

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082674.D
 Acq On : 3 Nov 2015 21:44
 Operator : UM/IZ
 Sample : G4240-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(14-16)

Quant Time: Nov 04 04:16:42 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

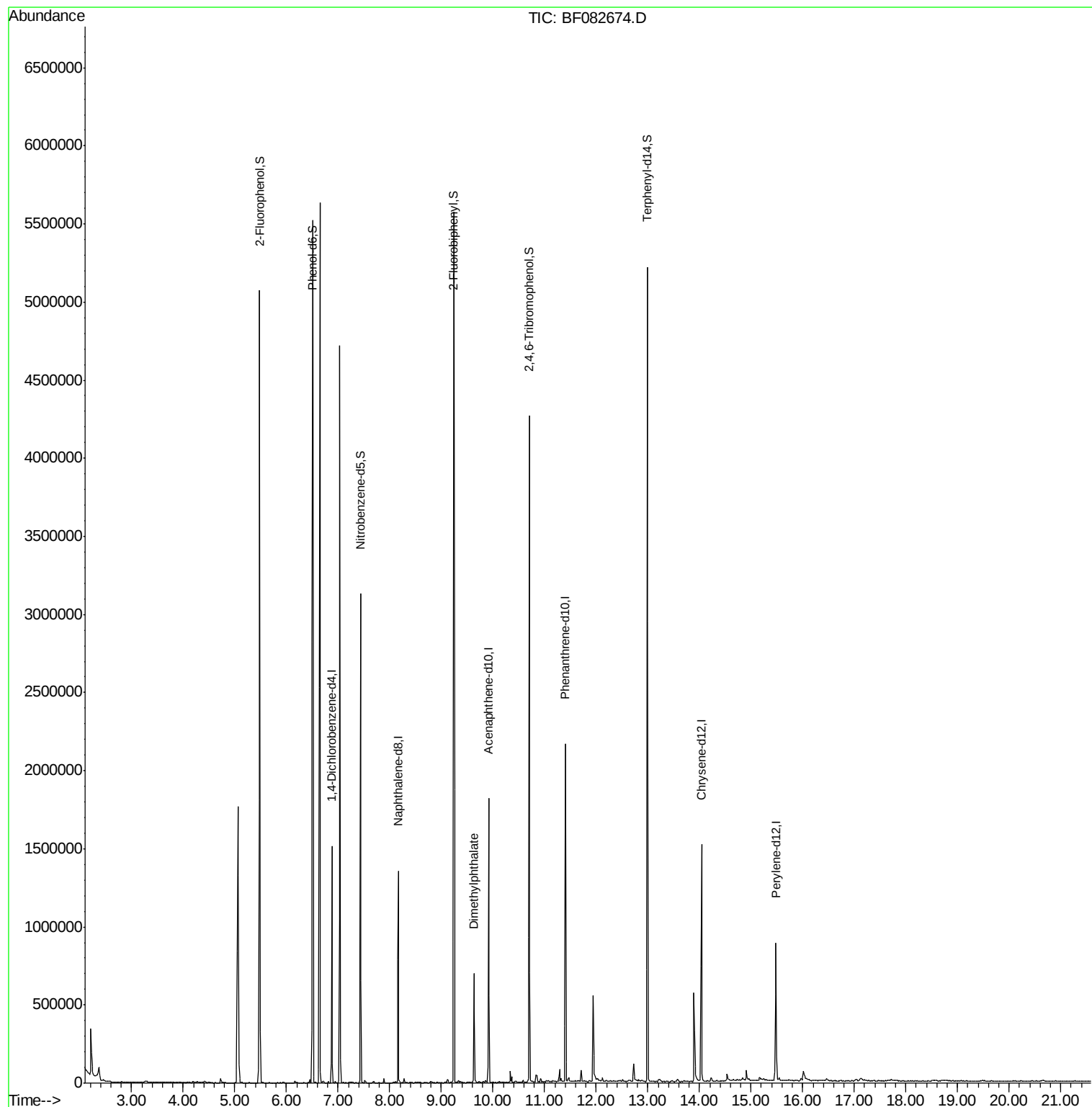
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	186104	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	707112	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	354682	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	718062	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	572121	20.00	ng	-0.01
86) Perylene-d12	15.48	264	446452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1265229	102.40	ng	0.01
7) Phenol-d6	6.51	99	1963283	119.60	ng	0.00
23) Nitrobenzene-d5	7.44	82	1094265	63.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	442888	114.10	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1848172	73.98	ng	-0.01
78) Terphenyl-d14	12.99	244	1987099	76.01	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	352170	12.16	ng	98

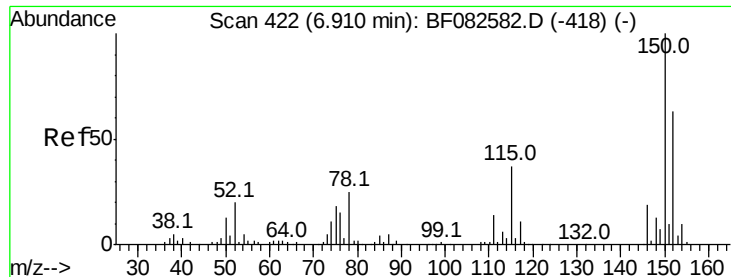
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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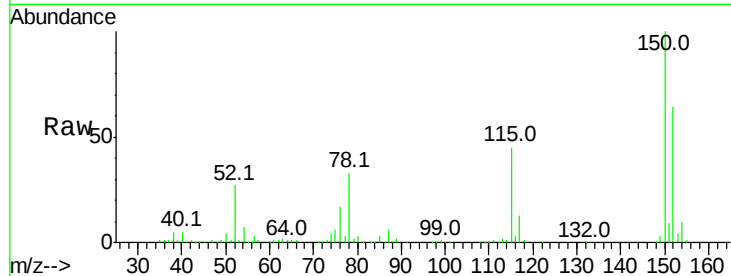


#1

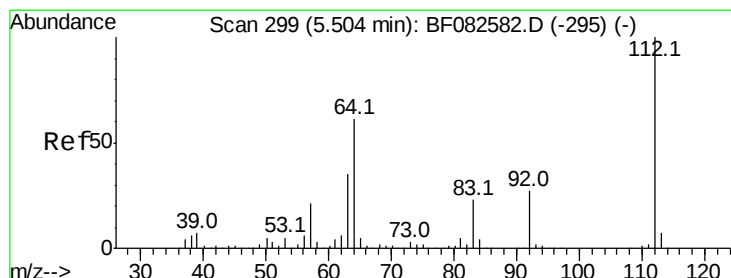
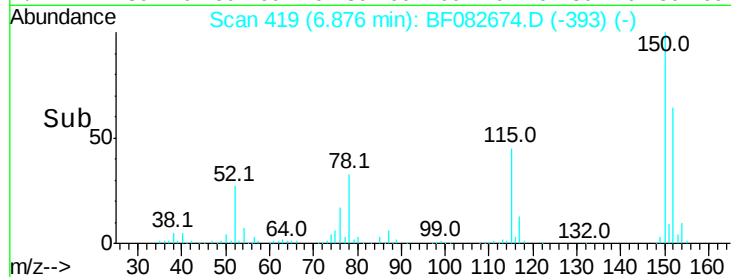
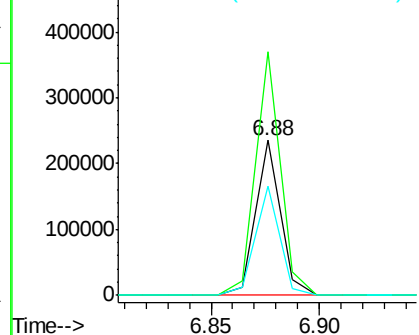
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082674.D
Acq: 3 Nov 2015 21:44

Instrument :
BNA_F
ClientSampleId :
SB-06(14-16)

Tot Ion:152 Resp: 186104
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.4
115 70.2 47.0 70.6



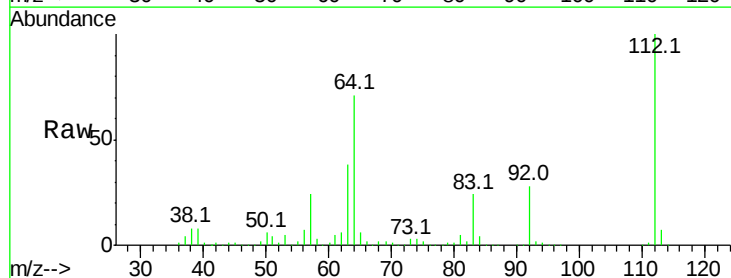
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



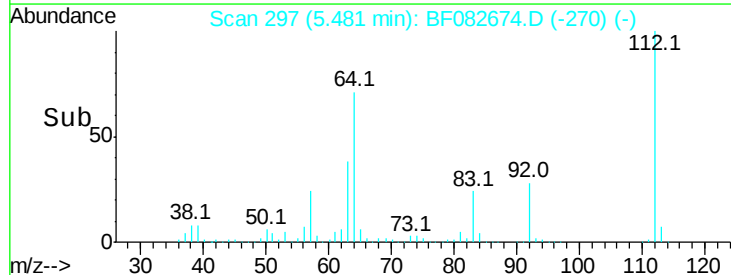
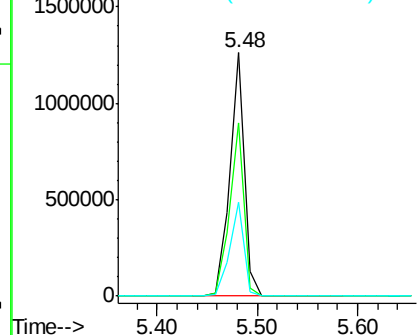
#5

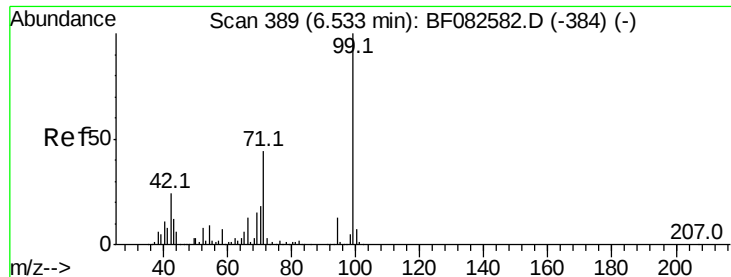
2-Fluorophenol
Concen: 102.40 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF082674.D
Acq: 3 Nov 2015 21:44

Tgt Ion:112 Resp: 1265229
Ion Ratio Lower Upper
112 100
64 71.0 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: 119.60 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

SB-06(14-16)

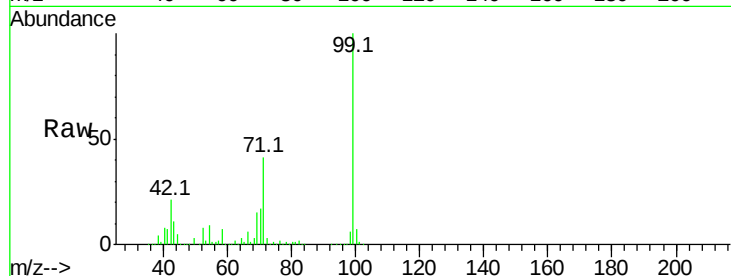
Tot Ion: 99 Resp: 1963283

Ion Ratio Lower Upper

99 100

42 21.1 19.2 28.8

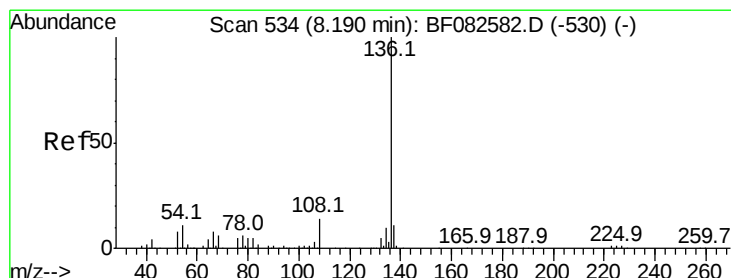
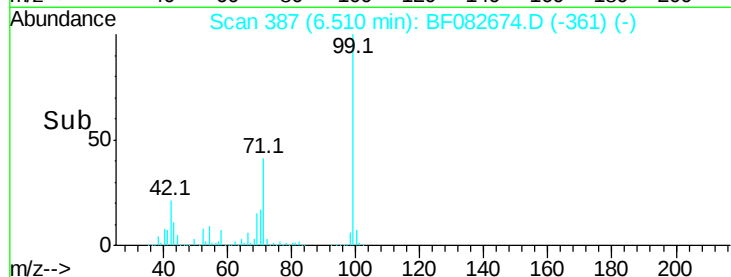
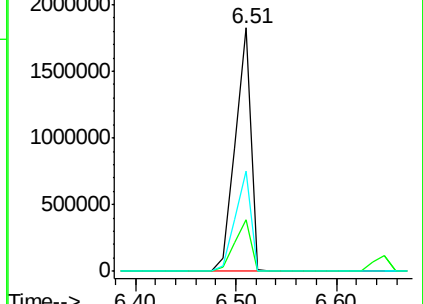
71 41.0 35.0 52.4



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: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Tgt Ion: 136 Resp: 707112

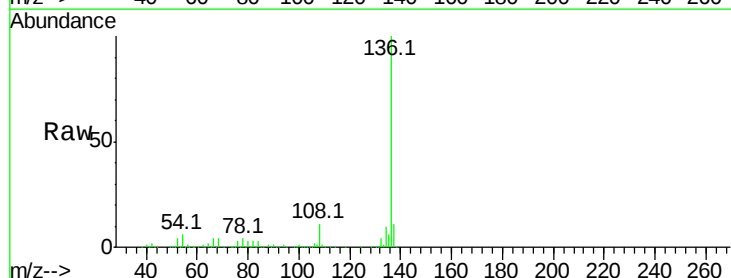
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.1 9.1 13.7#

68 4.4 4.8 7.2#

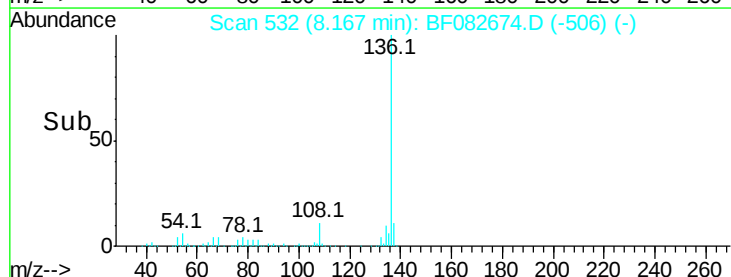
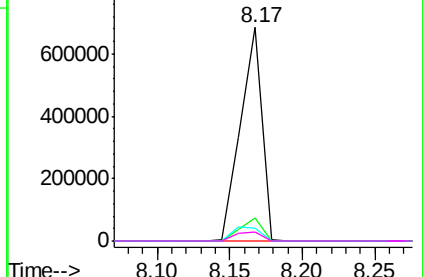


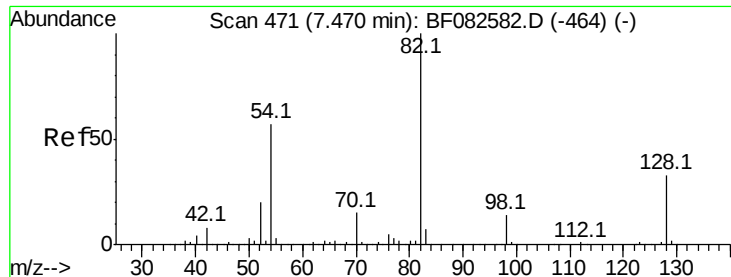
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.19 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

SB-06(14-16)

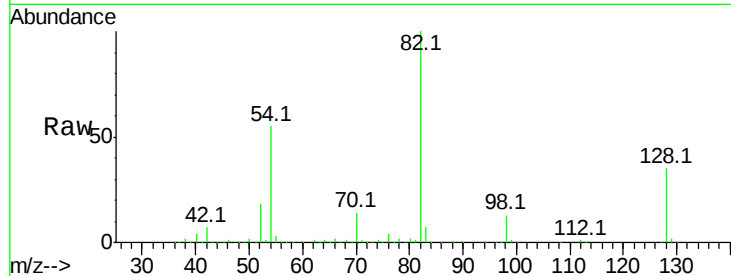
Tot Ion: 82 Resp: 1094265

Ion Ratio Lower Upper

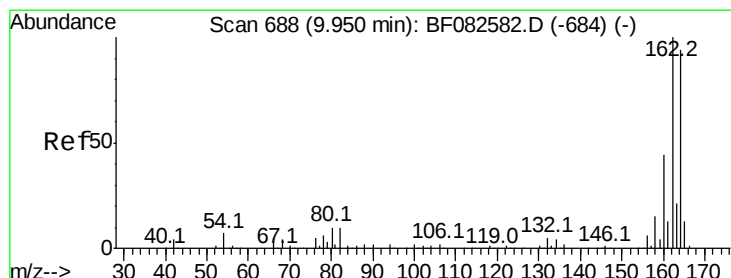
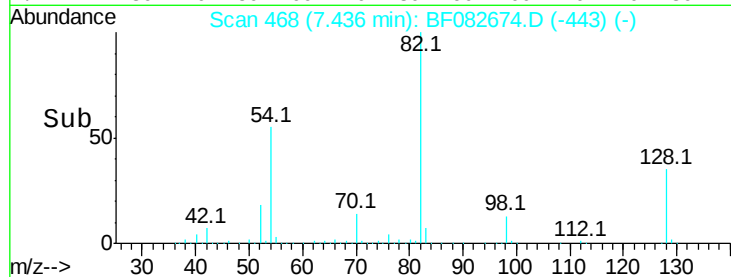
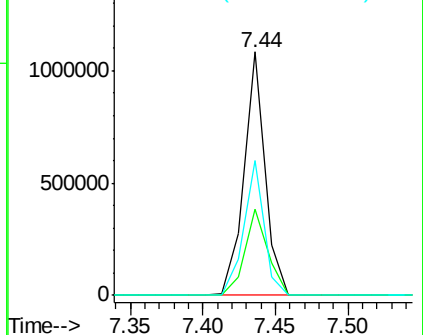
82 100

128 35.2 26.8 40.2

54 55.4 45.7 68.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

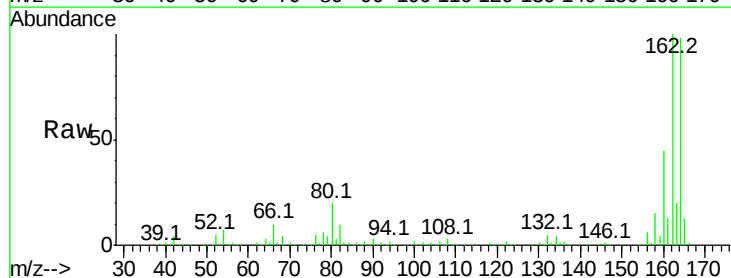
Tgt Ion: 164 Resp: 354682

Ion Ratio Lower Upper

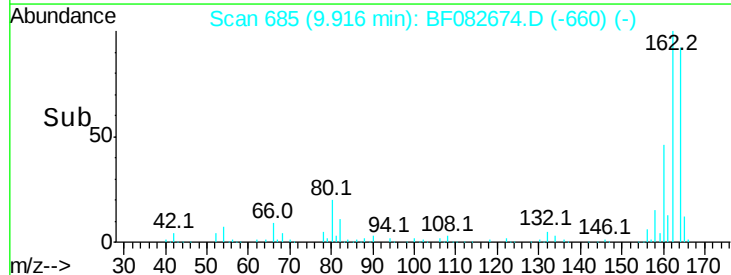
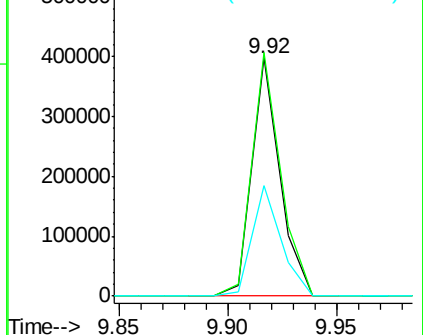
164 100

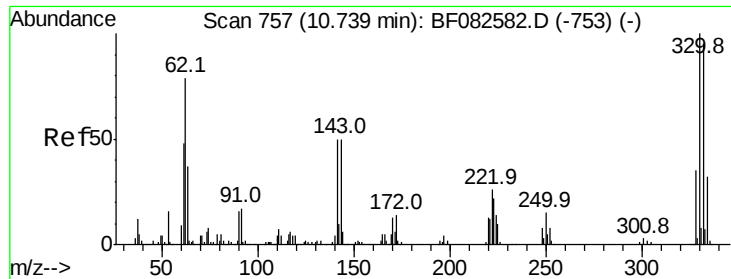
162 102.3 84.9 127.3

160 46.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

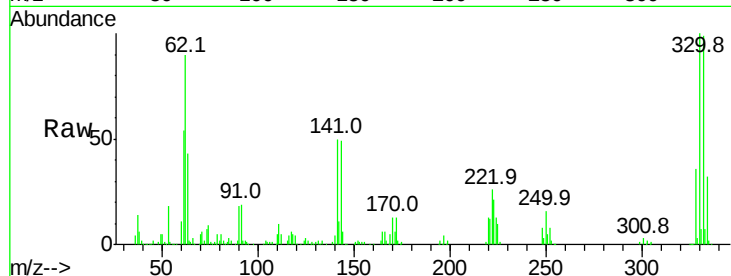




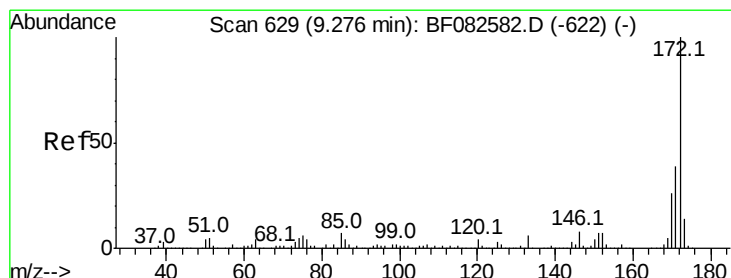
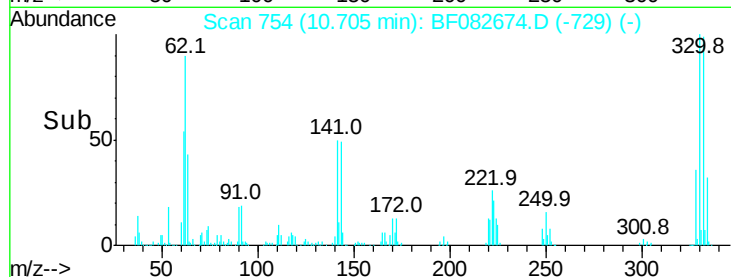
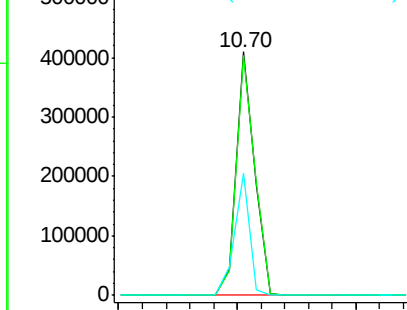
#41
 2,4,6-Tribromophenol
 Concen: 114.10 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082674.D
 Acq: 3 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(14-16)

Tot Ion:330 Resp: 442888
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 114.8
 141 41.4 41.2 61.8

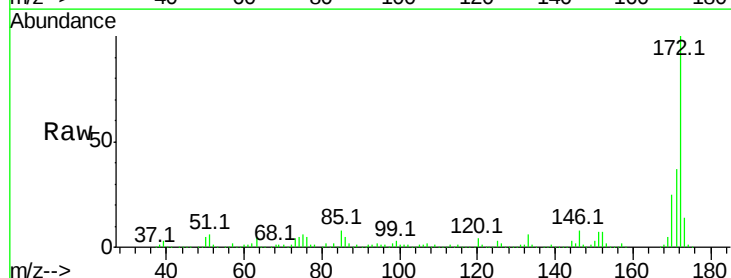


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

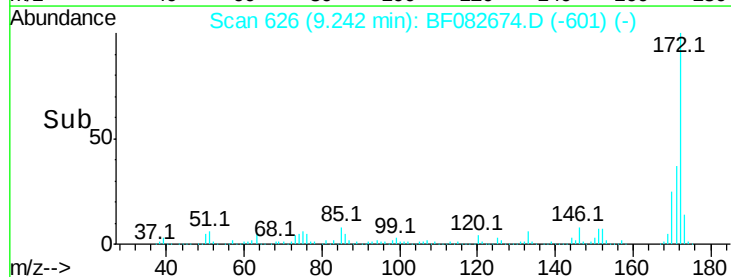
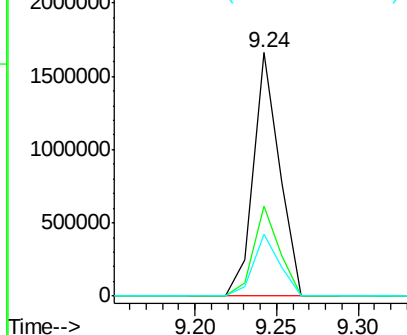


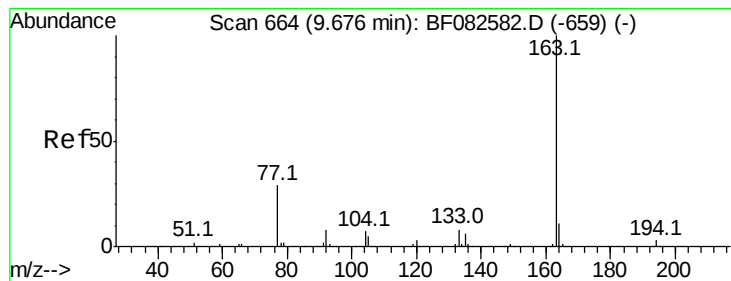
#44
 2-Fluorobiphenyl
 Concen: 73.98 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082674.D
 Acq: 3 Nov 2015 21:44

Tgt Ion:172 Resp: 1848172
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.4 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: 12.16 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

SB-06(14-16)

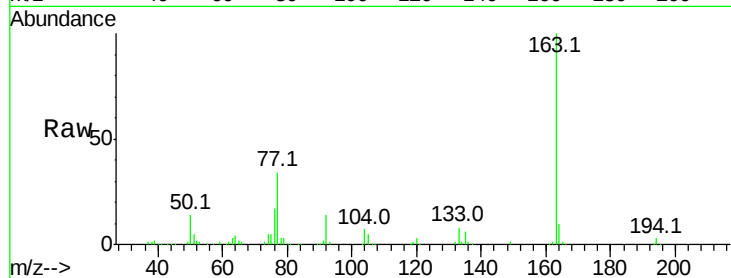
Tot Ion:163 Resp: 352170

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

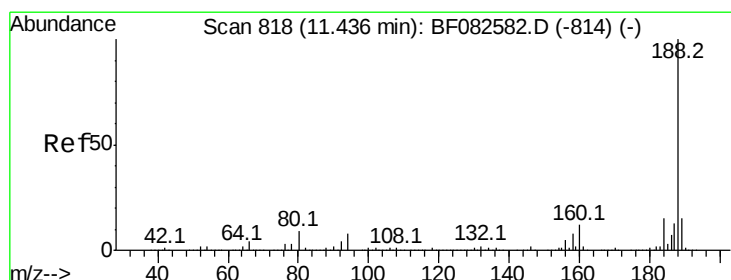
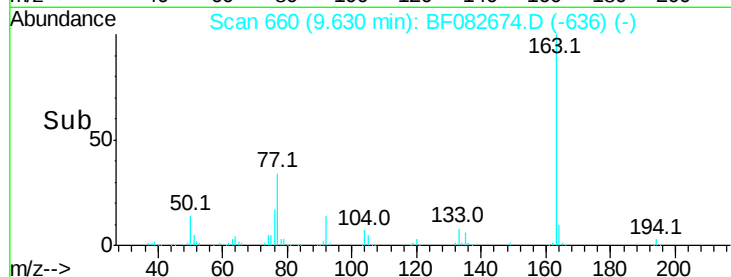
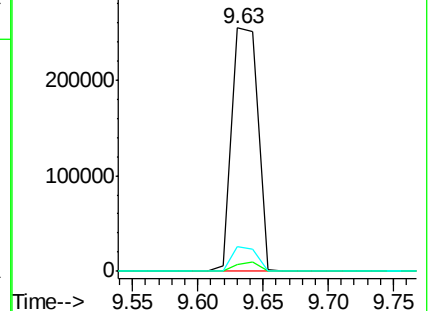
164 10.2 8.7 13.1



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: BF082674.D

Acq: 3 Nov 2015 21:44

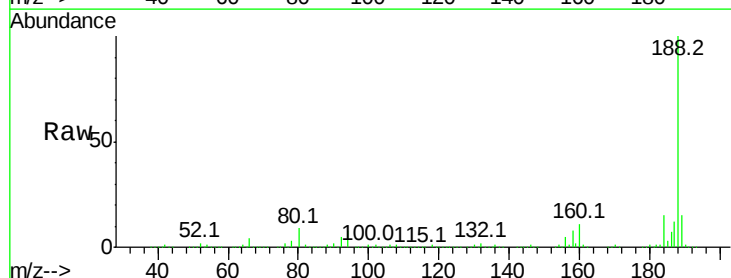
Tgt Ion:188 Resp: 718062

Ion Ratio Lower Upper

188 100

94 8.2 6.1 9.1

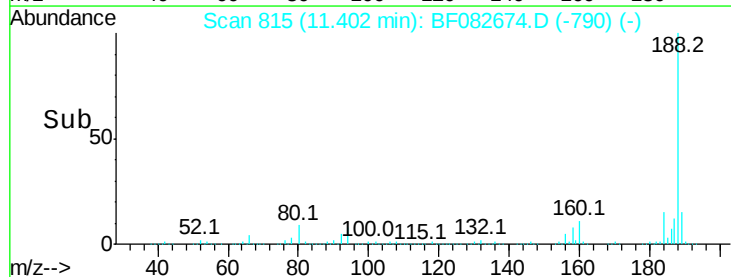
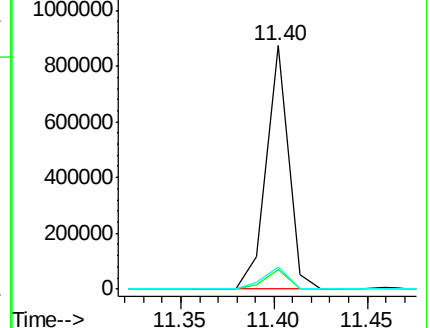
80 9.0 7.0 10.6

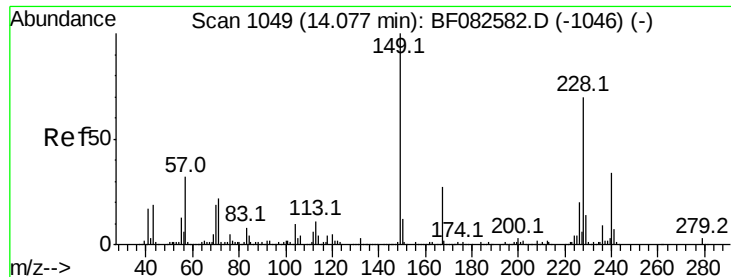


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF082674.D

Acq: 3 Nov 2015 21:44

Instrument :

BNA_F

ClientSampleId :

SB-06(14-16)

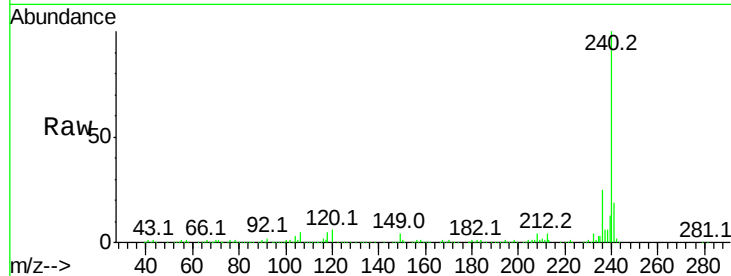
Tot Ion:240 Resp: 572121

Ion Ratio Lower Upper

240 100

120 5.9 10.9 16.3#

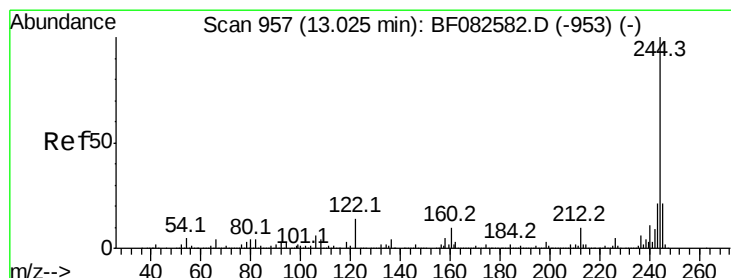
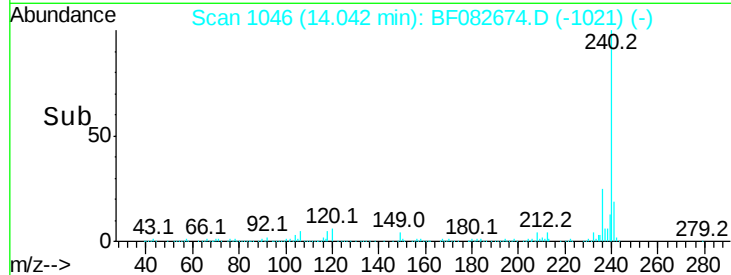
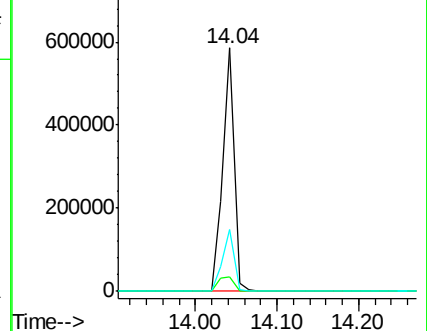
236 25.4 21.6 32.4



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



#78

Terphenyl-d14

Concen: 76.01 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082674.D

Acq: 3 Nov 2015 21:44

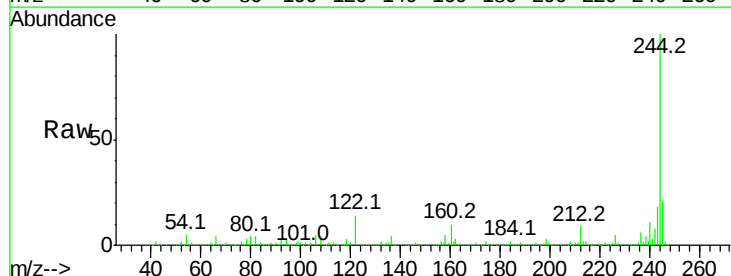
Tgt Ion:244 Resp: 1987099

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

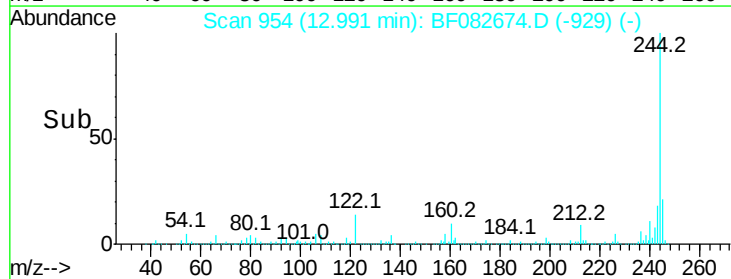
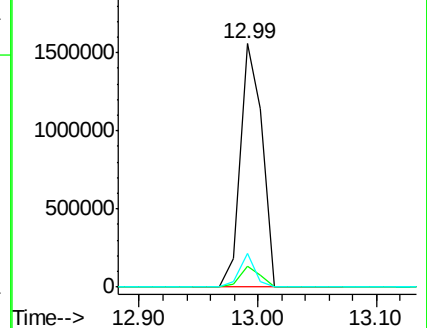
122 14.0 11.3 16.9

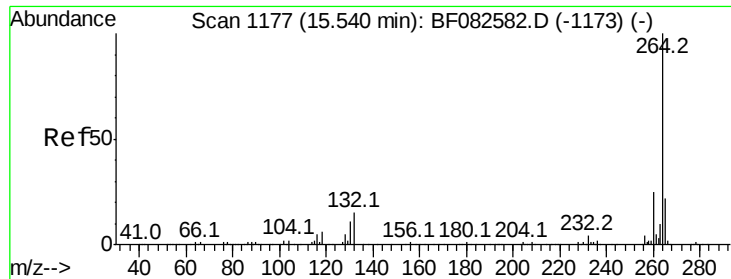


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

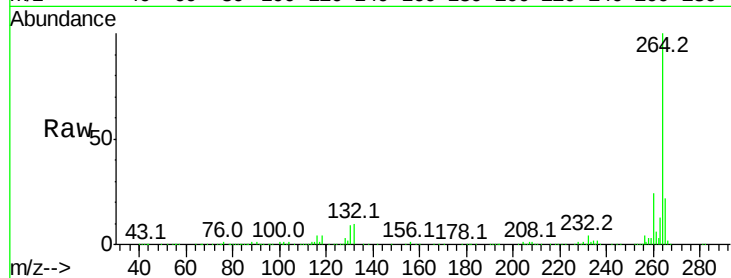




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF082674.D
 Acq: 3 Nov 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(14-16)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	22.1	17.4	26.0



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

