

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082535.D
 Acq On : 27 Oct 2015 7:01
 Operator : UM/IZ
 Sample : G4116-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Quant Time: Oct 27 09:58:25 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

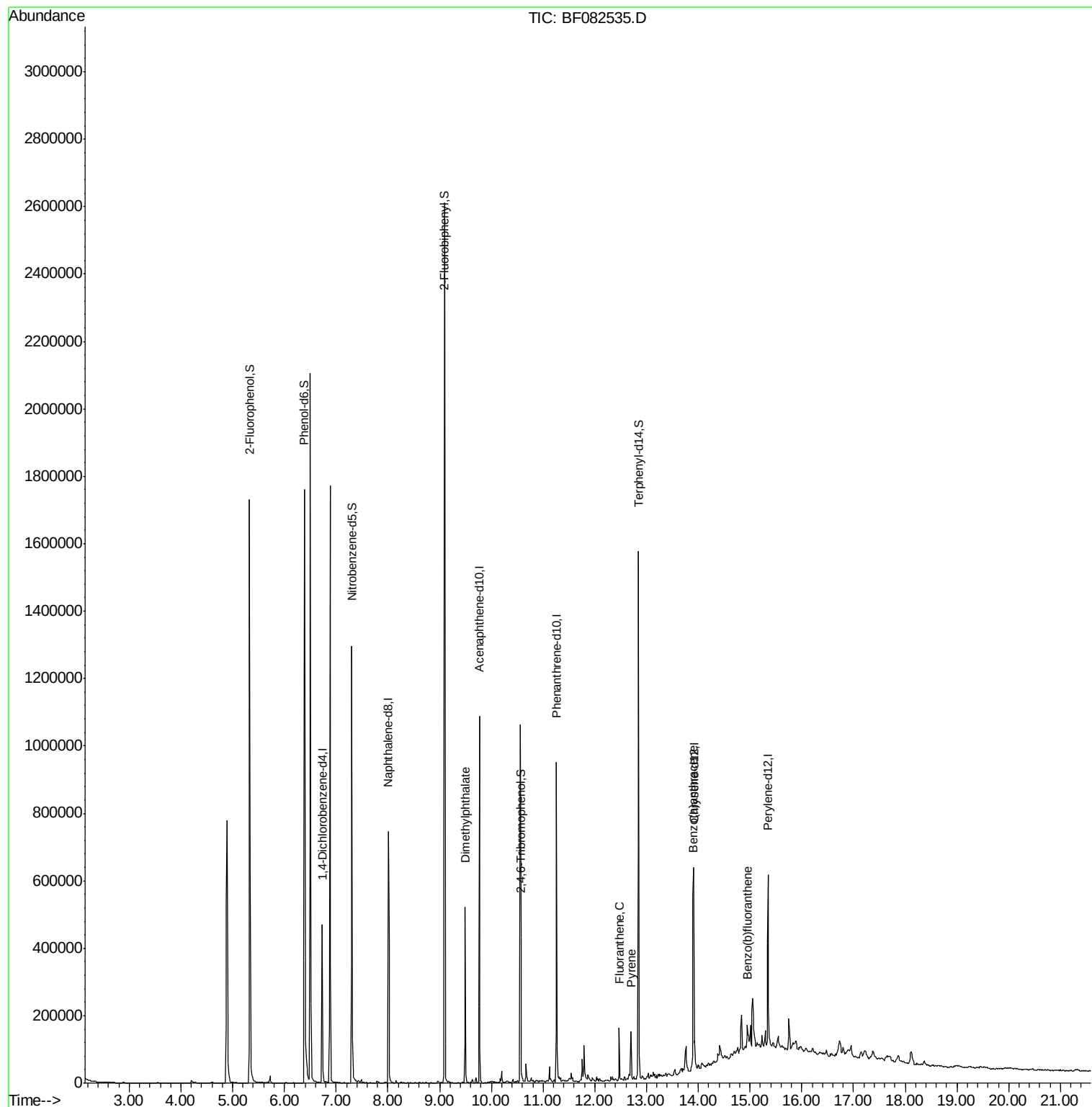
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113809	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	425806	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	216231	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	350013	20.00	ng	0.00
75) Chrysene-d12	13.91	240	285169	20.00	ng	0.00
86) Perylene-d12	15.35	264	243533	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	529797	91.90	ng	0.01
7) Phenol-d6	6.39	99	692154	92.12	ng	0.01
23) Nitrobenzene-d5	7.30	82	450701	68.28	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	126668	78.23	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	830705	61.09	ng	0.00
78) Terphenyl-d14	12.85	244	553401	55.91	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	223586	14.86	ng	100
74) Fluoranthene	12.47	202	64423	3.48	ng	97
77) Pyrene	12.70	202	59826	3.41	ng	99
80) Benzo(a)anthracene	13.90	228	38310	2.51	ng	97
87) Benzo(b)fluoranthene	14.95	252	36544m	2.53	ng	

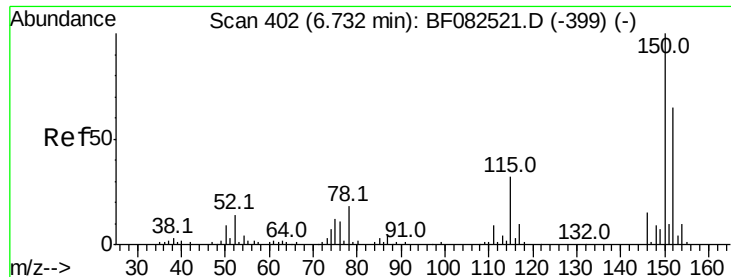
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
Data File : BF082535.D
Acq On : 27 Oct 2015 7:01
Operator : UM/IZ
Sample : G4116-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BT-02(0-2)

Quant Time: Oct 27 09:58:25 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

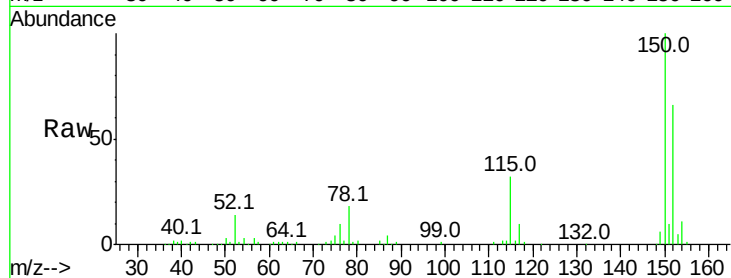
Tot Ion:152 Resp: 113809

Ion Ratio Lower Upper

152 100

150 152.3 123.4 185.0

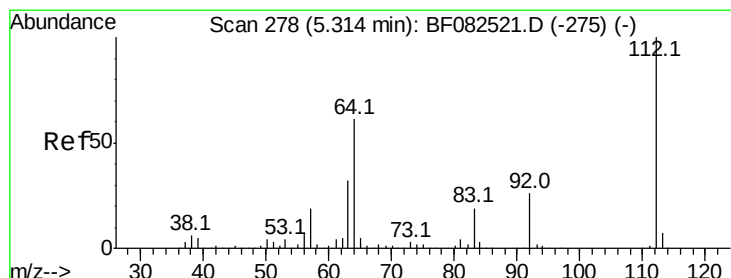
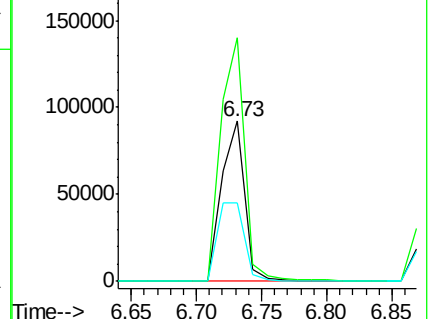
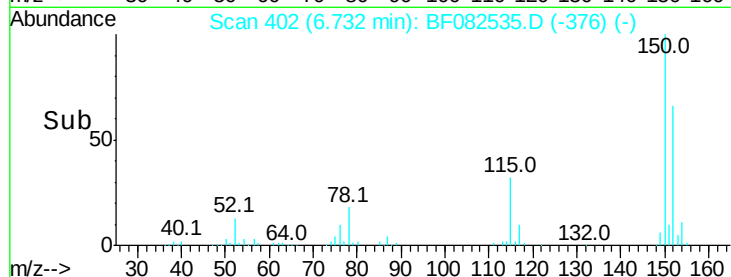
115 48.9 39.0 58.4



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: 91.90 ng

RT: 5.33 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

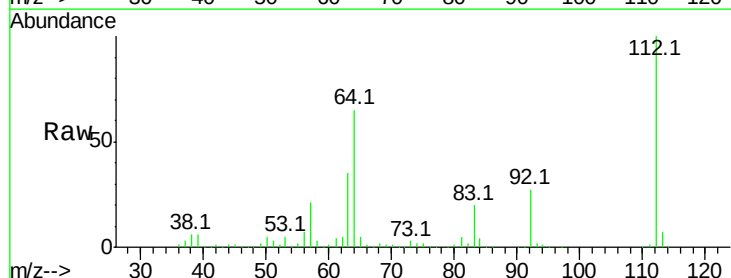
Tgt Ion:112 Resp: 529797

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.4

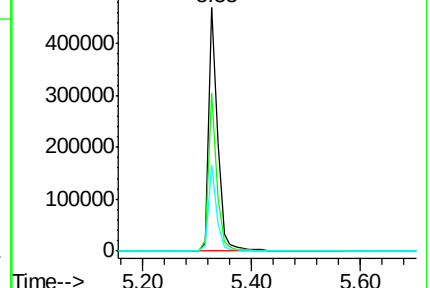
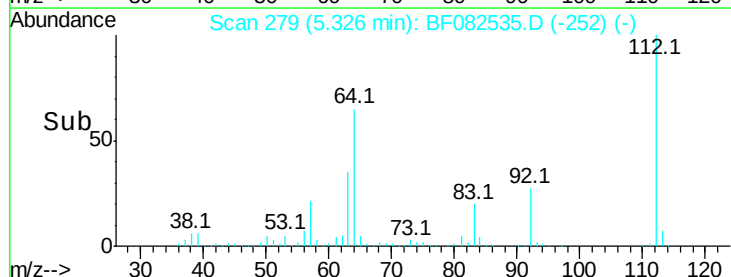
63 35.3 25.8 38.6

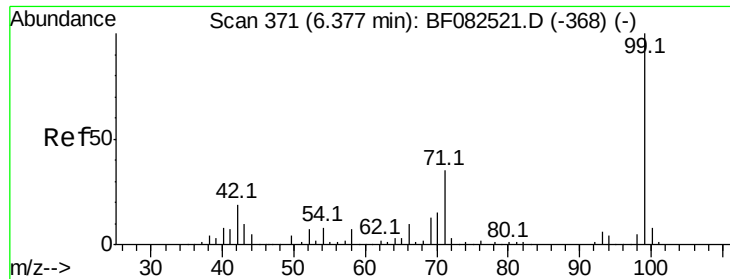


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.12 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

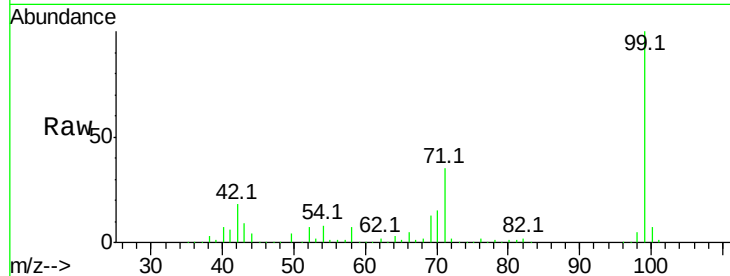
Tot Ion: 99 Resp: 692154

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

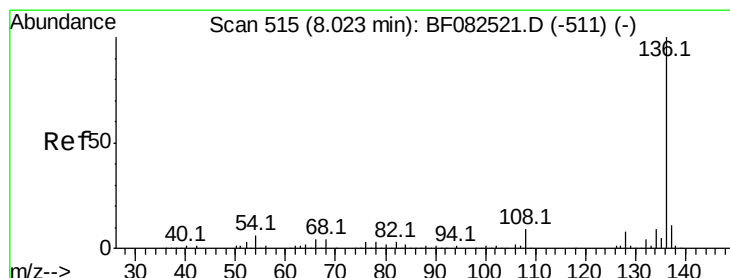
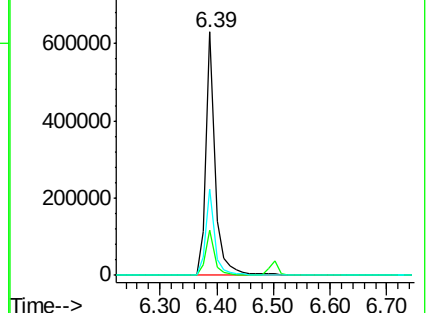
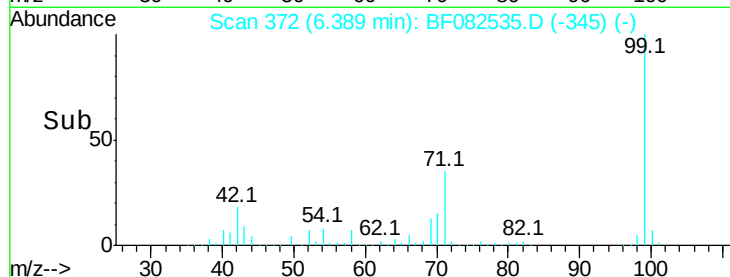
71 35.3 28.2 42.2



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: BF082535.D

Acq: 27 Oct 2015 7:01

Tgt Ion: 136 Resp: 425806

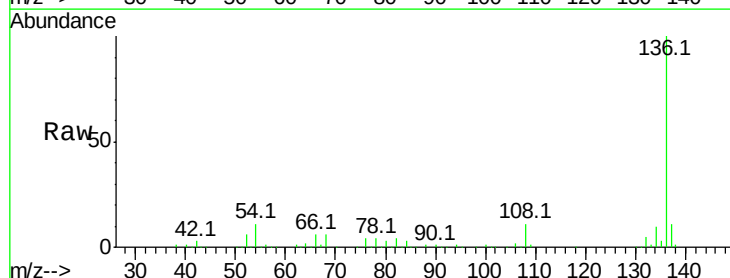
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 10.5 4.6 7.0#

68 6.3 3.2 4.8#

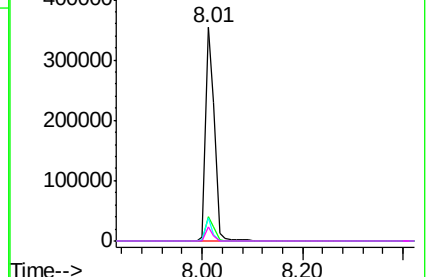
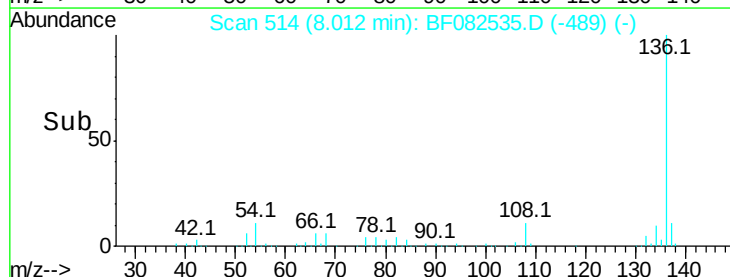


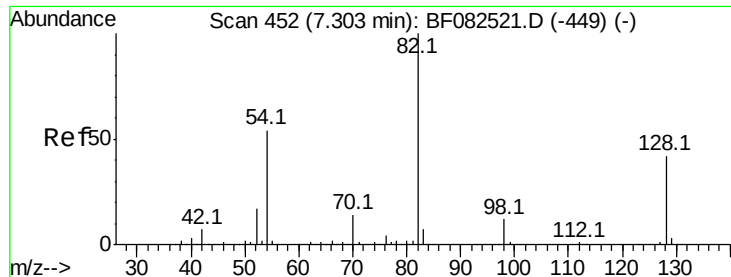
Abundance Ion 136.00 (135.70 to 136.70): E

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

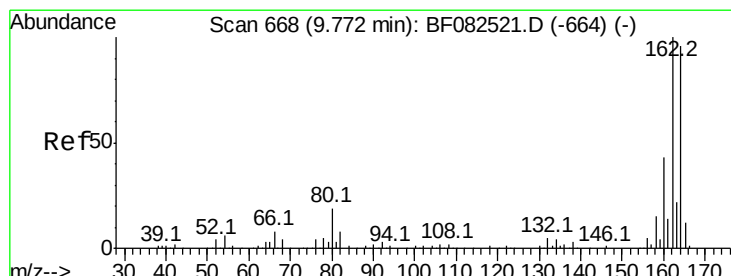
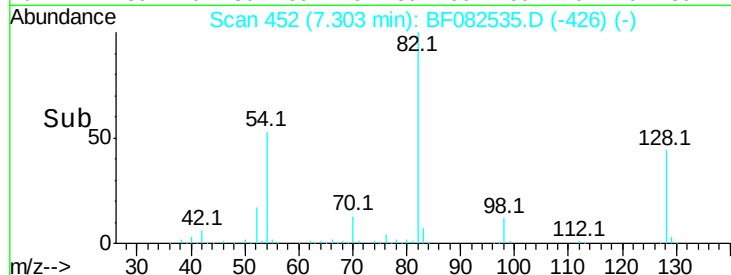
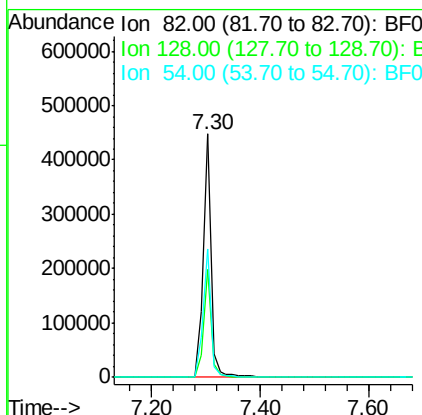
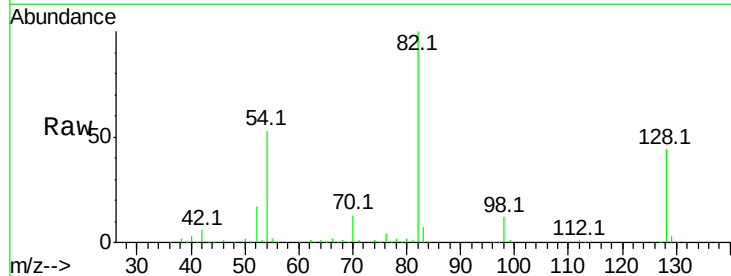




#23
 Nitrobenzene-d5
 Concen: 68.28 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF082535.D
 Acq: 27 Oct 2015 7:01

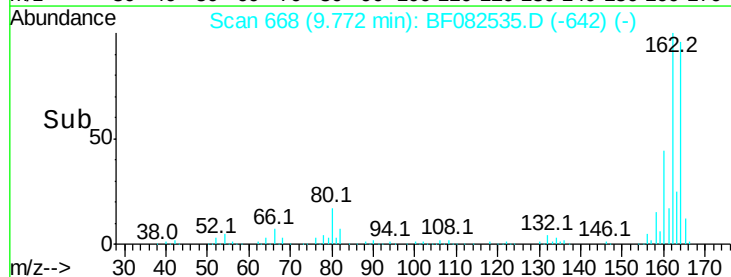
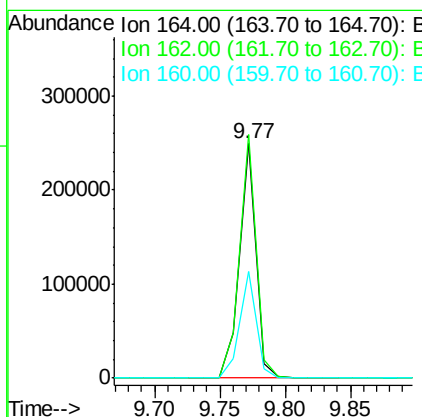
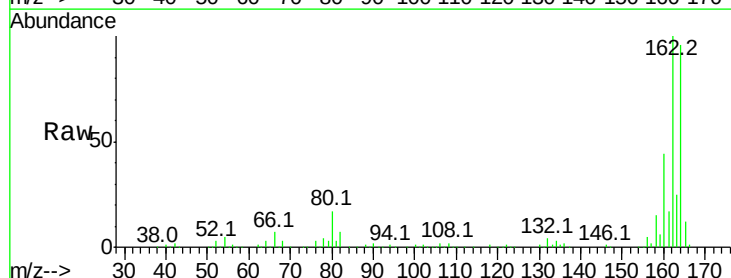
Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

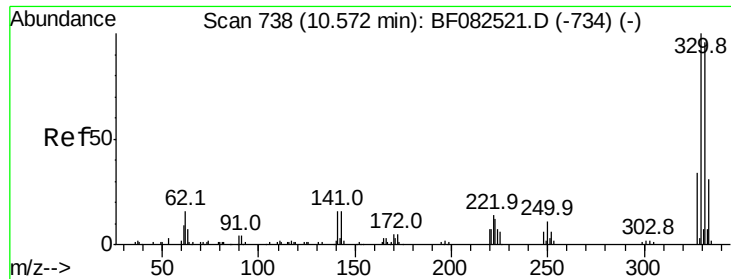
Tot Ion: 82 Resp: 450701
 Ion Ratio Lower Upper
 82 100
 128 44.2 33.4 50.0
 54 52.7 43.5 65.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF082535.D
 Acq: 27 Oct 2015 7:01

Tgt Ion: 164 Resp: 216231
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.6 125.4
 160 45.8 36.0 54.0

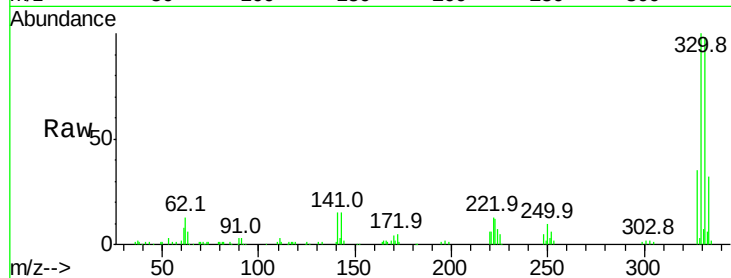




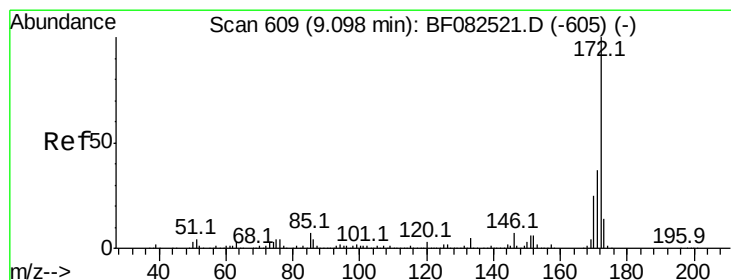
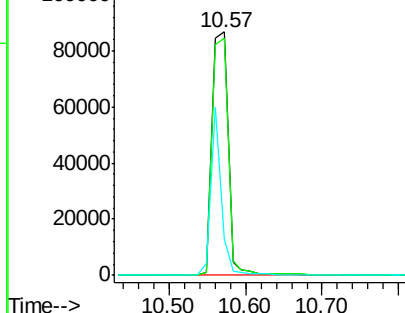
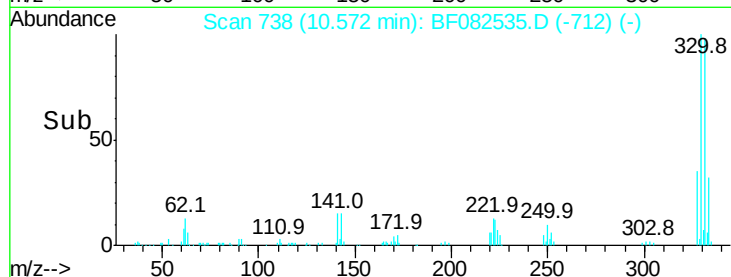
#41
 2,4,6-Tribromophenol
 Concen: 78.23 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082535.D
 Acq: 27 Oct 2015 7:01

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.0
141	43.9	32.5	48.7

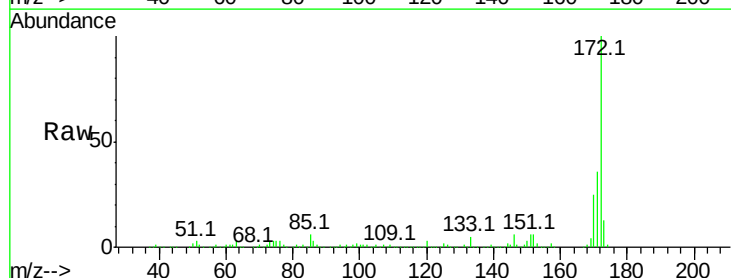


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

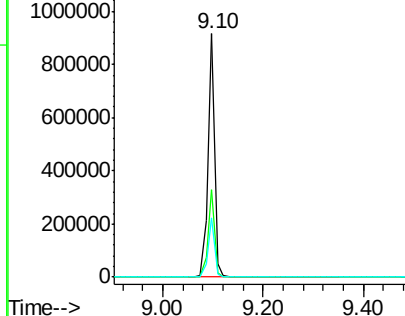
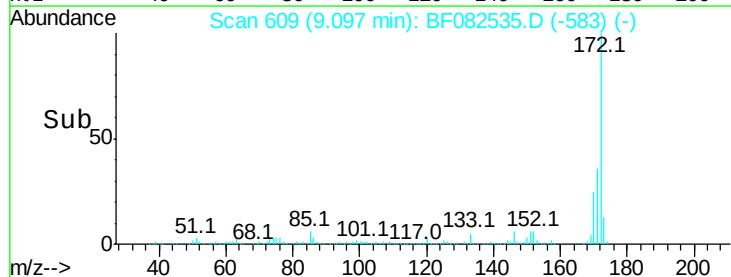


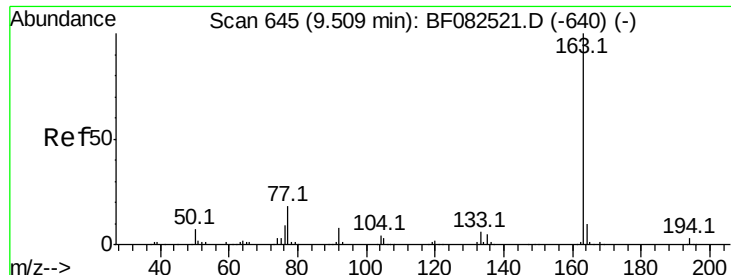
#44
 2-Fluorobiphenyl
 Concen: 61.09 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082535.D
 Acq: 27 Oct 2015 7:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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: 14.86 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

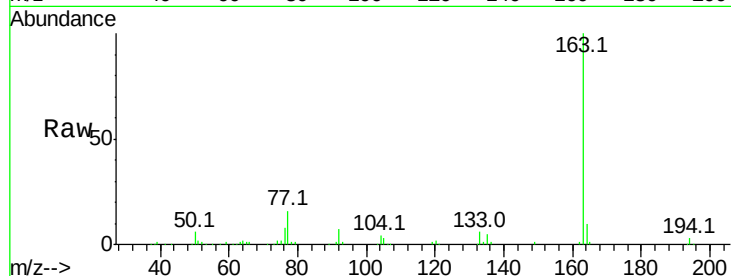
Tot Ion:163 Resp: 223586

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

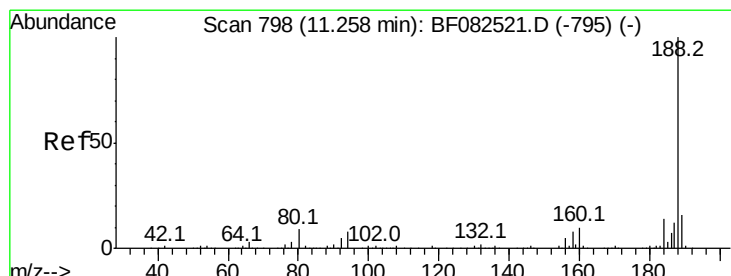
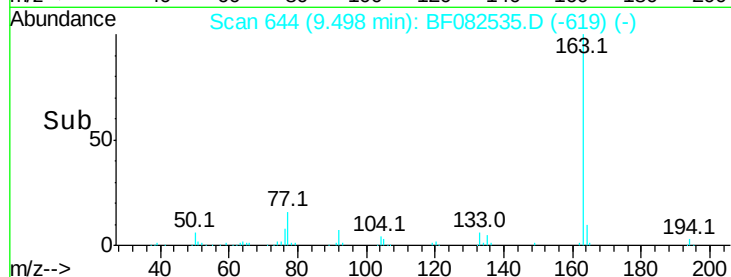
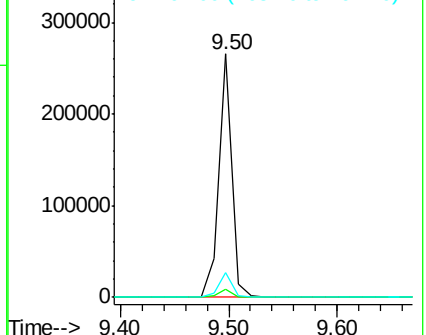
164 10.1 8.2 12.4



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: BF082535.D

Acq: 27 Oct 2015 7:01

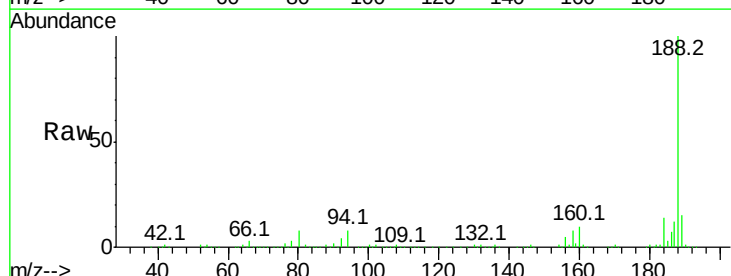
Tgt Ion:188 Resp: 350013

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

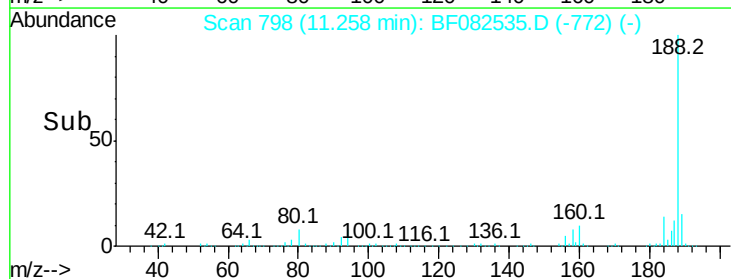
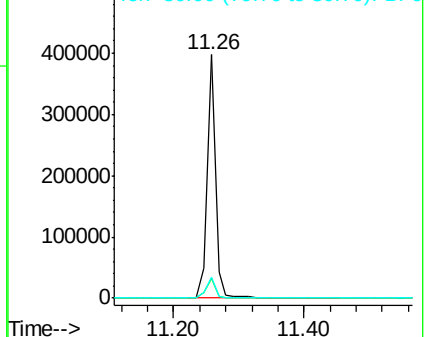
80 8.3 7.0 10.6

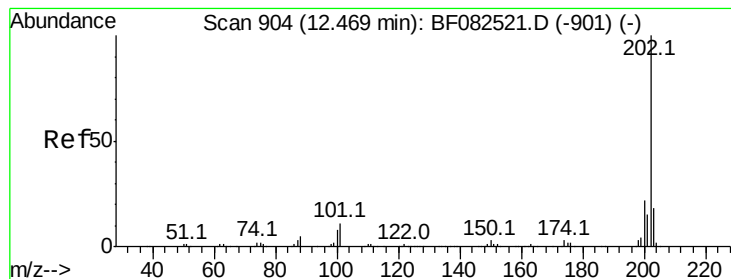


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.48 ng

RT: 12.47 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

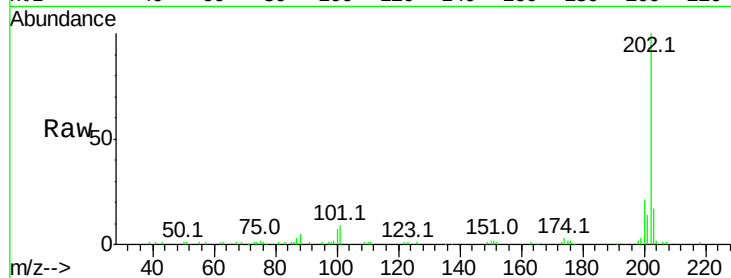
Tot Ion:202 Resp: 64423

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.2

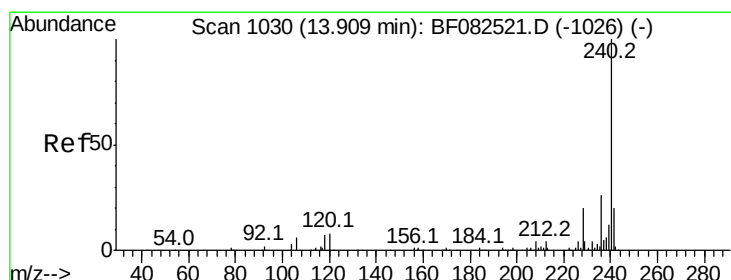
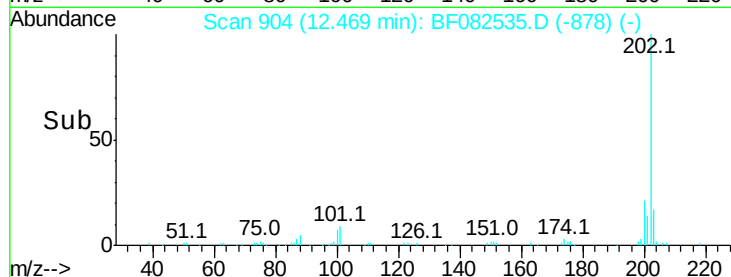
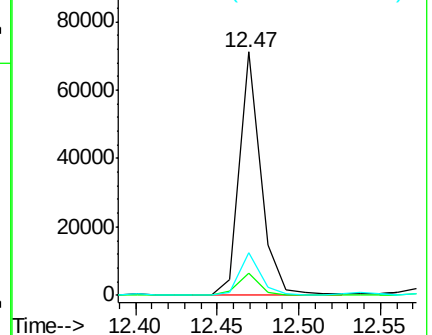
203 17.4 0.0 38.1



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: BF082535.D

Acq: 27 Oct 2015 7:01

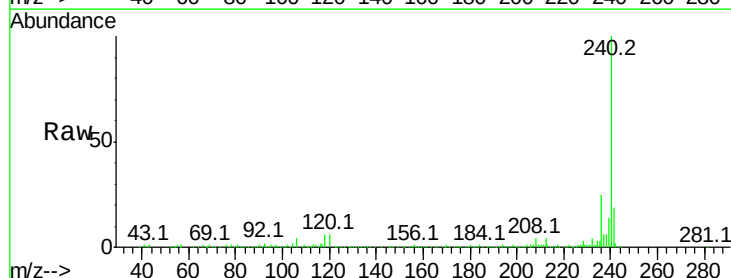
Tgt Ion:240 Resp: 285169

Ion Ratio Lower Upper

240 100

120 6.4 6.5 9.7#

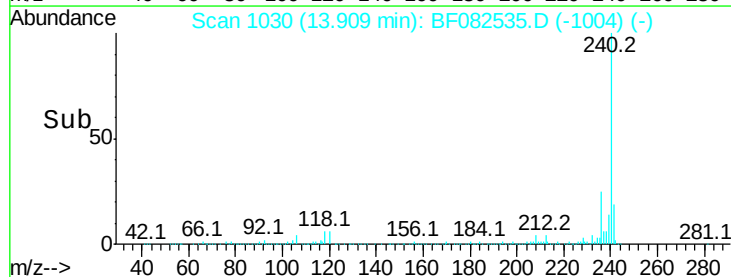
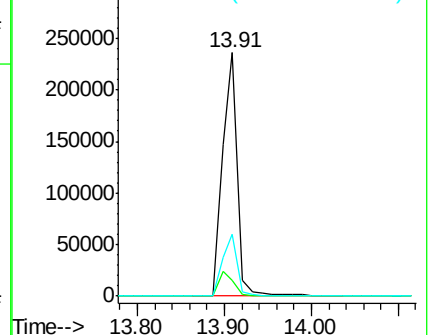
236 25.5 20.5 30.7

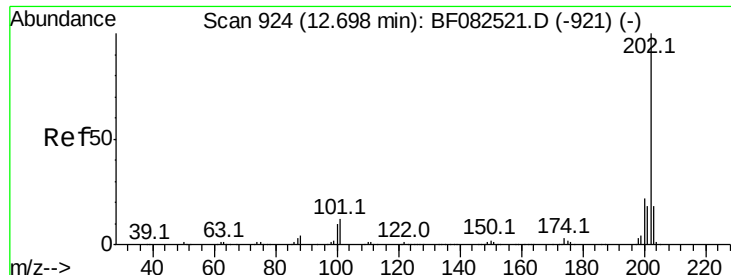


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.41 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

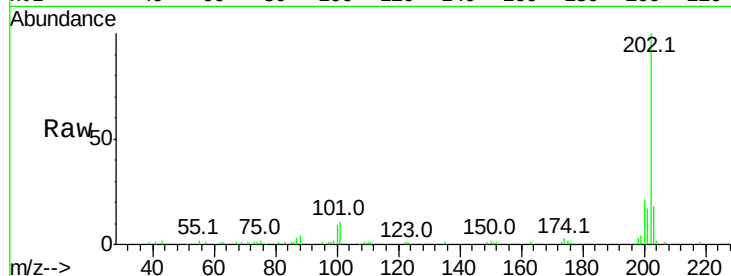
Tot Ion:202 Resp: 59826

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

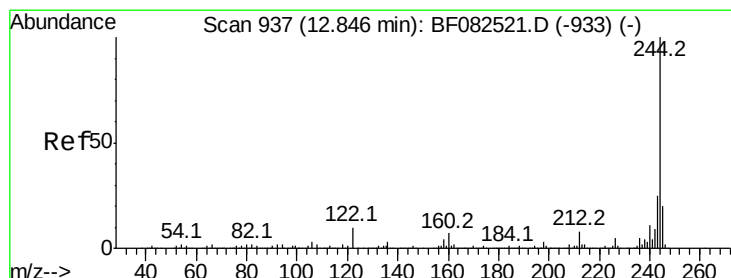
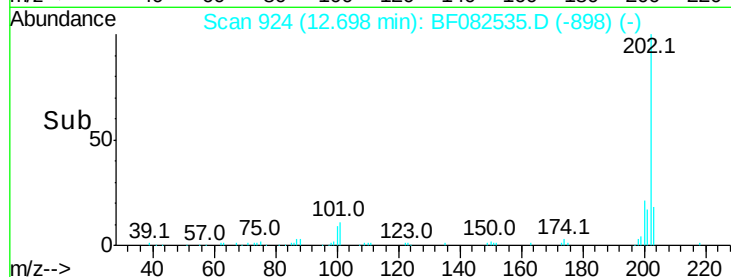
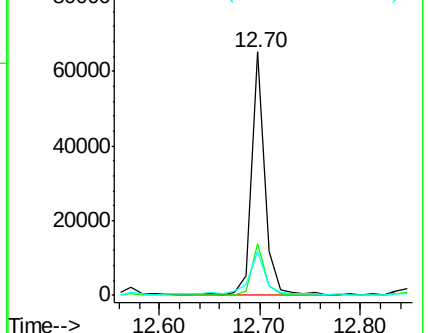
203 18.3 14.6 22.0



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: 55.91 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

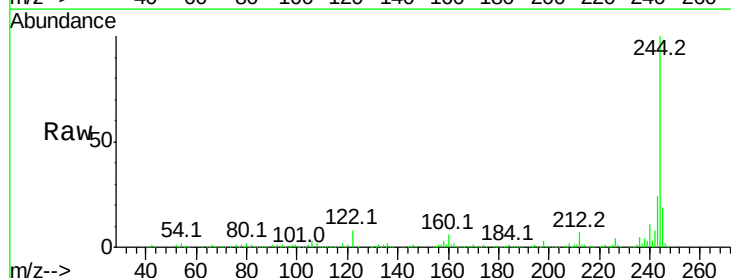
Tgt Ion:244 Resp: 553401

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

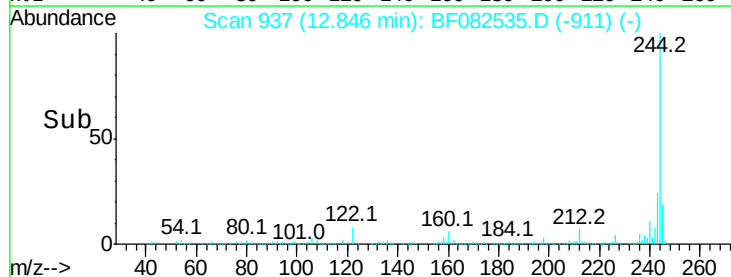
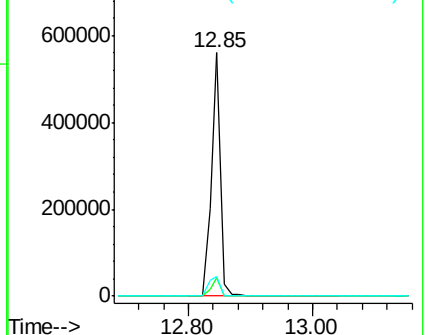
122 8.3 8.1 12.1

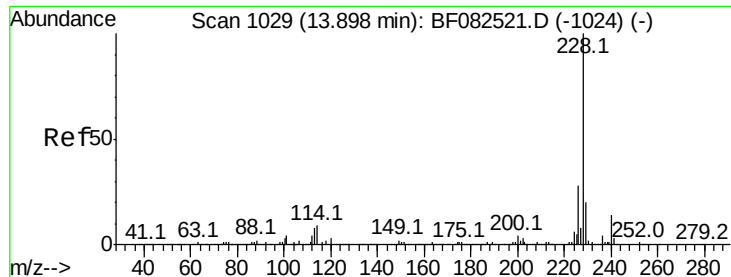


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.51 ng

RT: 13.90 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

BT-02(0-2)

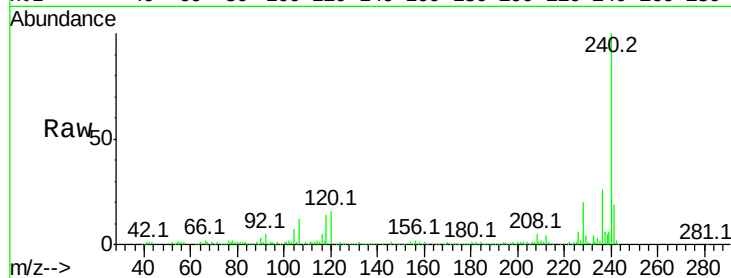
Tot Ion:228 Resp: 38310

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	21.6	16.1	24.1

228 100

226 29.1 22.1 33.1

229 21.6 16.1 24.1

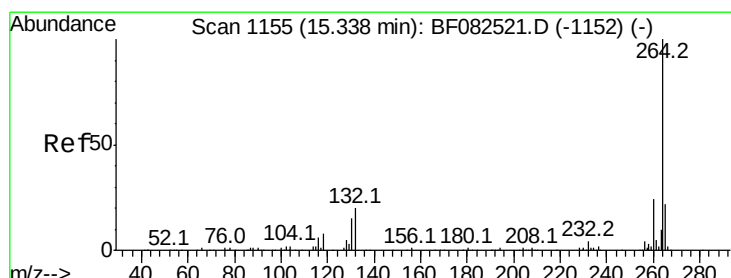
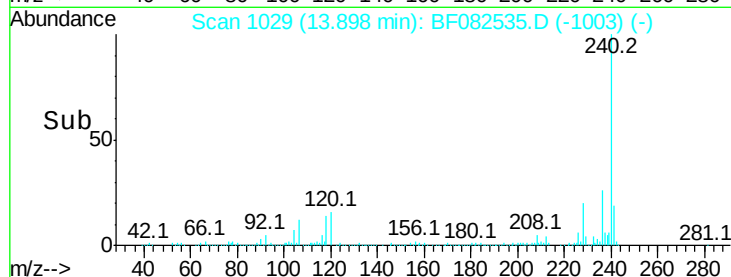
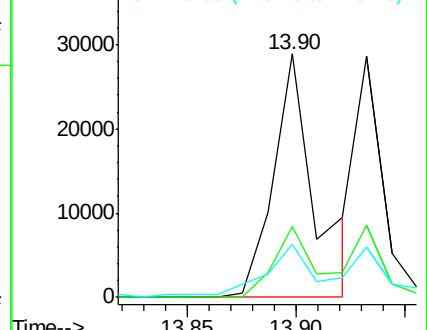


Abundance

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF082535.D

Acq: 27 Oct 2015 7:01

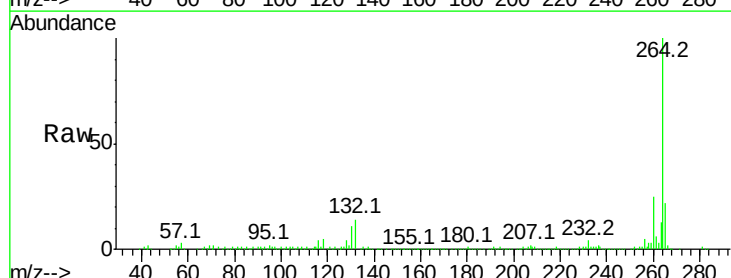
Tgt Ion:264 Resp: 243533

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.2	17.8	26.6

264 100

260 24.6 19.0 28.6

265 22.2 17.8 26.6

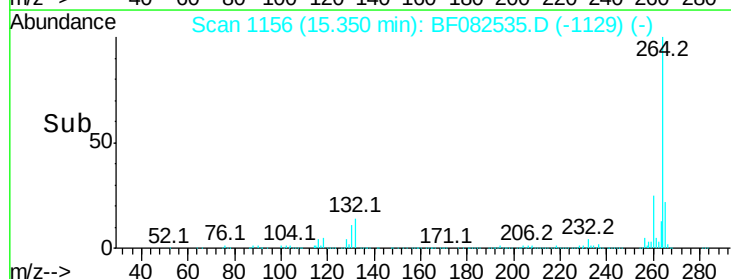
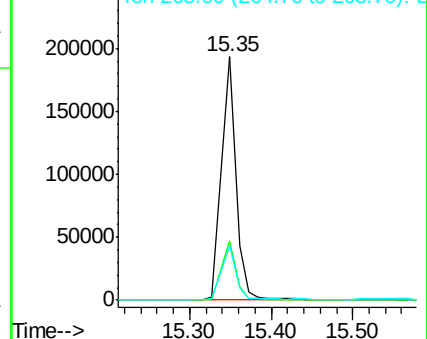


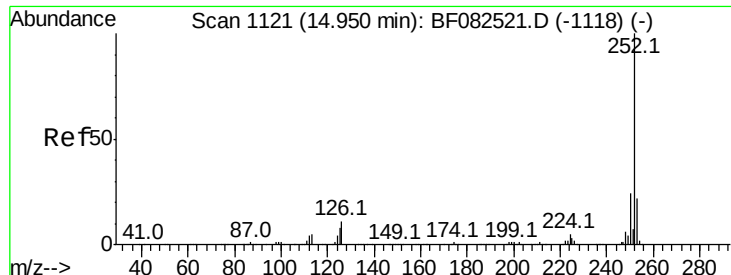
Abundance

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

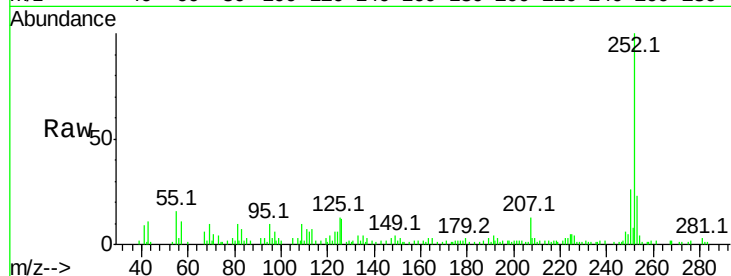




#87
 Benzo(b)fluoranthene
 Concen: 2.53 ng m
 RT: 14.95 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF082535.D
 Acq: 27 Oct 2015 7:01

Instrument :
 BNA_F
 ClientSampleId :
 BT-02(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.9	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

