

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093941.D
 Acq On : 27 Mar 2017 13:49
 Operator : SJ/MA
 Sample : I2364-03DL 4X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-12DL

Quant Time: Mar 27 16:28:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.95	152	184062	20.00	ng	0.00
21) Naphthalene-d8	7.46	136	762990	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	339033	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	543285	20.00	ng	0.00
75) Chrysene-d12	14.68	240	328052	20.00	ng	0.00
86) Perylene-d12	16.32	264	324895	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.47	112	38412	3.52	ng	0.00
7) Phenol-d6	5.54	99	272746	20.23	ng	-0.01
23) Nitrobenzene-d5	6.59	82	179291	13.41	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.77	172	467907	21.05	ng	0.00
78) Terphenyl-d14	13.40	244	292666	20.00	ng	0.00

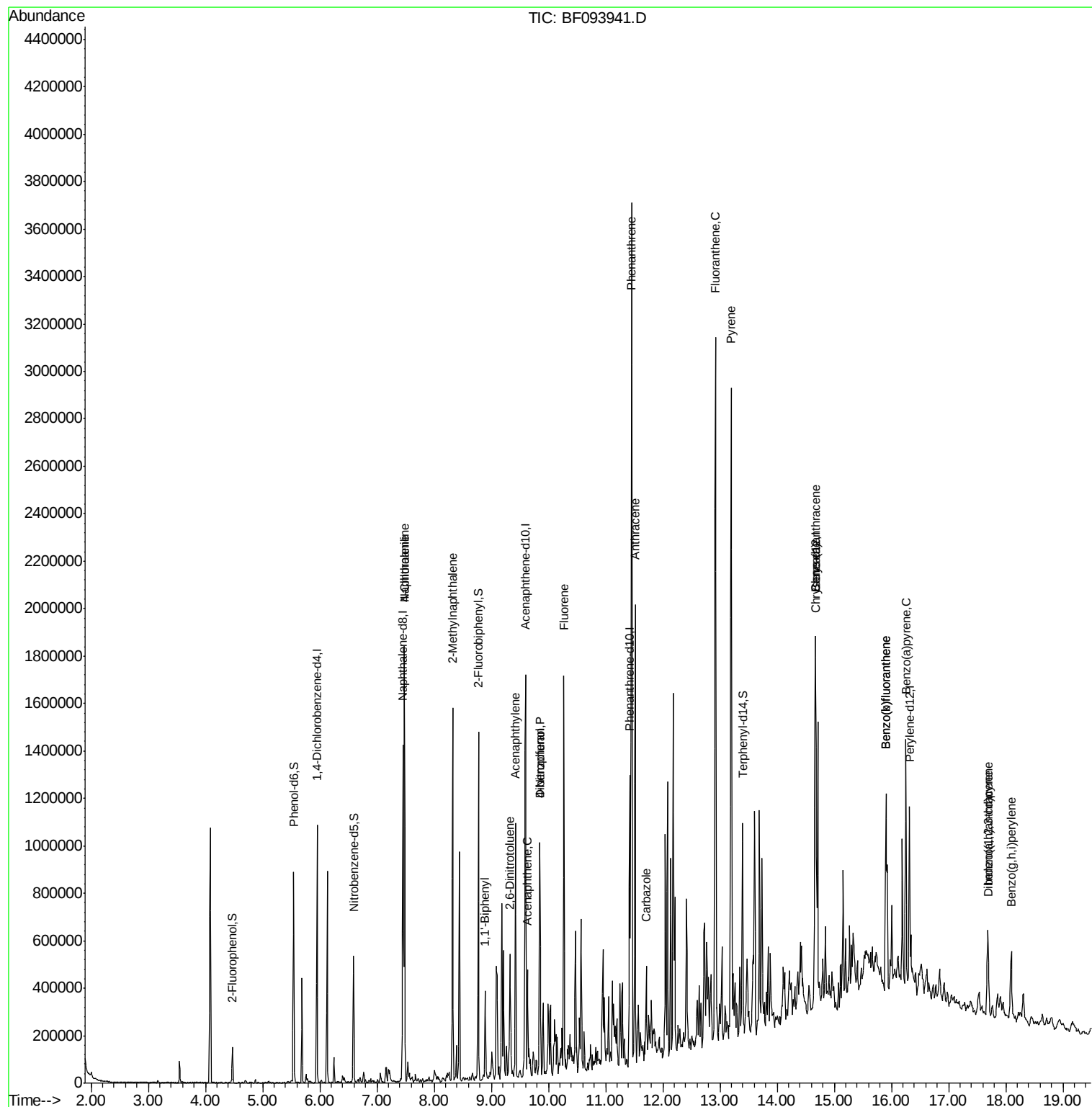
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	7.48	128	848674	23.13	ng	99
33) 4-Chloroaniline	7.48	127	112808	7.59	ng	# 29
37) 2-Methylnaphthalene	8.32	142	469400	19.19	ng	98
45) 1,1'-Biphenyl	8.89	154	115466	4.22	ng	97
48) Acenaphthylene	9.42	152	400207	11.25	ng	99
50) 2,6-Dinitrotoluene	9.33	165	18417	3.33	ng	# 48
51) Acenaphthene	9.63	154	85856	4.14	ng	98
54) Dibenzofuran	9.85	168	386985	13.69	ng	97
55) 4-Nitrophenol	9.85	139	147655	29.06	ng	# 28
57) Fluorene	10.27	166	486722	20.77	ng	99
70) Phenanthrene	11.46	178	1668164	55.20	ng	99
71) Anthracene	11.52	178	789816	25.38	ng	98
72) Carbazole	11.71	167	171491	5.37	ng	97
74) Fluoranthene	12.92	202	1423166	45.99	ng	99
77) Pyrene	13.20	202	1426560	59.92	ng	99
80) Benzo(a)anthracene	14.67	228	601104	31.42	ng	95
82) Chrysene	14.67	228	601104	33.86	ng	97
85) Indeno(1,2,3-cd)pyrene	17.69	276	211100	13.73	ng	95
87) Benzo(b)fluoranthene	15.90	252	693512	34.82	ng	97
88) Benzo(k)fluoranthene	15.90	252	693512	35.59	ng	97
89) Benzo(a)pyrene	16.25	252	442612	24.13	ng	94
90) Dibenz(a,h)anthracene	17.70	278	56916	3.66	ng	# 90
91) Benzo(g,h,i)perylene	18.09	276	209203	13.37	ng	98

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

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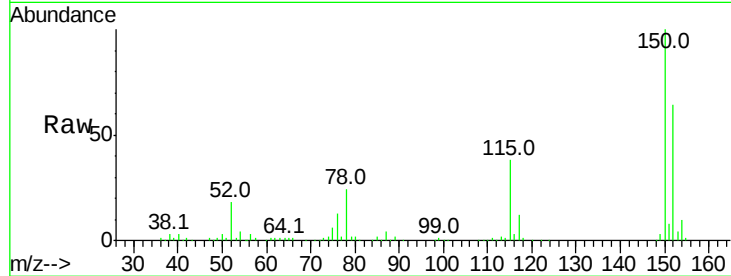


#1

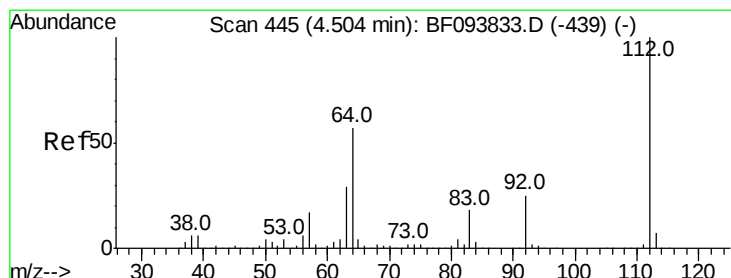
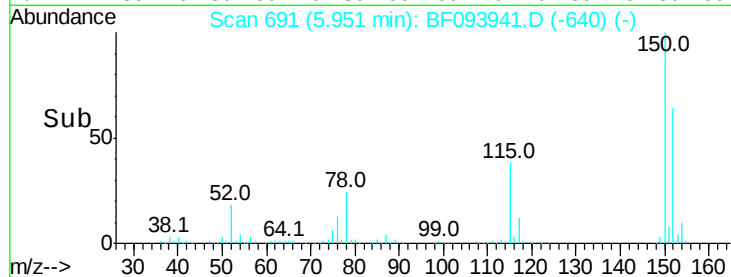
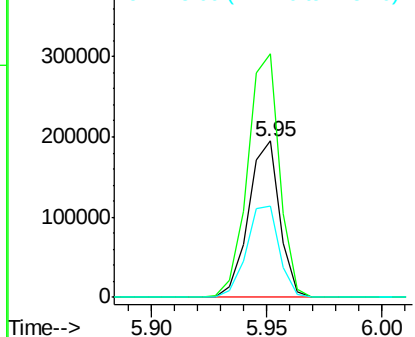
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.95 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

Instrument :
BNA_F
ClientSampleId :
WC-COMP-12DL

Tot Ion:152 Resp: 184062
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 58.7 52.2 78.2



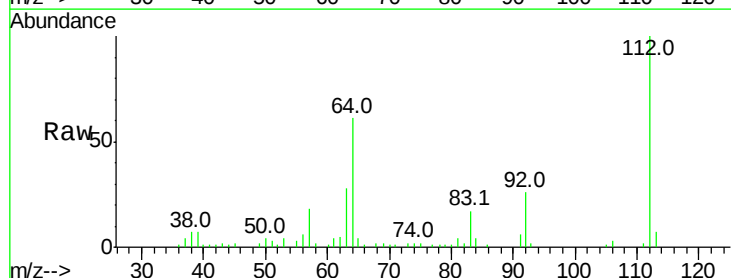
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



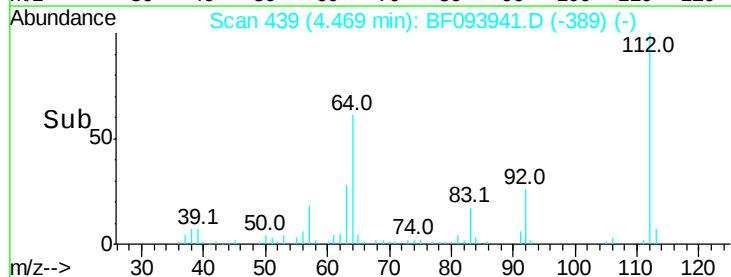
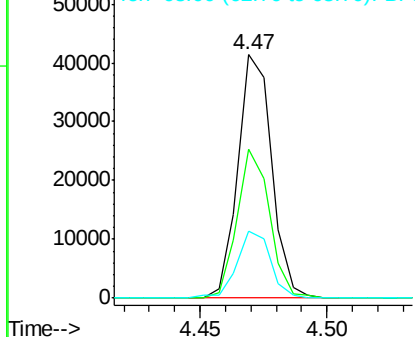
#5

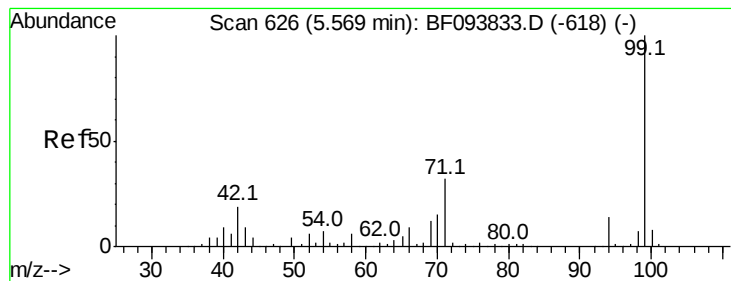
2-Fluorophenol
Concen: 3.52 ng
RT: 4.47 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

Tgt Ion:112 Resp: 38412
Ion Ratio Lower Upper
112 100
64 61.0 46.0 69.0
63 27.7 23.4 35.0



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: 20.23 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12DL

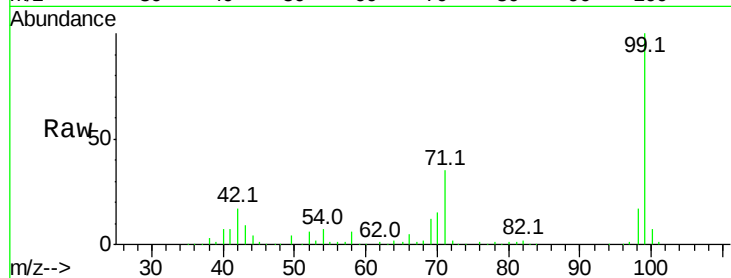
Tot Ion: 99 Resp: 272746

Ion Ratio Lower Upper

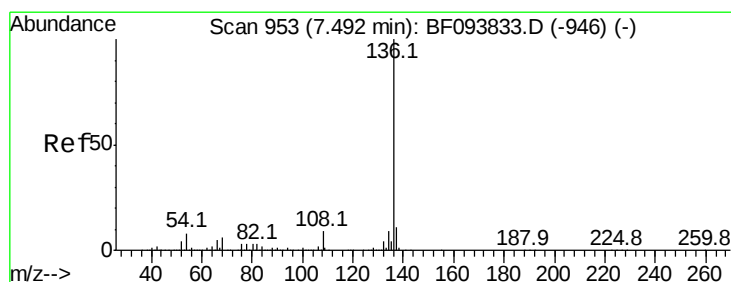
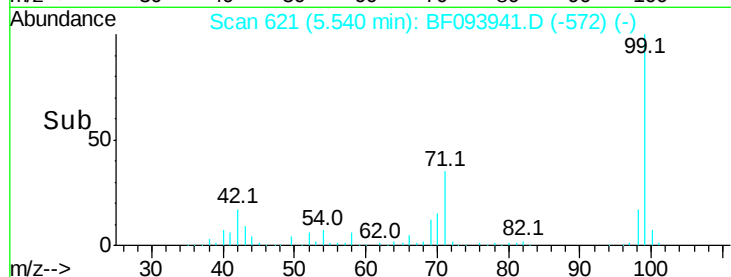
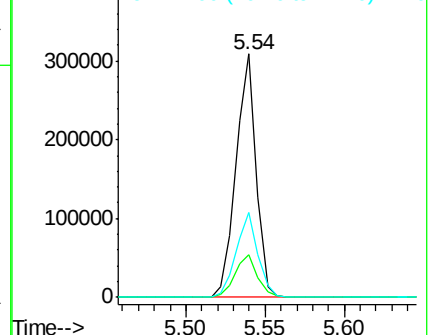
99 100

42 17.5 13.5 20.3

71 34.8 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.46 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Tgt Ion: 136 Resp: 762990

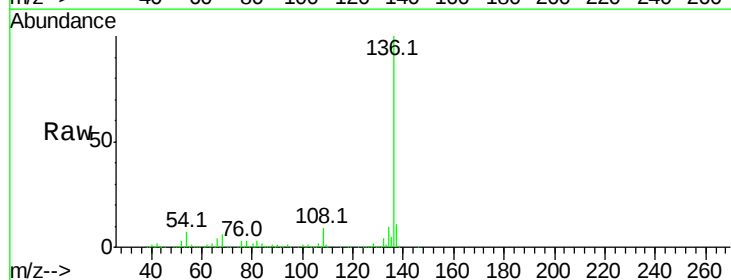
Ion Ratio Lower Upper

136 100

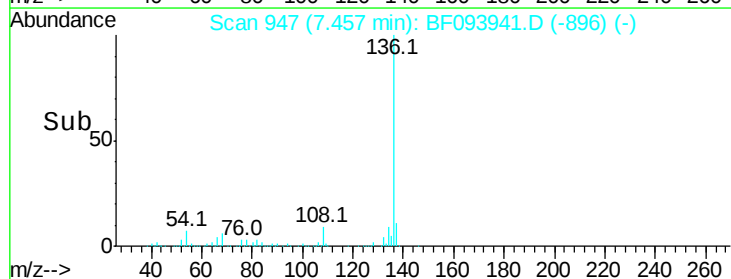
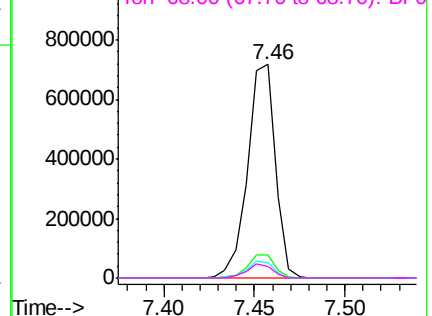
137 10.9 8.5 12.7

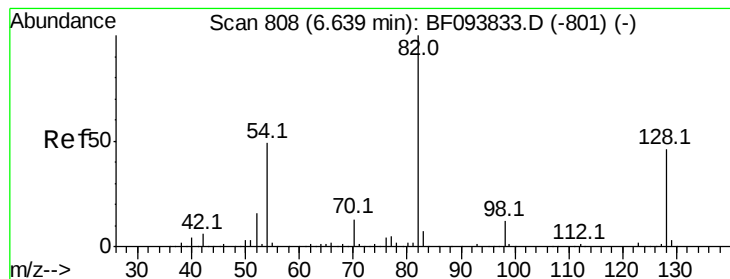
54 7.1 4.9 7.3

68 5.6 4.1 6.1



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: 13.41 ng

RT: 6.59 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12DL

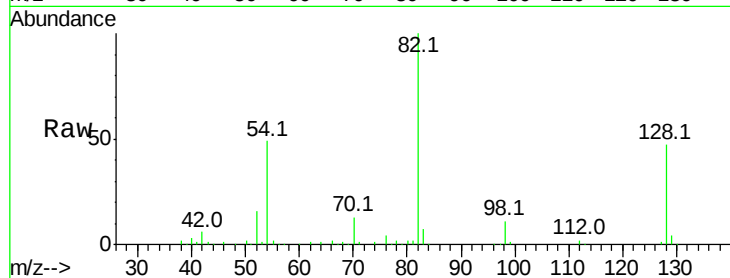
Tot Ion: 82 Resp: 179291

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

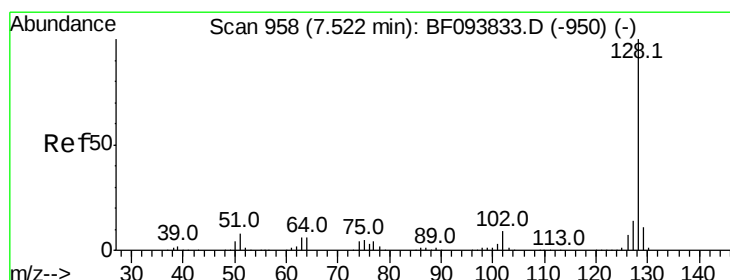
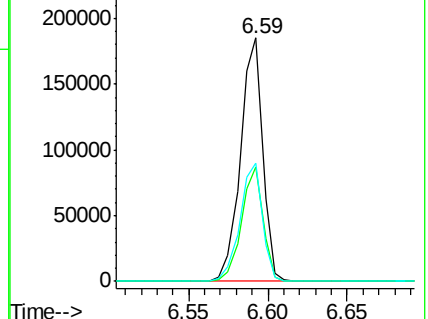
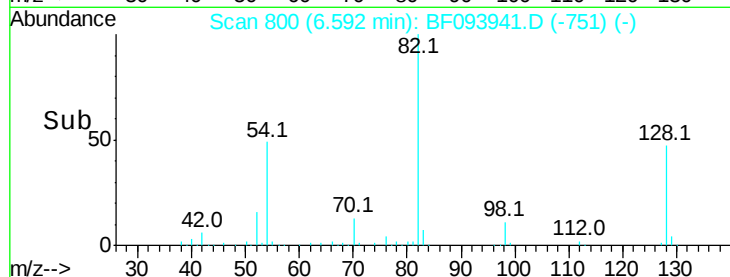
54 48.5 42.2 63.2



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



#31

Naphthalene

Concen: 23.13 ng

RT: 7.48 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

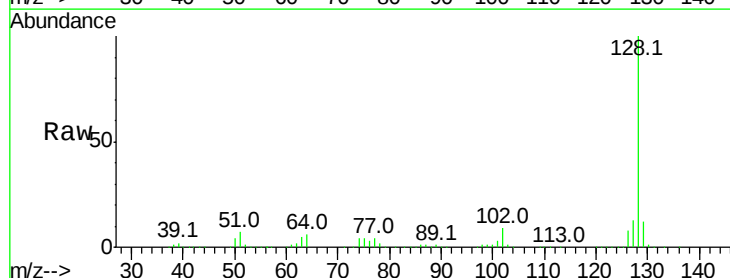
Tgt Ion:128 Resp: 848674

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

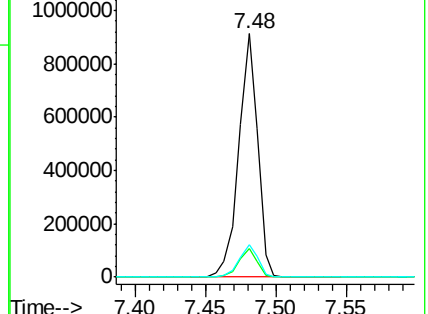
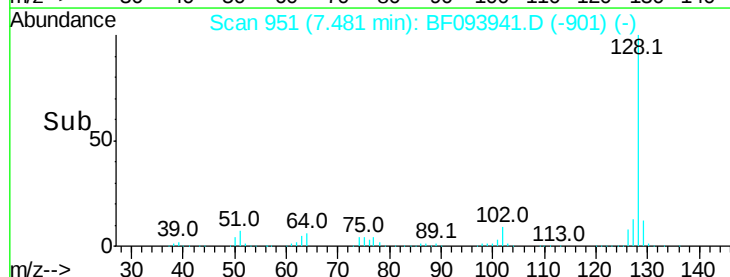
127 13.2 10.8 16.2

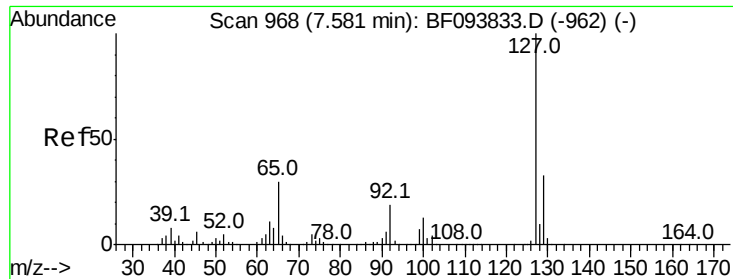


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

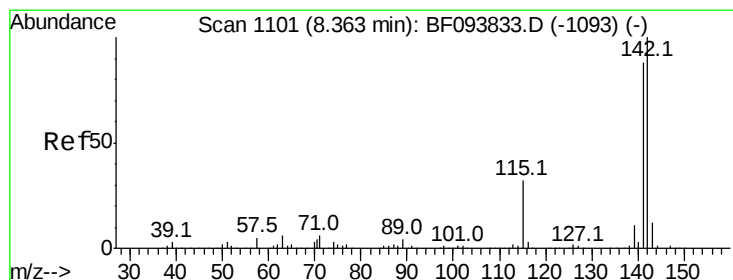
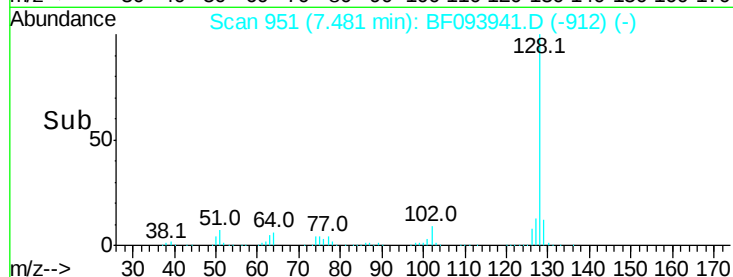
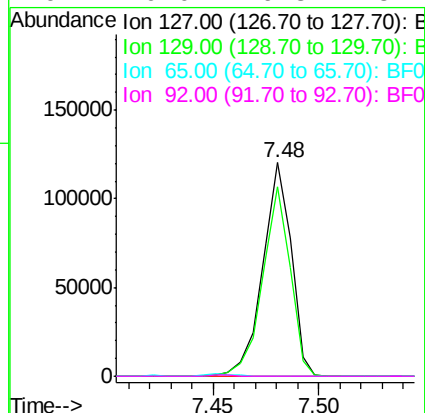
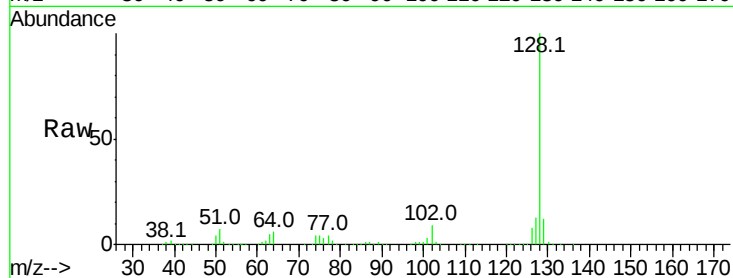




#33
4-Chloroaniline
Concen: 7.59 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.07 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

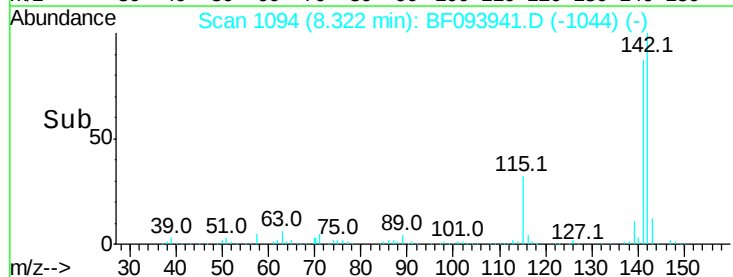
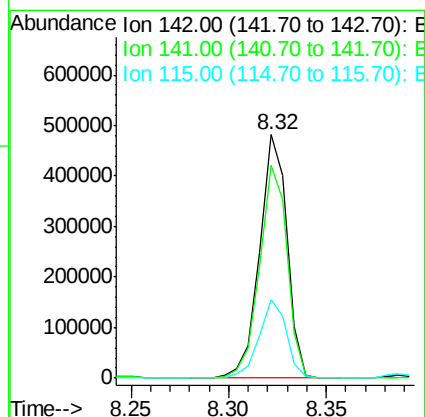
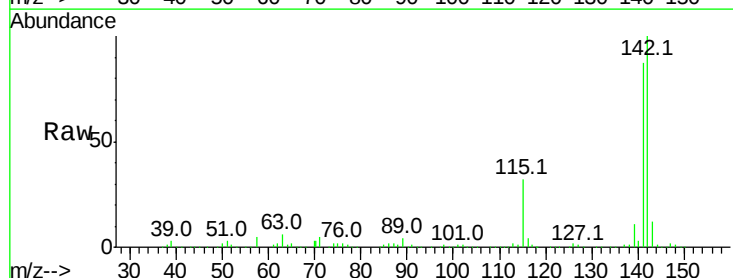
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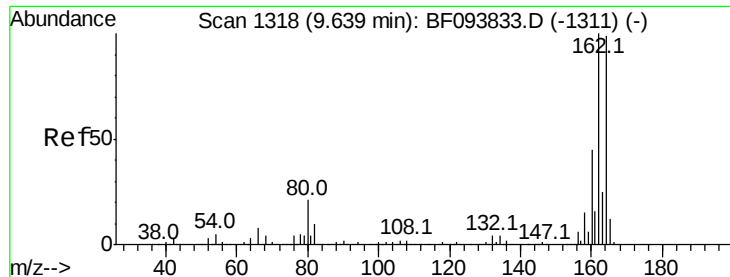
Tot Ion:127 Resp: 112808
Ion Ratio Lower Upper
127 100
129 88.5 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#



#37
2-Methylnaphthalene
Concen: 19.19 ng
RT: 8.32 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

Tgt Ion:142 Resp: 469400
Ion Ratio Lower Upper
142 100
141 87.4 71.3 106.9
115 32.0 27.1 40.7

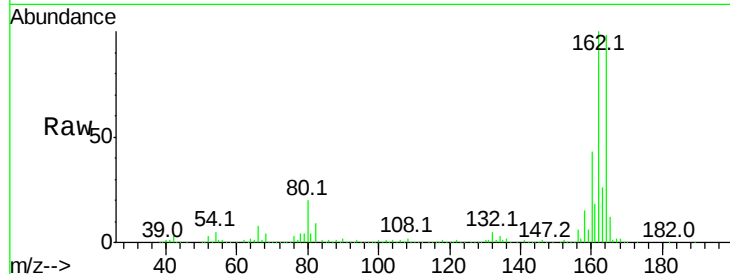




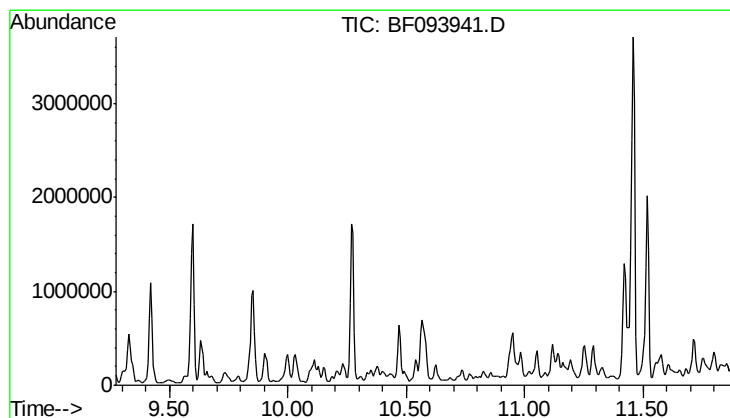
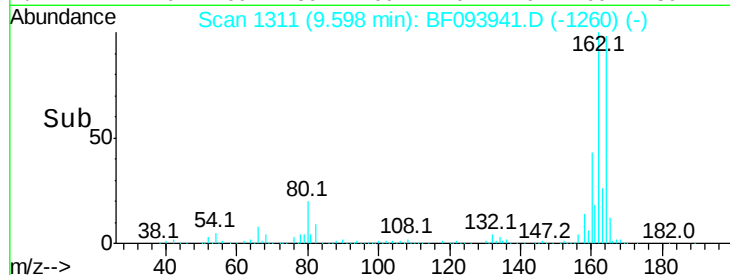
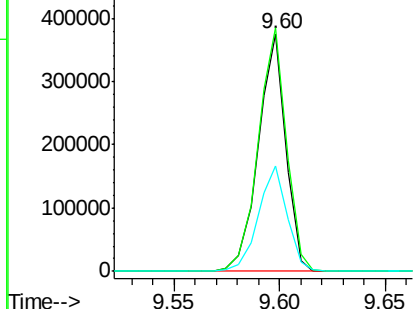
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF093941.D
 Acq: 27 Mar 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-12DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.6	36.2	54.2



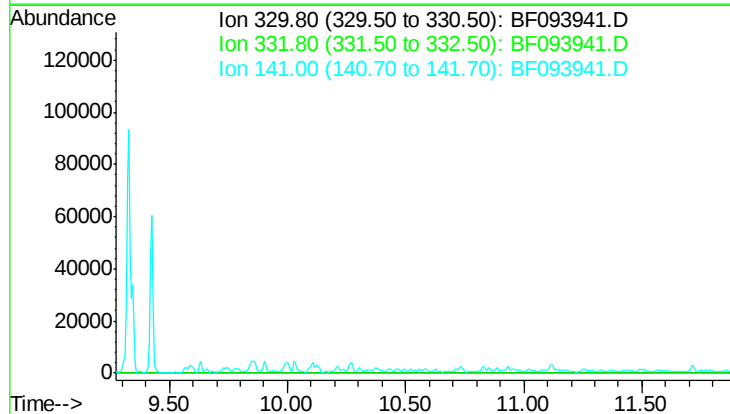
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

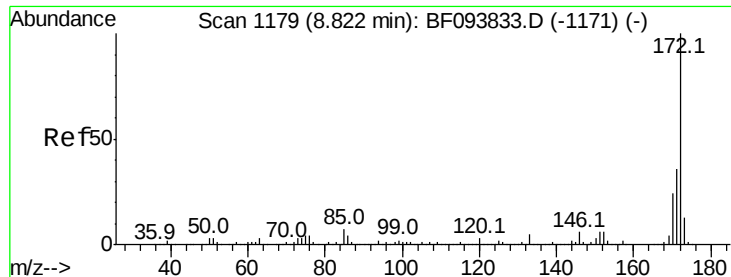


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.57 min

Lab File: BF093941.D
 Acq: 27 Mar 2017 13:49

Tgt Ion	Exp Ratio
330	100
332	95.8
141	39.3

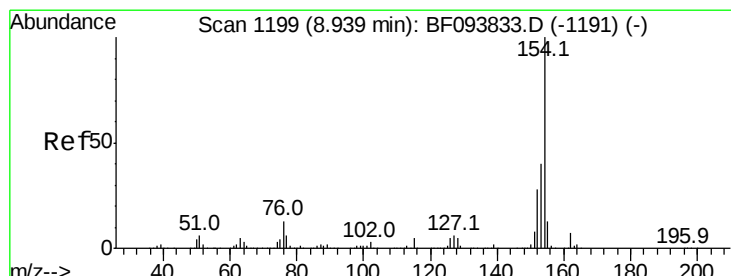
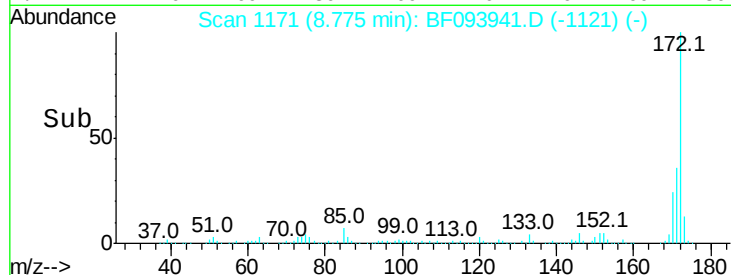
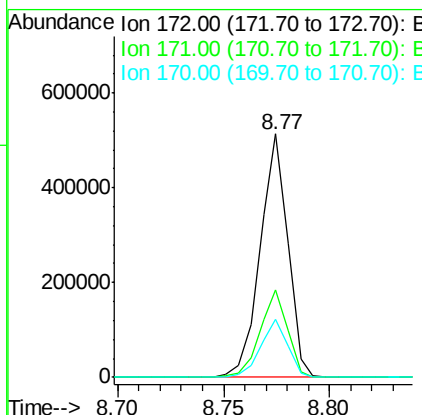
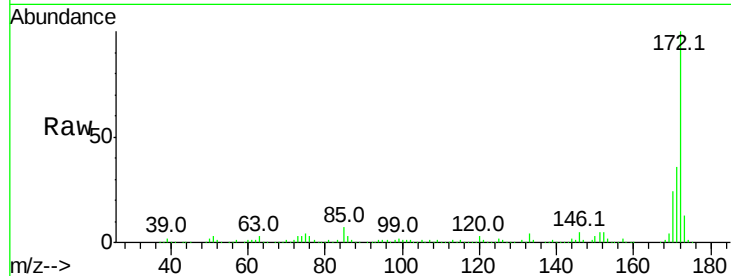




#44
2-Fluorobiphenyl
Concen: 21.05 ng
RT: 8.77 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

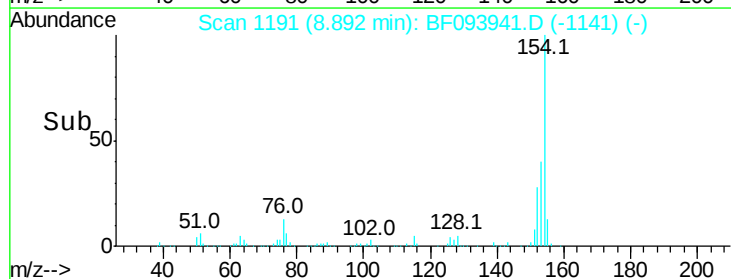
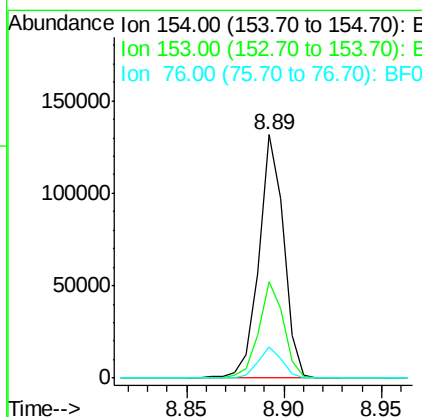
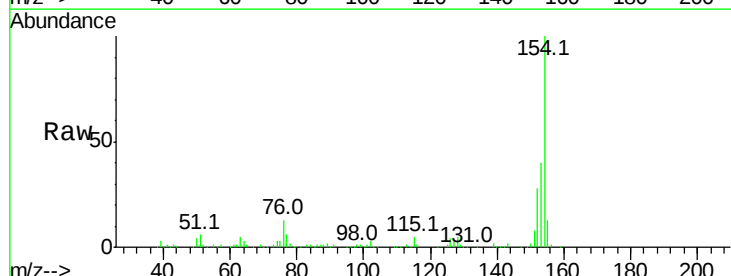
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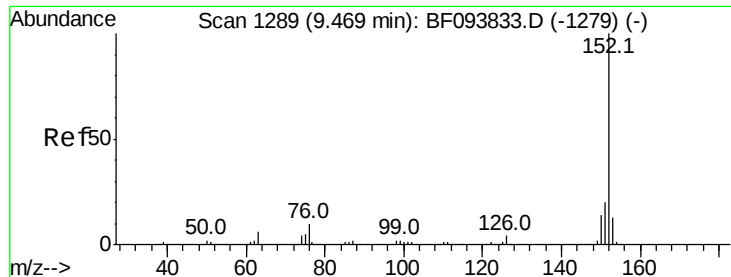
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8



#45
1,1'-Biphenyl
Concen: 4.22 ng
RT: 8.89 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.2	61.2
76	13.0	0.0	29.9





#48

Acenaphthylene

Concen: 11.25 ng

RT: 9.42 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12DL

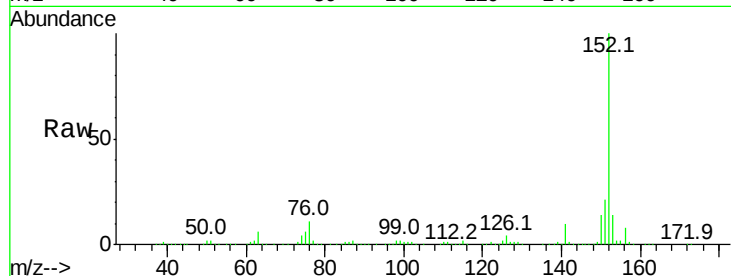
Tot Ion:152 Resp: 400207

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

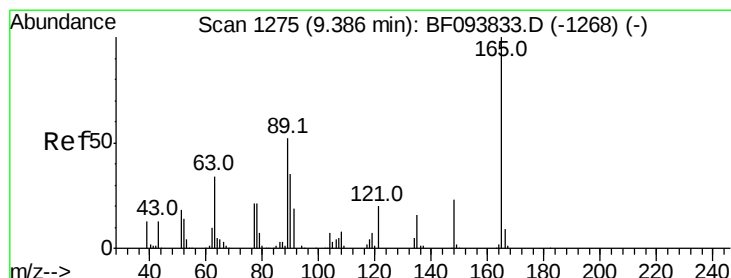
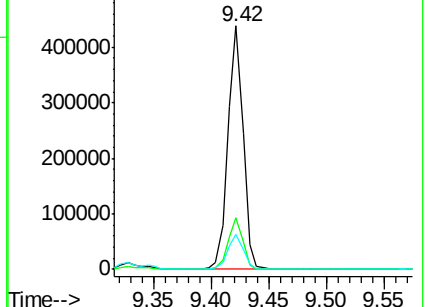
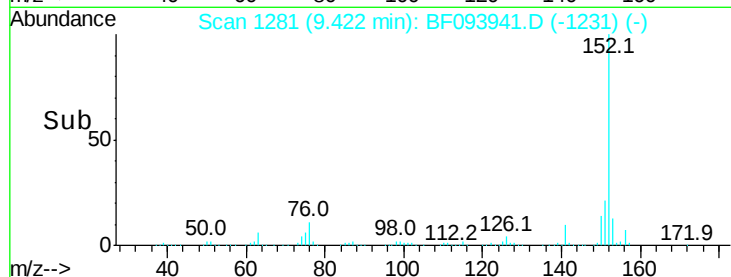
153 14.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 3.33 ng

RT: 9.33 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

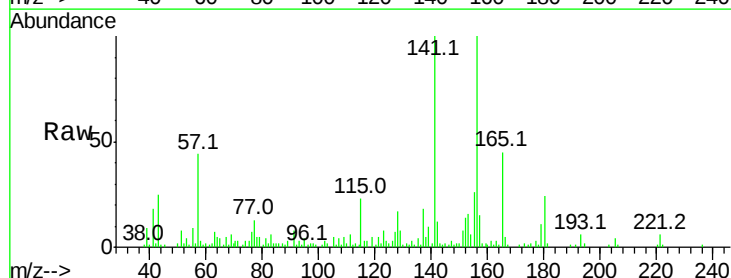
Tgt Ion:165 Resp: 18417

Ion Ratio Lower Upper

165 100

63 14.9 34.3 51.5#

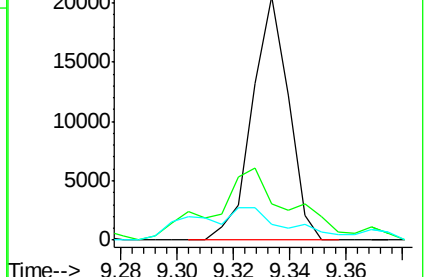
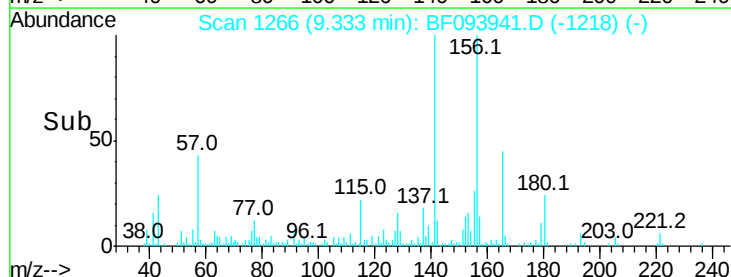
89 6.5 37.1 55.7#

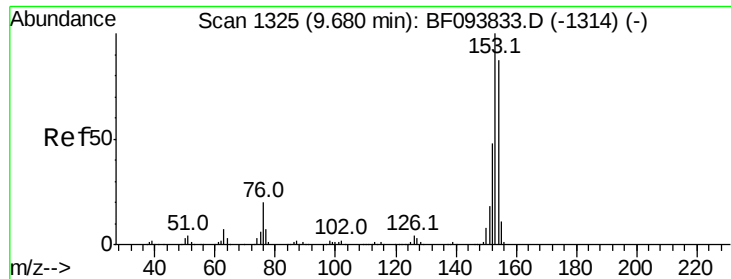


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.14 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12DL

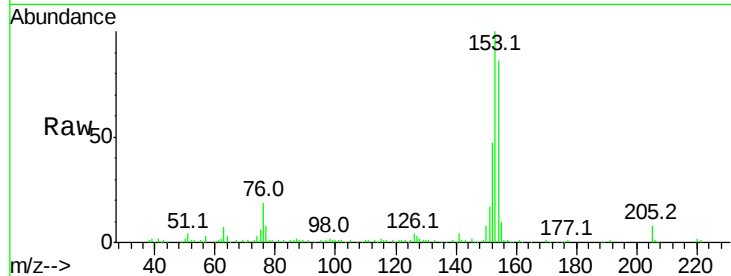
Tot Ion:154 Resp: 85856

Ion Ratio Lower Upper

154 100

153 116.5 90.5 135.7

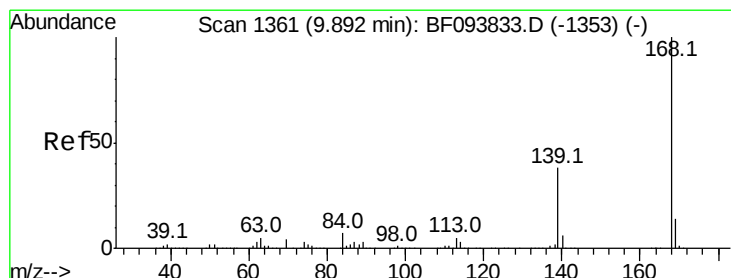
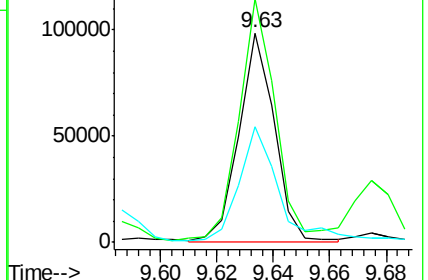
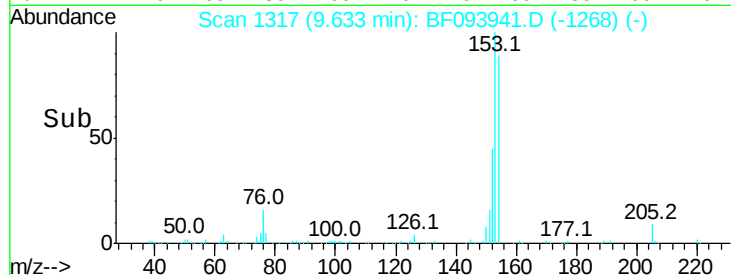
152 55.3 43.6 65.4



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: 13.69 ng

RT: 9.85 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

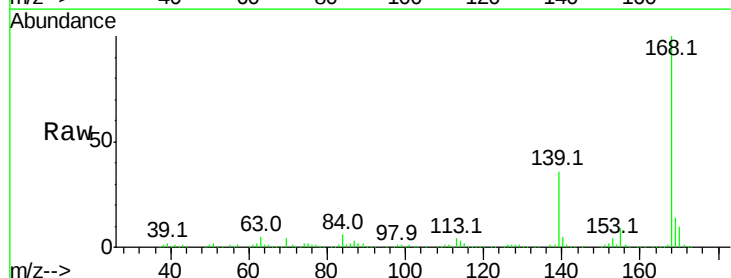
Tgt Ion:168 Resp: 386985

Ion Ratio Lower Upper

168 100

139 36.2 30.6 45.8

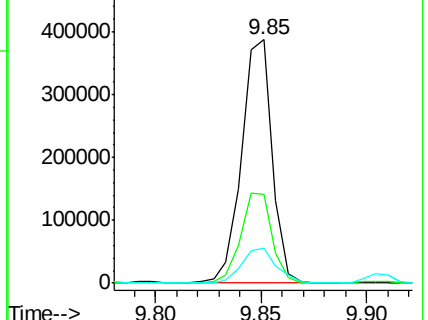
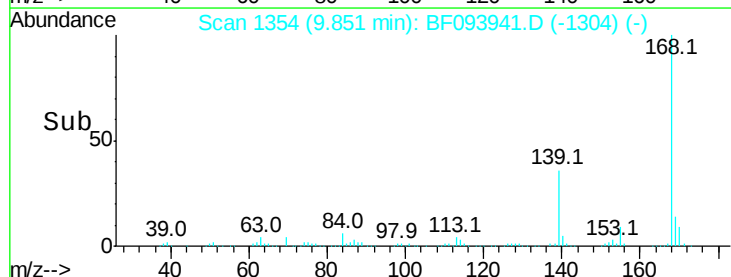
169 14.5 10.8 16.2

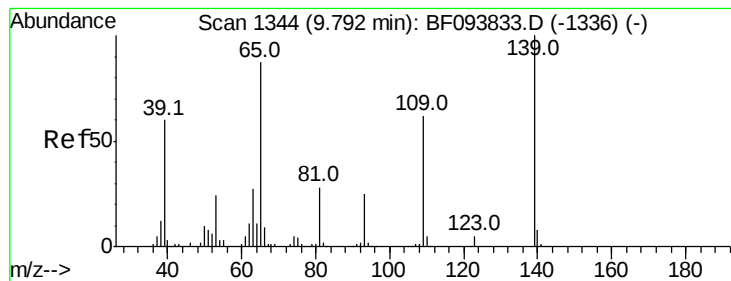


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 29.06 ng

RT: 9.85 min Scan# 1353

Delta R.T. 0.07 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12DL

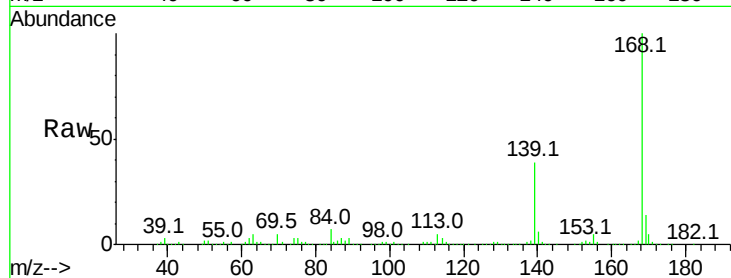
Tot Ion:139 Resp: 147655

Ion Ratio Lower Upper

139 100

109 1.4 34.1 74.1#

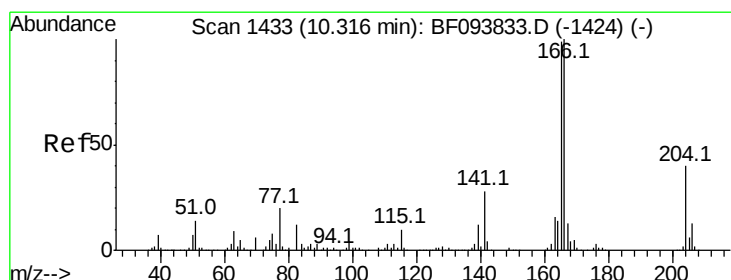
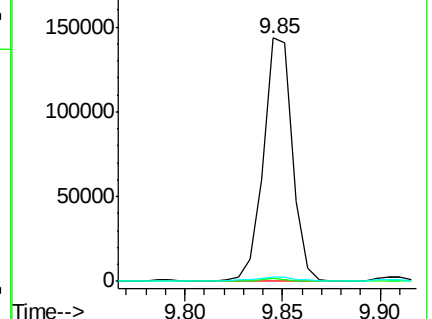
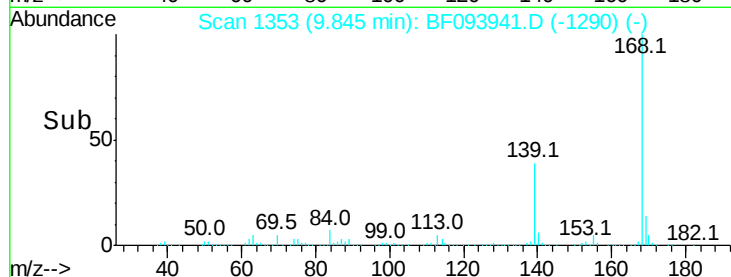
65 1.6 31.4 71.4#



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: 20.77 ng

RT: 10.27 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

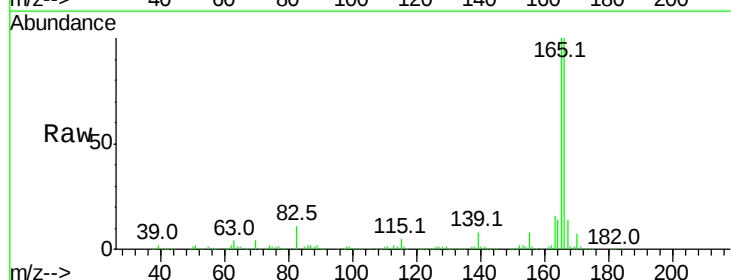
Tgt Ion:166 Resp: 486722

Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

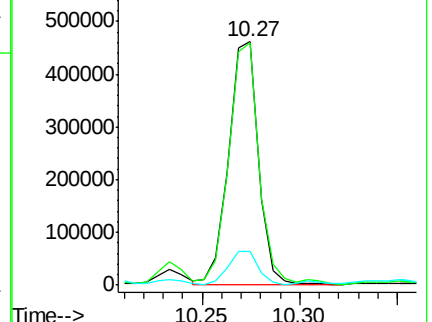
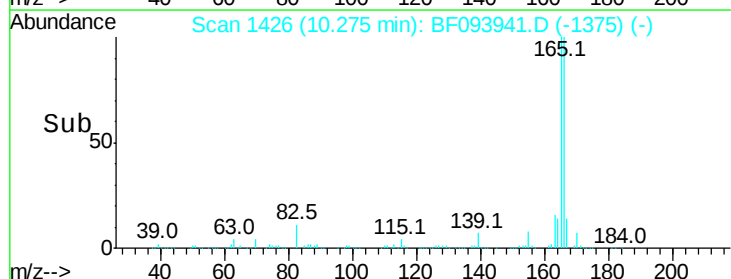
167 14.0 10.6 16.0

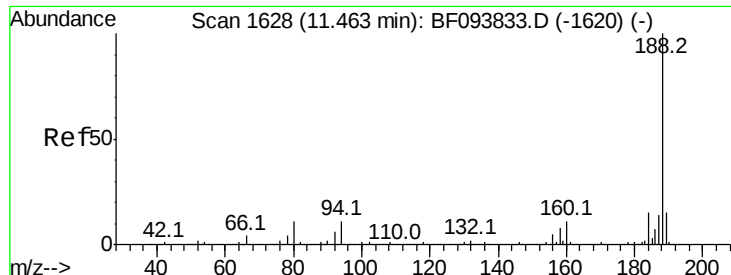


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

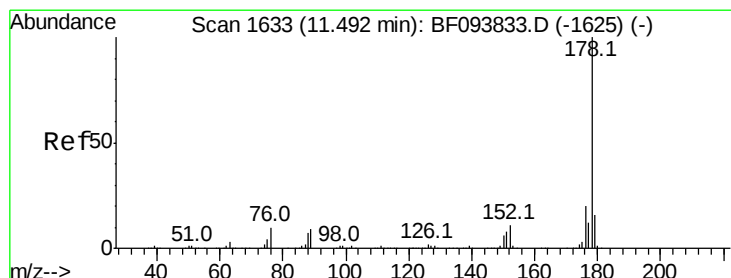
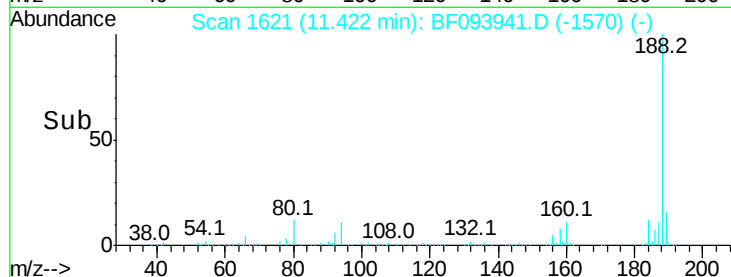
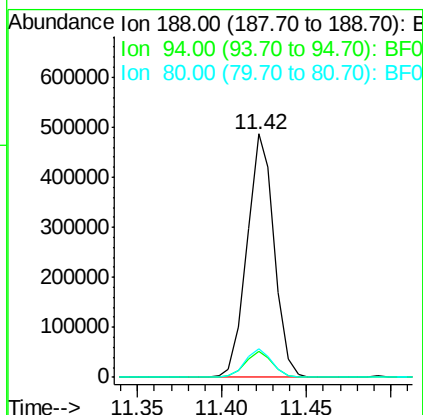
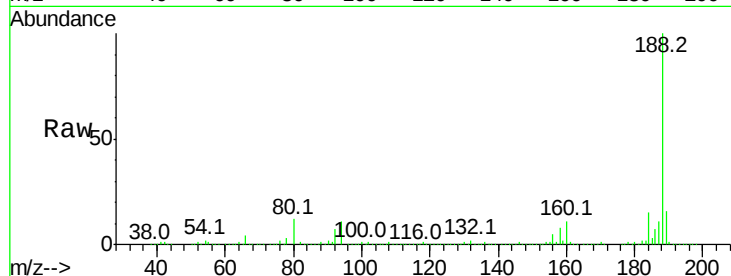




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

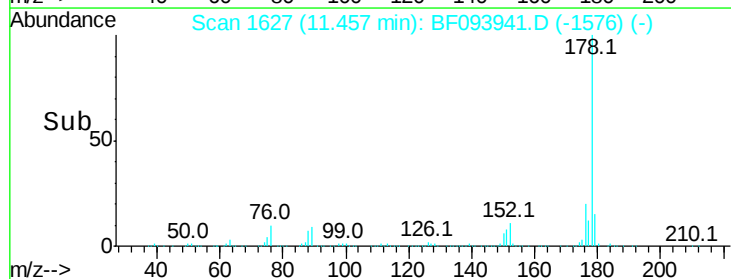
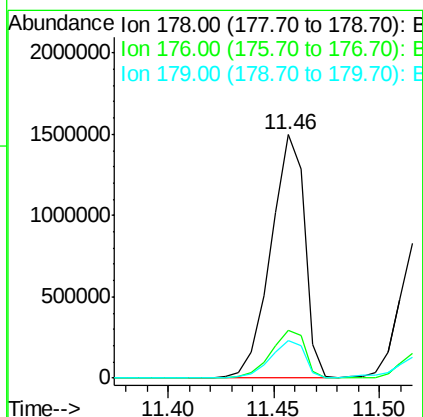
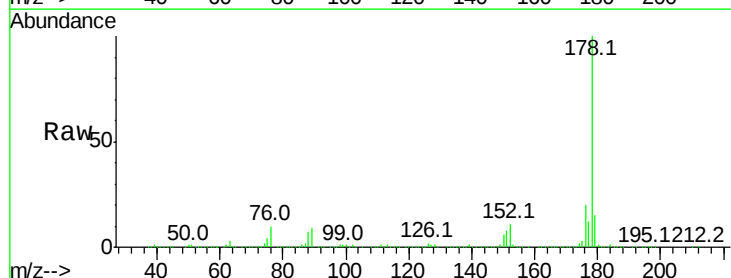
Instrument :
BNA_F
ClientSampleId :
WC-COMP-12DL

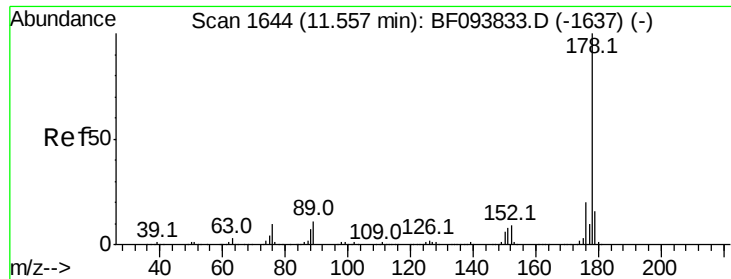
Tot Ion:188 Resp: 543285
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.9 10.2 15.2



#70
Phenanthrene
Concen: 55.20 ng
RT: 11.46 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

Tgt Ion:178 Resp: 1668164
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.4 12.6 19.0

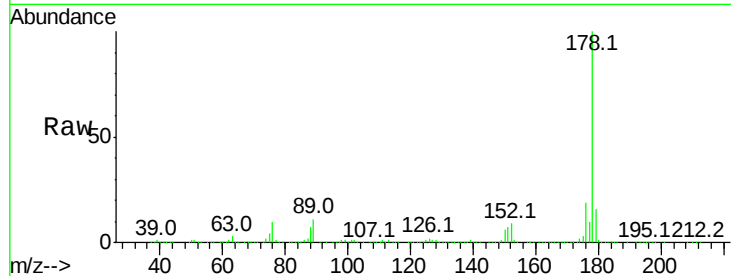




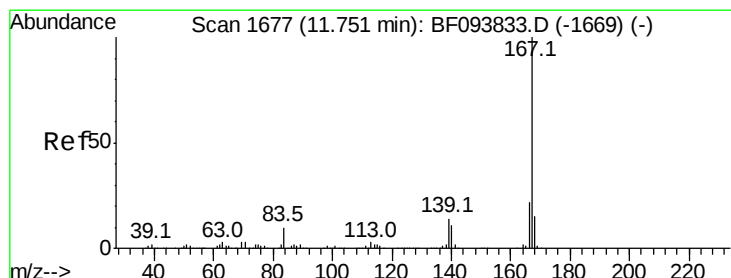
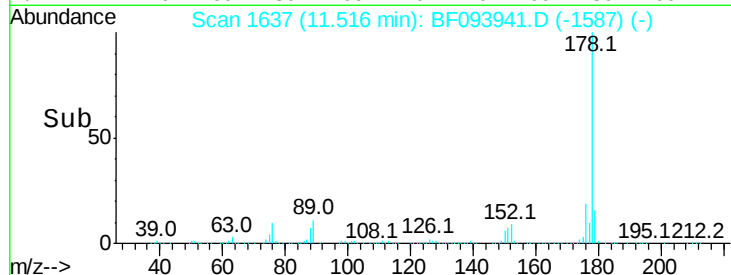
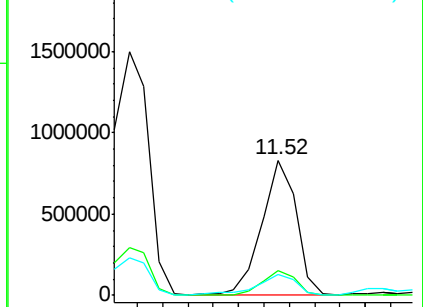
#71
 Anthracene
 Concen: 25.38 ng
 RT: 11.52 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BF093941.D
 Acq: 27 Mar 2017 13:49

Instrument :
 BNA_F
 ClientSampleID :
 WC-COMP-12DL

Tot Ion:178 Resp: 789816
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 12.7 19.1

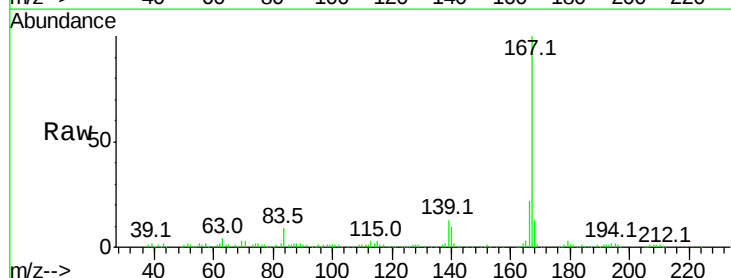


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

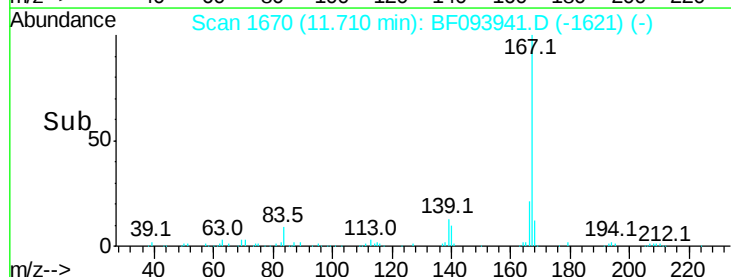
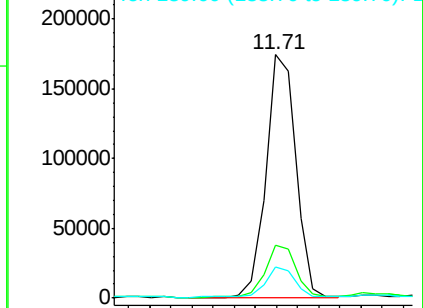


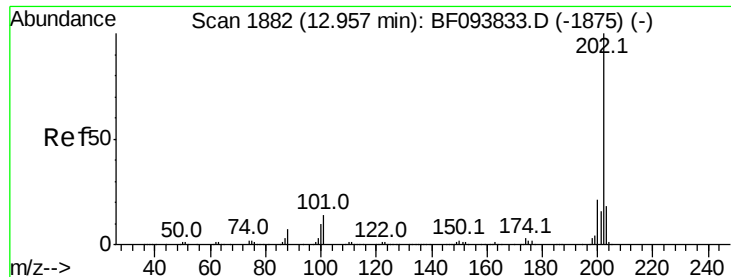
#72
 Carbazole
 Concen: 5.37 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093941.D
 Acq: 27 Mar 2017 13:49

Tgt Ion:167 Resp: 171491
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.1 11.7 17.5



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: 45.99 ng

RT: 12.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12DL

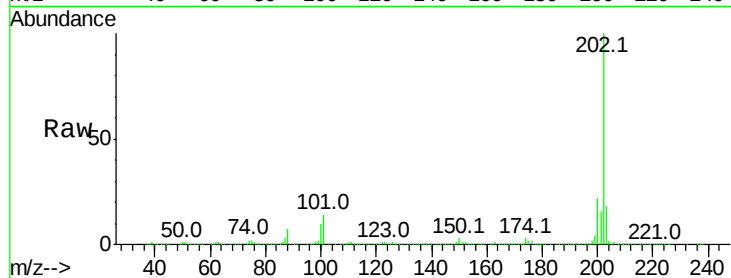
Tot Ion:202 Resp: 1423166

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

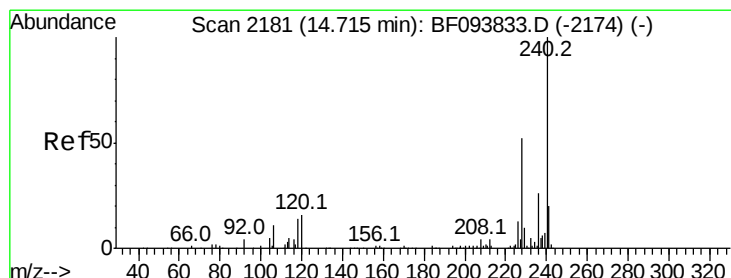
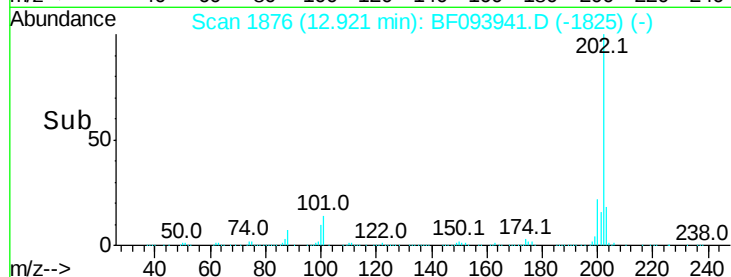
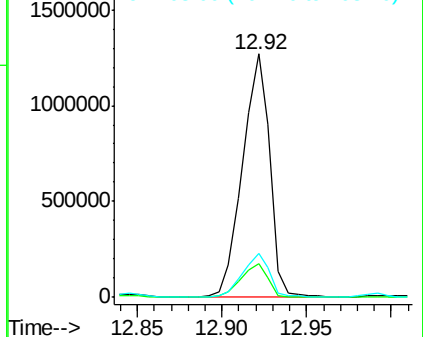
203 18.1 0.0 38.1



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: 14.68 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

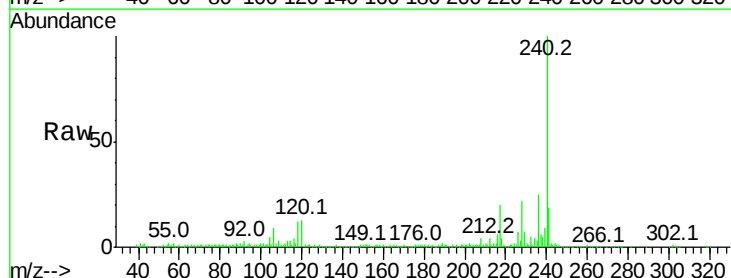
Tgt Ion:240 Resp: 328052

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

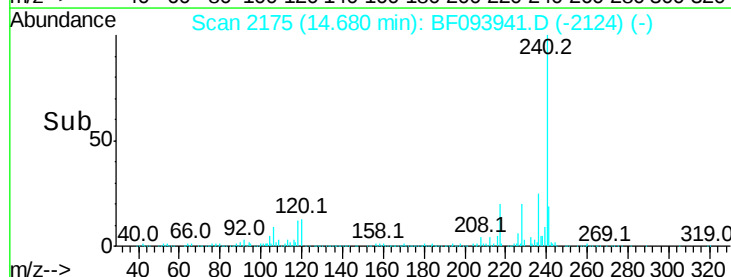
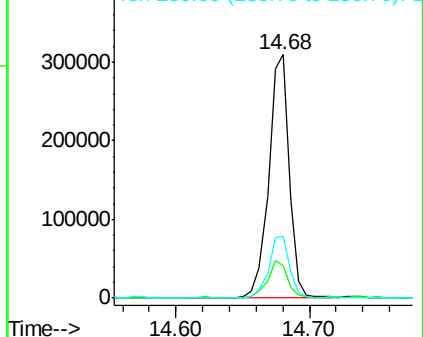
236 25.3 20.5 30.7

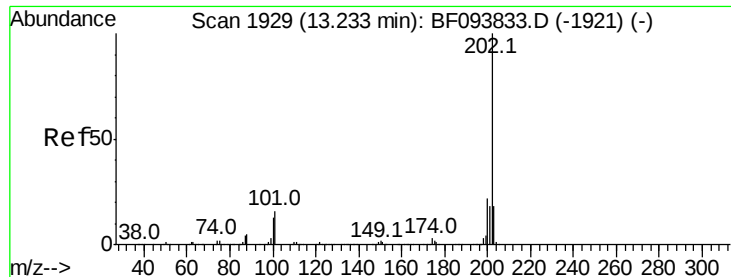


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

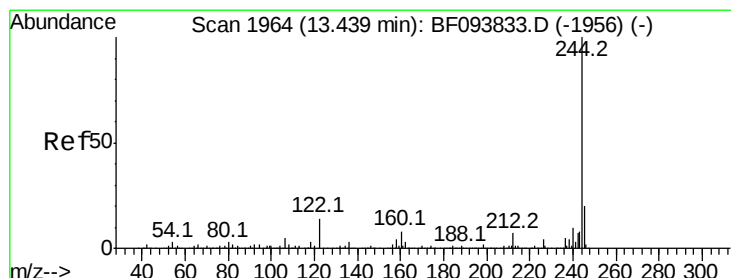
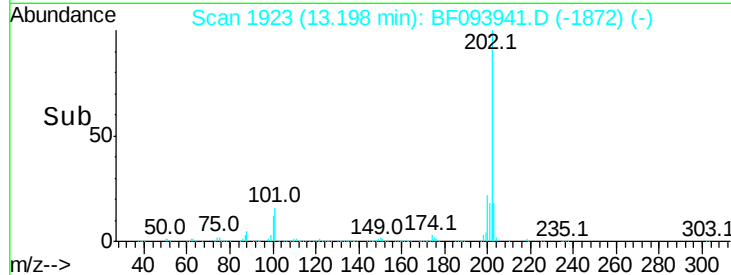
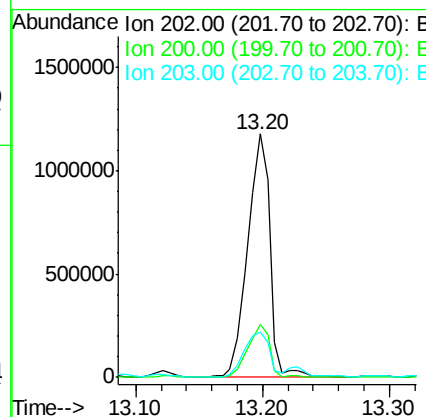
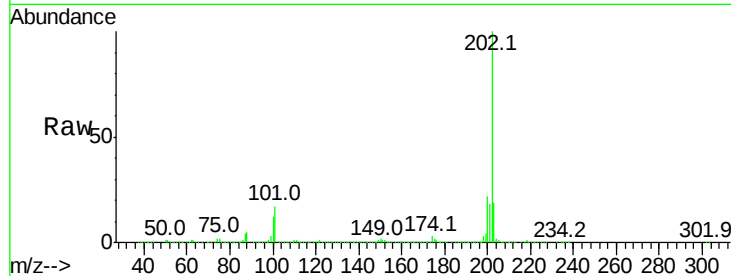




#77
Pvrene
Concen: 59.92 ng
RT: 13.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

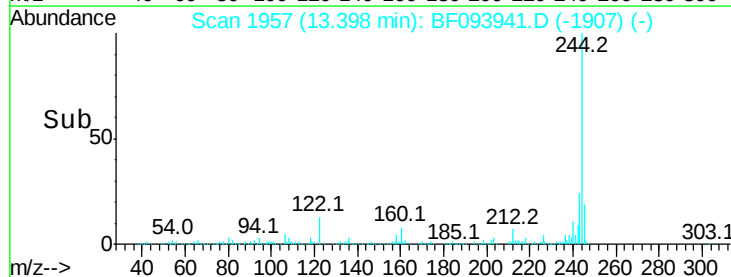
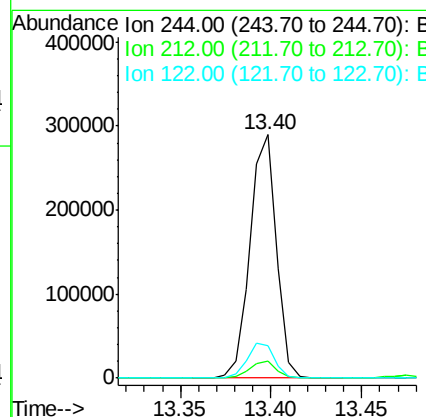
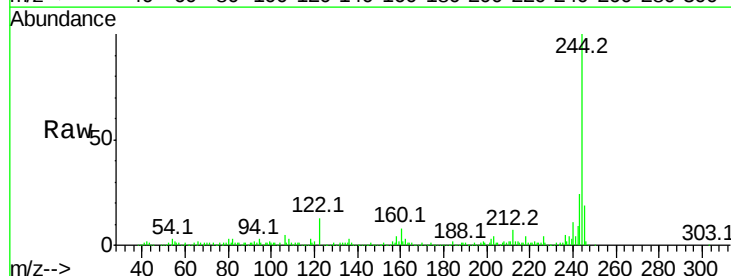
Instrument :
BNA_F
ClientSampleId :
WC-COMP-12DL

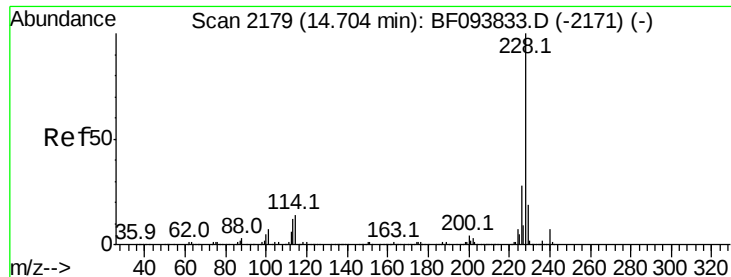
Tot Ion:202 Resp: 1426560
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.6 14.4 21.6



#78
Terphenyl-d14
Concen: 20.00 ng
RT: 13.40 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

Tgt Ion:244 Resp: 292666
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 13.2 10.3 15.5

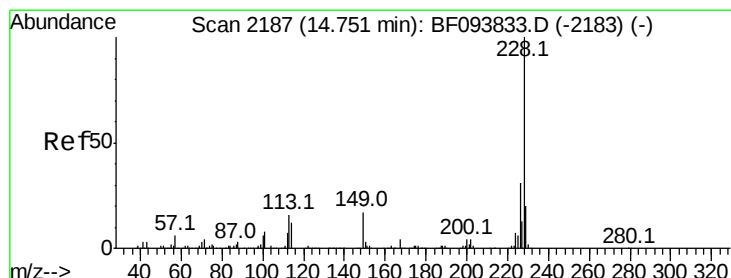
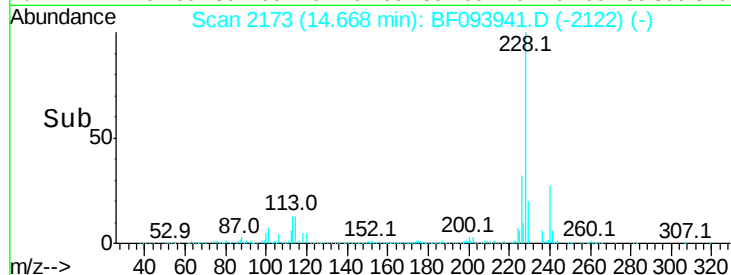
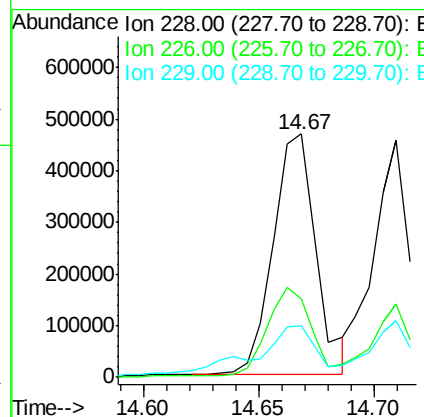
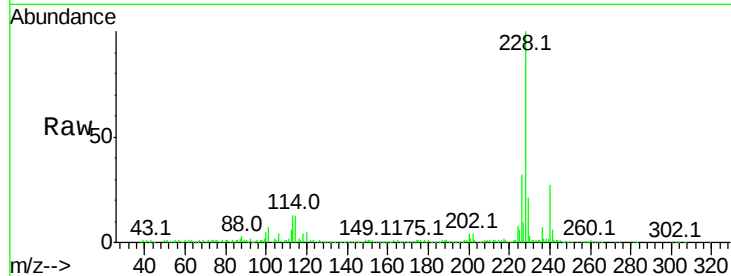




#80
Benzo(a)anthracene
Concen: 31.42 ng
RT: 14.67 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

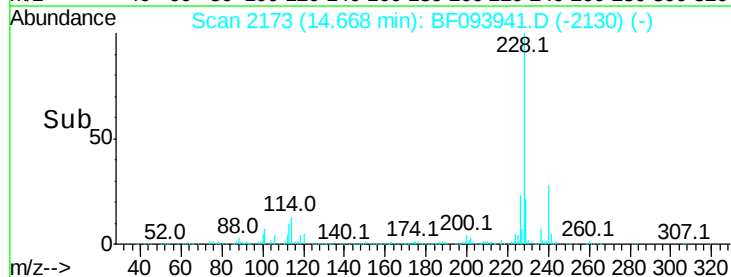
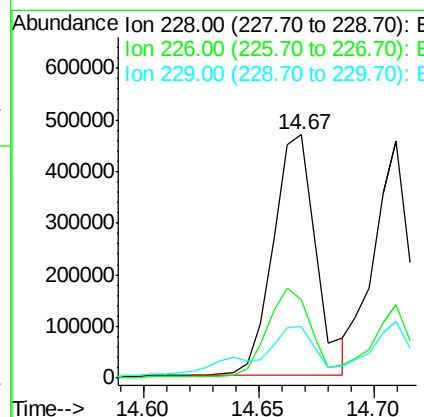
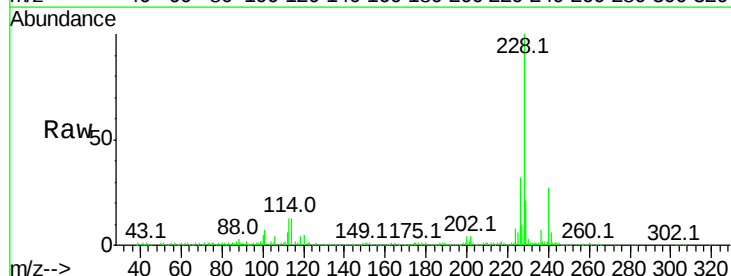
Instrument :
BNA_F
ClientSampleId :
WC-COMP-12DL

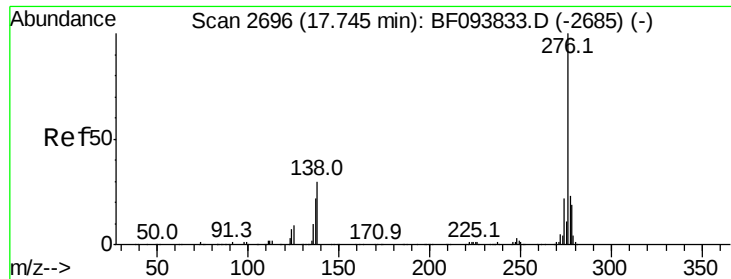
Tot Ion:228 Resp: 601104
Ion Ratio Lower Upper
228 100
226 32.4 22.6 33.8
229 21.3 16.3 24.5



#82
Chrysene
Concen: 33.86 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.05 min
Lab File: BF093941.D
Acq: 27 Mar 2017 13:49

Tgt Ion:228 Resp: 601104
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 21.3 15.8 23.6

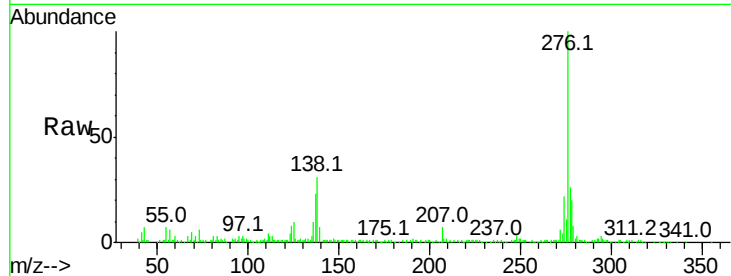




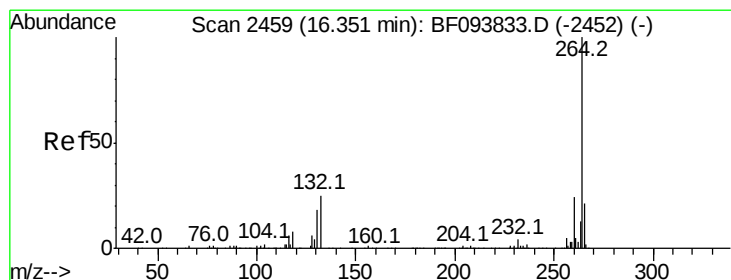
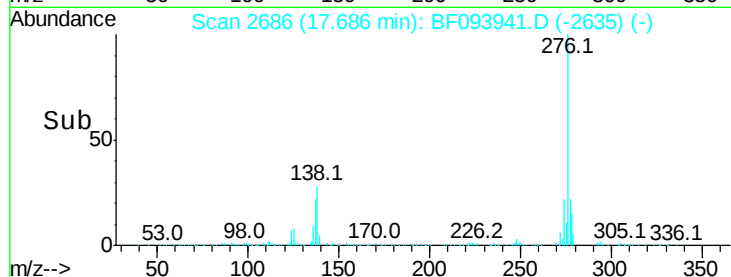
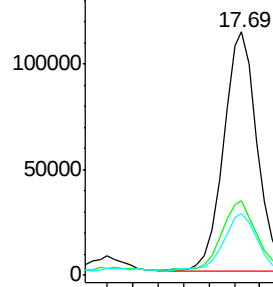
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.73 ng
 RT: 17.69 min Scan# 2686
 Delta R.T. 0.00 min
 Lab File: BF093941.D
 Acq: 27 Mar 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-12DL

Tot Ion:276 Resp: 211100
 Ion Ratio Lower Upper
 276 100
 138 30.5 27.8 41.6
 277 26.1 20.2 30.4

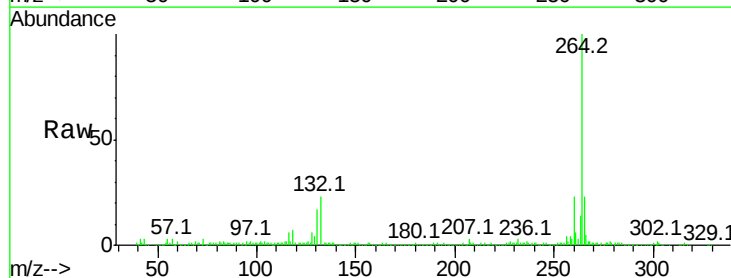


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

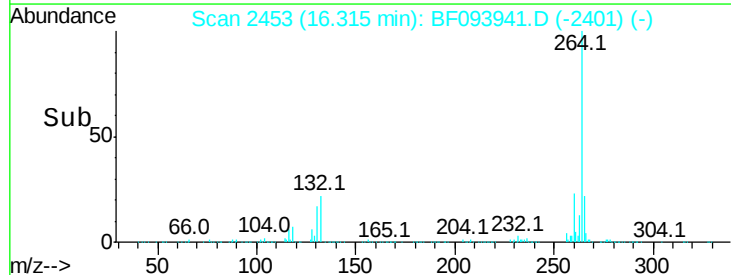
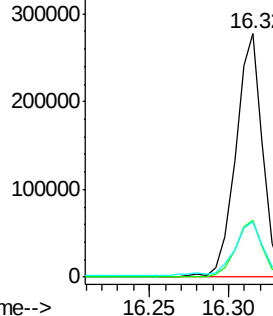


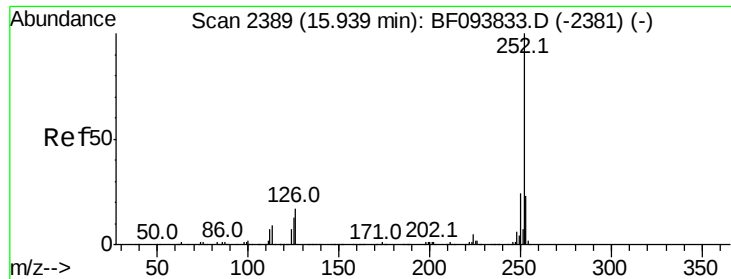
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.32 min Scan# 2453
 Delta R.T. 0.01 min
 Lab File: BF093941.D
 Acq: 27 Mar 2017 13:49

Tgt Ion:264 Resp: 324895
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.6 17.2 25.8



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: 34.82 ng

RT: 15.90 min Scan# 2383

Delta R.T. 0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12DL

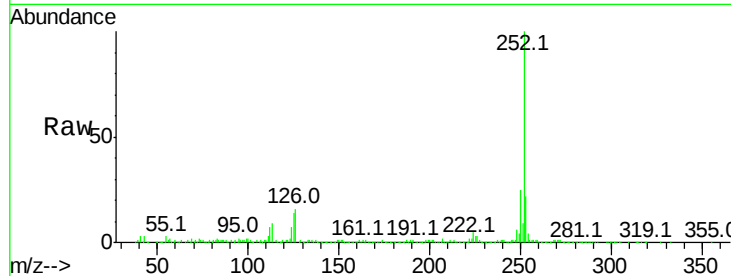
Tot Ion:252 Resp: 693512

Ion Ratio Lower Upper

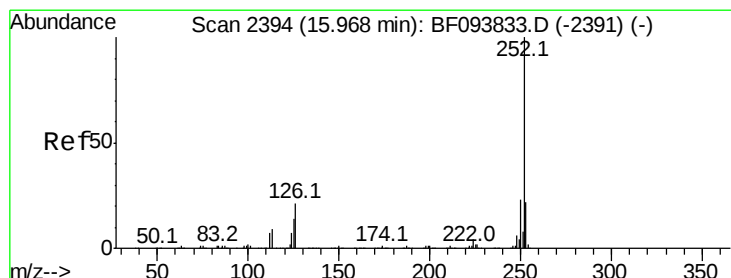
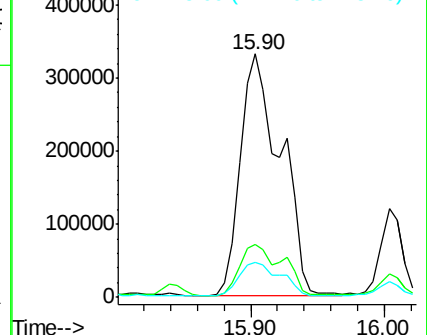
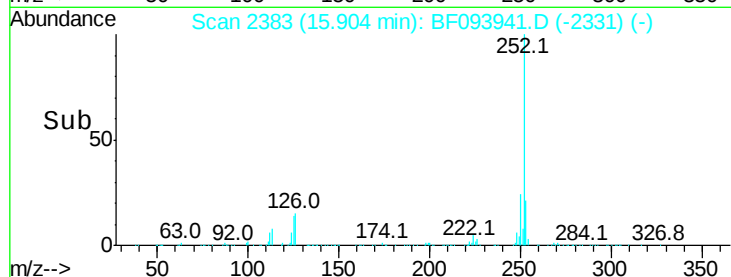
252 100

253 22.0 18.1 27.1

125 14.5 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 35.59 ng

RT: 15.90 min Scan# 2383

Delta R.T. -0.03 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

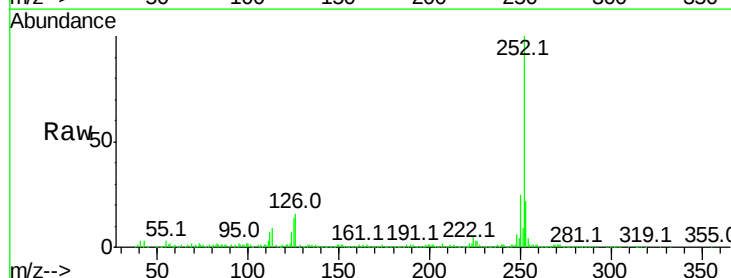
Tgt Ion:252 Resp: 693512

Ion Ratio Lower Upper

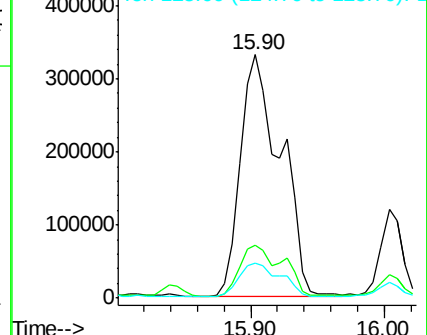
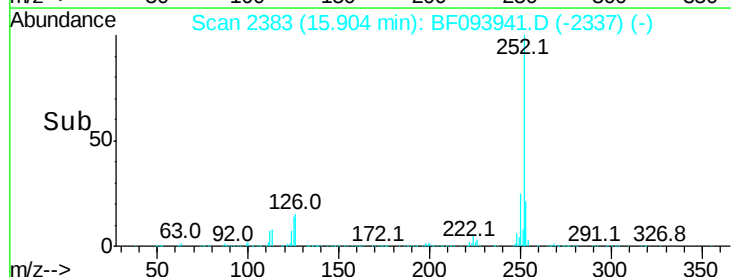
252 100

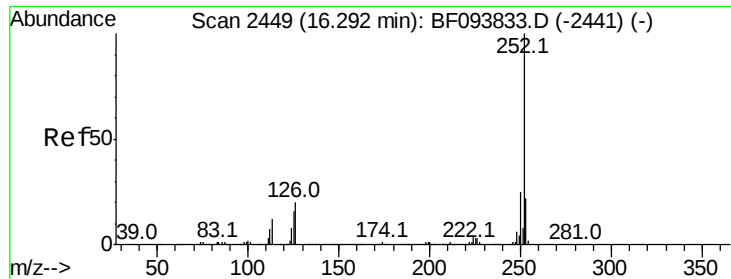
253 22.0 18.4 27.6

125 14.5 13.1 19.7



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





#89

Benzo(a)pyrene

Concen: 24.13 ng

RT: 16.25 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

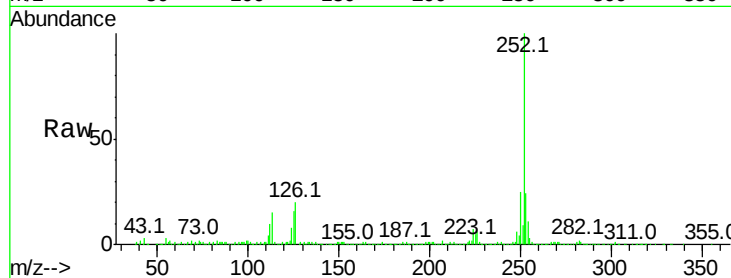
BNA_F

ClientSampleId :

WC-COMP-12DL

Tot Ion:252 Resp: 442612

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	16.1	11.0	16.4

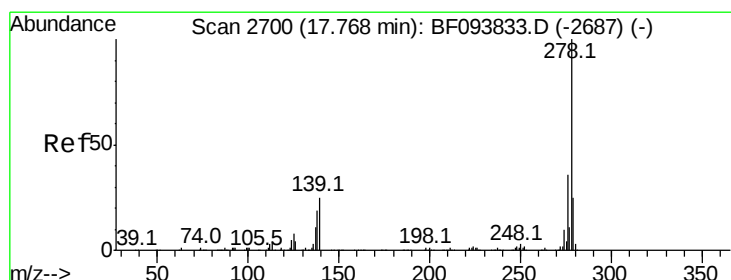
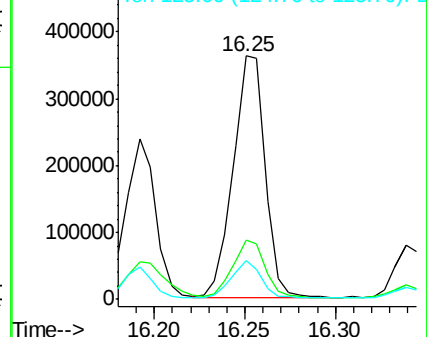
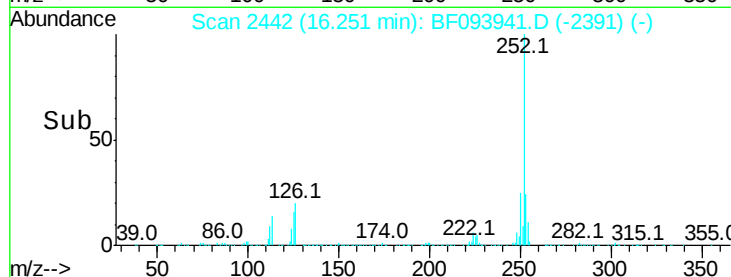


Abundance

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: 3.66 ng

RT: 17.70 min Scan# 2688

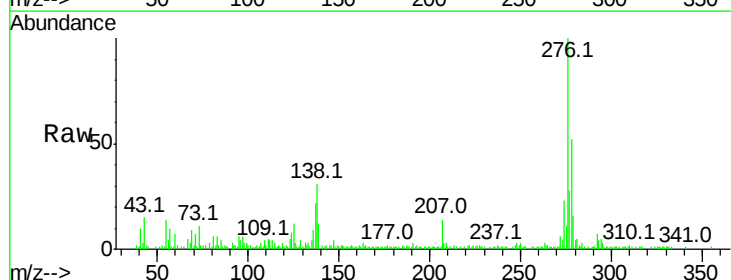
Delta R.T. -0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Tgt Ion:278 Resp: 56916

Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.6	24.8
279	30.9	19.3	28.9

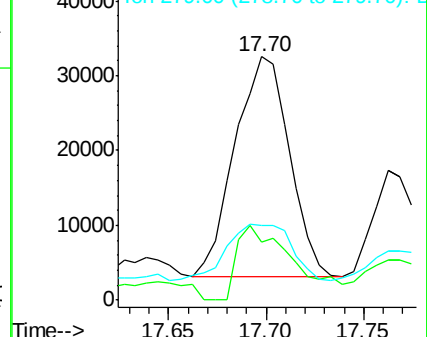
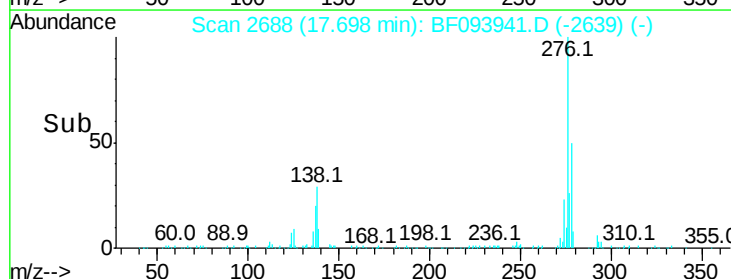


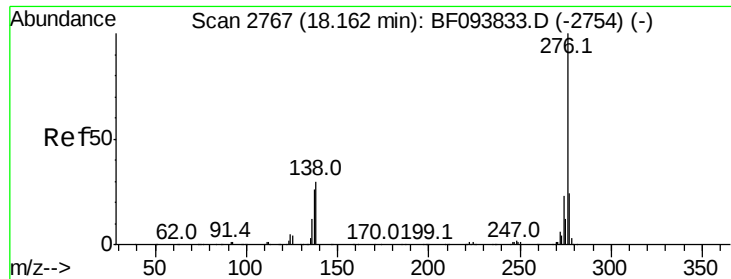
Abundance

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(a,h,i)perylene

Concen: 13.37 ng

RT: 18.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BF093941.D

Acq: 27 Mar 2017 13:49

Instrument :

BNA_F

ClientSampleId :

WC-COMP-12DL

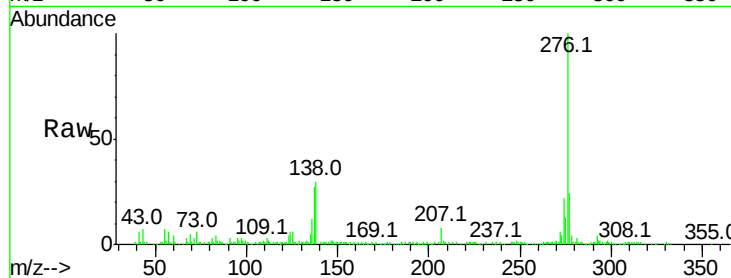
Tot Ion: 276 Resp: 209203

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 30.3 25.4 38.0



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

