

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075532.D
 Acq On : 15 Nov 2014 10:39
 Operator : TP / JJ
 Sample : F4706-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-111014

Quant Time: Nov 16 02:36:45 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	81465	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	348642	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	176116	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	304203	20.00	ng	0.00
75) Chrysene-d12	16.45	240	335949	20.00	ng	-0.01
86) Perylene-d12	18.20	264	354840	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	174369	37.81	ng	0.00
7) Phenol-d6	7.09	99	133250	24.03	ng	0.00
23) Nitrobenzene-d5	8.24	82	315704	66.39	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	126482	85.74	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	600944	61.66	ng	-0.01
78) Terphenyl-d14	15.16	244	643660	51.58	ng	0.00

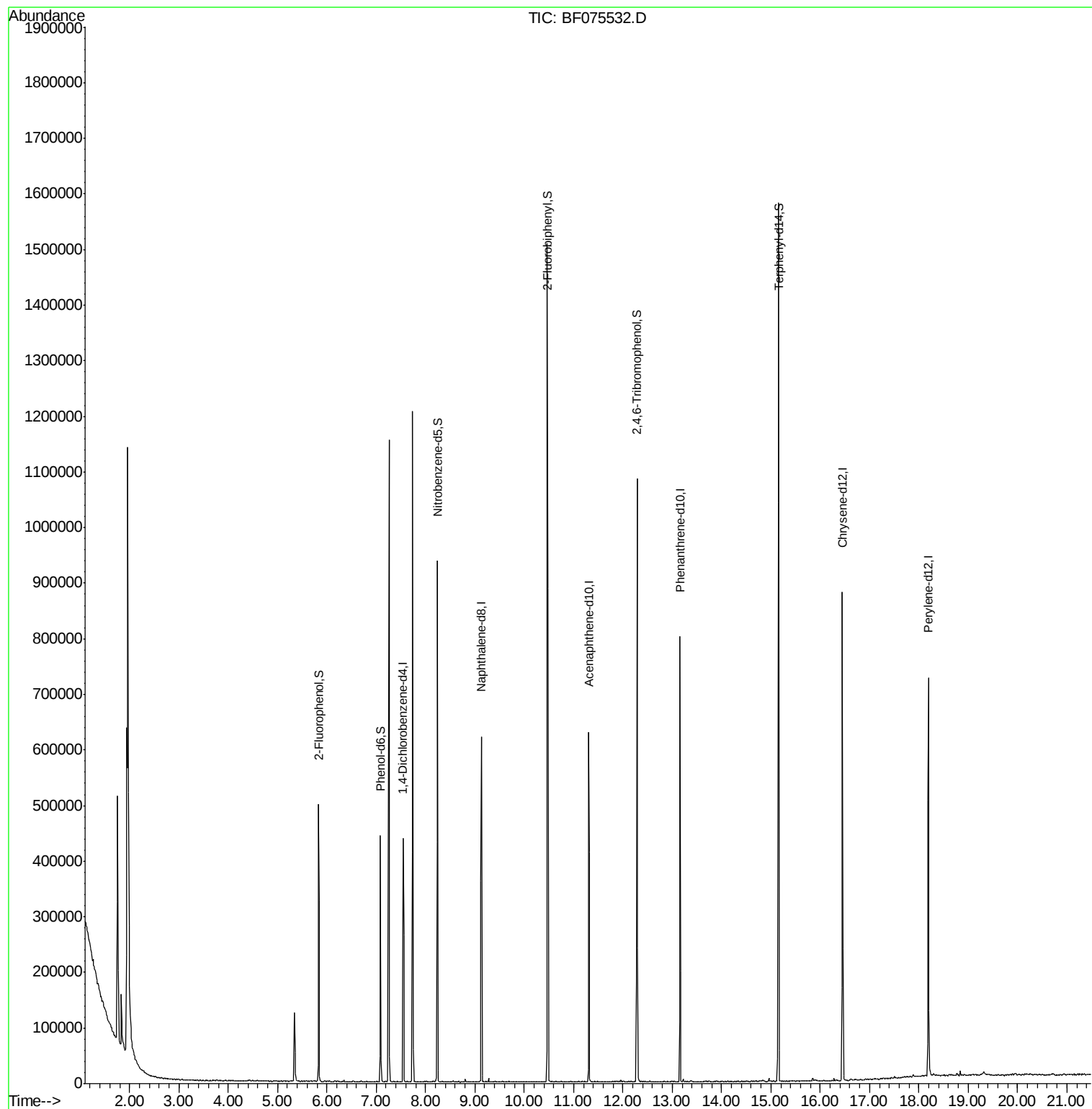
Target Compounds Qvalue

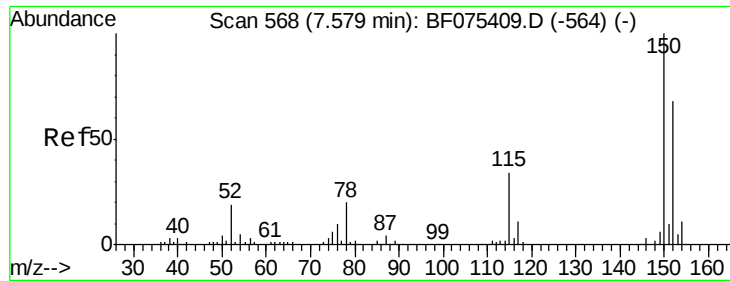
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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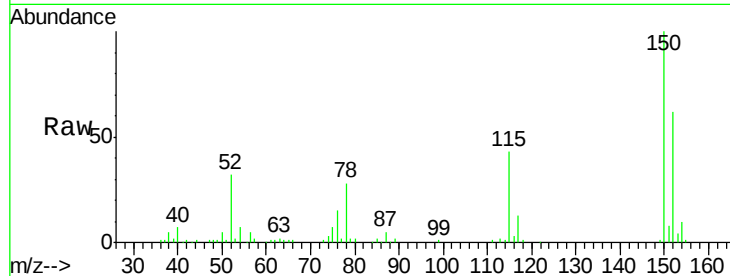


#1

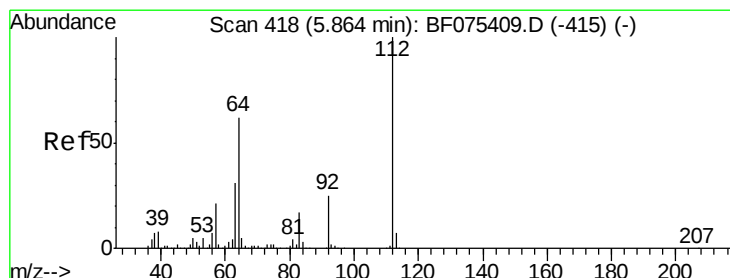
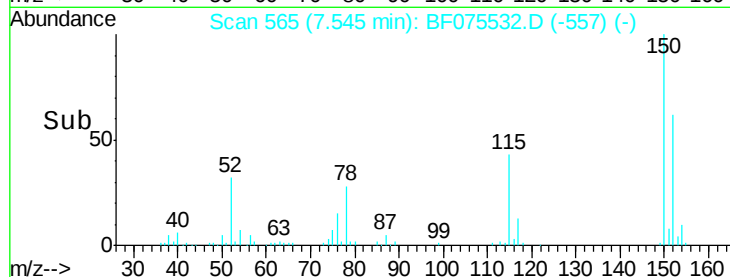
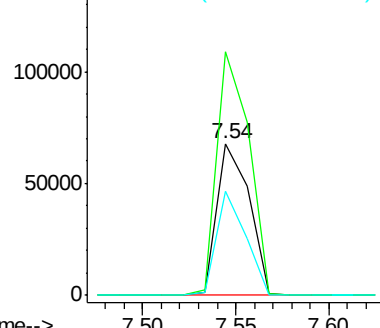
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF075532.D
Acq: 15 Nov 2014 10:39

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-111014

Tot Ion:152 Resp: 81465
Ion Ratio Lower Upper
152 100
150 160.5 127.2 190.8
115 68.7 57.1 85.7



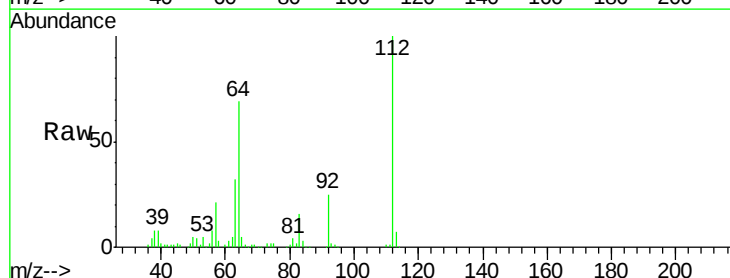
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



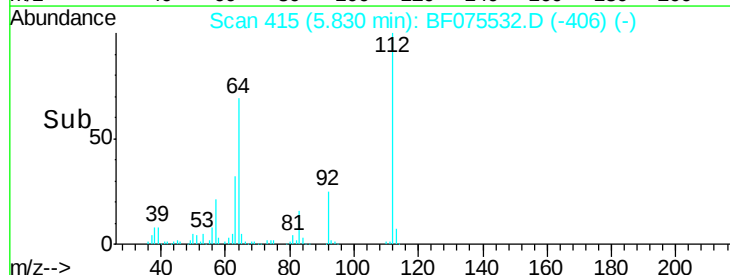
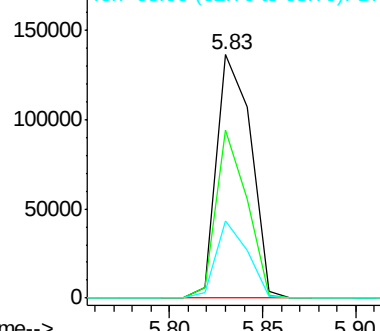
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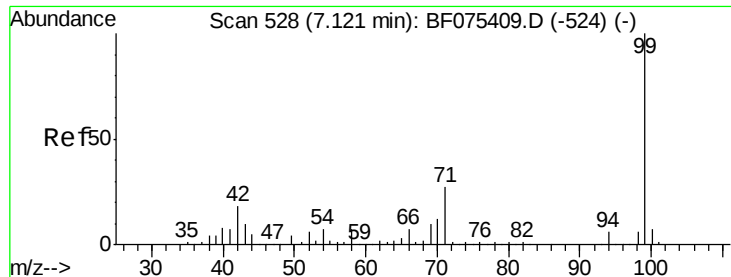
2-Fluorophenol
Concen: 37.81 ng
RT: 5.83 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF075532.D
Acq: 15 Nov 2014 10:39

Tgt Ion:112 Resp: 174369
Ion Ratio Lower Upper
112 100
64 68.8 45.8 68.6#
63 31.7 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: 24.03 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075532.D

Acq: 15 Nov 2014 10:39

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-111014

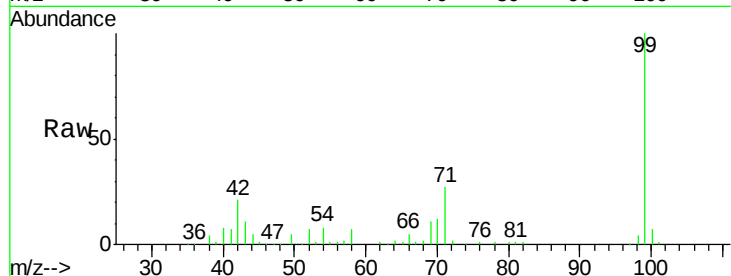
Tot Ion: 99 Resp: 133250

Ion Ratio Lower Upper

99 100

42 20.7 19.8 29.6

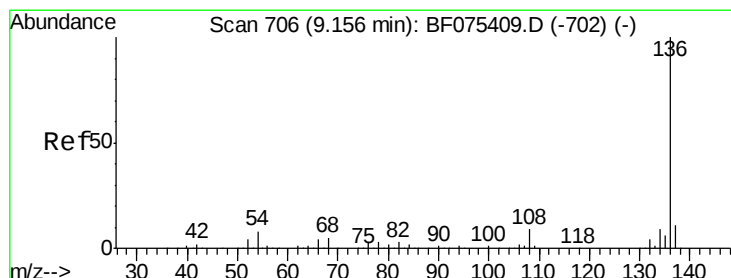
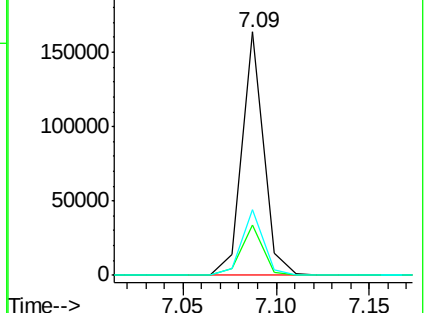
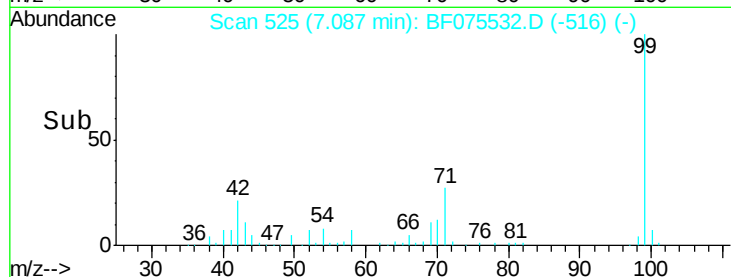
71 26.9 25.5 38.3



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: BF075532.D

Acq: 15 Nov 2014 10:39

Tgt Ion: 136 Resp: 348642

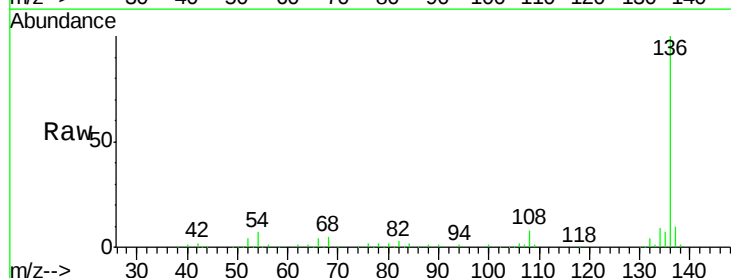
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.4

54 7.2 6.2 9.4

68 4.9 3.4 5.2

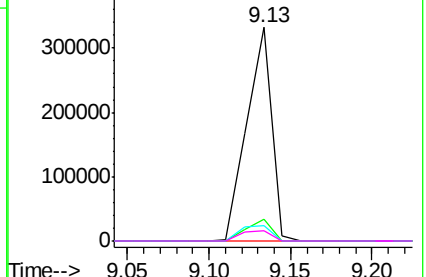
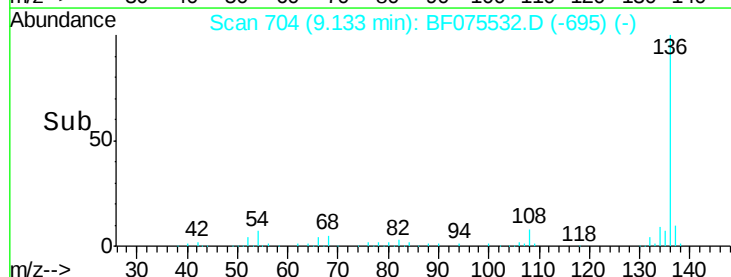


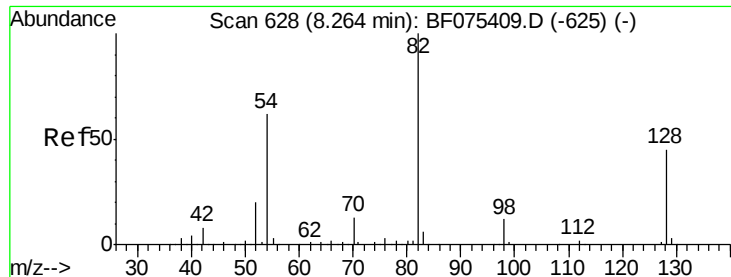
Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.39 ng

RT: 8.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF075532.D

Acq: 15 Nov 2014 10:39

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-111014

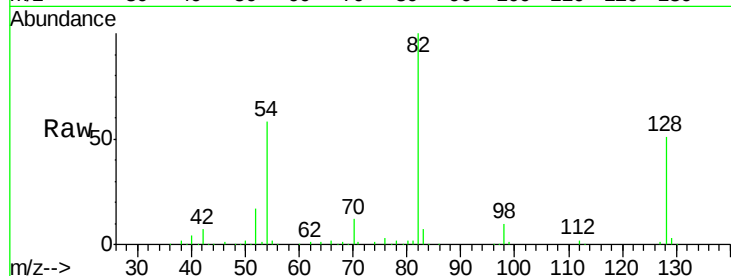
Tot Ion: 82 Resp: 315704

Ion Ratio Lower Upper

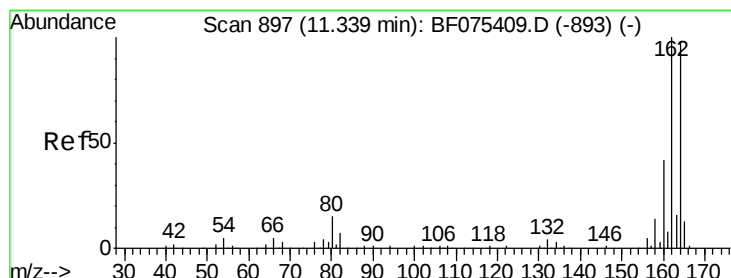
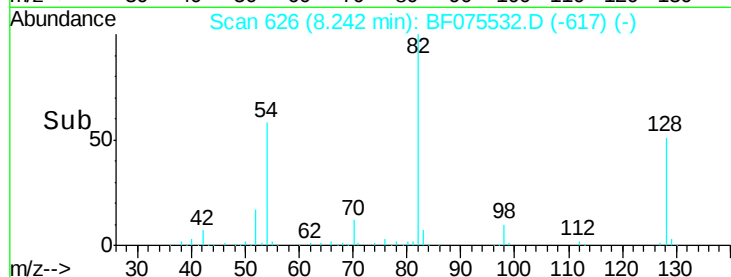
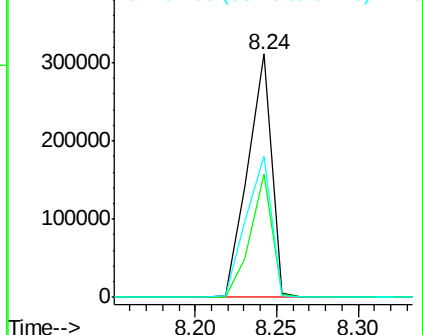
82 100

128 50.8 37.8 56.6

54 58.1 49.8 74.8



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: 11.30 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF075532.D

Acq: 15 Nov 2014 10:39

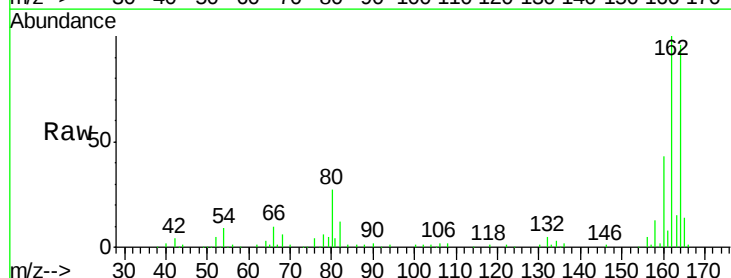
Tgt Ion:164 Resp: 176116

Ion Ratio Lower Upper

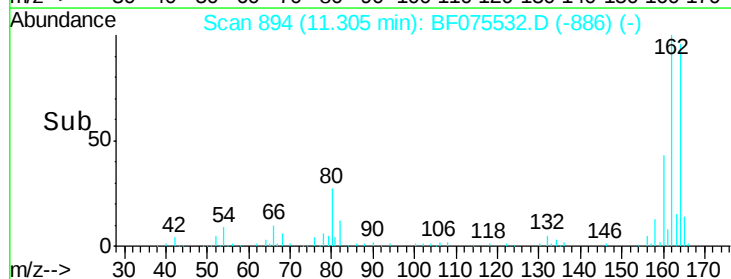
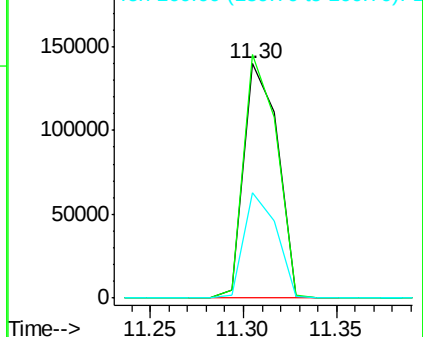
164 100

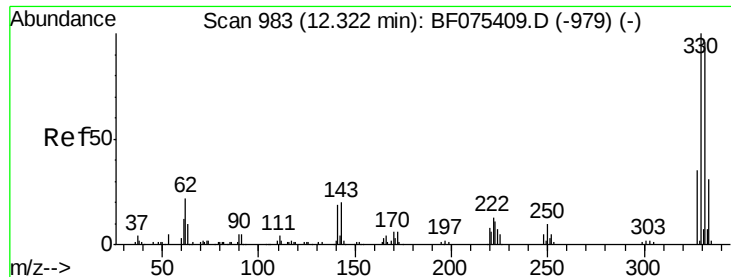
162 104.0 79.1 118.7

160 44.7 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

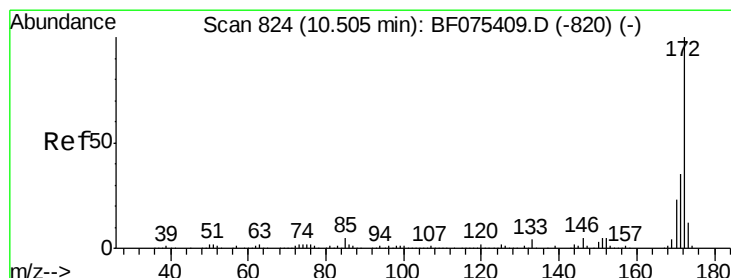
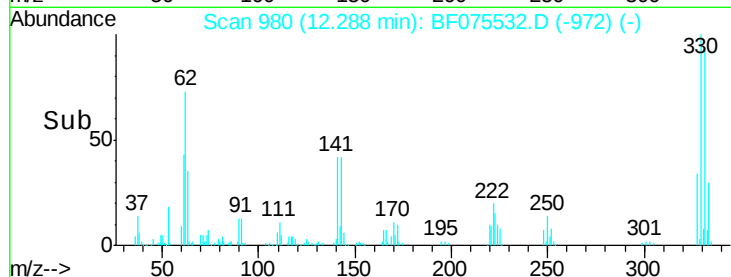
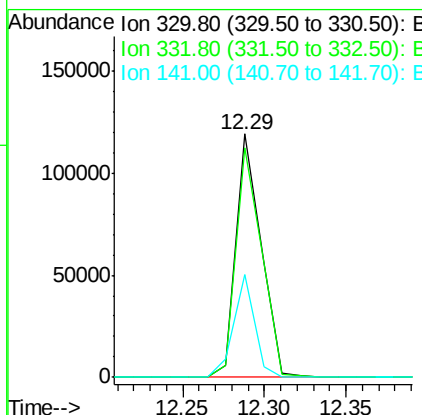
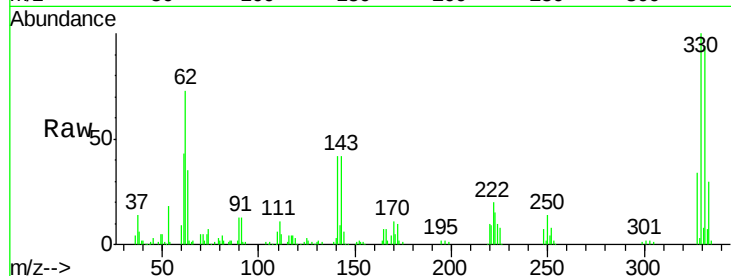




#41
 2,4,6-Tribromophenol
 Concen: 85.74 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075532.D
 Acq: 15 Nov 2014 10:39

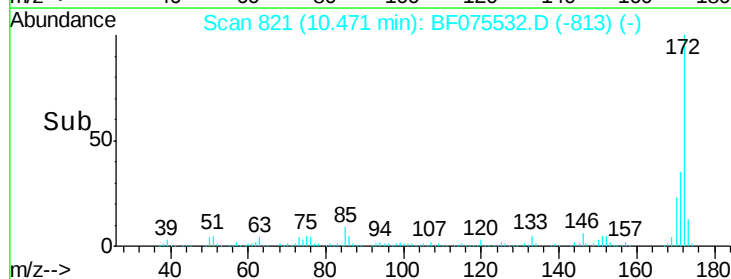
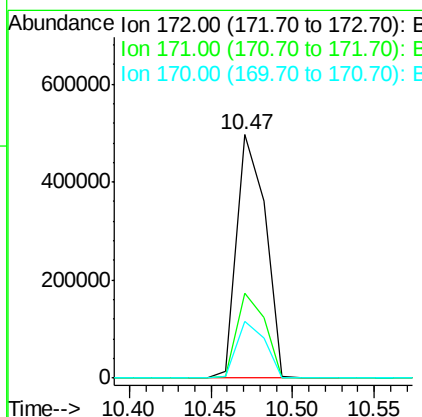
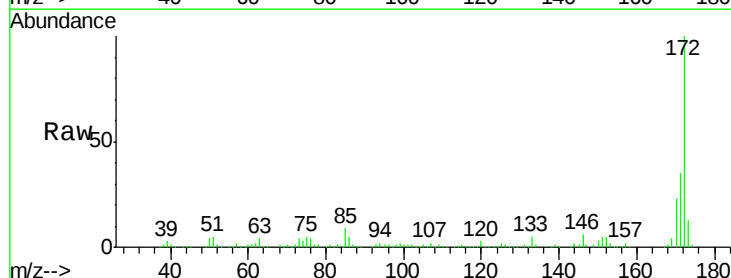
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-111014

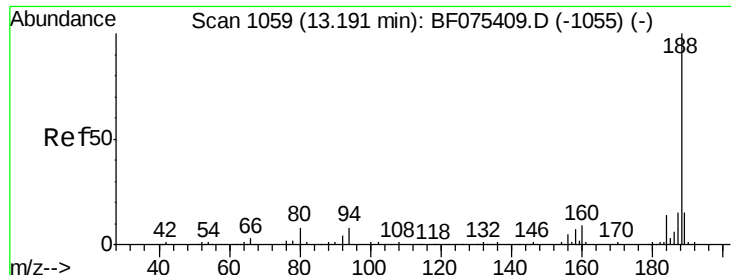
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	74.5	111.7
141	35.2	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 61.66 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075532.D
 Acq: 15 Nov 2014 10:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	23.1	18.4	27.6

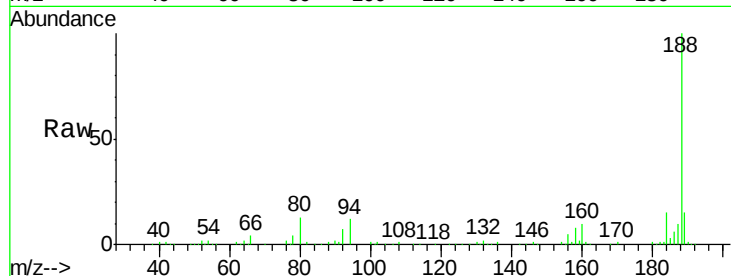




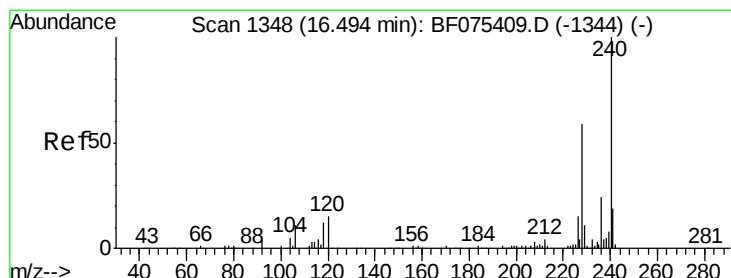
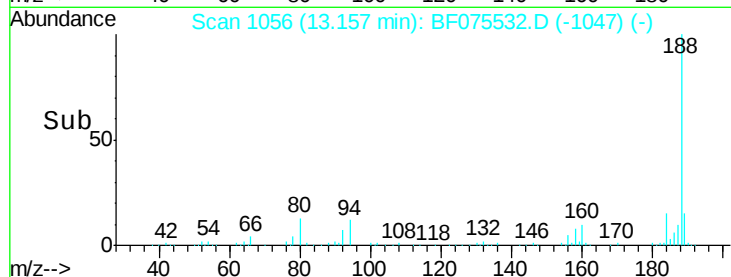
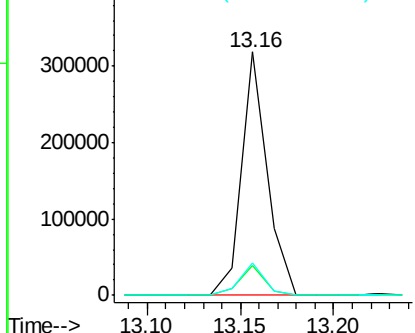
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075532.D
Acq: 15 Nov 2014 10:39

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-111014

Tot Ion:188 Resp: 304203
Ion Ratio Lower Upper
188 100
94 12.3 7.8 11.6#
80 13.4 8.0 12.0#

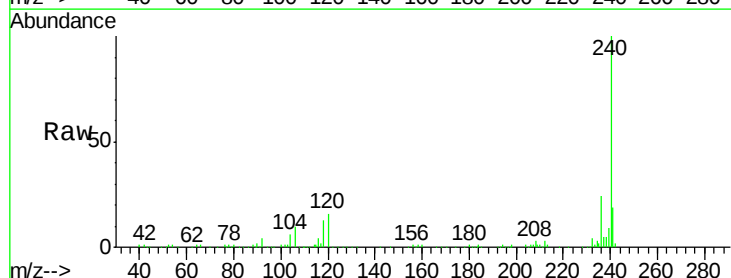


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

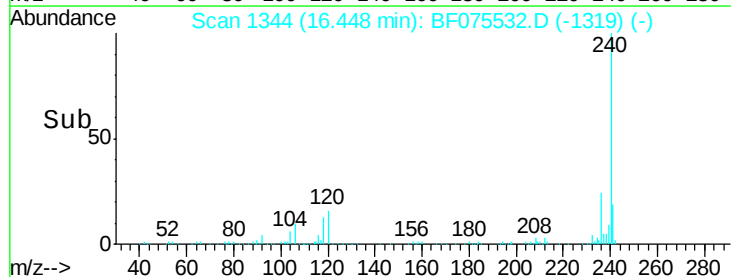
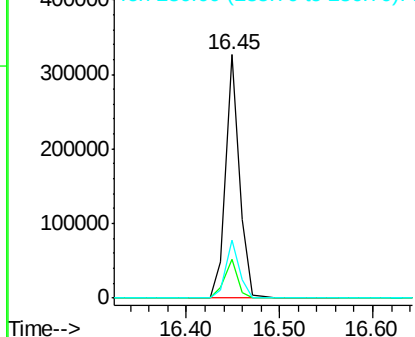


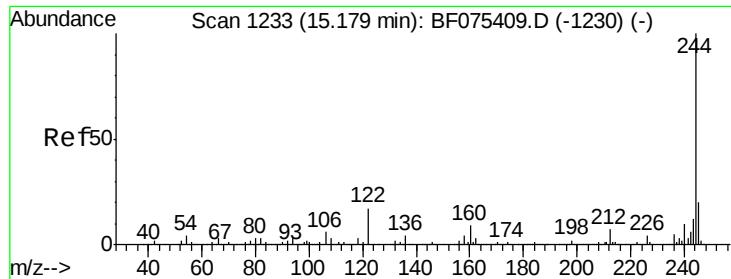
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075532.D
Acq: 15 Nov 2014 10:39

Tgt Ion:240 Resp: 335949
Ion Ratio Lower Upper
240 100
120 15.7 9.6 14.4#
236 23.8 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

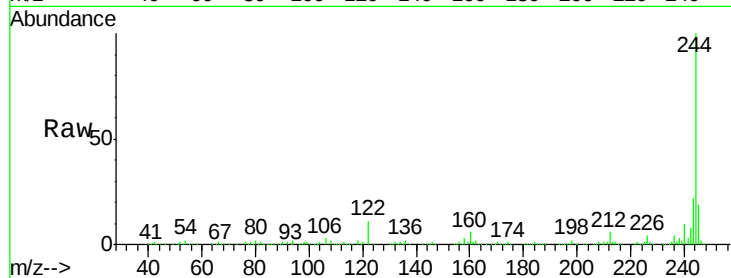




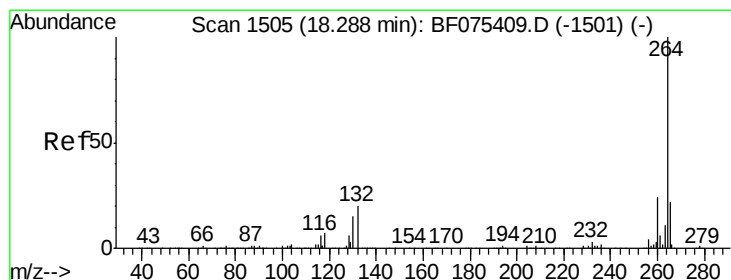
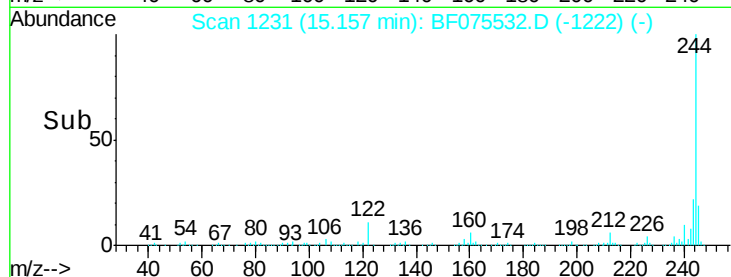
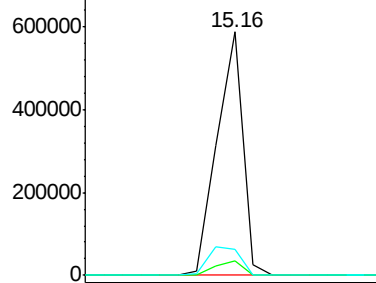
#78
 Terphenyl-d14
 Concen: 51.58 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075532.D
 Acq: 15 Nov 2014 10:39

Instrument :
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 ClientSampleId :
 FIELDBLANK-111014

Tot Ion:244 Resp: 643660
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.5 8.3
 122 10.6 9.7 14.5

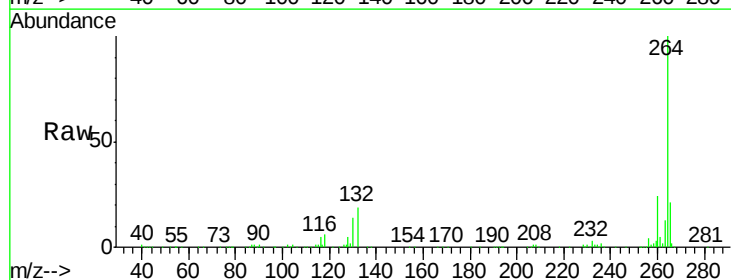


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.03 min
 Lab File: BF075532.D
 Acq: 15 Nov 2014 10:39

Tgt Ion:264 Resp: 354840
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.9 26.9
 265 21.0 16.3 24.5



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

