

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083716.D
 Acq On : 12 Dec 2015 1:10
 Operator : UM/IZ
 Sample : G4739-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K206-20-25

Quant Time: Dec 12 02:44:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

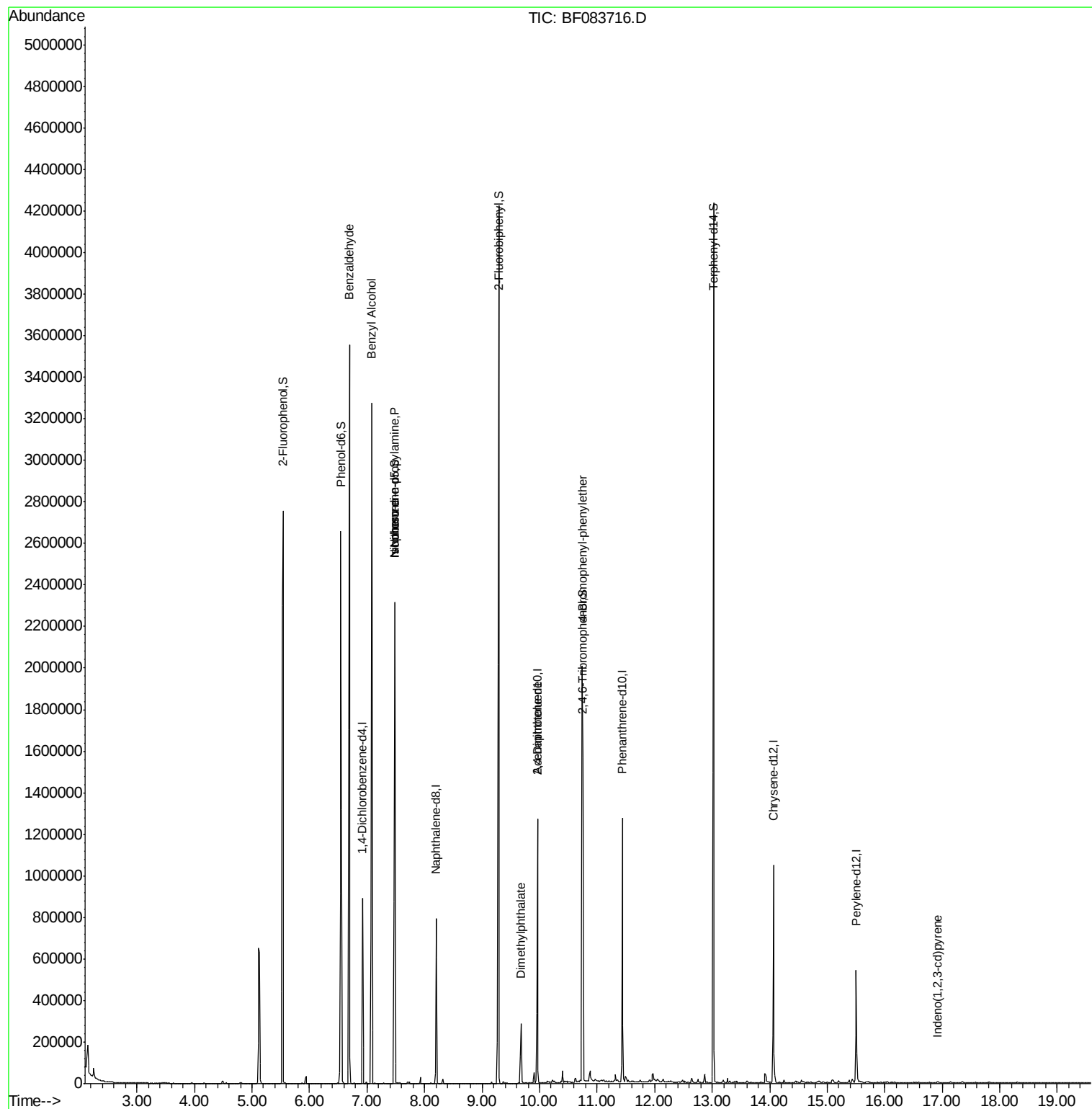
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	129283	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	504134	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	244805	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	436623	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	339262	20.00	ng	-0.01
86) Perylene-d12	15.51	264	241392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1129966	134.61	ng	0.01
7) Phenol-d6	6.54	99	1287510	124.19	ng	0.00
23) Nitrobenzene-d5	7.48	82	782555	105.27	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	378779	159.85	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1480384	89.07	ng	0.00
78) Terphenyl-d14	13.03	244	1327679	87.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	24332	4.26	ng	Qvalue 95
15) Benzyl Alcohol	7.08	79	14785	2.03	ng	# 50
19) n-Nitroso-di-n-propylamine	7.48	70	105670	17.49	ng	# 73
25) Isophorone	7.48	82	775501	46.67	ng	# 69
49) Dimethylphthalate	9.68	163	137964	7.32	ng	98
56) 2,4-Dinitrotoluene	9.96	165	31395	6.75	ng	# 13
66) 4-Bromophenyl-phenylether	10.74	248	23775	5.09	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.91	276	4098	4.08	ng	# 100

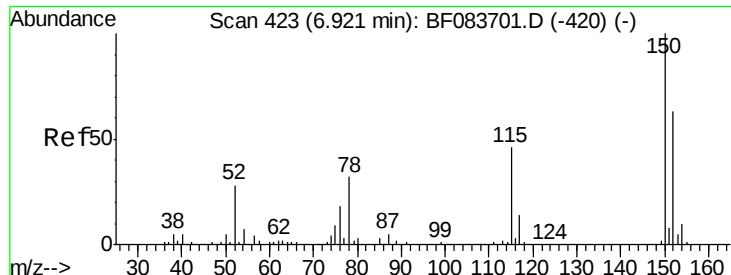
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Instrument :

BNA_F

ClientSampleId :

K206-20-25

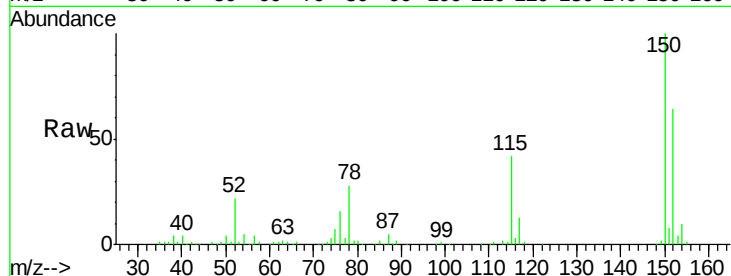
Tgt Ion:152 Resp: 129283

Ion Ratio Lower Upper

152 100

150 156.1 126.5 189.7

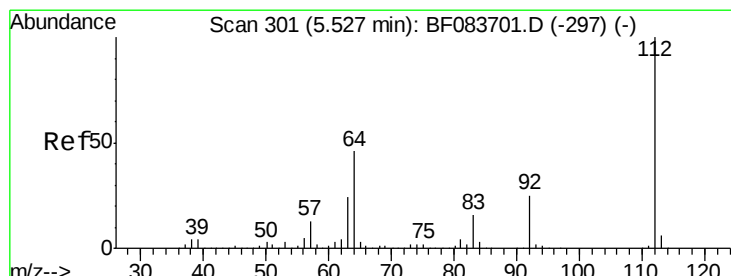
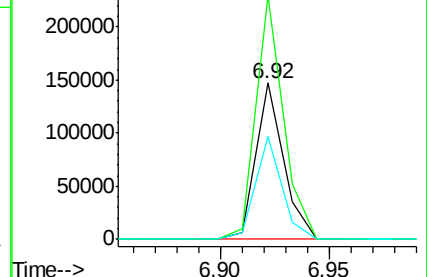
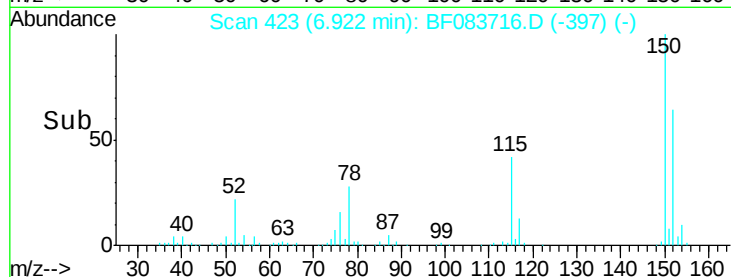
115 65.9 52.3 78.5



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: 134.61 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

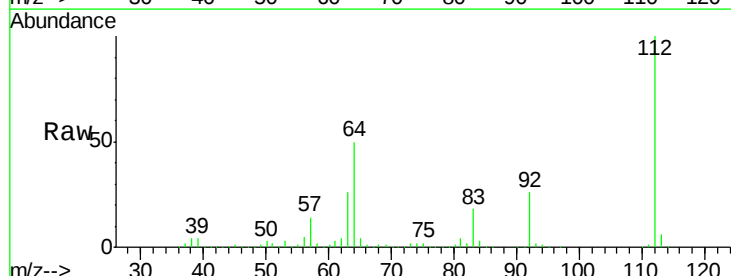
Tgt Ion:112 Resp: 1129966

Ion Ratio Lower Upper

112 100

64 50.3 50.5 75.7#

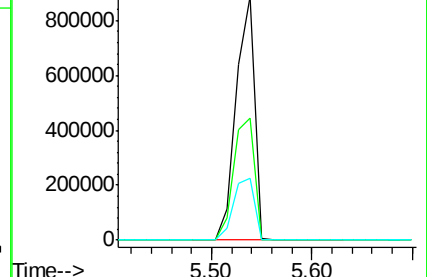
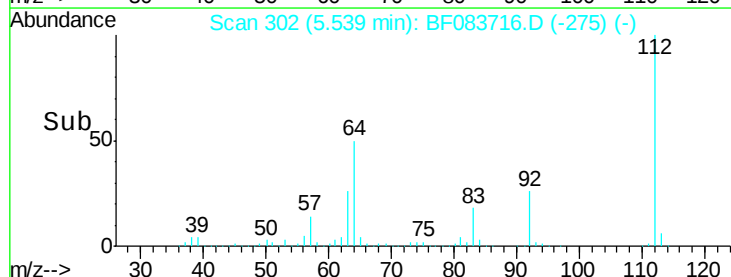
63 25.6 25.8 38.6#

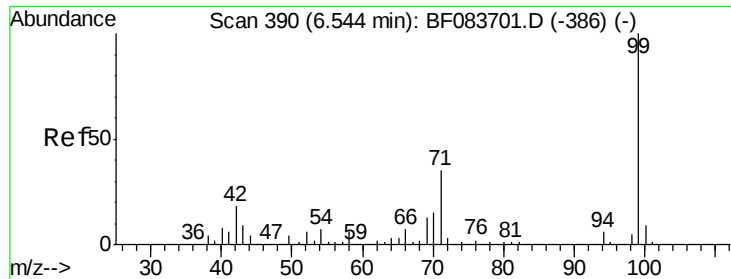


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.19 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Instrument :

BNA_F

ClientSampleId :

K206-20-25

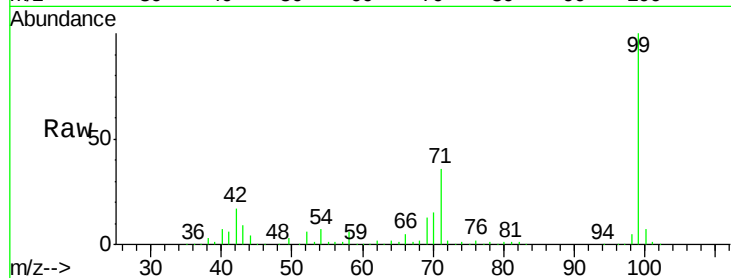
Tgt Ion: 99 Resp: 1287510

Ion Ratio Lower Upper

99 100

42 17.2 17.3 25.9#

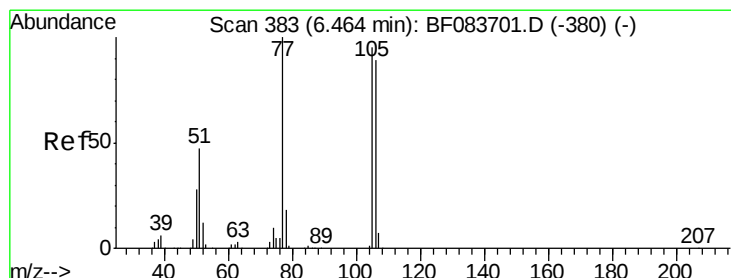
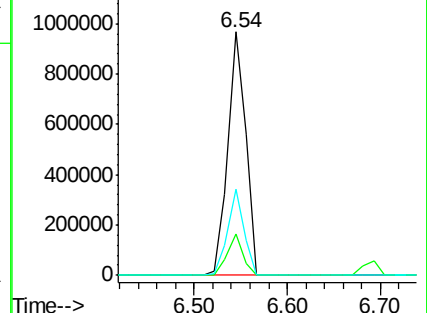
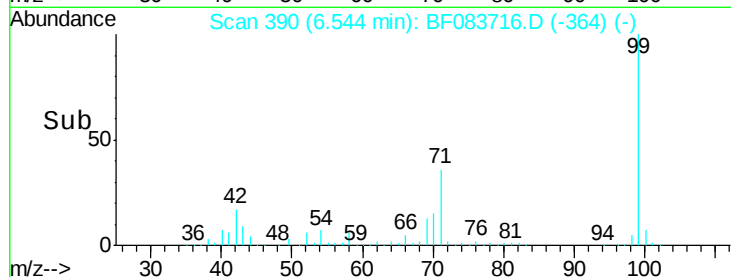
71 35.6 26.6 40.0



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: 4.26 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

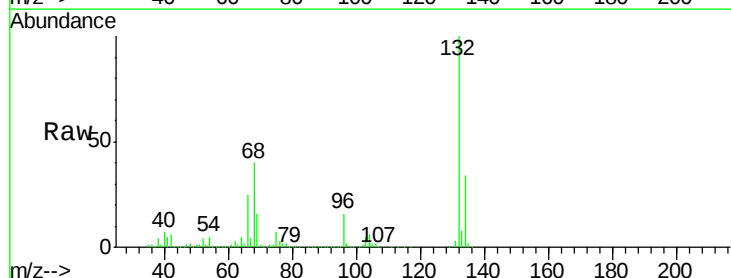
Tgt Ion: 77 Resp: 24332

Ion Ratio Lower Upper

77 100

105 84.0 71.8 111.8

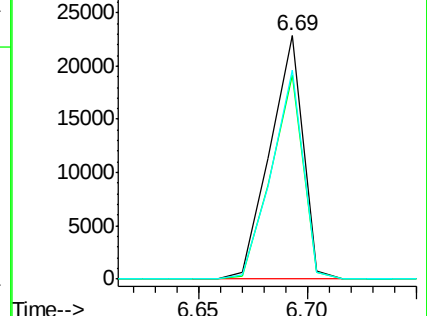
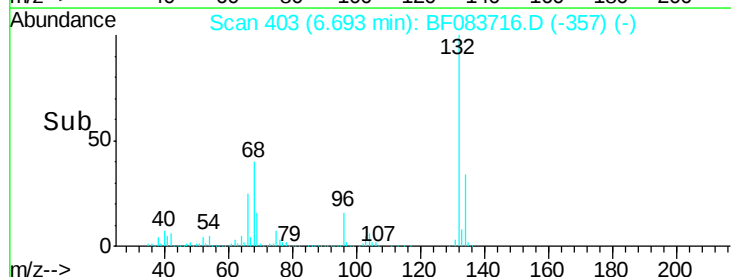
106 86.0 66.8 106.8

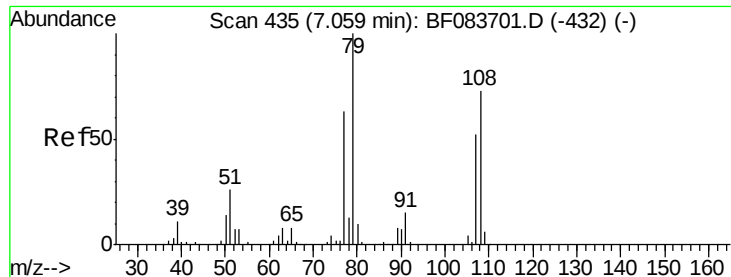


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Instrument :

BNA_F

ClientSampleId :

K206-20-25

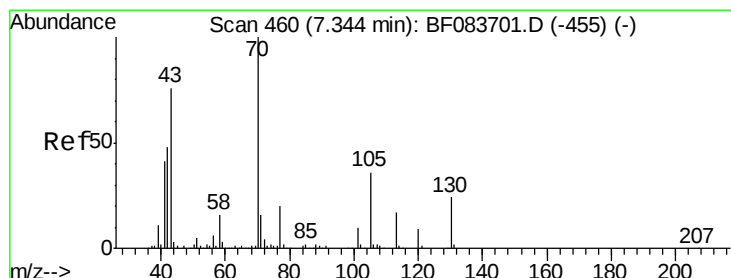
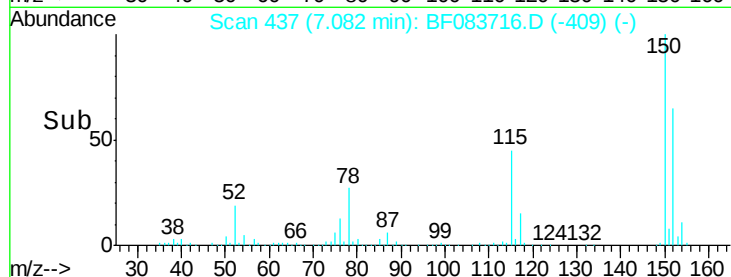
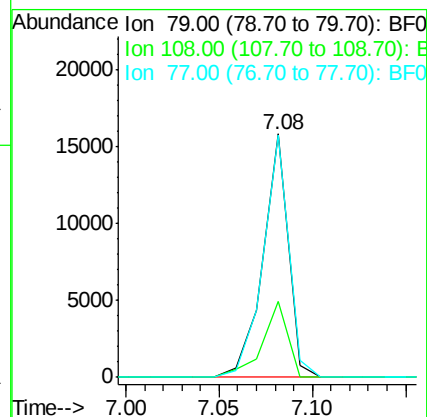
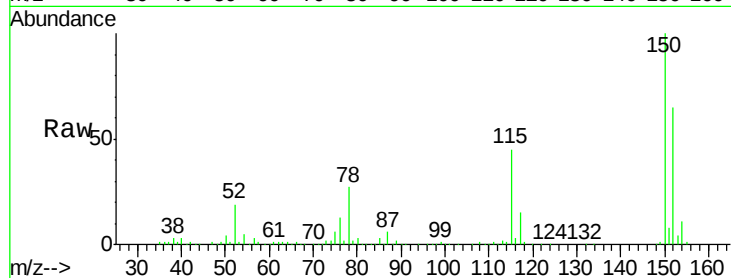
Tgt Ion: 79 Resp: 14785

Ion Ratio Lower Upper

79 100

108 31.4 59.6 89.4#

77 99.6 49.8 74.6#



#19

n-Nitroso-di-n-propylamine

Concen: 17.49 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Tgt Ion: 70 Resp: 105670

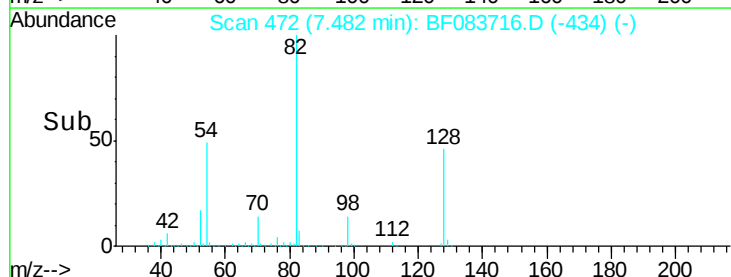
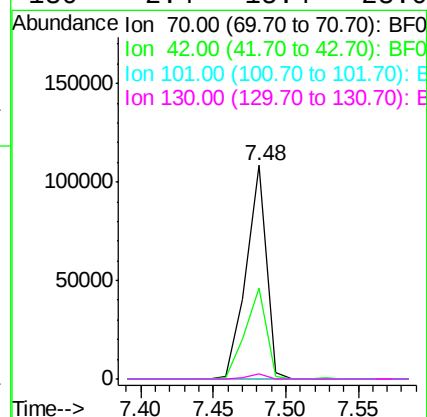
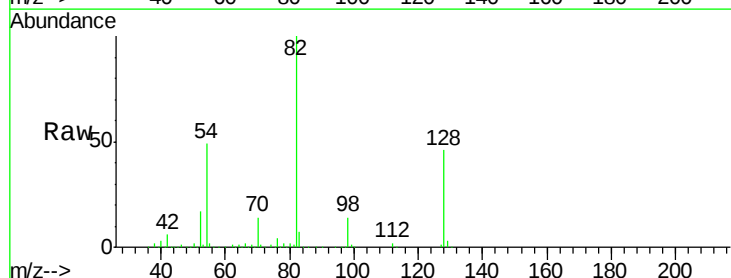
Ion Ratio Lower Upper

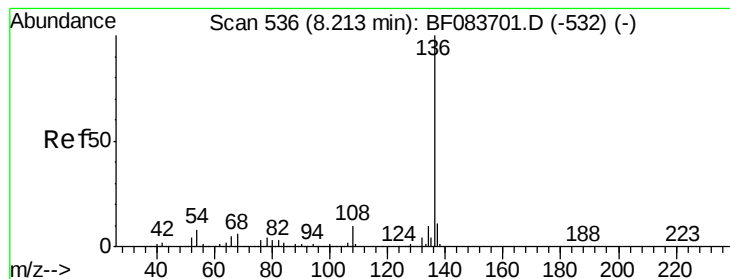
70 100

42 42.5 49.2 73.8#

101 0.0 7.1 10.7#

130 2.4 15.4 23.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Instrument :

BNA_F

ClientSampleId :

K206-20-25

Tgt Ion:136 Resp: 504134

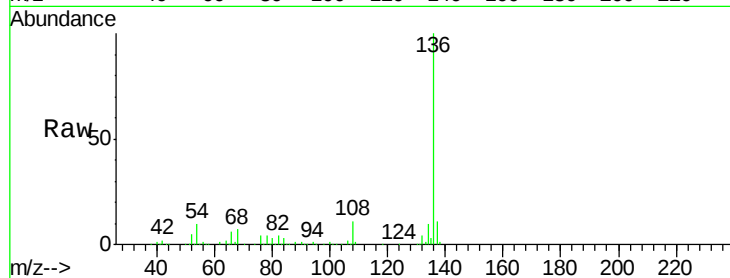
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.7 7.8 11.6

68 7.4 5.7 8.5

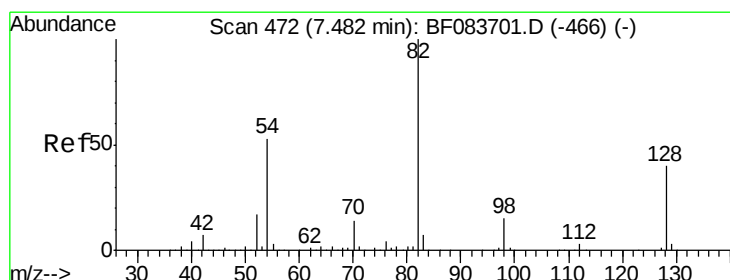
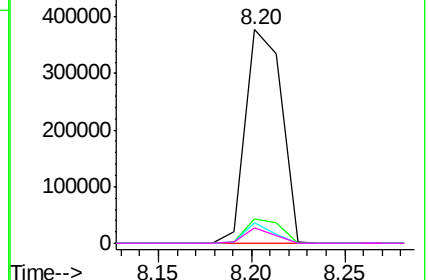
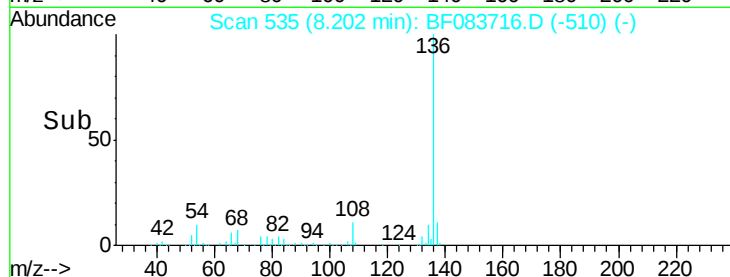


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.27 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

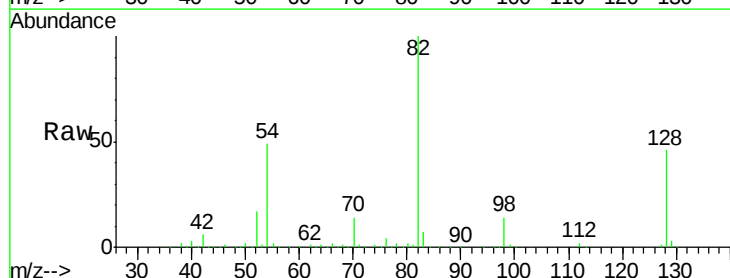
Tgt Ion: 82 Resp: 782555

Ion Ratio Lower Upper

82 100

128 45.5 30.7 46.1

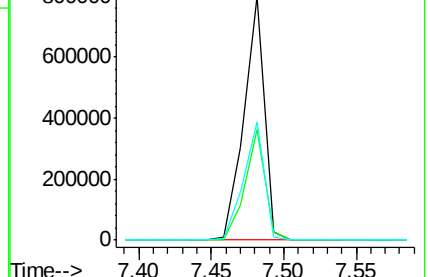
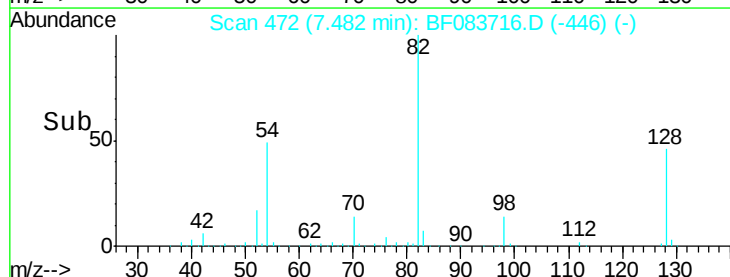
54 48.7 42.5 63.7

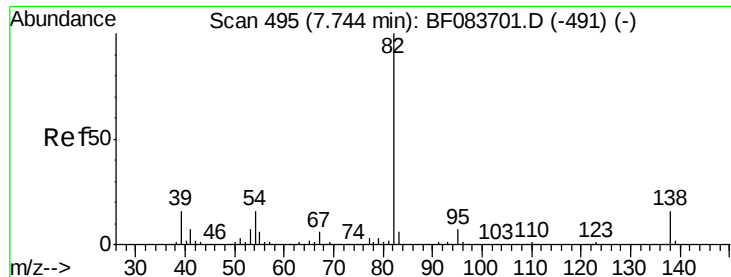


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.67 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Instrument :

BNA_F

ClientSampleId :

K206-20-25

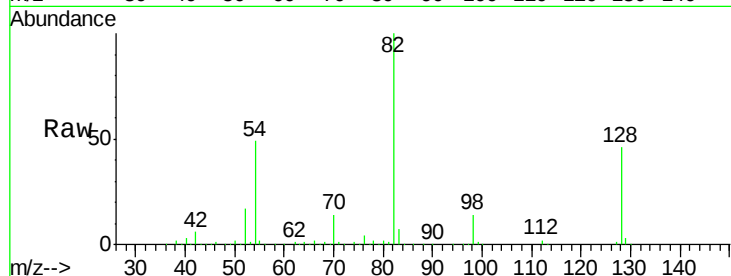
Tgt Ion: 82 Resp: 775501

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

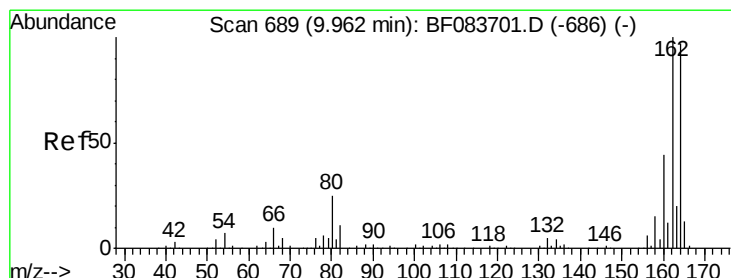
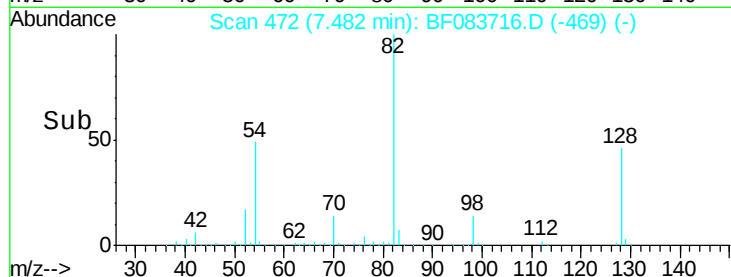
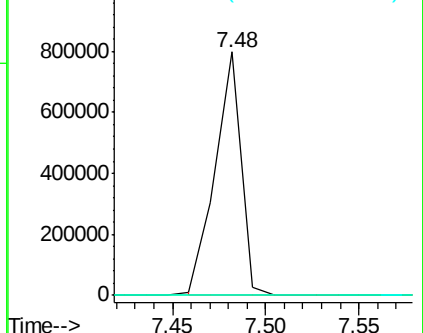
138 0.0 12.1 18.1#



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: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

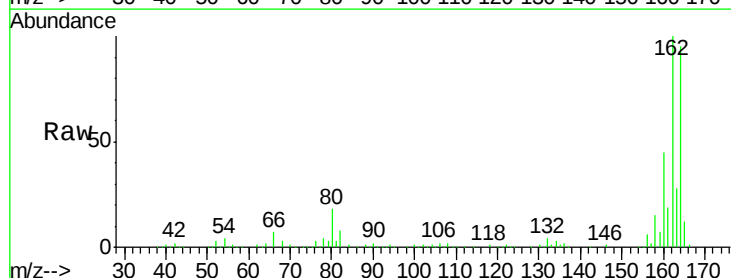
Tgt Ion: 164 Resp: 244805

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

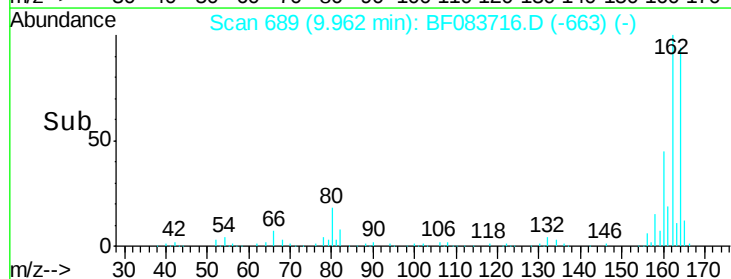
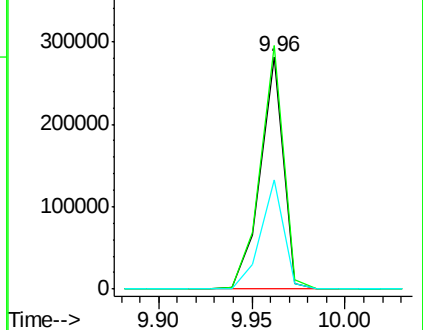
160 47.2 33.4 50.2

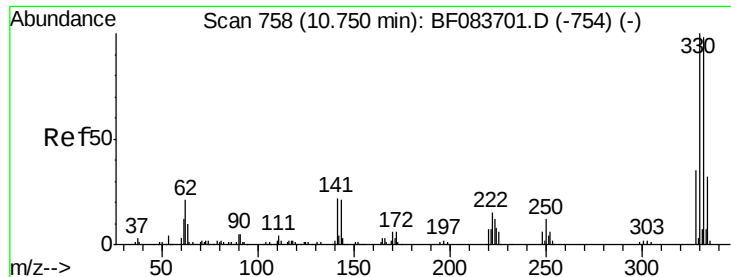


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

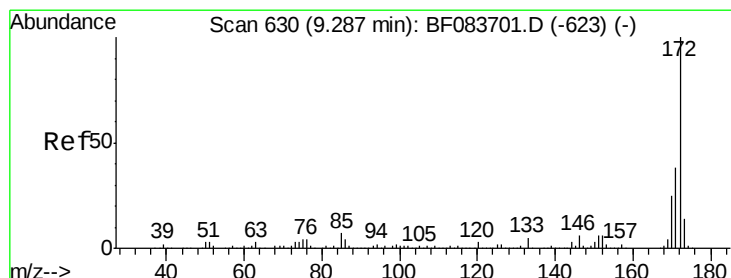
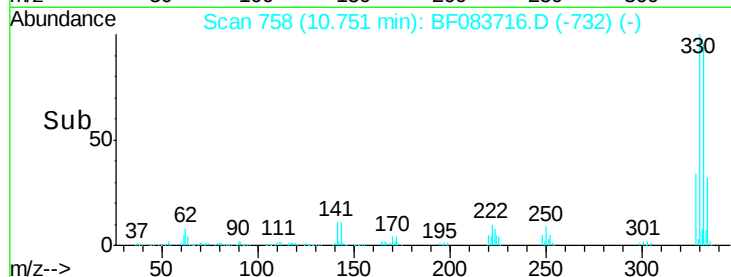
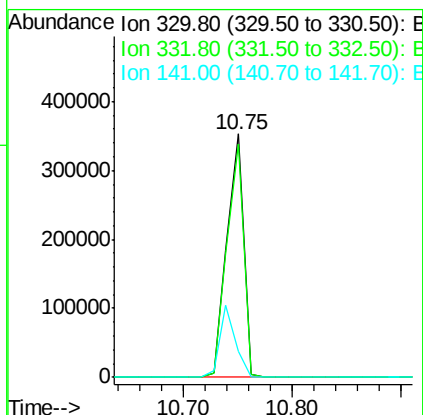
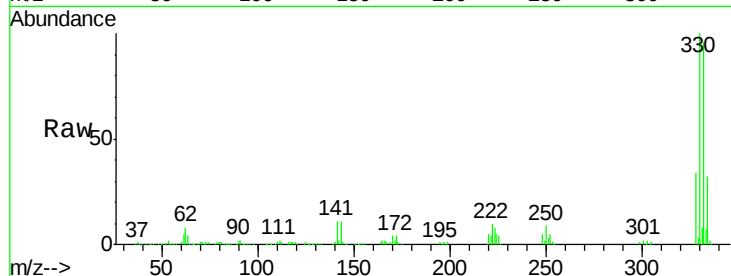




#41
 2,4,6-Tribromophenol
 Concen: 159.85 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083716.D
 Acq: 12 Dec 2015 1:10

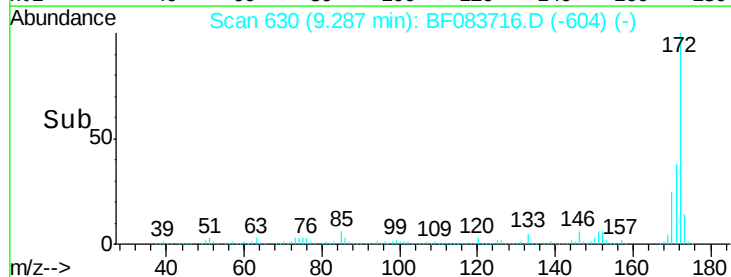
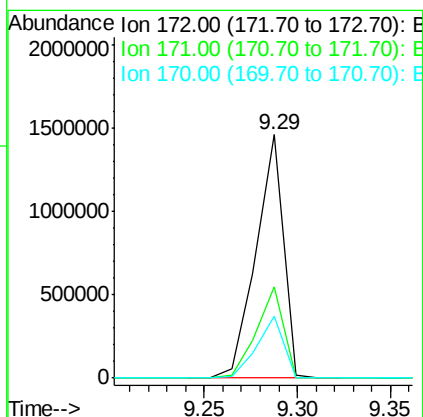
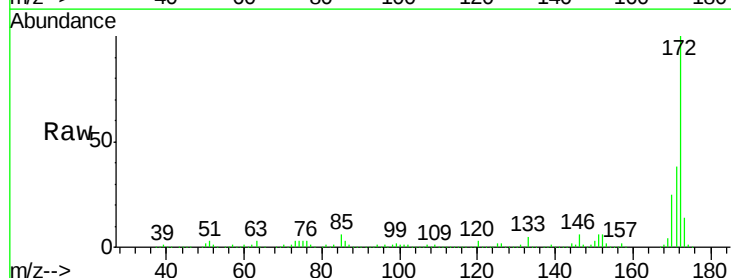
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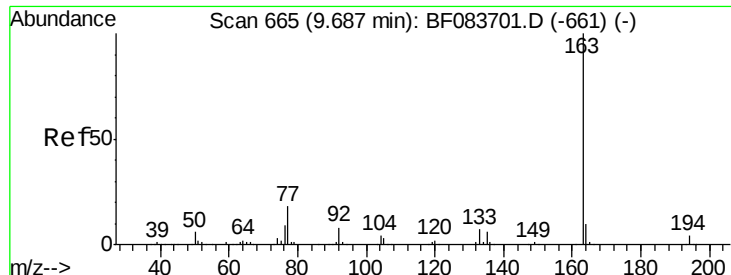
Tgt Ion: 330 Resp: 378779
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 28.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.07 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083716.D
 Acq: 12 Dec 2015 1:10

Tgt Ion: 172 Resp: 1480384
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.6 42.8
 170 25.4 19.4 29.0





#49

Dimethylphthalate

Concen: 7.32 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Instrument :

BNA_F

ClientSampleId :

K206-20-25

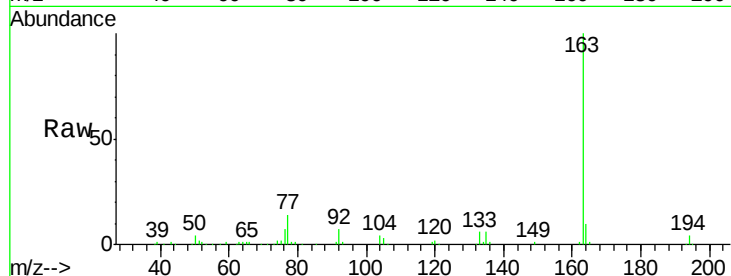
Tgt Ion:163 Resp: 137964

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

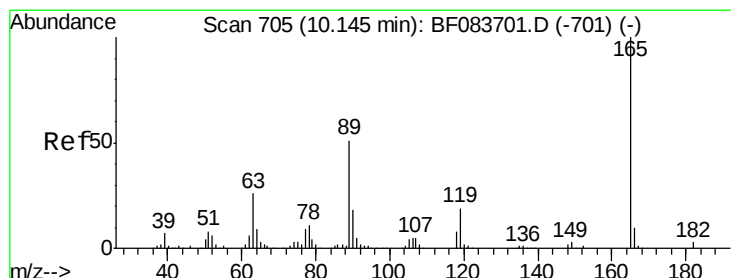
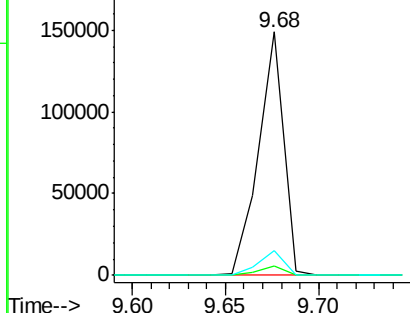
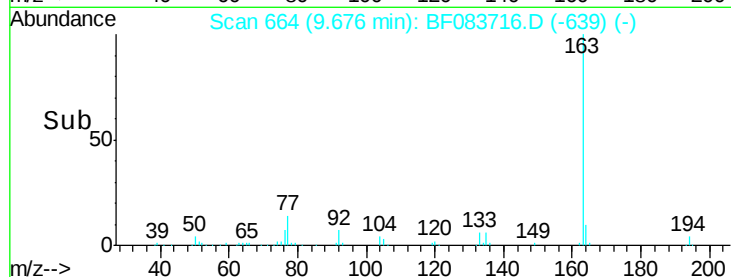
164 10.0 8.6 13.0



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



#56

2,4-Dinitrotoluene

Concen: 6.75 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.18 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Tgt Ion:165 Resp: 31395

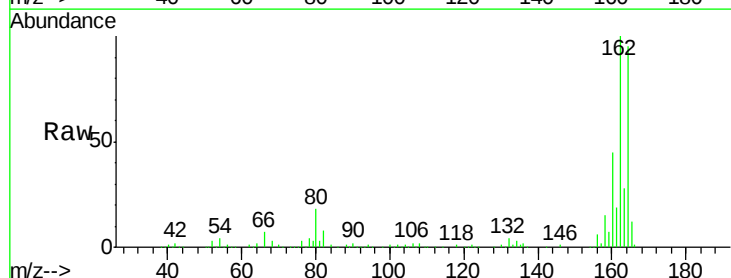
Ion Ratio Lower Upper

165 100

63 1.2 51.4 77.2#

89 1.8 72.6 108.8#

182 0.0 1.4 2.0#

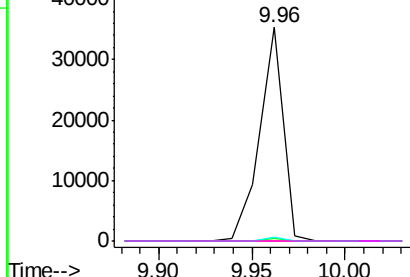
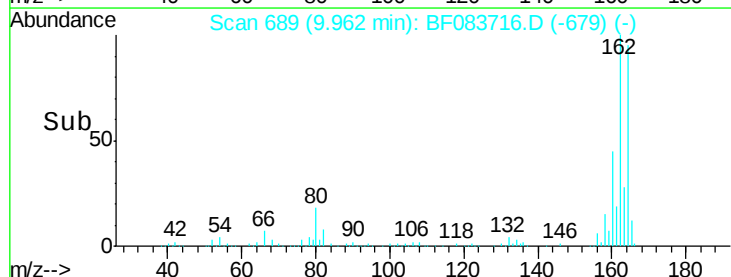


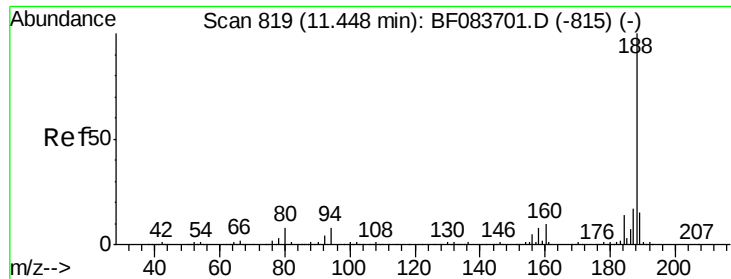
Abundance Ion 165.00 (164.70 to 165.70): E

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

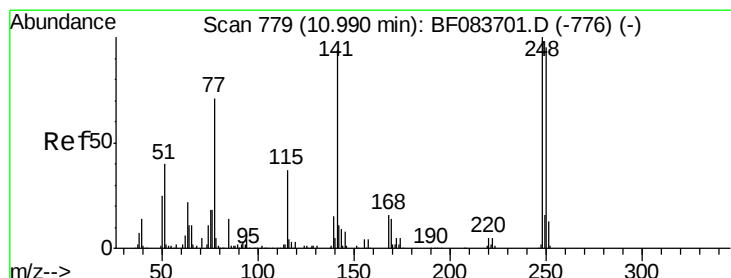
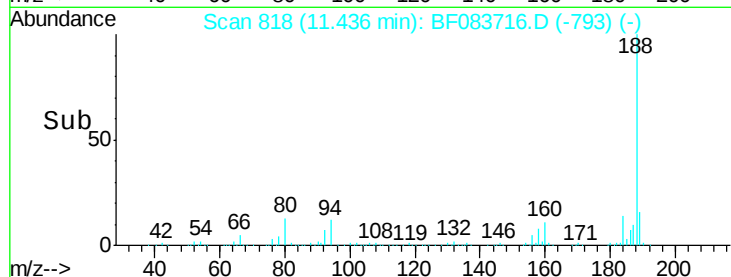
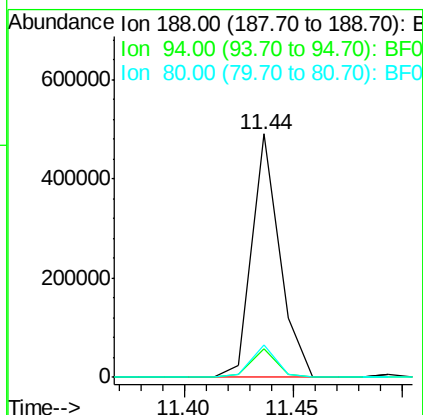
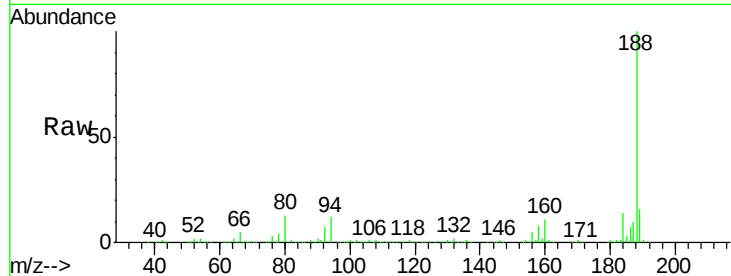




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083716.D
Acq: 12 Dec 2015 1:10

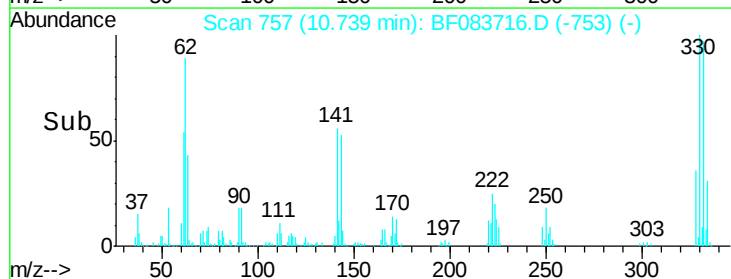
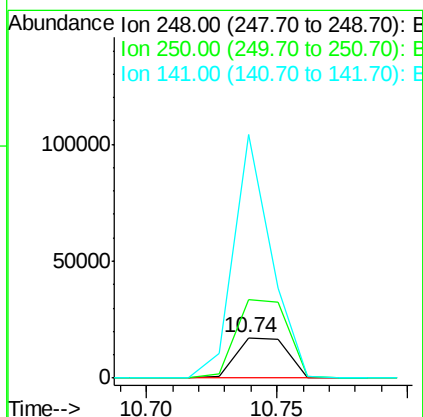
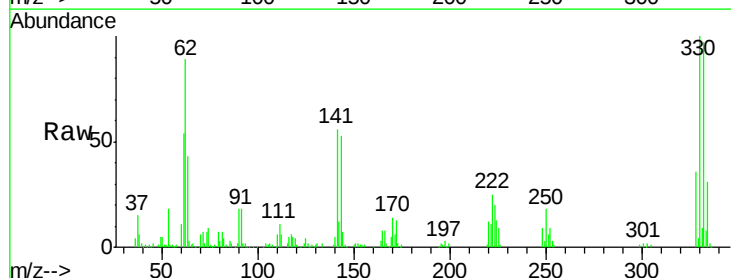
Instrument :
BNA_F
ClientSampleId :
K206-20-25

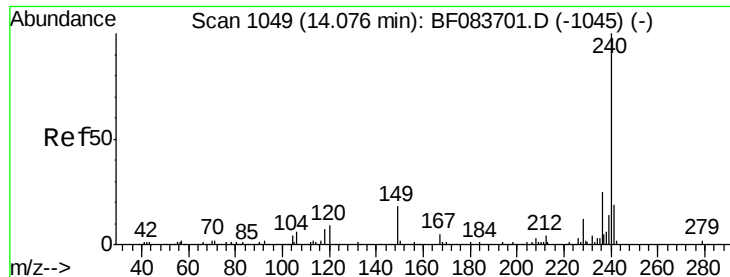
Tgt Ion:188 Resp: 436623
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 13.3 10.6 16.0



#66
4-Bromophenyl-phenylether
Concen: 5.09 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083716.D
Acq: 12 Dec 2015 1:10

Tgt Ion:248 Resp: 23775
Ion Ratio Lower Upper
248 100
250 195.0 79.2 118.8#
141 601.4 58.2 87.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

Instrument :

BNA_F

ClientSampleId :

K206-20-25

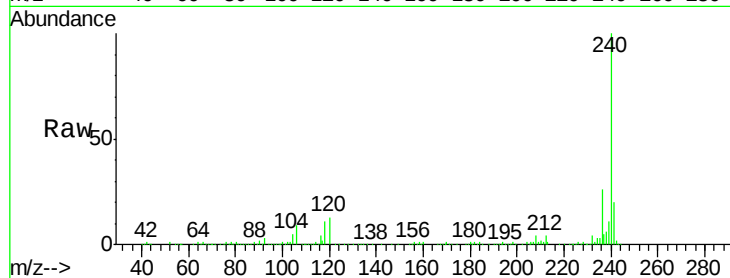
Tgt Ion:240 Resp: 339262

Ion Ratio Lower Upper

240 100

120 12.7 8.1 12.1#

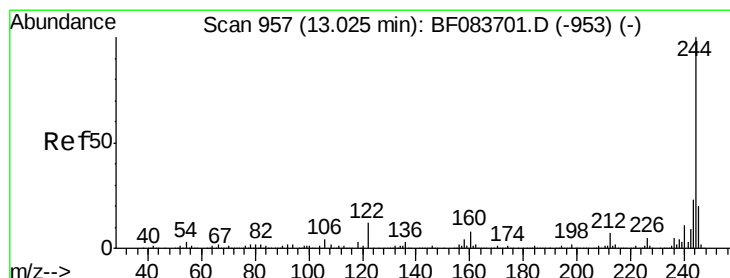
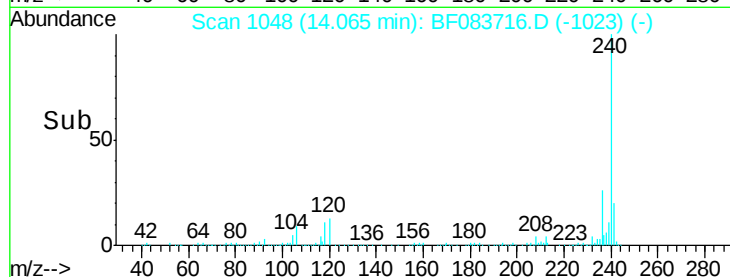
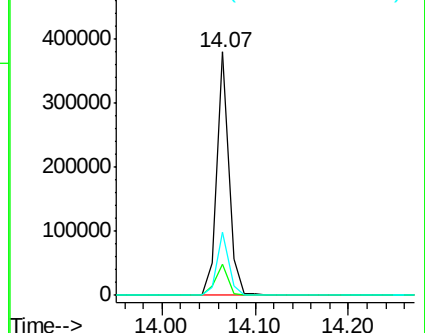
236 25.8 20.8 31.2



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: 87.88 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083716.D

Acq: 12 Dec 2015 1:10

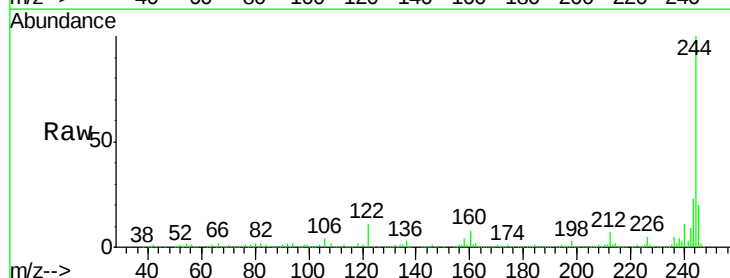
Tgt Ion:244 Resp: 1327679

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

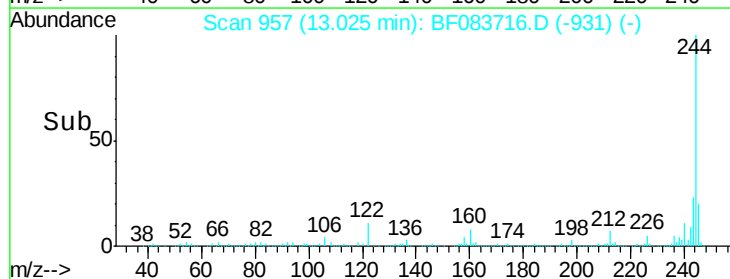
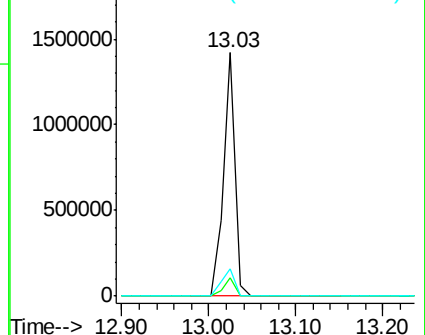
122 11.2 11.0 16.6

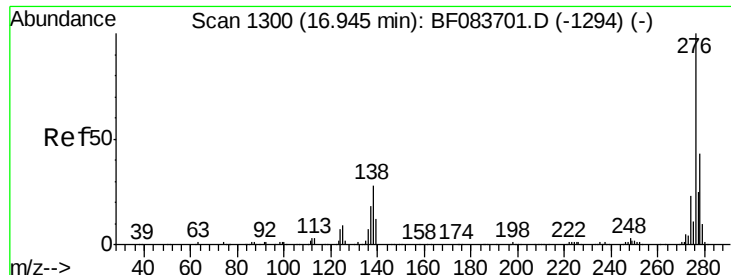


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

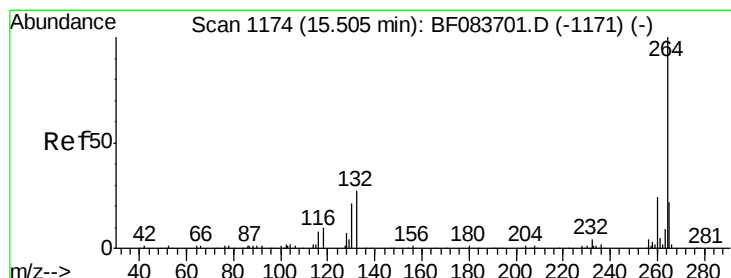
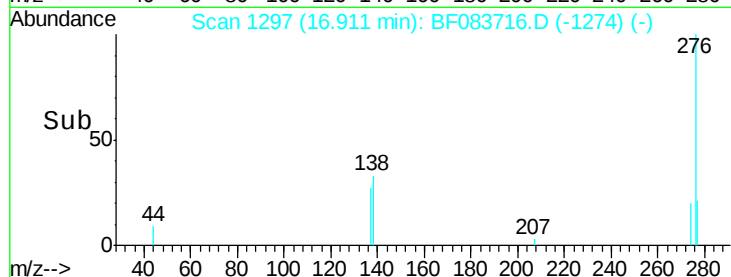
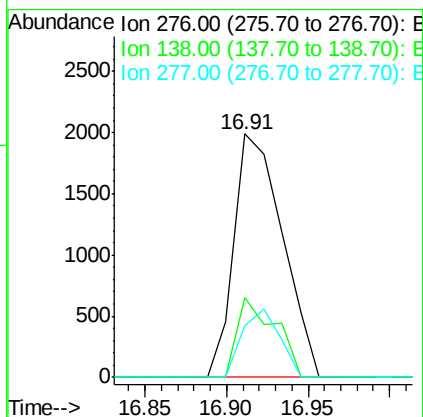
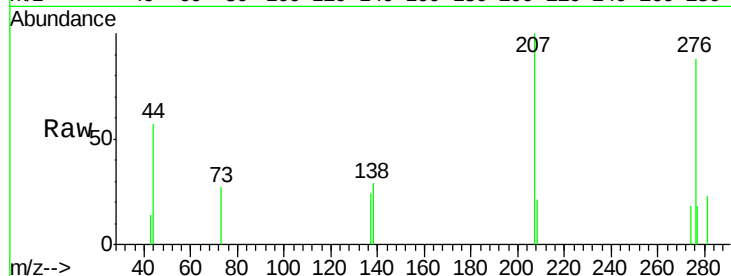




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.08 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BF083716.D
 Acq: 12 Dec 2015 1:10

Instrument :
 BNA_F
 ClientSampleId :
 K206-20-25

Tgt Ion: 276 Resp: 4098
 Ion Ratio Lower Upper
 276 100
 138 25.6 0.0 0.0#
 277 21.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083716.D
 Acq: 12 Dec 2015 1:10

Tgt Ion: 264 Resp: 241392
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.2 17.8 26.6

