

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075511.D
 Acq On : 14 Nov 2014 23:24
 Operator : TP / JJ
 Sample : PB80280BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BL

Quant Time: Nov 15 02:22:04 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	55551	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	239001	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	117441	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	195217	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	200872	20.00	ng	-0.08
86) Perylene-d12	18.22	264	197397	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	434510	138.18	ng	-0.02
7) Phenol-d6	7.09	99	525470	138.96	ng	-0.02
23) Nitrobenzene-d5	8.24	82	303894	93.22	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	118912	120.89	ng	-0.03
44) 2-Fluorobiphenyl	10.48	172	587499	90.39	ng	-0.01
78) Terphenyl-d14	15.16	244	589706	79.03	ng	-0.03

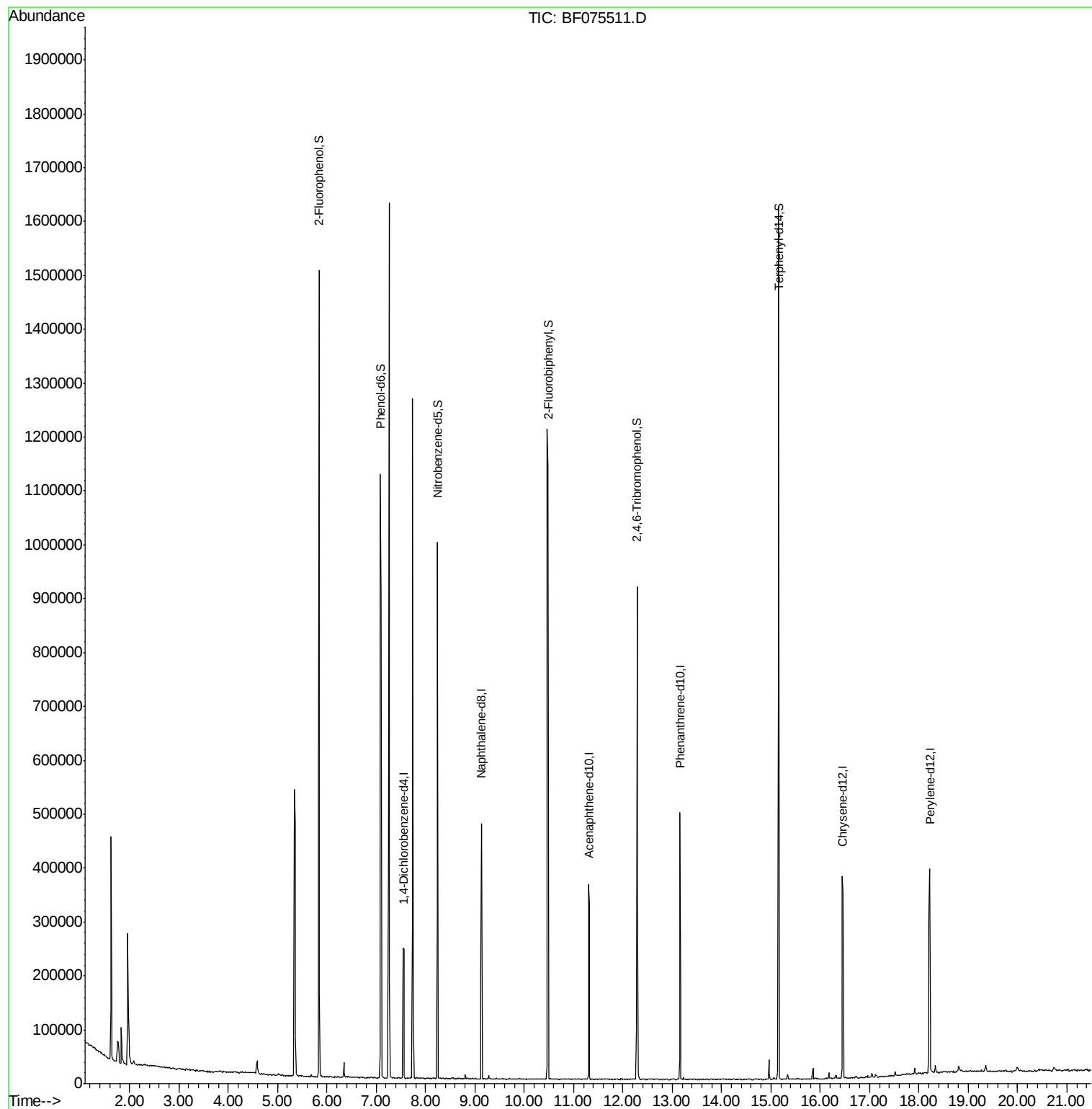
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075511.D

Acq: 14 Nov 2014 23:24

Instrument :

BNA_F

ClientSampleId :

PB80280BL

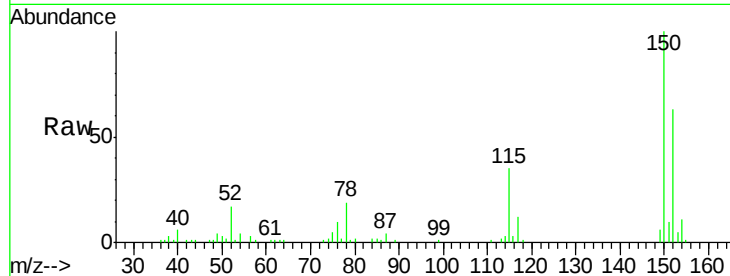
Tot Ion:152 Resp: 55551

Ion Ratio Lower Upper

152 100

150 157.7 127.2 190.8

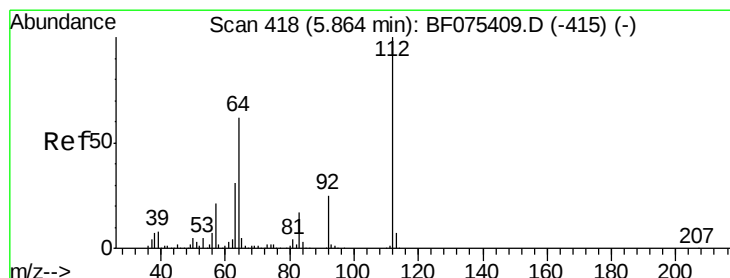
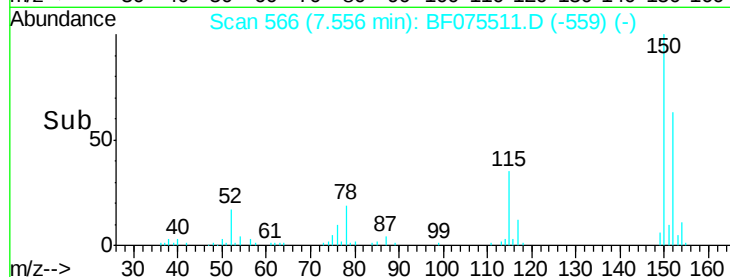
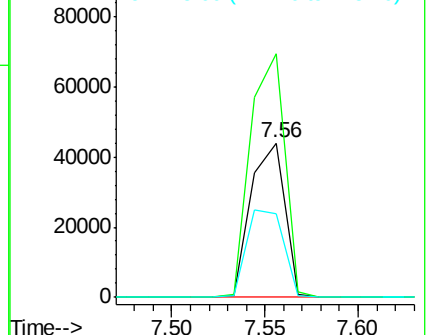
115 54.4 57.1 85.7#



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: 138.18 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075511.D

Acq: 14 Nov 2014 23:24

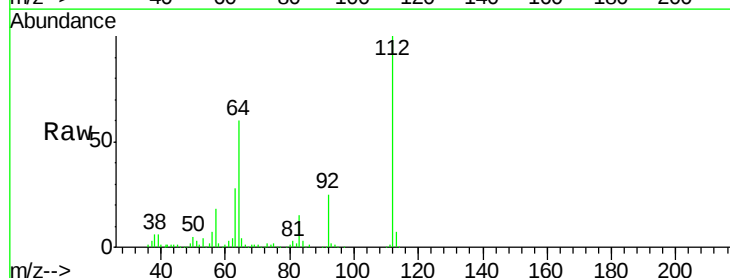
Tgt Ion:112 Resp: 434510

Ion Ratio Lower Upper

112 100

64 60.3 45.8 68.6

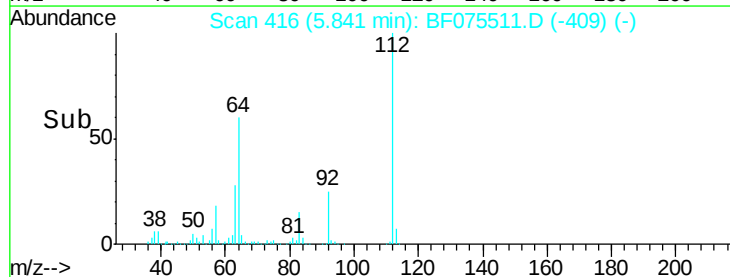
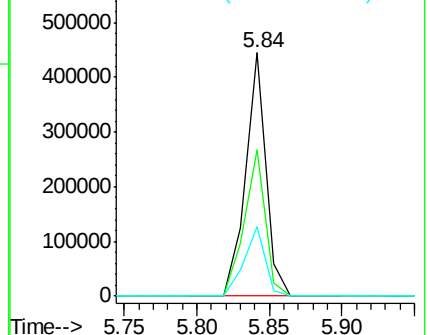
63 28.4 22.7 34.1

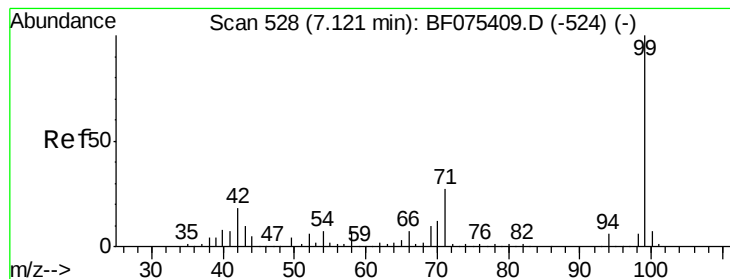


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.96 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075511.D

Acq: 14 Nov 2014 23:24

Instrument :

BNA_F

ClientSampleId :

PB80280BL

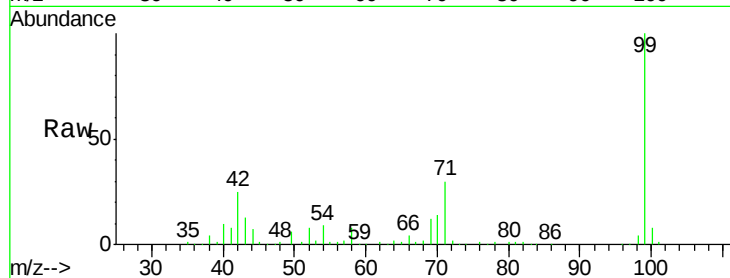
Tot Ion: 99 Resp: 525470

Ion Ratio Lower Upper

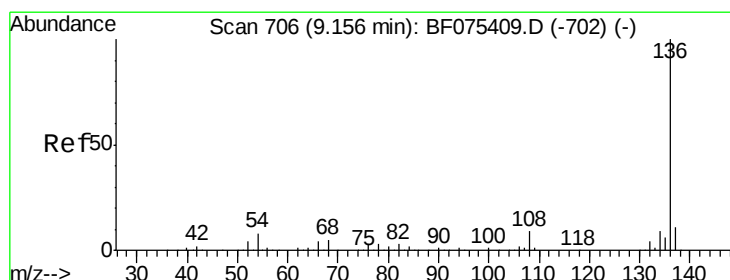
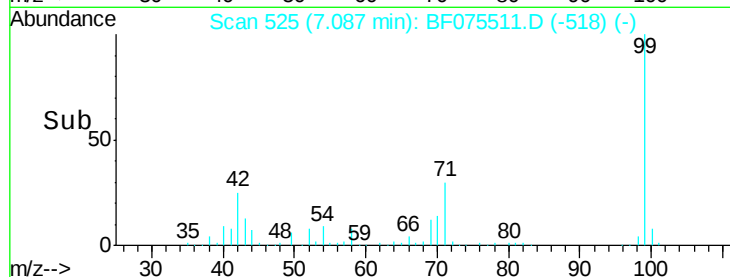
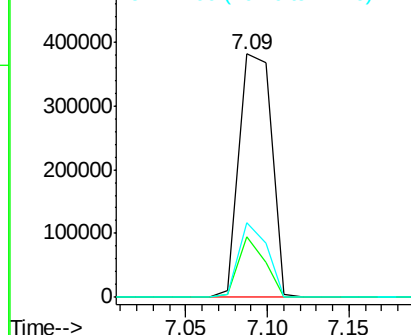
99 100

42 24.8 19.8 29.6

71 30.4 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. -0.02 min

Lab File: BF075511.D

Acq: 14 Nov 2014 23:24

Tgt Ion: 136 Resp: 239001

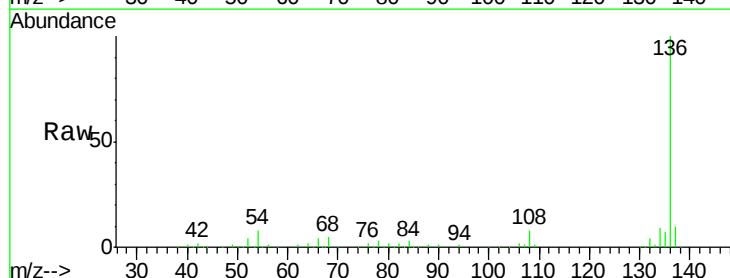
Ion Ratio Lower Upper

136 100

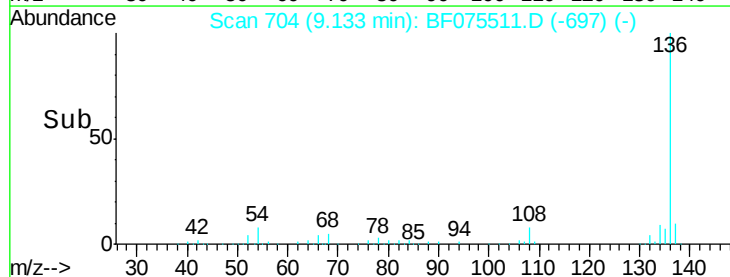
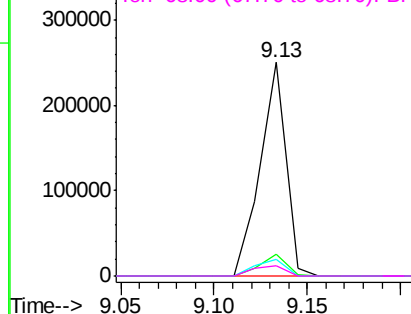
137 10.4 8.2 12.4

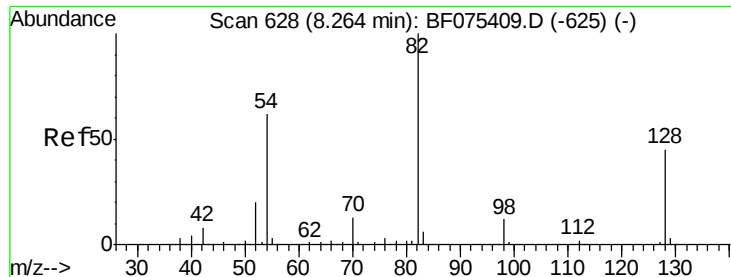
54 7.9 6.2 9.4

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

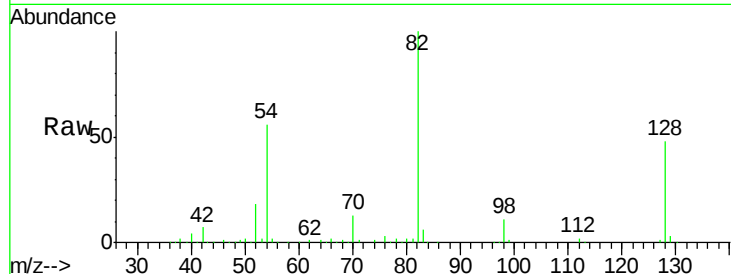




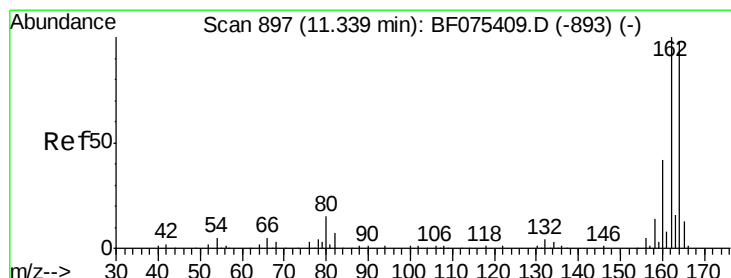
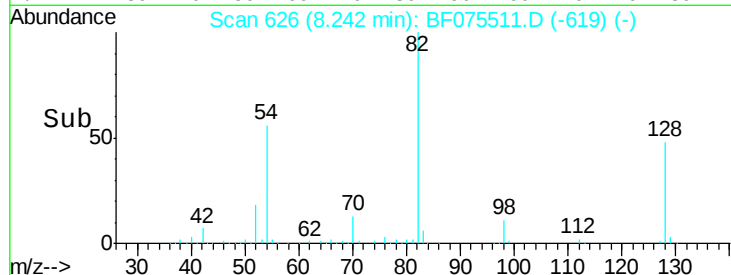
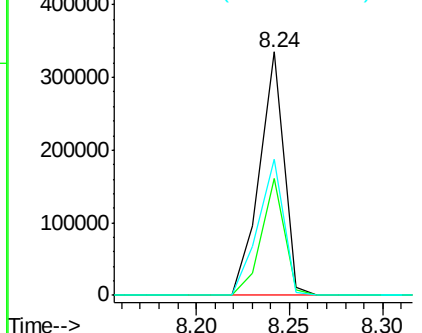
#23
 Nitrobenzene-d5
 Concen: 93.22 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075511.D
 Acq: 14 Nov 2014 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BL

Tot Ion	82	Resp	303894
Ion Ratio	Lower	Upper	
82	100		
128	48.2	37.8	56.6
54	56.1	49.8	74.8

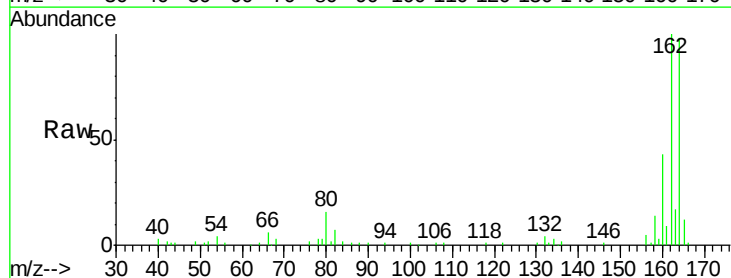


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

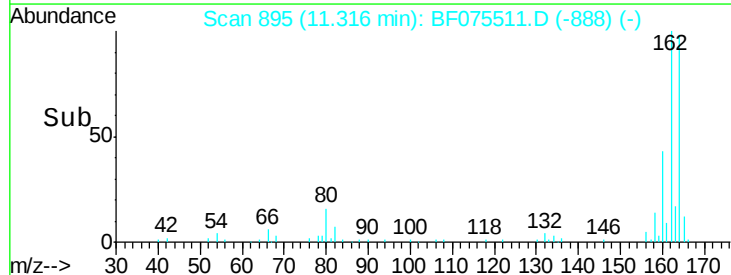
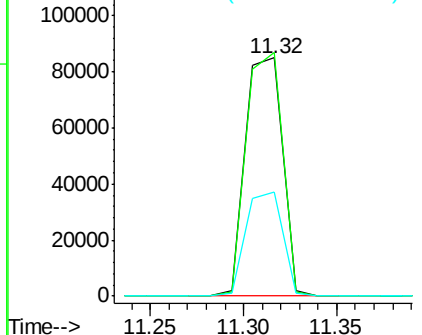


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF075511.D
 Acq: 14 Nov 2014 23:24

Tgt Ion	164	Resp	117441
Ion Ratio	Lower	Upper	
164	100		
162	102.2	79.1	118.7
160	43.9	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

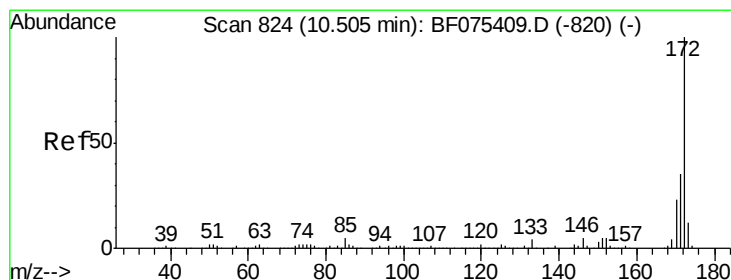
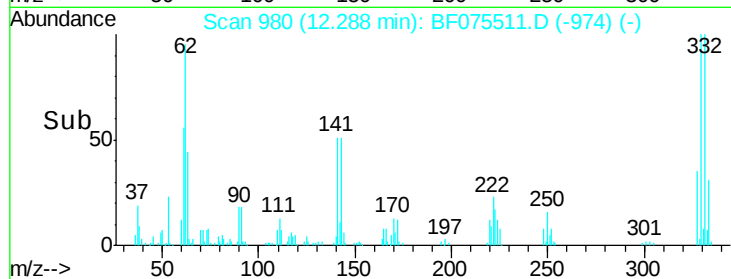
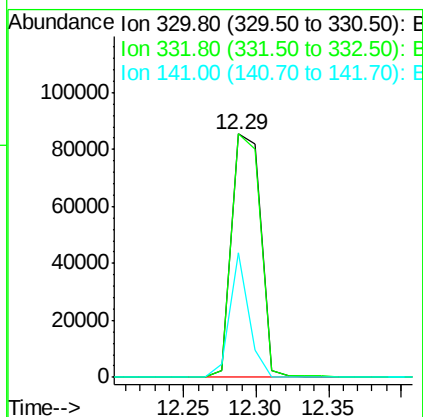
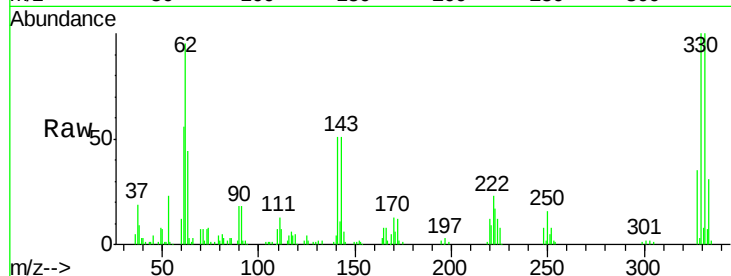




#41
 2,4,6-Tribromophenol
 Concen: 120.89 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075511.D
 Acq: 14 Nov 2014 23:24

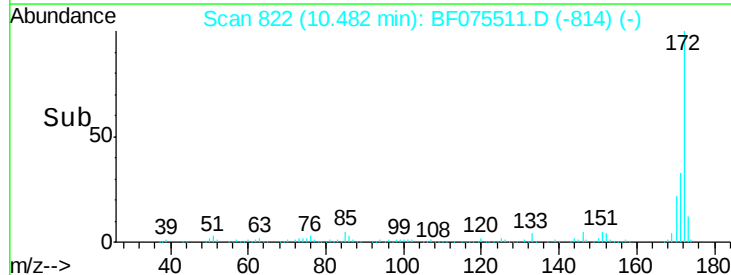
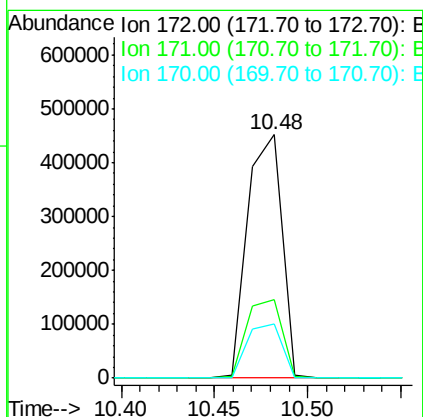
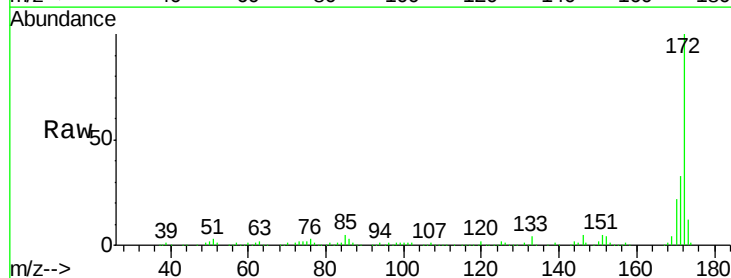
Instrument :
 BNA_F
 ClientSampleId :
 PB80280BL

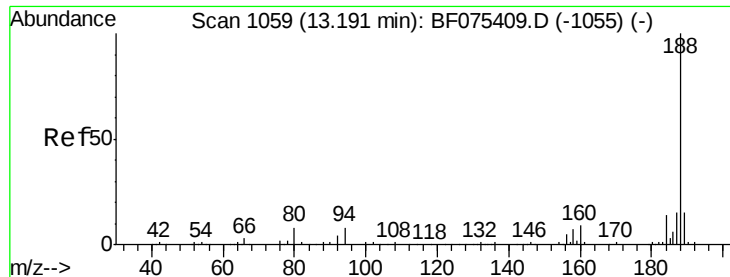
Tot Ion:330 Resp: 118912
 Ion Ratio Lower Upper
 330 100
 332 98.9 74.5 111.7
 141 33.6 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 90.39 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075511.D
 Acq: 14 Nov 2014 23:24

Tgt Ion:172 Resp: 587499
 Ion Ratio Lower Upper
 172 100
 171 32.5 27.3 40.9
 170 22.4 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: BF075511.D

Acq: 14 Nov 2014 23:24

Instrument :

BNA_F

ClientSampleId :

PB80280BL

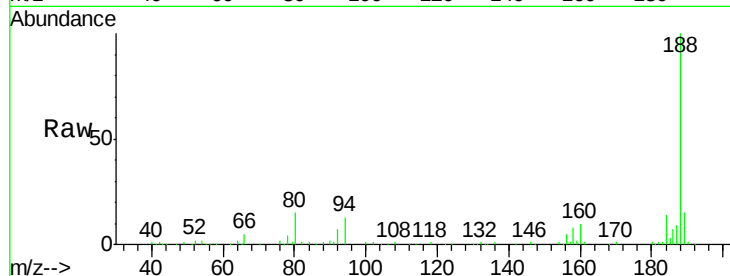
Tot Ion:188 Resp: 195217

Ion Ratio Lower Upper

188 100

94 12.8 7.8 11.6#

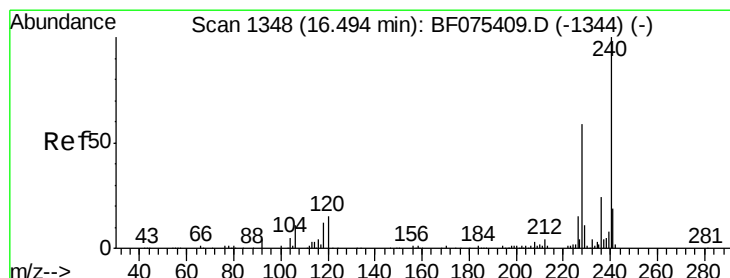
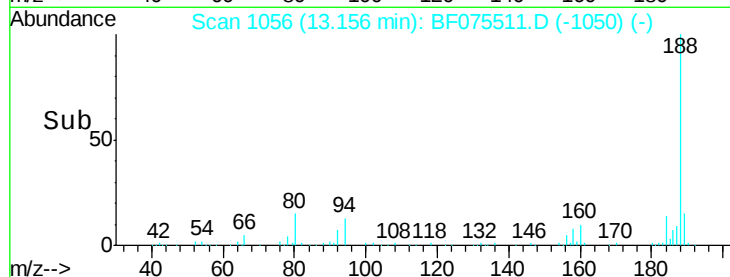
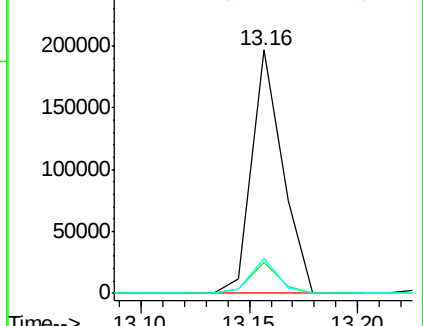
80 14.5 8.0 12.0#



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: 16.46 min Scan# 1345

Delta R.T. -0.08 min

Lab File: BF075511.D

Acq: 14 Nov 2014 23:24

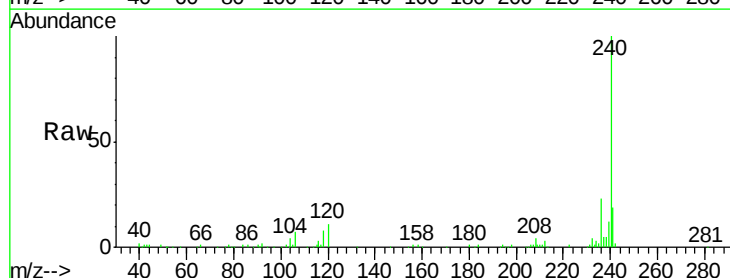
Tgt Ion:240 Resp: 200872

Ion Ratio Lower Upper

240 100

120 10.5 9.6 14.4

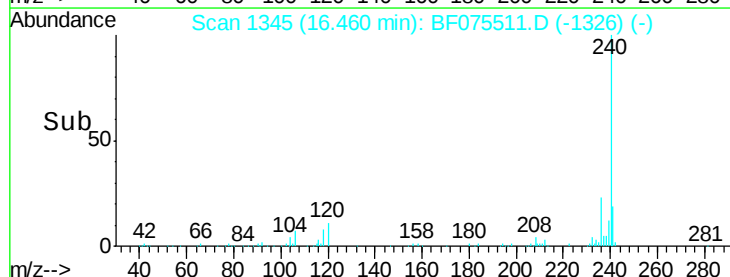
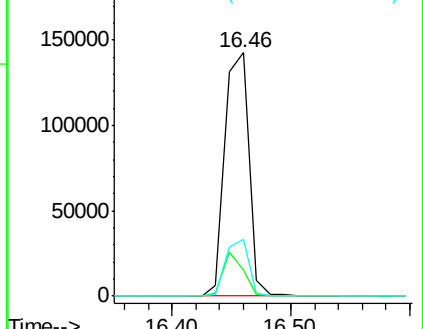
236 23.4 18.9 28.3

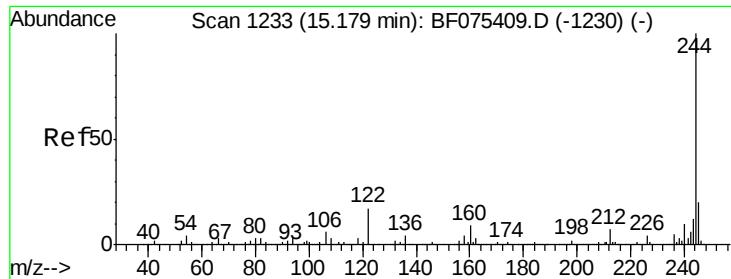


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

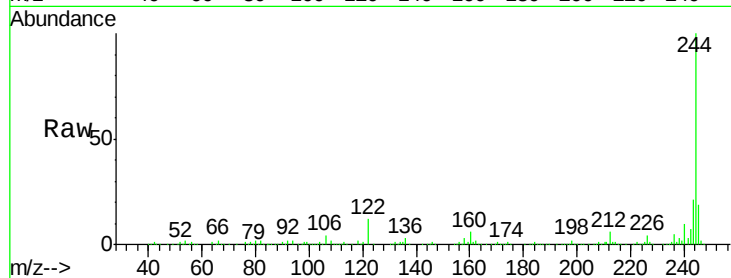




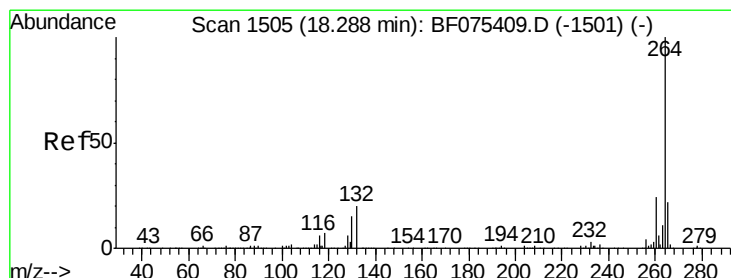
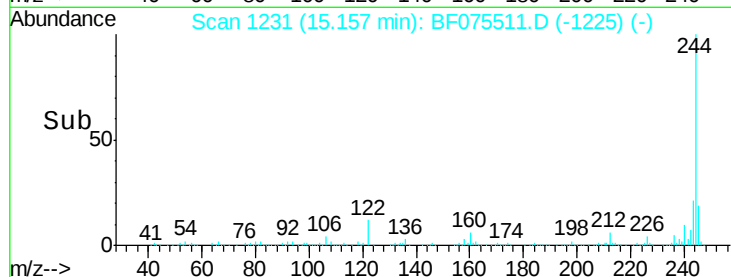
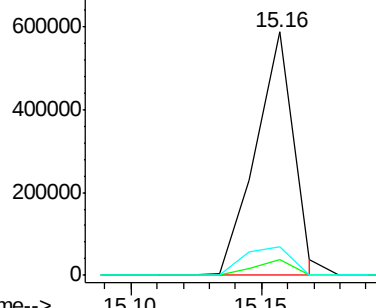
#78
 Terphenyl-d14
 Concen: 79.03 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075511.D
 Acq: 14 Nov 2014 23:24

Instrument :
 BNA_F
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 PB80280BL

Tot Ion:244 Resp: 589706
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 11.7 9.7 14.5

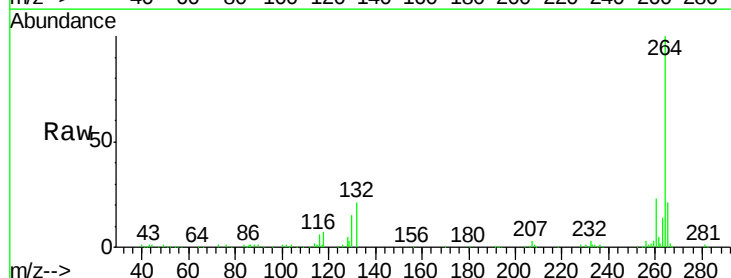


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.22 min Scan# 1499
 Delta R.T. -0.22 min
 Lab File: BF075511.D
 Acq: 14 Nov 2014 23:24

Tgt Ion:264 Resp: 197397
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 21.3 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

