

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081408.D
 Acq On : 4 Sep 2015 7:53
 Operator : UM/IZ
 Sample : G3505-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 08:19:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

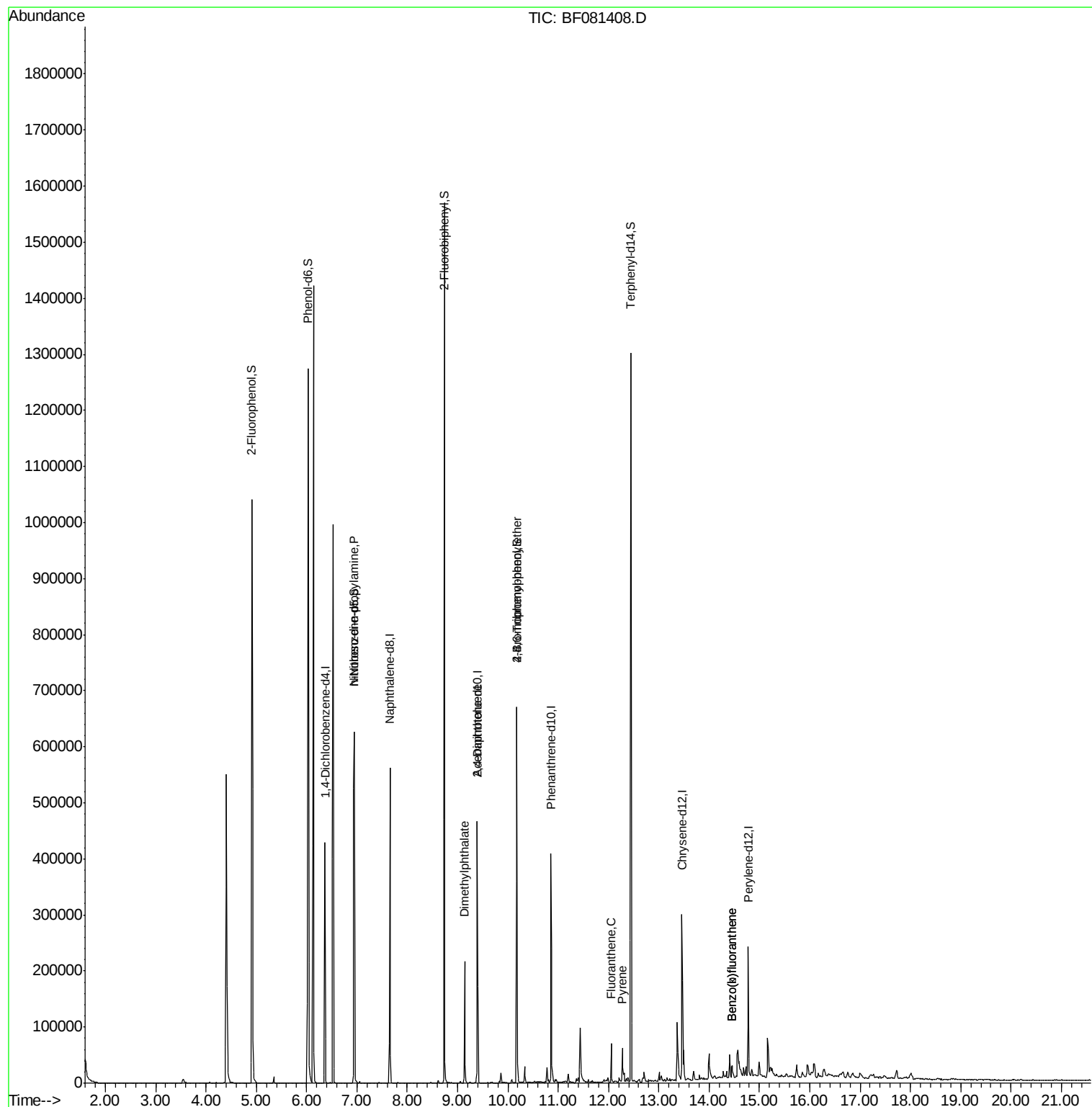
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	57616	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	224452	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	95984	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	185722	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	119970	20.00	ng	-0.03
86) Perylene-d12	14.78	264	91786	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	307004	82.67	ng	-0.01
7) Phenol-d6	6.03	99	387837	78.90	ng	-0.02
23) Nitrobenzene-d5	6.95	82	278901	59.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	78799	92.20	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	486165	64.91	ng	-0.02
78) Terphenyl-d14	12.45	244	360519	69.95	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	36694	10.97	ng	# 57
49) Dimethylphthalate	9.14	163	76287	10.23	ng	# 97
56) 2,4-Dinitrotoluene	9.39	165	12292	5.70	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	5764	3.07	ng	# 1
74) Fluoranthene	12.06	202	28981	2.59	ng	89
77) Pyrene	12.27	202	28254	3.18	ng	97
87) Benzo(b)fluoranthene	14.46	252	15781	2.41	ng	# 87
88) Benzo(k)fluoranthene	14.46	252	15781	2.90	ng	# 88

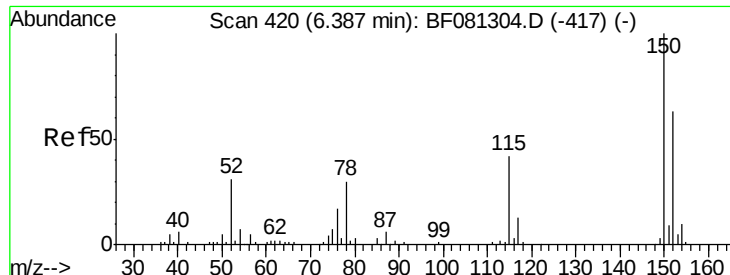
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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ALS Vial : 30 Sample Multiplier: 1

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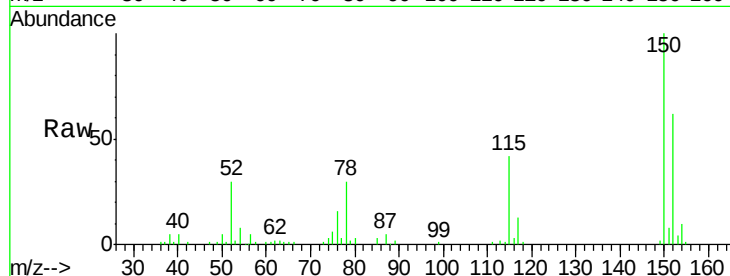


#1

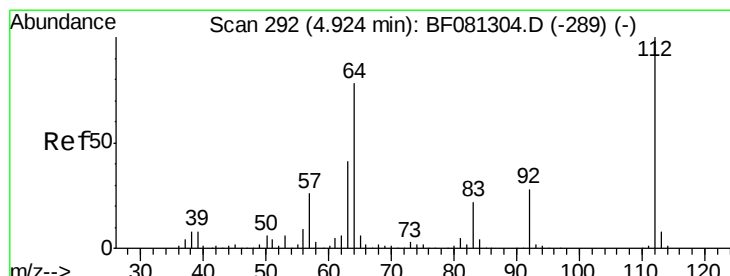
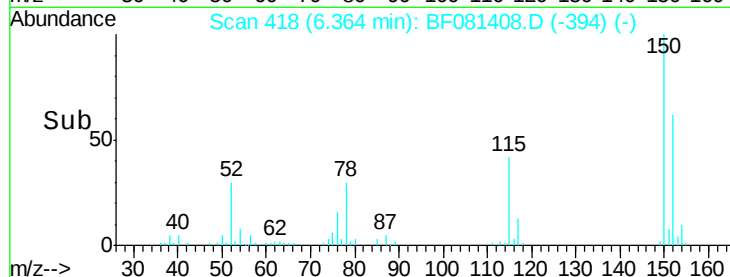
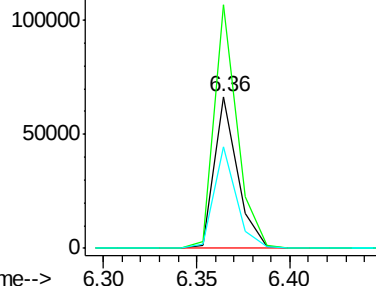
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57616
Ion Ratio Lower Upper
152 100
150 160.4 124.7 187.1
115 67.1 39.0 58.4#



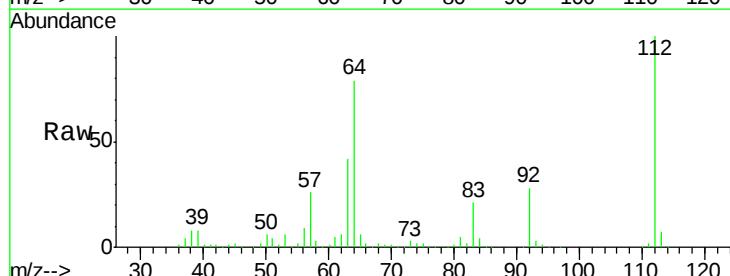
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



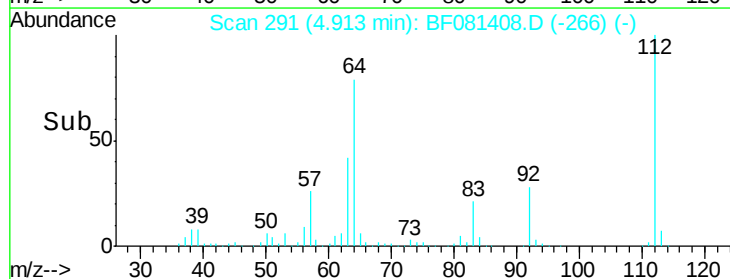
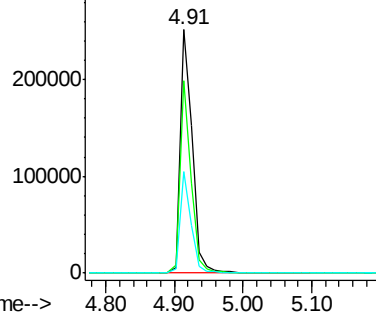
#5

2-Fluorophenol
Concen: 82.67 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

Tgt Ion:112 Resp: 307004
Ion Ratio Lower Upper
112 100
64 78.8 39.7 59.5#
63 41.5 17.4 26.0#



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: 78.90 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

Instrument :

BNA_F

ClientSampleId :

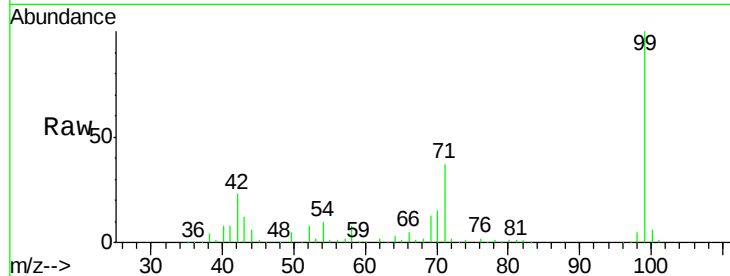
Tot Ion: 99 Resp: 387837

Ion Ratio Lower Upper

99 100

42 22.5 13.7 20.5#

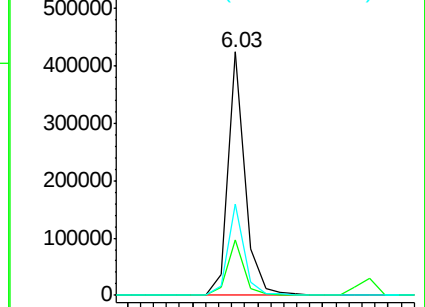
71 37.3 14.2 21.2#



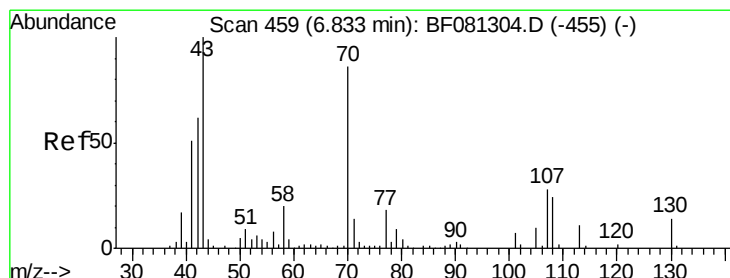
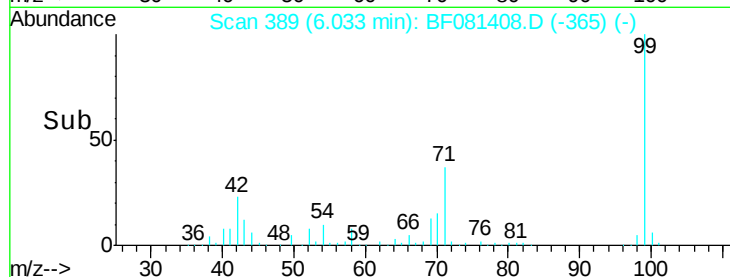
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time--> 5.95 6.00 6.05 6.10 6.15



#19

n-Nitroso-di-n-propylamine

Concen: 10.97 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.11 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

Tgt Ion: 70 Resp: 36694

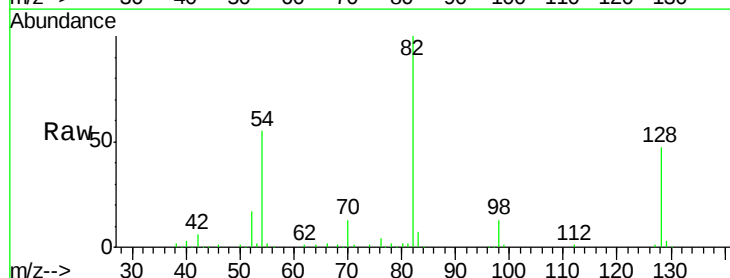
Ion Ratio Lower Upper

70 100

42 44.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

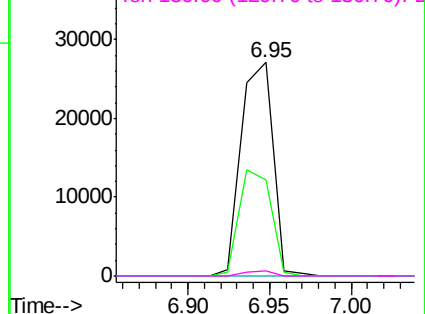


Abundance Ion 70.00 (69.70 to 70.70): BF0

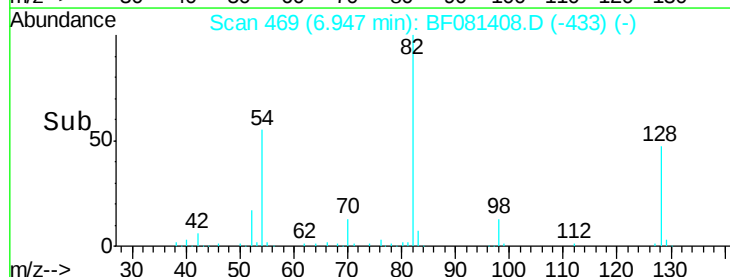
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Time--> 6.90 6.95 7.00





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081408.D

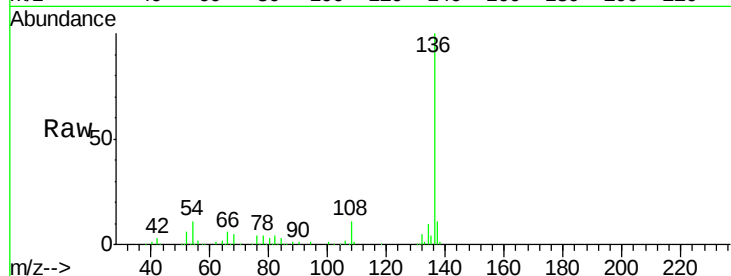
Acq: 4 Sep 2015 7:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	224452
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	11.0	8.2 12.2
68	5.4	5.8 8.6#

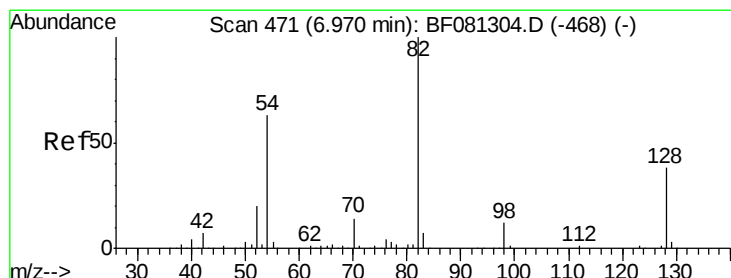
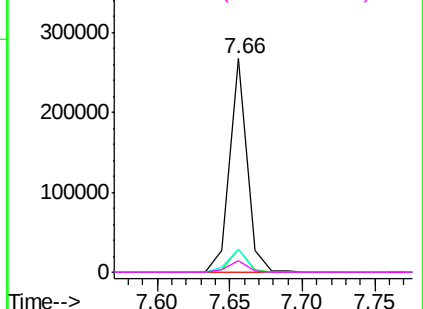
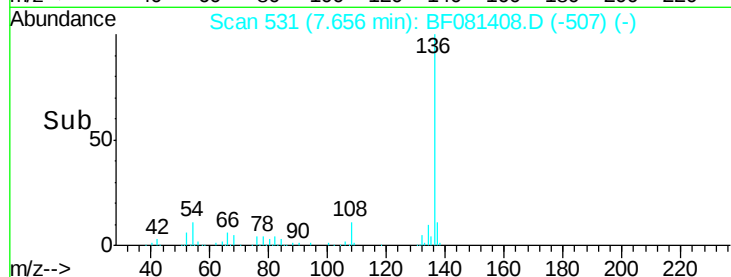


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.95 ng

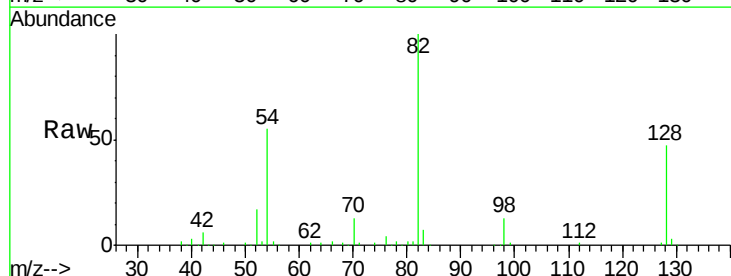
RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

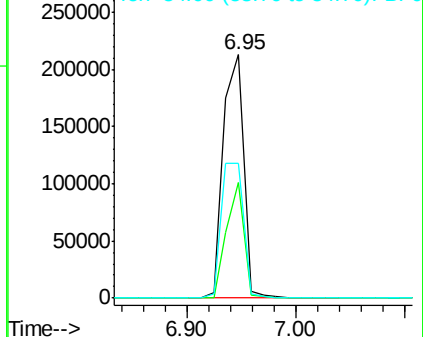
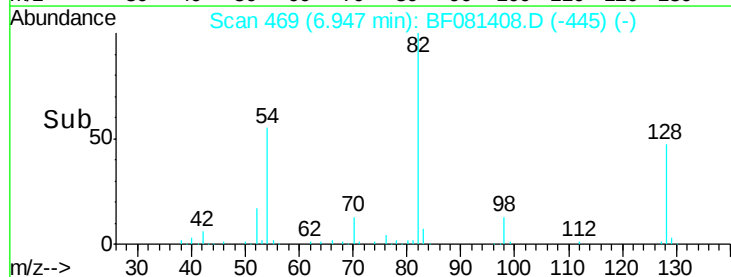
Tgt Ion: 82	Resp:	278901
Ion Ratio	Lower	Upper
82	100	
128	47.3	51.0 76.6#
54	55.2	47.5 71.3

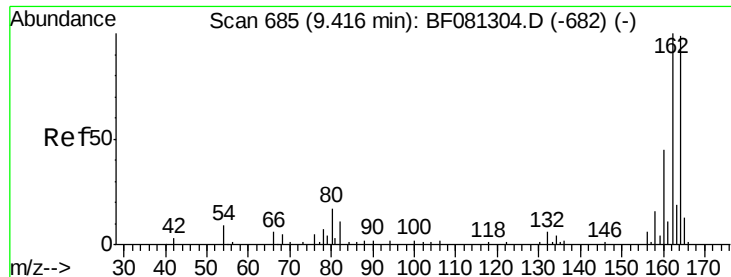


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

Instrument :

BNA_F

ClientSampleId :

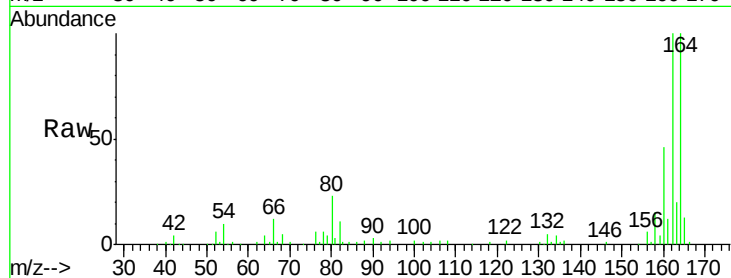
Tot Ion:164 Resp: 95984

Ion Ratio Lower Upper

164 100

162 100.2 75.2 112.8

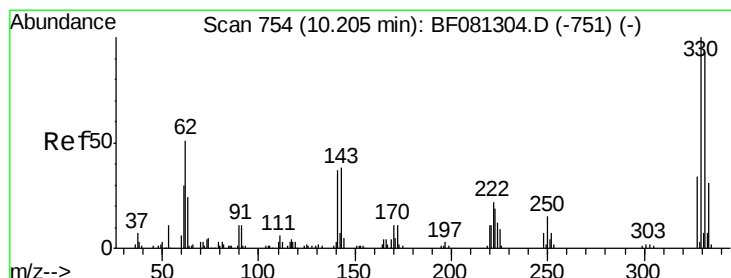
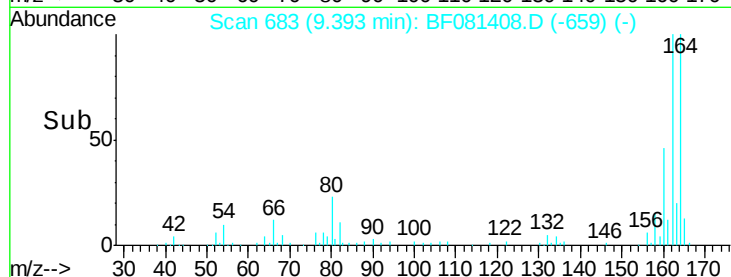
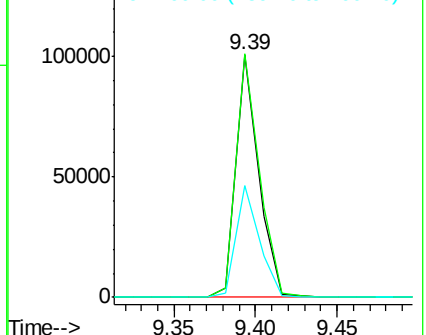
160 46.0 31.5 47.3



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: 92.20 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

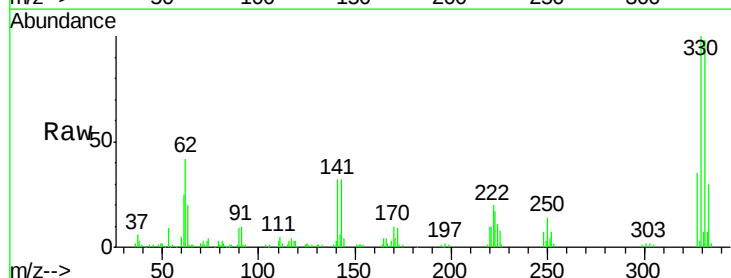
Tgt Ion:330 Resp: 78799

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

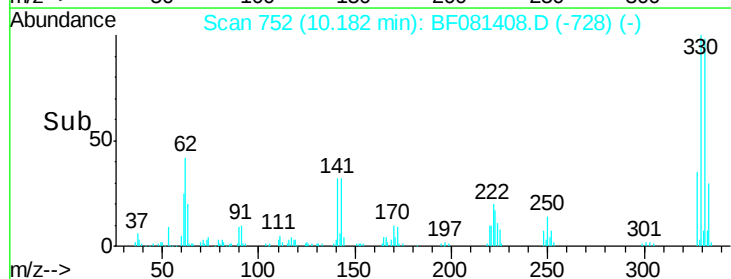
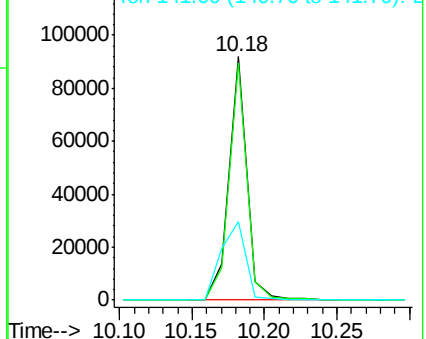
141 44.0 29.7 44.5



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

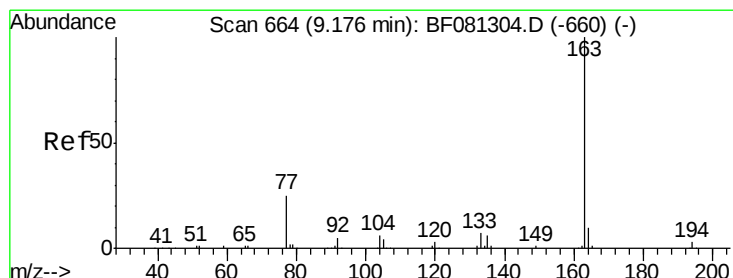
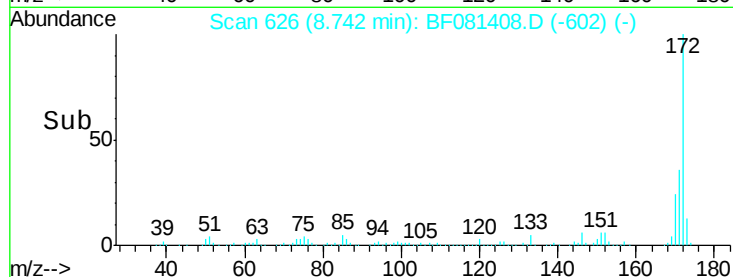
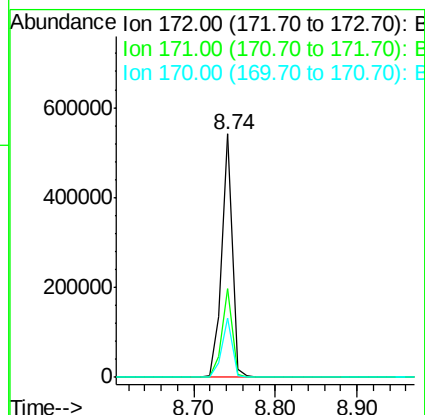
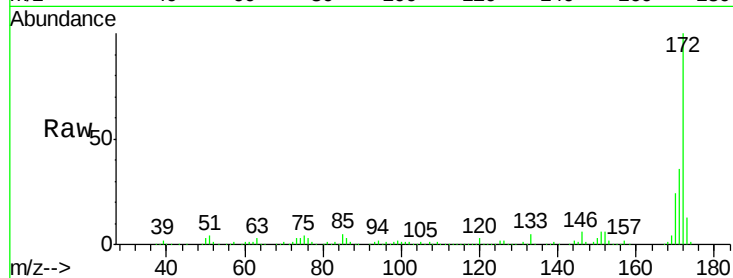




#44
 2-Fluorobiphenyl
 Concen: 64.91 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

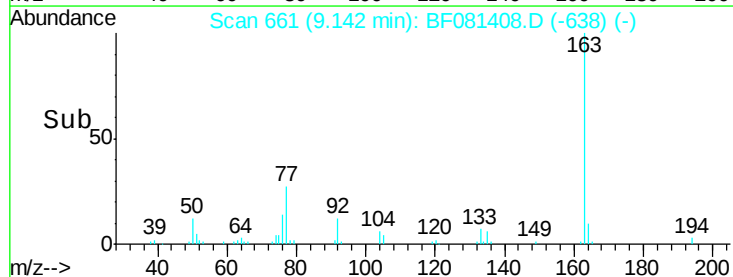
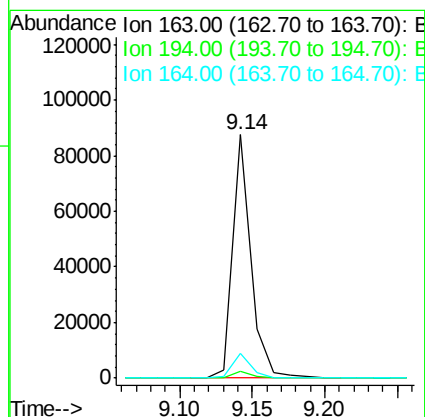
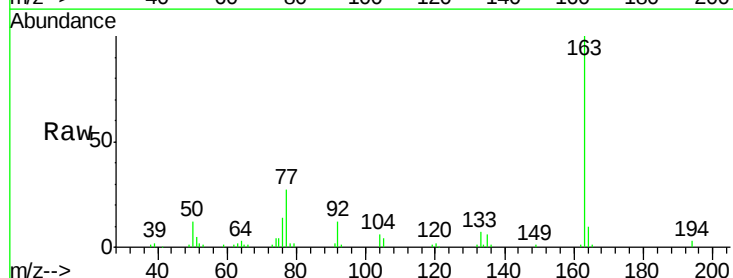
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 486165
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.1 17.4 26.2



#49
 Dimethylphthalate
 Concen: 10.23 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

Tgt Ion:163 Resp: 76287
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 10.4 8.3 12.5

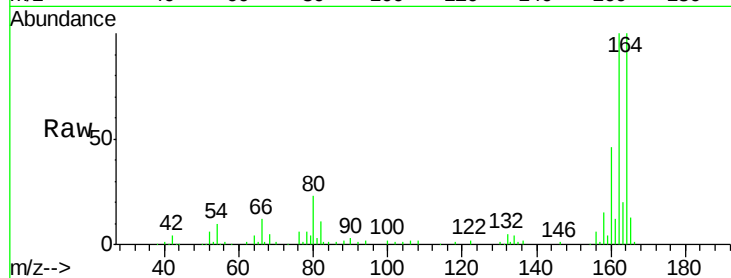




#56
 2,4-Dinitrotoluene
 Concen: 5.70 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	12292
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

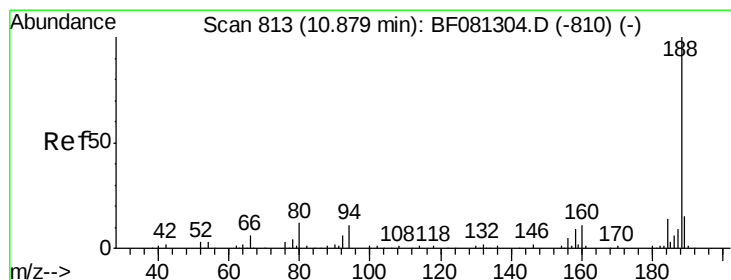
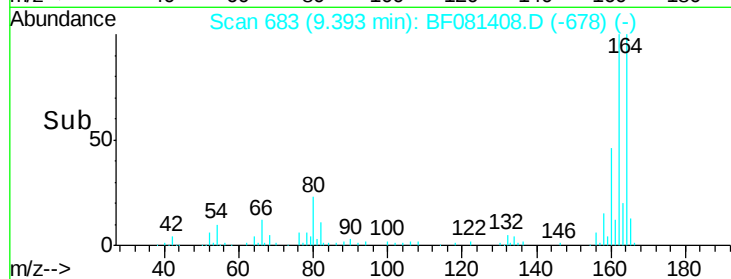
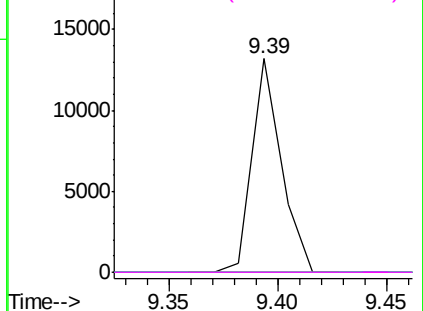


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

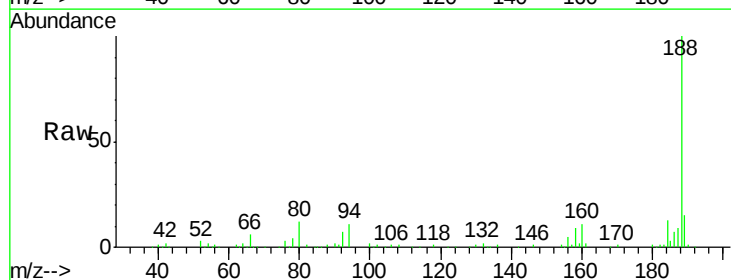
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

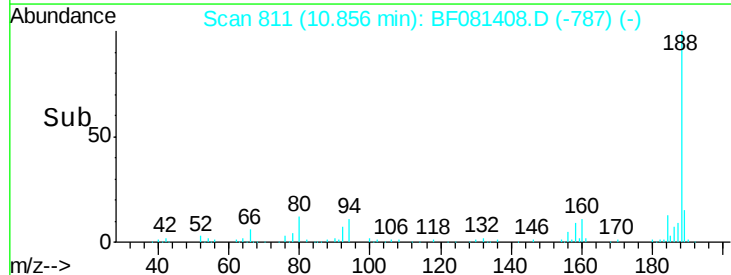
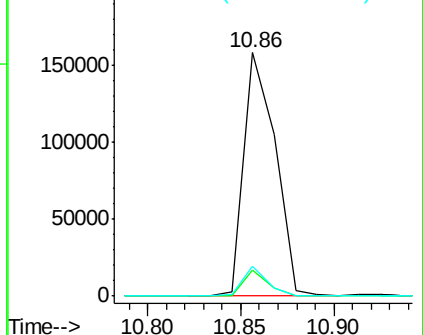
Tgt Ion:	188	Resp:	185722
Ion Ratio	Lower	Upper	
188	100		
94	10.6	11.1	16.7#
80	12.4	11.0	16.4

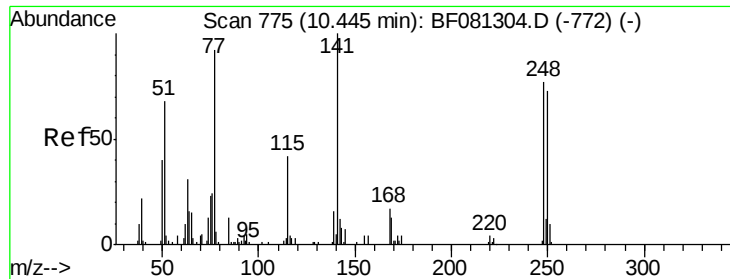


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

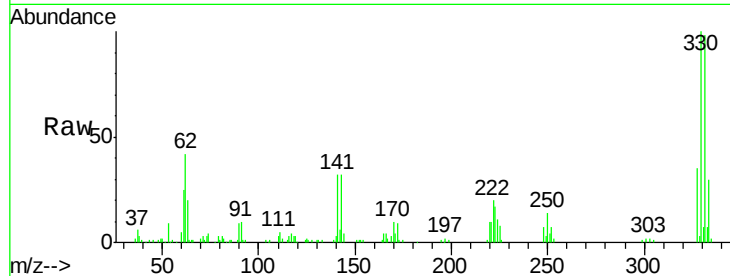




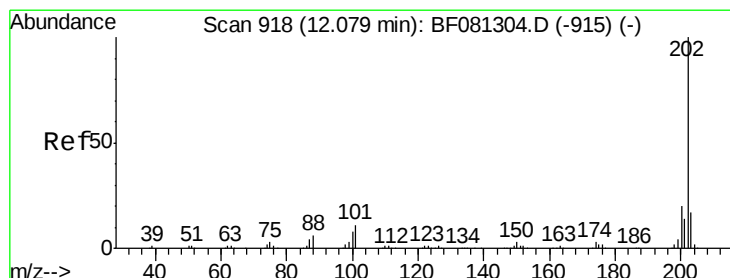
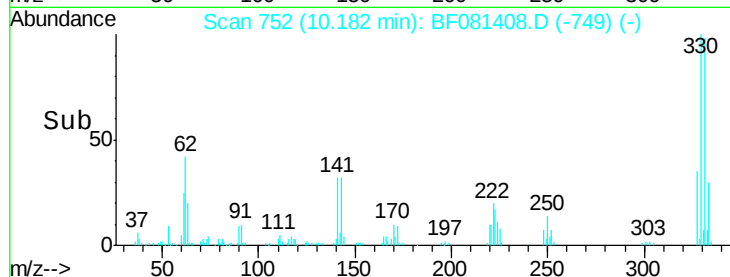
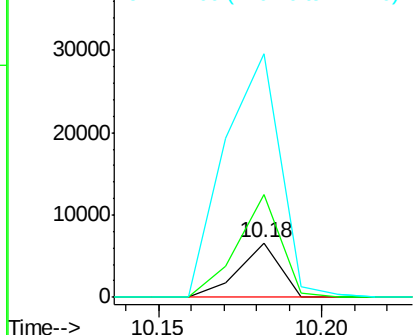
#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.26 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5764
Ion Ratio Lower Upper
248 100
250 189.1 78.5 117.7#
141 449.6 59.0 88.6#

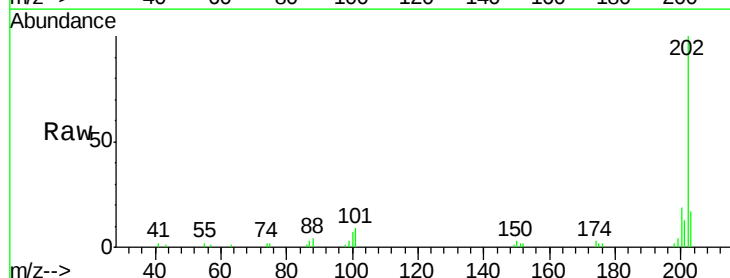


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

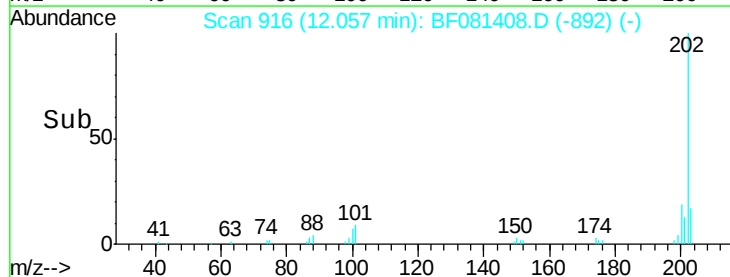
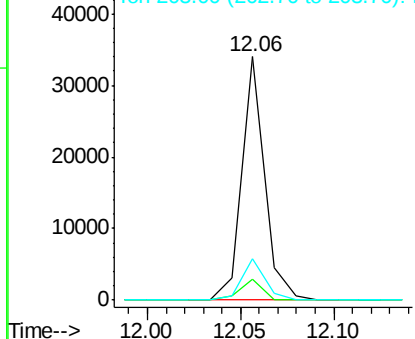


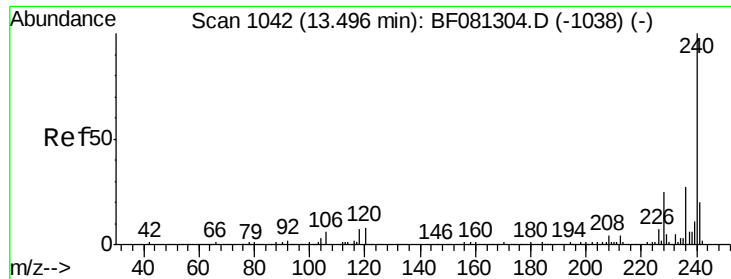
#74
Fluoranthene
Concen: 2.59 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

Tgt Ion:202 Resp: 28981
Ion Ratio Lower Upper
202 100
101 8.8 0.0 38.3
203 17.1 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

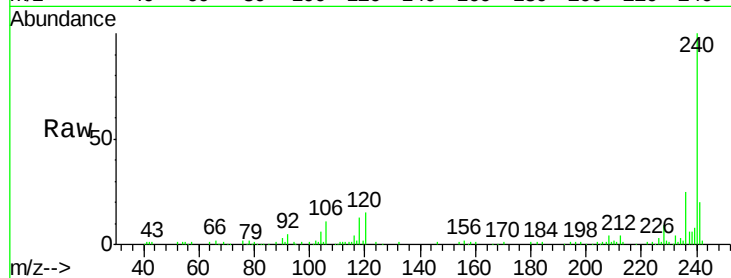




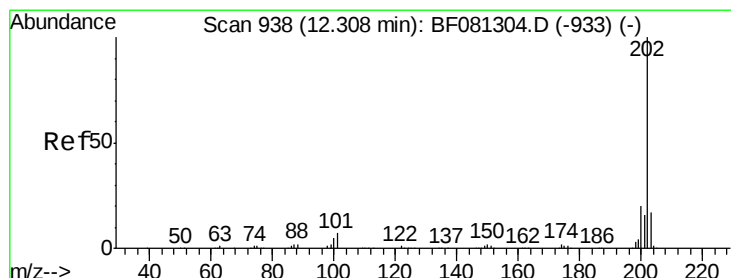
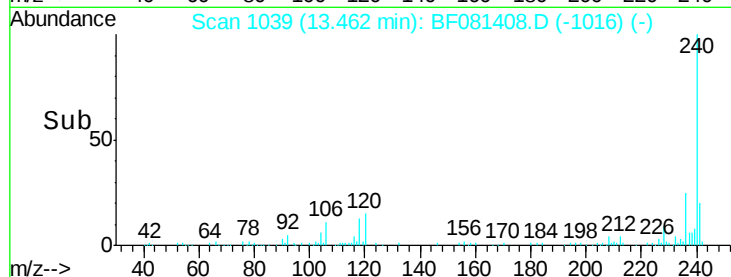
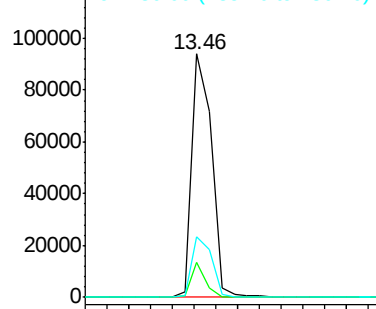
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 119970
Ion Ratio Lower Upper
240 100
120 14.5 16.2 24.2#
236 25.0 18.4 27.6

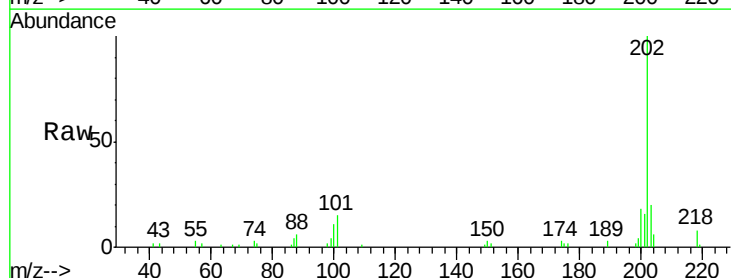


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

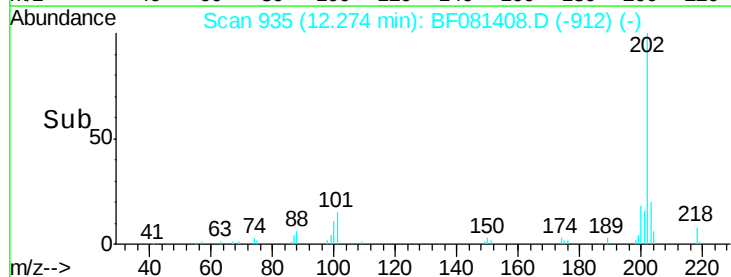
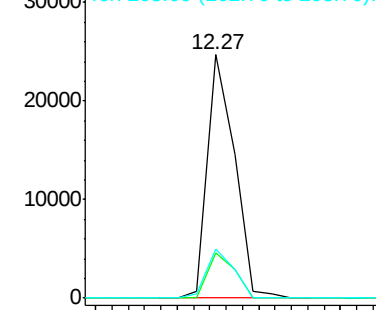


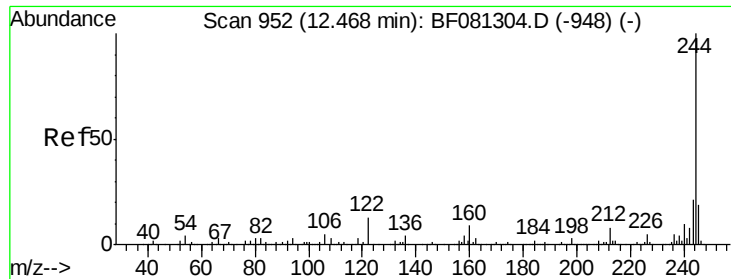
#77
Pyrene
Concen: 3.18 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081408.D
Acq: 4 Sep 2015 7:53

Tgt Ion:202 Resp: 28254
Ion Ratio Lower Upper
202 100
200 18.4 15.0 22.4
203 20.1 14.1 21.1



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

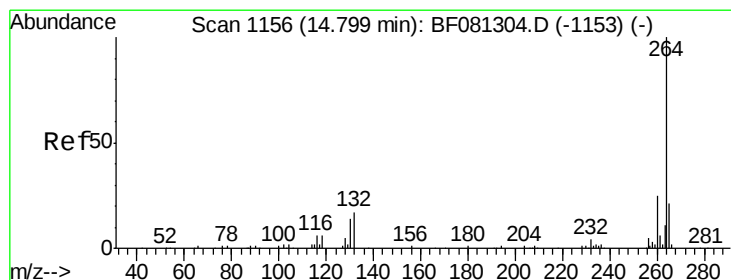
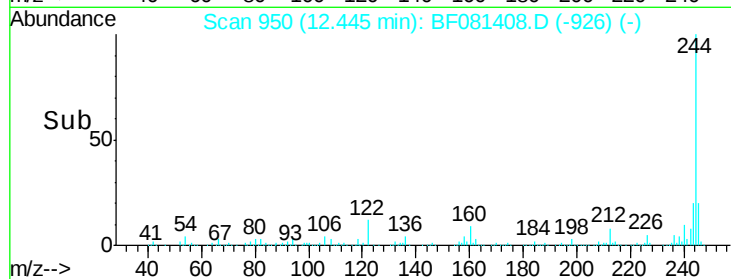
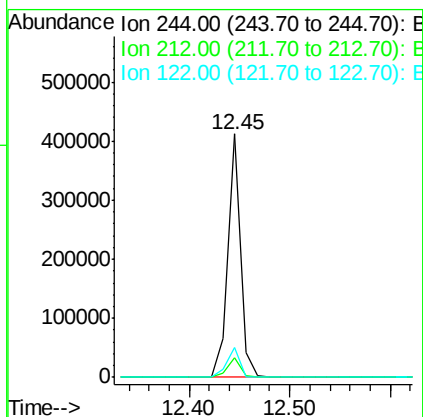
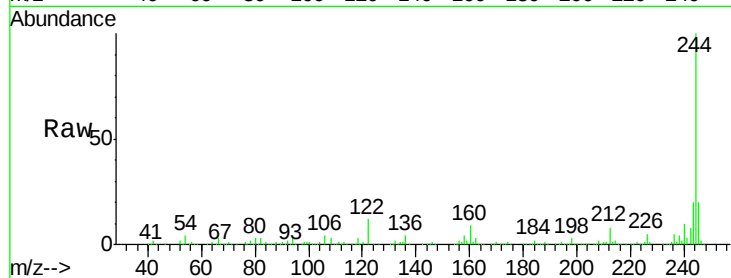




#78
 Terphenyl-d14
 Concen: 69.95 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

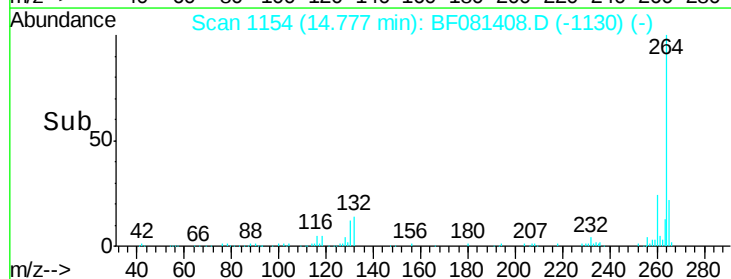
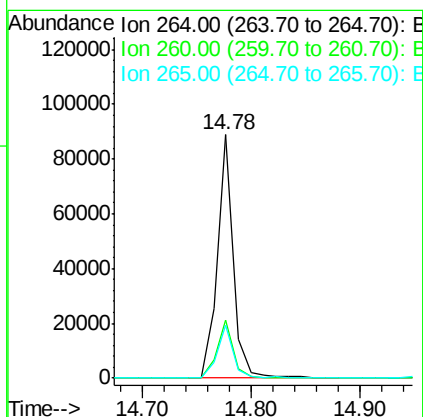
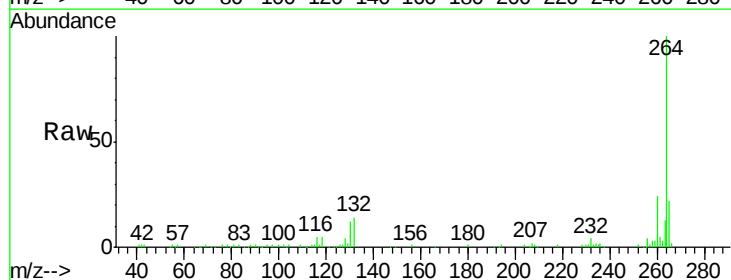
Instrument :
 BNA_F
 ClientSampled :

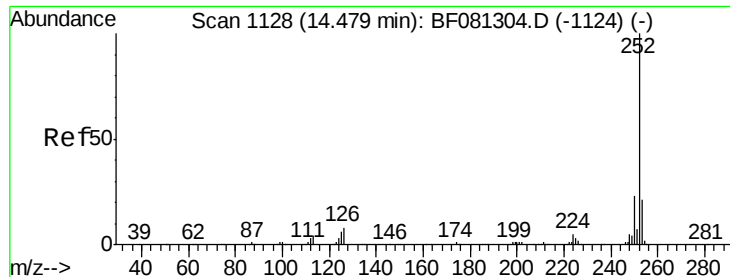
Tot Ion:244 Resp: 360519
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 12.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF081408.D
 Acq: 4 Sep 2015 7:53

Tgt Ion:264 Resp: 91786
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.41 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

Instrument :

BNA_F

ClientSampleId :

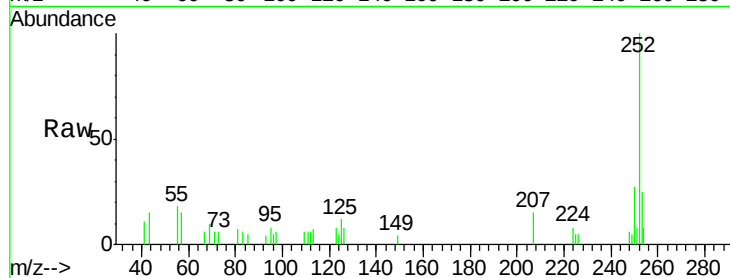
Tot Ion:252 Resp: 15781

Ion Ratio Lower Upper

252 100

253 24.5 17.5 26.3

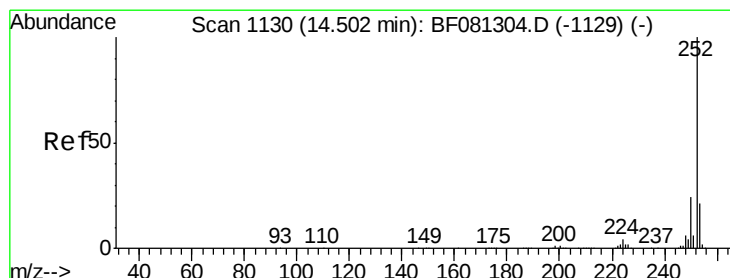
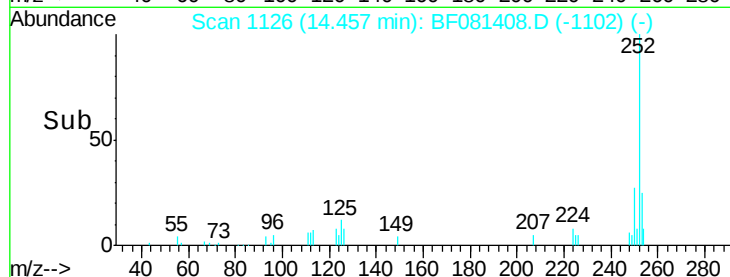
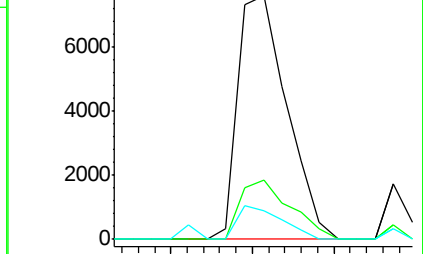
125 11.6 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.90 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.05 min

Lab File: BF081408.D

Acq: 4 Sep 2015 7:53

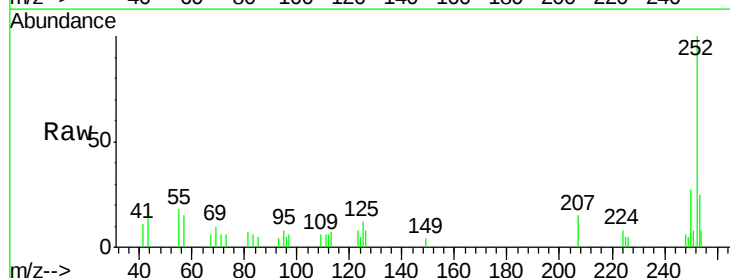
Tgt Ion:252 Resp: 15781

Ion Ratio Lower Upper

252 100

253 24.5 17.0 25.4

125 11.6 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

