

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075533.D
 Acq On : 15 Nov 2014 11:07
 Operator : TP / JJ
 Sample : F4724-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

Quant Time: Nov 16 03:14:34 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

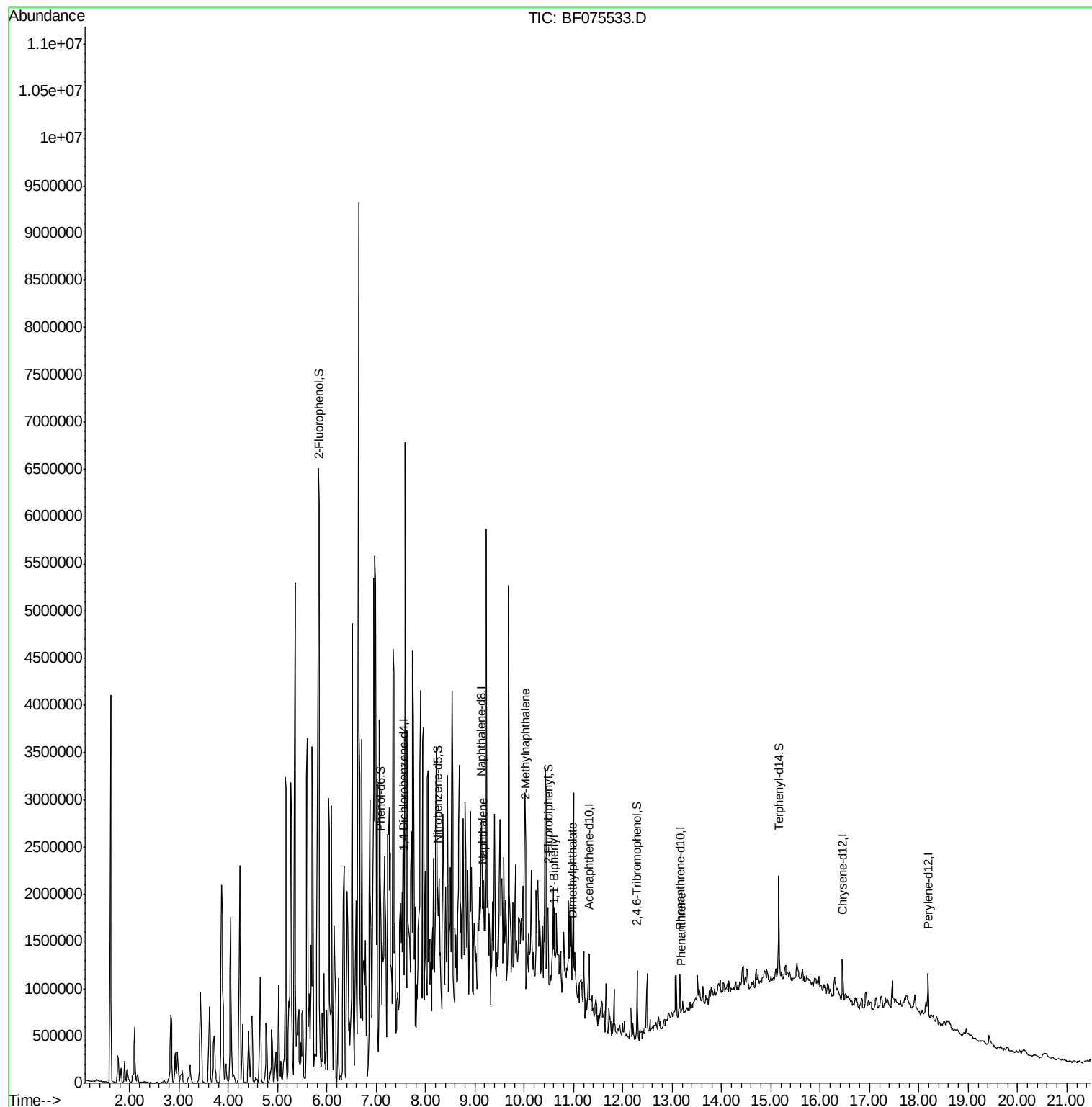
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46828	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	195414	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	107217	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	179989	20.00	ng	0.00
75) Chrysene-d12	16.45	240	198004	20.00	ng	-0.01
86) Perylene-d12	18.19	264	211506	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	239394	90.31	ng	0.01
7) Phenol-d6	7.09	99	369880	116.04	ng	0.00
23) Nitrobenzene-d5	8.24	82	298365	111.94	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	84921	94.56	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	392612	66.17	ng	0.00
78) Terphenyl-d14	15.16	244	422221	57.41	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.16	128	424453	48.72	ng	98
37) 2-Methylnaphthalene	10.02	142	442868	74.51	ng	97
45) 1,1'-Biphenyl	10.60	154	48801	6.75	ng	99
49) Dimethylphthalate	10.97	163	32290	4.41	ng	# 88
70) Phenanthrene	13.19	178	20216	2.13	ng	# 75

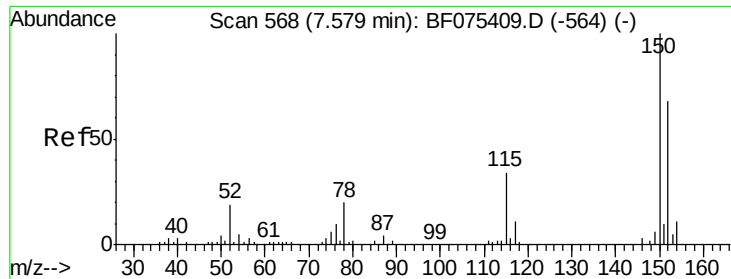
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S10-0041

Quant Time: Nov 16 03:14:34 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

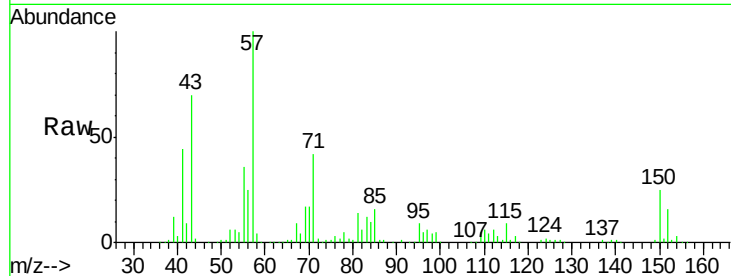
Tot Ion:152 Resp: 46828

Ion Ratio Lower Upper

152 100

150 157.4 127.2 190.8

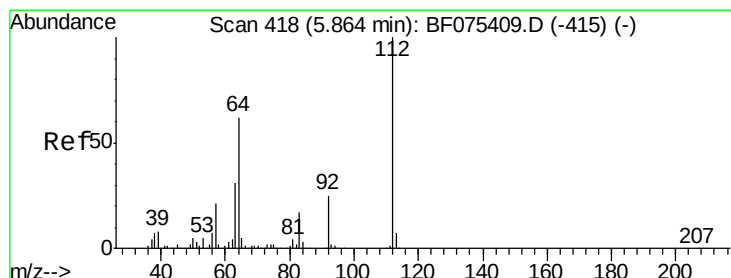
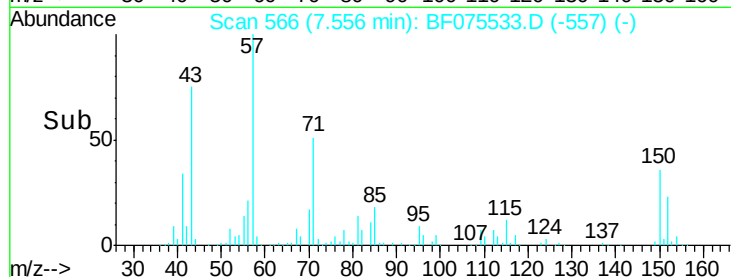
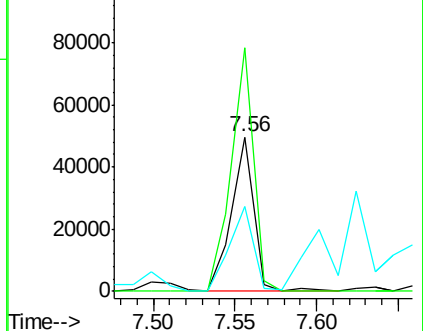
115 55.2 57.1 85.7#



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: 90.31 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

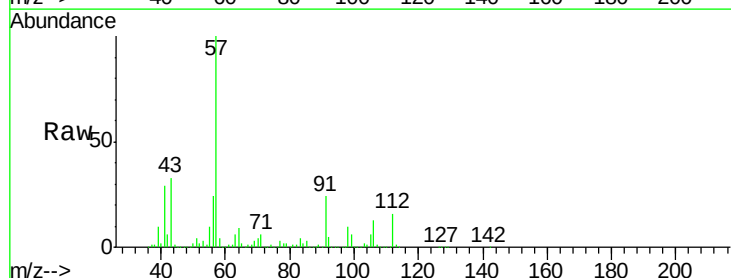
Tgt Ion:112 Resp: 239394

Ion Ratio Lower Upper

112 100

64 60.8 45.8 68.6

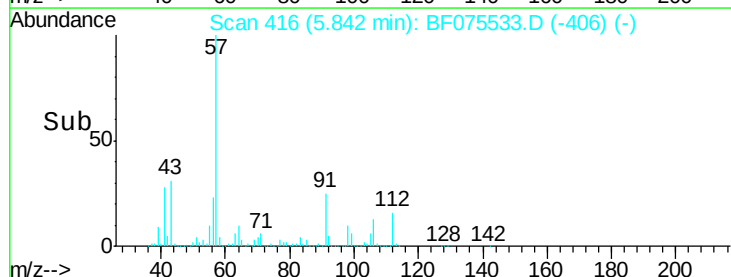
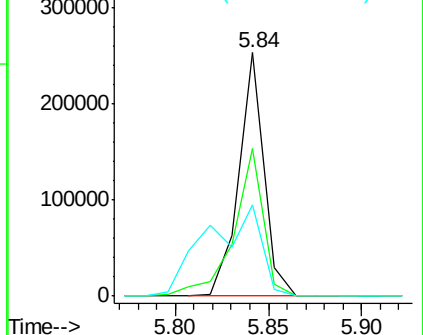
63 37.7 22.7 34.1#

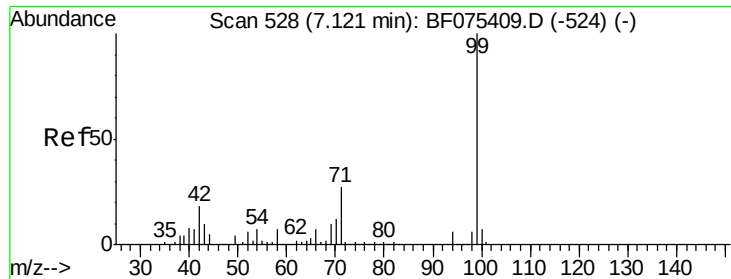


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.04 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

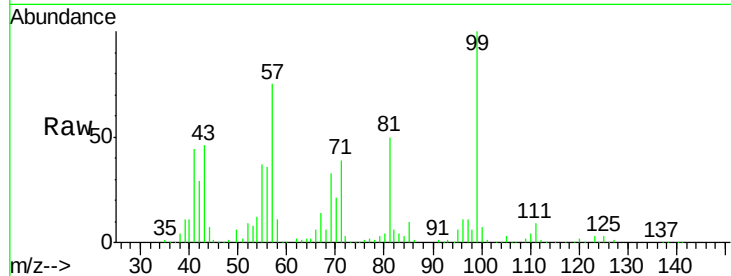
Tot Ion: 99 Resp: 369880

Ion Ratio Lower Upper

99 100

42 28.8 19.8 29.6

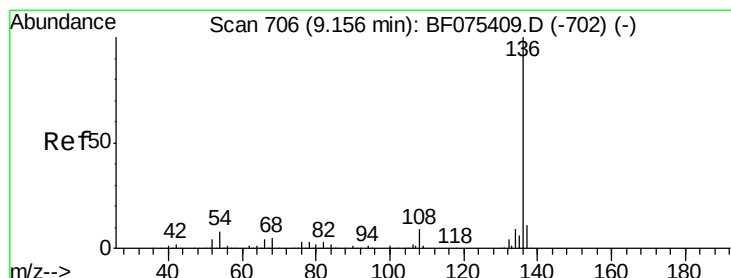
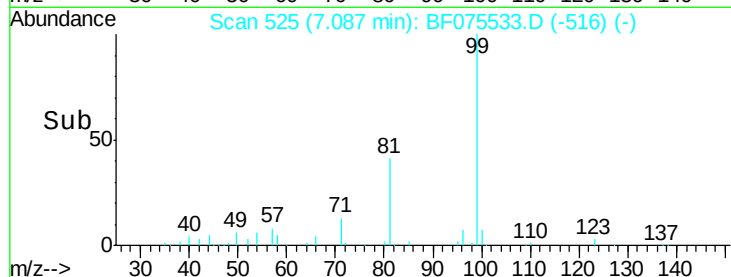
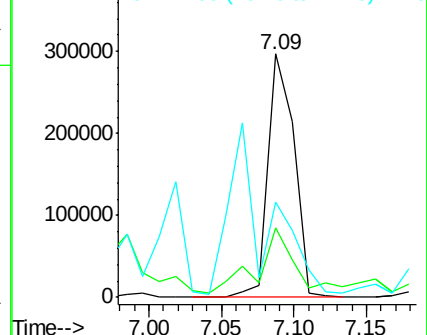
71 38.9 25.5 38.3#



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. 0.00 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Tgt Ion: 136 Resp: 195414

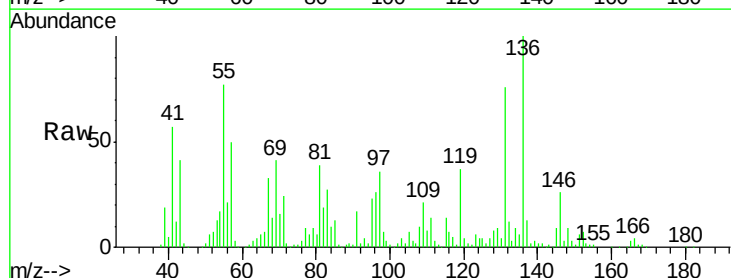
Ion Ratio Lower Upper

136 100

137 13.3 8.2 12.4#

54 16.8 6.2 9.4#

68 13.7 3.4 5.2#

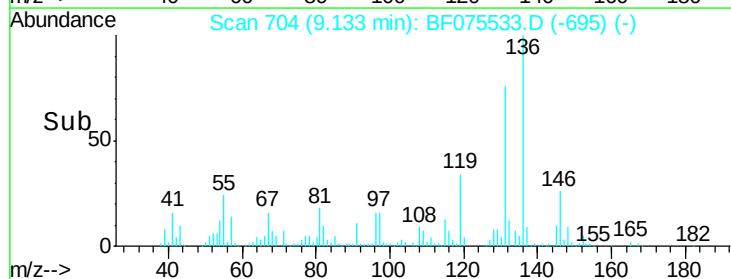
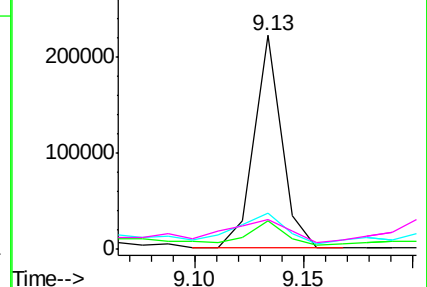


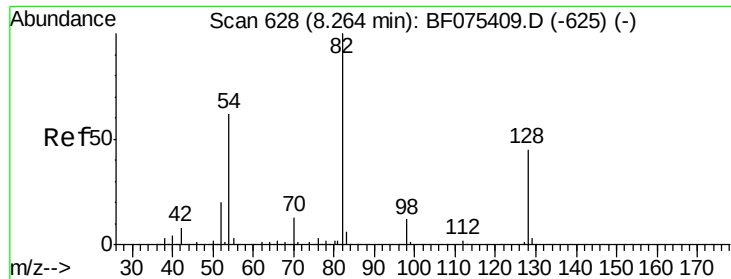
Abundance Ion 136.00 (135.70 to 136.70): E

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

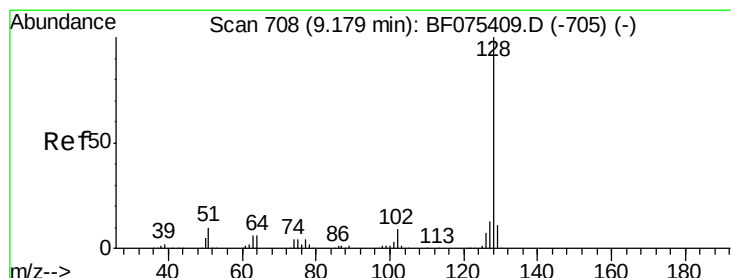
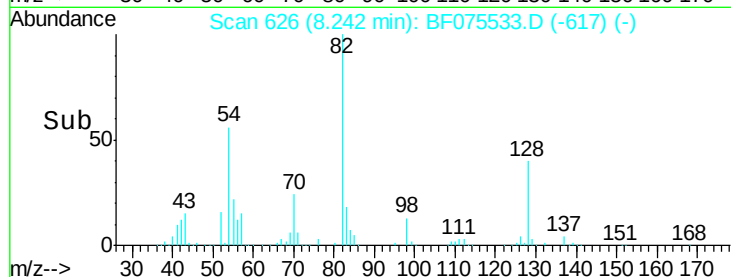
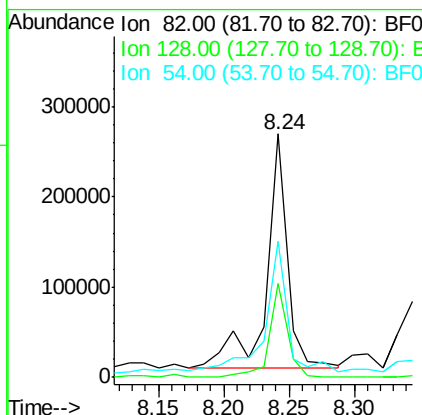
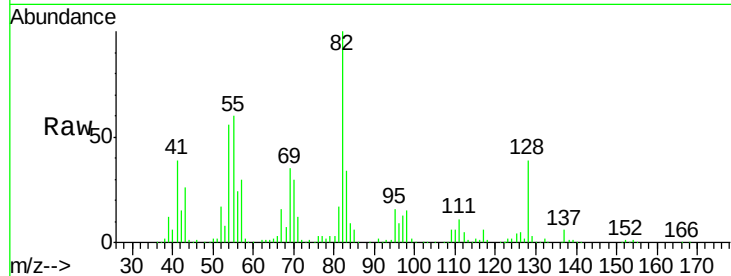




#23
 Nitrobenzene-d5
 Concen: 111.94 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

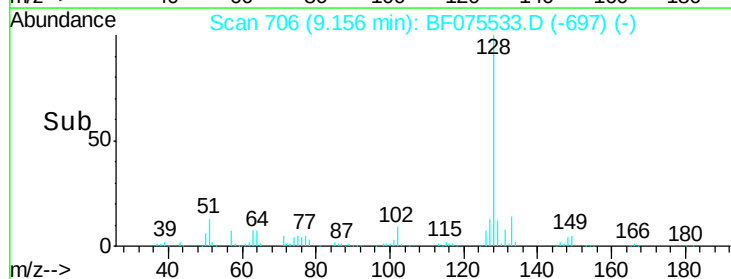
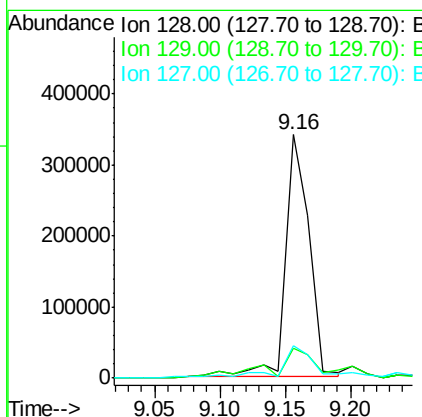
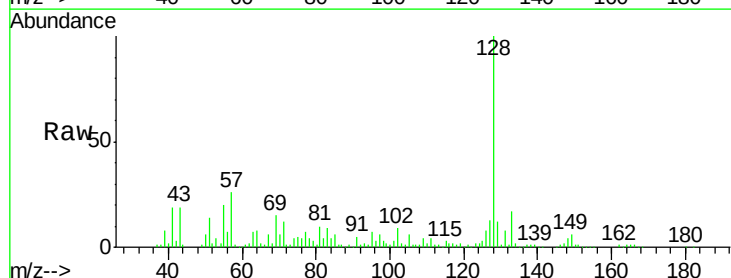
Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

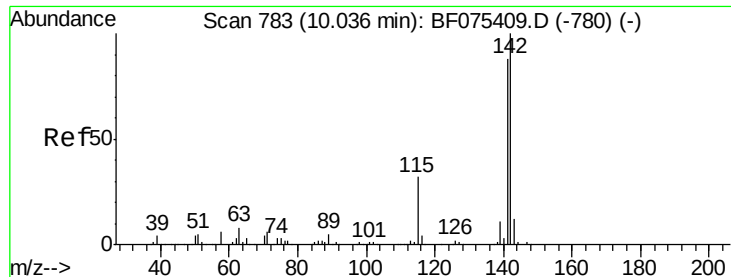
Tot Ion	82	Resp	298365
Ion Ratio	100	Lower	Upper
128	38.7	37.8	56.6
54	56.1	49.8	74.8



#31
 Naphthalene
 Concen: 48.72 ng
 RT: 9.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Tgt Ion	128	Resp	424453
Ion Ratio	100	Lower	Upper
129	12.4	9.0	13.4
127	13.4	10.2	15.4

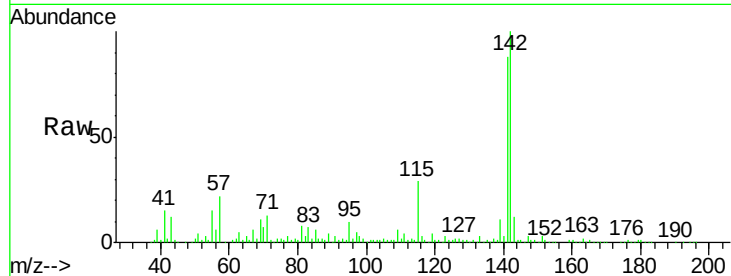




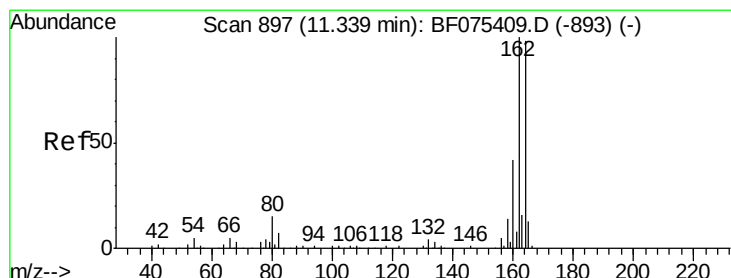
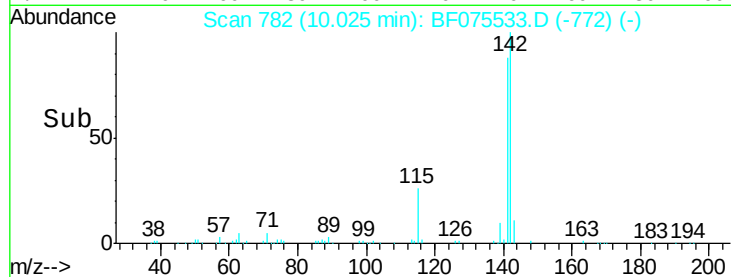
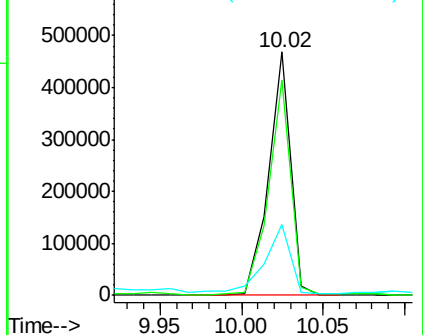
#37
2-Methylnaphthalene
Concen: 74.51 ng
RT: 10.02 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

Instrument :
BNA_F
ClientSampleId :
S10-0041

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.9	104.9
115	29.2	27.6	41.4

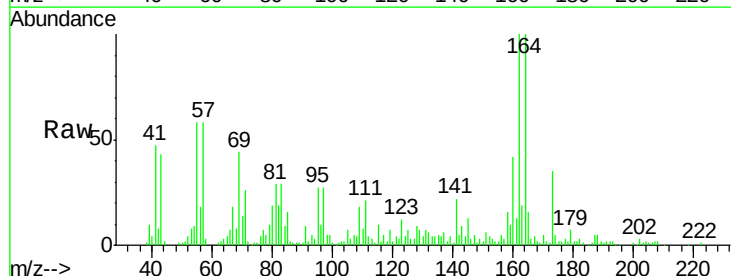


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

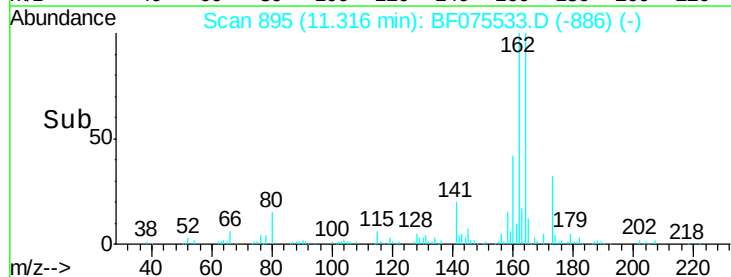
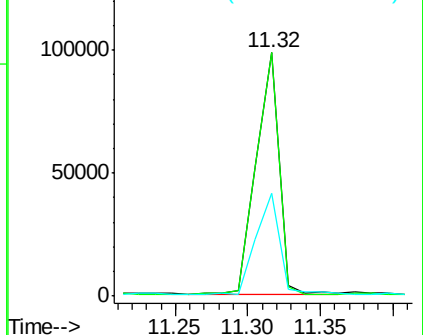


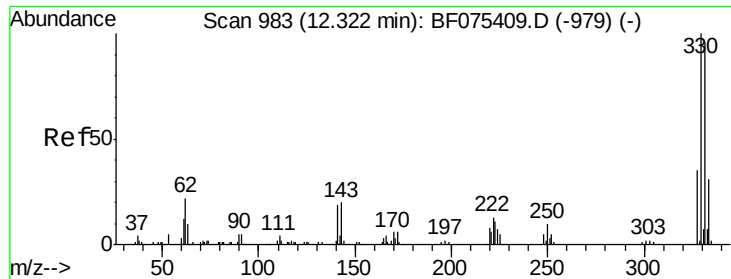
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.1	118.7
160	42.2	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

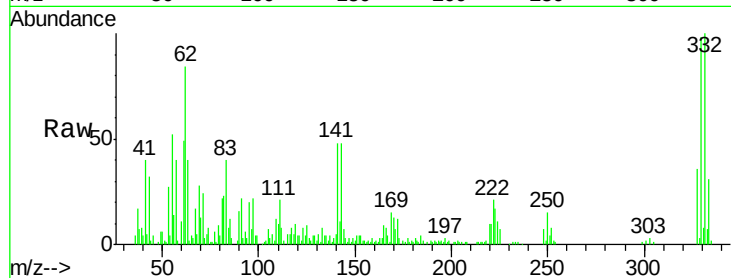




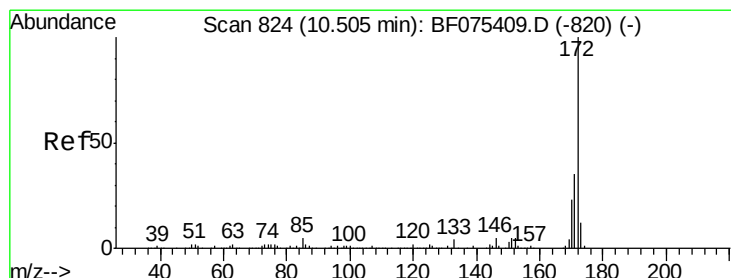
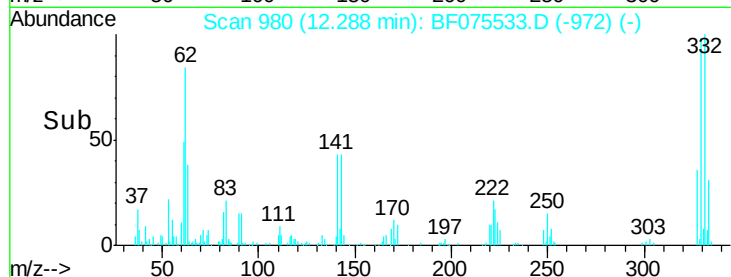
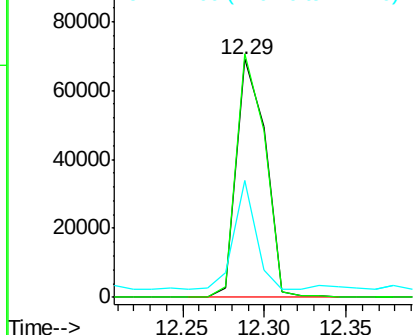
#41
 2,4,6-Tribromophenol
 Concen: 94.56 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

Tot Ion:330 Resp: 84921
 Ion Ratio Lower Upper
 330 100
 332 100.7 74.5 111.7
 141 34.4 30.7 46.1

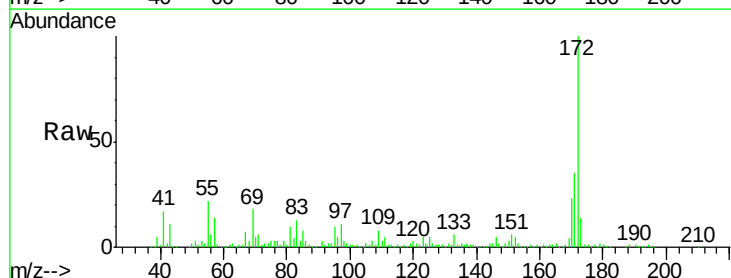


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

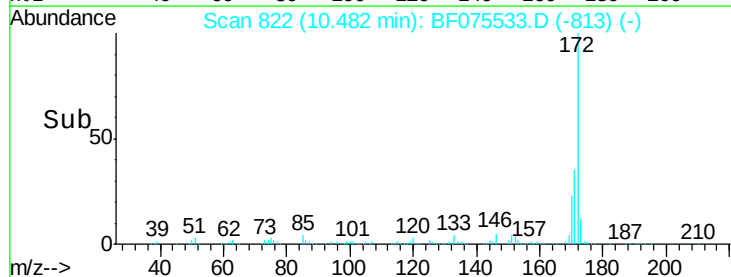
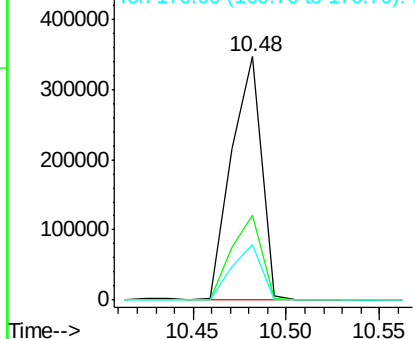


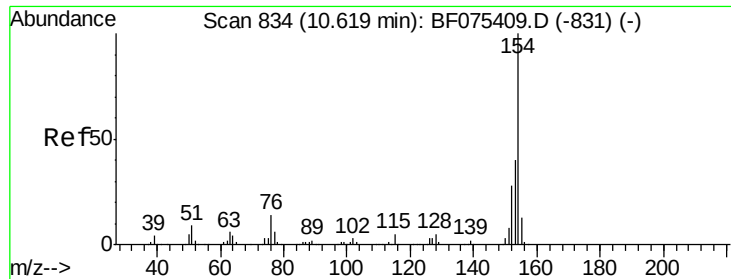
#44
 2-Fluorobiphenyl
 Concen: 66.17 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Tgt Ion:172 Resp: 392612
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.3 40.9
 170 23.0 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

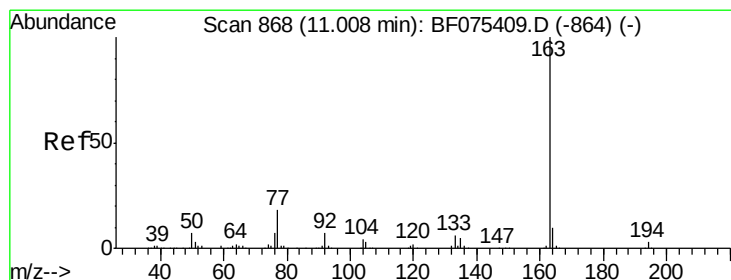
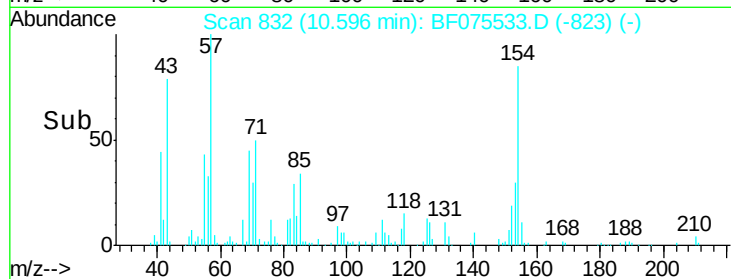
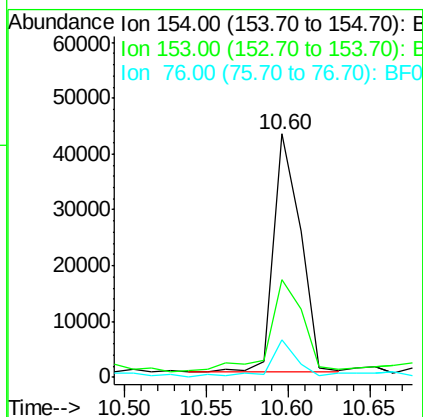
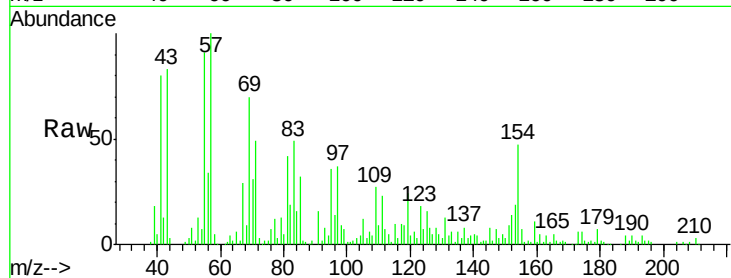




#45
1,1'-Biphenyl
Concen: 6.75 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

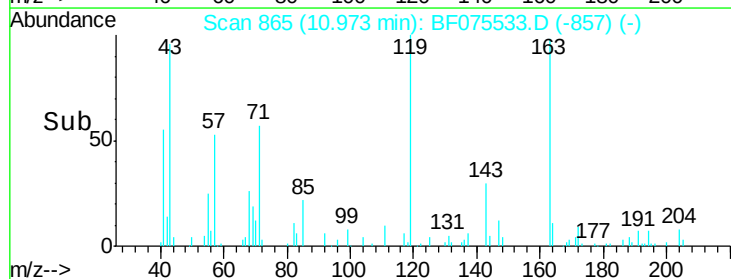
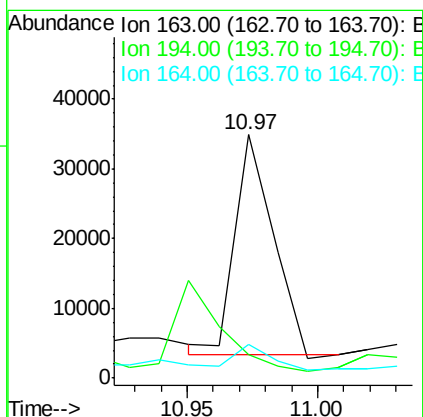
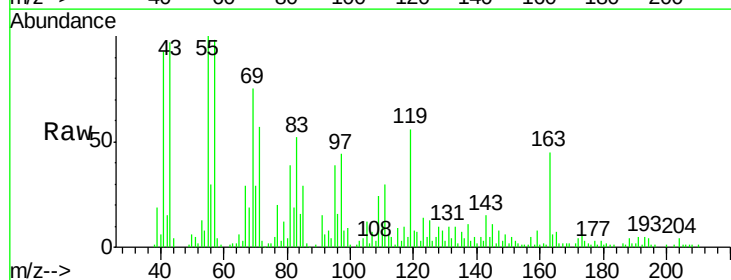
Instrument :
BNA_F
ClientSampled :
S10-0041

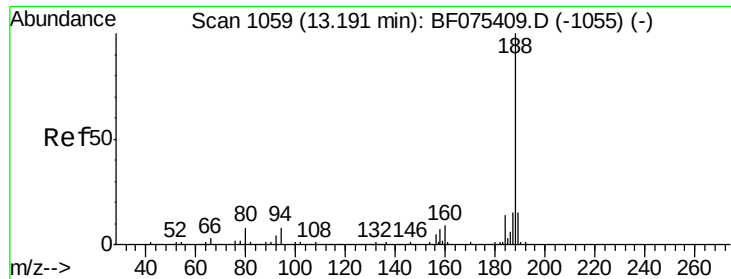
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.3	59.3
76	15.3	0.0	35.0



#49
Dimethylphthalate
Concen: 4.41 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	9.5	2.7	4.1#
164	13.9	8.0	12.0#

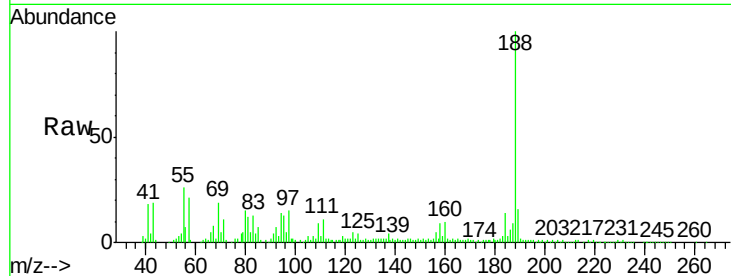




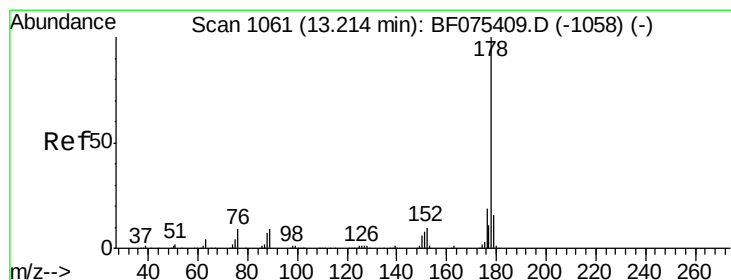
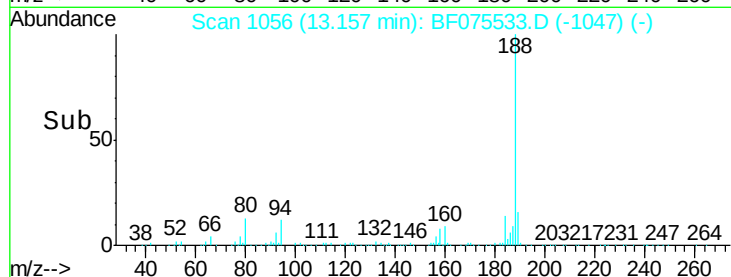
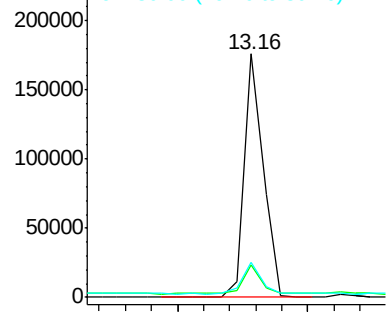
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

Instrument :
BNA_F
ClientSampleId :
S10-0041

Tot Ion:188 Resp: 179989
Ion Ratio Lower Upper
188 100
94 13.5 7.8 11.6#
80 14.5 8.0 12.0#

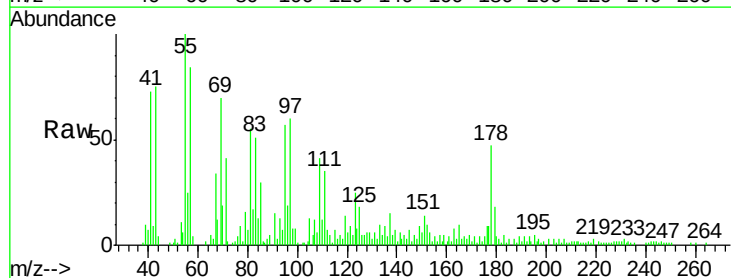


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

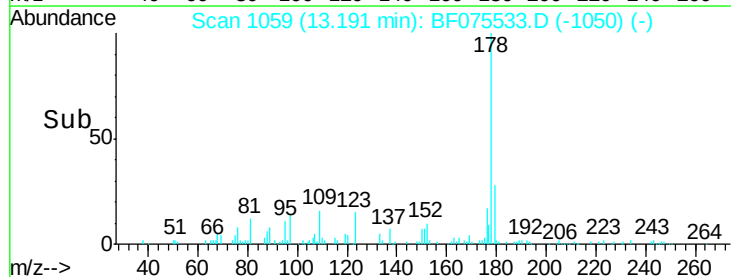
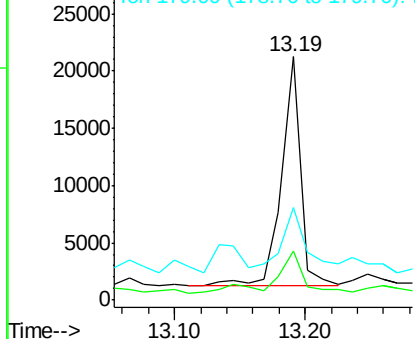


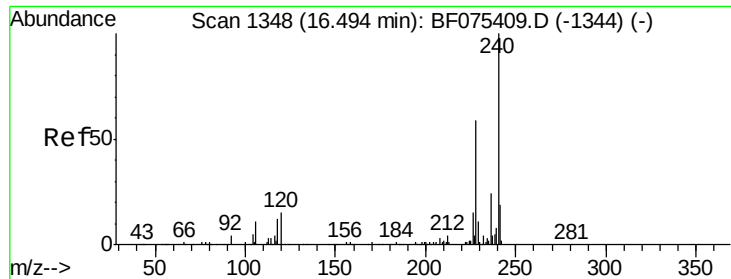
#70
Phenanthrene
Concen: 2.13 ng
RT: 13.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF075533.D
Acq: 15 Nov 2014 11:07

Tgt Ion:178 Resp: 20216
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 38.0 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

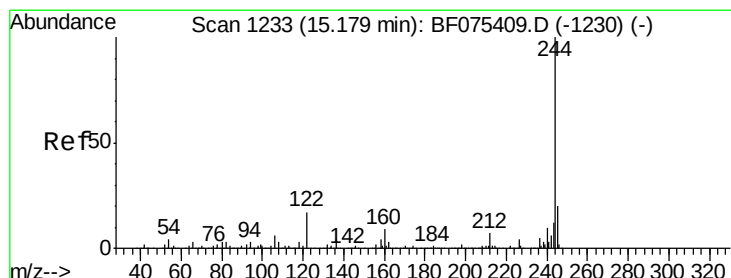
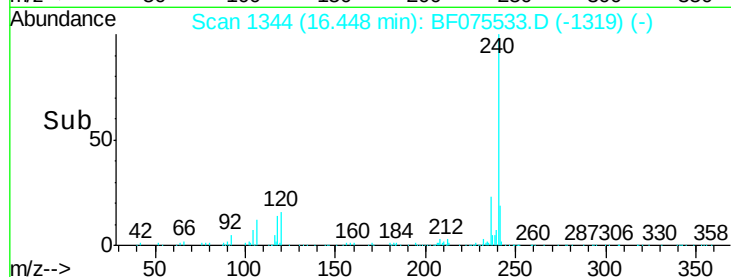
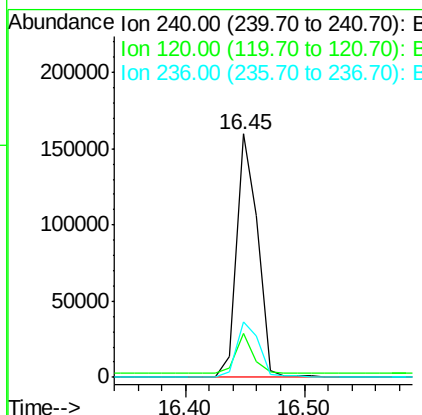
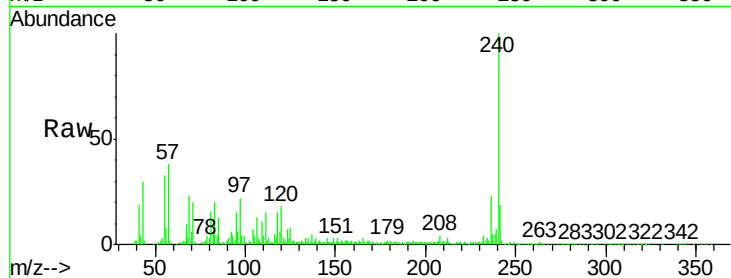




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

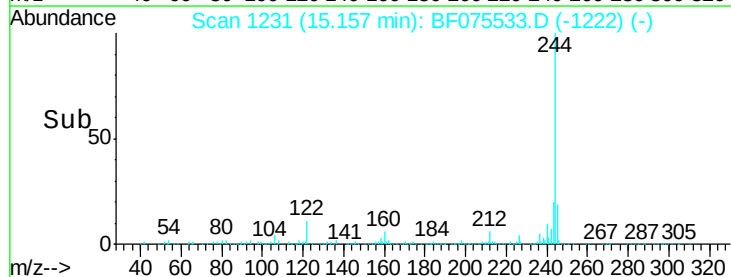
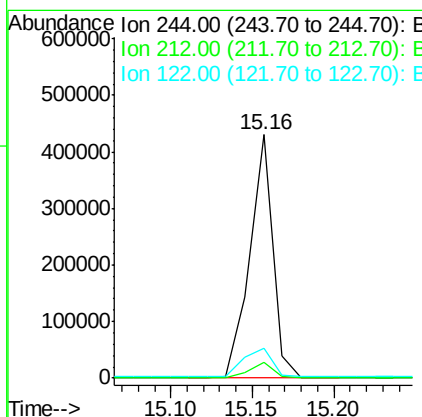
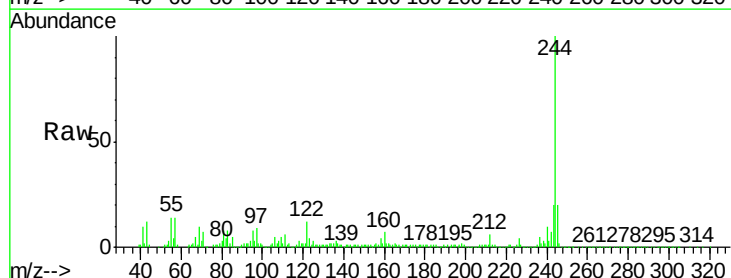
Instrument :
 BNA_F
 ClientSampleId :
 S10-0041

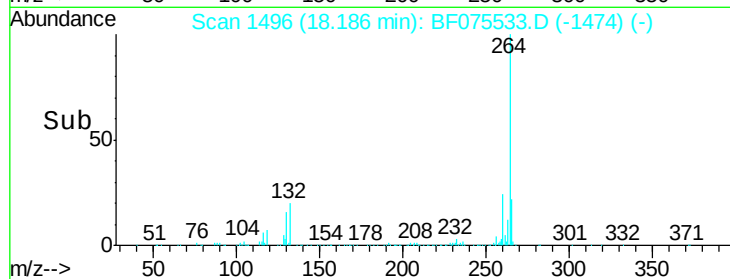
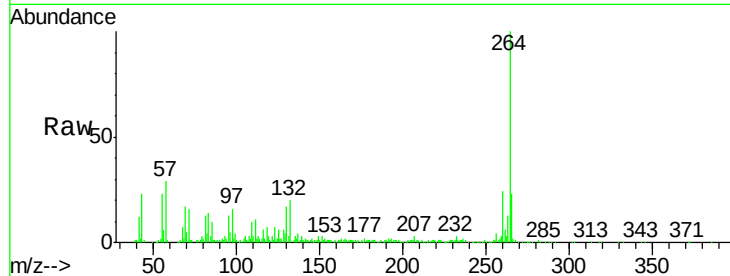
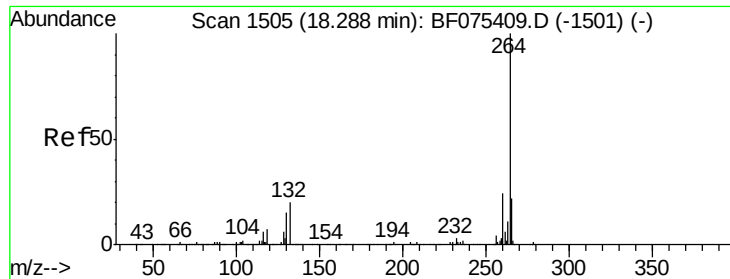
Tot Ion:240 Resp: 198004
 Ion Ratio Lower Upper
 240 100
 120 18.0 9.6 14.4#
 236 22.9 18.9 28.3



#78
 Terphenyl-d14
 Concen: 57.41 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075533.D
 Acq: 15 Nov 2014 11:07

Tgt Ion:244 Resp: 422221
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 12.2 9.7 14.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 18.19 min Scan# 1496

Delta R.T. -0.05 min

Lab File: BF075533.D

Acq: 15 Nov 2014 11:07

Instrument :

BNA_F

ClientSampleId :

S10-0041

Tot Ion: 264 Resp: 211506

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

265 22.6 16.3 24.5

