

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093585.D
 Acq On : 11 Mar 2017 23:27
 Operator : SJ/MA
 Sample : I2106-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB413B

Quant Time: Mar 13 17:40:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155621	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	588734	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	256885	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	417416	20.00	ng	0.00
75) Chrysene-d12	13.89	240	313037	20.00	ng	0.00
86) Perylene-d12	15.29	264	277061	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	425786	45.54	ng	0.00
7) Phenol-d6	6.38	99	616139	52.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	336698	31.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	80723	48.23	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	525183	38.03	ng	-0.01
78) Terphenyl-d14	12.83	244	332858	27.65	ng	0.00

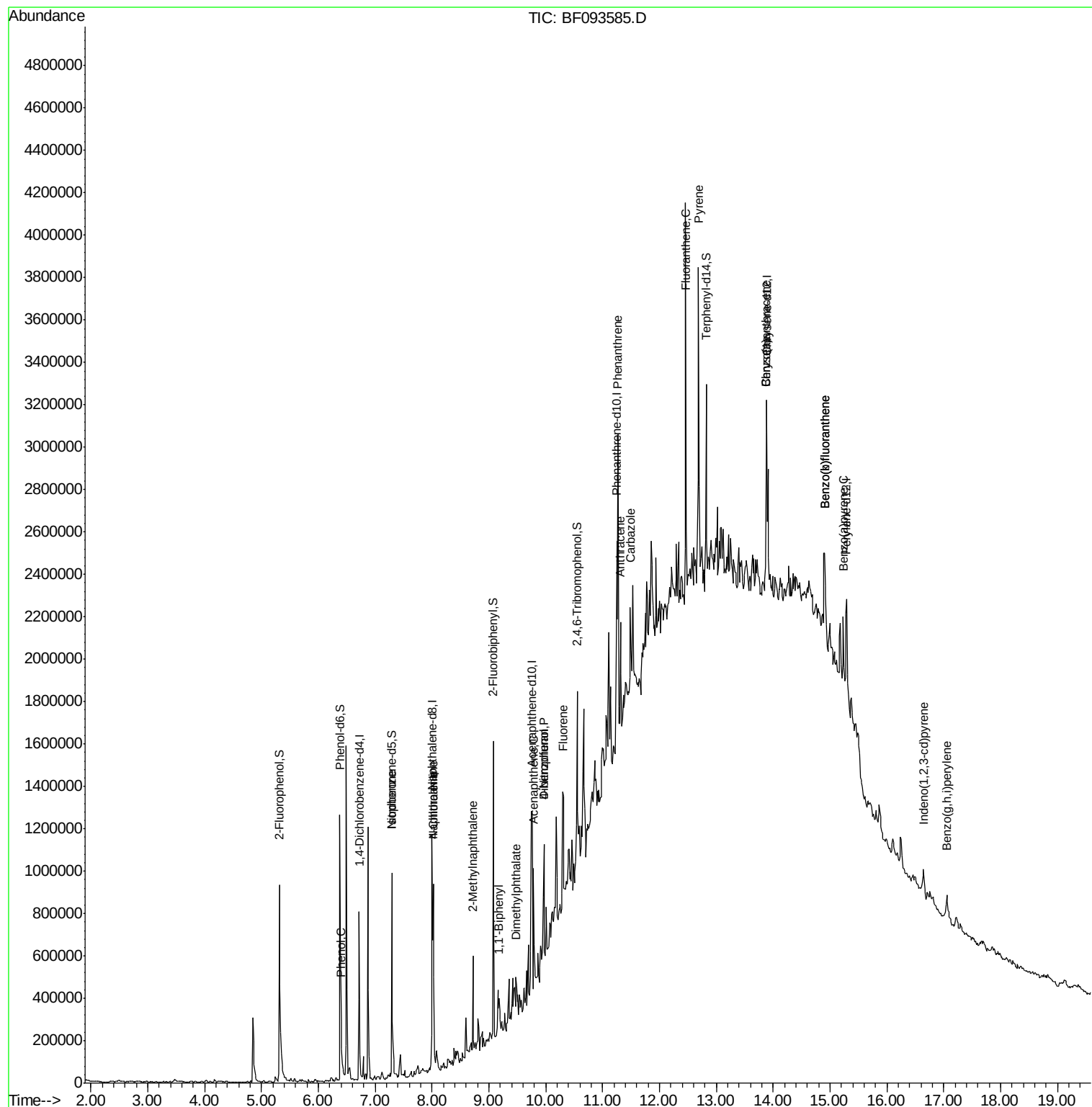
Target Compounds				Qvalue		
9) Benzaldehyde	6.26	77	512	Below Cal	#	1
10) Phenol	6.40	94	31186	2.16	ng	90
25) Isophorone	7.29	82	331248	15.48	ng	# 65
31) Naphthalene	8.02	128	417845	14.16	ng	# 99
33) 4-Chloroaniline	8.02	127	55791	4.66	ng	# 33
37) 2-Methylnaphthalene	8.72	142	125539	6.69	ng	96
45) 1,1'-Biphenyl	9.18	154	57866	3.09	ng	95
49) Dimethylphthalate	9.49	163	51013	3.00	ng	# 98
51) Acenaphthene	9.78	154	125301	8.97	ng	97
54) Dibenzofuran	9.97	168	260687	14.91	ng	91
55) 4-Nitrophenol	9.97	139	96331	44.18	ng	# 13
57) Fluorene	10.31	166	196546	13.27	ng	98
70) Phenanthrene	11.27	178	682684	28.65	ng	98
71) Anthracene	11.32	178	301524	12.51	ng	97
72) Carbazole	11.49	167	58311	2.58	ng	# 84
74) Fluoranthene	12.46	202	868978	37.76	ng	98
77) Pyrene	12.69	202	778580	34.20	ng	99
80) Benzo(a)anthracene	13.88	228	376203	20.35	ng	97
82) Chrysene	13.88	228	376203	22.00	ng	94
85) Indeno(1,2,3-cd)pyrene	16.64	276	88738	6.20	ng	95
87) Benzo(b)fluoranthene	14.91	252	414334	24.55	ng	# 89
88) Benzo(k)fluoranthene	14.91	252	414334	25.46	ng	# 89
89) Benzo(a)pyrene	15.24	252	192835	12.50	ng	# 89
91) Benzo(g,h,i)perylene	17.05	276	80944	6.18	ng	# 85

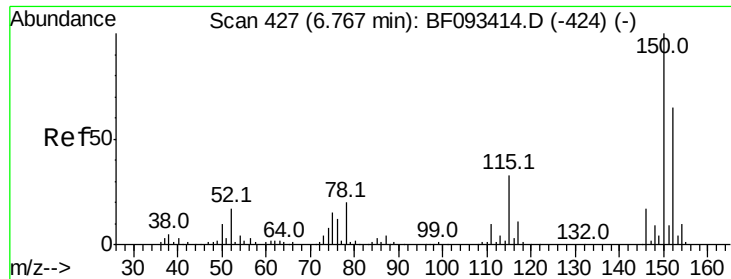
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

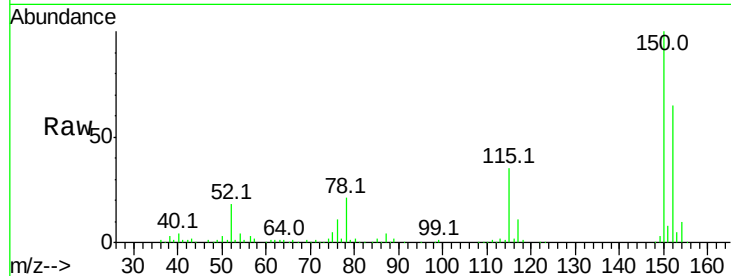
Tot Ion:152 Resp: 155621

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

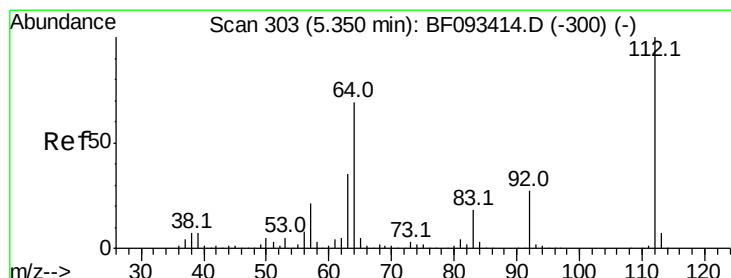
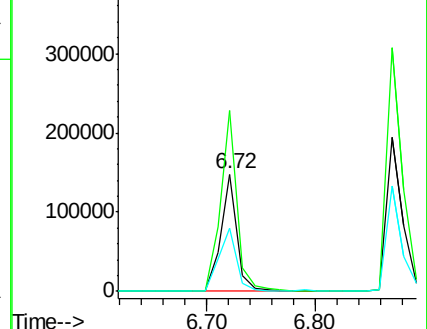
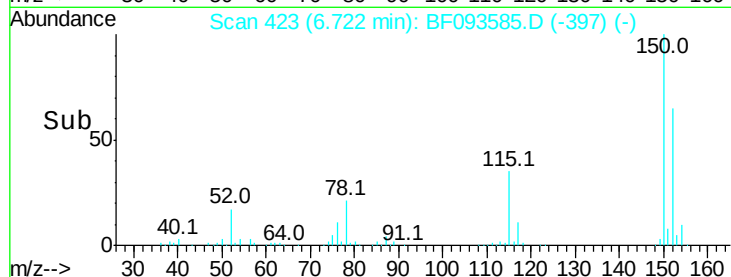
115 53.8 46.0 69.0



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: 45.54 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

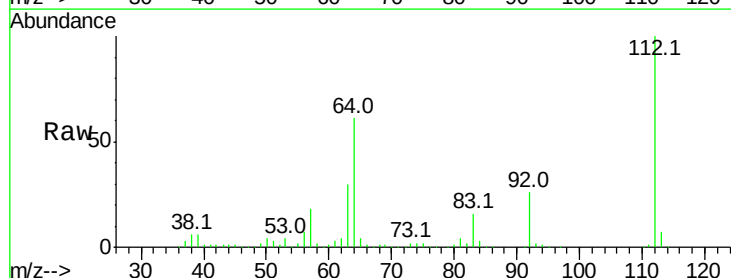
Tgt Ion:112 Resp: 425786

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

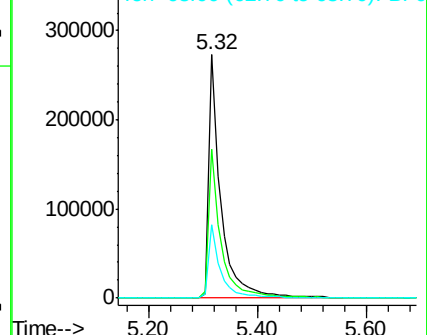
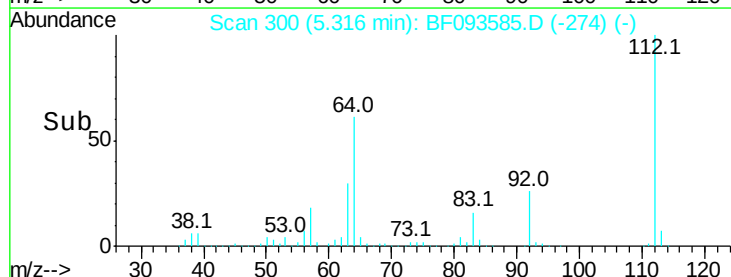
63 30.2 23.8 35.6

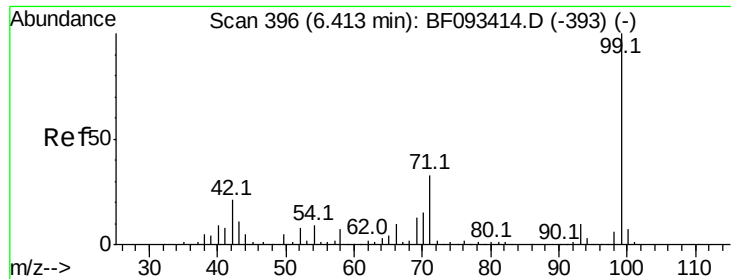


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.25 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

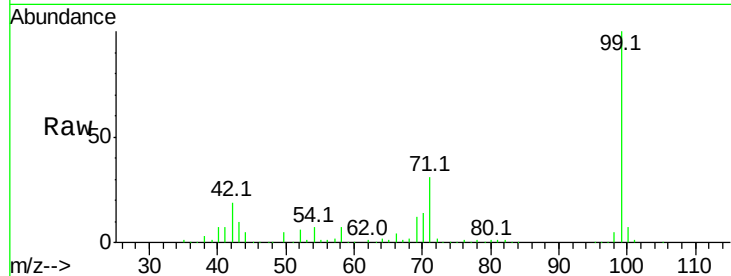
Tot Ion: 99 Resp: 616139

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

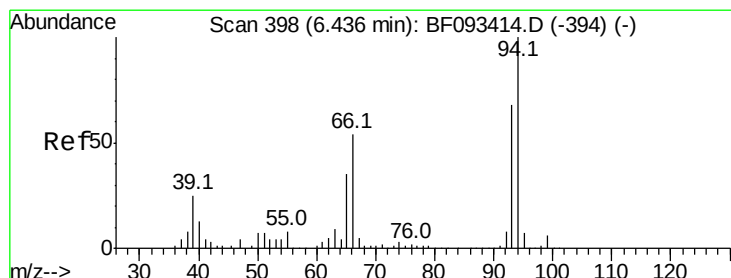
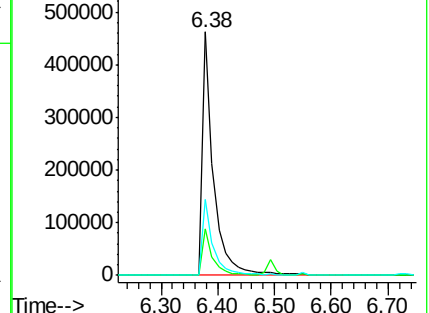
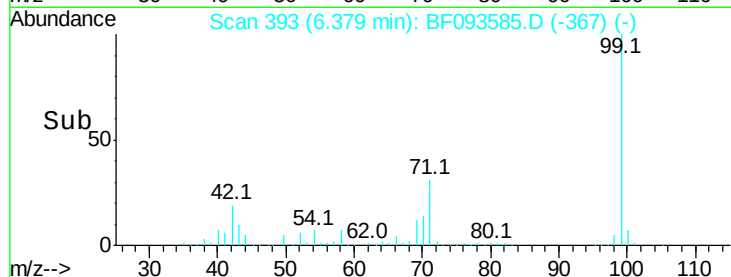
71 31.1 27.5 41.3



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: 2.16 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

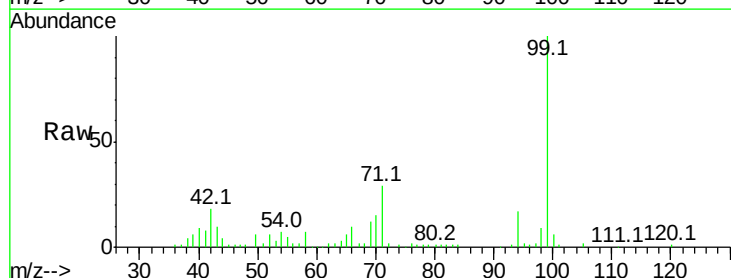
Tgt Ion: 94 Resp: 31186

Ion Ratio Lower Upper

94 100

65 35.3 21.4 61.4

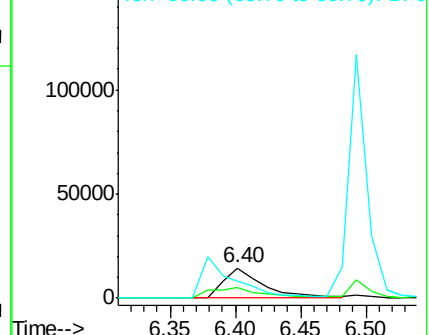
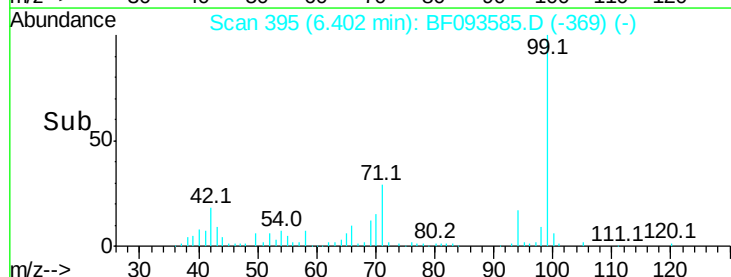
66 55.6 44.0 84.0

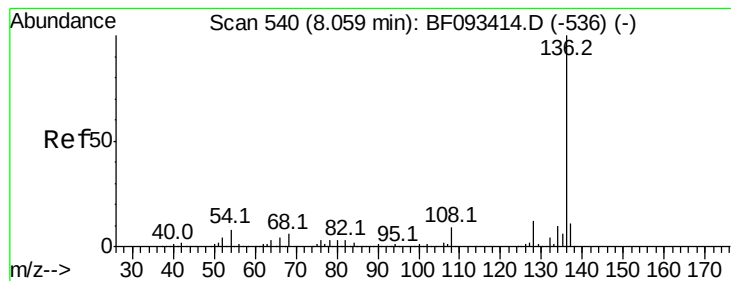


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

Tot Ion:136 Resp: 588734

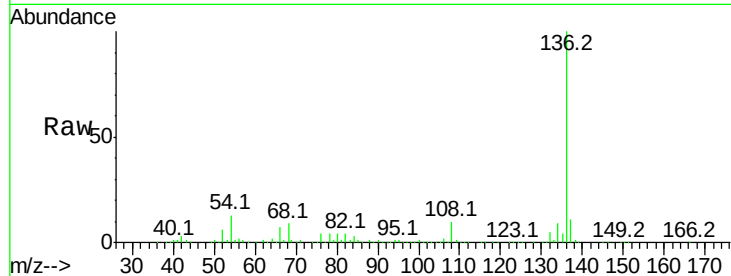
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.8 4.5 6.7#

68 8.7 3.6 5.4#

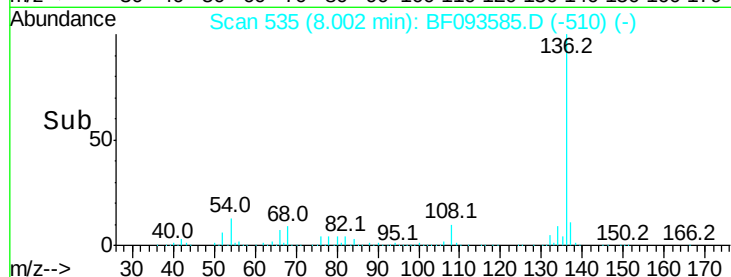


Abundance Ion 136.00 (135.70 to 136.70): E

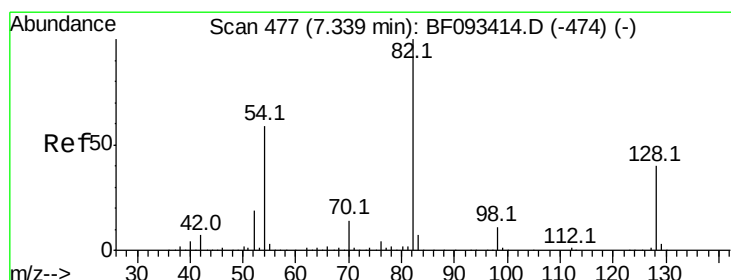
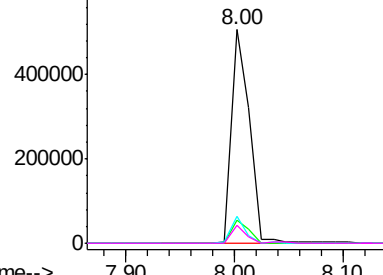
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 31.73 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

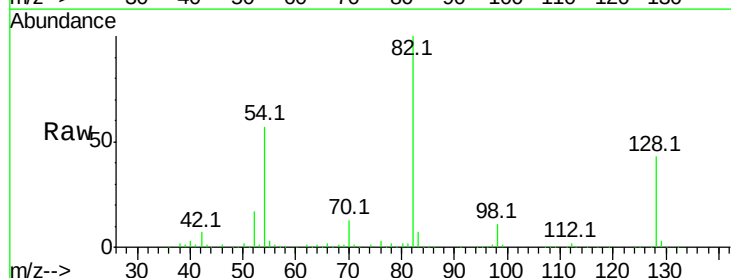
Tgt Ion: 82 Resp: 336698

Ion Ratio Lower Upper

82 100

128 43.3 34.6 52.0

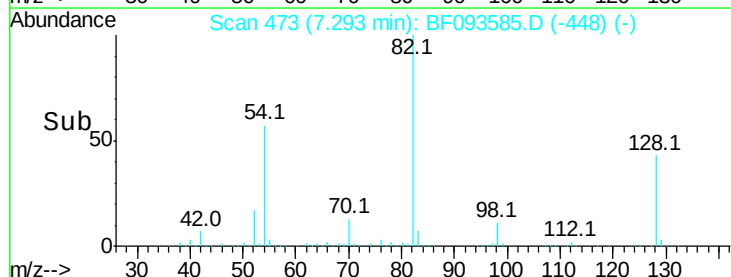
54 57.1 39.5 59.3



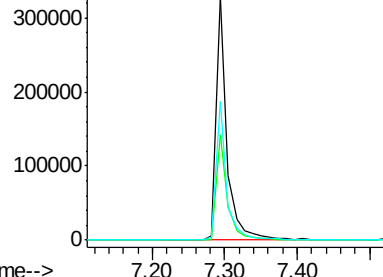
Abundance Ion 82.00 (81.70 to 82.70): BF0

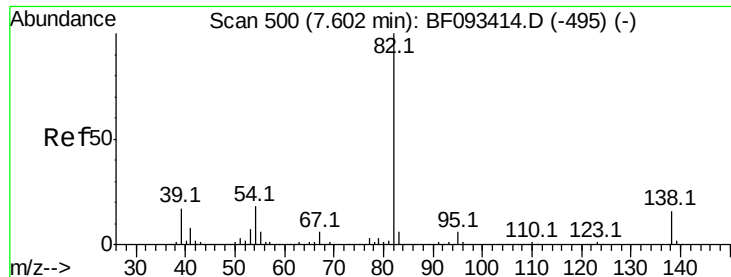
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 15.48 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

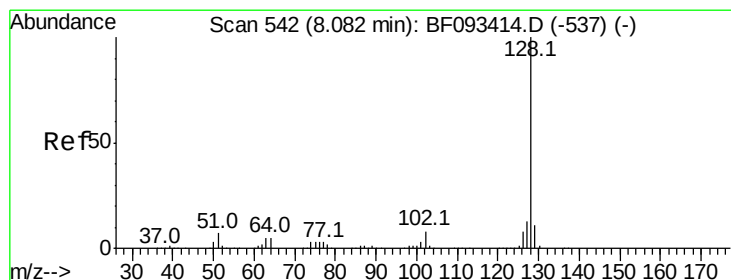
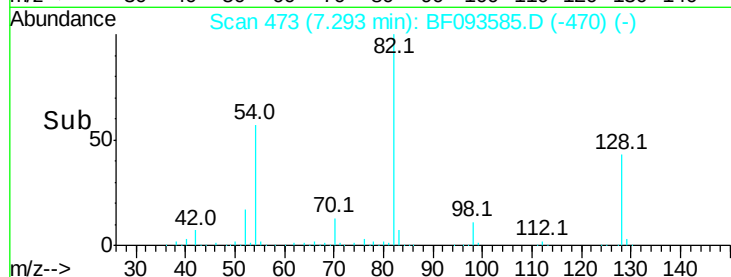
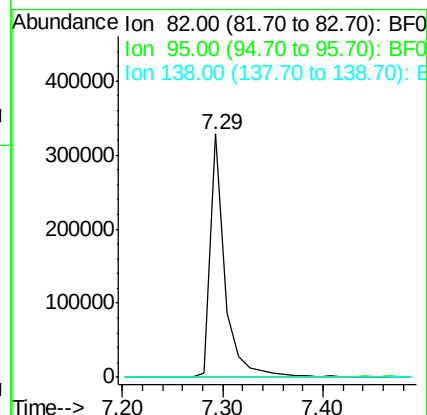
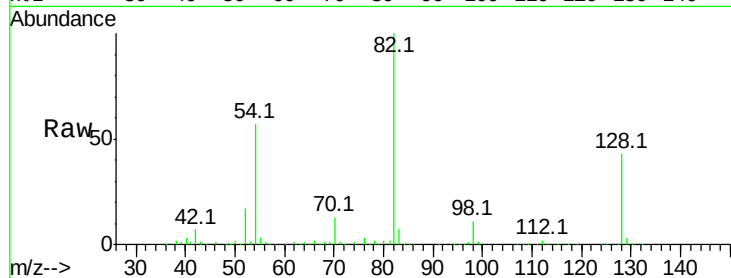
Tot Ion: 82 Resp: 331248

Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

138 0.0 14.6 22.0#



#31

Naphthalene

Concen: 14.16 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

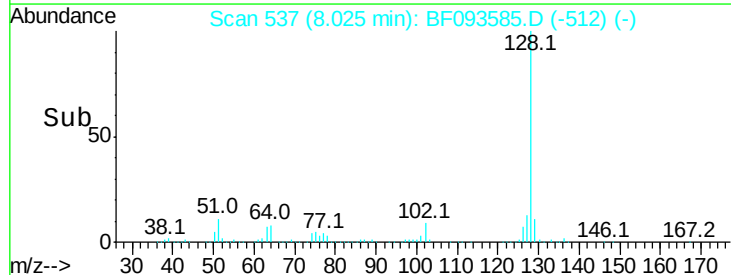
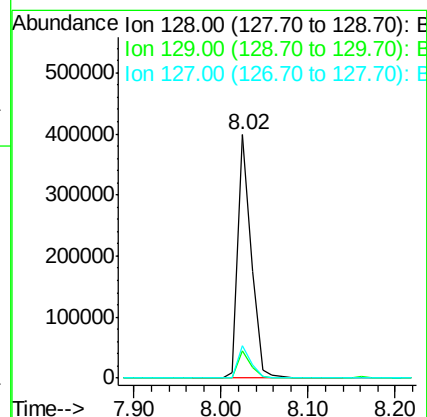
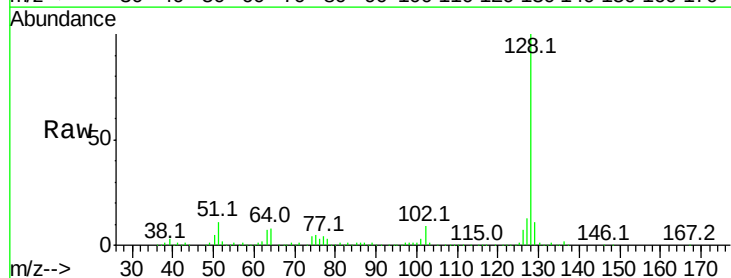
Tgt Ion:128 Resp: 417845

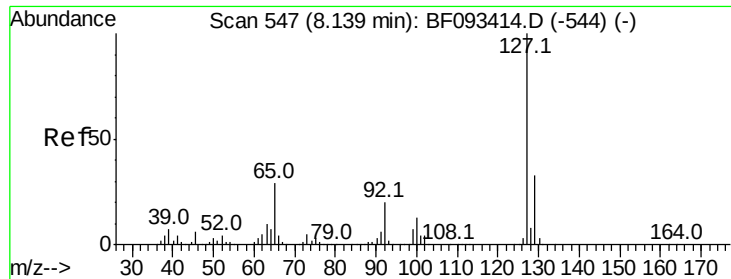
Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

127 13.3 10.8 16.2

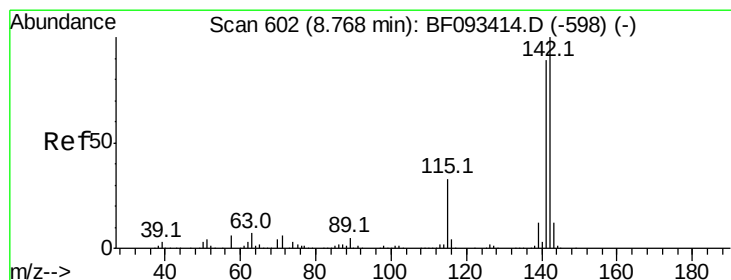
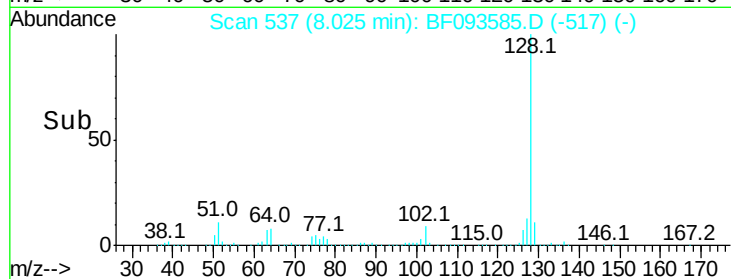
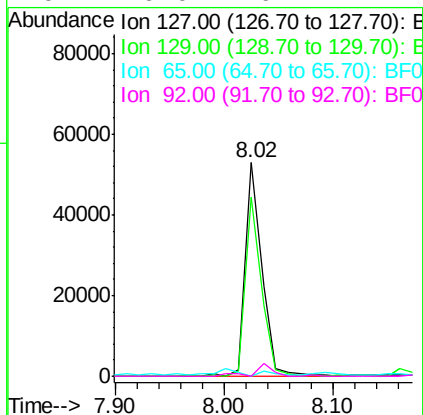
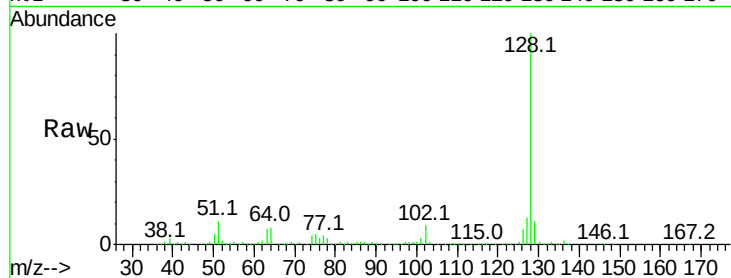




#33
4-Chloroaniline
Concen: 4.66 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF093585.D
Acq: 11 Mar 2017 23:27

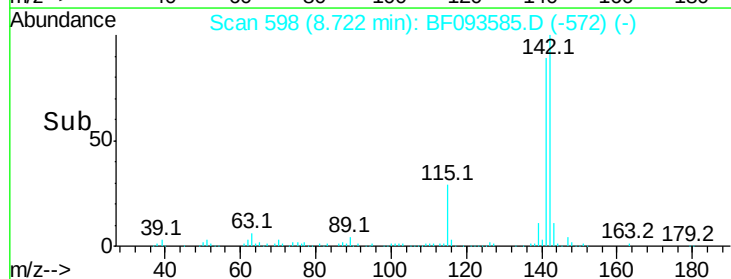
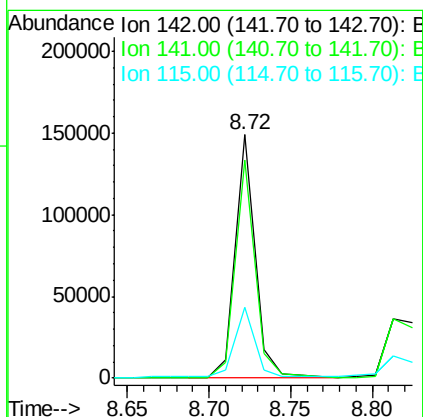
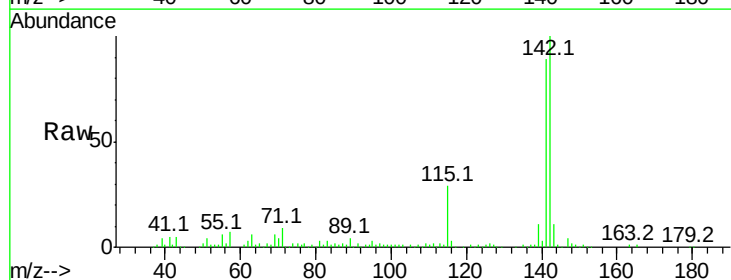
Instrument :
BNA_F
ClientSampleId :
HY-SB413B

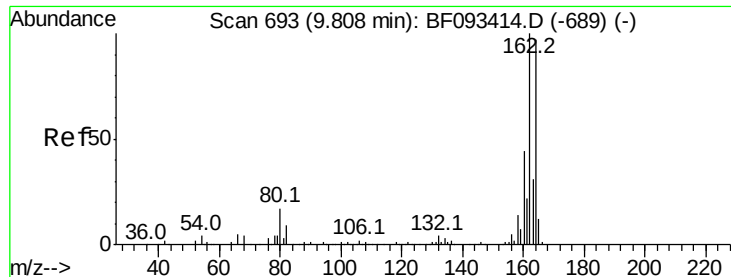
Tot Ion:	127	Resp:	55791
Ion	Ratio	Lower	Upper
127	100		
129	83.8	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



#37
2-Methylnaphthalene
Concen: 6.69 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093585.D
Acq: 11 Mar 2017 23:27

Tgt Ion:	142	Resp:	125539
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	29.3	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

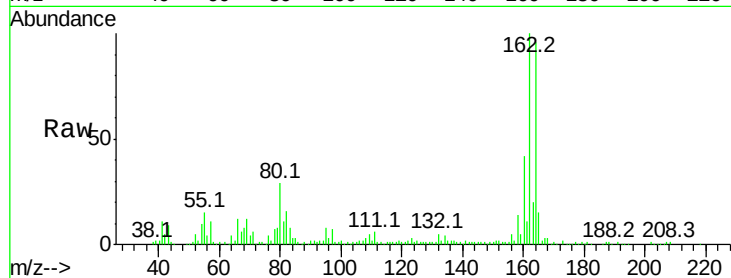
Tot Ion:164 Resp: 256885

Ion Ratio Lower Upper

164 100

162 104.1 80.2 120.2

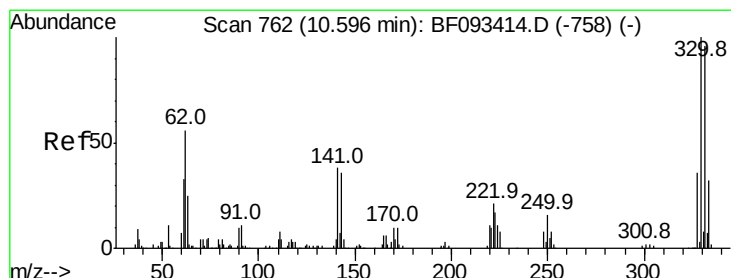
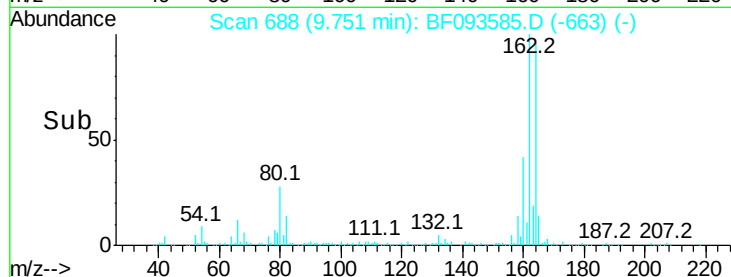
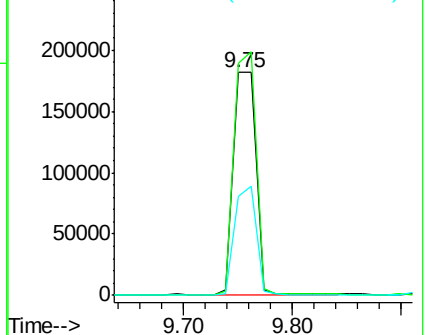
160 44.2 36.9 55.3



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: 48.23 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

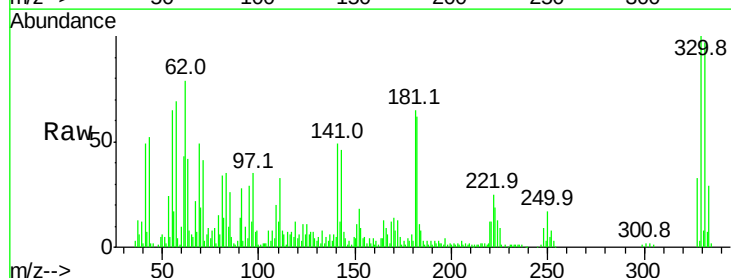
Tgt Ion:330 Resp: 80723

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

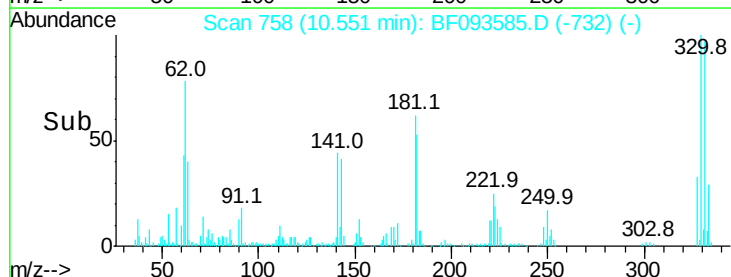
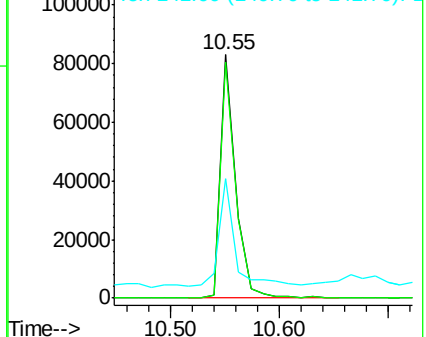
141 50.9 34.1 51.1

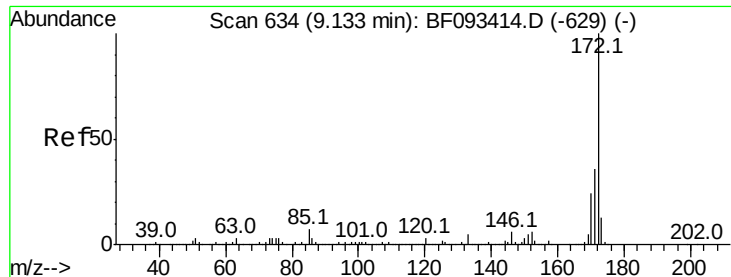


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

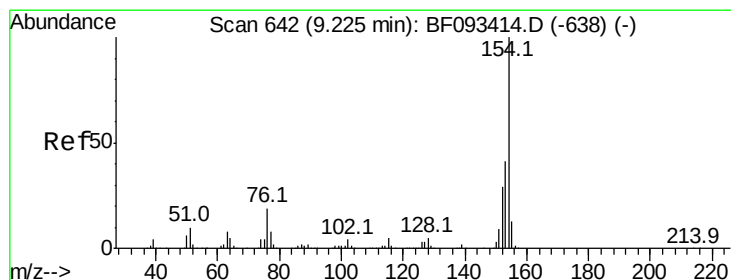
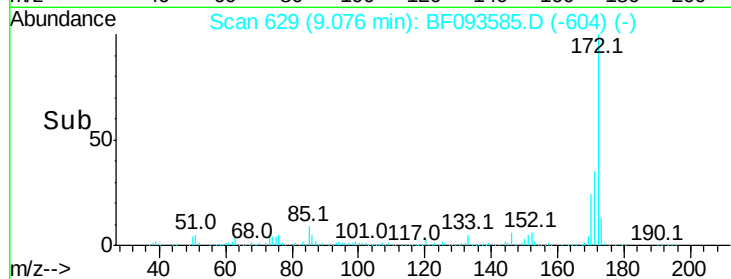
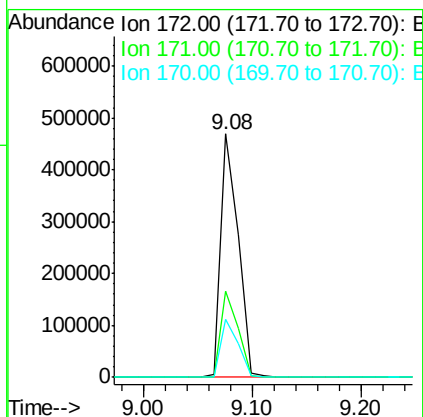
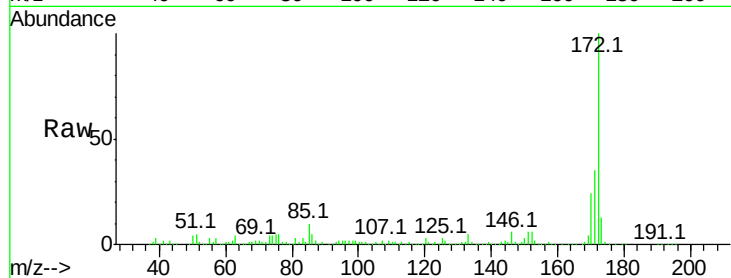




#44
2-Fluorobiphenyl
Concen: 38.03 ng
RT: 9.08 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF093585.D
Acq: 11 Mar 2017 23:27

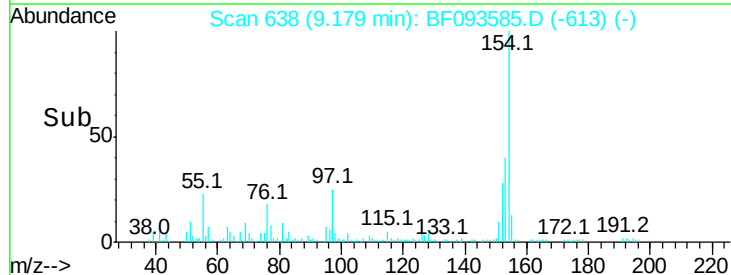
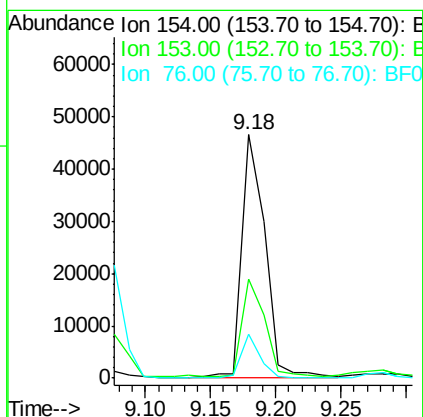
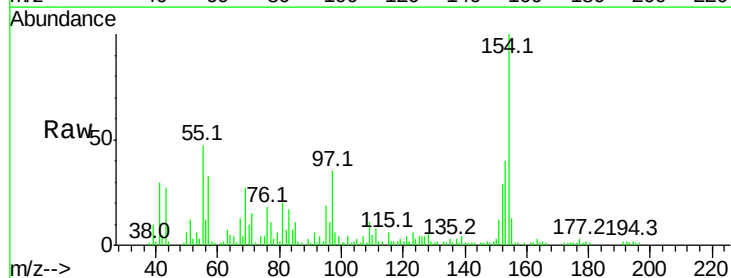
Instrument :
BNA_F
ClientSampleId :
HY-SB413B

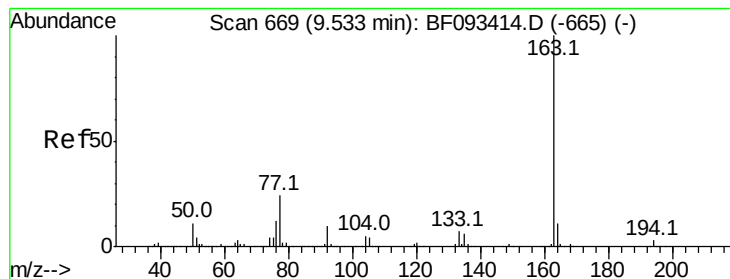
Tot Ion:172 Resp: 525183
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.8 20.2 30.4



#45
1,1'-Biphenyl
Concen: 3.09 ng
RT: 9.18 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF093585.D
Acq: 11 Mar 2017 23:27

Tgt Ion:154 Resp: 57866
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 18.1 0.0 30.5





#49

Dimethylphthalate

Concen: 3.00 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

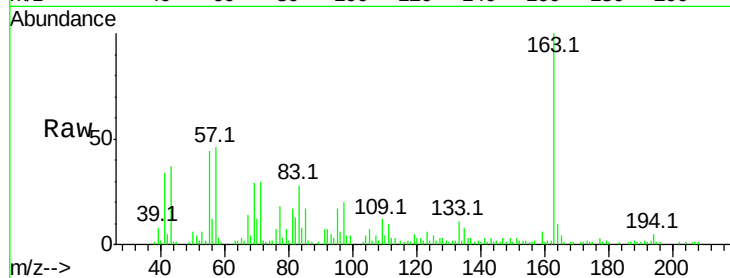
Tot Ion:163 Resp: 51013

Ion Ratio Lower Upper

163 100

194 4.9 3.0 4.4#

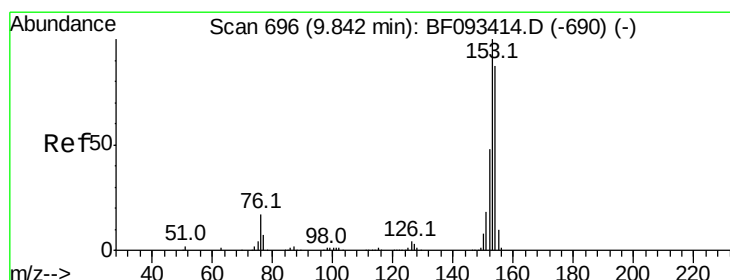
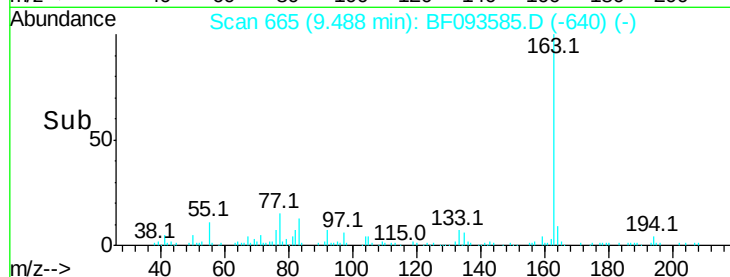
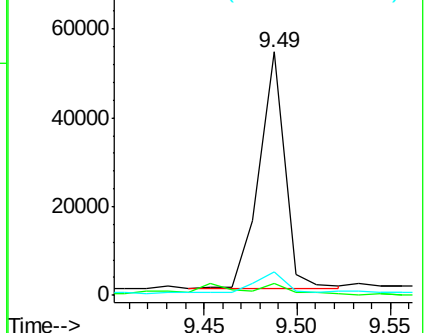
164 9.6 8.0 12.0



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



#51

Acenaphthene

Concen: 8.97 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

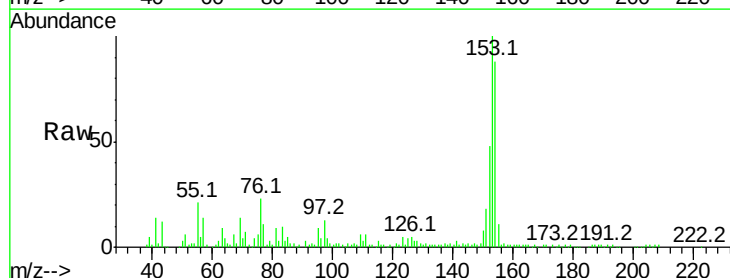
Tgt Ion:154 Resp: 125301

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

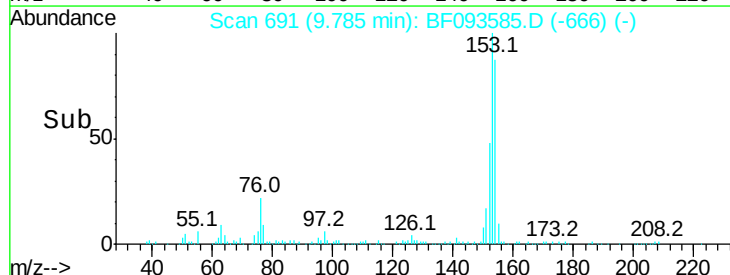
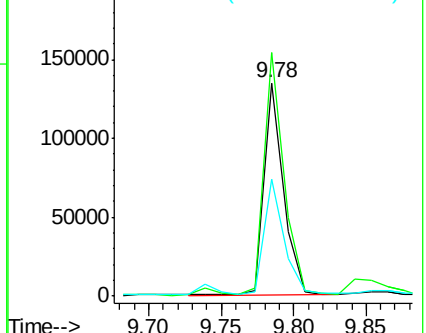
152 54.6 41.6 62.4

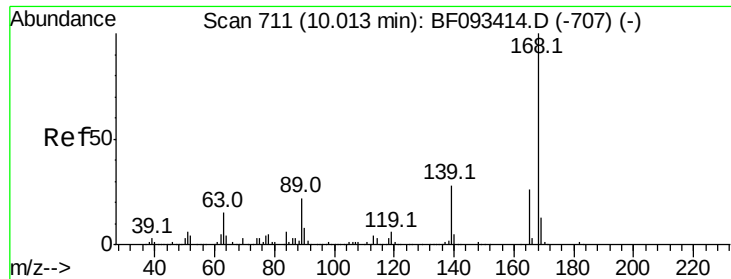


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 14.91 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

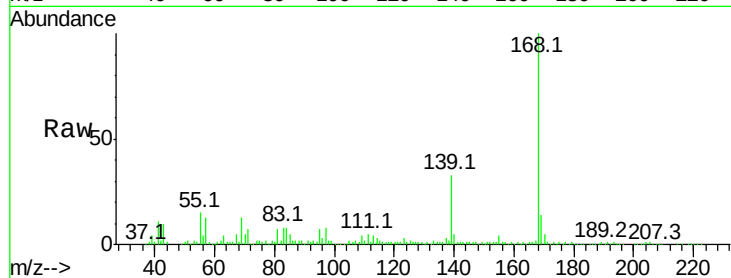
Tot Ion:168 Resp: 260687

Ion Ratio Lower Upper

168 100

139 33.0 32.6 49.0

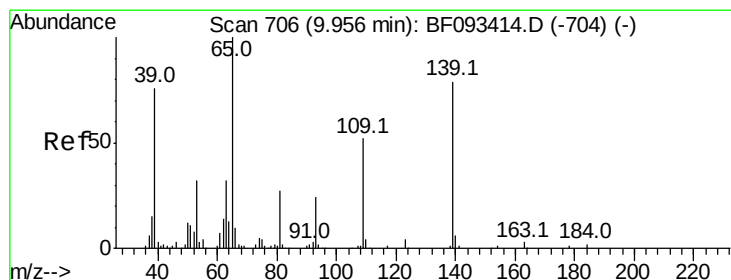
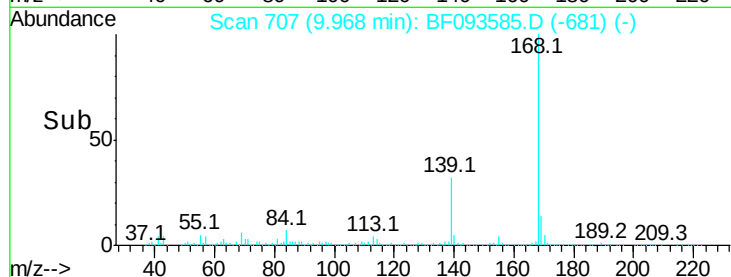
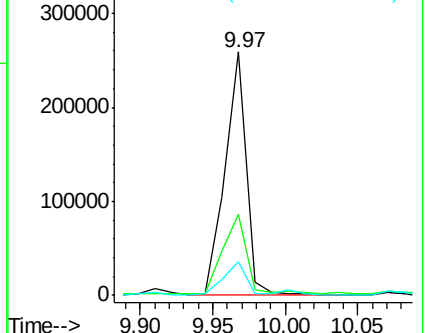
169 13.9 11.3 16.9



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: 44.18 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

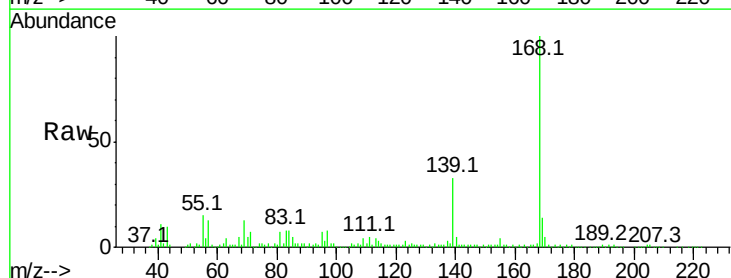
Tgt Ion:139 Resp: 96331

Ion Ratio Lower Upper

139 100

109 13.6 52.2 92.2#

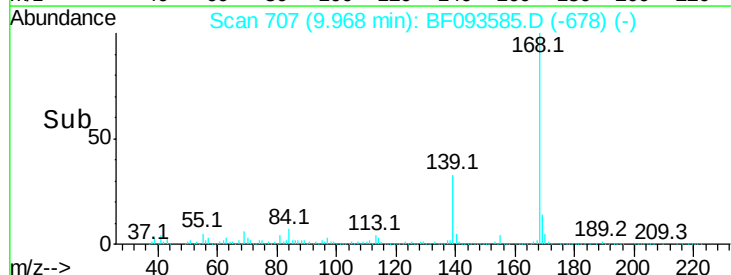
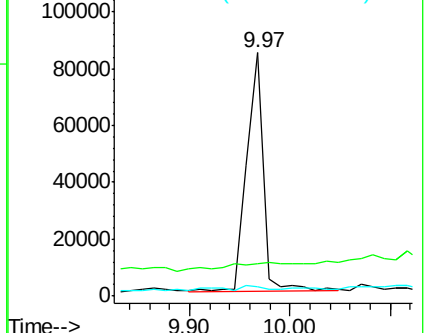
65 3.7 85.8 125.8#

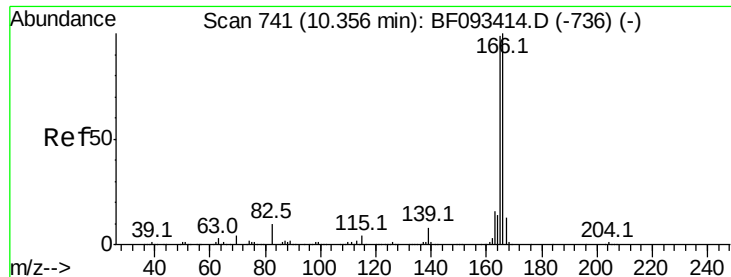


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

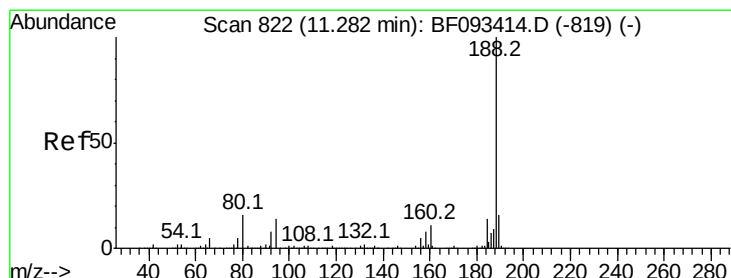
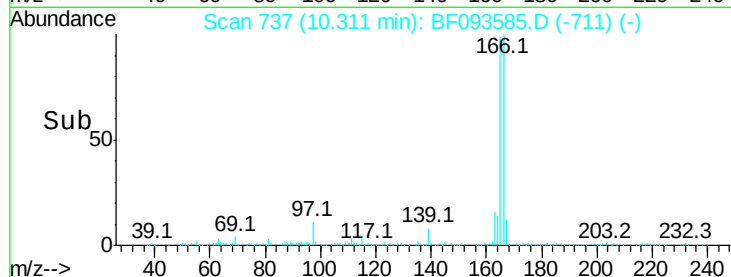
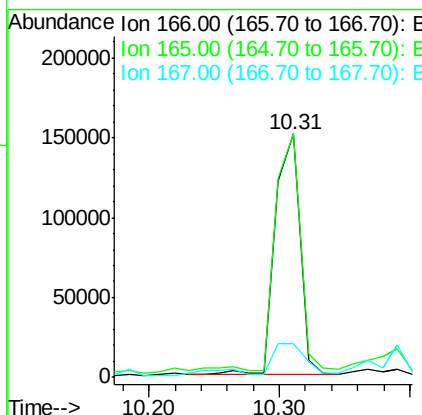
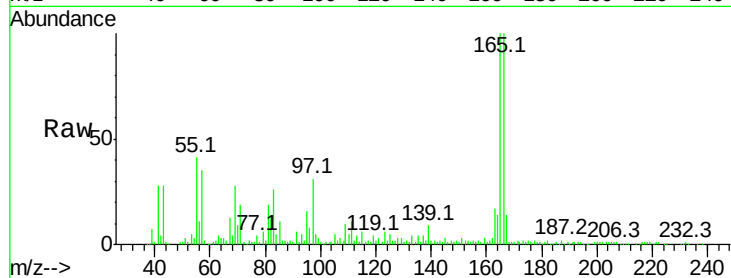




#57
 Fluorene
 Concen: 13.27 ng
 RT: 10.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF093585.D
 Acq: 11 Mar 2017 23:27

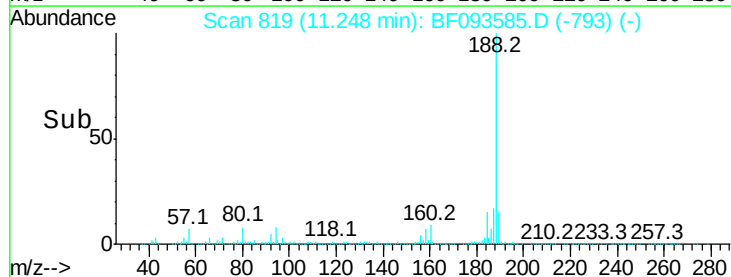
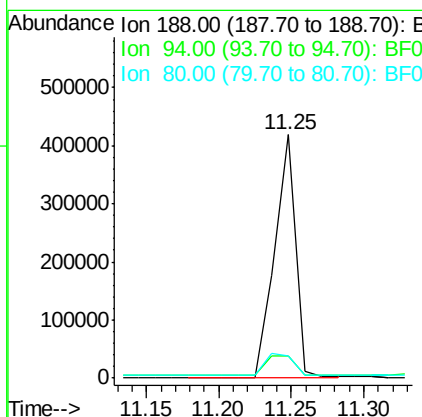
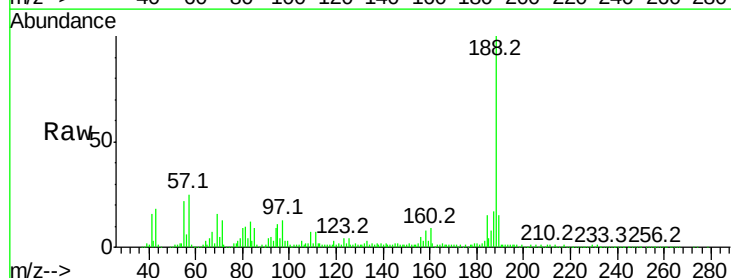
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB413B

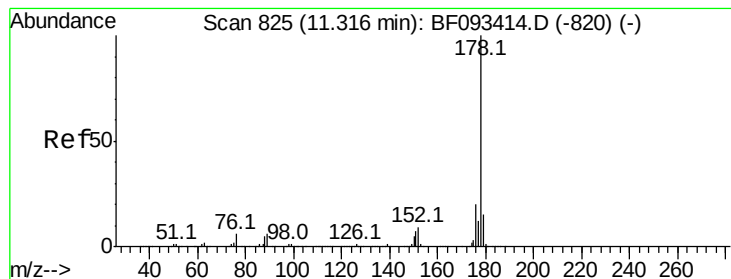
Tot Ion:166 Resp: 196546
 Ion Ratio Lower Upper
 166 100
 165 99.9 77.8 116.8
 167 14.1 10.8 16.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF093585.D
 Acq: 11 Mar 2017 23:27

Tgt Ion:188 Resp: 417416
 Ion Ratio Lower Upper
 188 100
 94 9.3 10.0 15.0#
 80 9.2 11.2 16.8#





#70

Phenanthrene

Concen: 28.65 ng

RT: 11.27 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

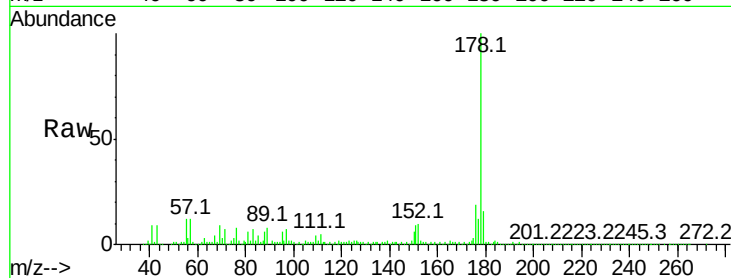
Tot Ion:178 Resp: 682684

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

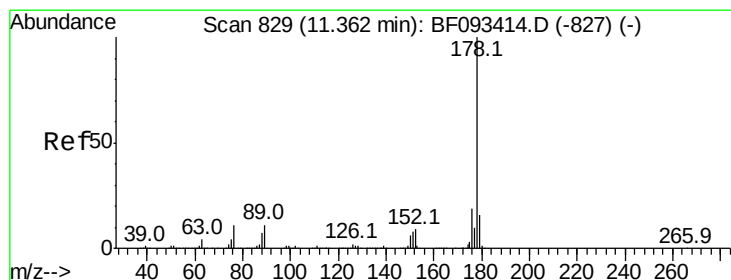
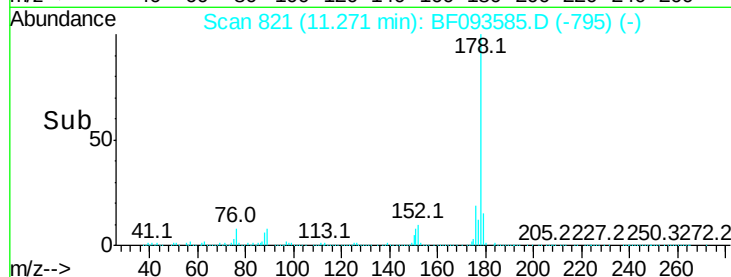
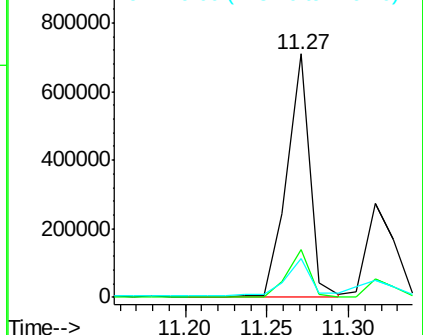
179 15.9 12.8 19.2



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: 12.51 ng

RT: 11.32 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

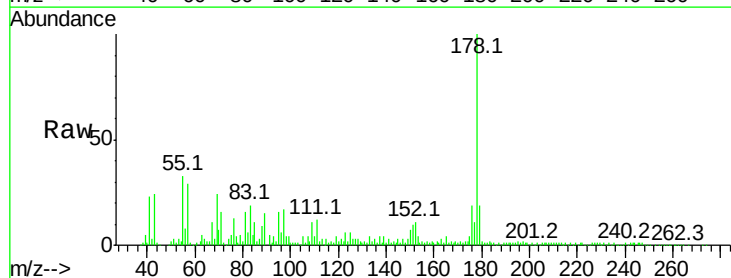
Tgt Ion:178 Resp: 301524

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

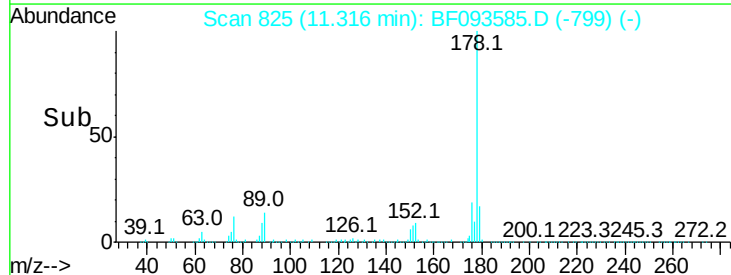
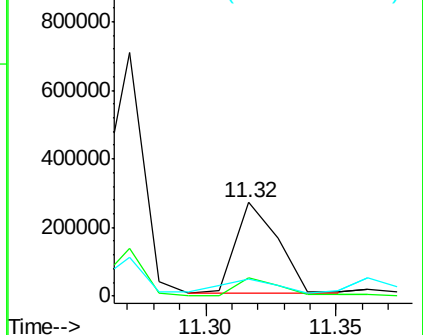
179 18.8 13.2 19.8

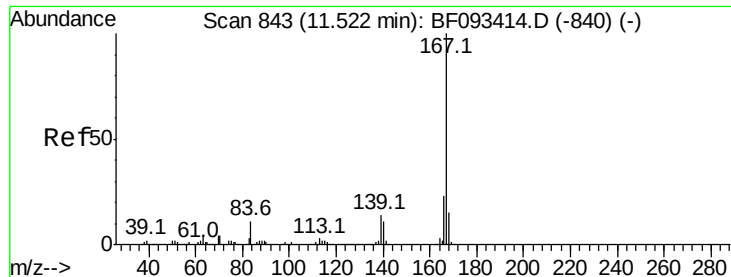


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.58 ng

RT: 11.49 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

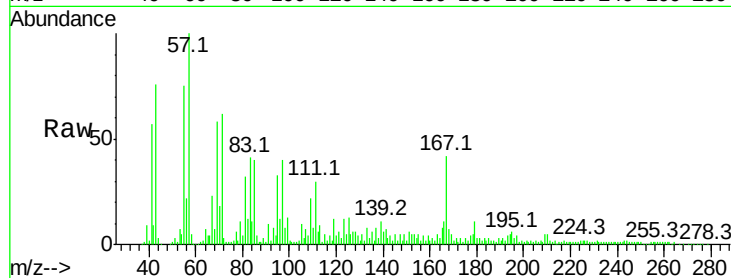
Tot Ion:167 Resp: 58311

Ion Ratio Lower Upper

167 100

166 27.5 18.2 27.2#

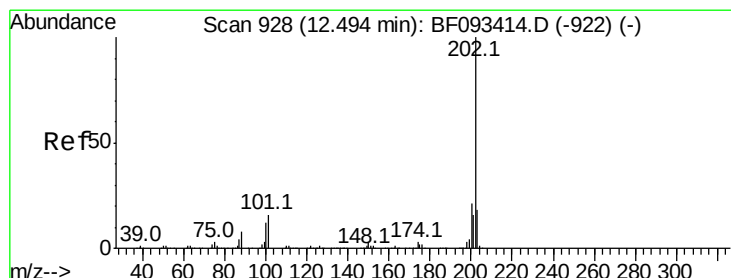
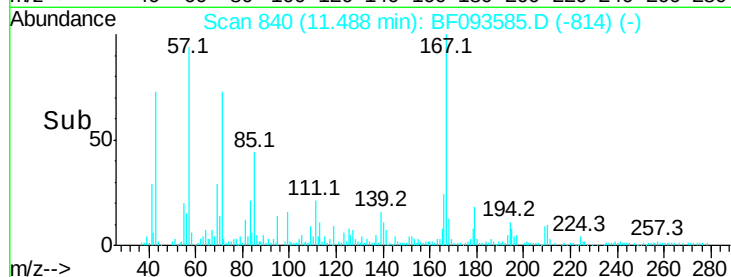
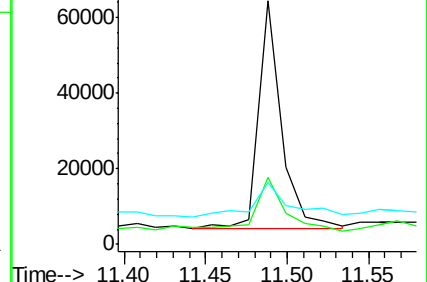
139 25.2 11.4 17.2#



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: 37.76 ng

RT: 12.46 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

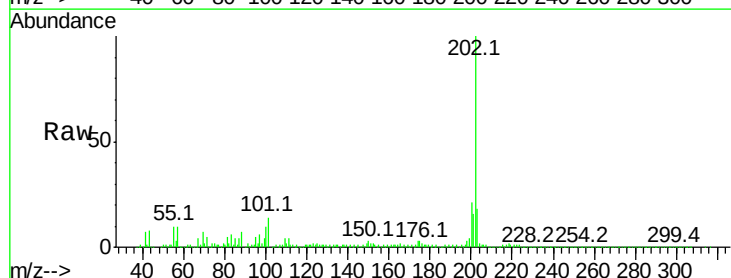
Tgt Ion:202 Resp: 868978

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.6

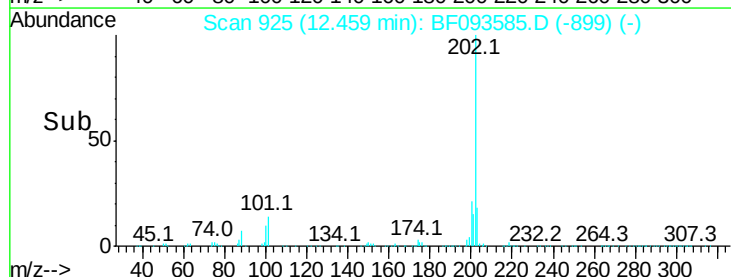
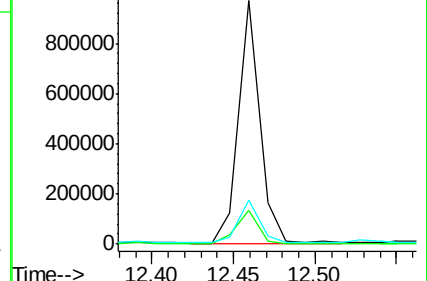
203 18.1 0.0 38.7

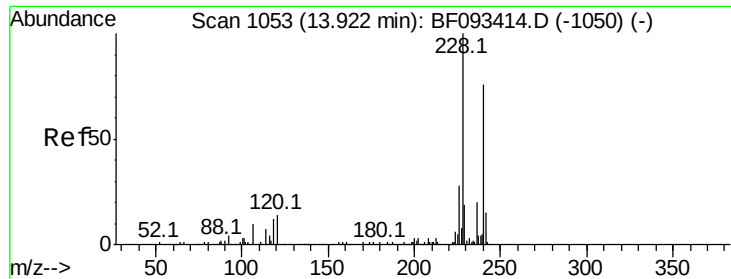


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

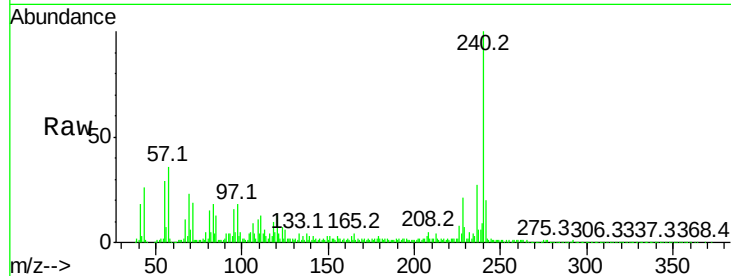
Tot Ion:240 Resp: 313037

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

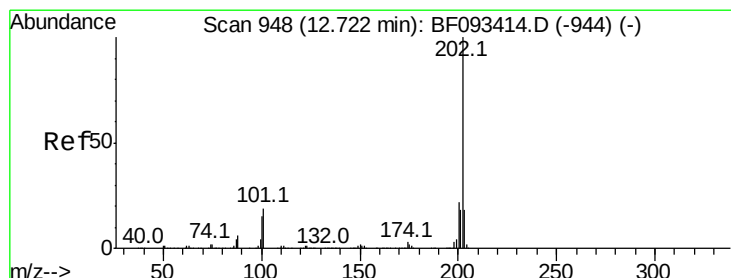
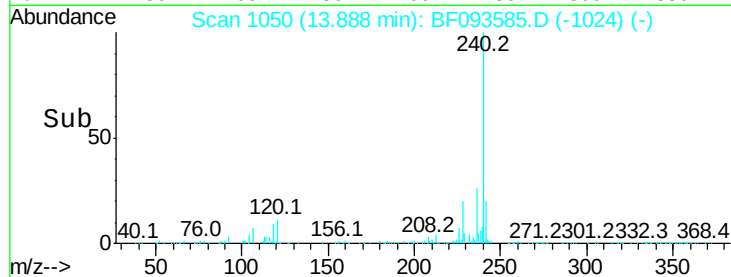
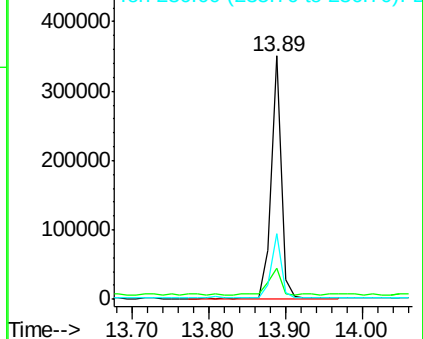
236 26.8 20.9 31.3



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: 34.20 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

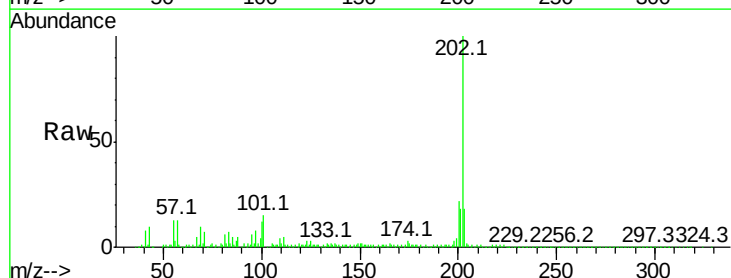
Tgt Ion:202 Resp: 778580

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

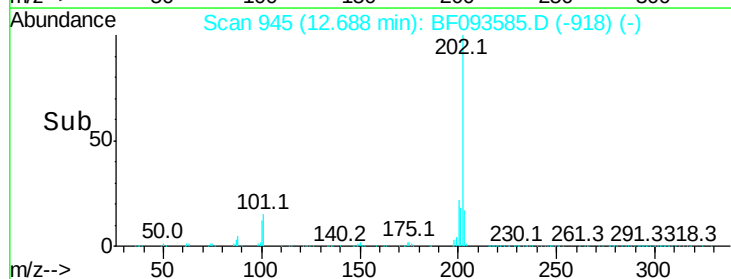
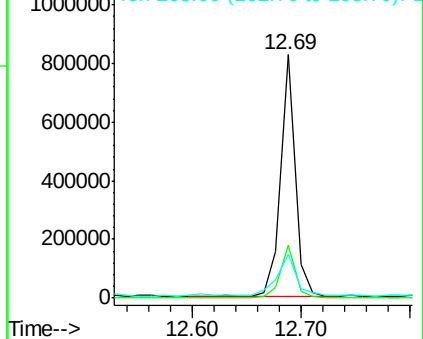
203 17.9 14.7 22.1

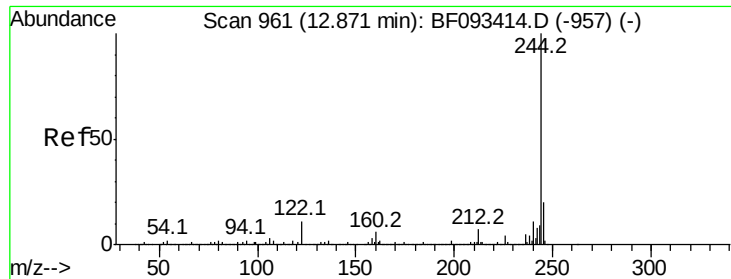


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

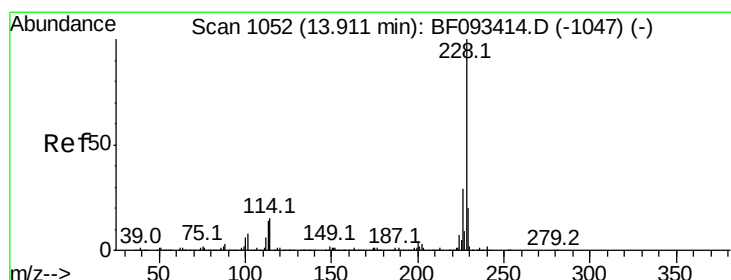
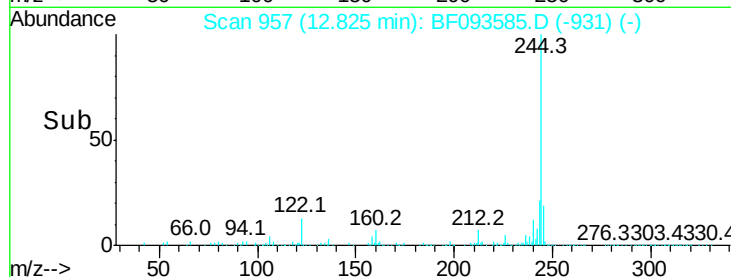
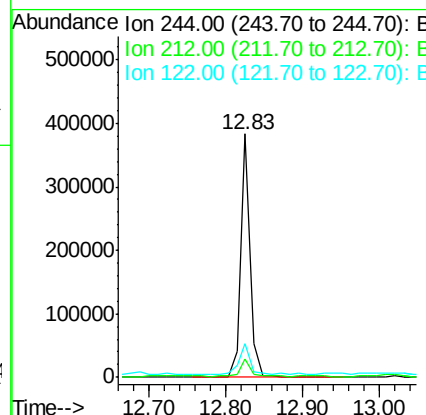
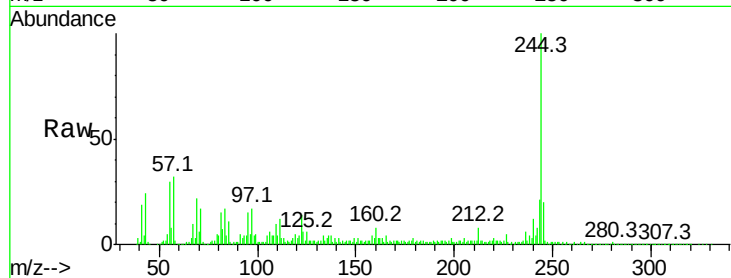




#78
 Terphenyl-d14
 Concen: 27.65 ng
 RT: 12.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF093585.D
 Acq: 11 Mar 2017 23:27

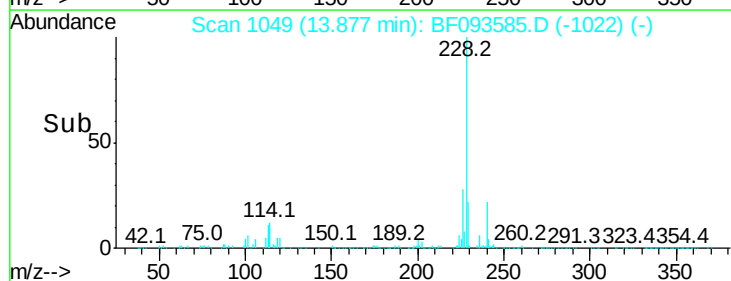
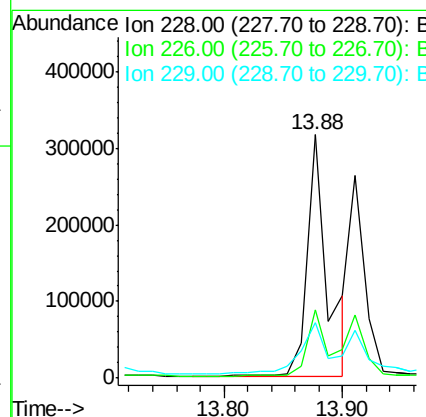
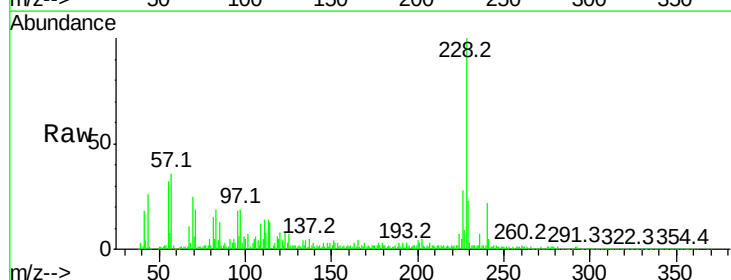
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB413B

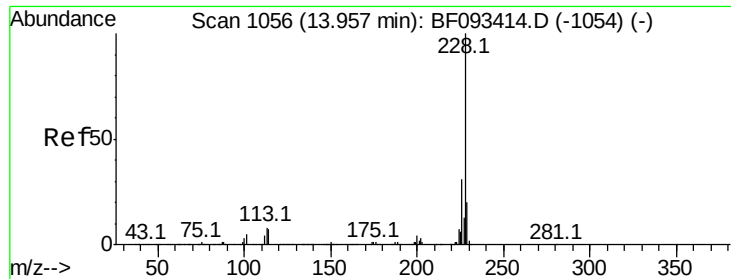
Tot Ion:244 Resp: 332858
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.9 11.4 17.2



#80
 Benzo(a)anthracene
 Concen: 20.35 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BF093585.D
 Acq: 11 Mar 2017 23:27

Tgt Ion:228 Resp: 376203
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.4 33.6
 229 23.0 16.2 24.4





#82

Chrysene

Concen: 22.00 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

Instrument :

BNA_F

ClientSampleId :

HY-SB413B

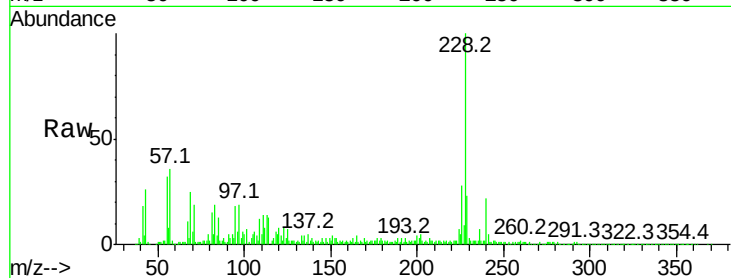
Tot Ion:228 Resp: 376203

Ion Ratio Lower Upper

228 100

226 28.2 25.4 38.0

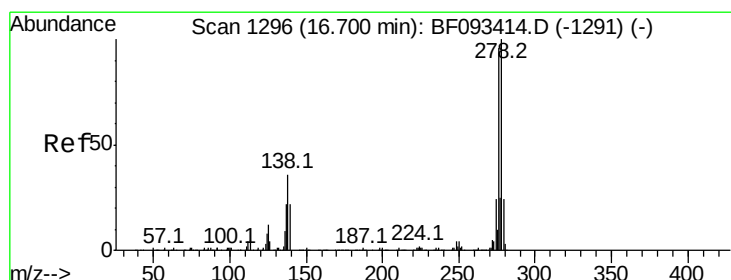
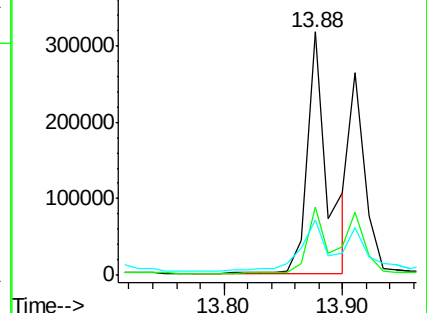
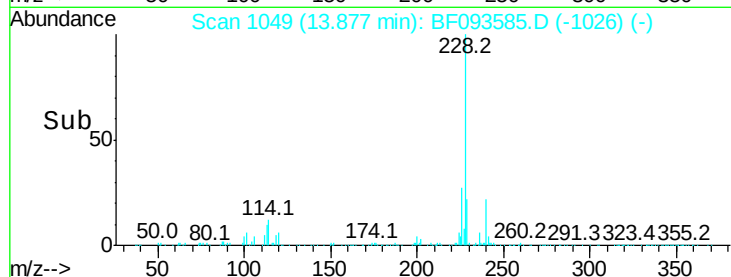
229 23.0 16.2 24.2



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 6.20 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093585.D

Acq: 11 Mar 2017 23:27

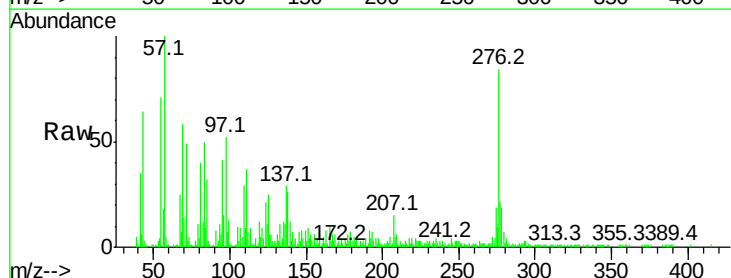
Tgt Ion:276 Resp: 88738

Ion Ratio Lower Upper

276 100

138 27.7 21.8 32.6

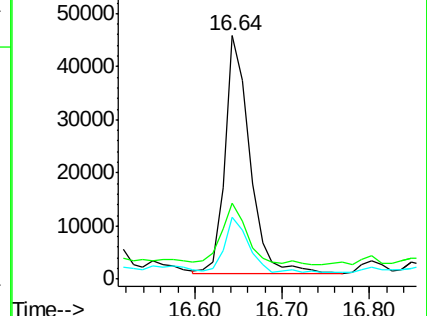
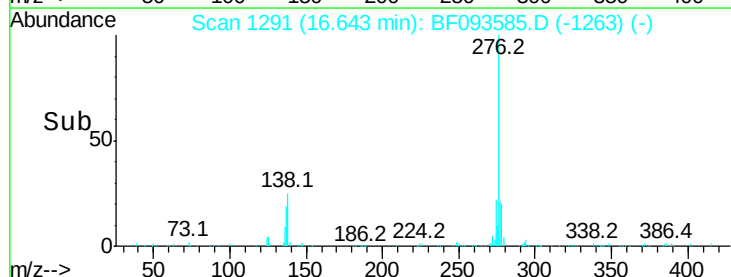
277 20.8 20.2 30.4

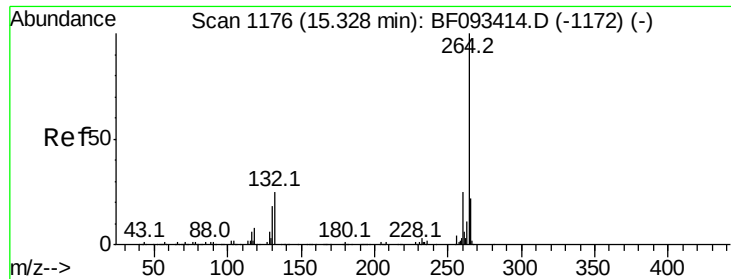


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



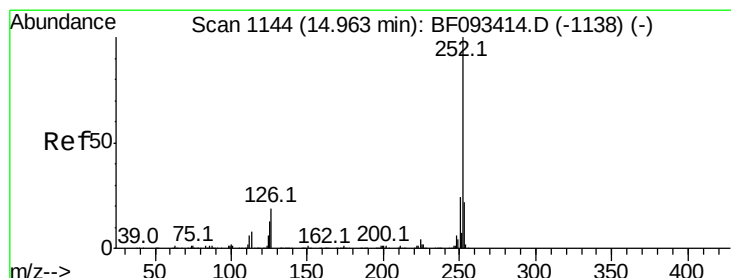
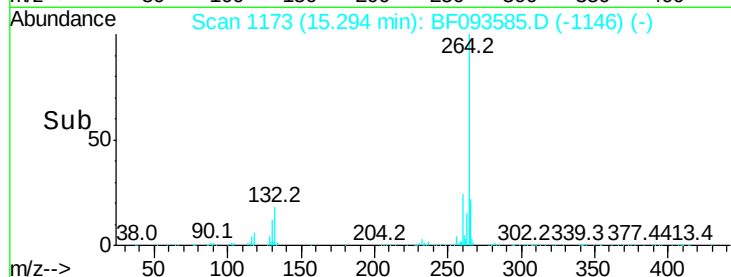
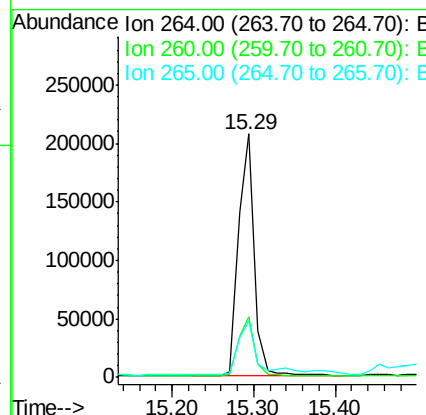
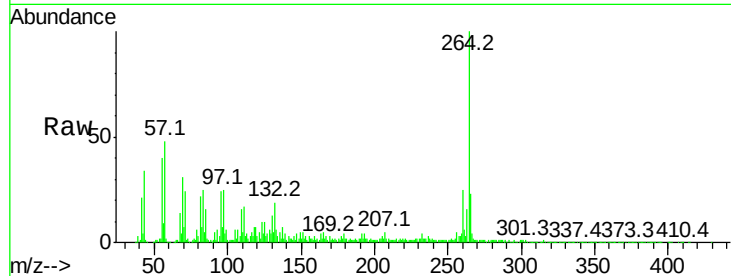


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093585.D
Acq: 11 Mar 2017 23:27

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tot Ion:264 Resp: 277061

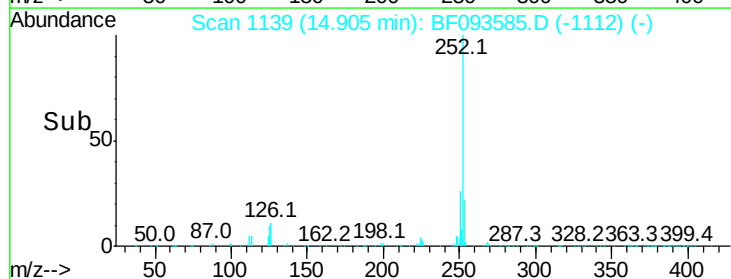
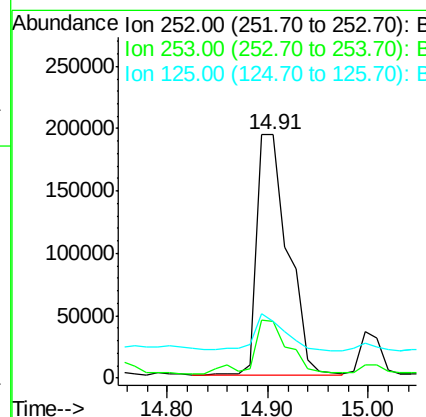
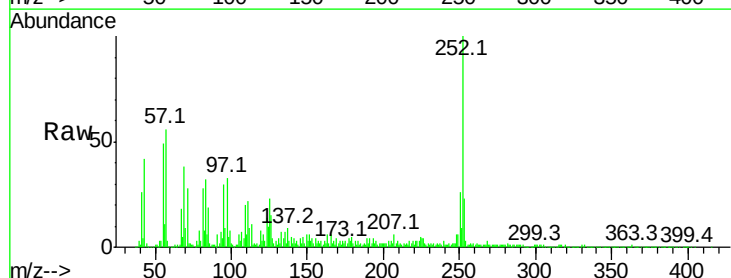
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	23.2	17.4	26.0

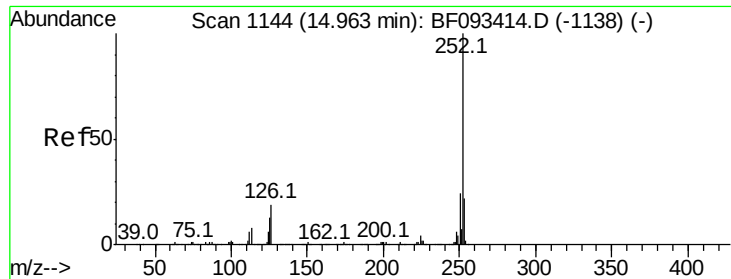


#87
Benzo(b)fluoranthene
Concen: 24.55 ng
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093585.D
Acq: 11 Mar 2017 23:27

Tgt Ion:252 Resp: 414334

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	23.5	9.8	14.6

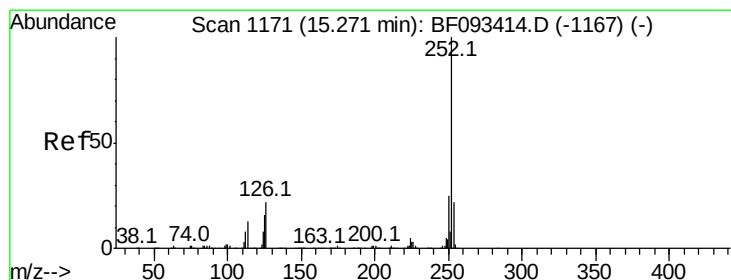
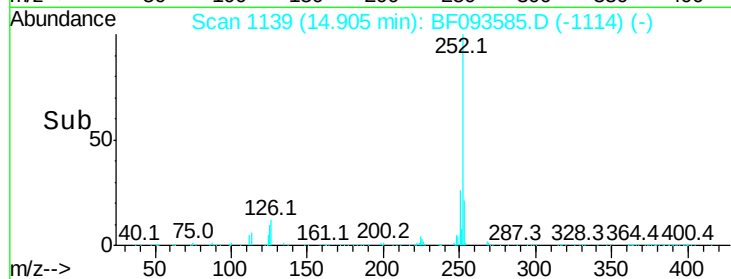
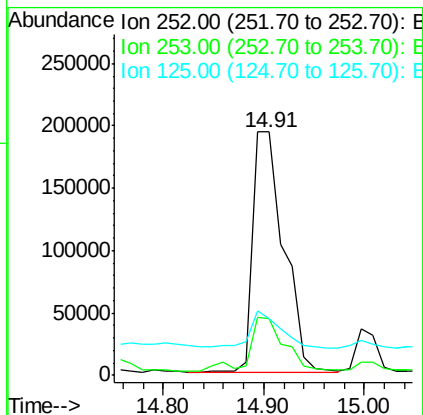
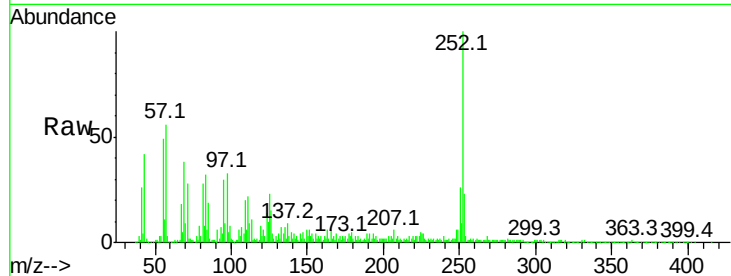




#88
Benzo(k)fluoranthene
Concen: 25.46 ng
RT: 14.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF093585.D
Acq: 11 Mar 2017 23:27

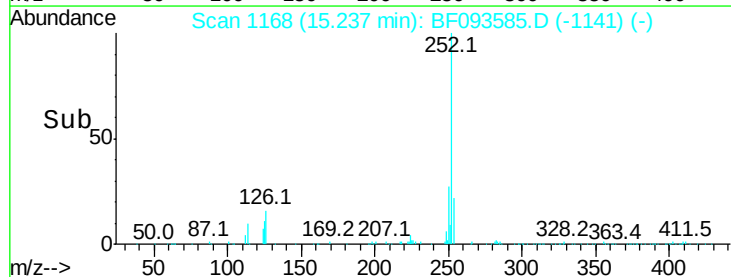
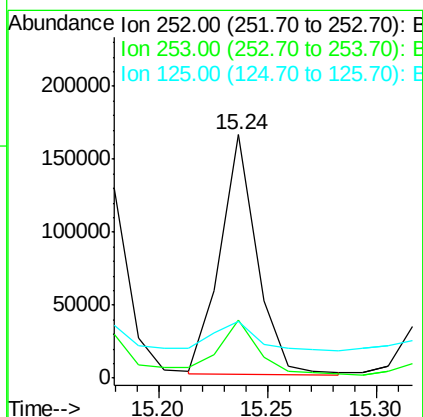
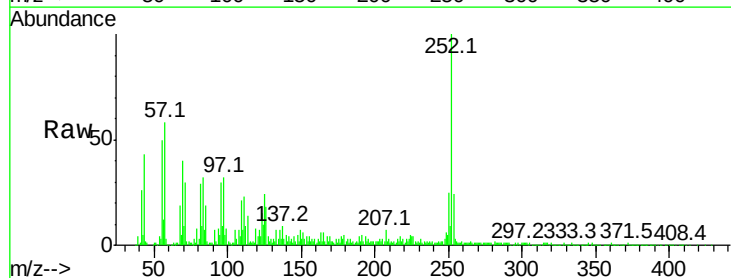
Instrument :
BNA_F
ClientSampleId :
HY-SB413B

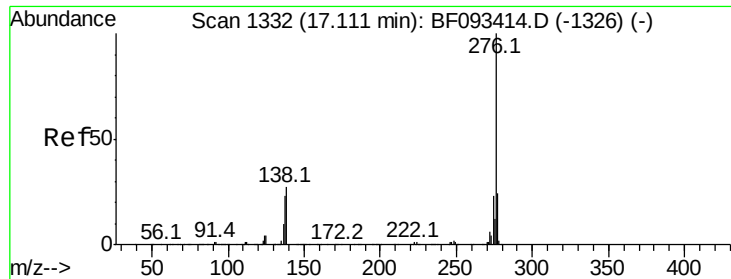
Tot Ion:252 Resp: 414334
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 23.5 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 12.50 ng
RT: 15.24 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF093585.D
Acq: 11 Mar 2017 23:27

Tgt Ion:252 Resp: 192835
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 23.5 10.0 15.0#

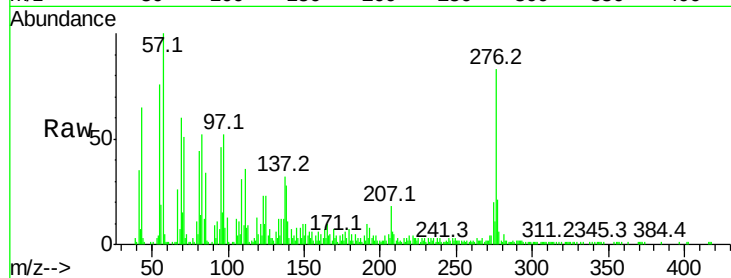




#91
 Benzo(a,h,i)perylene
 Concen: 6.18 ng
 RT: 17.05 min Scan# 1327
 Delta R.T. 0.03 min
 Lab File: BF093585.D
 Acq: 11 Mar 2017 23:27

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB413B

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	25.6	19.2	28.8	
138	33.2	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

