

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075717.D
 Acq On : 20 Nov 2014 18:56
 Operator : TP / JJ
 Sample : F4836-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:11:02 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	55354	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	244498	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	117430	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	199783	20.00	ng	-0.01
75) Chrysene-d12	16.36	240	203533	20.00	ng	-0.03
86) Perylene-d12	18.08	264	203159	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	234891	65.93	ng	-0.02
7) Phenol-d6	7.03	99	181989	42.00	ng	-0.01
23) Nitrobenzene-d5	8.16	82	328611	82.50	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	126124	131.74	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	617868	82.37	ng	-0.01
78) Terphenyl-d14	15.07	244	462918	56.89	ng	-0.02

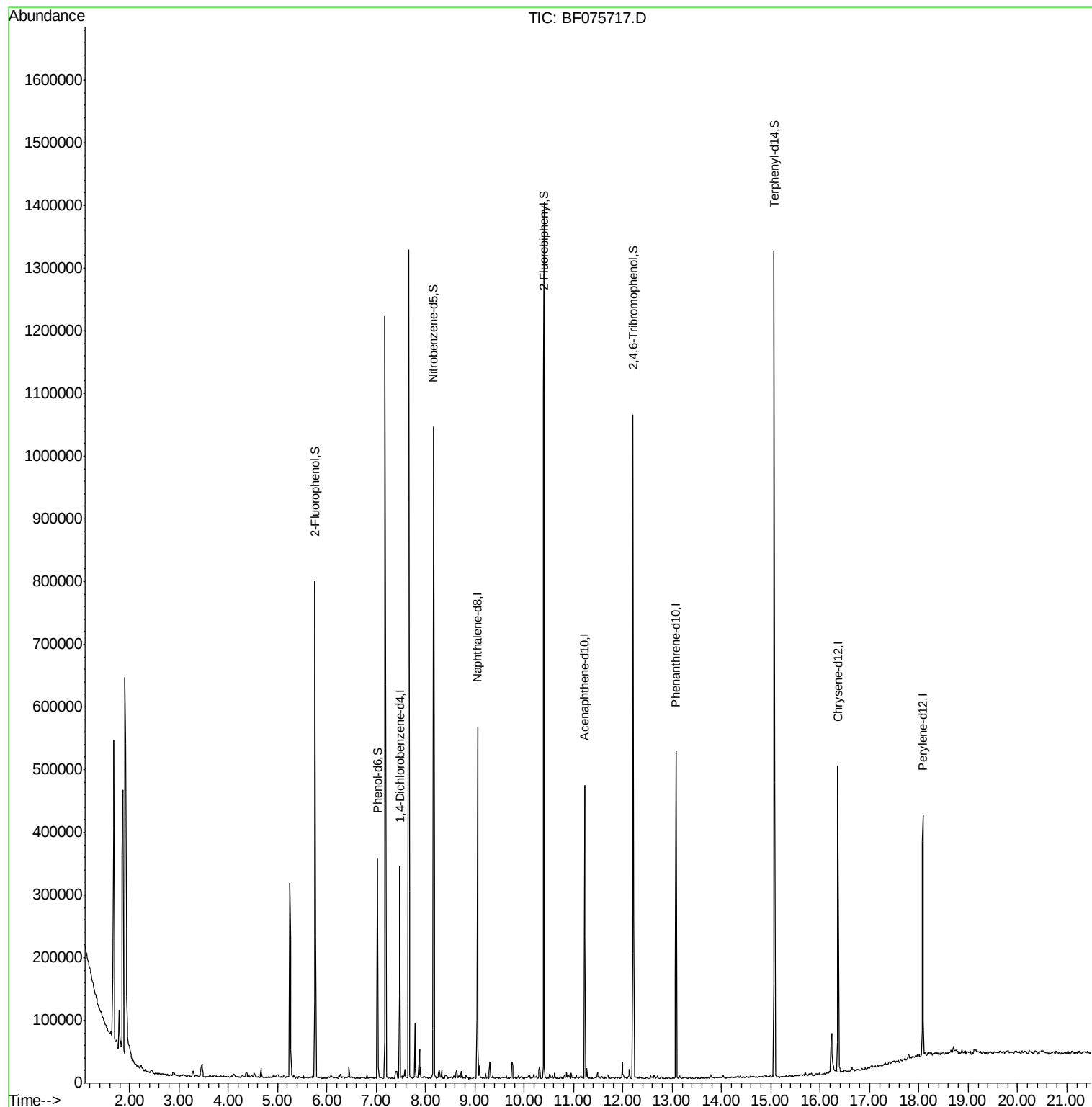
Target Compounds Qvalue

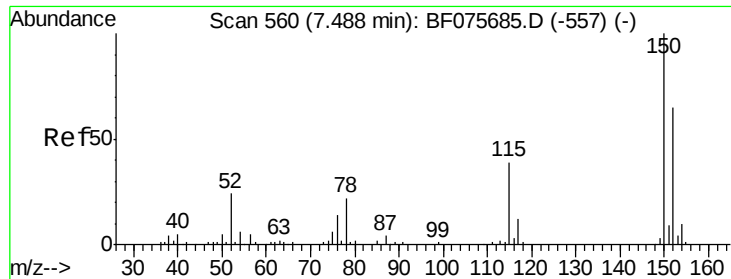
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
Data File : BF075717.D
Acq On : 20 Nov 2014 18:56
Operator : TP / JJ
Sample : F4836-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 21 01:11:02 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075717.D

Acq: 20 Nov 2014 18:56

Instrument :

BNA_F

ClientSampleId :

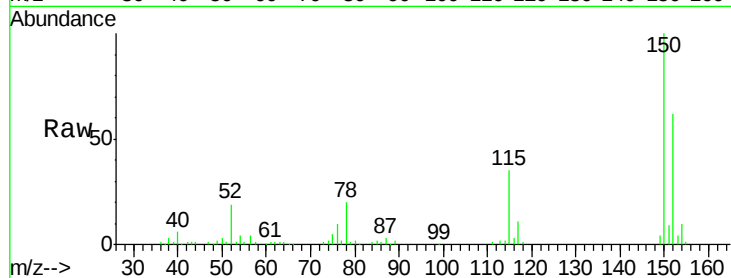
Tot Ion:152 Resp: 55354

Ion Ratio Lower Upper

152 100

150 161.3 127.2 190.8

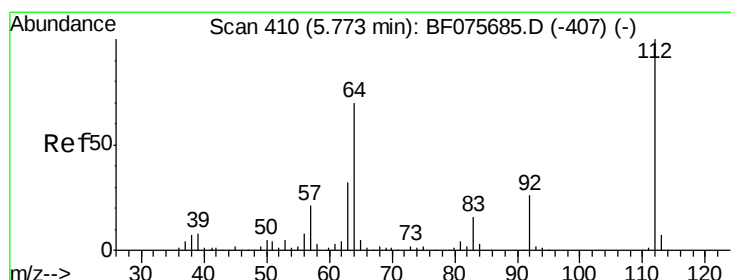
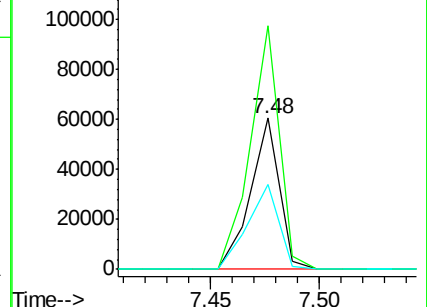
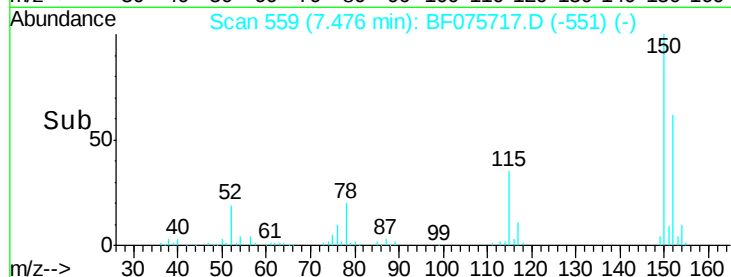
115 56.5 57.1 85.7#



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: 65.93 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075717.D

Acq: 20 Nov 2014 18:56

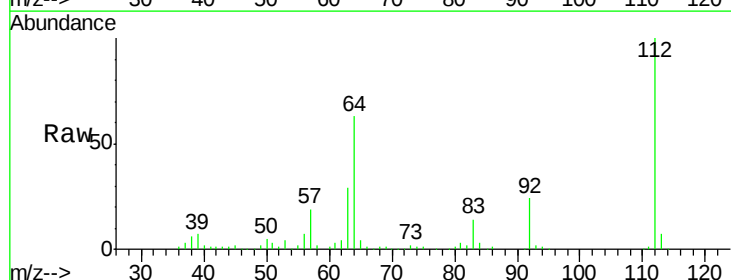
Tgt Ion:112 Resp: 234891

Ion Ratio Lower Upper

112 100

64 63.5 45.8 68.6

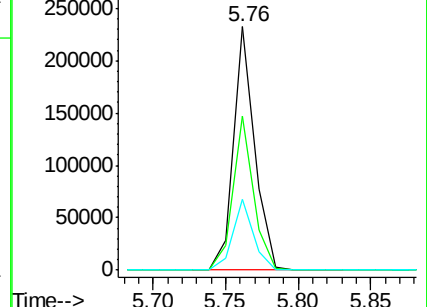
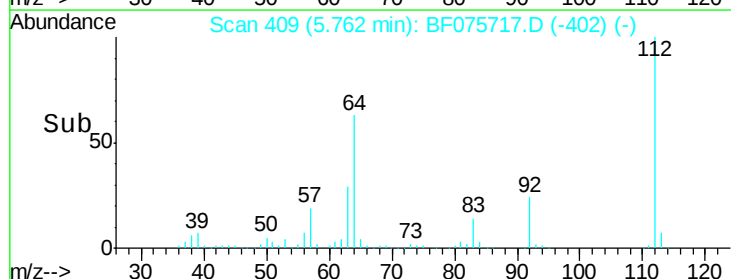
63 29.3 22.7 34.1

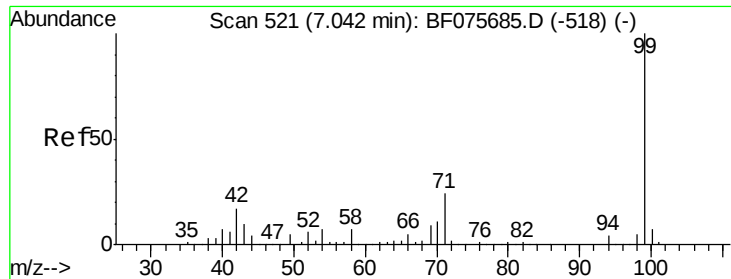


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.00 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075717.D

Acq: 20 Nov 2014 18:56

Instrument :

BNA_F

ClientSampleId :

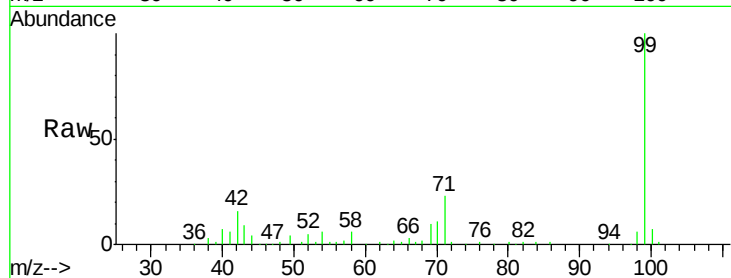
Tot Ion: 99 Resp: 181989

Ion Ratio Lower Upper

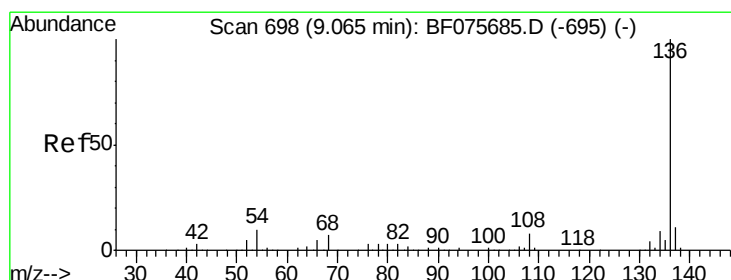
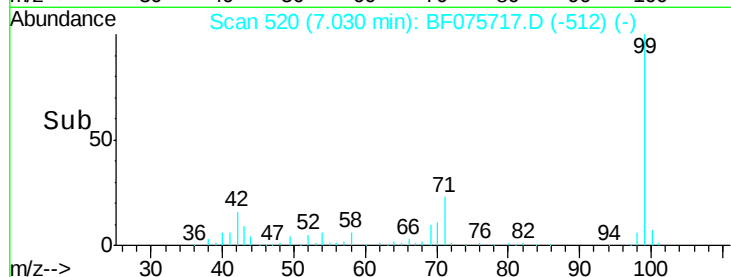
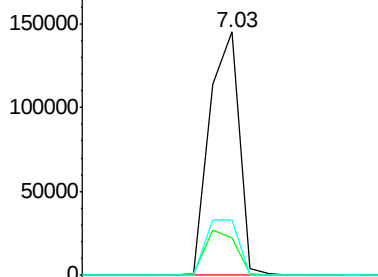
99 100

42 15.6 19.8 29.6#

71 22.6 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: BF075717.D

Acq: 20 Nov 2014 18:56

Tgt Ion: 136 Resp: 244498

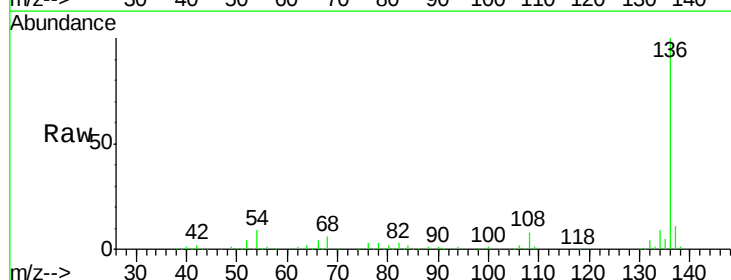
Ion Ratio Lower Upper

136 100

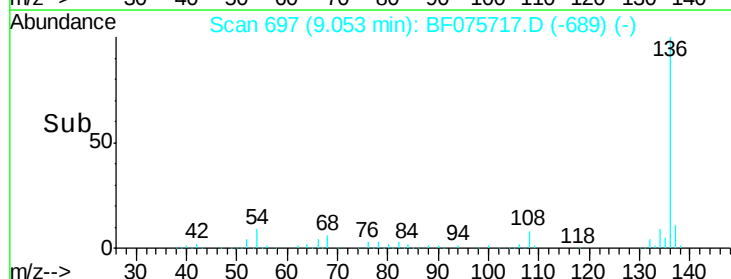
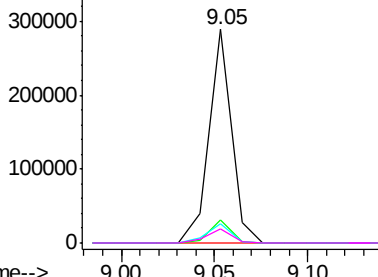
137 10.9 8.2 12.4

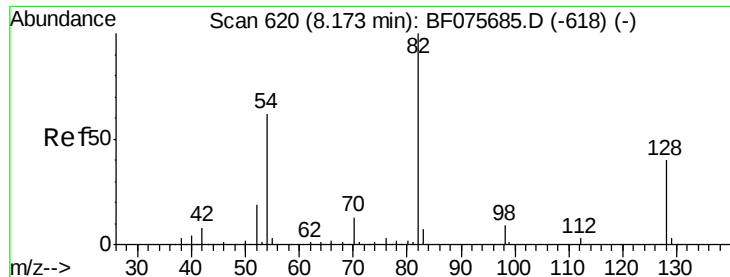
54 9.3 6.2 9.4

68 6.4 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

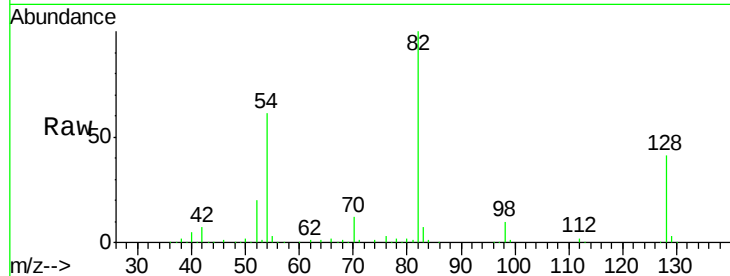




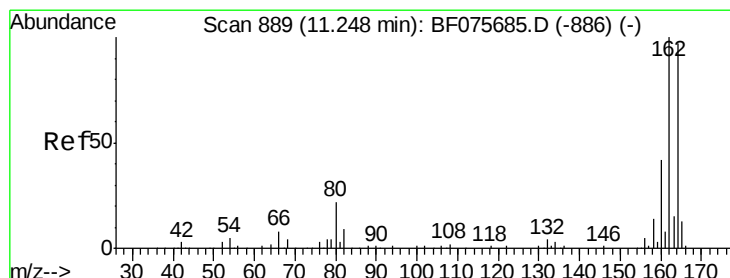
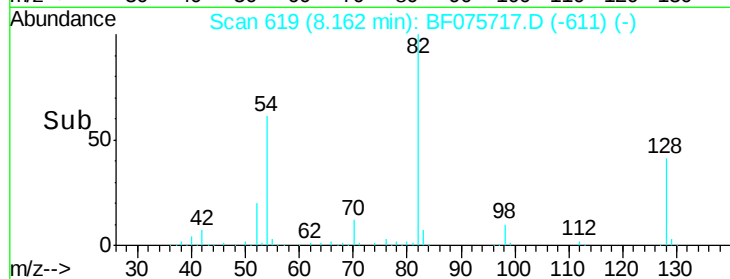
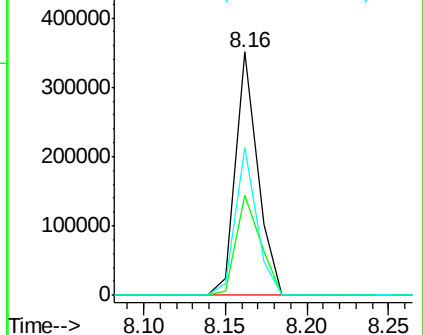
#23
Nitrobenzene-d5
Concen: 82.50 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075717.D
Acq: 20 Nov 2014 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 328611
Ion Ratio Lower Upper
82 100
128 41.1 37.8 56.6
54 60.7 49.8 74.8

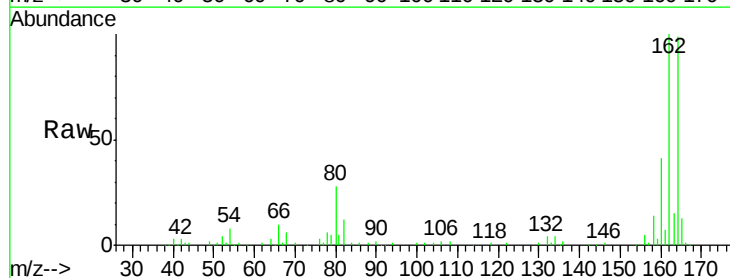


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

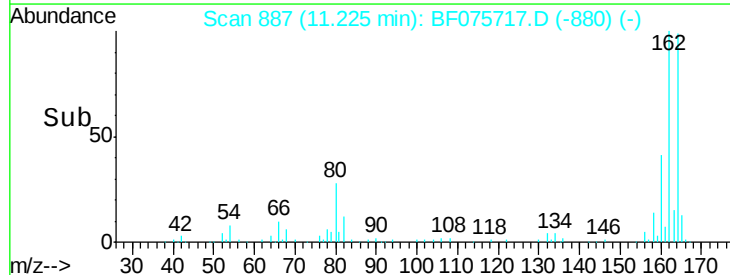
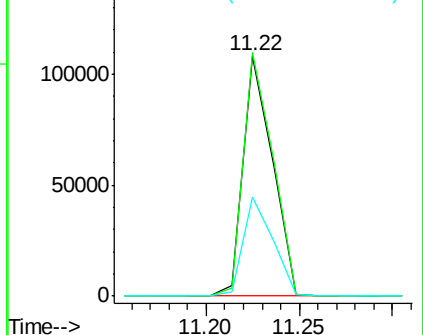


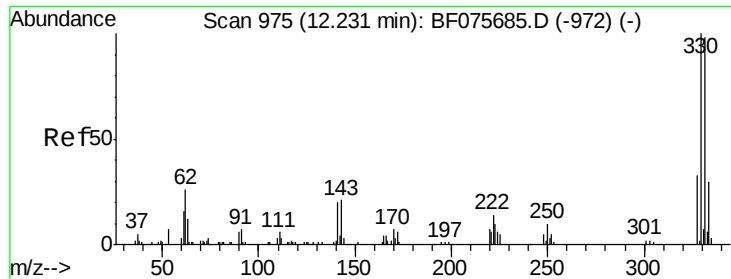
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075717.D
Acq: 20 Nov 2014 18:56

Tgt Ion:164 Resp: 117430
Ion Ratio Lower Upper
164 100
162 101.4 79.1 118.7
160 41.2 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

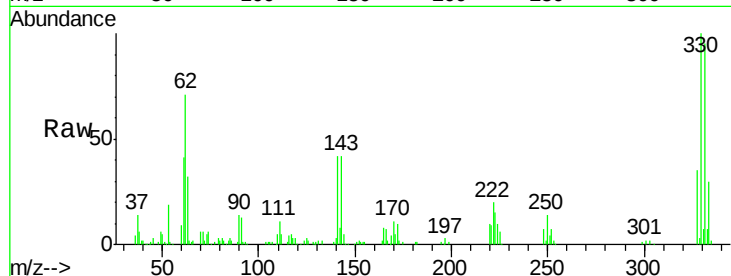




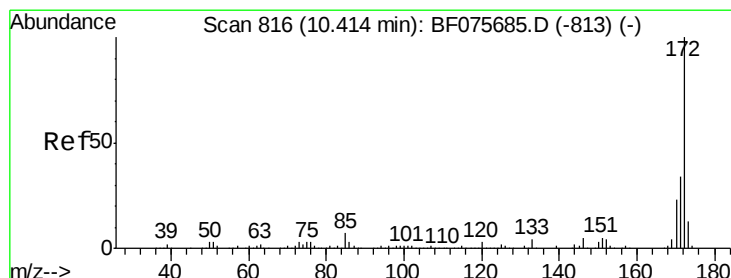
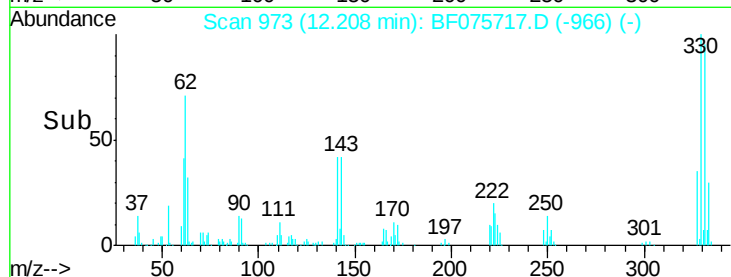
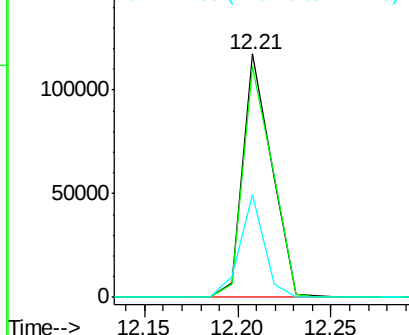
#41
 2,4,6-Tribromophenol
 Concen: 131.74 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075717.D
 Acq: 20 Nov 2014 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.5	111.7
141	36.2	30.7	46.1

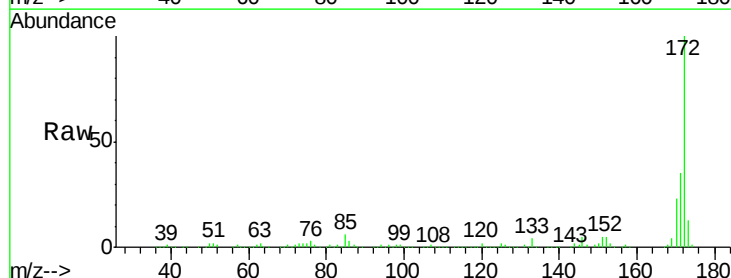


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

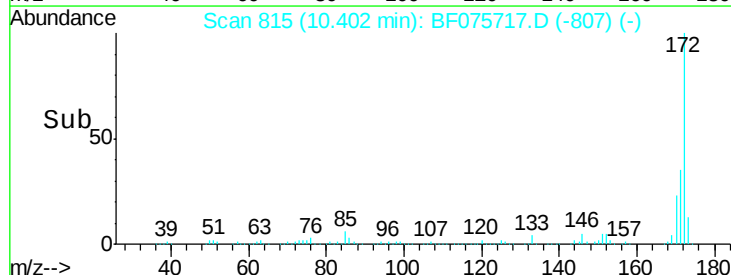
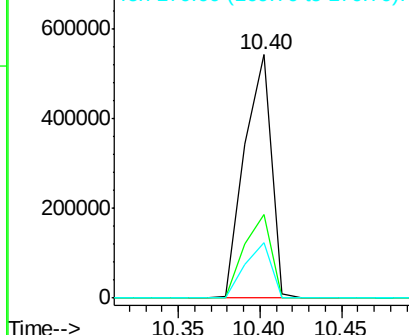


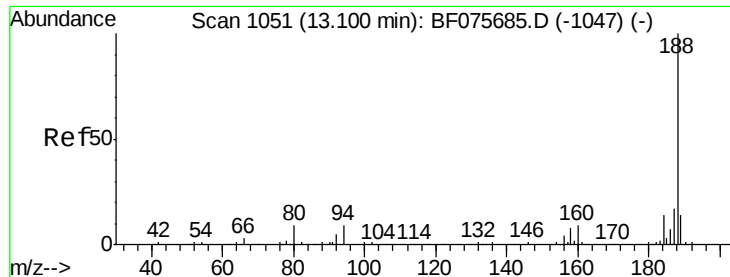
#44
 2-Fluorobiphenyl
 Concen: 82.37 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075717.D
 Acq: 20 Nov 2014 18:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	22.9	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

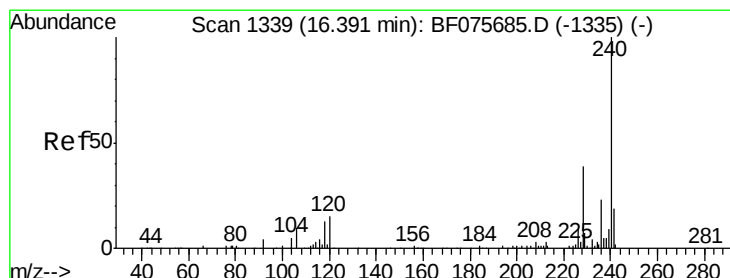
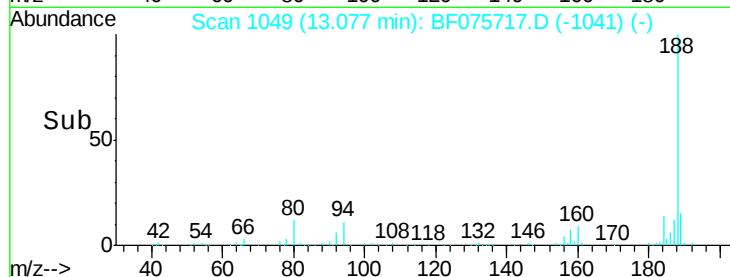
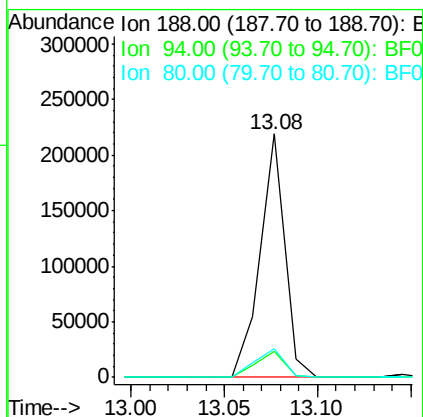
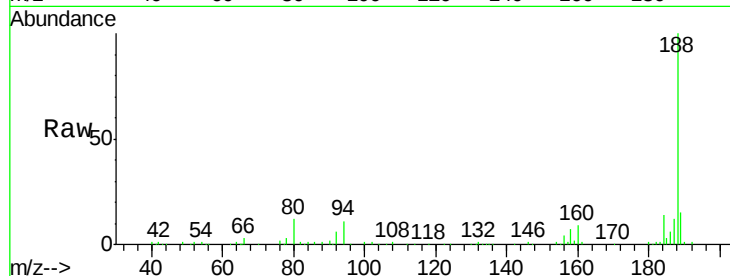




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075717.D
Acq: 20 Nov 2014 18:56

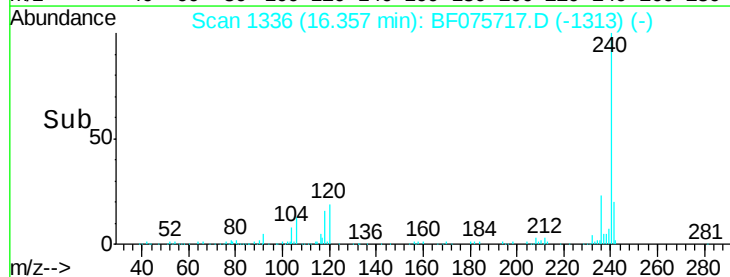
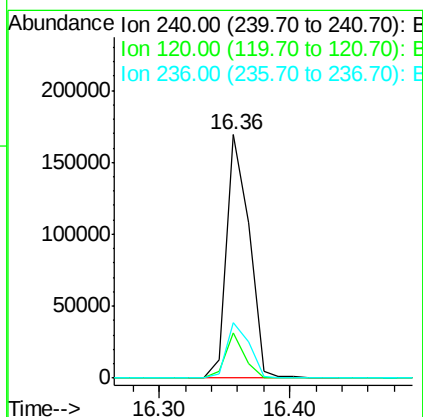
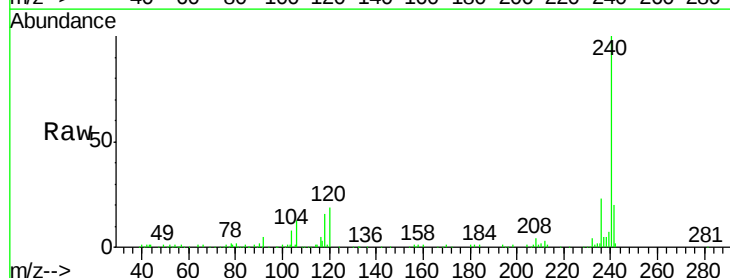
Instrument :
BNA_F
ClientSampleId :

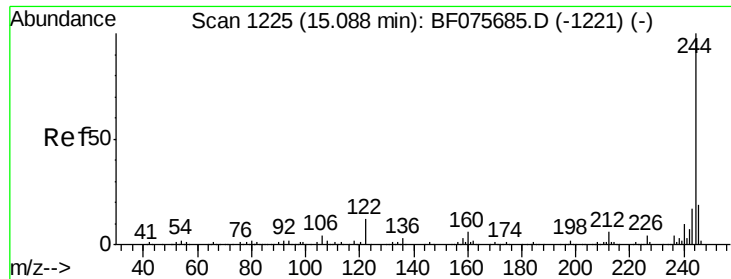
Tot Ion:188 Resp: 199783
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.9 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.36 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF075717.D
Acq: 20 Nov 2014 18:56

Tgt Ion:240 Resp: 203533
Ion Ratio Lower Upper
240 100
120 18.7 9.6 14.4#
236 23.0 18.9 28.3

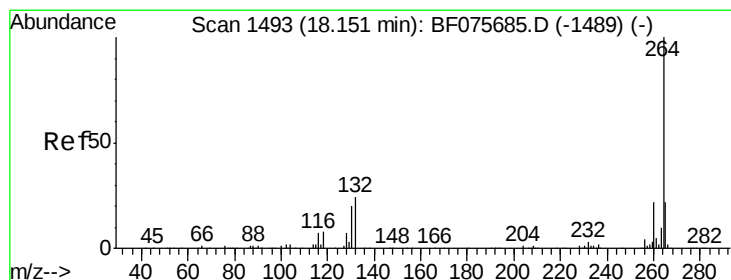
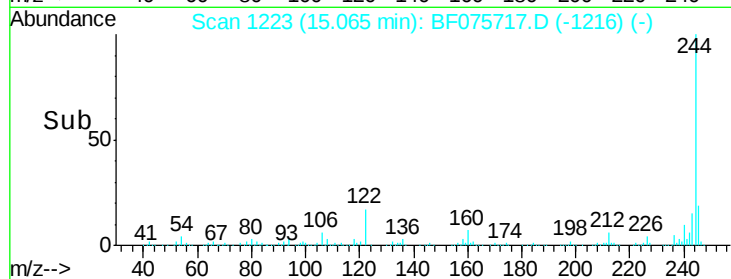
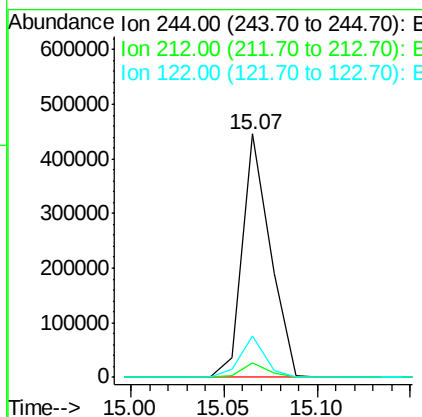
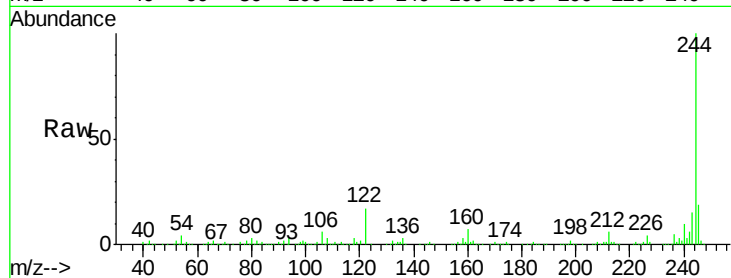




#78
 Terphenyl-d14
 Concen: 56.89 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF075717.D
 Acq: 20 Nov 2014 18:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.5	8.3
122	17.0	9.7	14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.08 min Scan# 1487
 Delta R.T. -0.08 min
 Lab File: BF075717.D
 Acq: 20 Nov 2014 18:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	21.1	16.3	24.5

