

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075549.D
 Acq On : 15 Nov 2014 19:07
 Operator : TP / JJ
 Sample : F4649-03
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-FILL06

Quant Time: Nov 16 06:11:49 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

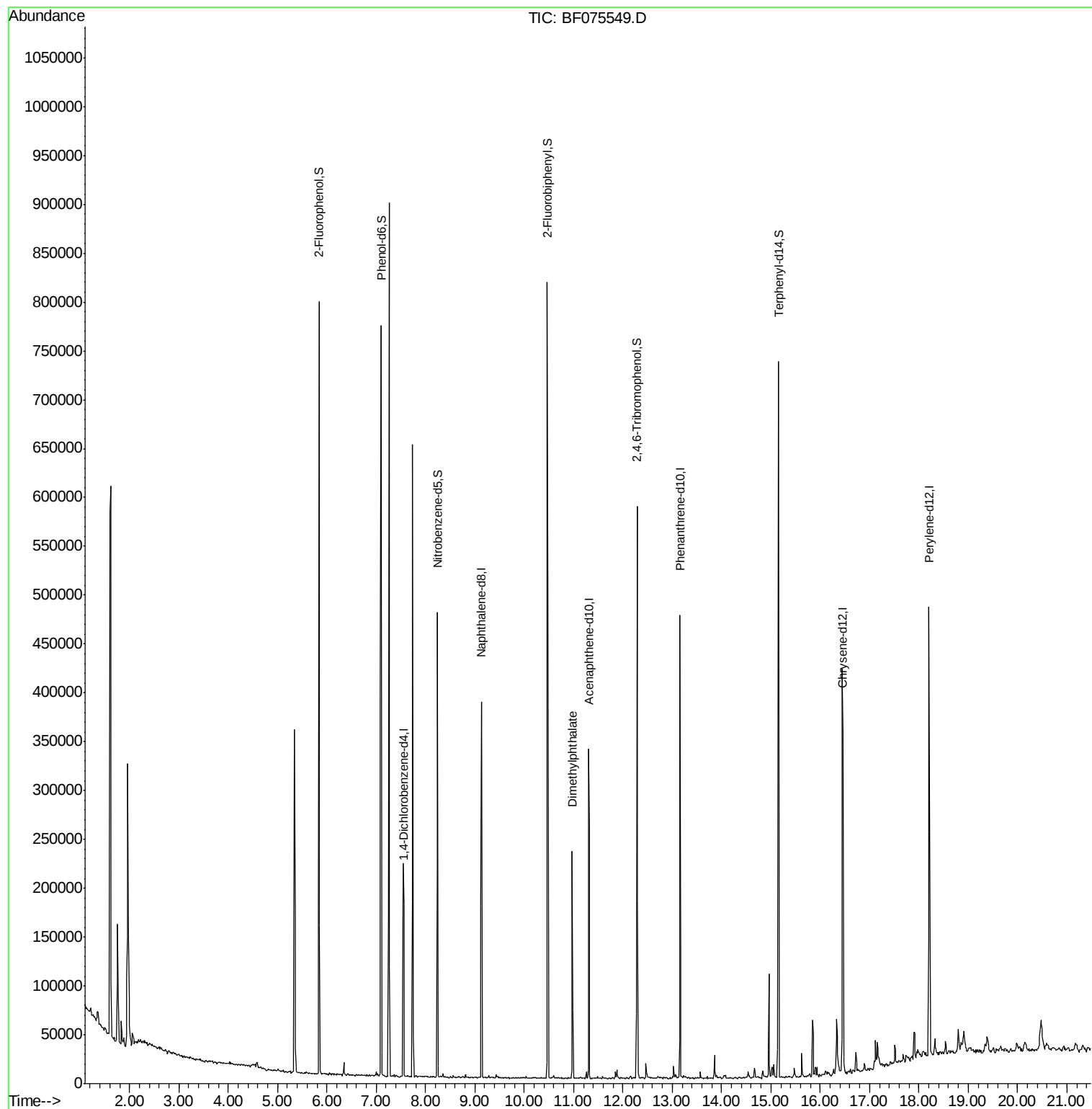
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46496	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	200464	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	102036	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	180742	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	208805	20.00	ng	-0.08
86) Perylene-d12	18.21	264	211411	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	228200	86.70	ng	-0.02
7) Phenol-d6	7.10	99	299597	94.66	ng	-0.01
23) Nitrobenzene-d5	8.24	82	161820	59.18	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	71534	83.70	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	323686	57.32	ng	-0.02
78) Terphenyl-d14	15.16	244	362545	46.74	ng	-0.03
Target Compounds						
49) Dimethylphthalate	10.97	163	101379	14.53	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075549.D

Acq: 15 Nov 2014 19:07

Instrument :

BNA_F

ClientSampleId :

S32-FILL06

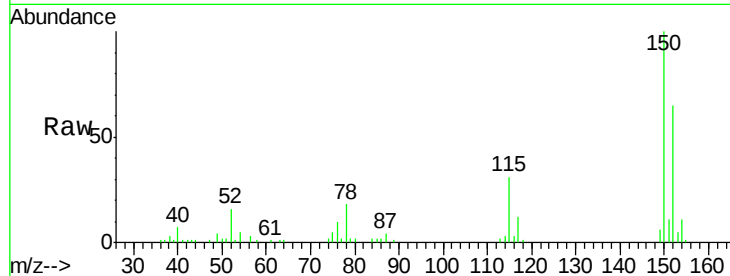
Tgt Ion:152 Resp: 46496

Ion Ratio Lower Upper

152 100

150 153.7 127.2 190.8

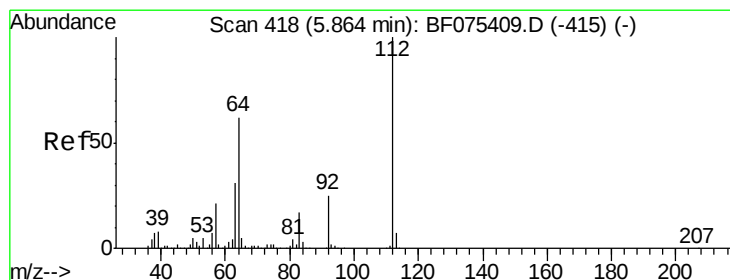
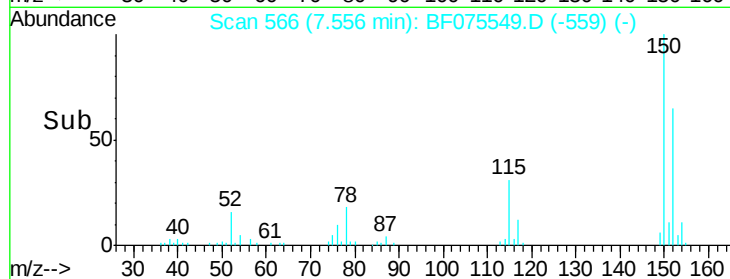
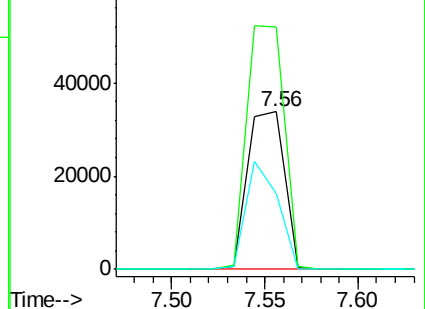
115 48.0 57.1 85.7#



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: 86.70 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075549.D

Acq: 15 Nov 2014 19:07

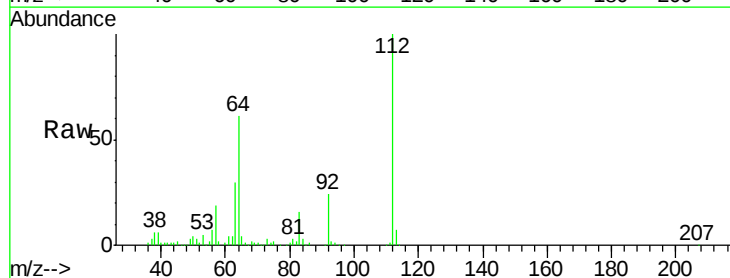
Tgt Ion:112 Resp: 228200

Ion Ratio Lower Upper

112 100

64 60.6 45.8 68.6

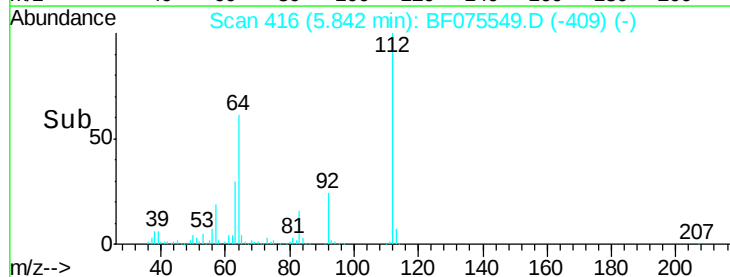
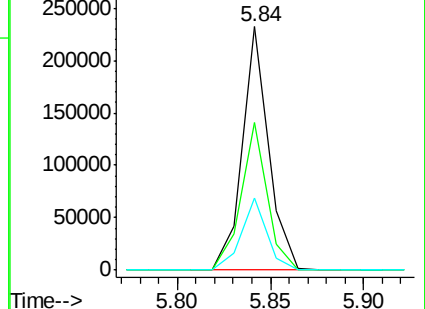
63 29.8 22.7 34.1

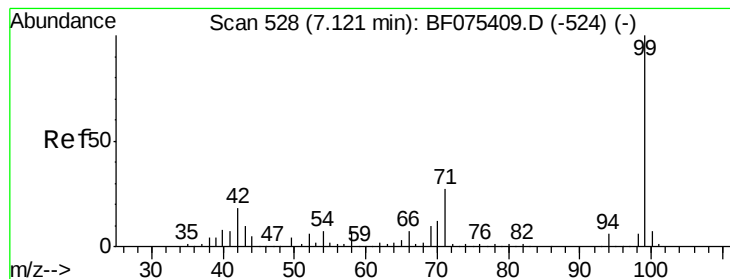


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.66 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075549.D

Acq: 15 Nov 2014 19:07

Instrument :

BNA_F

ClientSampleId :

S32-FILL06

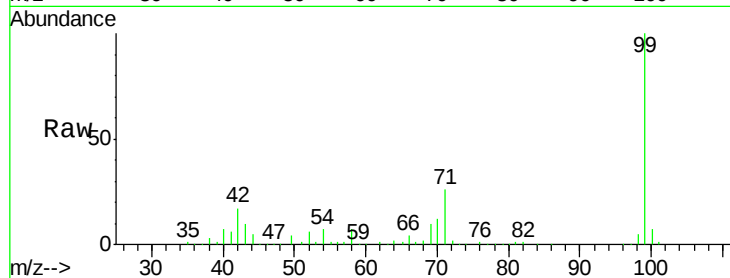
Tgt Ion: 99 Resp: 299597

Ion Ratio Lower Upper

99 100

42 17.3 19.8 29.6#

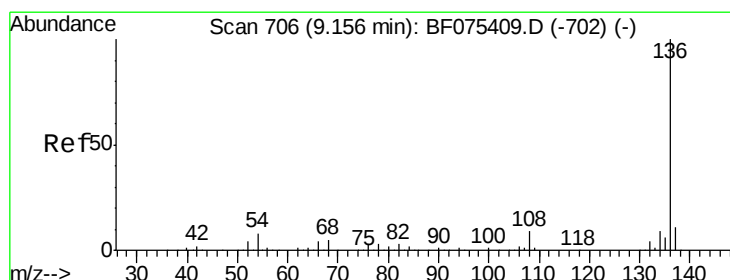
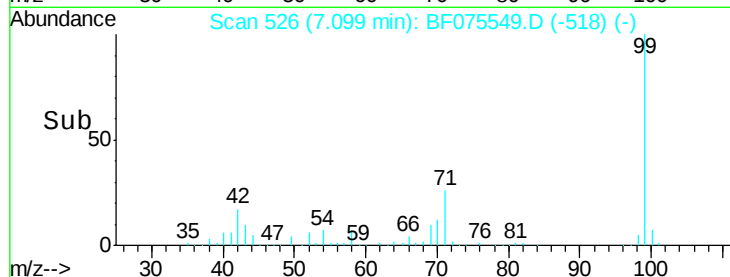
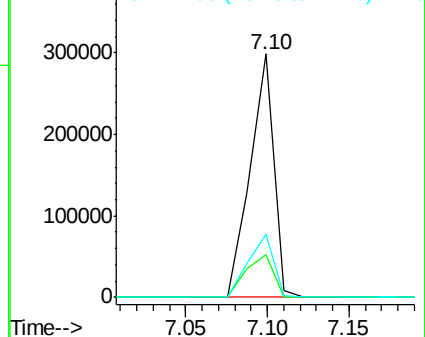
71 26.1 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075549.D

Acq: 15 Nov 2014 19:07

Tgt Ion: 136 Resp: 200464

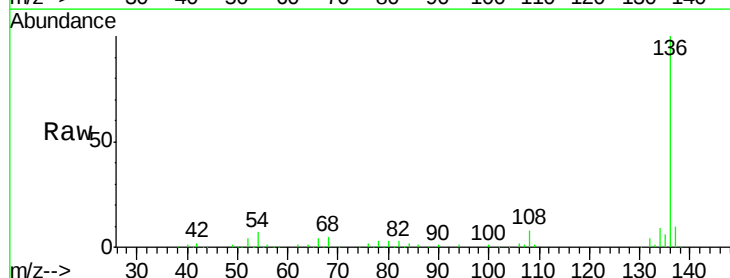
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 7.3 6.2 9.4

68 5.2 3.4 5.2#

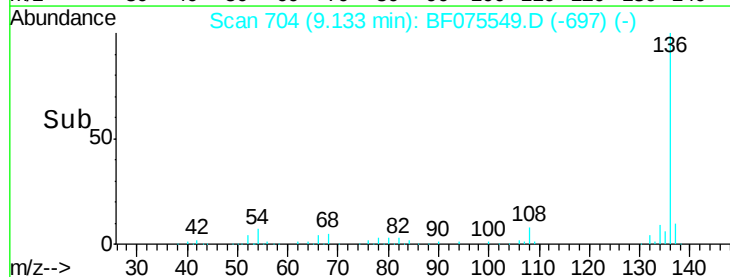
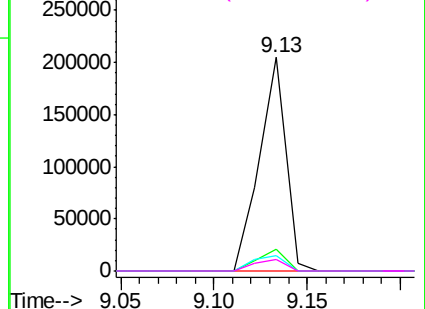


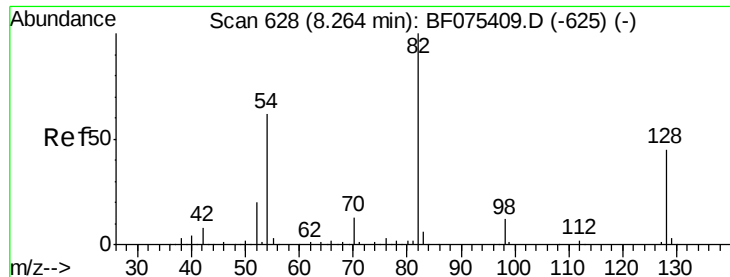
Abundance Ion 136.00 (135.70 to 136.70): E

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

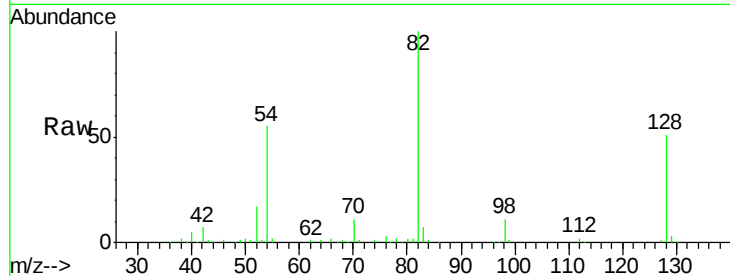




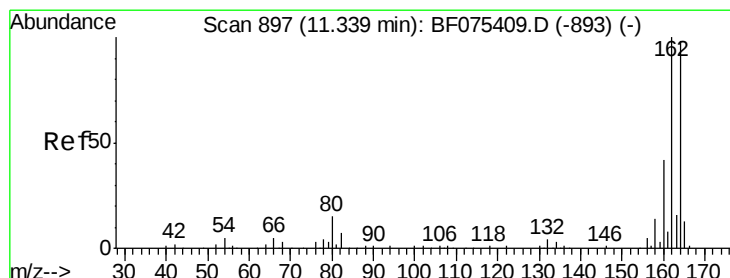
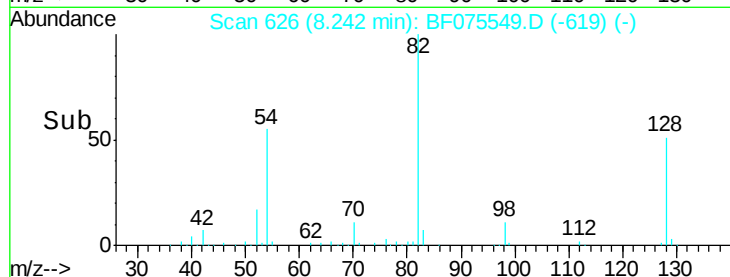
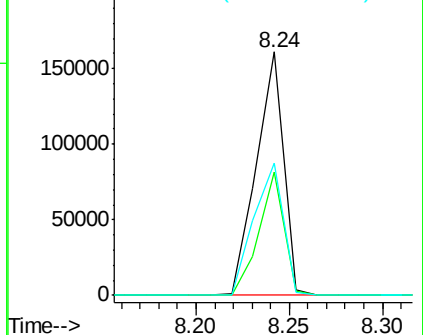
#23
 Nitrobenzene-d5
 Concen: 59.18 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075549.D
 Acq: 15 Nov 2014 19:07

Instrument :
 BNA_F
 ClientSampleId :
 S32-FILL06

Tgt Ion: 82 Resp: 161820
 Ion Ratio Lower Upper
 82 100
 128 50.5 37.8 56.6
 54 54.5 49.8 74.8

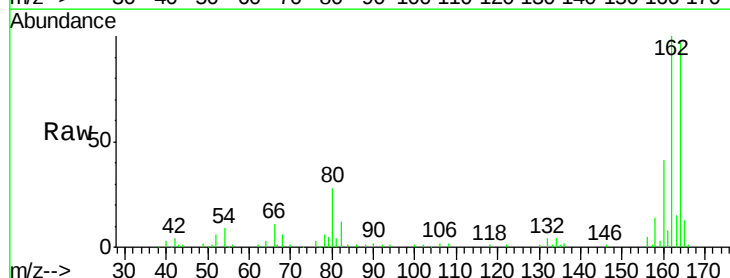


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

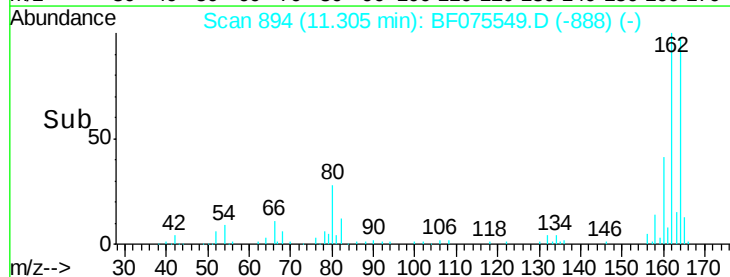
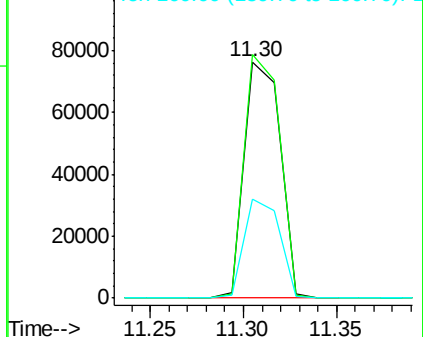


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF075549.D
 Acq: 15 Nov 2014 19:07

Tgt Ion: 164 Resp: 102036
 Ion Ratio Lower Upper
 164 100
 162 103.1 79.1 118.7
 160 41.8 34.6 51.8



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

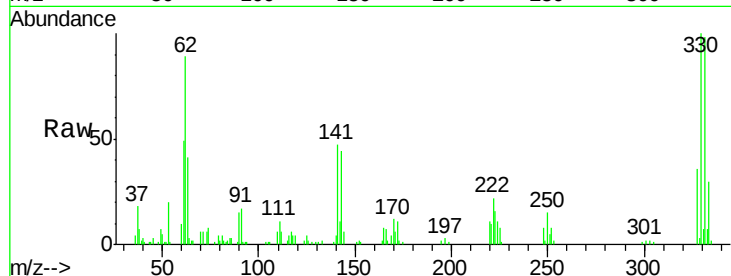




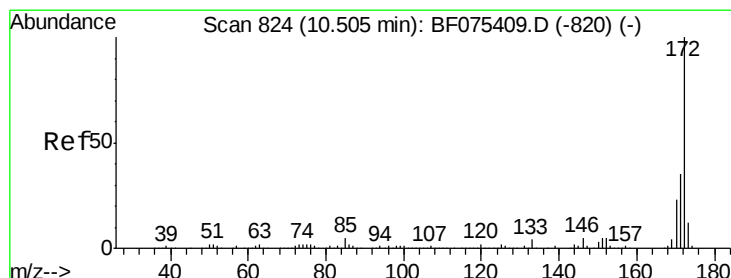
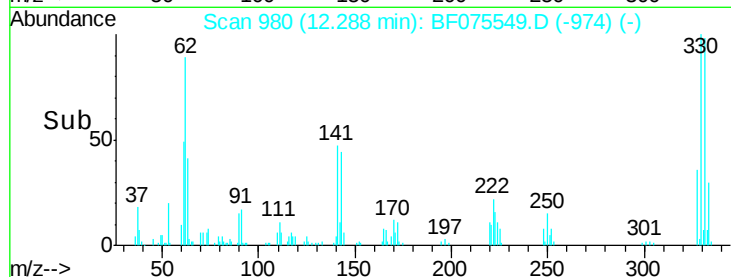
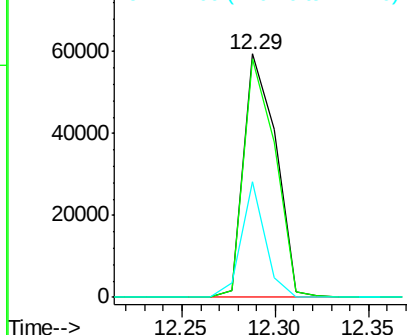
#41
 2,4,6-Tribromophenol
 Concen: 83.70 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075549.D
 Acq: 15 Nov 2014 19:07

Instrument :
 BNA_F
 ClientSampleId :
 S32-FILL06

Tgt Ion:330 Resp: 71534
 Ion Ratio Lower Upper
 330 100
 332 95.7 74.5 111.7
 141 34.9 30.7 46.1

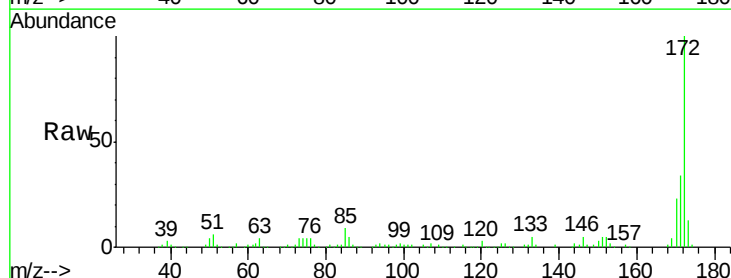


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

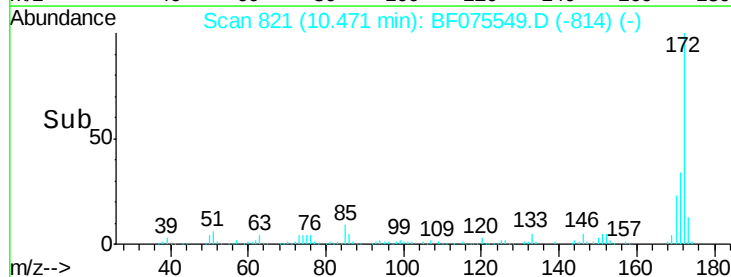
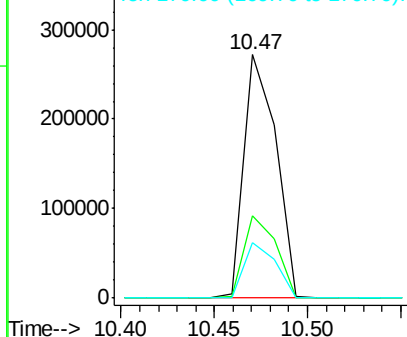


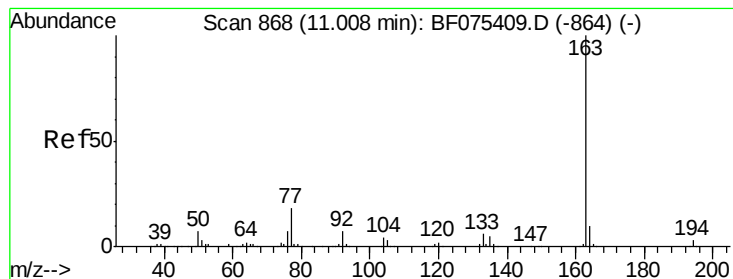
#44
 2-Fluorobiphenyl
 Concen: 57.32 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075549.D
 Acq: 15 Nov 2014 19:07

Tgt Ion:172 Resp: 323686
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.3 40.9
 170 22.7 18.4 27.6



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: 14.53 ng

RT: 10.97 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF075549.D

Acq: 15 Nov 2014 19:07

Instrument :

BNA_F

ClientSampleId :

S32-FILL06

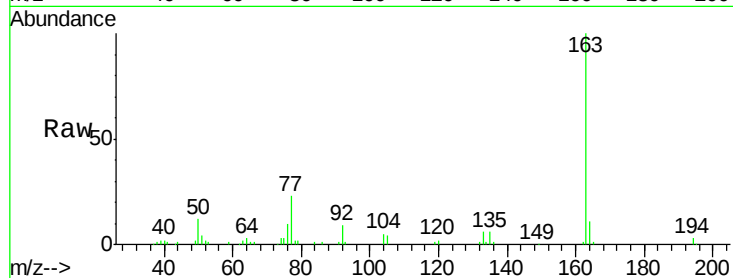
Tgt Ion:163 Resp: 101379

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

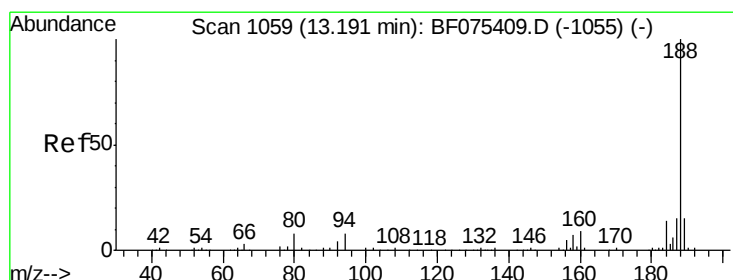
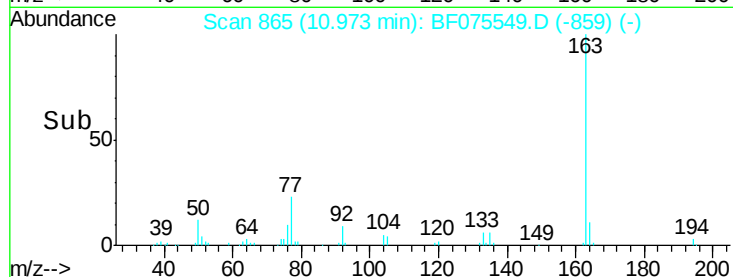
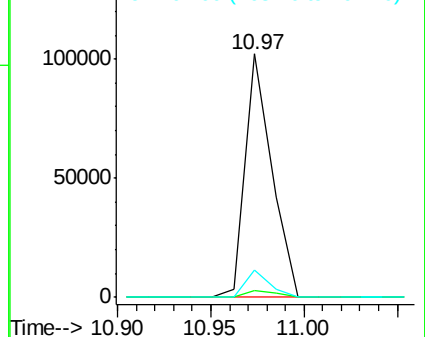
164 11.0 8.0 12.0



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: 13.16 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF075549.D

Acq: 15 Nov 2014 19:07

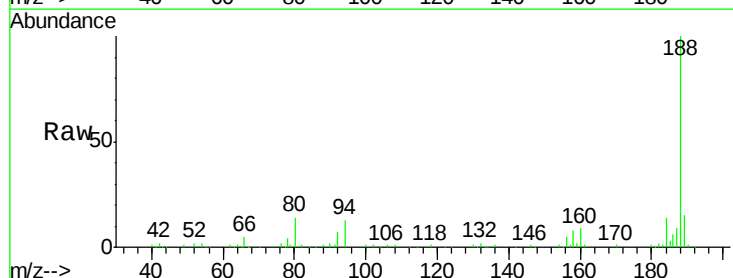
Tgt Ion:188 Resp: 180742

Ion Ratio Lower Upper

188 100

94 12.6 7.8 11.6#

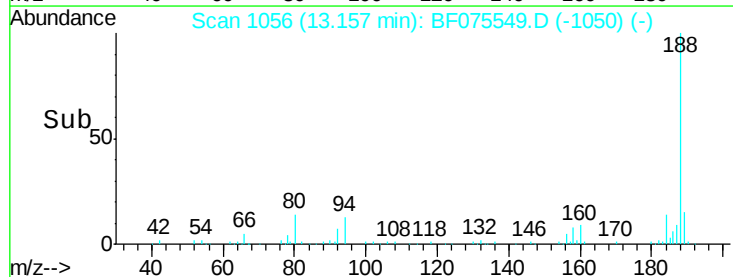
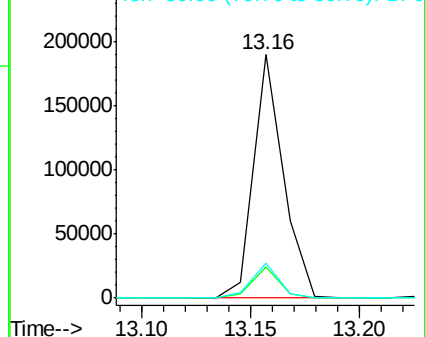
80 14.2 8.0 12.0#

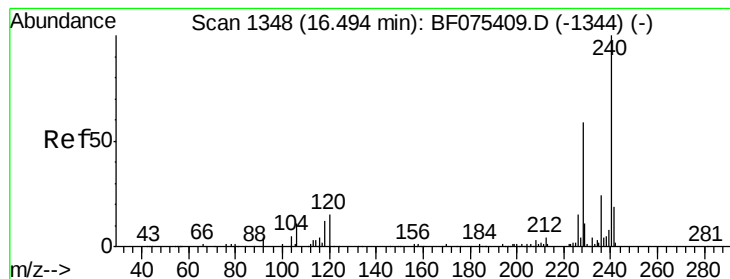


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.46 min Scan# 1345

Delta R.T. -0.08 min

Lab File: BF075549.D

Acq: 15 Nov 2014 19:07

Instrument :

BNA_F

ClientSampleId :

S32-FILL06

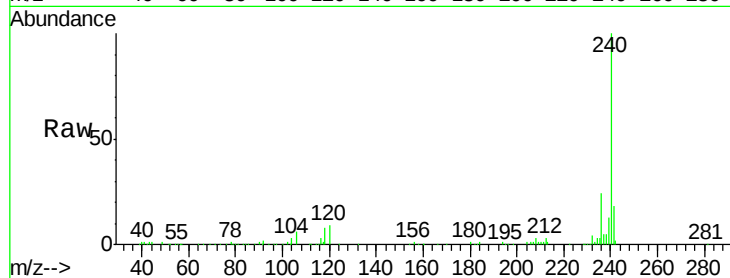
Tgt Ion:240 Resp: 208805

Ion Ratio Lower Upper

240 100

120 8.7 9.6 14.4#

236 23.5 18.9 28.3



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

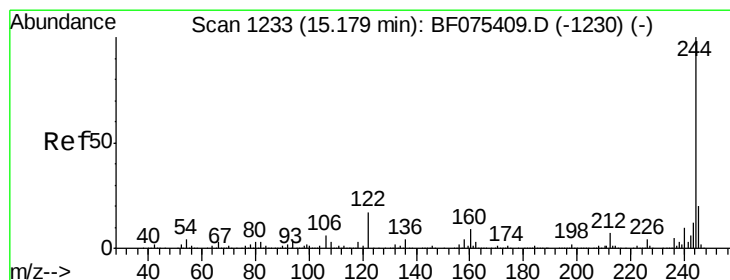
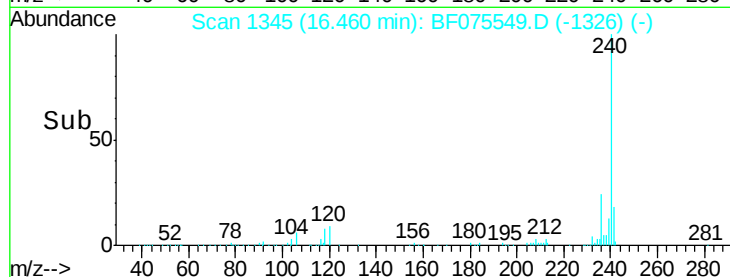
16.46

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 46.74 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF075549.D

Acq: 15 Nov 2014 19:07

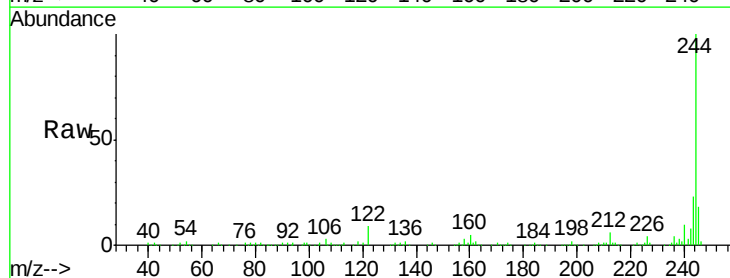
Tgt Ion:244 Resp: 362545

Ion Ratio Lower Upper

244 100

212 5.7 5.5 8.3

122 8.9 9.7 14.5#



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

15.16

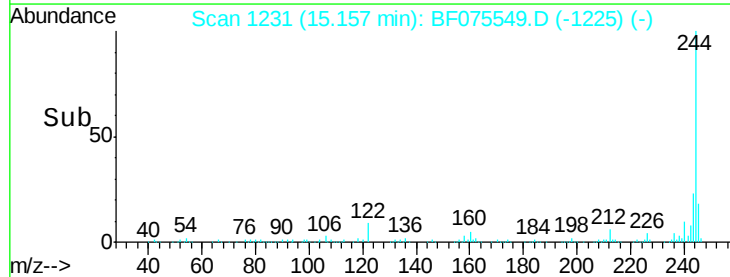
300000

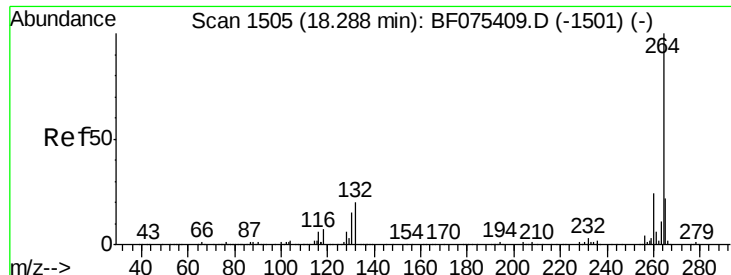
200000

100000

0

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.23 min
Lab File: BF075549.D
Acq: 15 Nov 2014 19:07

Instrument :
BNA_F
ClientSampleId :
S32-FILL06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	21.4	16.3	24.5

