

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075719.D
 Acq On : 20 Nov 2014 19:59
 Operator : TP / JJ
 Sample : F4795-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:11:17 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	63494	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	276709	20.00	ng	-0.01
38) Acenaphthene-d10	11.23	164	131284	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	221235	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	235256	20.00	ng	-0.02
86) Perylene-d12	18.11	264	243953	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	219190	53.63	ng	-0.02
7) Phenol-d6	7.02	99	154781	31.14	ng	-0.02
23) Nitrobenzene-d5	8.16	82	341121	75.67	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	131671	123.02	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	644248	76.82	ng	-0.01
78) Terphenyl-d14	15.07	244	684092	72.73	ng	-0.02

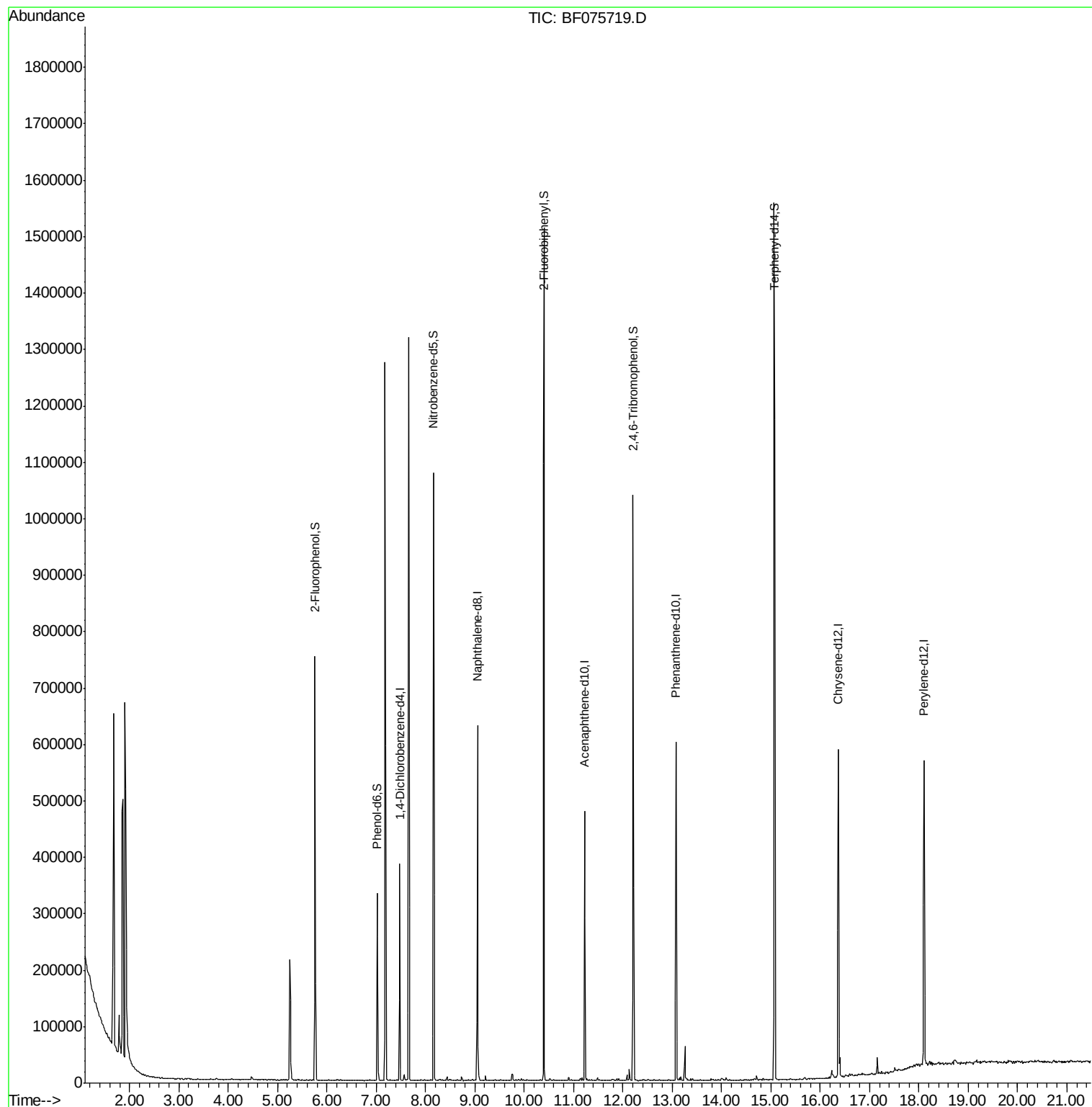
Target Compounds Qvalue

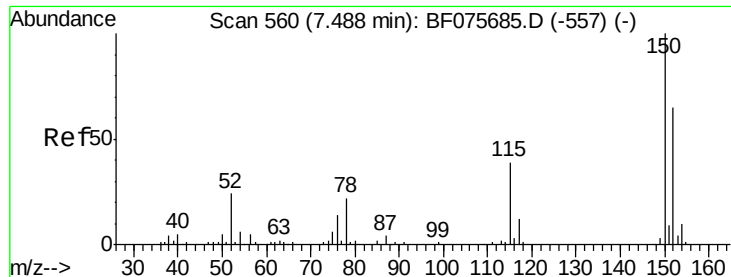
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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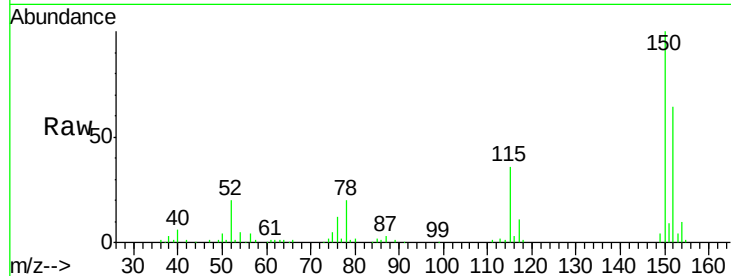


#1

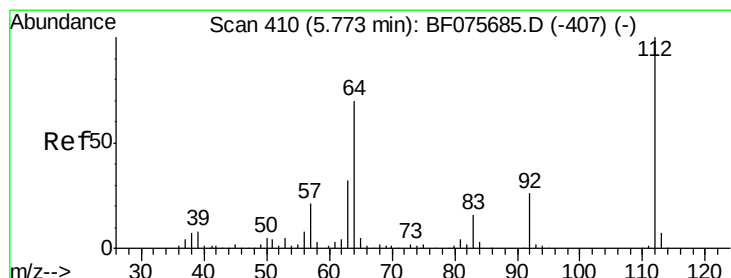
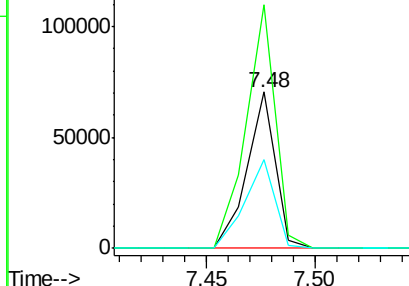
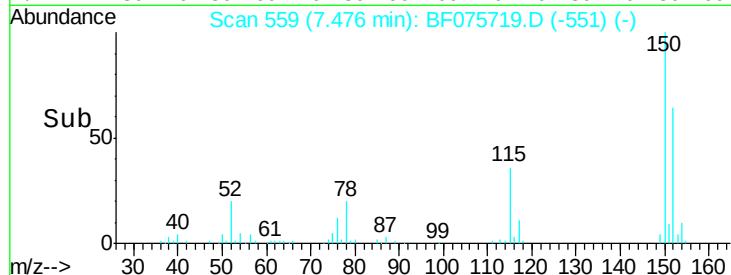
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF075719.D
Acq: 20 Nov 2014 19:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 63494
Ion Ratio Lower Upper
152 100
150 155.7 127.2 190.8
115 56.7 57.1 85.7#



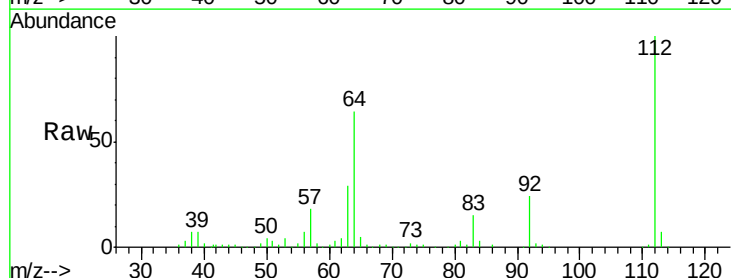
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



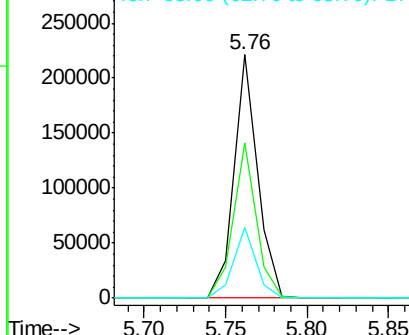
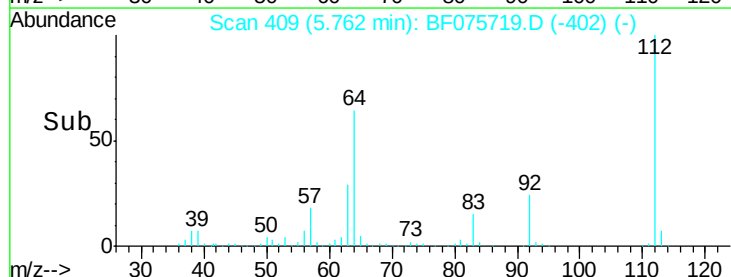
#5

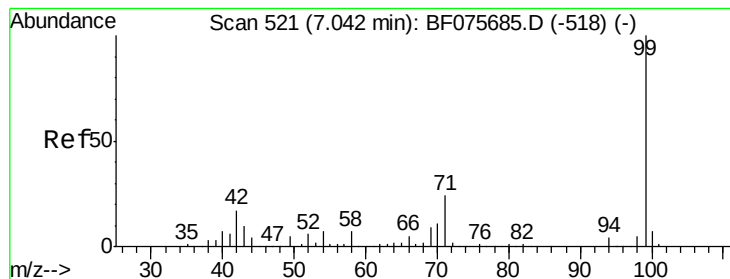
2-Fluorophenol
Concen: 53.63 ng
RT: 5.76 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF075719.D
Acq: 20 Nov 2014 19:59

Tgt Ion:112 Resp: 219190
Ion Ratio Lower Upper
112 100
64 63.8 45.8 68.6
63 29.0 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: 31.14 ng

RT: 7.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF075719.D

Acq: 20 Nov 2014 19:59

Instrument :

BNA_F

ClientSampleId :

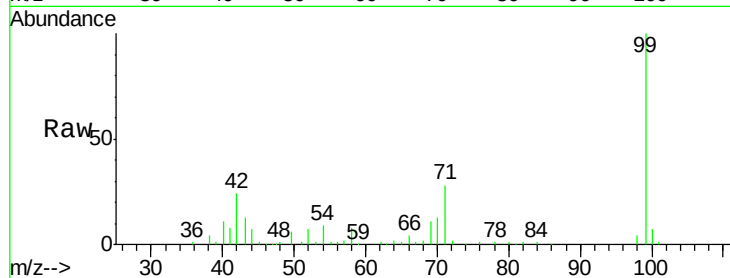
Tot Ion: 99 Resp: 154781

Ion Ratio Lower Upper

99 100

42 23.6 19.8 29.6

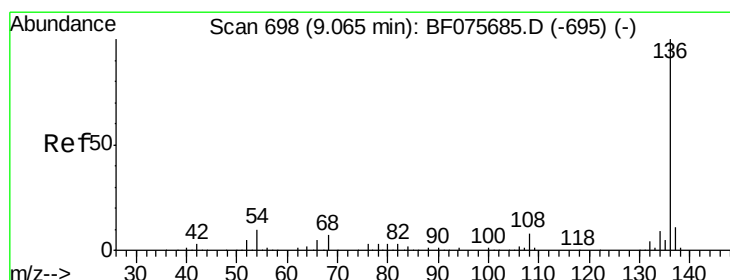
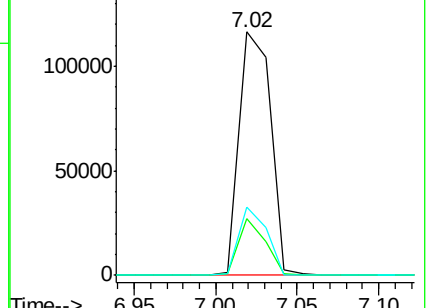
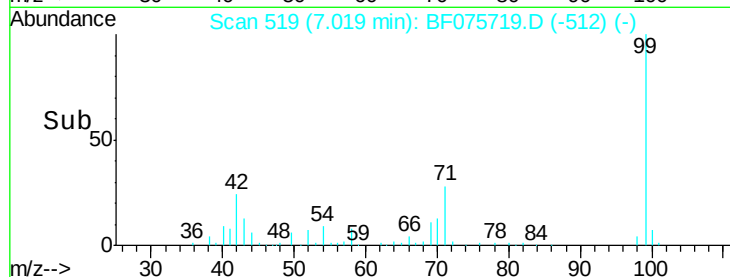
71 28.3 25.5 38.3



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: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075719.D

Acq: 20 Nov 2014 19:59

Tgt Ion: 136 Resp: 276709

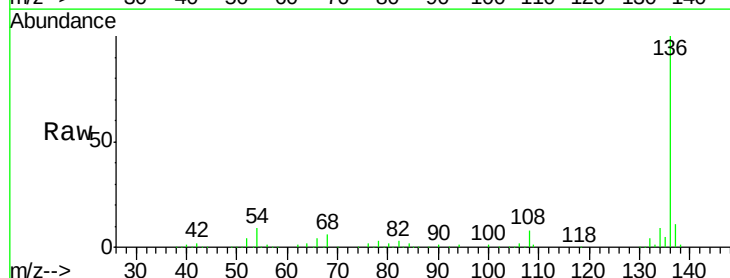
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 9.1 6.2 9.4

68 6.4 3.4 5.2#

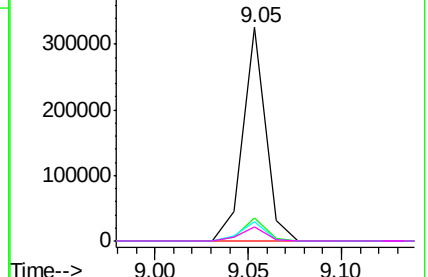
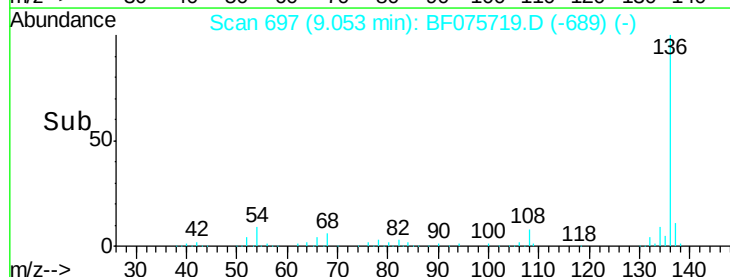


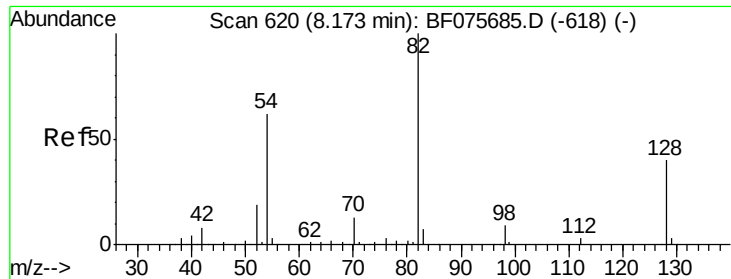
Abundance Ion 136.00 (135.70 to 136.70): E

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

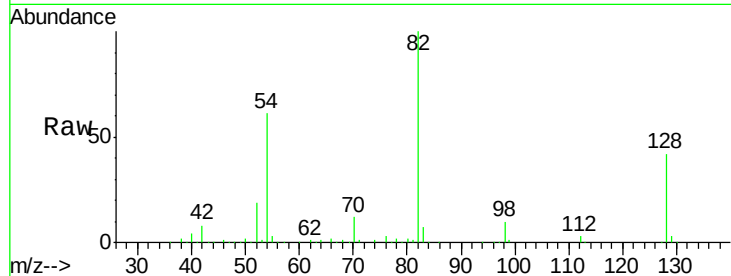




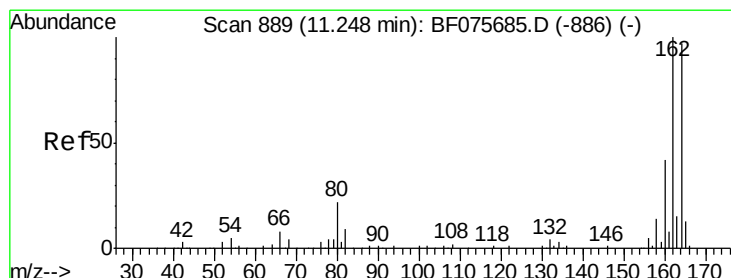
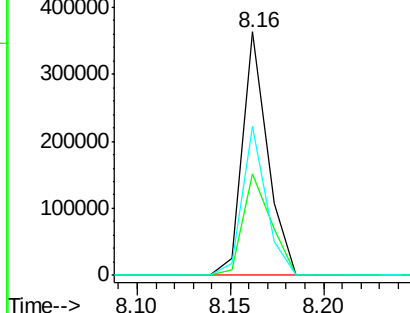
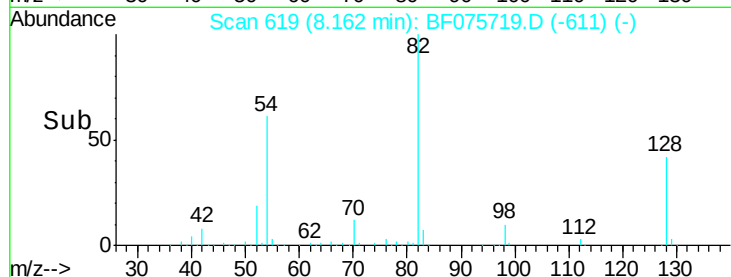
#23
 Nitrobenzene-d5
 Concen: 75.67 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075719.D
 Acq: 20 Nov 2014 19:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	341121
Ion Ratio	100	Lower	Upper
128	41.6	37.8	56.6
54	61.4	49.8	74.8

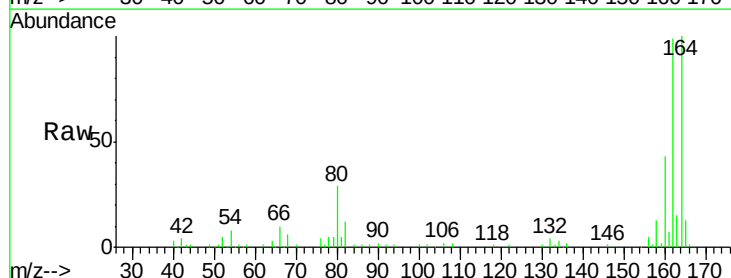


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

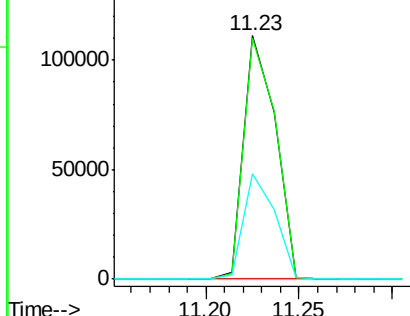
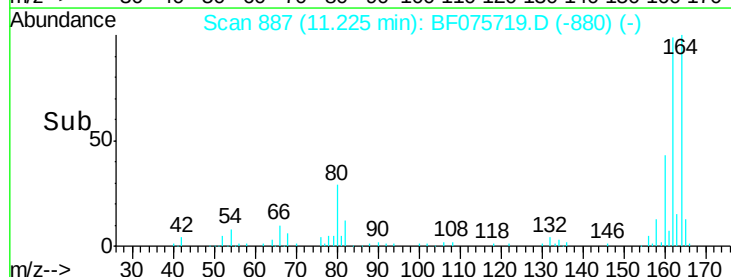


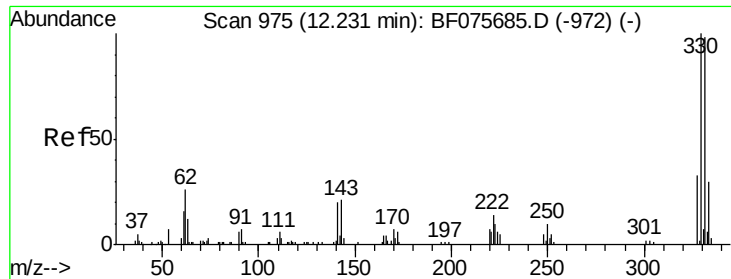
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF075719.D
 Acq: 20 Nov 2014 19:59

Tgt Ion	164	Resp	131284
Ion Ratio	100	Lower	Upper
162	98.9	79.1	118.7
160	43.1	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

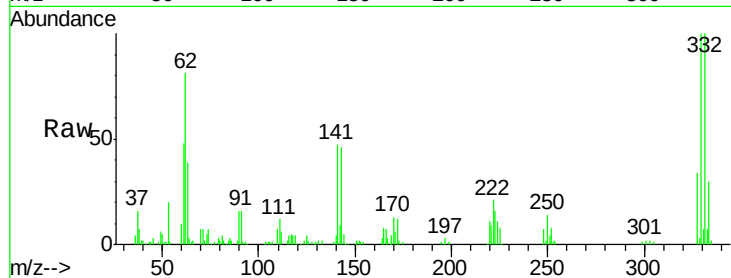




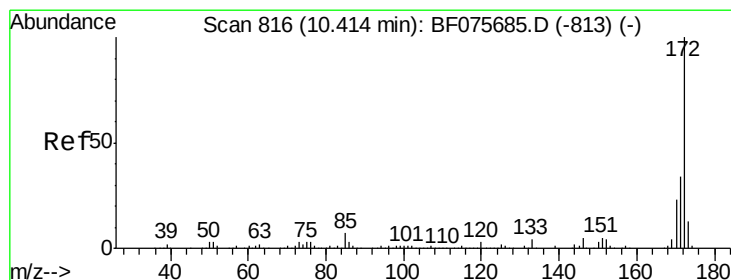
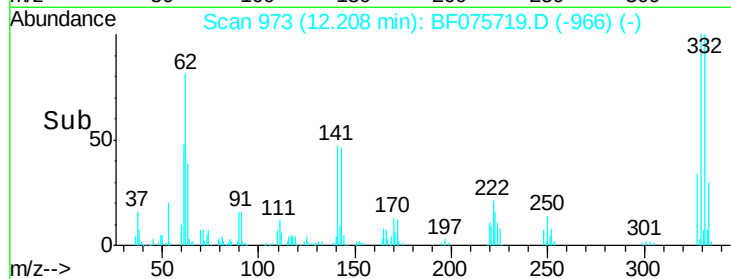
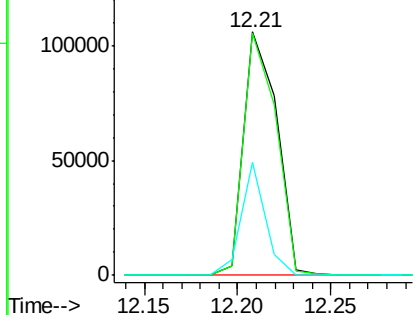
#41
2,4,6-Tribromophenol
Concen: 123.02 ng
RT: 12.21 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF075719.D
Acq: 20 Nov 2014 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	74.5	111.7
141	34.0	30.7	46.1

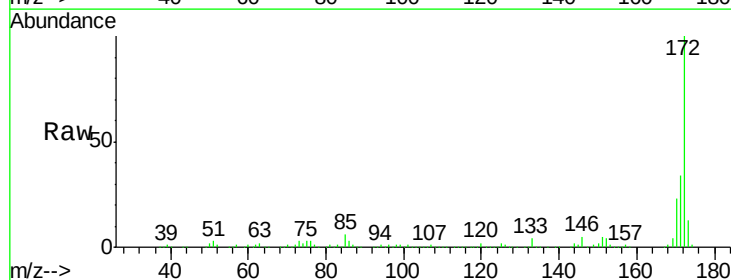


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

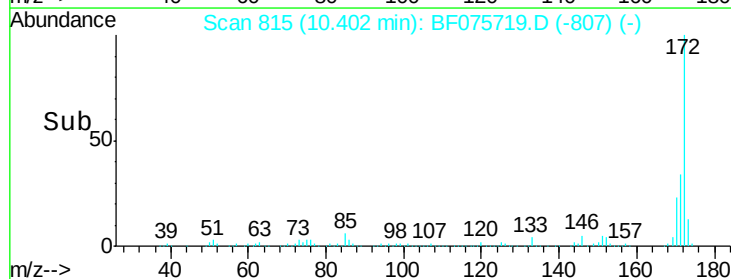
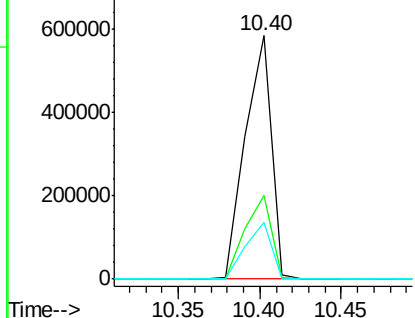


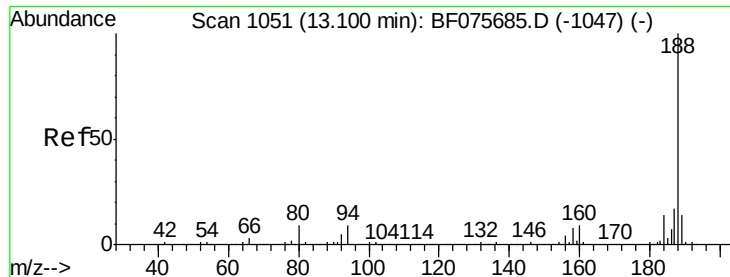
#44
2-Fluorobiphenyl
Concen: 76.82 ng
RT: 10.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF075719.D
Acq: 20 Nov 2014 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	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

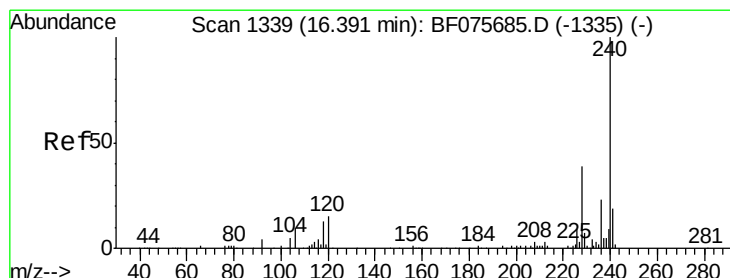
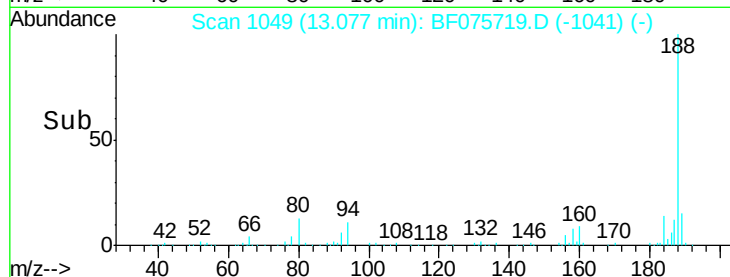
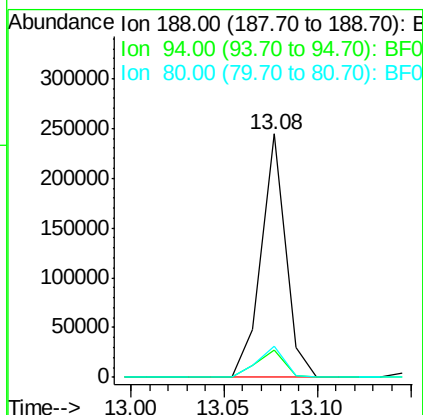
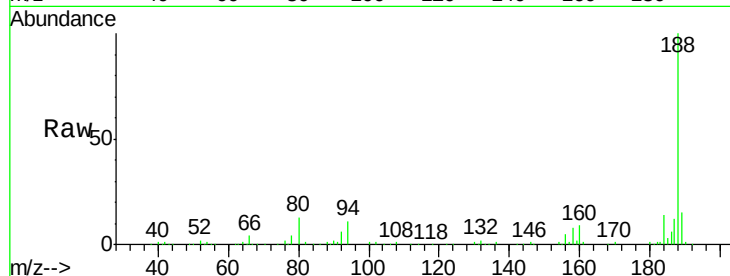




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075719.D
Acq: 20 Nov 2014 19:59

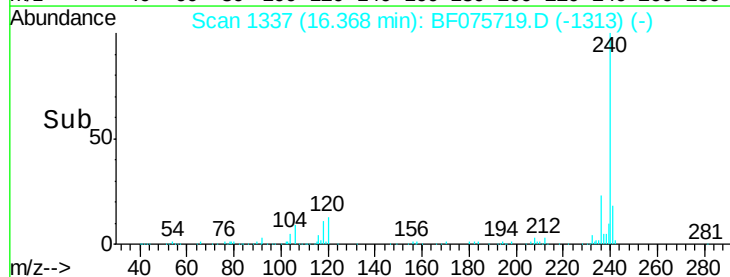
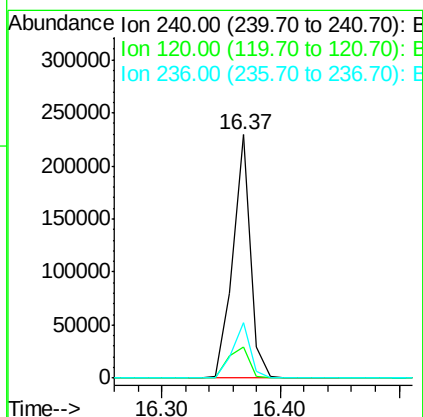
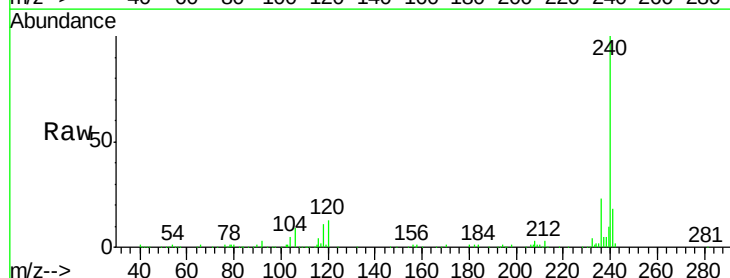
Instrument :
BNA_F
ClientSampled :

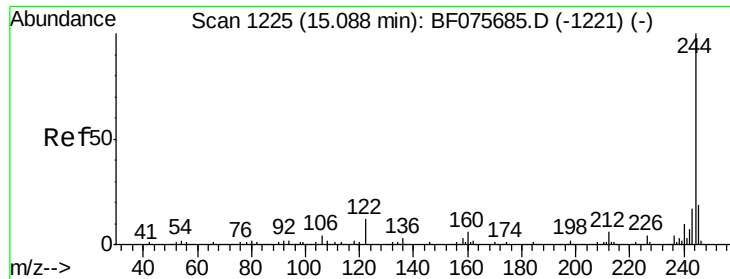
Tot Ion:188 Resp: 221235
Ion Ratio Lower Upper
188 100
94 11.0 7.8 11.6
80 12.8 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF075719.D
Acq: 20 Nov 2014 19:59

Tgt Ion:240 Resp: 235256
Ion Ratio Lower Upper
240 100
120 12.8 9.6 14.4
236 22.9 18.9 28.3

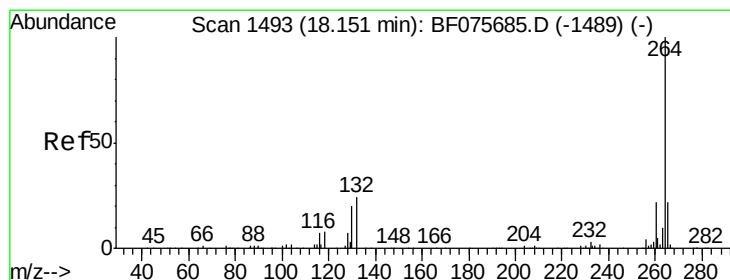
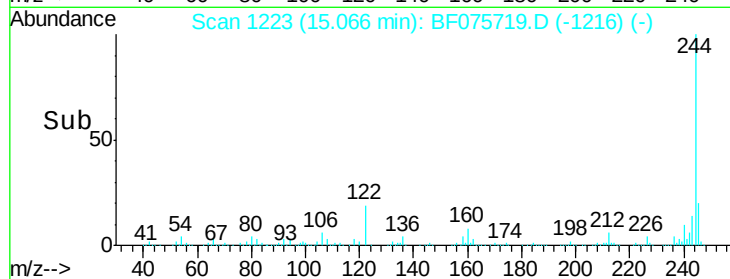
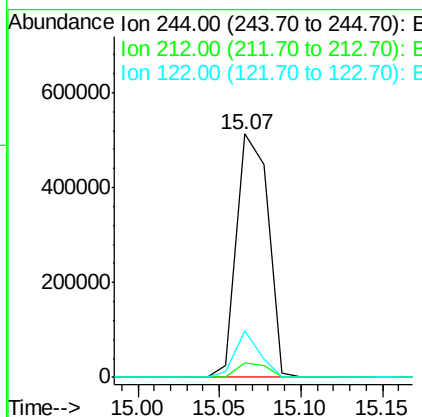
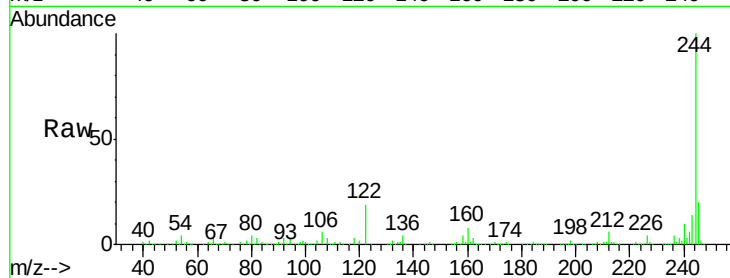




#78
 Terphenyl-d14
 Concen: 72.73 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF075719.D
 Acq: 20 Nov 2014 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 684092
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.5 8.3
 122 19.3 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.11 min Scan# 1489
 Delta R.T. -0.06 min
 Lab File: BF075719.D
 Acq: 20 Nov 2014 19:59

Tgt Ion:264 Resp: 243953
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.9 26.9
 265 19.9 16.3 24.5

