

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
 Data File : BF082687.D
 Acq On : 4 Nov 2015 6:45
 Operator : UM/IZ
 Sample : G4240-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(18-20)

Quant Time: Nov 04 07:13:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

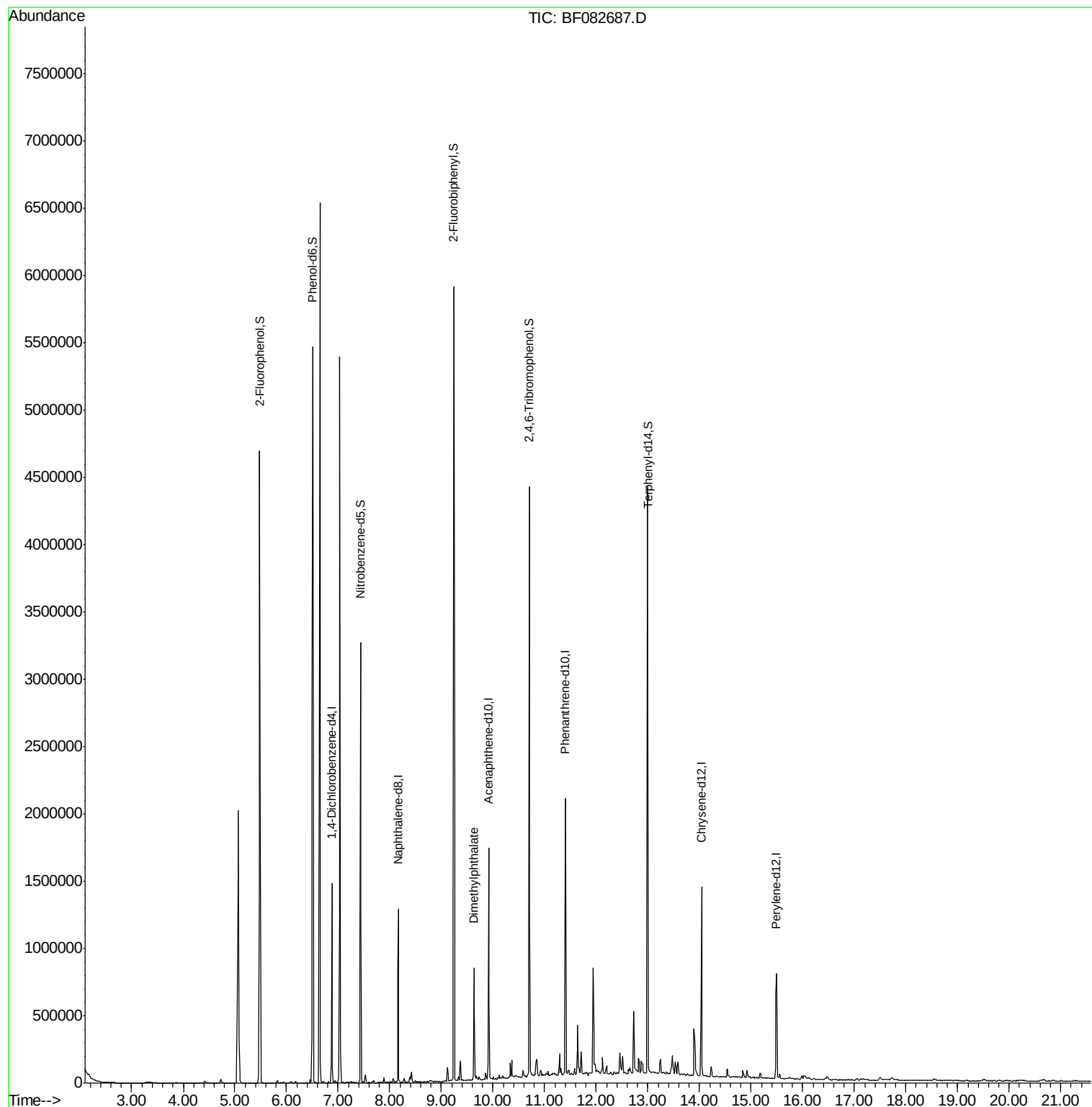
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186669	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	691791	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	339501	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	673075	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	503055	20.00	ng	-0.01
86) Perylene-d12	15.49	264	426758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1494613	120.59	ng	0.01
7) Phenol-d6	6.51	99	1936969	117.64	ng	0.00
23) Nitrobenzene-d5	7.44	82	1310124	77.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	540759	145.54	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	2023080	84.61	ng	-0.01
78) Terphenyl-d14	13.00	244	1983108	86.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	423325	15.27	ng	Qvalue 100

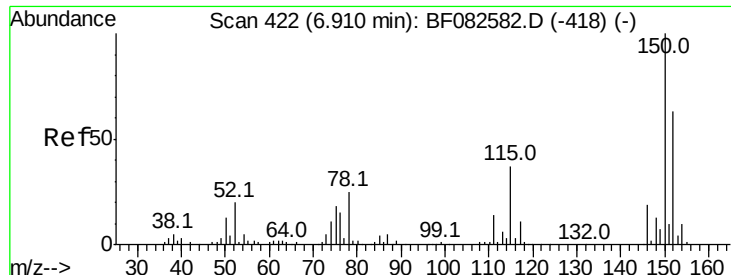
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

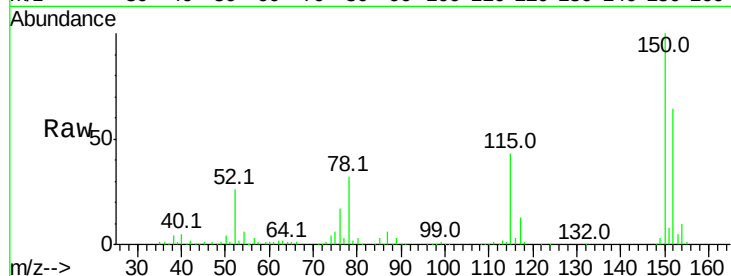
Tot Ion:152 Resp: 186669

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

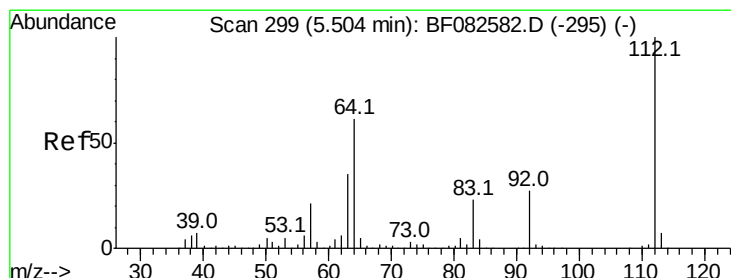
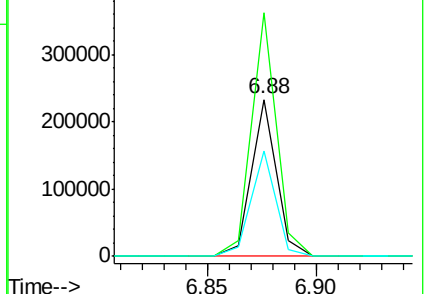
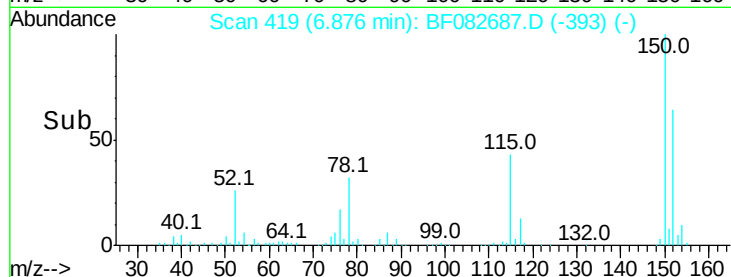
115 67.3 47.0 70.6



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: 120.59 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

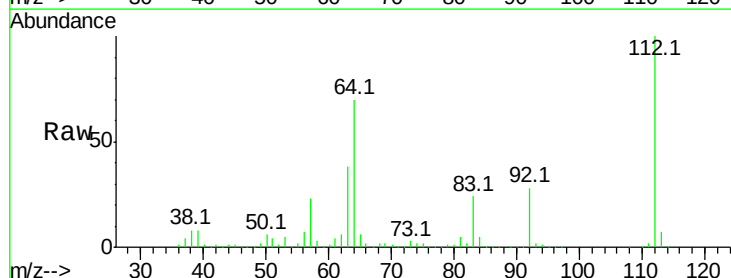
Tgt Ion:112 Resp: 1494613

Ion Ratio Lower Upper

112 100

64 70.3 48.9 73.3

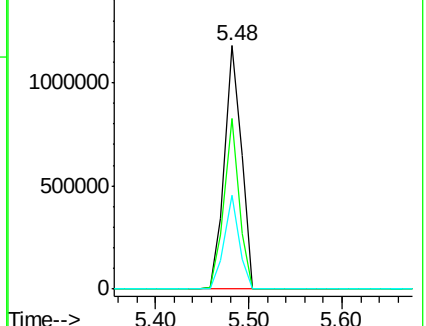
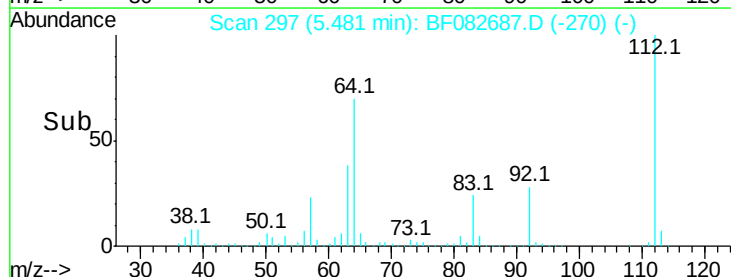
63 38.4 28.1 42.1

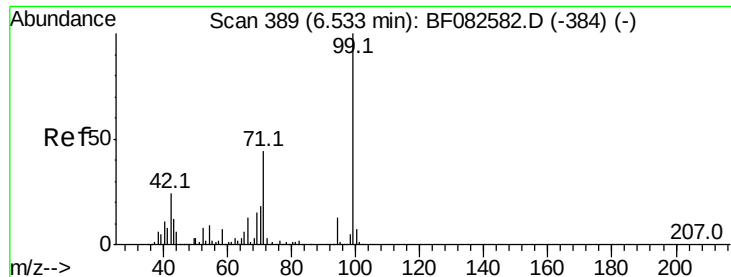


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.64 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

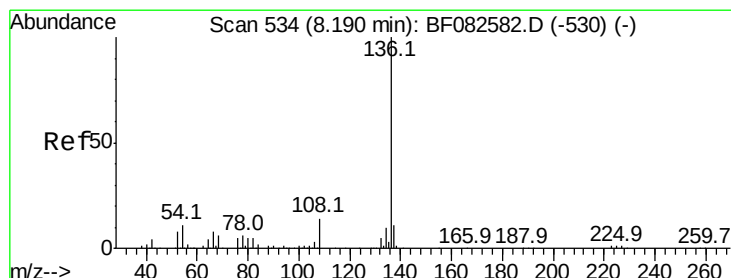
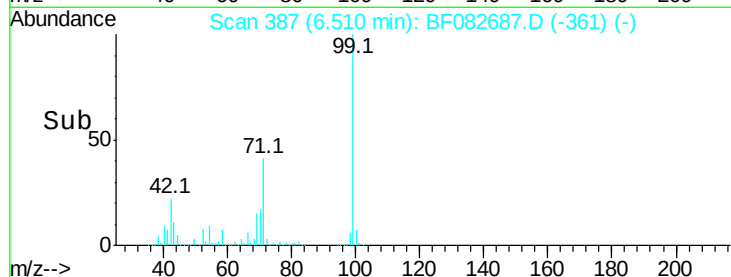
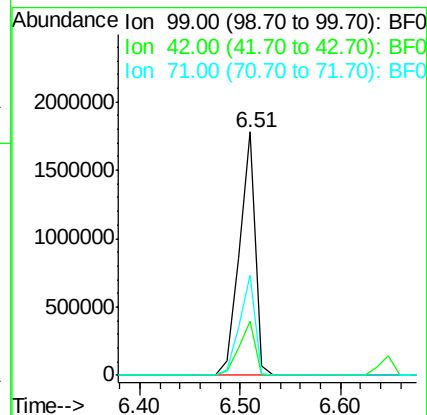
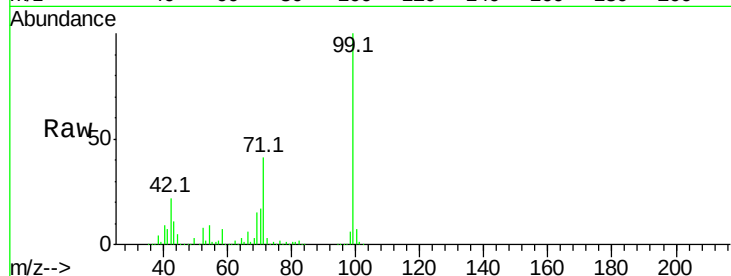
Tot Ion: 99 Resp: 1936969

Ion Ratio Lower Upper

99 100

42 22.2 19.2 28.8

71 41.0 35.0 52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Tgt Ion: 136 Resp: 691791

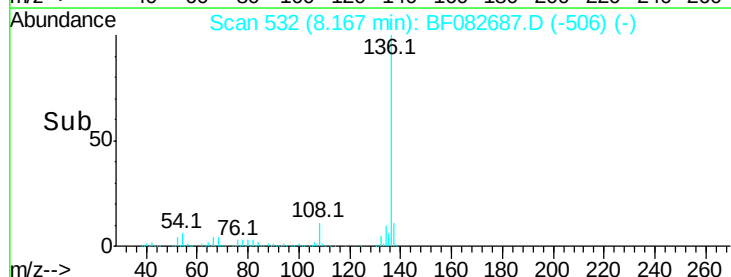
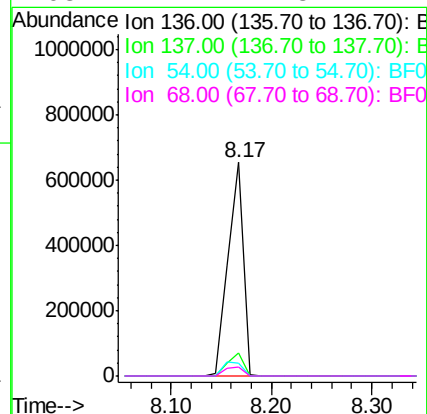
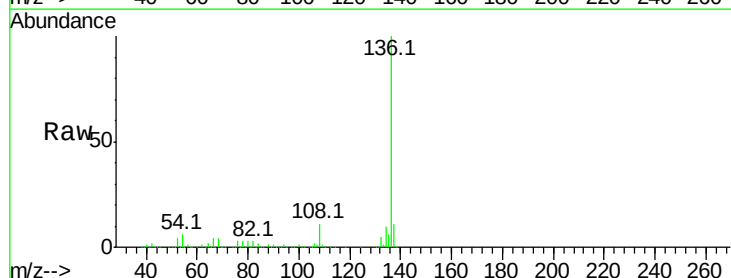
Ion Ratio Lower Upper

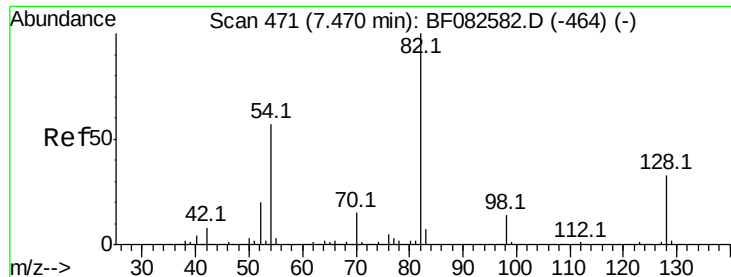
136 100

137 10.6 9.1 13.7

54 6.2 9.1 13.7#

68 4.1 4.8 7.2#

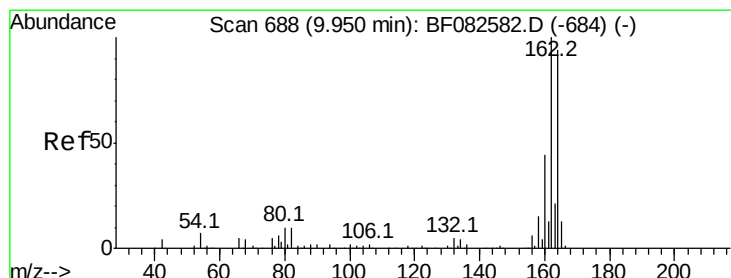
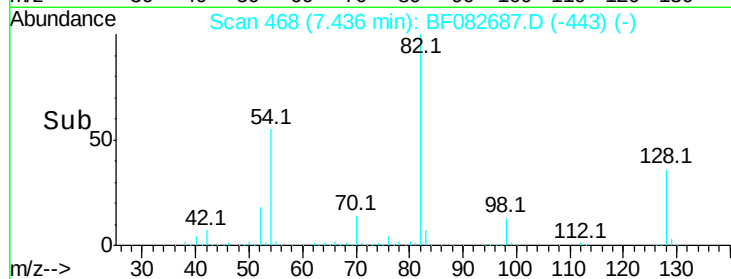
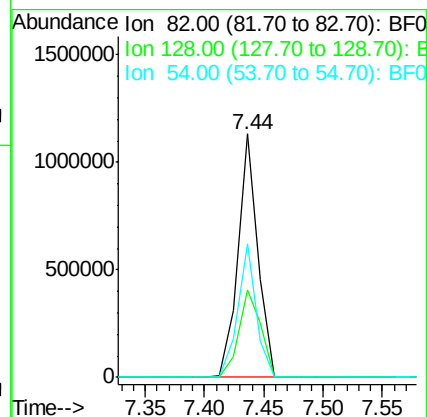
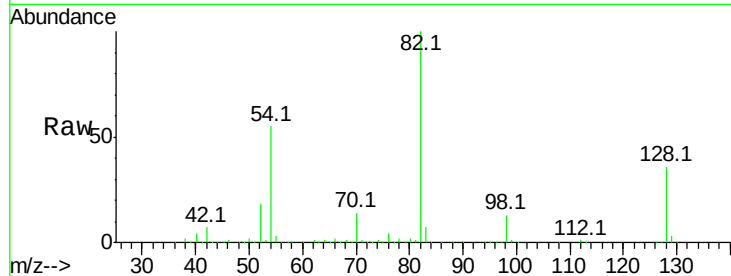




#23
Nitrobenzene-d5
Concen: 77.33 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF082687.D
Acq: 4 Nov 2015 6:45

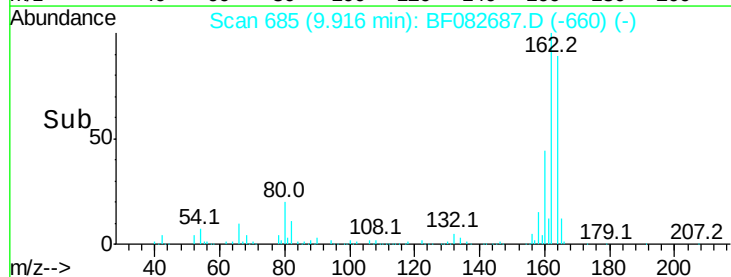
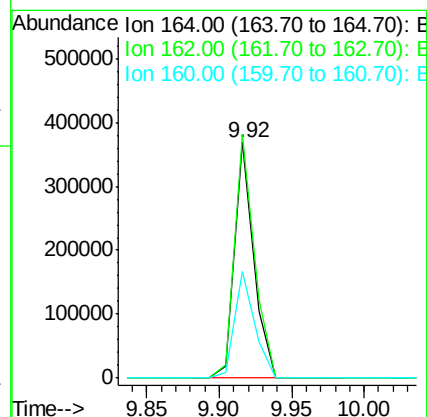
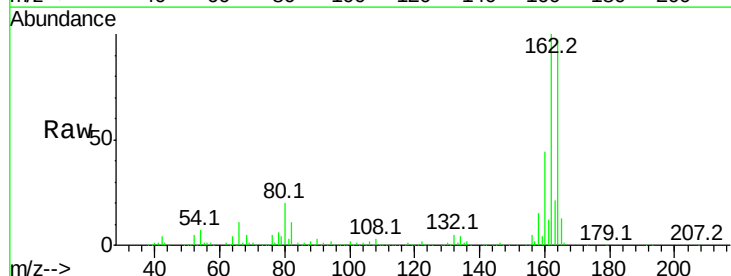
Instrument :
BNA_F
ClientSampleId :
SB-04(18-20)

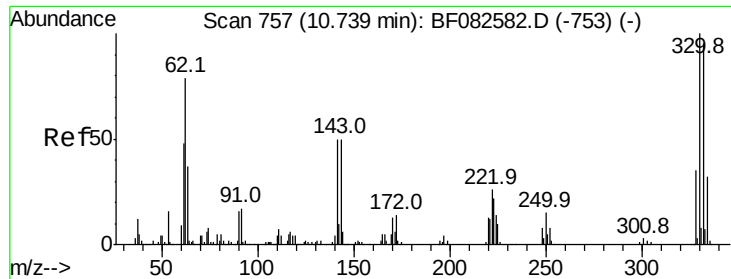
Tot Ion: 82 Resp: 1310124
Ion Ratio Lower Upper
82 100
128 35.7 26.8 40.2
54 54.9 45.7 68.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082687.D
Acq: 4 Nov 2015 6:45

Tgt Ion:164 Resp: 339501
Ion Ratio Lower Upper
164 100
162 103.2 84.9 127.3
160 45.1 37.5 56.3

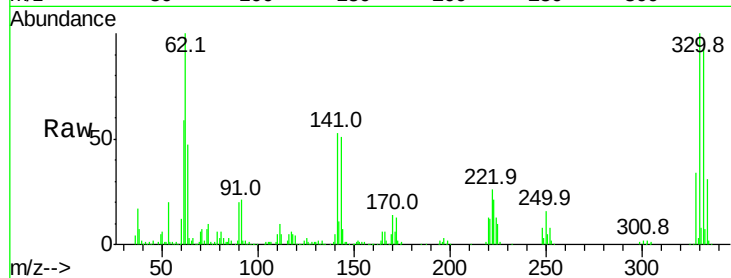




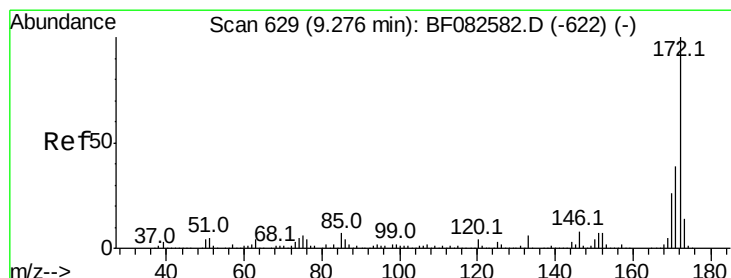
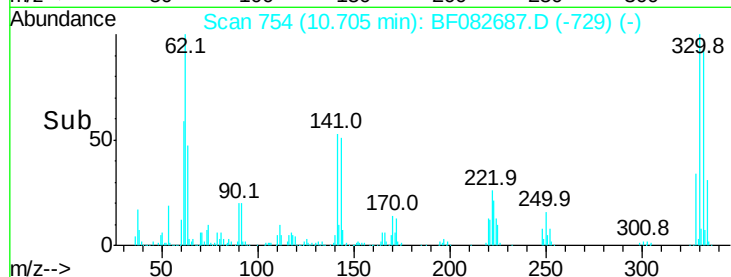
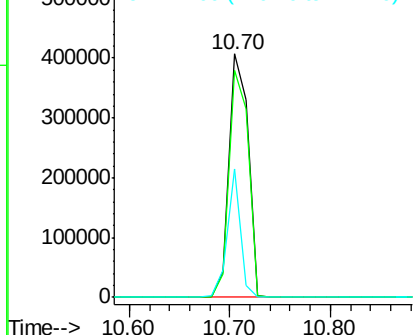
#41
 2,4,6-Tribromophenol
 Concen: 145.54 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082687.D
 Acq: 4 Nov 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(18-20)

Tot Ion:330 Resp: 540759
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 114.8
 141 36.5 41.2 61.8#

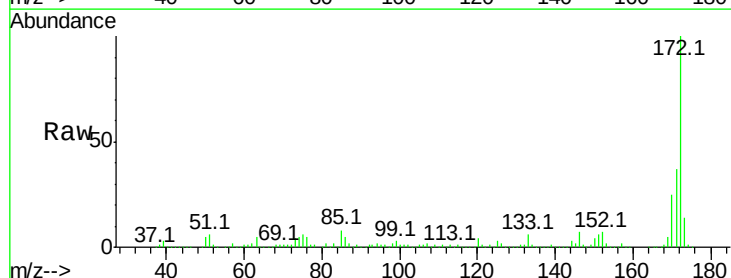


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

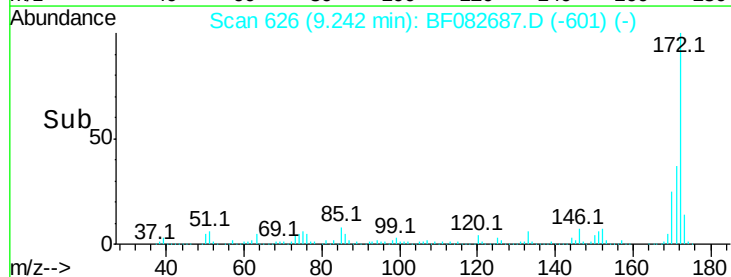
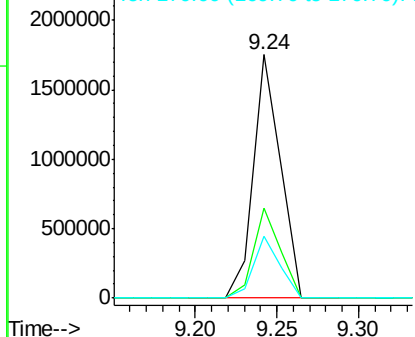


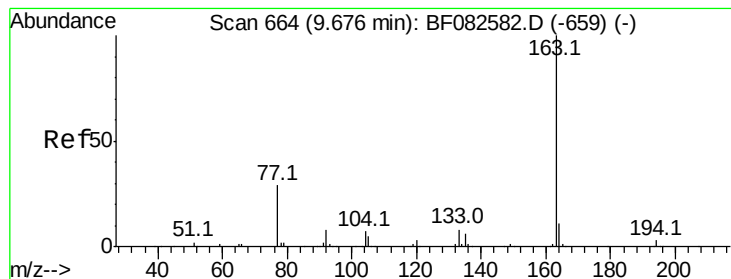
#44
 2-Fluorobiphenyl
 Concen: 84.61 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082687.D
 Acq: 4 Nov 2015 6:45

Tgt Ion:172 Resp: 2023080
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.5 21.2 31.8



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: 15.27 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

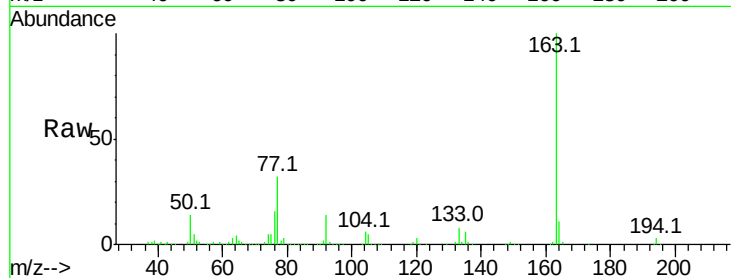
Tot Ion:163 Resp: 423325

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

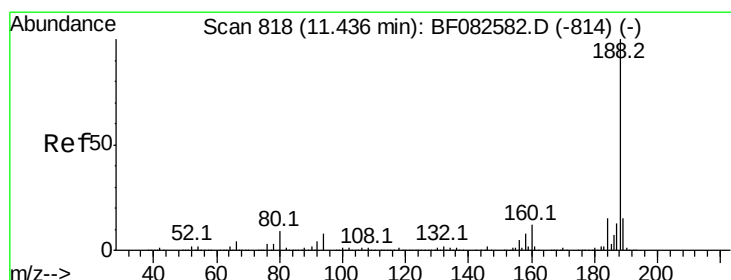
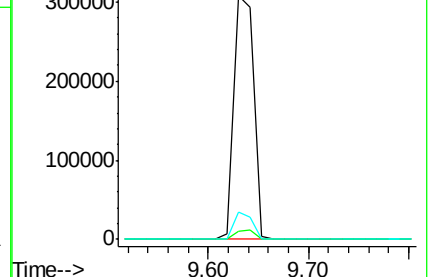
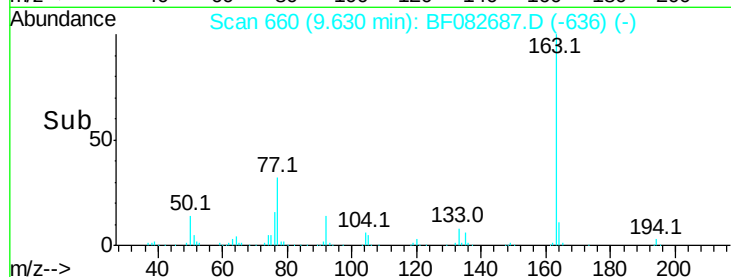
164 11.1 8.7 13.1



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: 11.40 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

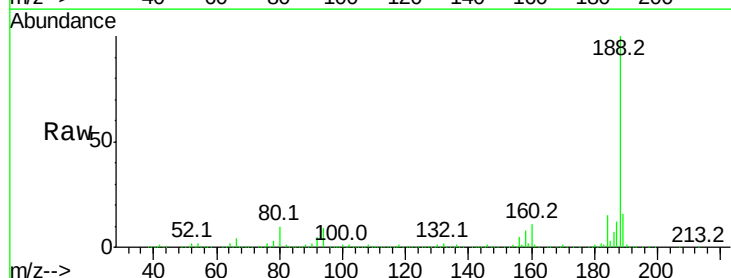
Tgt Ion:188 Resp: 673075

Ion Ratio Lower Upper

188 100

94 8.5 6.1 9.1

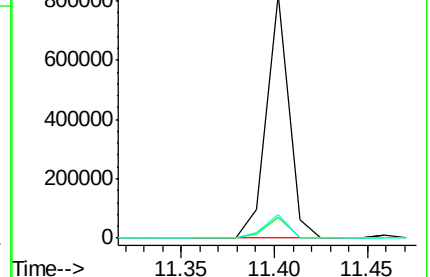
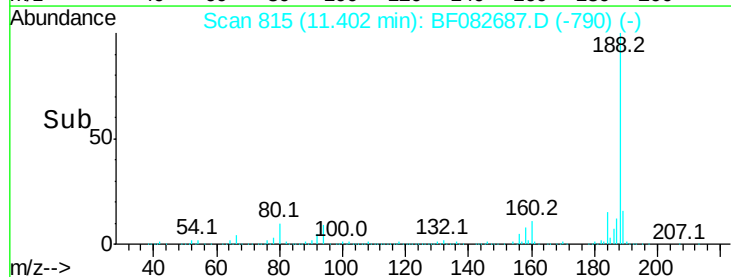
80 9.9 7.0 10.6

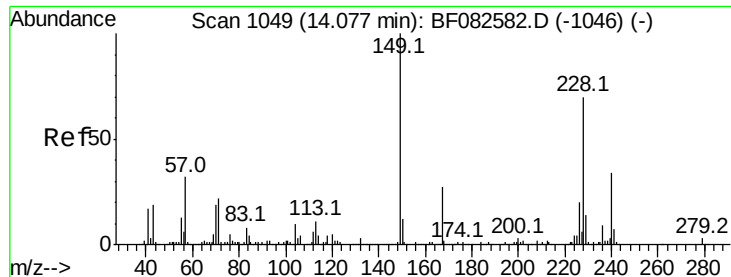


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

Instrument :

BNA_F

ClientSampleId :

SB-04(18-20)

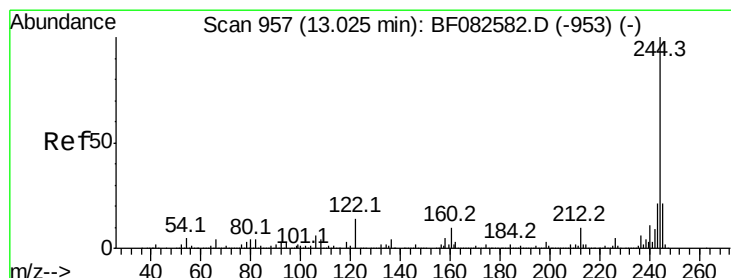
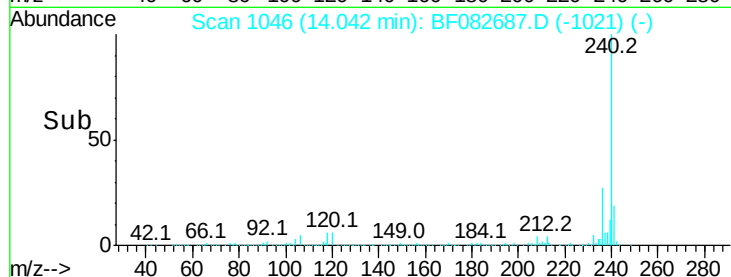
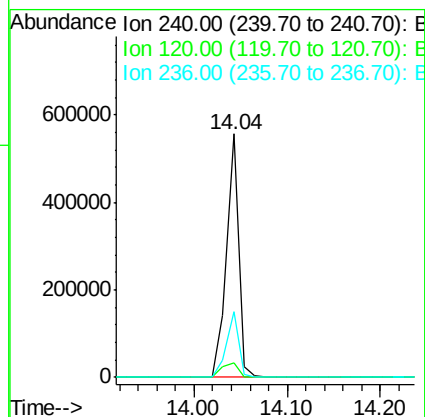
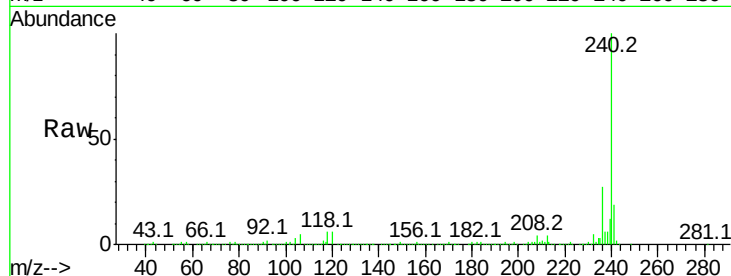
Tot Ion:240 Resp: 503055

Ion Ratio Lower Upper

240 100

120 6.1 10.9 16.3#

236 27.0 21.6 32.4



#78

Terphenyl-d14

Concen: 86.27 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF082687.D

Acq: 4 Nov 2015 6:45

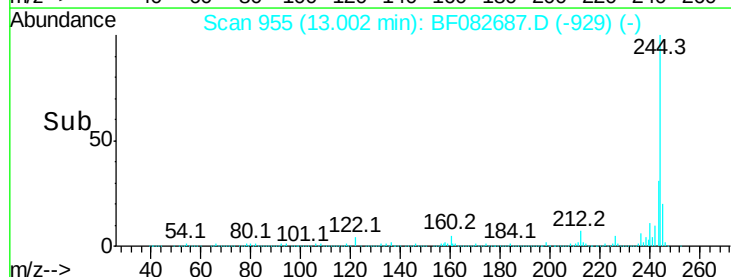
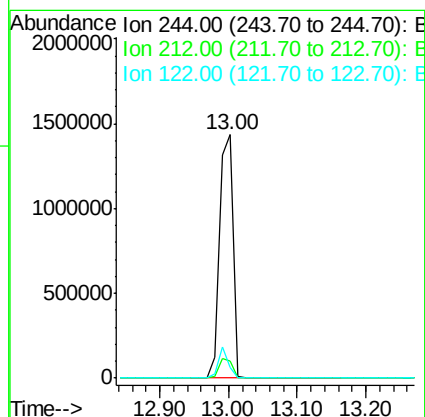
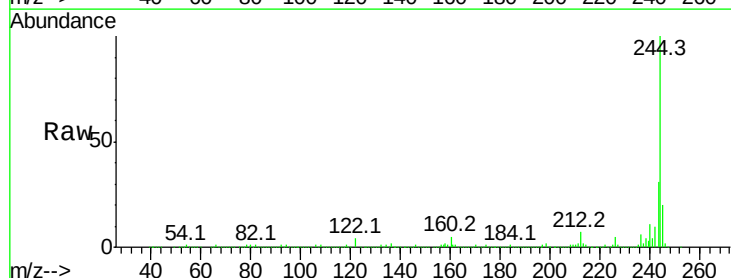
Tgt Ion:244 Resp: 1983108

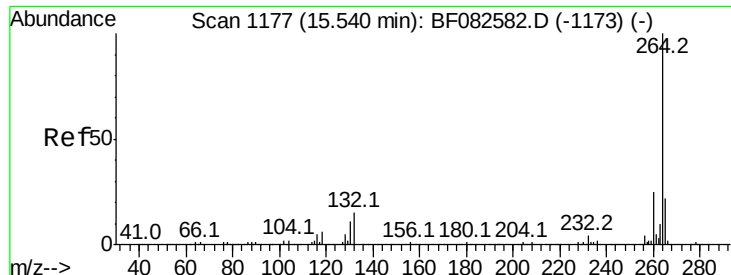
Ion Ratio Lower Upper

244 100

212 7.2 7.6 11.4#

122 4.3 11.3 16.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF082687.D
 Acq: 4 Nov 2015 6:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(18-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.5	17.4	26.0

