

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083844.D
 Acq On : 16 Dec 2015 13:23
 Operator : UM/SJ
 Sample : G4680-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

Quant Time: Dec 17 03:21:34 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

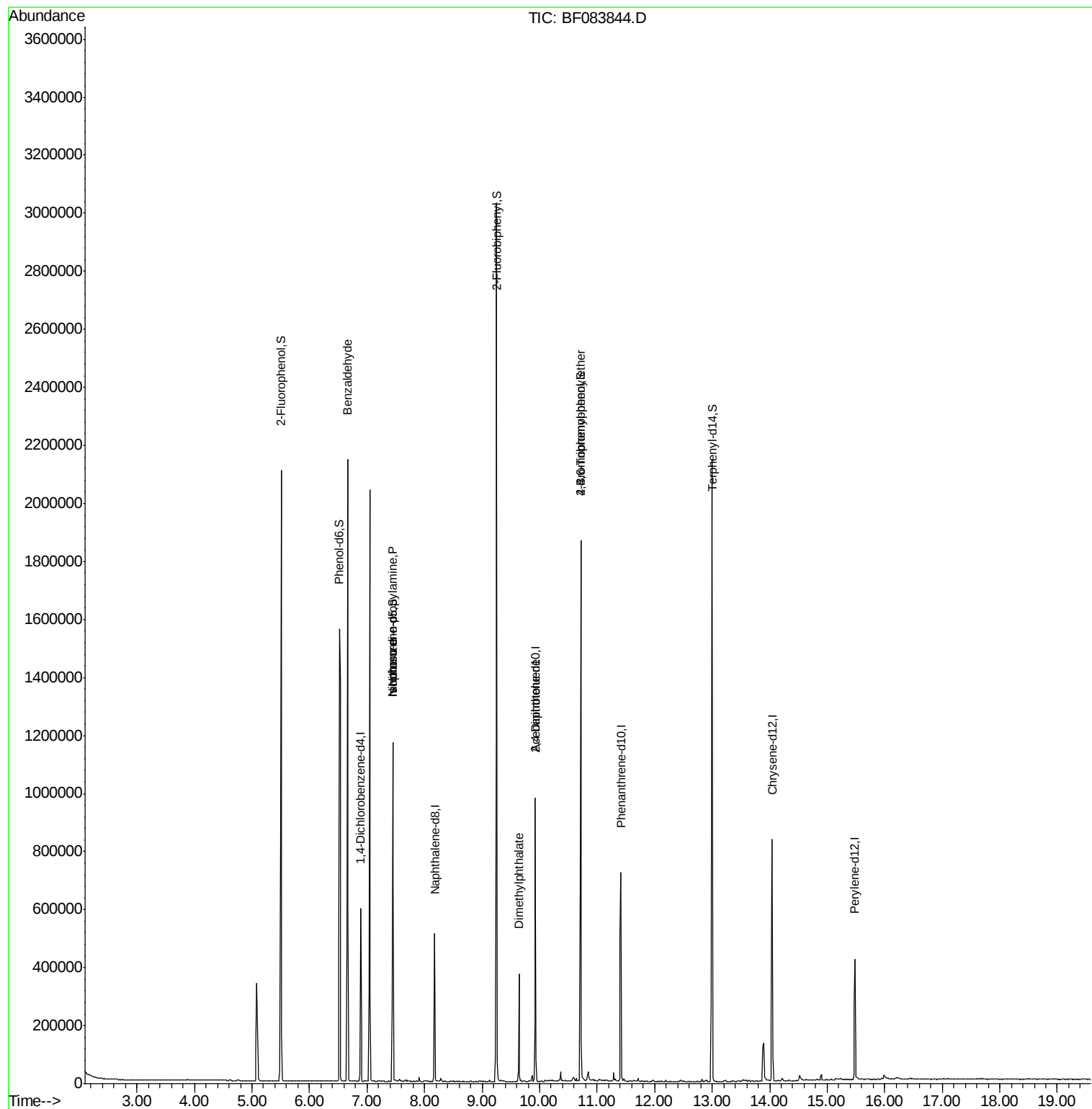
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91618	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	364434	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	187625	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	339969	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	281661	20.00	ng	-0.03
86) Perylene-d12	15.48	264	195426	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	635841	111.96	ng	-0.02
7) Phenol-d6	6.52	99	897872	124.85	ng	-0.02
23) Nitrobenzene-d5	7.45	82	508796	78.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	229673	120.13	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1012964	76.84	ng	-0.03
78) Terphenyl-d14	13.00	244	1005340	76.78	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	14450	3.74	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.45	70	65682	14.91	ng	# 73
25) Isophorone	7.45	82	449975	35.21	ng	# 69
49) Dimethylphthalate	9.64	163	140539	9.61	ng	99
56) 2,4-Dinitrotoluene	9.93	165	24159	5.96	ng	# 13
66) 4-Bromophenyl-phenylether	10.72	248	16393	4.31	ng	# 1

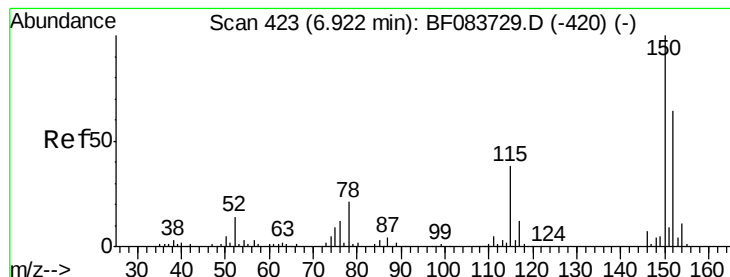
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Instrument :

BNA_F

ClientSampleId :

K212-(18-19)

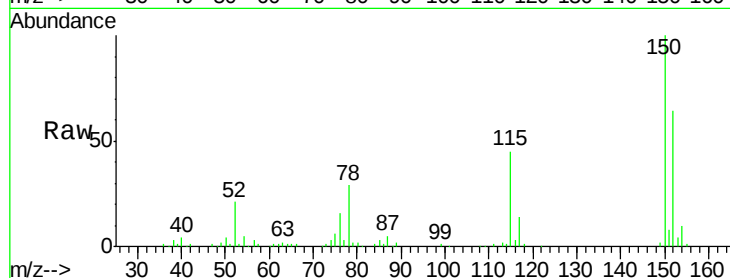
Tgt Ion:152 Resp: 91618

Ion Ratio Lower Upper

152 100

150 155.5 126.5 189.7

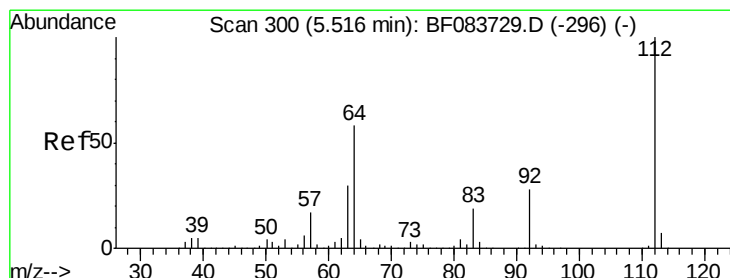
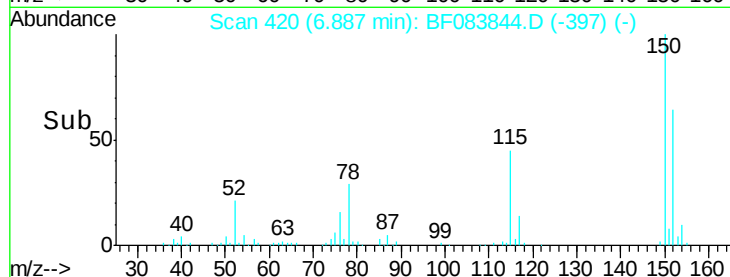
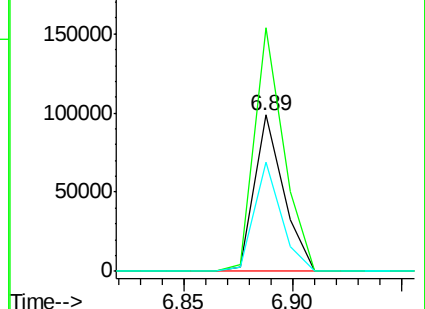
115 69.6 52.3 78.5



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: 111.96 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

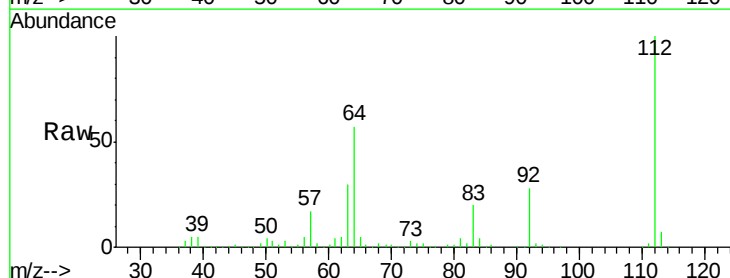
Tgt Ion:112 Resp: 635841

Ion Ratio Lower Upper

112 100

64 56.9 50.5 75.7

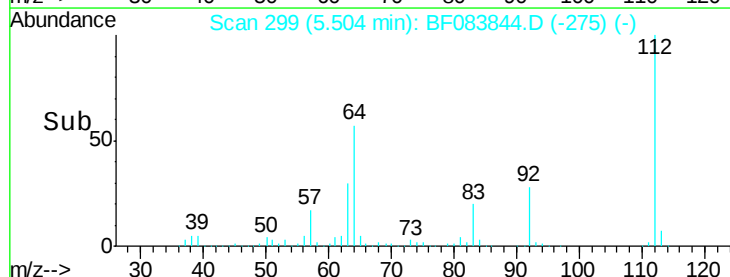
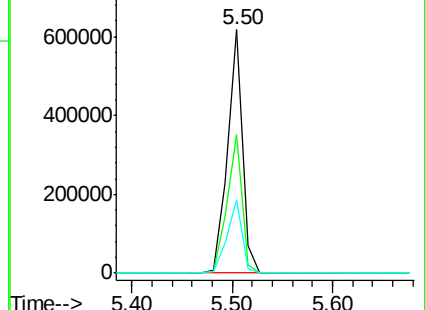
63 30.0 25.8 38.6

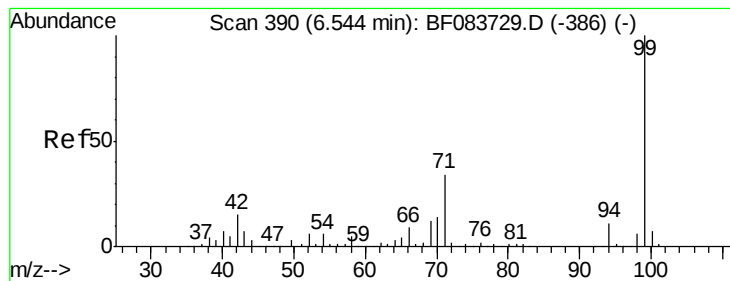


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.85 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Instrument :

BNA_F

ClientSampleId :

K212-(18-19)

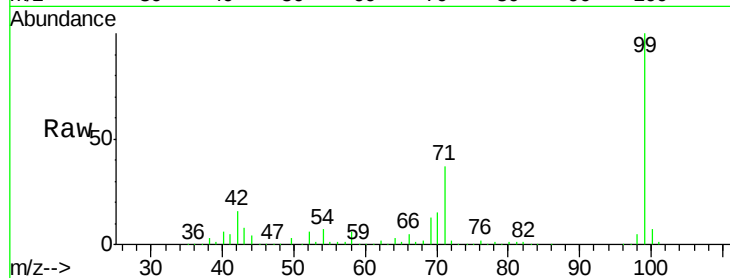
Tgt Ion: 99 Resp: 897872

Ion Ratio Lower Upper

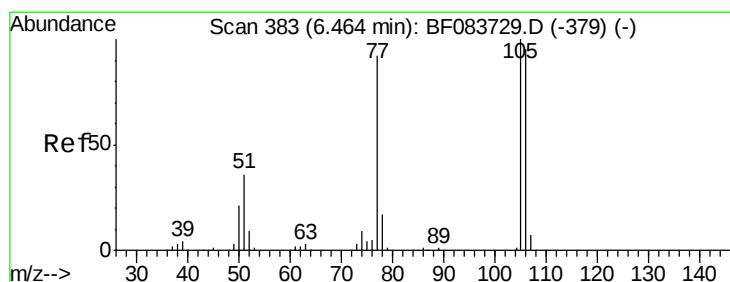
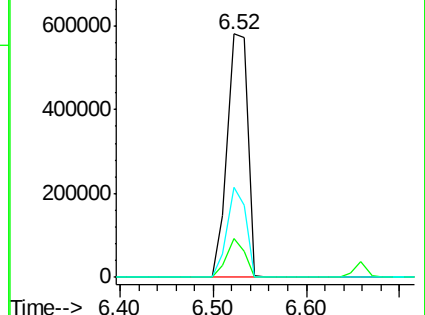
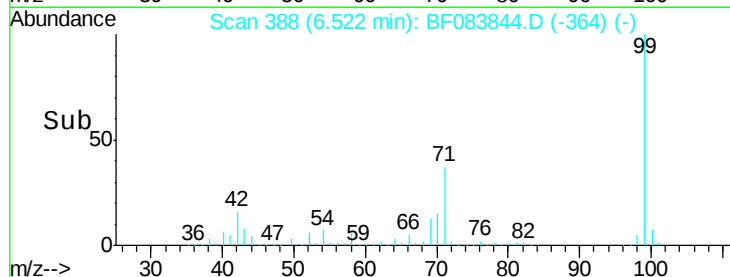
99 100

42 15.9 17.3 25.9#

71 37.0 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: 3.74 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

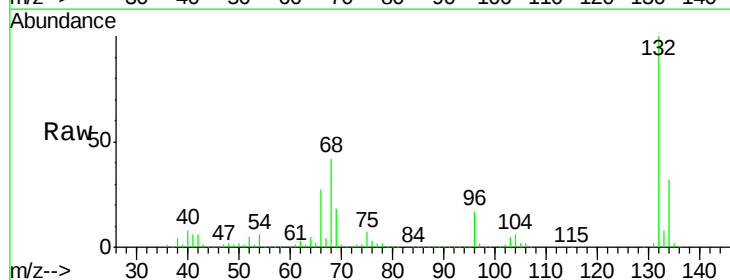
Tgt Ion: 77 Resp: 14450

Ion Ratio Lower Upper

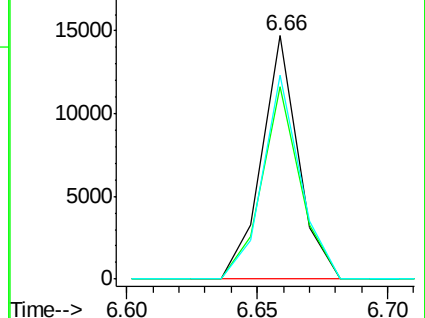
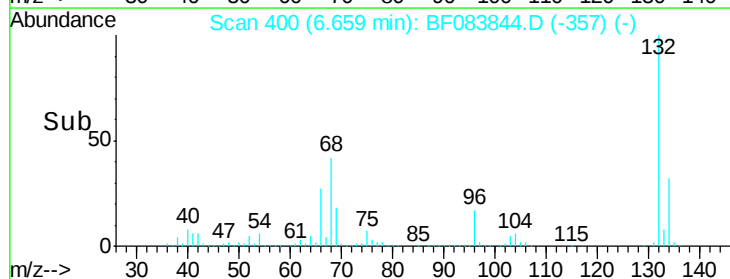
77 100

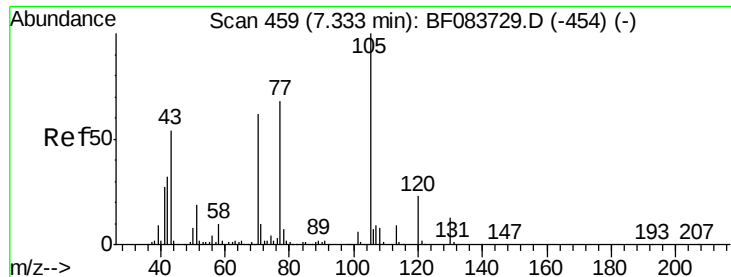
105 78.9 71.8 111.8

106 83.8 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: 14.91 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.10 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Instrument :

BNA_F

ClientSampleId :

K212-(18-19)

Tgt Ion: 70 Resp: 65682

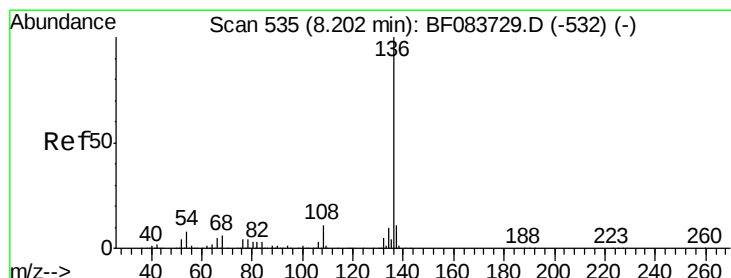
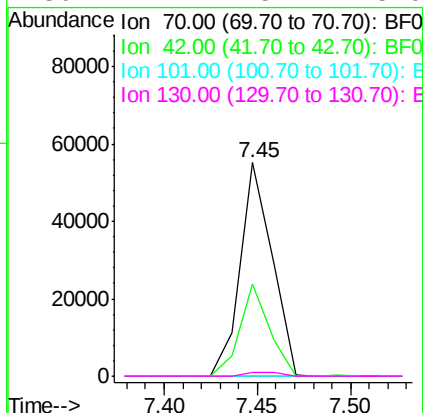
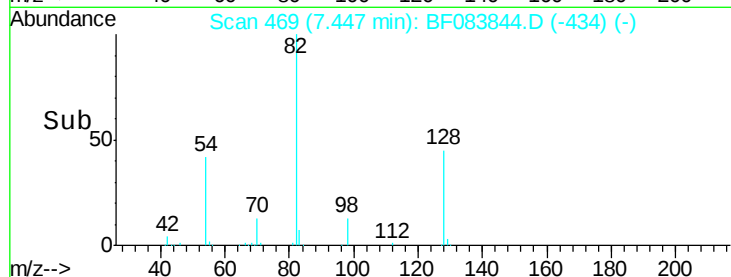
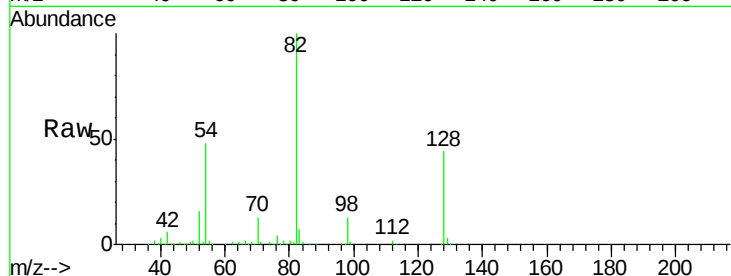
Ion Ratio Lower Upper

70 100

42 43.0 49.2 73.8#

101 0.0 7.1 10.7#

130 2.1 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083844.D

Acq: 16 Dec 2015 13:23

Tgt Ion: 136 Resp: 364434

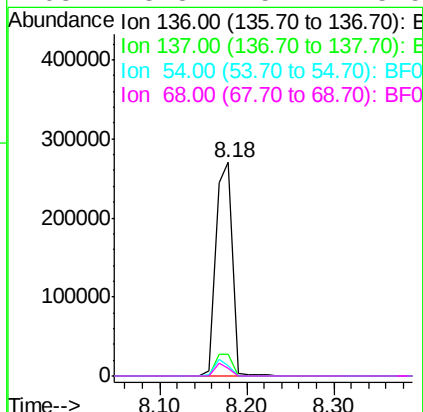
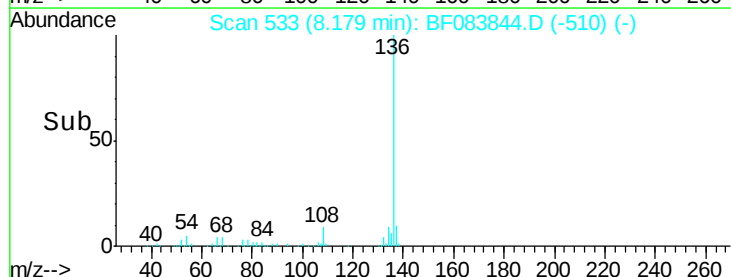
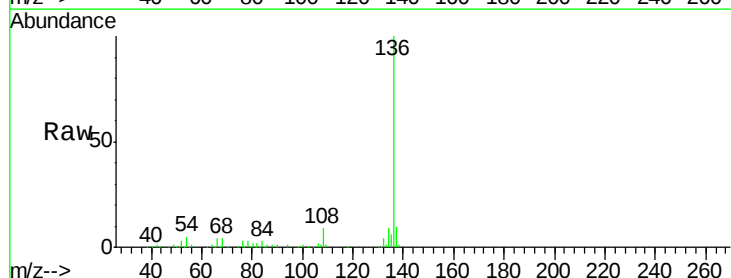
Ion Ratio Lower Upper

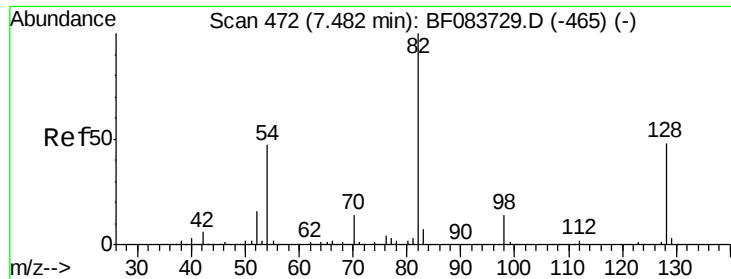
136 100

137 10.4 8.7 13.1

54 4.5 7.8 11.6#

68 3.8 5.7 8.5#

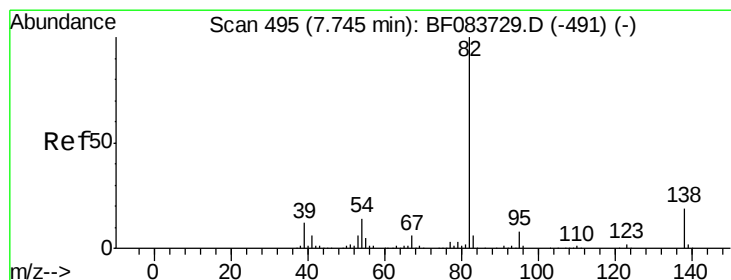
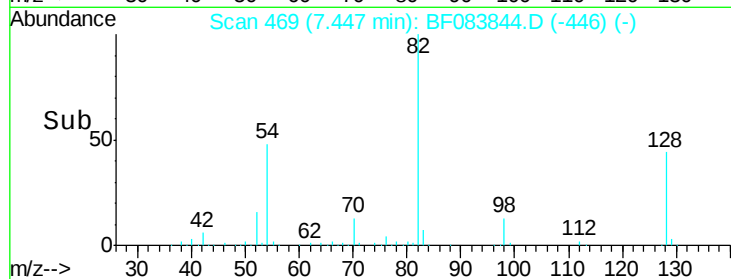
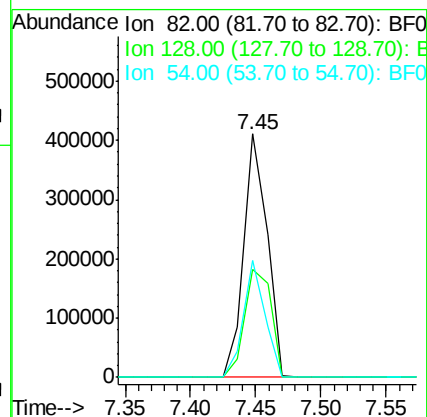
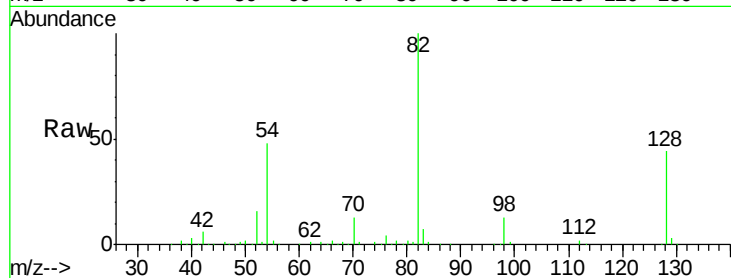




#23
 Nitrobenzene-d5
 Concen: 78.11 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

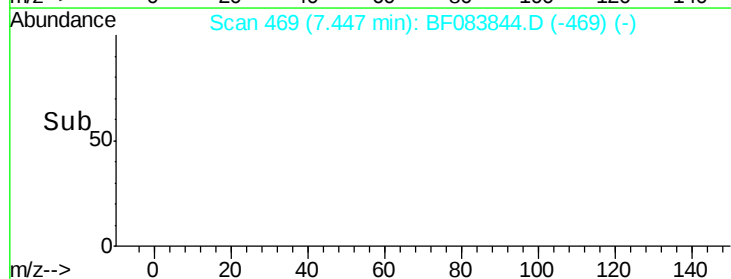
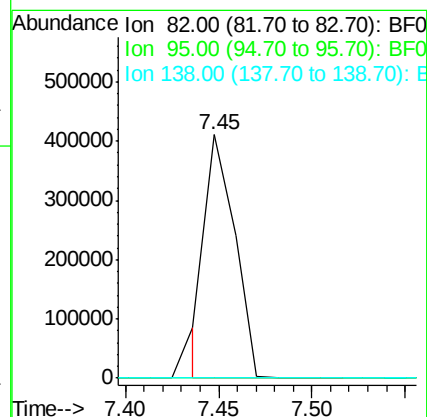
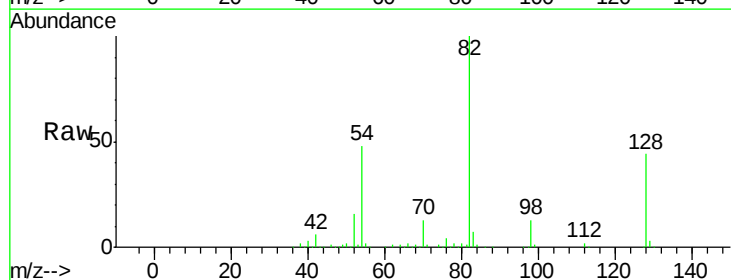
Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

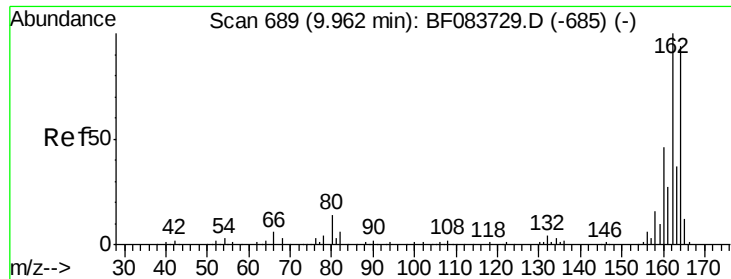
Tgt Ion: 82 Resp: 508796
 Ion Ratio Lower Upper
 82 100
 128 44.5 30.7 46.1
 54 47.8 42.5 63.7



#25
 Isophorone
 Concen: 35.21 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.30 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Tgt Ion: 82 Resp: 449975
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#

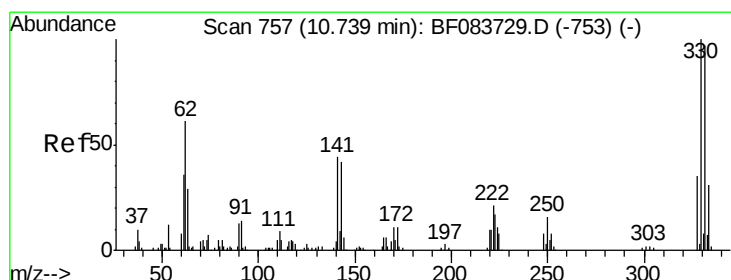
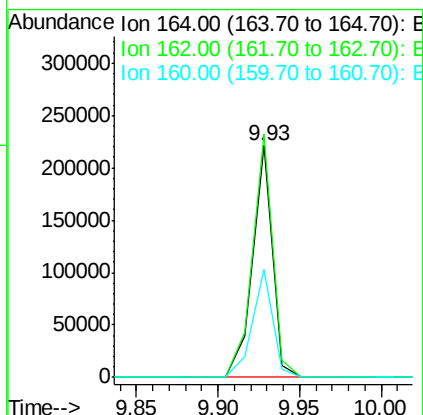
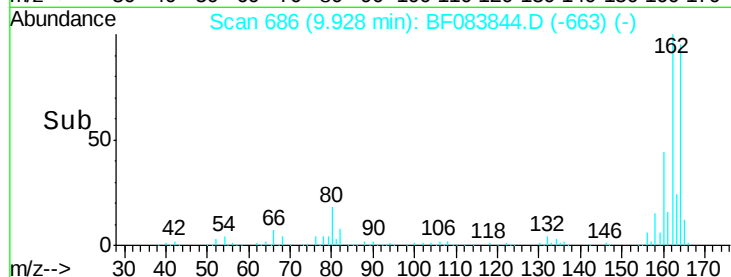
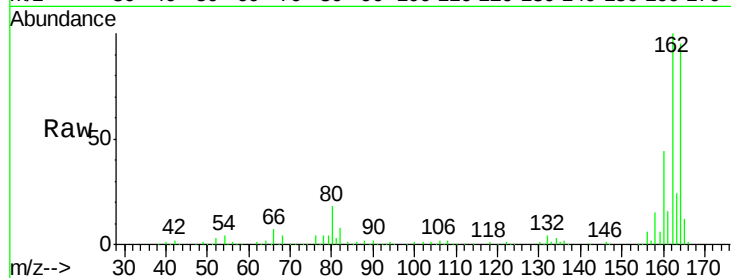




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083844.D
Acq: 16 Dec 2015 13:23

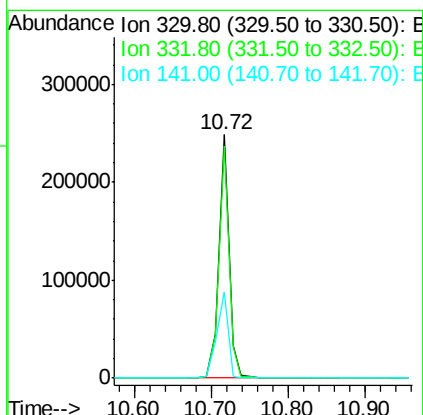
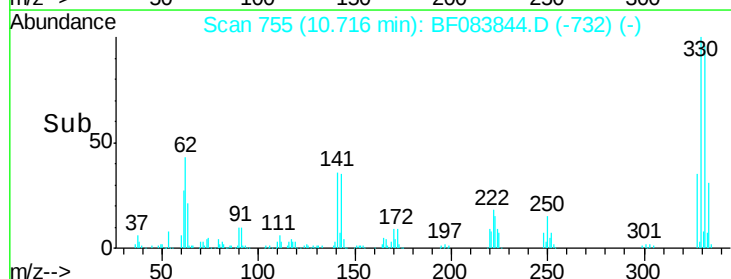
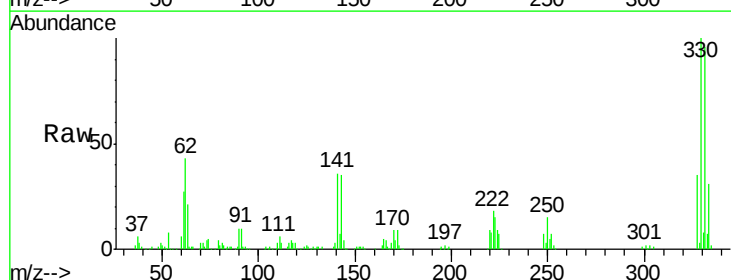
Instrument :
BNA_F
ClientSampleId :
K212-(18-19)

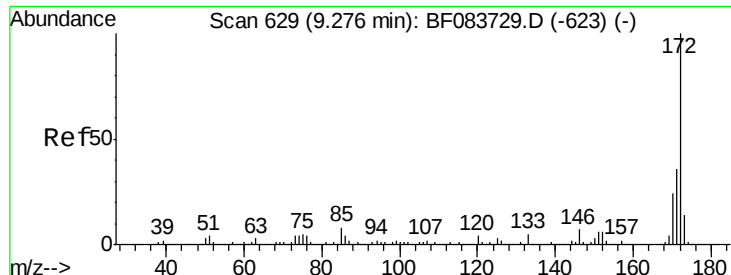
Tgt Ion:164 Resp: 187625
Ion Ratio Lower Upper
164 100
162 105.0 78.8 118.2
160 46.4 33.4 50.2



#41
2,4,6-Tribromophenol
Concen: 120.13 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF083844.D
Acq: 16 Dec 2015 13:23

Tgt Ion:330 Resp: 229673
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 39.2 0.0 0.0#

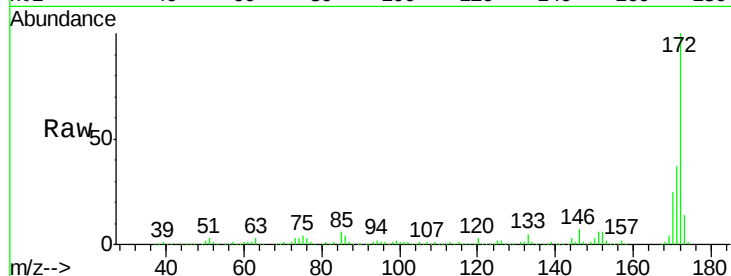




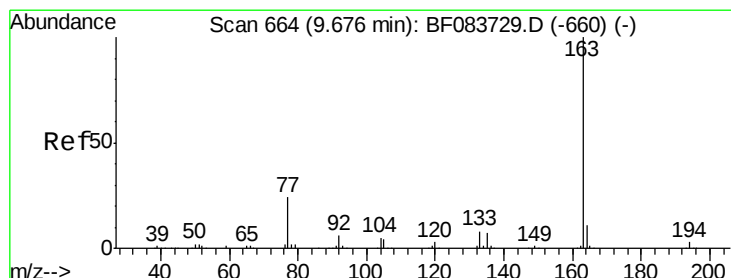
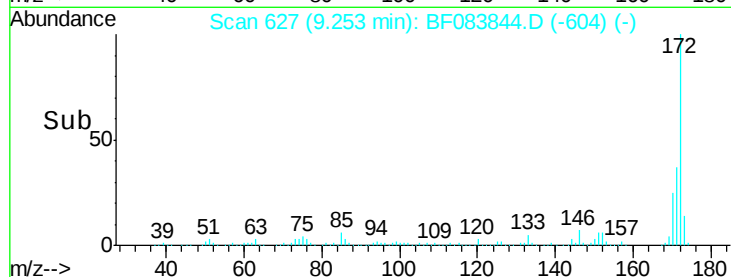
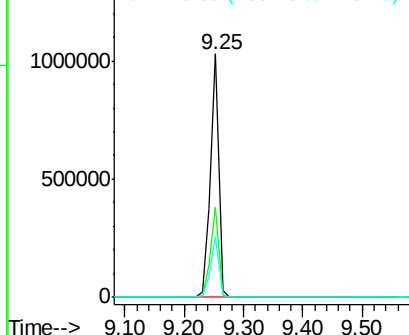
#44
 2-Fluorobiphenyl
 Concen: 76.84 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

Tgt Ion:172 Resp: 1012964
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.7 19.4 29.0

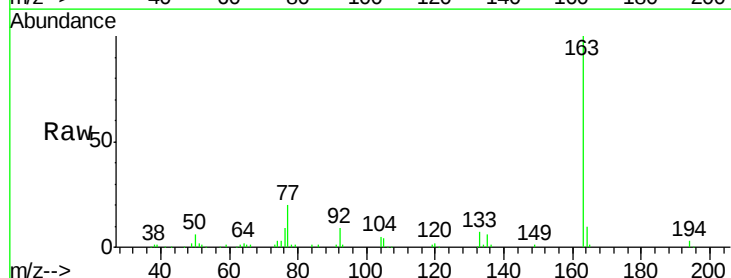


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

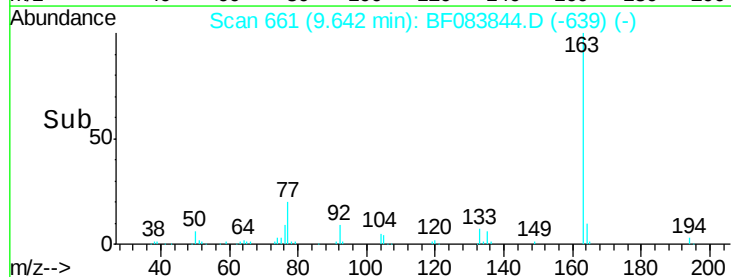
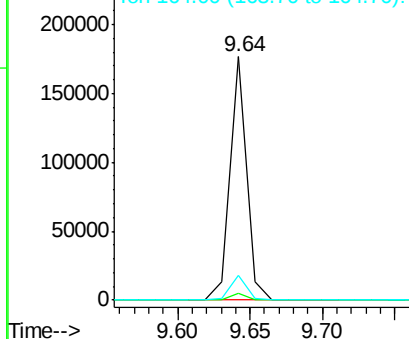


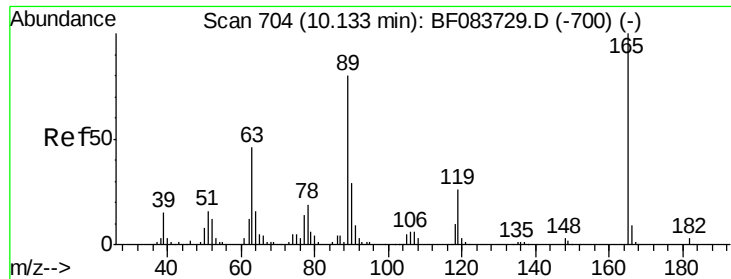
#49
 Dimethylphthalate
 Concen: 9.61 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.05 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Tgt Ion:163 Resp: 140539
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.3 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

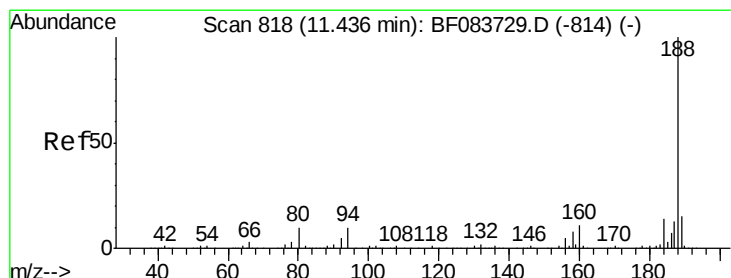
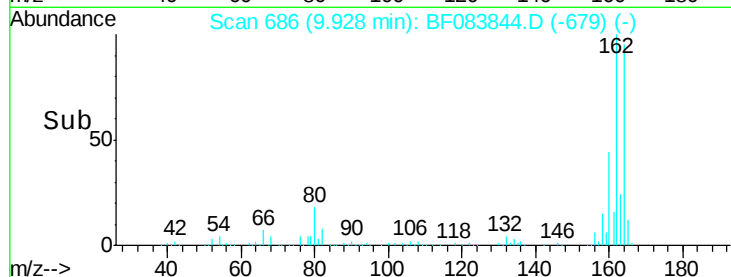
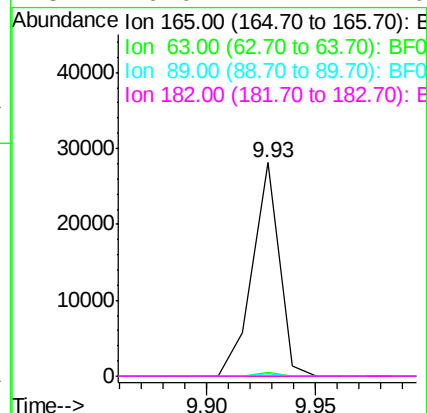
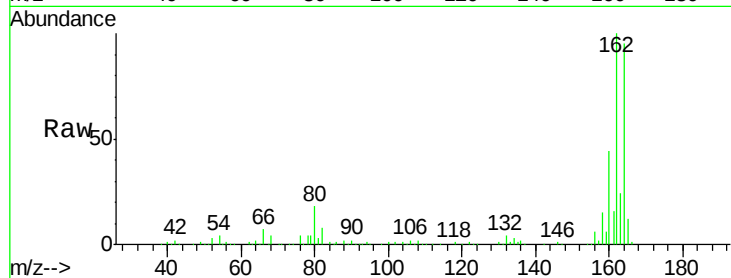




#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.22 min
Lab File: BF083844.D
Acq: 16 Dec 2015 13:23

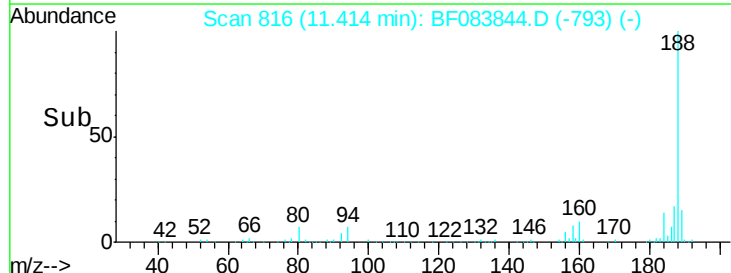
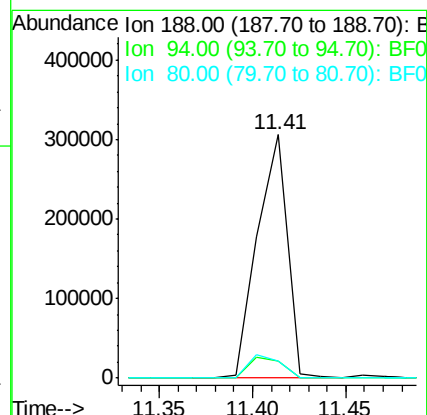
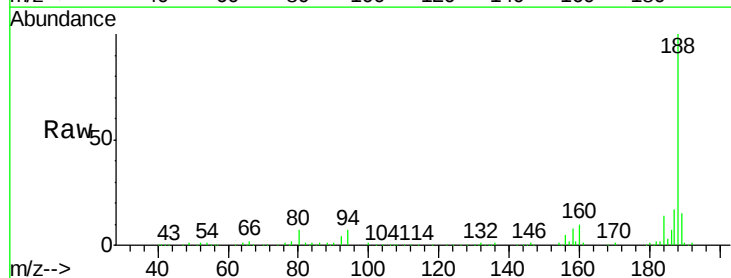
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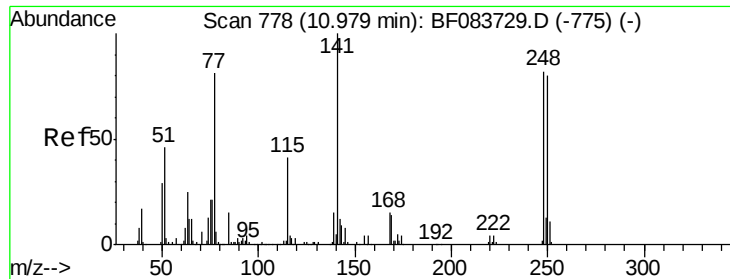
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.4	77.2#
89	1.5	72.6	108.8#
182	0.0	1.4	2.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083844.D
Acq: 16 Dec 2015 13:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.4	14.2#
80	6.9	10.6	16.0#

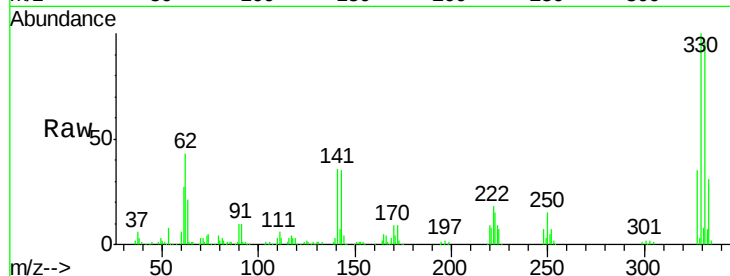




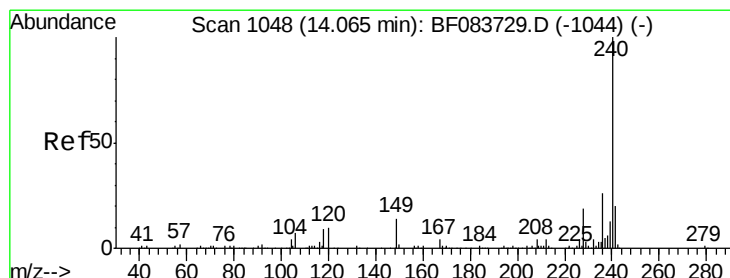
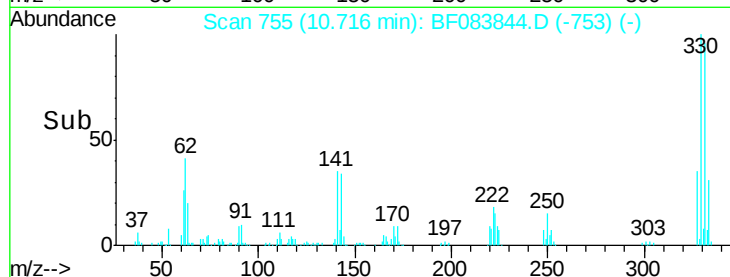
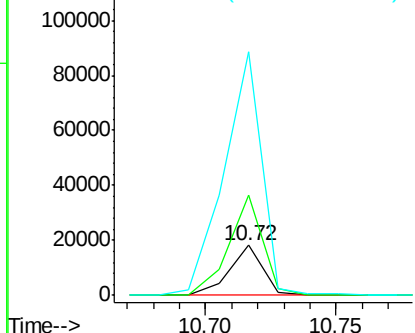
#66
 4-Bromophenyl-phenylether
 Concen: 4.31 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

Tgt Ion:248 Resp: 16393
 Ion Ratio Lower Upper
 248 100
 250 198.5 79.2 118.8#
 141 484.3 58.2 87.4#

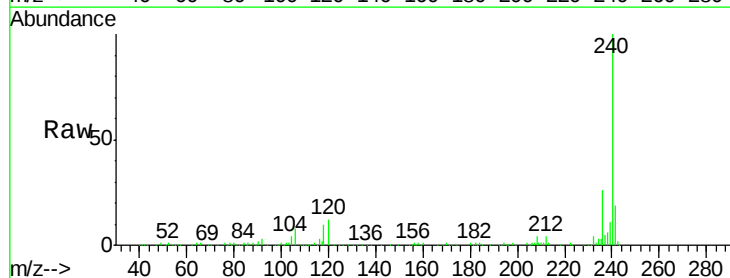


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

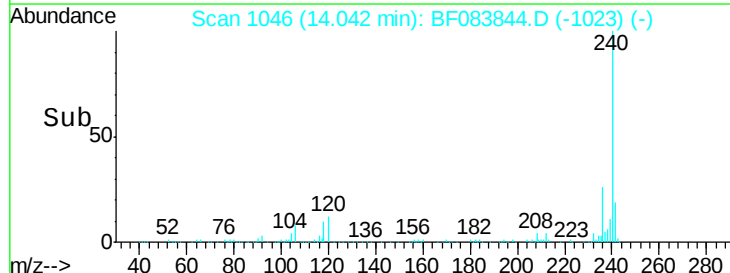
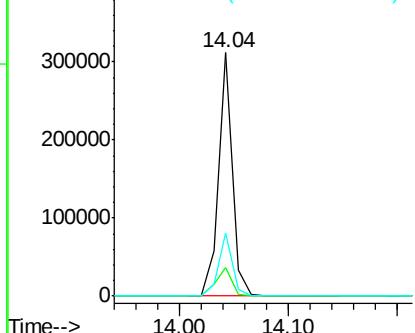


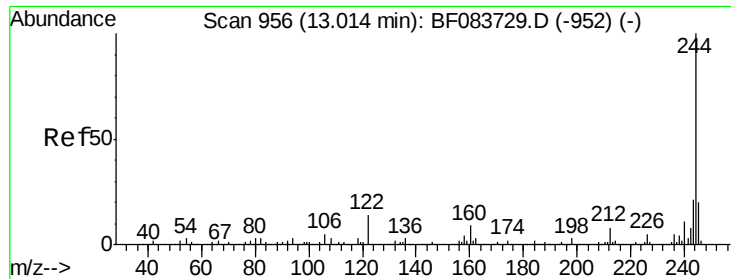
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Tgt Ion:240 Resp: 281661
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.1 12.1
 236 25.9 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

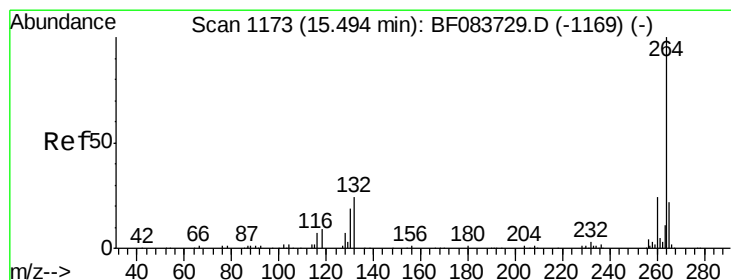
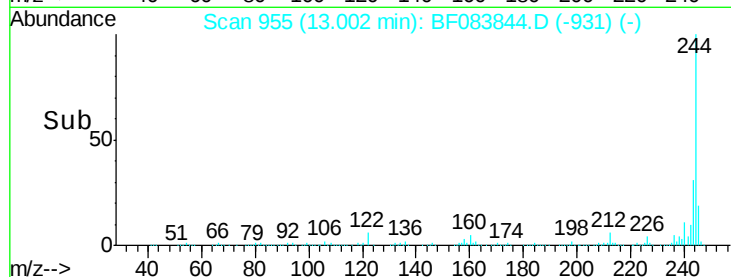
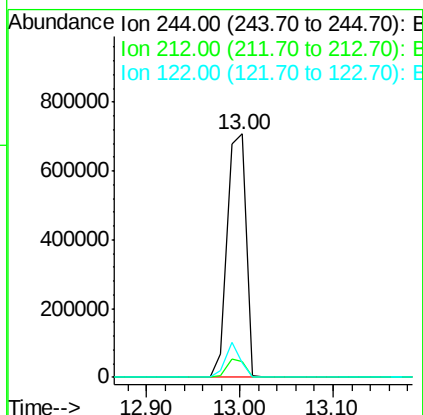
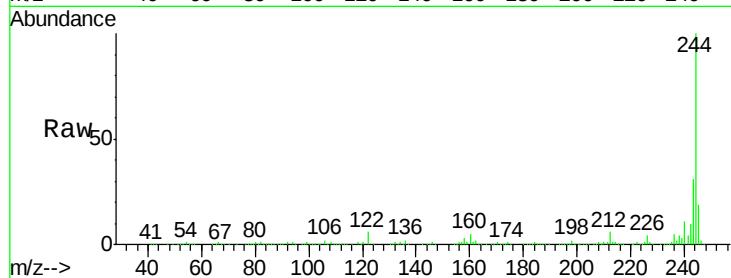




#78
 Terphenyl-d14
 Concen: 76.78 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 K212-(18-19)

Tgt Ion:244 Resp: 1005340
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.1 9.1
 122 6.0 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083844.D
 Acq: 16 Dec 2015 13:23

Tgt Ion:264 Resp: 195426
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.6 17.8 26.6

