

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075510.D
 Acq On : 14 Nov 2014 22:55
 Operator : TP / JJ
 Sample : PB80231BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80231BL

Quant Time: Nov 15 01:30:56 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	51116	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	220994	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	112516	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	190002	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	205159	20.00	ng	-0.09
86) Perylene-d12	18.20	264	207641	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	52678	18.21	ng	-0.02
7) Phenol-d6	7.09	99	69173	19.88	ng	-0.02
23) Nitrobenzene-d5	8.24	82	31671	10.51	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	13116	13.92	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	73031	11.73	ng	-0.02
78) Terphenyl-d14	15.15	244	76371	10.02	ng	-0.05

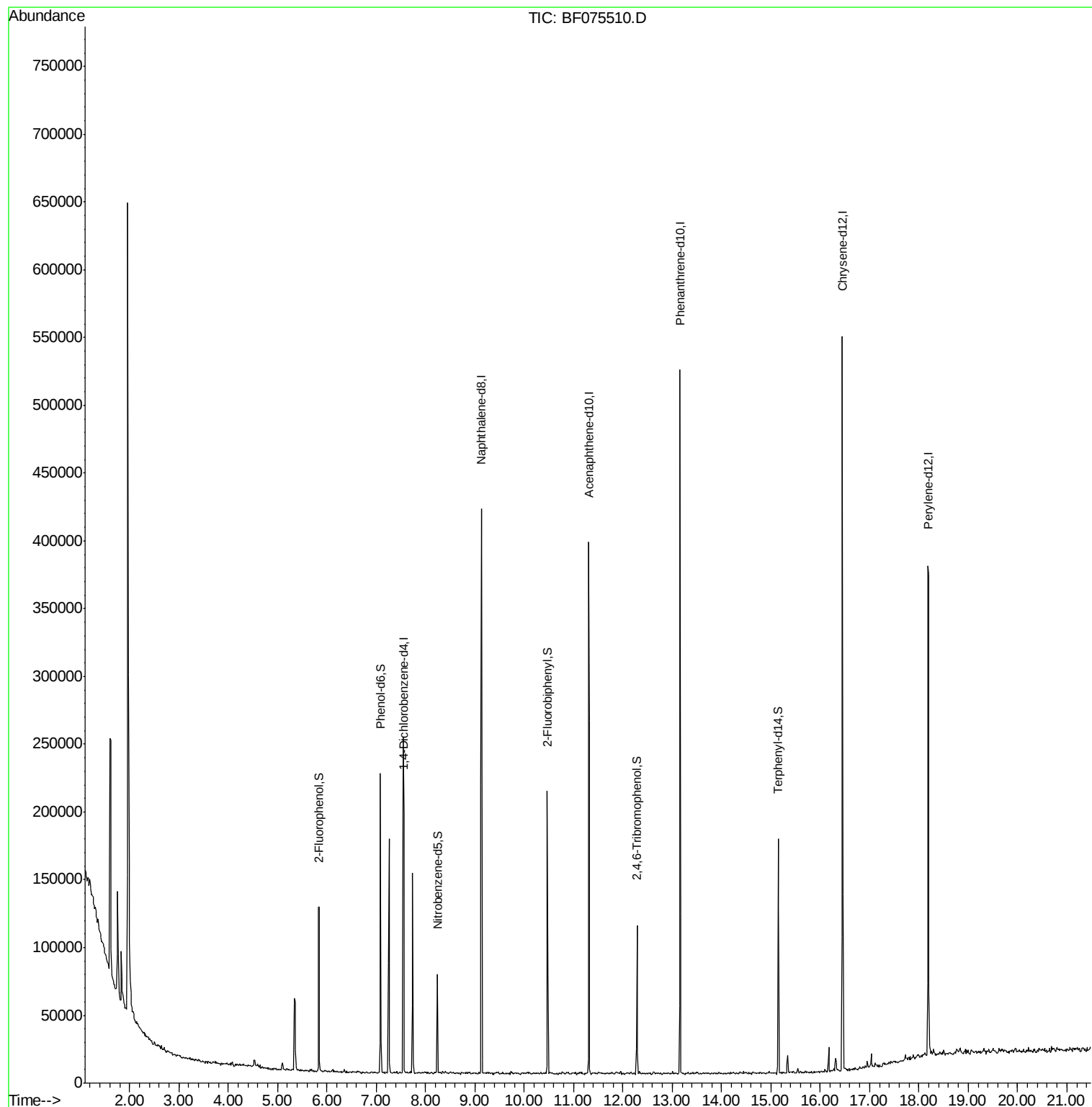
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF075510.D

Acq: 14 Nov 2014 22:55

Instrument :

BNA_F

ClientSampleId :

PB80231BL

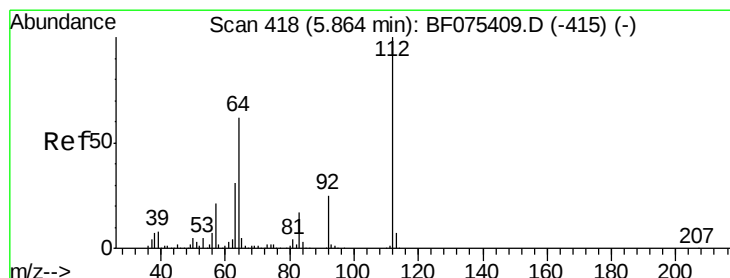
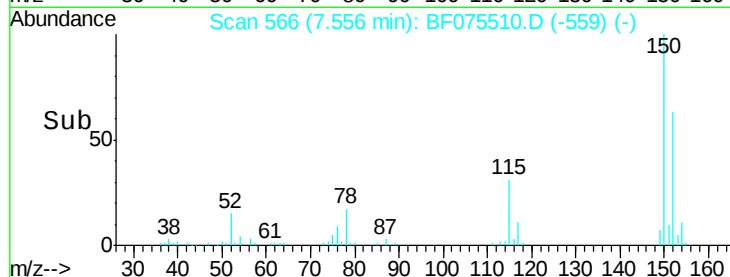
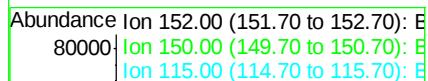
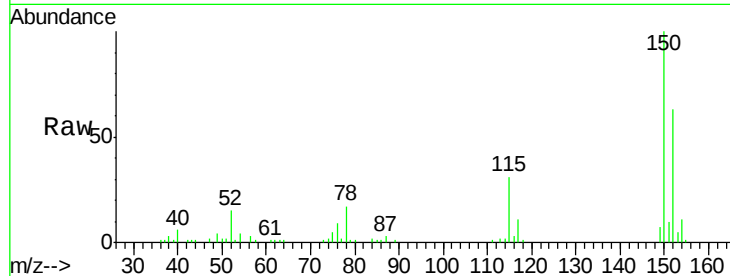
Tgt Ion:152 Resp: 51116

Ion Ratio Lower Upper

152 100

150 157.5 127.2 190.8

115 49.1 57.1 85.7#



#5

2-Fluorophenol

Concen: 18.21 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075510.D

Acq: 14 Nov 2014 22:55

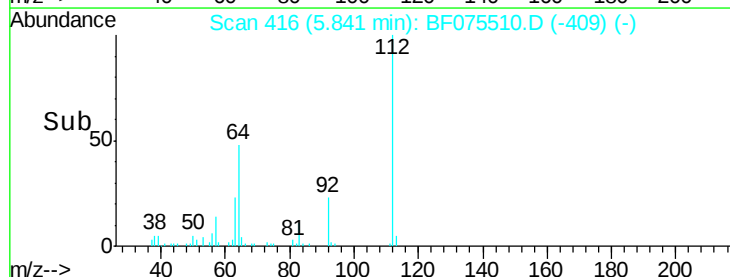
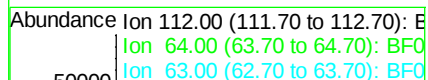
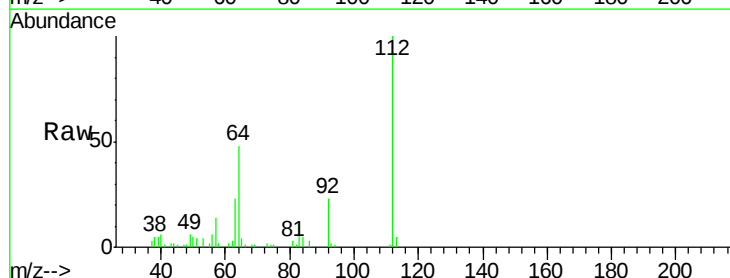
Tgt Ion:112 Resp: 52678

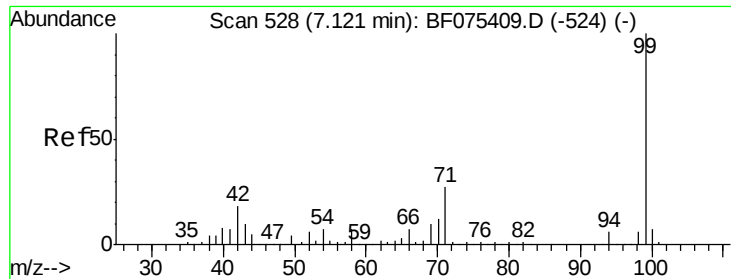
Ion Ratio Lower Upper

112 100

64 47.9 45.8 68.6

63 22.9 22.7 34.1





#7

Phenol-d6

Concen: 19.88 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075510.D

Acq: 14 Nov 2014 22:55

Instrument :

BNA_F

ClientSampleId :

PB80231BL

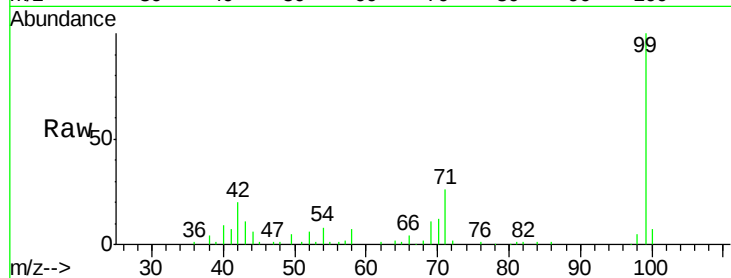
Tgt Ion: 99 Resp: 69173

Ion Ratio Lower Upper

99 100

42 20.0 19.8 29.6

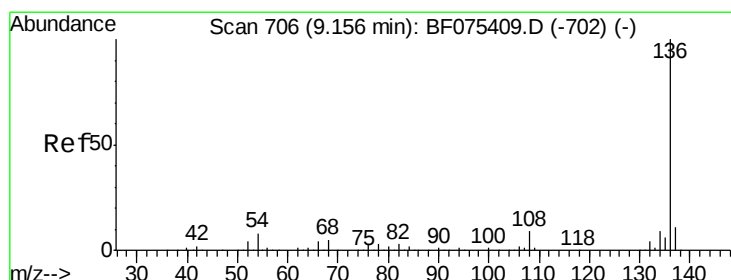
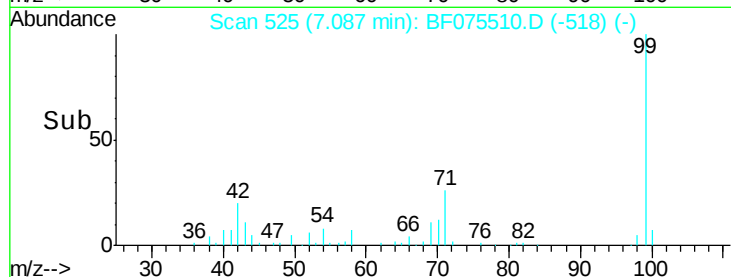
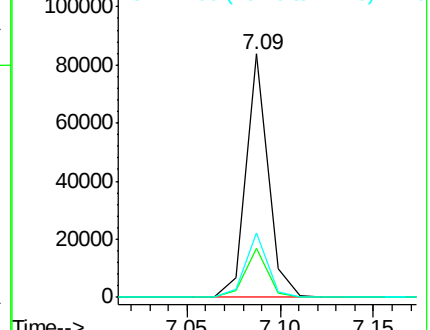
71 26.3 25.5 38.3



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: BF075510.D

Acq: 14 Nov 2014 22:55

Tgt Ion: 136 Resp: 220994

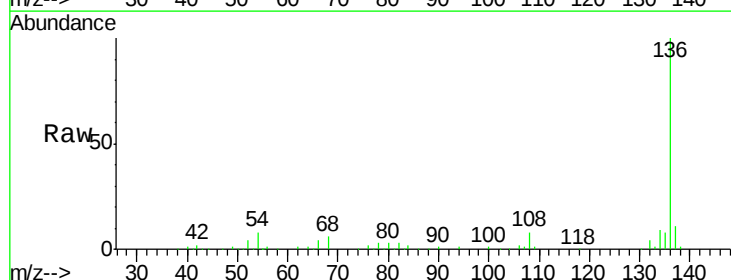
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 7.8 6.2 9.4

68 5.8 3.4 5.2#

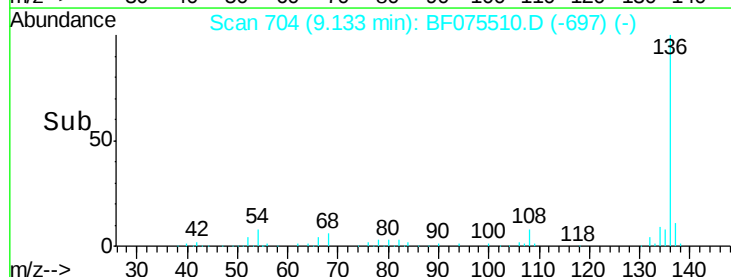
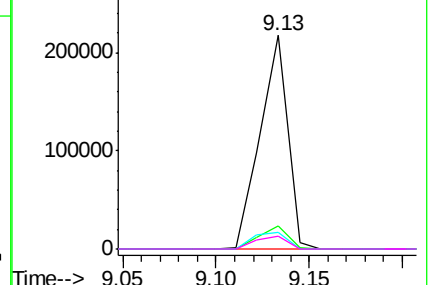


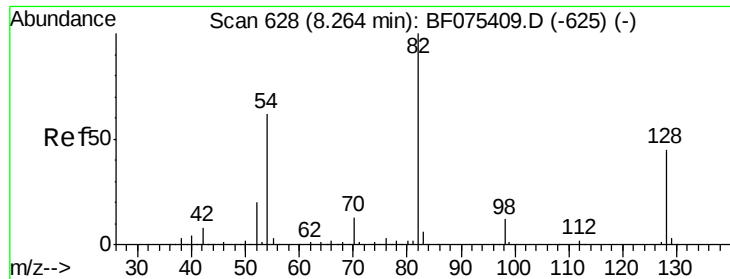
Abundance Ion 136.00 (135.70 to 136.70): E

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

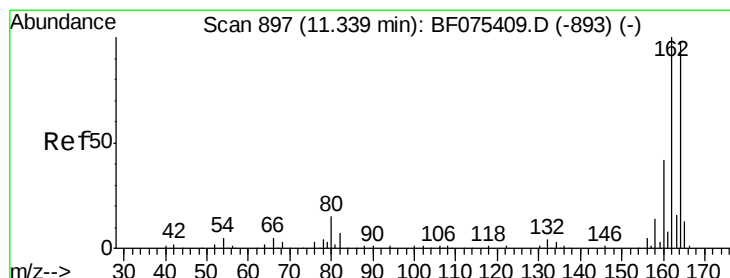
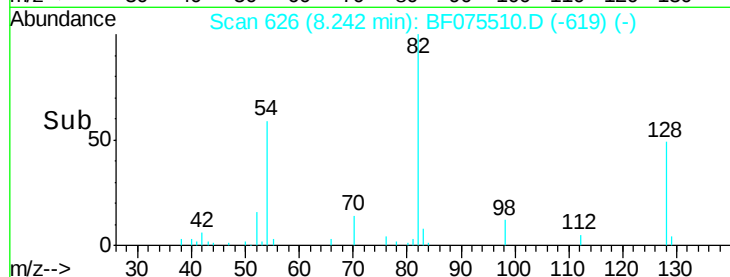
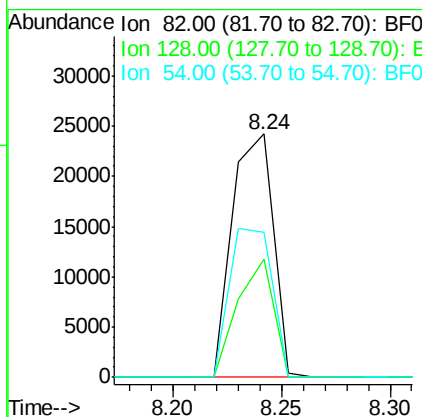
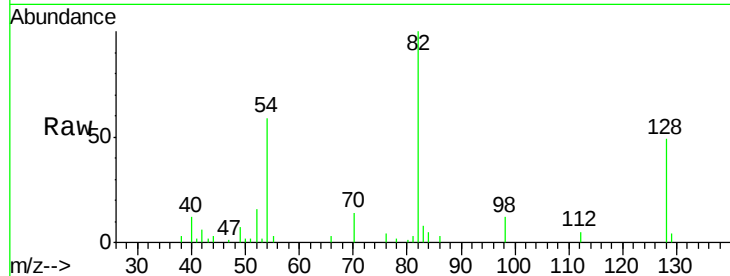




#23
Nitrobenzene-d5
Concen: 10.51 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075510.D
Acq: 14 Nov 2014 22:55

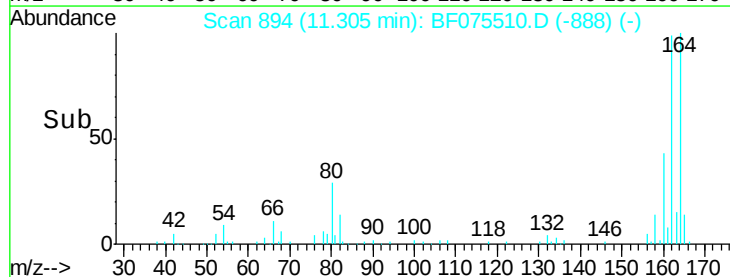
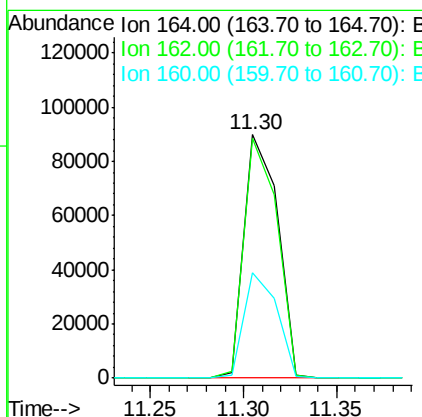
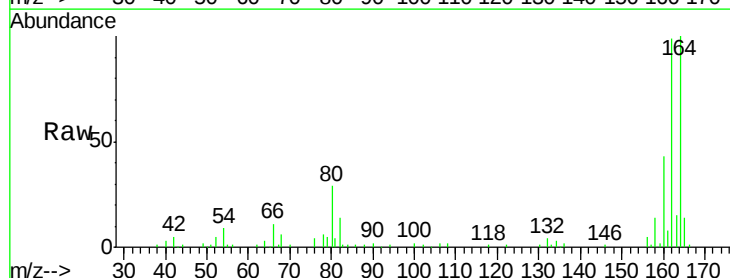
Instrument :
BNA_F
ClientSampleId :
PB80231BL

Tgt Ion: 82 Resp: 31671
Ion Ratio Lower Upper
82 100
128 48.8 37.8 56.6
54 59.5 49.8 74.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF075510.D
Acq: 14 Nov 2014 22:55

Tgt Ion:164 Resp: 112516
Ion Ratio Lower Upper
164 100
162 98.7 79.1 118.7
160 43.4 34.6 51.8

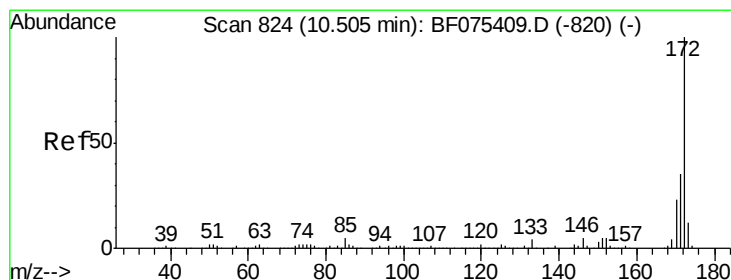
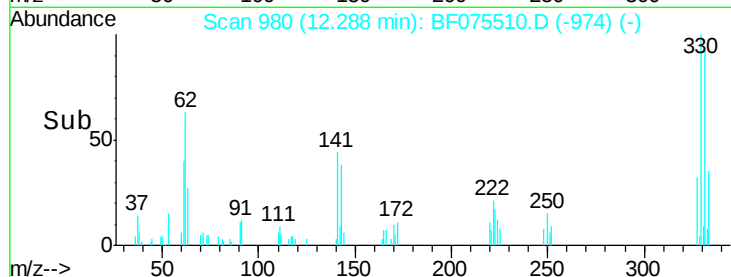
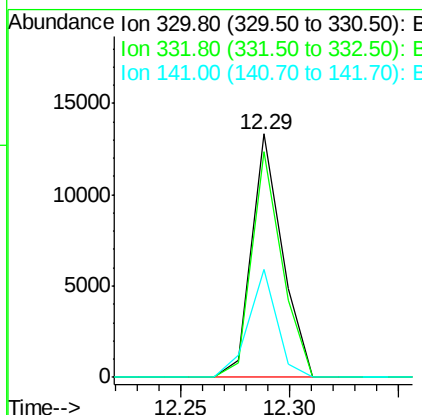
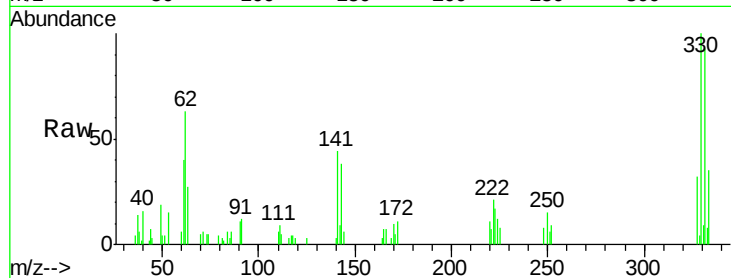




#41
 2,4,6-Tribromophenol
 Concen: 13.92 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075510.D
 Acq: 14 Nov 2014 22:55

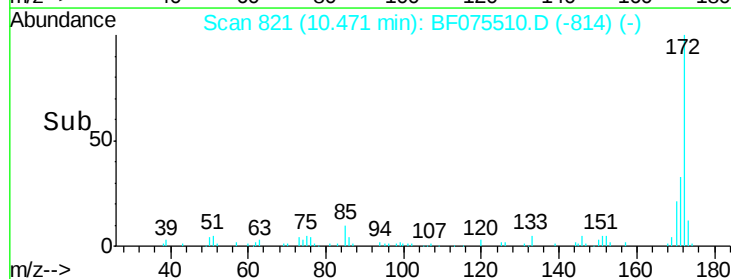
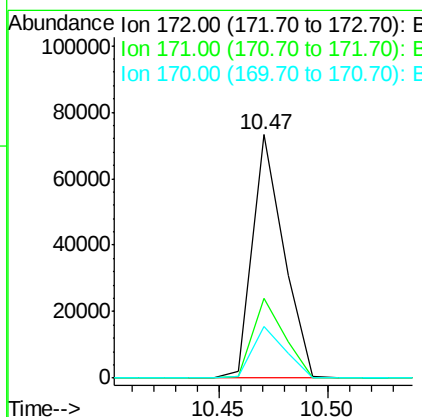
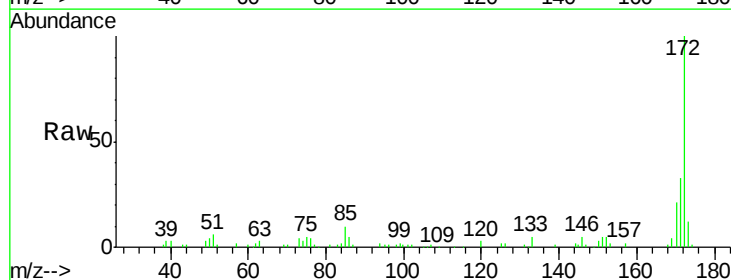
Instrument :
 BNA_F
 ClientSampleId :
 PB80231BL

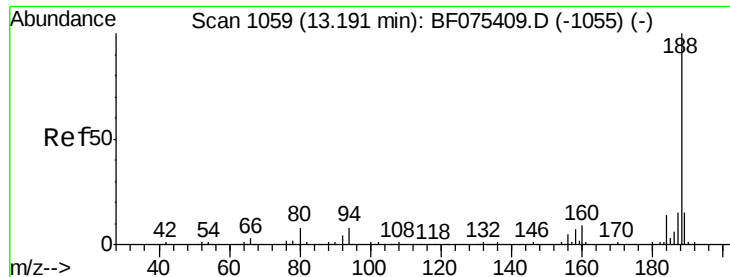
Tgt Ion:330 Resp: 13116
 Ion Ratio Lower Upper
 330 100
 332 91.0 74.5 111.7
 141 41.0 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 11.73 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075510.D
 Acq: 14 Nov 2014 22:55

Tgt Ion:172 Resp: 73031
 Ion Ratio Lower Upper
 172 100
 171 32.9 27.3 40.9
 170 21.0 18.4 27.6

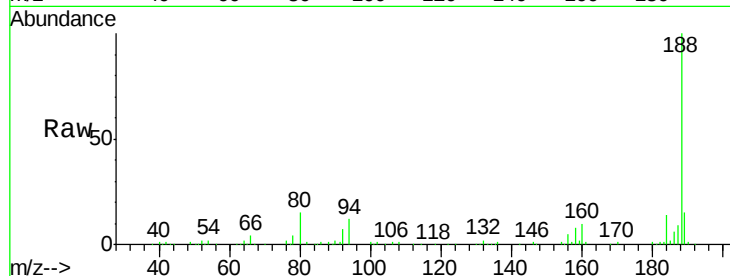




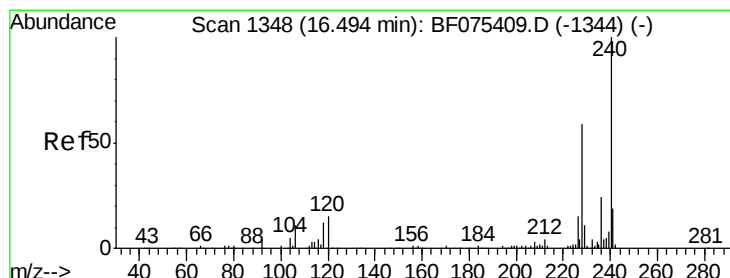
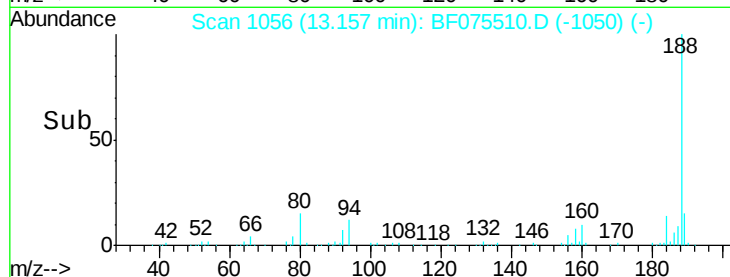
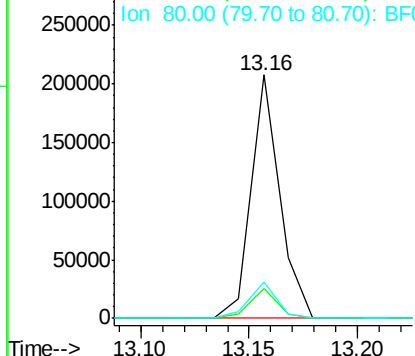
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075510.D
Acq: 14 Nov 2014 22:55

Instrument :
BNA_F
ClientSampleId :
PB80231BL

Tgt Ion:188 Resp: 190002
Ion Ratio Lower Upper
188 100
94 12.1 7.8 11.6#
80 14.8 8.0 12.0#

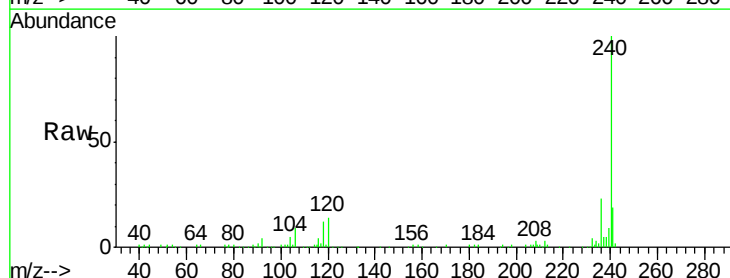


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

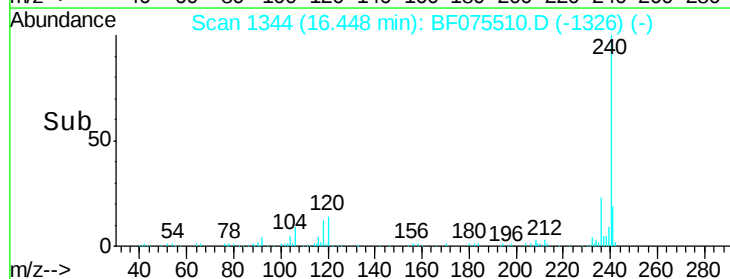
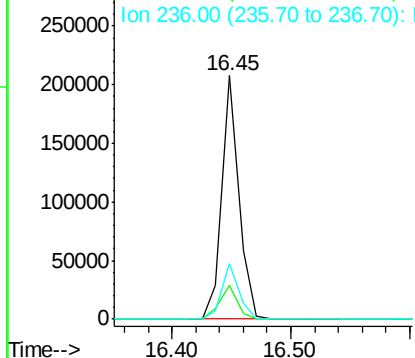


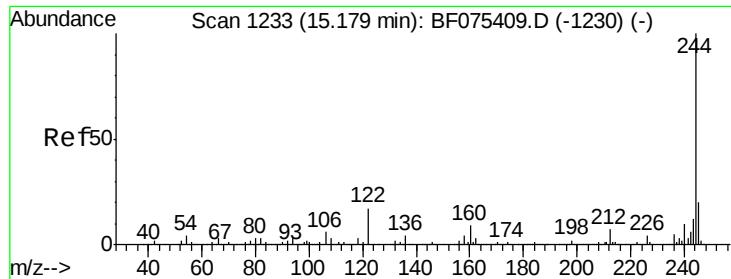
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.09 min
Lab File: BF075510.D
Acq: 14 Nov 2014 22:55

Tgt Ion:240 Resp: 205159
Ion Ratio Lower Upper
240 100
120 14.0 9.6 14.4
236 23.0 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

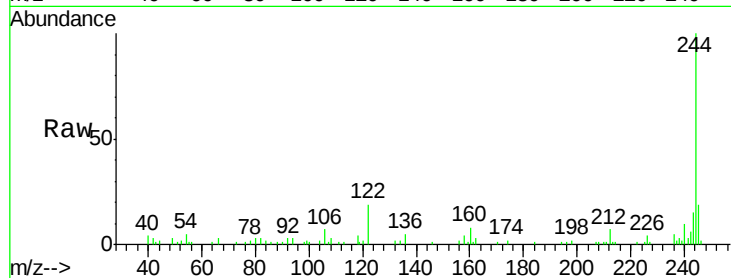




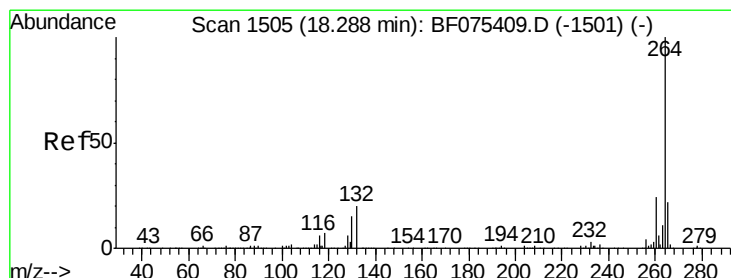
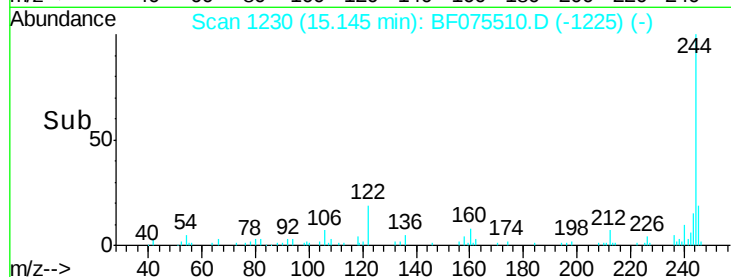
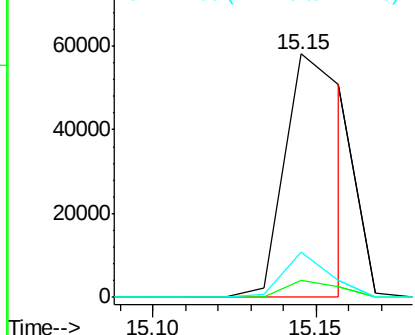
#78
 Terphenyl-d14
 Concen: 10.02 ng
 RT: 15.15 min Scan# 1230
 Delta R.T. -0.05 min
 Lab File: BF075510.D
 Acq: 14 Nov 2014 22:55

Instrument :
 BNA_F
 ClientSampleId :
 PB80231BL

Tgt Ion:244 Resp: 76371
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 18.6 9.7 14.5#

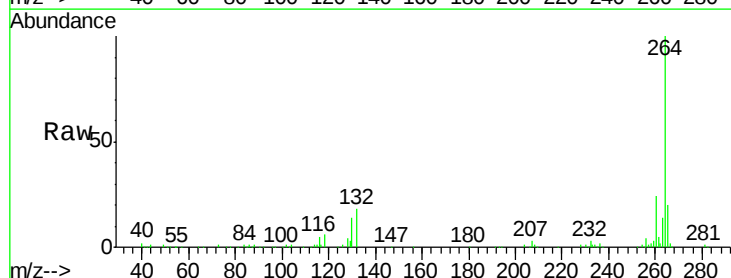


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.24 min
 Lab File: BF075510.D
 Acq: 14 Nov 2014 22:55

Tgt Ion:264 Resp: 207641
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.9 26.9
 265 19.9 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

