

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082509.D
 Acq On : 24 Oct 2015 13:00
 Operator : UM/IZ
 Sample : G4119-13RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Quant Time: Oct 24 23:24:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

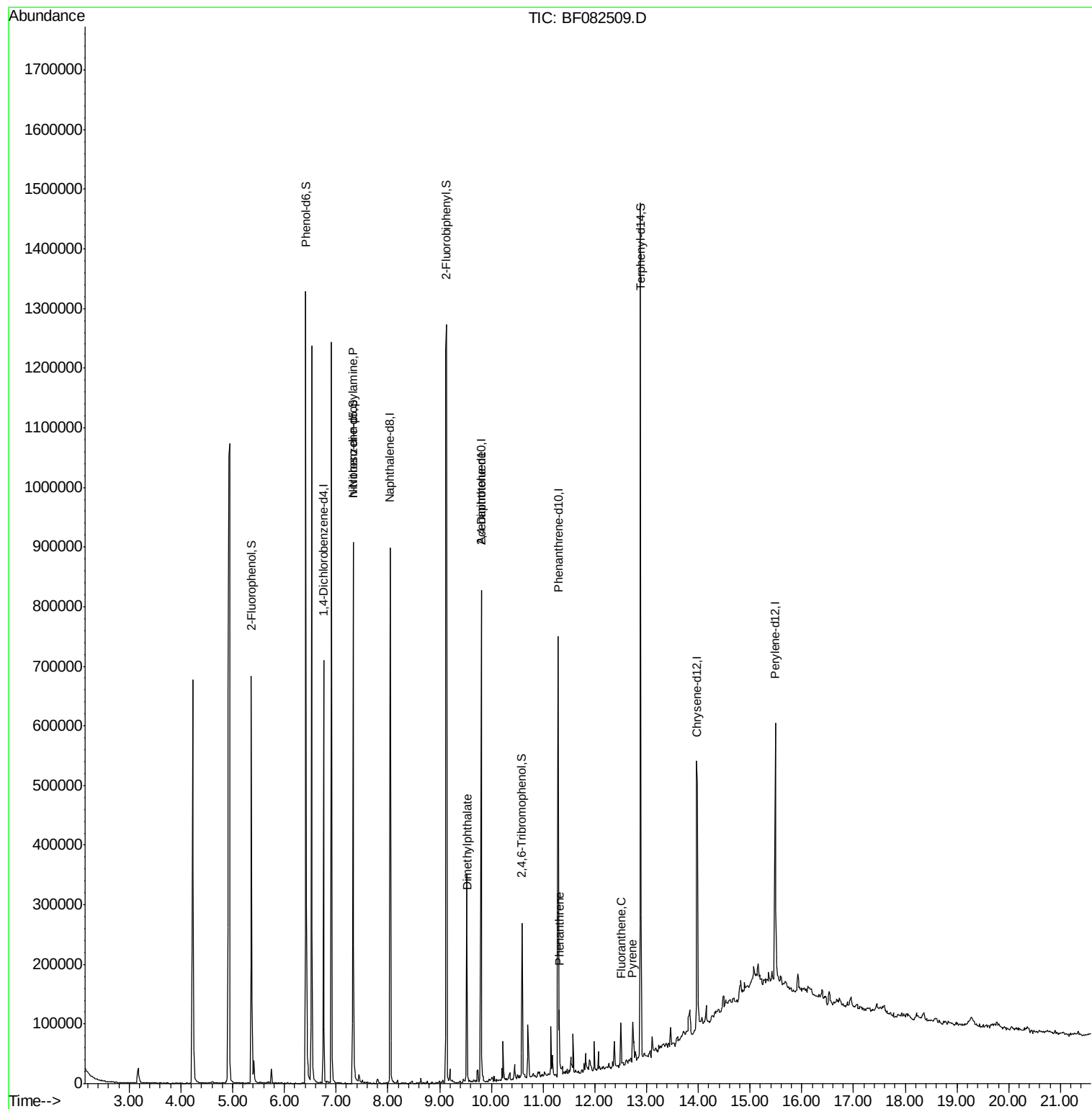
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	105900	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	400038	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	179918	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	284178	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237774	20.00	ng	-0.06
86) Perylene-d12	15.49	264	204802	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	220365	42.00	ng	0.01
7) Phenol-d6	6.41	99	511338	74.88	ng	-0.01
23) Nitrobenzene-d5	7.33	82	322523	54.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	28879	17.12	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	660148	60.85	ng	0.00
78) Terphenyl-d14	12.88	244	446768	49.79	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	41781	8.71	ng	# 81
49) Dimethylphthalate	9.53	163	203216	16.04	ng	# 97
55) 4-Nitrophenol	10.01	139	657	Below Cal		# 11
56) 2,4-Dinitrotoluene	9.81	165	23221	6.95	ng	# 22
70) Phenanthrene	11.31	178	39782	2.86	ng	97
74) Fluoranthene	12.50	202	30613	2.05	ng	98
77) Pyrene	12.73	202	29469	2.09	ng	98

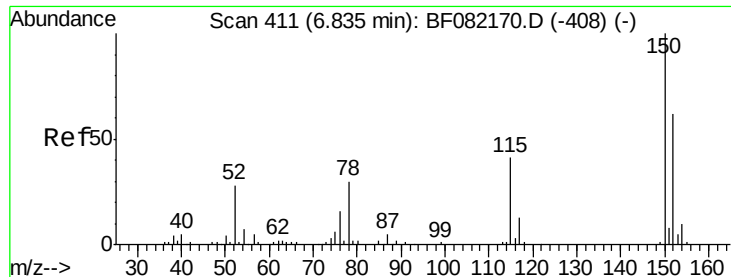
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB15-08-10-10.5

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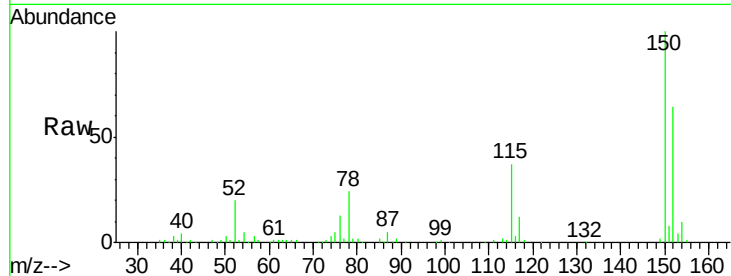


#1

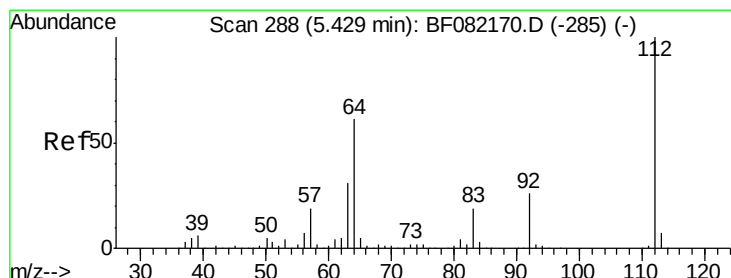
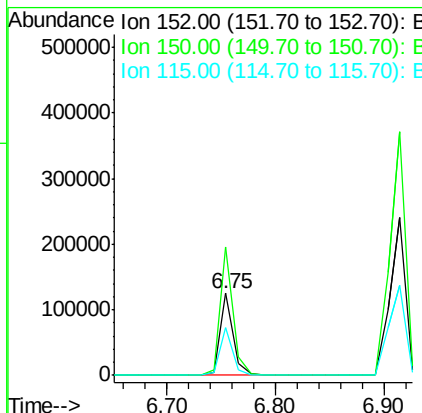
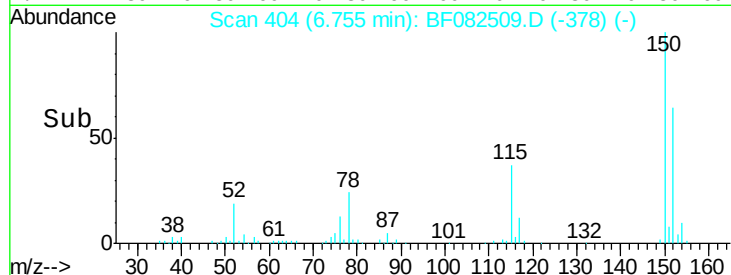
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF082509.D
 Acq: 24 Oct 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Tgt Ion:152 Resp: 105900
 Ion Ratio Lower Upper
 152 100
 150 157.2 129.0 193.4
 115 57.4 52.1 78.1



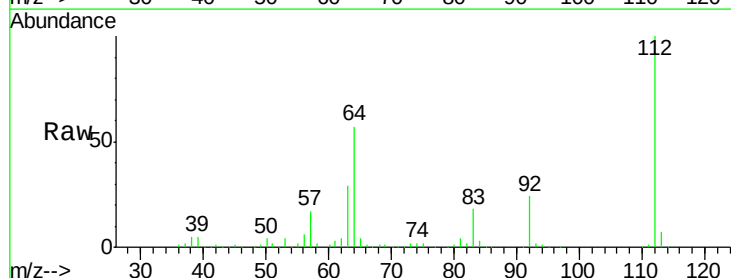
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



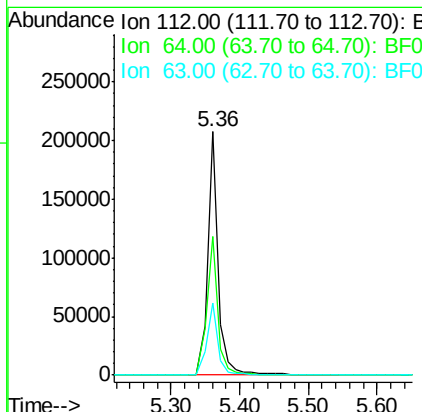
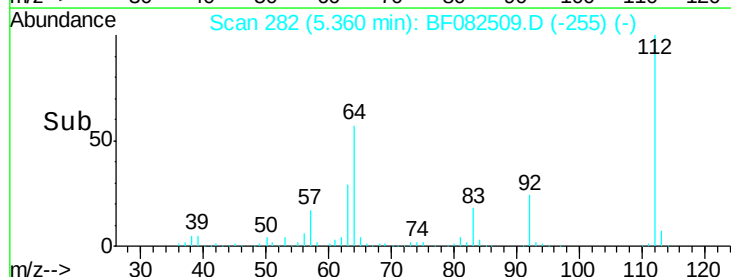
#5

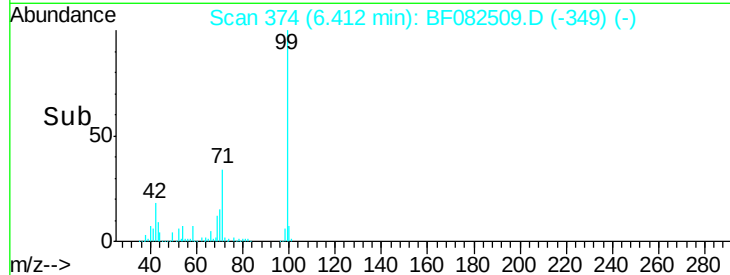
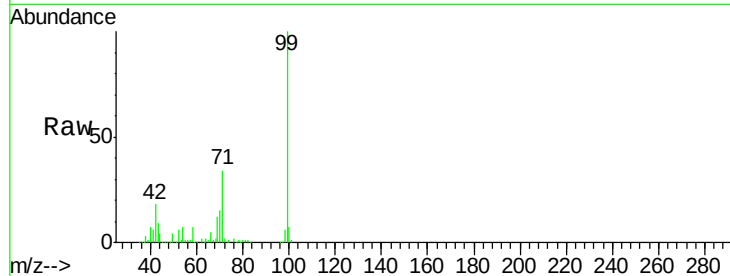
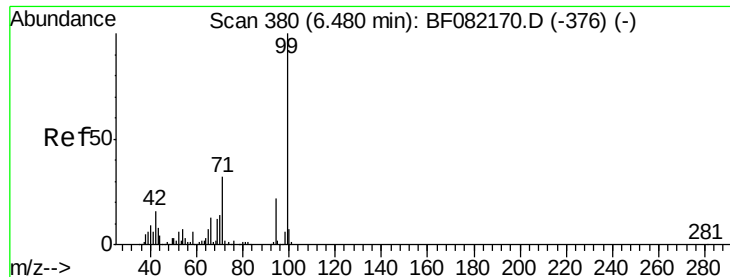
2-Fluorophenol
 Concen: 42.00 ng
 RT: 5.36 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF082509.D
 Acq: 24 Oct 2015 13:00

Tgt Ion:112 Resp: 220365
 Ion Ratio Lower Upper
 112 100
 64 56.7 48.6 73.0
 63 29.4 25.1 37.7



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: 74.88 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082509.D

Acq: 24 Oct 2015 13:00

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

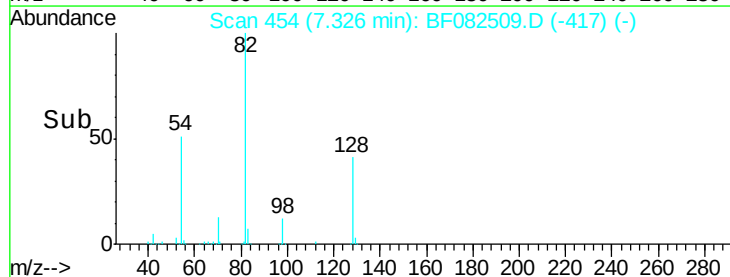
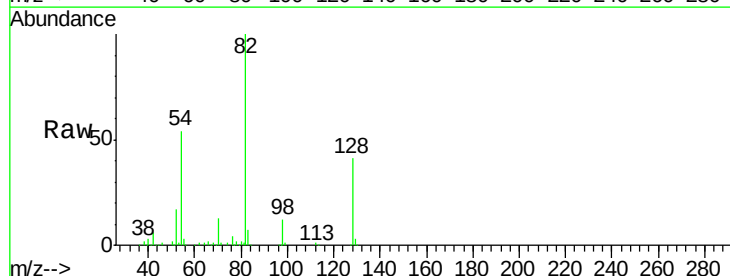
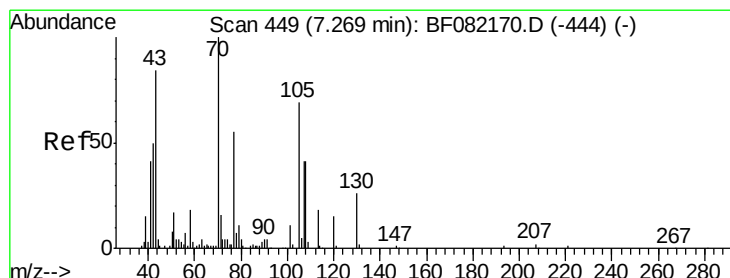
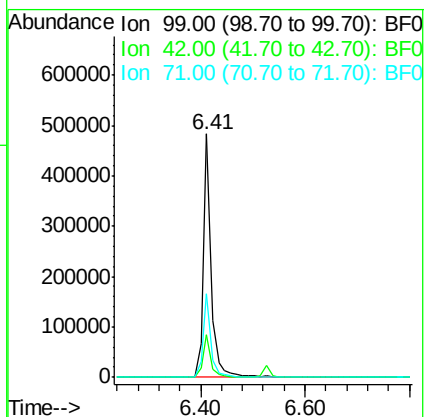
Tgt Ion: 99 Resp: 511338

Ion Ratio Lower Upper

99 100

42 17.7 13.2 19.8

71 34.5 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 8.71 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF082509.D

Acq: 24 Oct 2015 13:00

Tgt Ion: 70 Resp: 41781

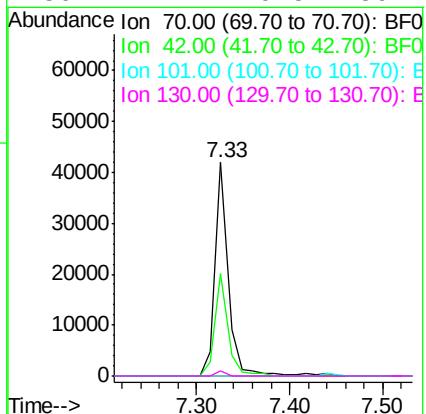
Ion Ratio Lower Upper

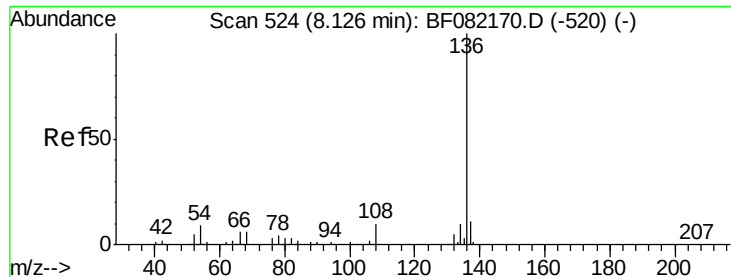
70 100

42 47.9 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

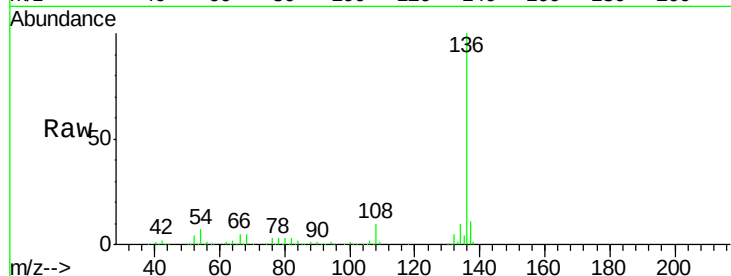




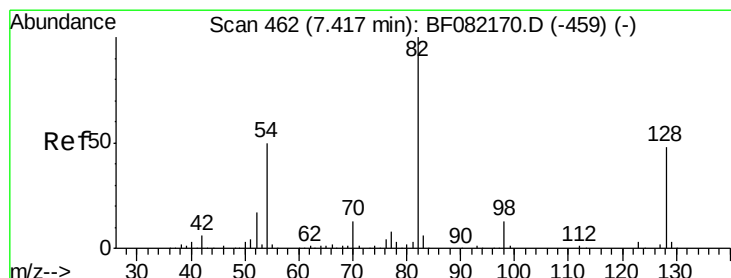
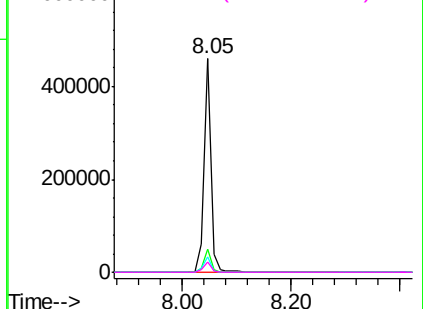
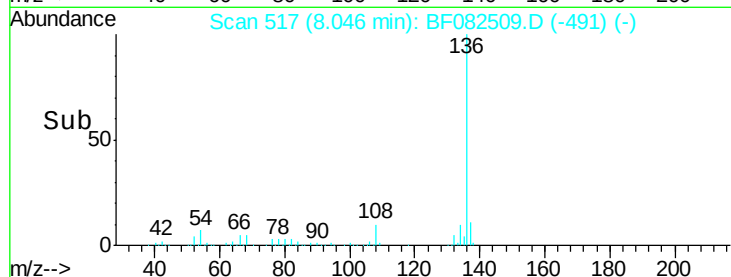
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082509.D
Acq: 24 Oct 2015 13:00

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion:	136	Resp:	400038
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.5	7.5	11.3#
68	5.1	4.6	7.0

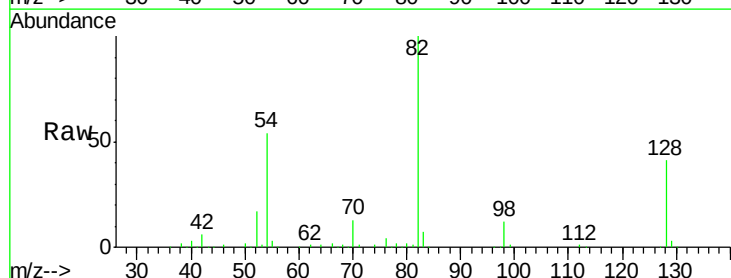


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

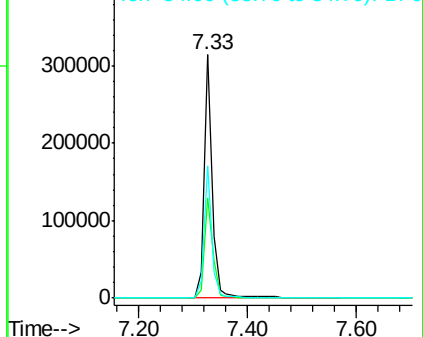
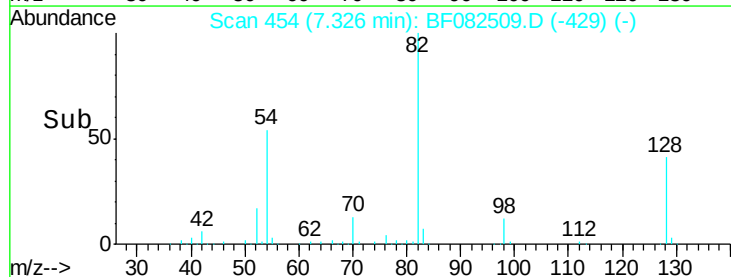


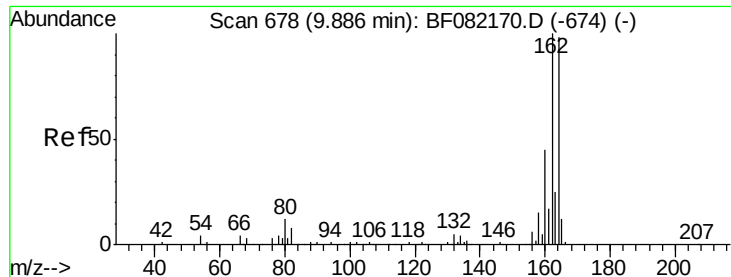
#23
Nitrobenzene-d5
Concen: 54.14 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082509.D
Acq: 24 Oct 2015 13:00

Tgt Ion:	82	Resp:	322523
Ion	Ratio	Lower	Upper
82	100		
128	41.3	38.7	58.1
54	54.4	40.1	60.1



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: 9.81 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF082509.D

Acq: 24 Oct 2015 13:00

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

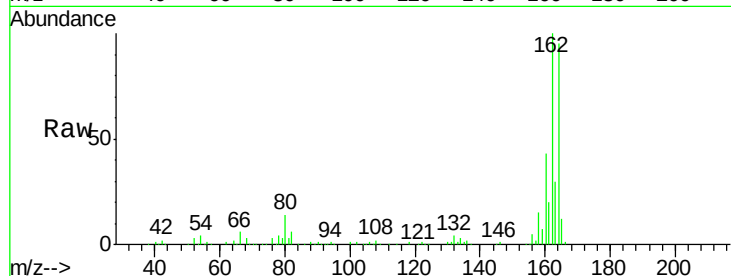
Tgt Ion:164 Resp: 179918

Ion Ratio Lower Upper

164 100

162 105.3 81.6 122.4

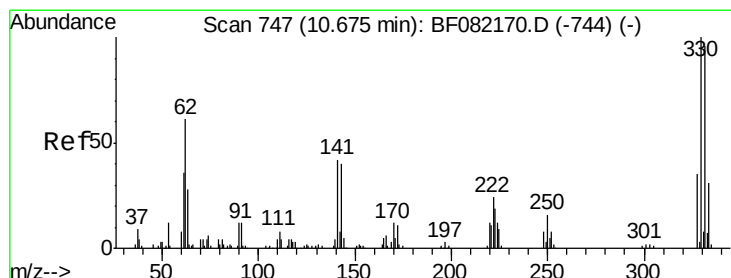
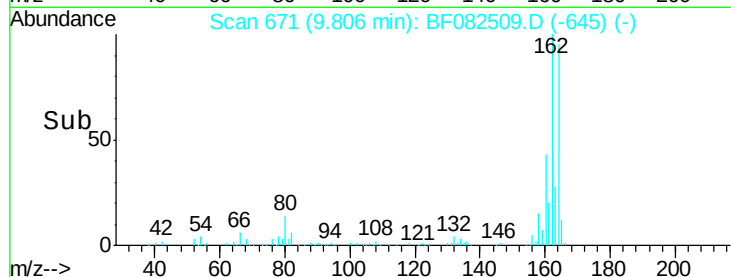
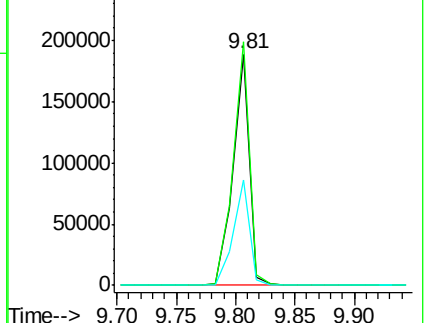
160 45.5 36.4 54.6



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: 17.12 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082509.D

Acq: 24 Oct 2015 13:00

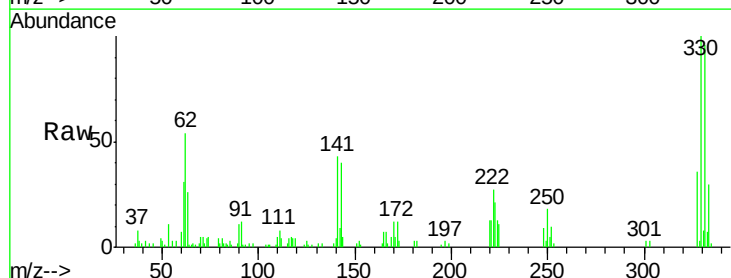
Tgt Ion:330 Resp: 28879

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

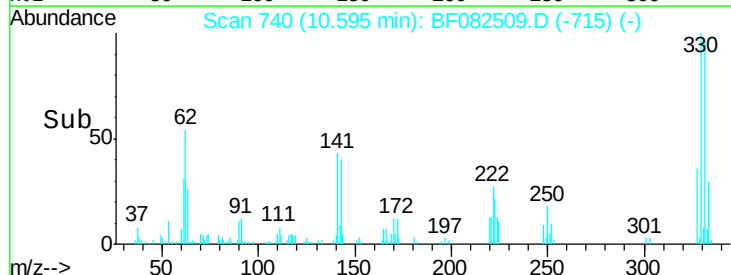
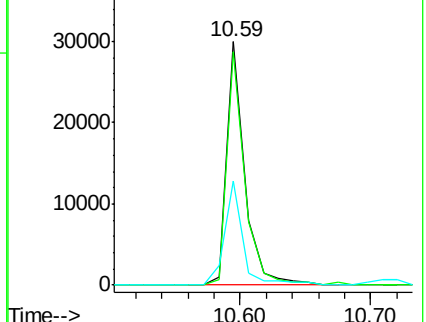
141 43.9 29.8 44.8

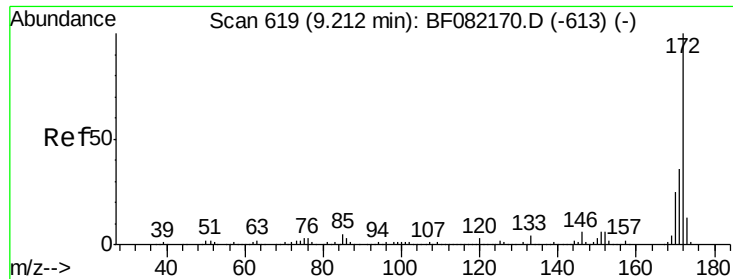


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

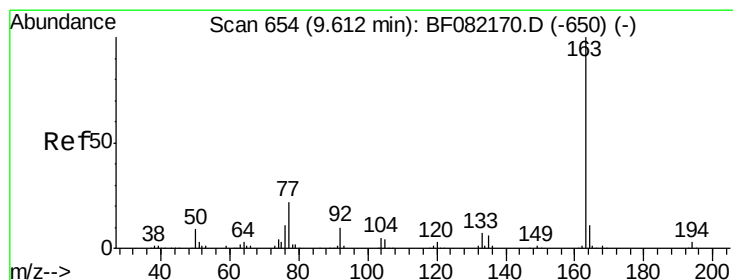
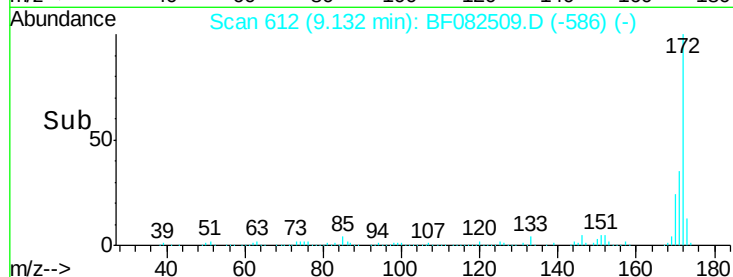
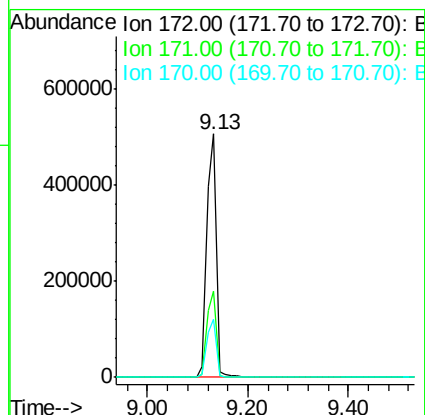
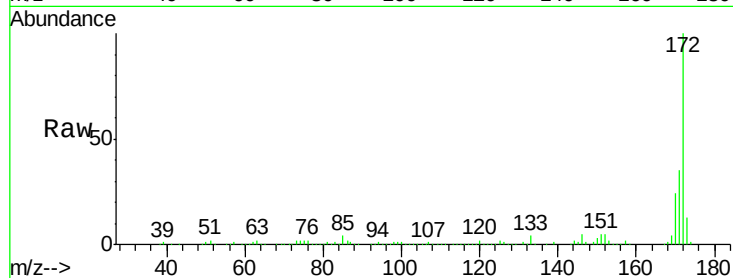




#44
2-Fluorobiphenyl
Concen: 60.85 ng
RT: 9.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF082509.D
Acq: 24 Oct 2015 13:00

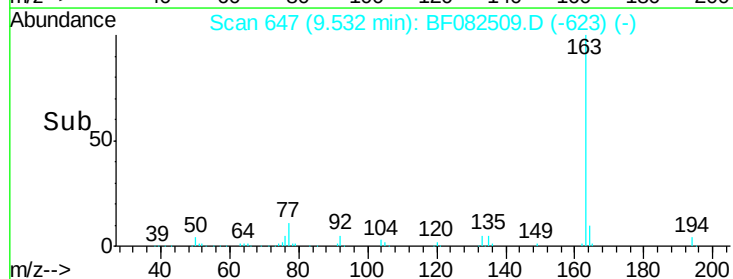
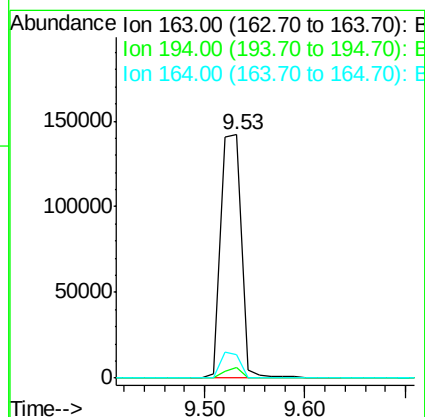
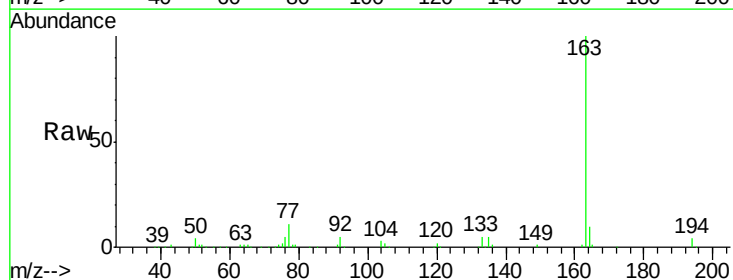
Instrument :
BNA_F
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SB15-08-10-10.5

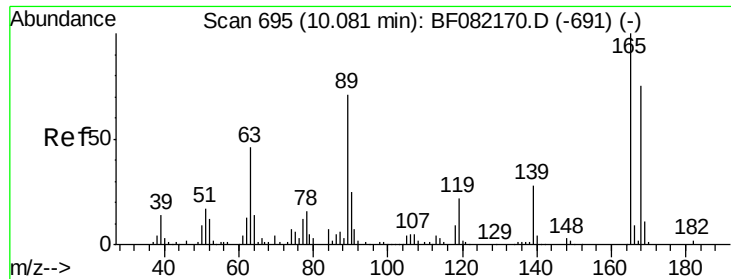
Tgt Ion:172 Resp: 660148
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.6 19.7 29.5



#49
Dimethylphthalate
Concen: 16.04 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082509.D
Acq: 24 Oct 2015 13:00

Tgt Ion:163 Resp: 203216
Ion Ratio Lower Upper
163 100
194 4.2 2.6 4.0#
164 9.6 8.5 12.7

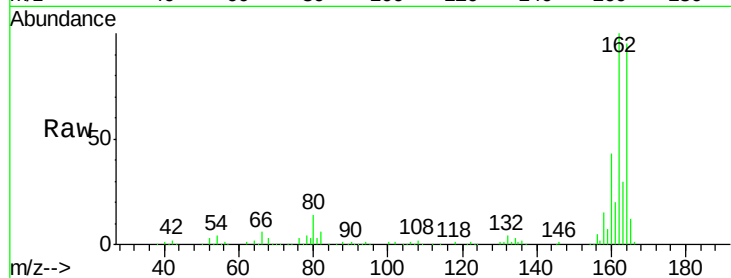




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF082509.D
 Acq: 24 Oct 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Tgt Ion:	165	Resp:	23221
Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	1.5	57.0	85.6#
182	0.0	1.8	2.6#

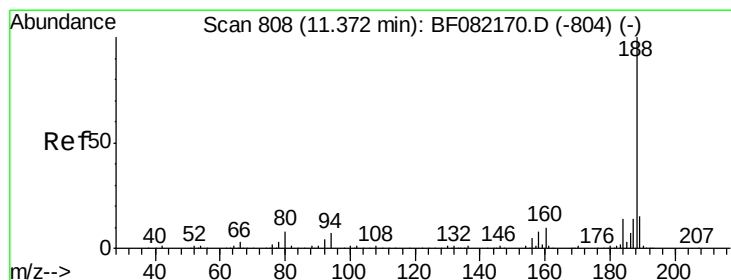
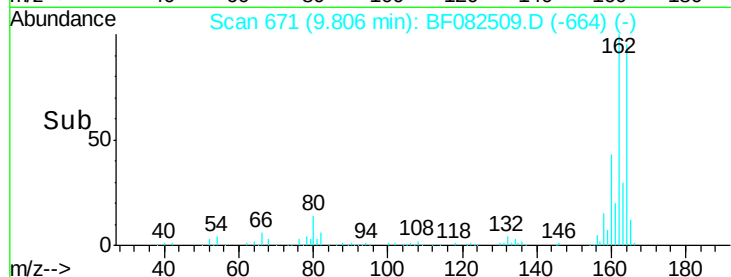
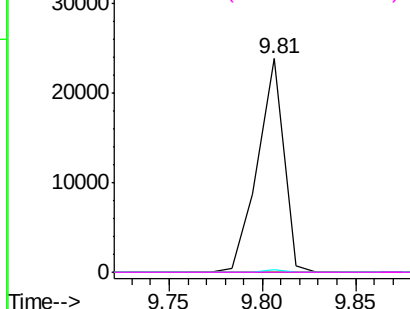


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

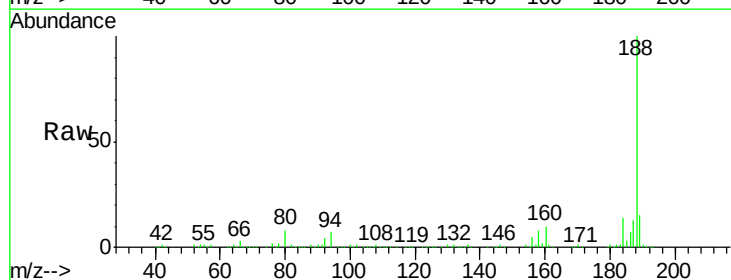
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF082509.D
 Acq: 24 Oct 2015 13:00

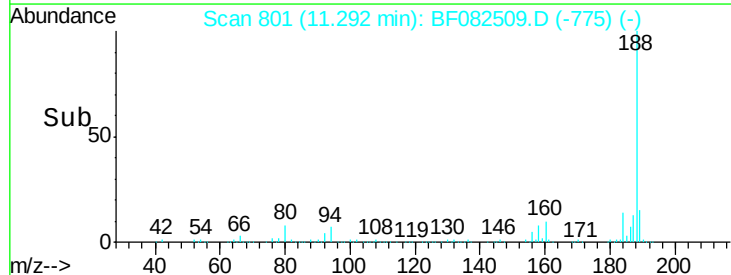
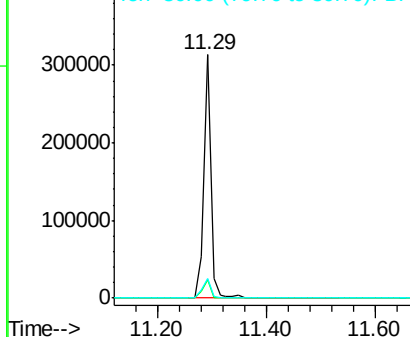
Tgt Ion:	188	Resp:	284178
Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	7.9	6.4	9.6

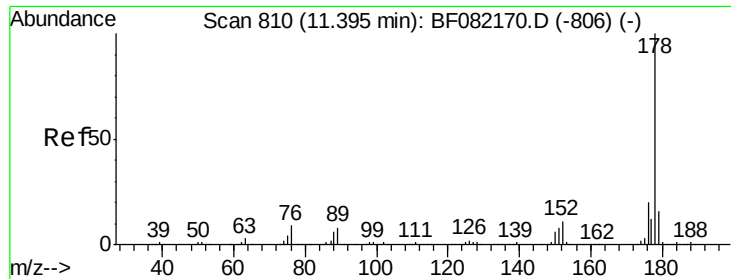


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

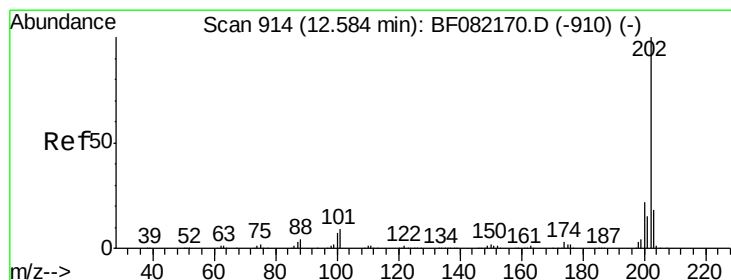
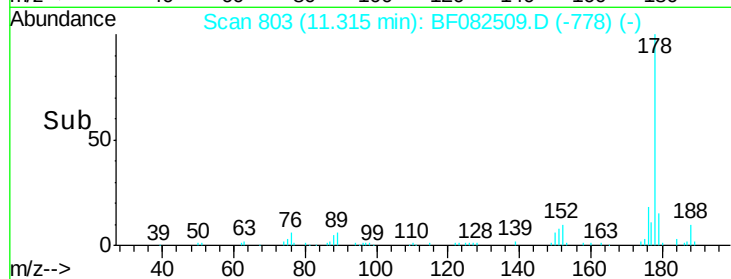
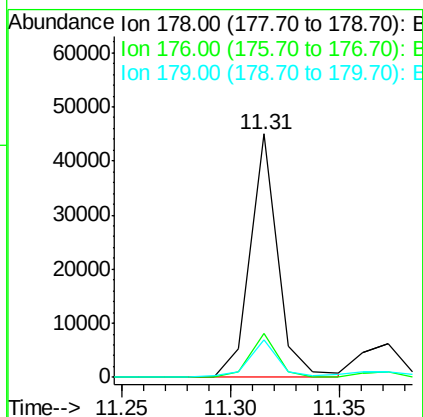
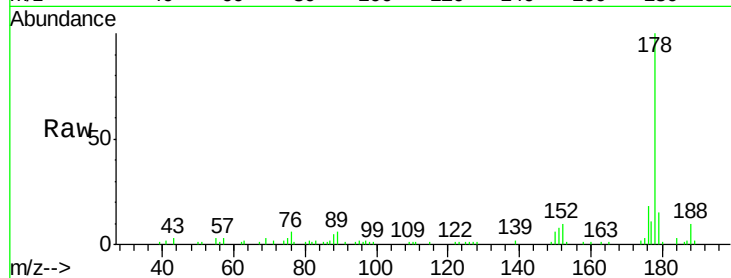




#70
Phenanthrene
Concen: 2.86 ng
RT: 11.31 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF082509.D
Acq: 24 Oct 2015 13:00

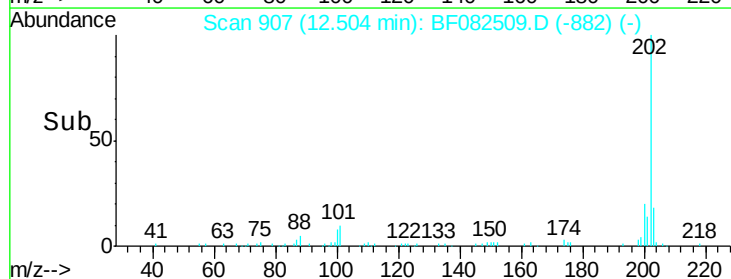
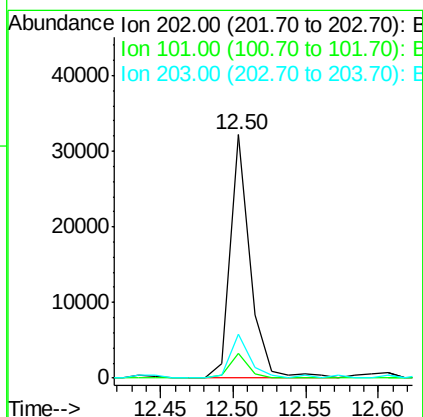
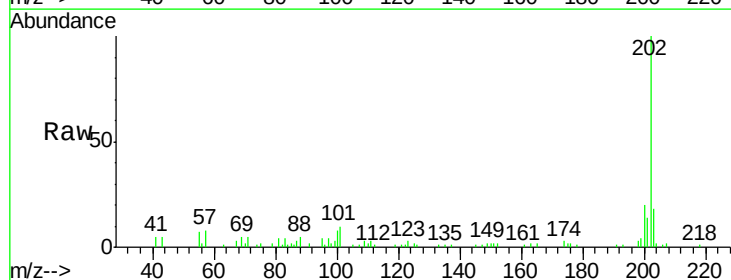
Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

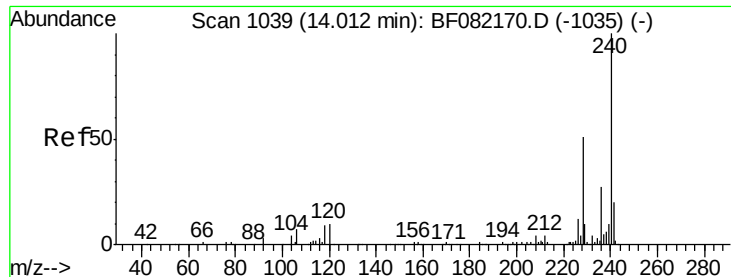
Tgt Ion:178 Resp: 39782
Ion Ratio Lower Upper
178 100
176 17.8 16.0 24.0
179 15.3 12.6 19.0



#74
Fluoranthene
Concen: 2.05 ng
RT: 12.50 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF082509.D
Acq: 24 Oct 2015 13:00

Tgt Ion:202 Resp: 30613
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 18.2 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF082509.D

Acq: 24 Oct 2015 13:00

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

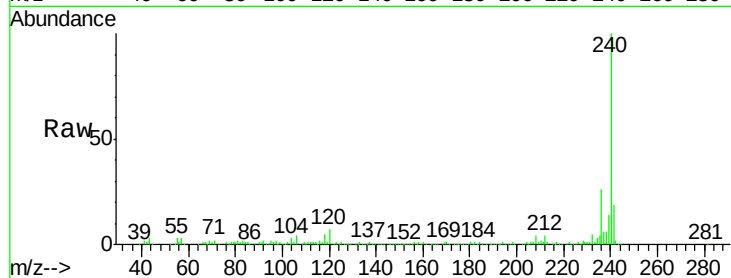
Tgt Ion:240 Resp: 237774

Ion Ratio Lower Upper

240 100

120 6.8 8.1 12.1#

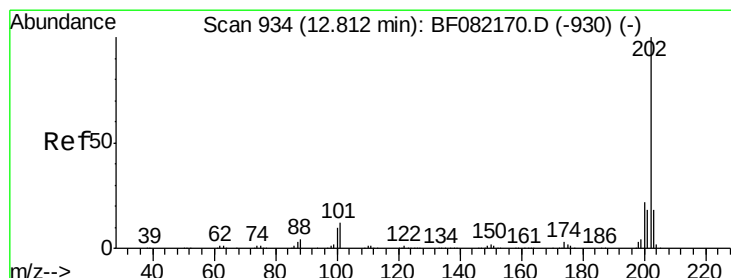
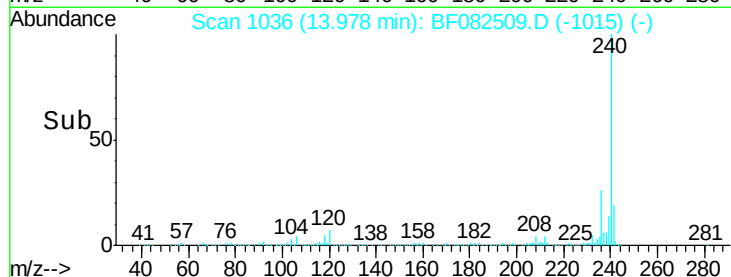
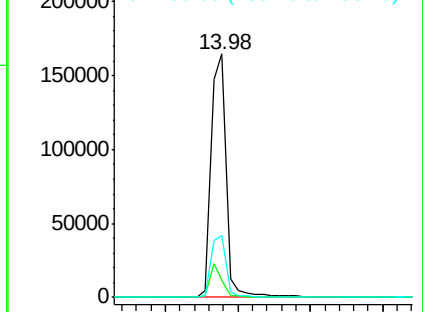
236 25.7 21.3 31.9



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



#77

Pyrene

Concen: 2.09 ng

RT: 12.73 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF082509.D

Acq: 24 Oct 2015 13:00

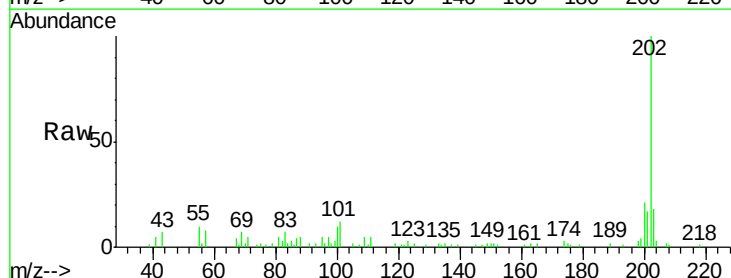
Tgt Ion:202 Resp: 29469

Ion Ratio Lower Upper

202 100

200 21.5 17.9 26.9

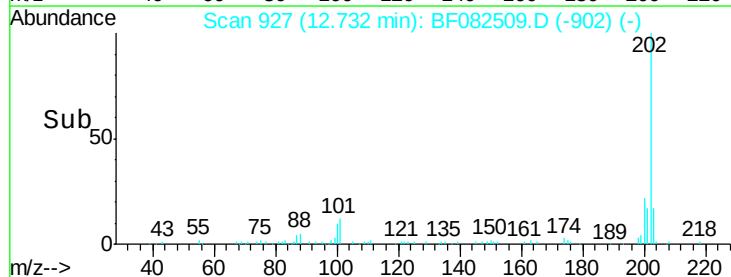
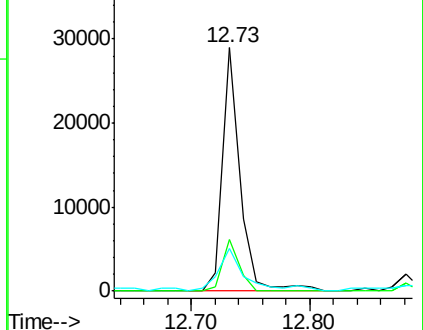
203 17.6 14.5 21.7

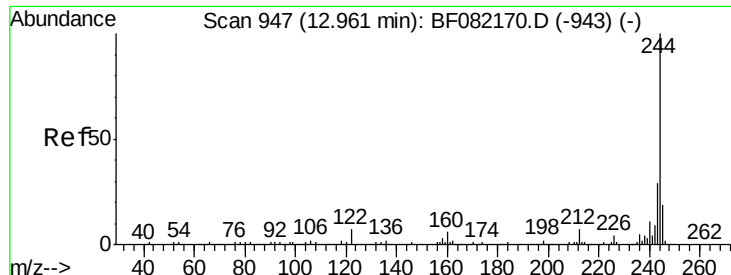


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

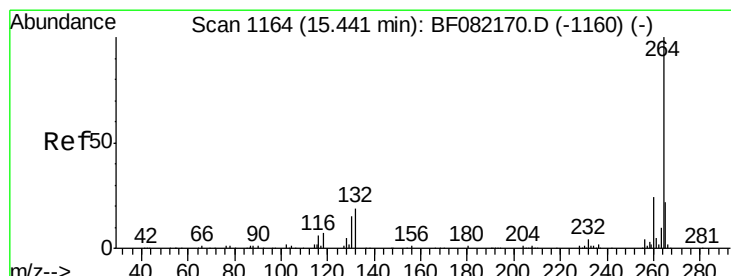
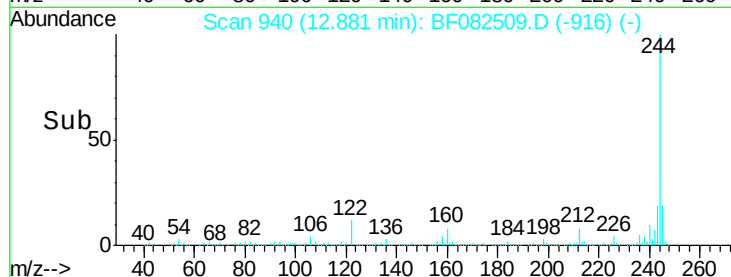
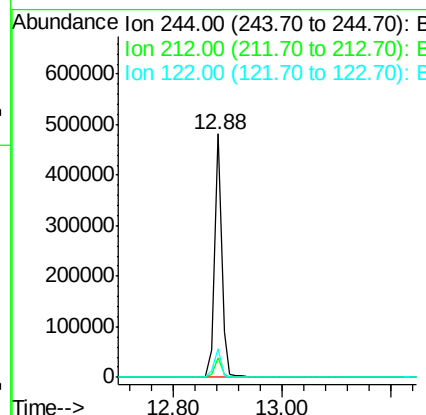
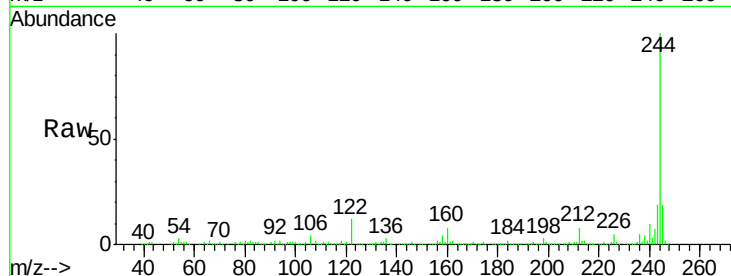




#78
 Terphenyl-d14
 Concen: 49.79 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082509.D
 Acq: 24 Oct 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	11.7	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.14 min
 Lab File: BF082509.D
 Acq: 24 Oct 2015 13:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.5	17.3	25.9

