

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083719.D
 Acq On : 12 Dec 2015 2:34
 Operator : UM/IZ
 Sample : G4739-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K201-30-35

Quant Time: Dec 12 04:07:31 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

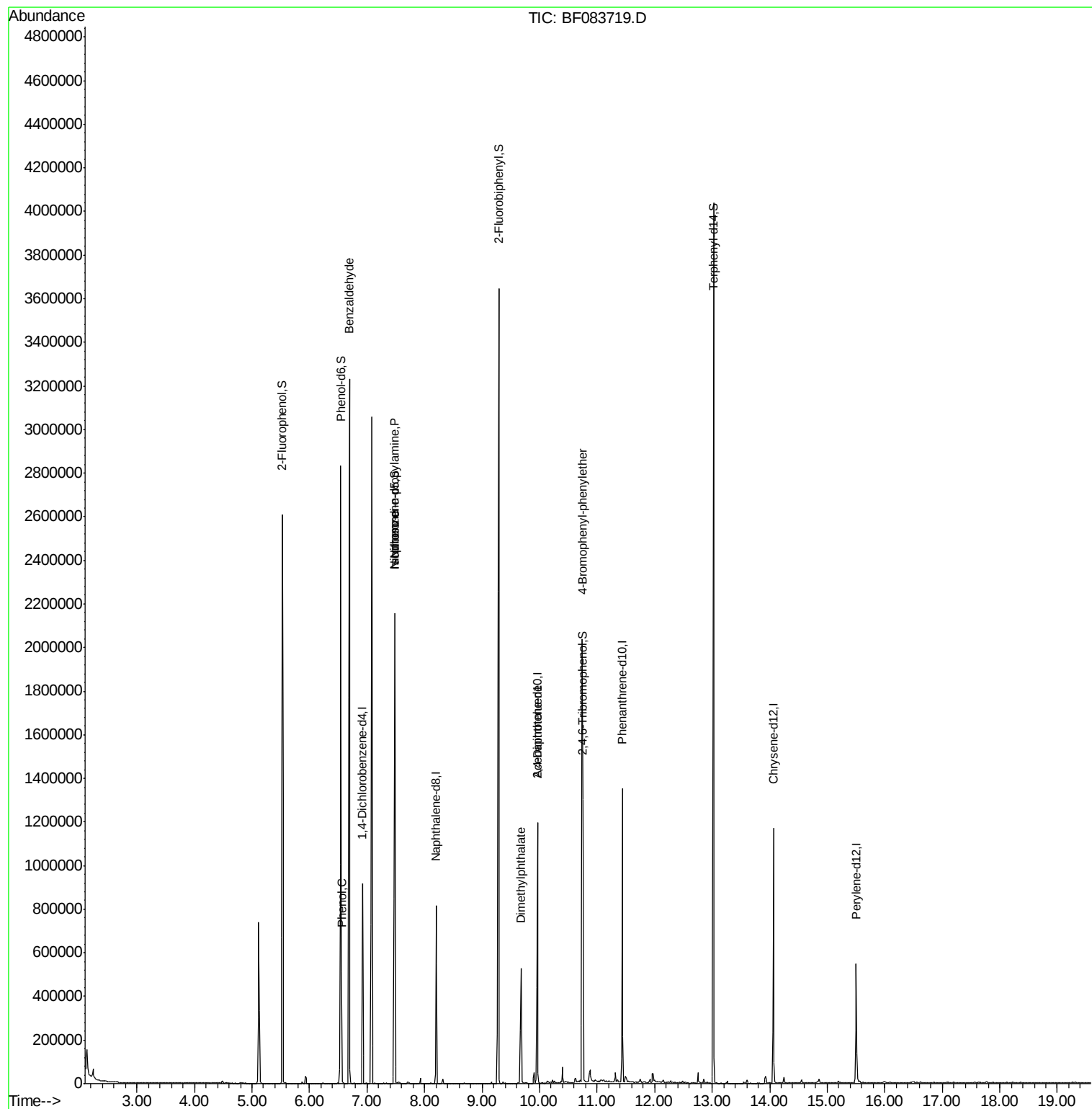
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	128658	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	484765	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	248509	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	450317	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	379979	20.00	ng	-0.01
86) Perylene-d12	15.51	264	245535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	964467	115.45	ng	0.00
7) Phenol-d6	6.54	99	1101205	106.73	ng	0.00
23) Nitrobenzene-d5	7.48	82	729650	102.08	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	357347	148.55	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1426230	84.53	ng	0.00
78) Terphenyl-d14	13.03	244	1316615	77.81	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	23077	4.06	ng	94
10) Phenol	6.56	94	25578	2.13	ng	87
19) n-Nitroso-di-n-propylamine	7.48	70	98482	16.38	ng	# 74
25) Isophorone	7.48	82	722121	45.20	ng	# 69
49) Dimethylphthalate	9.68	163	256335	13.41	ng	98
56) 2,4-Dinitrotoluene	9.96	165	32170	6.81	ng	# 13
64) 4,6-Dinitro-2-methylphenol	10.74	198	448	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.74	248	22168	4.61	ng	# 1

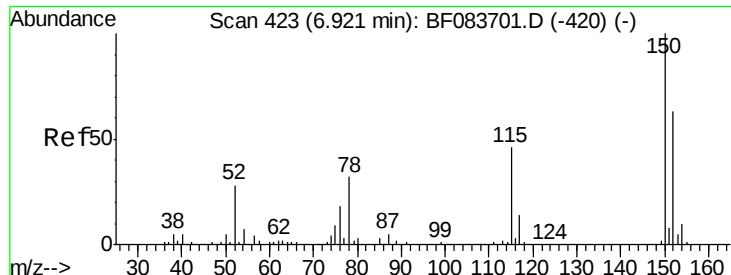
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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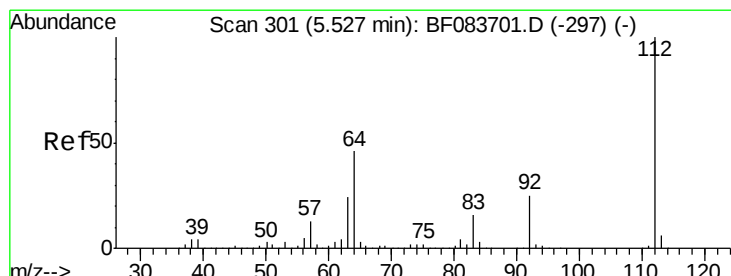
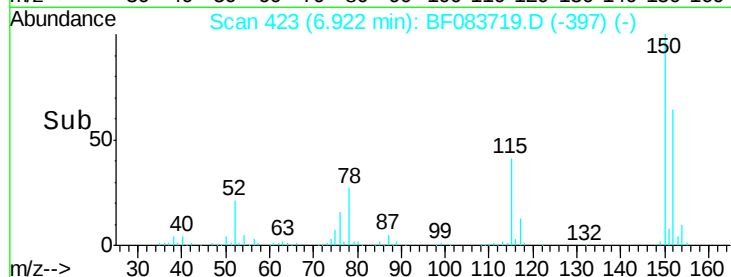
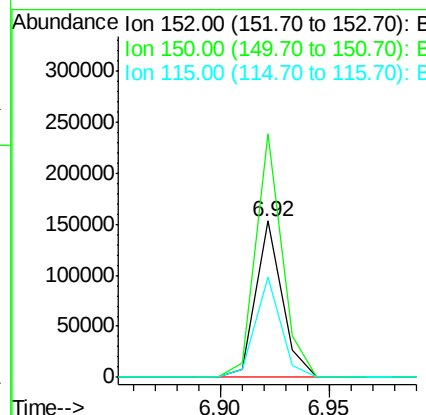
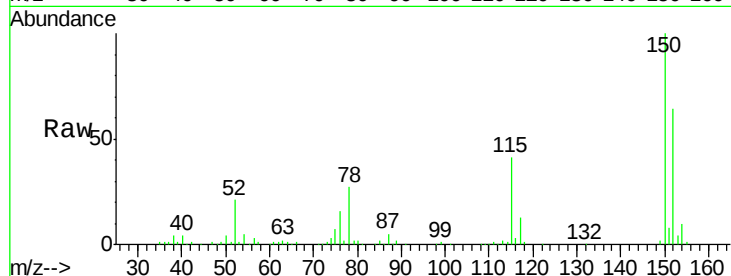




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF083719.D
 Acq: 12 Dec 2015 2:34

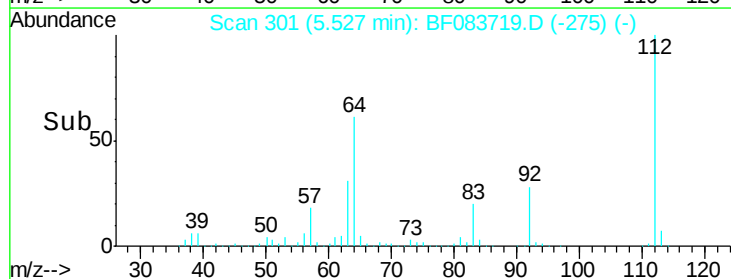
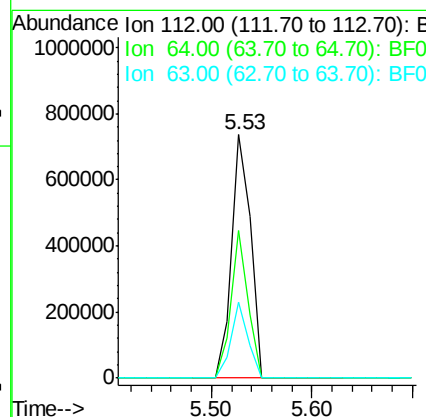
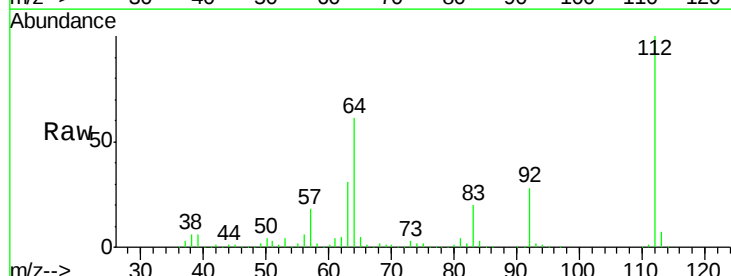
Instrument :
 BNA_F
 ClientSampled :
 K201-30-35

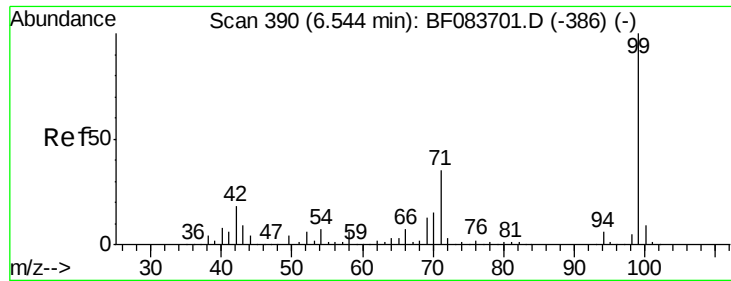
Tgt Ion:152 Resp: 128658
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.5 189.7
 115 64.2 52.3 78.5



#5
 2-Fluorophenol
 Concen: 115.45 ng
 RT: 5.53 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BF083719.D
 Acq: 12 Dec 2015 2:34

Tgt Ion:112 Resp: 964467
 Ion Ratio Lower Upper
 112 100
 64 60.6 50.5 75.7
 63 31.3 25.8 38.6





#7

Phenol-d6

Concen: 106.73 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

Instrument :

BNA_F

ClientSampleId :

K201-30-35

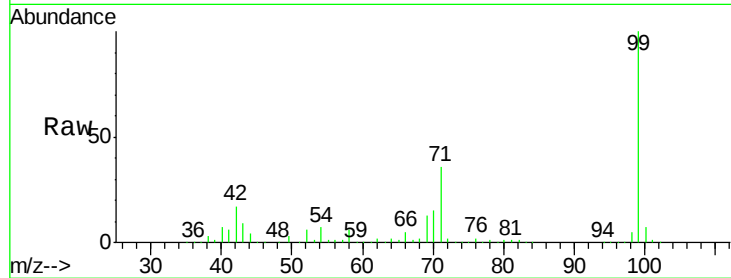
Tgt Ion: 99 Resp: 1101205

Ion Ratio Lower Upper

99 100

42 17.3 17.3 25.9

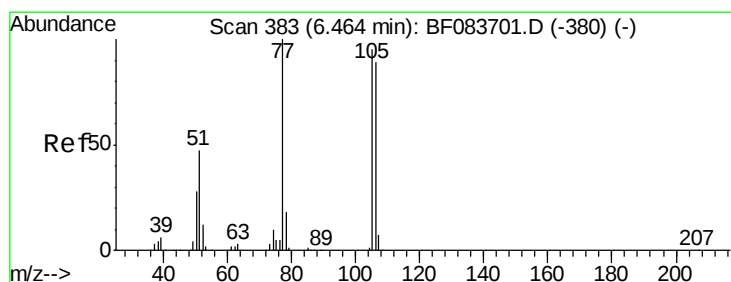
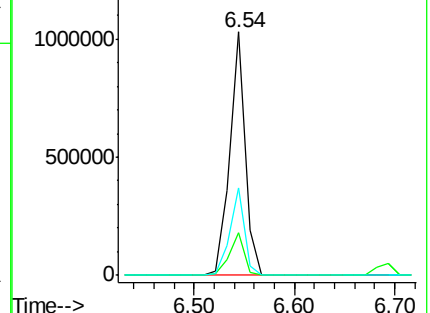
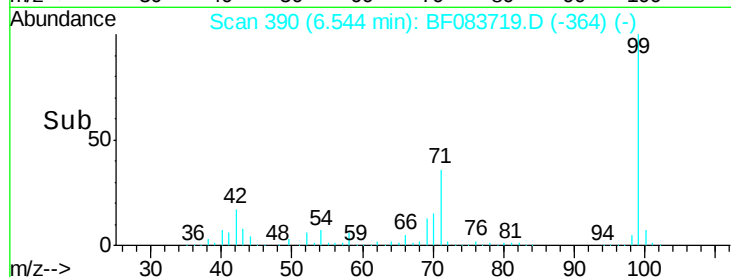
71 35.7 26.6 40.0



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: 4.06 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

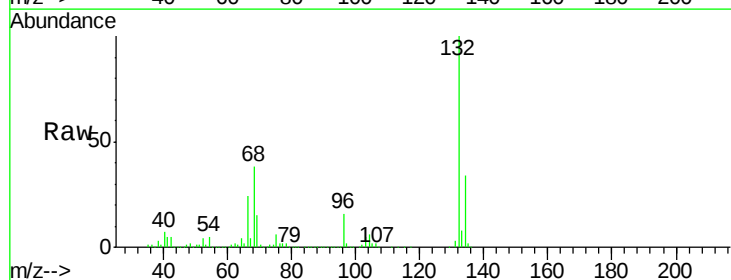
Tgt Ion: 77 Resp: 23077

Ion Ratio Lower Upper

77 100

105 85.0 71.8 111.8

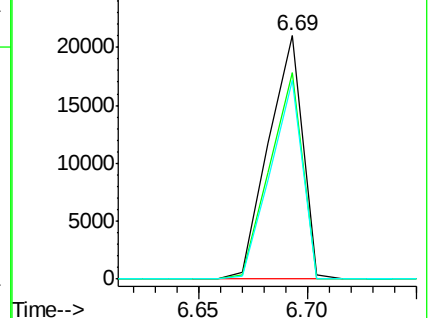
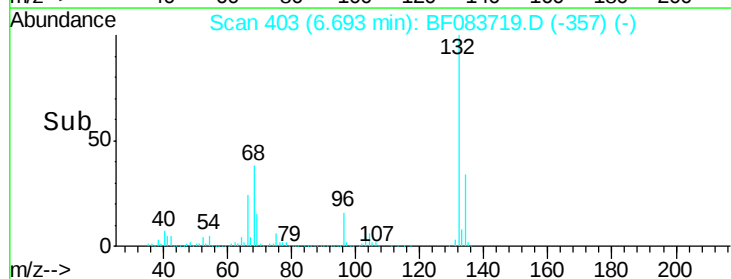
106 81.4 66.8 106.8

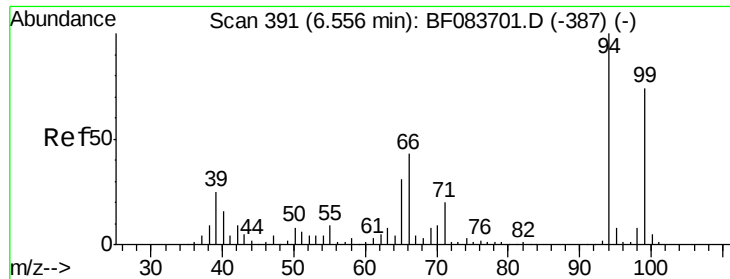


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.13 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

Instrument :

BNA_F

ClientSampleId :

K201-30-35

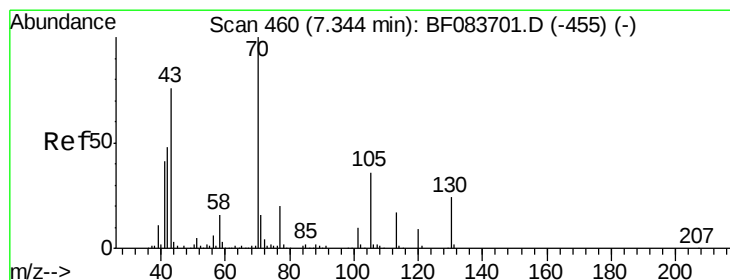
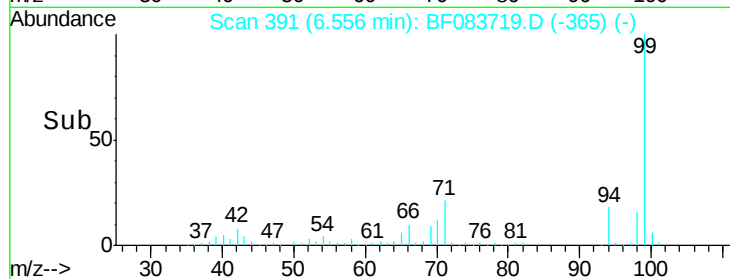
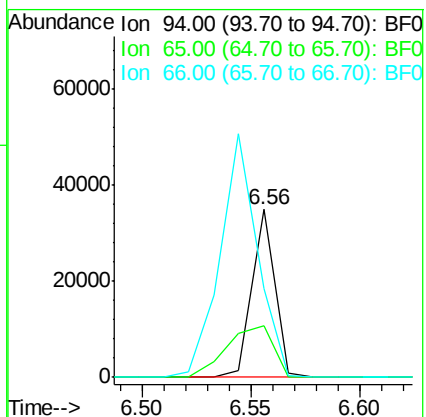
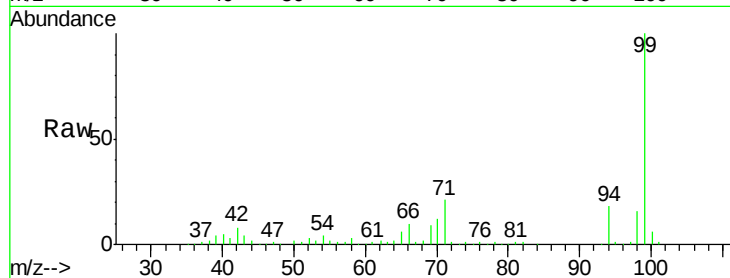
Tgt Ion: 94 Resp: 25578

Ion Ratio Lower Upper

94 100

65 31.1 20.9 60.9

66 52.7 41.6 81.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.38 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

Tgt Ion: 70 Resp: 98482

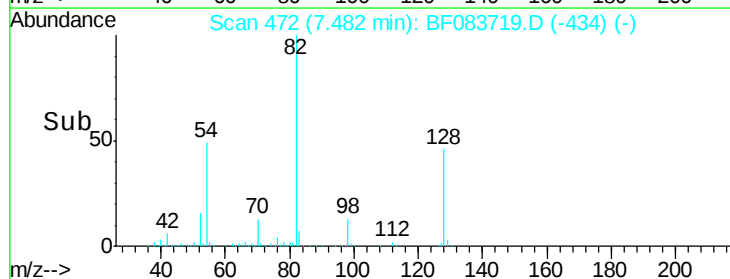
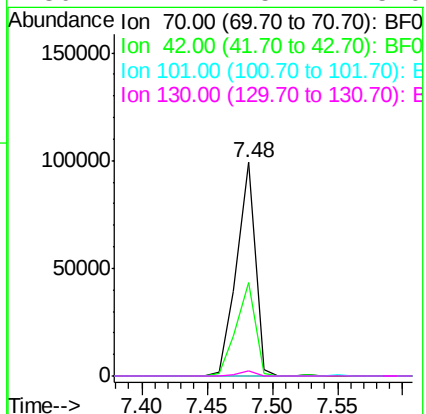
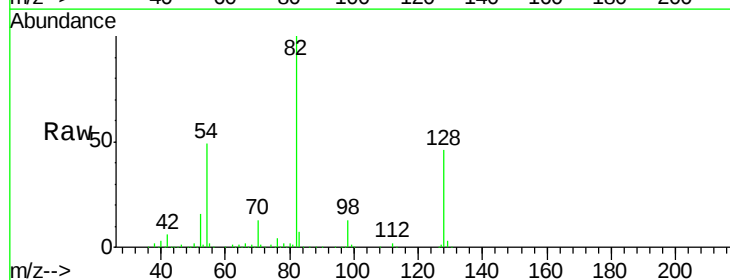
Ion Ratio Lower Upper

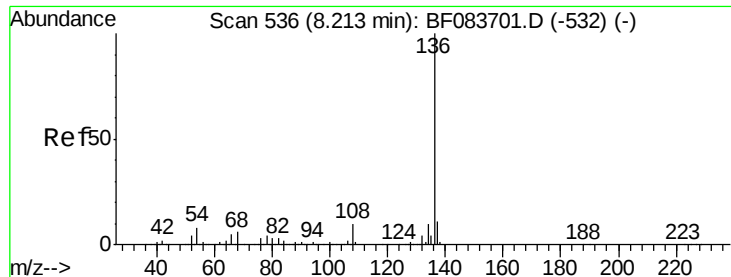
70 100

42 44.0 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: BF083719.D

Acq: 12 Dec 2015 2:34

Instrument :

BNA_F

ClientSampleId :

K201-30-35

Tgt Ion:136 Resp: 484765

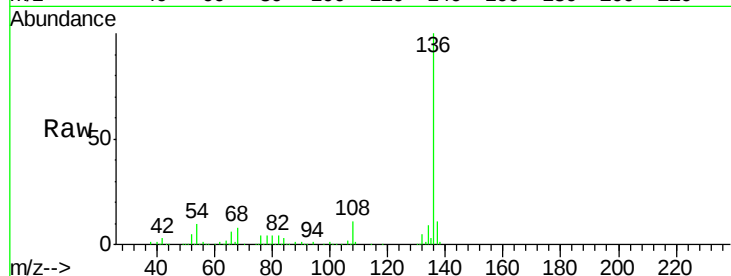
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.9 7.8 11.6

68 7.6 5.7 8.5

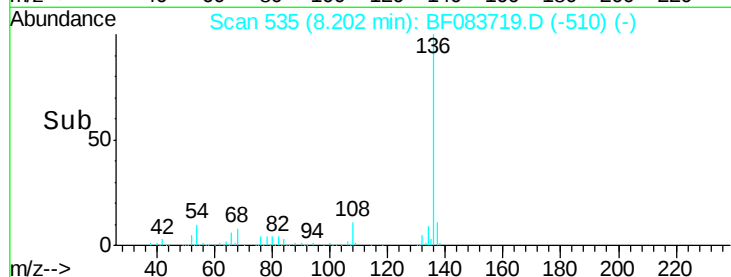


Abundance Ion 136.00 (135.70 to 136.70): E

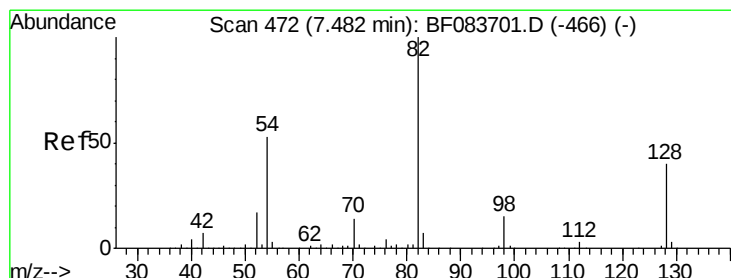
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 102.08 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

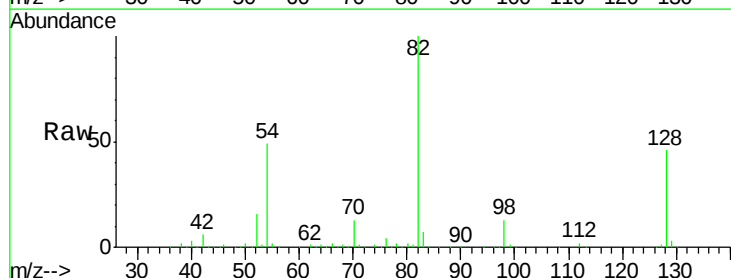
Tgt Ion: 82 Resp: 729650

Ion Ratio Lower Upper

82 100

128 45.8 30.7 46.1

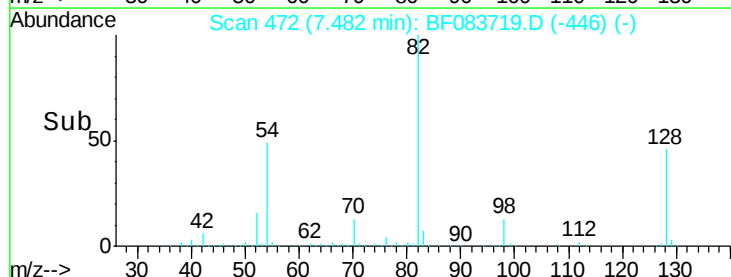
54 48.6 42.5 63.7



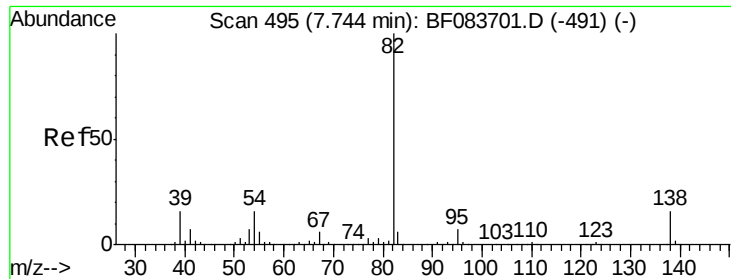
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 45.20 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

Instrument :

BNA_F

ClientSampleId :

K201-30-35

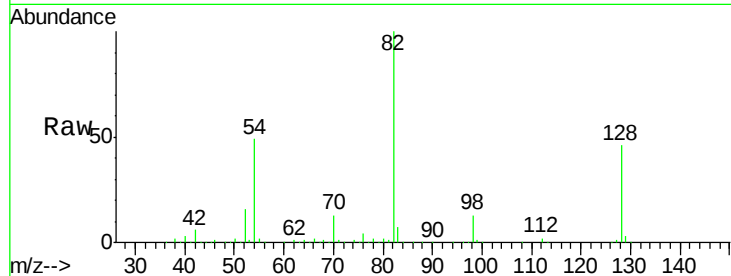
Tgt Ion: 82 Resp: 722121

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

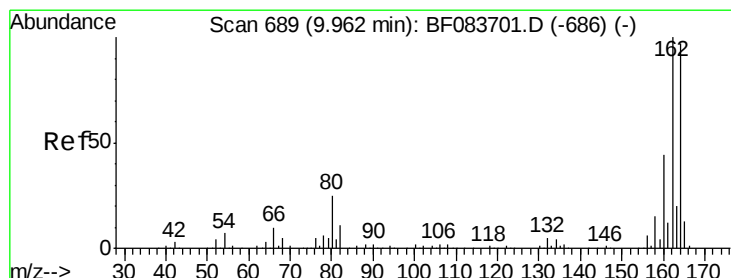
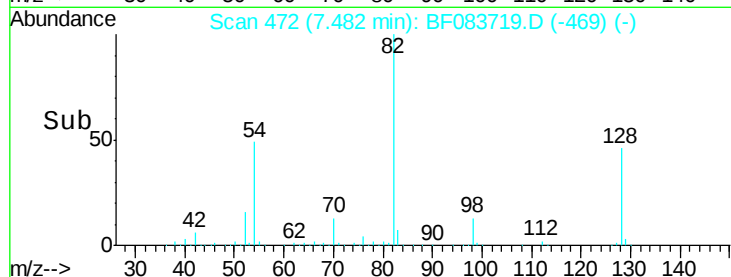
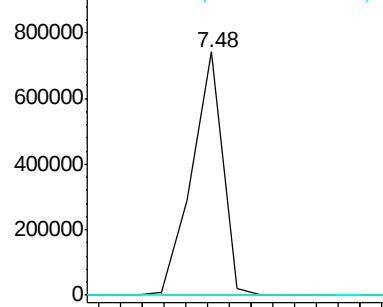
138 0.0 12.1 18.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

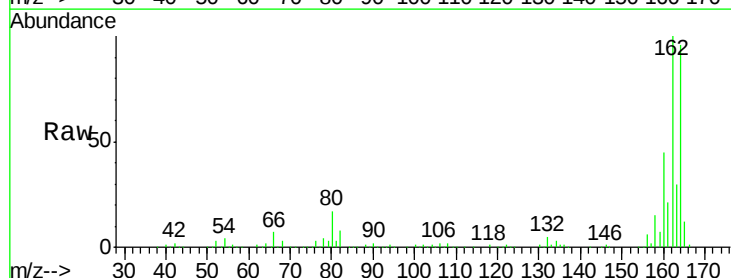
Tgt Ion: 164 Resp: 248509

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

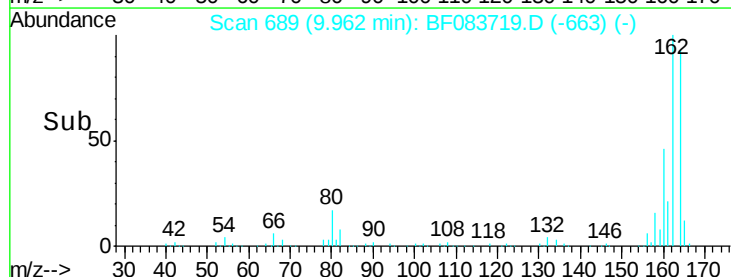
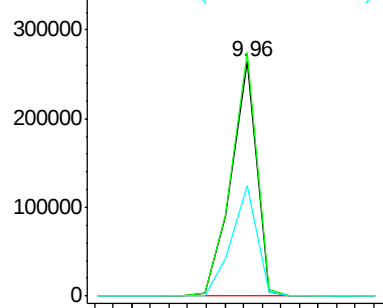
160 47.2 33.4 50.2

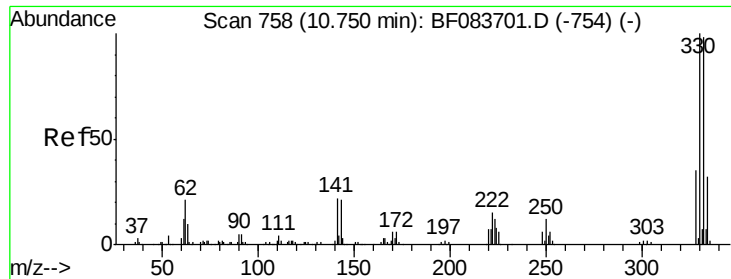


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

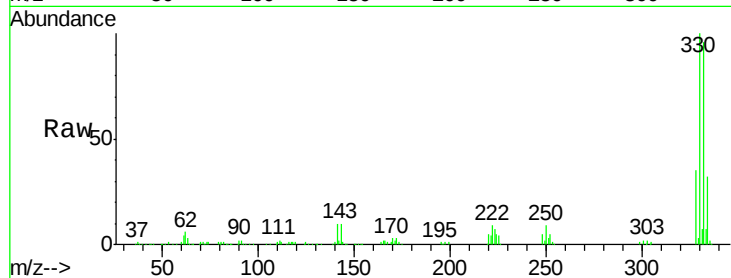




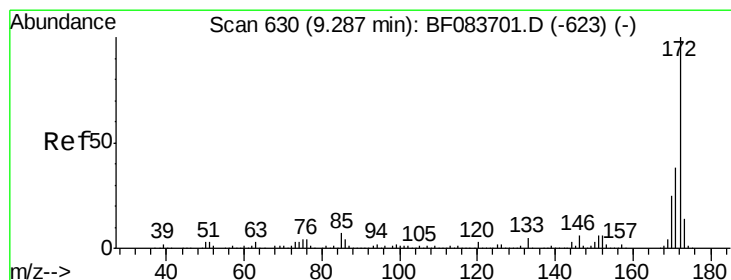
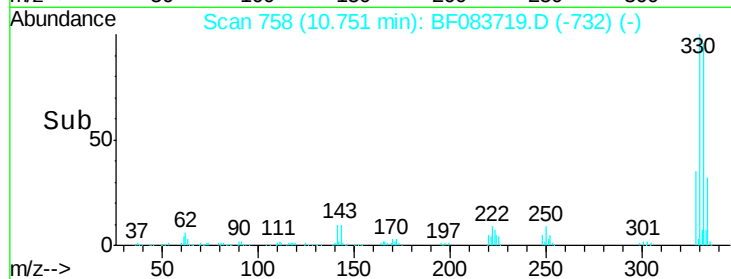
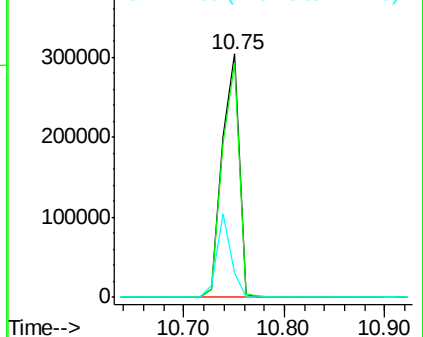
#41
 2,4,6-Tribromophenol
 Concen: 148.55 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083719.D
 Acq: 12 Dec 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 K201-30-35

Tgt Ion:330 Resp: 357347
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 28.9 0.0 0.0#

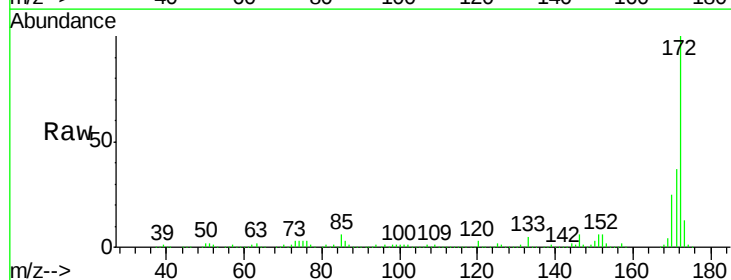


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

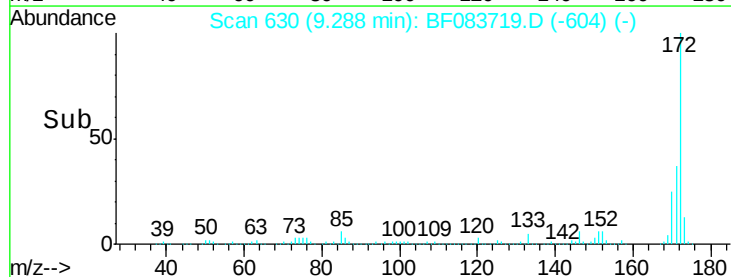
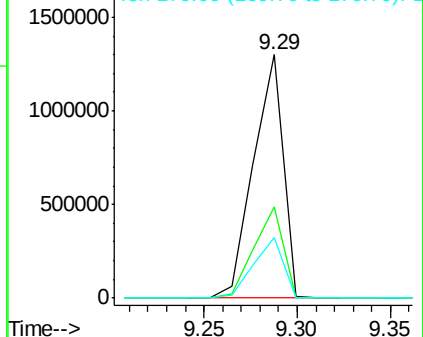


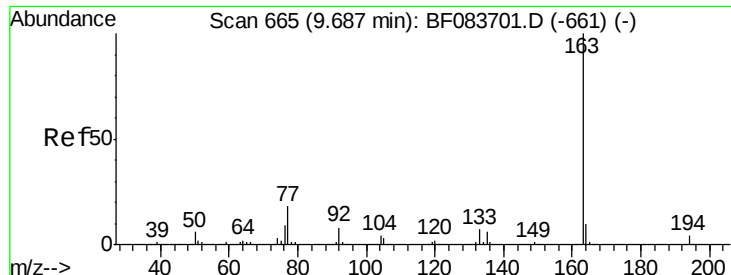
#44
 2-Fluorobiphenyl
 Concen: 84.53 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083719.D
 Acq: 12 Dec 2015 2:34

Tgt Ion:172 Resp: 1426230
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.6 42.8
 170 24.9 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: 13.41 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

Instrument :

BNA_F

ClientSampleId :

K201-30-35

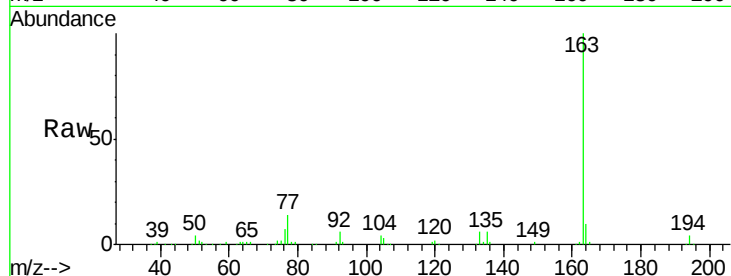
Tgt Ion:163 Resp: 256335

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

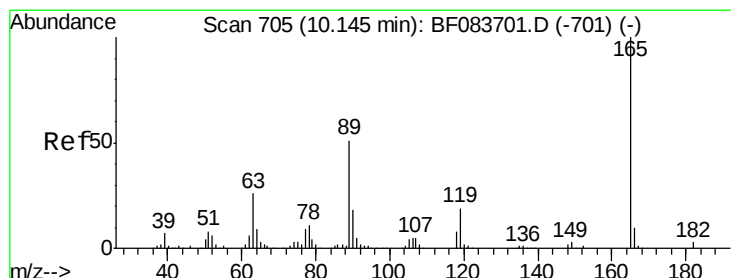
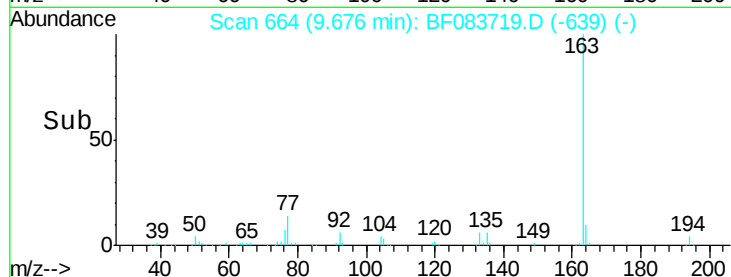
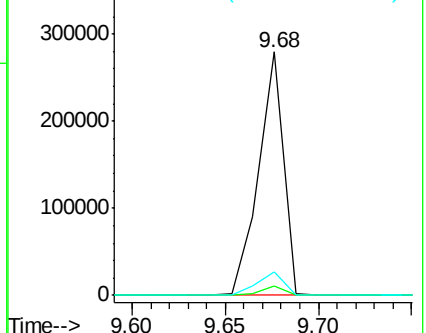
164 9.9 8.6 13.0



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: 6.81 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.18 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

Tgt Ion:165 Resp: 32170

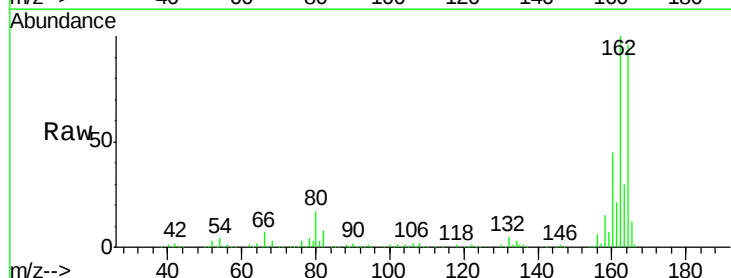
Ion Ratio Lower Upper

165 100

63 1.3 51.4 77.2#

89 1.7 72.6 108.8#

182 0.0 1.4 2.0#

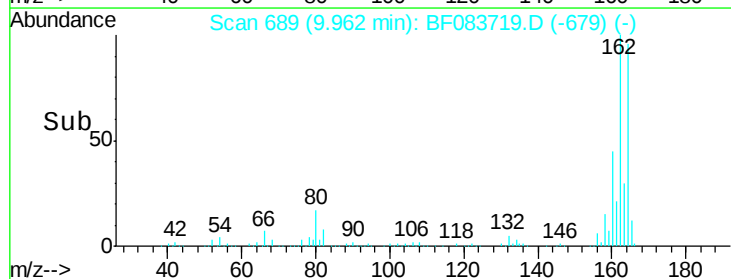
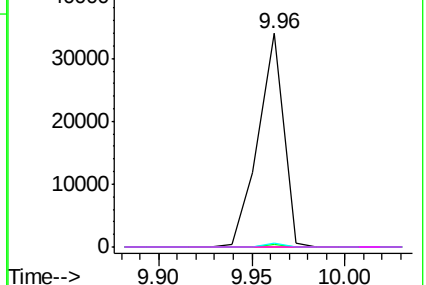


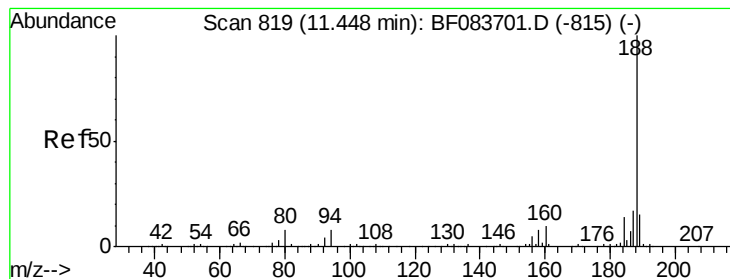
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083719.D

Acq: 12 Dec 2015 2:34

Instrument :

BNA_F

ClientSampleId :

K201-30-35

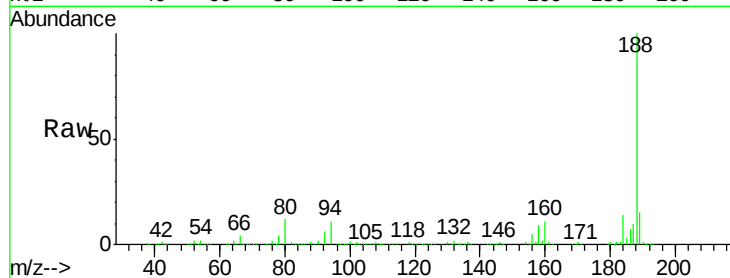
Tgt Ion:188 Resp: 450317

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

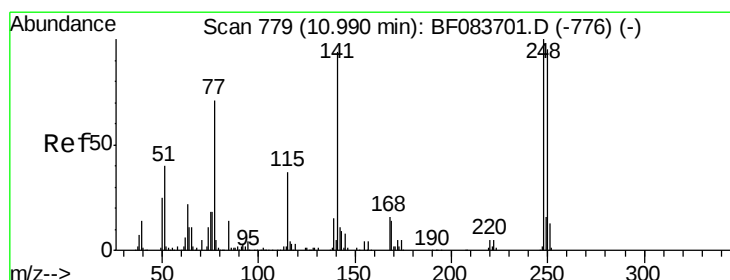
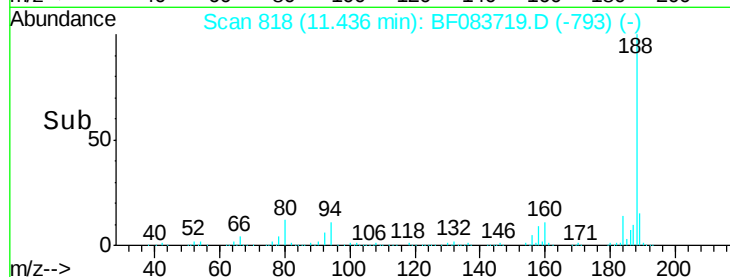
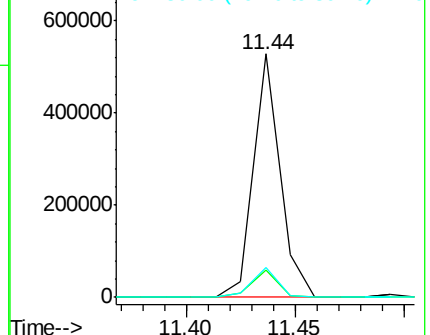
80 12.3 10.6 16.0



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: 4.61 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

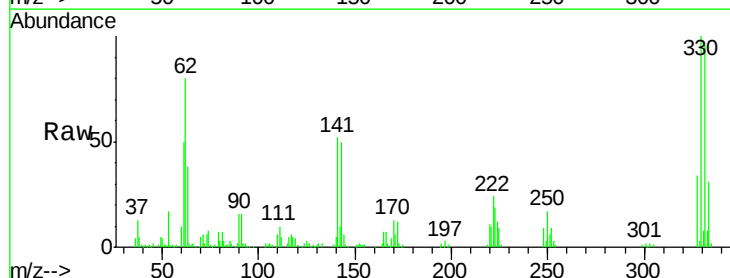
Tgt Ion:248 Resp: 22168

Ion Ratio Lower Upper

248 100

250 200.3 79.2 118.8#

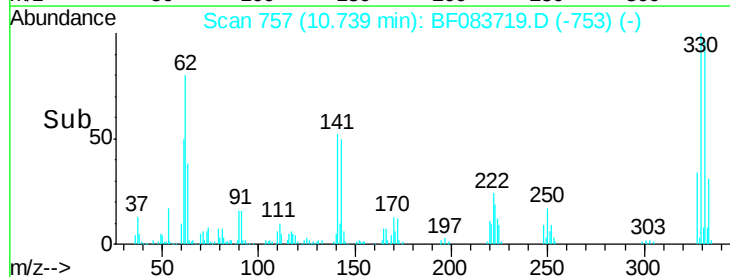
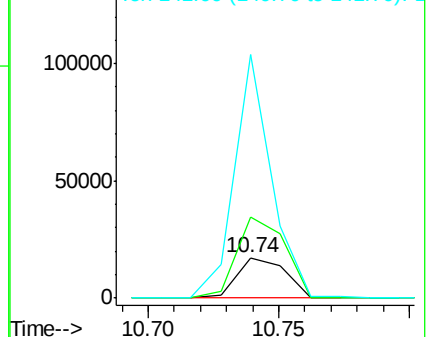
141 601.8 58.2 87.4#

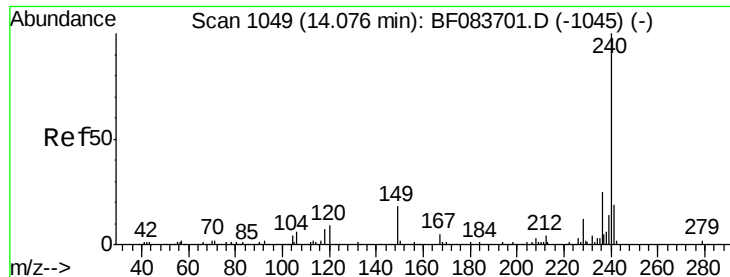


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

Instrument :

BNA_F

ClientSampleId :

K201-30-35

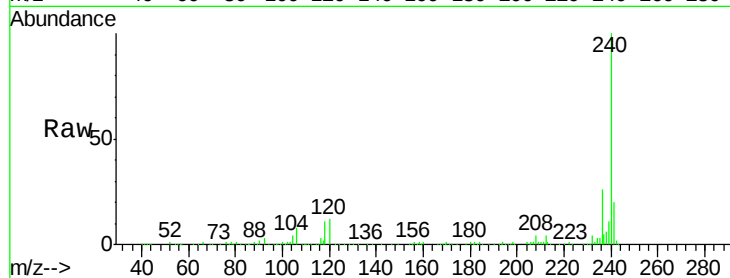
Tgt Ion:240 Resp: 379979

Ion Ratio Lower Upper

240 100

120 11.9 8.1 12.1

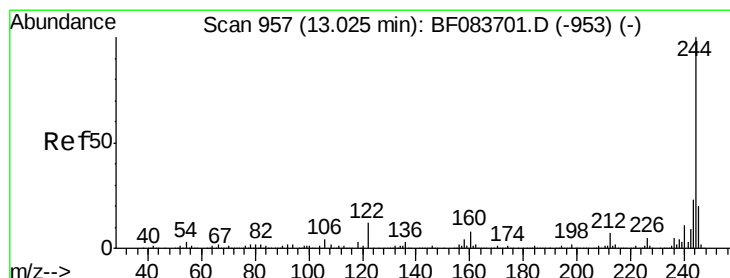
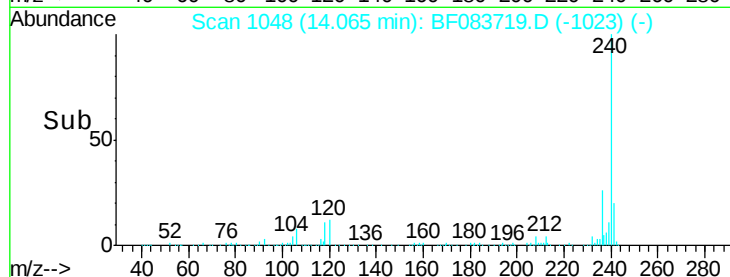
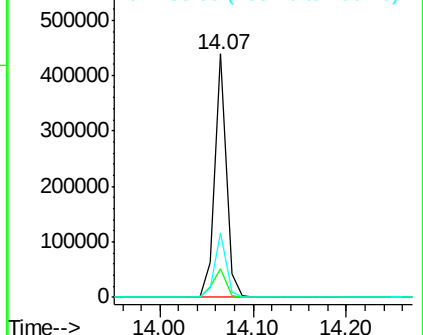
236 26.3 20.8 31.2



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: 77.81 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083719.D

Acq: 12 Dec 2015 2:34

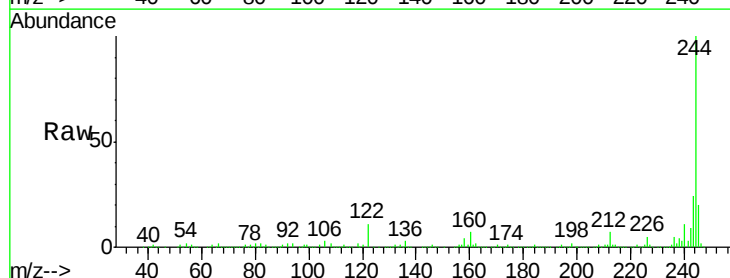
Tgt Ion:244 Resp: 1316615

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

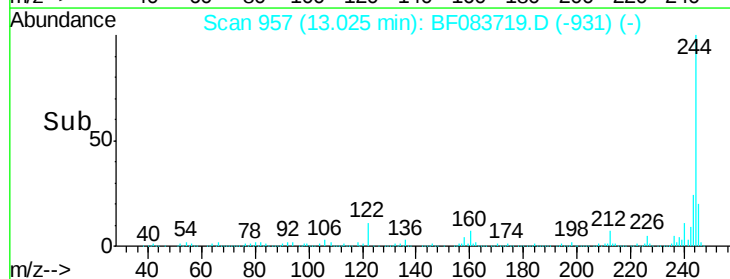
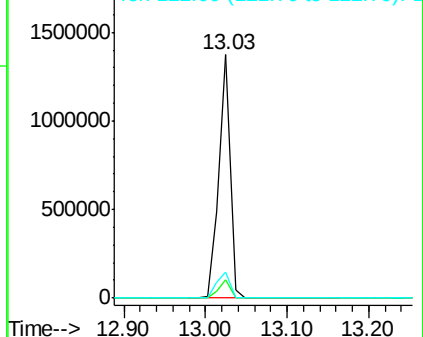
122 10.6 11.0 16.6#

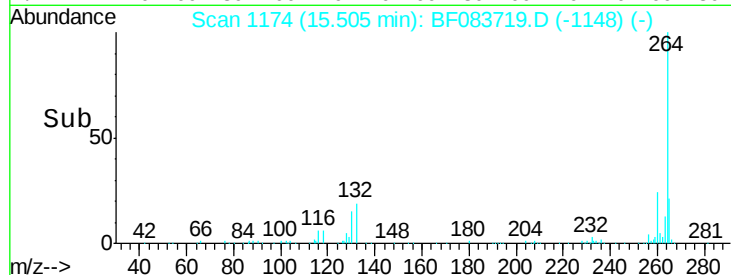
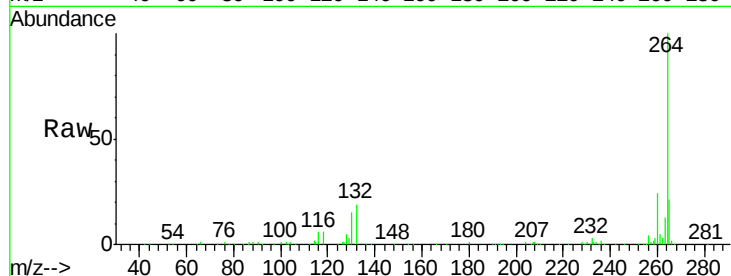
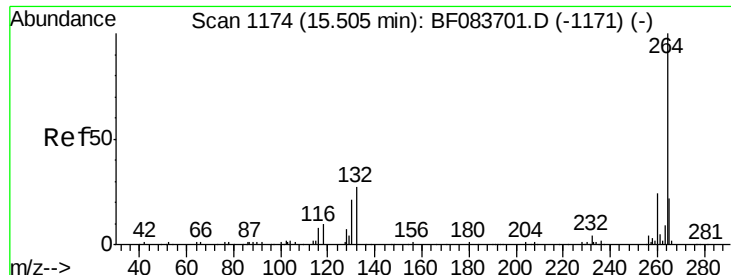


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083719.D
Acq: 12 Dec 2015 2:34

Instrument :
BNA_F
ClientSampleId :
K201-30-35

Tgt Ion:	264	Resp:	245535
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.0
265	21.5	17.8	26.6

