

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083788.D
 Acq On : 15 Dec 2015 00:16
 Operator : UM/IZ
 Sample : G4779-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Quant Time: Dec 15 02:27:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

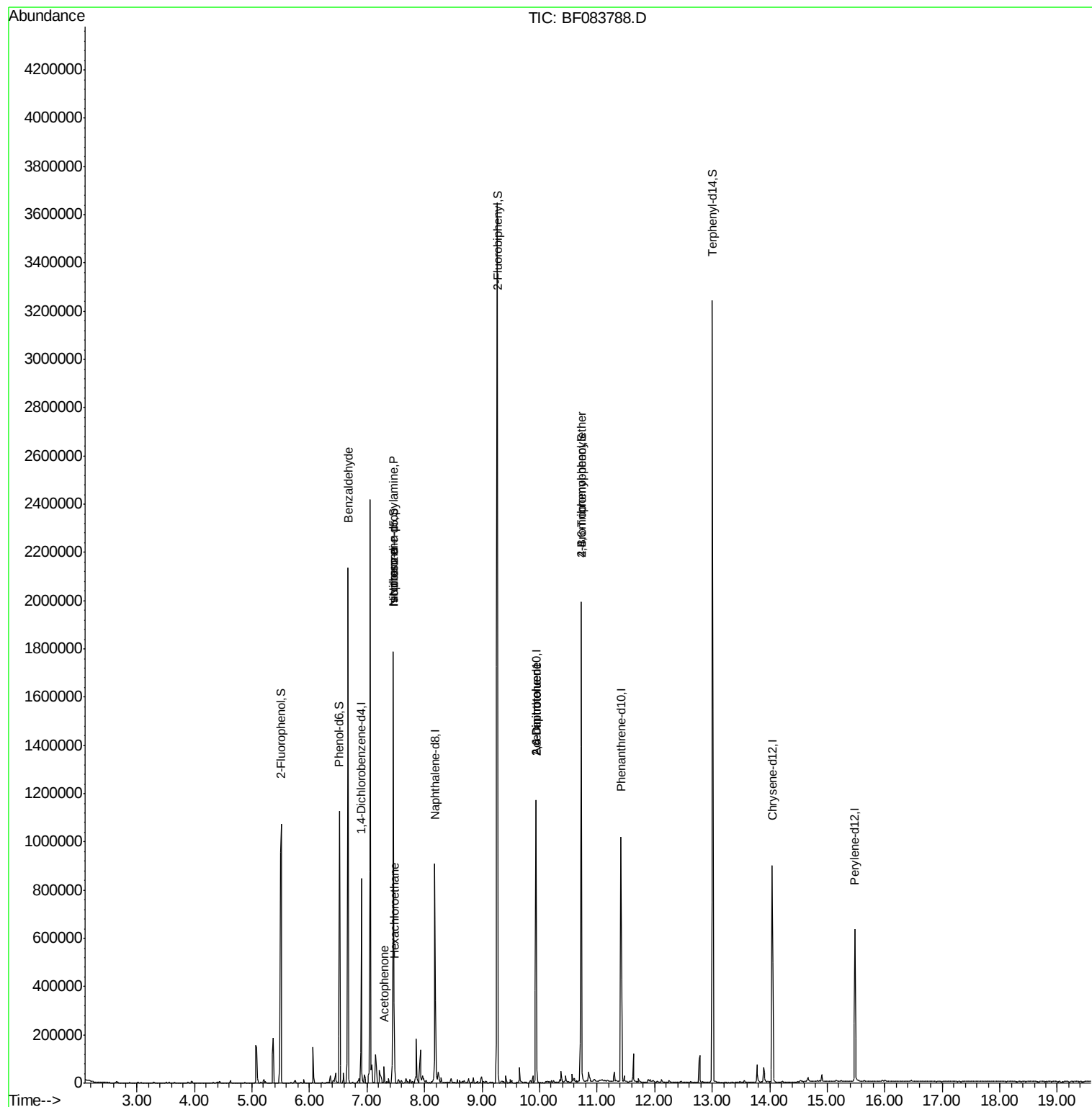
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118230	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	438392	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	234831	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	405100	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	361344	20.00	ng	-0.03
86) Perylene-d12	15.48	264	271909	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	444764	60.69	ng	-0.02
7) Phenol-d6	6.52	99	363483	39.16	ng	-0.02
23) Nitrobenzene-d5	7.46	82	604864	77.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	337075	140.87	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1268212	76.87	ng	-0.02
78) Terphenyl-d14	13.00	244	1273332	75.80	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	16688	3.35	ng	Qvalue 96
18) Hexachloroethane	7.47	117	66166	20.17	ng	# 1
19) n-Nitroso-di-n-propylamine	7.46	70	82248	14.47	ng	# 72
22) Acetophenone	7.30	105	21884	2.03	ng	# 78
25) Isophorone	7.46	82	598792	38.95	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	31182	8.03	ng	# 18
56) 2,4-Dinitrotoluene	9.94	165	31183	6.14	ng	# 13
66) 4-Bromophenyl-phenylether	10.73	248	23637	5.22	ng	# 1

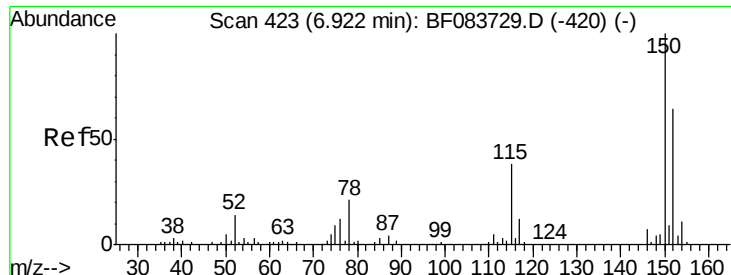
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083788.D
Acq On : 15 Dec 2015 00:16
Operator : UM/IZ
Sample : G4779-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-33

Quant Time: Dec 15 02:27:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Instrument :

BNA_F

ClientSampleId :

W-33

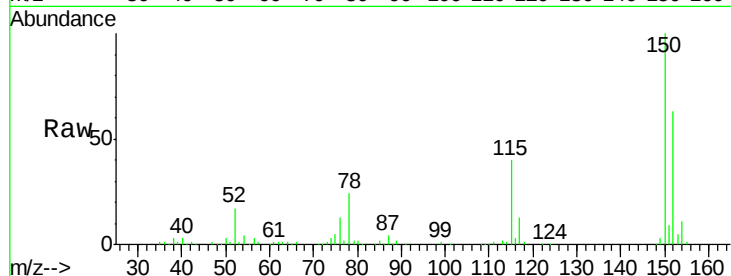
Tgt Ion:152 Resp: 118230

Ion Ratio Lower Upper

152 100

150 158.6 126.5 189.7

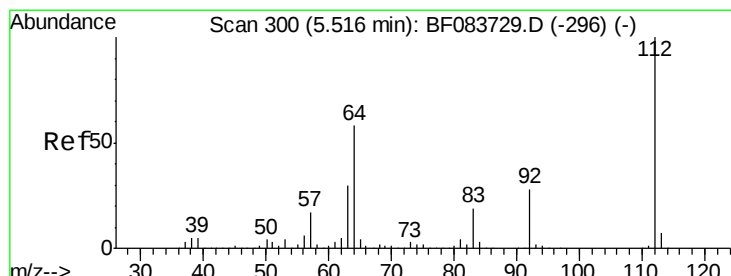
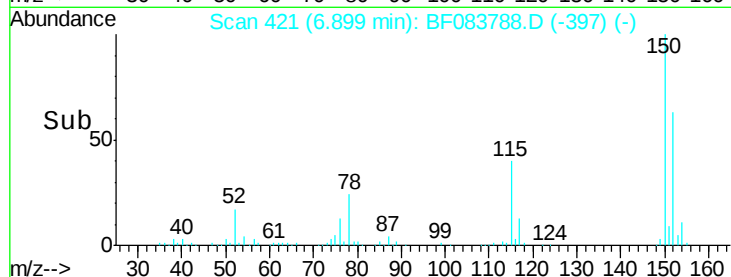
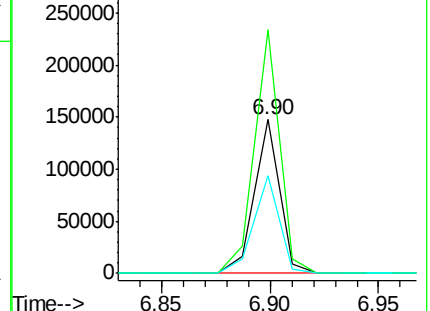
115 63.5 52.3 78.5



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: 60.69 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

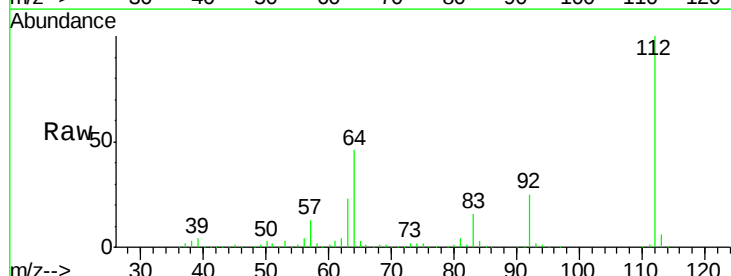
Tgt Ion:112 Resp: 444764

Ion Ratio Lower Upper

112 100

64 45.5 50.5 75.7#

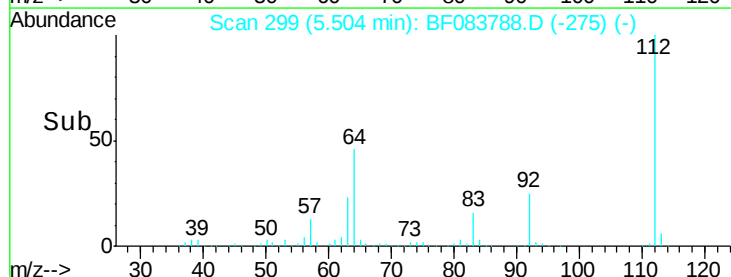
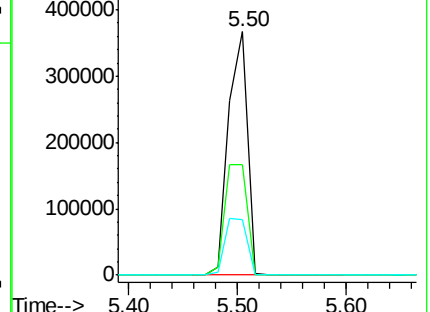
63 23.0 25.8 38.6#

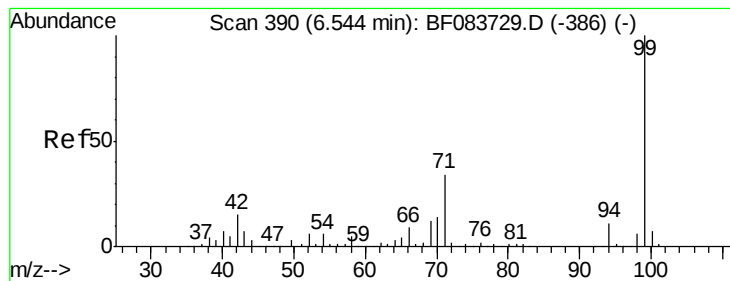


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.16 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Instrument :

BNA_F

ClientSampled :

W-33

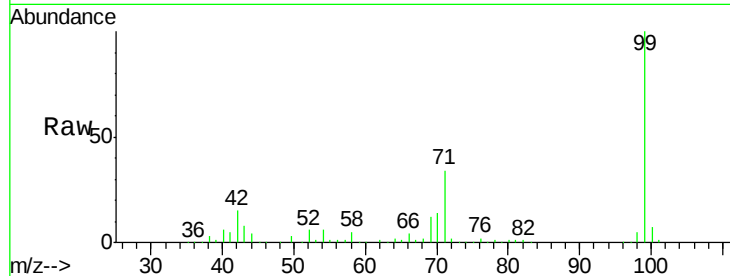
Tgt Ion: 99 Resp: 363483

Ion Ratio Lower Upper

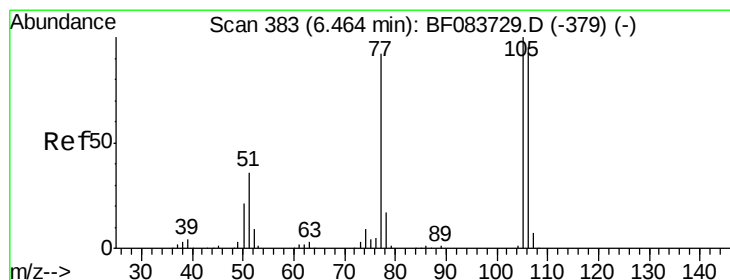
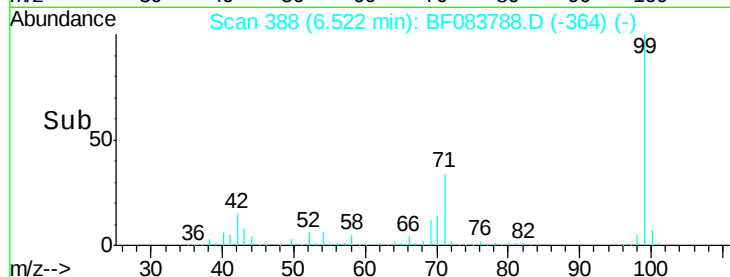
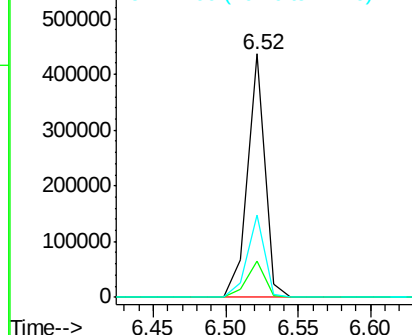
99 100

42 15.0 17.3 25.9#

71 33.6 26.6 40.0



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: 3.35 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

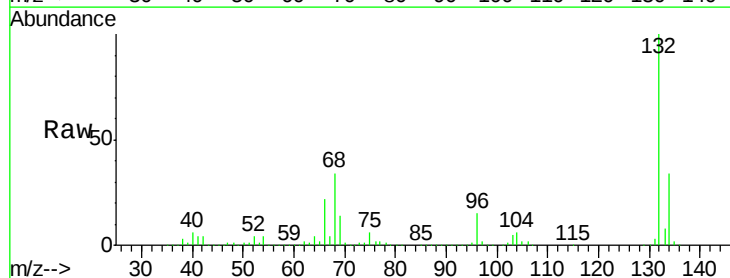
Tgt Ion: 77 Resp: 16688

Ion Ratio Lower Upper

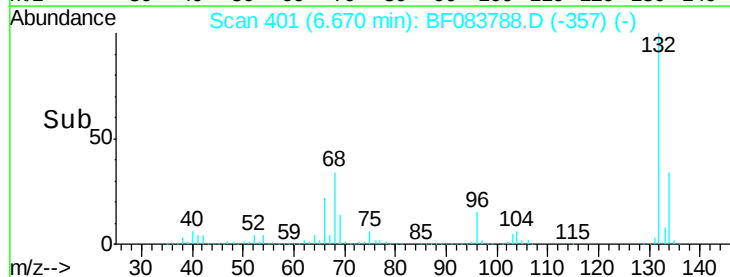
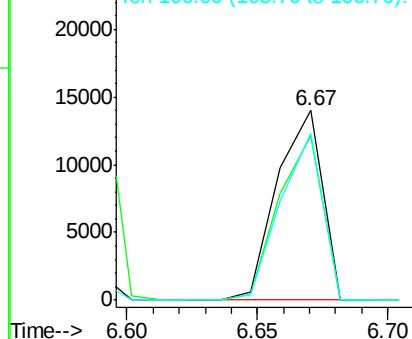
77 100

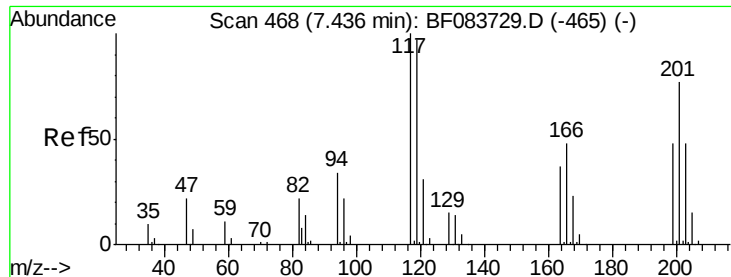
105 86.5 71.8 111.8

106 88.3 66.8 106.8



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

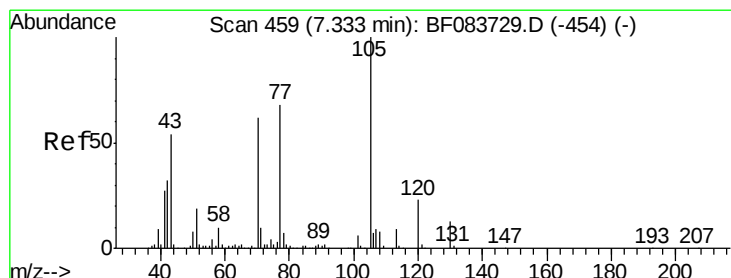
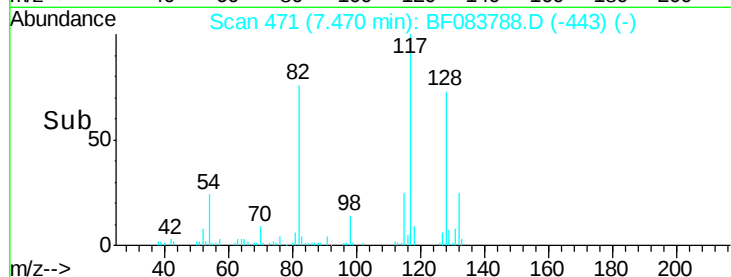
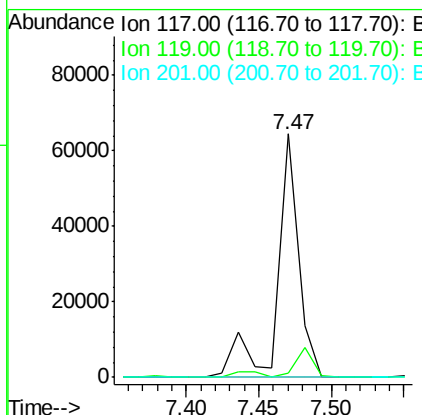
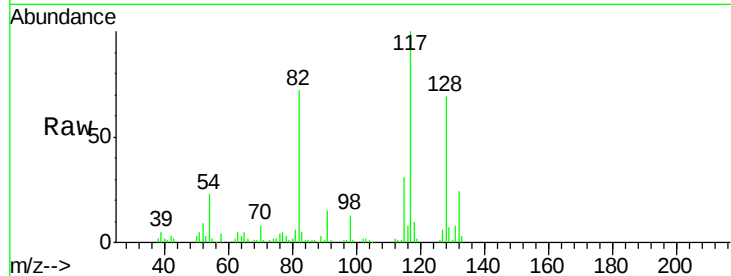




#18
Hexachloroethane
Concen: 20.17 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.02 min
Lab File: BF083788.D
Acq: 15 Dec 2015 00:16

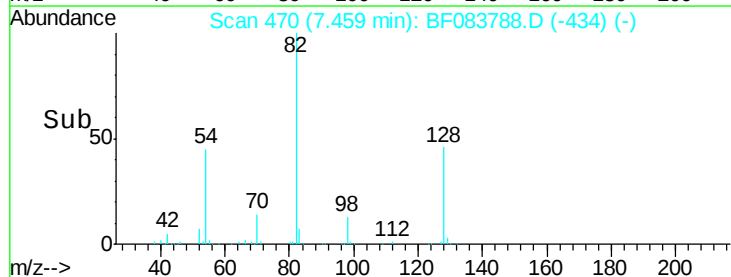
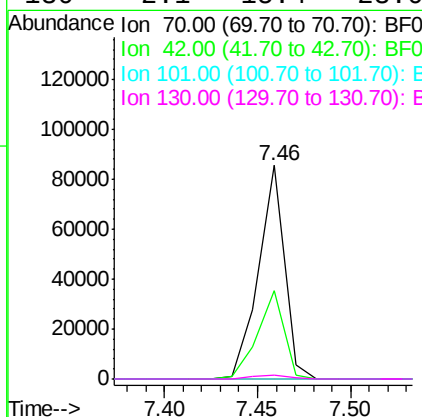
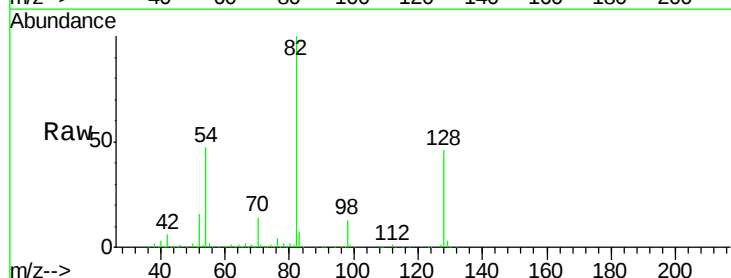
Instrument :
BNA_F
ClientSampleId :
W-33

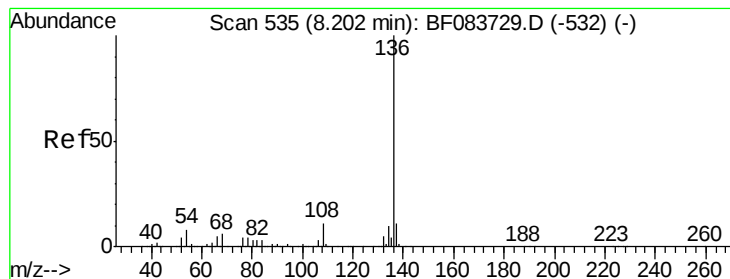
Tgt Ion: 117 Resp: 66166
Ion Ratio Lower Upper
117 100
119 1.5 77.2 115.8#
201 0.0 86.8 130.2#



#19
n-Nitroso-di-n-propylamine
Concen: 14.47 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083788.D
Acq: 15 Dec 2015 00:16

Tgt Ion: 70 Resp: 82248
Ion Ratio Lower Upper
70 100
42 41.5 49.2 73.8#
101 0.0 7.1 10.7#
130 2.1 15.4 23.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Instrument :

BNA_F

ClientSampleId :

W-33

Tgt Ion:136 Resp: 438392

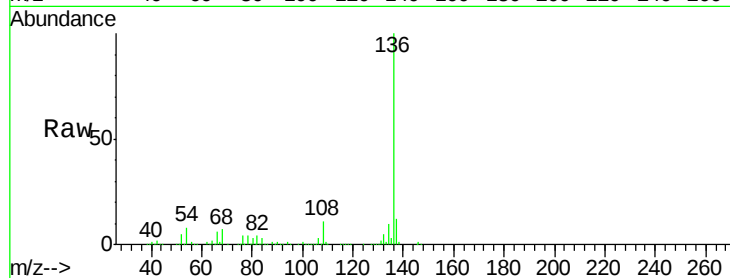
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 8.3 7.8 11.6

68 6.5 5.7 8.5

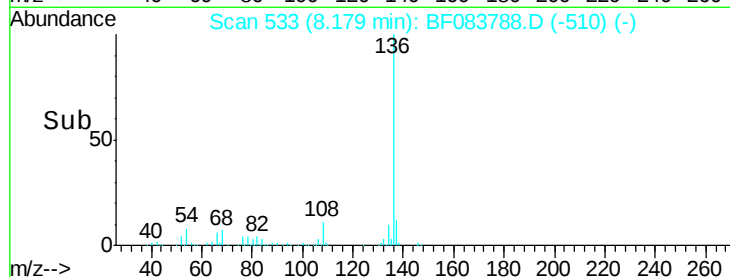


Abundance Ion 136.00 (135.70 to 136.70): E

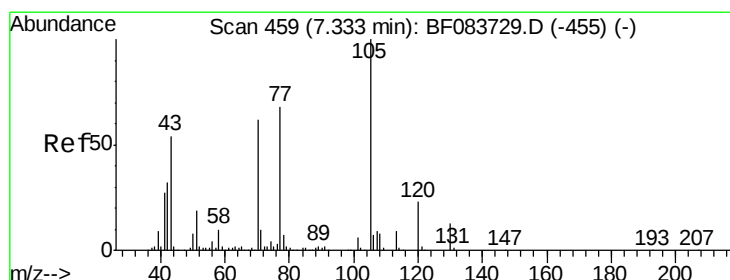
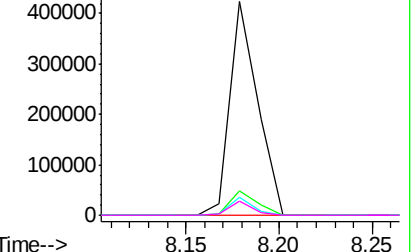
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.03 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Tgt Ion:105 Resp: 21884

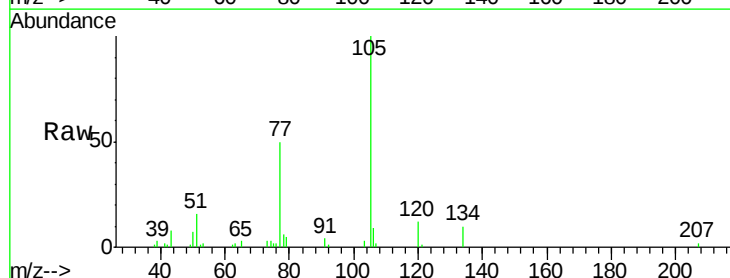
Ion Ratio Lower Upper

105 100

71 0.0 1.3 1.9#

51 15.9 23.8 35.8#

120 12.1 16.7 25.1#

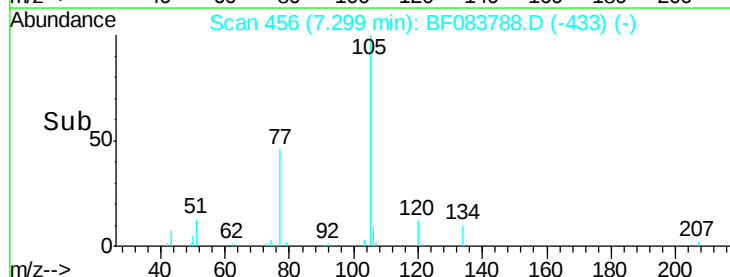


Abundance Ion 105.00 (104.70 to 105.70): E

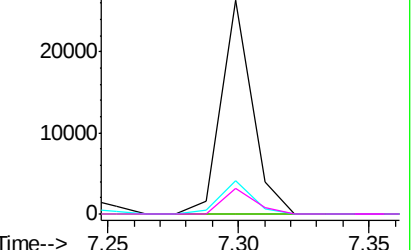
Ion 71.00 (70.70 to 71.70): BF0

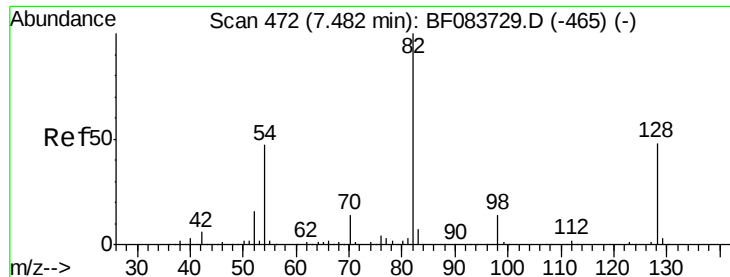
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 77.19 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Instrument :

BNA_F

ClientSampleId :

W-33

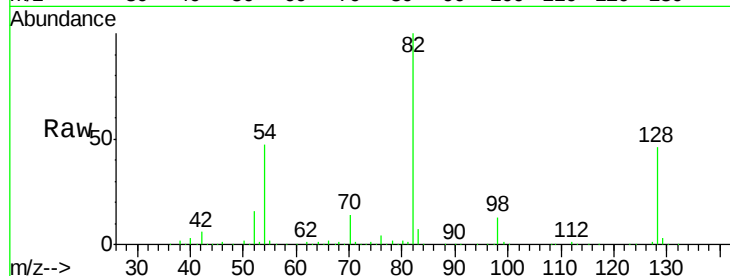
Tgt Ion: 82 Resp: 604864

Ion Ratio Lower Upper

82 100

128 45.9 30.7 46.1

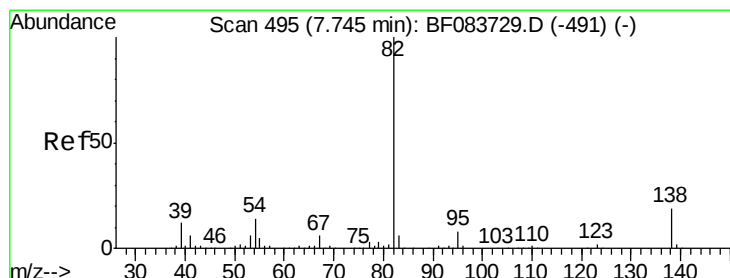
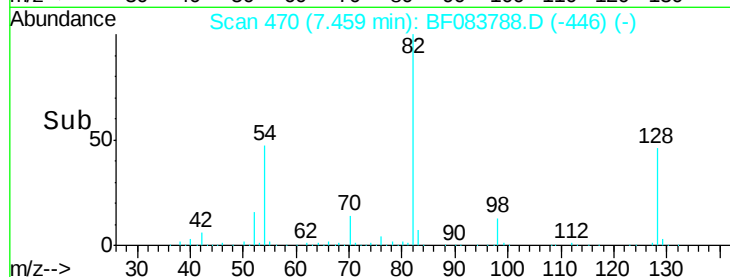
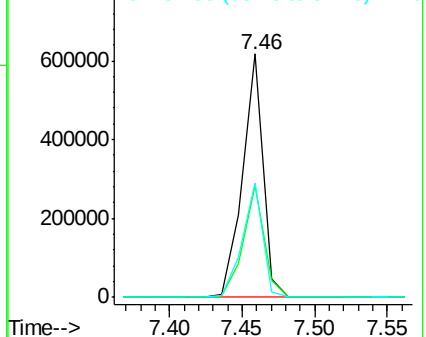
54 47.1 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 38.95 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

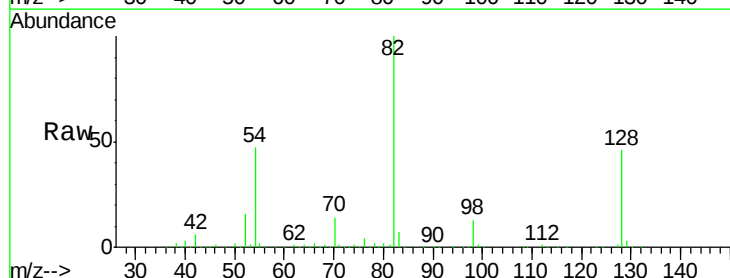
Tgt Ion: 82 Resp: 598792

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

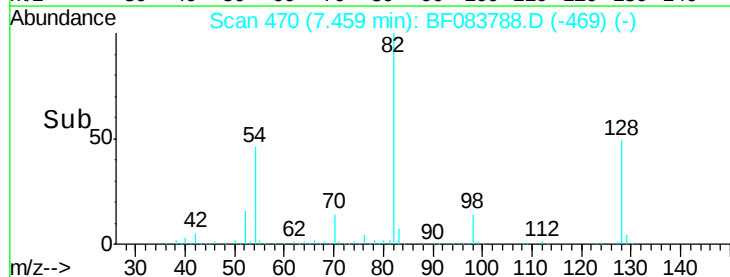
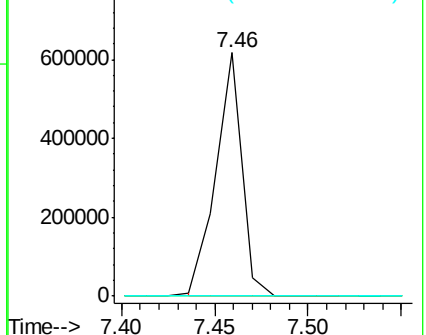
138 0.0 12.1 18.1#

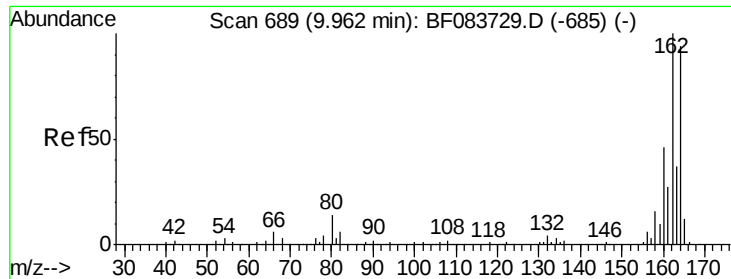


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Instrument :

BNA_F

ClientSampleId :

W-33

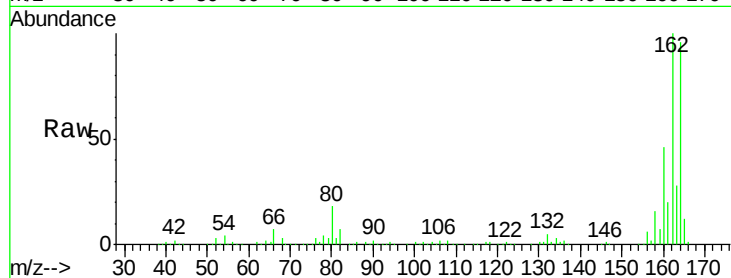
Tgt Ion:164 Resp: 234831

Ion Ratio Lower Upper

164 100

162 104.6 78.8 118.2

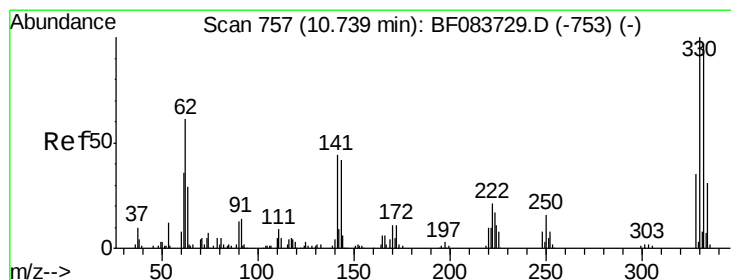
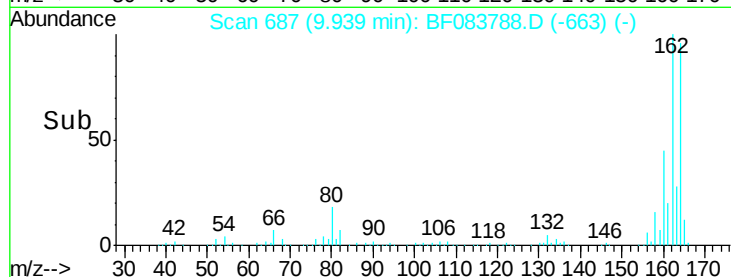
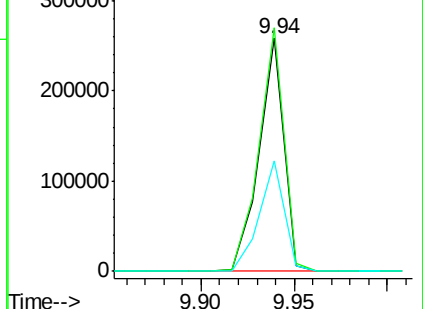
160 47.7 33.4 50.2



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: 140.87 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

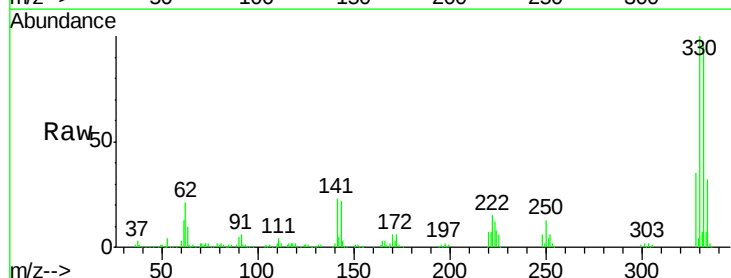
Tgt Ion:330 Resp: 337075

Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

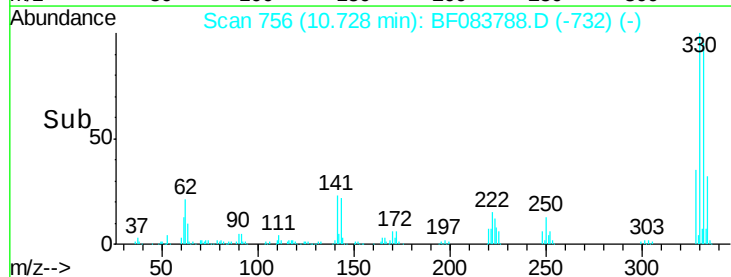
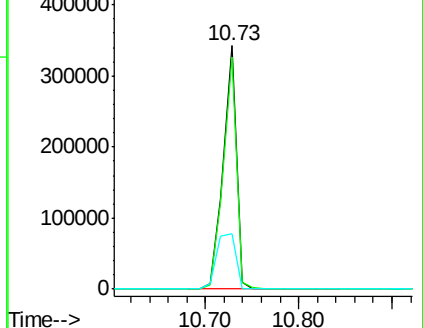
141 33.2 0.0 0.0#

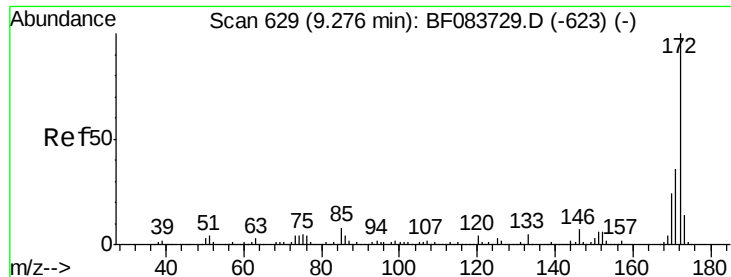


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

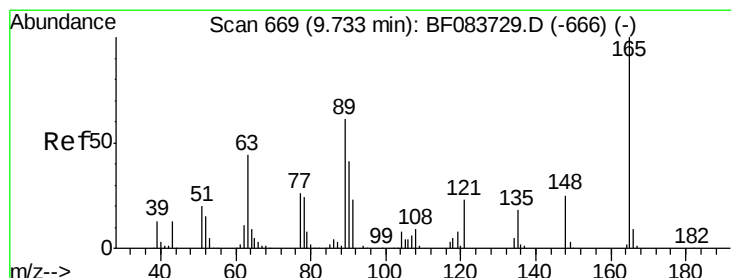
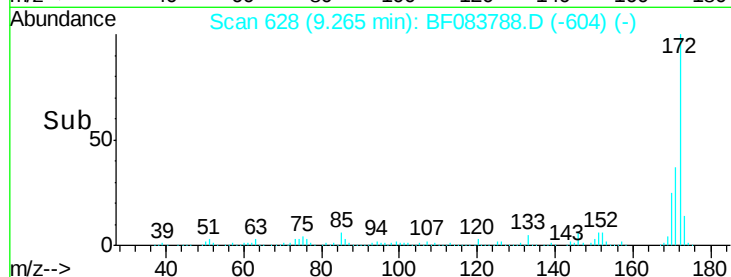
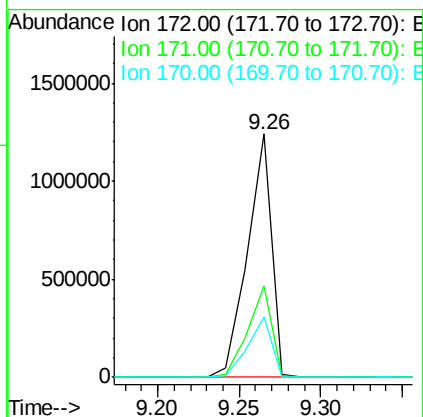
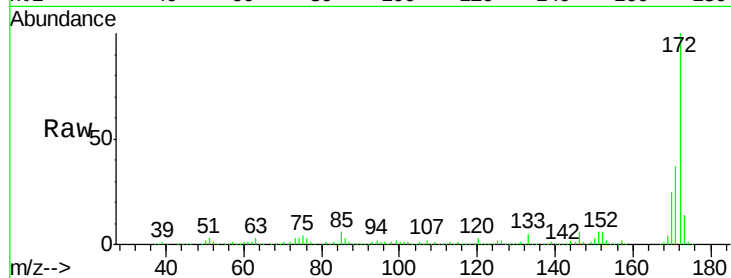




#44
 2-Fluorobiphenyl
 Concen: 76.87 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

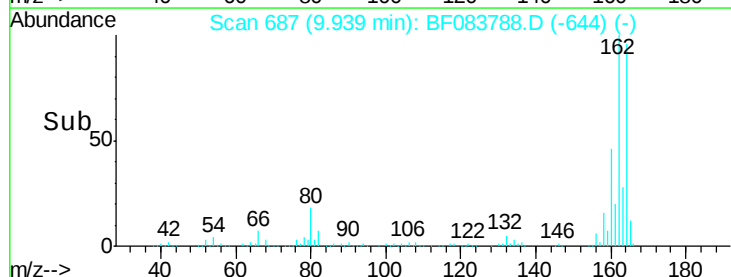
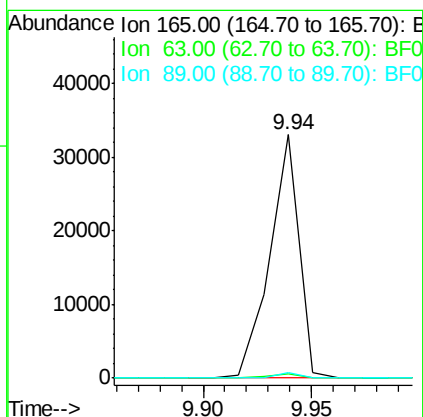
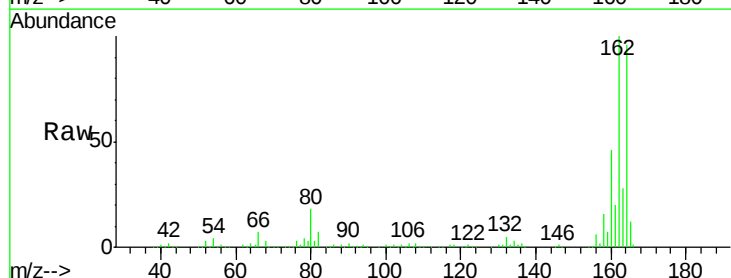
Instrument :
 BNA_F
 ClientSampleId :
 W-33

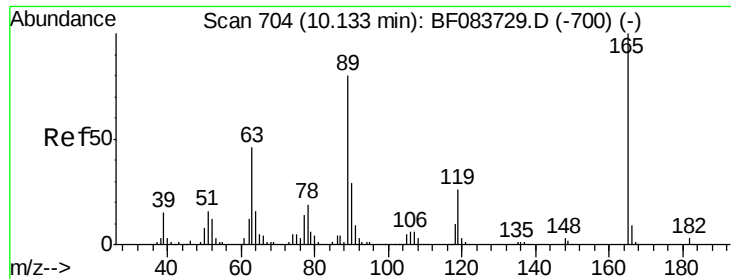
Tgt Ion:172 Resp: 1268212
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.6 42.8
 170 25.0 19.4 29.0



#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

Tgt Ion:165 Resp: 31182
 Ion Ratio Lower Upper
 165 100
 63 2.0 56.9 85.3#
 89 2.2 52.1 78.1#

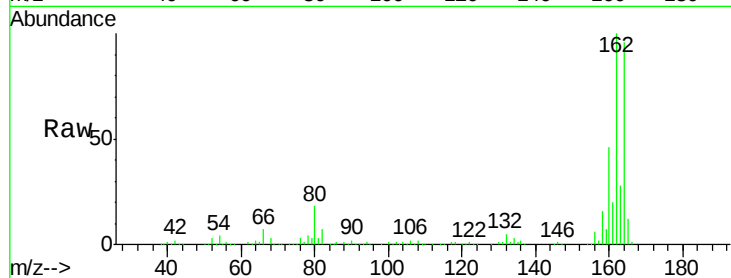




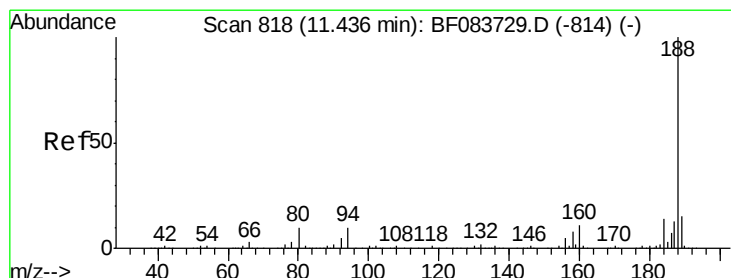
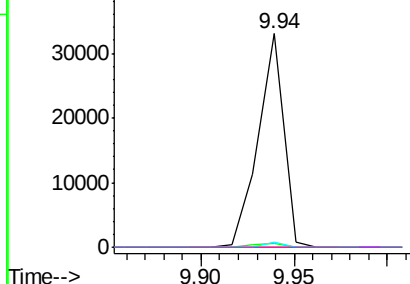
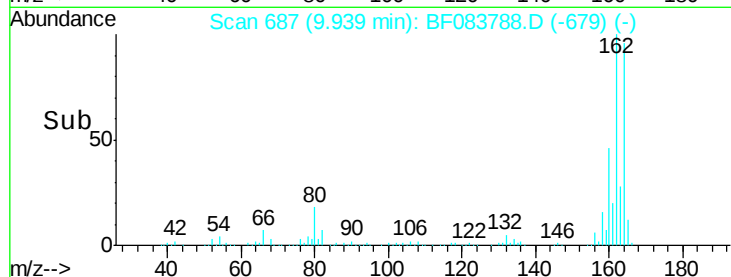
#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.20 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Tgt Ion:165 Resp: 31183
 Ion Ratio Lower Upper
 165 100
 63 2.0 51.4 77.2#
 89 2.2 72.6 108.8#
 182 0.0 1.4 2.0#

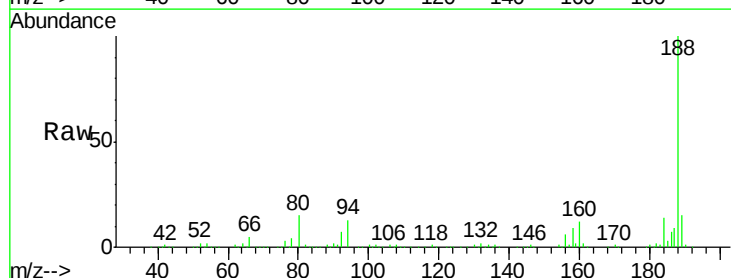


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

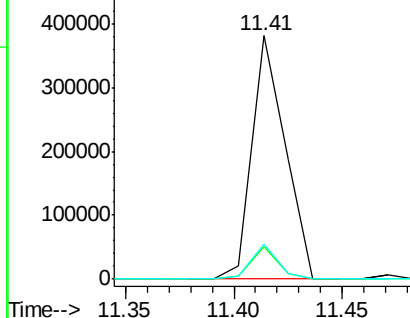
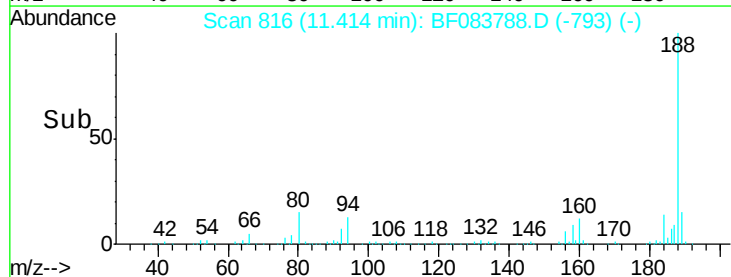


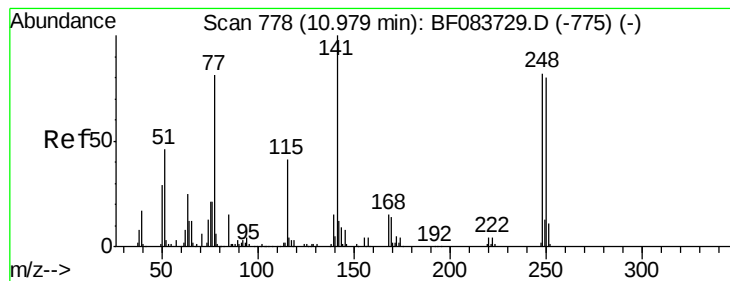
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

Tgt Ion:188 Resp: 405100
 Ion Ratio Lower Upper
 188 100
 94 13.3 9.4 14.2
 80 14.5 10.6 16.0



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





#66

4-Bromophenyl-phenylether

Concen: 5.22 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.26 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Instrument :

BNA_F

ClientSampleId :

W-33

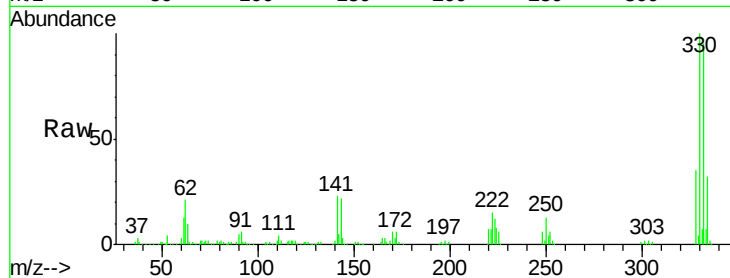
Tgt Ion:248 Resp: 23637

Ion Ratio Lower Upper

248 100

250 193.1 79.2 118.8#

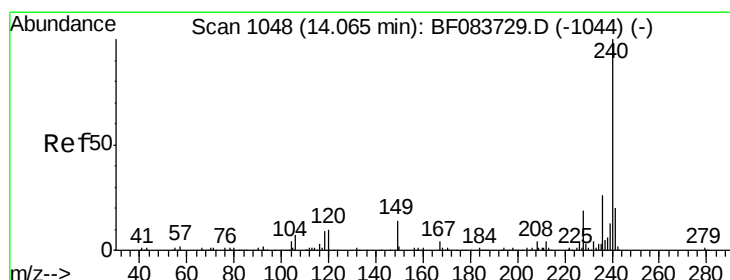
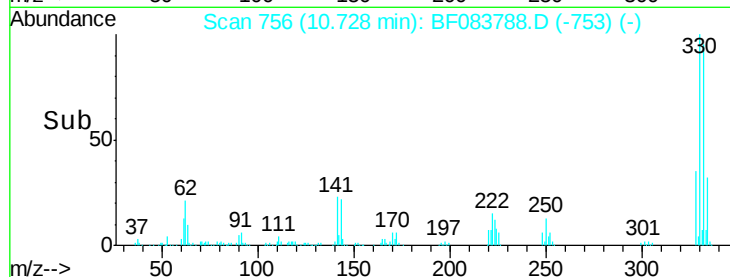
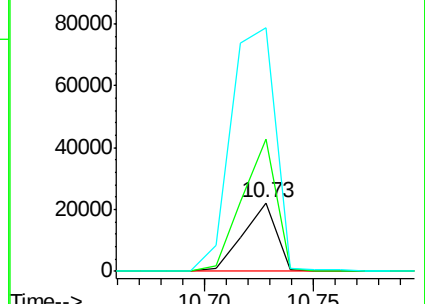
141 354.5 58.2 87.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

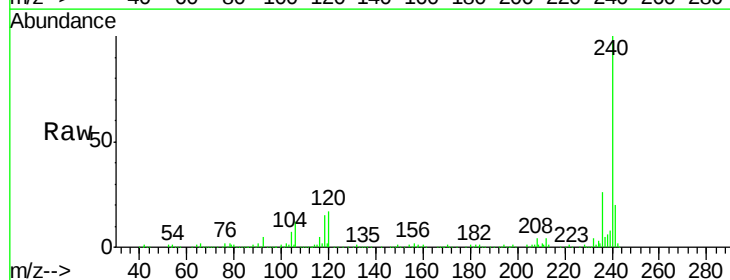
Tgt Ion:240 Resp: 361344

Ion Ratio Lower Upper

240 100

120 17.1 8.1 12.1#

236 25.9 20.8 31.2



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

