

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075529.D
 Acq On : 15 Nov 2014 9:15
 Operator : TP / JJ
 Sample : F4695-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-74(13-15)

Quant Time: Nov 16 02:35:46 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

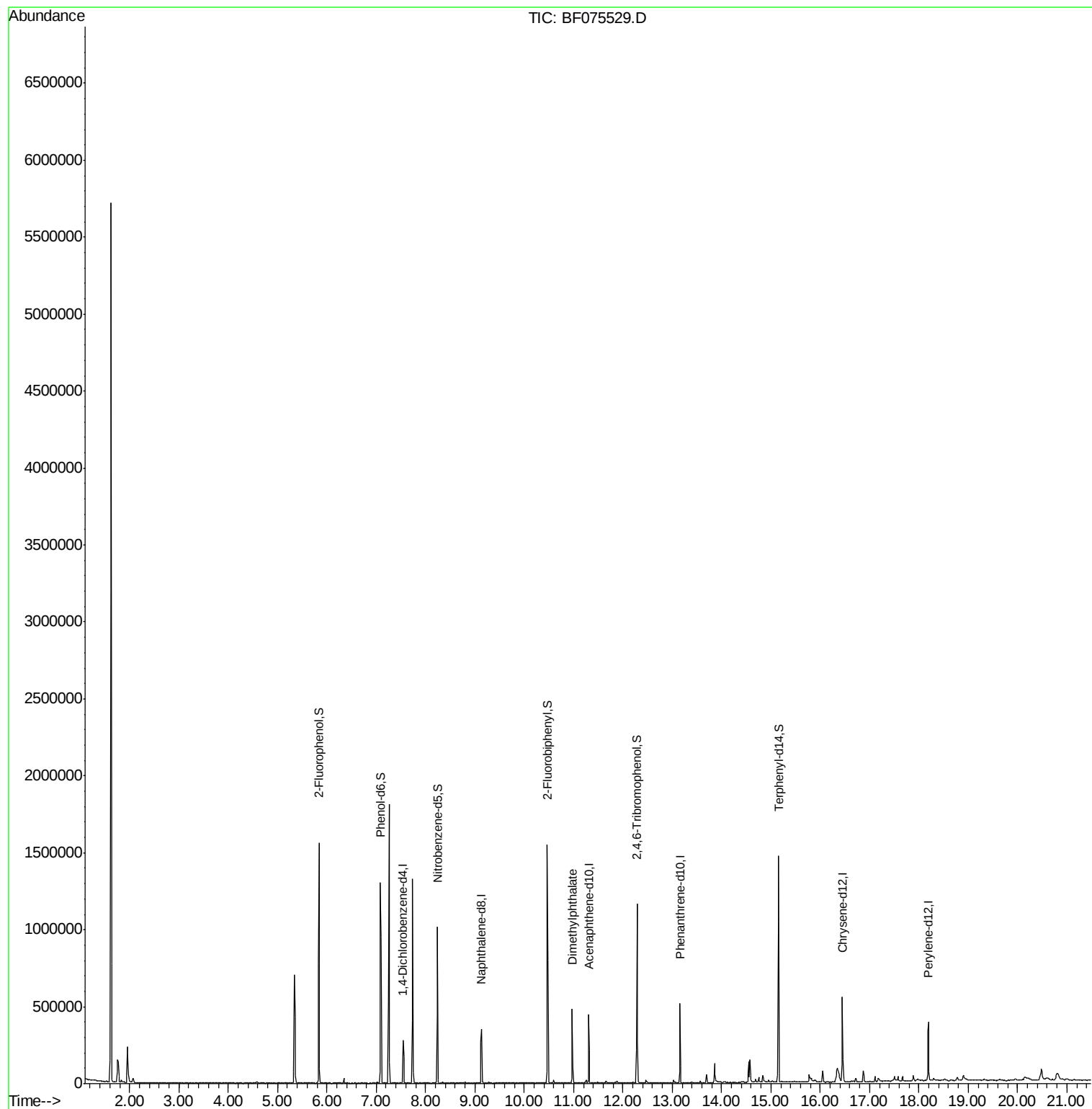
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	51347	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	218885	20.00	ng	0.00
38) Acenaphthene-d10	11.31	164	112785	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	191104	20.00	ng	0.00
75) Chrysene-d12	16.45	240	208976	20.00	ng	-0.01
86) Perylene-d12	18.20	264	205605	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	493026	169.63	ng	0.01
7) Phenol-d6	7.09	99	592408	169.49	ng	0.00
23) Nitrobenzene-d5	8.24	82	332075	111.23	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	138319	146.42	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	590209	94.56	ng	-0.01
78) Terphenyl-d14	15.16	244	615969	79.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.97	163	192193	24.93	ng	Qvalue 100

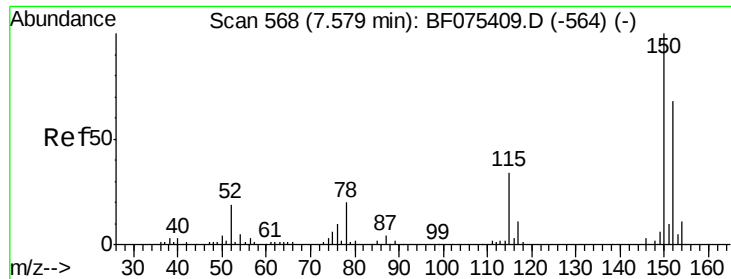
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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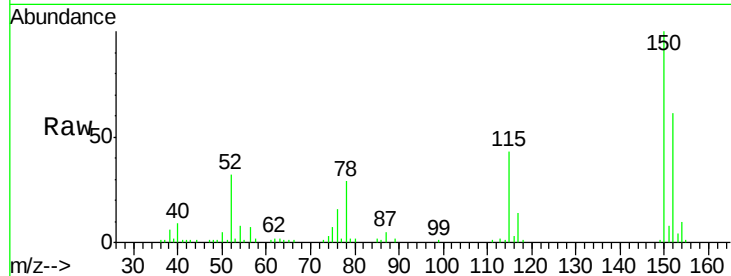


#1

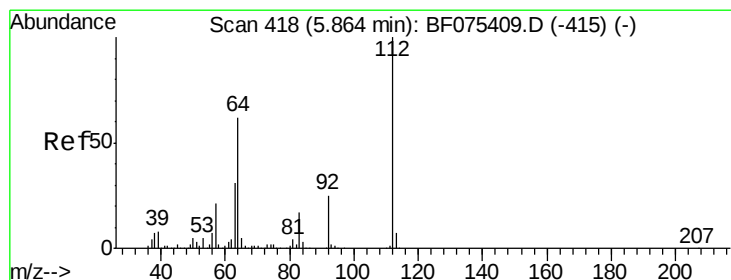
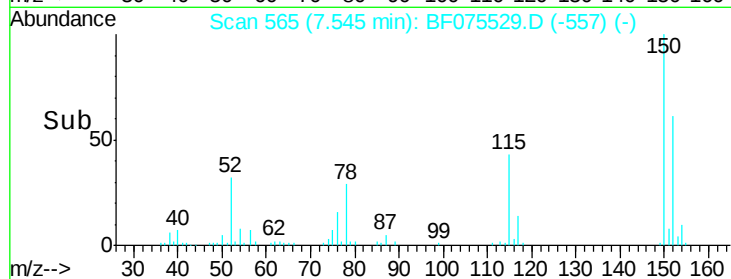
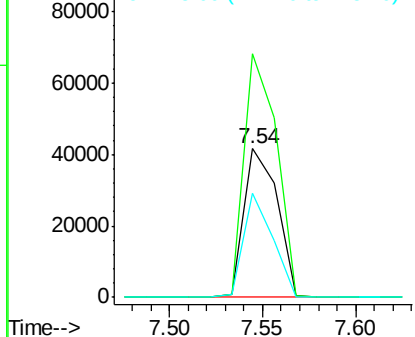
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF075529.D
Acq: 15 Nov 2014 9:15

Instrument :
BNA_F
ClientSampleId :
SB-74(13-15)

Tgt Ion:152 Resp: 51347
Ion Ratio Lower Upper
152 100
150 164.1 127.2 190.8
115 70.2 57.1 85.7



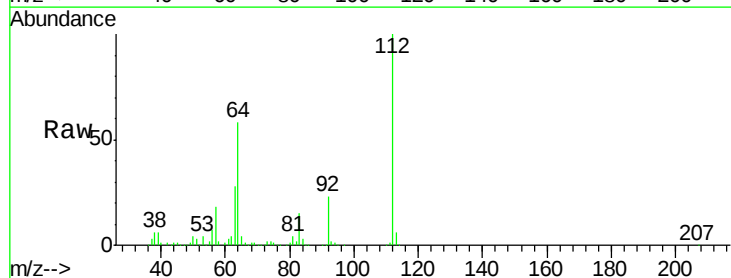
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



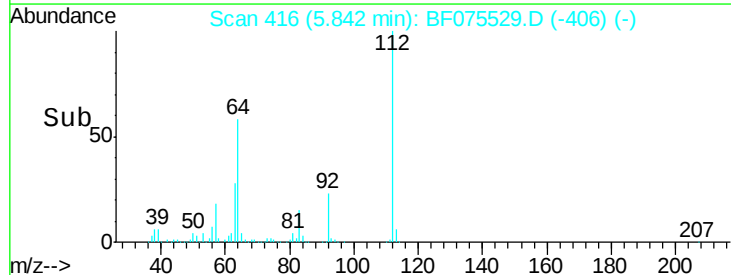
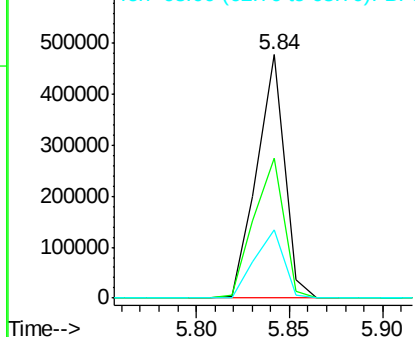
#5

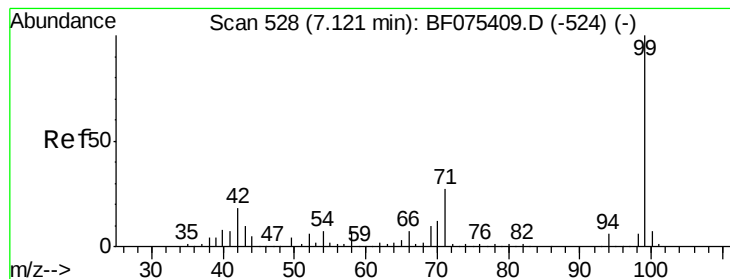
2-Fluorophenol
Concen: 169.63 ng
RT: 5.84 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF075529.D
Acq: 15 Nov 2014 9:15

Tgt Ion:112 Resp: 493026
Ion Ratio Lower Upper
112 100
64 57.6 45.8 68.6
63 27.8 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: 169.49 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075529.D

Acq: 15 Nov 2014 9:15

Instrument :

BNA_F

ClientSampleId :

SB-74(13-15)

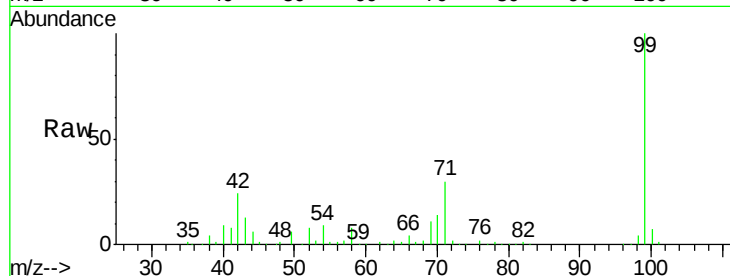
Tgt Ion: 99 Resp: 592408

Ion Ratio Lower Upper

99 100

42 24.4 19.8 29.6

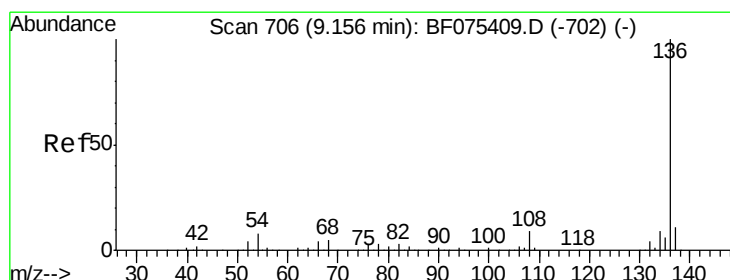
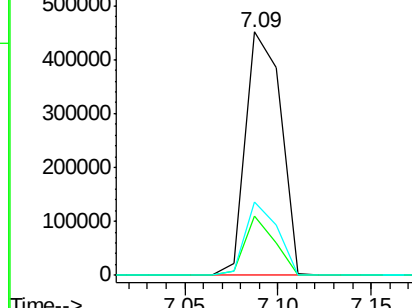
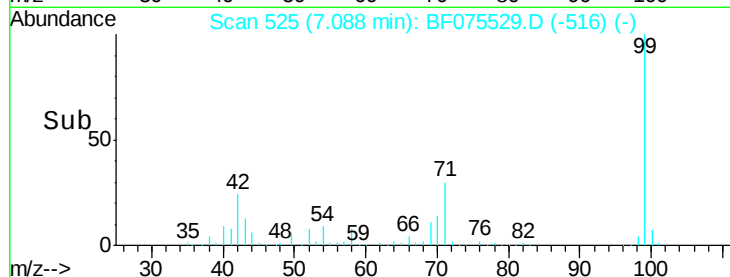
71 30.1 25.5 38.3



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. 0.00 min

Lab File: BF075529.D

Acq: 15 Nov 2014 9:15

Tgt Ion: 136 Resp: 218885

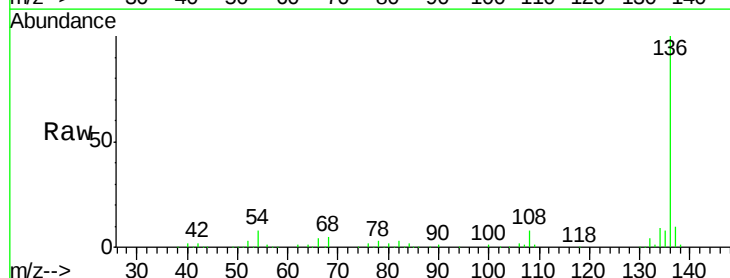
Ion Ratio Lower Upper

136 100

137 9.9 8.2 12.4

54 7.6 6.2 9.4

68 4.9 3.4 5.2

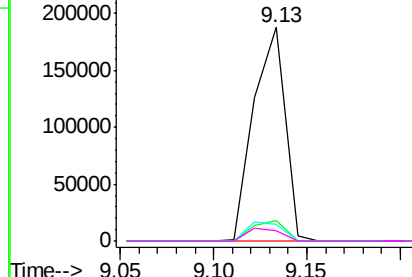
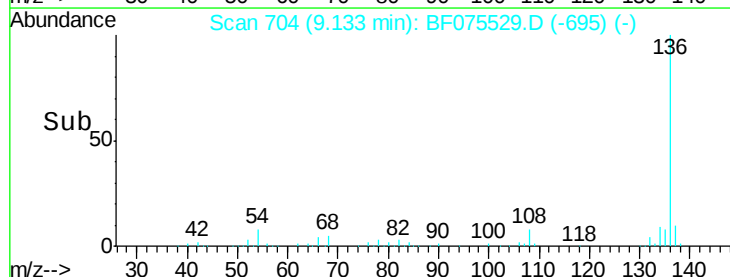


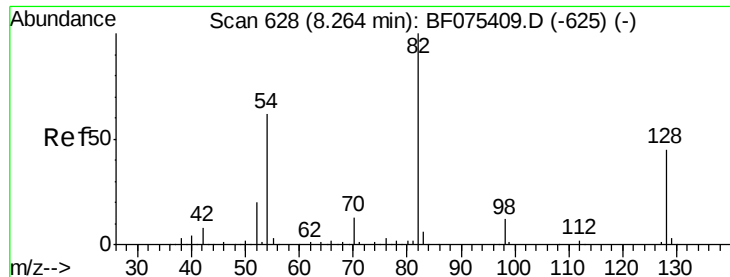
Abundance Ion 136.00 (135.70 to 136.70): E

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

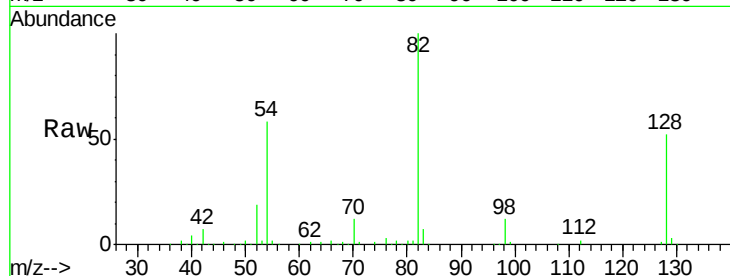




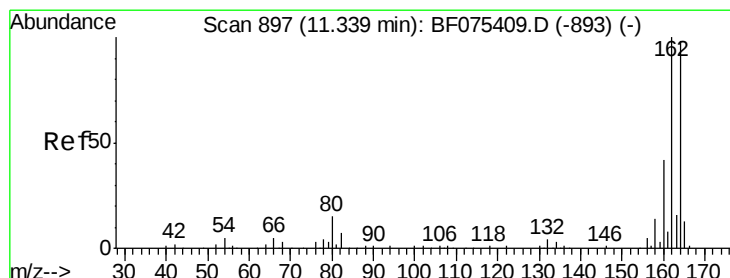
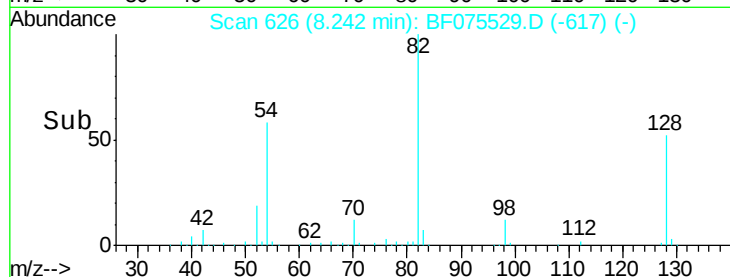
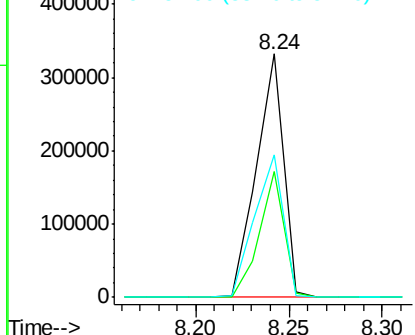
#23
 Nitrobenzene-d5
 Concen: 111.23 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075529.D
 Acq: 15 Nov 2014 9:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-74(13-15)

Tgt Ion: 82 Resp: 332075
 Ion Ratio Lower Upper
 82 100
 128 51.8 37.8 56.6
 54 58.5 49.8 74.8

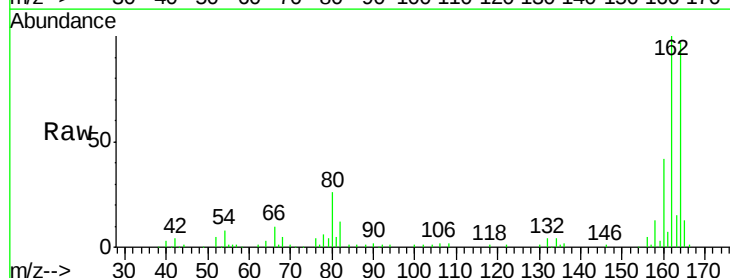


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

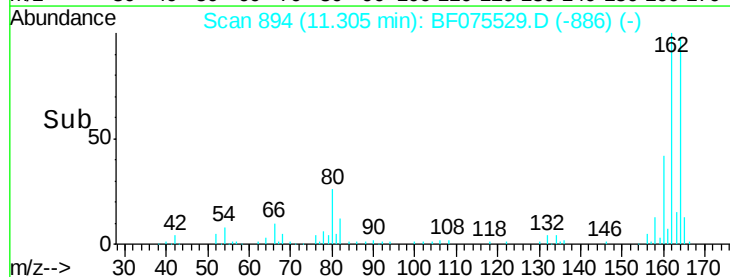
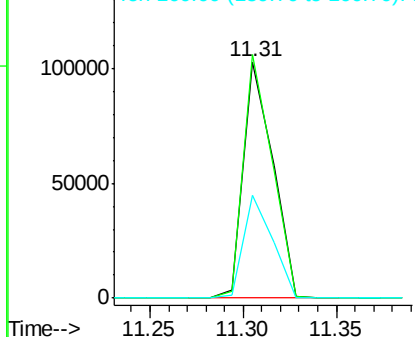


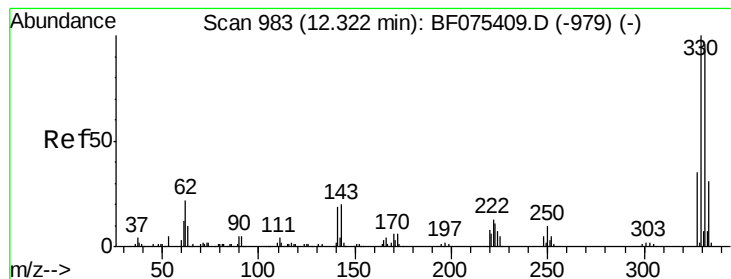
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF075529.D
 Acq: 15 Nov 2014 9:15

Tgt Ion: 164 Resp: 112785
 Ion Ratio Lower Upper
 164 100
 162 103.0 79.1 118.7
 160 43.7 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: 146.42 ng

RT: 12.29 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF075529.D

Acq: 15 Nov 2014 9:15

Instrument :

BNA_F

ClientSampleId :

SB-74(13-15)

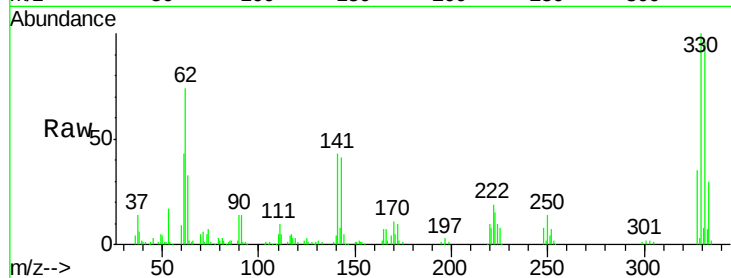
Tgt Ion:330 Resp: 138319

Ion Ratio Lower Upper

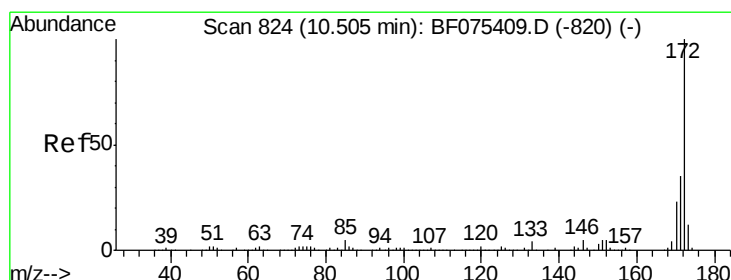
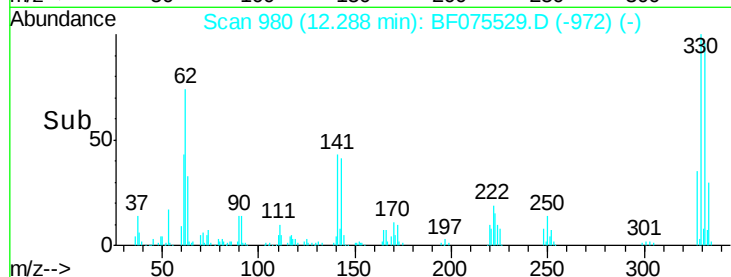
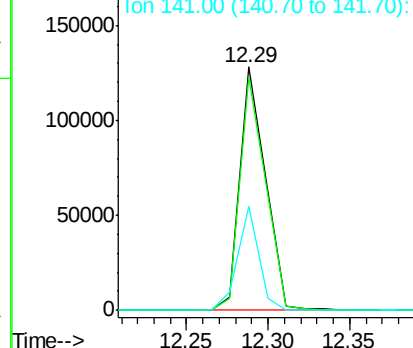
330 100

332 95.6 74.5 111.7

141 35.8 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: 94.56 ng

RT: 10.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF075529.D

Acq: 15 Nov 2014 9:15

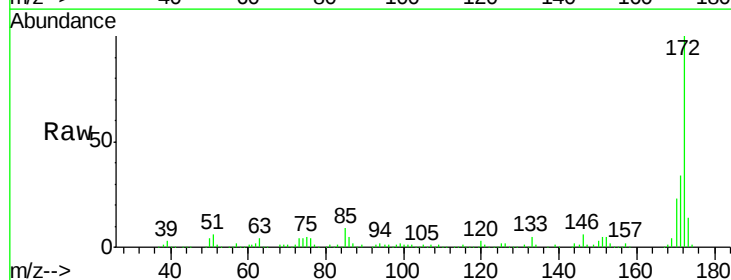
Tgt Ion:172 Resp: 590209

Ion Ratio Lower Upper

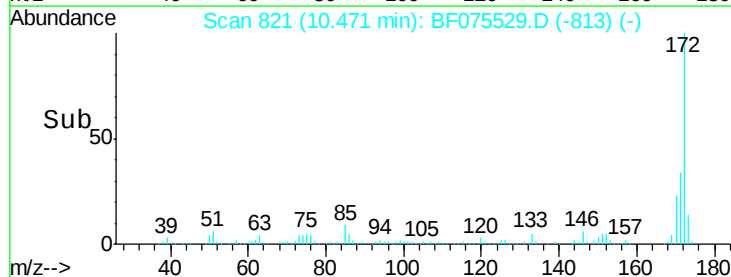
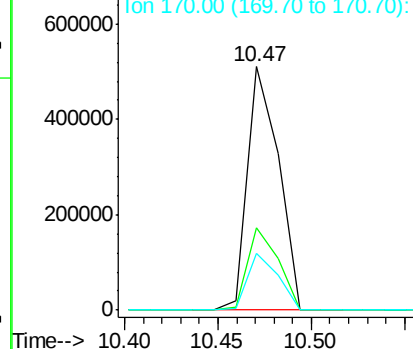
172 100

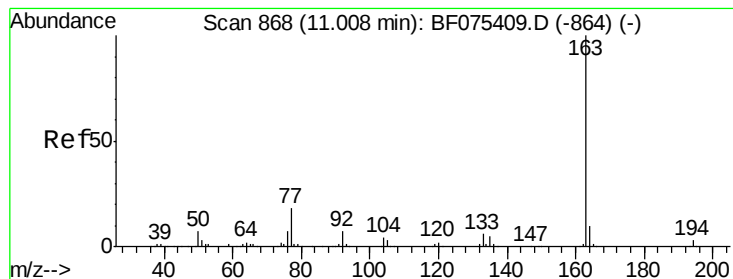
171 34.1 27.3 40.9

170 23.2 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: 24.93 ng

RT: 10.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF075529.D

Acq: 15 Nov 2014 9:15

Instrument :

BNA_F

ClientSampleId :

SB-74(13-15)

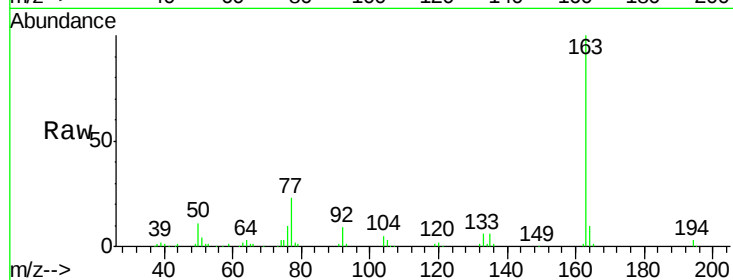
Tgt Ion:163 Resp: 192193

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

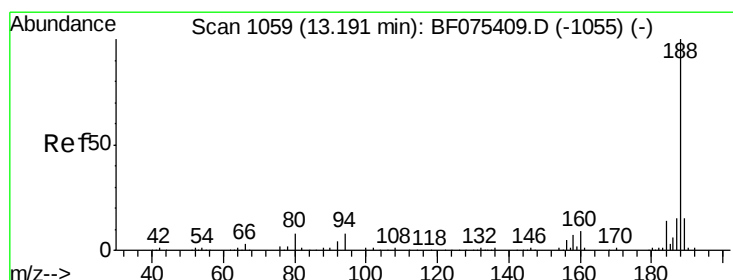
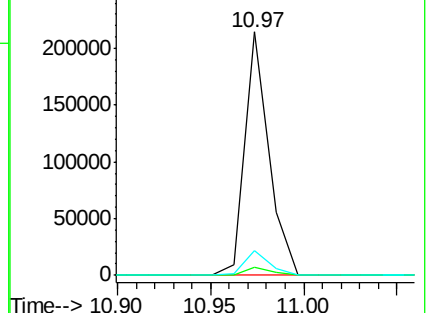
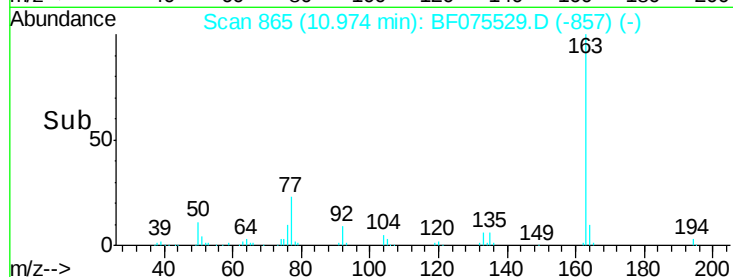
164 10.0 8.0 12.0



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. 0.00 min

Lab File: BF075529.D

Acq: 15 Nov 2014 9:15

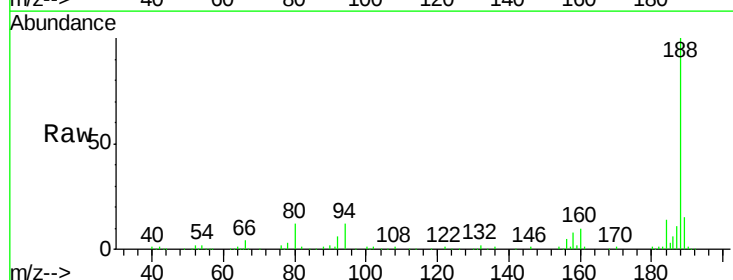
Tgt Ion:188 Resp: 191104

Ion Ratio Lower Upper

188 100

94 12.5 7.8 11.6#

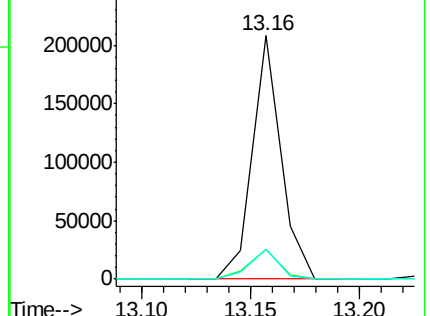
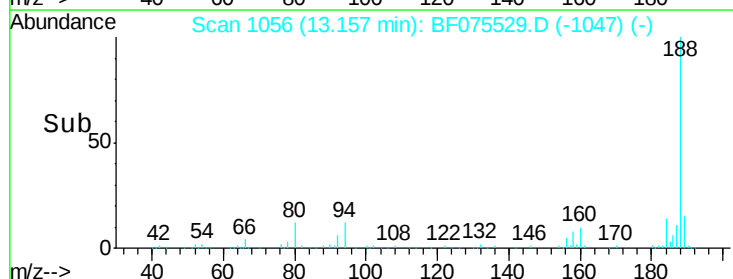
80 12.4 8.0 12.0#

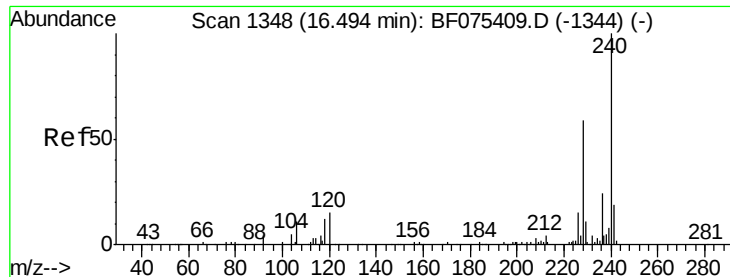


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075529.D

Acq: 15 Nov 2014 9:15

Instrument :

BNA_F

ClientSampled :

SB-74(13-15)

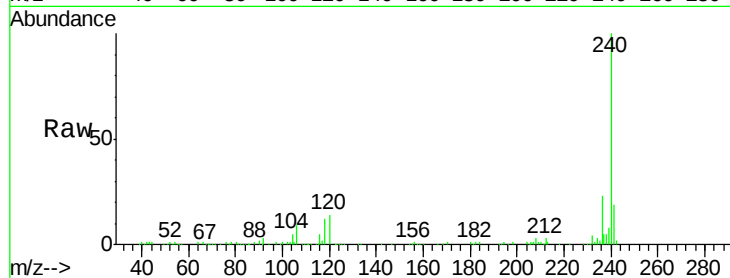
Tgt Ion:240 Resp: 208976

Ion Ratio Lower Upper

240 100

120 14.4 9.6 14.4#

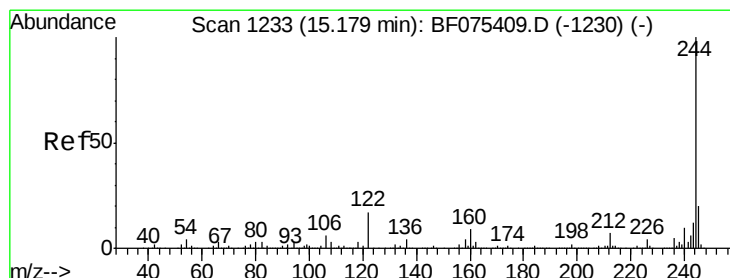
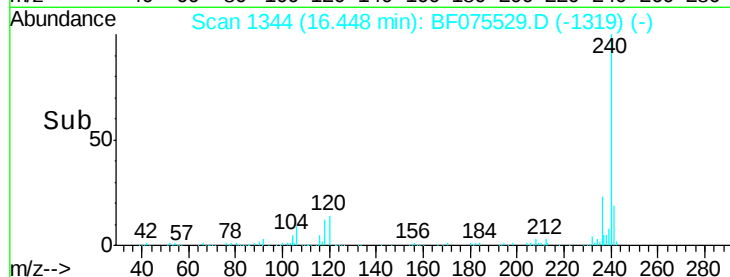
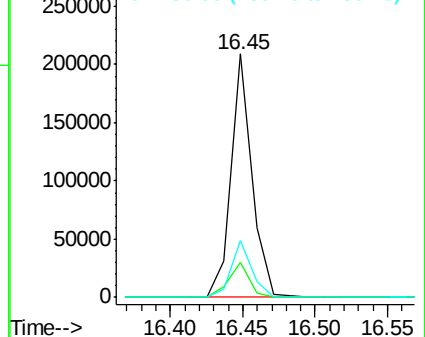
236 23.1 18.9 28.3



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



#78

Terphenyl-d14

Concen: 79.35 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075529.D

Acq: 15 Nov 2014 9:15

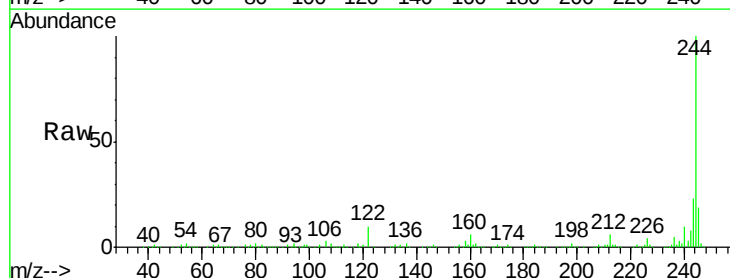
Tgt Ion:244 Resp: 615969

Ion Ratio Lower Upper

244 100

212 5.8 5.5 8.3

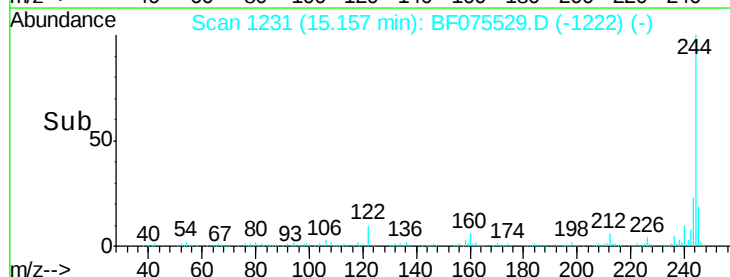
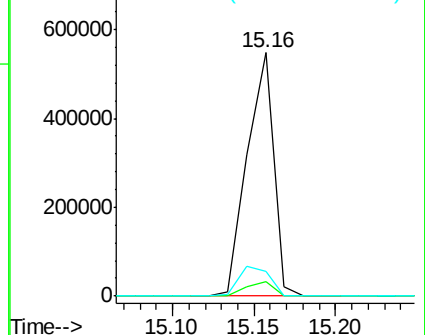
122 10.0 9.7 14.5

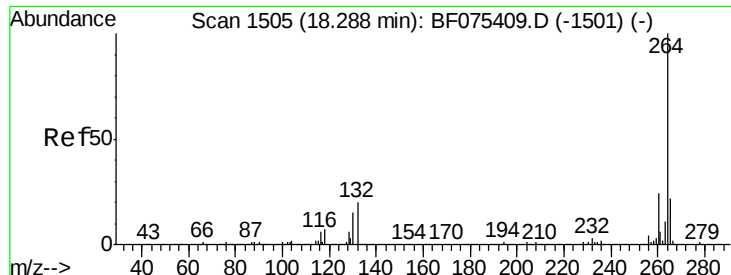


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.20 min Scan# 1497
Delta R.T. -0.03 min
Lab File: BF075529.D
Acq: 15 Nov 2014 9:15

Instrument :
BNA_F
ClientSampleId :
SB-74(13-15)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	20.6	16.3	24.5

