

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092176.D
 Acq On : 10 Jan 2017 12:39
 Operator : UM/SJ
 Sample : I1045-01RE 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1RE

Quant Time: Jan 10 15:45:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

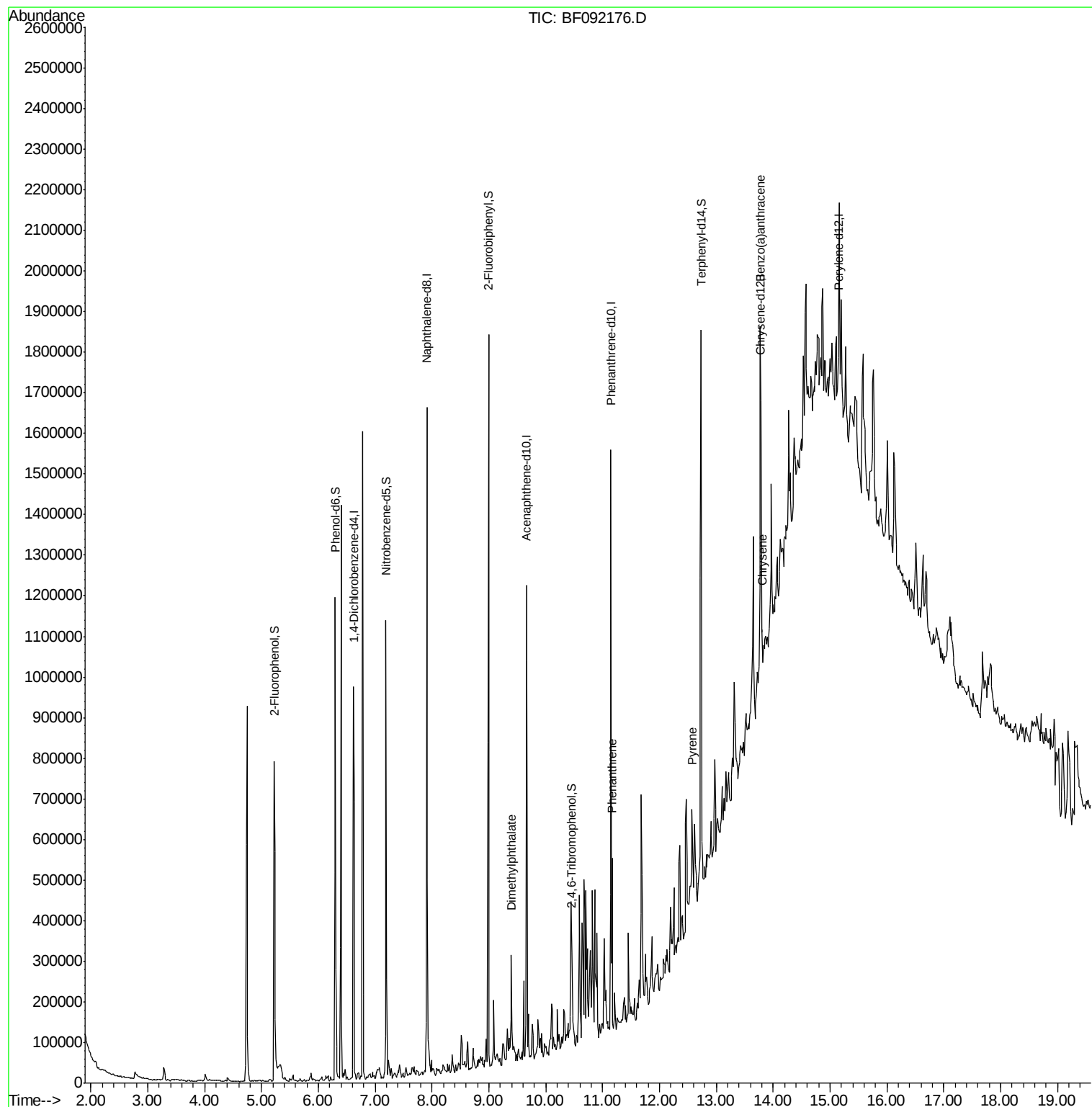
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	193665	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	733873	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	354631	20.00	ng	-0.02
63) Phenanthrene-d10	11.14	188	524703	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	373433	20.00	ng	0.00
86) Perylene-d12	15.16	264	273844	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	321190	27.69	ng	-0.01
7) Phenol-d6	6.30	99	485515	34.29	ng	-0.01
23) Nitrobenzene-d5	7.19	82	367838	27.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	46067	15.70	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	639681	28.36	ng	-0.01
78) Terphenyl-d14	12.73	244	560871	36.43	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	101374	4.47	ng	99
70) Phenanthrene	11.17	178	156924	5.52	ng	98
77) Pyrene	12.57	202	116468m	4.25	ng	
80) Benzo(a)anthracene	13.77	228	55699	2.64	ng	# 83
82) Chrysene	13.81	228	53374m	2.52	ng	

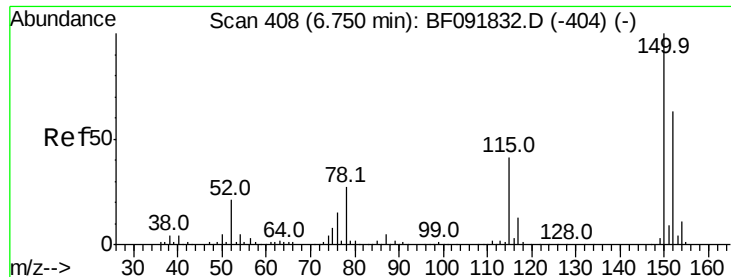
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :

BNA_F

ClientSampleId :

P3-SP1RE

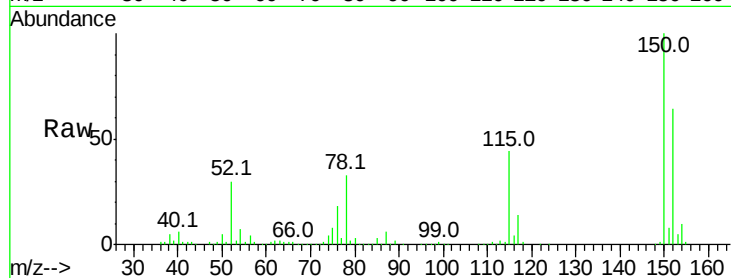
Tot Ion:152 Resp: 193665

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

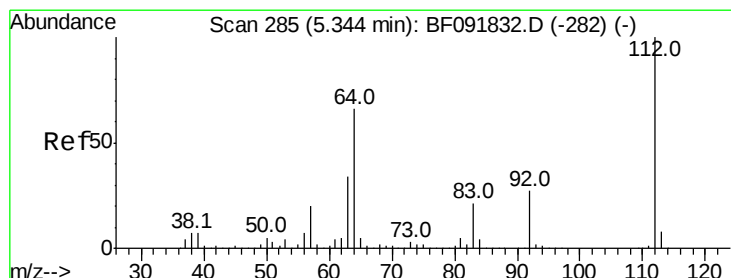
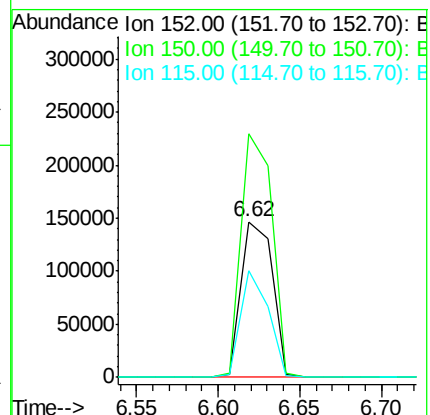
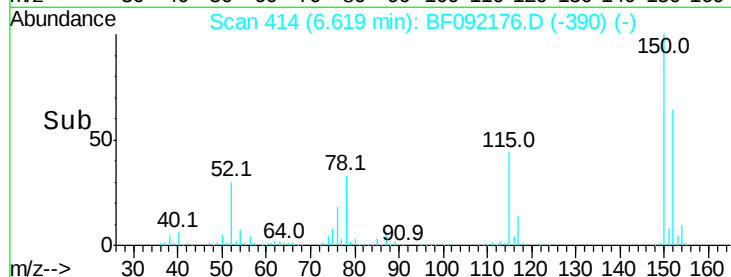
115 68.9 46.0 69.0



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: 27.69 ng

RT: 5.22 min Scan# 292

Delta R.T. -0.01 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

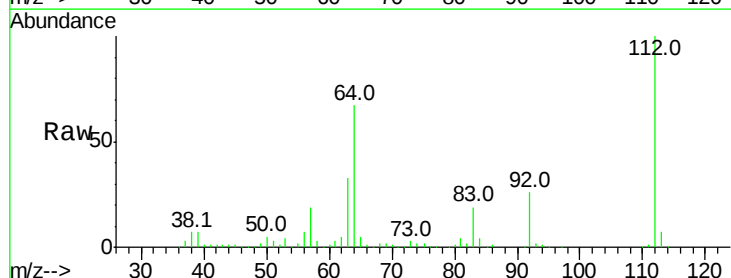
Tgt Ion:112 Resp: 321190

Ion Ratio Lower Upper

112 100

64 66.7 46.1 69.1

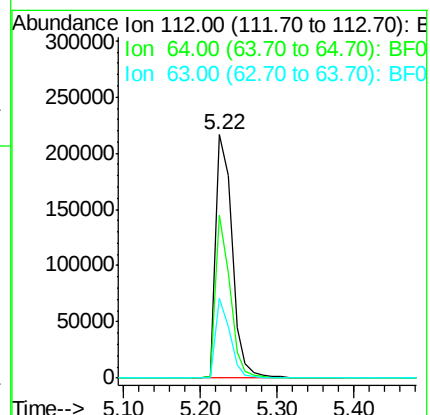
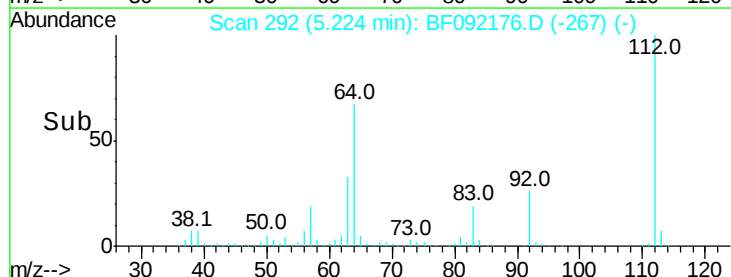
63 32.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.29 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :

BNA_F

ClientSampleId :

P3-SP1RE

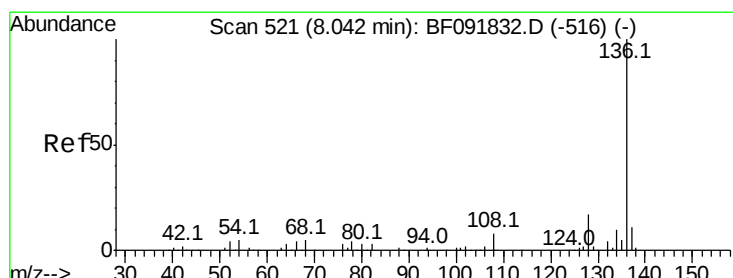
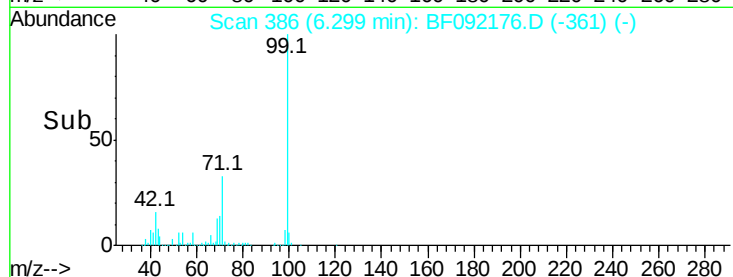
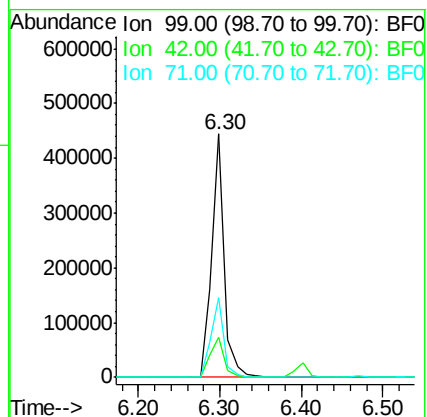
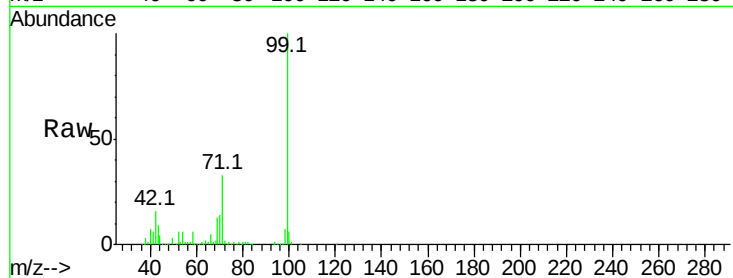
Tot Ion: 99 Resp: 485515

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

71 32.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Tgt Ion: 136 Resp: 733873

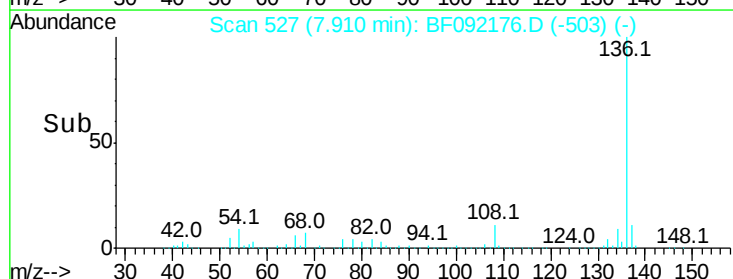
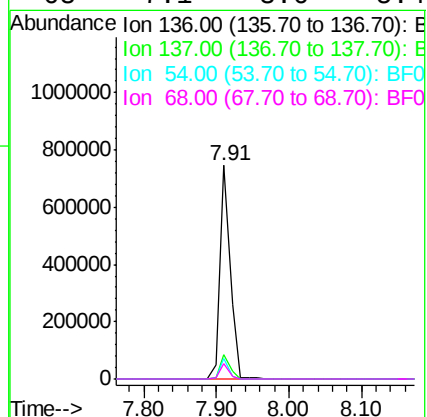
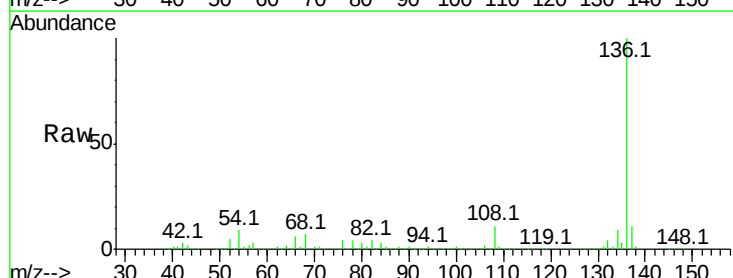
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.4 4.5 6.7#

68 7.1 3.6 5.4#

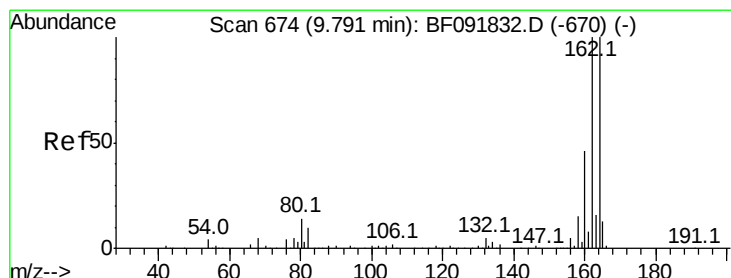
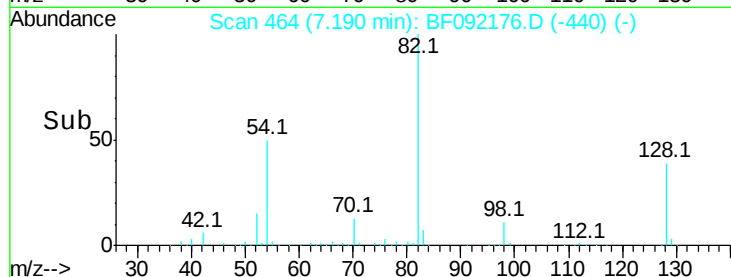
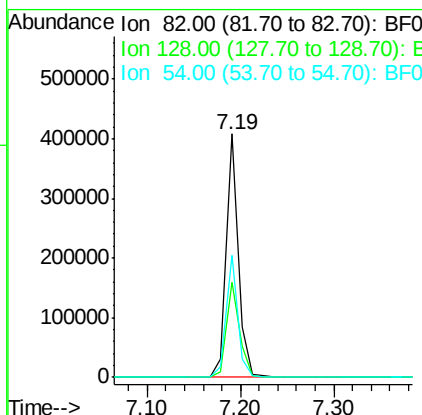
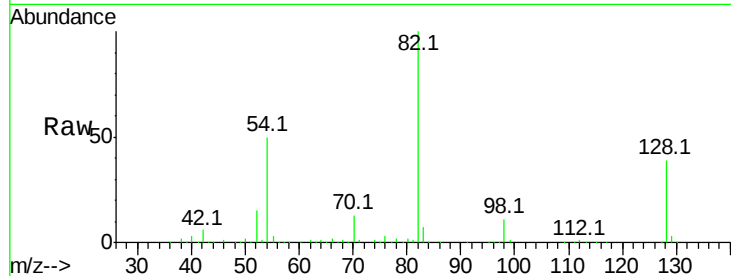




#23
 Nitrobenzene-d5
 Concen: 27.87 ng
 RT: 7.19 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

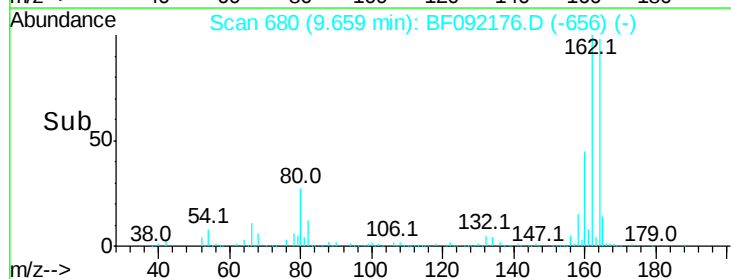
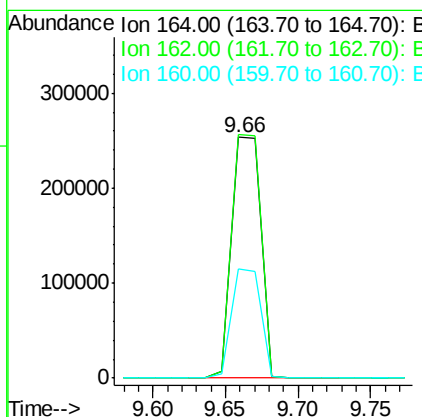
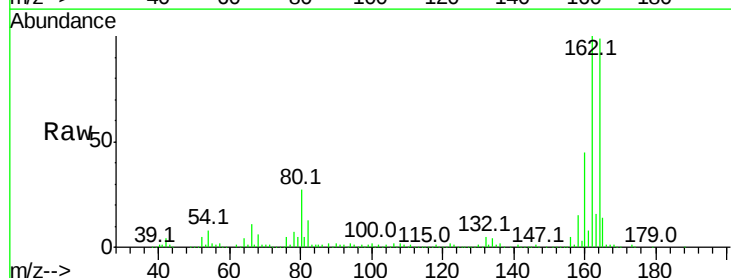
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1RE

Tot Ion	82	Resp	367838
Ion Ratio	Lower	Upper	
82	100		
128	39.0	34.6	52.0
54	50.0	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

Tgt Ion	164	Resp	354631
Ion Ratio	Lower	Upper	
164	100		
162	101.2	80.2	120.2
160	45.4	36.9	55.3

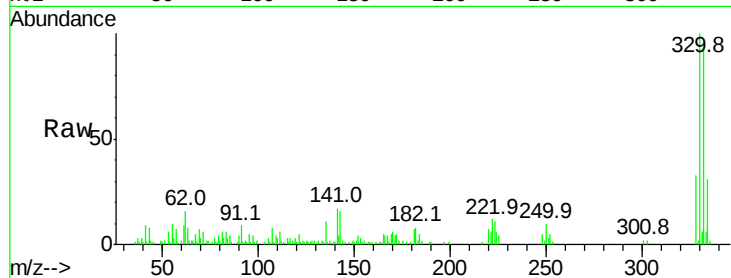




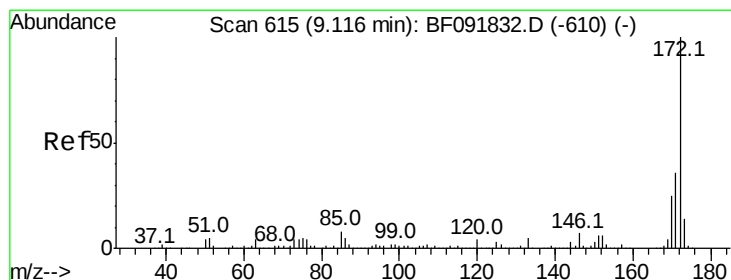
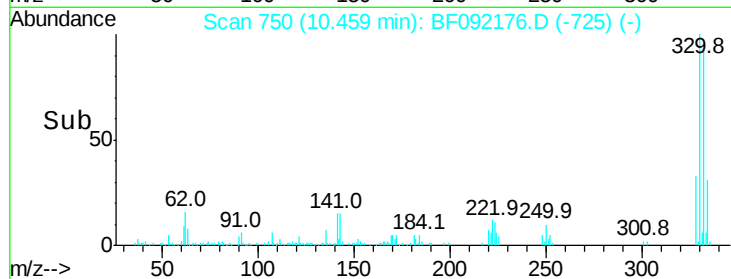
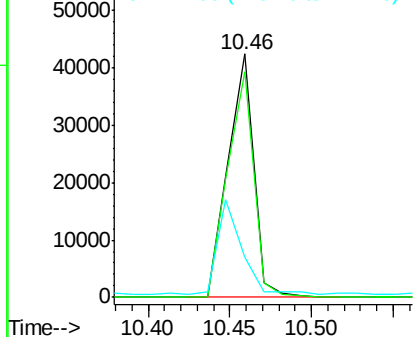
#41
 2,4,6-Tribromophenol
 Concen: 15.70 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1RE

Tot Ion:330 Resp: 46067
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.2
 141 38.0 34.1 51.1

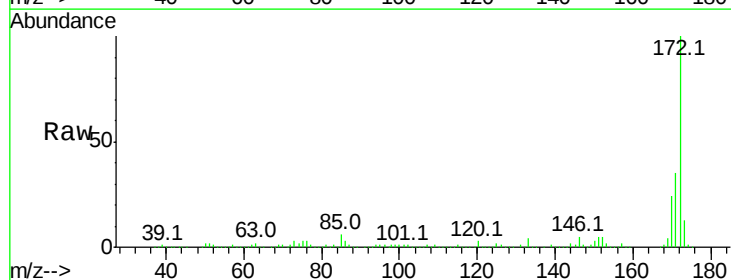


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

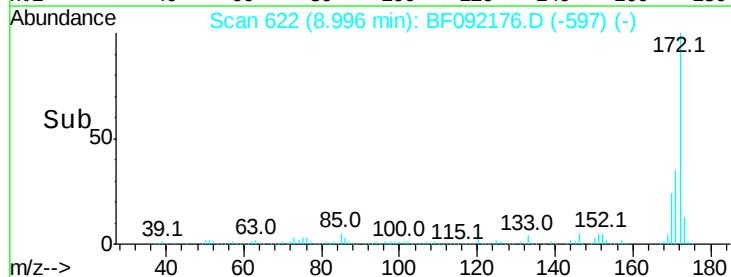
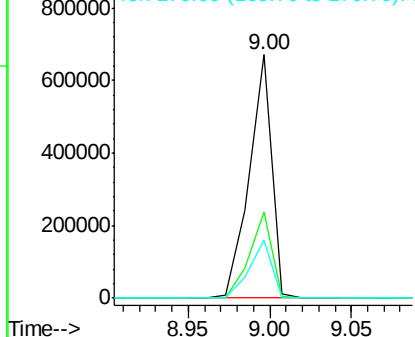


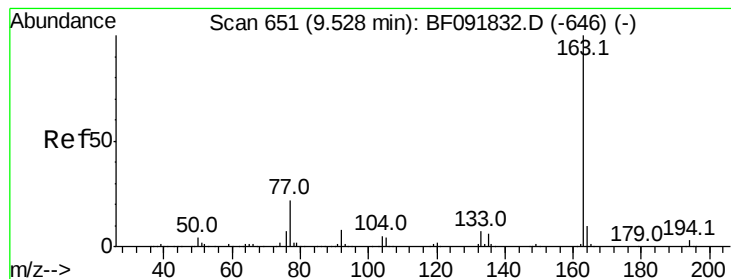
#44
 2-Fluorobiphenyl
 Concen: 28.36 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

Tgt Ion:172 Resp: 639681
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.8 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.47 ng

RT: 9.40 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :

BNA_F

ClientSampleId :

P3-SP1RE

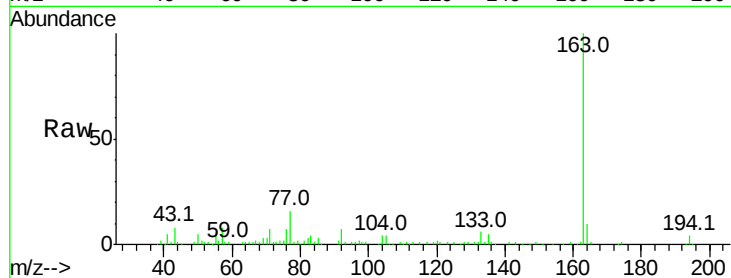
Tot Ion:163 Resp: 101374

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

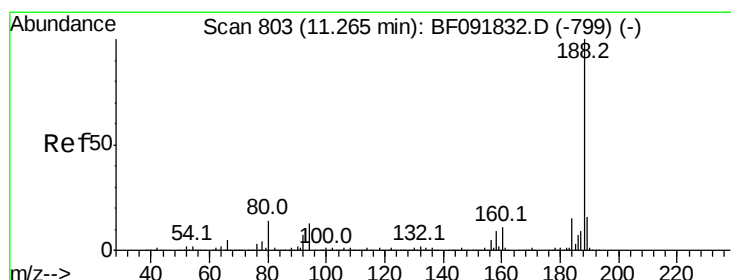
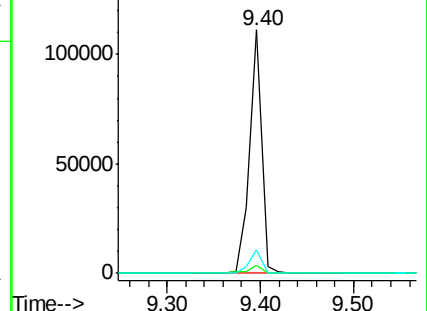
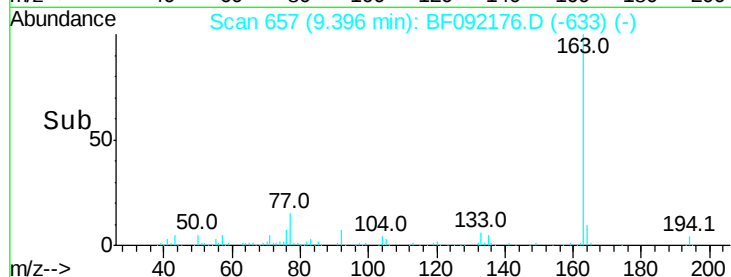
164 9.6 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

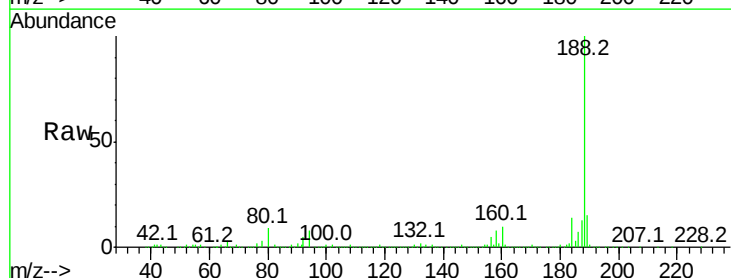
Tgt Ion:188 Resp: 524703

Ion Ratio Lower Upper

188 100

94 8.4 10.0 15.0#

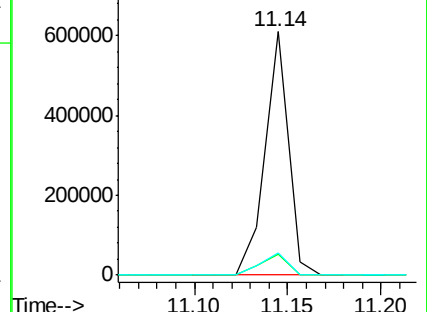
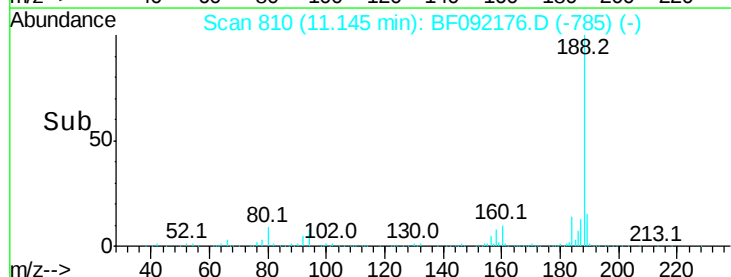
80 9.2 11.2 16.8#

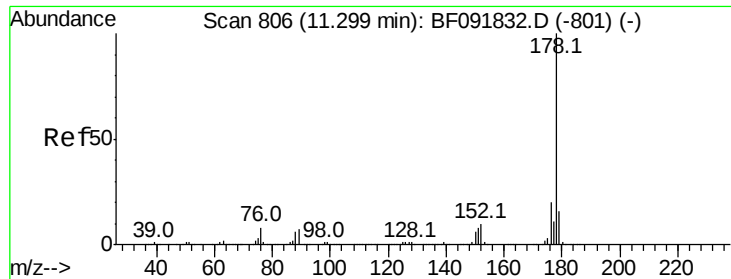


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

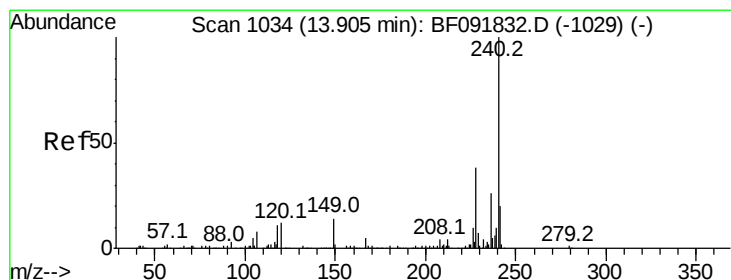
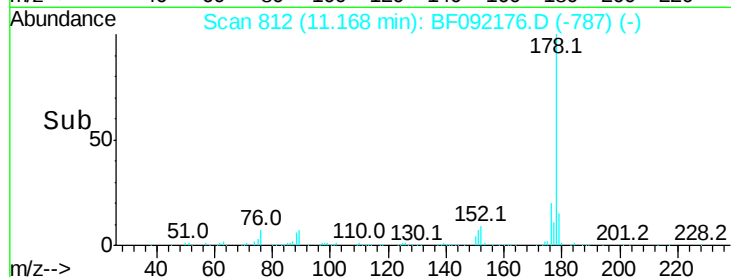
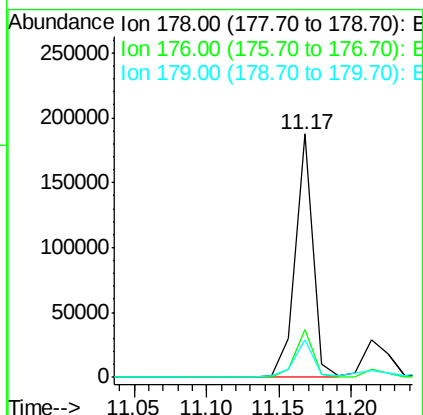
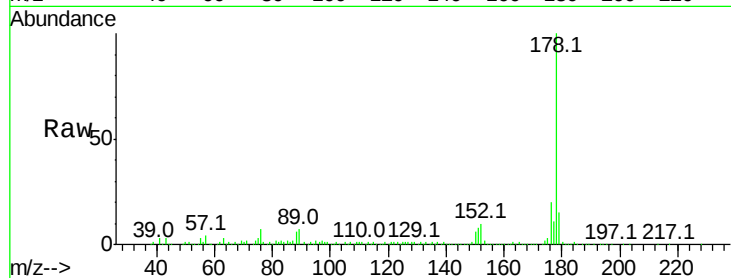




#70
Phenanthrene
Concen: 5.52 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092176.D
Acq: 10 Jan 2017 12:39

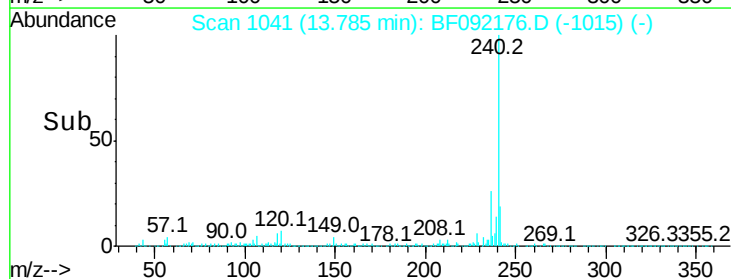
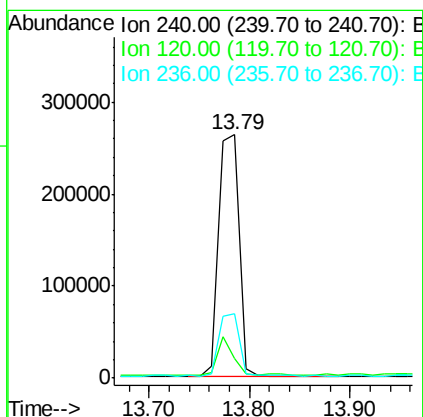
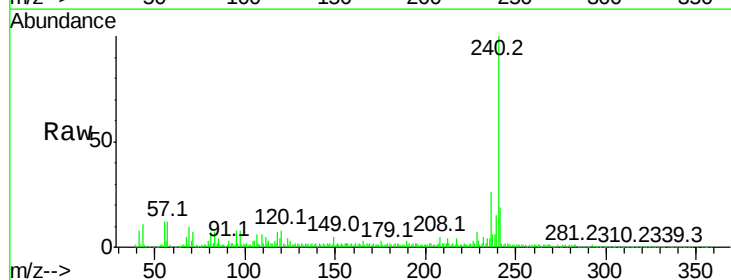
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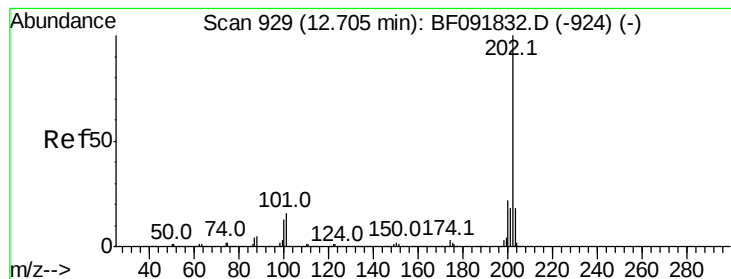
Tot Ion:178 Resp: 156924
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 15.3 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092176.D
Acq: 10 Jan 2017 12:39

Tgt Ion:240 Resp: 373433
Ion Ratio Lower Upper
240 100
120 8.2 12.9 19.3#
236 26.4 20.9 31.3





#77

Pvrene

Concen: 4.25 ng/mL

RT: 12.57 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :

BNA_F

ClientSampleId :

P3-SP1RE

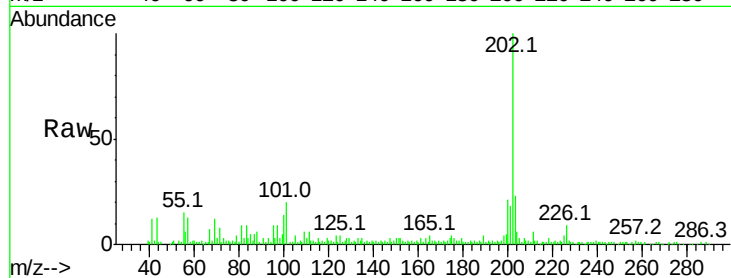
Tot Ion:202 Resp: 116468

Ion Ratio Lower Upper

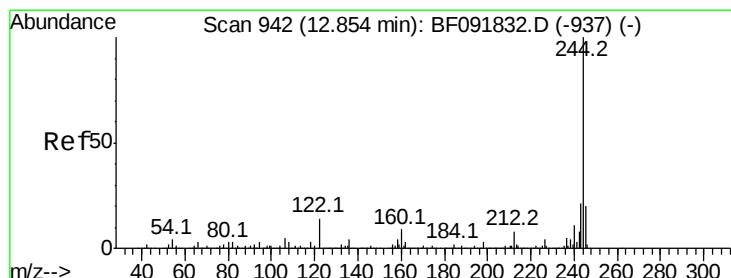
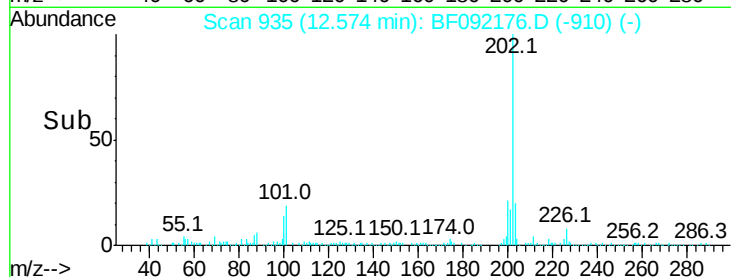
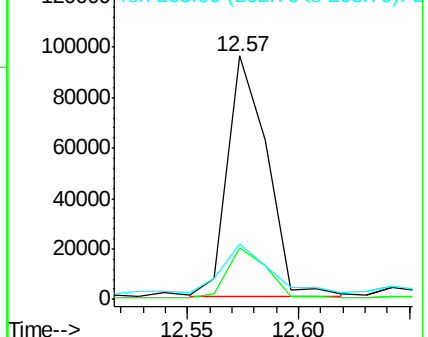
202 100

200 21.4 17.7 26.5

203 22.8 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: 36.43 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

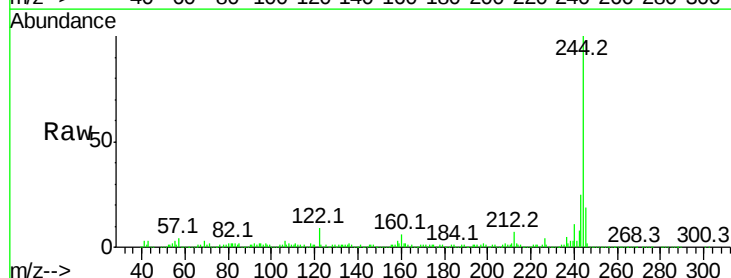
Tgt Ion:244 Resp: 560871

Ion Ratio Lower Upper

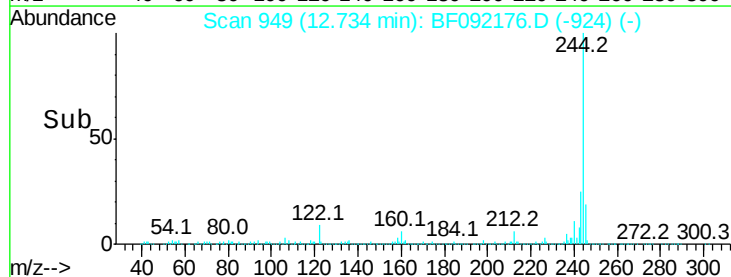
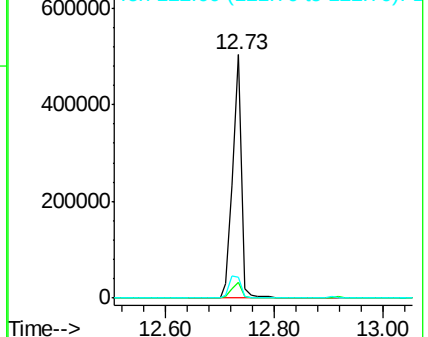
244 100

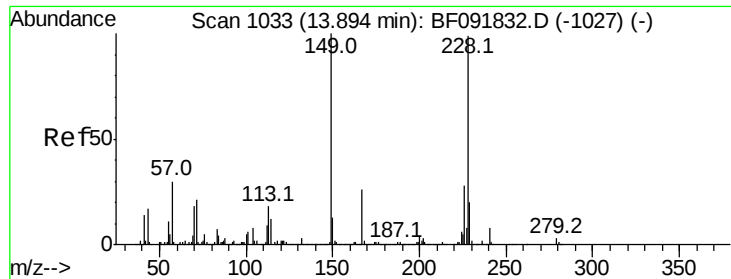
212 6.6 6.2 9.2

122 8.8 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: 2.64 ng

RT: 13.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

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P3-SP1RE

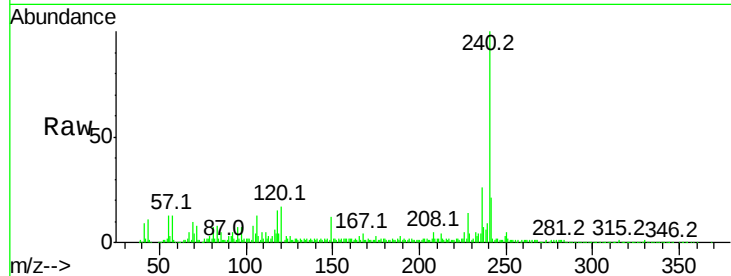
Tot Ion:228 Resp: 55699

Ion Ratio Lower Upper

228 100

226 33.5 22.4 33.6

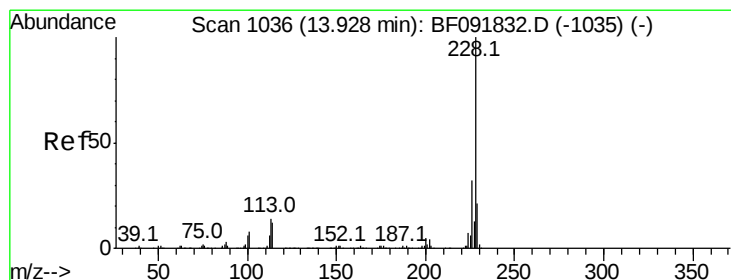
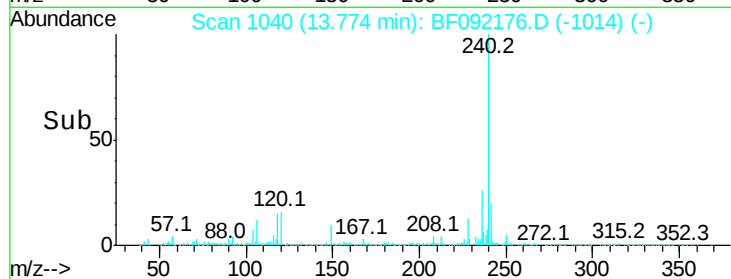
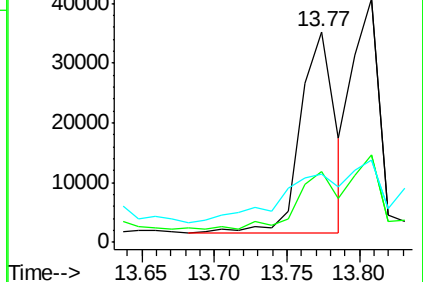
229 32.6 16.2 24.4#



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



#82

Chrysene

Concen: 2.52 ng m

RT: 13.81 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

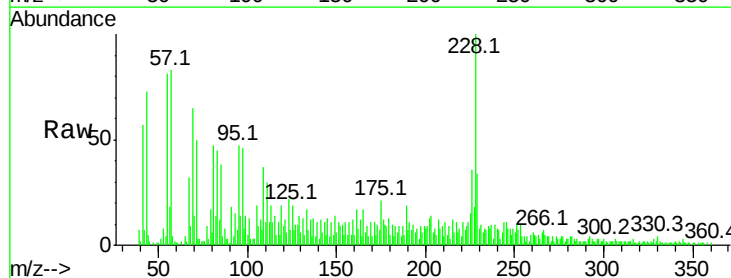
Tgt Ion:228 Resp: 53374

Ion Ratio Lower Upper

228 100

226 36.1 25.4 38.0

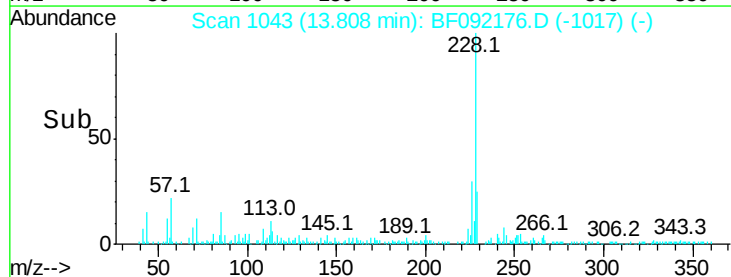
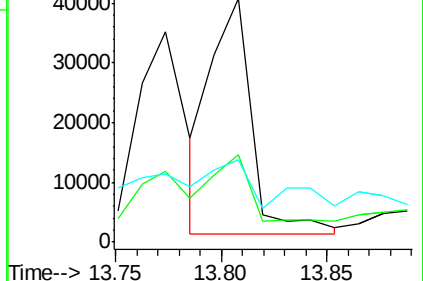
229 34.0 16.2 24.2#

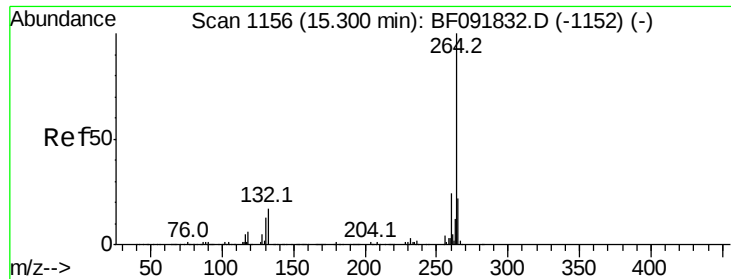


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

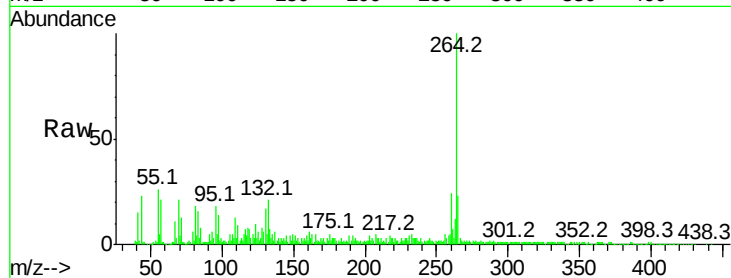




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.3	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

