

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091952.D
 Acq On : 24 Dec 2016 5:33
 Operator : UM/SJ
 Sample : H6205-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: Dec 24 06:08:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

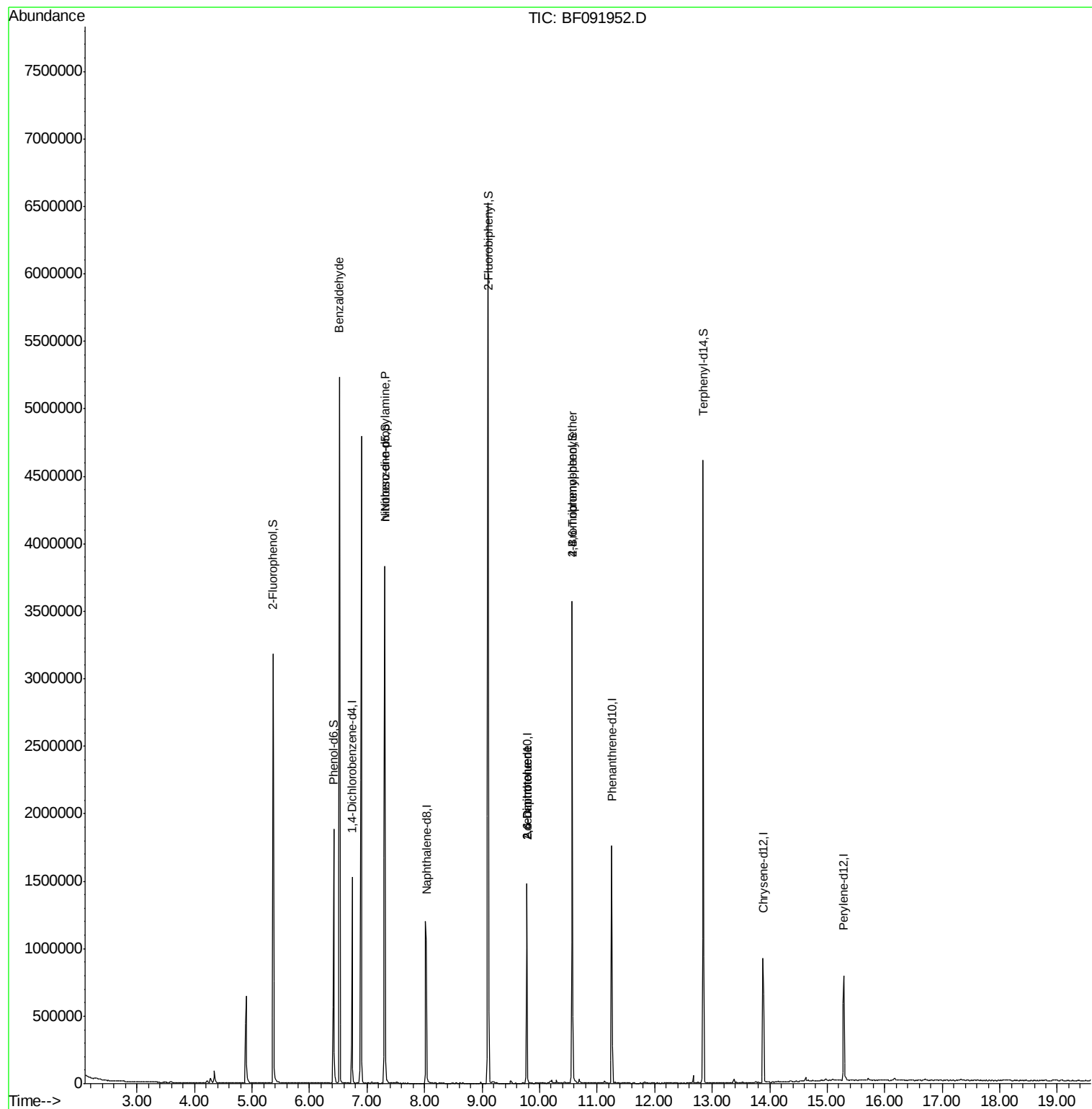
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	221096	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	848129	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	425781	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	614765	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	425236	20.00	ng	-0.02
86) Perylene-d12	15.29	264	405157	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	923016	69.71	ng	0.02
7) Phenol-d6	6.42	99	689885	42.67	ng	0.01
23) Nitrobenzene-d5	7.31	82	1442647	94.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	412272	117.00	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2053712	101.30	ng	-0.01
78) Terphenyl-d14	12.84	244	1501455	85.63	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	33836	2.58	ng	# 71
19) n-Nitroso-di-n-propylamine	7.31	70	195618	18.19	ng	# 77
50) 2,6-Dinitrotoluene	9.78	165	54142	9.08	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	54145	7.24	ng	# 19
66) 4-Bromophenyl-phenylether	10.57	248	27077	4.23	ng	# 1
71) Anthracene	11.28	178	504	Below Cal	#	59
73) Di-n-butylphthalate	11.82	149	3263	Below Cal	#	93
74) Fluoranthene	12.46	202	799	Below Cal		61

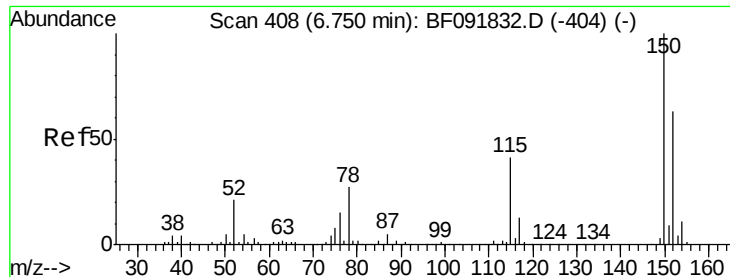
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091952.D
Acq On : 24 Dec 2016 5:33
Operator : UM/SJ
Sample : H6205-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-21

Quant Time: Dec 24 06:08:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

Instrument :

BNA_F

ClientSampled :

W-21

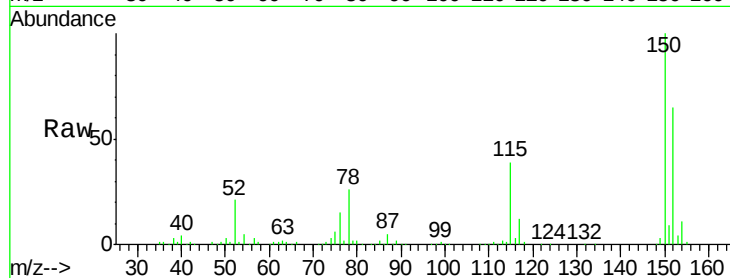
Tgt Ion:152 Resp: 221096

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

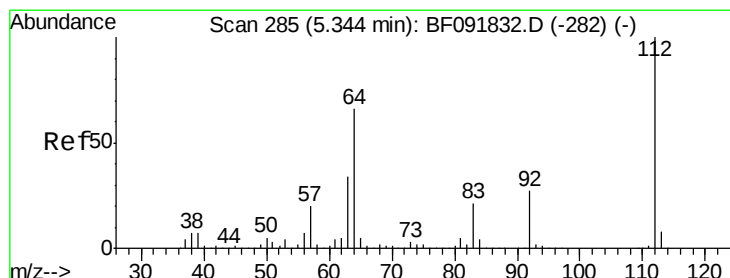
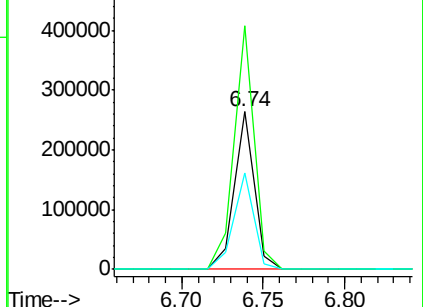
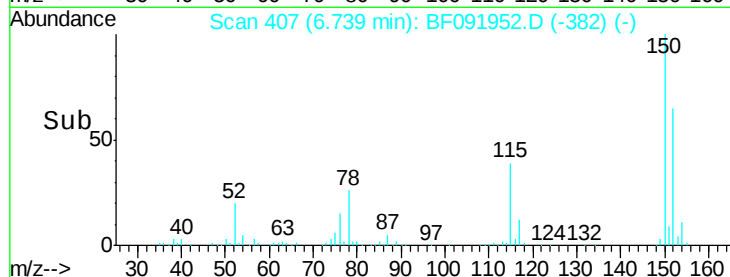
115 61.0 46.0 69.0



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: 69.71 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

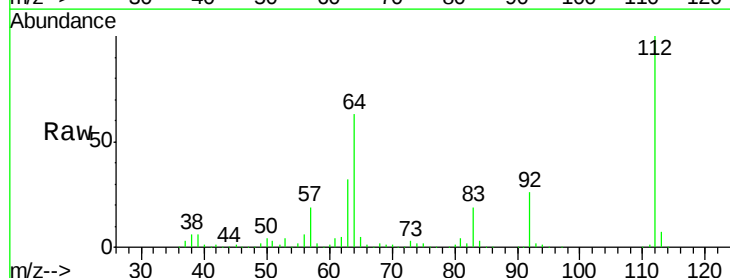
Tgt Ion:112 Resp: 923016

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

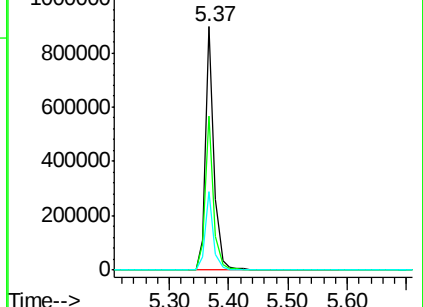
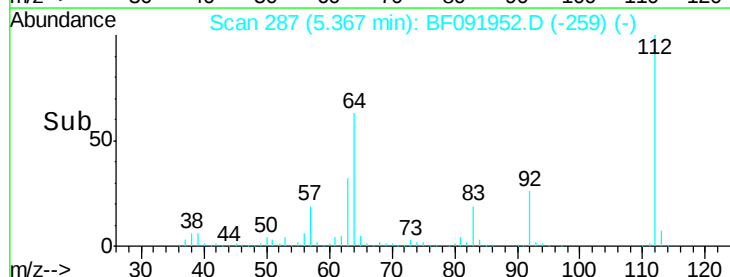
63 32.3 23.8 35.6

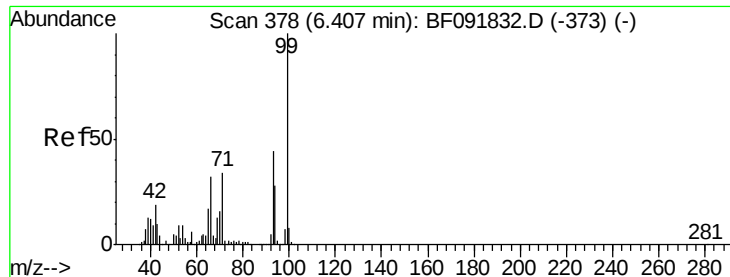


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.67 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

Instrument :

BNA_F

ClientSampleId :

W-21

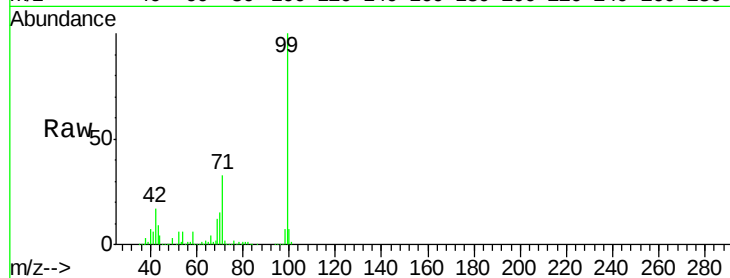
Tgt Ion: 99 Resp: 689885

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

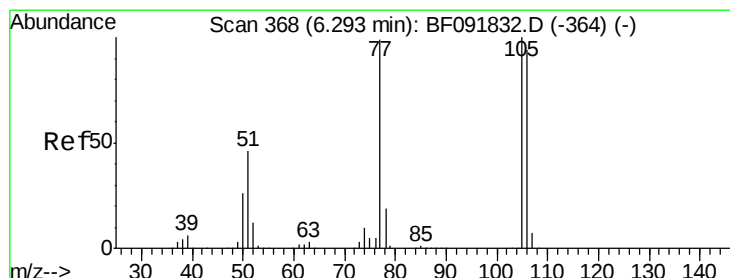
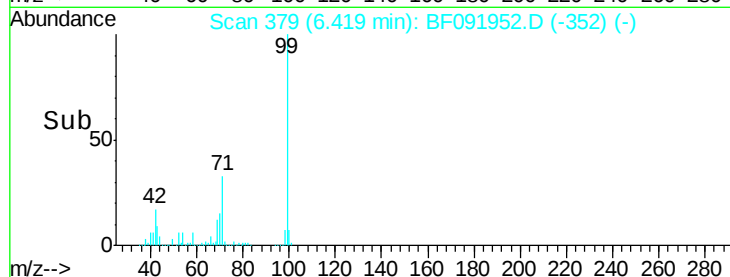
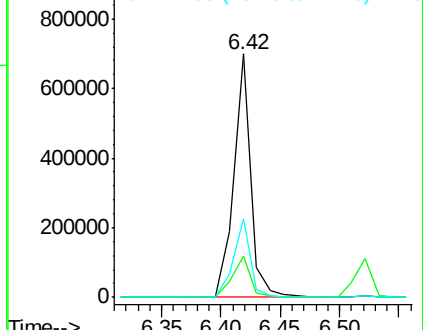
71 32.5 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.58 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.23 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

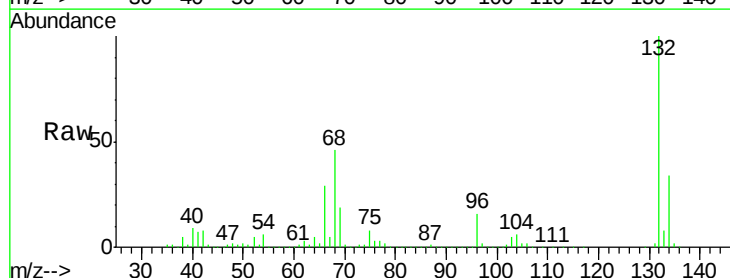
Tgt Ion: 77 Resp: 33836

Ion Ratio Lower Upper

77 100

105 76.6 83.9 123.9#

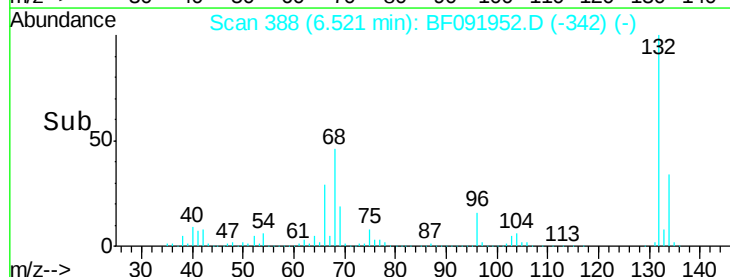
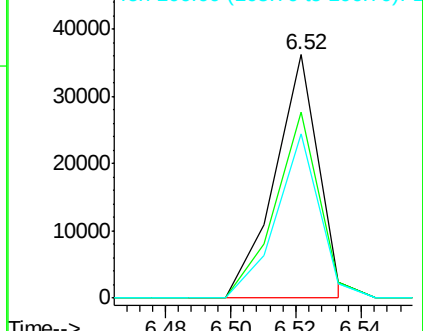
106 67.4 77.6 117.6#

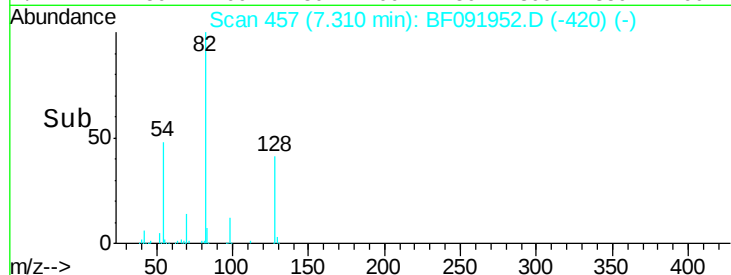
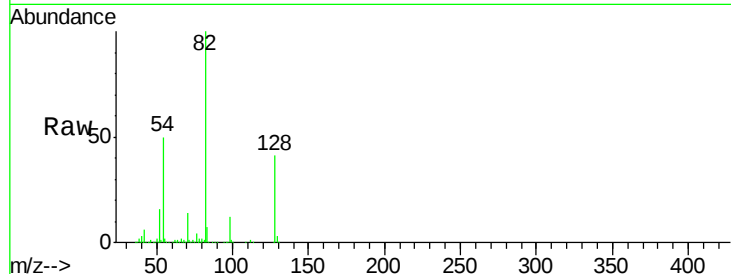
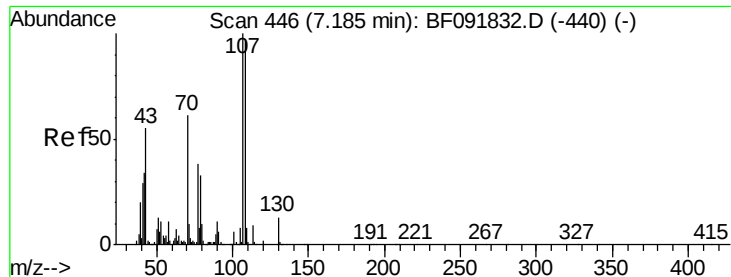


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

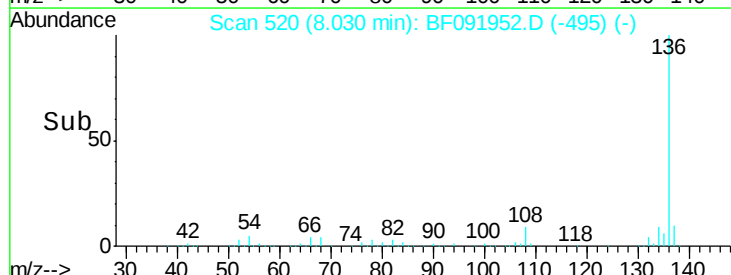
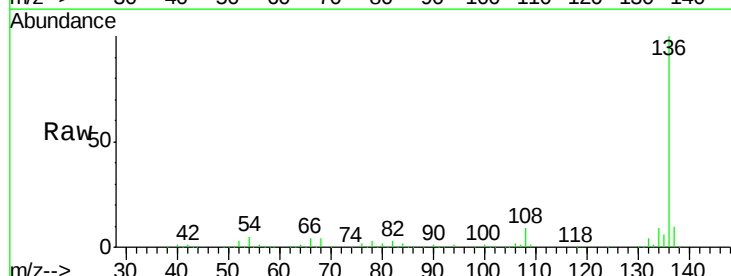
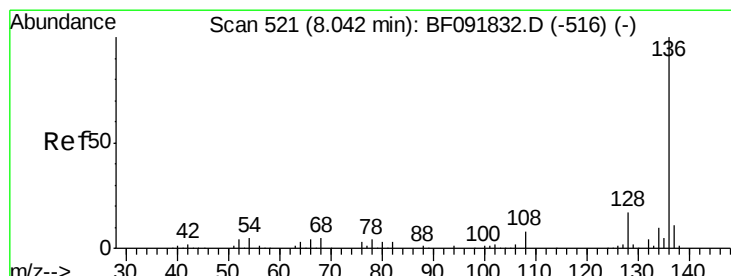
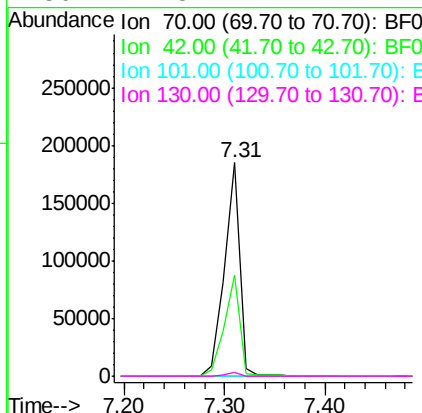




#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

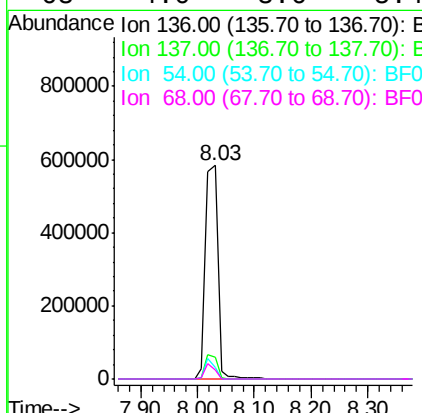
Instrument :
BNA_F
ClientSampleId :
W-21

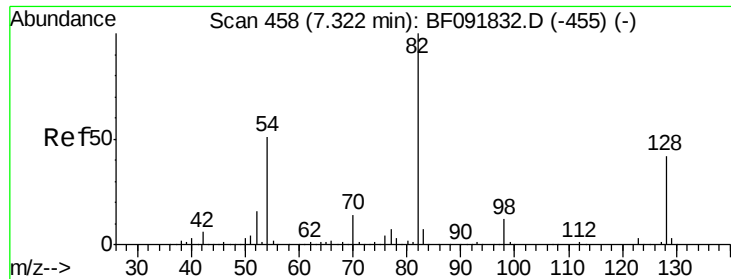
Tgt Ion: 70 Resp: 195618
Ion Ratio Lower Upper
70 100
42 47.4 49.4 74.0#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

Tgt Ion: 136 Resp: 848129
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 5.1 4.5 6.7
68 4.0 3.6 5.4

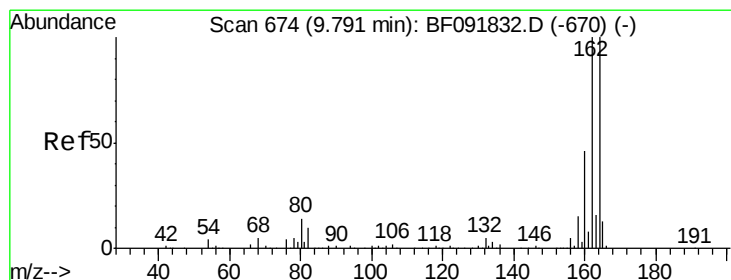
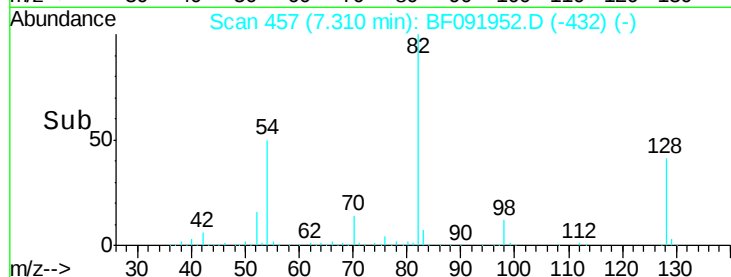
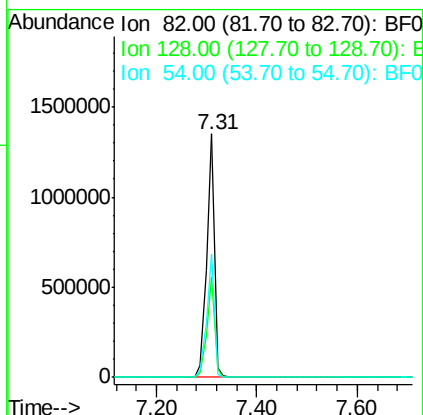
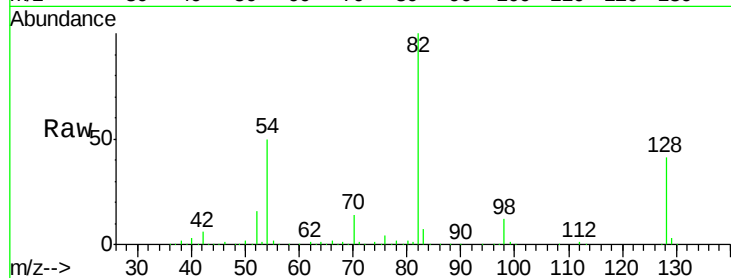




#23
Nitrobenzene-d5
Concen: 94.58 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

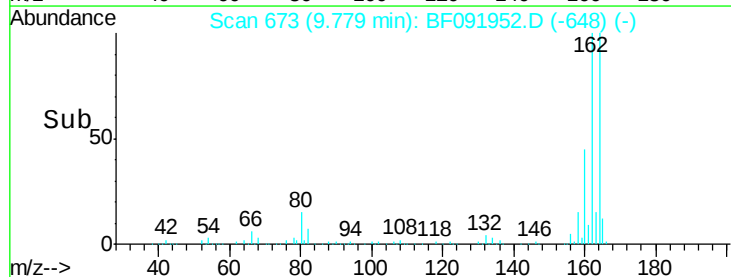
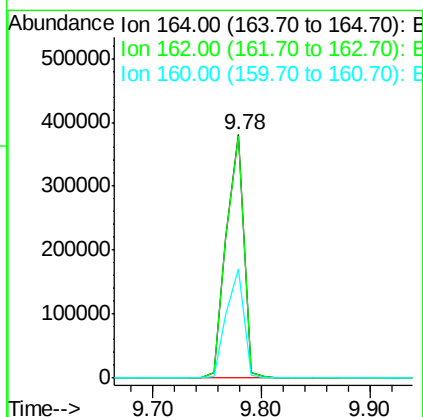
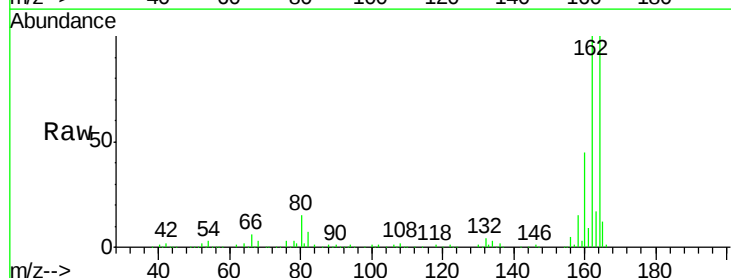
Instrument :
BNA_F
ClientSampleId :
W-21

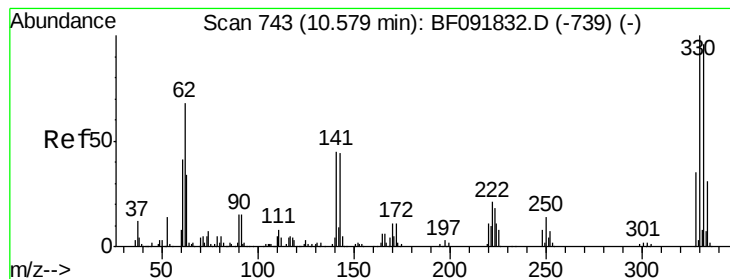
Tgt Ion: 82 Resp: 1442647
Ion Ratio Lower Upper
82 100
128 41.4 34.6 52.0
54 50.5 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

Tgt Ion: 164 Resp: 425781
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.2
160 45.0 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 117.00 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

Instrument :

BNA_F

ClientSampleId :

W-21

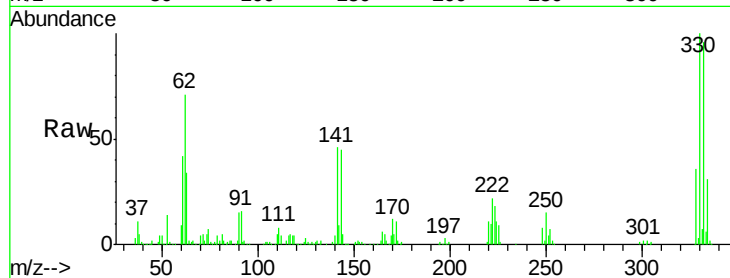
Tgt Ion:330 Resp: 412272

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

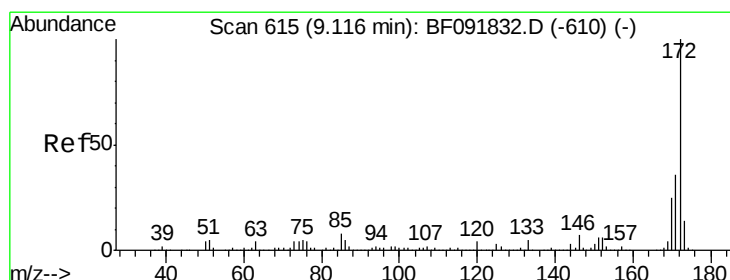
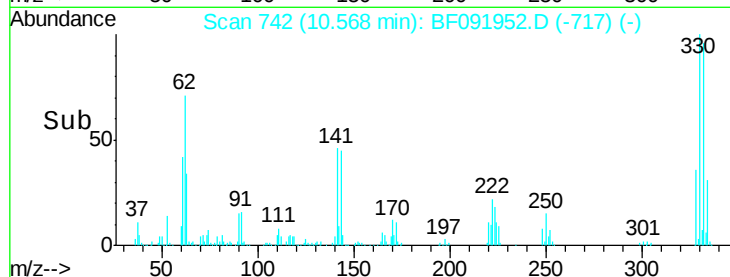
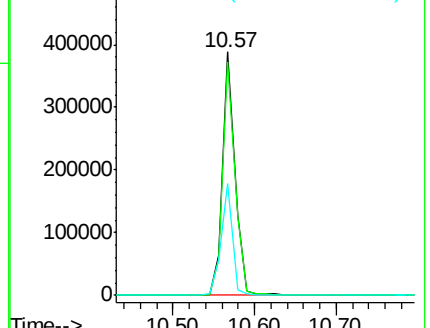
141 41.6 34.1 51.1



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: 101.30 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

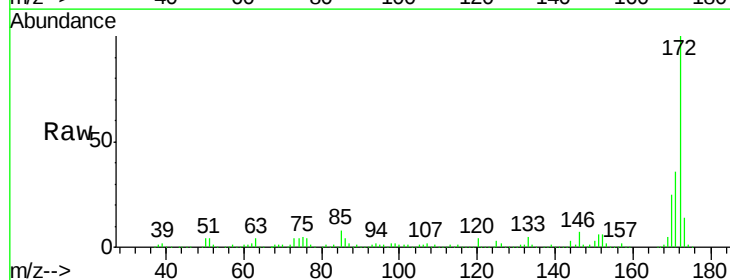
Tgt Ion:172 Resp: 2053712

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

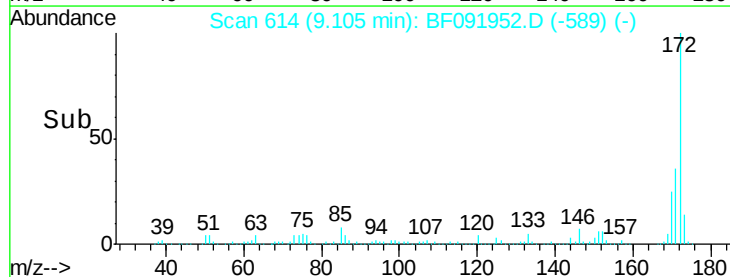
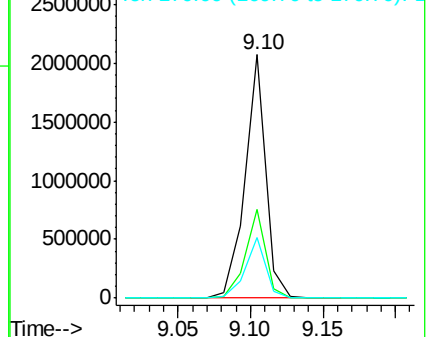
170 25.0 20.2 30.4

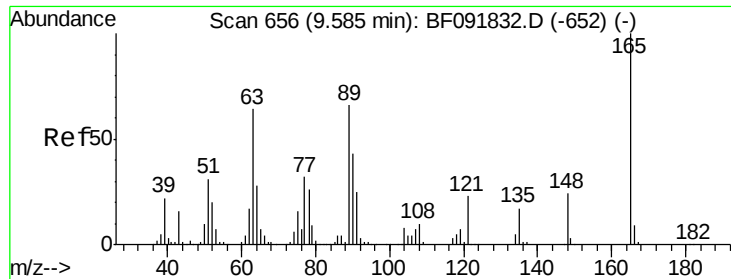


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

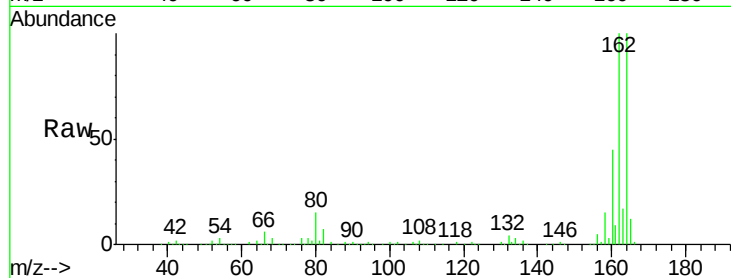




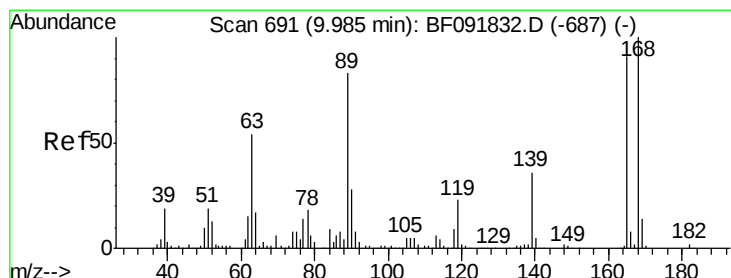
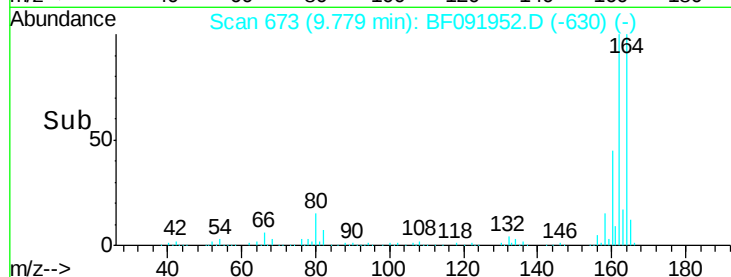
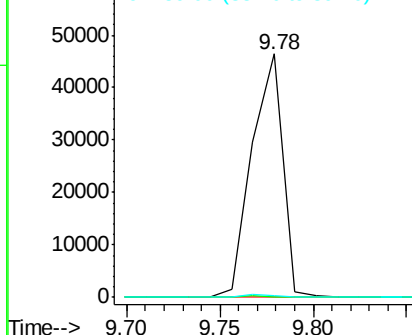
#50
2,6-Dinitrotoluene
Concen: 9.08 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.19 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:165 Resp: 54142
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 0.9 40.2 60.4#

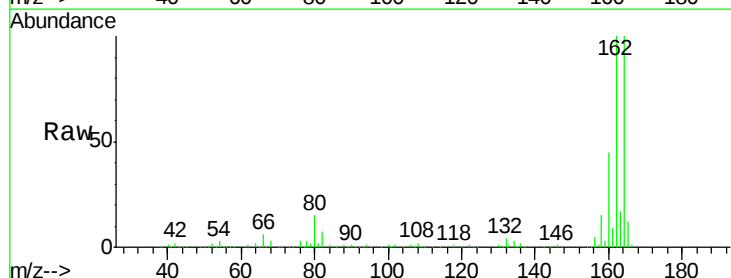


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

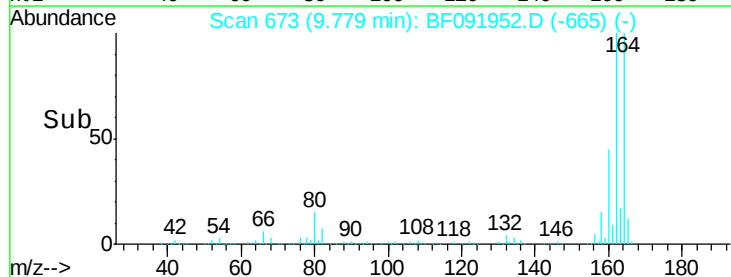
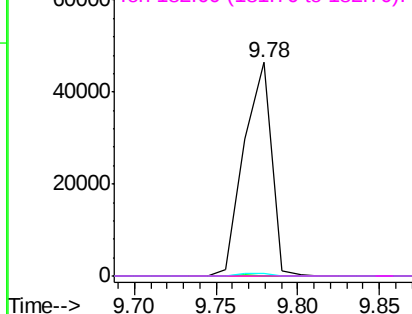


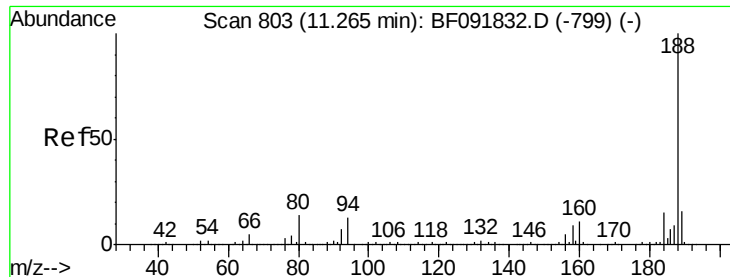
#56
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

Tgt Ion:165 Resp: 54145
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 0.9 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

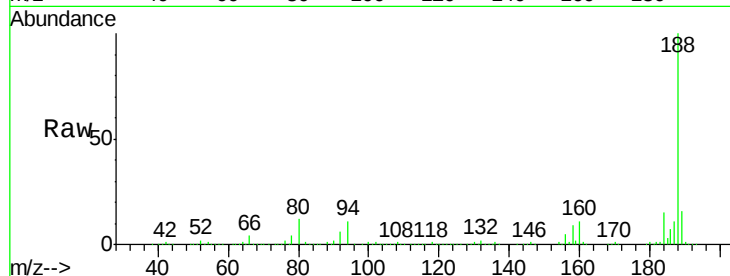




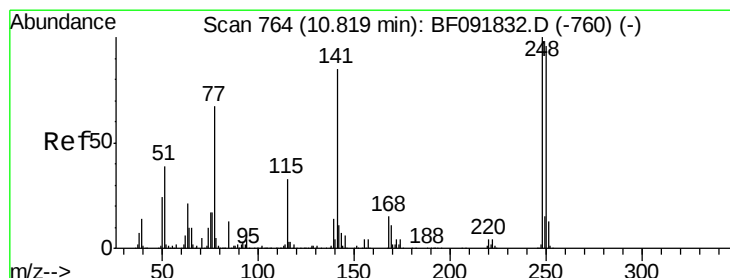
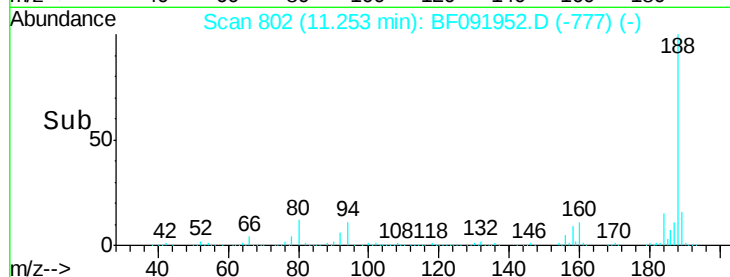
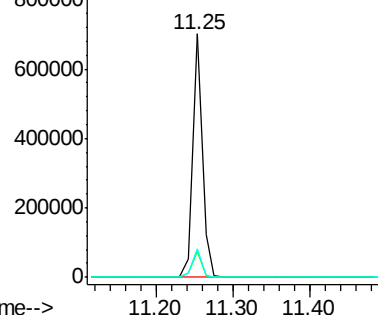
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:188 Resp: 614765
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.5 11.2 16.8

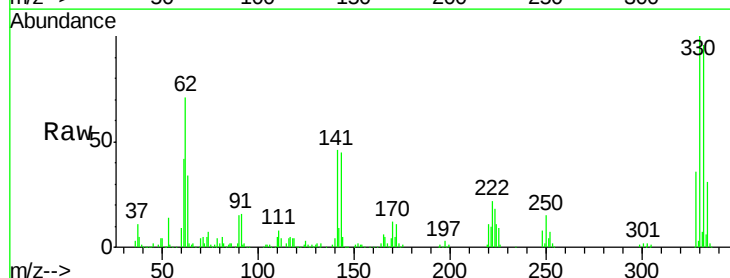


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

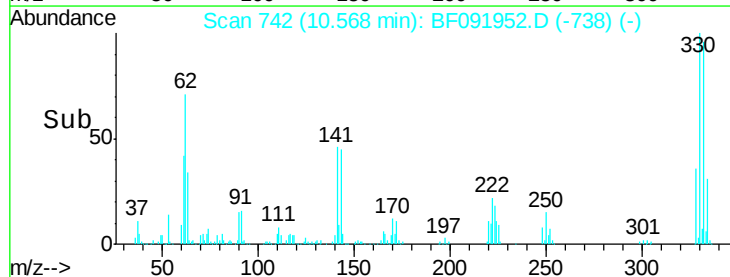
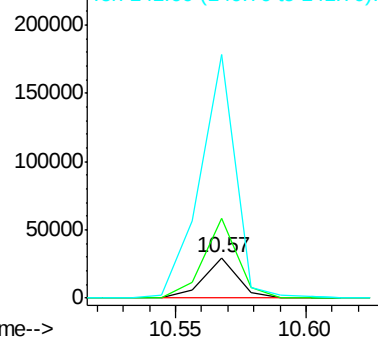


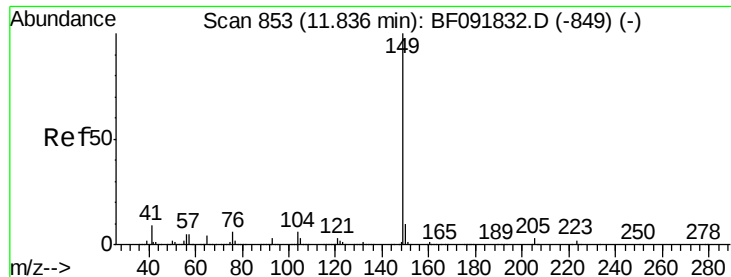
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

Tgt Ion:248 Resp: 27077
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 606.9 68.2 102.4#



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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

Instrument :

BNA_F

ClientSampleId :

W-21

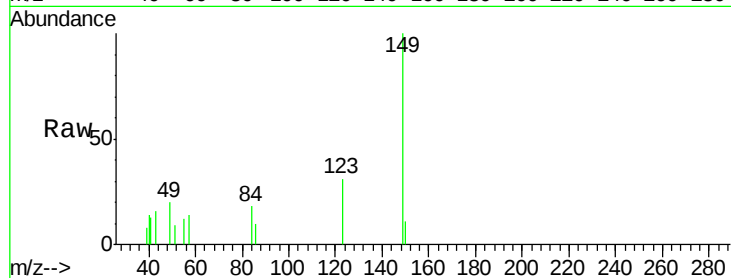
Tgt Ion:149 Resp: 3263

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

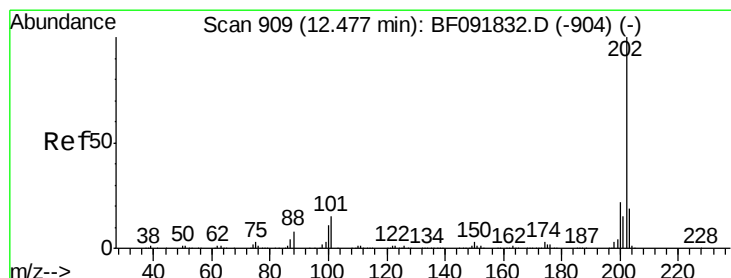
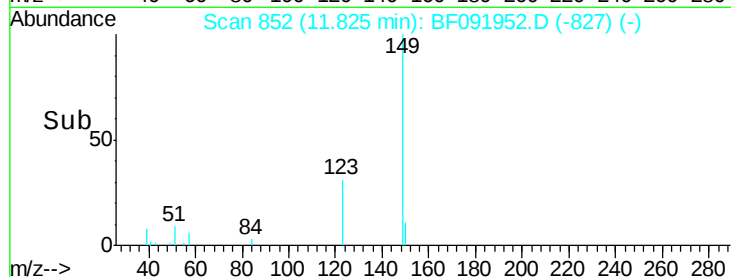
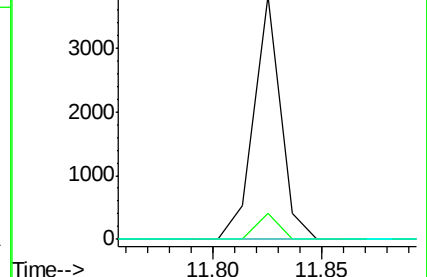
104 0.0 4.6 7.0#



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: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

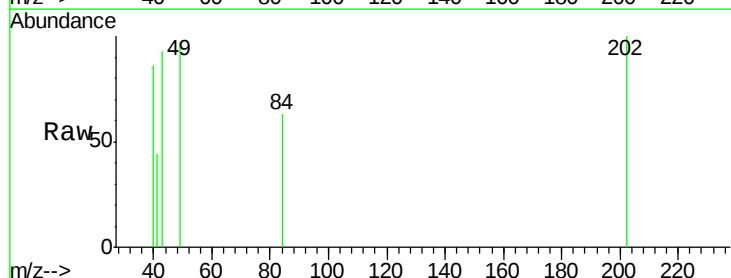
Tgt Ion:202 Resp: 799

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

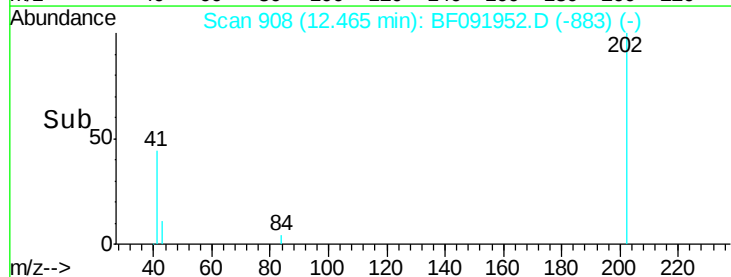
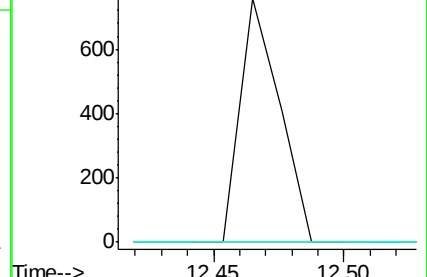
203 0.0 0.0 38.7

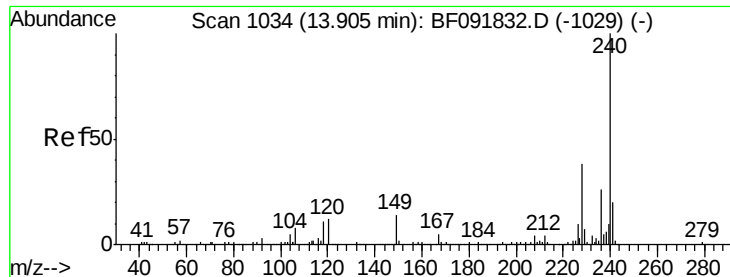


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

Instrument :

BNA_F

ClientSampleId :

W-21

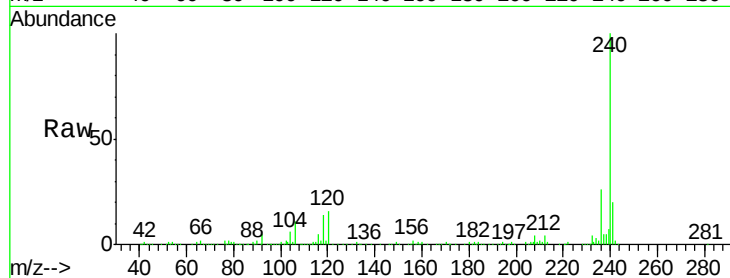
Tgt Ion:240 Resp: 425236

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

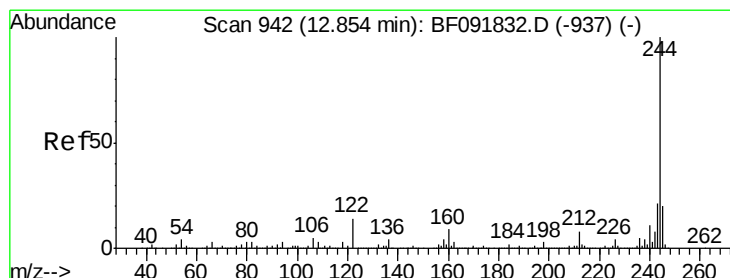
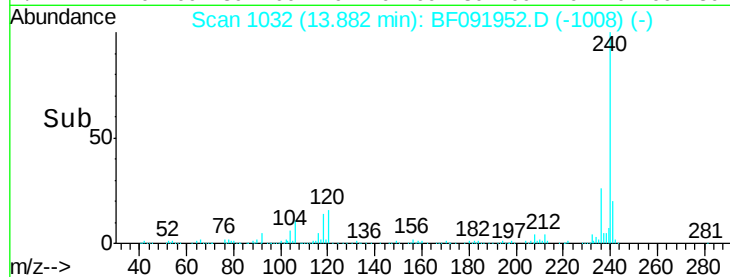
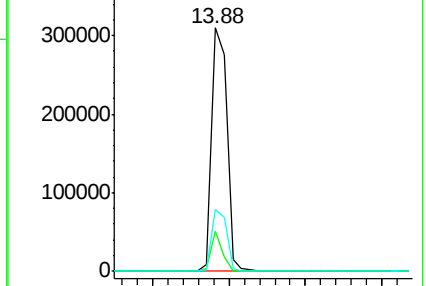
236 25.6 20.9 31.3



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: 85.63 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

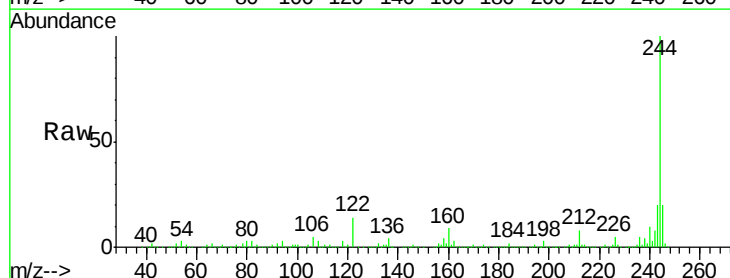
Tgt Ion:244 Resp: 1501455

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

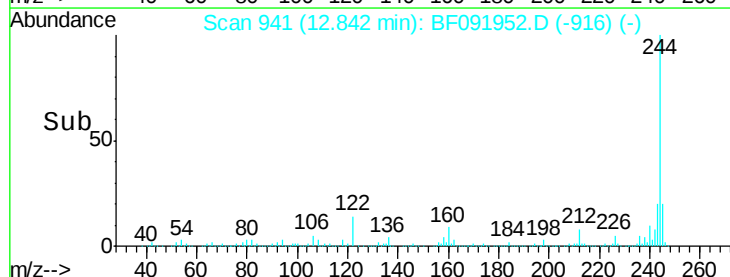
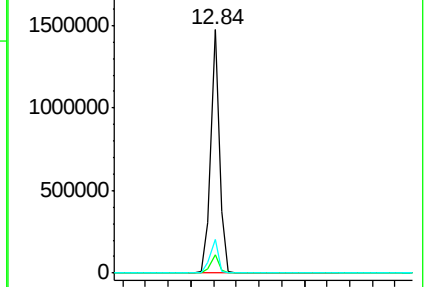
122 13.7 11.4 17.2

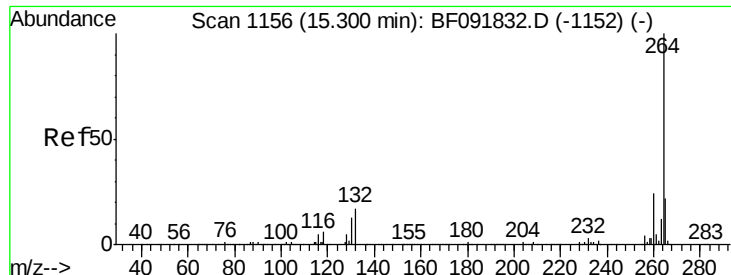


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

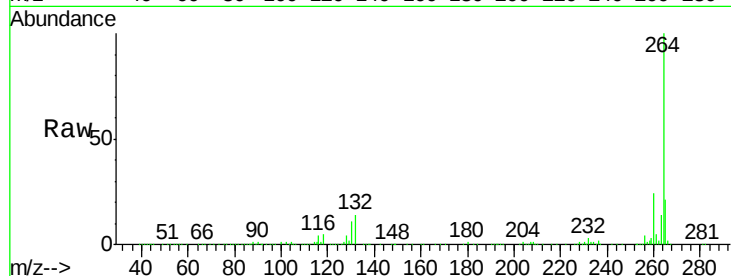




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	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

