

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083562.D
 Acq On : 7 Dec 2015 17:59
 Operator : UM/IZ
 Sample : G4634-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K203-20-21

Quant Time: Dec 08 01:16:34 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

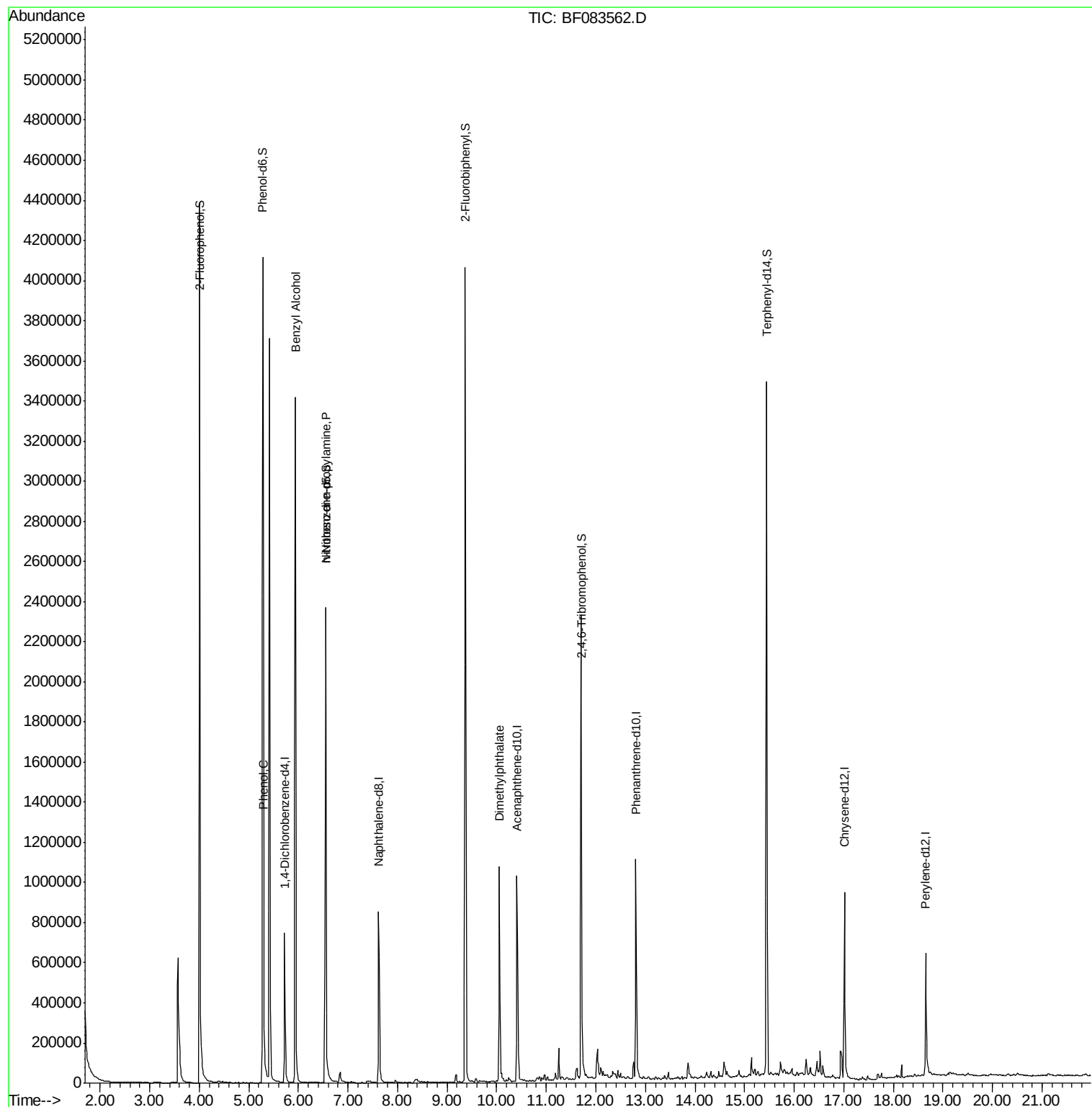
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	152476	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	595437	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	304050	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	574140	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	480904	20.00	ng	-0.03
86) Perylene-d12	18.65	264	365281	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	1568038	156.02	ng	-0.02
7) Phenol-d6	5.29	99	2019644	145.85	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1380680	108.39	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	431233	153.75	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	2012938	89.80	ng	-0.06
78) Terphenyl-d14	15.45	244	1776498	82.20	ng	-0.03
Target Compounds						
10) Phenol	5.30	94	36623	2.26	ng	# 56
15) Benzyl Alcohol	5.94	79	22878	2.38	ng	# 51
19) n-Nitroso-di-n-propylamine	6.56	70	178824	19.36	ng	# 77
49) Dimethylphthalate	10.05	163	582665	24.35	ng	99

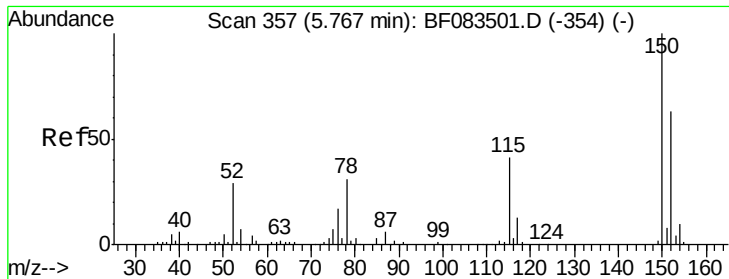
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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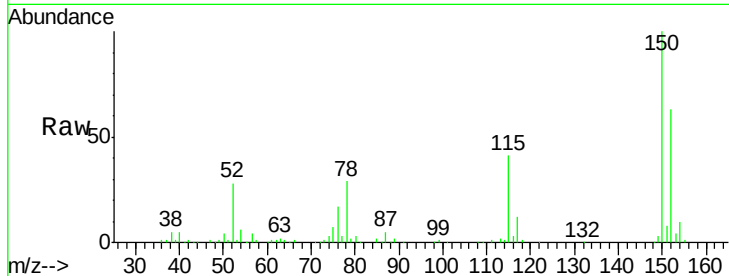


#1

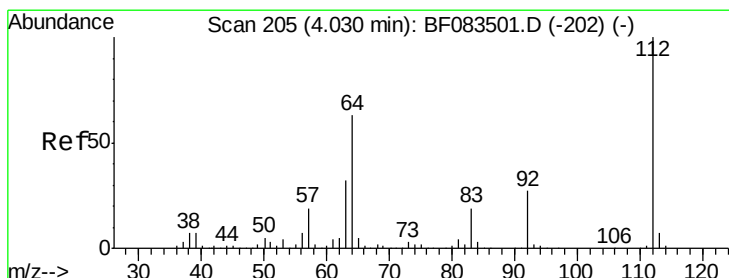
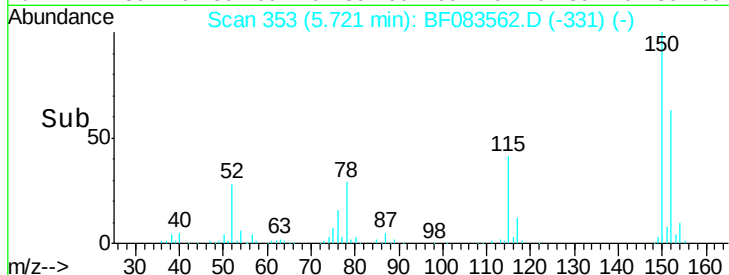
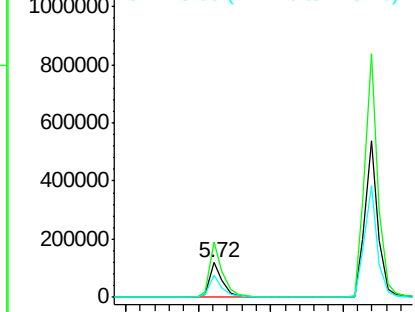
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083562.D
Acq: 7 Dec 2015 17:59

Instrument :
BNA_F
ClientSampled :
K203-20-21

Tgt Ion:152 Resp: 152476
Ion Ratio Lower Upper
152 100
150 158.6 126.5 189.7
115 64.3 52.3 78.5



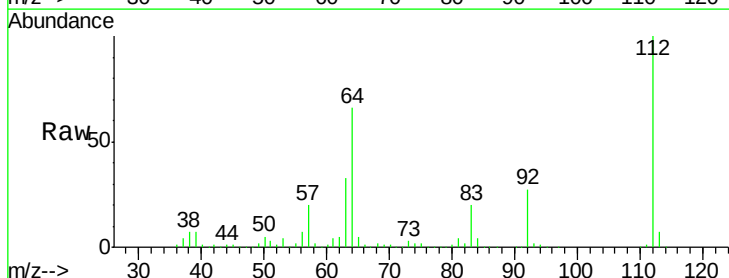
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



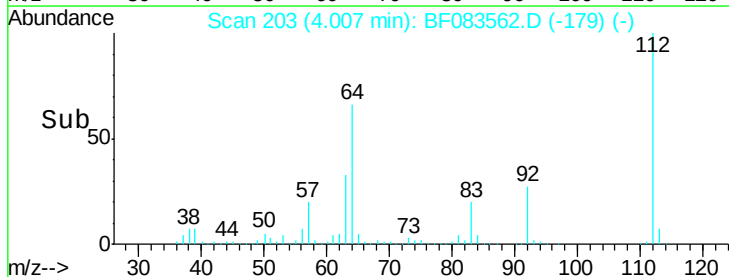
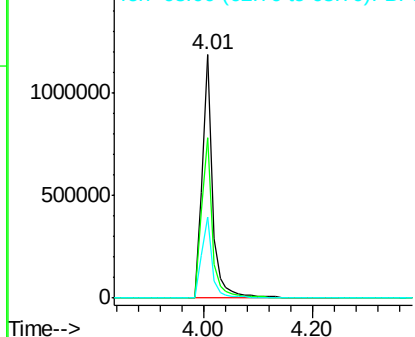
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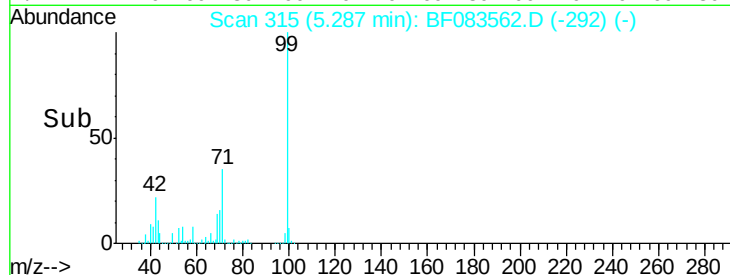
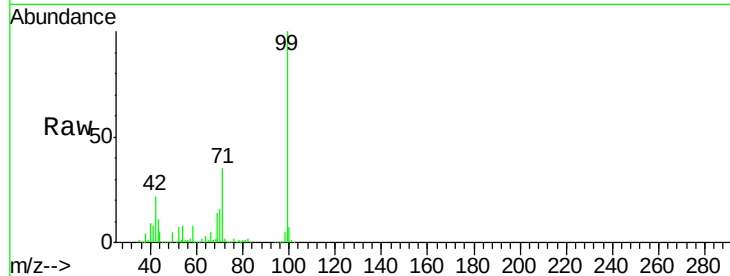
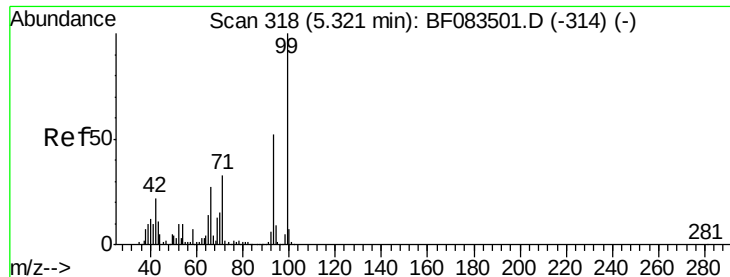
2-Fluorophenol
Concen: 156.02 ng
RT: 4.01 min Scan# 203
Delta R.T. -0.02 min
Lab File: BF083562.D
Acq: 7 Dec 2015 17:59

Tgt Ion:112 Resp: 1568038
Ion Ratio Lower Upper
112 100
64 65.8 50.5 75.7
63 33.3 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: 145.85 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083562.D

Acq: 7 Dec 2015 17:59

Instrument :

BNA_F

ClientSampleId :

K203-20-21

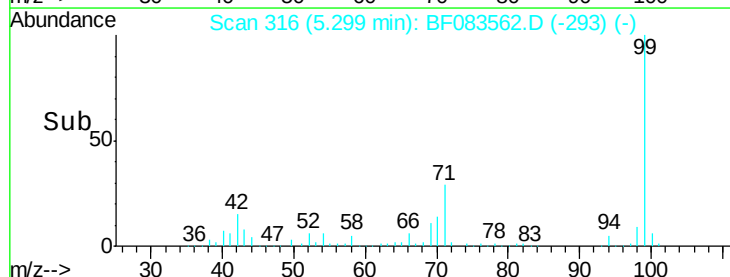
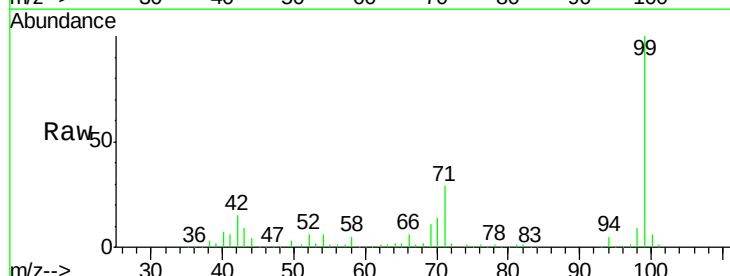
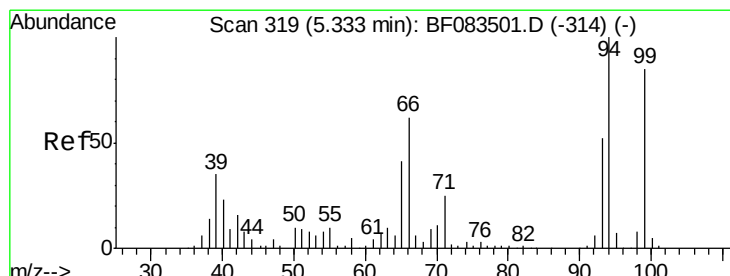
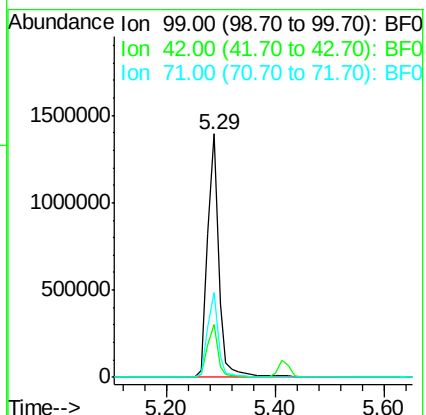
Tgt Ion: 99 Resp: 2019644

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

71 35.1 26.6 40.0



#10

Phenol

Concen: 2.26 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.03 min

Lab File: BF083562.D

Acq: 7 Dec 2015 17:59

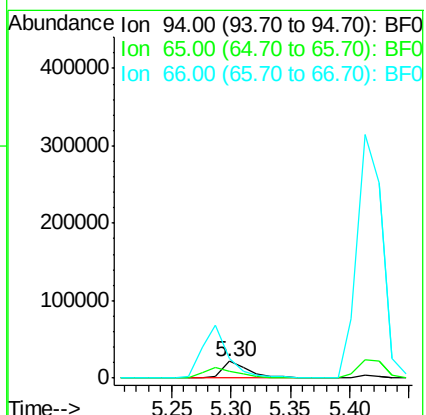
Tgt Ion: 94 Resp: 36623

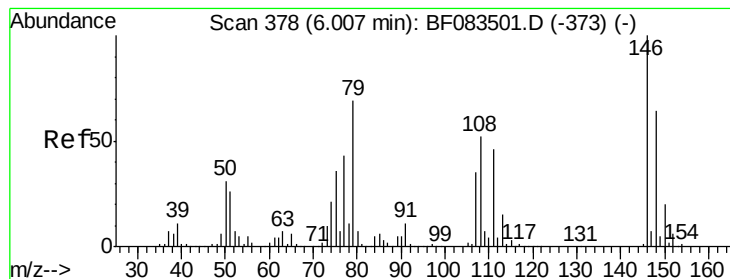
Ion Ratio Lower Upper

94 100

65 41.7 20.9 60.9

66 116.7 41.6 81.6#





#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 5.94 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF083562.D

Acq: 7 Dec 2015 17:59

Instrument :

BNA_F

ClientSampleId :

K203-20-21

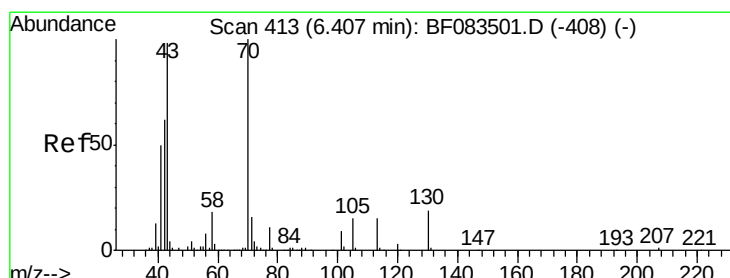
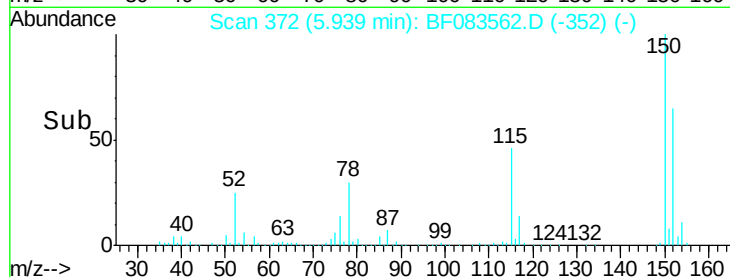
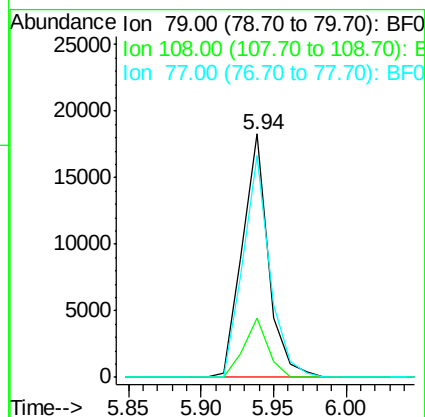
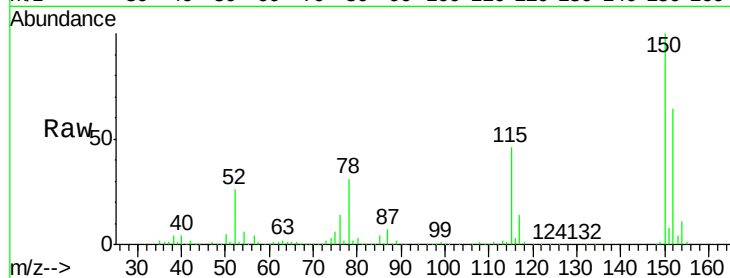
Tgt Ion: 79 Resp: 22878

Ion Ratio Lower Upper

79 100

108 24.4 59.6 89.4#

77 91.0 49.8 74.6#



#19

n-Nitroso-di-n-propylamine

Concen: 19.36 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083562.D

Acq: 7 Dec 2015 17:59

Tgt Ion: 70 Resp: 178824

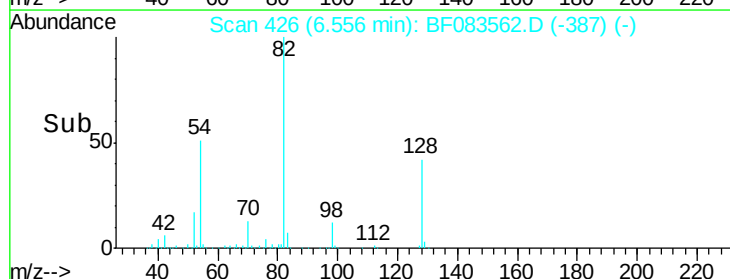
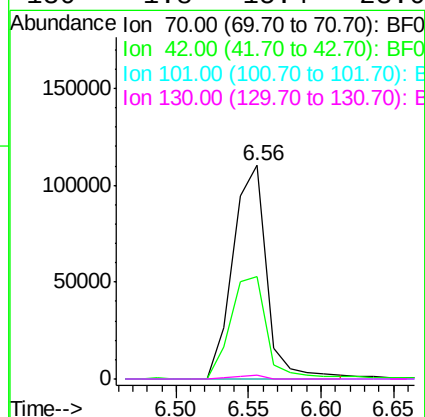
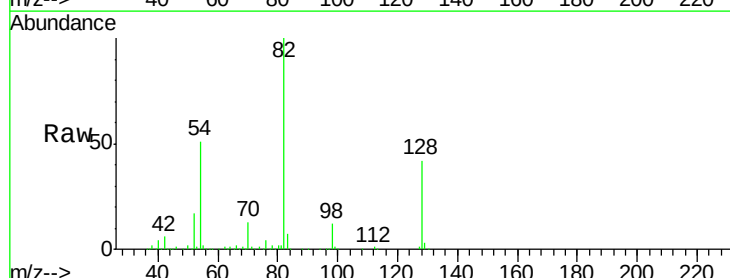
Ion Ratio Lower Upper

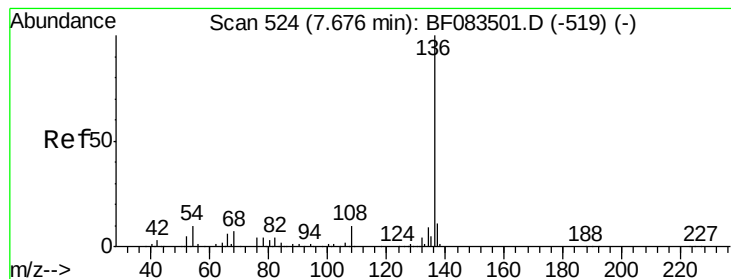
70 100

42 48.0 49.2 73.8#

101 0.0 7.1 10.7#

130 1.8 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: BF083562.D

Acq: 7 Dec 2015 17:59

Instrument :

BNA_F

ClientSampleId :

K203-20-21

Tgt Ion: 136 Resp: 595437

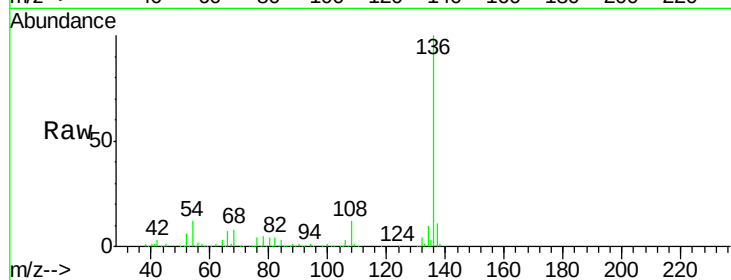
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.6 7.8 11.6

68 7.9 5.7 8.5

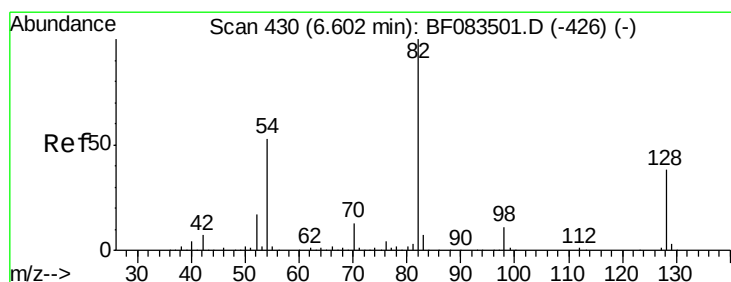
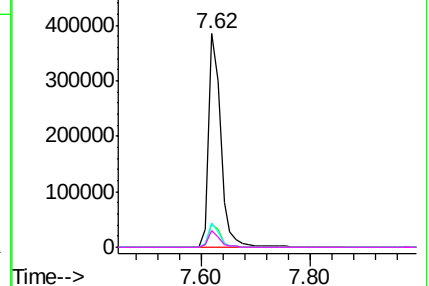
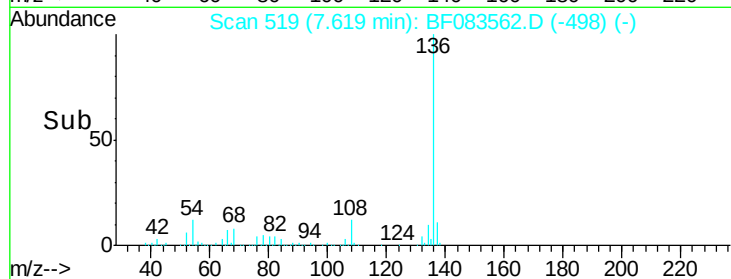


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.39 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF083562.D

Acq: 7 Dec 2015 17:59

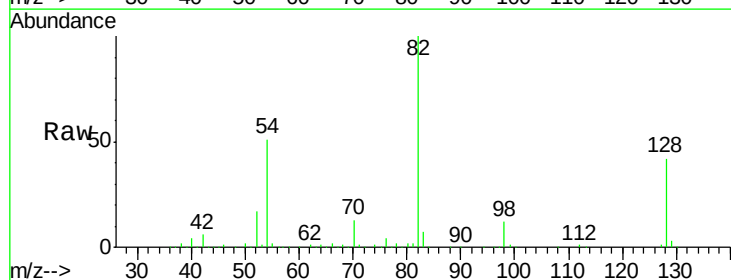
Tgt Ion: 82 Resp: 1380680

Ion Ratio Lower Upper

82 100

128 41.6 30.7 46.1

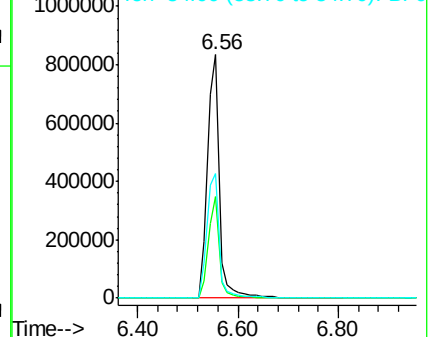
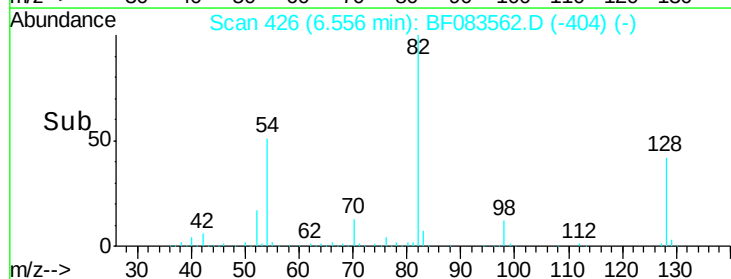
54 51.2 42.5 63.7

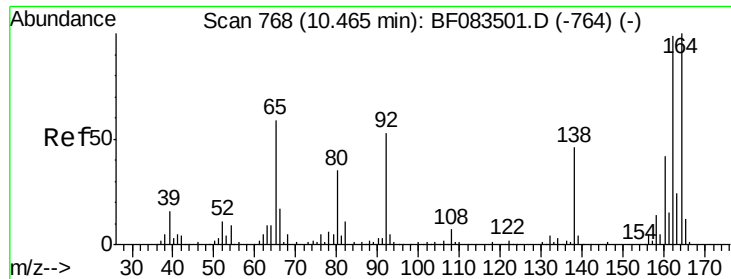


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

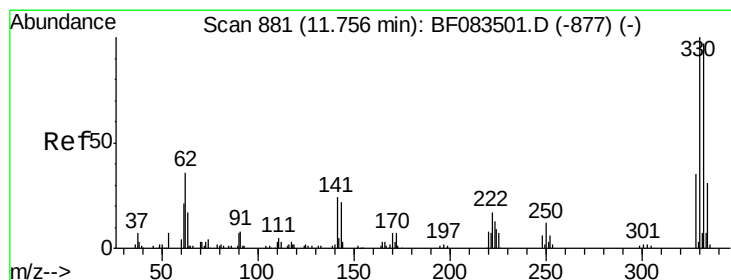
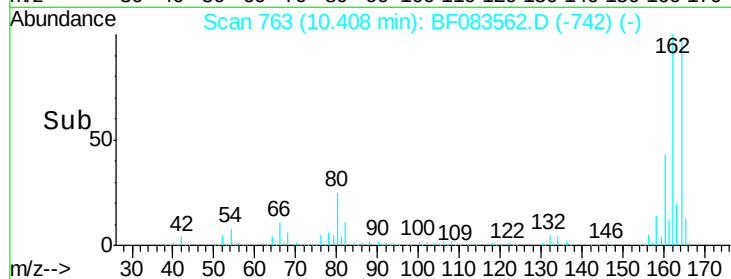
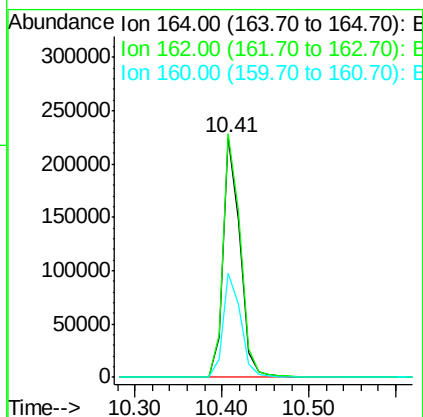
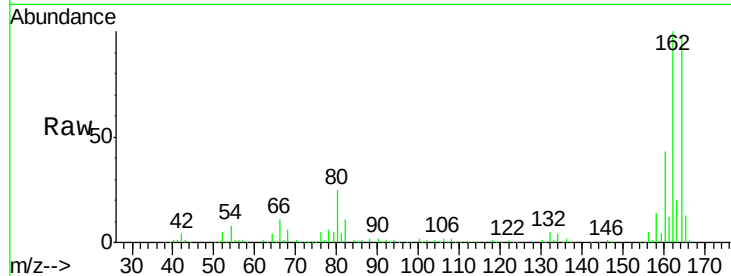




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083562.D
 Acq: 7 Dec 2015 17:59

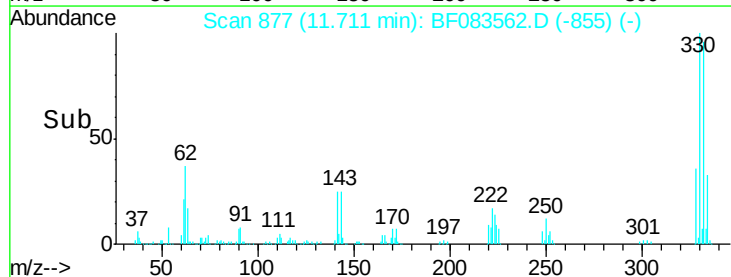
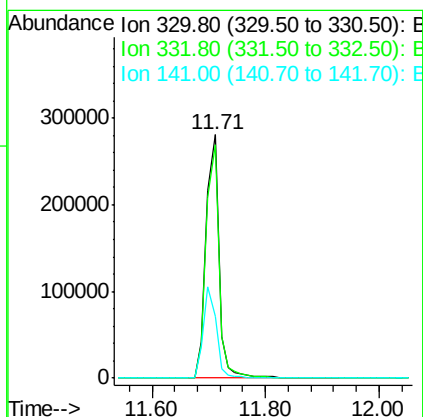
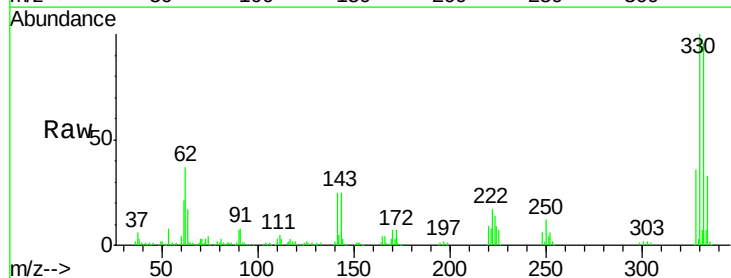
Instrument :
 BNA_F
 ClientSampleId :
 K203-20-21

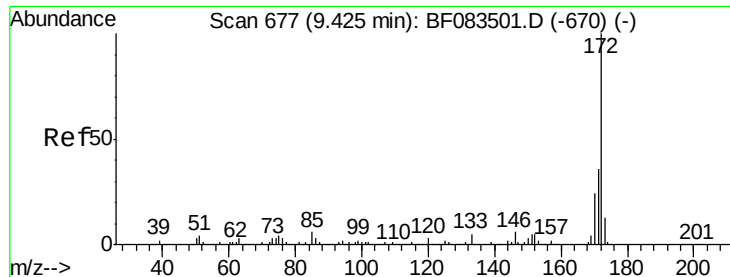
Tgt Ion:164 Resp: 304050
 Ion Ratio Lower Upper
 164 100
 162 101.7 78.8 118.2
 160 43.7 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 153.75 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083562.D
 Acq: 7 Dec 2015 17:59

Tgt Ion:330 Resp: 431233
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 38.1 0.0 0.0#

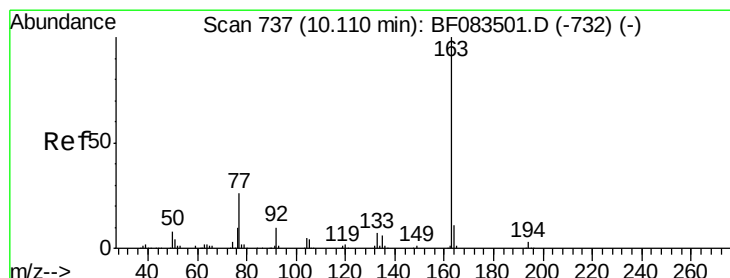
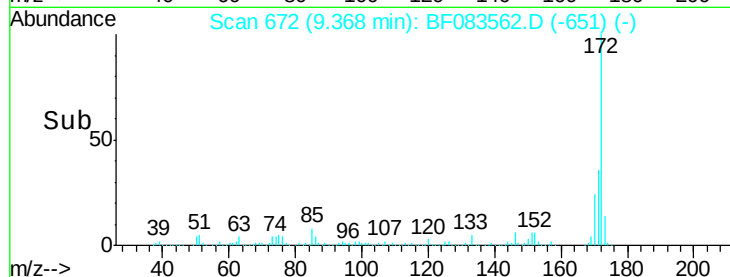
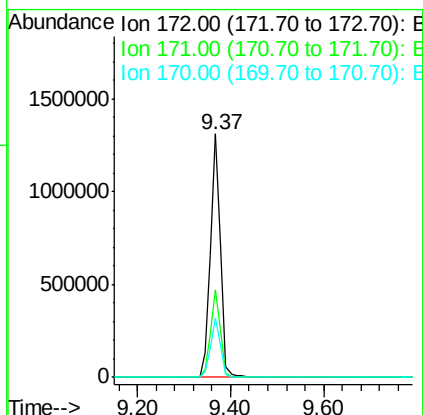
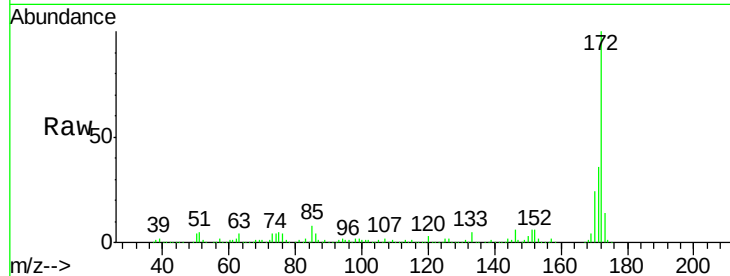




#44
2-Fluorobiphenyl
Concen: 89.80 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF083562.D
Acq: 7 Dec 2015 17:59

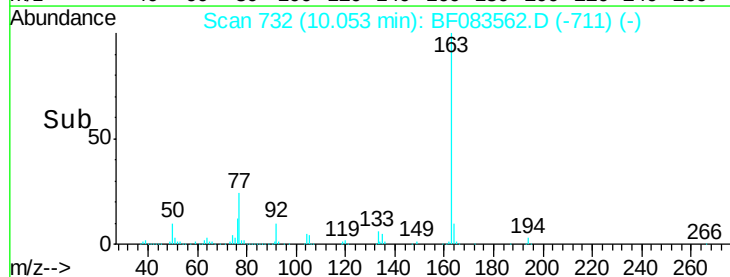
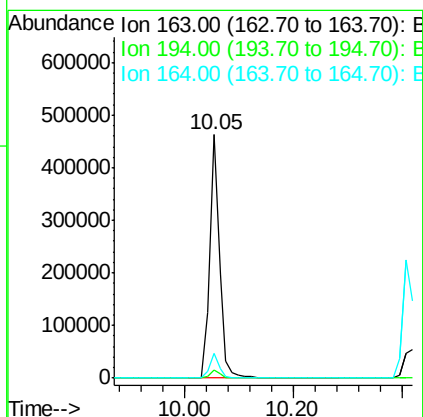
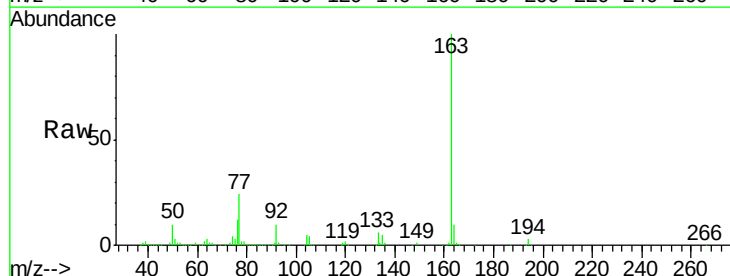
Instrument :
BNA_F
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K203-20-21

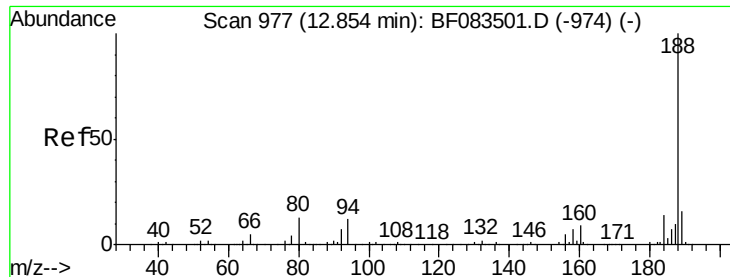
Tgt Ion:172 Resp: 2012938
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.1 19.4 29.0



#49
Dimethylphthalate
Concen: 24.35 ng
RT: 10.05 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF083562.D
Acq: 7 Dec 2015 17:59

Tgt Ion:163 Resp: 582665
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.2 8.6 13.0

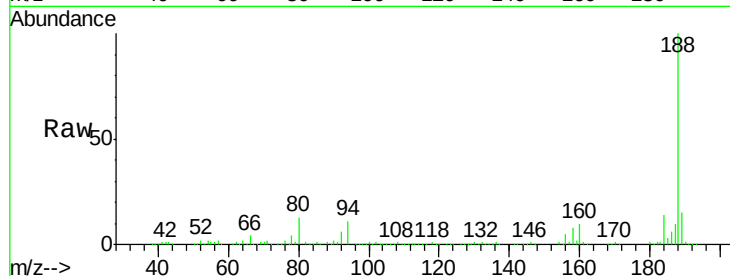




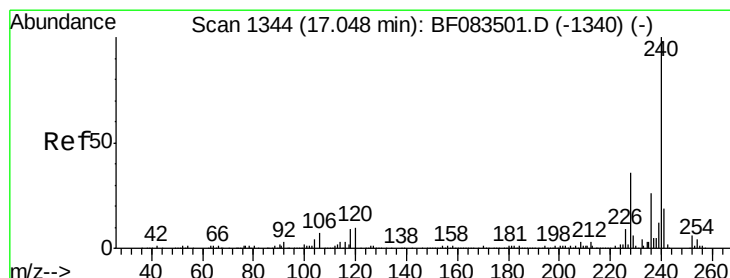
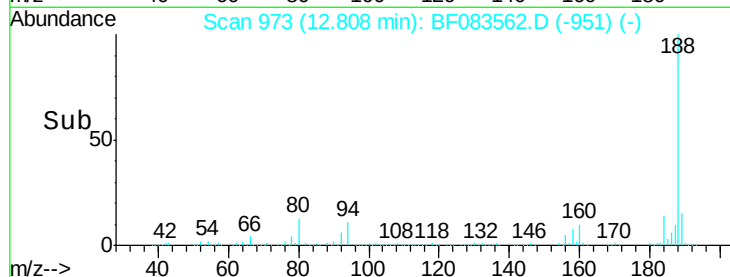
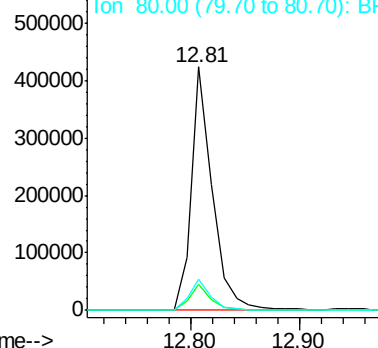
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083562.D
Acq: 7 Dec 2015 17:59

Instrument :
BNA_F
ClientSampled :
K203-20-21

Tgt Ion:188 Resp: 574140
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 12.7 10.6 16.0

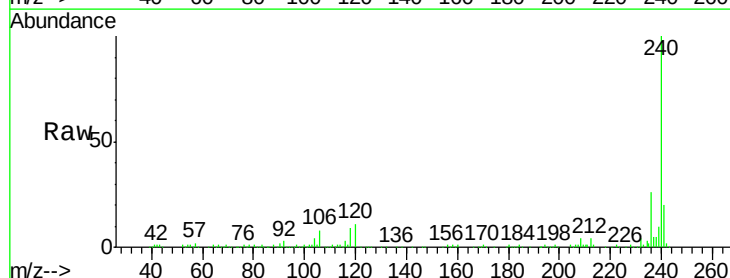


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

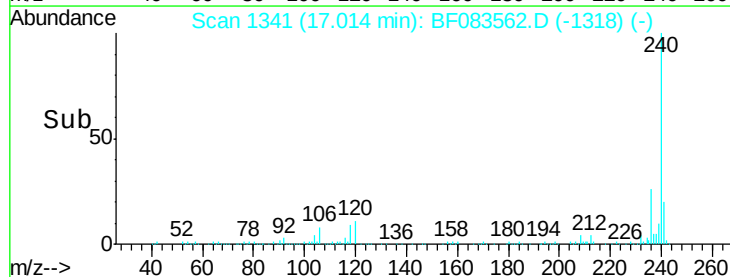
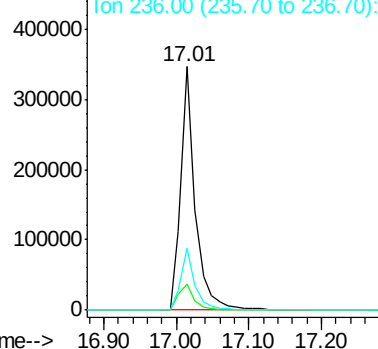


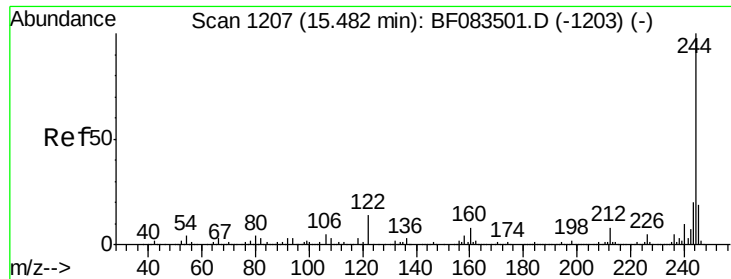
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083562.D
Acq: 7 Dec 2015 17:59

Tgt Ion:240 Resp: 480904
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 25.5 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

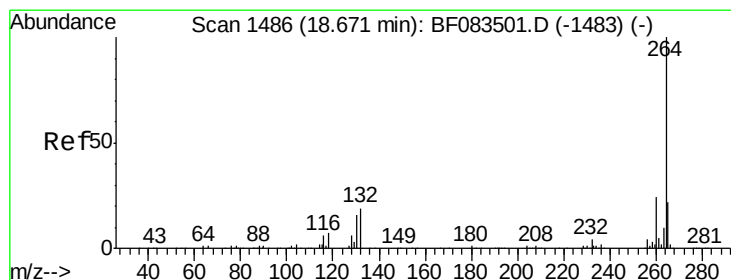
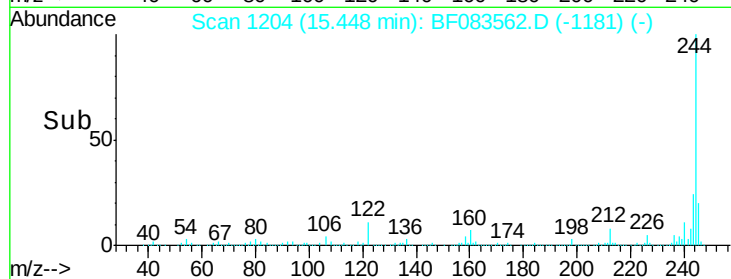
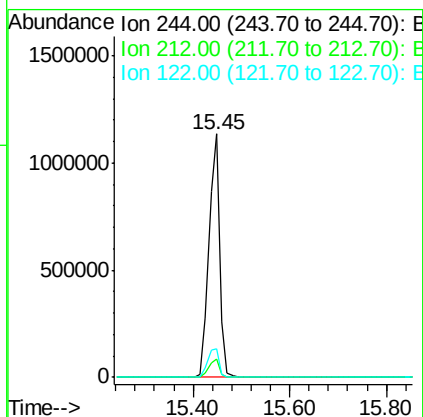
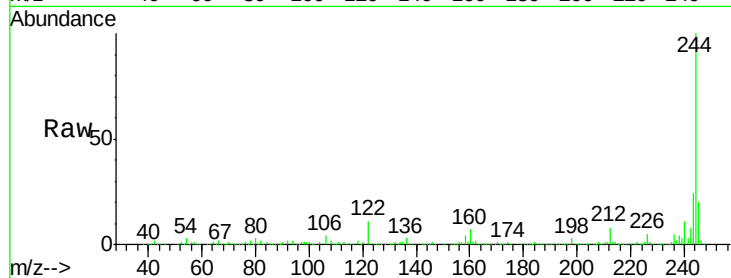




#78
 Terphenyl-d14
 Concen: 82.20 ng
 RT: 15.45 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: BF083562.D
 Acq: 7 Dec 2015 17:59

Instrument :
 BNA_F
 ClientSampleId :
 K203-20-21

Tgt Ion:244 Resp: 1776498
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 11.5 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083562.D
 Acq: 7 Dec 2015 17:59

Tgt Ion:264 Resp: 365281
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 22.7 17.8 26.6

