

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075508.D
 Acq On : 14 Nov 2014 21:59
 Operator : TP / JJ
 Sample : PB80204BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80204BL

Quant Time: Nov 14 23:25:44 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	7.54	152	50020	20.00	ng	-0.03
21) Naphthalene-d8	9.13	136	205823	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	102363	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	170203	20.00	ng	-0.03
75) Chrysene-d12	16.47	240	176278	20.00	ng	-0.07
86) Perylene-d12	18.27	264	176721	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	424480	149.92	ng	-0.02
7) Phenol-d6	7.09	99	497519	146.12	ng	-0.02
23) Nitrobenzene-d5	8.24	82	285866	101.83	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	110041	128.35	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	548768	96.87	ng	-0.02
78) Terphenyl-d14	15.16	244	562786	85.95	ng	-0.03

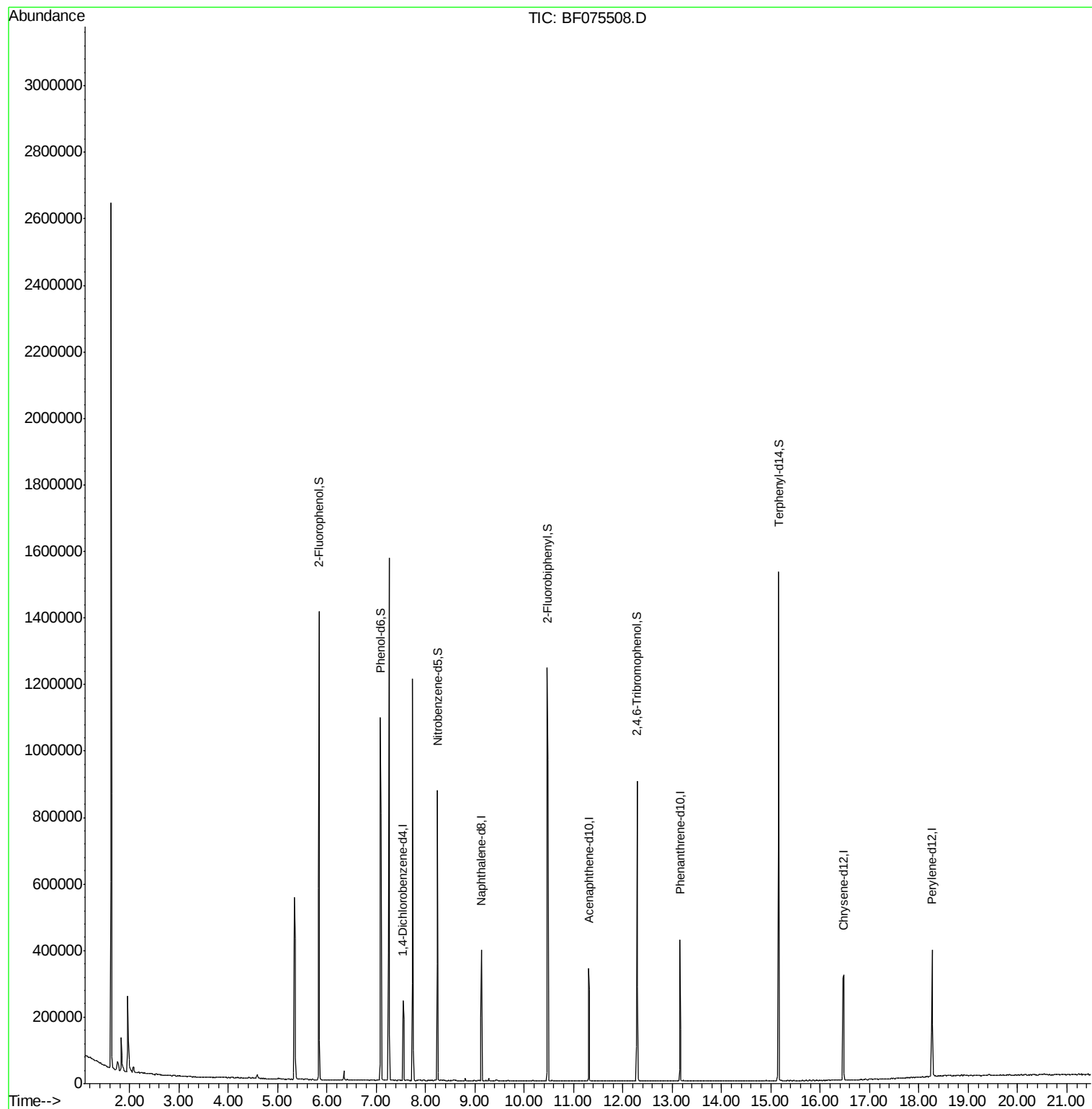
Target Compounds	Qvalue
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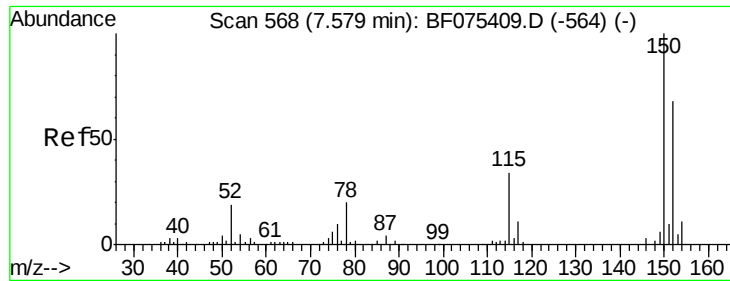
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 12 18:46:55 2014
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 565

Delta R.T. -0.03 min

Lab File: BF075508.D

Acq: 14 Nov 2014 21:59

Instrument :

BNA_F

ClientSampleId :

PB80204BL

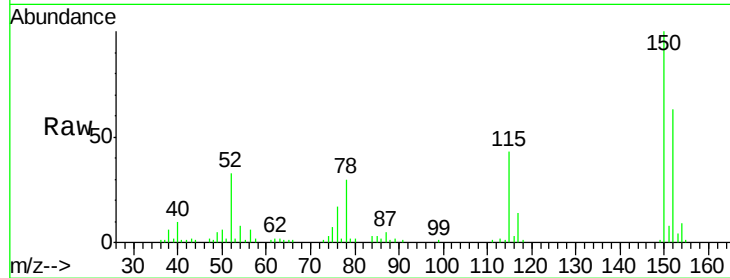
Tgt Ion:152 Resp: 50020

Ion Ratio Lower Upper

152 100

150 159.9 127.2 190.8

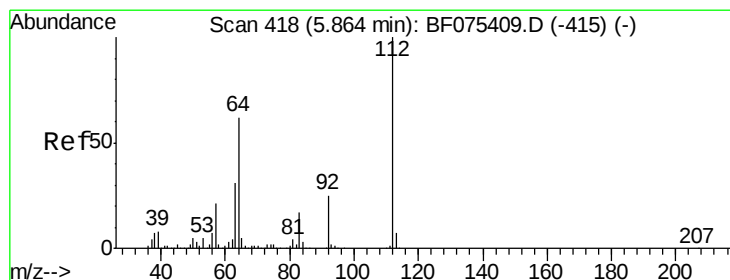
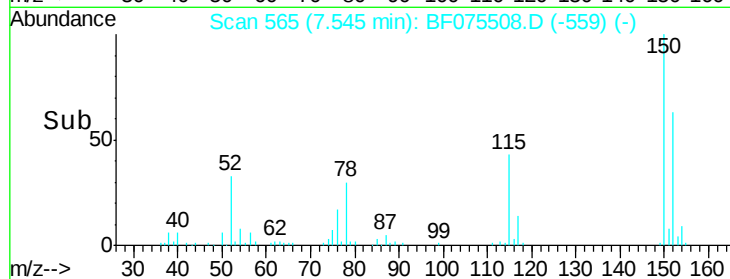
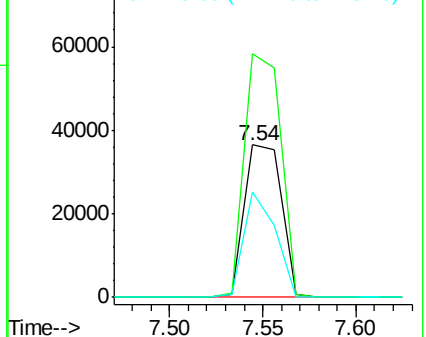
115 69.2 57.1 85.7



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: 149.92 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075508.D

Acq: 14 Nov 2014 21:59

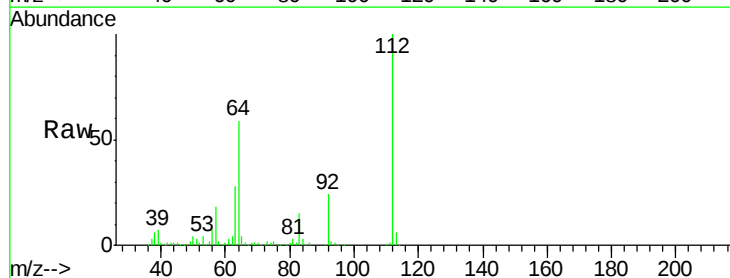
Tgt Ion:112 Resp: 424480

Ion Ratio Lower Upper

112 100

64 58.5 45.8 68.6

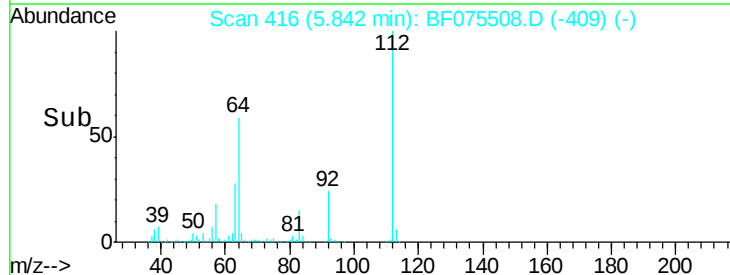
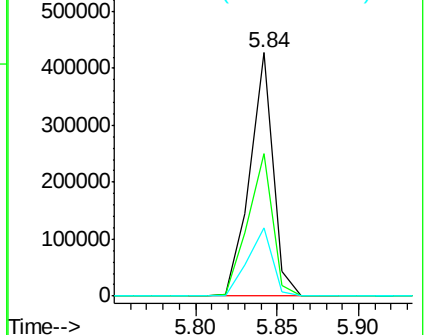
63 28.1 22.7 34.1

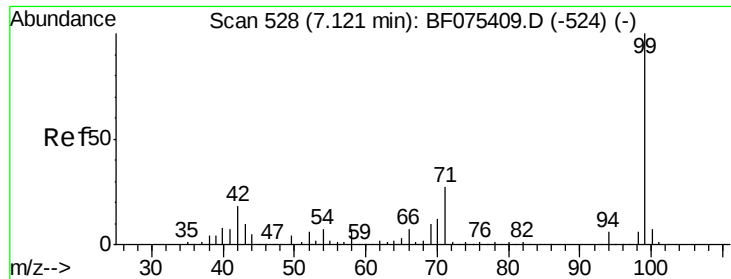


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.12 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075508.D

Acq: 14 Nov 2014 21:59

Instrument :

BNA_F

ClientSampleId :

PB80204BL

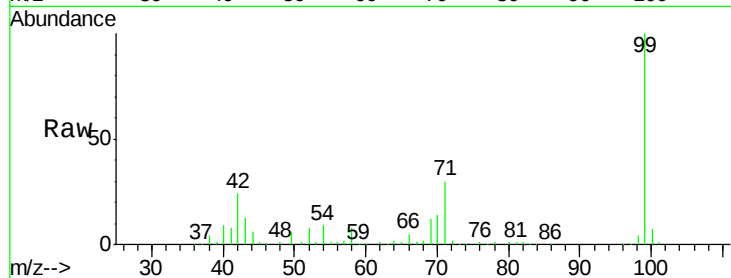
Tgt Ion: 99 Resp: 497519

Ion Ratio Lower Upper

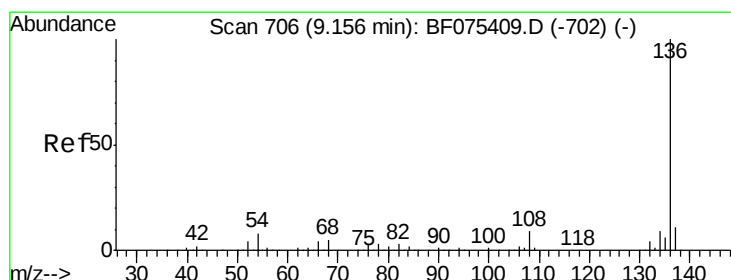
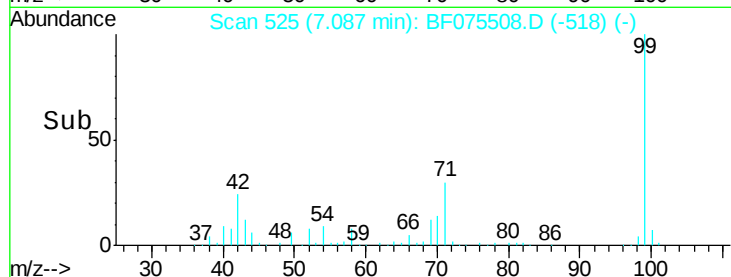
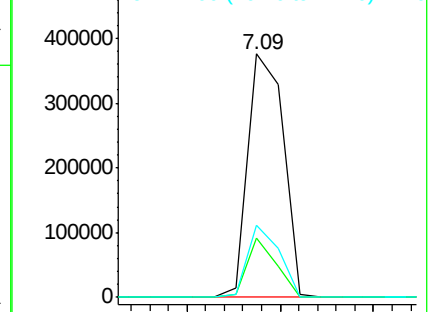
99 100

42 24.2 19.8 29.6

71 29.7 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: BF075508.D

Acq: 14 Nov 2014 21:59

Tgt Ion: 136 Resp: 205823

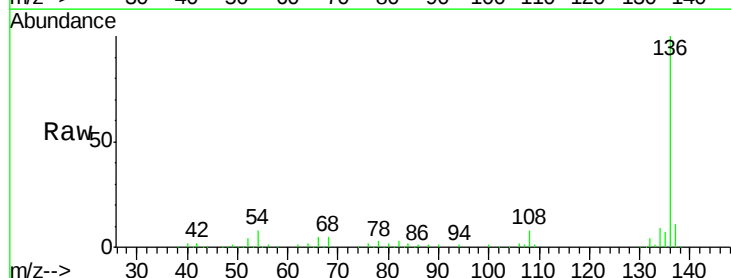
Ion Ratio Lower Upper

136 100

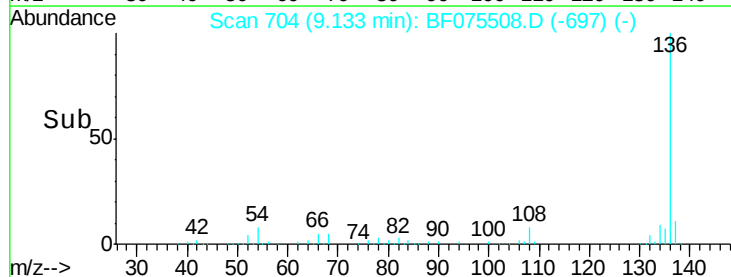
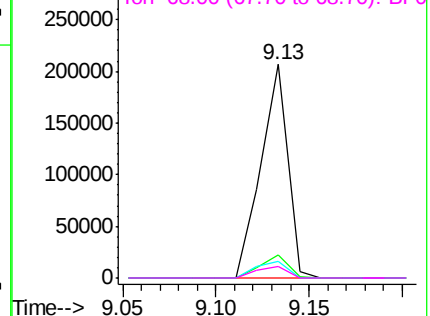
137 10.5 8.2 12.4

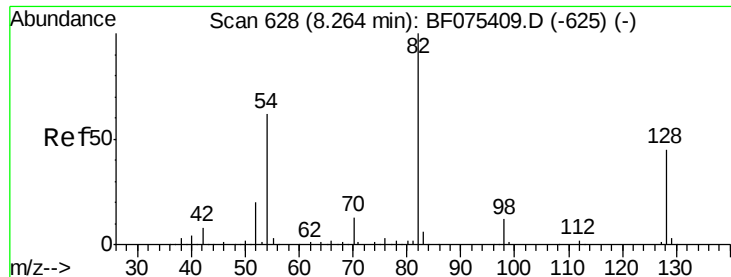
54 7.6 6.2 9.4

68 5.3 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

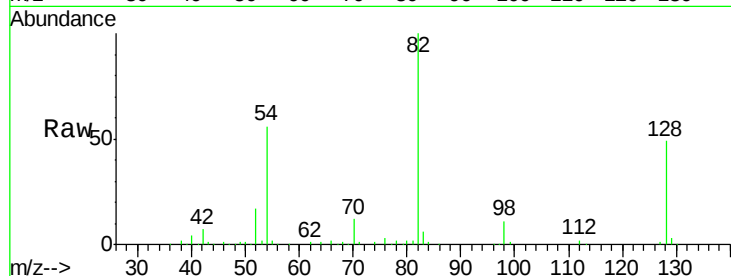




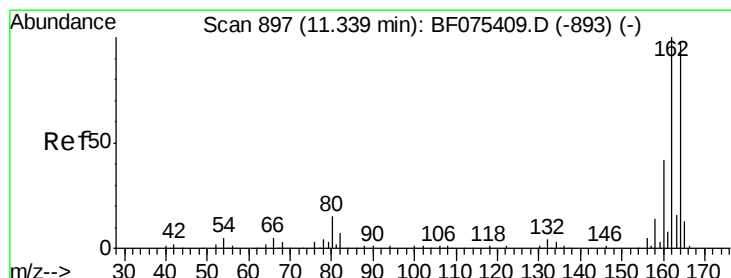
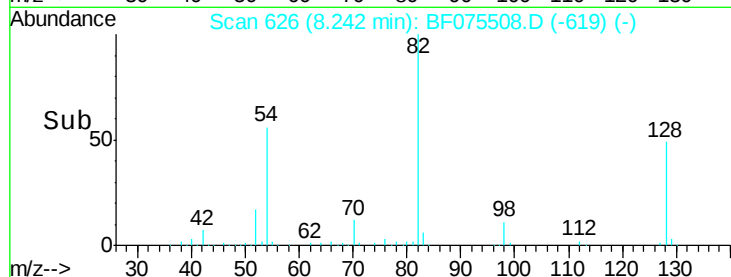
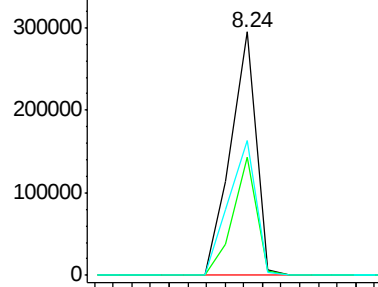
#23
Nitrobenzene-d5
Concen: 101.83 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075508.D
Acq: 14 Nov 2014 21:59

Instrument :
BNA_F
ClientSampleId :
PB80204BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.8	56.6
54	55.6	49.8	74.8

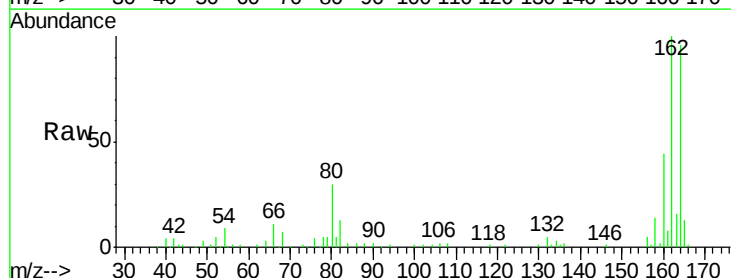


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

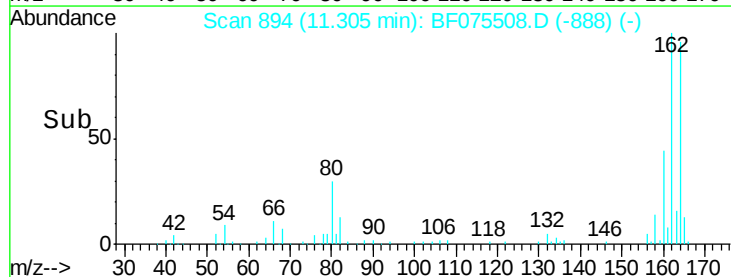
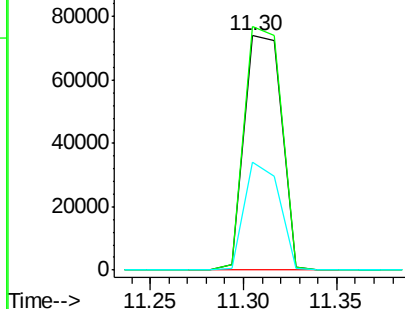


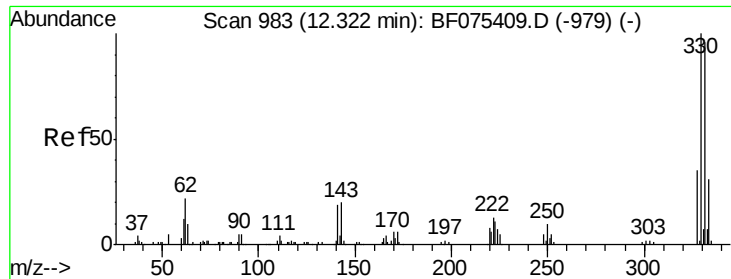
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF075508.D
Acq: 14 Nov 2014 21:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	79.1	118.7
160	45.8	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

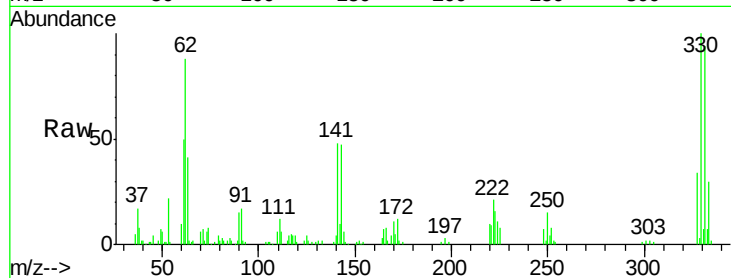




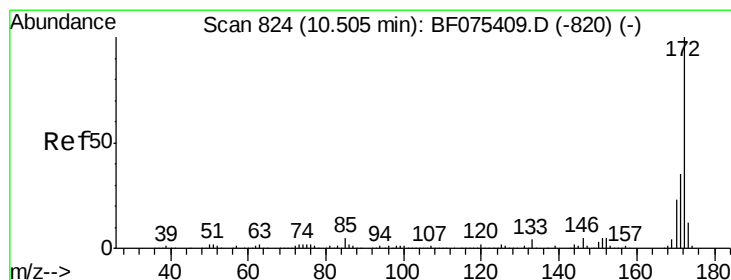
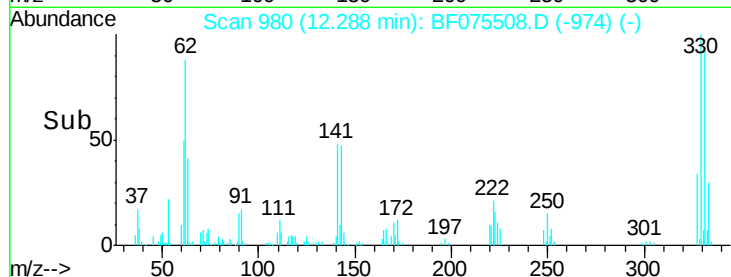
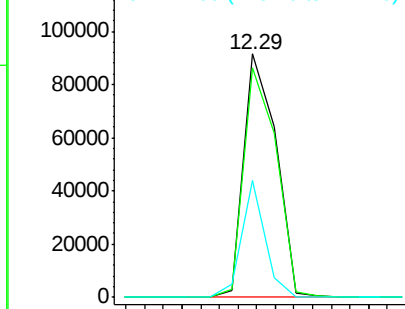
#41
 2,4,6-Tribromophenol
 Concen: 128.35 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075508.D
 Acq: 14 Nov 2014 21:59

Instrument :
 BNA_F
 ClientSampleId :
 PB80204BL

Tgt Ion:330 Resp: 110041
 Ion Ratio Lower Upper
 330 100
 332 95.4 74.5 111.7
 141 35.3 30.7 46.1

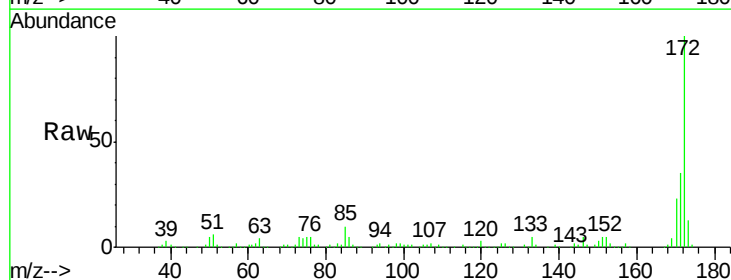


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

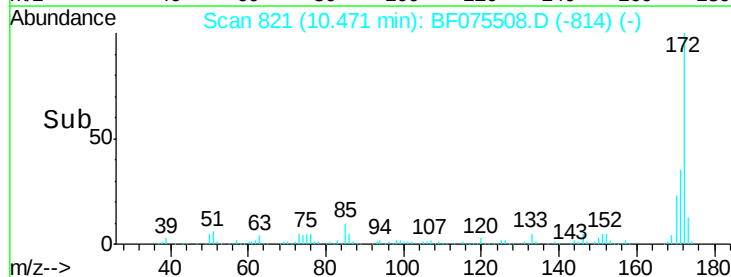
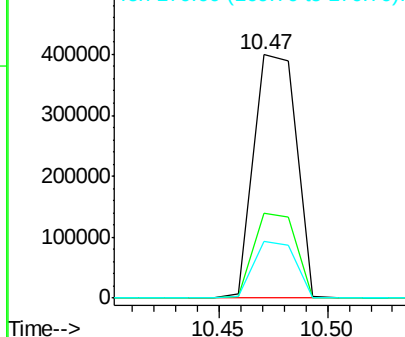


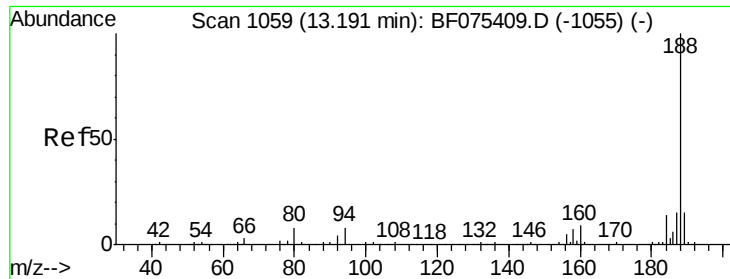
#44
 2-Fluorobiphenyl
 Concen: 96.87 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075508.D
 Acq: 14 Nov 2014 21:59

Tgt Ion:172 Resp: 548768
 Ion Ratio Lower Upper
 172 100
 171 34.8 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

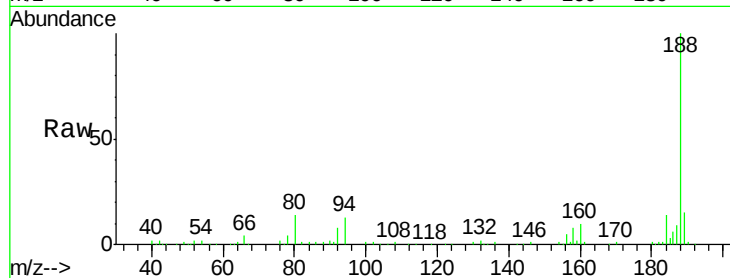




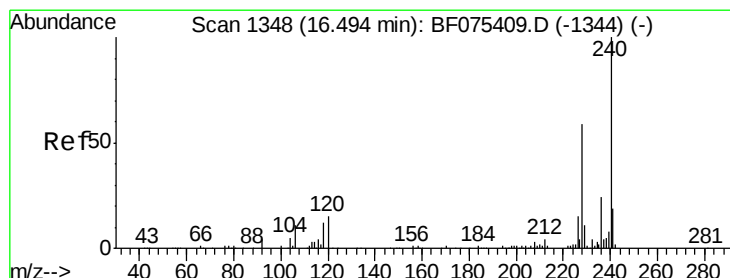
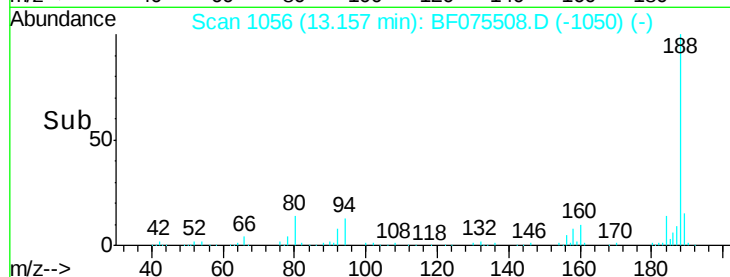
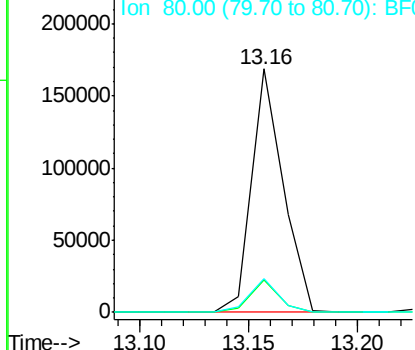
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075508.D
Acq: 14 Nov 2014 21:59

Instrument :
BNA_F
ClientSampleId :
PB80204BL

Tgt Ion:188 Resp: 170203
Ion Ratio Lower Upper
188 100
94 13.4 7.8 11.6#
80 13.9 8.0 12.0#

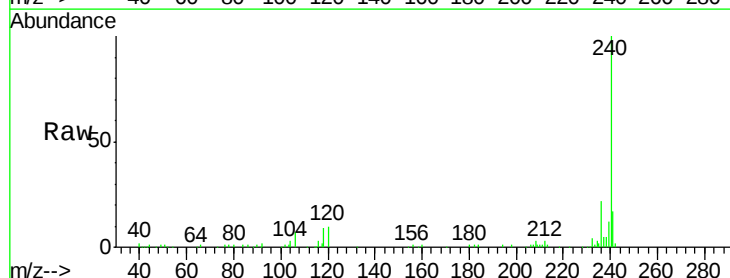


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

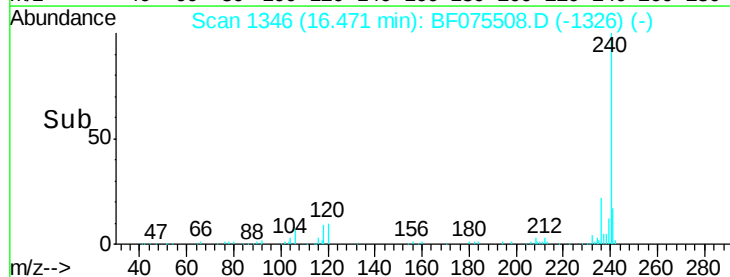
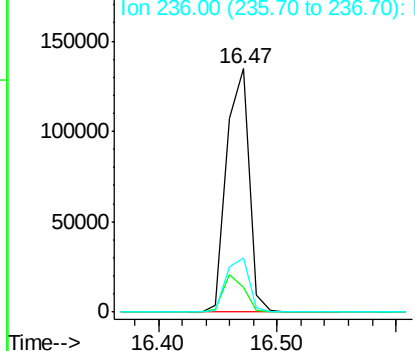


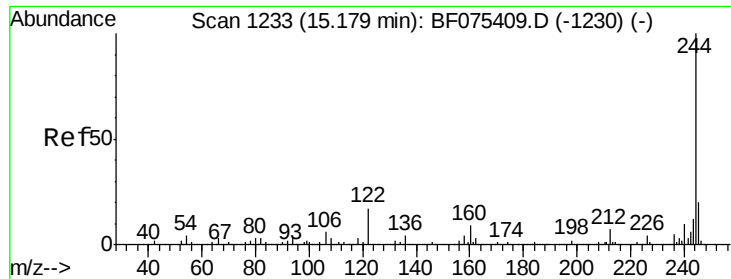
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.07 min
Lab File: BF075508.D
Acq: 14 Nov 2014 21:59

Tgt Ion:240 Resp: 176278
Ion Ratio Lower Upper
240 100
120 10.4 9.6 14.4
236 22.2 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

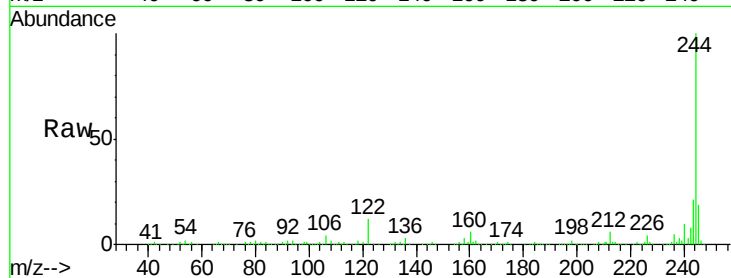




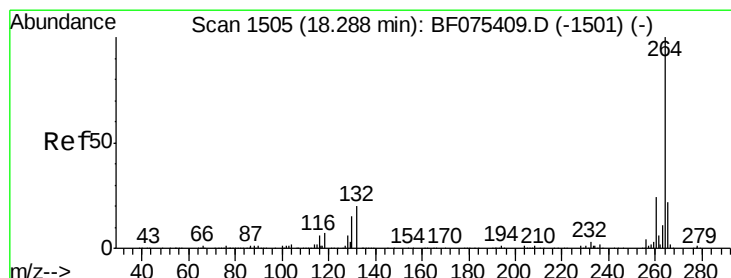
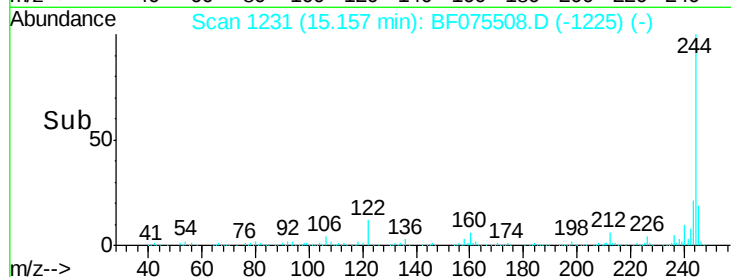
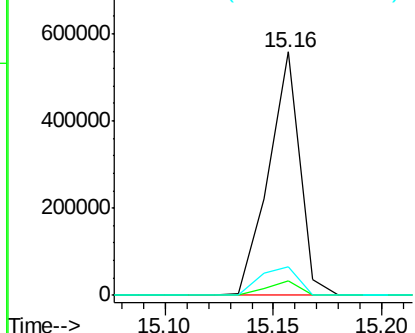
#78
 Terphenyl-d14
 Concen: 85.95 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075508.D
 Acq: 14 Nov 2014 21:59

Instrument :
 BNA_F
 ClientSampled :
 PB80204BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.5	8.3
122	11.5	9.7	14.5

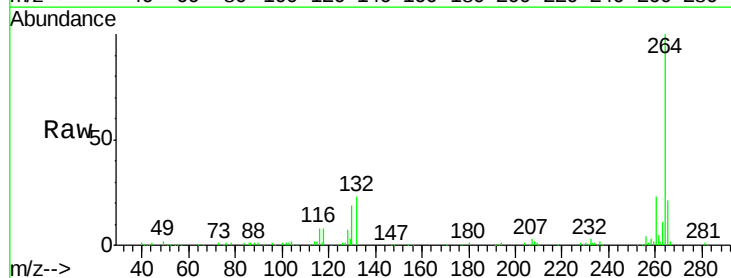


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 1503
 Delta R.T. -0.17 min
 Lab File: BF075508.D
 Acq: 14 Nov 2014 21:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	20.8	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

