

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083482.D
 Acq On : 4 Dec 2015 2:25
 Operator : UM/IZ
 Sample : G4617-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Quant Time: Dec 04 04:05:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

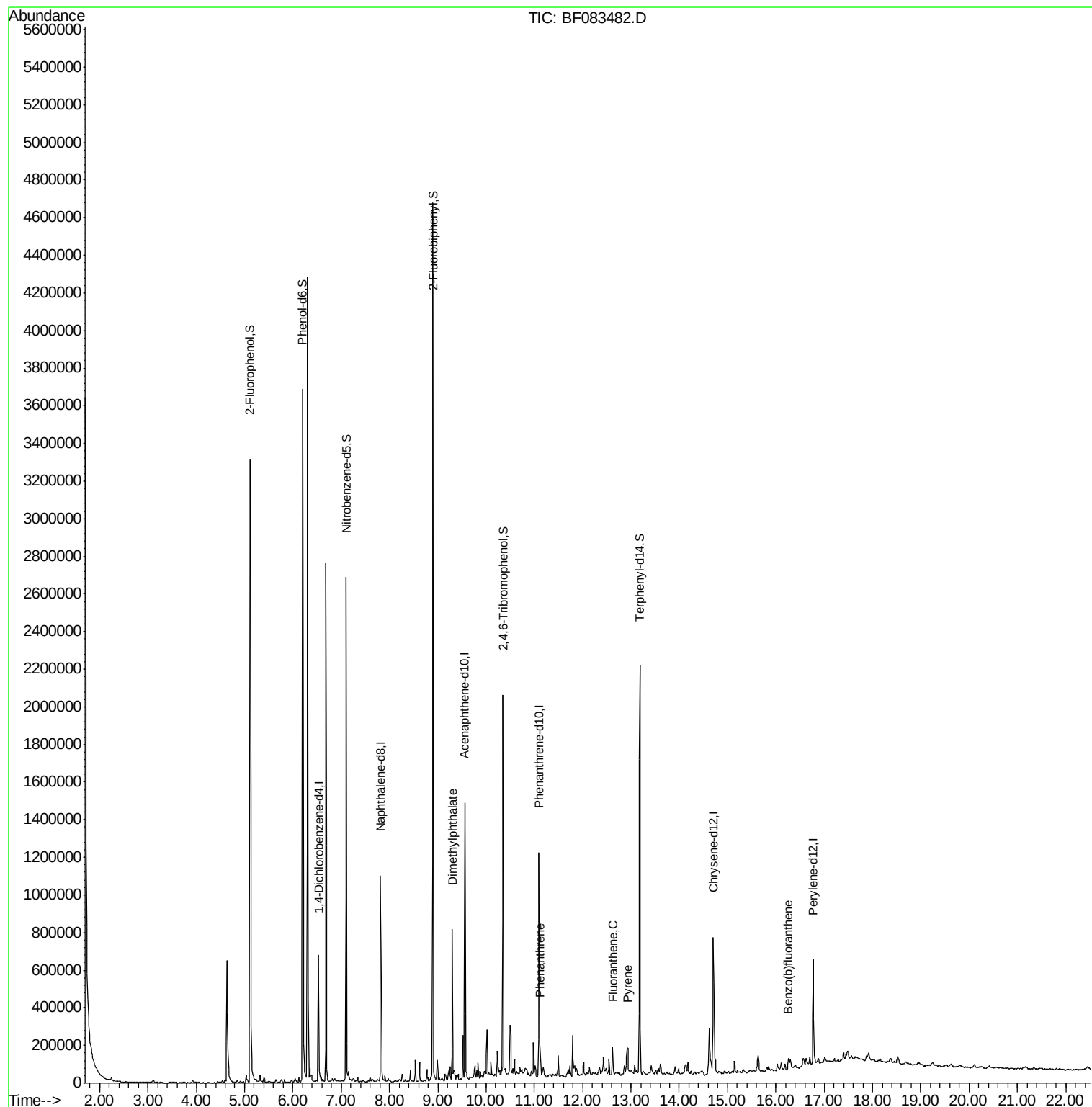
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	151321m	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	581255	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	285161	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	441715	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	356323	20.00	ng	-0.06
86) Perylene-d12	16.77	264	286356	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1058908	105.01	ng	-0.01
7) Phenol-d6	6.20	99	1345825	97.50	ng	-0.02
23) Nitrobenzene-d5	7.10	82	969694	73.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	234276	81.84	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1388718	69.40	ng	-0.02
78) Terphenyl-d14	13.19	244	1000817	66.98	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.30	163	304401	13.14	ng	98
70) Phenanthrene	11.12	178	79195	3.03	ng	98
74) Fluoranthene	12.62	202	87044	3.21	ng	93
77) Pyrene	12.93	202	74627	3.00	ng	99
87) Benzo(b)fluoranthene	16.26	252	36847m	2.01	ng	

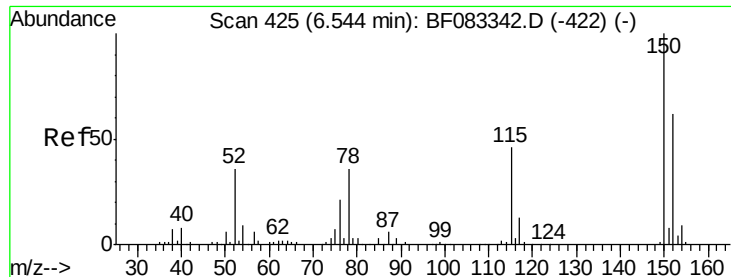
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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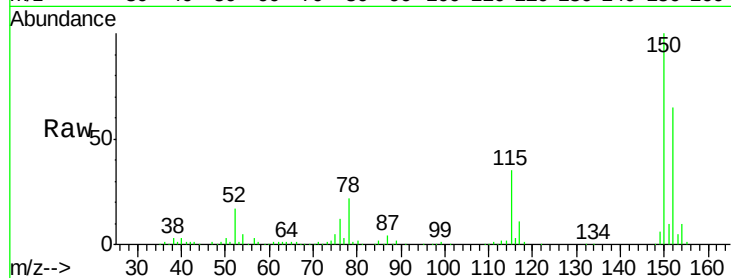


#1

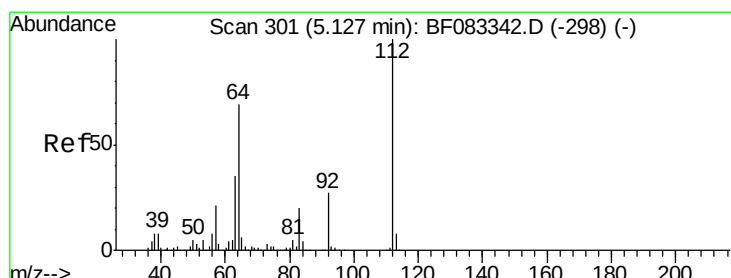
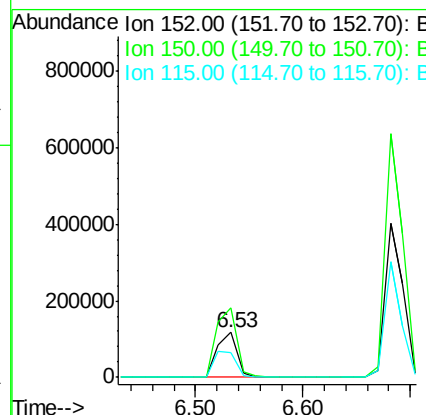
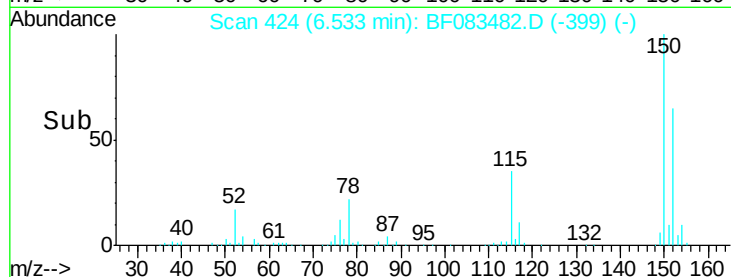
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.53 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
SB-11

Tot Ion:152 Resp: 151321
Ion Ratio Lower Upper
152 100
150 154.6 129.8 194.8
115 54.7 59.2 88.8#



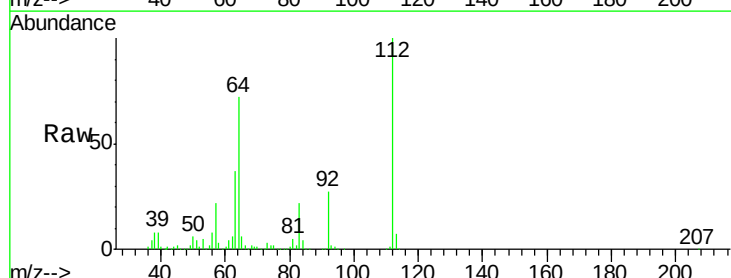
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



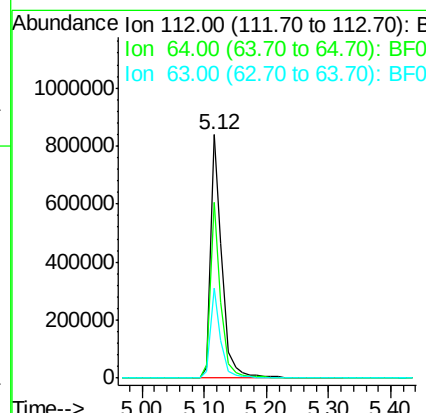
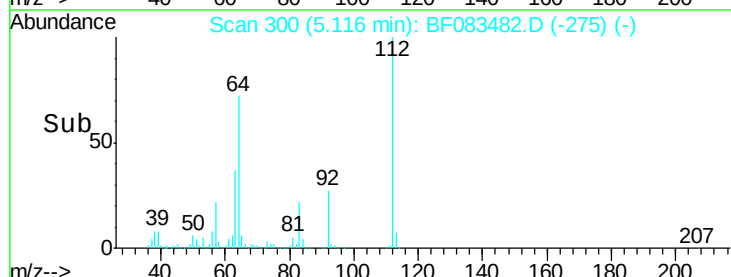
#5

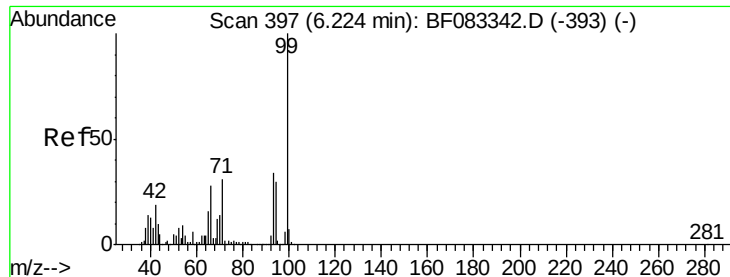
2-Fluorophenol
Concen: 105.01 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083482.D
Acq: 4 Dec 2015 2:25

Tgt Ion:112 Resp: 1058908
Ion Ratio Lower Upper
112 100
64 72.3 55.6 83.4
63 37.1 28.2 42.2



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: 97.50 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

Instrument :

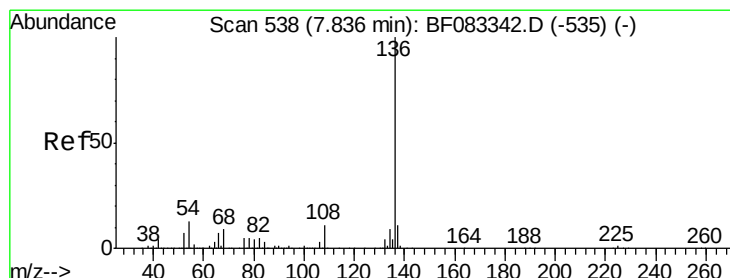
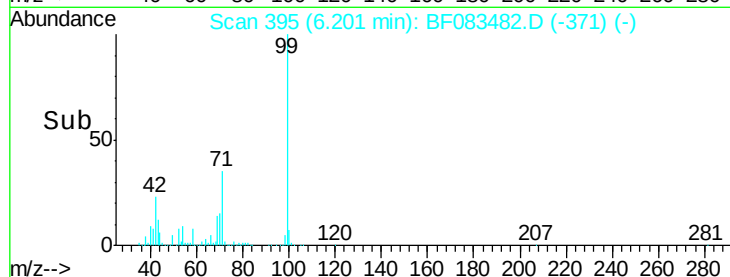
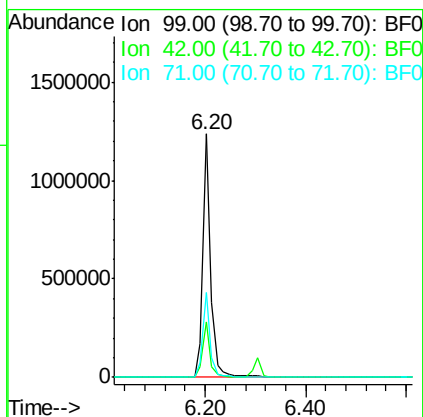
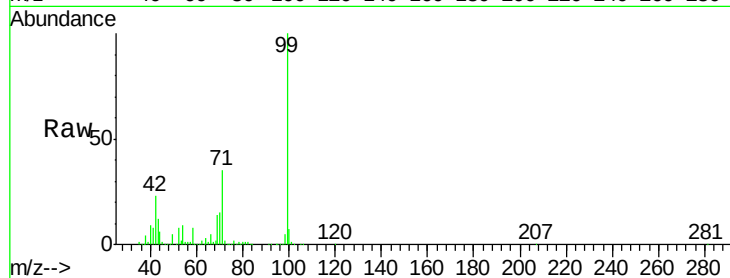
BNA_F

ClientSampleId :

SB-11

Tot Ion: 99 Resp: 1345825

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.9	22.3#
71	35.1	24.7	37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

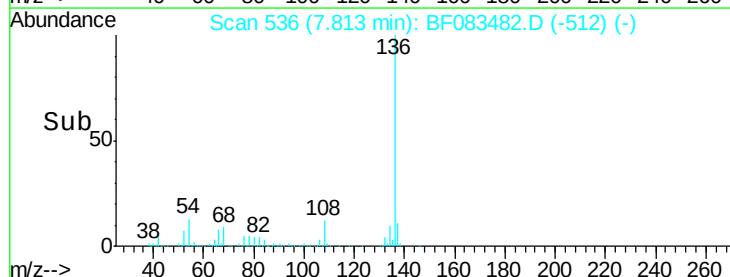
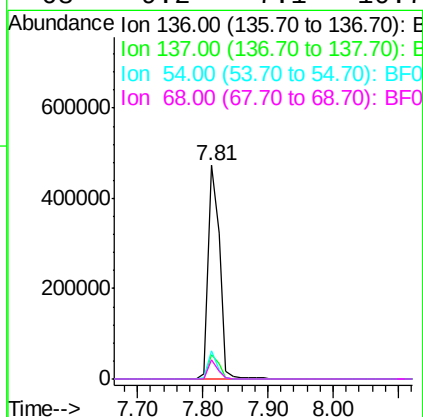
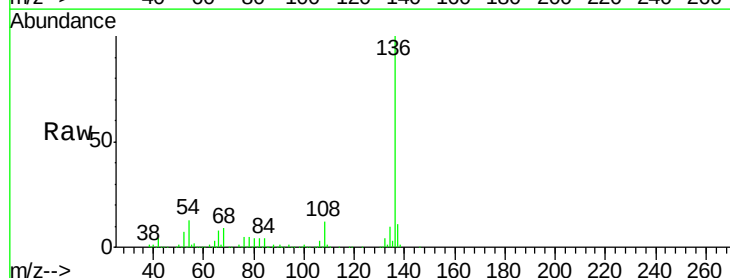
Delta R.T. -0.02 min

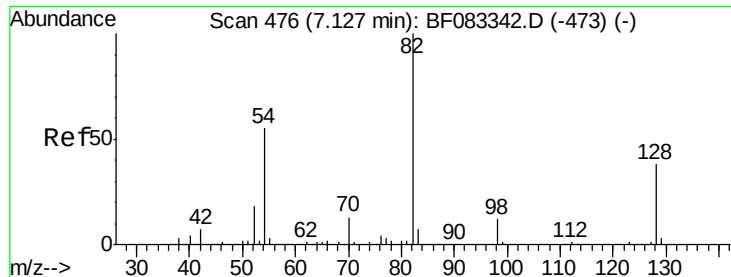
Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

Tgt Ion: 136 Resp: 581255

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	13.2	10.1	15.1
68	9.2	7.1	10.7

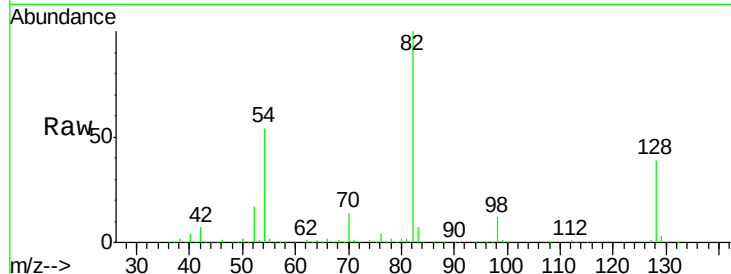




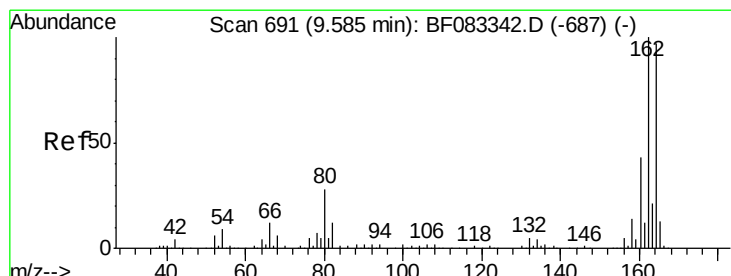
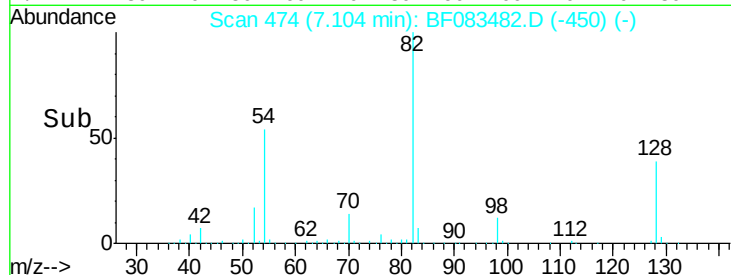
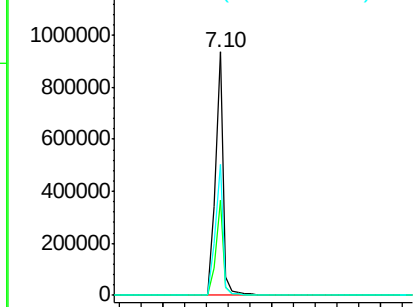
#23
 Nitrobenzene-d5
 Concen: 73.34 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083482.D
 Acq: 4 Dec 2015 2:25

Instrument :
 BNA_F
 ClientSampleID :
 SB-11

Tot Ion: 82 Resp: 969694
 Ion Ratio Lower Upper
 82 100
 128 39.2 30.6 46.0
 54 53.5 43.8 65.6

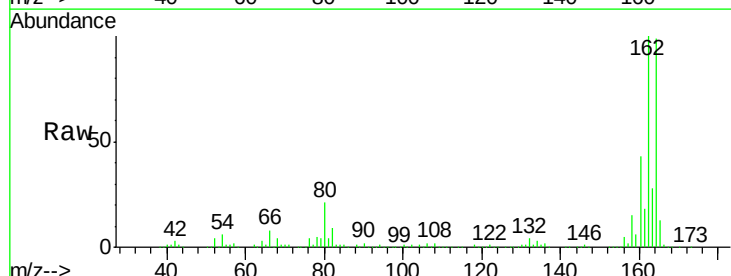


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

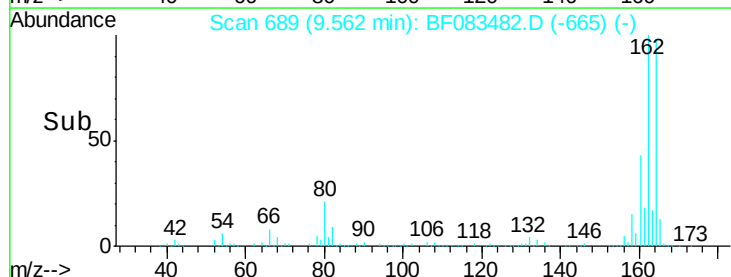
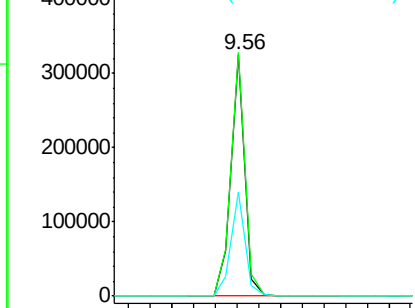


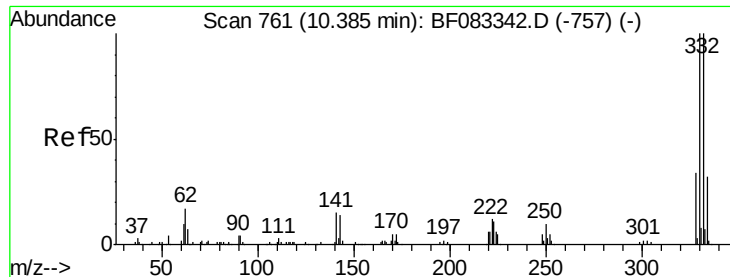
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083482.D
 Acq: 4 Dec 2015 2:25

Tgt Ion: 164 Resp: 285161
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 43.3 35.3 52.9



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

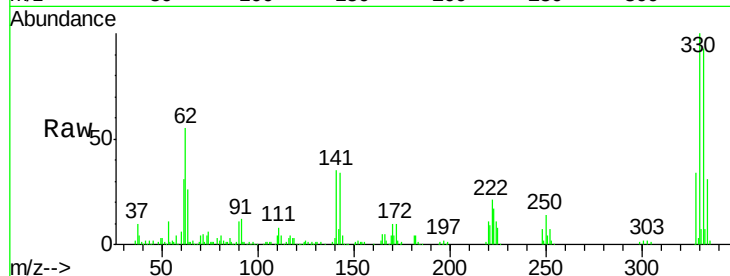




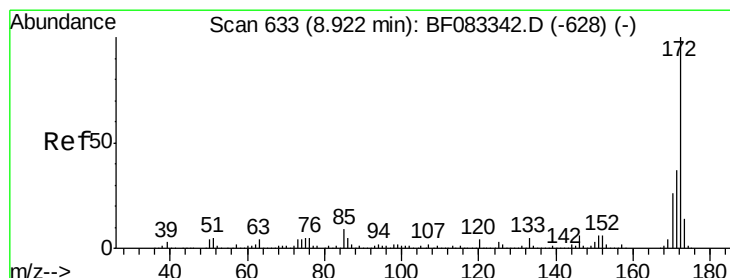
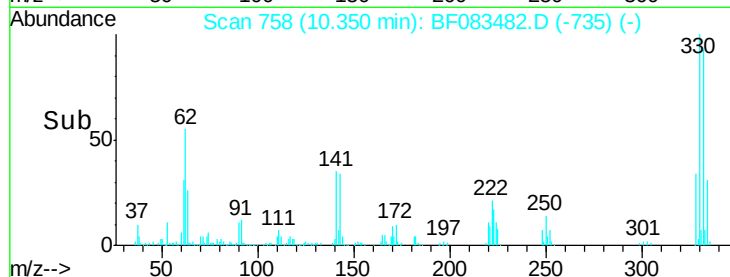
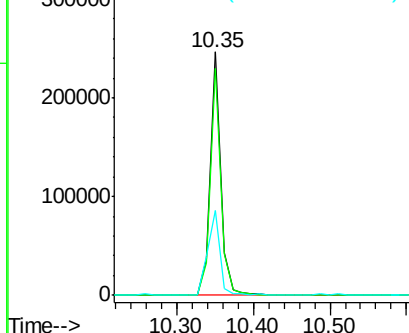
#41
 2,4,6-Tribromophenol
 Concen: 81.84 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083482.D
 Acq: 4 Dec 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.8	116.6
141	40.0	29.4	44.0

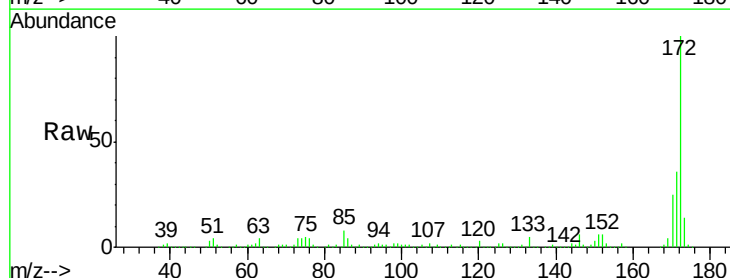


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

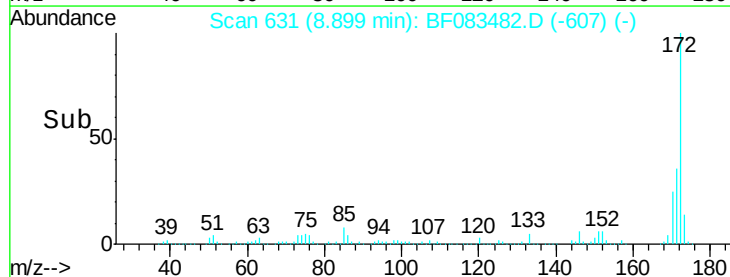
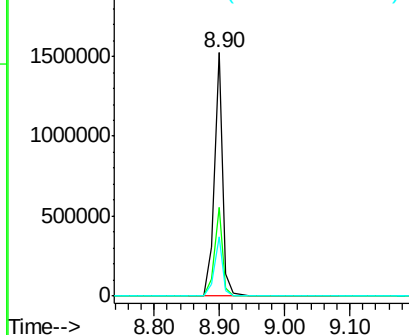


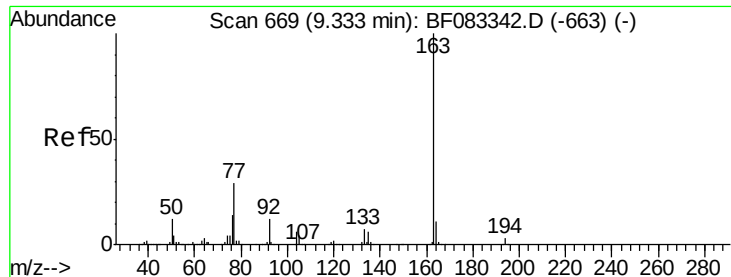
#44
 2-Fluorobiphenyl
 Concen: 69.40 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083482.D
 Acq: 4 Dec 2015 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	20.4	30.6



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: 13.14 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

SB-11

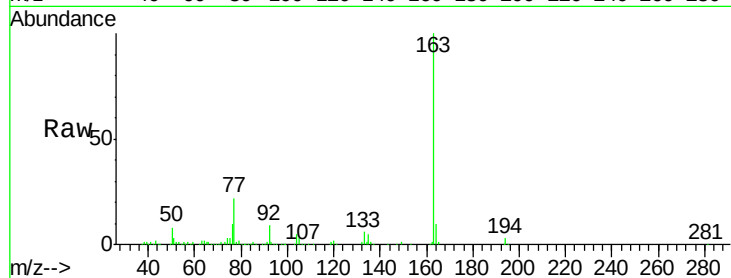
Tot Ion:163 Resp: 304401

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

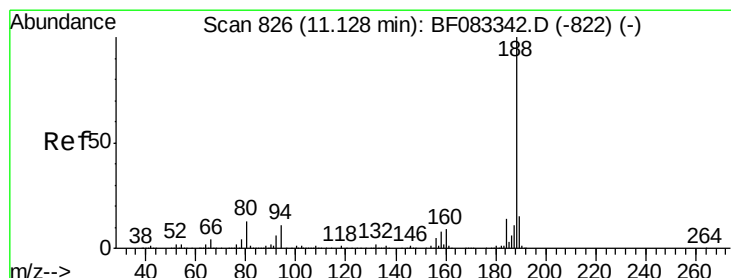
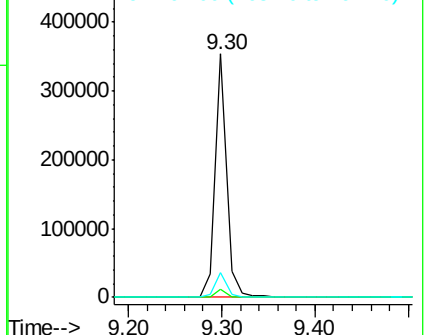
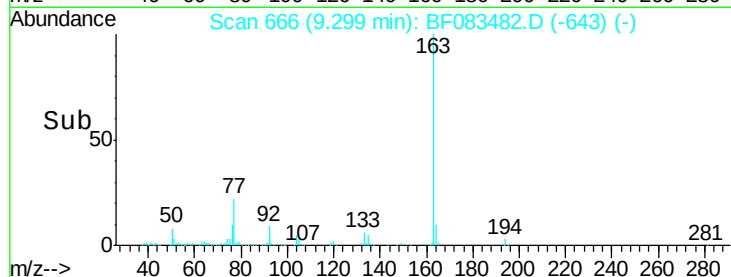
164 10.3 8.8 13.2



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: 11.09 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

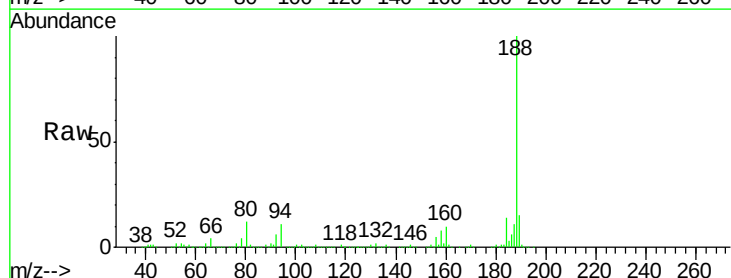
Tgt Ion:188 Resp: 441715

Ion Ratio Lower Upper

188 100

94 11.0 8.7 13.1

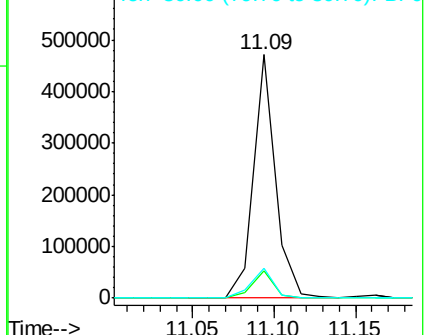
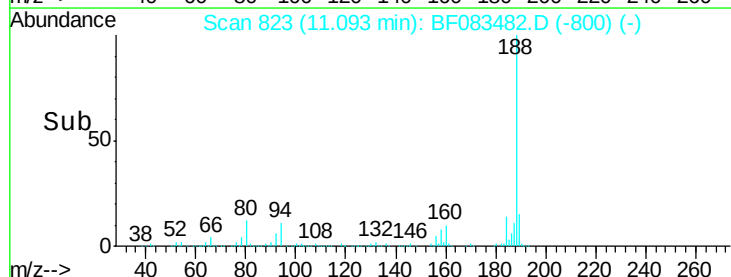
80 12.5 10.3 15.5

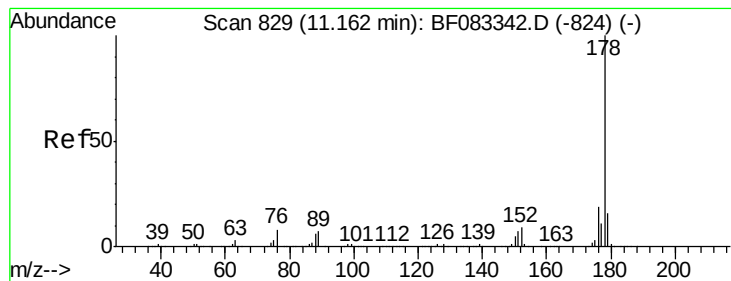


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.03 ng

RT: 11.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

SB-11

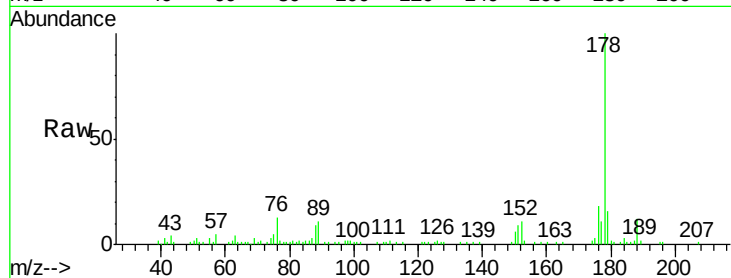
Tot Ion:178 Resp: 79195

Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

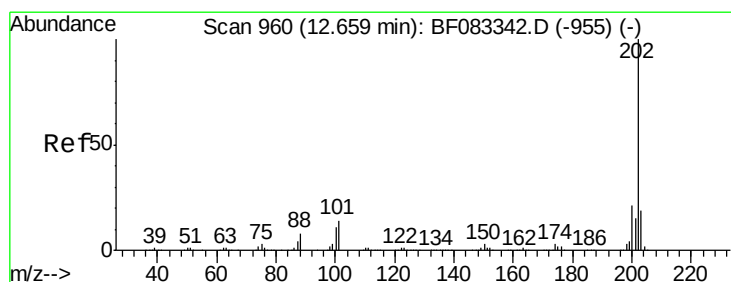
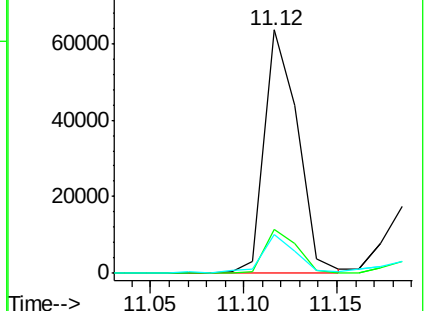
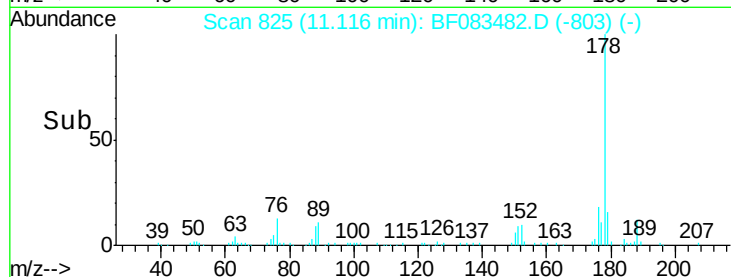
179 16.0 12.4 18.6



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: 3.21 ng

RT: 12.62 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

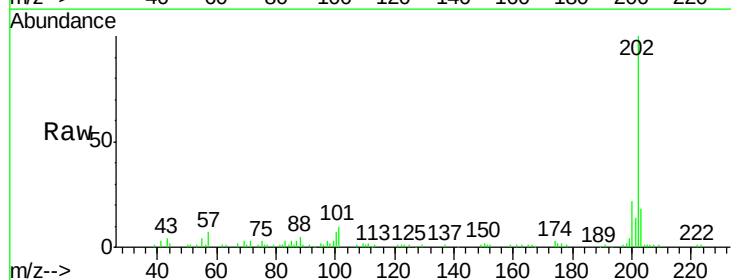
Tgt Ion:202 Resp: 87044

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.5

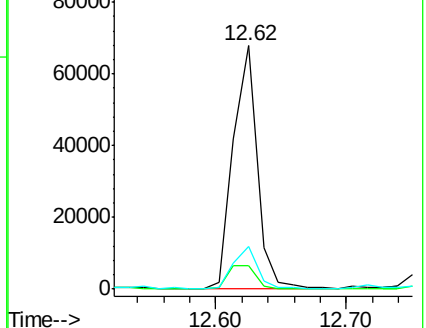
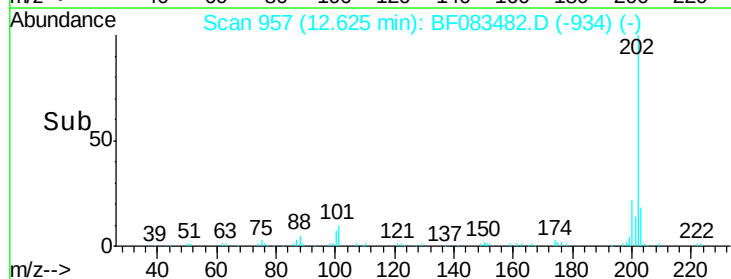
203 17.5 0.0 38.7

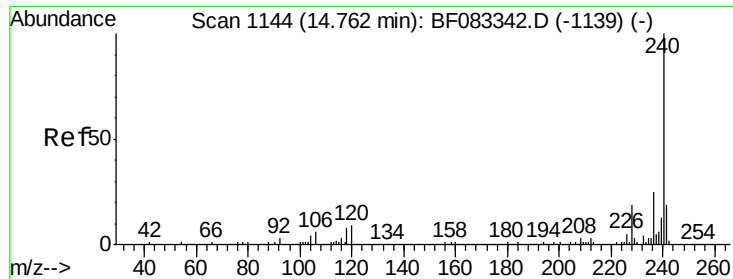


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.71 min Scan# 1139

Delta R.T. -0.06 min

Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

SB-11

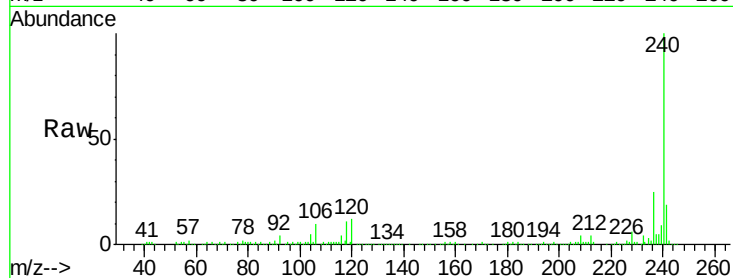
Tot Ion:240 Resp: 356323

Ion Ratio Lower Upper

240 100

120 12.4 6.9 10.3#

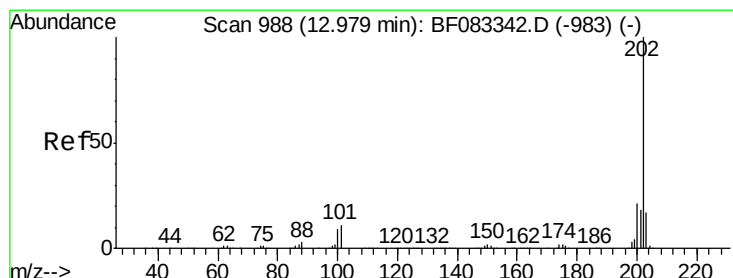
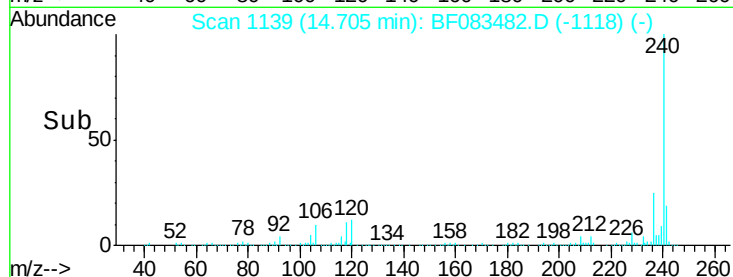
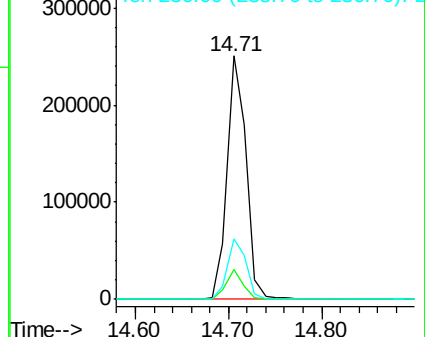
236 24.9 19.8 29.6



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: 3.00 ng

RT: 12.93 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

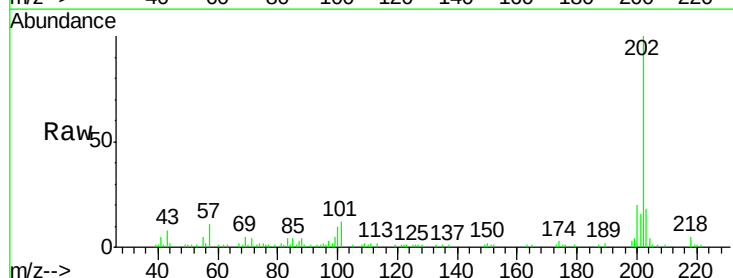
Tgt Ion:202 Resp: 74627

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

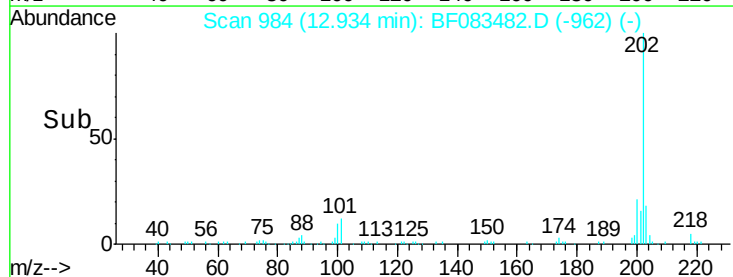
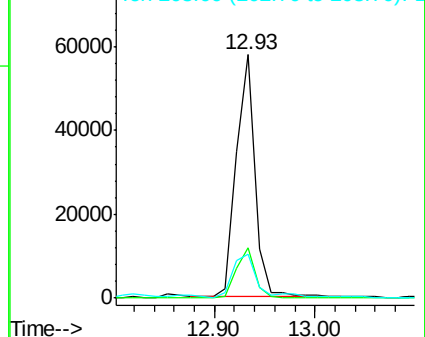
203 17.9 13.9 20.9

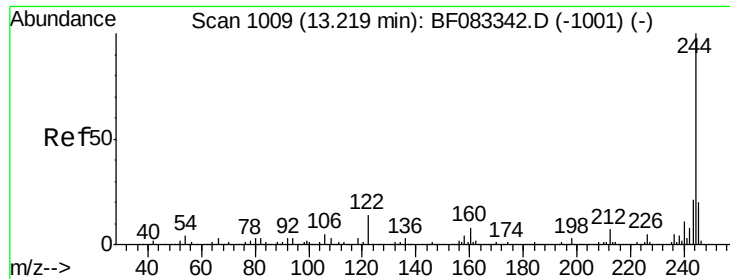


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

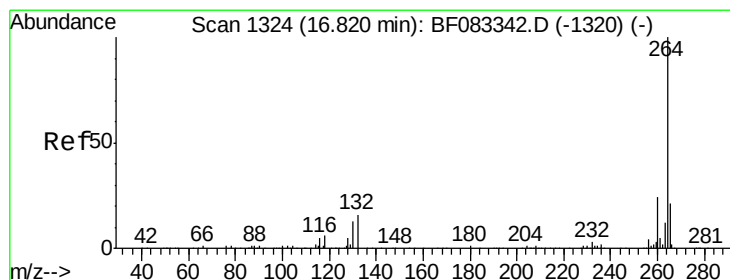
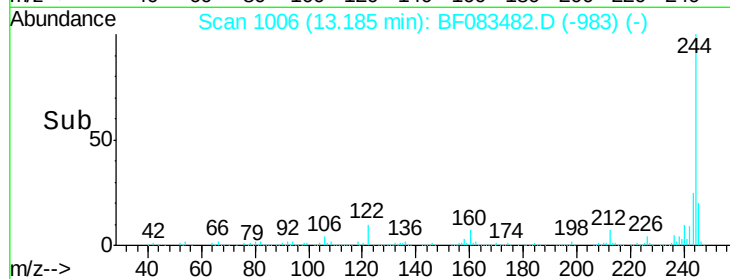
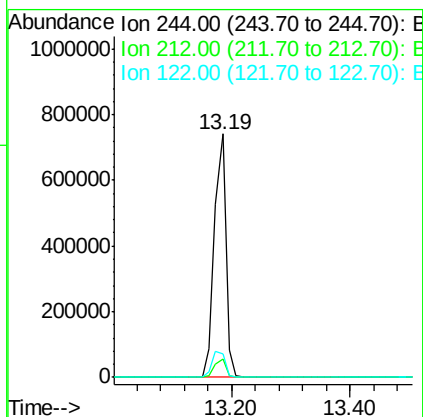
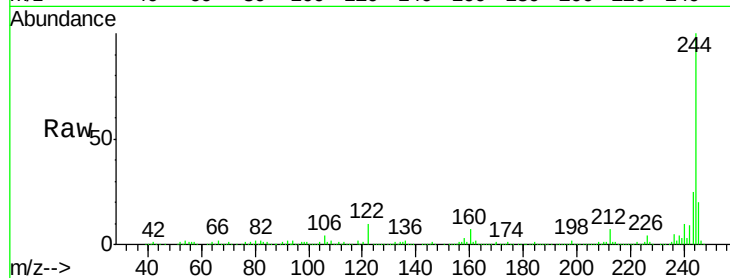




#78
 Terphenyl-d14
 Concen: 66.98 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083482.D
 Acq: 4 Dec 2015 2:25

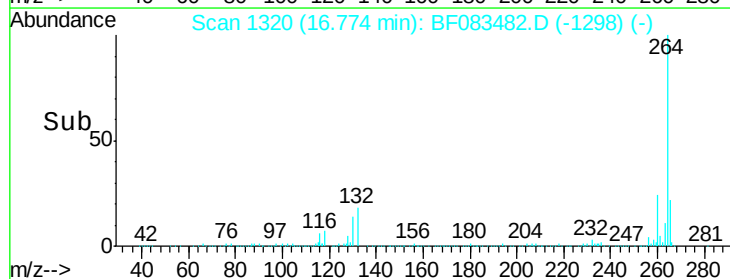
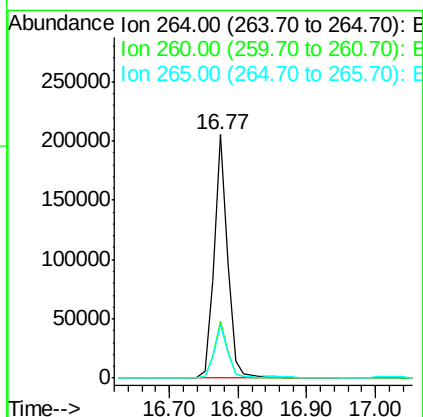
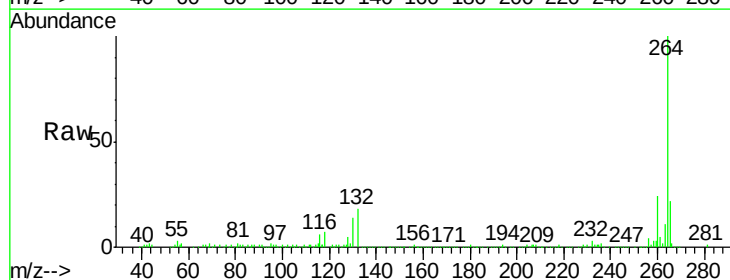
Instrument :
 BNA_F
 ClientSampled :
 SB-11

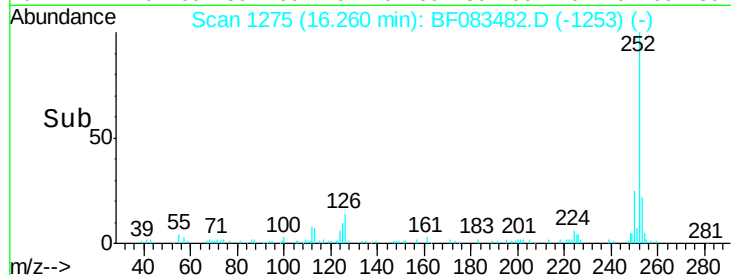
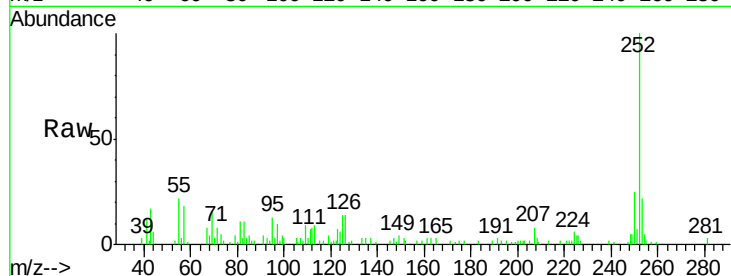
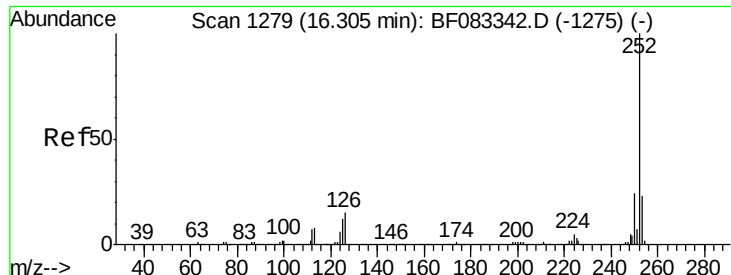
Tot Ion:244 Resp: 1000817
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083482.D
 Acq: 4 Dec 2015 2:25

Tgt Ion:264 Resp: 286356
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.8 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 2.01 ng m

RT: 16.26 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF083482.D

Acq: 4 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

SB-11

Tot Ion:252 Resp: 36847

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 14.2 9.6 14.4

