

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075523.D
 Acq On : 15 Nov 2014 6:26
 Operator : TP / JJ
 Sample : PB80209BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80209BL

Quant Time: Nov 16 02:33:52 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	49687	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	203021	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	101593	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	177182	20.00	ng	0.00
75) Chrysene-d12	16.45	240	184008	20.00	ng	-0.01
86) Perylene-d12	18.20	264	188096	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	402737	143.19	ng	0.01
7) Phenol-d6	7.09	99	472770	139.78	ng	0.00
23) Nitrobenzene-d5	8.24	82	280204	101.19	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	112029	131.66	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	531450	94.53	ng	-0.01
78) Terphenyl-d14	15.16	244	598418	87.55	ng	0.00

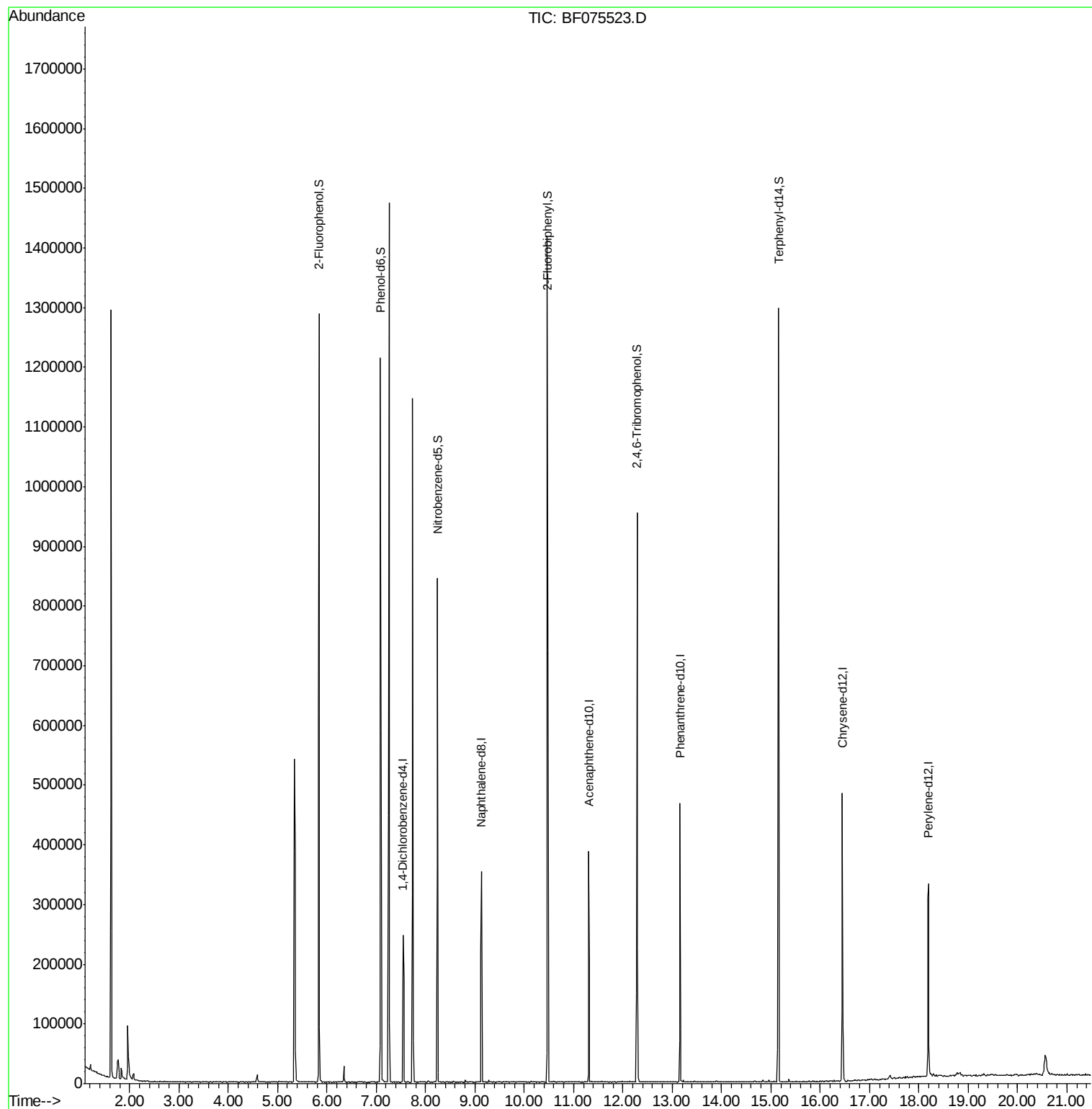
Target Compounds Qvalue

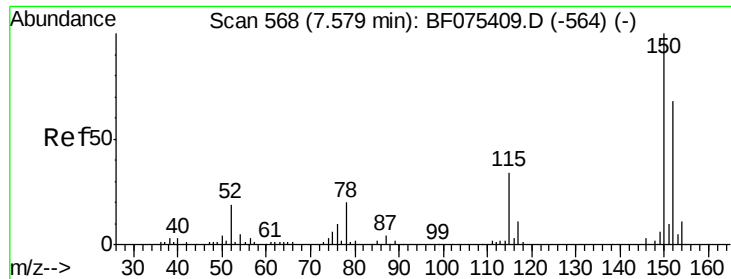
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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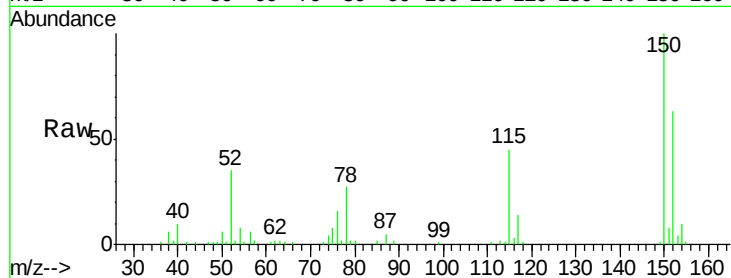


#1

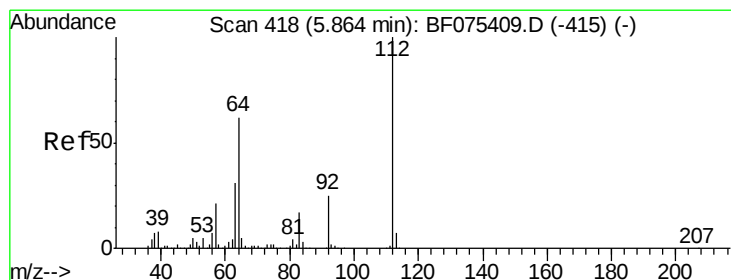
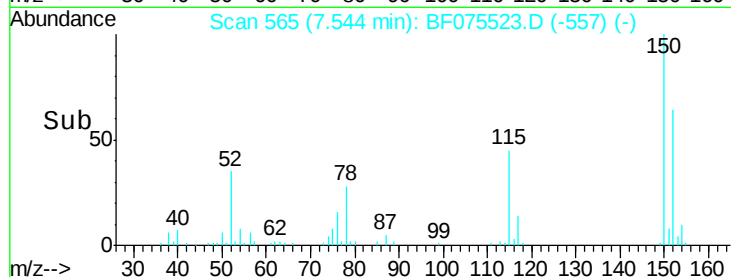
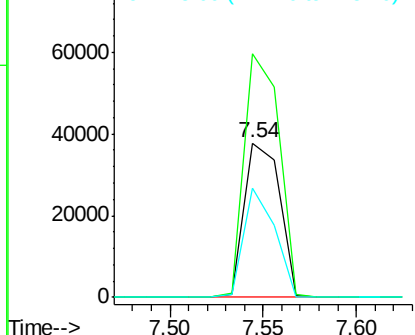
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF075523.D
Acq: 15 Nov 2014 6:26

Instrument :
BNA_F
ClientSampleId :
PB80209BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.2	190.8
115	71.0	57.1	85.7



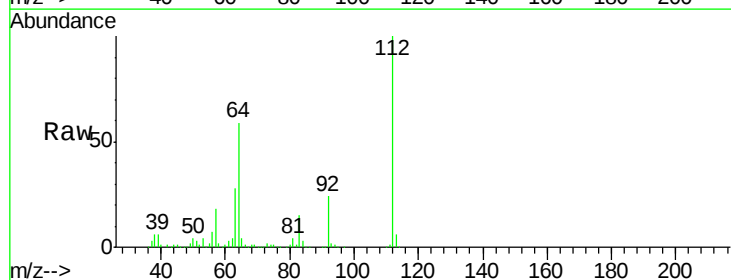
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



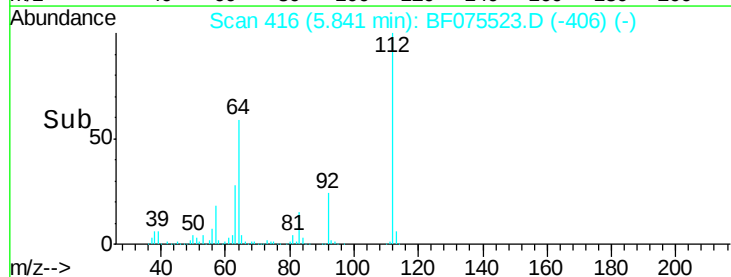
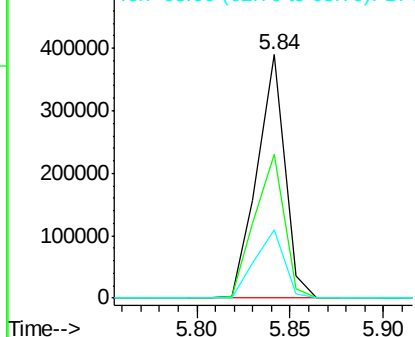
#5

2-Fluorophenol
Concen: 143.19 ng
RT: 5.84 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF075523.D
Acq: 15 Nov 2014 6:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.8	68.6
63	28.3	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: 139.78 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF075523.D

Acq: 15 Nov 2014 6:26

Instrument :

BNA_F

ClientSampled :

PB80209BL

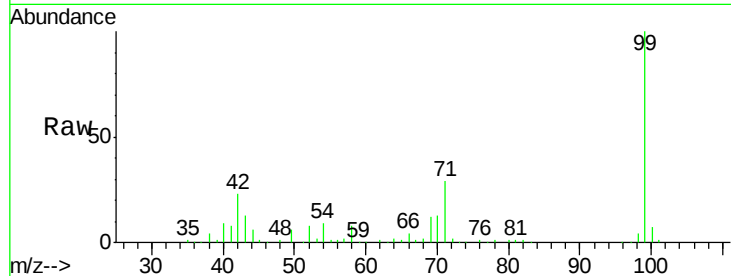
Tot Ion: 99 Resp: 472770

Ion Ratio Lower Upper

99 100

42 23.5 19.8 29.6

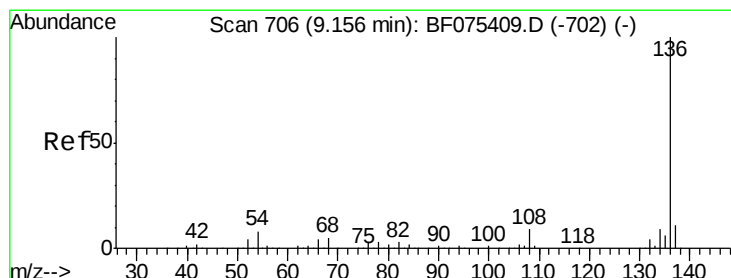
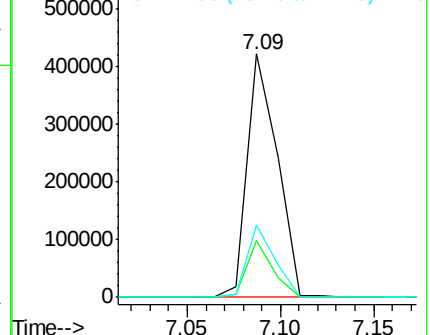
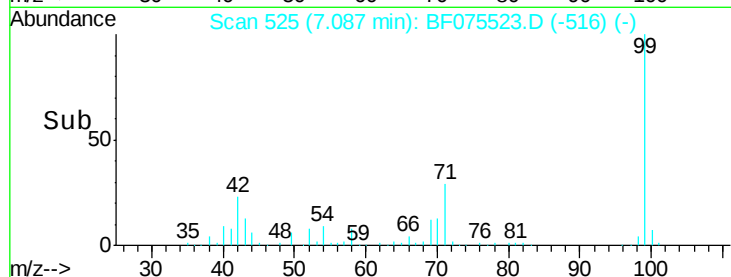
71 29.4 25.5 38.3



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: BF075523.D

Acq: 15 Nov 2014 6:26

Tgt Ion: 136 Resp: 203021

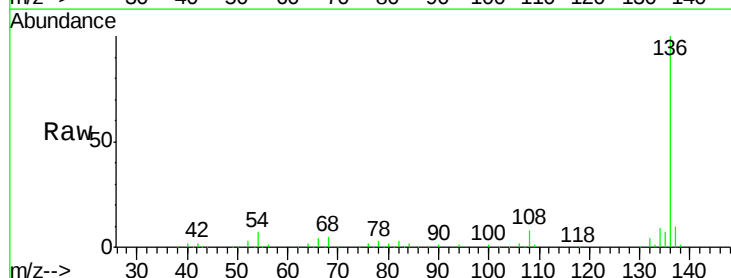
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 7.3 6.2 9.4

68 5.1 3.4 5.2

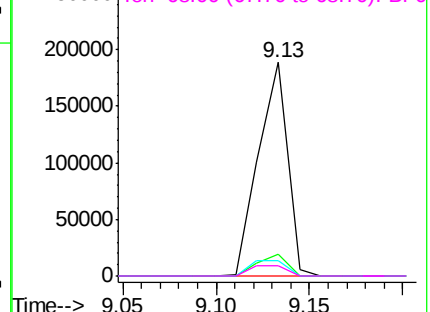
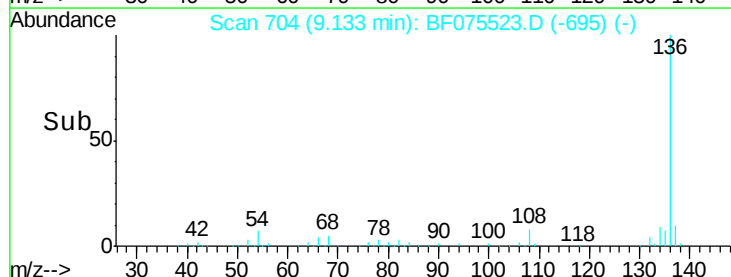


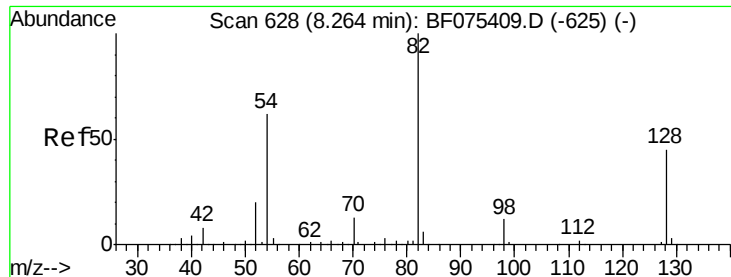
Abundance Ion 136.00 (135.70 to 136.70): E

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

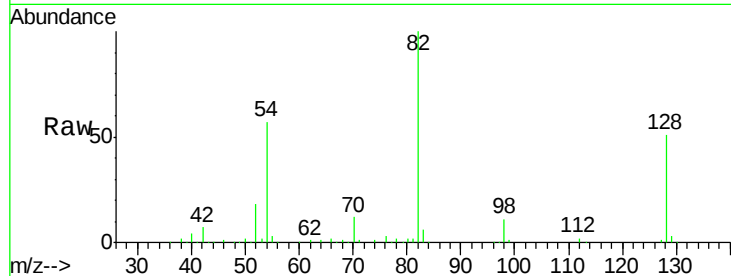




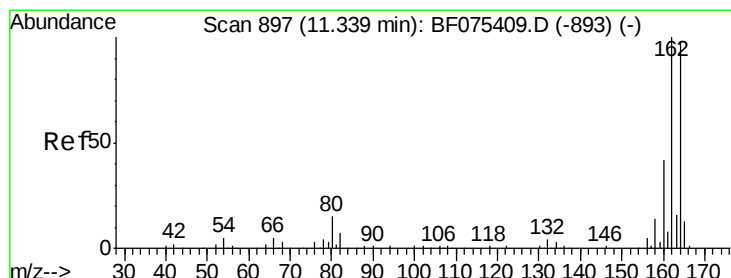
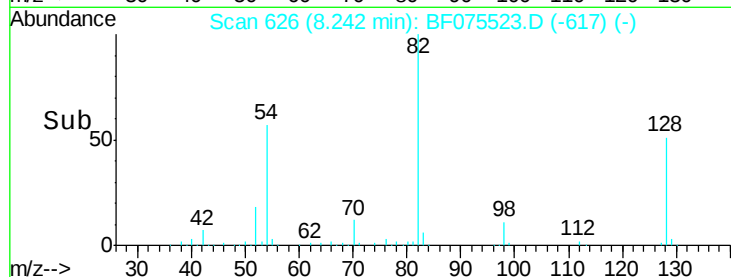
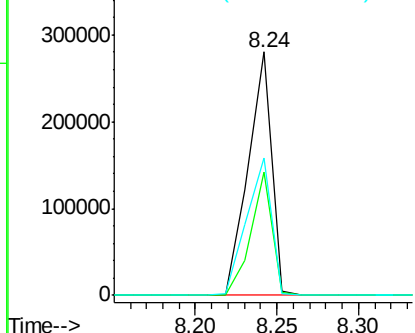
#23
 Nitrobenzene-d5
 Concen: 101.19 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF075523.D
 Acq: 15 Nov 2014 6:26

Instrument :
 BNA_F
 ClientSampleID :
 PB80209BL

Tot Ion: 82 Resp: 280204
 Ion Ratio Lower Upper
 82 100
 128 50.7 37.8 56.6
 54 56.6 49.8 74.8

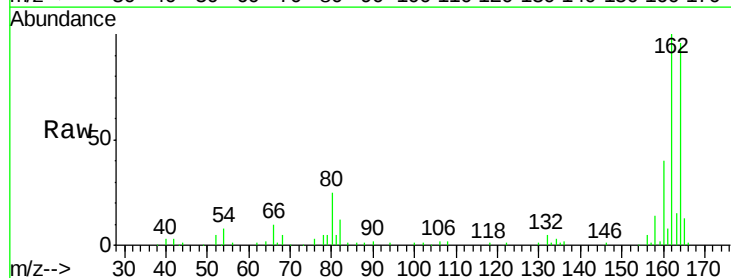


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

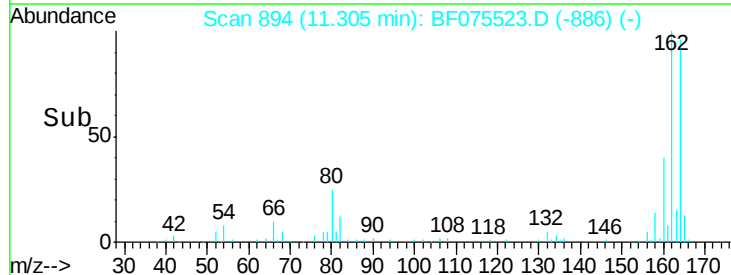
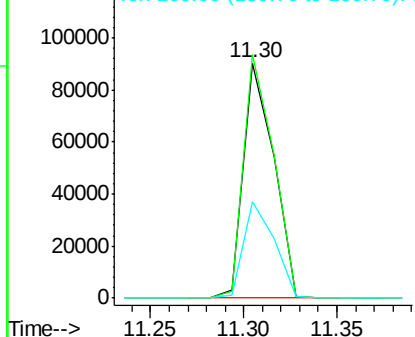


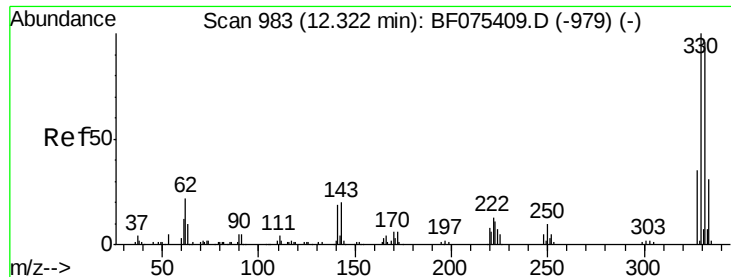
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF075523.D
 Acq: 15 Nov 2014 6:26

Tgt Ion:164 Resp: 101593
 Ion Ratio Lower Upper
 164 100
 162 103.7 79.1 118.7
 160 41.4 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

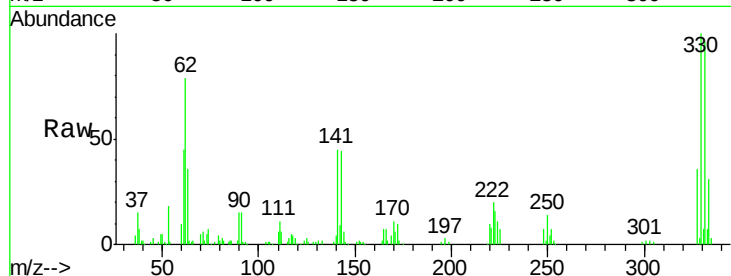




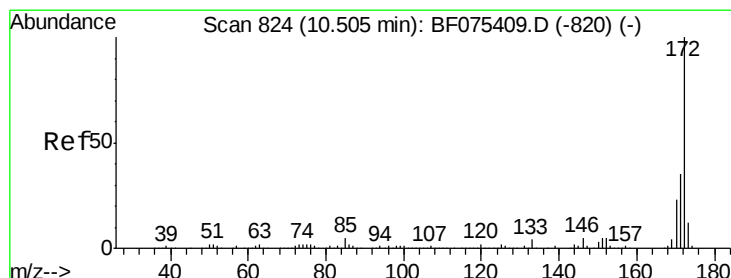
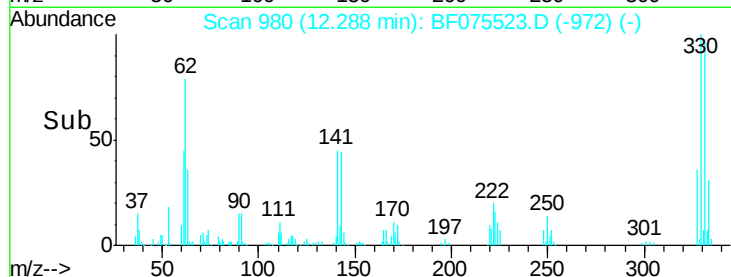
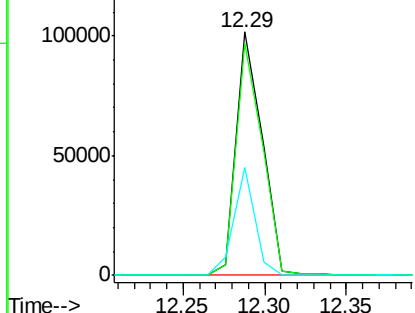
#41
 2,4,6-Tribromophenol
 Concen: 131.66 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075523.D
 Acq: 15 Nov 2014 6:26

Instrument :
 BNA_F
 ClientSampled :
 PB80209BL

Tot Ion:330 Resp: 112029
 Ion Ratio Lower Upper
 330 100
 332 95.5 74.5 111.7
 141 36.2 30.7 46.1

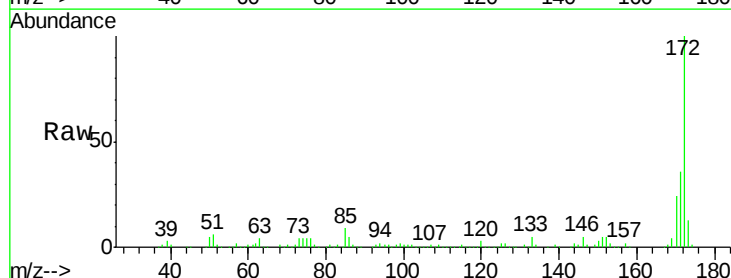


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

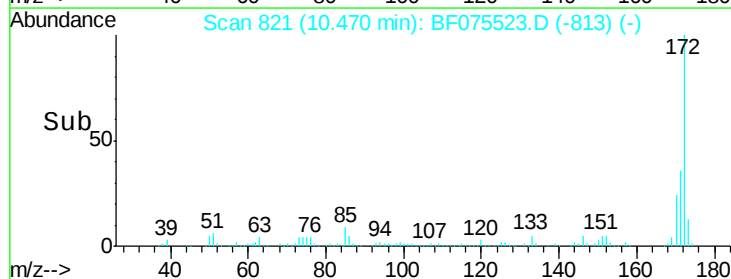
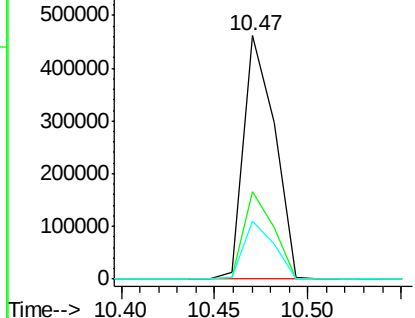


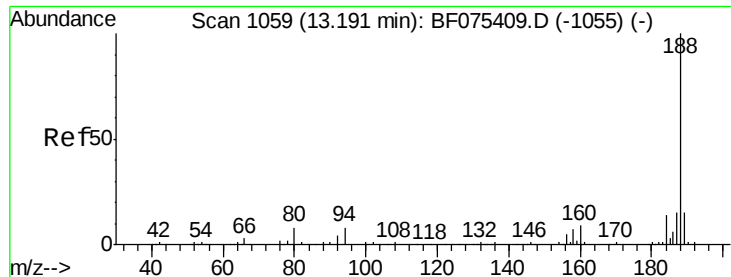
#44
 2-Fluorobiphenyl
 Concen: 94.53 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075523.D
 Acq: 15 Nov 2014 6:26

Tgt Ion:172 Resp: 531450
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.3 40.9
 170 23.7 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

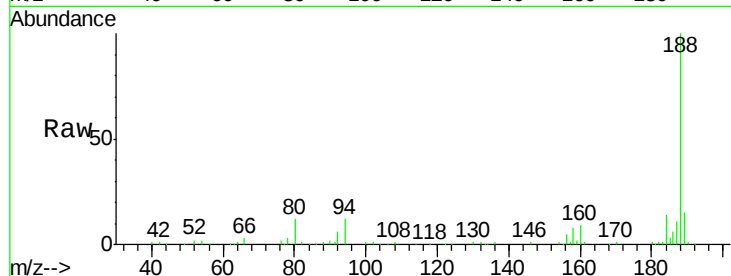




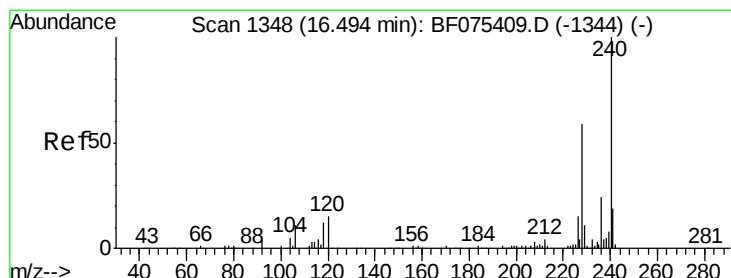
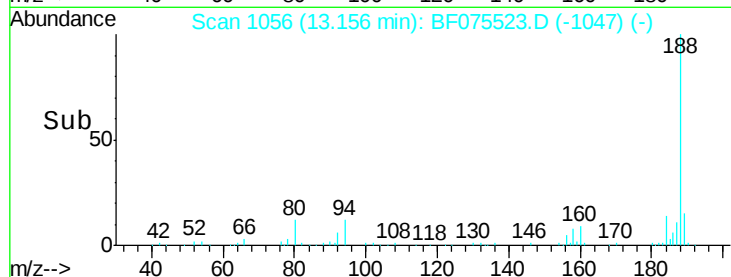
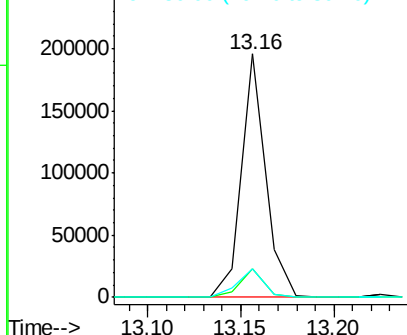
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF075523.D
Acq: 15 Nov 2014 6:26

Instrument :
BNA_F
ClientSampleID :
PB80209BL

Tot Ion:188 Resp: 177182
Ion Ratio Lower Upper
188 100
94 11.6 7.8 11.6
80 11.8 8.0 12.0

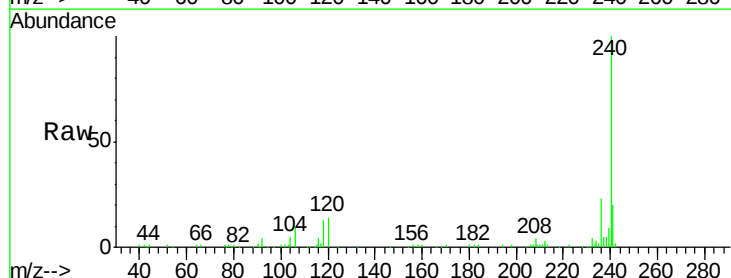


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

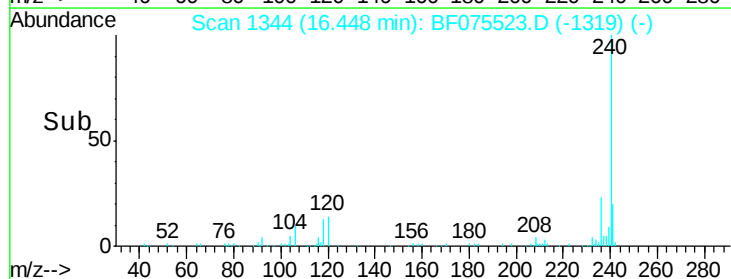
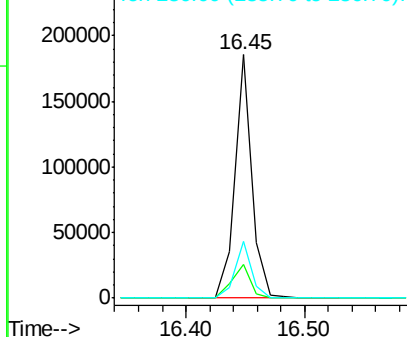


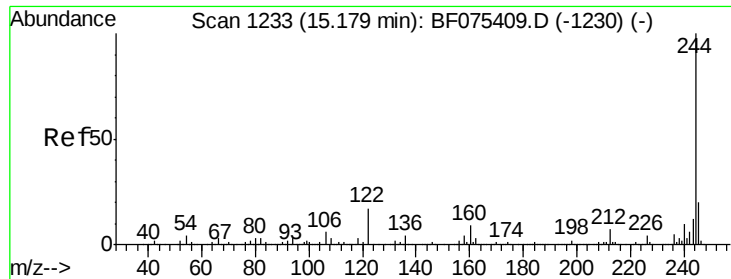
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075523.D
Acq: 15 Nov 2014 6:26

Tgt Ion:240 Resp: 184008
Ion Ratio Lower Upper
240 100
120 14.0 9.6 14.4
236 23.3 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

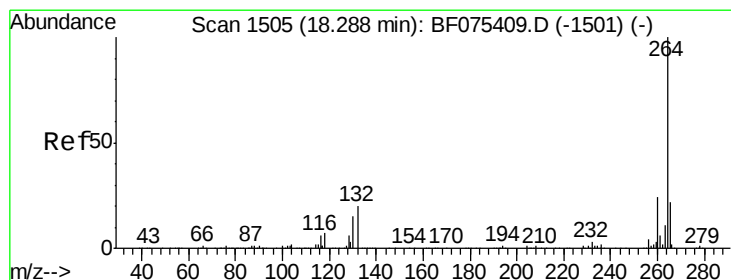
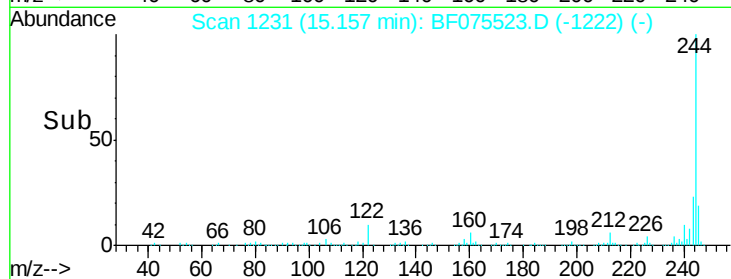
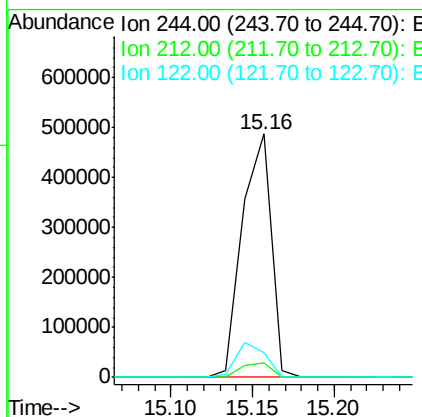
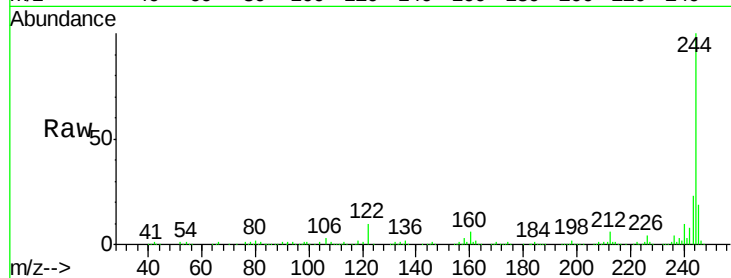




#78
 Terphenyl-d14
 Concen: 87.55 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF075523.D
 Acq: 15 Nov 2014 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB80209BL

Tot Ion:244 Resp: 598418
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.5 8.3
 122 10.0 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.03 min
 Lab File: BF075523.D
 Acq: 15 Nov 2014 6:26

Tgt Ion:264 Resp: 188096
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 20.7 16.3 24.5

