

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075530.D
 Acq On : 15 Nov 2014 9:43
 Operator : TP / JJ
 Sample : F4634-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-11052014

Quant Time: Nov 16 02:35:57 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	55744	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	245900	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	126202	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	224021	20.00	ng	0.00
75) Chrysene-d12	16.45	240	248167	20.00	ng	-0.01
86) Perylene-d12	18.17	264	252056	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	139689	44.27	ng	0.00
7) Phenol-d6	7.09	99	191836	50.56	ng	0.00
23) Nitrobenzene-d5	8.24	82	104251	31.08	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	107611	101.80	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	280712	40.19	ng	-0.01
78) Terphenyl-d14	15.16	244	697270	75.64	ng	0.00

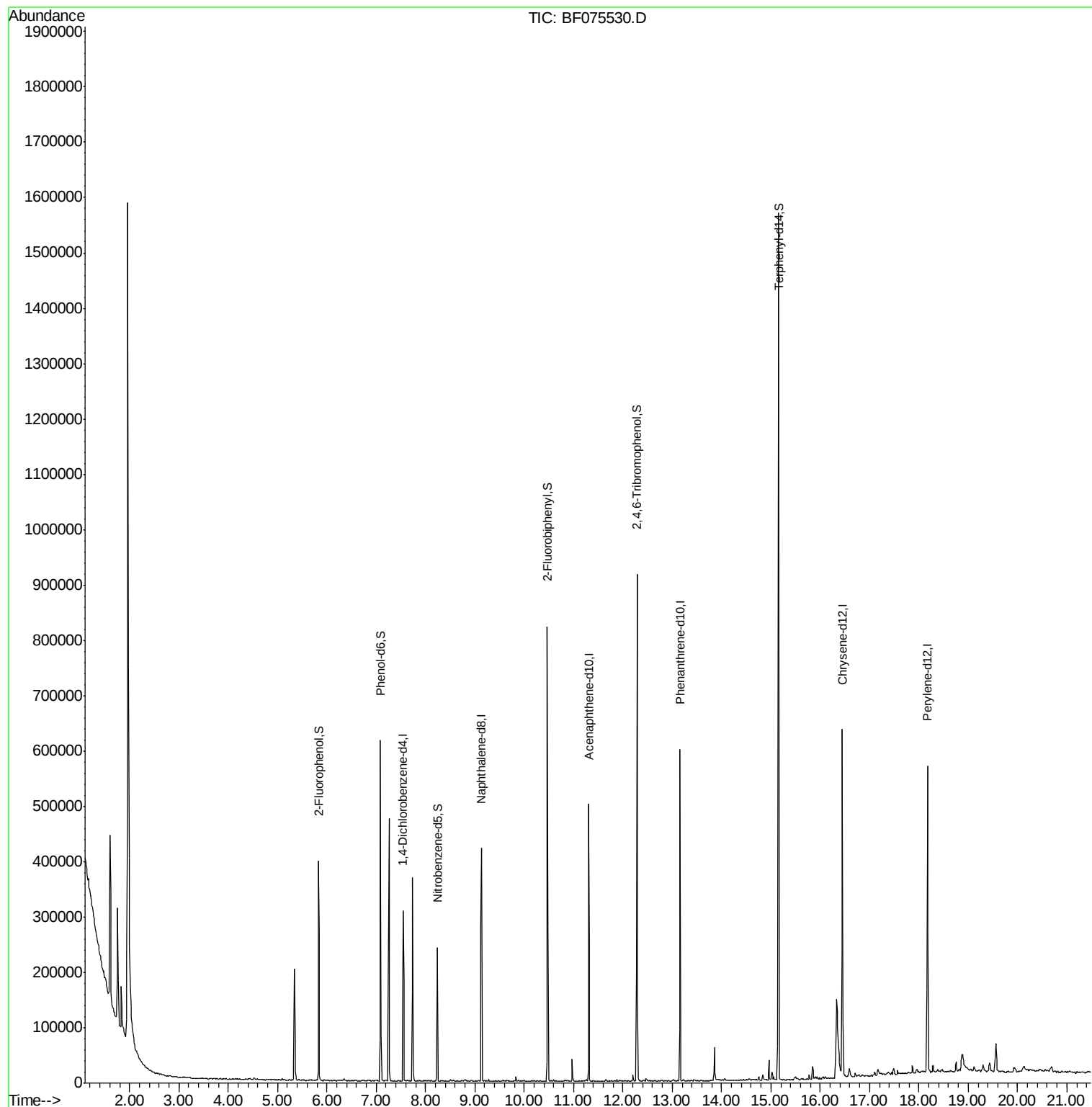
Target Compounds Qvalue

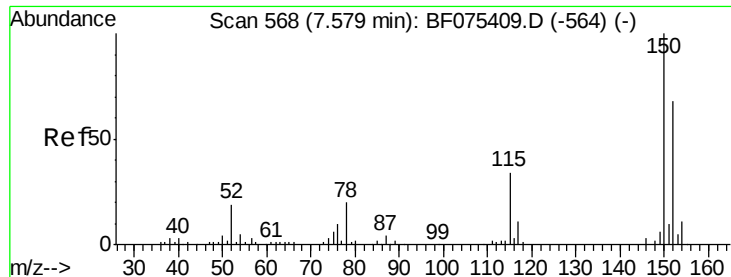
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF075530.D

Acq: 15 Nov 2014 9:43

Instrument :

BNA_F

ClientSampleId :

DUP-11052014

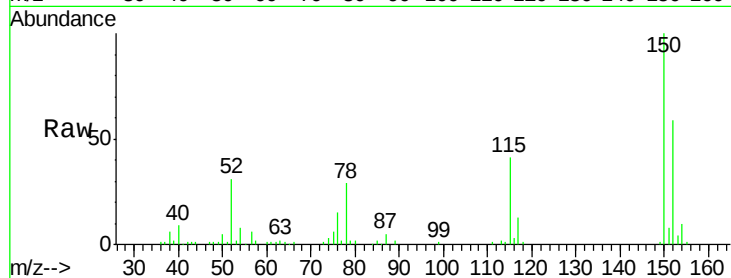
Tot Ion:152 Resp: 55744

Ion Ratio Lower Upper

152 100

150 169.0 127.2 190.8

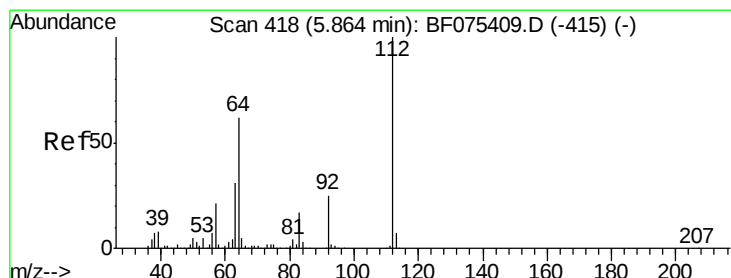
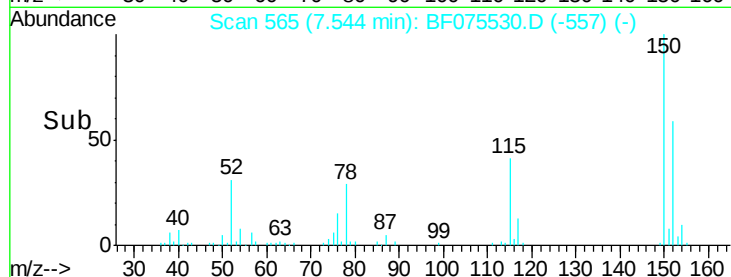
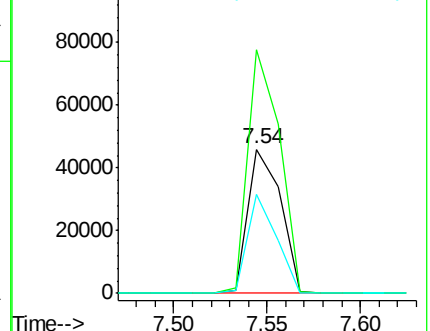
115 68.6 57.1 85.7



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: 44.27 ng

RT: 5.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF075530.D

Acq: 15 Nov 2014 9:43

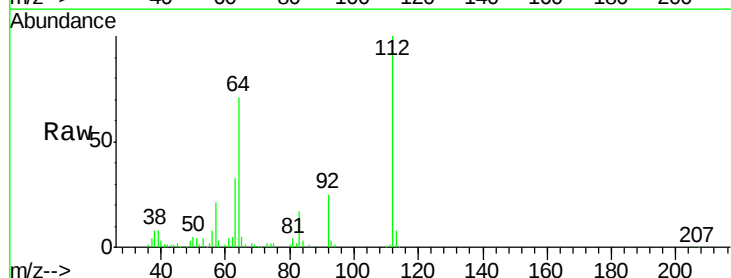
Tgt Ion:112 Resp: 139689

Ion Ratio Lower Upper

112 100

64 71.2 45.8 68.6#

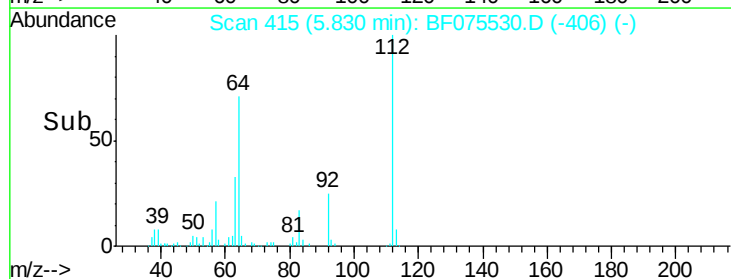
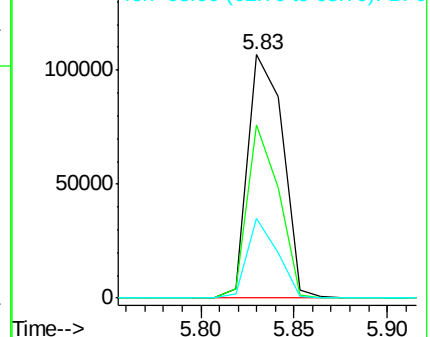
63 32.7 22.7 34.1



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: 50.56 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF075530.D

Acq: 15 Nov 2014 9:43

Instrument :

BNA_F

ClientSampleId :

DUP-11052014

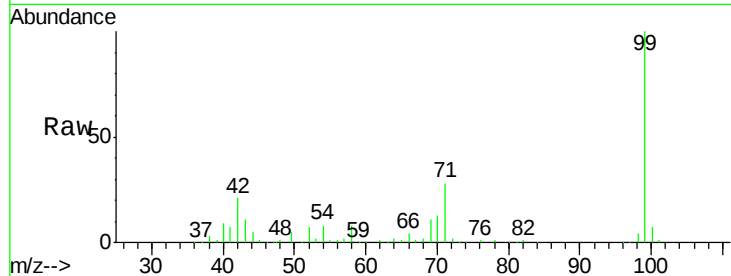
Tot Ion: 99 Resp: 191836

Ion Ratio Lower Upper

99 100

42 20.9 19.8 29.6

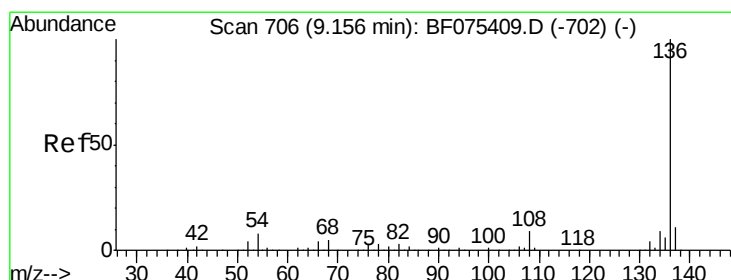
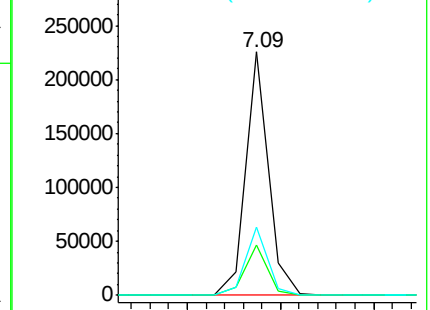
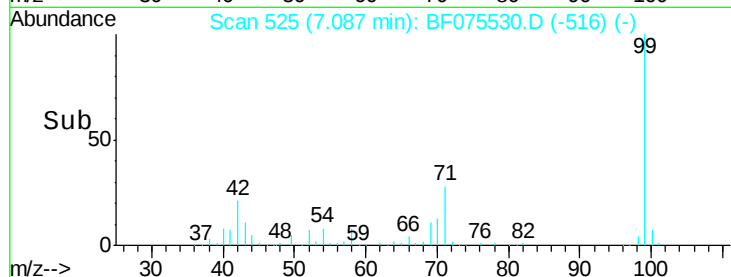
71 27.9 25.5 38.3



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: BF075530.D

Acq: 15 Nov 2014 9:43

Tgt Ion: 136 Resp: 245900

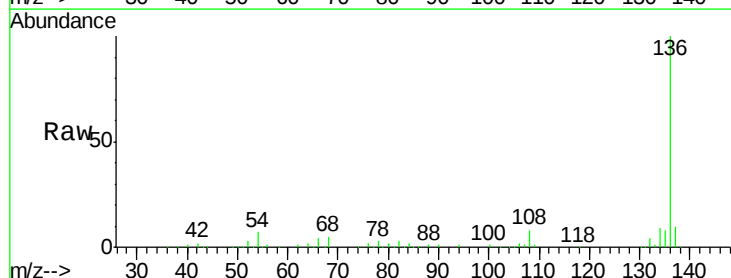
Ion Ratio Lower Upper

136 100

137 9.9 8.2 12.4

54 7.5 6.2 9.4

68 4.8 3.4 5.2

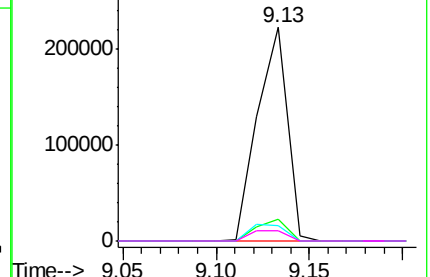
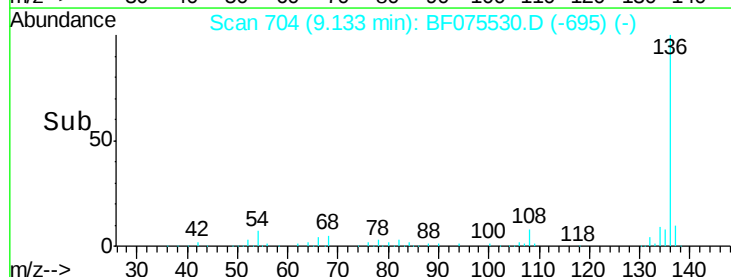


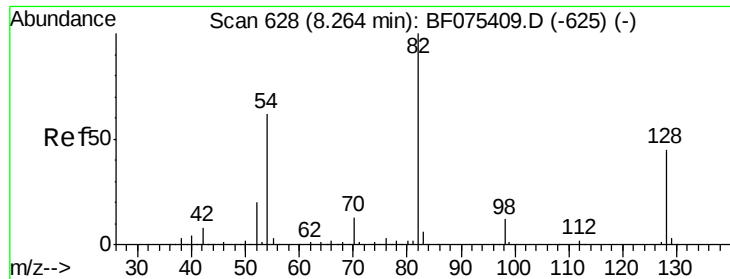
Abundance Ion 136.00 (135.70 to 136.70): E

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

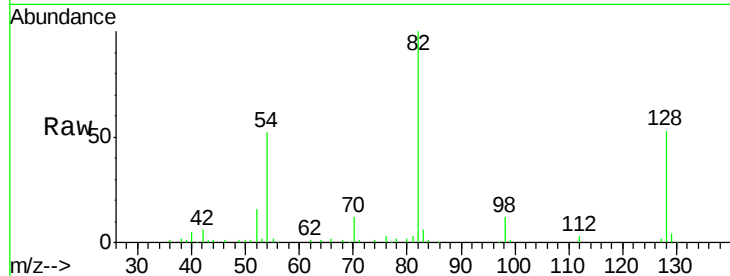




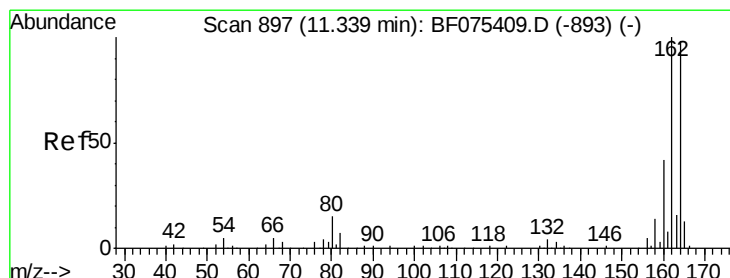
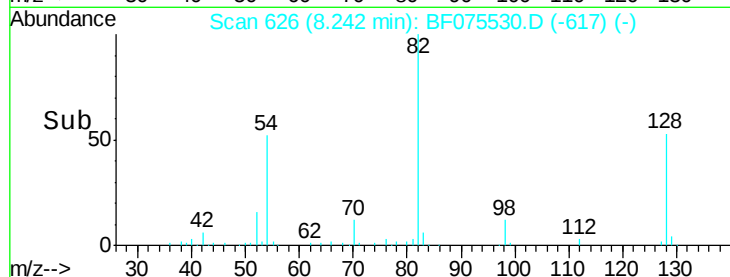
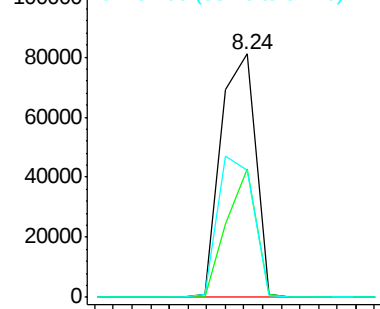
#23
 Nitrobenzene-d5
 Concen: 31.08 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF075530.D
 Acq: 15 Nov 2014 9:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-11052014

Tot Ion: 82 Resp: 104251
 Ion Ratio Lower Upper
 82 100
 128 52.7 37.8 56.6
 54 52.4 49.8 74.8

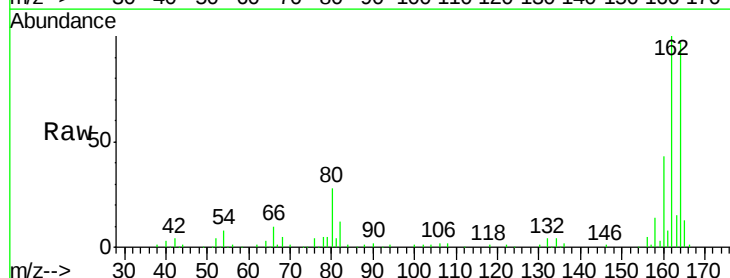


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

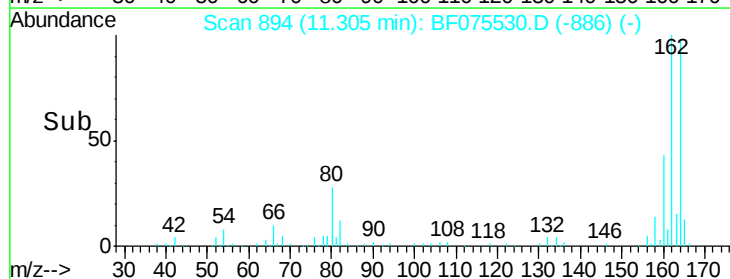
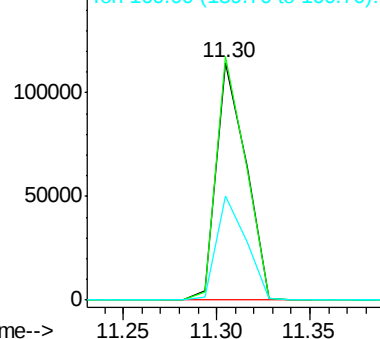


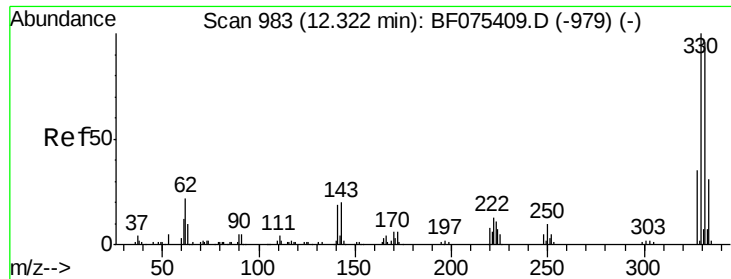
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF075530.D
 Acq: 15 Nov 2014 9:43

Tgt Ion: 164 Resp: 126202
 Ion Ratio Lower Upper
 164 100
 162 102.6 79.1 118.7
 160 43.8 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

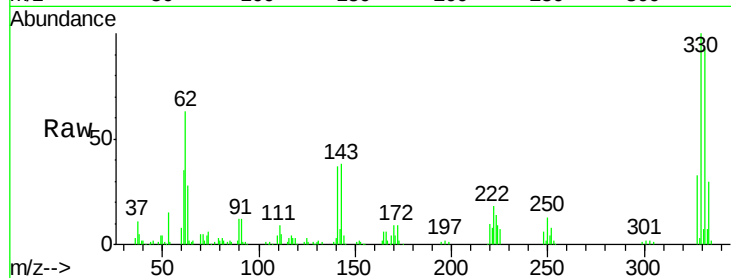




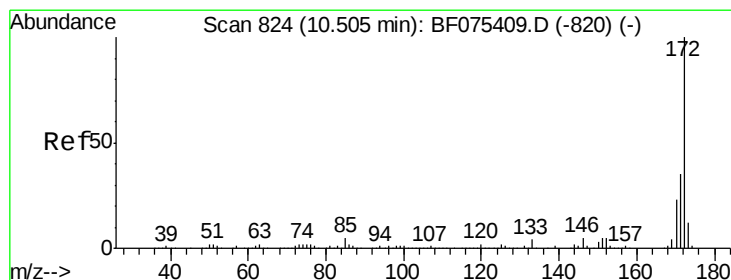
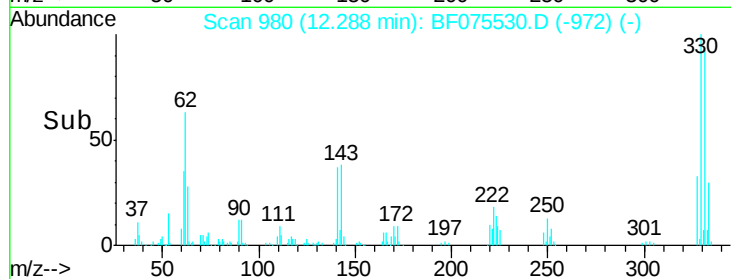
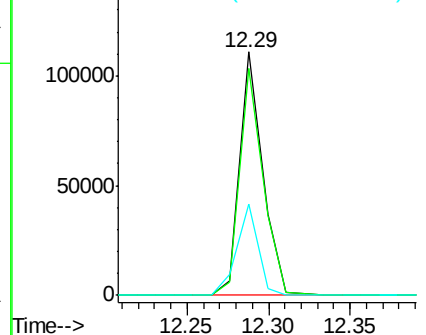
#41
 2,4,6-Tribromophenol
 Concen: 101.80 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075530.D
 Acq: 15 Nov 2014 9:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-11052014

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	74.5	111.7
141	35.0	30.7	46.1

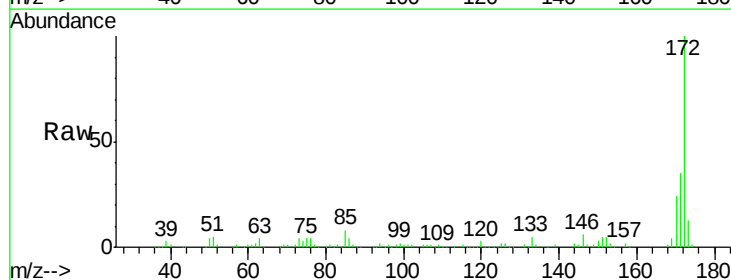


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

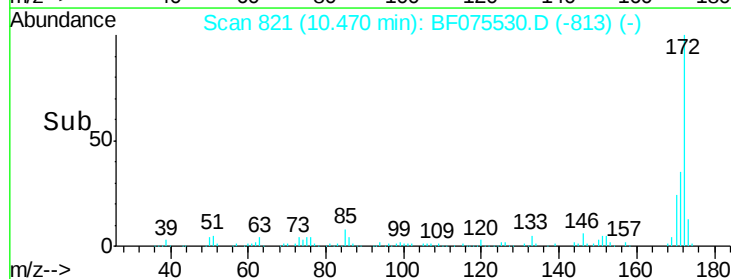
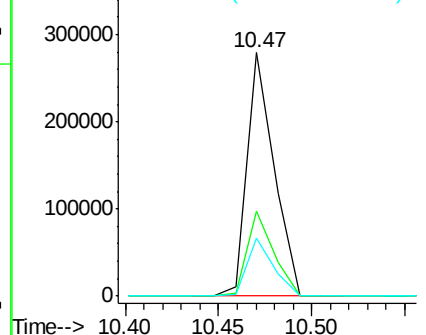


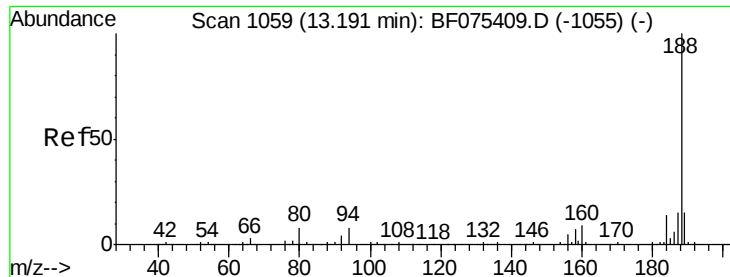
#44
 2-Fluorobiphenyl
 Concen: 40.19 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075530.D
 Acq: 15 Nov 2014 9:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	23.8	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

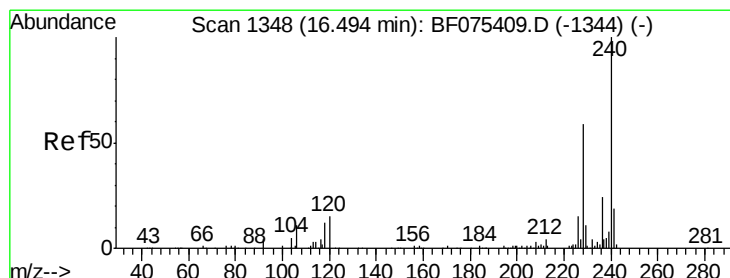
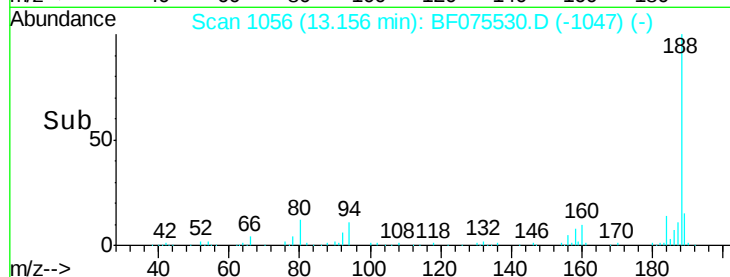
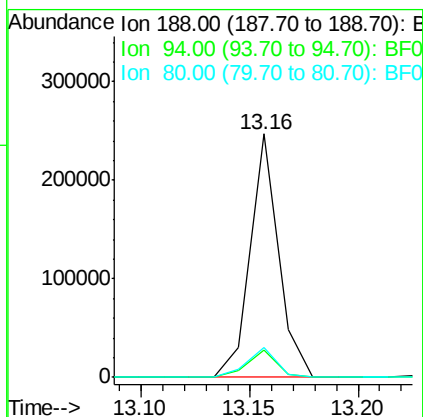
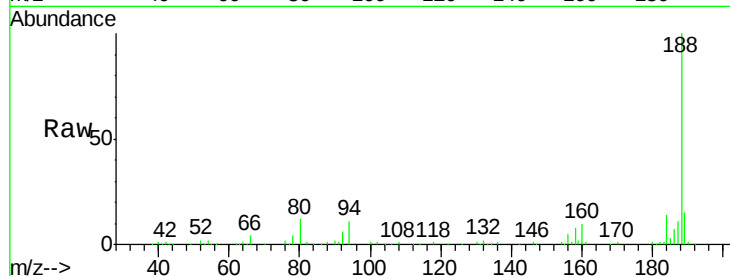




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF075530.D
Acq: 15 Nov 2014 9:43

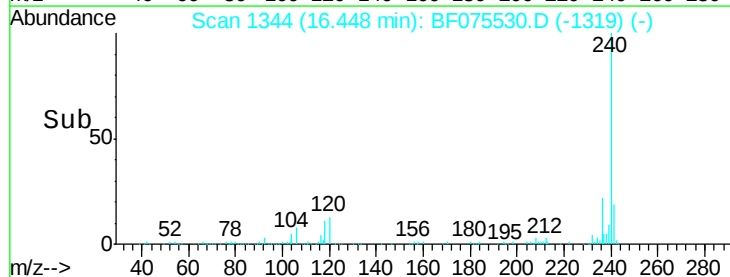
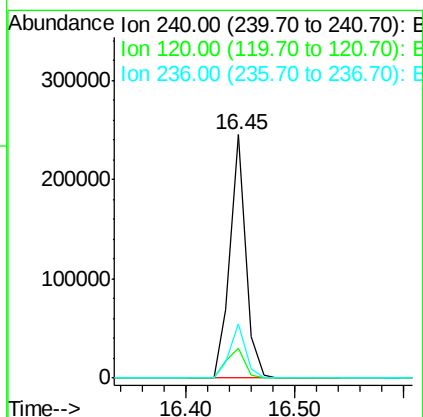
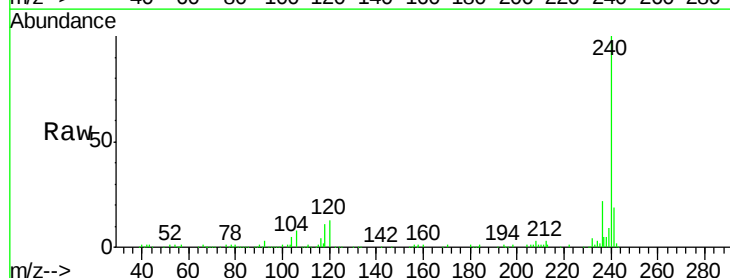
Instrument :
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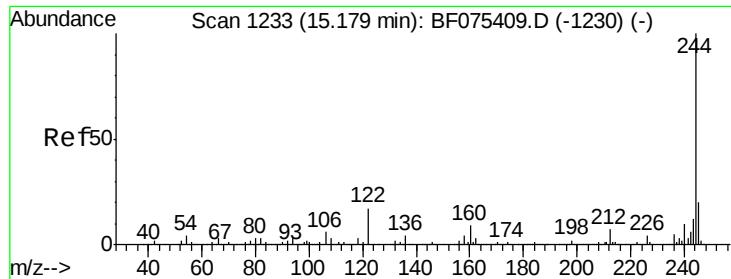
Tot Ion:188 Resp: 224021
Ion Ratio Lower Upper
188 100
94 11.1 7.8 11.6
80 12.1 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075530.D
Acq: 15 Nov 2014 9:43

Tgt Ion:240 Resp: 248167
Ion Ratio Lower Upper
240 100
120 12.5 9.6 14.4
236 22.5 18.9 28.3

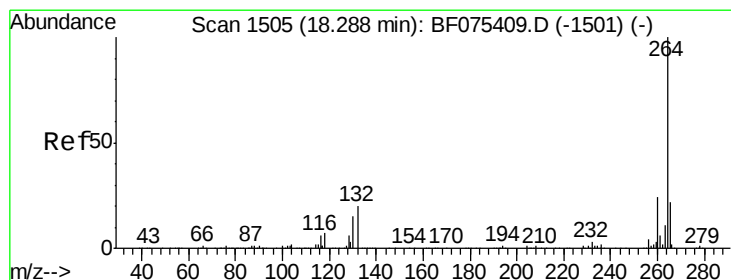
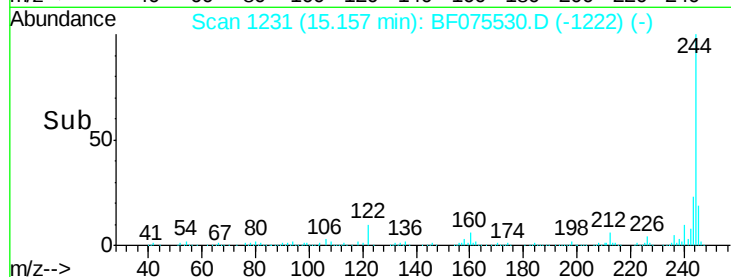
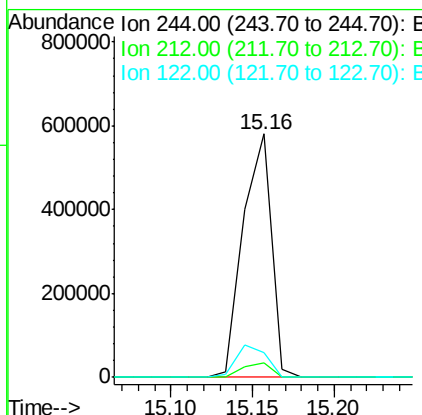
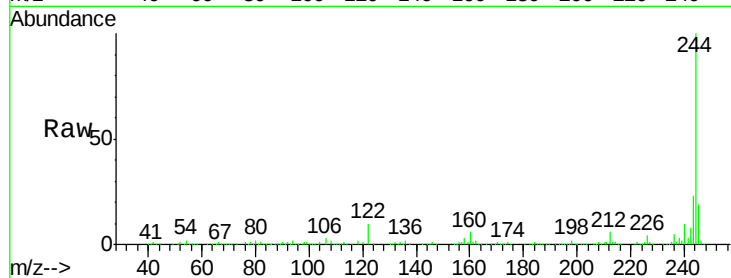




#78
 Terphenyl-d14
 Concen: 75.64 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF075530.D
 Acq: 15 Nov 2014 9:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-11052014

Tot Ion:244 Resp: 697270
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 10.3 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.17 min Scan# 1495
 Delta R.T. -0.06 min
 Lab File: BF075530.D
 Acq: 15 Nov 2014 9:43

Tgt Ion:264 Resp: 252056
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 20.9 16.3 24.5

