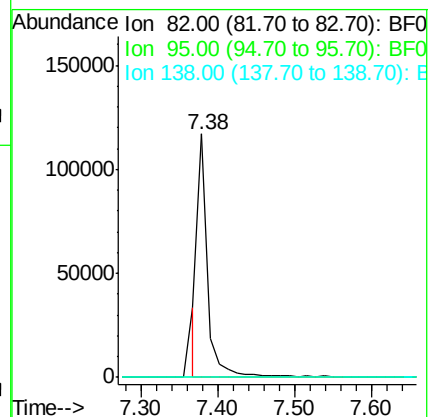
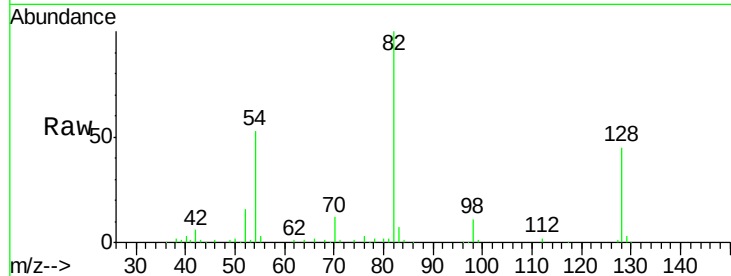
Tgt Ion: 82 Resp: 106645

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.35 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

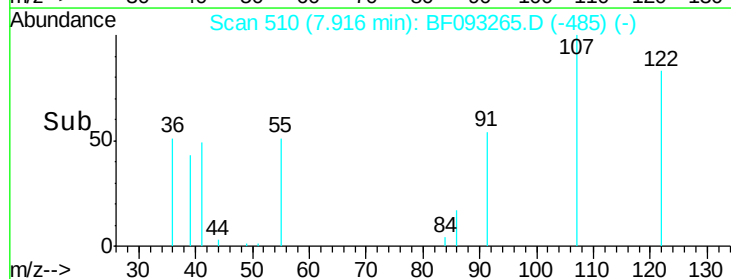
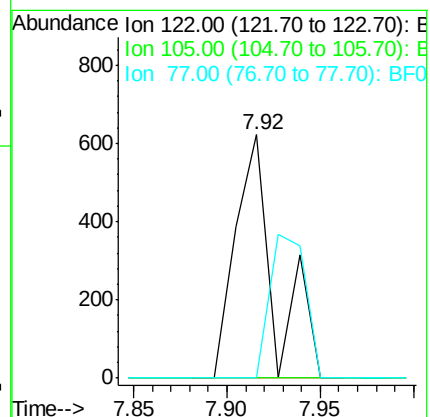
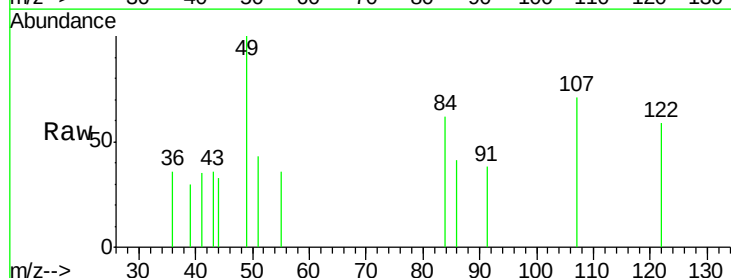
Tgt Ion: 122 Resp: 909

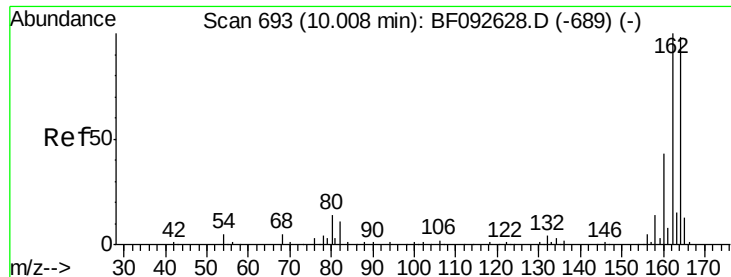
Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

77 0.0 74.5 114.5#

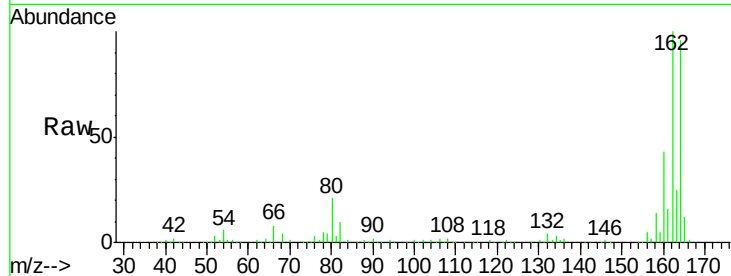




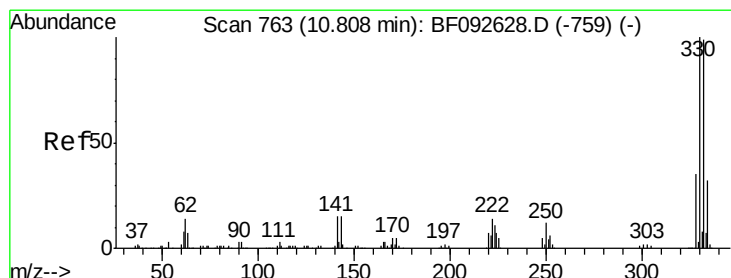
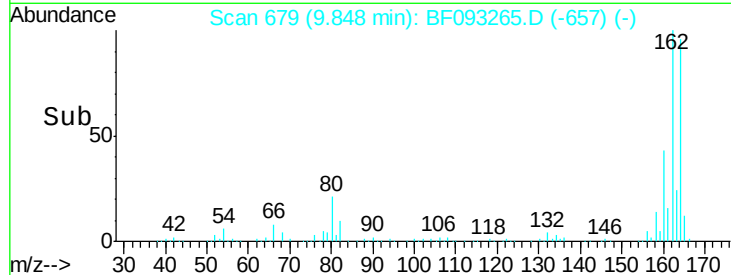
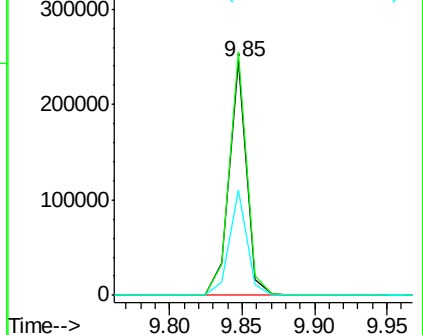
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093265.D
 Acq: 1 Mar 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-W4-WSWDL

Tgt Ion:164 Resp: 204743
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.2 120.2
 160 45.2 36.9 55.3

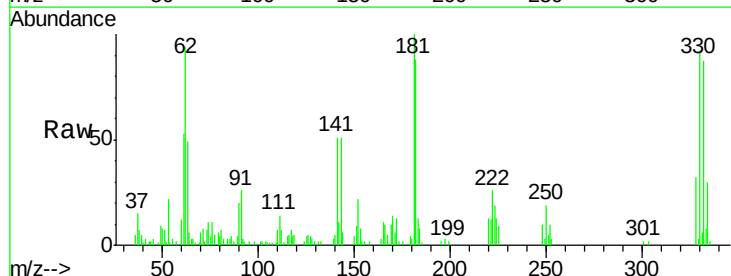


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

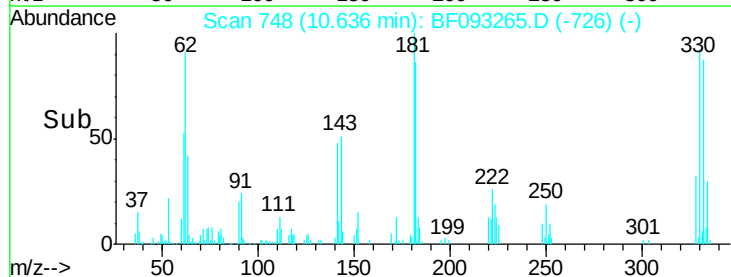
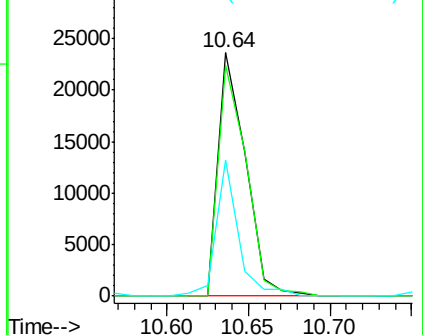


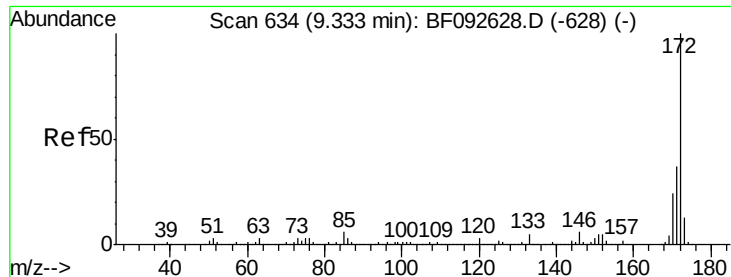
#41
 2,4,6-Tribromophenol
 Concen: 18.55 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093265.D
 Acq: 1 Mar 2017 1:19

Tgt Ion:330 Resp: 27475
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 45.7 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

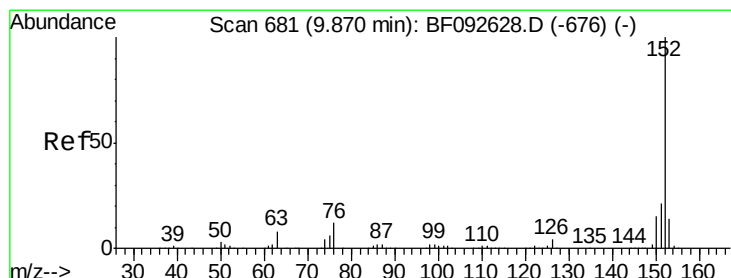
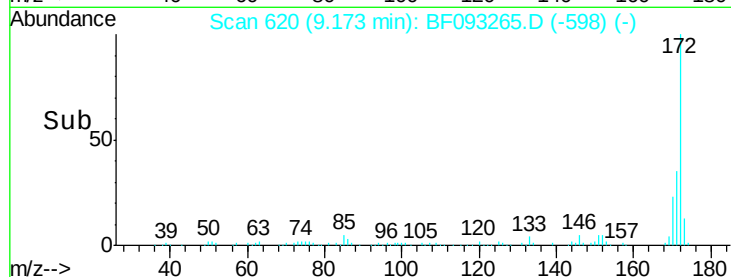
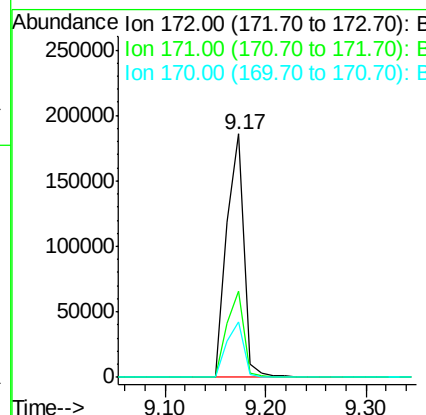
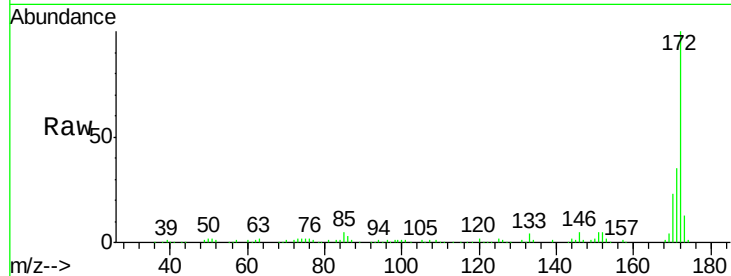




#44
 2-Fluorobiphenyl
 Concen: 19.54 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093265.D
 Acq: 1 Mar 2017 1:19

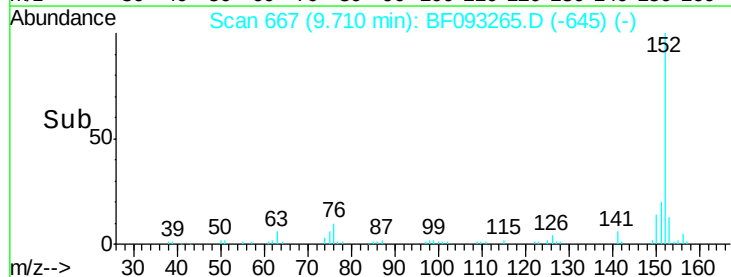
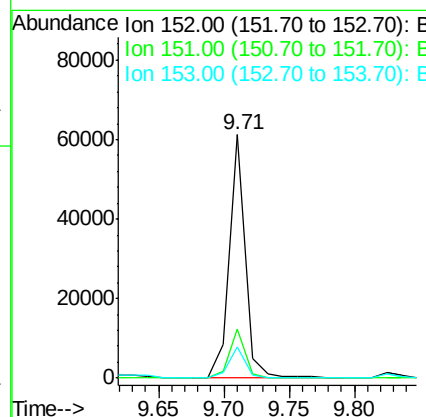
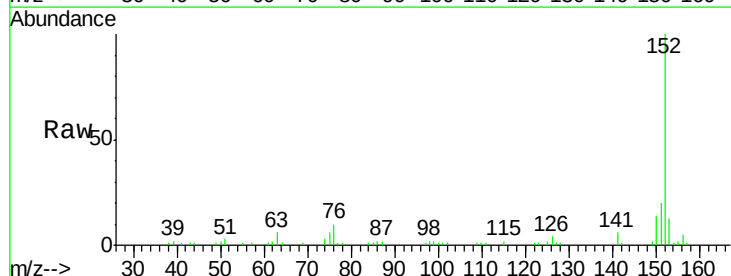
Instrument :
 BNA_F
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 E2-W4-WSWDL

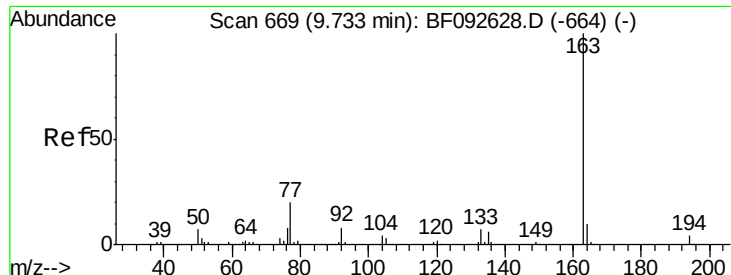
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	22.9	20.2	30.4



#48
 Acenaphthylene
 Concen: 2.65 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF093265.D
 Acq: 1 Mar 2017 1:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.9	25.3
153	12.9	11.4	17.2

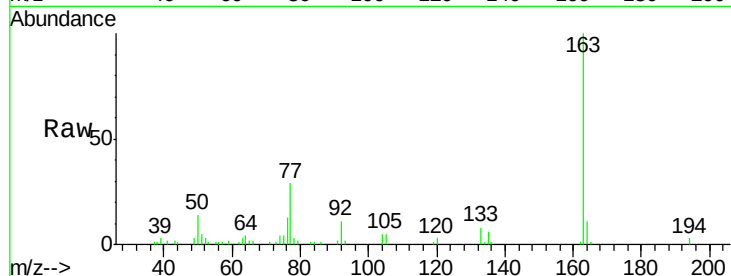




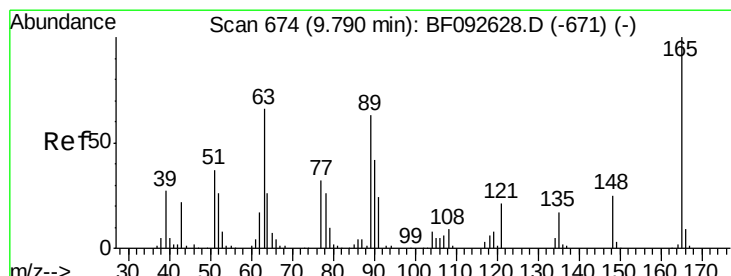
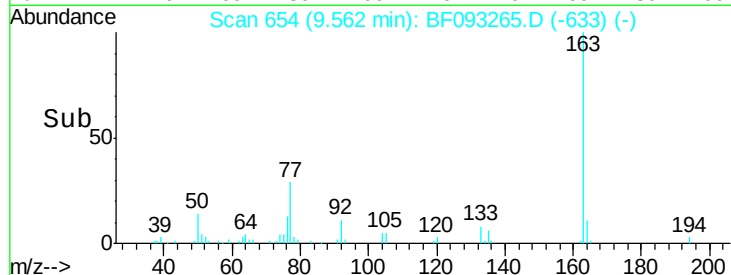
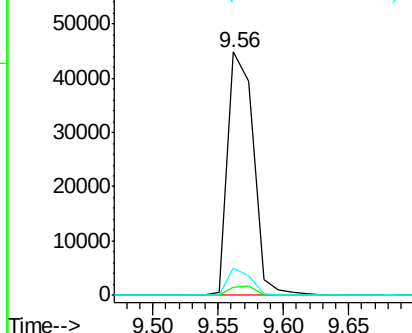
#49
Dimethylphthalate
Concen: 4.45 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093265.D
Acq: 1 Mar 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-W4-WSWDL

Tgt Ion:163 Resp: 61302
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 11.4 8.0 12.0

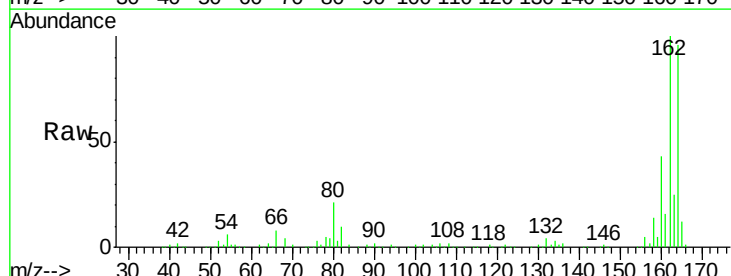


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

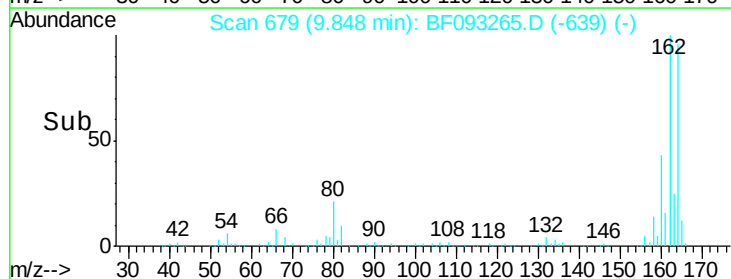
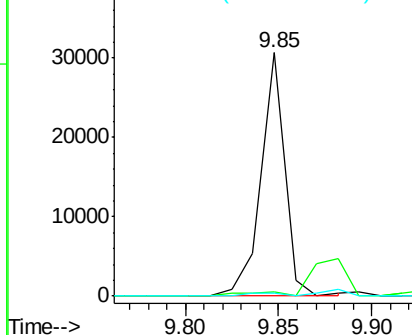


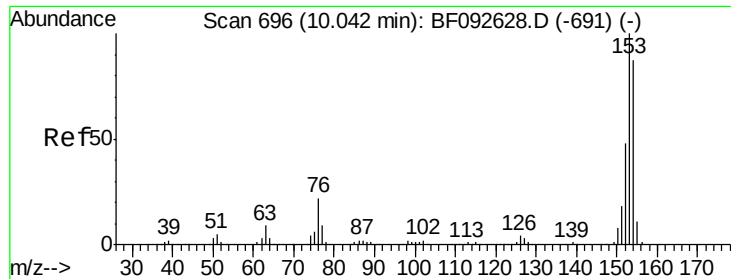
#50
2,6-Dinitrotoluene
Concen: 9.04 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093265.D
Acq: 1 Mar 2017 1:19

Tgt Ion:165 Resp: 26913
Ion Ratio Lower Upper
165 100
63 1.6 36.2 54.4#
89 1.5 40.2 60.4#



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





#51

Acenaphthene

Concen: 5.28 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

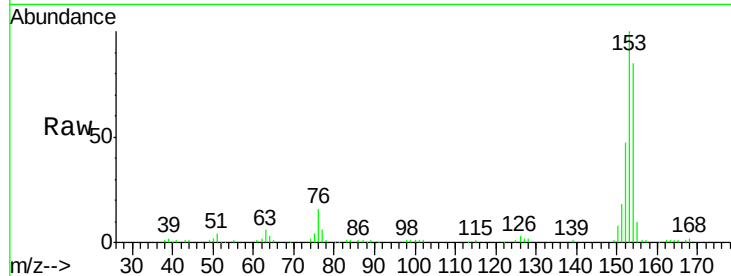
Tgt Ion:154 Resp: 63252

Ion Ratio Lower Upper

154 100

153 117.1 88.6 133.0

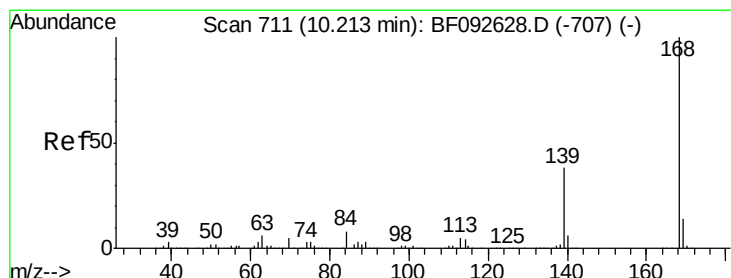
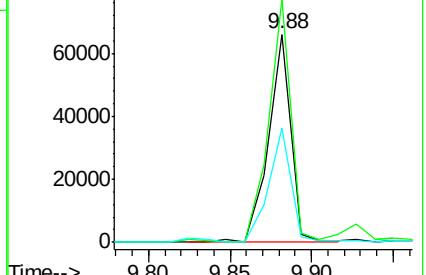
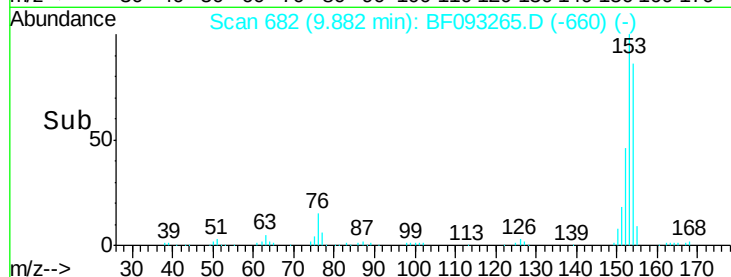
152 55.0 41.6 62.4



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



#54

Dibenzofuran

Concen: 3.44 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

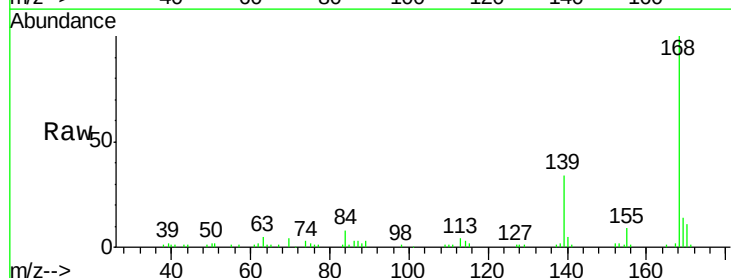
Tgt Ion:168 Resp: 55179

Ion Ratio Lower Upper

168 100

139 34.3 32.6 49.0

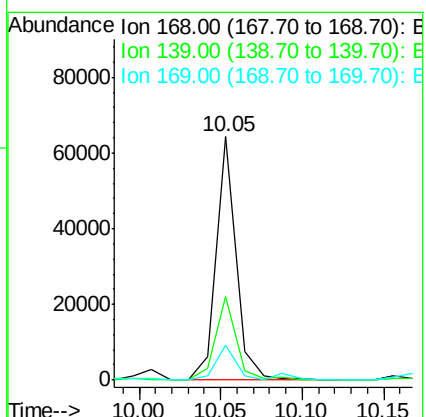
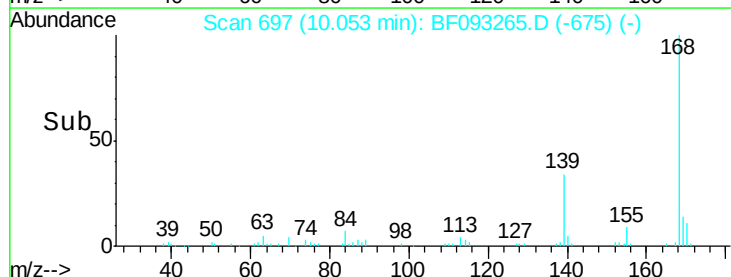
169 14.3 11.3 16.9

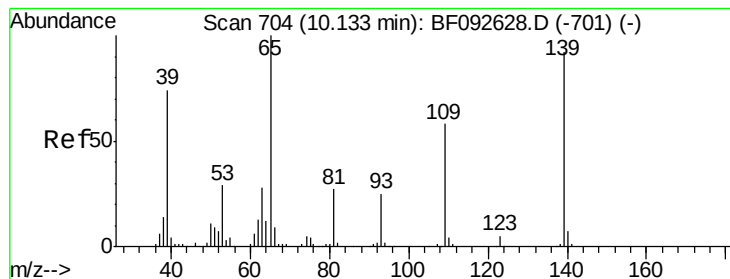


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 8.00 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.03 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

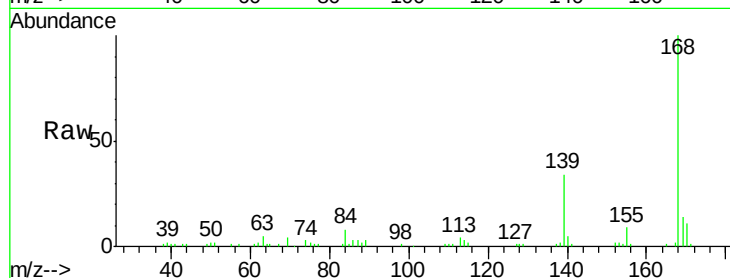
Tgt Ion:139 Resp: 19644

Ion Ratio Lower Upper

139 100

109 1.5 52.2 92.2#

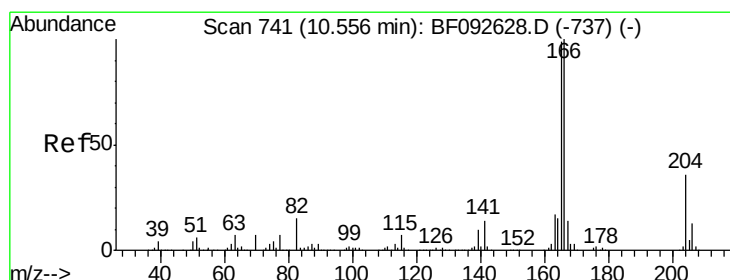
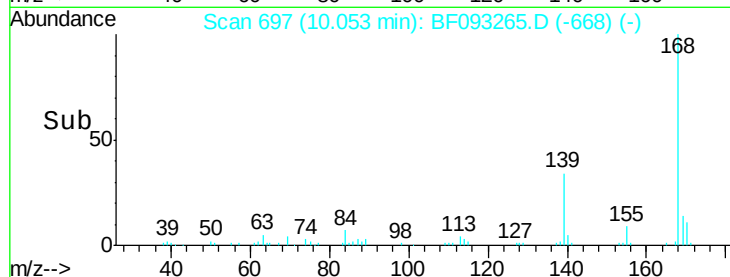
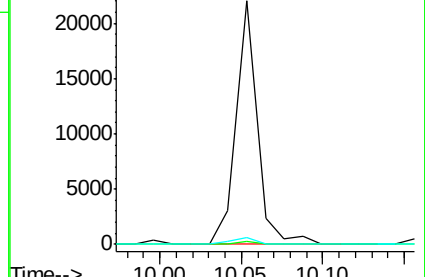
65 2.9 85.8 125.8#



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



#57

Fluorene

Concen: 5.36 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

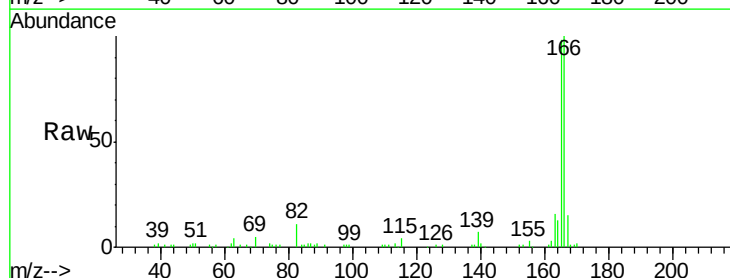
Tgt Ion:166 Resp: 66019

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

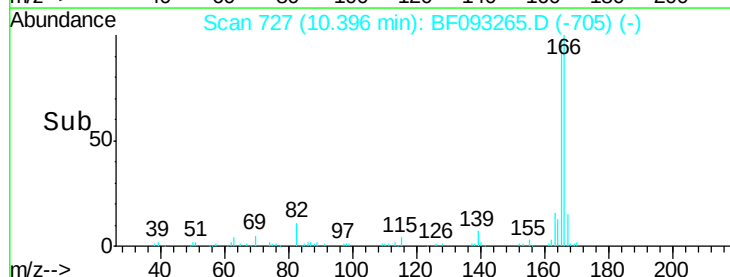
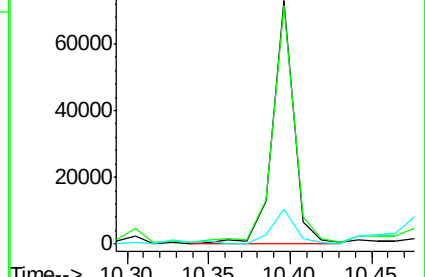
167 14.5 10.8 16.2

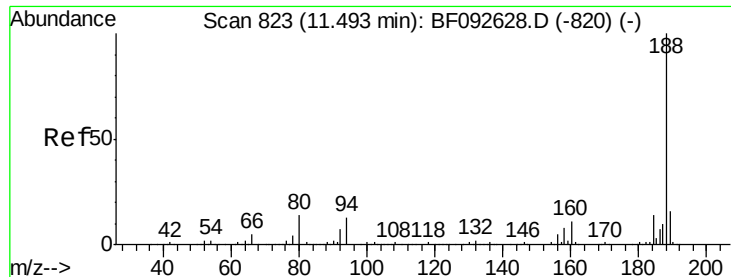


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

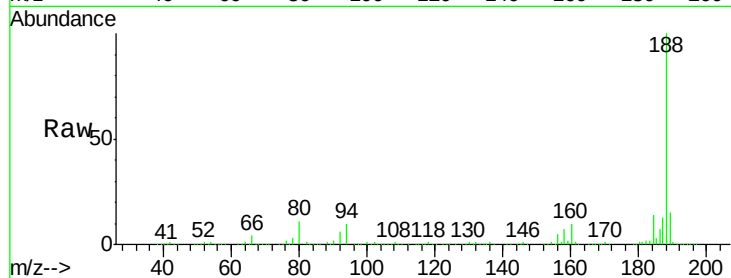




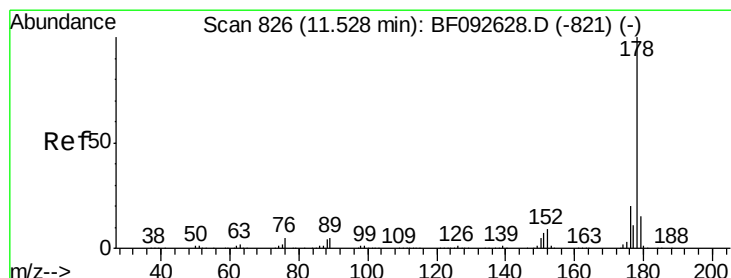
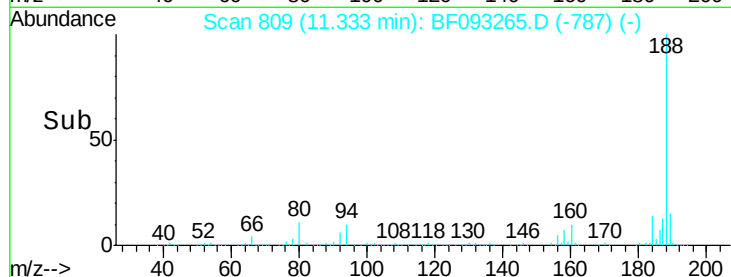
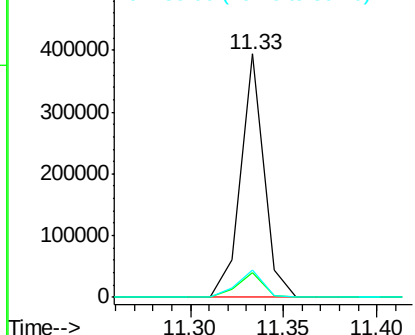
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093265.D
Acq: 1 Mar 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-W4-WSWDL

Tgt Ion:188 Resp: 344266
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 11.1 11.2 16.8#

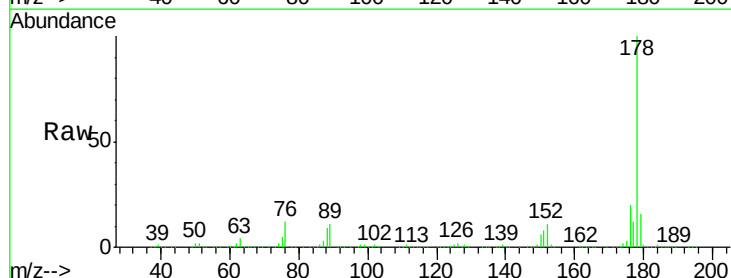


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

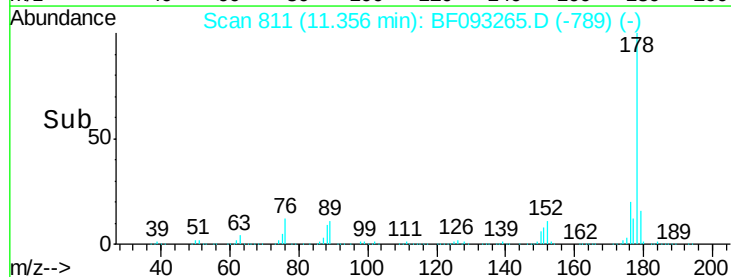
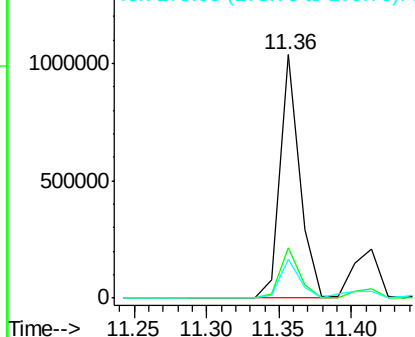


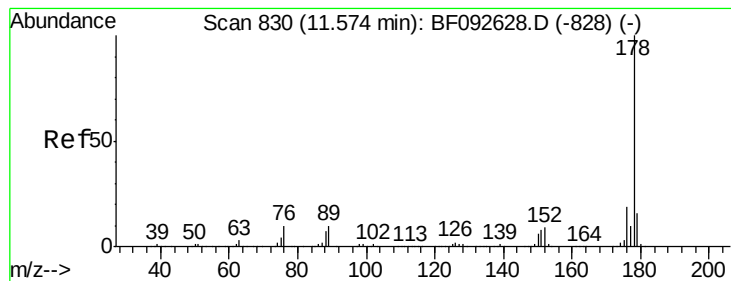
#70
Phenanthrene
Concen: 49.50 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093265.D
Acq: 1 Mar 2017 1:19

Tgt Ion:178 Resp: 976349
Ion Ratio Lower Upper
178 100
176 20.5 16.6 25.0
179 15.9 12.8 19.2



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: 13.26 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

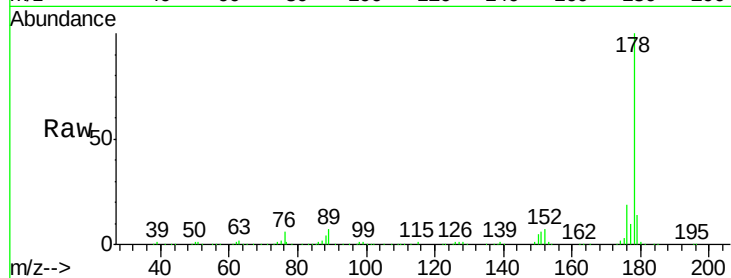
Tgt Ion:178 Resp: 262694

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

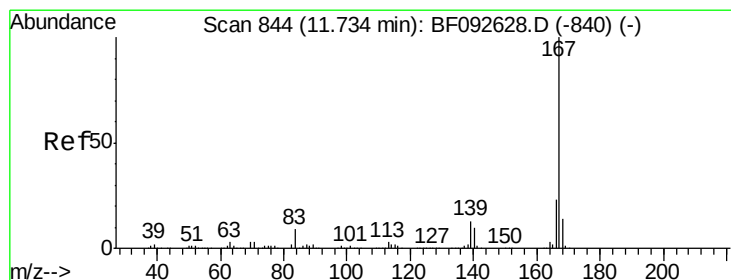
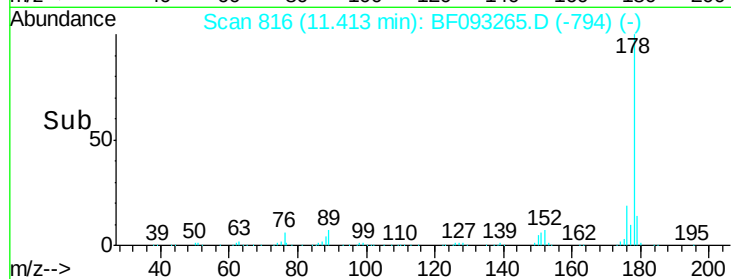
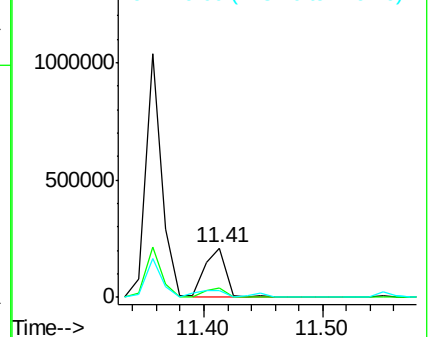
179 14.4 13.2 19.8



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



#72

Carbazole

Concen: 4.00 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

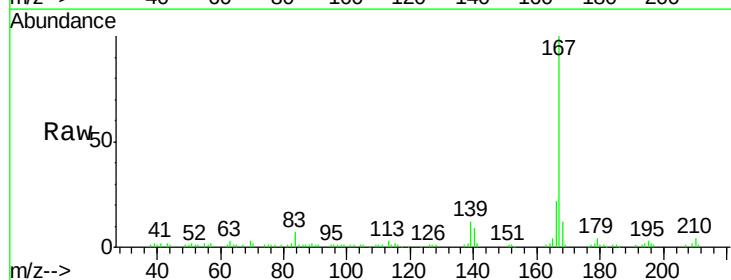
Tgt Ion:167 Resp: 75718

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

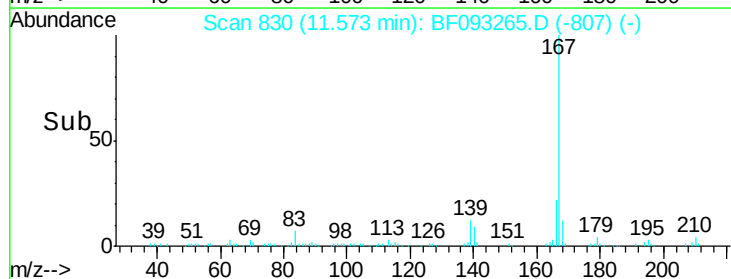
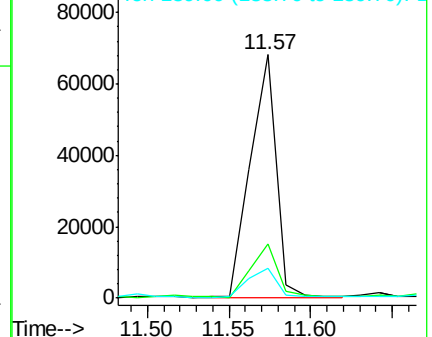
139 12.2 11.4 17.2

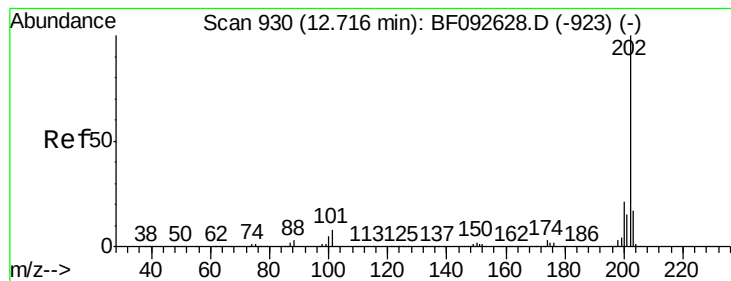


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

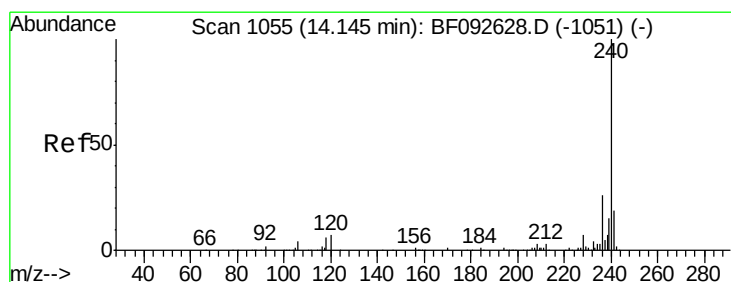
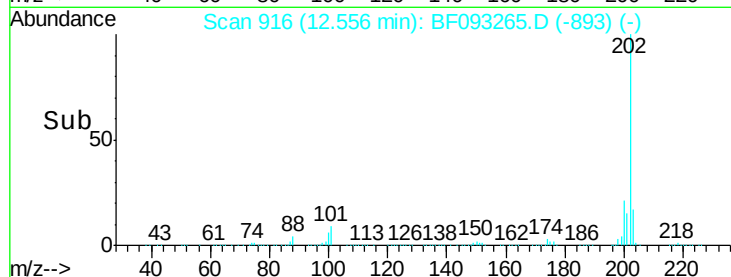
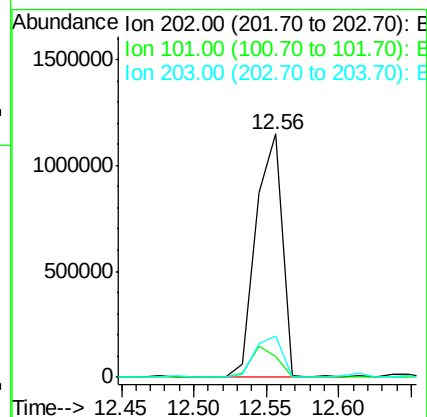
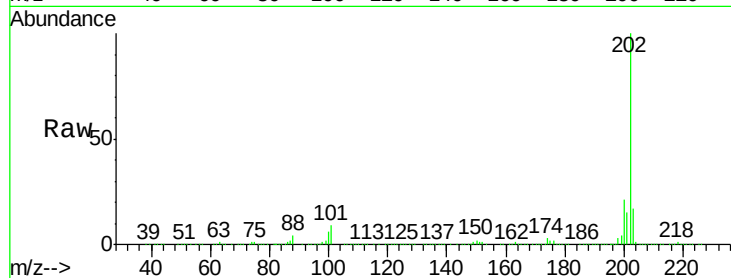




#74
 Fluoranthene
 Concen: 70.71 ng
 RT: 12.56 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF093265.D
 Acq: 1 Mar 2017 1:19

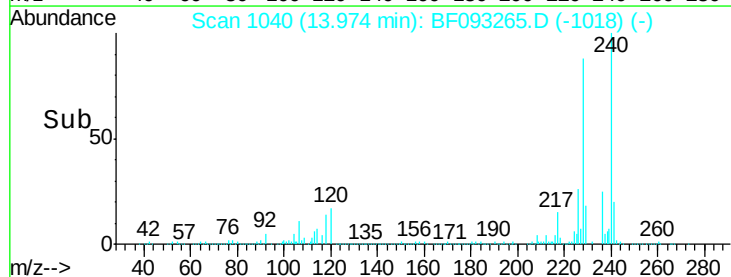
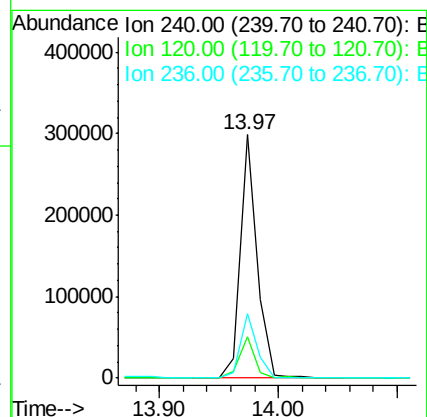
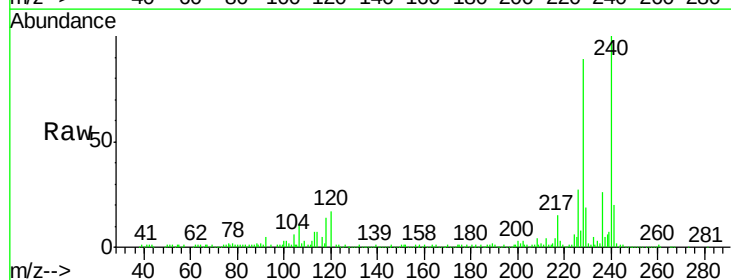
Instrument :
 BNA_F
 ClientSampleId :
 E2-W4-WSWDL

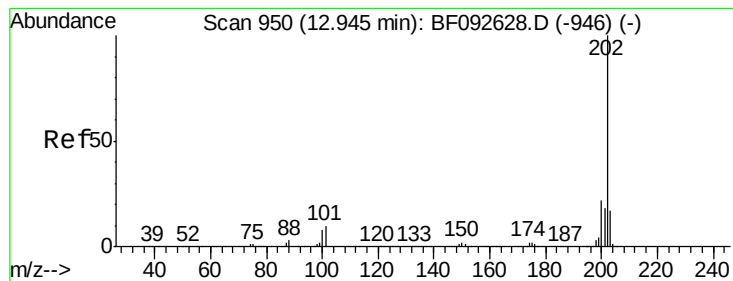
Tgt Ion: 202 Resp: 1438550
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 34.6
 203 17.2 0.0 38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF093265.D
 Acq: 1 Mar 2017 1:19

Tgt Ion: 240 Resp: 291682
 Ion Ratio Lower Upper
 240 100
 120 16.9 12.9 19.3
 236 26.4 20.9 31.3





#77

Pyrene

Concen: 63.12 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

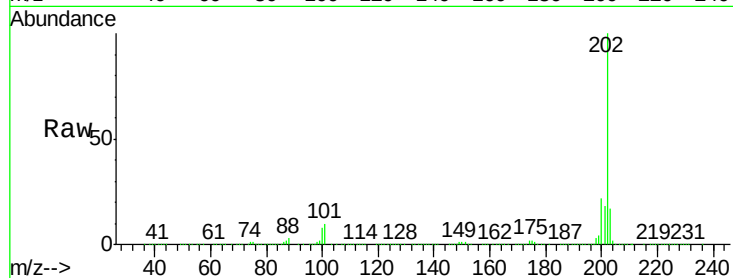
Tgt Ion:202 Resp: 1377915

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

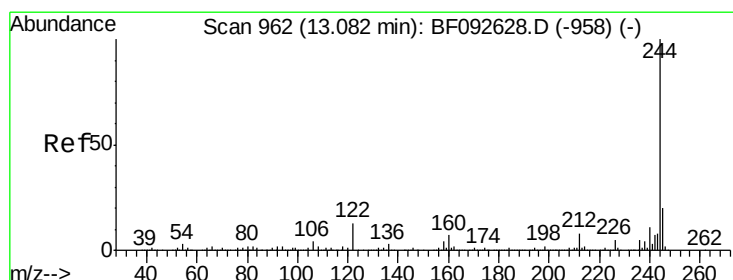
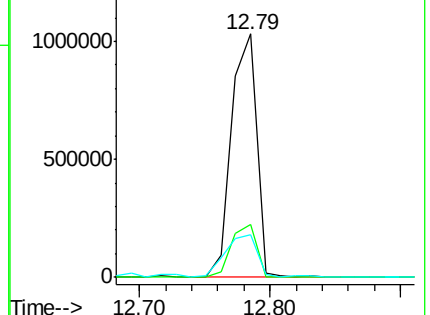
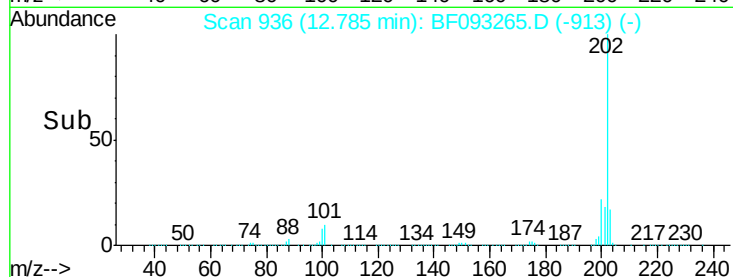
203 17.4 14.7 22.1



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: 14.21 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

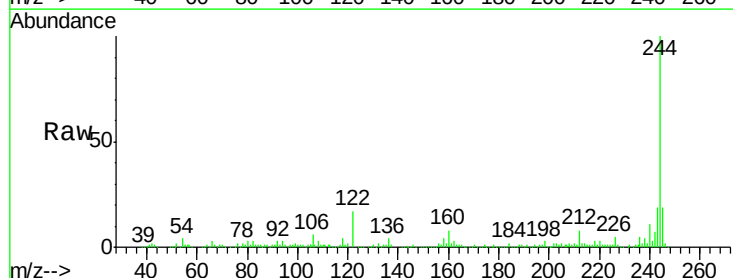
Tgt Ion:244 Resp: 176374

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

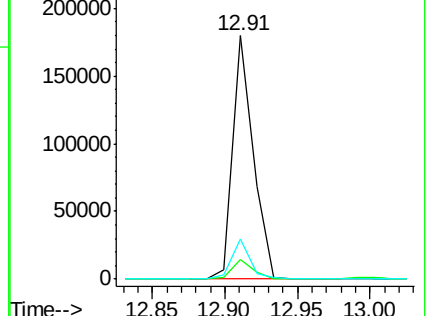
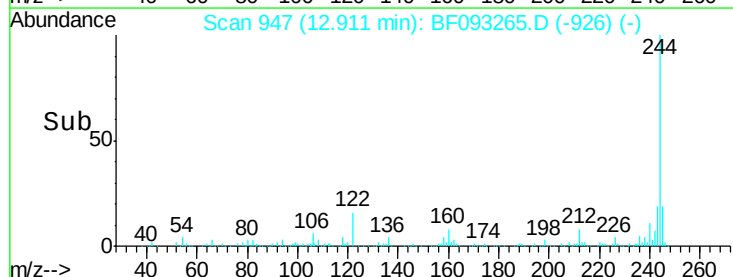
122 16.7 11.4 17.2

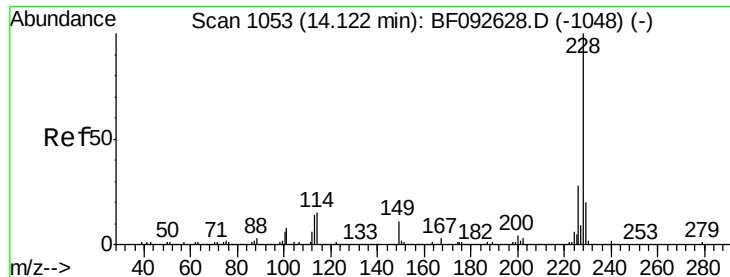


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

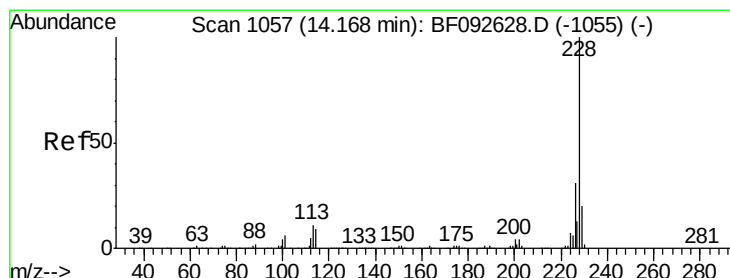
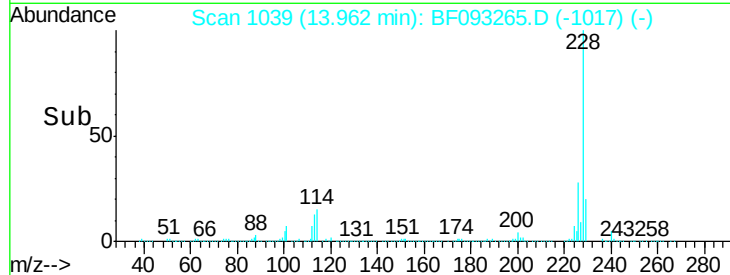
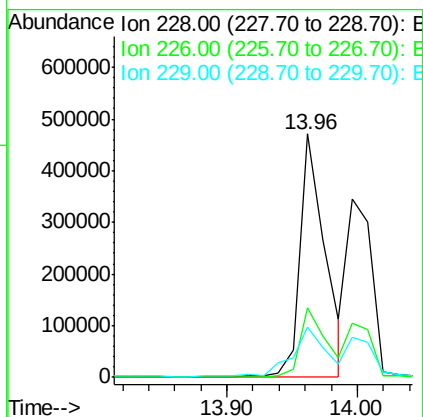
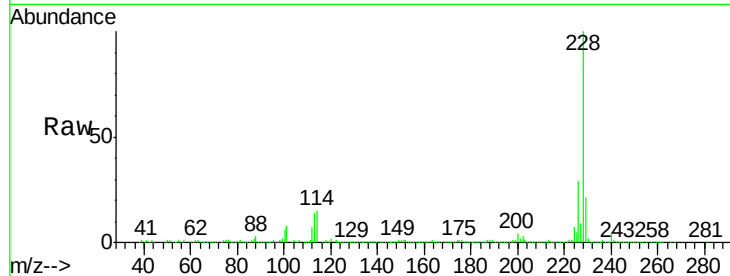




#80
Benzo(a)anthracene
Concen: 34.99 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093265.D
Acq: 1 Mar 2017 1:19

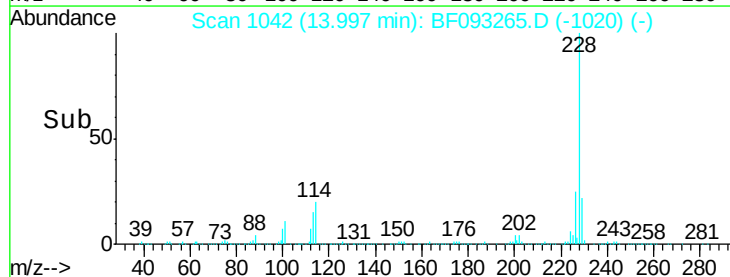
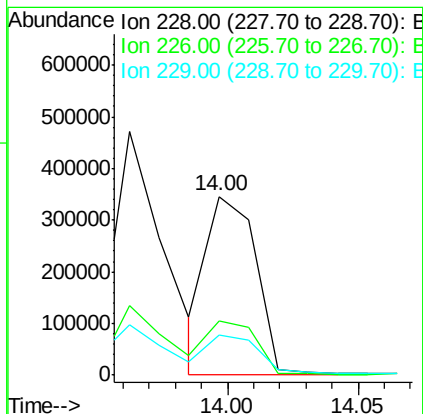
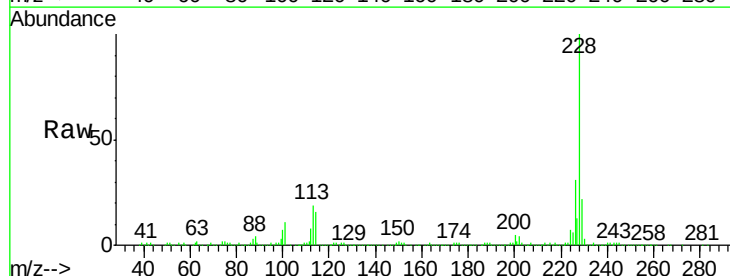
Instrument :
BNA_F
ClientSampleId :
E2-W4-WSWDL

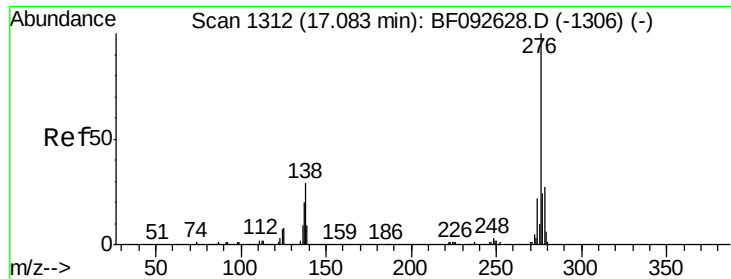
Tgt Ion:228 Resp: 624189
Ion Ratio Lower Upper
228 100
226 28.7 22.4 33.6
229 20.6 16.2 24.4



#82
Chrysene
Concen: 26.95 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093265.D
Acq: 1 Mar 2017 1:19

Tgt Ion:228 Resp: 450072
Ion Ratio Lower Upper
228 100
226 30.7 25.4 38.0
229 22.1 16.2 24.2

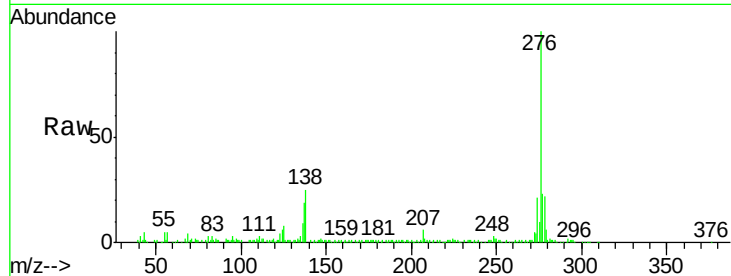




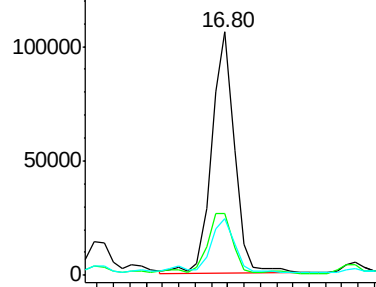
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.80 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. -0.06 min
 Lab File: BF093265.D
 Acq: 1 Mar 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-W4-WSWDL

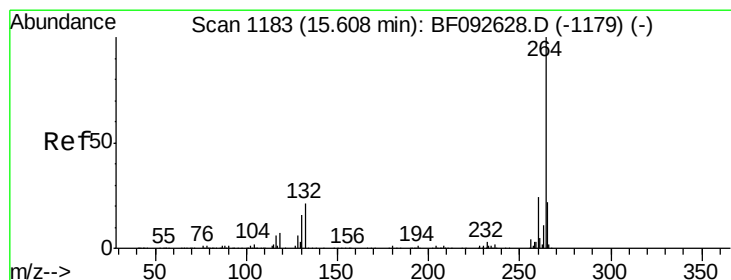
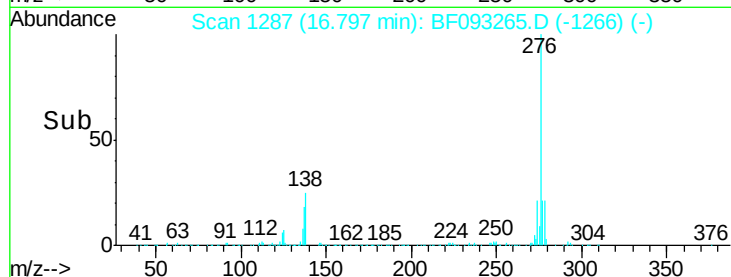
Tgt Ion: 276 Resp: 204436
 Ion Ratio Lower Upper
 276 100
 138 28.1 21.8 32.6
 277 23.1 20.2 30.4



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

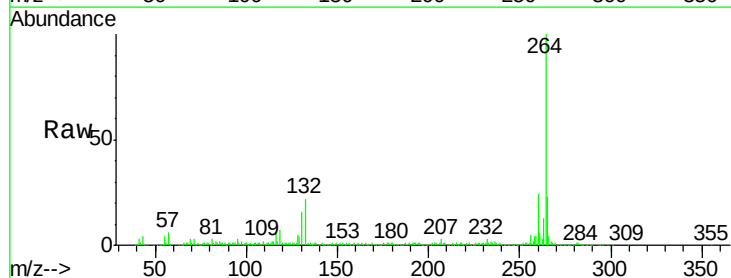


Time-->

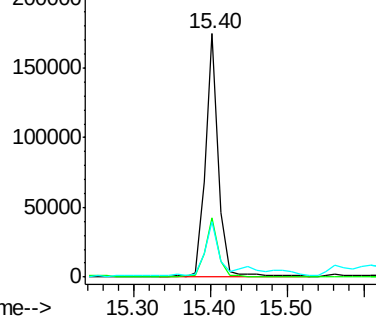


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.05 min
 Lab File: BF093265.D
 Acq: 1 Mar 2017 1:19

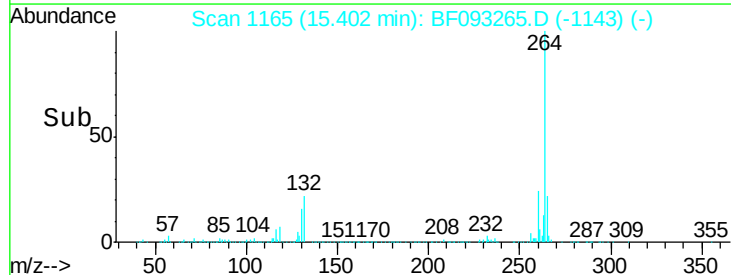
Tgt Ion: 264 Resp: 209360
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.7 17.4 26.0

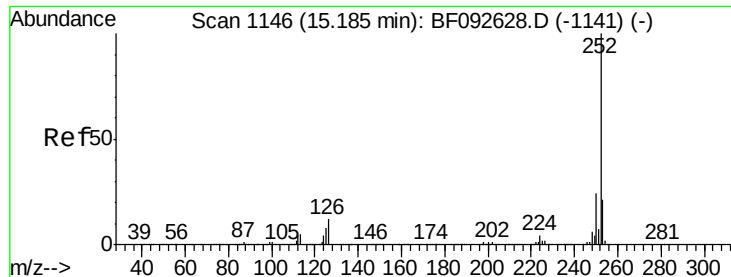


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 48.04 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

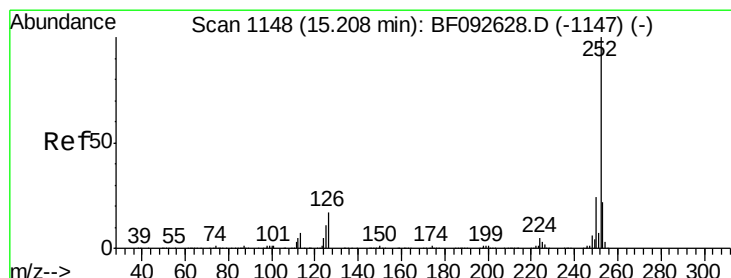
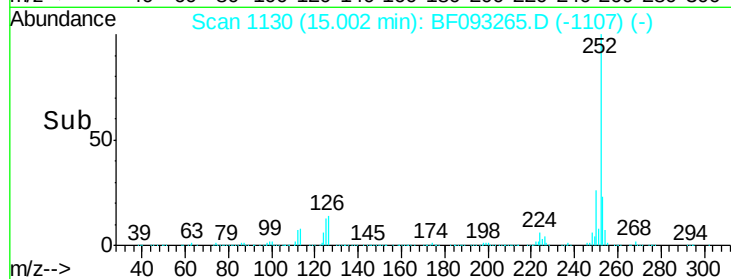
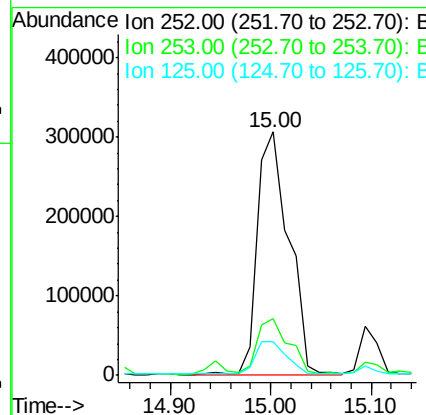
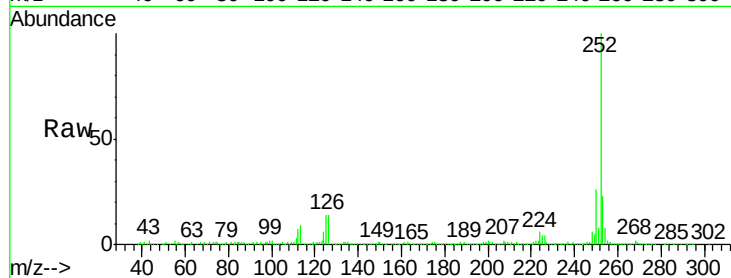
Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

Tgt Ion:	252	Resp:	661947
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.4
125	13.7	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 55.64 ng

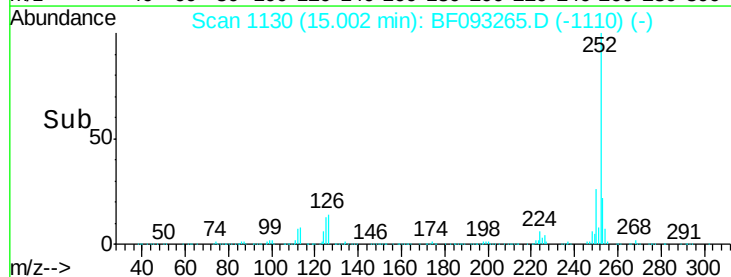
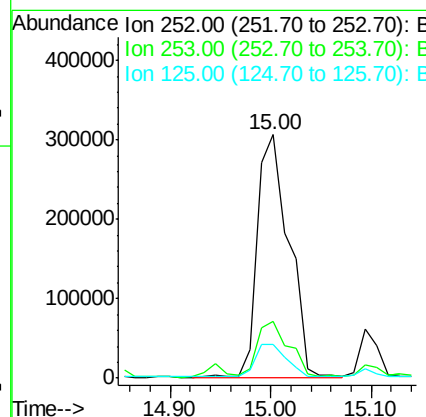
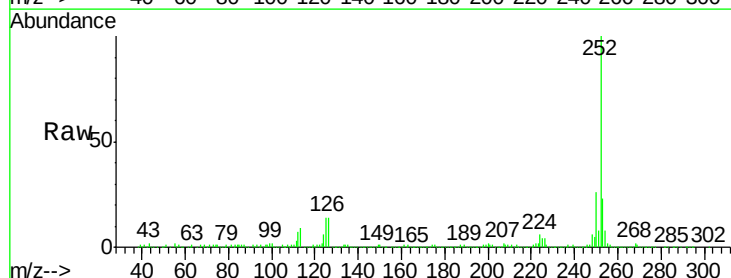
RT: 15.00 min Scan# 1130

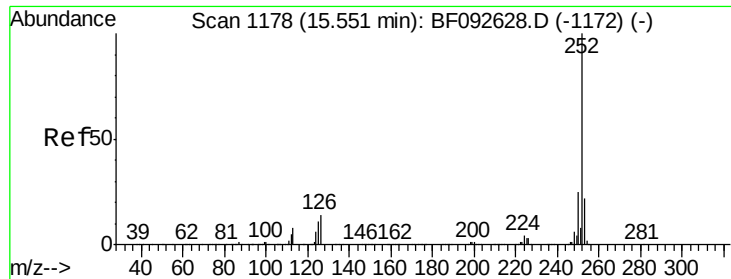
Delta R.T. -0.07 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Tgt Ion:	252	Resp:	661947
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.5	27.7
125	13.7	8.9	13.3#

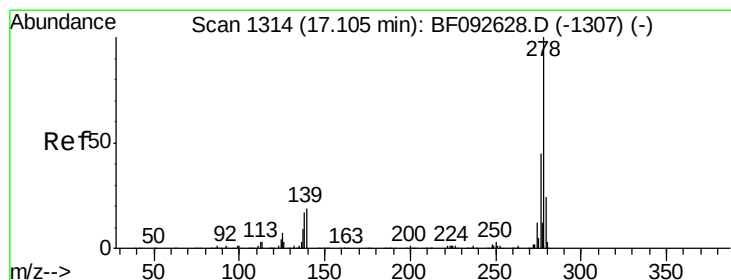
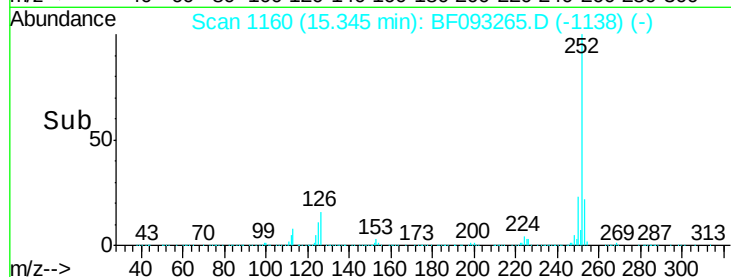
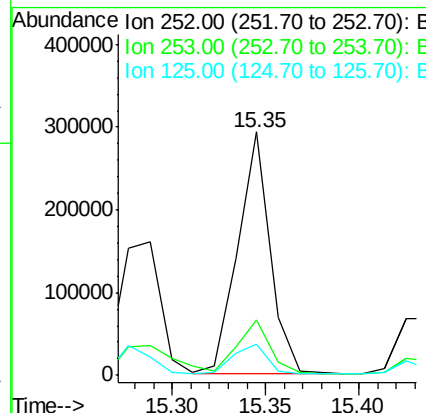
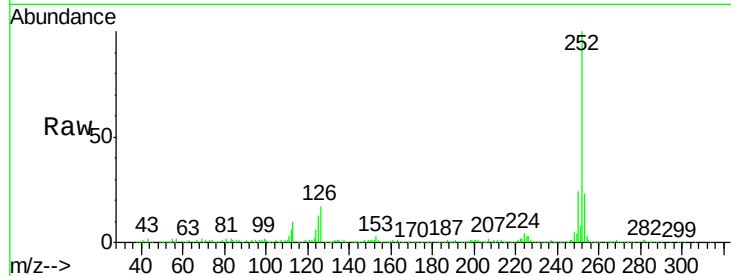




#89
Benzo(a)pyrene
Concen: 29.77 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093265.D
Acq: 1 Mar 2017 1:19

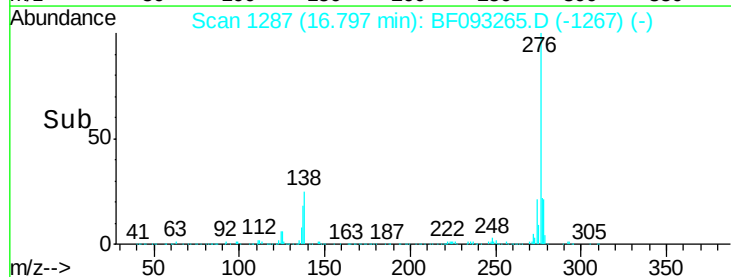
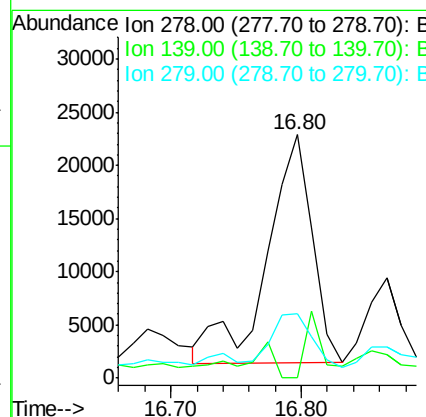
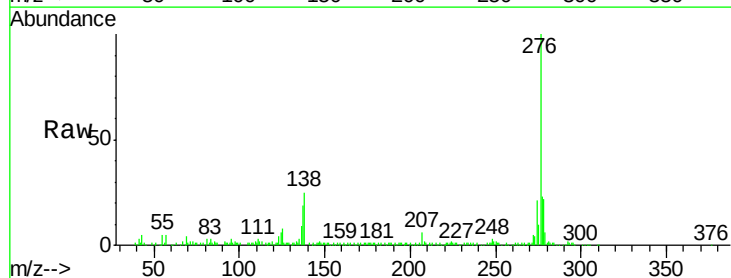
Instrument :
BNA_F
ClientSampleId :
E2-W4-WSWDL

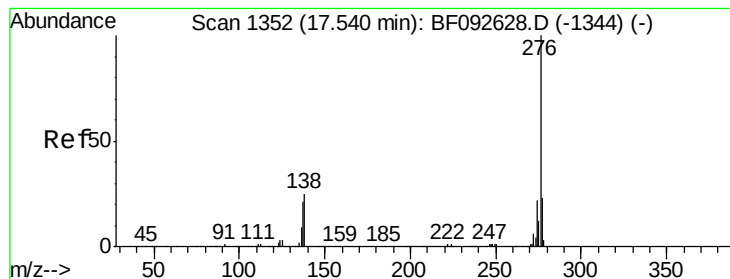
Tgt Ion:	252	Resp:	354853
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.5	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 5.42 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.07 min
Lab File: BF093265.D
Acq: 1 Mar 2017 1:19

Tgt Ion:	278	Resp:	52239
Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.8	22.2#
279	26.4	19.8	29.6





#91

Benzo(g,h,i)perylene

Concen: 19.83 ng

RT: 17.22 min Scan# 1324

Delta R.T. -0.07 min

Lab File: BF093265.D

Acq: 1 Mar 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-W4-WSWDL

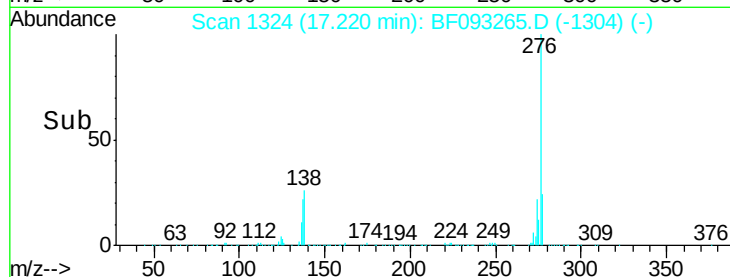
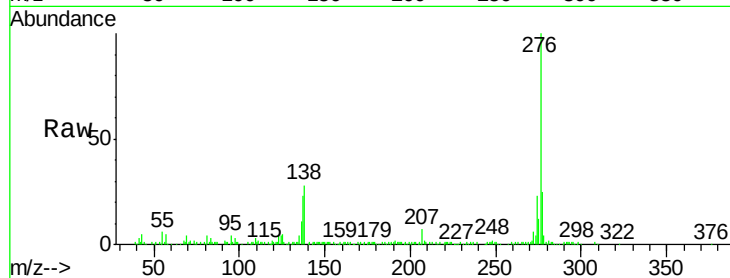
Tgt Ion: 276 Resp: 193024

Ion Ratio Lower Upper

276 100

277 25.3 19.2 28.8

138 28.0 16.0 24.0#



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

