

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083561.D
 Acq On : 7 Dec 2015 17:29
 Operator : UM/IZ
 Sample : G4634-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K203-11-13

Quant Time: Dec 08 01:16:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

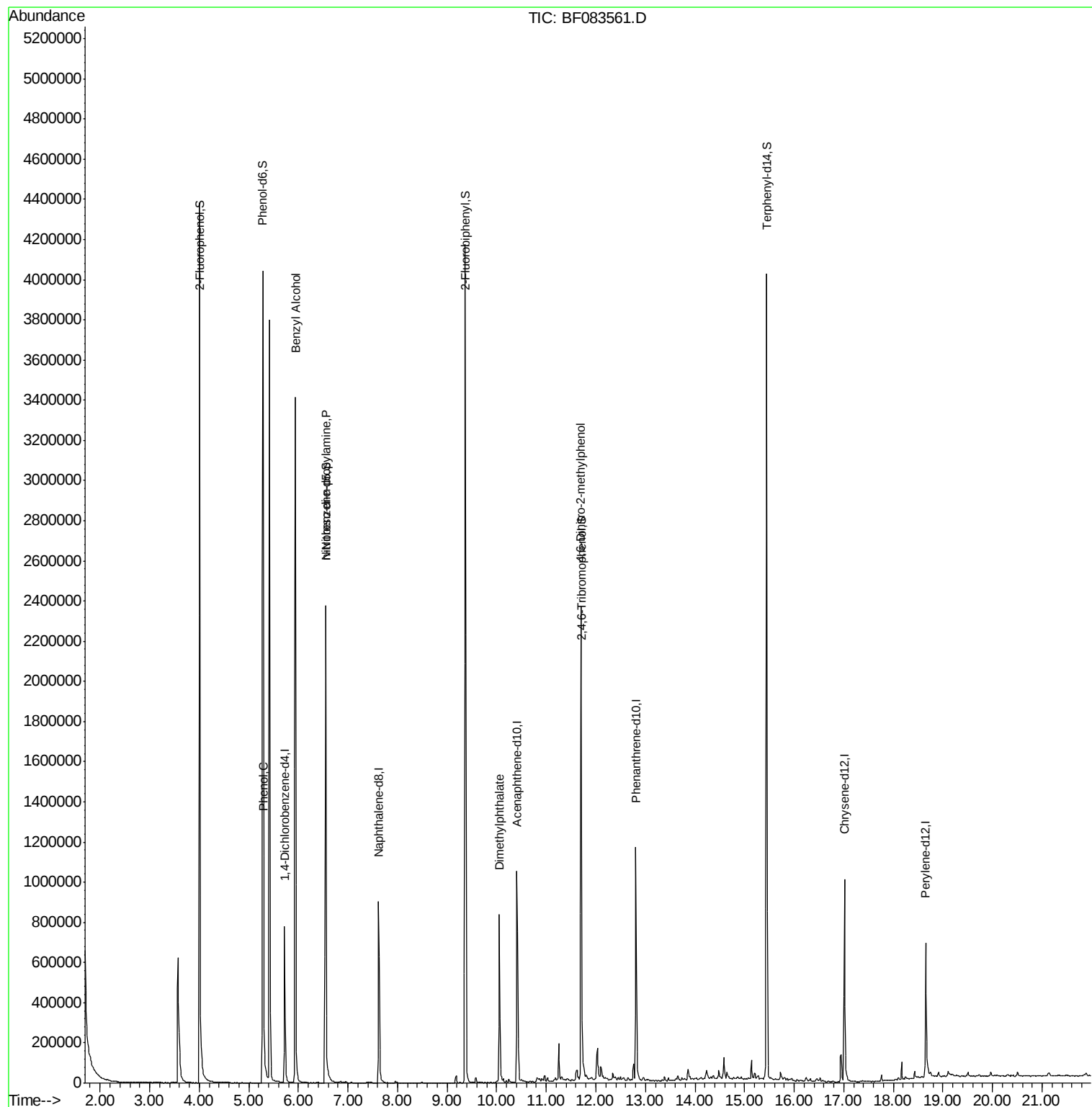
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	156845	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	627615	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	327703	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	609289	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	527863	20.00	ng	-0.03
86) Perylene-d12	18.65	264	401527	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	1593130	154.10	ng	-0.02
7) Phenol-d6	5.29	99	2019924	141.81	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1402762	104.48	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	447342	147.98	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	2126017	88.00	ng	-0.06
78) Terphenyl-d14	15.45	244	1908228	80.44	ng	-0.03
Target Compounds						
10) Phenol	5.30	94	41559	2.50	ng	# 69
15) Benzyl Alcohol	5.94	79	21676	2.19	ng	# 51
19) n-Nitroso-di-n-propylamine	6.56	70	185396	19.51	ng	# 78
49) Dimethylphthalate	10.05	163	471019	18.26	ng	99
64) 4,6-Dinitro-2-methylphenol	11.70	198	1094	3.73	ng	# 1

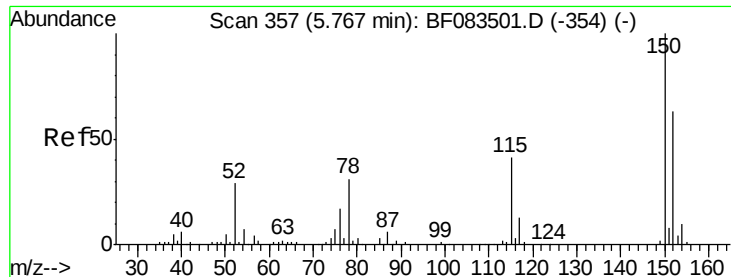
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 08 01:16:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

Instrument :

BNA_F

ClientSampleId :

K203-11-13

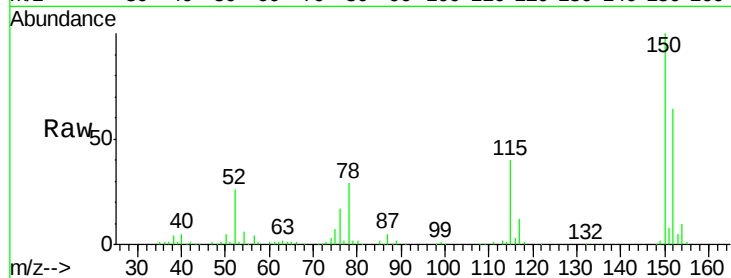
Tgt Ion:152 Resp: 156845

Ion Ratio Lower Upper

152 100

150 157.4 126.5 189.7

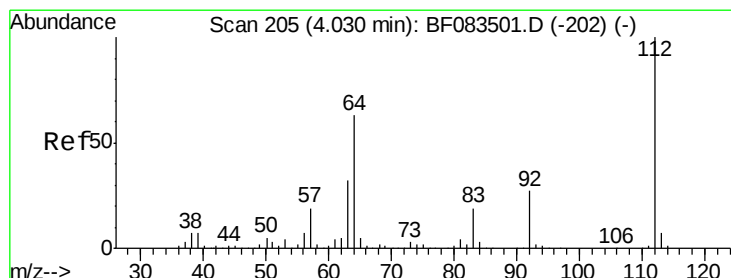
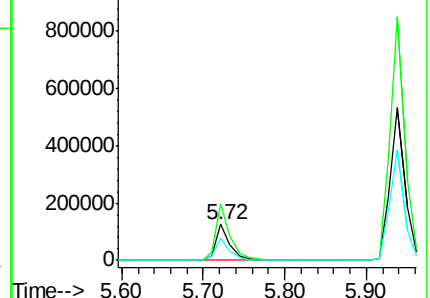
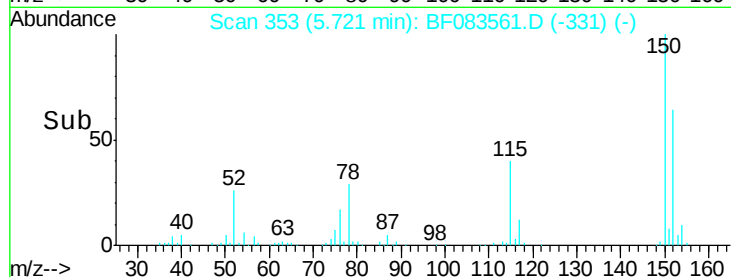
115 63.3 52.3 78.5



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: 154.10 ng

RT: 4.01 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

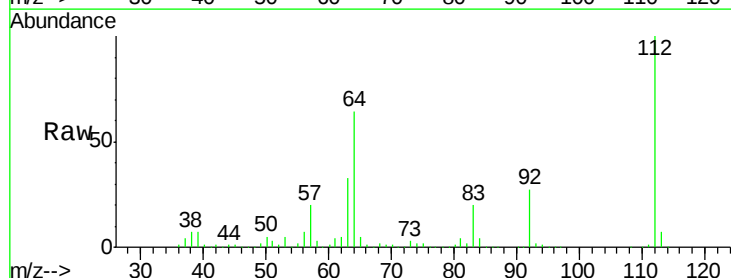
Tgt Ion:112 Resp: 1593130

Ion Ratio Lower Upper

112 100

64 64.4 50.5 75.7

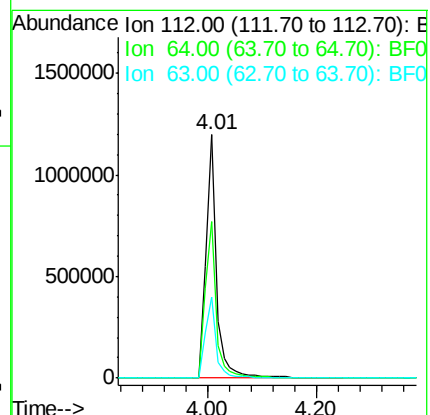
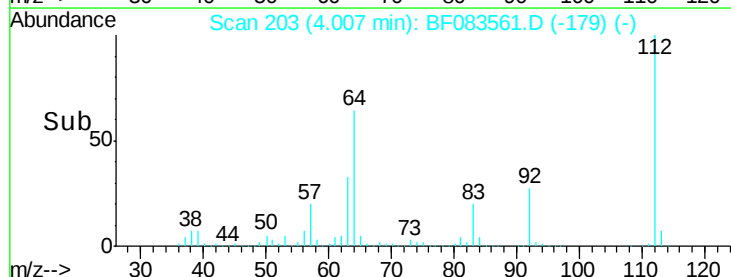
63 33.0 25.8 38.6

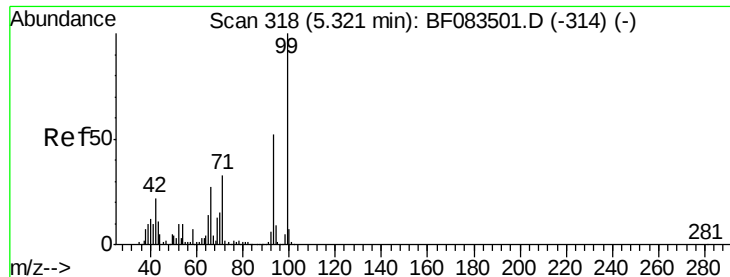


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.81 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

Instrument :

BNA_F

ClientSampleId :

K203-11-13

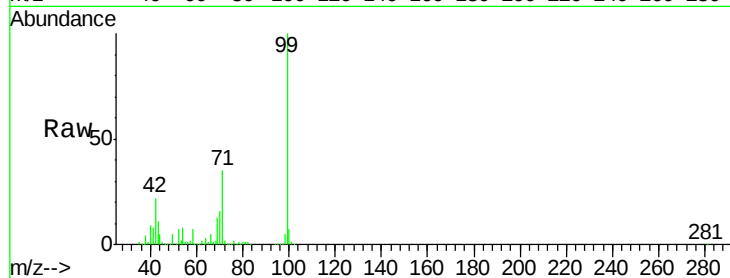
Tgt Ion: 99 Resp: 2019924

Ion Ratio Lower Upper

99 100

42 21.7 17.3 25.9

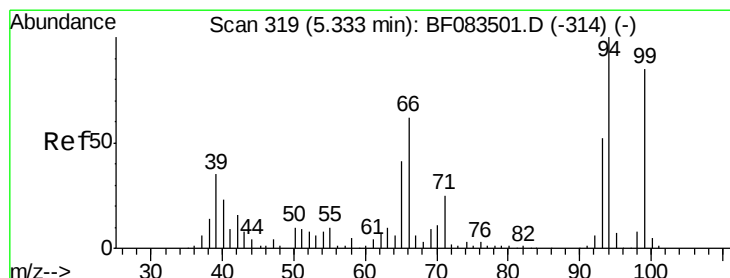
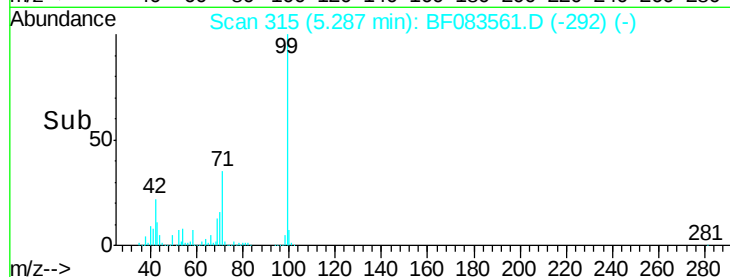
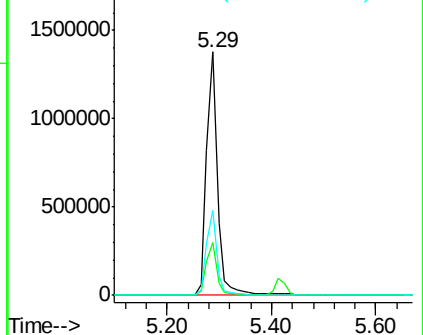
71 34.8 26.6 40.0



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



#10

Phenol

Concen: 2.50 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.03 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

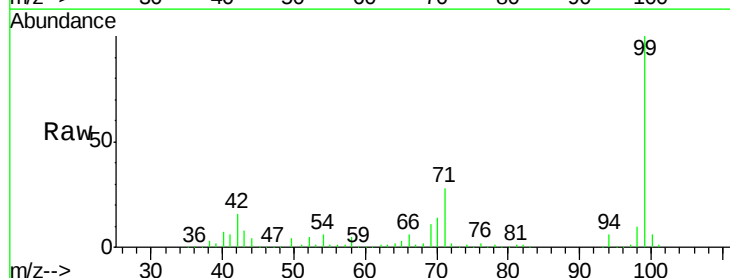
Tgt Ion: 94 Resp: 41559

Ion Ratio Lower Upper

94 100

65 44.6 20.9 60.9

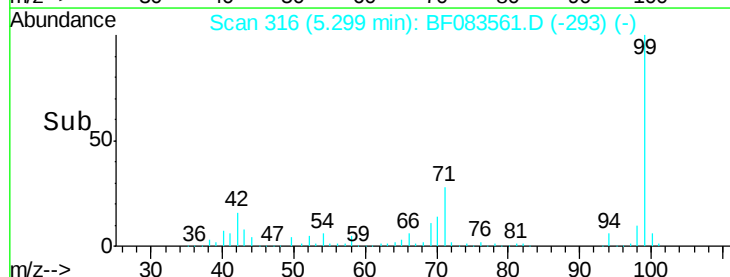
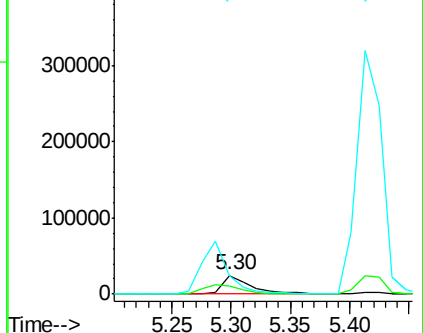
66 98.2 41.6 81.6#

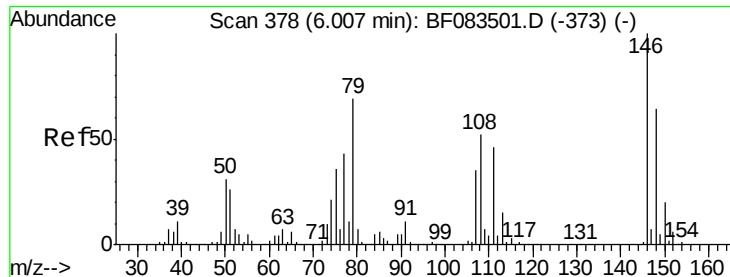


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 5.94 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

Instrument :

BNA_F

ClientSampleId :

K203-11-13

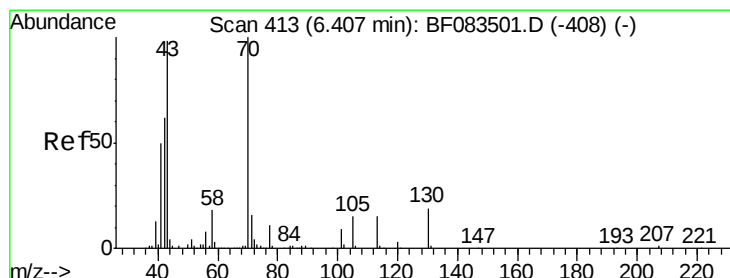
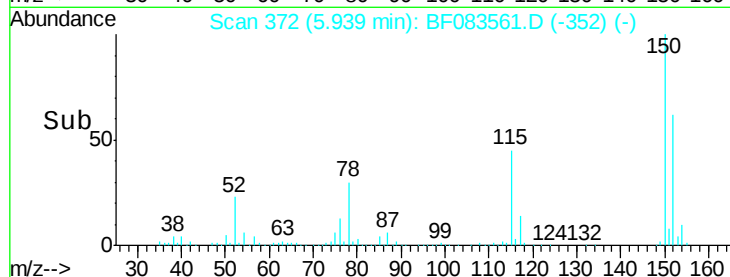
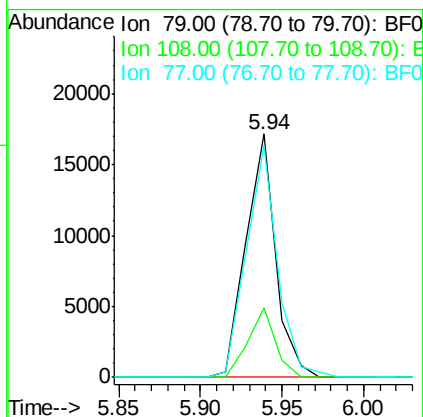
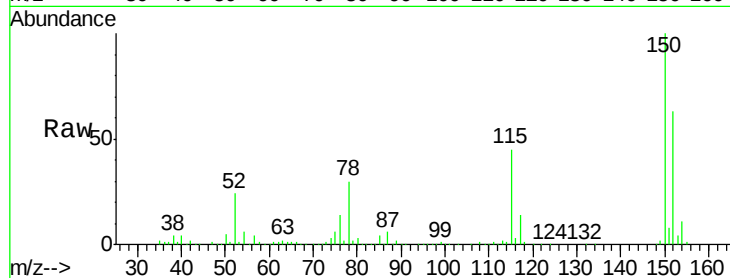
Tgt Ion: 79 Resp: 21676

Ion Ratio Lower Upper

79 100

108 28.8 59.6 89.4#

77 95.6 49.8 74.6#



#19

n-Nitroso-di-n-propylamine

Concen: 19.51 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

Tgt Ion: 70 Resp: 185396

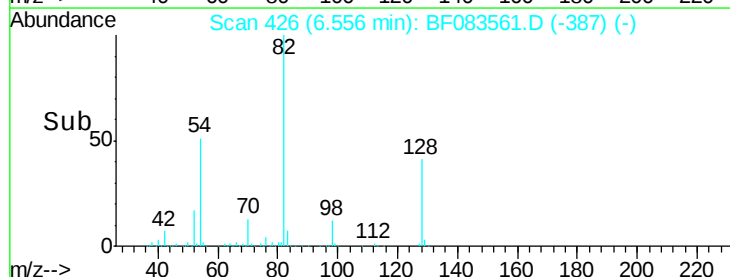
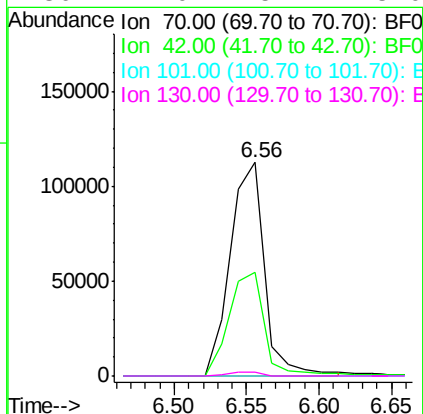
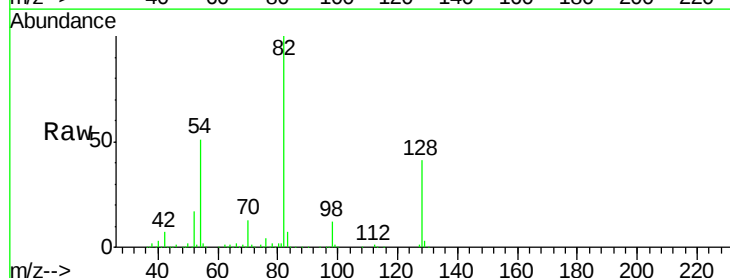
Ion Ratio Lower Upper

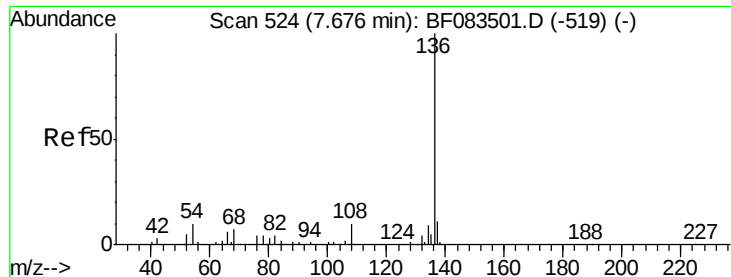
70 100

42 48.7 49.2 73.8#

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#

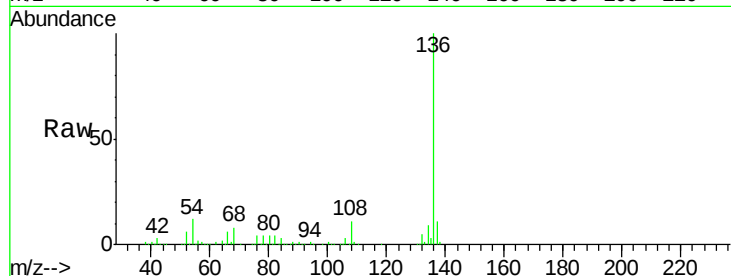




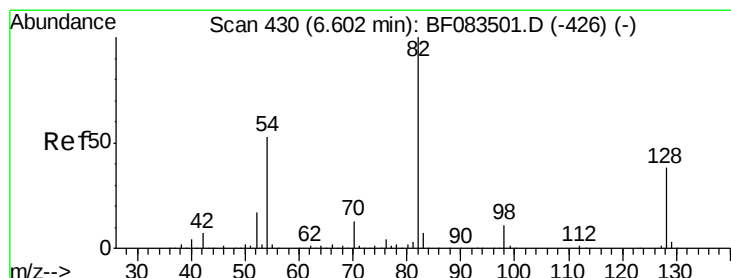
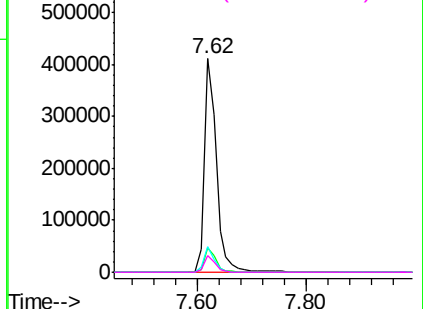
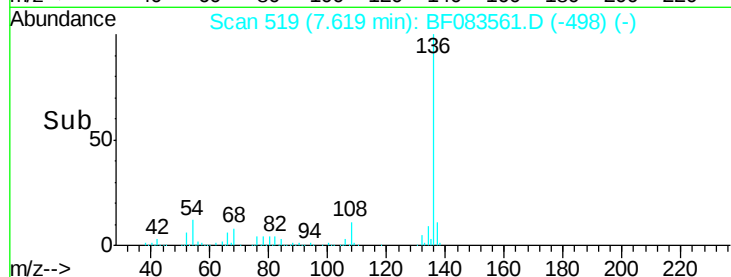
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083561.D
Acq: 7 Dec 2015 17:29

Instrument :
BNA_F
ClientSampleId :
K203-11-13

Tgt Ion:	136	Resp:	627615
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.8	7.8	11.6#
68	7.8	5.7	8.5

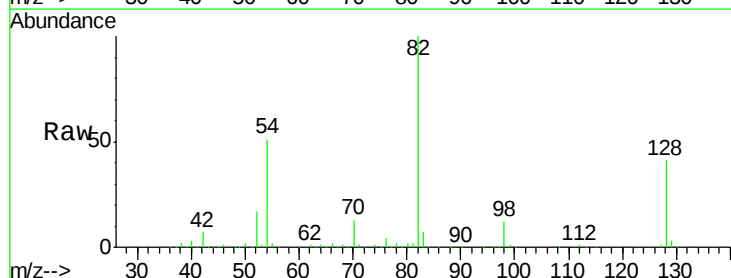


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

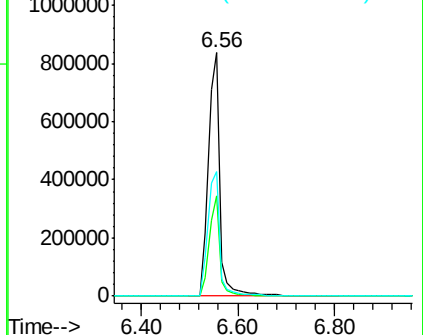
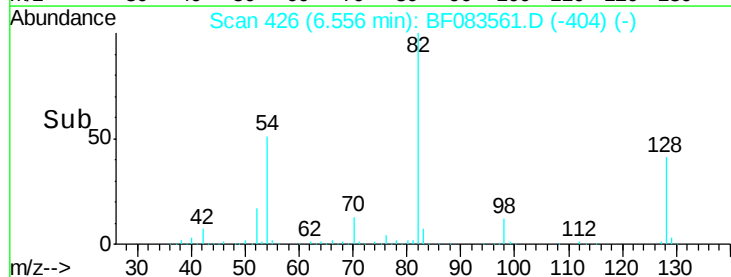


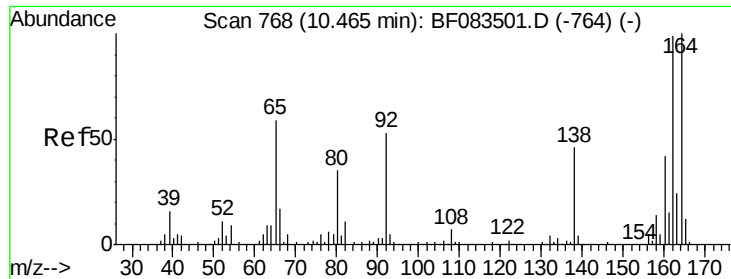
#23
Nitrobenzene-d5
Concen: 104.48 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF083561.D
Acq: 7 Dec 2015 17:29

Tgt Ion:	82	Resp:	1402762
Ion	Ratio	Lower	Upper
82	100		
128	41.2	30.7	46.1
54	51.1	42.5	63.7



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: 10.41 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

Instrument :

BNA_F

ClientSampleId :

K203-11-13

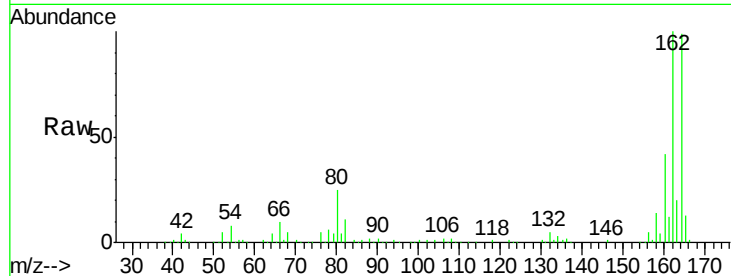
Tgt Ion:164 Resp: 327703

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

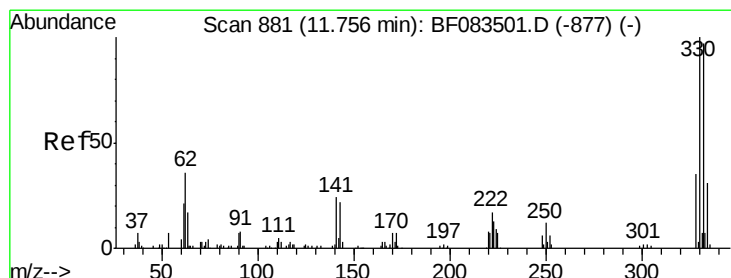
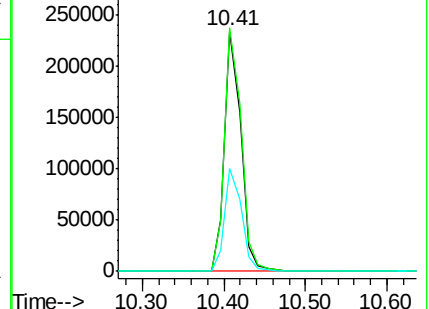
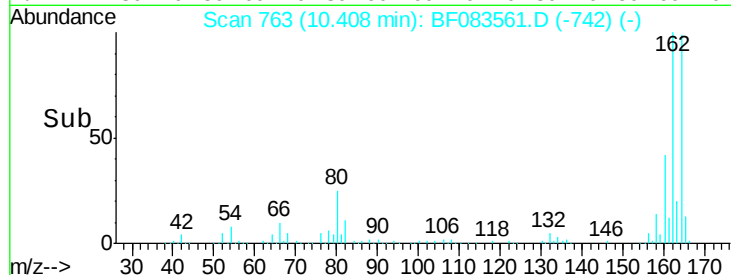
160 43.0 33.4 50.2



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: 147.98 ng

RT: 11.71 min Scan# 877

Delta R.T. -0.05 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

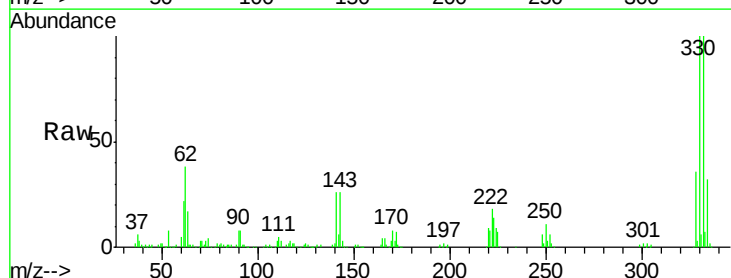
Tgt Ion:330 Resp: 447342

Ion Ratio Lower Upper

330 100

332 98.3 0.0 0.0#

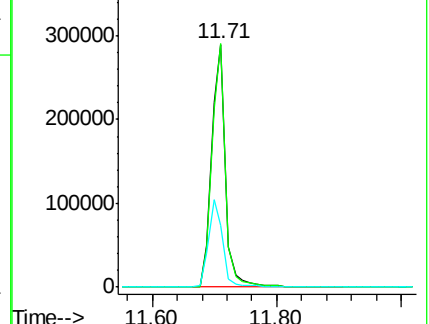
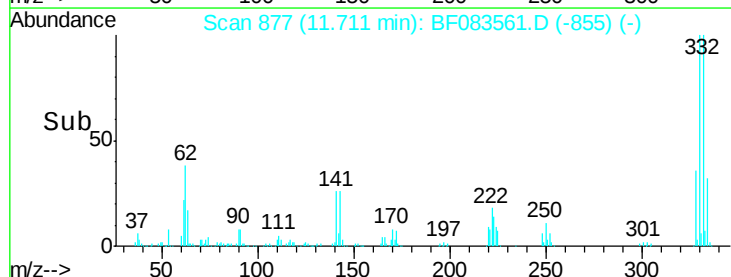
141 37.6 0.0 0.0#

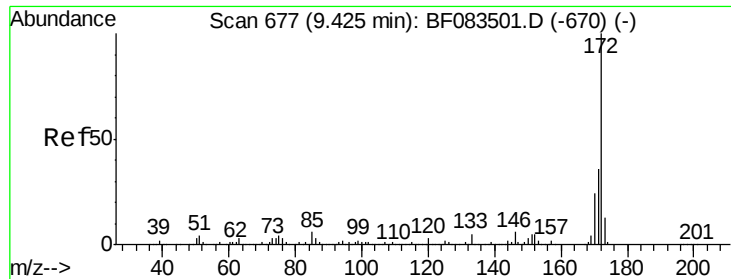


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 88.00 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

Instrument :

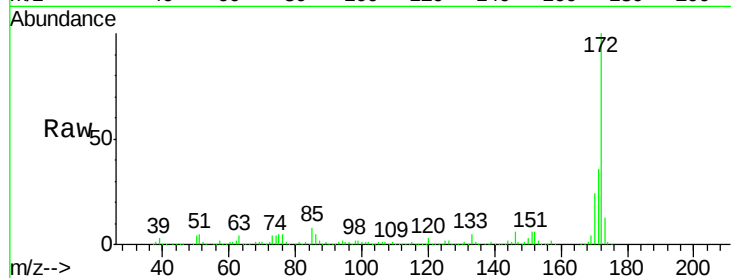
BNA_F

ClientSampleId :

K203-11-13

Tgt Ion:172 Resp: 2126017

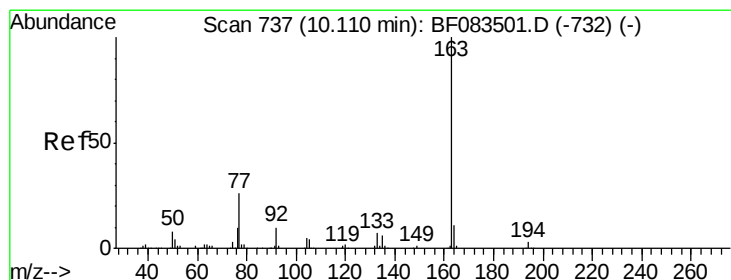
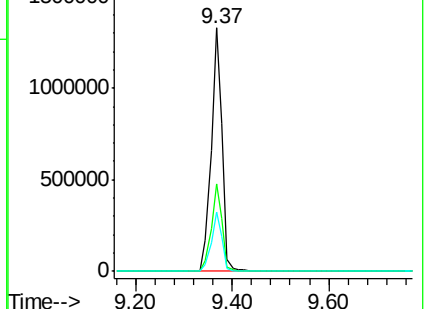
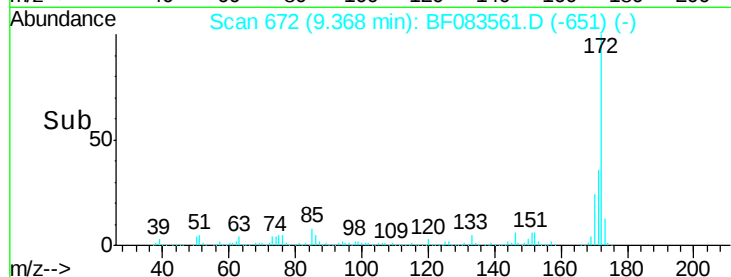
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.4	19.4	29.0



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



#49

Dimethylphthalate

Concen: 18.26 ng

RT: 10.05 min Scan# 732

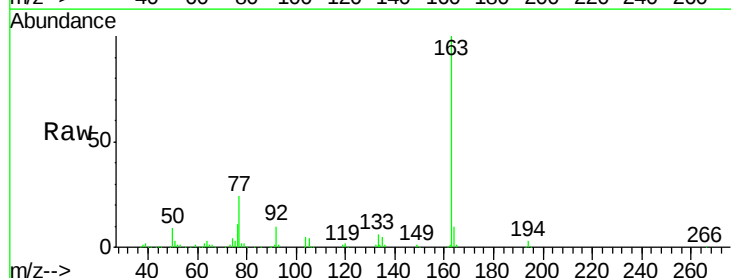
Delta R.T. -0.06 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

Tgt Ion:163 Resp: 471019

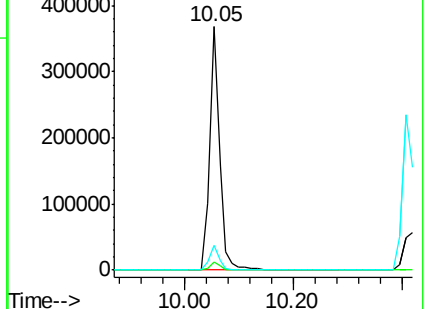
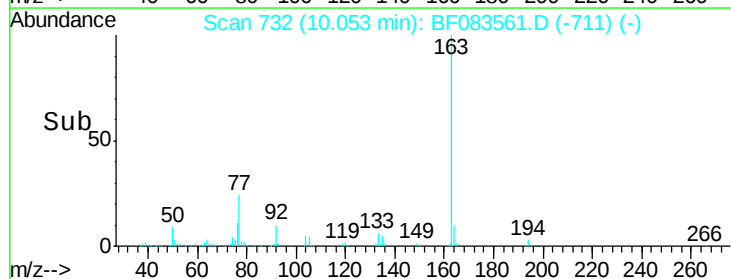
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.2	8.6	13.0

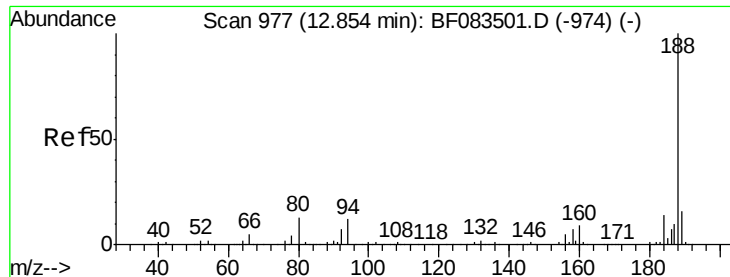


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

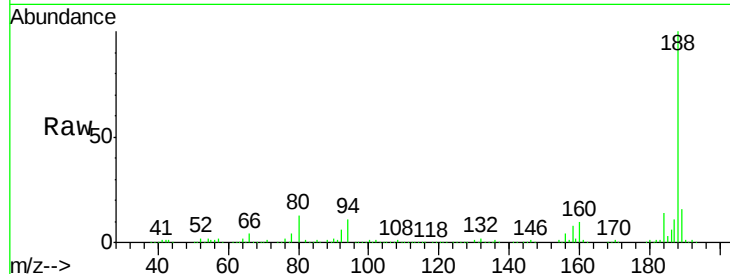




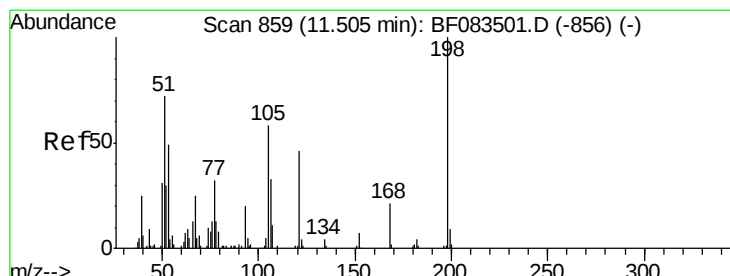
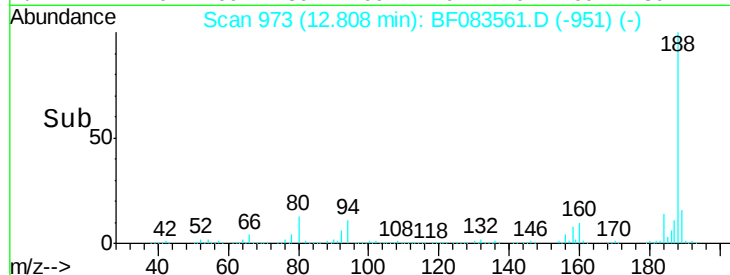
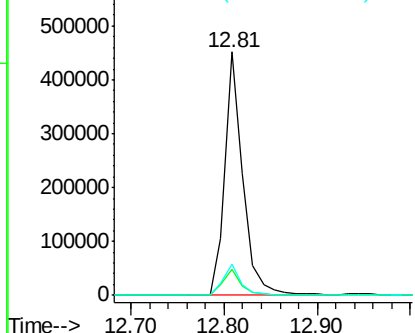
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 973
 Delta R.T. -0.05 min
 Lab File: BF083561.D
 Acq: 7 Dec 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 K203-11-13

Tgt Ion:188 Resp: 609289
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 12.5 10.6 16.0

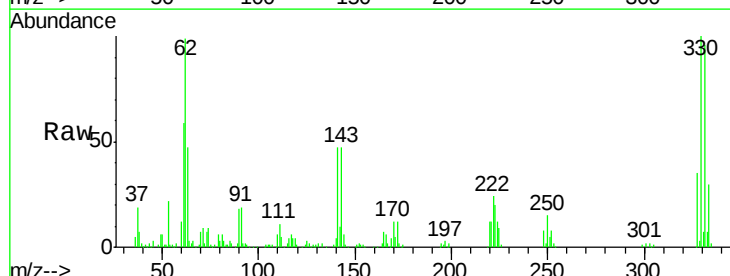


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

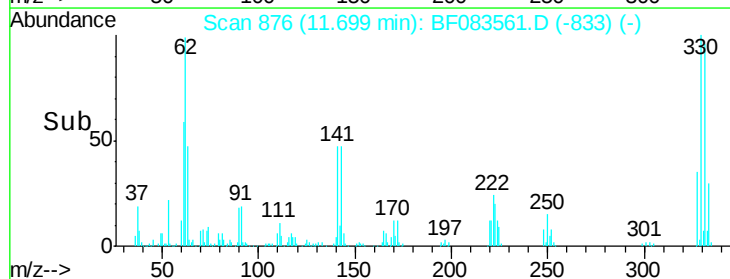
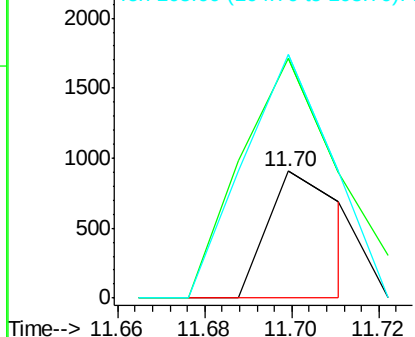


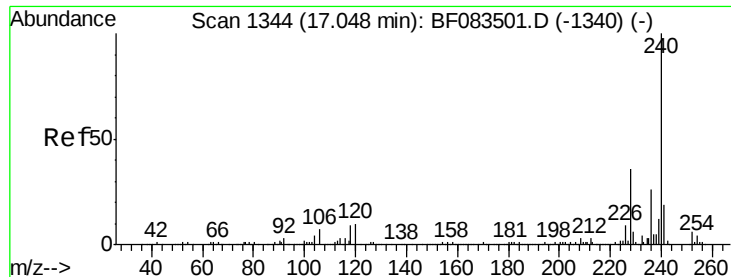
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.73 ng
 RT: 11.70 min Scan# 876
 Delta R.T. 0.20 min
 Lab File: BF083561.D
 Acq: 7 Dec 2015 17:29

Tgt Ion:198 Resp: 1094
 Ion Ratio Lower Upper
 198 100
 51 188.9 53.8 93.8#
 105 191.7 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

Instrument :

BNA_F

ClientSampleId :

K203-11-13

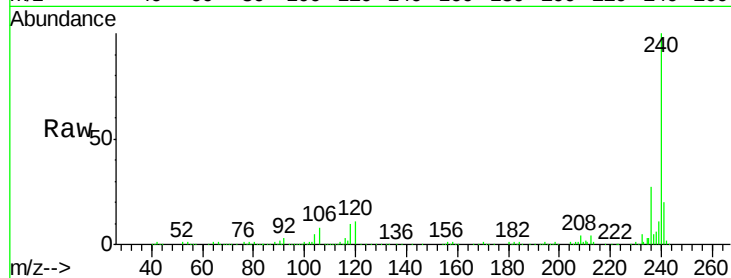
Tgt Ion:240 Resp: 527863

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

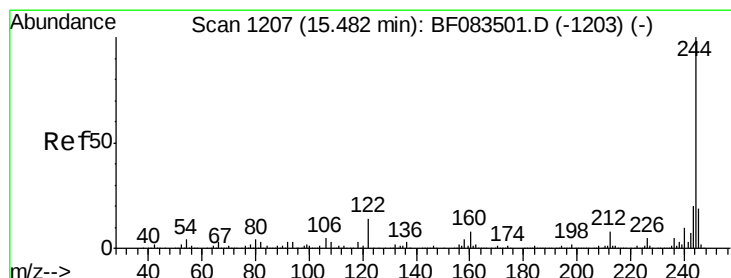
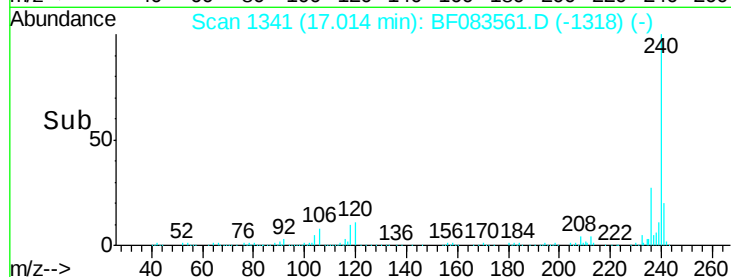
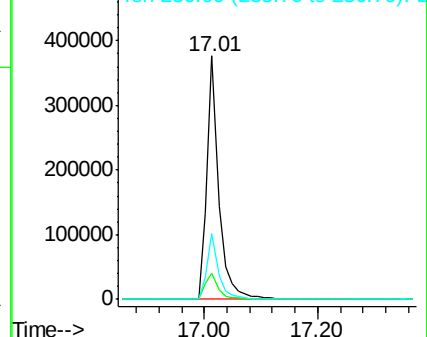
236 26.8 20.8 31.2



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



#78

Terphenyl-d14

Concen: 80.44 ng

RT: 15.45 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF083561.D

Acq: 7 Dec 2015 17:29

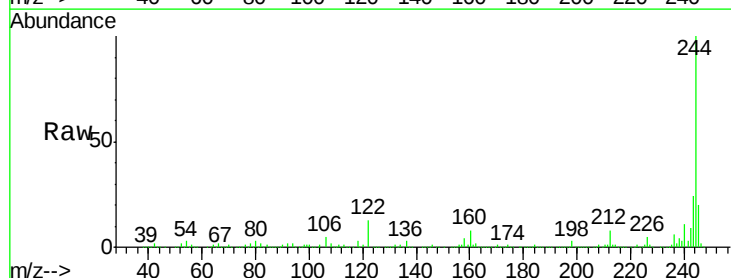
Tgt Ion:244 Resp: 1908228

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

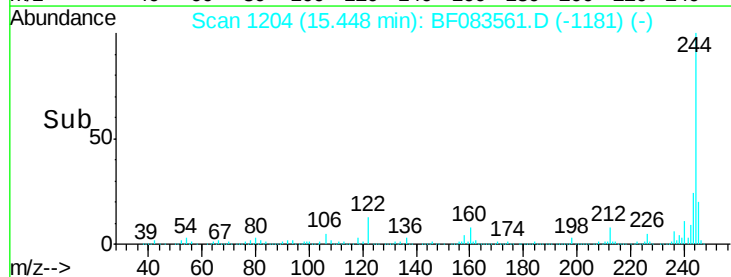
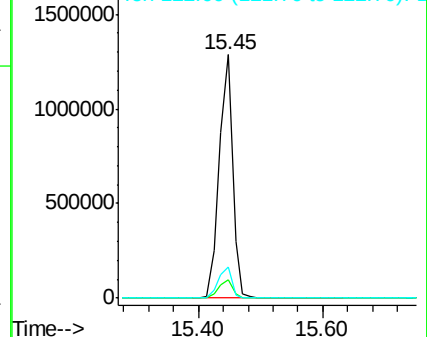
122 12.5 11.0 16.6

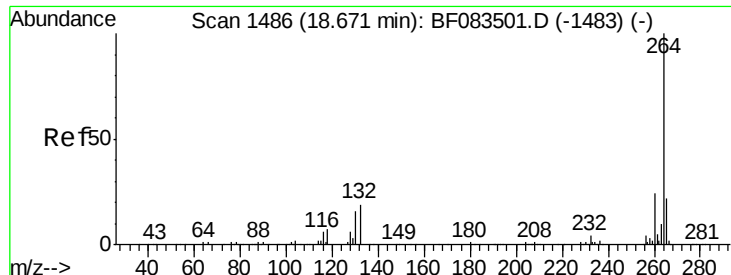


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

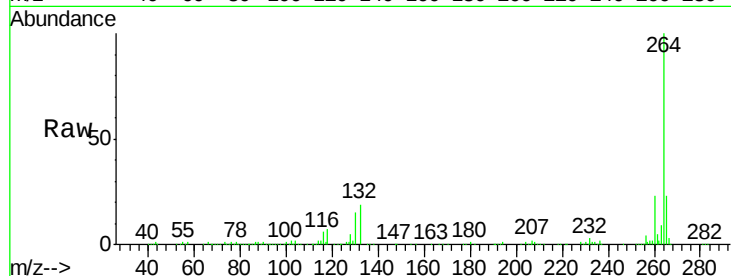




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083561.D
Acq: 7 Dec 2015 17:29

Instrument :
BNA_F
ClientSampleId :
K203-11-13

Tgt Ion:	264	Resp:	401527
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	22.6	17.8	26.6



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

