

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083845.D
 Acq On : 16 Dec 2015 13:50
 Operator : UM/SJ
 Sample : G4680-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K202-(18-19)

Quant Time: Dec 17 03:21:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

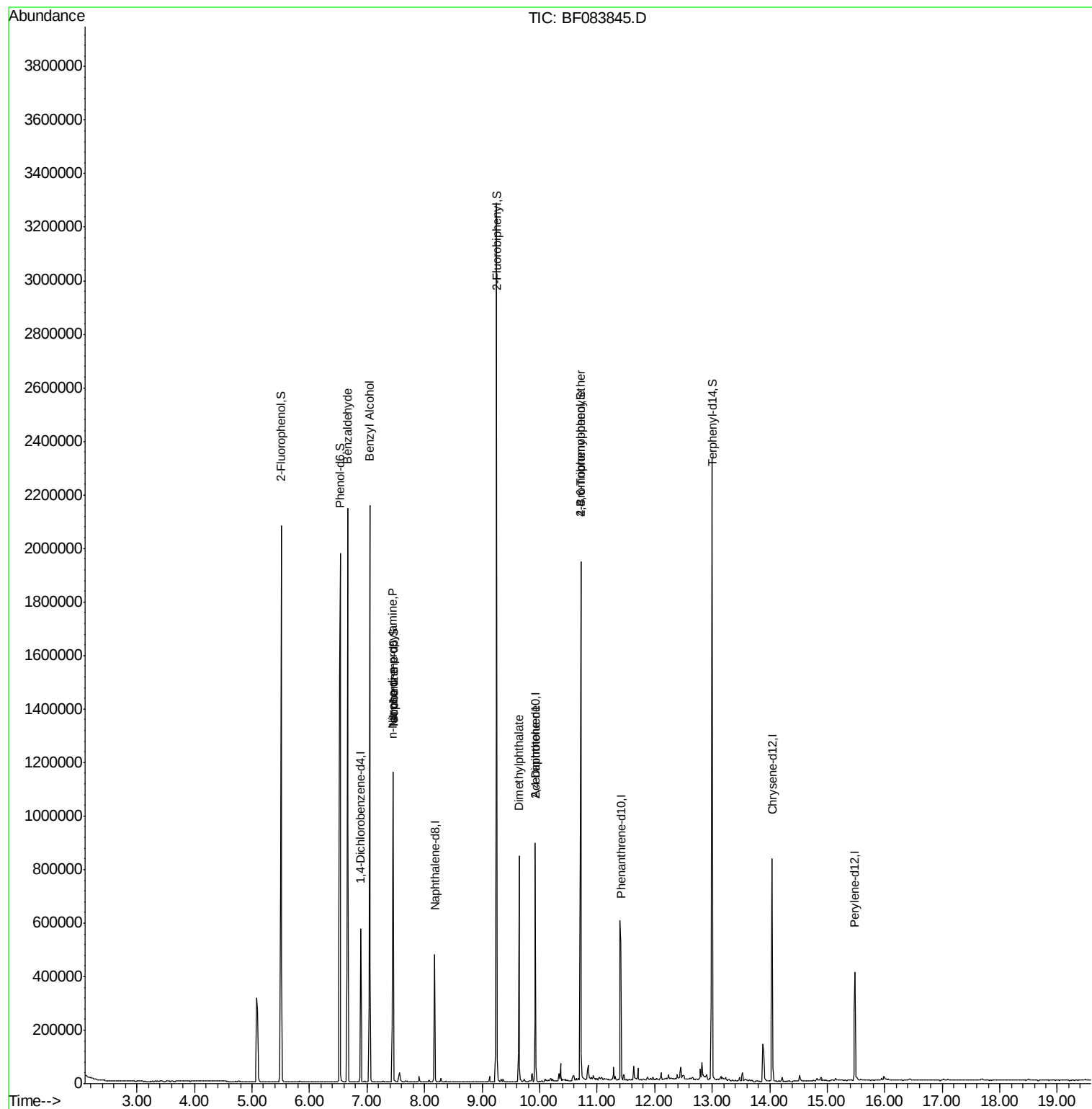
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	86875	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	340333	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	174605	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	309565	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	275324	20.00	ng	-0.03
86) Perylene-d12	15.48	264	195814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	679565	126.19	ng	-0.02
7) Phenol-d6	6.53	99	1014667	148.79	ng	-0.01
23) Nitrobenzene-d5	7.46	82	601567	98.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	253436	142.44	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1093523	95.34	ng	-0.03
78) Terphenyl-d14	13.00	244	1103779	86.24	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	15684	4.28	ng	97
15) Benzyl Alcohol	7.05	79	10330	2.06	ng	# 51
19) n-Nitroso-di-n-propylamine	7.45	70	78759	18.86	ng	# 72
25) Isophorone	7.46	82	548918	45.99	ng	# 69
49) Dimethylphthalate	9.64	163	318186	23.37	ng	99
56) 2,4-Dinitrotoluene	9.93	165	22222	5.89	ng	# 12
66) 4-Bromophenyl-phenylether	10.72	248	18545	5.36	ng	# 1

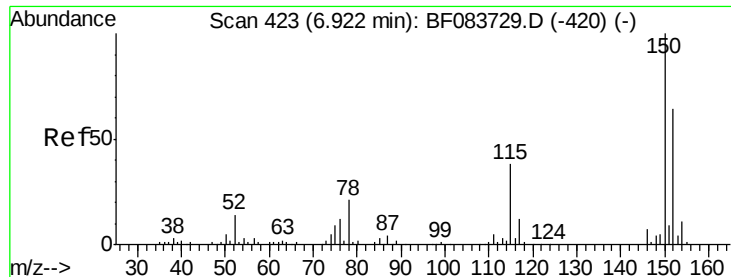
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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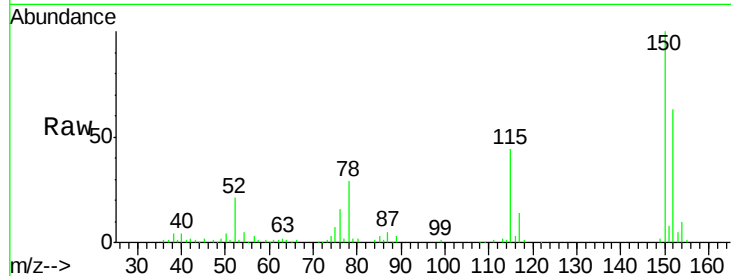


#1

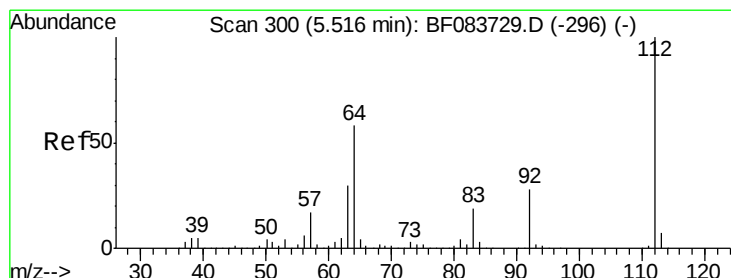
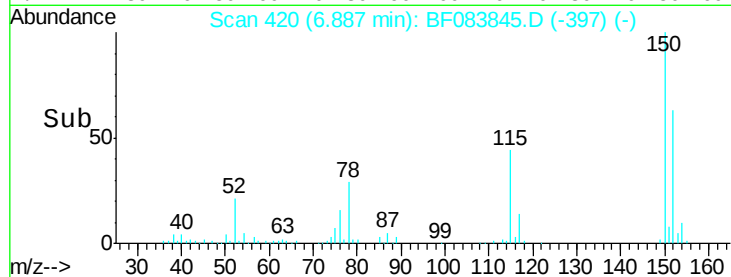
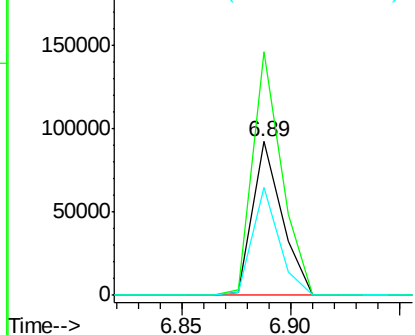
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF083845.D
Acq: 16 Dec 2015 13:50

Instrument :
BNA_F
ClientSampleId :
K202-(18-19)

Tgt Ion:152 Resp: 86875
Ion Ratio Lower Upper
152 100
150 158.2 126.5 189.7
115 70.2 52.3 78.5



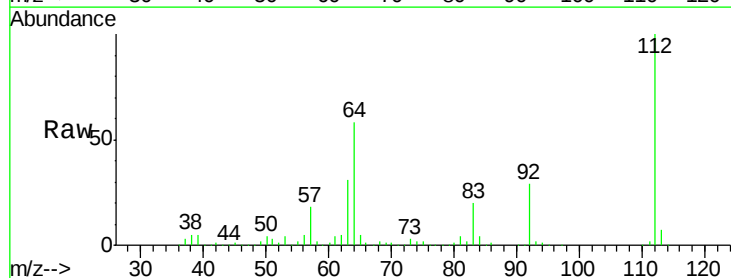
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



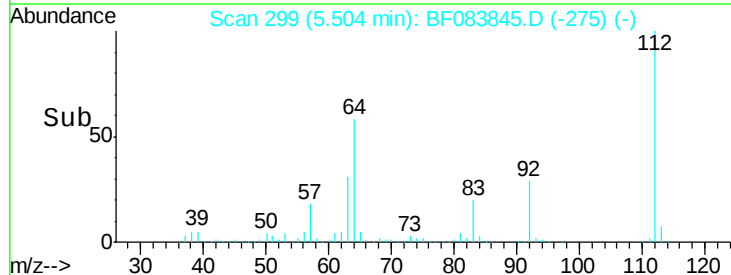
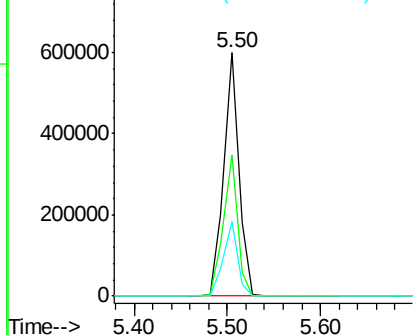
#5

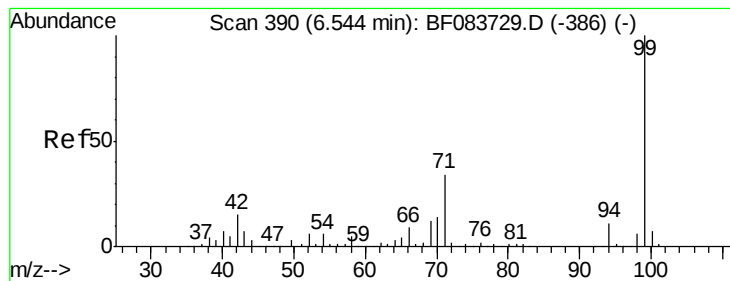
2-Fluorophenol
Concen: 126.19 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083845.D
Acq: 16 Dec 2015 13:50

Tgt Ion:112 Resp: 679565
Ion Ratio Lower Upper
112 100
64 58.1 50.5 75.7
63 30.7 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: 148.79 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

K202-(18-19)

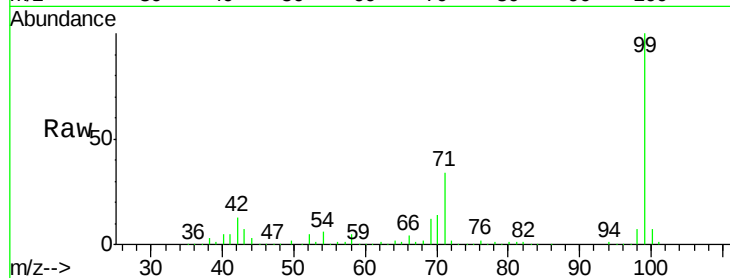
Tgt Ion: 99 Resp: 1014667

Ion Ratio Lower Upper

99 100

42 13.4 17.3 25.9#

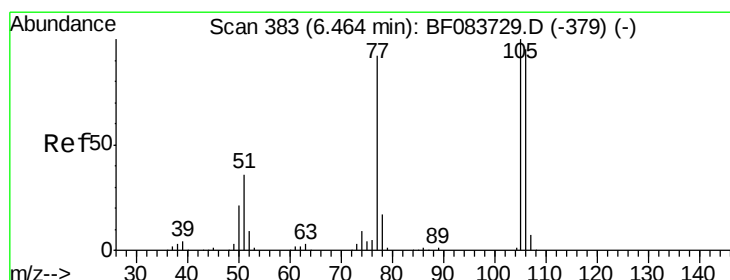
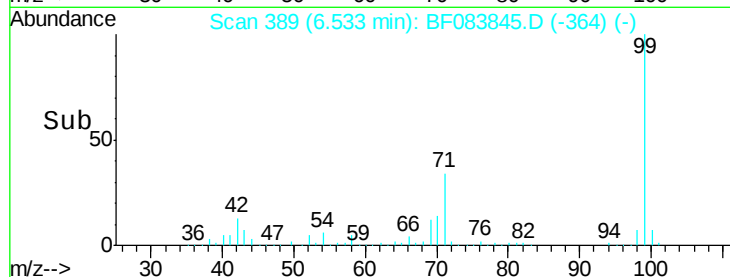
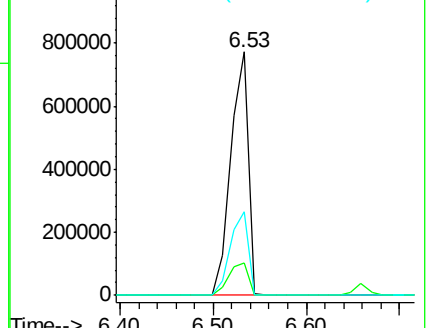
71 34.4 26.6 40.0



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: 4.28 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

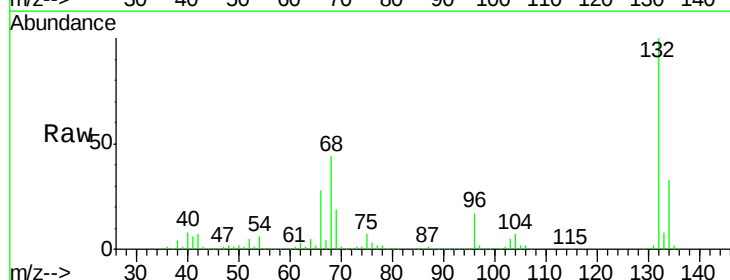
Tgt Ion: 77 Resp: 15684

Ion Ratio Lower Upper

77 100

105 86.4 71.8 111.8

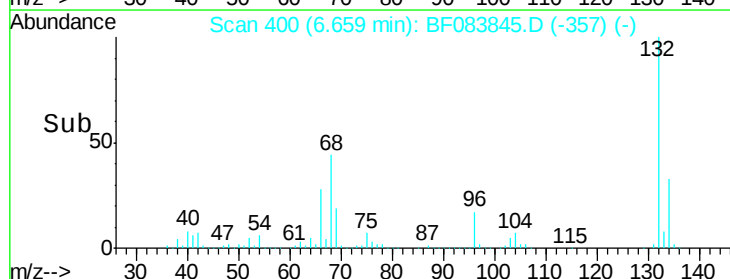
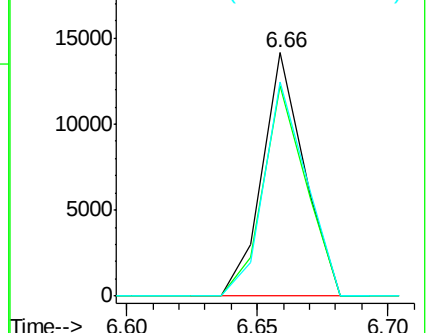
106 87.7 66.8 106.8

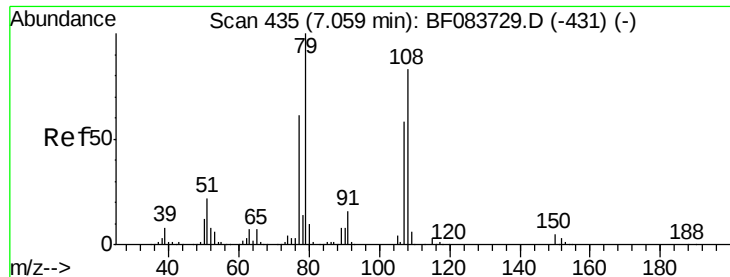


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

K202-(18-19)

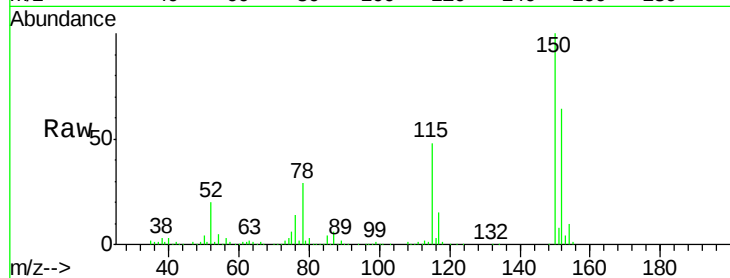
Tgt Ion: 79 Resp: 10330

Ion Ratio Lower Upper

79 100

108 29.6 59.6 89.4#

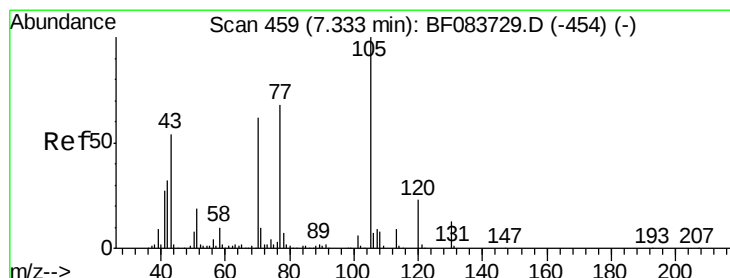
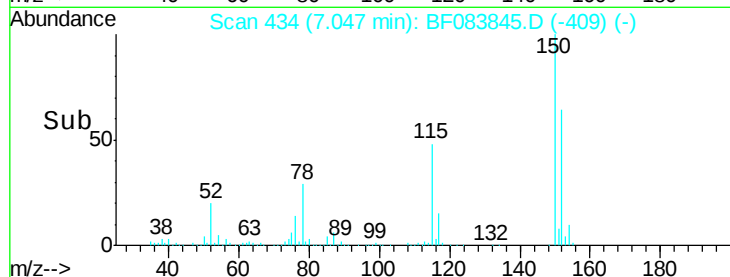
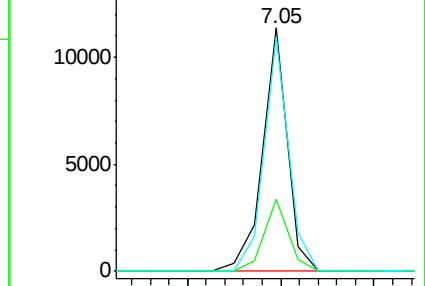
77 96.2 49.8 74.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.86 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.10 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

Tgt Ion: 70 Resp: 78759

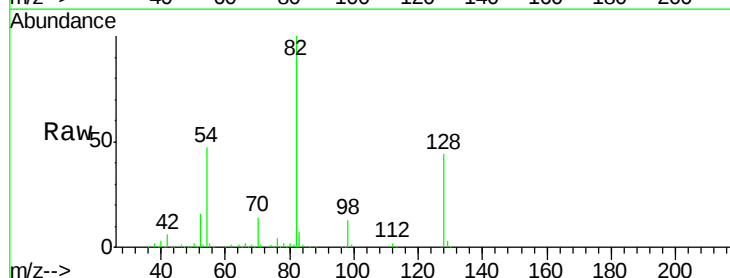
Ion Ratio Lower Upper

70 100

42 41.6 49.2 73.8#

101 0.0 7.1 10.7#

130 2.3 15.4 23.0#

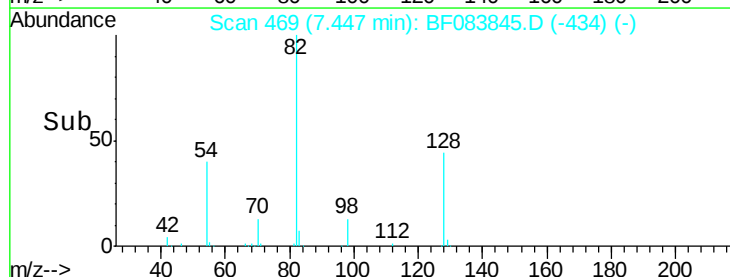
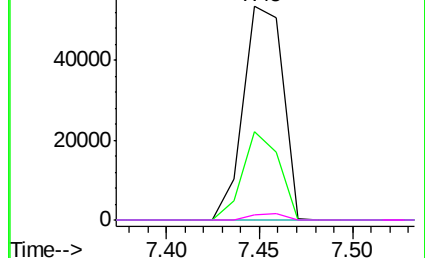


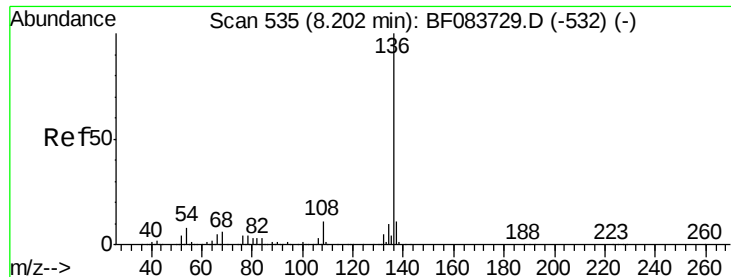
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

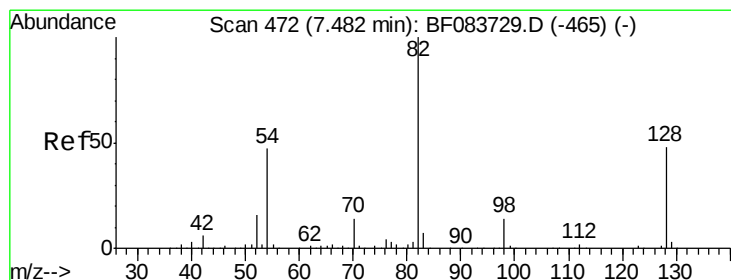
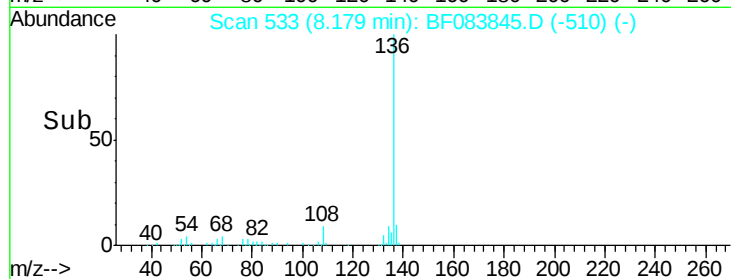
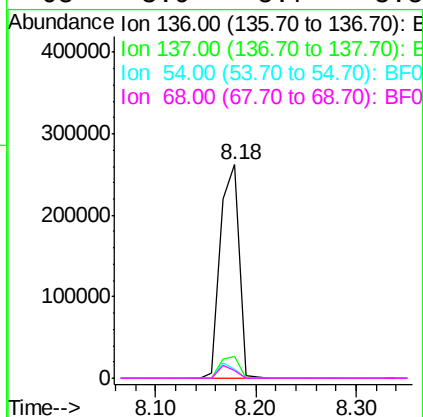
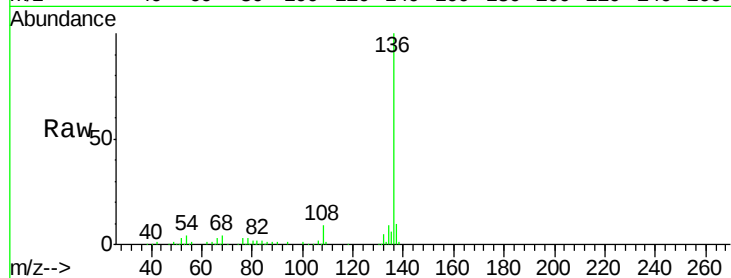




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083845.D
Acq: 16 Dec 2015 13:50

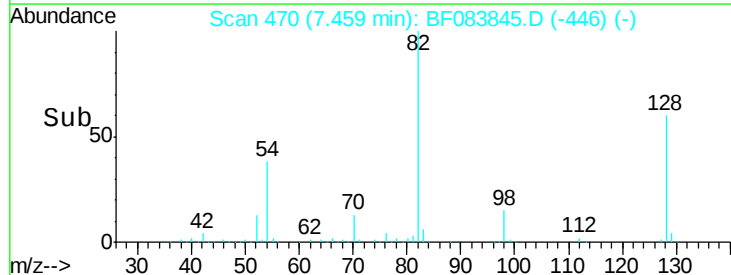
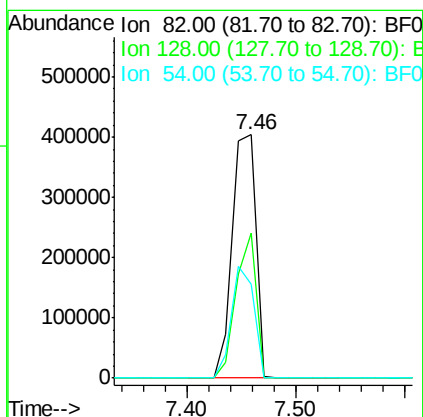
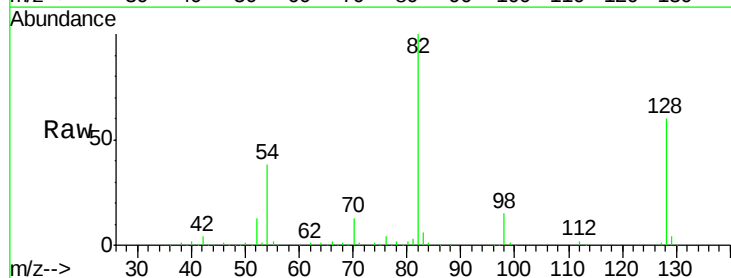
Instrument :
BNA_F
ClientSampleId :
K202-(18-19)

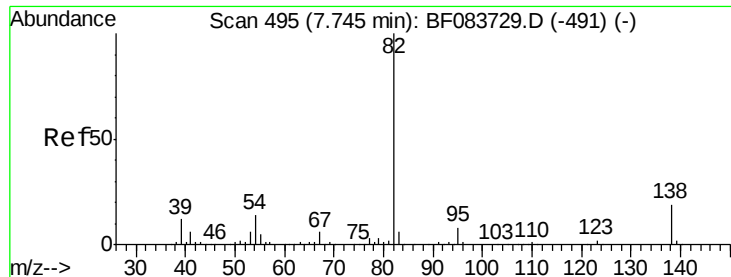
Tgt Ion:	136	Resp:	340333
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	4.3	7.8	11.6#
68	3.9	5.7	8.5#



#23
Nitrobenzene-d5
Concen: 98.89 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083845.D
Acq: 16 Dec 2015 13:50

Tgt Ion:	82	Resp:	601567
Ion	Ratio	Lower	Upper
82	100		
128	59.6	30.7	46.1#
54	38.3	42.5	63.7#





#25

Isophorone

Concen: 45.99 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

K202-(18-19)

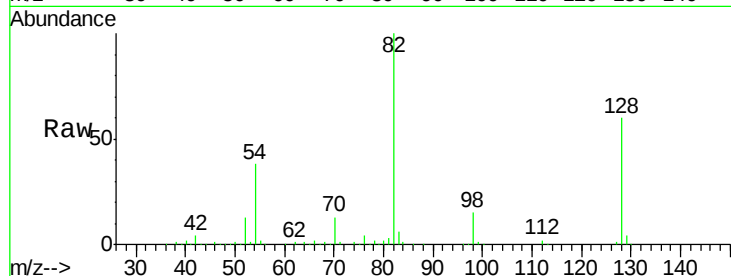
Tgt Ion: 82 Resp: 548918

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

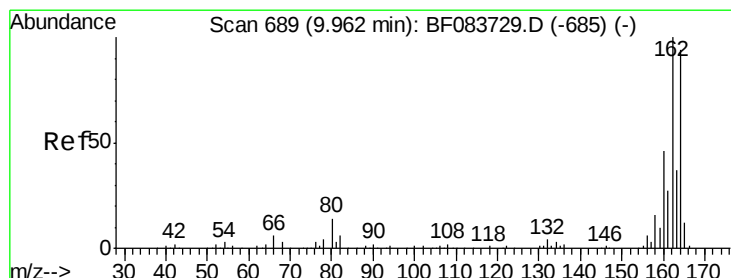
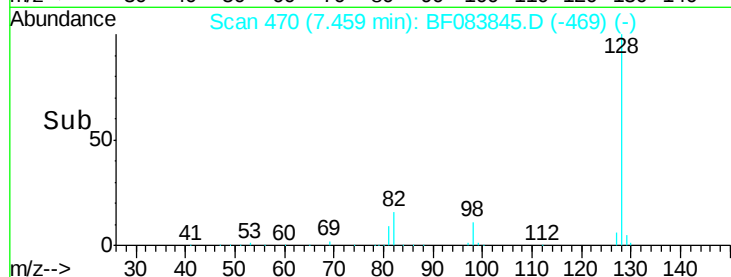
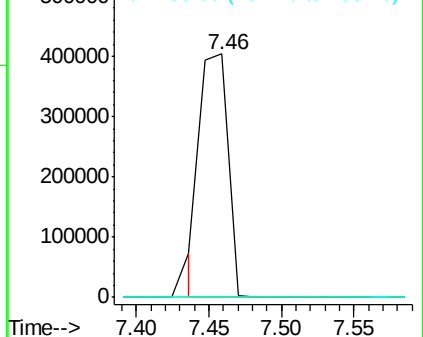
138 0.0 12.1 18.1#



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: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

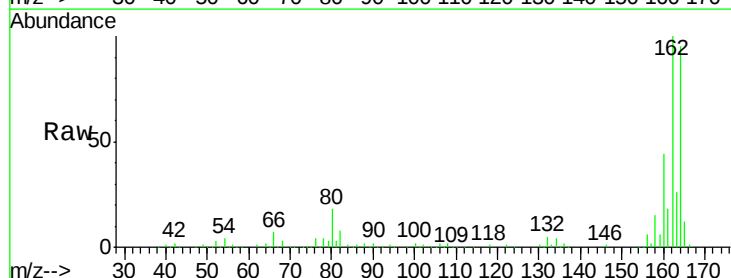
Tgt Ion: 164 Resp: 174605

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

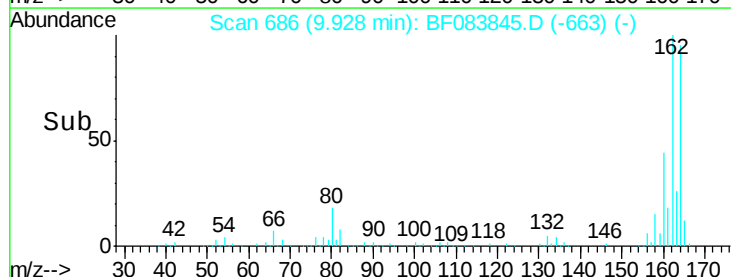
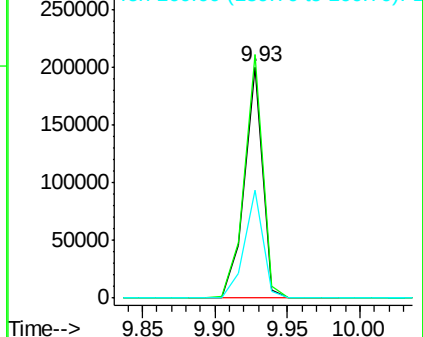
160 46.4 33.4 50.2

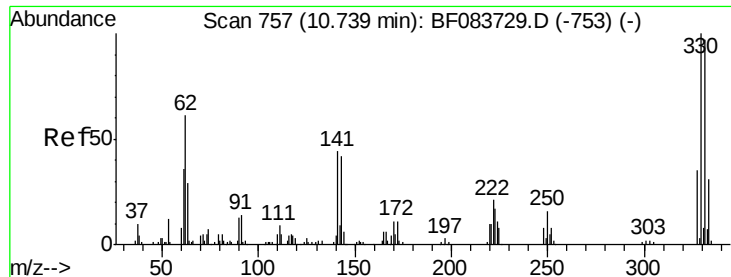


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

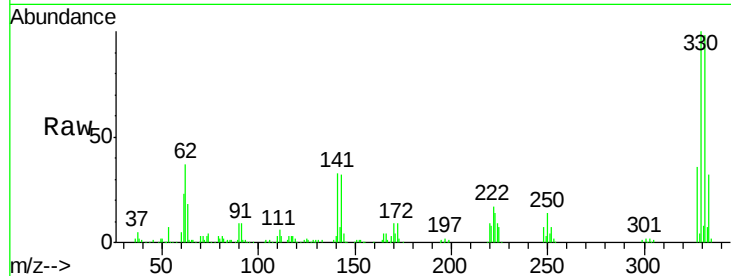




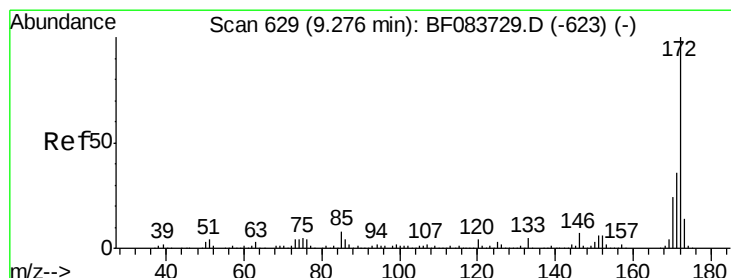
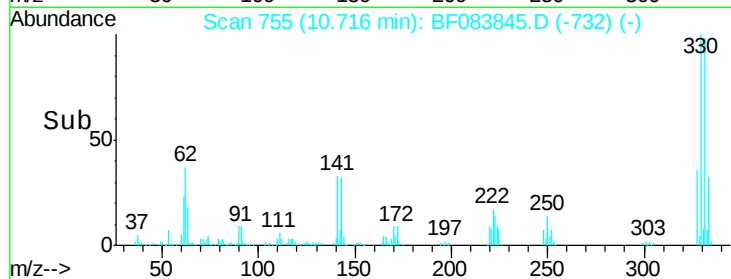
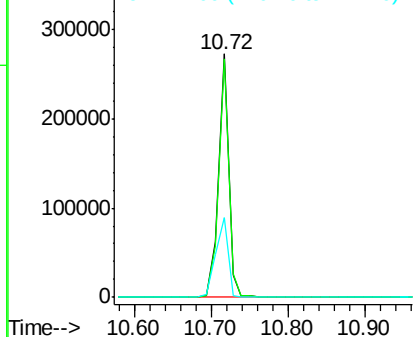
#41
 2,4,6-Tribromophenol
 Concen: 142.44 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083845.D
 Acq: 16 Dec 2015 13:50

Instrument :
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Tgt Ion:330 Resp: 253436
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 38.8 0.0 0.0#

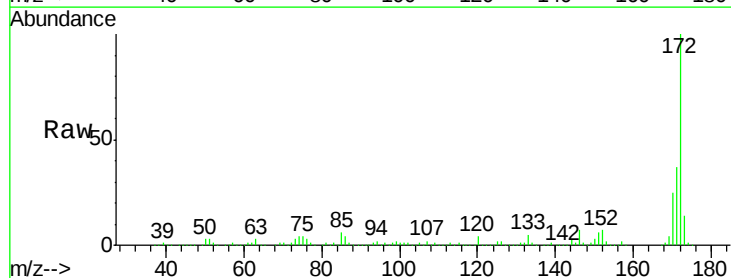


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

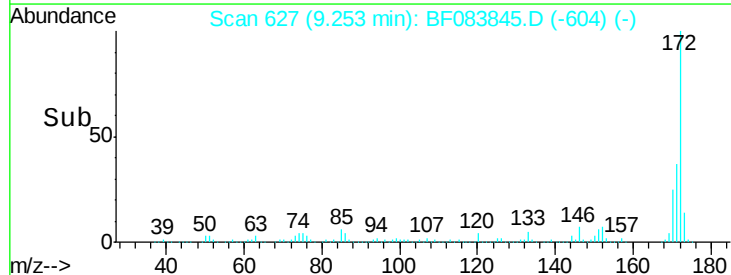
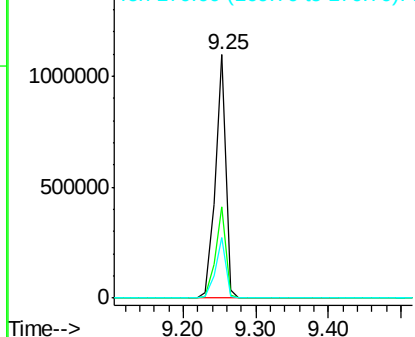


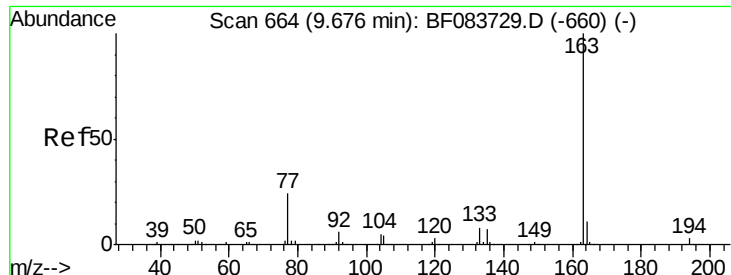
#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083845.D
 Acq: 16 Dec 2015 13:50

Tgt Ion:172 Resp: 1093523
 Ion Ratio Lower Upper
 172 100
 171 37.2 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: 23.37 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

K202-(18-19)

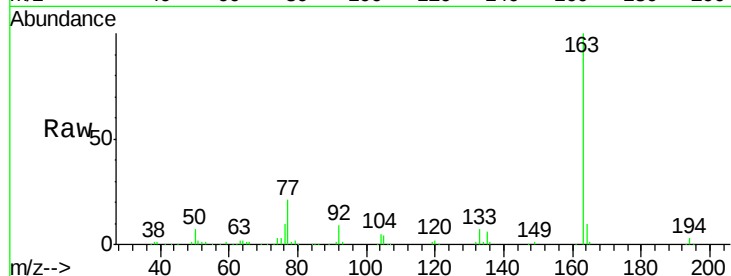
Tgt Ion:163 Resp: 318186

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

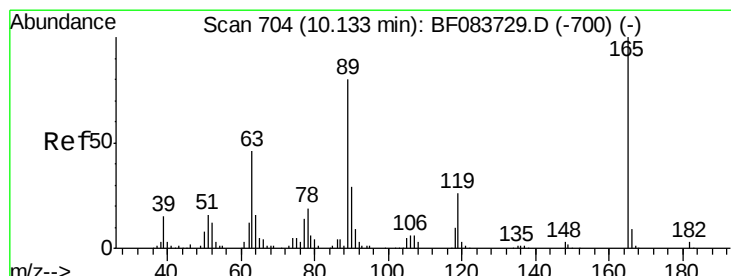
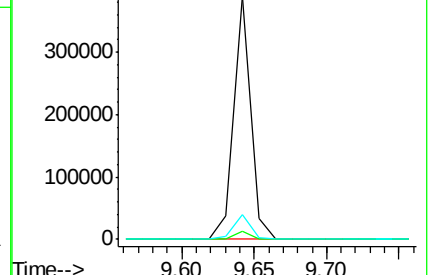
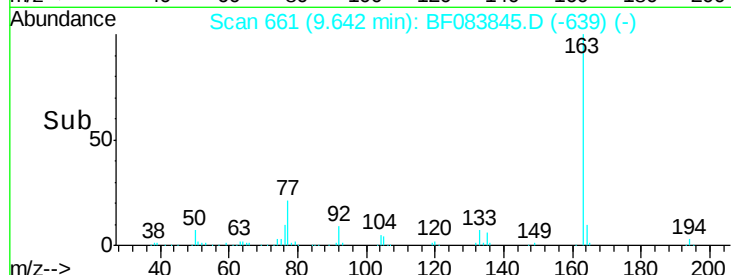
164 10.4 8.6 13.0



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: 5.89 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.22 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

Tgt Ion:165 Resp: 22222

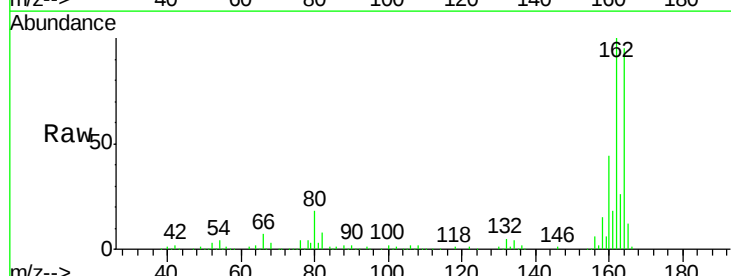
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.2#

89 1.6 72.6 108.8#

182 0.0 1.4 2.0#

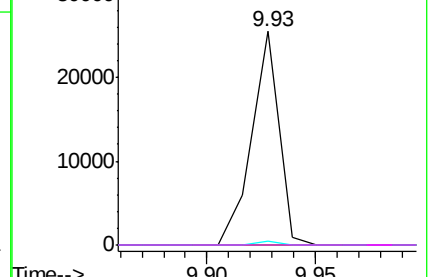
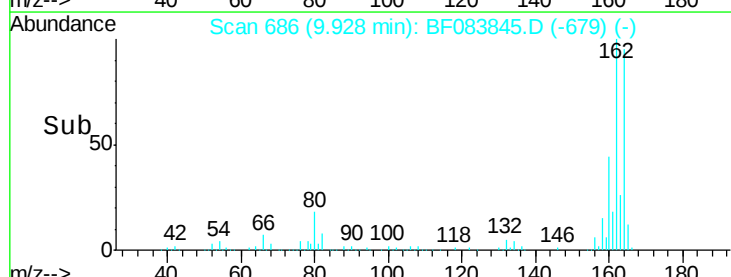


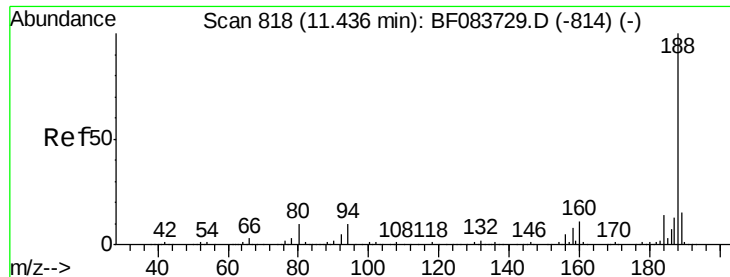
Abundance Ion 165.00 (164.70 to 165.70): E

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

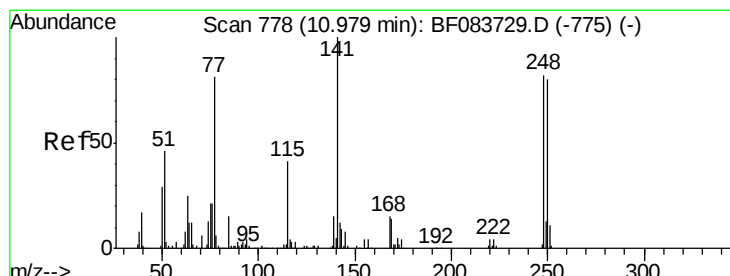
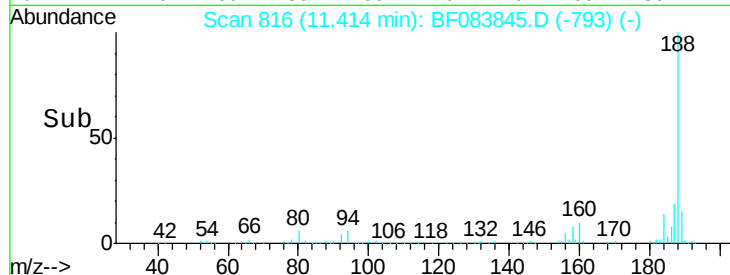
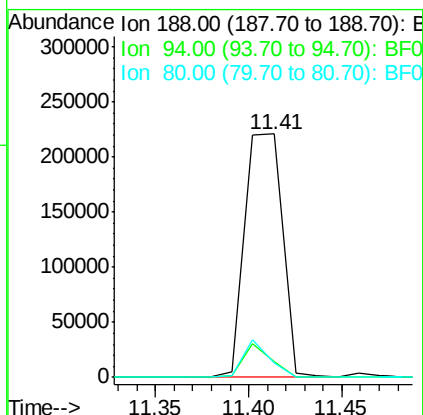
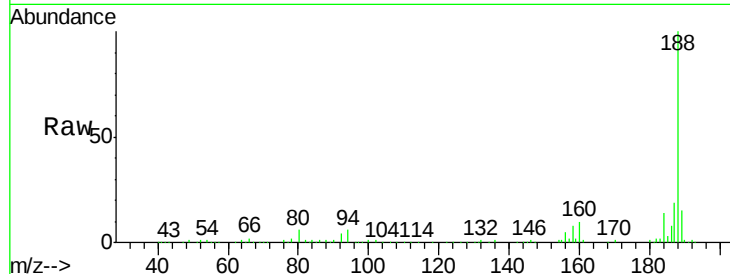




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083845.D
Acq: 16 Dec 2015 13:50

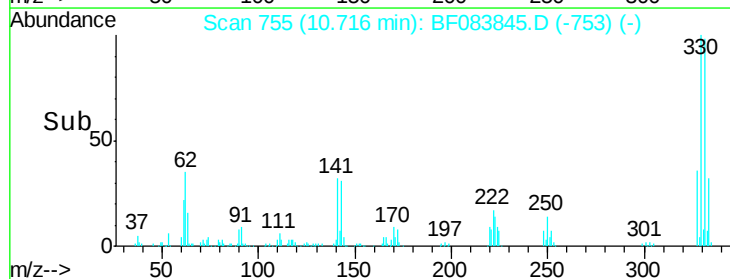
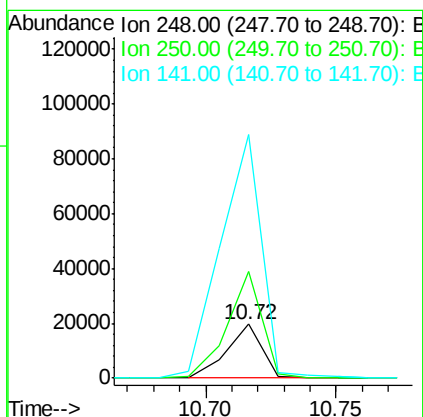
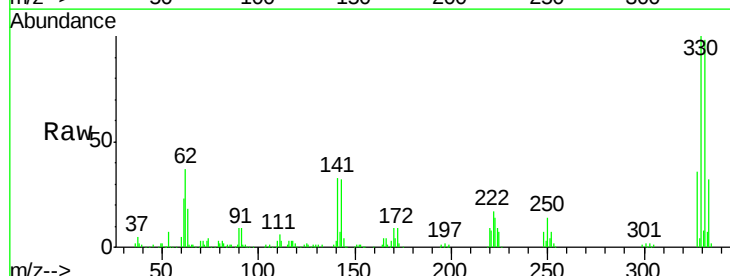
Instrument :
BNA_F
ClientSampleId :
K202-(18-19)

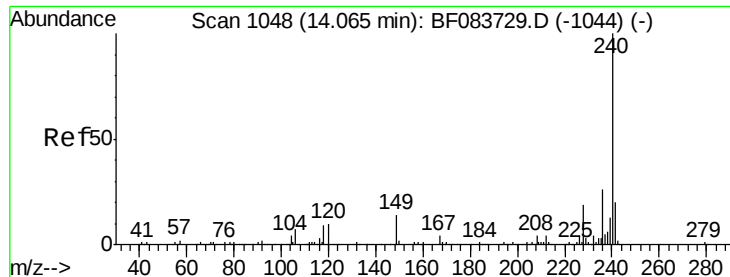
Tgt Ion:188 Resp: 309565
Ion Ratio Lower Upper
188 100
94 6.3 9.4 14.2#
80 6.0 10.6 16.0#



#66
4-Bromophenyl-phenylether
Concen: 5.36 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF083845.D
Acq: 16 Dec 2015 13:50

Tgt Ion:248 Resp: 18545
Ion Ratio Lower Upper
248 100
250 197.6 79.2 118.8#
141 451.8 58.2 87.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

K202-(18-19)

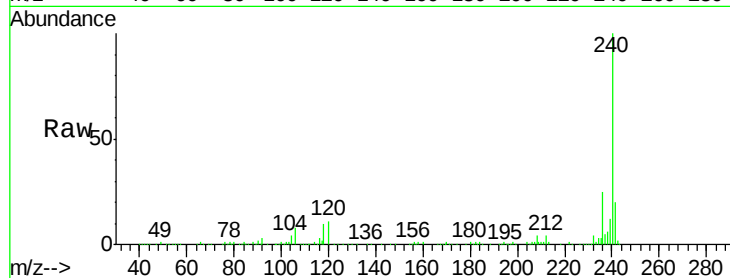
Tgt Ion:240 Resp: 275324

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

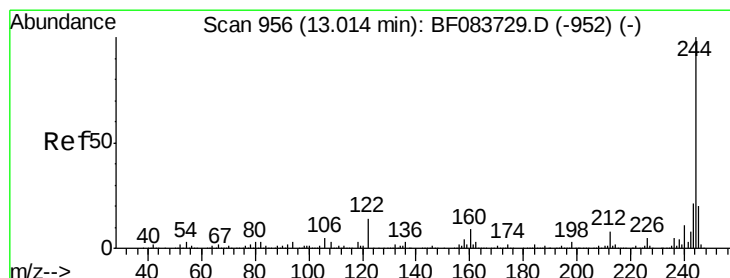
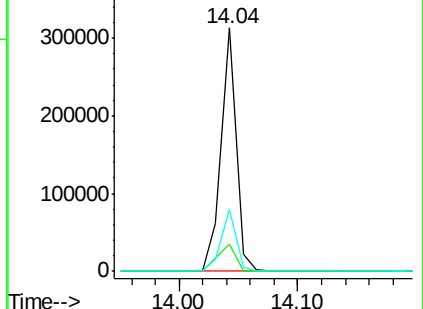
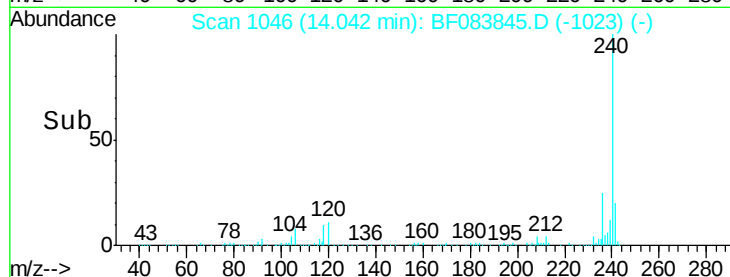
236 25.5 20.8 31.2



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: 86.24 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

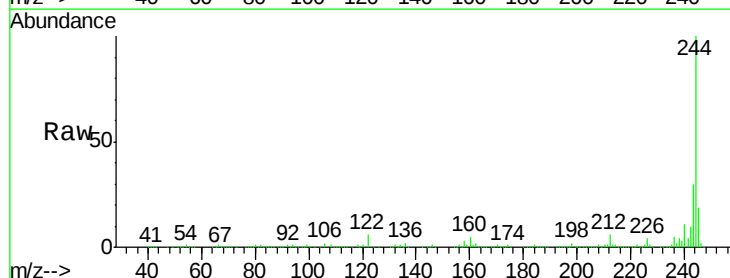
Tgt Ion:244 Resp: 1103779

Ion Ratio Lower Upper

244 100

212 6.3 6.1 9.1

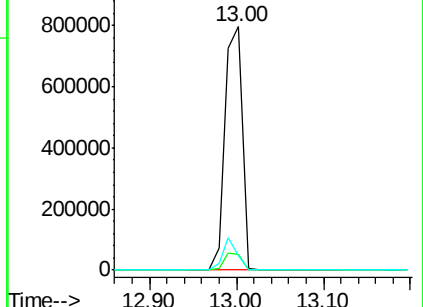
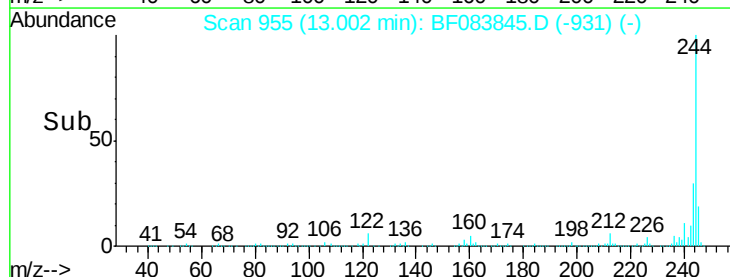
122 6.1 11.0 16.6#

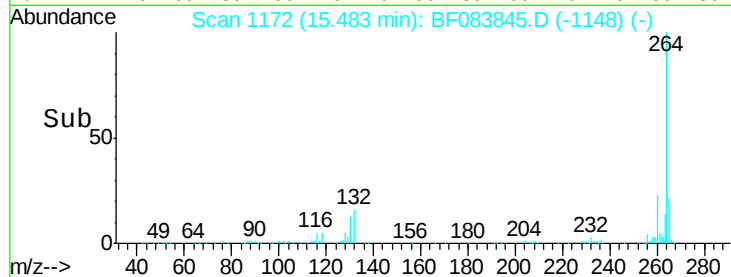
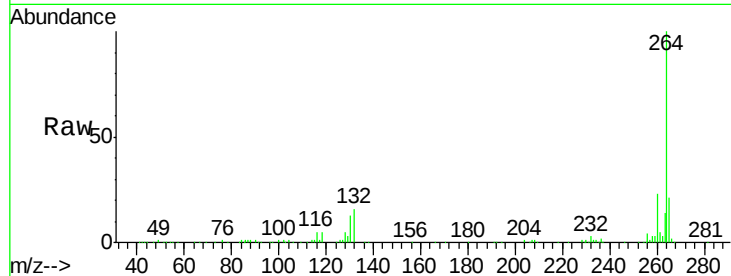
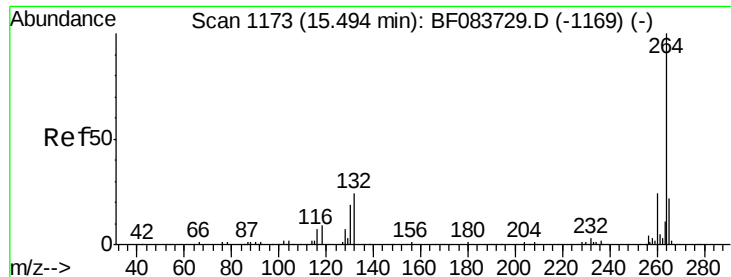


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF083845.D

Acq: 16 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

K202-(18-19)

Tgt Ion: 264 Resp: 195814

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 21.0 17.8 26.6

