

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092219.D
 Acq On : 12 Jan 2017 20:39
 Operator : UM/SJ
 Sample : I1030-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0013

Quant Time: Jan 12 23:43:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

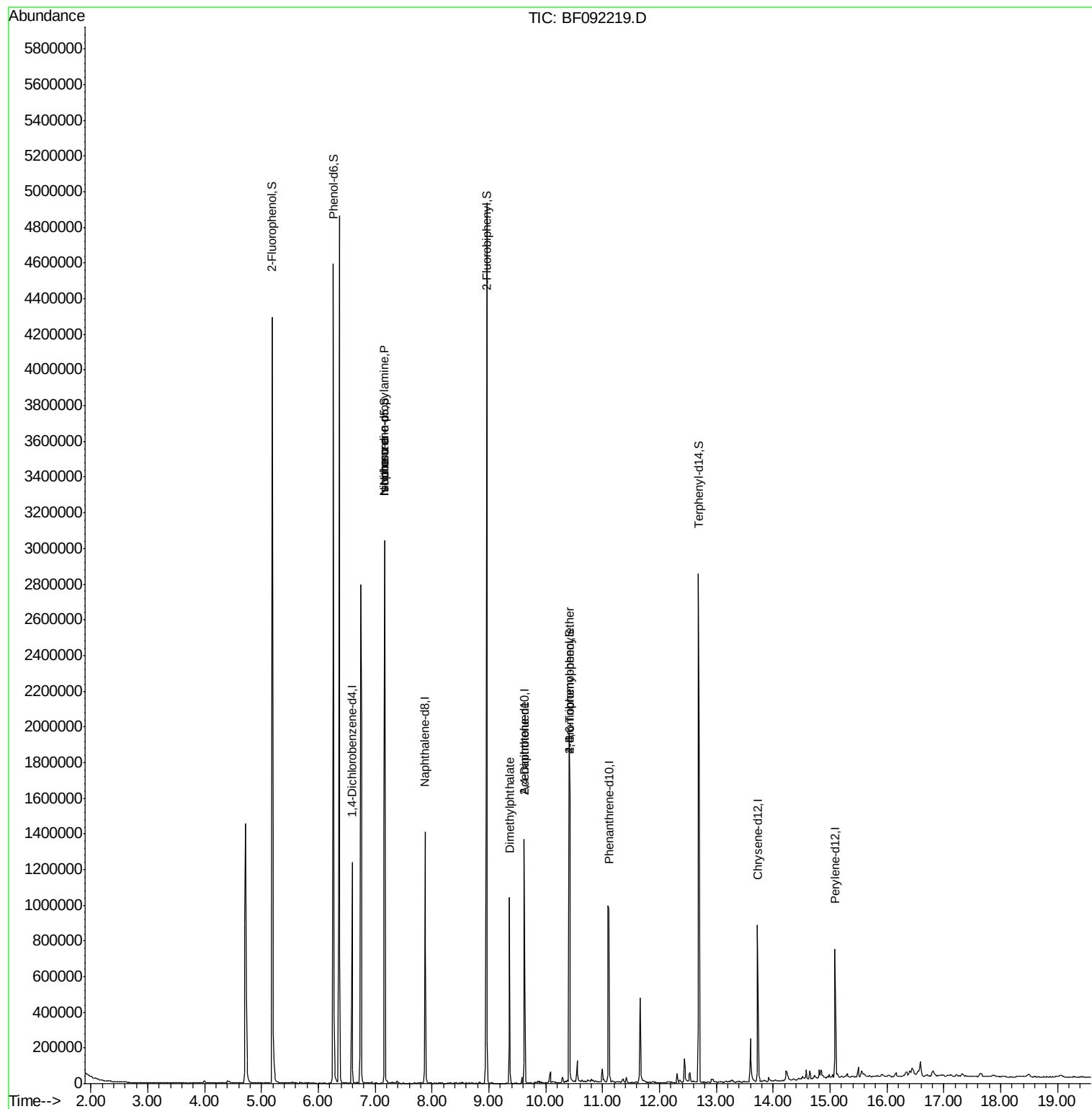
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	207920	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	795465	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	327721	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	557462	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	339688	20.00	ng	-0.06
86) Perylene-d12	15.09	264	328788	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1307252	104.98	ng	-0.05
7) Phenol-d6	6.26	99	1862332	122.50	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1148661	80.30	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	353605	130.38	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1564458	100.10	ng	-0.05
78) Terphenyl-d14	12.69	244	1195927	85.39	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	152334	15.06	ng	# 74
25) Isophorone	7.17	82	1138923	43.15	ng	# 65
37) 2-Methylnaphthalene	8.60	142	924	Below Cal		# 83
49) Dimethylphthalate	9.36	163	421868	20.13	ng	99
56) 2,4-Dinitrotoluene	9.62	165	43195	7.50	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	21335	3.68	ng	# 1
71) Anthracene	11.13	178	9025	Below Cal		97
73) Di-n-butylphthalate	11.68	149	5719	Below Cal		98
74) Fluoranthene	12.31	202	20325	Below Cal		96
76) Benzidine	12.69	184	16082	Below Cal		98

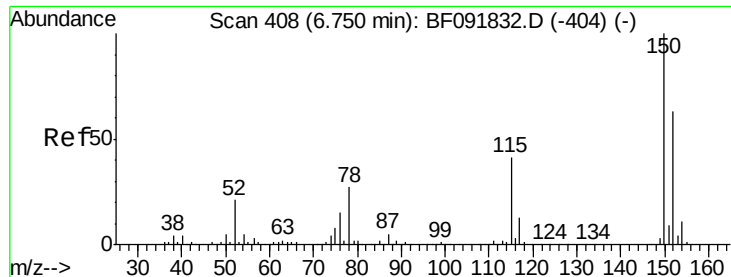
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092219.D
Acq On : 12 Jan 2017 20:39
Operator : UM/SJ
Sample : I1030-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0013

Quant Time: Jan 12 23:43:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



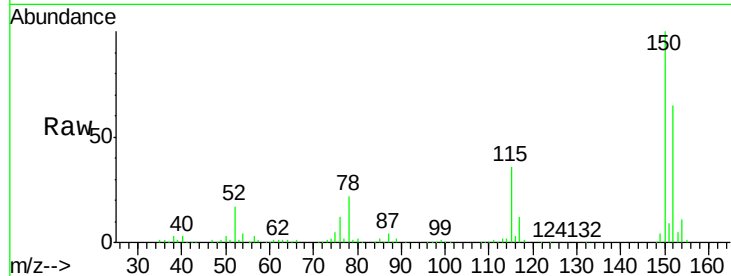


#1

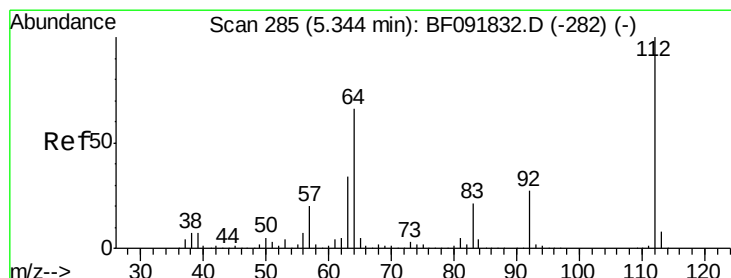
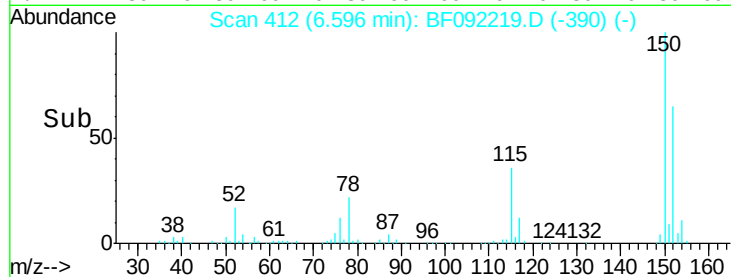
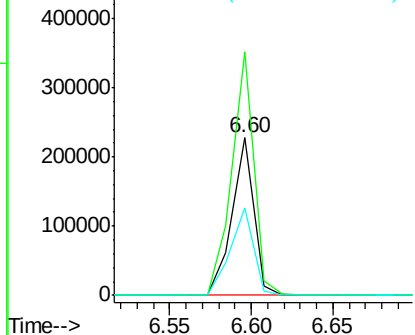
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

Instrument :
BNA_F
ClientSampleId :
COMP-0013

Tgt Ion:152 Resp: 207920
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 55.9 46.0 69.0



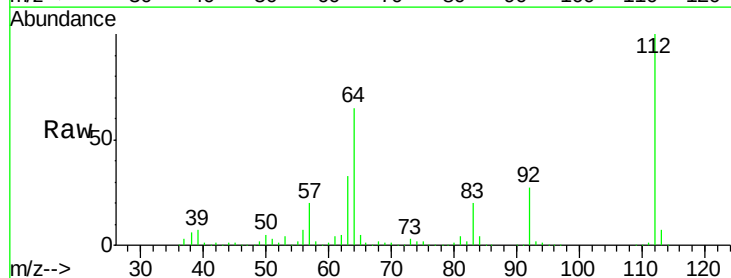
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



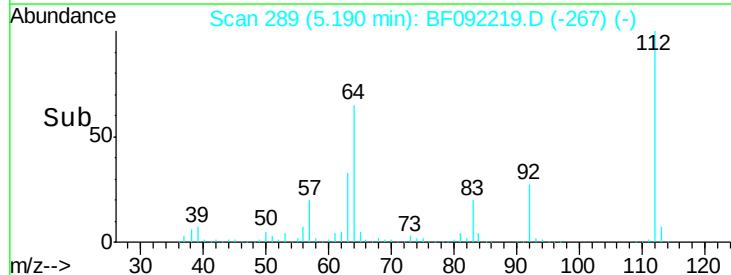
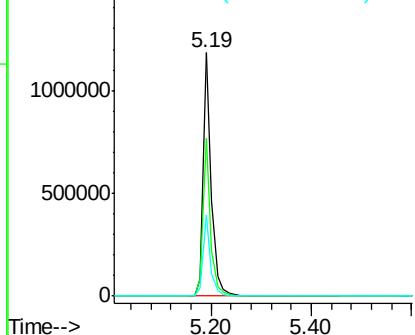
#5

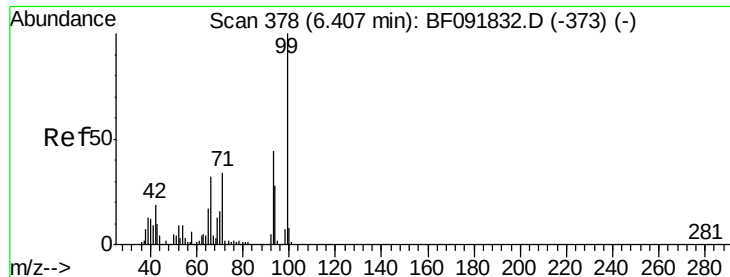
2-Fluorophenol
Concen: 104.98 ng
RT: 5.19 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

Tgt Ion:112 Resp: 1307252
Ion Ratio Lower Upper
112 100
64 64.8 46.1 69.1
63 33.2 23.8 35.6



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: 122.50 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092219.D

Acq: 12 Jan 2017 20:39

Instrument :

BNA_F

ClientSampleId :

COMP-0013

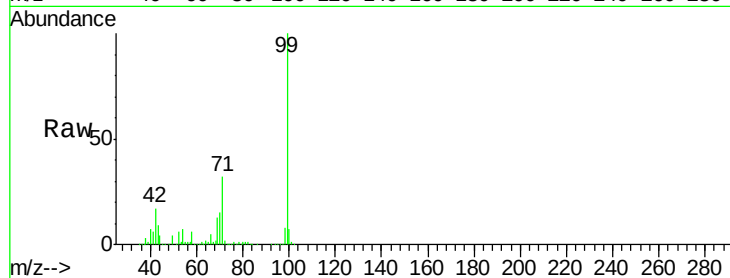
Tgt Ion: 99 Resp: 1862332

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

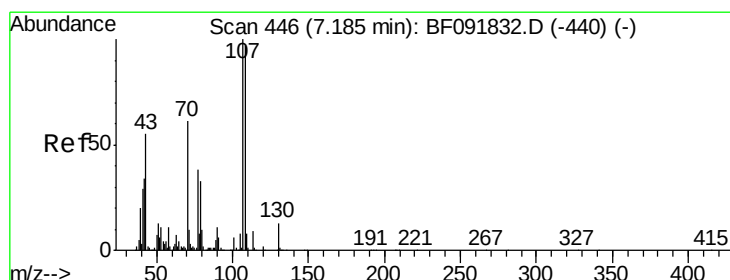
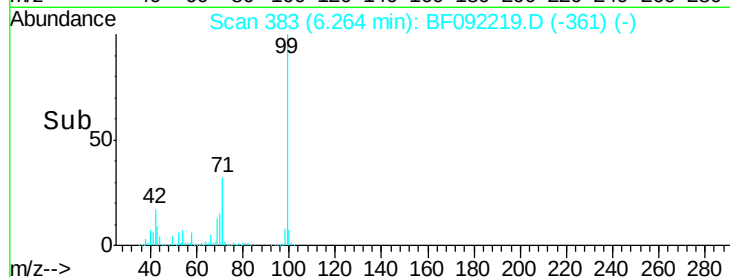
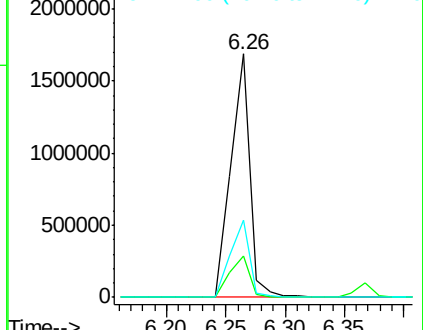
71 31.9 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.06 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF092219.D

Acq: 12 Jan 2017 20:39

Tgt Ion: 70 Resp: 152334

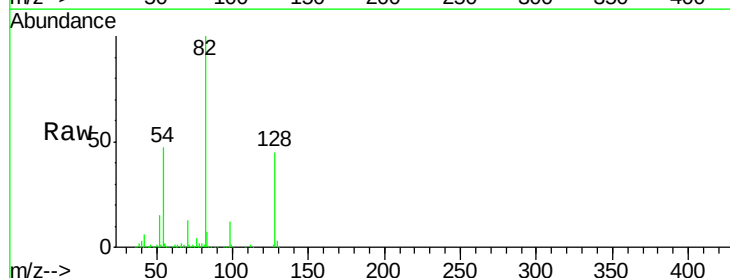
Ion Ratio Lower Upper

70 100

42 44.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

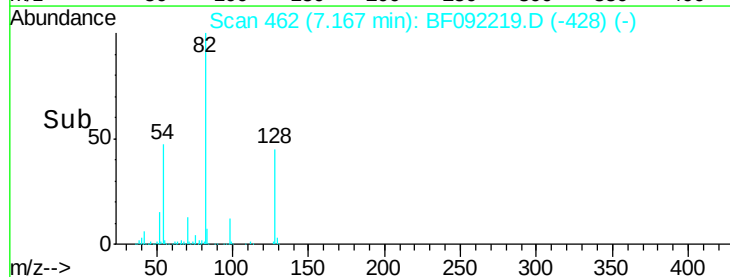
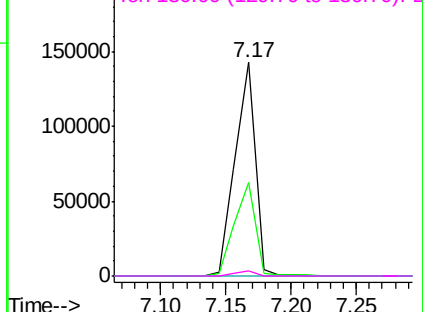


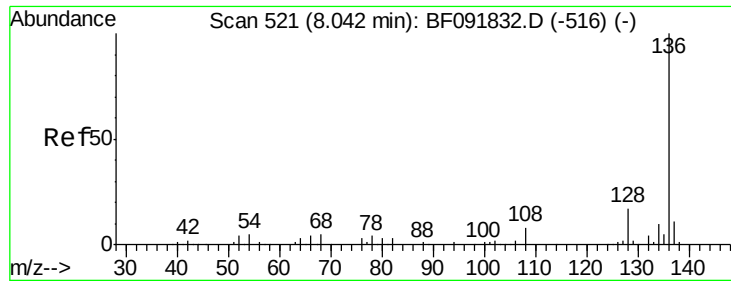
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

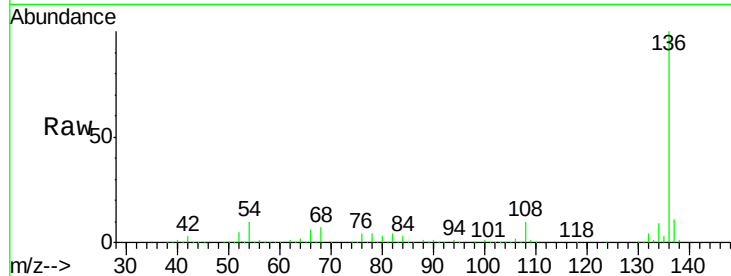




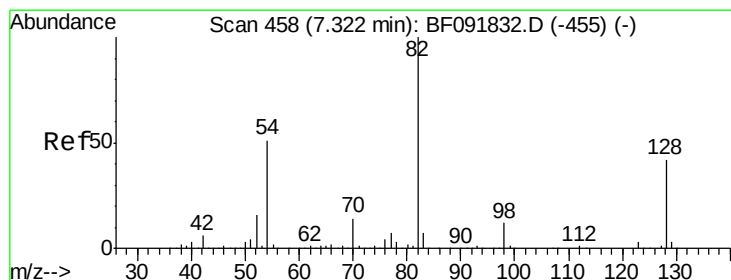
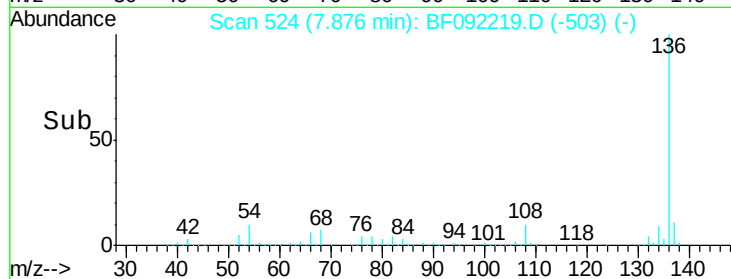
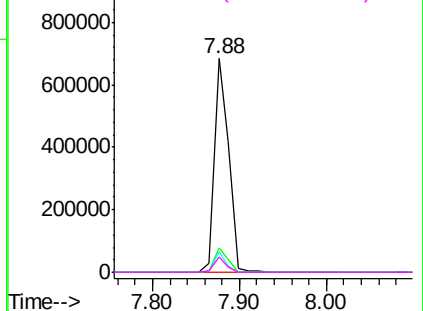
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

Instrument :
BNA_F
ClientSampleId :
COMP-0013

Tgt Ion:	136	Resp:	795465
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.6	4.5	6.7#
68	7.3	3.6	5.4#

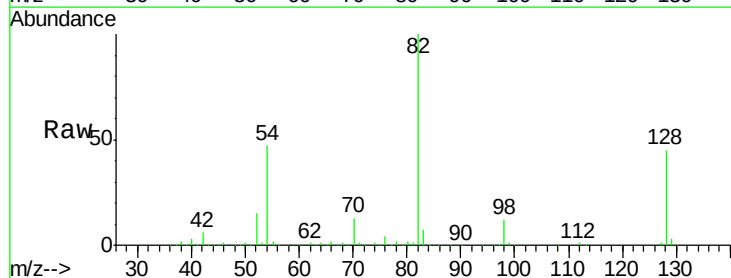


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

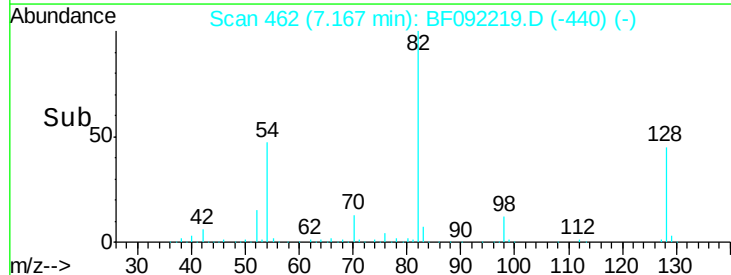
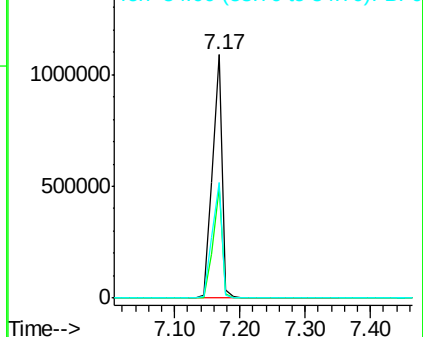


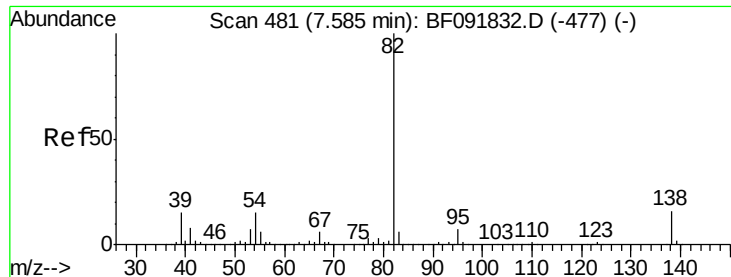
#23
Nitrobenzene-d5
Concen: 80.30 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

Tgt Ion:	82	Resp:	1148661
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	47.3	39.5	59.3



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





#25

Isophorone

Concen: 43.15 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF092219.D

Acq: 12 Jan 2017 20:39

Instrument :

BNA_F

ClientSampleId :

COMP-0013

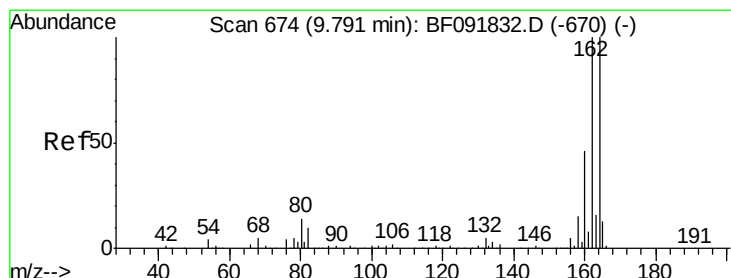
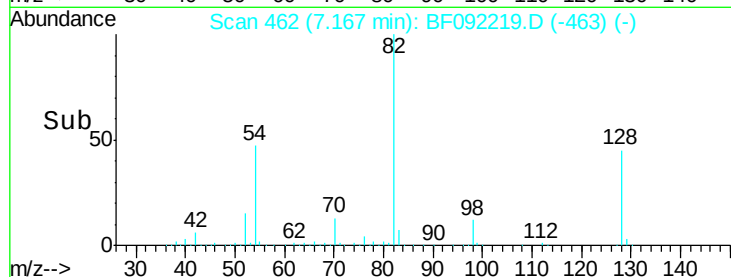
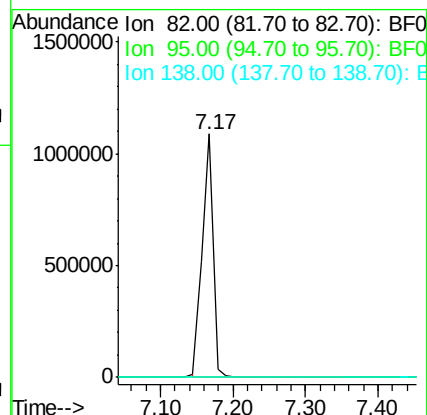
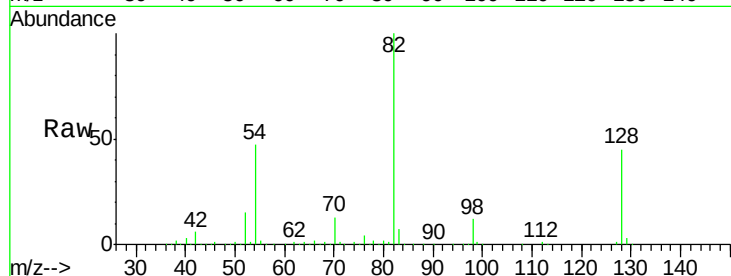
Tgt Ion: 82 Resp: 1138923

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092219.D

Acq: 12 Jan 2017 20:39

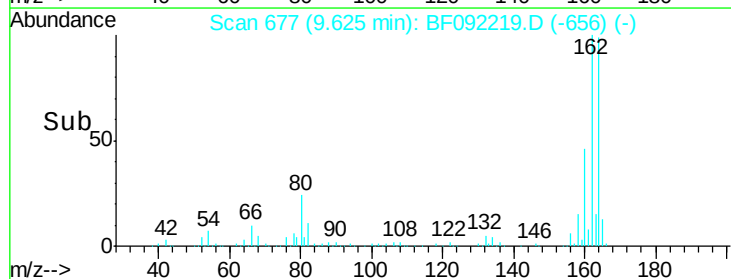
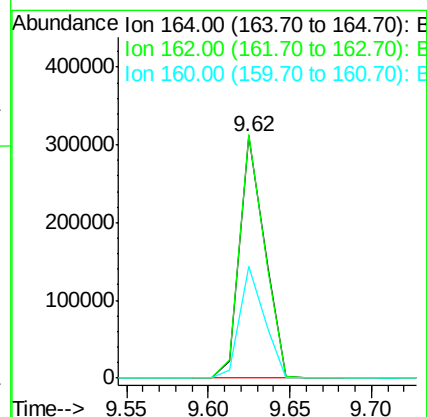
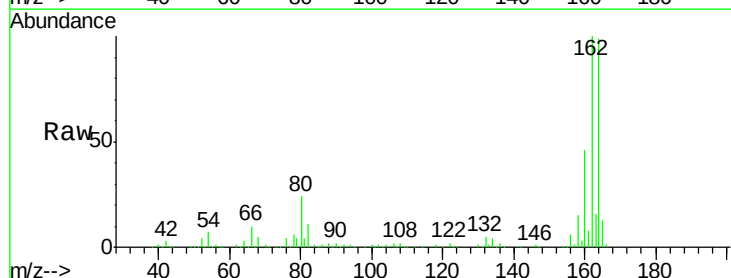
Tgt Ion: 164 Resp: 327721

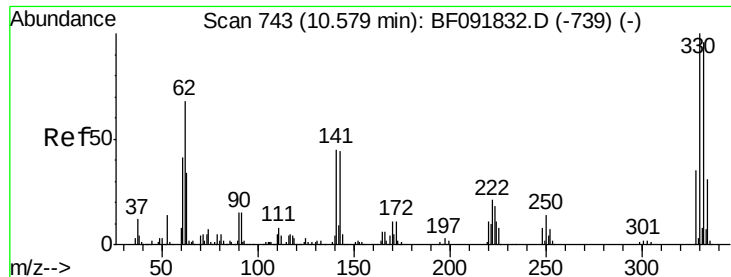
Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

160 46.0 36.9 55.3

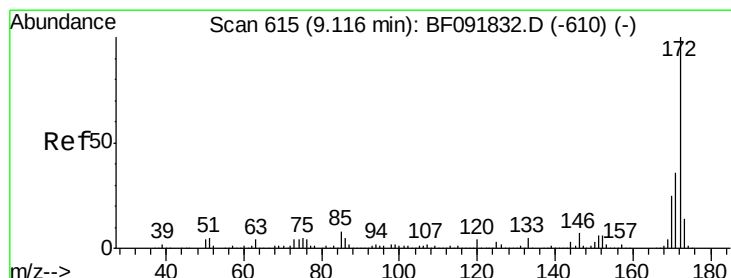
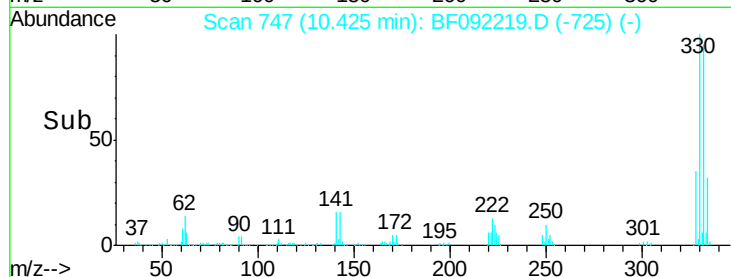
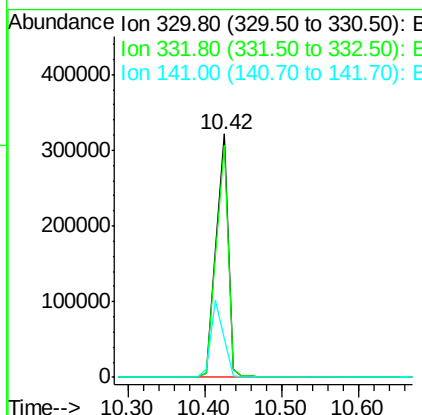
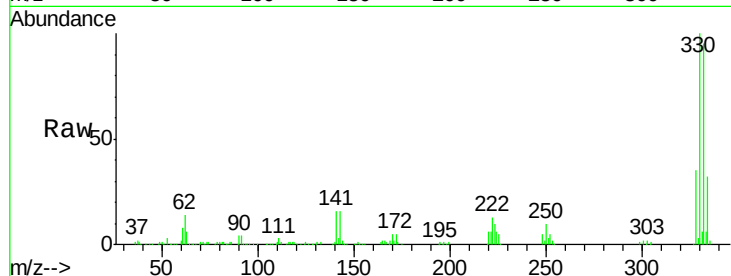




#41
 2,4,6-Tribromophenol
 Concen: 130.38 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092219.D
 Acq: 12 Jan 2017 20:39

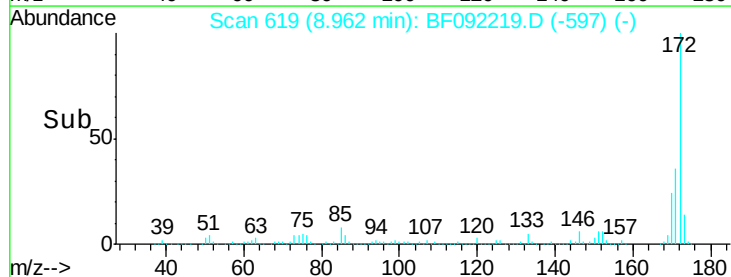
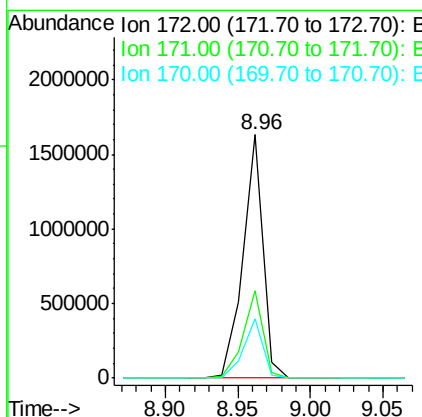
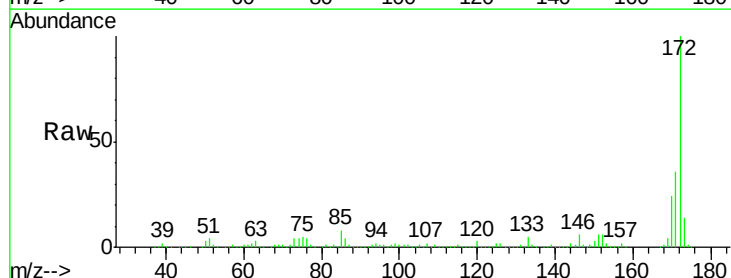
Instrument :
 BNA_F
 ClientSampleId :
 COMP-0013

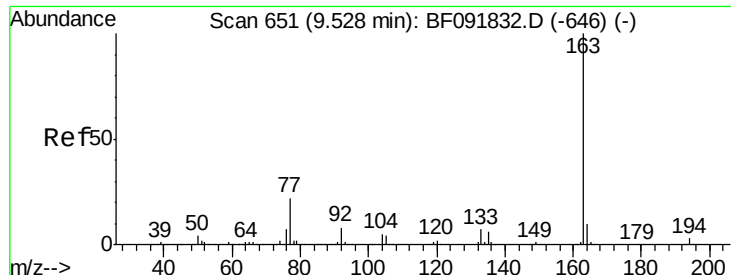
Tgt Ion:330 Resp: 353605
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 32.7 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 100.10 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092219.D
 Acq: 12 Jan 2017 20:39

Tgt Ion:172 Resp: 1564458
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4

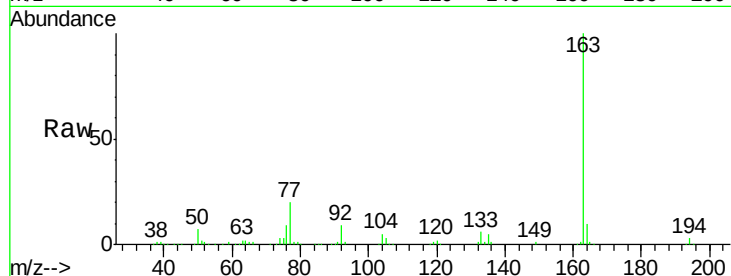




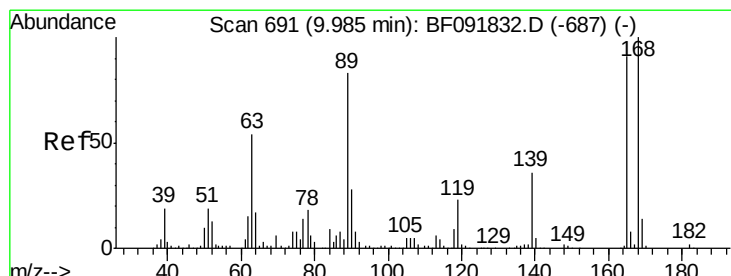
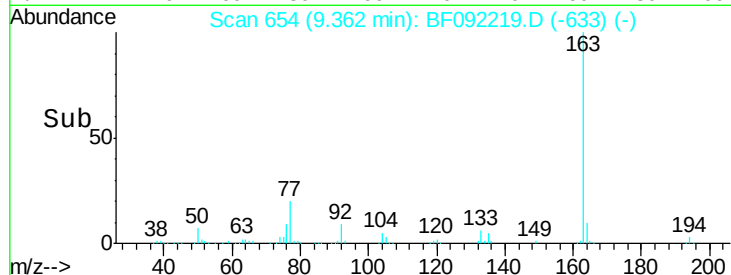
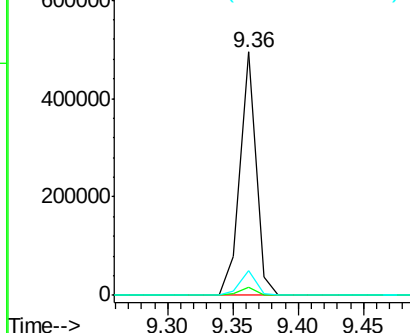
#49
Dimethylphthalate
Concen: 20.13 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

Instrument :
BNA_F
ClientSampleId :
COMP-0013

Tgt Ion:163 Resp: 421868
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.2 8.0 12.0

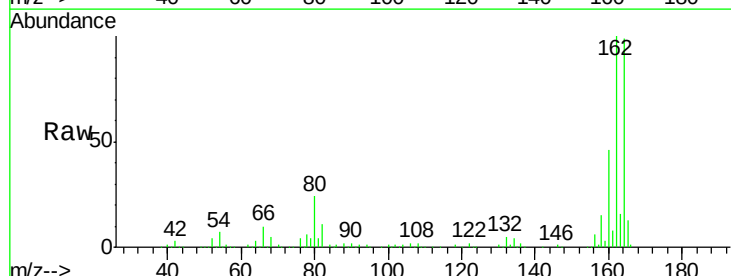


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

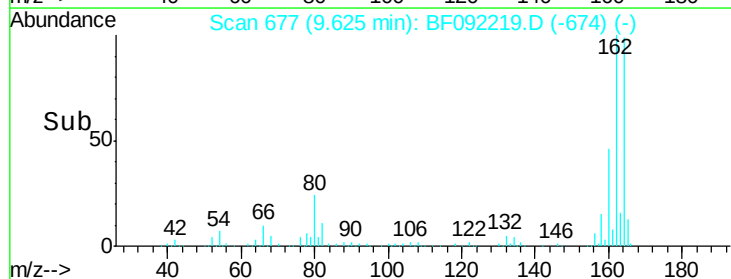
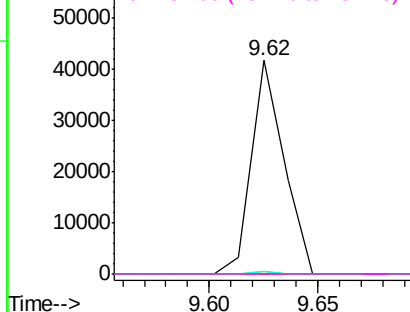


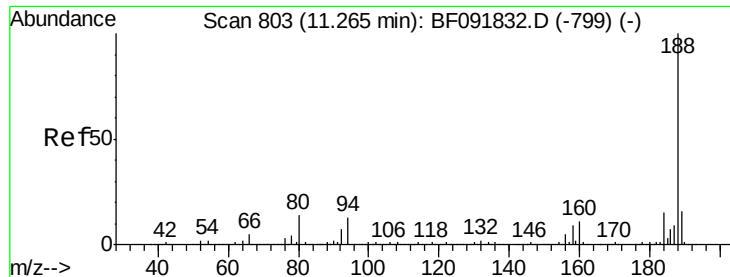
#56
2,4-Dinitrotoluene
Concen: 7.50 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

Tgt Ion:165 Resp: 43195
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#



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

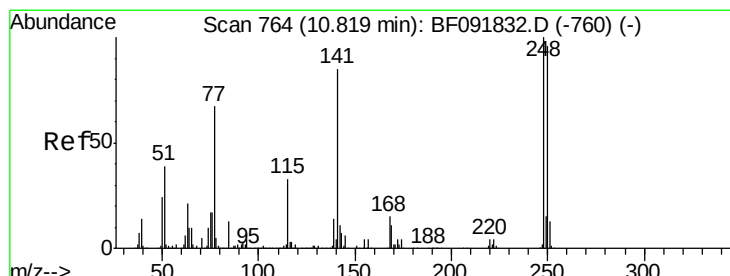
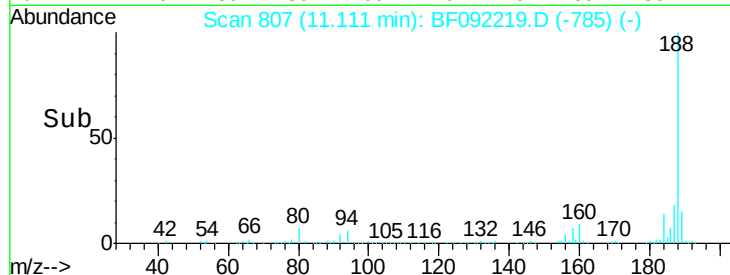
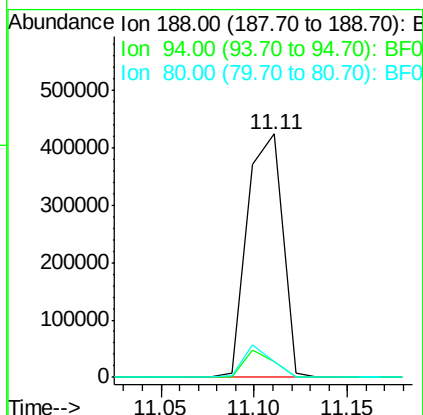
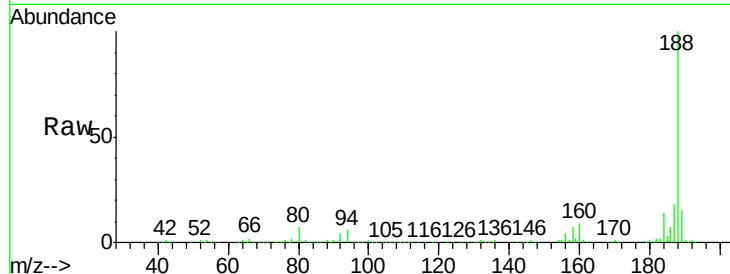




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

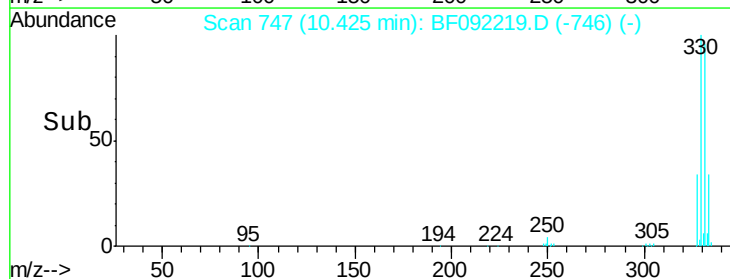
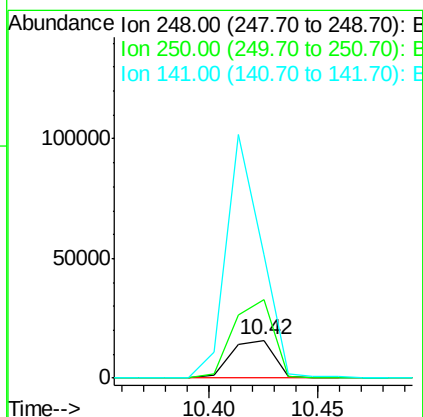
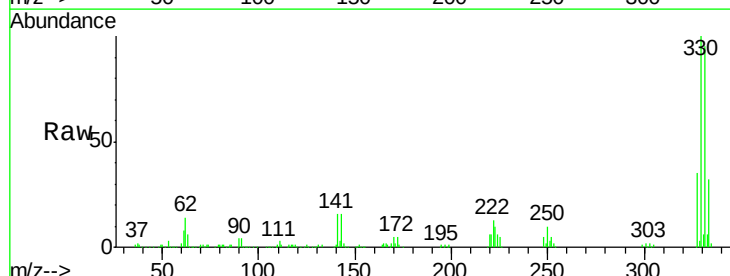
Instrument :
BNA_F
ClientSampled :
COMP-0013

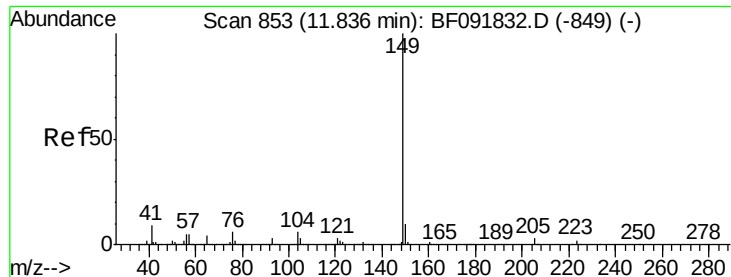
Tgt Ion:188 Resp: 557462
Ion Ratio Lower Upper
188 100
94 6.4 10.0 15.0#
80 6.5 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

Tgt Ion:248 Resp: 21335
Ion Ratio Lower Upper
248 100
250 207.8 76.9 115.3#
141 329.2 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092219.D

Acq: 12 Jan 2017 20:39

Instrument :

BNA_F

ClientSampleId :

COMP-0013

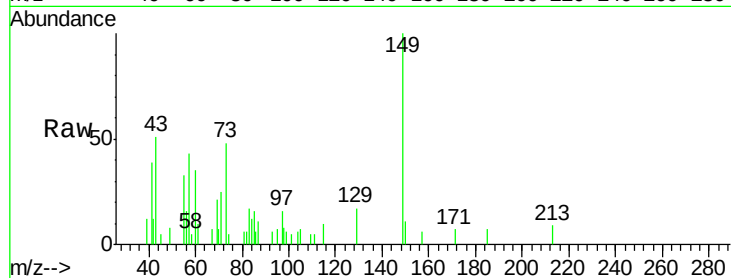
Tgt Ion:149 Resp: 5719

Ion Ratio Lower Upper

149 100

150 11.0 8.1 12.1

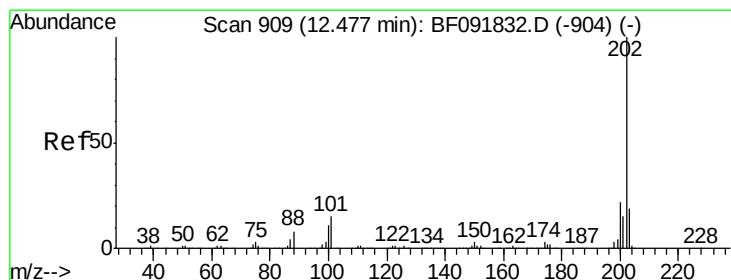
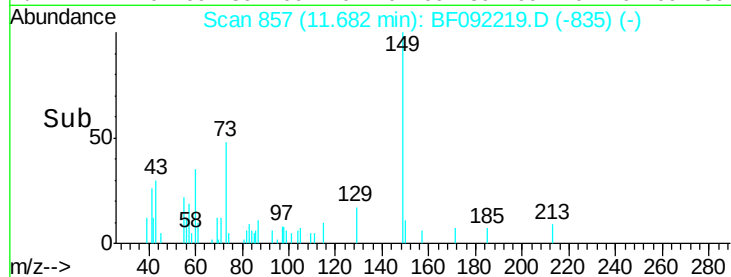
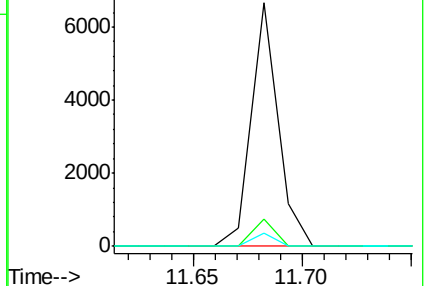
104 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092219.D

Acq: 12 Jan 2017 20:39

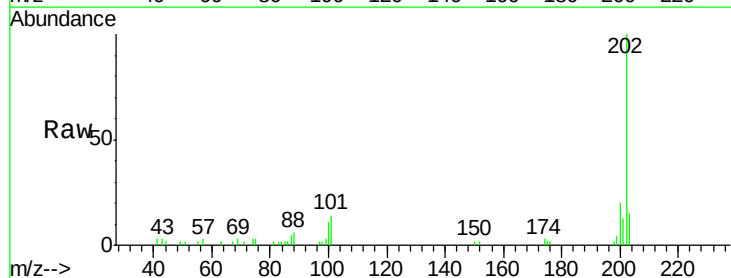
Tgt Ion:202 Resp: 20325

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.6

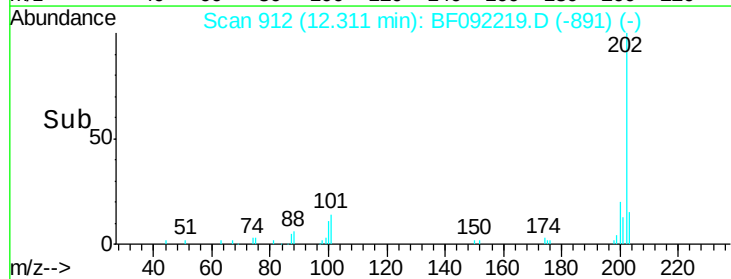
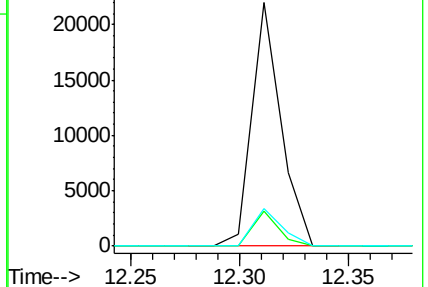
203 15.3 0.0 38.7

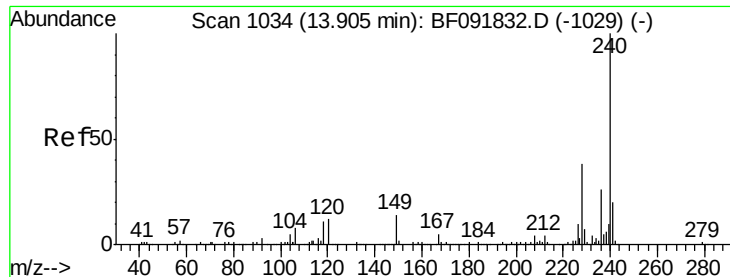


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092219.D

Acq: 12 Jan 2017 20:39

Instrument :

BNA_F

ClientSampleId :

COMP-0013

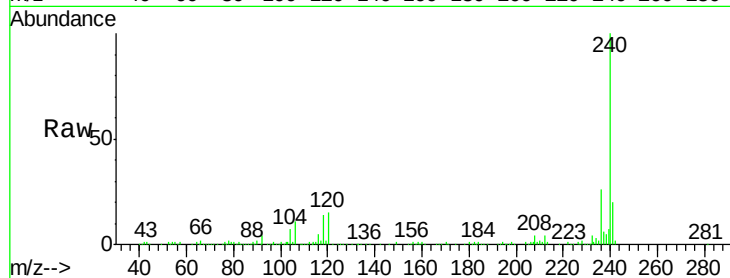
Tgt Ion:240 Resp: 339688

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

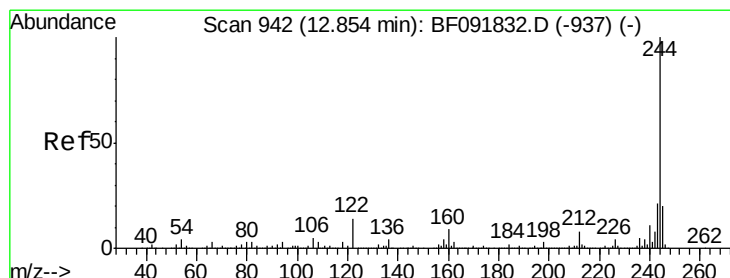
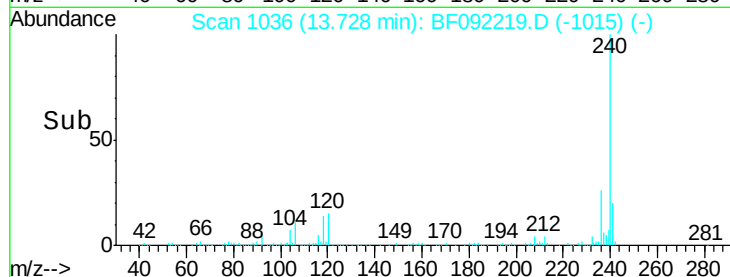
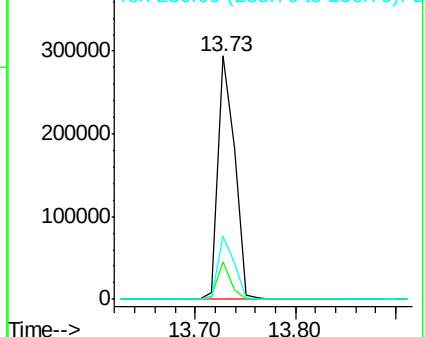
236 25.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 85.39 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092219.D

Acq: 12 Jan 2017 20:39

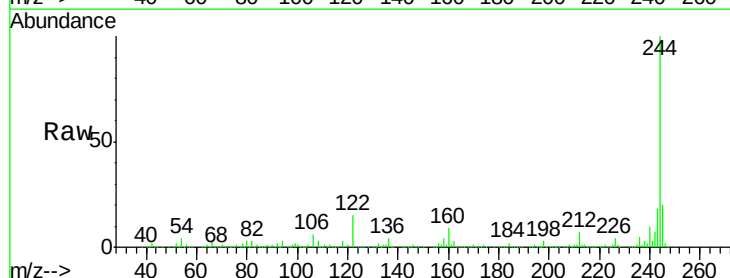
Tgt Ion:244 Resp: 1195927

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

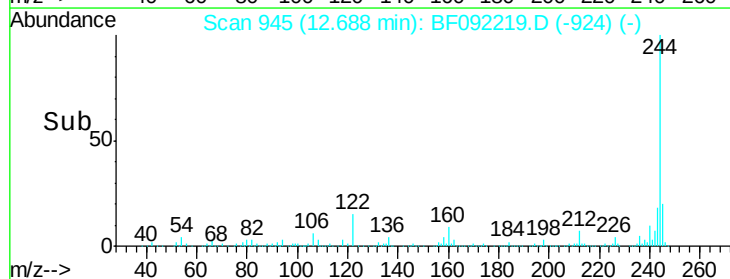
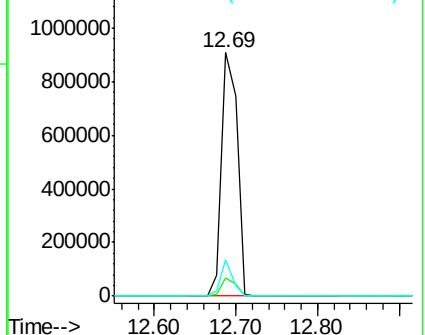
122 14.8 11.4 17.2

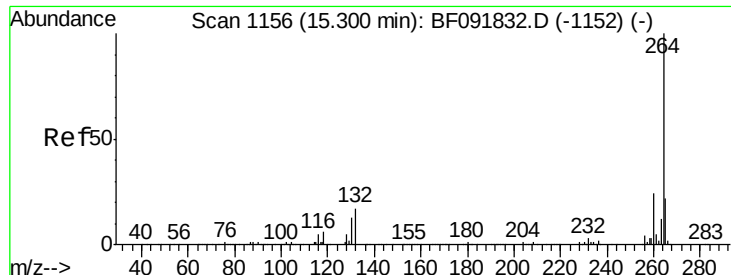


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

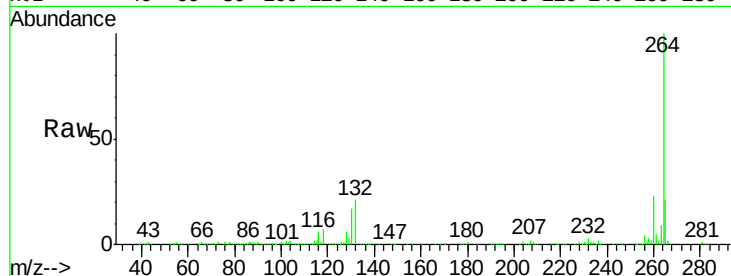




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092219.D
Acq: 12 Jan 2017 20:39

Instrument :
BNA_F
ClientSampleId :
COMP-0013

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

