

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075724.D
 Acq On : 20 Nov 2014 23:50
 Operator : TP / JJ
 Sample : PB80448BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80448BL

Quant Time: Nov 21 04:52:59 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	64480	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	268814	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	124192	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	207514	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	204976	20.00	ng	-0.02
86) Perylene-d12	18.09	264	210093	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	450314	108.50	ng	-0.02
7) Phenol-d6	7.03	99	579907	114.89	ng	-0.01
23) Nitrobenzene-d5	8.16	82	290990	66.44	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	105649	104.34	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	551767	69.55	ng	-0.01
78) Terphenyl-d14	15.07	244	531742	64.89	ng	-0.02

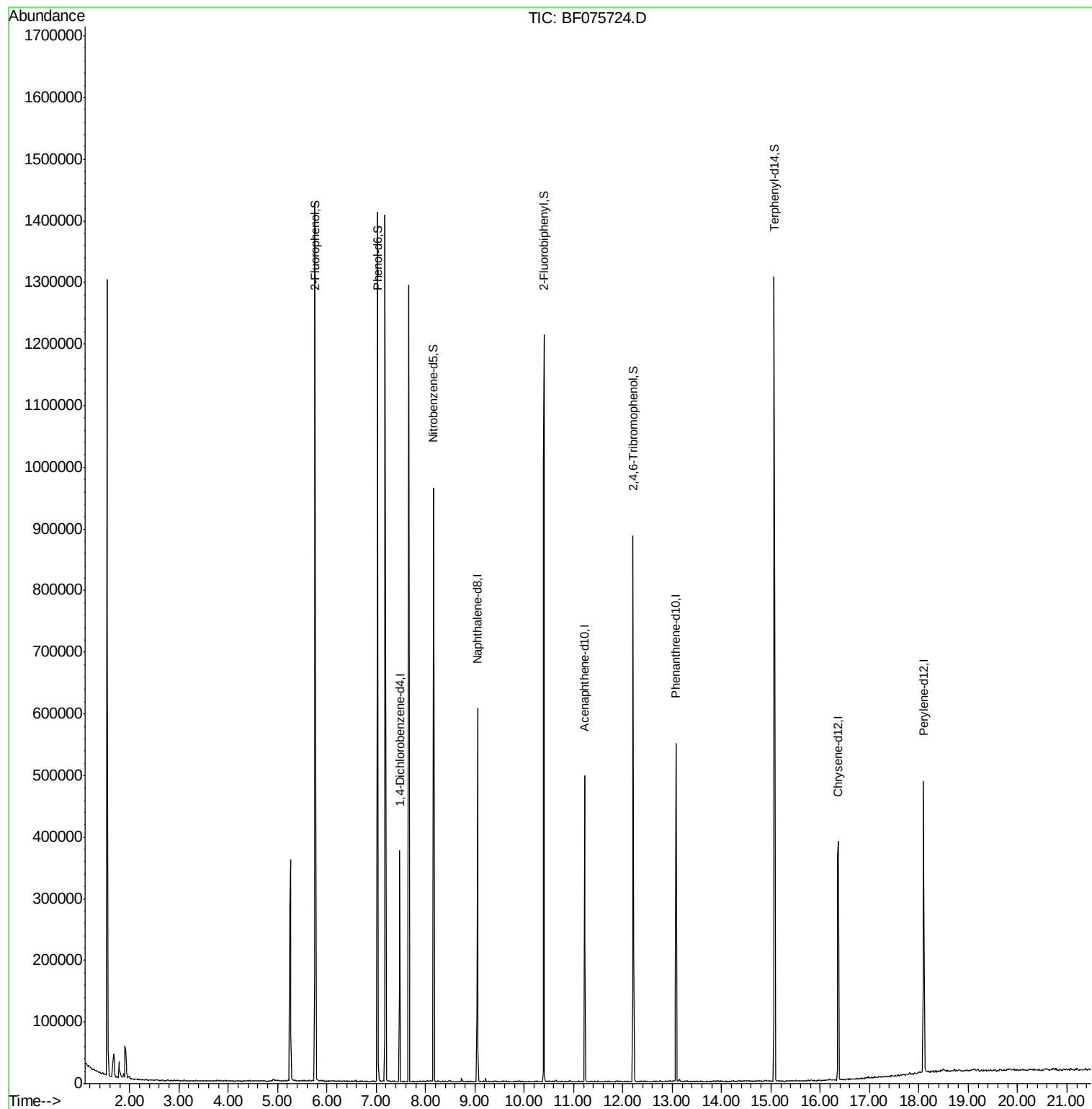
Target Compounds	Qvalue
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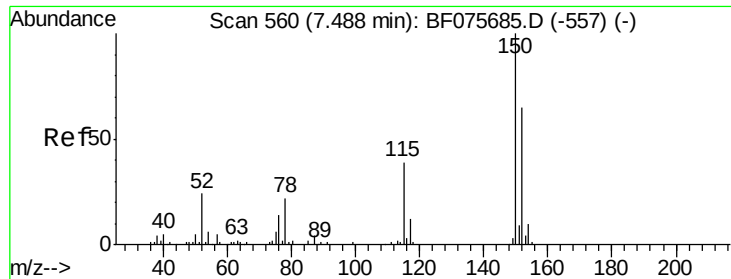
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075724.D

Acq: 20 Nov 2014 23:50

Instrument :

BNA_F

ClientSampleId :

PB80448BL

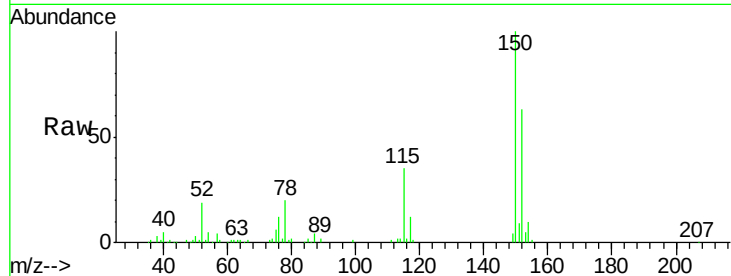
Tgt Ion:152 Resp: 64480

Ion Ratio Lower Upper

152 100

150 158.1 127.2 190.8

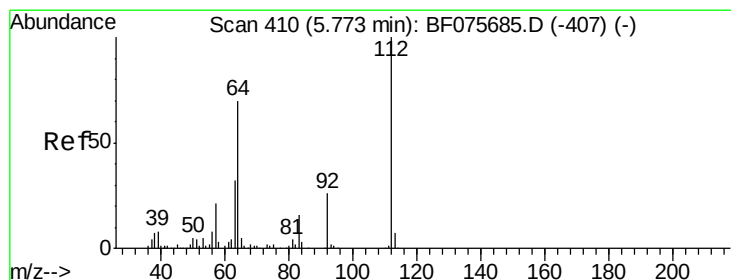
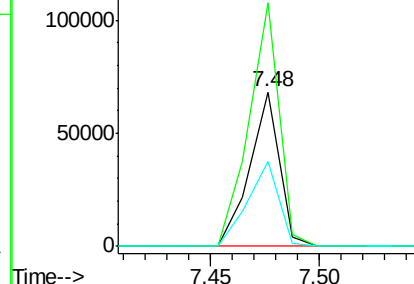
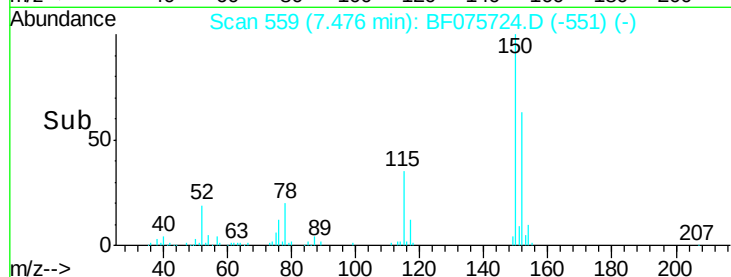
115 54.9 57.1 85.7#



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: 108.50 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075724.D

Acq: 20 Nov 2014 23:50

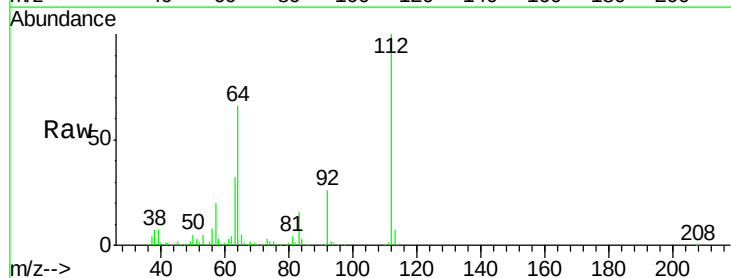
Tgt Ion:112 Resp: 450314

Ion Ratio Lower Upper

112 100

64 65.9 45.8 68.6

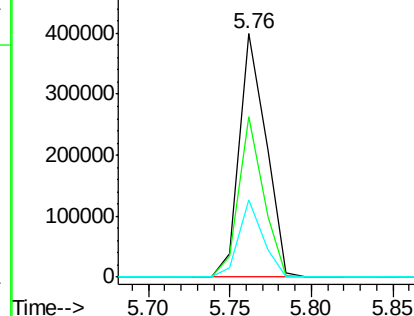
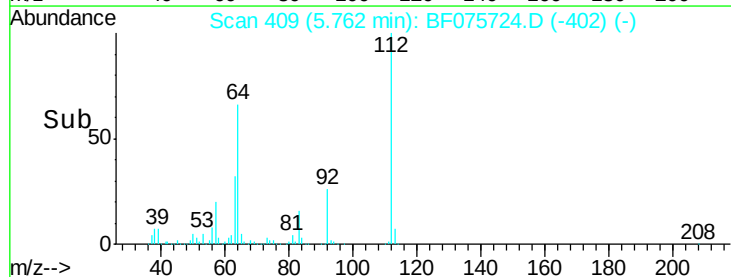
63 31.5 22.7 34.1

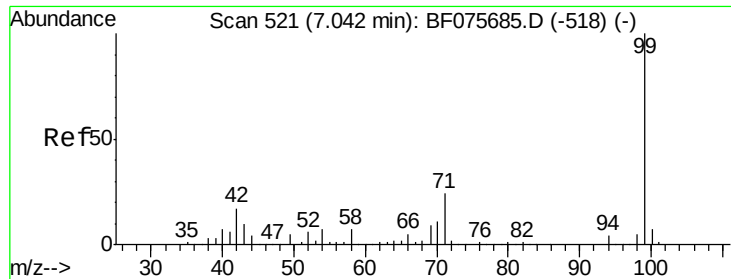


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.89 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075724.D

Acq: 20 Nov 2014 23:50

Instrument :

BNA_F

ClientSampleId :

PB80448BL

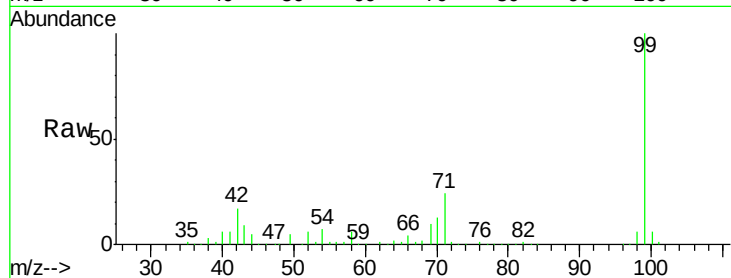
Tgt Ion: 99 Resp: 579907

Ion Ratio Lower Upper

99 100

42 16.7 19.8 29.6#

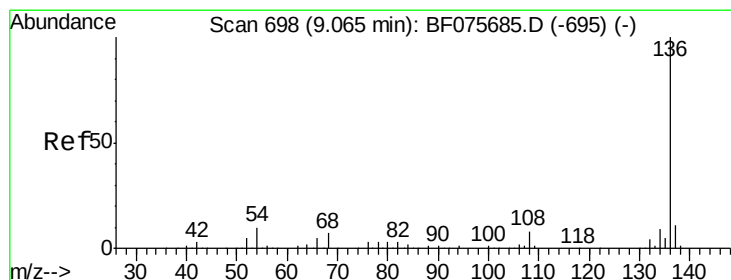
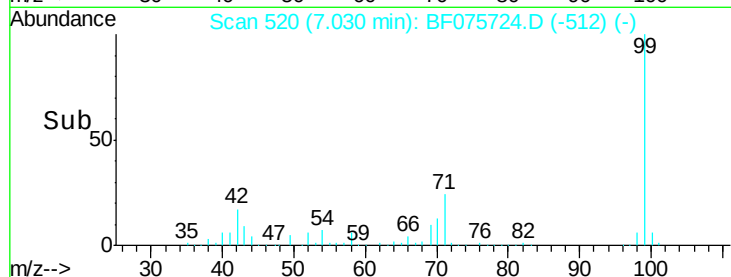
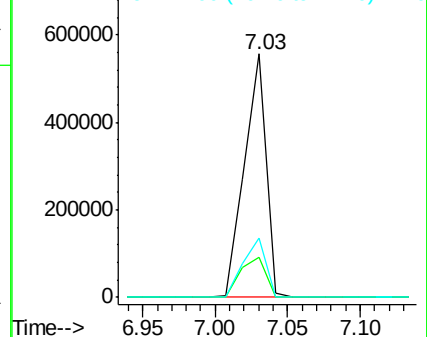
71 24.1 25.5 38.3#



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: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075724.D

Acq: 20 Nov 2014 23:50

Tgt Ion: 136 Resp: 268814

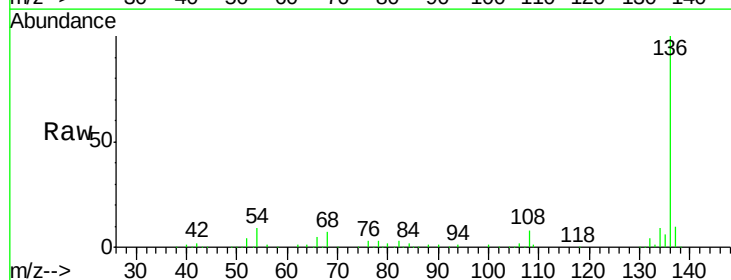
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 9.0 6.2 9.4

68 6.7 3.4 5.2#

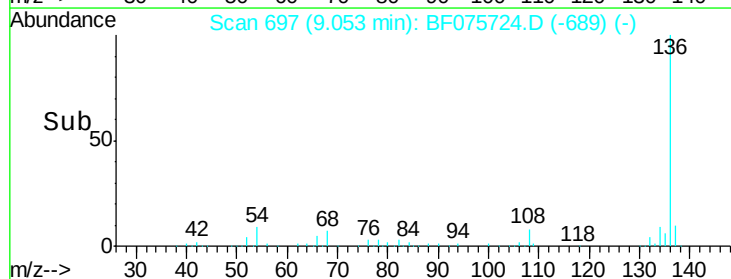
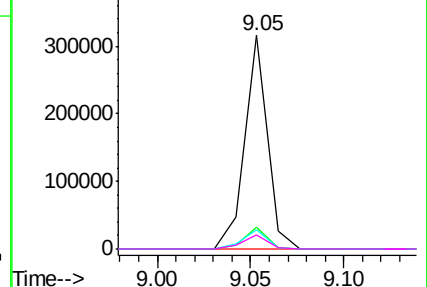


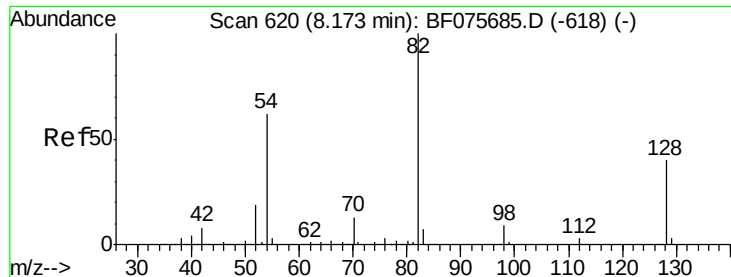
Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.44 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF075724.D

Acq: 20 Nov 2014 23:50

Instrument :

BNA_F

ClientSampleId :

PB80448BL

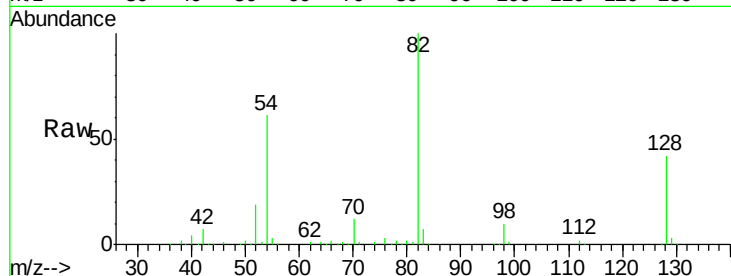
Tgt Ion: 82 Resp: 290990

Ion Ratio Lower Upper

82 100

128 42.3 37.8 56.6

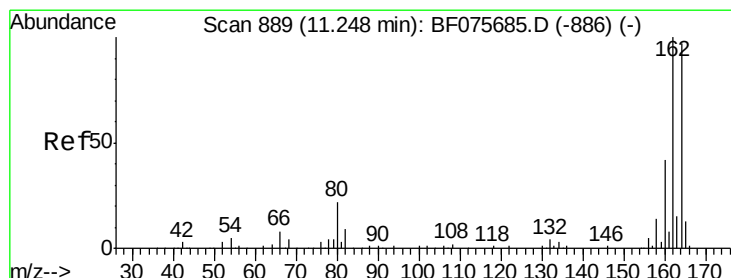
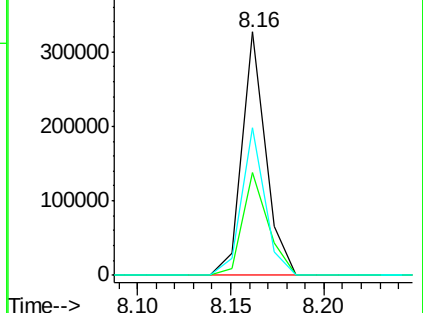
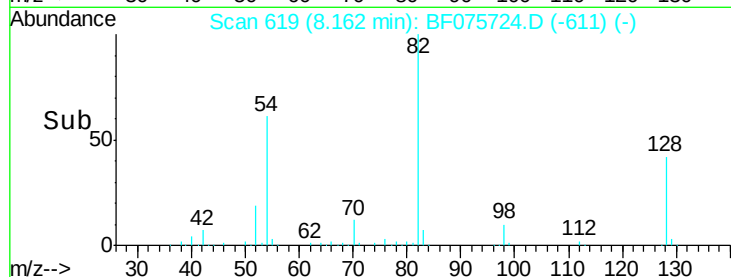
54 60.7 49.8 74.8



Abundance Ion 82.00 (81.70 to 82.70): BF075685.D (-618) (-)

Ion 128.00 (127.70 to 128.70): BF075685.D (-618) (-)

Ion 54.00 (53.70 to 54.70): BF075685.D (-618) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF075724.D

Acq: 20 Nov 2014 23:50

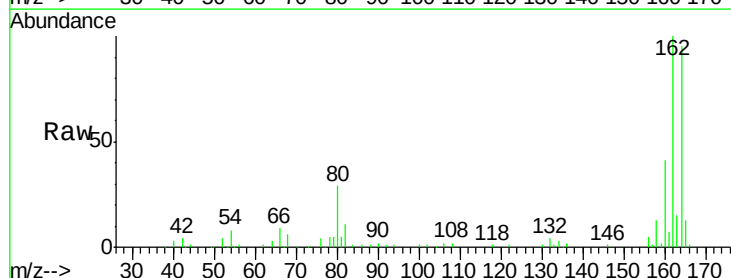
Tgt Ion: 164 Resp: 124192

Ion Ratio Lower Upper

164 100

162 104.9 79.1 118.7

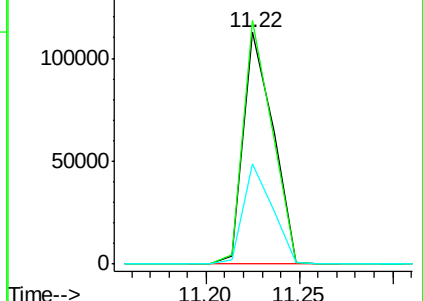
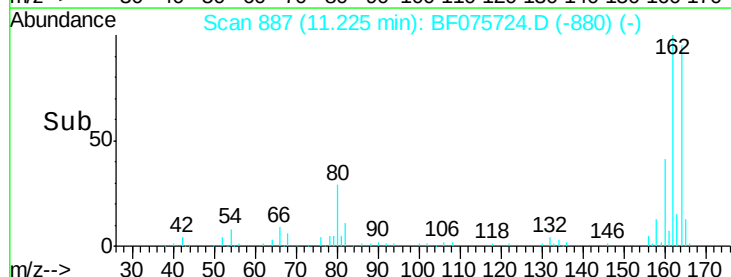
160 43.4 34.6 51.8

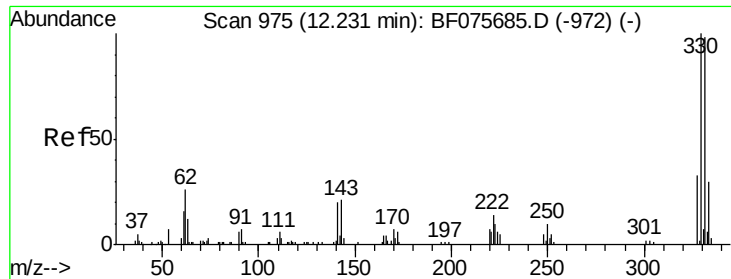


Abundance Ion 164.00 (163.70 to 164.70): BF075685.D (-886) (-)

Ion 162.00 (161.70 to 162.70): BF075685.D (-886) (-)

Ion 160.00 (159.70 to 160.70): BF075685.D (-886) (-)

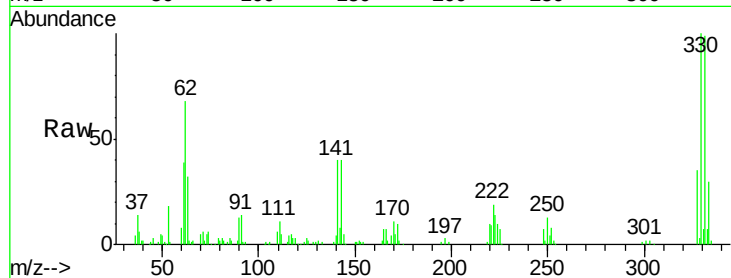




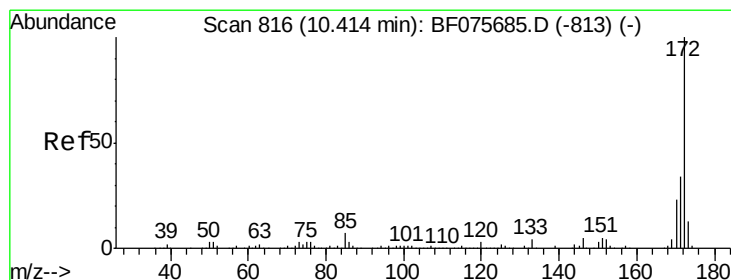
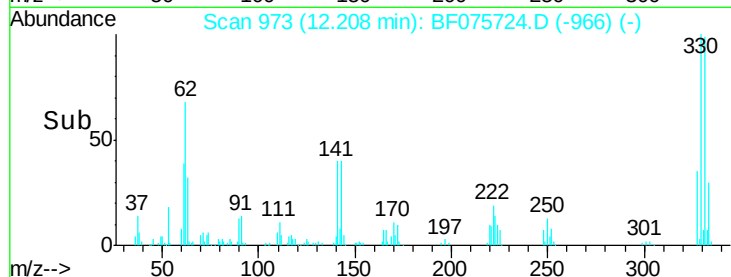
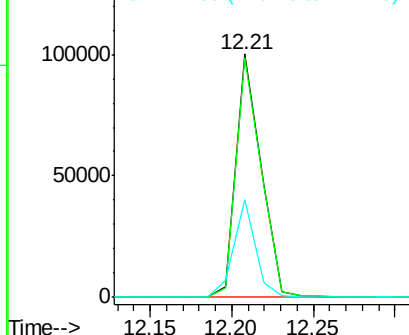
#41
 2,4,6-Tribromophenol
 Concen: 104.34 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075724.D
 Acq: 20 Nov 2014 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80448BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	74.5	111.7
141	35.0	30.7	46.1

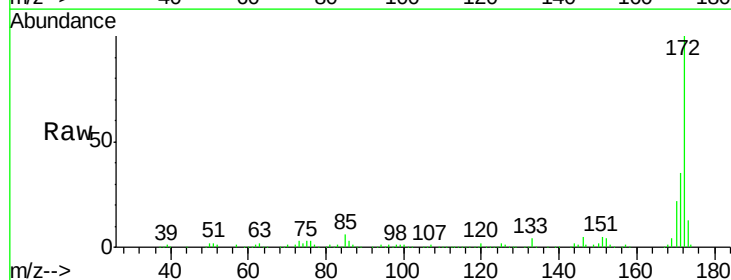


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

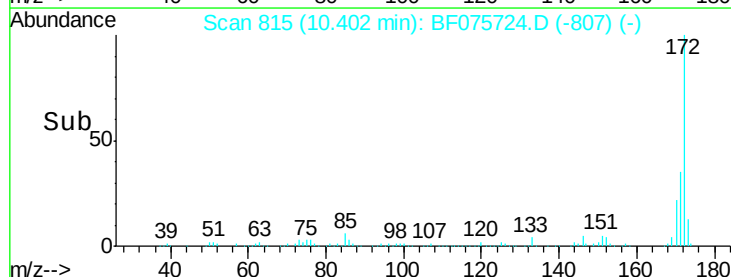
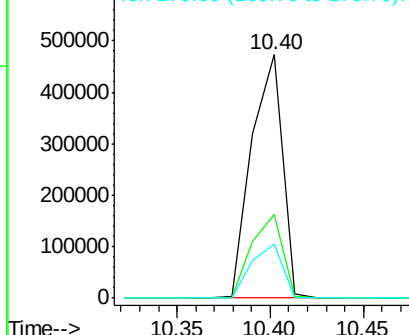


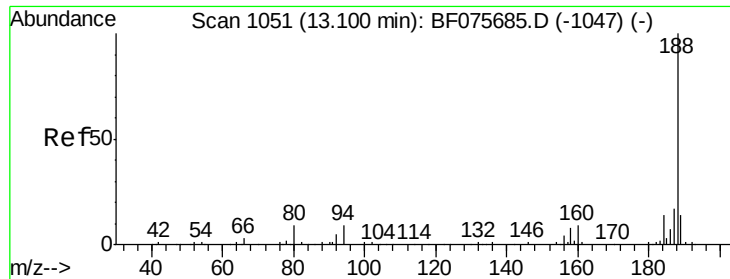
#44
 2-Fluorobiphenyl
 Concen: 69.55 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075724.D
 Acq: 20 Nov 2014 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.3	40.9
170	22.4	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

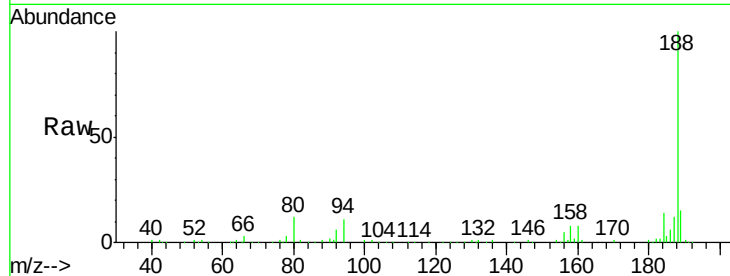




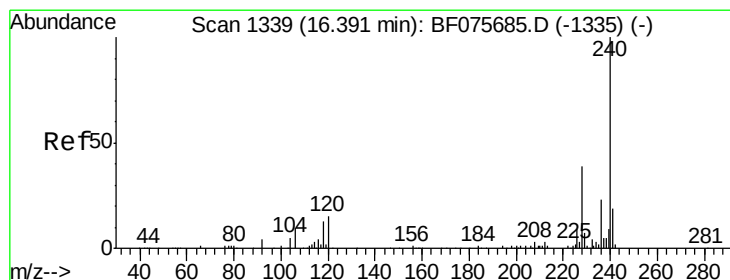
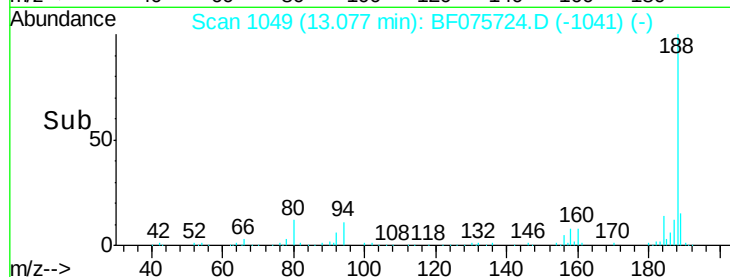
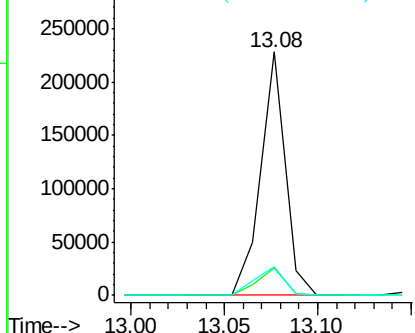
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075724.D
Acq: 20 Nov 2014 23:50

Instrument :
BNA_F
ClientSampleId :
PB80448BL

Tgt Ion:188 Resp: 207514
Ion Ratio Lower Upper
188 100
94 11.3 7.8 11.6
80 11.8 8.0 12.0

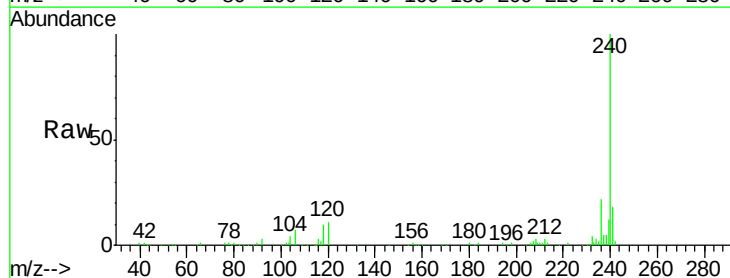


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

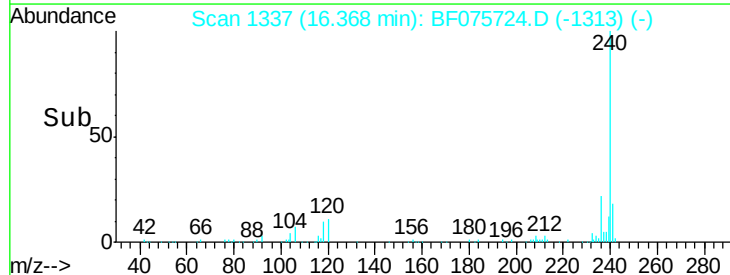
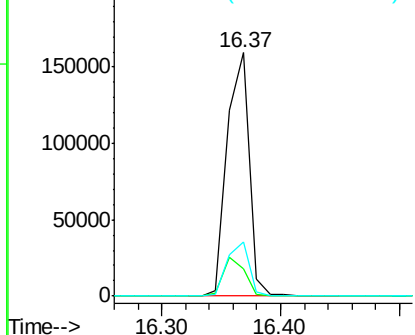


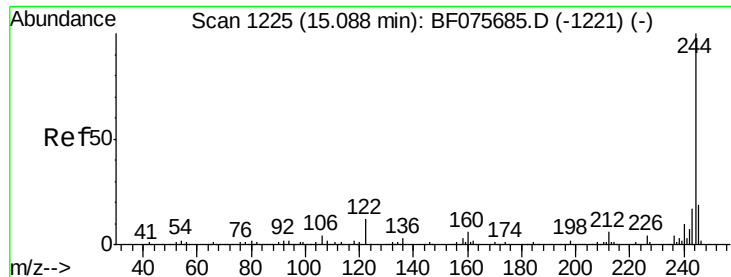
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF075724.D
Acq: 20 Nov 2014 23:50

Tgt Ion:240 Resp: 204976
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 22.3 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

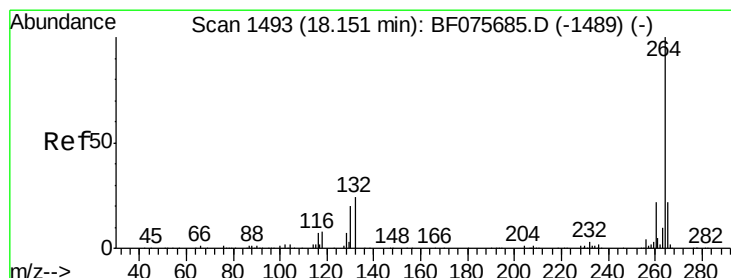
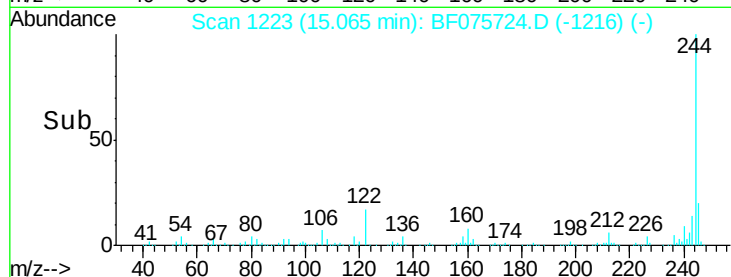
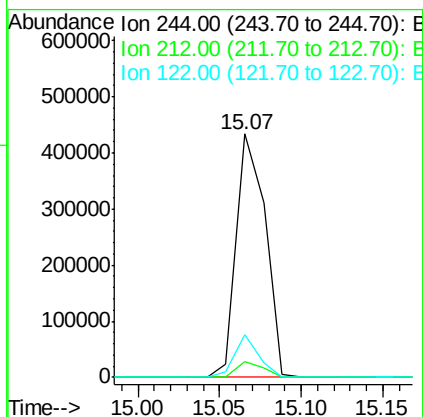
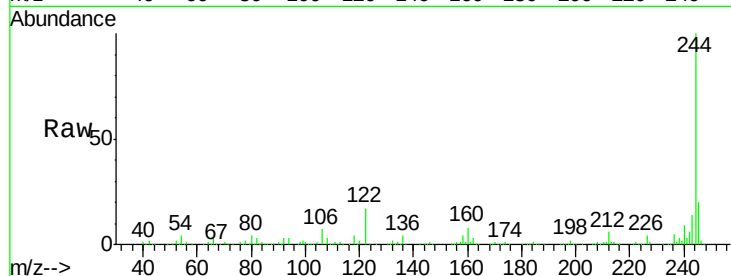




#78
 Terphenyl-d14
 Concen: 64.89 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF075724.D
 Acq: 20 Nov 2014 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB80448BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	17.5	9.7	14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1488
 Delta R.T. -0.07 min
 Lab File: BF075724.D
 Acq: 20 Nov 2014 23:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	22.1	16.3	24.5

