

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092177.D
 Acq On : 10 Jan 2017 13:06
 Operator : UM/SJ
 Sample : I1045-02RE 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP2RE

Quant Time: Jan 10 15:45:07 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

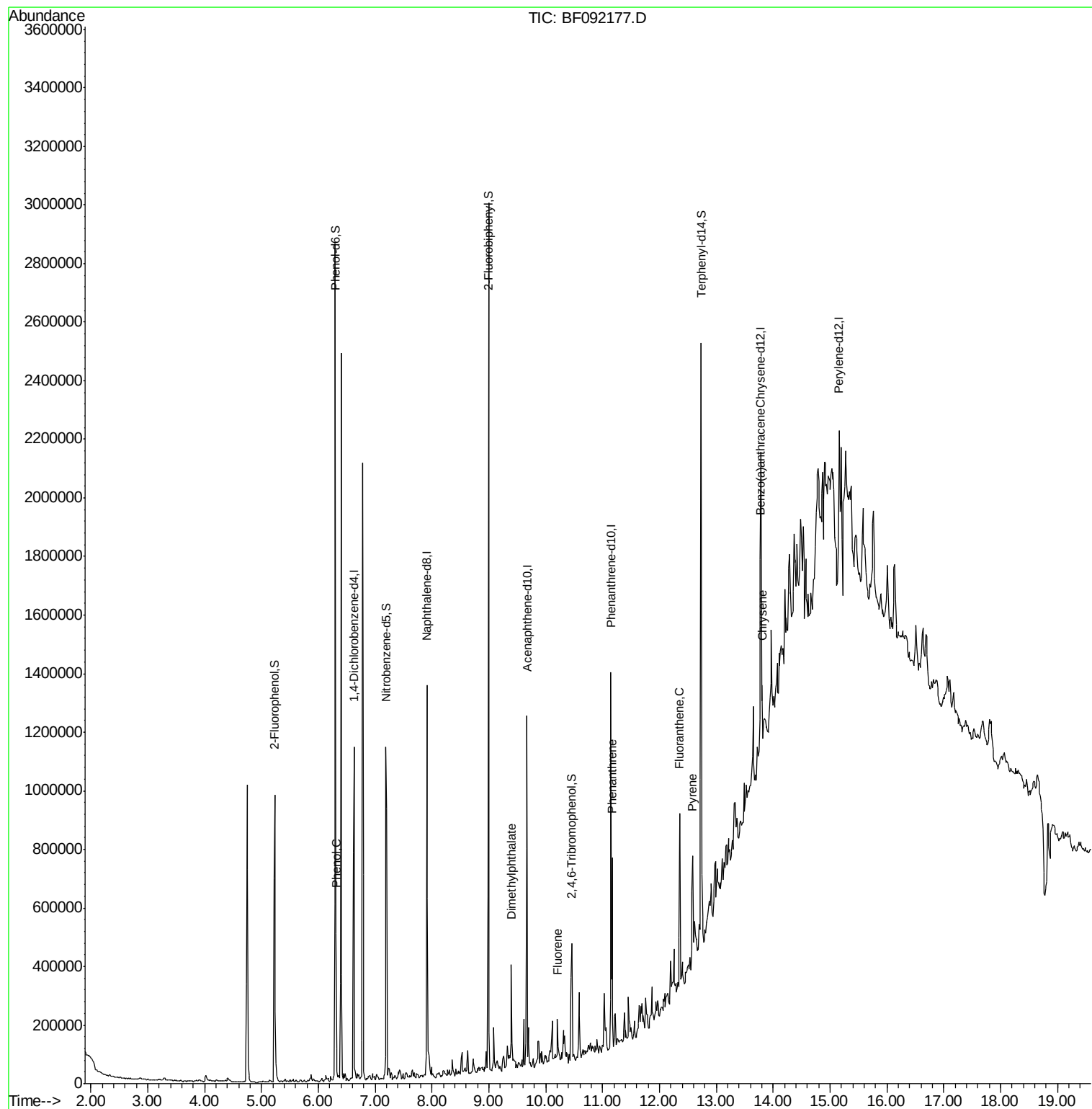
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	227217	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	664347	20.00	ng	-0.02
38) Acenaphthene-d10	9.67	164	320480	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	458667	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	377453	20.00	ng	0.00
86) Perylene-d12	15.16	264	254070	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	405170	29.77	ng	0.00
7) Phenol-d6	6.30	99	981590	59.08	ng	-0.01
23) Nitrobenzene-d5	7.19	82	534085	44.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	56447	21.28	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	868908	50.28	ng	-0.01
78) Terphenyl-d14	12.73	244	681963	43.82	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.31	94	56178	2.97	ng	# 73
49) Dimethylphthalate	9.40	163	133317	6.50	ng	100
57) Fluorene	10.21	166	38235	2.15	ng	96
70) Phenanthrene	11.17	178	234012	9.41	ng	97
74) Fluoranthene	12.36	202	243631	8.02	ng	94
77) Pyrene	12.58	202	199147	7.19	ng	98
80) Benzo(a)anthracene	13.77	228	92504	4.34	ng	# 93
82) Chrysene	13.81	228	95779m	4.48	ng	

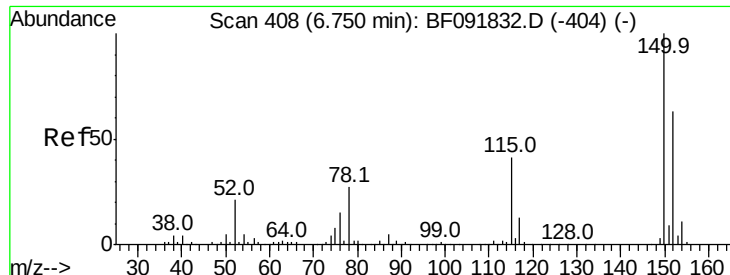
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

Instrument :

BNA_F

ClientSampleId :

P3-SP2RE

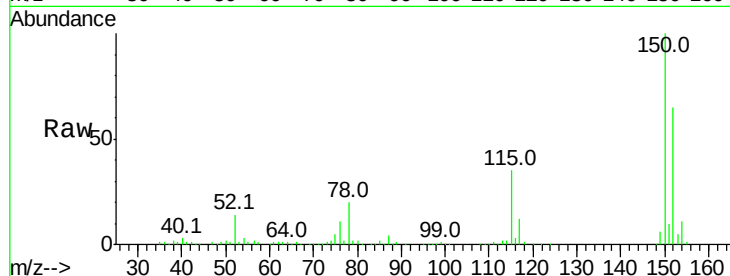
Tot Ion:152 Resp: 227217

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

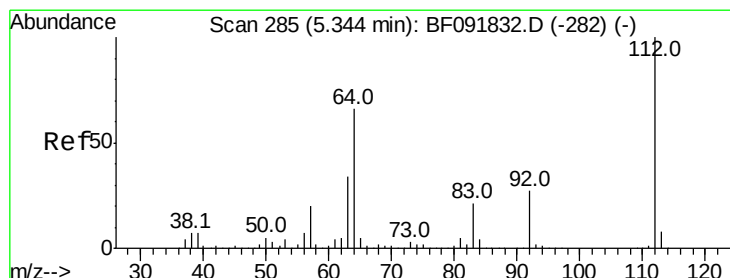
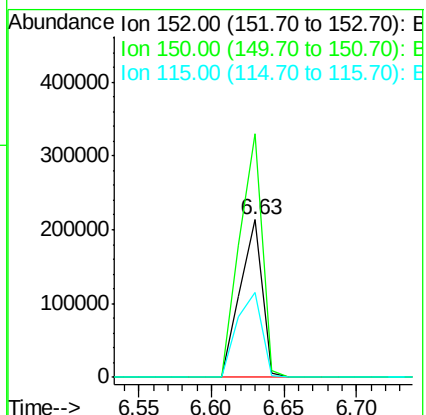
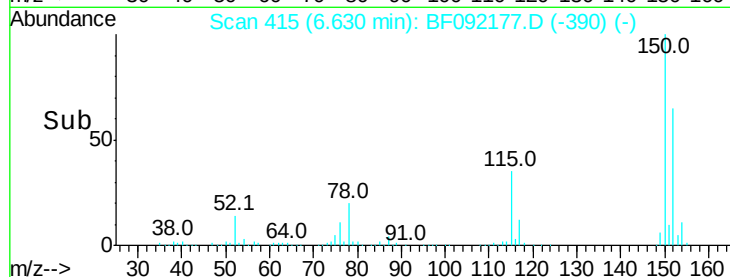
115 53.6 46.0 69.0



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: 29.77 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

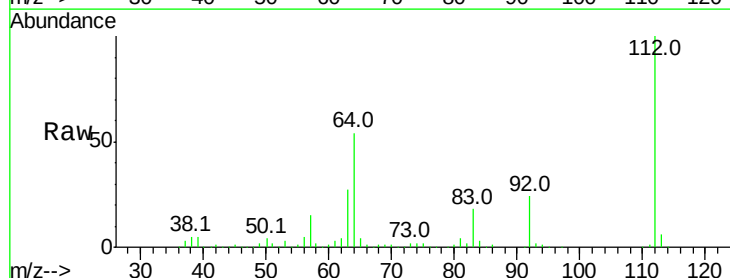
Tgt Ion:112 Resp: 405170

Ion Ratio Lower Upper

112 100

64 54.1 46.1 69.1

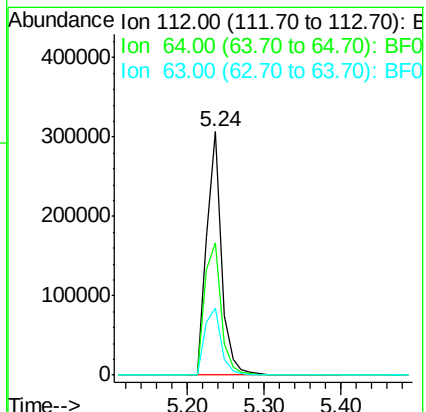
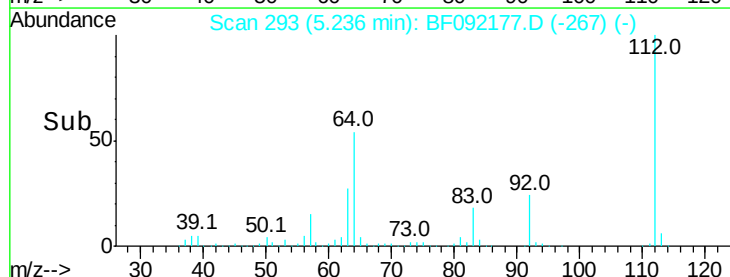
63 27.3 23.8 35.6

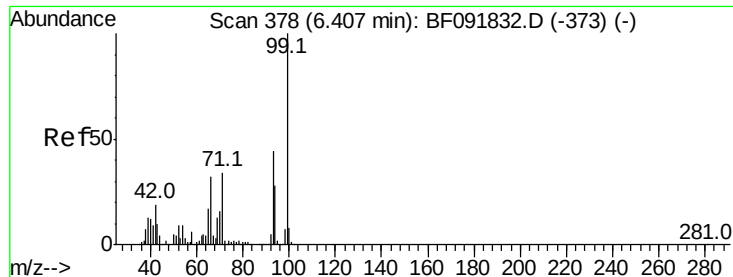


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.08 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

Instrument :

BNA_F

ClientSampleId :

P3-SP2RE

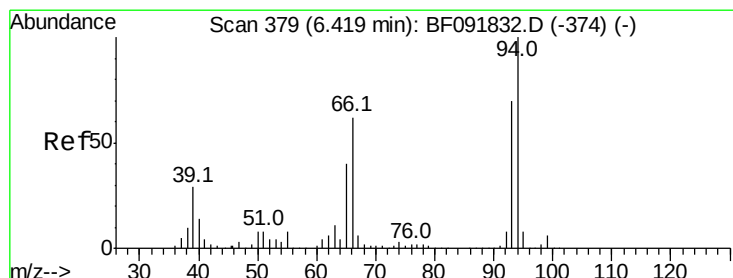
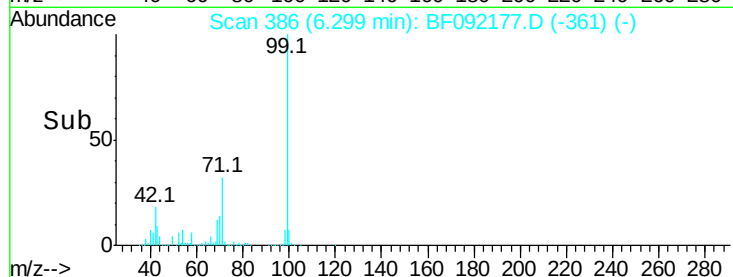
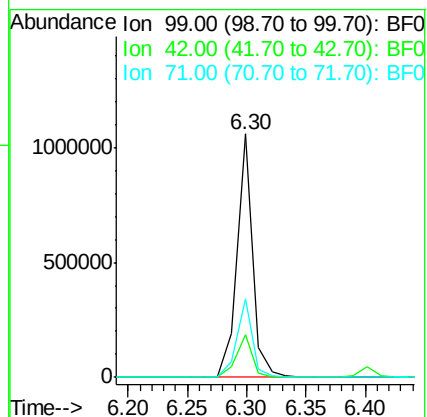
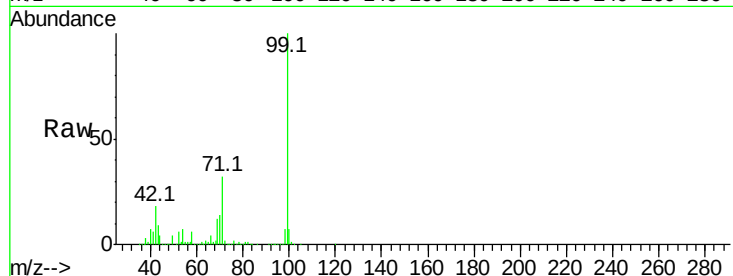
Tot Ion: 99 Resp: 981590

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

71 32.1 27.5 41.3



#10

Phenol

Concen: 2.97 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

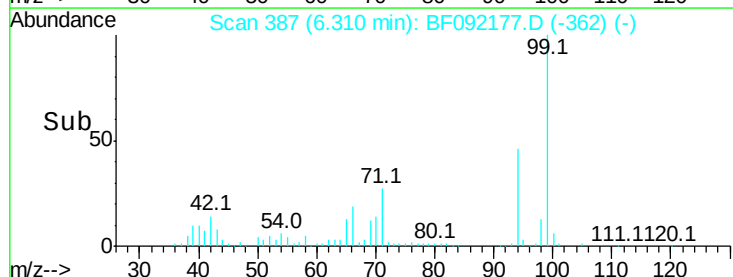
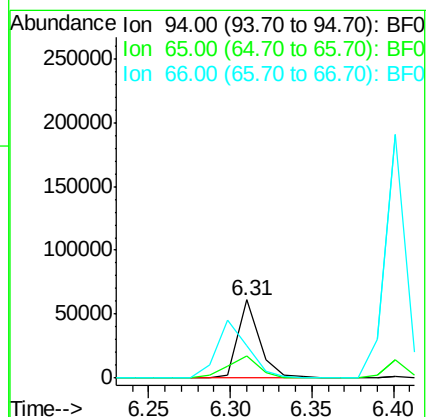
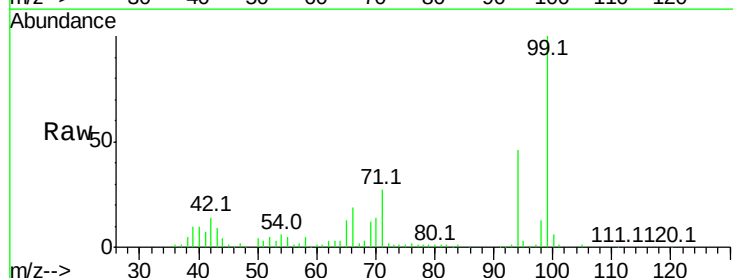
Tgt Ion: 94 Resp: 56178

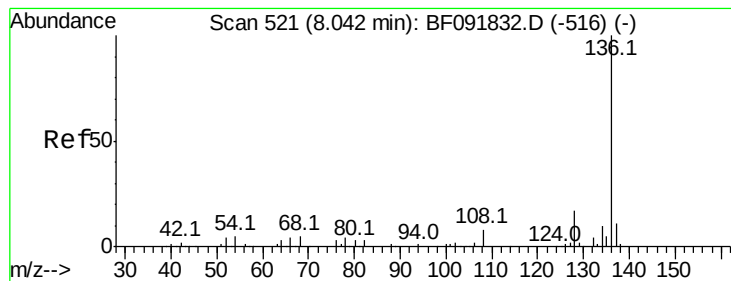
Ion Ratio Lower Upper

94 100

65 27.6 21.4 61.4

66 40.8 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

Instrument :

BNA_F

ClientSampleId :

P3-SP2RE

Tot Ion:136 Resp: 664347

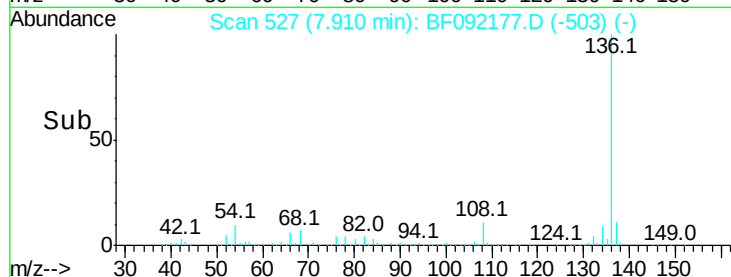
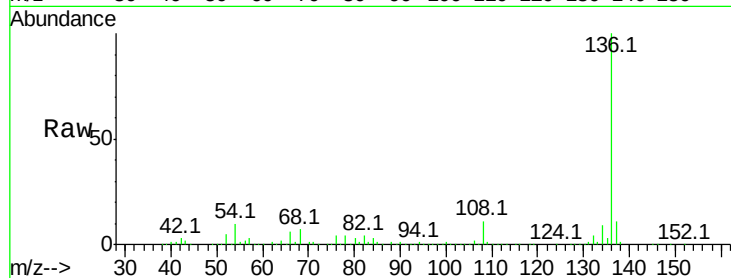
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.9 4.5 6.7#

68 7.5 3.6 5.4#

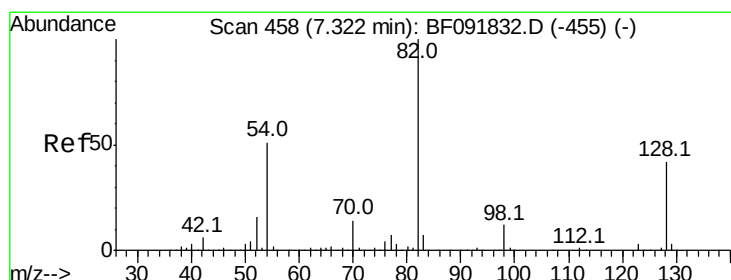
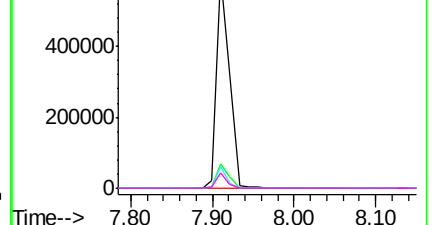


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 44.70 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

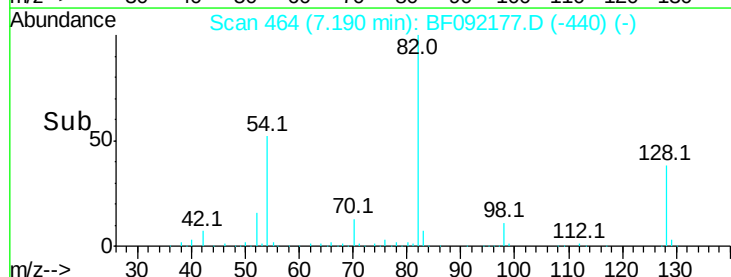
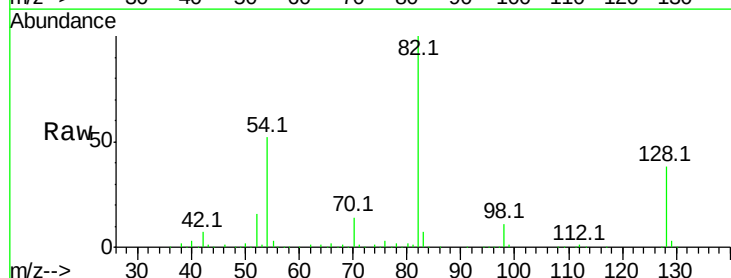
Tgt Ion: 82 Resp: 534085

Ion Ratio Lower Upper

82 100

128 38.4 34.6 52.0

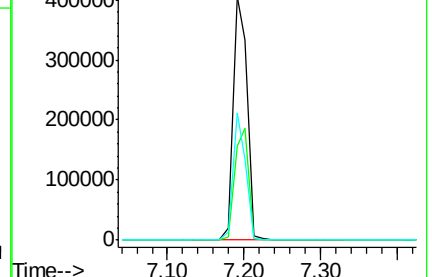
54 52.2 39.5 59.3

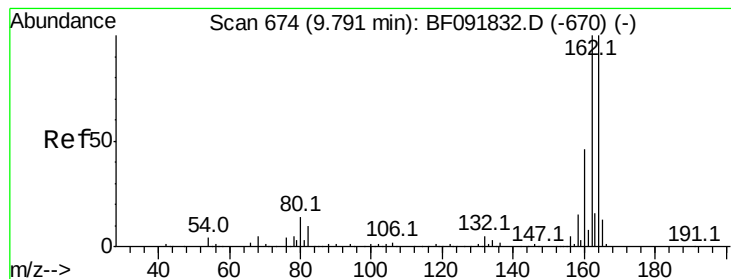


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

Instrument :

BNA_F

ClientSampleId :

P3-SP2RE

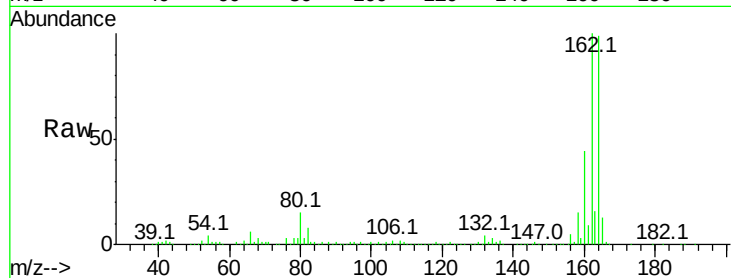
Tot Ion:164 Resp: 320480

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

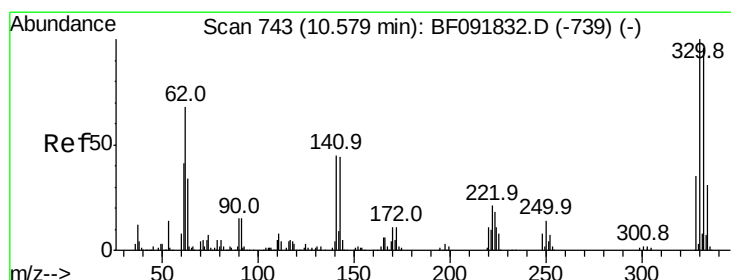
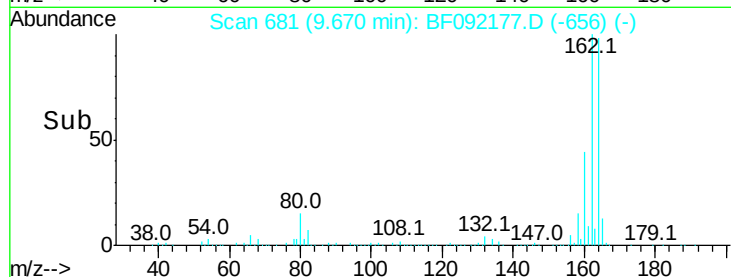
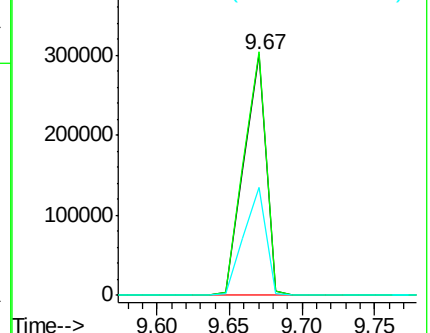
160 44.9 36.9 55.3



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: 21.28 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

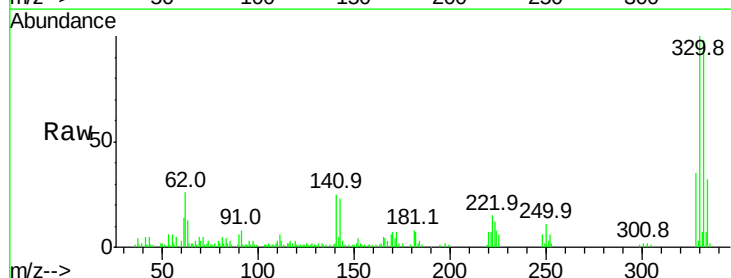
Tgt Ion:330 Resp: 56447

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

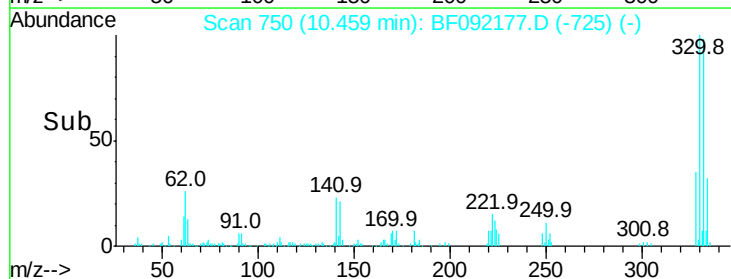
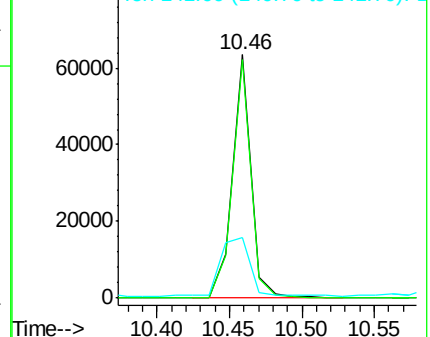
141 38.6 34.1 51.1

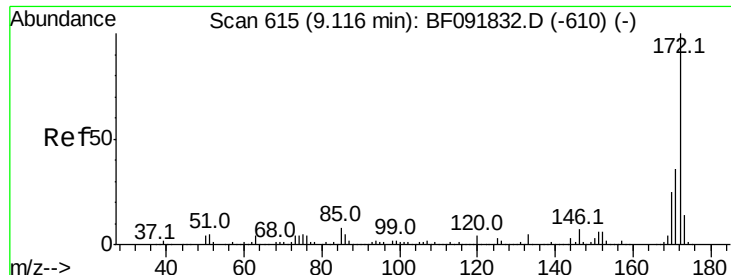


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

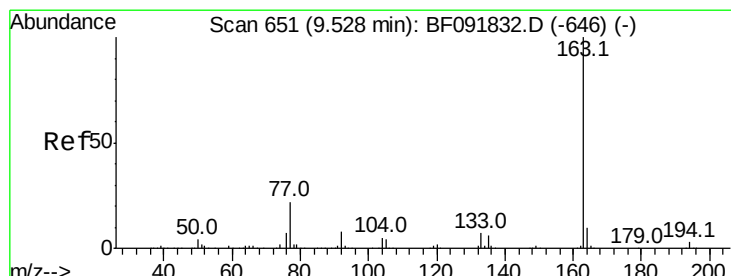
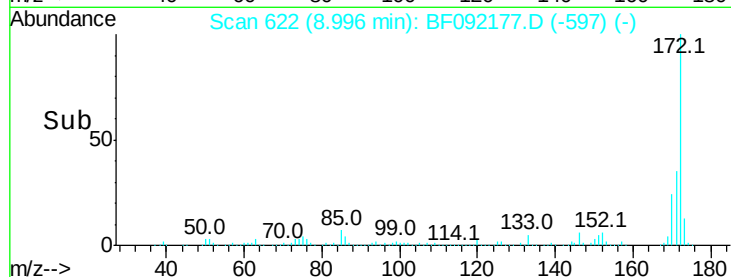
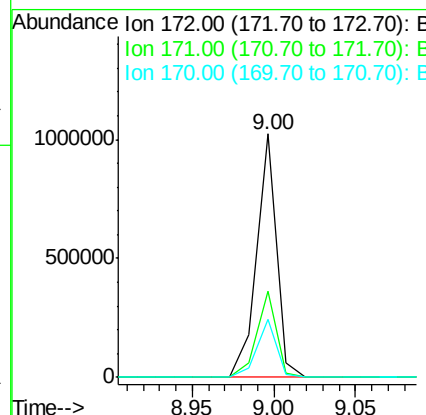
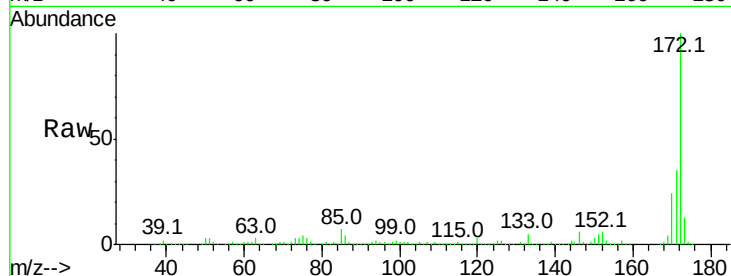




#44
2-Fluorobiphenyl
Concen: 50.28 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092177.D
Acq: 10 Jan 2017 13:06

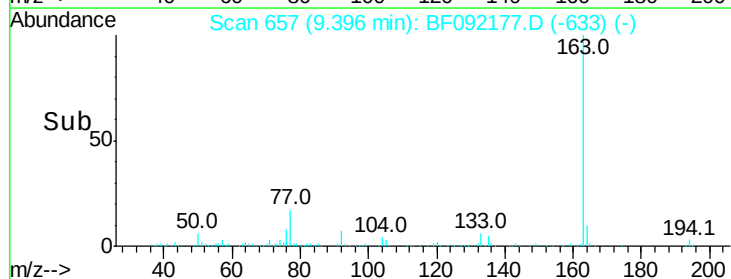
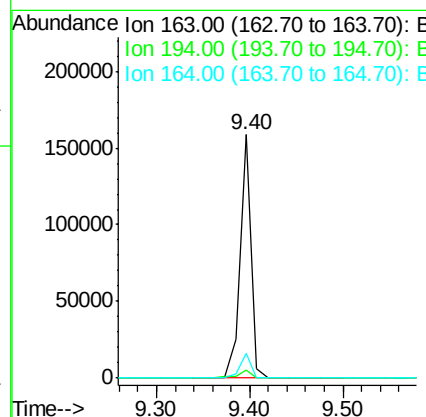
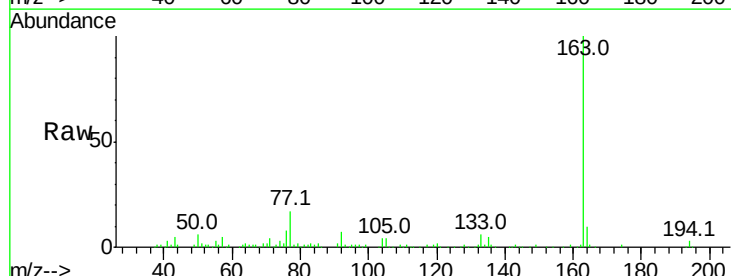
Instrument :
BNA_F
ClientSampleId :
P3-SP2RE

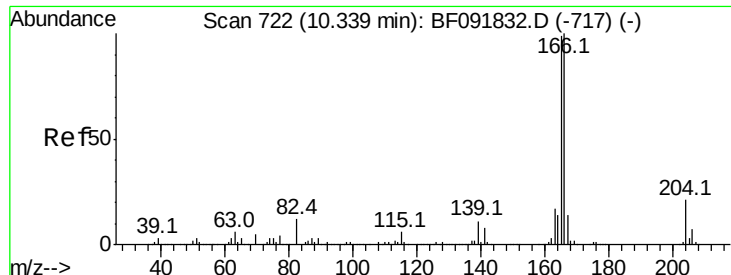
Tot Ion:172 Resp: 868908
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.7 20.2 30.4



#49
Dimethylphthalate
Concen: 6.50 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092177.D
Acq: 10 Jan 2017 13:06

Tgt Ion:163 Resp: 133317
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.0 12.0

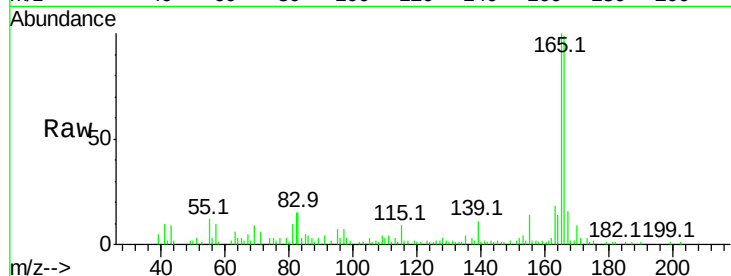




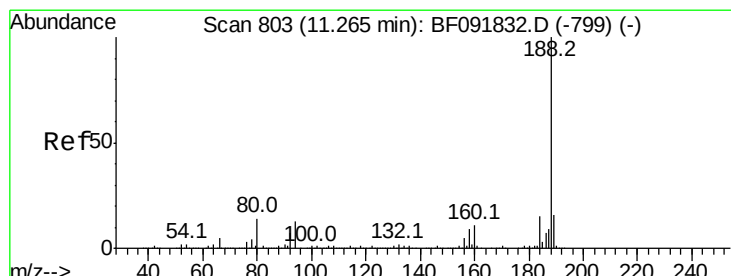
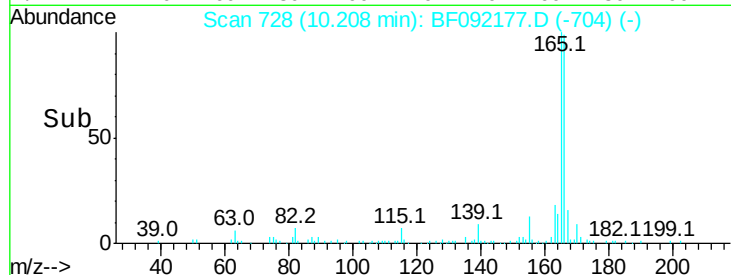
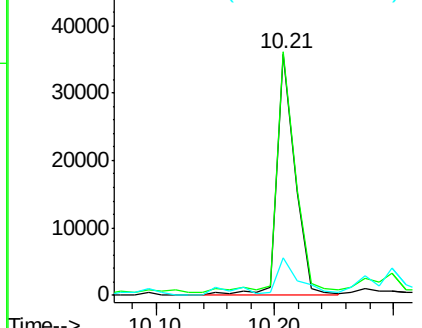
#57
Fluorene
Concen: 2.15 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092177.D
Acq: 10 Jan 2017 13:06

Instrument :
BNA_F
ClientSampleId :
P3-SP2RE

Tot Ion:166 Resp: 38235
Ion Ratio Lower Upper
166 100
165 100.8 77.8 116.8
167 15.8 10.8 16.2

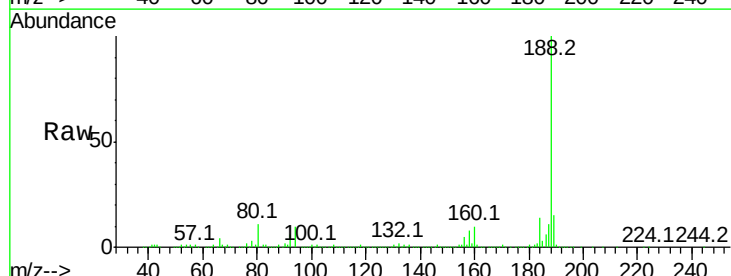


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

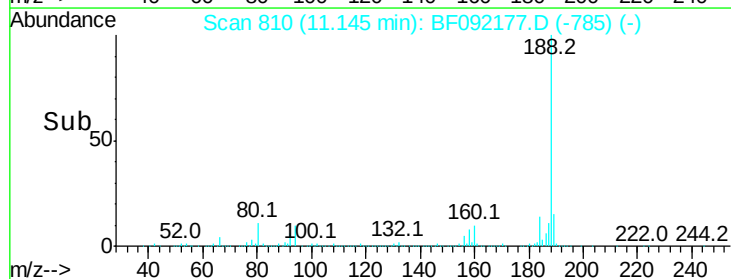
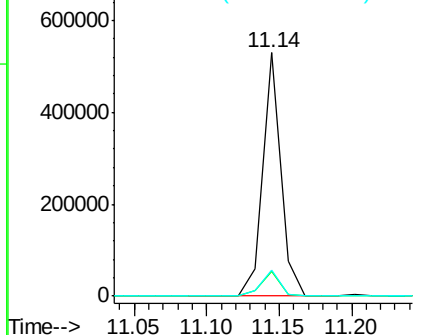


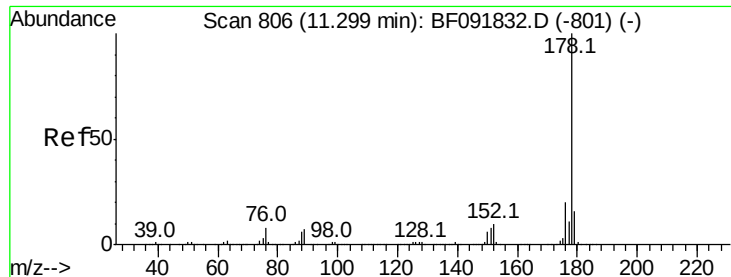
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092177.D
Acq: 10 Jan 2017 13:06

Tgt Ion:188 Resp: 458667
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 10.6 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

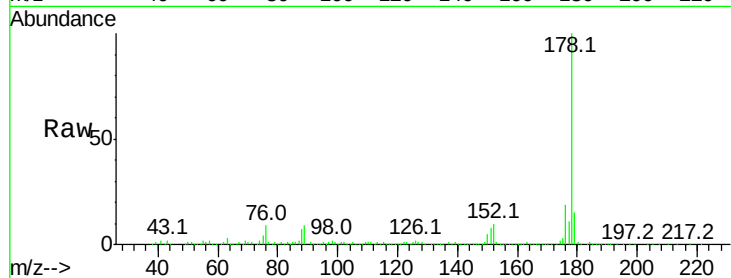




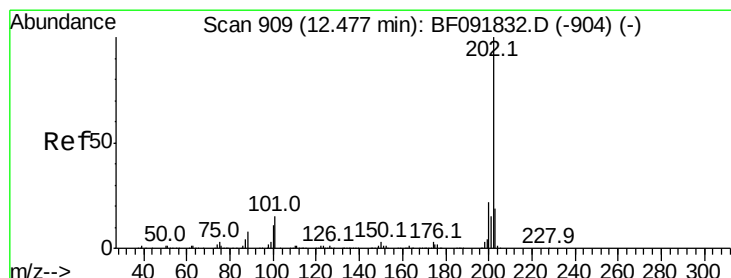
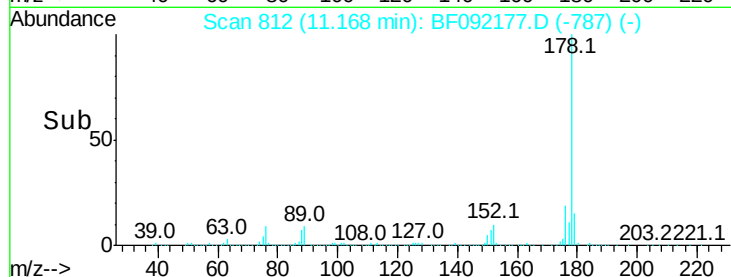
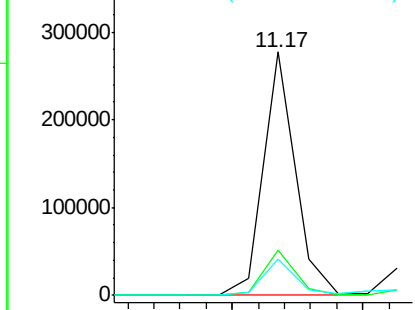
#70
Phenanthrene
Concen: 9.41 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092177.D
Acq: 10 Jan 2017 13:06

Instrument :
BNA_F
ClientSampleId :
P3-SP2RE

Tot Ion:178 Resp: 234012
Ion Ratio Lower Upper
178 100
176 18.7 16.6 25.0
179 15.1 12.8 19.2

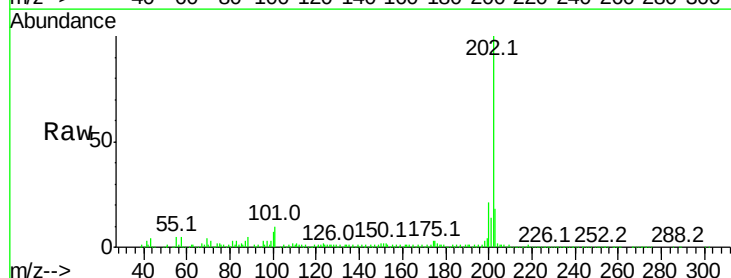


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

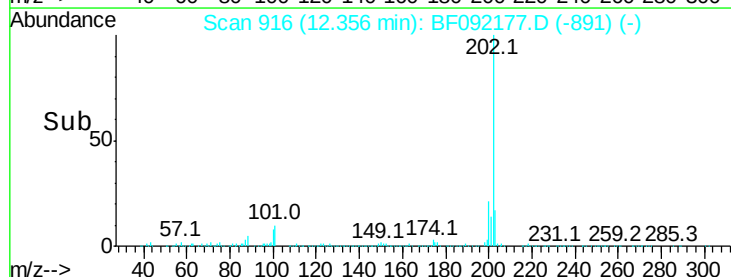
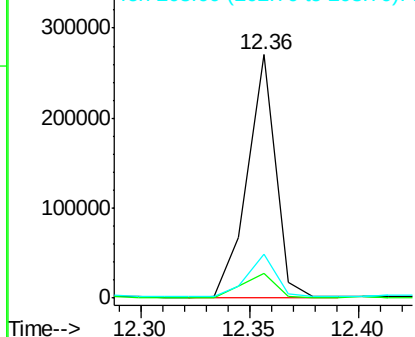


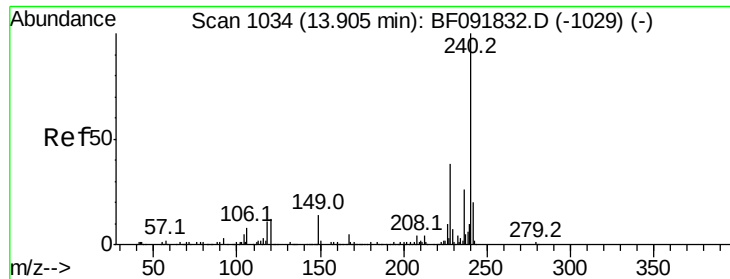
#74
Fluoranthene
Concen: 8.02 ng
RT: 12.36 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF092177.D
Acq: 10 Jan 2017 13:06

Tgt Ion:202 Resp: 243631
Ion Ratio Lower Upper
202 100
101 10.1 0.0 34.6
203 17.8 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: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

Instrument :

BNA_F

ClientSampleId :

P3-SP2RE

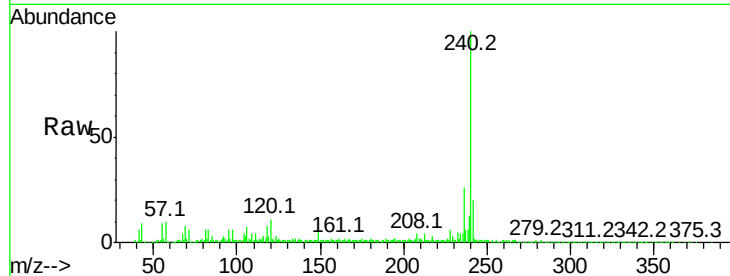
Tot Ion:240 Resp: 377453

Ion Ratio Lower Upper

240 100

120 10.7 12.9 19.3#

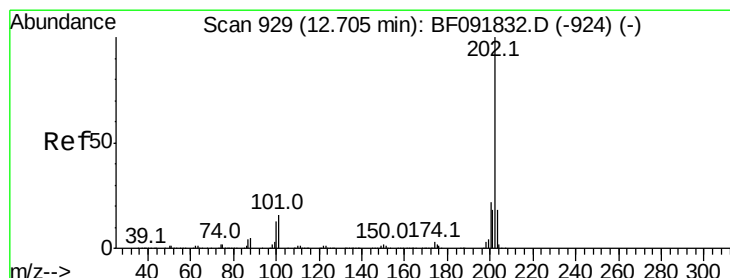
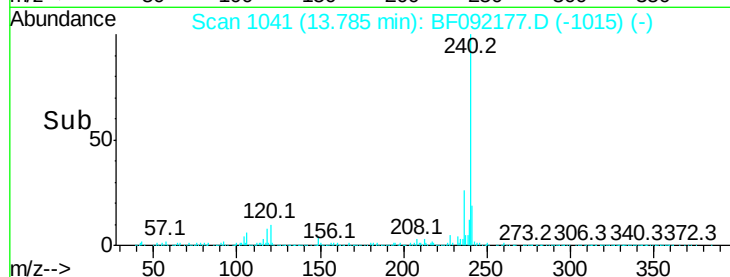
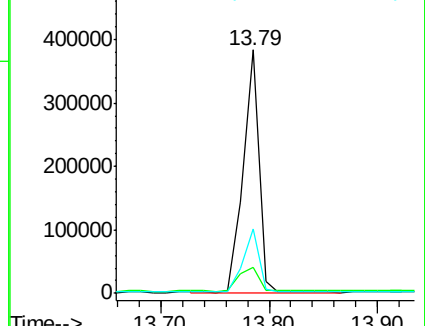
236 26.4 20.9 31.3



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: 7.19 ng

RT: 12.58 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

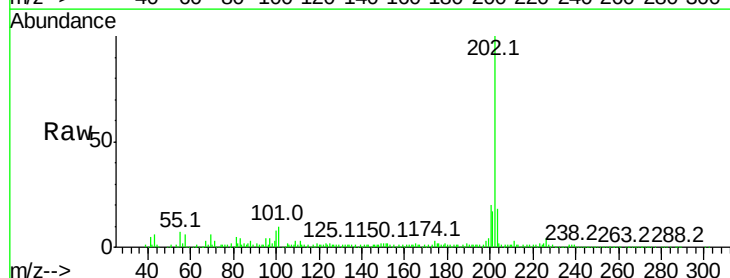
Tgt Ion:202 Resp: 199147

Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

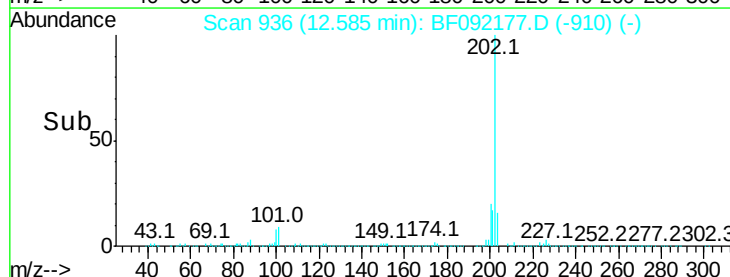
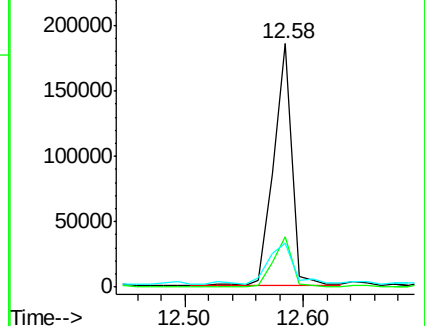
203 17.8 14.7 22.1

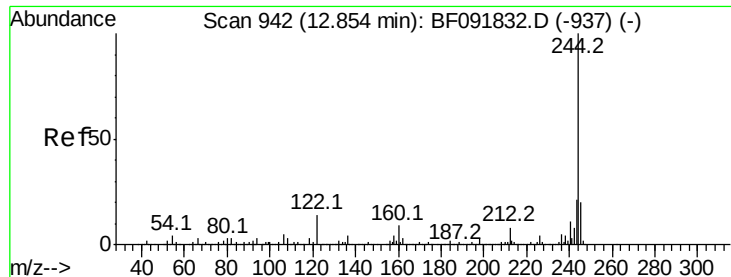


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 43.82 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

Instrument :

BNA_F

ClientSampleId :

P3-SP2RE

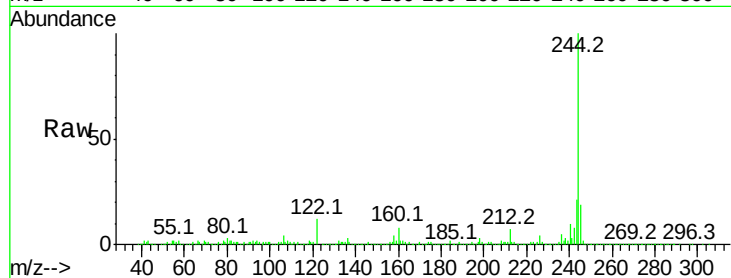
Tot Ion:244 Resp: 681963

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

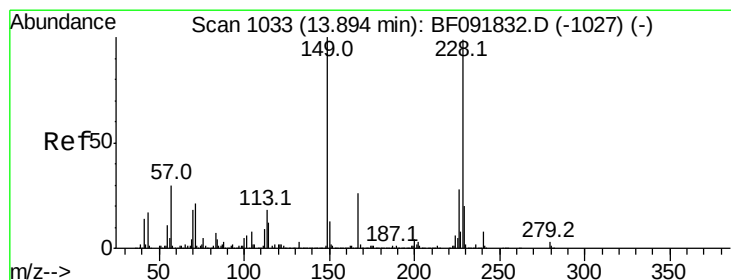
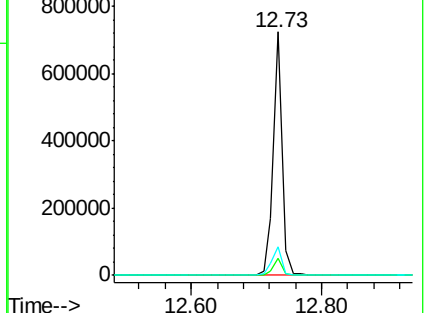
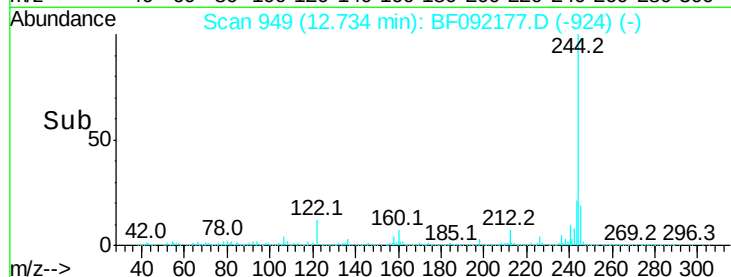
122 11.6 11.4 17.2



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: 4.34 ng

RT: 13.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092177.D

Acq: 10 Jan 2017 13:06

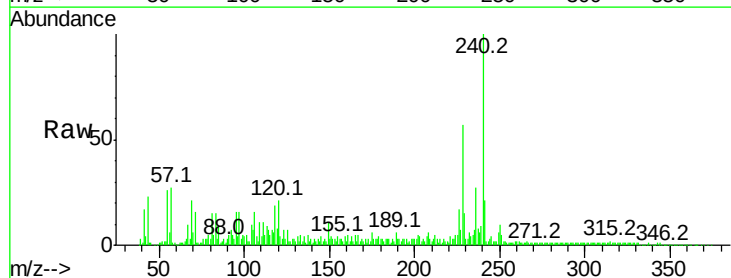
Tgt Ion:228 Resp: 92504

Ion Ratio Lower Upper

228 100

226 29.5 22.4 33.6

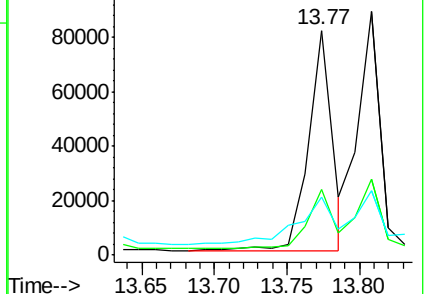
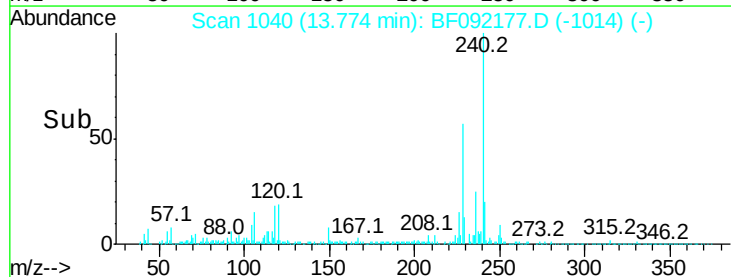
229 26.0 16.2 24.4#

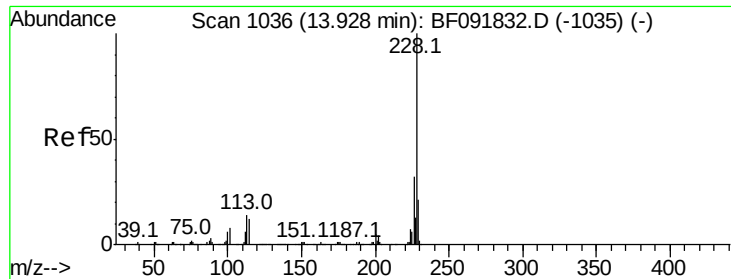


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

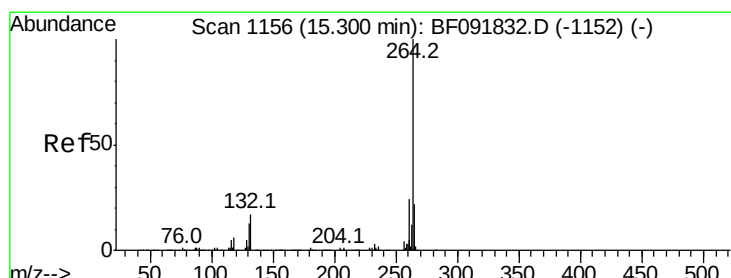
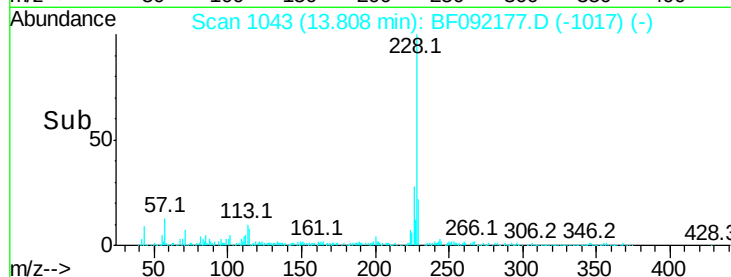
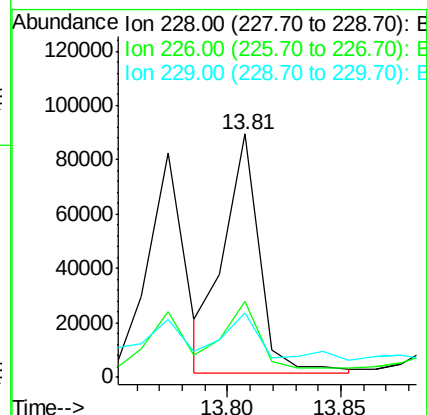
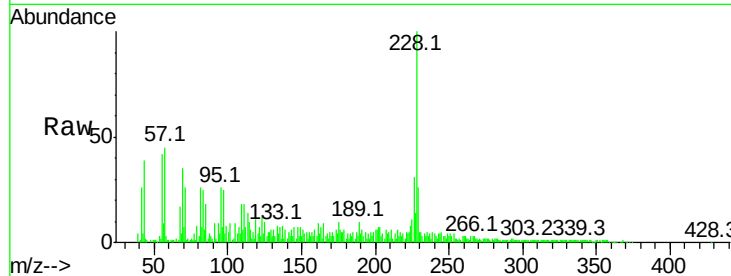




#82
Chrysene
Concen: 4.48 ng/mL
RT: 13.81 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF092177.D
Acq: 10 Jan 2017 13:06

Instrument :
BNA_F
ClientSampleId :
P3-SP2RE

Tot Ion: 228 Resp: 95779
Ion Ratio Lower Upper
228 100
226 31.1 25.4 38.0
229 26.4 16.2 24.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092177.D
Acq: 10 Jan 2017 13:06

Tgt Ion: 264 Resp: 254070
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 24.1 17.4 26.0

