

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082543.D
 Acq On : 27 Oct 2015 11:05
 Operator : UM/IZ
 Sample : G4117-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-08(0-2)

Quant Time: Oct 27 12:27:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

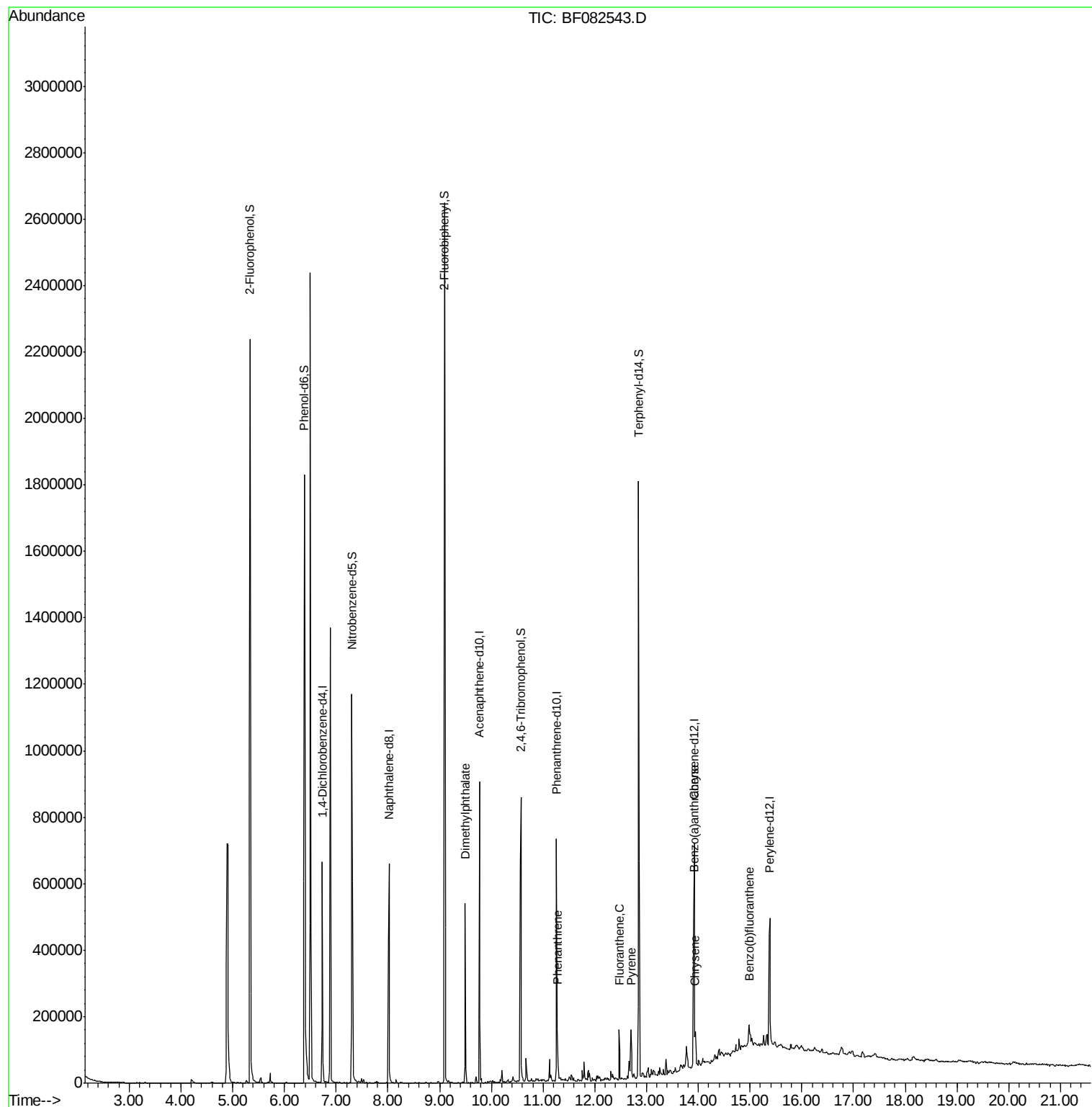
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	112121	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	402561	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	179598	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	281362	20.00	ng	0.00
75) Chrysene-d12	13.92	240	289621	20.00	ng	0.01
86) Perylene-d12	15.38	264	209186	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	712595	125.47	ng	0.02
7) Phenol-d6	6.39	99	854554	115.44	ng	0.01
23) Nitrobenzene-d5	7.30	82	498539	79.89	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	132782	98.73	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	849239	75.19	ng	0.00
78) Terphenyl-d14	12.85	244	624123	62.08	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	211194	16.90	ng	100
70) Phenanthrene	11.28	178	60229	4.16	ng	98
74) Fluoranthene	12.47	202	76860	5.17	ng	97
77) Pyrene	12.70	202	77088	4.33	ng	98
80) Benzo(a)anthracene	13.91	228	36948	2.38	ng	99
82) Chrysene	13.94	228	42623	2.91	ng	99
87) Benzo(b)fluoranthene	14.98	252	40867m	3.29	ng	

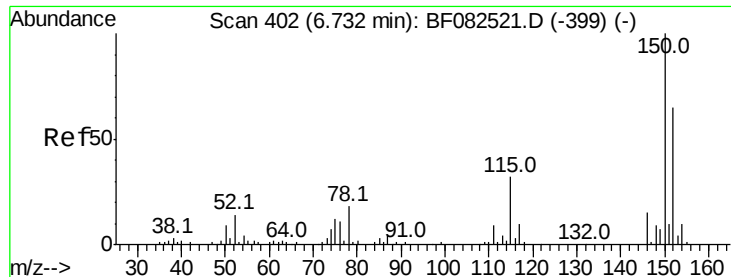
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

Instrument :

BNA_F

ClientSampleId :

AB-AC-08(0-2)

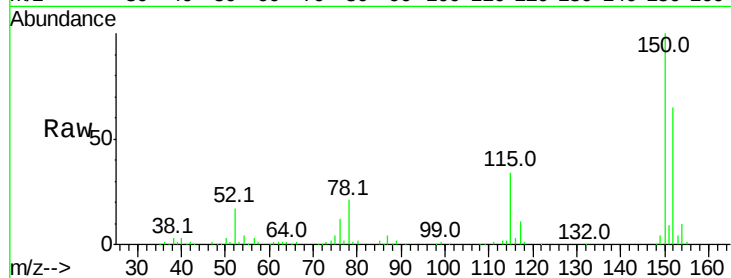
Tot Ion:152 Resp: 112121

Ion Ratio Lower Upper

152 100

150 153.3 123.4 185.0

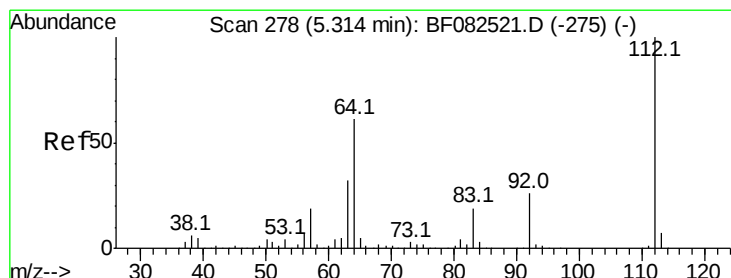
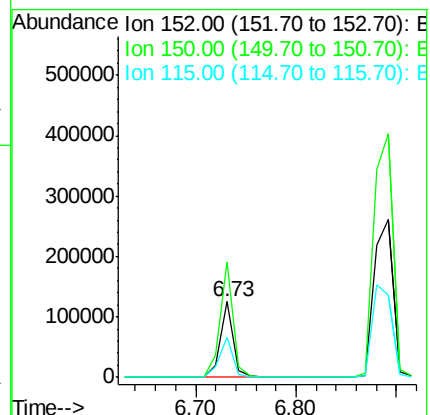
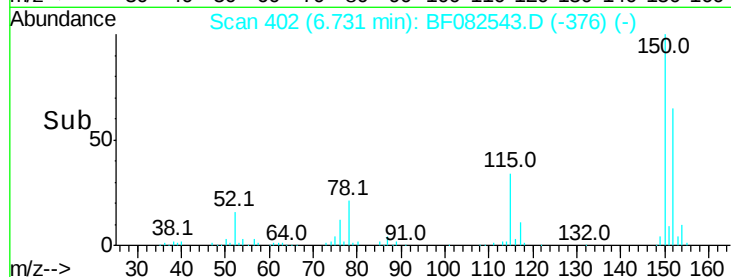
115 52.3 39.0 58.4



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: 125.47 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

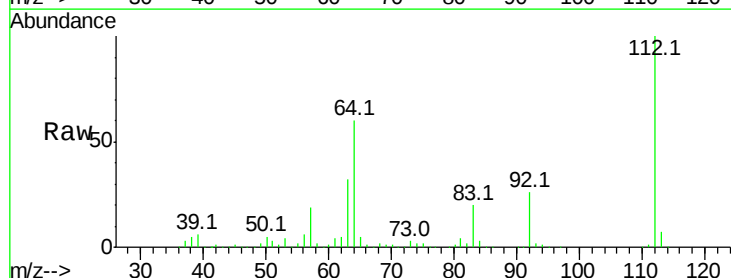
Tgt Ion:112 Resp: 712595

Ion Ratio Lower Upper

112 100

64 60.0 49.0 73.4

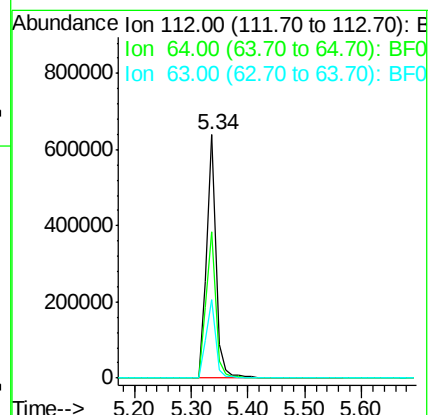
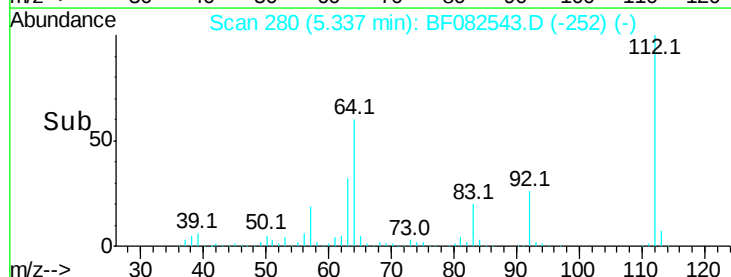
63 32.3 25.8 38.6

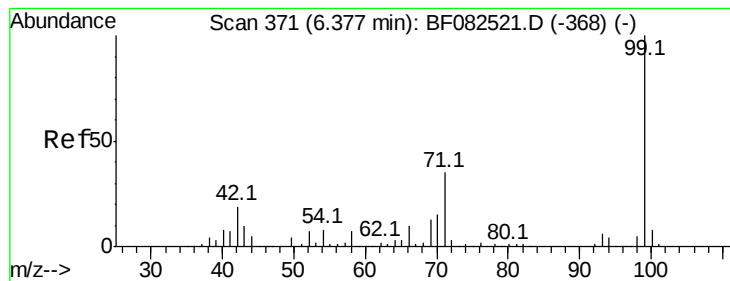


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.44 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

Instrument :

BNA_F

ClientSampleId :

AB-AC-08(0-2)

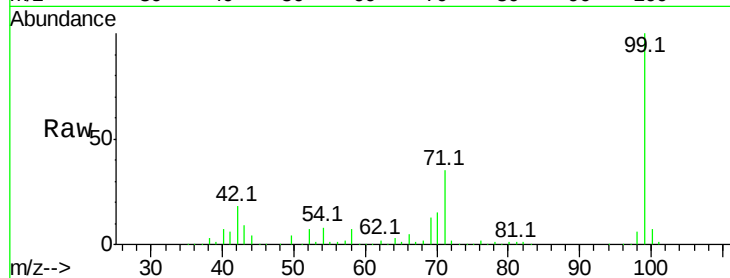
Tot Ion: 99 Resp: 854554

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

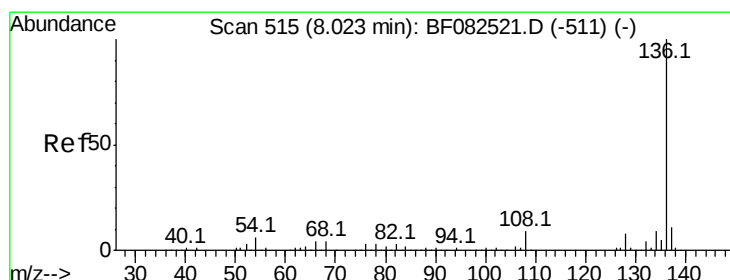
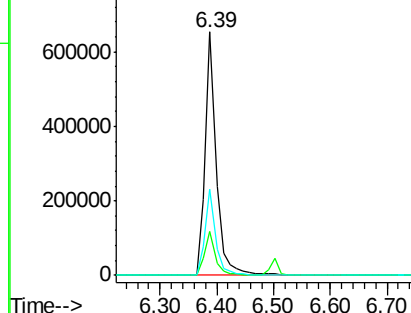
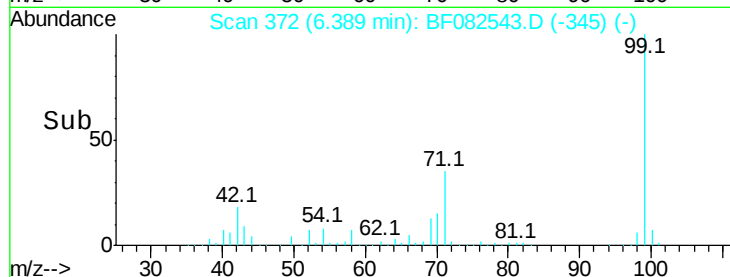
71 35.4 28.2 42.2



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: 8.02 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

Tgt Ion: 136 Resp: 402561

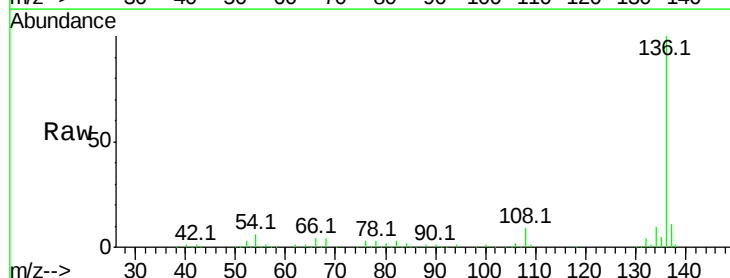
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.9 4.6 7.0

68 3.9 3.2 4.8

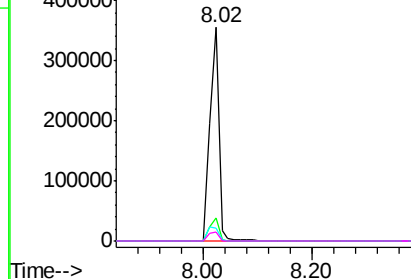
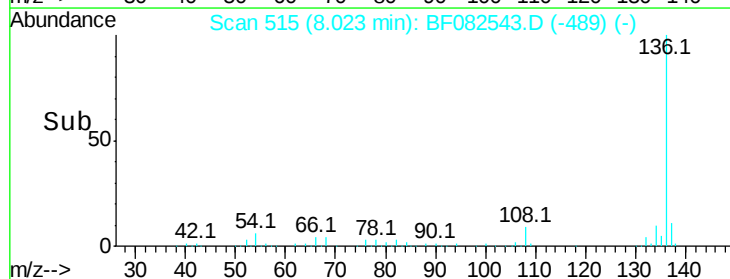


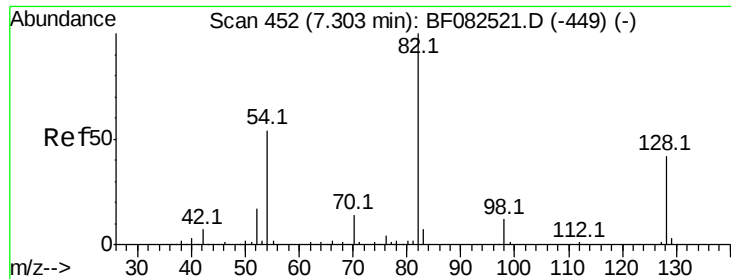
Abundance Ion 136.00 (135.70 to 136.70): E

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

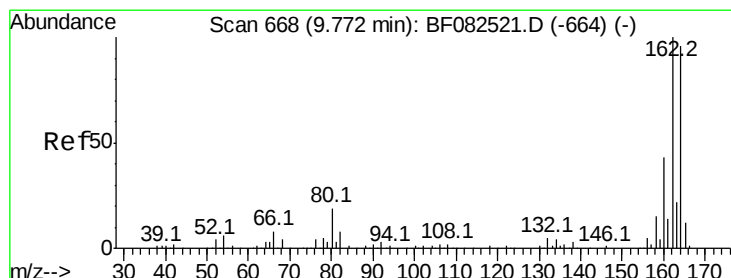
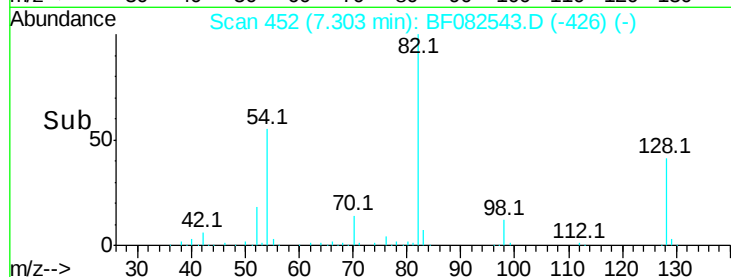
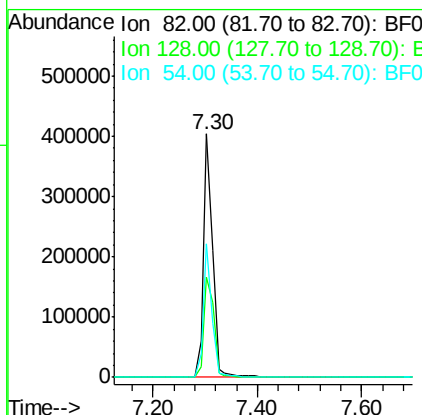
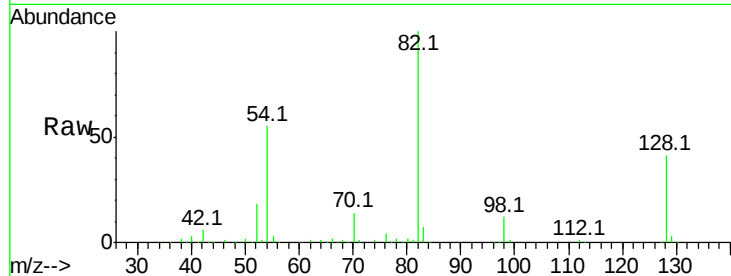




#23
 Nitrobenzene-d5
 Concen: 79.89 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF082543.D
 Acq: 27 Oct 2015 11:05

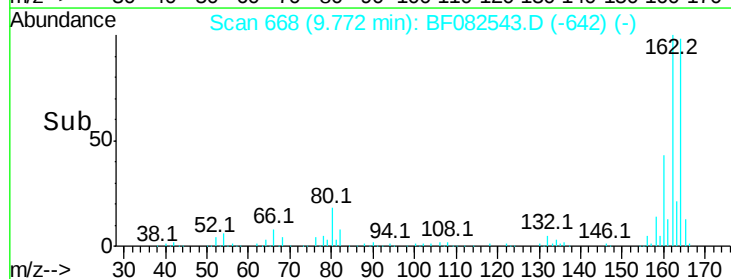
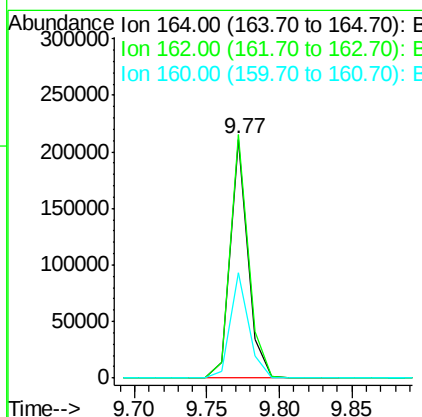
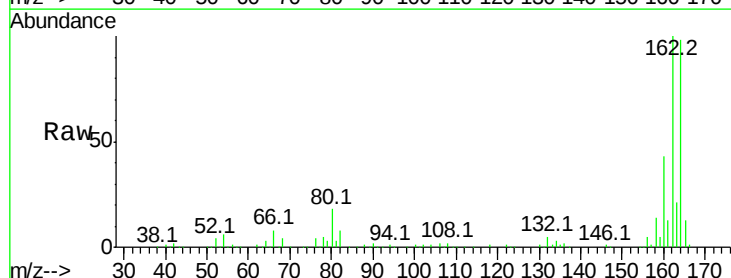
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-08(0-2)

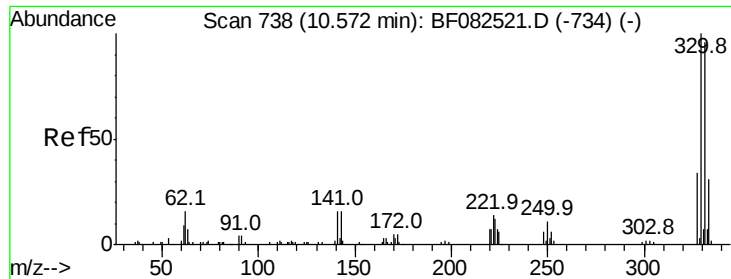
Tot Ion	82	Resp	498539
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.4	50.0
54	54.9	43.5	65.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF082543.D
 Acq: 27 Oct 2015 11:05

Tgt Ion	164	Resp	179598
Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.6	125.4
160	44.1	36.0	54.0

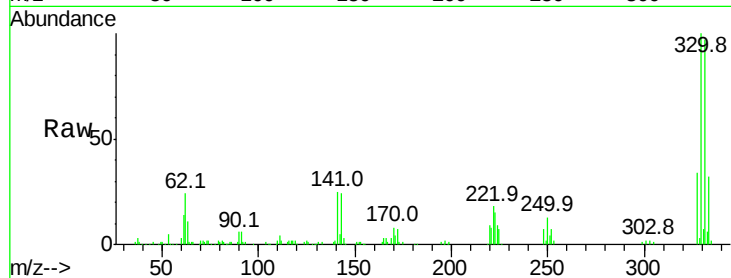




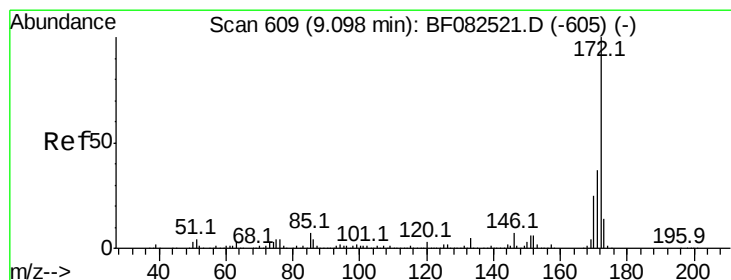
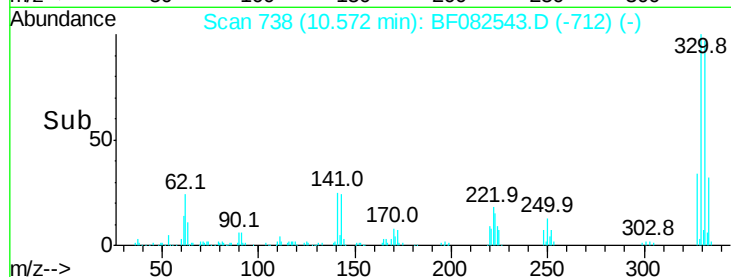
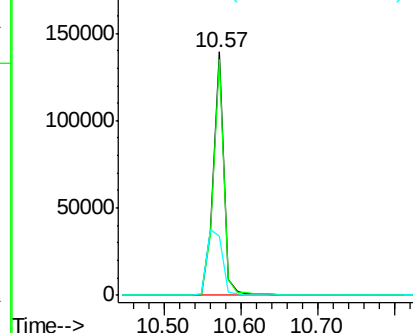
#41
 2,4,6-Tribromophenol
 Concen: 98.73 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082543.D
 Acq: 27 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-08(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	39.6	32.5	48.7

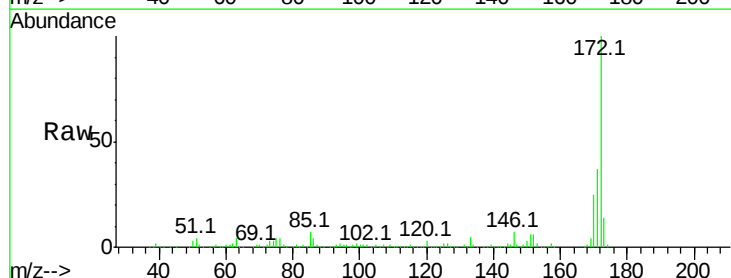


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

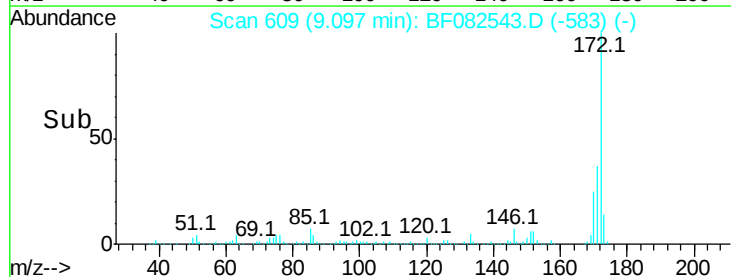
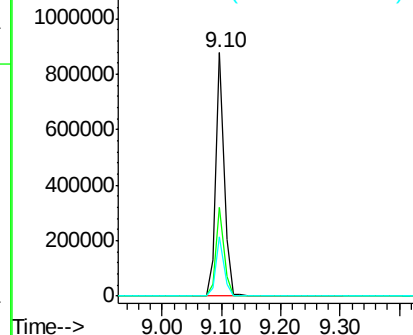


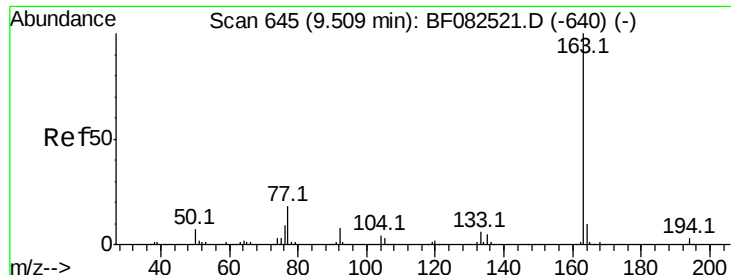
#44
 2-Fluorobiphenyl
 Concen: 75.19 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082543.D
 Acq: 27 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.5	19.8	29.6



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

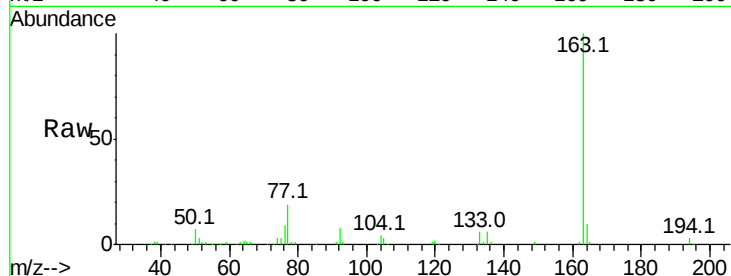




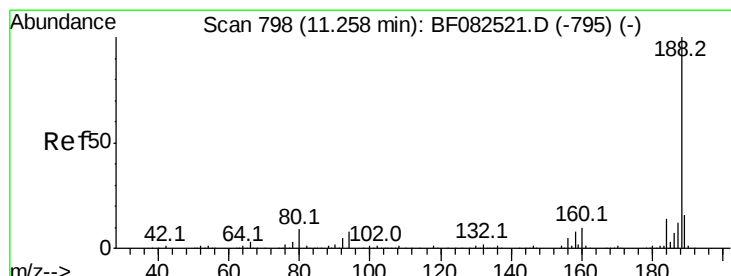
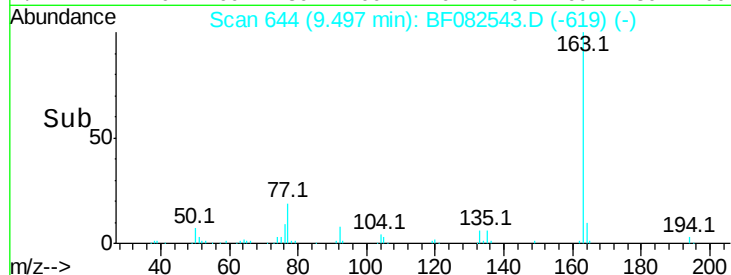
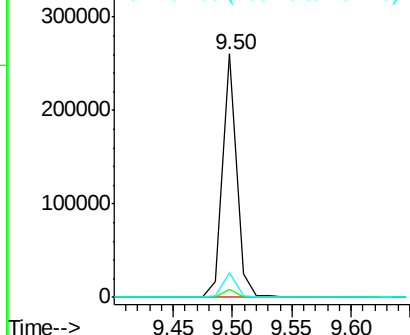
#49
Dimethylphthalate
Concen: 16.90 ng
RT: 9.50 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF082543.D
Acq: 27 Oct 2015 11:05

Instrument :
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ClientSampleId :
AB-AC-08(0-2)

Tot Ion:163 Resp: 211194
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.1 8.2 12.4

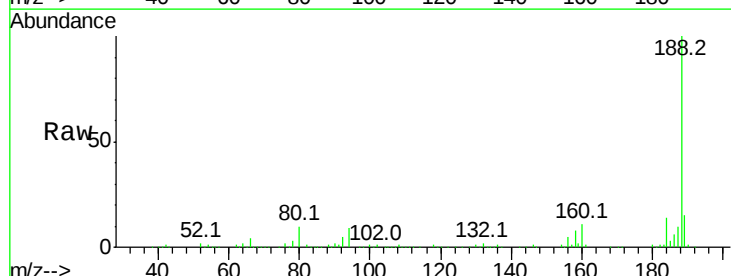


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

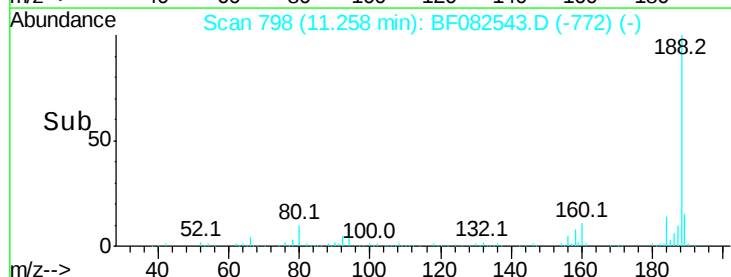
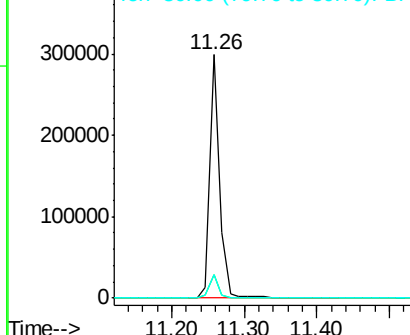


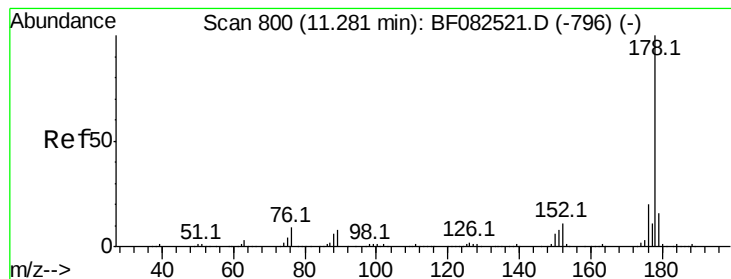
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF082543.D
Acq: 27 Oct 2015 11:05

Tgt Ion:188 Resp: 281362
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 9.8 7.0 10.6



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: 4.16 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

Instrument :

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ClientSampleId :

AB-AC-08(0-2)

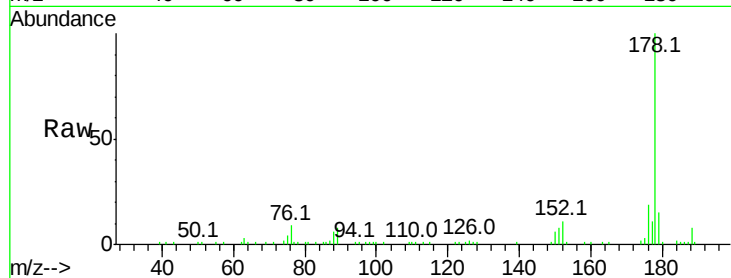
Tot Ion:178 Resp: 60229

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

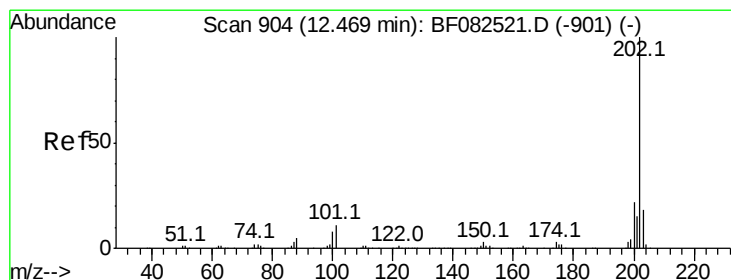
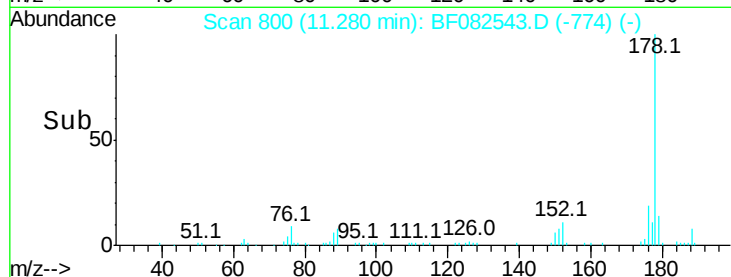
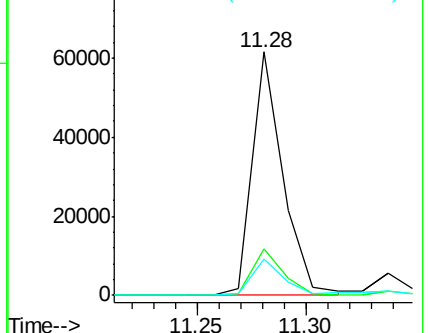
179 14.9 12.8 19.2



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



#74

Fluoranthene

Concen: 5.17 ng

RT: 12.47 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

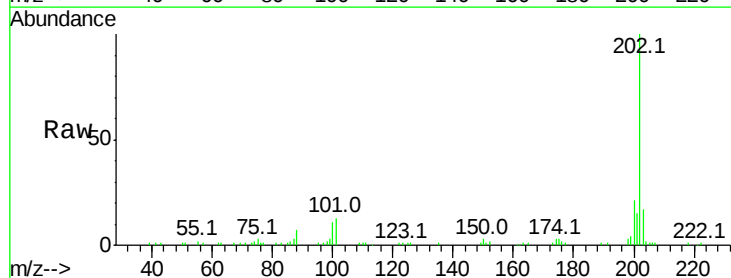
Tgt Ion:202 Resp: 76860

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.2

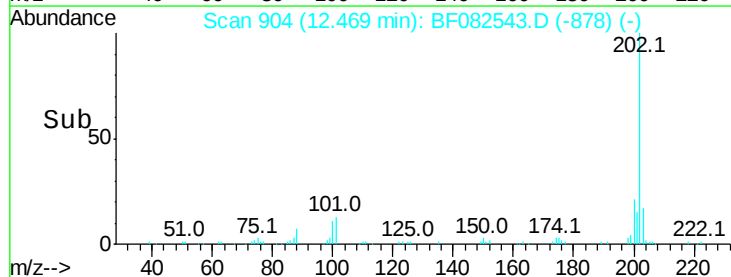
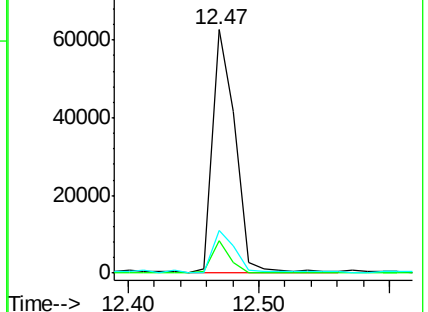
203 17.5 0.0 38.1

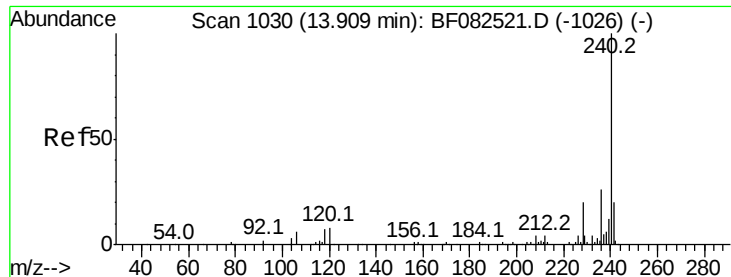


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

Instrument :

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AB-AC-08(0-2)

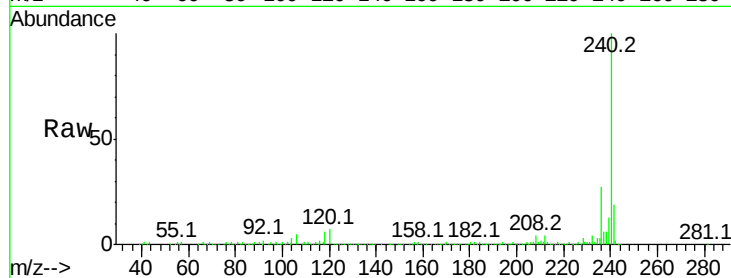
Tot Ion:240 Resp: 289621

Ion Ratio Lower Upper

240 100

120 7.2 6.5 9.7

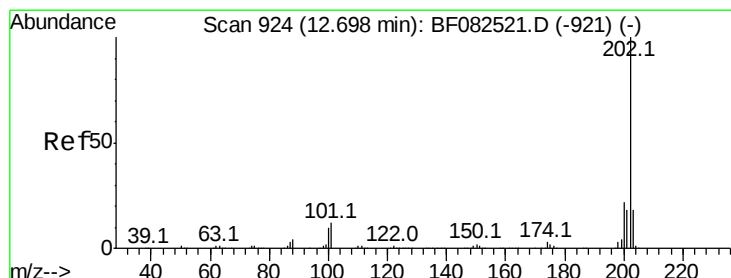
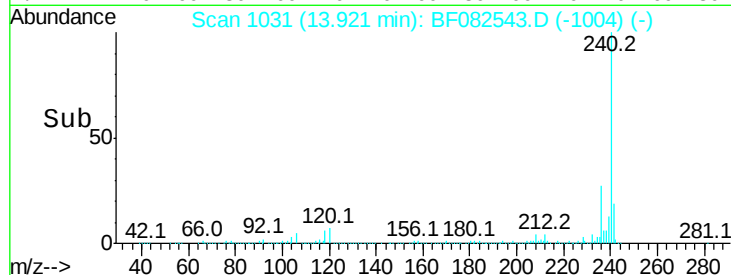
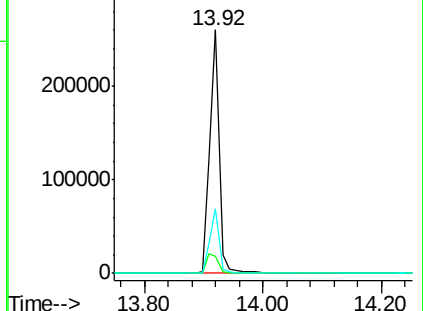
236 26.5 20.5 30.7



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

Pyrene

Concen: 4.33 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

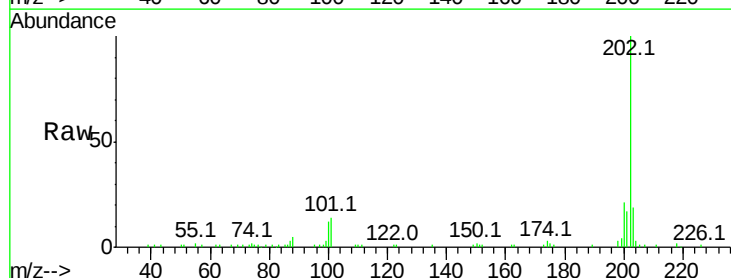
Tgt Ion:202 Resp: 77088

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

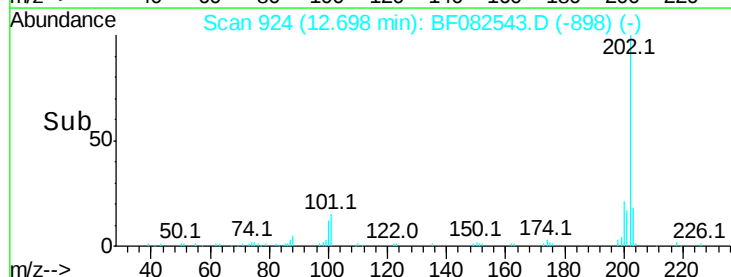
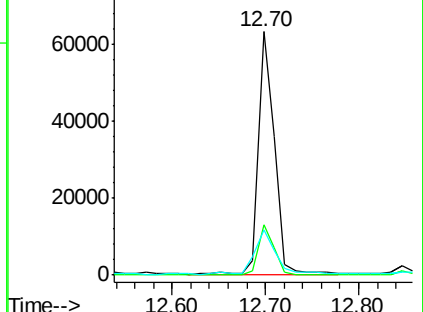
203 18.8 14.6 22.0

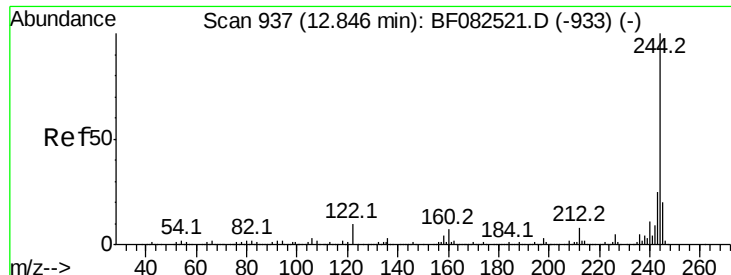


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.08 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

Instrument :

BNA_F

ClientSampleId :

AB-AC-08(0-2)

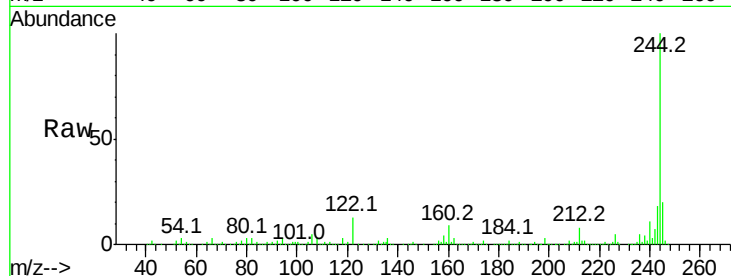
Tot Ion:244 Resp: 624123

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

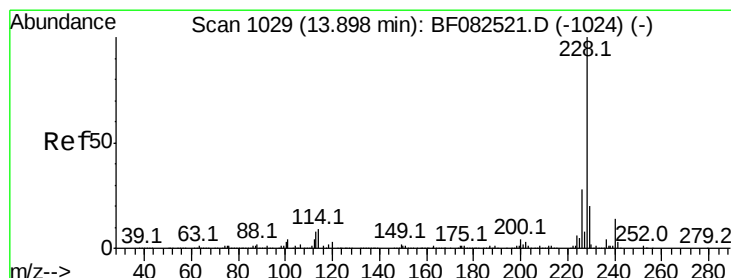
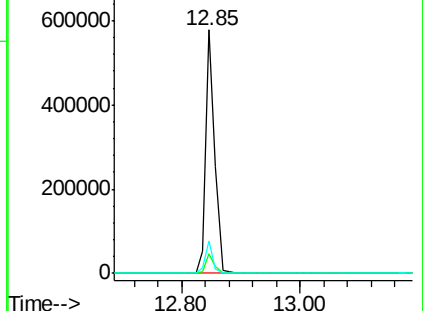
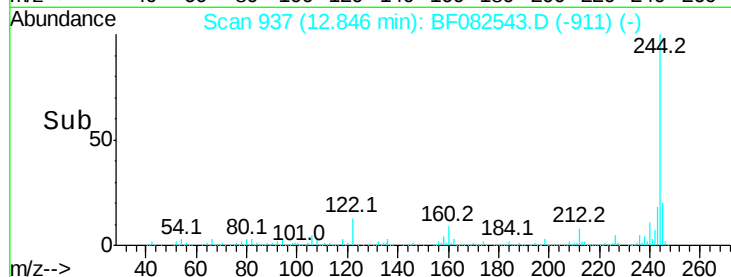
122 13.4 8.1 12.1#



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: 2.38 ng

RT: 13.91 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

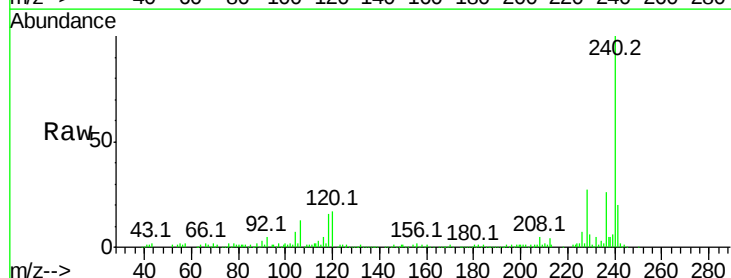
Tgt Ion:228 Resp: 36948

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

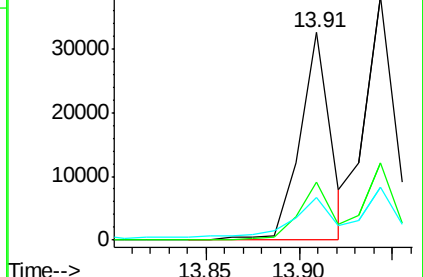
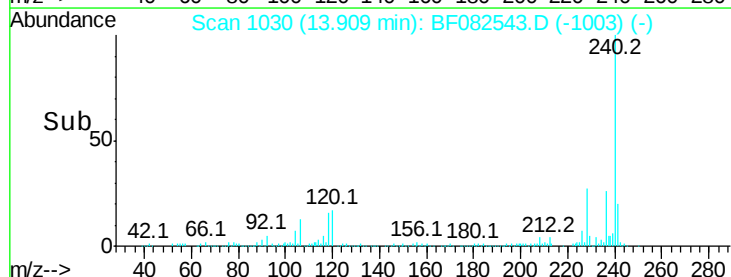
229 20.7 16.1 24.1

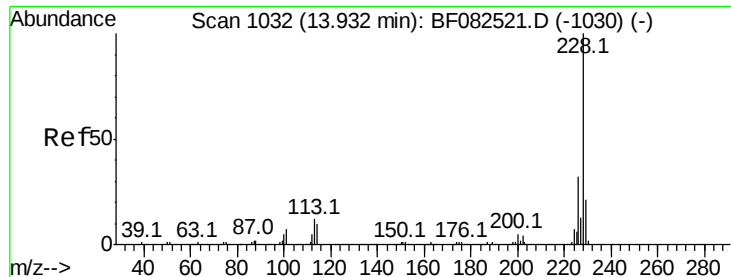


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.91 ng

RT: 13.94 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

Instrument :

BNA_F

ClientSampleId :

AB-AC-08(0-2)

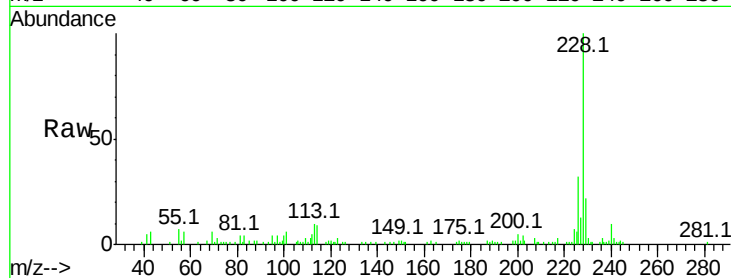
Tot Ion:228 Resp: 42623

Ion Ratio Lower Upper

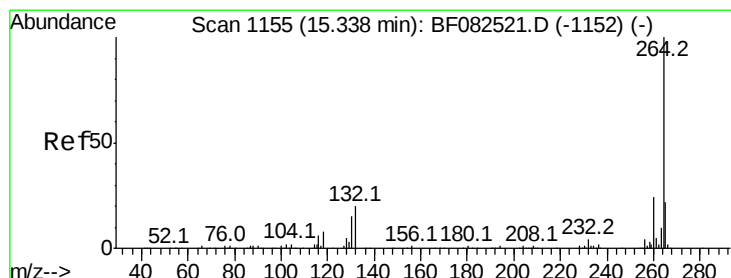
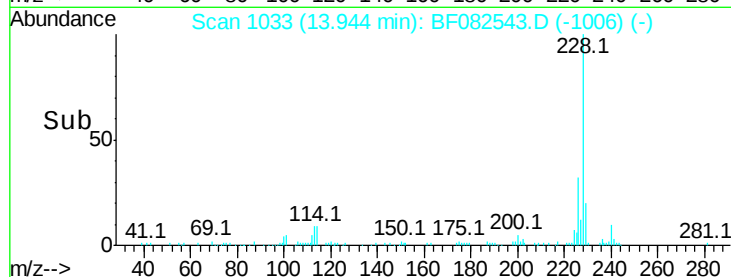
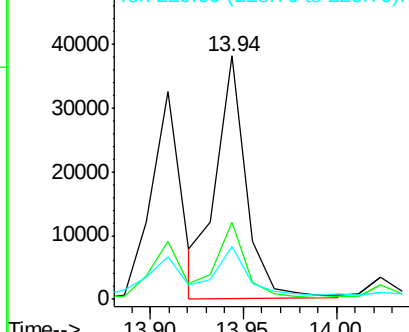
228 100

226 31.5 25.2 37.8

229 21.5 16.3 24.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.05 min

Lab File: BF082543.D

Acq: 27 Oct 2015 11:05

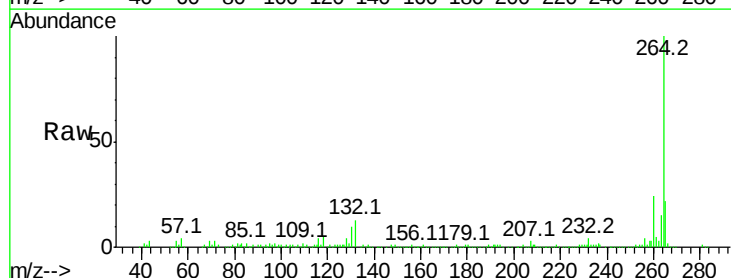
Tgt Ion:264 Resp: 209186

Ion Ratio Lower Upper

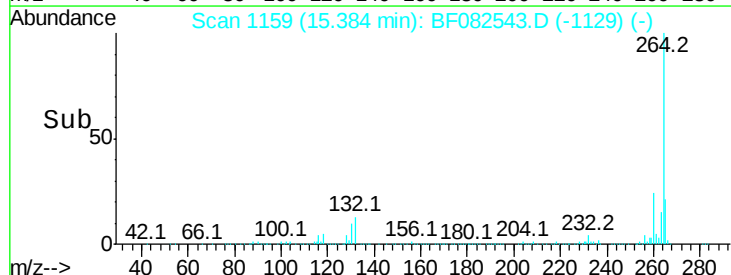
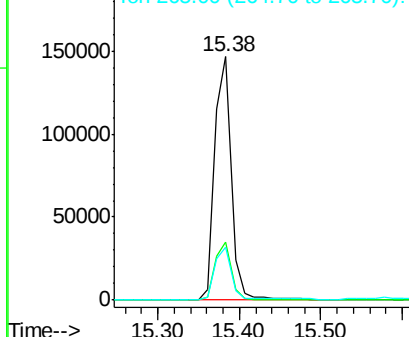
264 100

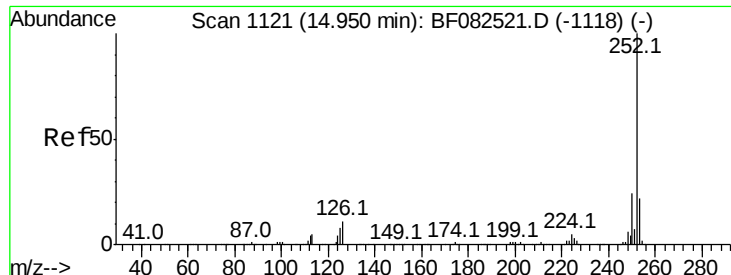
260 24.0 19.0 28.6

265 21.7 17.8 26.6



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: 3.29 ng m
 RT: 14.98 min Scan# 1124
 Delta R.T. 0.03 min
 Lab File: BF082543.D
 Acq: 27 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-08(0-2)

Tot Ion:252 Resp: 40867
 Ion Ratio Lower Upper
 252 100
 253 25.0 17.8 26.8
 125 14.2 6.6 10.0#

