

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083715.D
 Acq On : 12 Dec 2015 00:42
 Operator : UM/IZ
 Sample : G4739-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K205-10-12

Quant Time: Dec 12 02:37:45 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

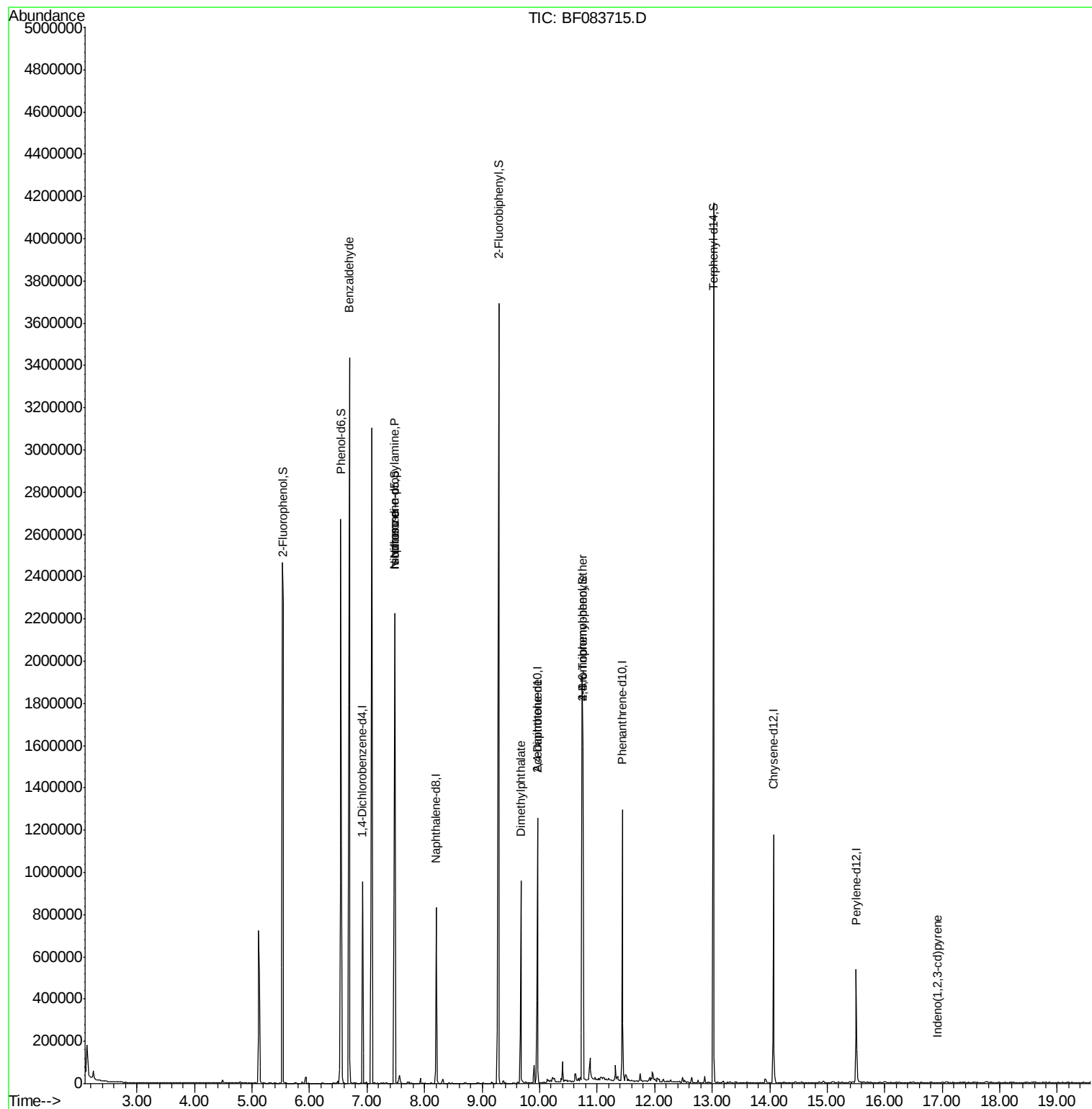
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	133644	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	522626	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	251375	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	442391	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	373327	20.00	ng	-0.01
86) Perylene-d12	15.51	264	240035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1105107	127.35	ng	0.01
7) Phenol-d6	6.54	99	1236894	115.41	ng	0.00
23) Nitrobenzene-d5	7.48	82	762058	98.89	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	372956	153.28	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1403057	82.21	ng	0.00
78) Terphenyl-d14	13.03	244	1296508	77.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	25130	4.26	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.48	70	104099	16.67	ng	# 73
25) Isophorone	7.48	82	753811	43.76	ng	# 69
49) Dimethylphthalate	9.68	163	390322	20.18	ng	98
56) 2,4-Dinitrotoluene	9.96	165	32586	6.82	ng	# 12
66) 4-Bromophenyl-phenylether	10.75	248	23608	4.99	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.92	276	1150	3.95	ng	# 100

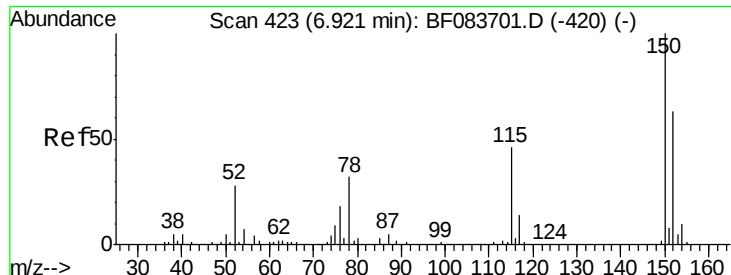
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083715.D

Acq: 12 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

K205-10-12

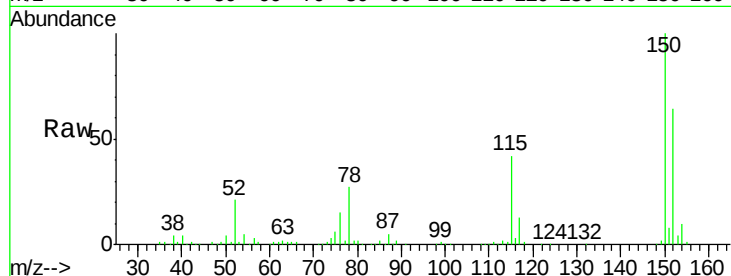
Tgt Ion:152 Resp: 133644

Ion Ratio Lower Upper

152 100

150 156.7 126.5 189.7

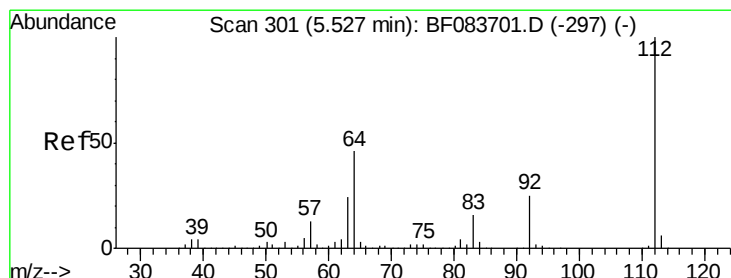
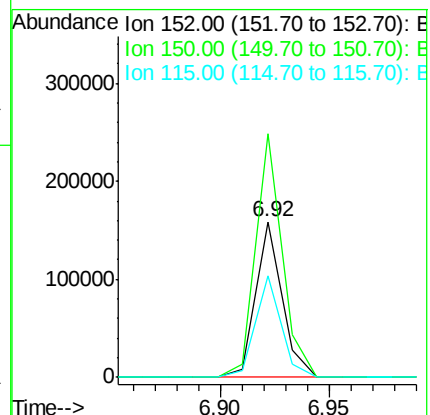
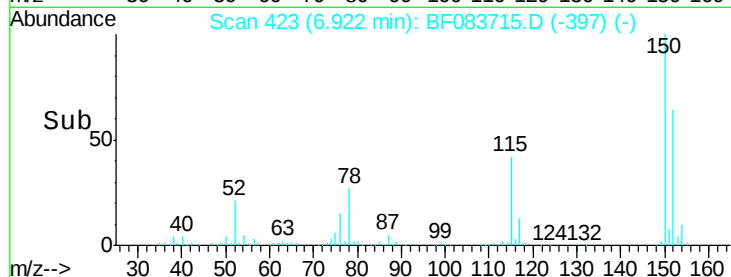
115 65.1 52.3 78.5



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: 127.35 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

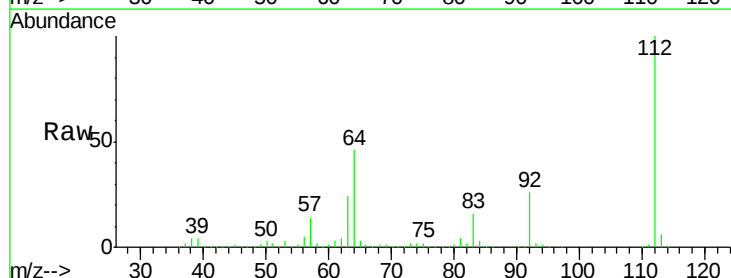
Tgt Ion:112 Resp: 1105107

Ion Ratio Lower Upper

112 100

64 46.2 50.5 75.7#

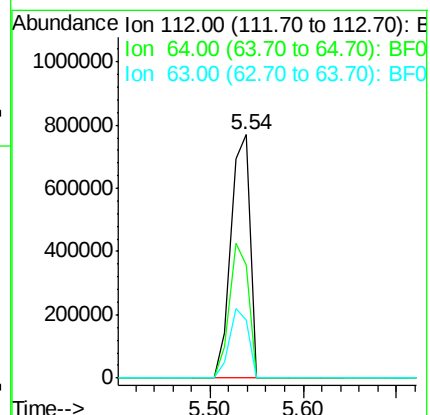
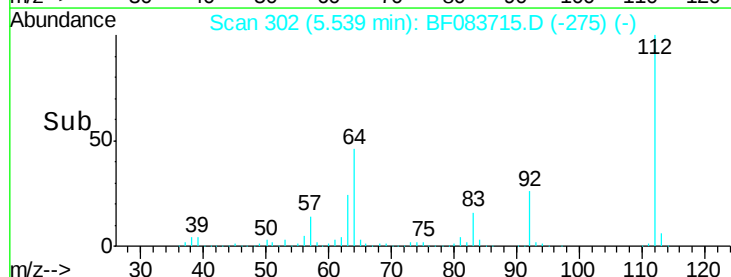
63 23.7 25.8 38.6#

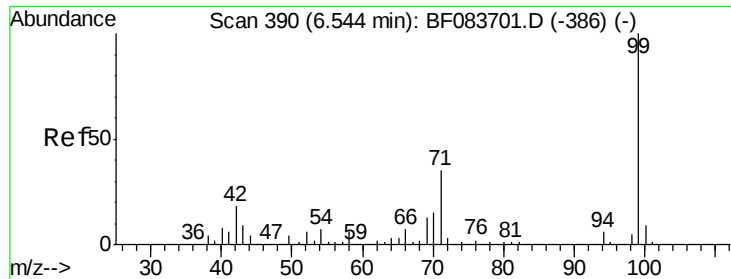


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.41 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

K205-10-12

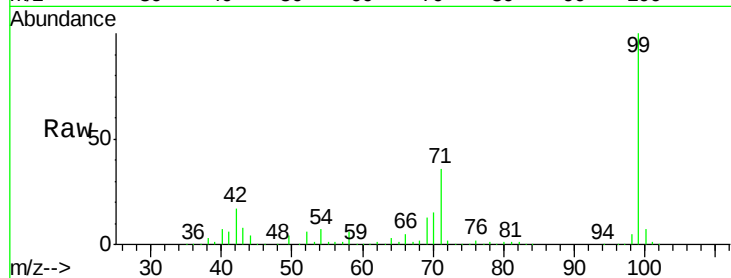
Tgt Ion: 99 Resp: 1236894

Ion Ratio Lower Upper

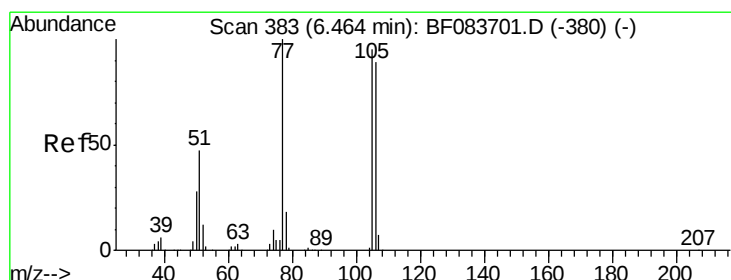
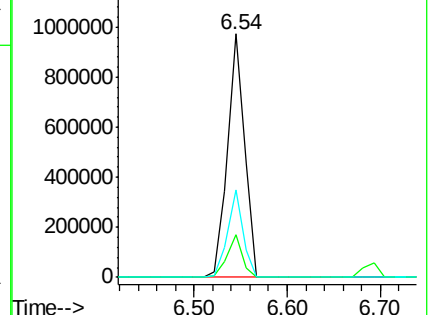
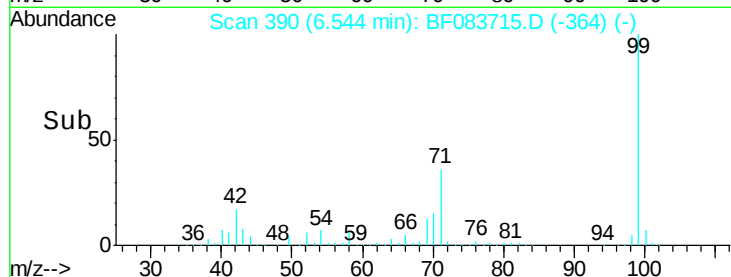
99 100

42 17.3 17.3 25.9

71 35.7 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: BF083715.D

Acq: 12 Dec 2015 00:42

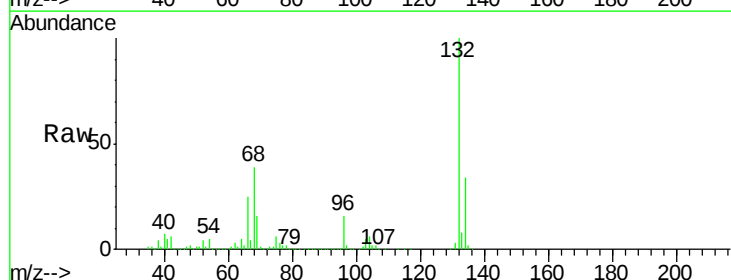
Tgt Ion: 77 Resp: 25130

Ion Ratio Lower Upper

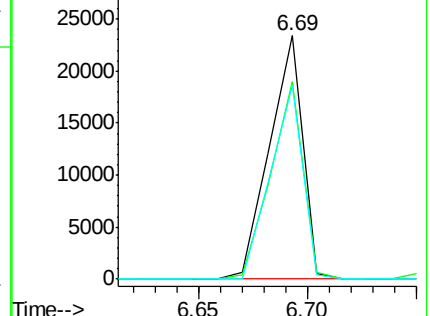
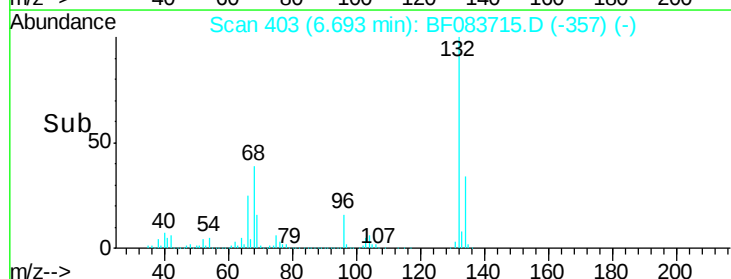
77 100

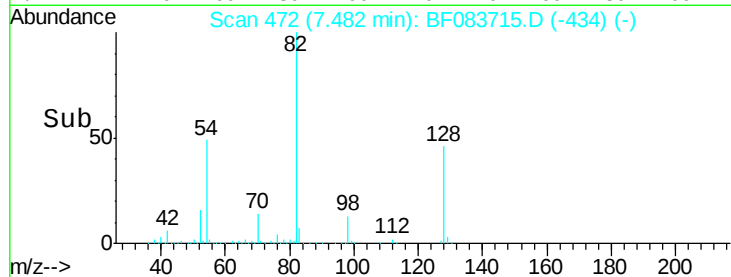
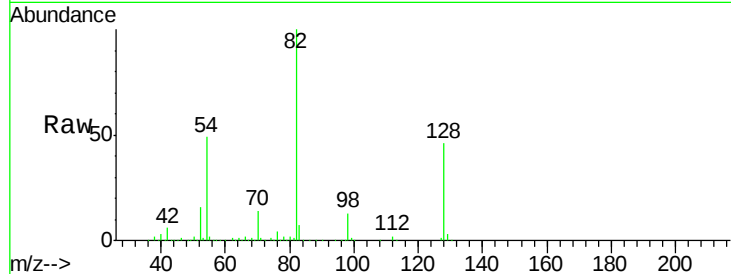
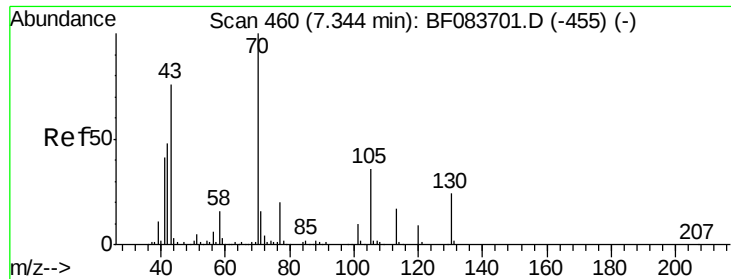
105 81.3 71.8 111.8

106 79.3 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

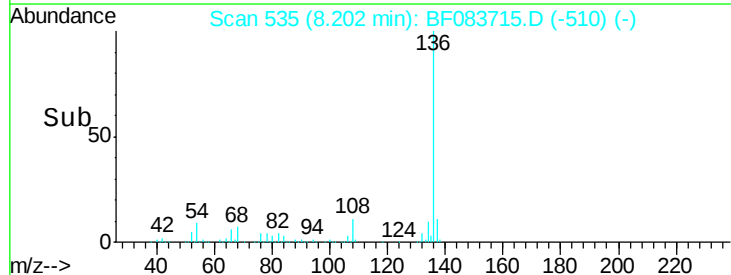
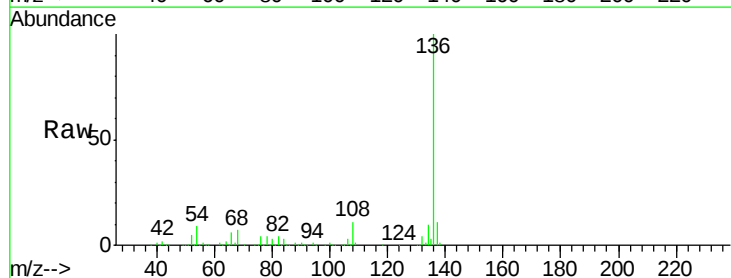
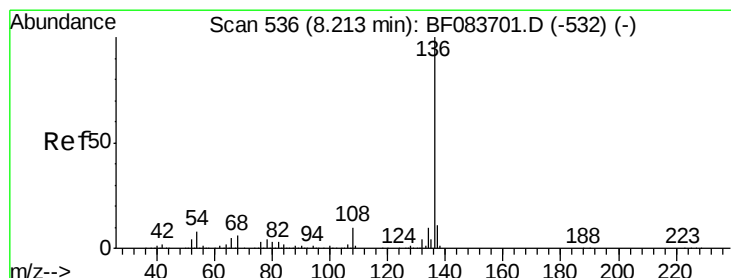
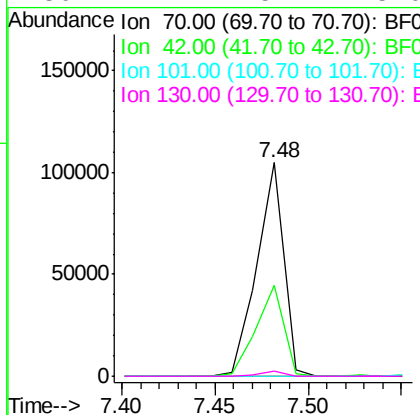




#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083715.D
Acq: 12 Dec 2015 00:42

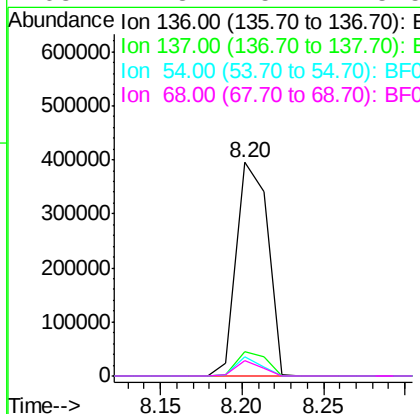
Instrument :
BNA_F
ClientSampleId :
K205-10-12

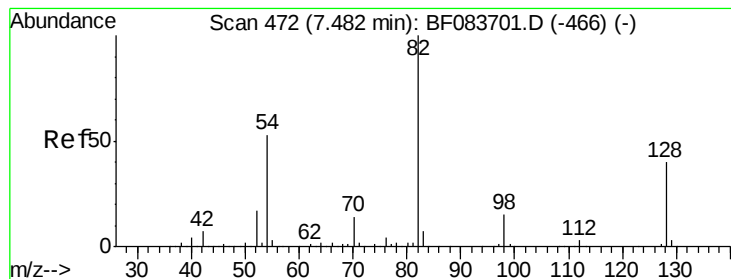
Tgt Ion: 70 Resp: 104099
Ion Ratio Lower Upper
70 100
42 42.6 49.2 73.8#
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083715.D
Acq: 12 Dec 2015 00:42

Tgt Ion: 136 Resp: 522626
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.2 7.8 11.6
68 7.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 98.89 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

K205-10-12

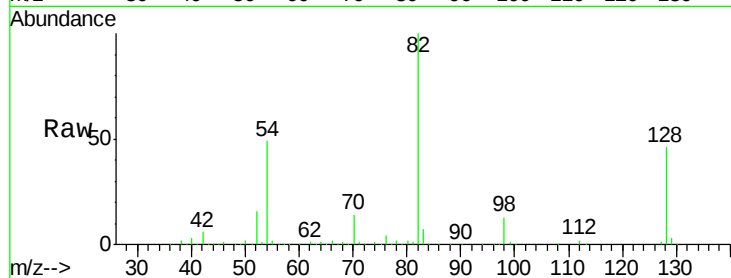
Tgt Ion: 82 Resp: 762058

Ion Ratio Lower Upper

82 100

128 45.7 30.7 46.1

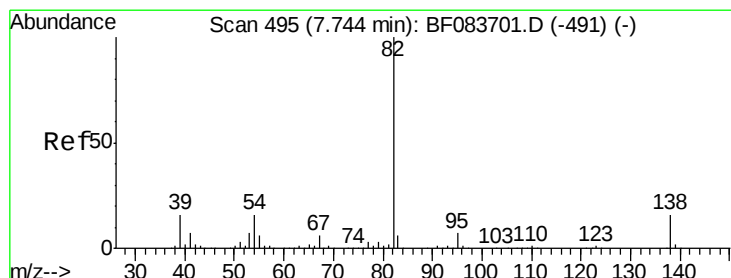
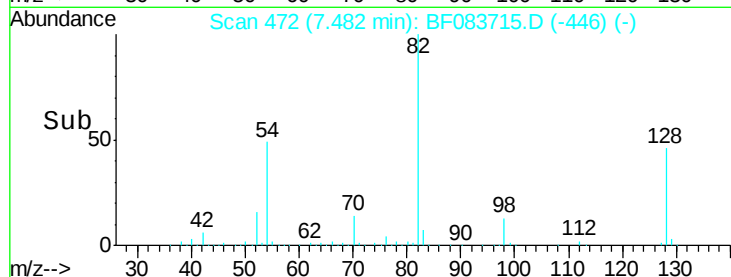
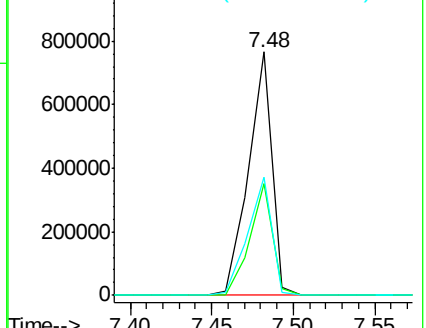
54 48.6 42.5 63.7



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: 43.76 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

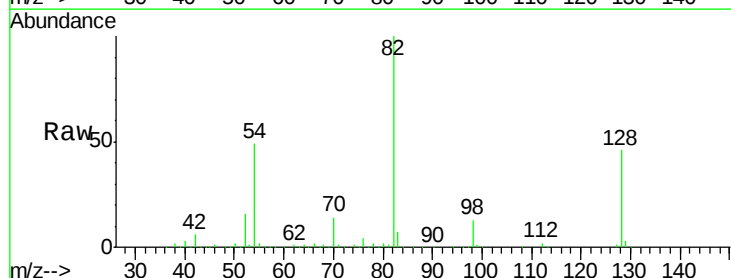
Tgt Ion: 82 Resp: 753811

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

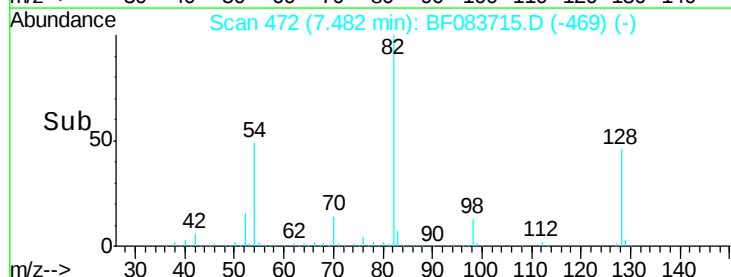
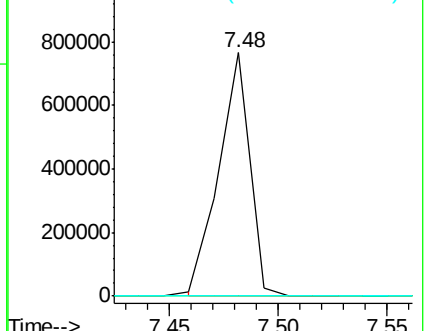
138 0.0 12.1 18.1#

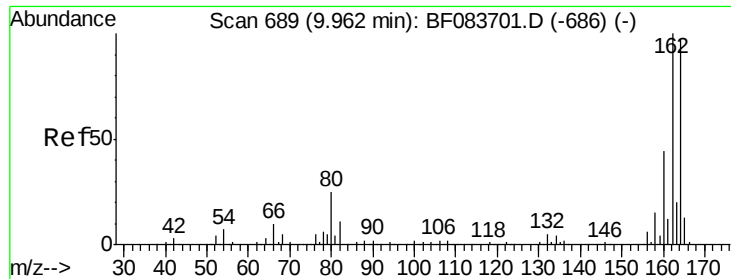


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF083715.D

Acq: 12 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

K205-10-12

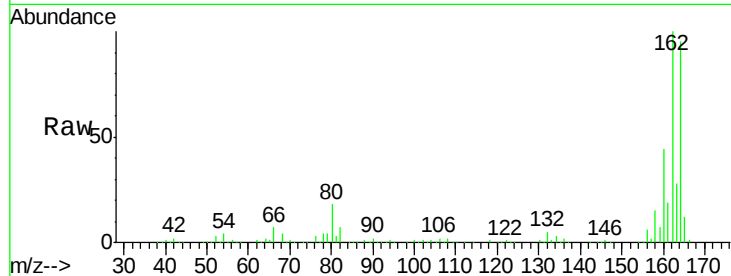
Tgt Ion:164 Resp: 251375

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

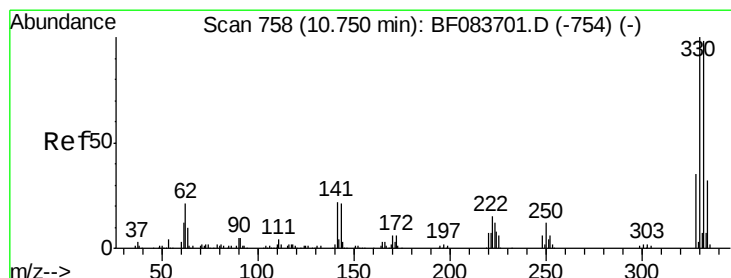
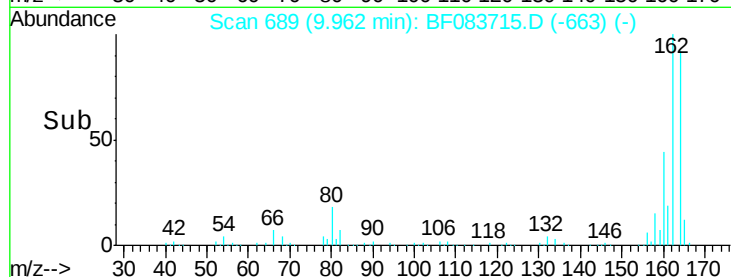
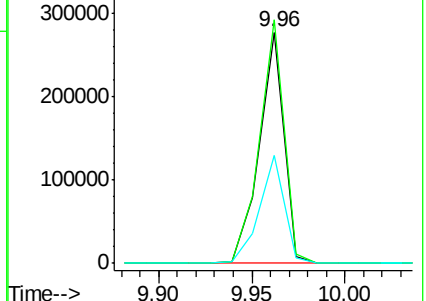
160 46.6 33.4 50.2



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: 153.28 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

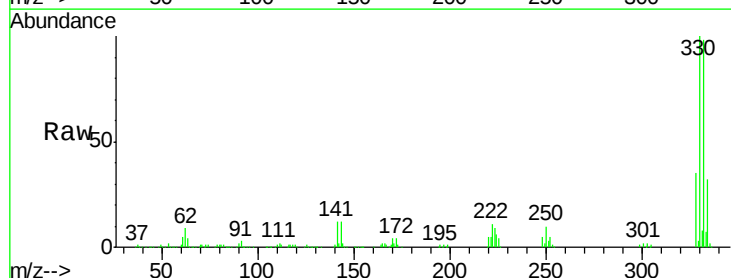
Tgt Ion:330 Resp: 372956

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

141 28.3 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

