

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082536.D
 Acq On : 27 Oct 2015 7:30
 Operator : UM/IZ
 Sample : G4116-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Quant Time: Oct 27 10:07:45 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

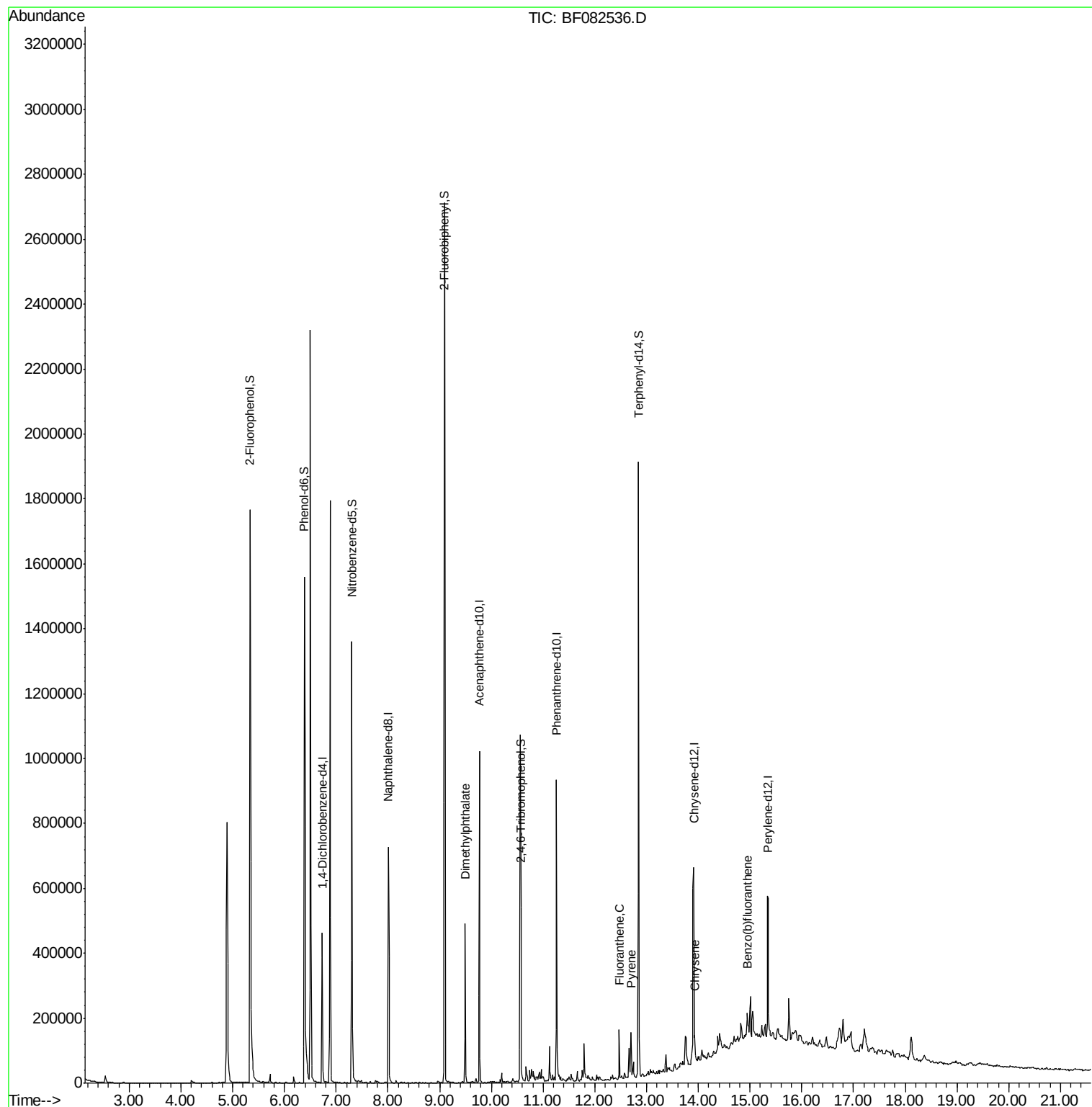
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	106657	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	410339	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	211754	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	335534	20.00	ng	0.00
75) Chrysene-d12	13.91	240	295702	20.00	ng	0.00
86) Perylene-d12	15.35	264	248768	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	604604	111.91	ng	0.02
7) Phenol-d6	6.39	99	726415	103.16	ng	0.01
23) Nitrobenzene-d5	7.30	82	478591	75.24	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	142335	89.76	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	890500	66.87	ng	0.00
78) Terphenyl-d14	12.85	244	605267	58.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	217342	14.75	ng	Qvalue 100
74) Fluoranthene	12.47	202	63037	3.56	ng	97
77) Pyrene	12.70	202	60409	3.32	ng	98
82) Chrysene	13.93	228	31486m	2.10	ng	
87) Benzo(b)fluoranthene	14.95	252	44692m	3.03	ng	

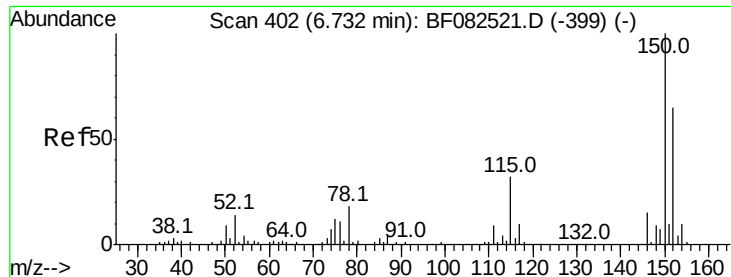
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082536.D

Acq: 27 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

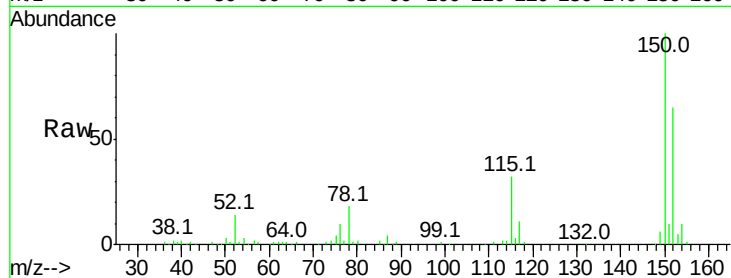
Tot Ion:152 Resp: 106657

Ion Ratio Lower Upper

152 100

150 152.9 123.4 185.0

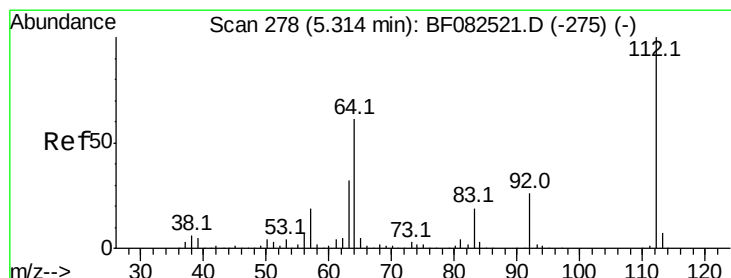
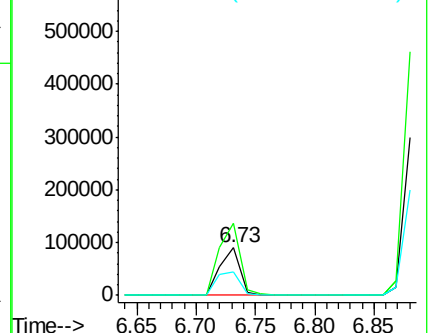
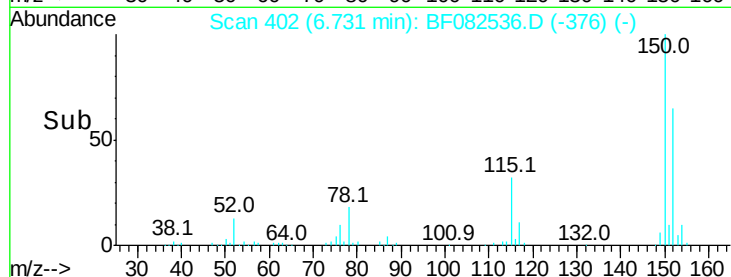
115 49.5 39.0 58.4



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: 111.91 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

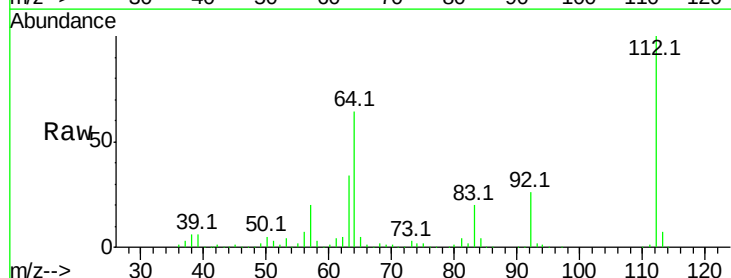
Tgt Ion:112 Resp: 604604

Ion Ratio Lower Upper

112 100

64 64.4 49.0 73.4

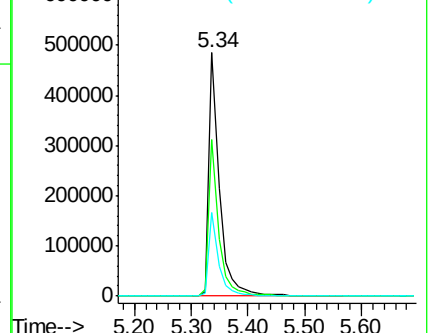
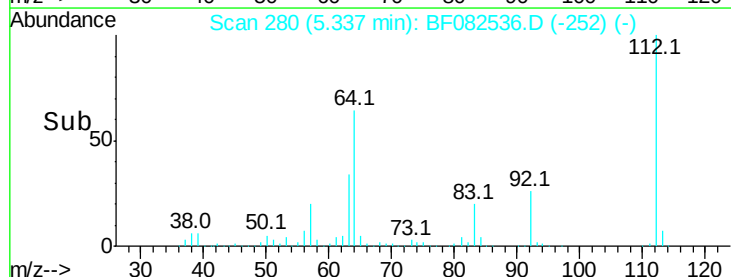
63 34.3 25.8 38.6

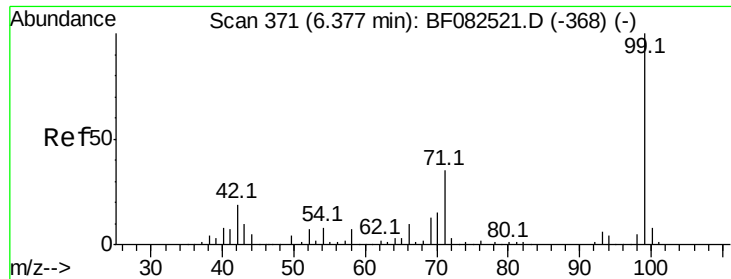


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.16 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

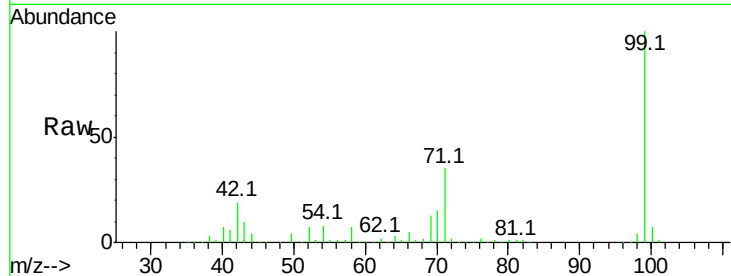
Tot Ion: 99 Resp: 726415

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

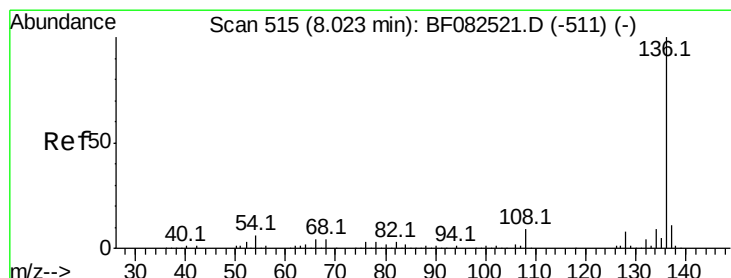
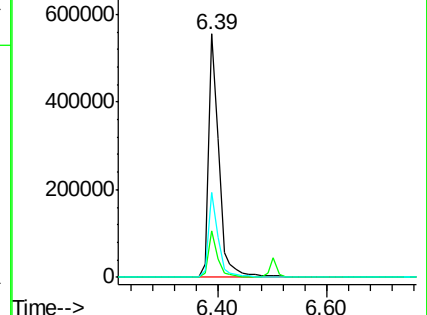
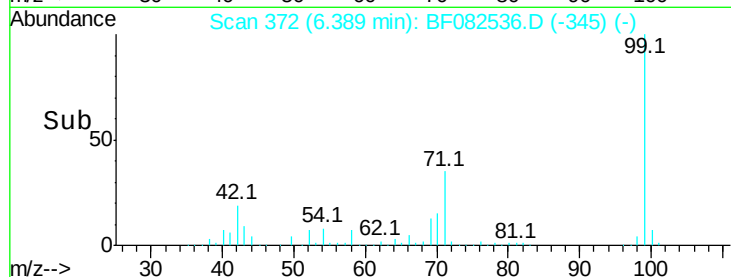
71 35.0 28.2 42.2



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: 8.01 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

Tgt Ion: 136 Resp: 410339

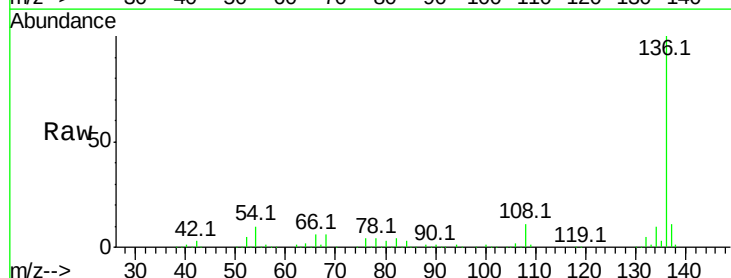
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.0 4.6 7.0#

68 6.0 3.2 4.8#

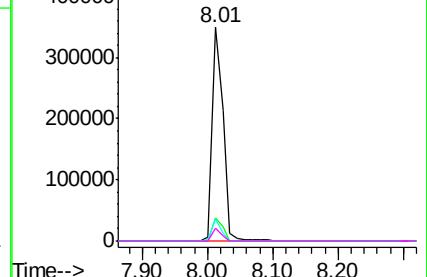
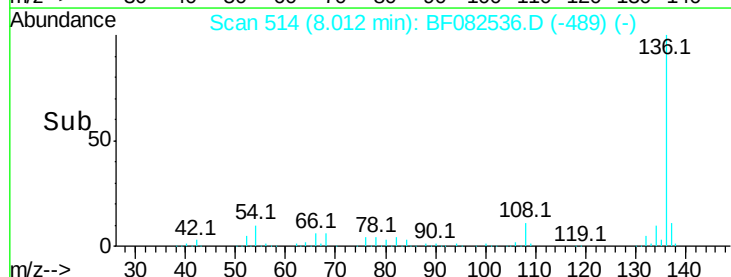


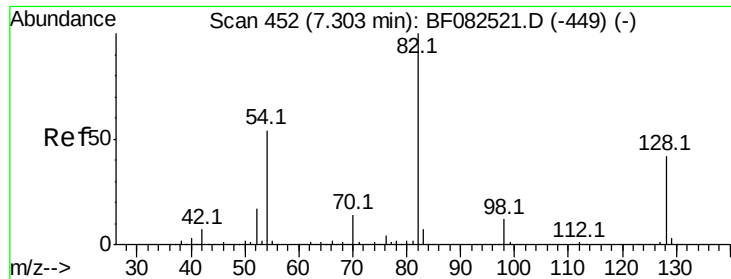
Abundance Ion 136.00 (135.70 to 136.70): E

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

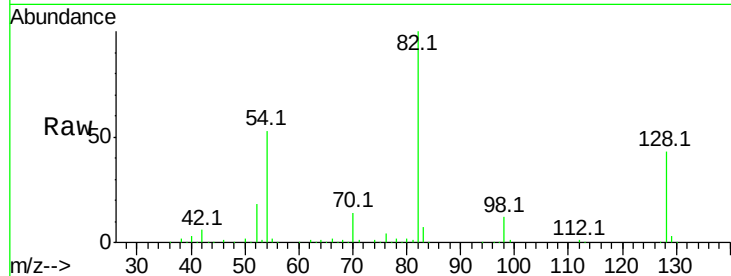




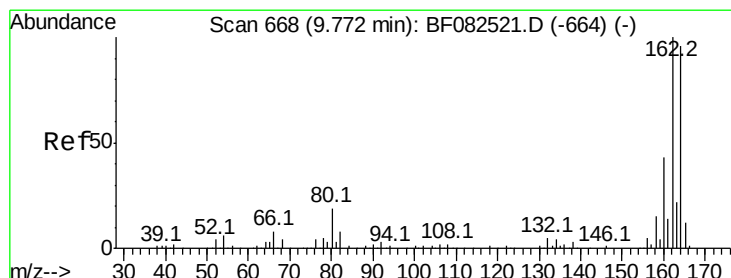
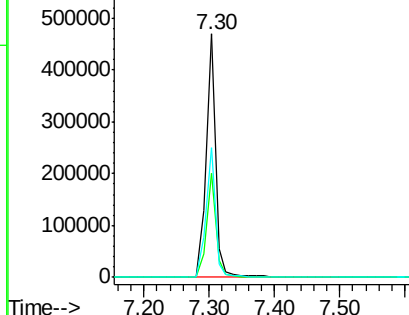
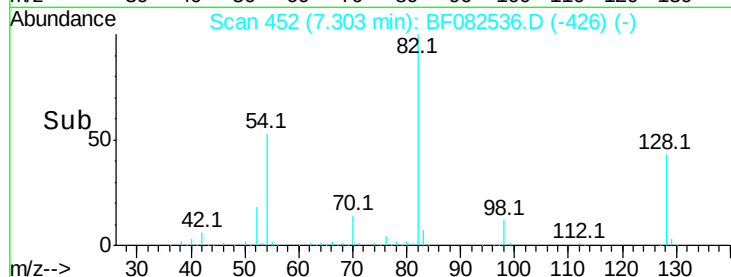
#23
Nitrobenzene-d5
Concen: 75.24 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tot Ion	82	Resp	478591
Ion Ratio	Lower	Upper	
82	100		
128	42.5	33.4	50.0
54	53.5	43.5	65.3

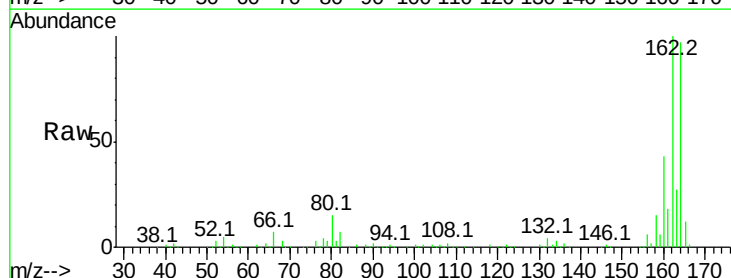


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

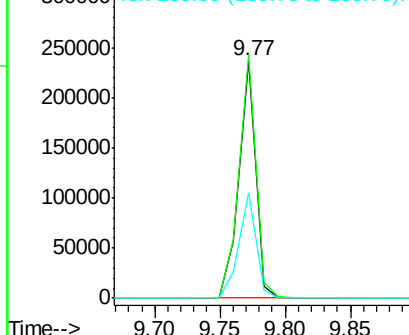
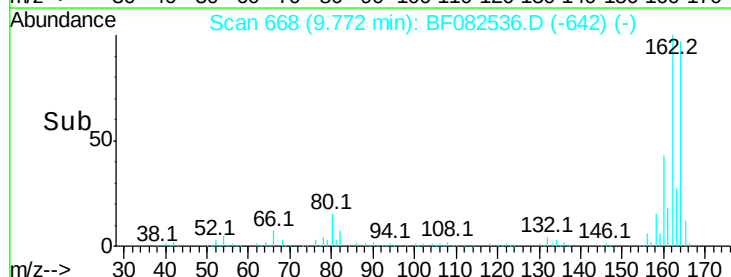


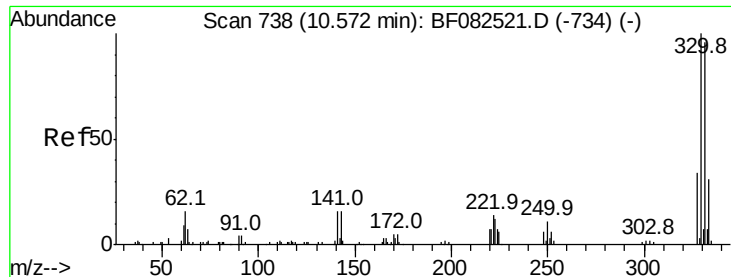
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF082536.D
Acq: 27 Oct 2015 7:30

Tgt Ion	164	Resp	211754
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.6	125.4
160	44.6	36.0	54.0



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

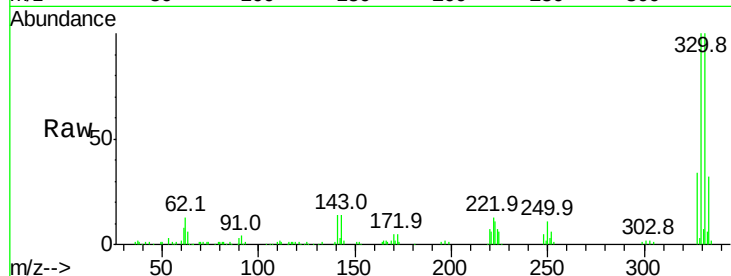




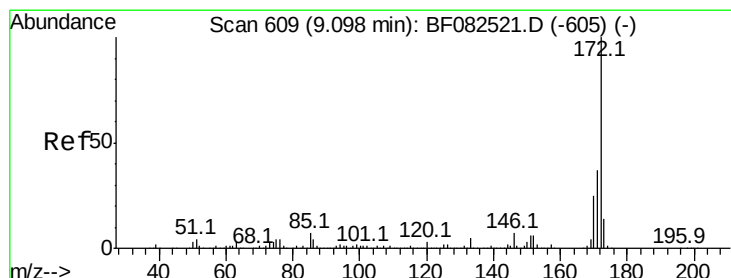
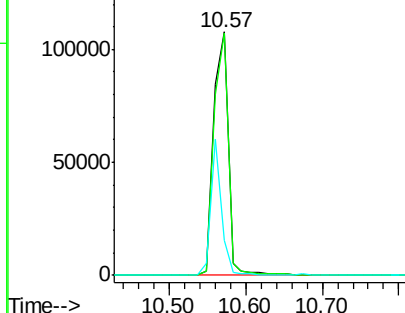
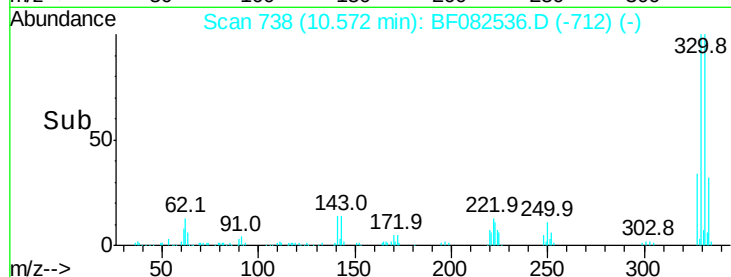
#41
 2,4,6-Tribromophenol
 Concen: 89.76 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082536.D
 Acq: 27 Oct 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	41.0	32.5	48.7

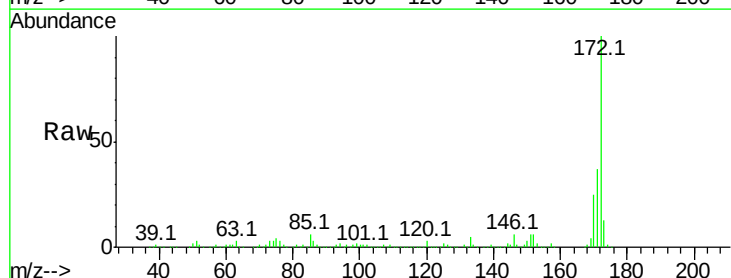


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

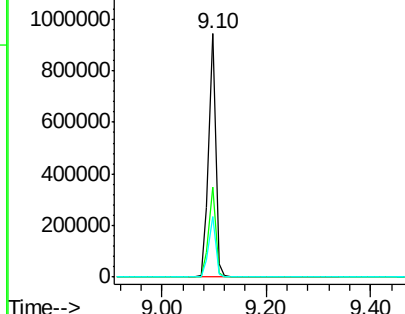
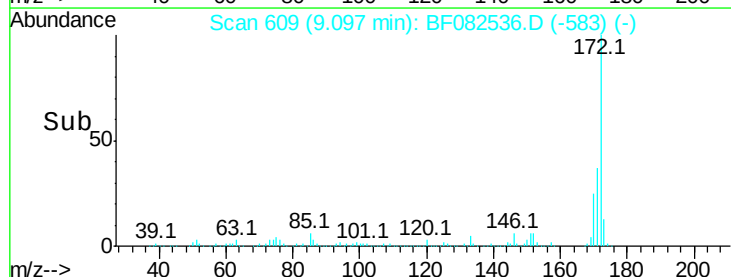


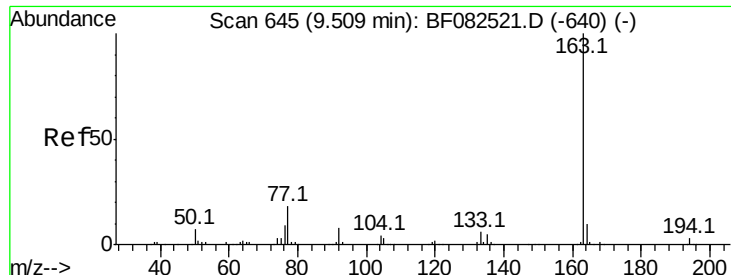
#44
 2-Fluorobiphenyl
 Concen: 66.87 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082536.D
 Acq: 27 Oct 2015 7:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	25.0	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: 14.75 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

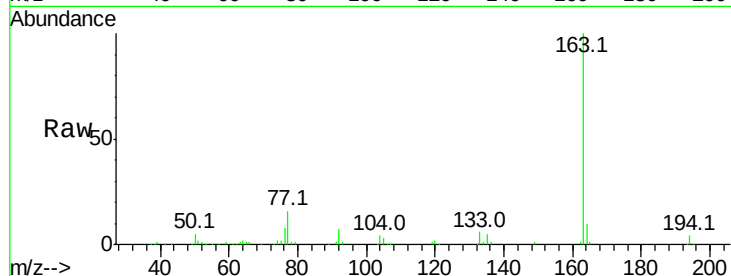
Tot Ion:163 Resp: 217342

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

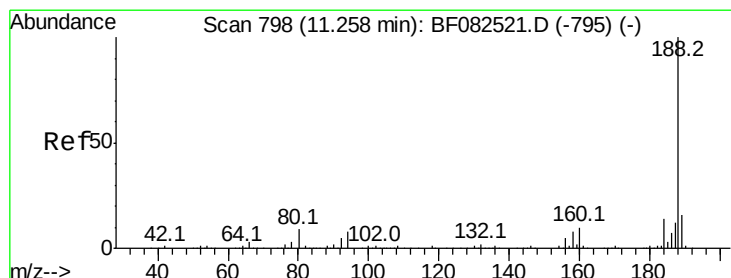
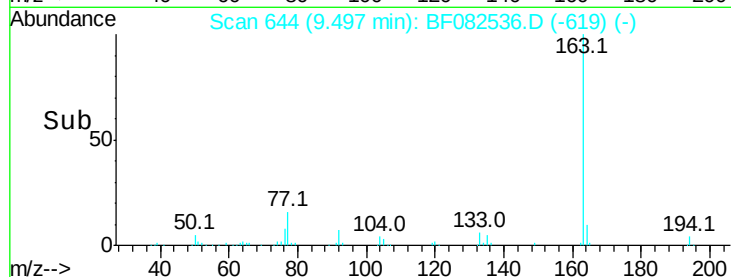
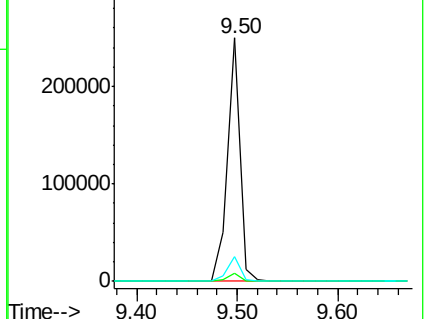
164 10.3 8.2 12.4



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: BF082536.D

Acq: 27 Oct 2015 7:30

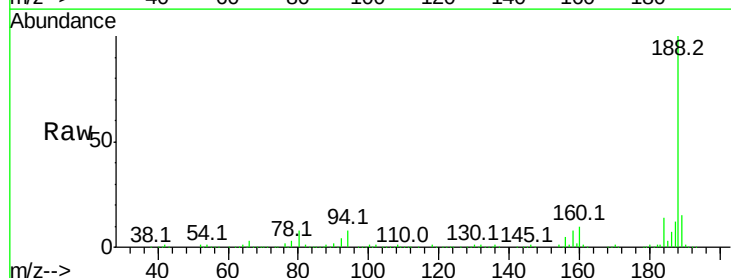
Tgt Ion:188 Resp: 335534

Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

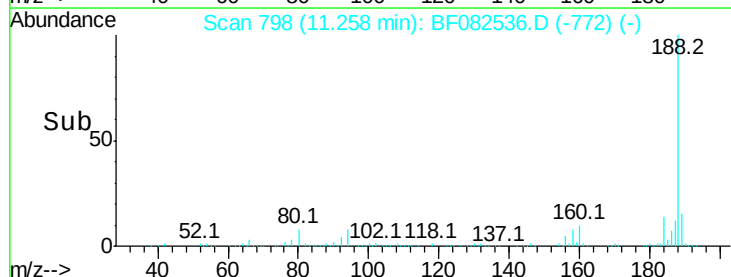
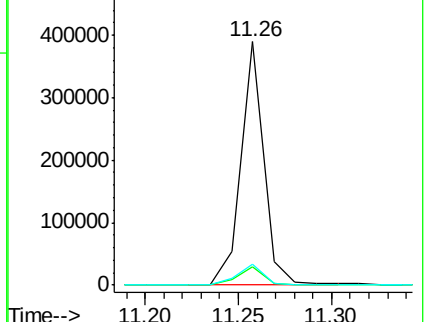
80 8.5 7.0 10.6

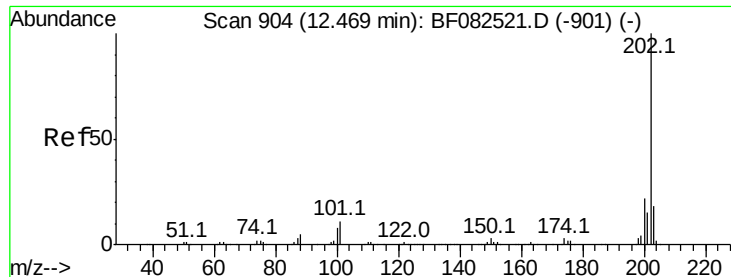


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.56 ng

RT: 12.47 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

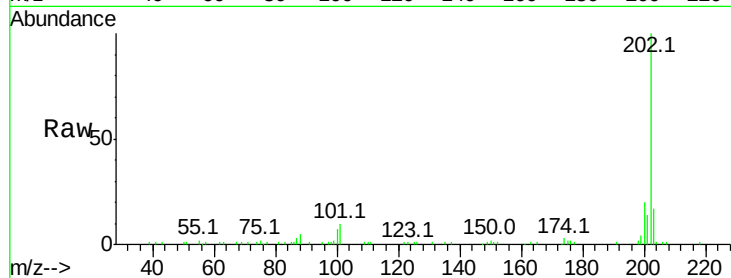
Tot Ion:202 Resp: 63037

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.2

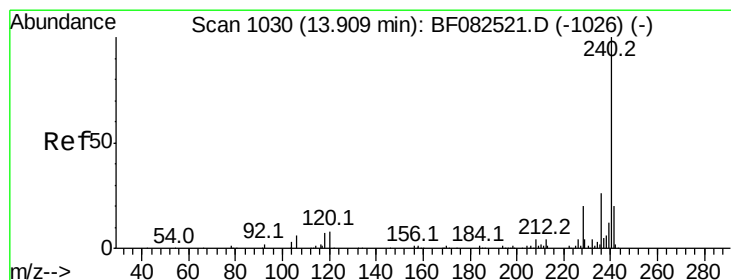
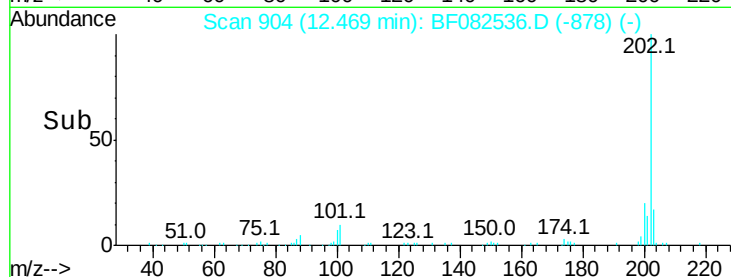
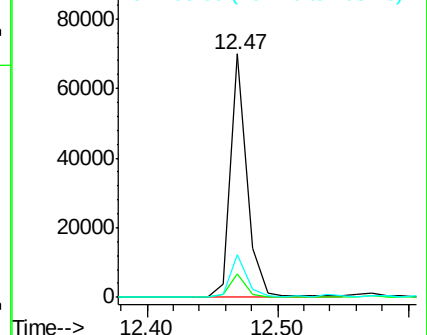
203 17.3 0.0 38.1



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: 13.91 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

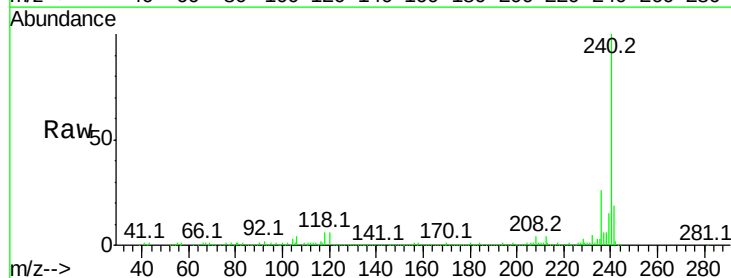
Tgt Ion:240 Resp: 295702

Ion Ratio Lower Upper

240 100

120 6.4 6.5 9.7#

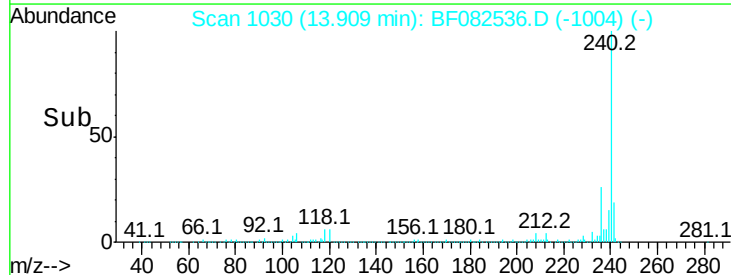
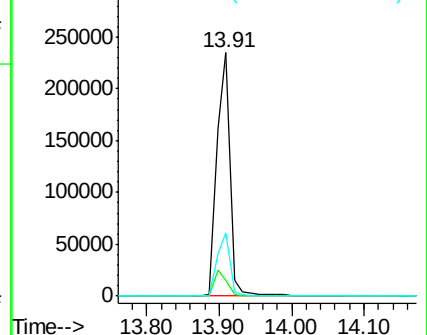
236 25.9 20.5 30.7

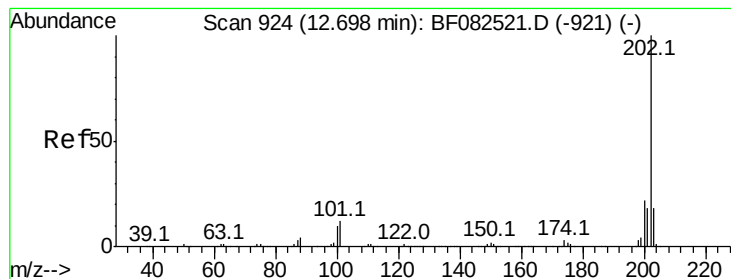


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.32 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

Instrument :

BNA_F

ClientSampleId :

BT-03(0-2)

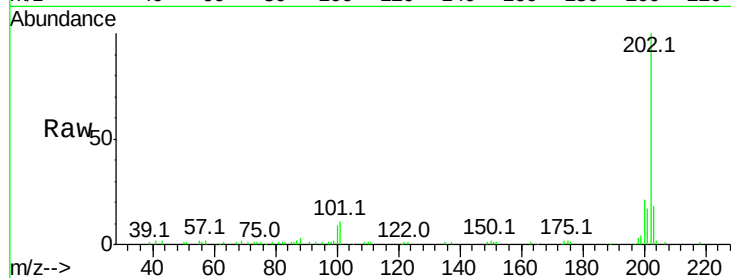
Tot Ion:202 Resp: 60409

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

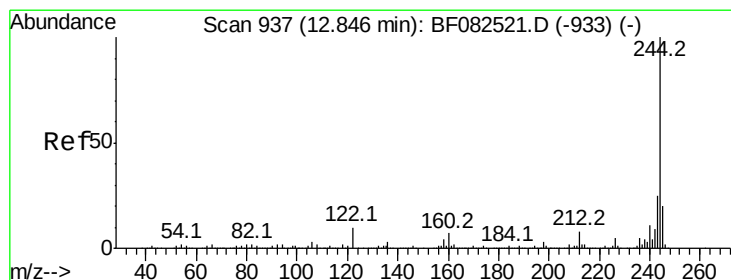
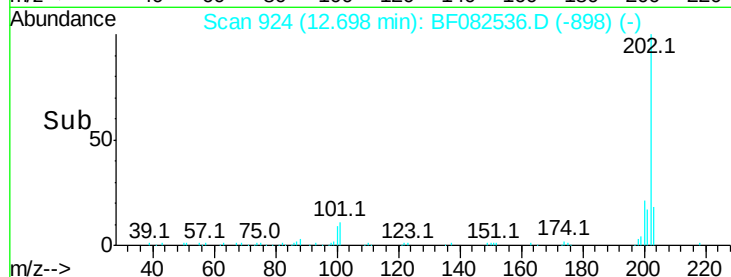
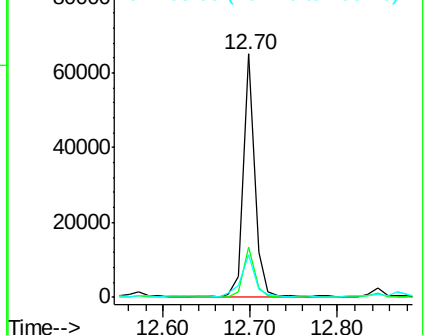
203 17.6 14.6 22.0



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: 58.97 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

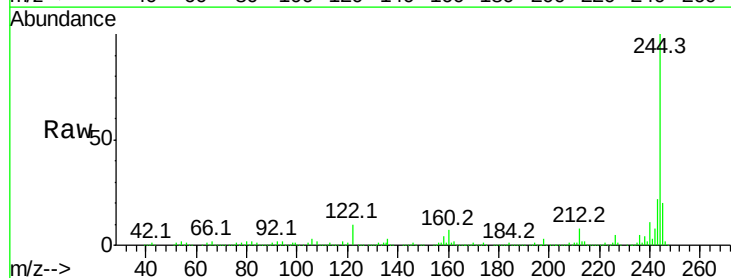
Tgt Ion:244 Resp: 605267

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

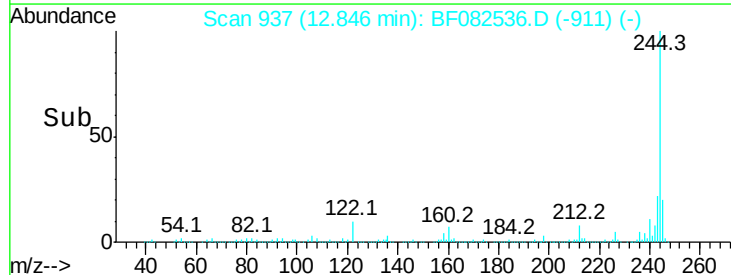
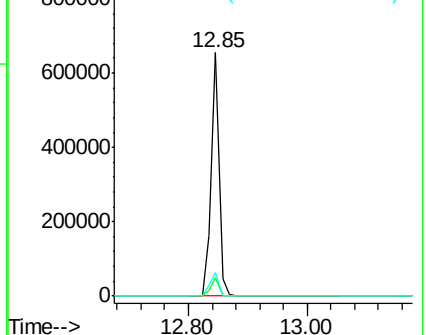
122 9.7 8.1 12.1

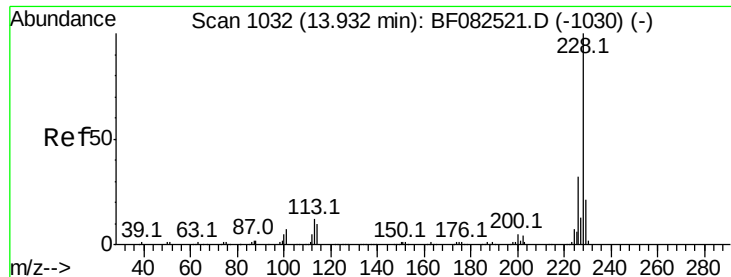


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.10 ng/mL

RT: 13.93 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

Instrument :

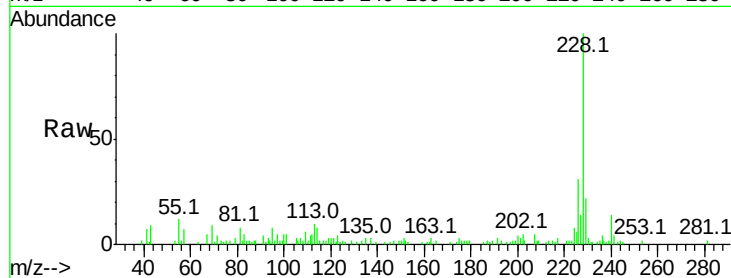
BNA_F

ClientSampleId :

BT-03(0-2)

Tot Ion:228 Resp: 31486

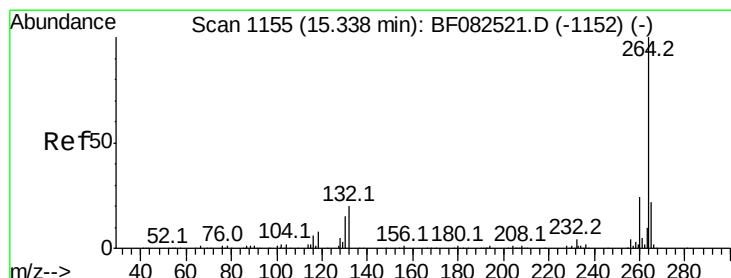
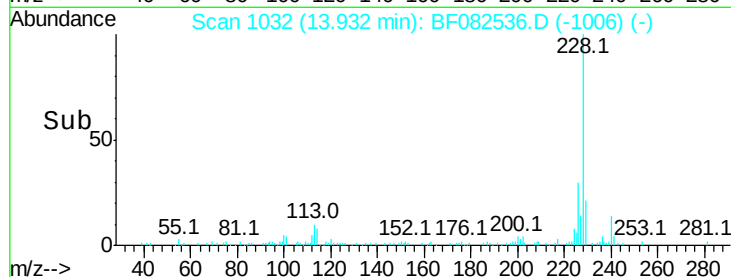
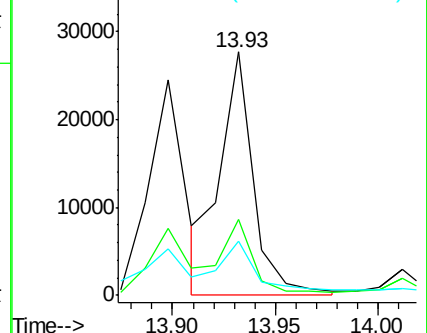
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.2	37.8
229	22.3	16.3	24.5



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/mL

RT: 15.35 min Scan# 1156

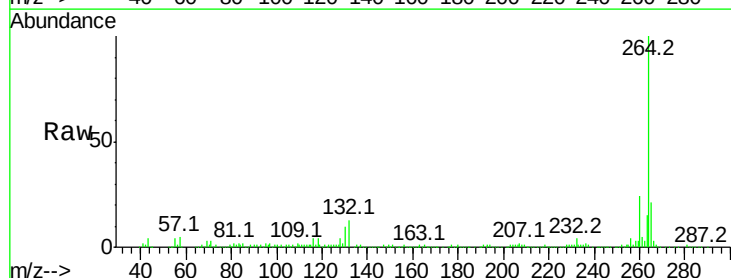
Delta R.T. 0.01 min

Lab File: BF082536.D

Acq: 27 Oct 2015 7:30

Tgt Ion:264 Resp: 248768

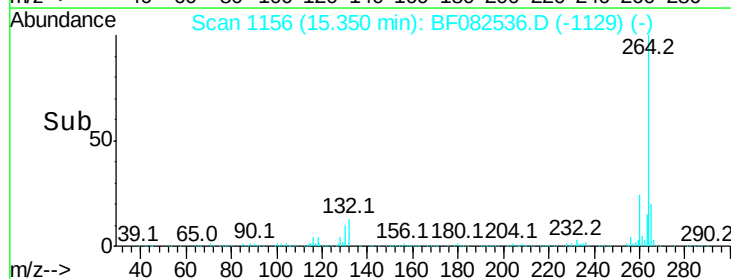
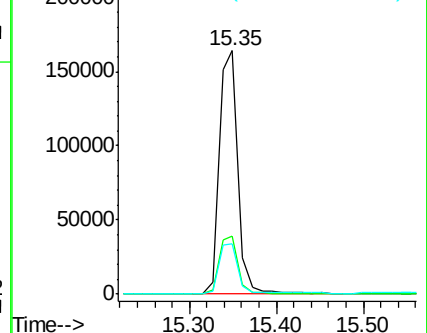
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	20.6	17.8	26.6

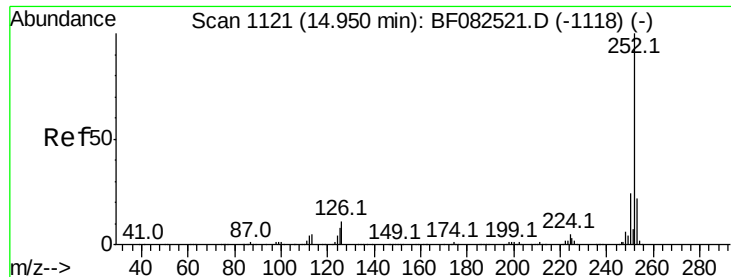


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

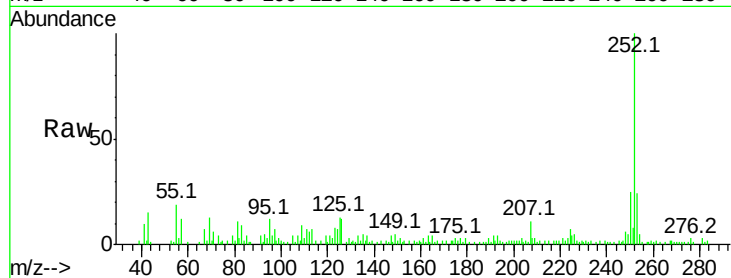




#87
 Benzo(b)fluoranthene
 Concen: 3.03 ng m
 RT: 14.95 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF082536.D
 Acq: 27 Oct 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	12.6	6.6	10.0



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

