

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083800.D
 Acq On : 15 Dec 2015 5:54
 Operator : UM/IZ
 Sample : G4779-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-45

Quant Time: Dec 15 06:38:03 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

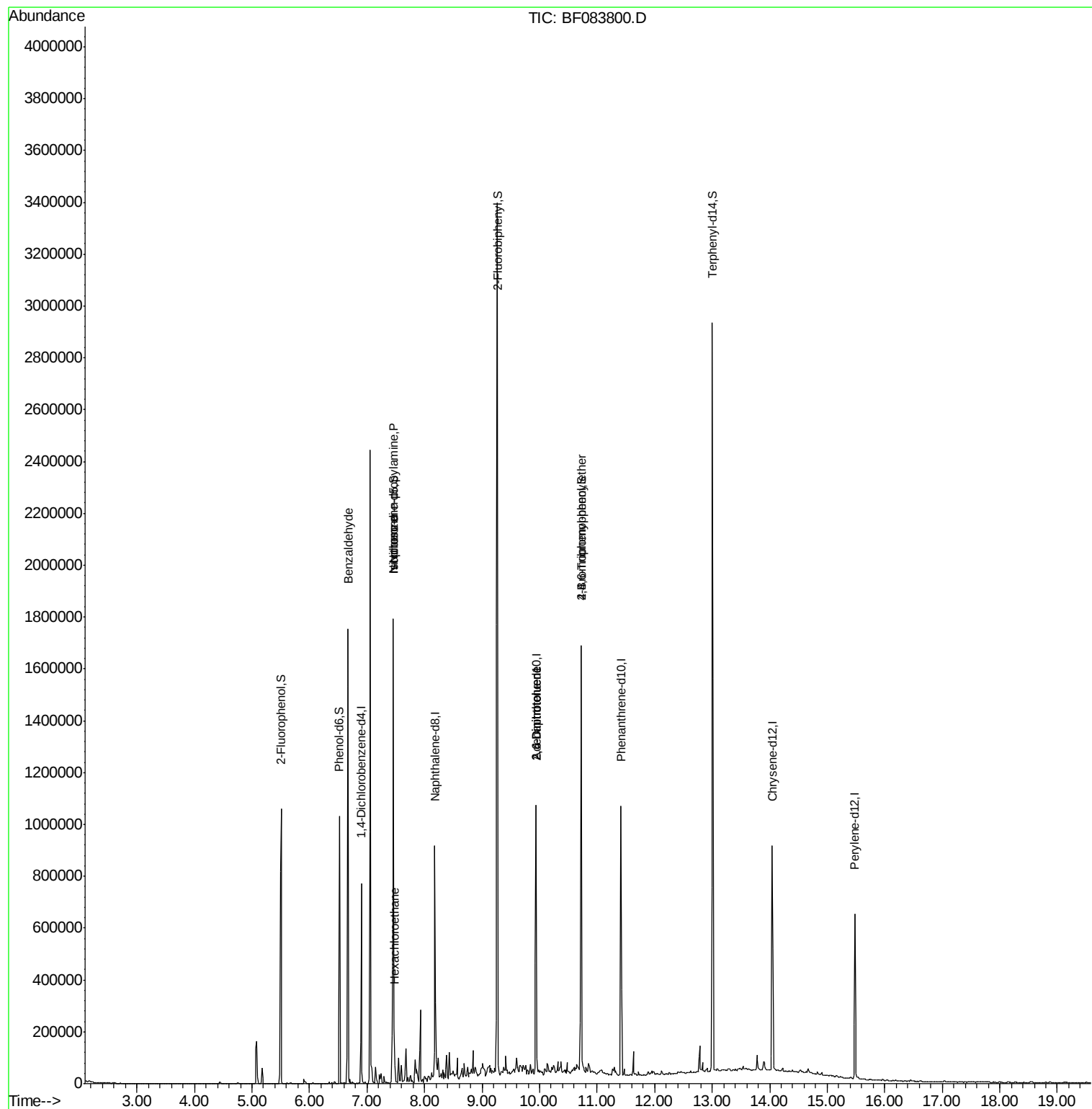
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110807	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	413659	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	211759	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	381339	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	340530	20.00	ng	-0.03
86) Perylene-d12	15.48	264	274078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	412673	60.08	ng	-0.02
7) Phenol-d6	6.52	99	333261	38.31	ng	-0.02
23) Nitrobenzene-d5	7.46	82	612924	82.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	305028	141.36	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1223480	84.49	ng	-0.02
78) Terphenyl-d14	13.00	244	1174267	74.18	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	15457	3.31	ng	Qvalue 93
18) Hexachloroethane	7.47	117	50220	16.34	ng	# 2
19) n-Nitroso-di-n-propylamine	7.46	70	84753	15.91	ng	# 71
25) Isophorone	7.46	82	604056	41.64	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	28138	8.03	ng	# 19
56) 2,4-Dinitrotoluene	9.94	165	28427	6.21	ng	# 14
66) 4-Bromophenyl-phenylether	10.73	248	20388	4.78	ng	# 1

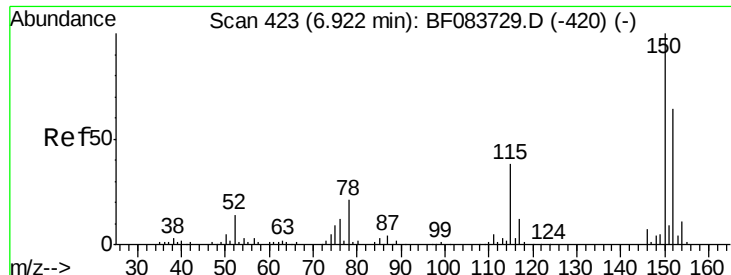
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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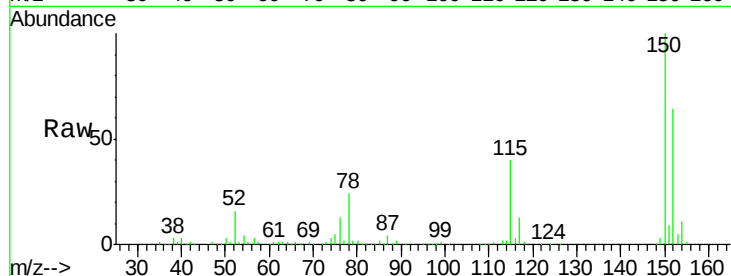




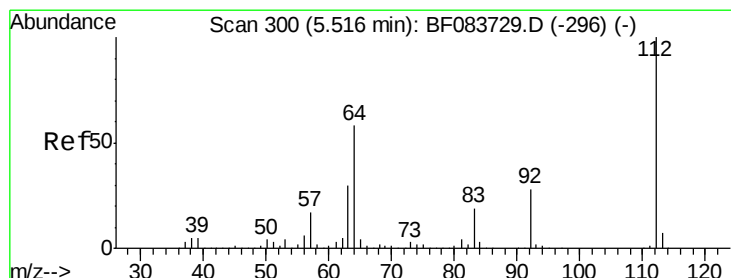
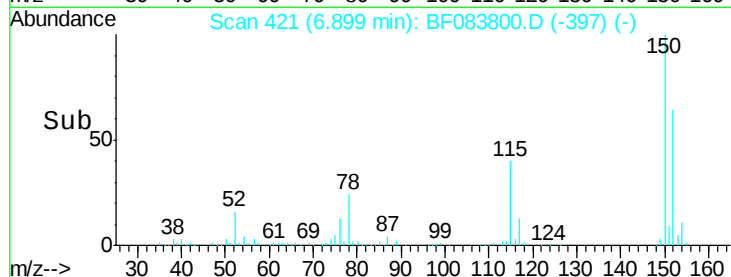
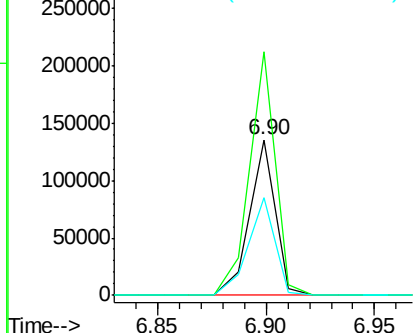
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Instrument :
 BNA_F
 ClientSampleId :
 W-45

Tgt Ion:152 Resp: 110807
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.5 189.7
 115 62.9 52.3 78.5

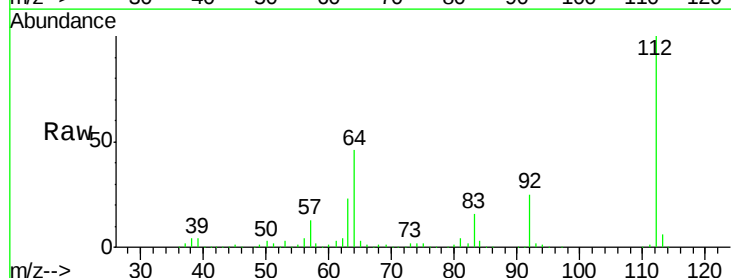


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

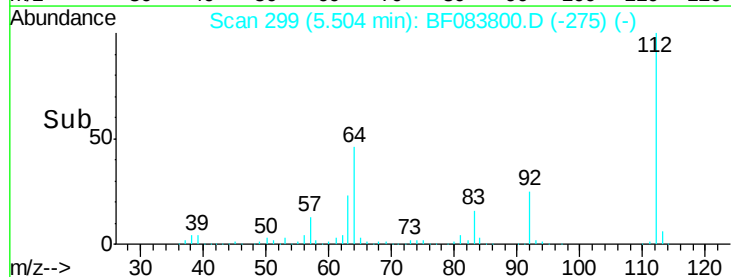
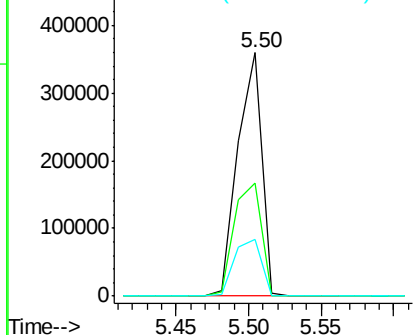


#5
 2-Fluorophenol
 Concen: 60.08 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Tgt Ion:112 Resp: 412673
 Ion Ratio Lower Upper
 112 100
 64 46.3 50.5 75.7#
 63 23.4 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: 38.31 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

Instrument :

BNA_F

ClientSampled :

W-45

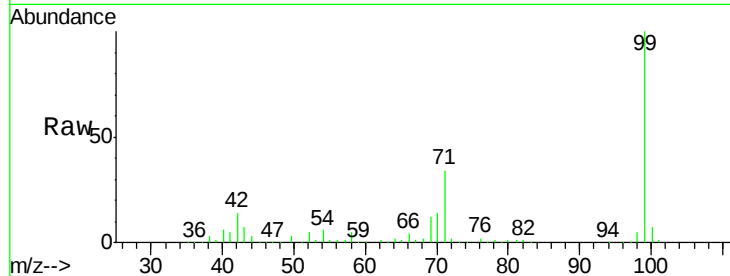
Tgt Ion: 99 Resp: 333261

Ion Ratio Lower Upper

99 100

42 14.1 17.3 25.9#

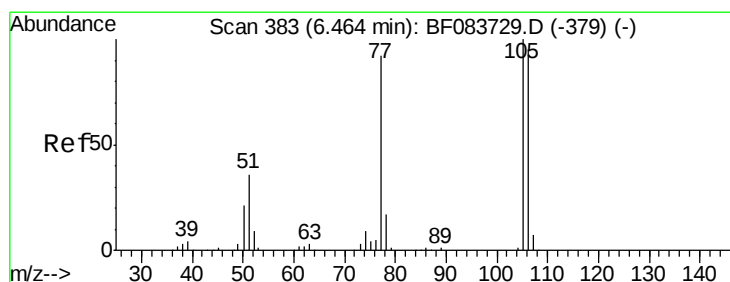
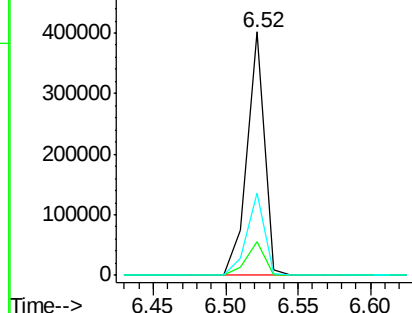
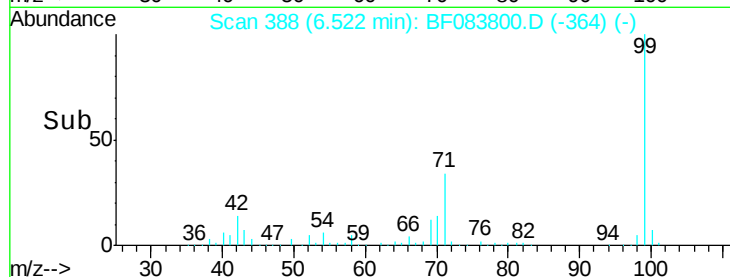
71 33.9 26.6 40.0



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: 3.31 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

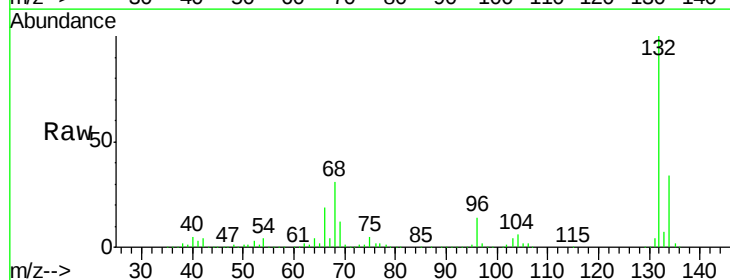
Tgt Ion: 77 Resp: 15457

Ion Ratio Lower Upper

77 100

105 98.0 71.8 111.8

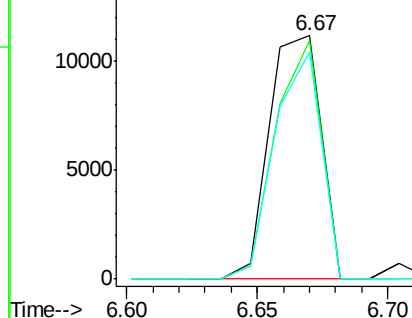
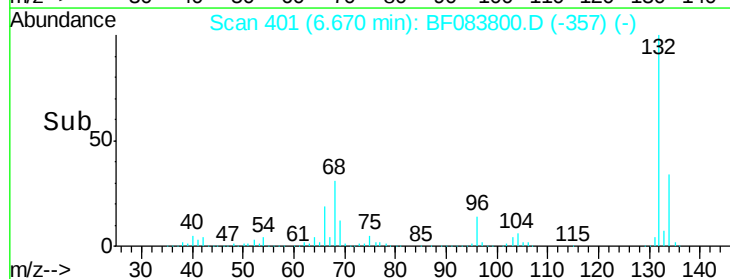
106 93.3 66.8 106.8

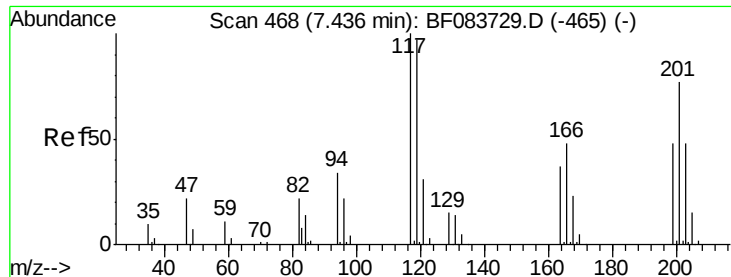


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

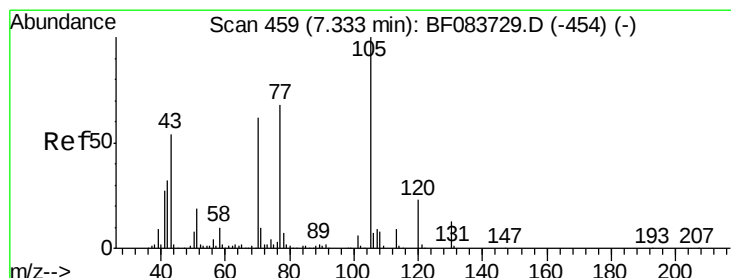
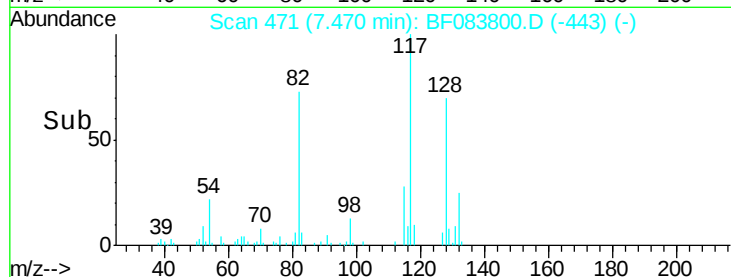
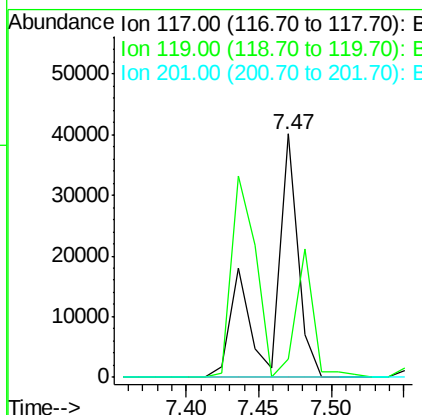
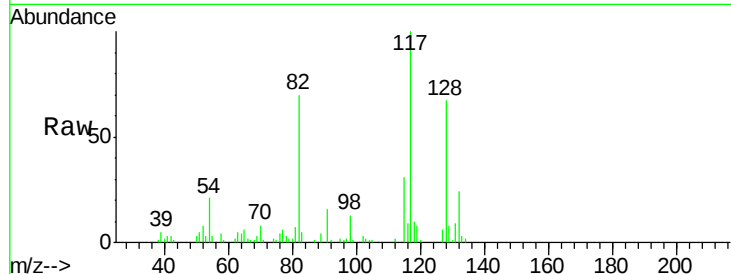




#18
Hexachloroethane
Concen: 16.34 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.02 min
Lab File: BF083800.D
Acq: 15 Dec 2015 5:54

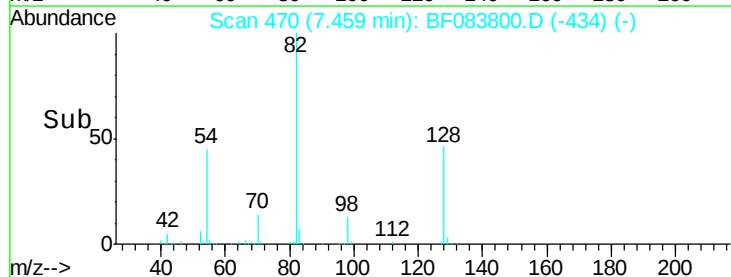
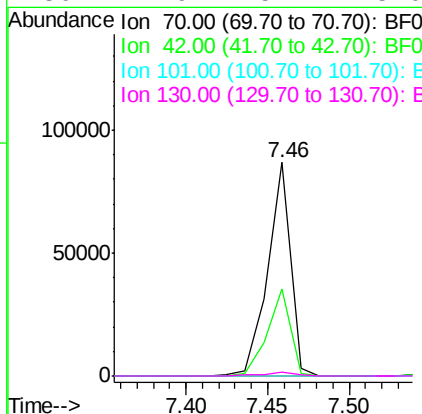
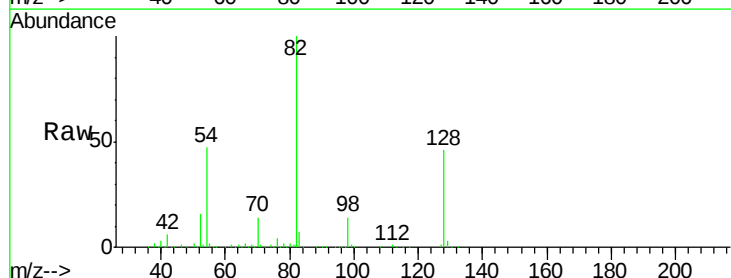
Instrument :
BNA_F
ClientSampleId :
W-45

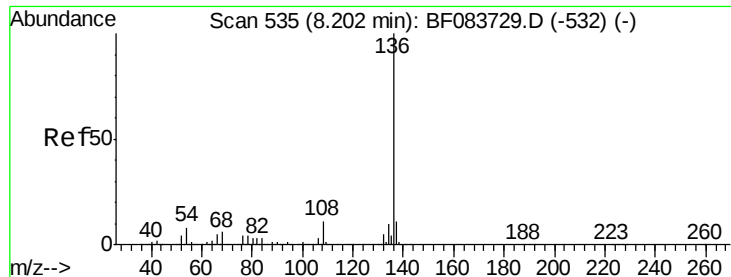
Tgt Ion: 117 Resp: 50220
Ion Ratio Lower Upper
117 100
119 7.6 77.2 115.8#
201 0.0 86.8 130.2#



#19
n-Nitroso-di-n-propylamine
Concen: 15.91 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083800.D
Acq: 15 Dec 2015 5:54

Tgt Ion: 70 Resp: 84753
Ion Ratio Lower Upper
70 100
42 40.5 49.2 73.8#
101 0.0 7.1 10.7#
130 1.9 15.4 23.0#

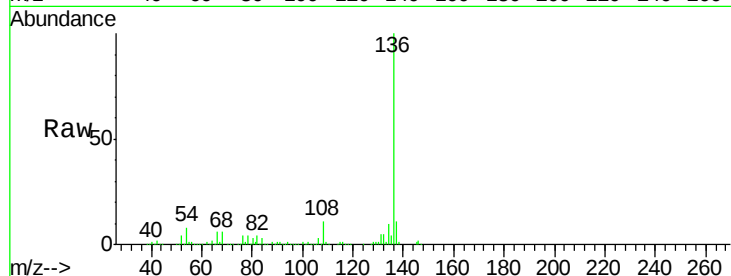




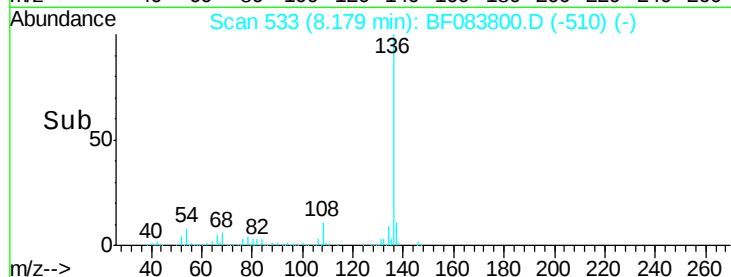
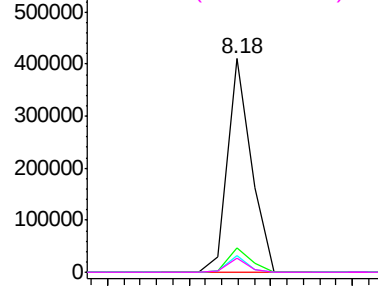
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083800.D
Acq: 15 Dec 2015 5:54

Instrument :
BNA_F
ClientSampleId :
W-45

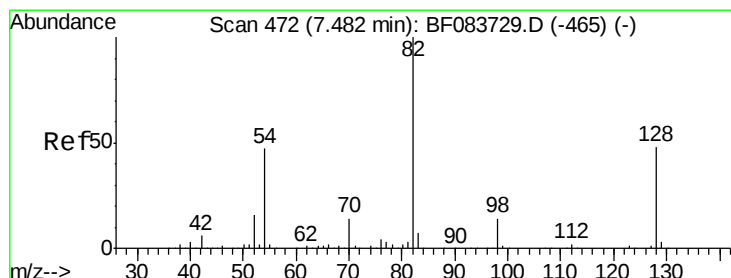
Tgt Ion:	136	Resp:	413659
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.7	7.8	11.6#
68	6.3	5.7	8.5



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

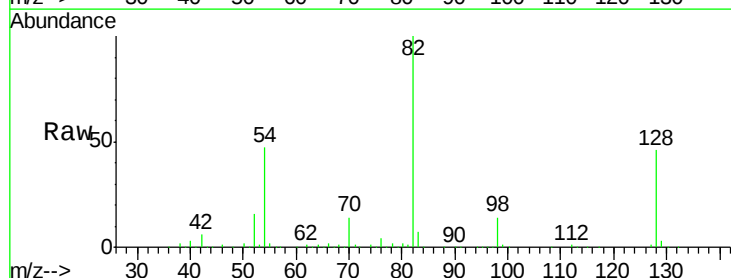


Time-->

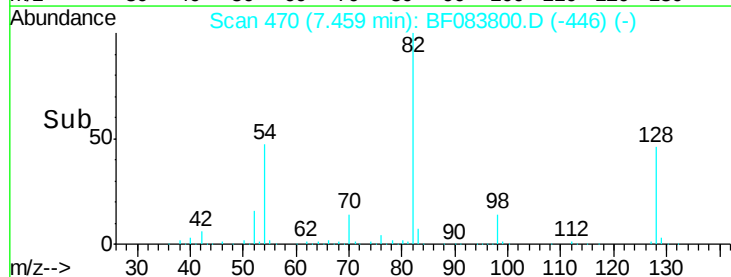
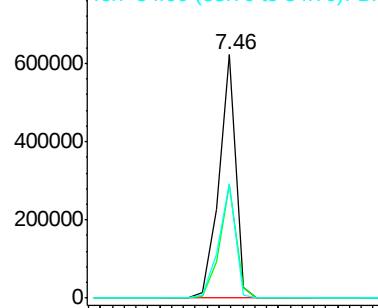


#23
Nitrobenzene-d5
Concen: 82.90 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083800.D
Acq: 15 Dec 2015 5:54

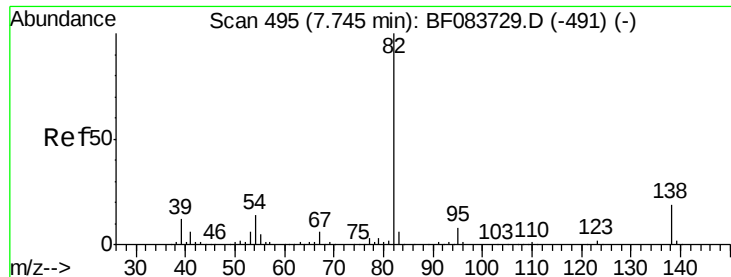
Tgt Ion:	82	Resp:	612924
Ion	Ratio	Lower	Upper
82	100		
128	46.4	30.7	46.1#
54	47.0	42.5	63.7



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: 41.64 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

Instrument :

BNA_F

ClientSampleId :

W-45

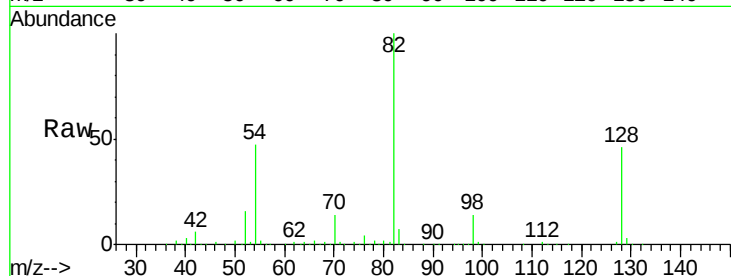
Tgt Ion: 82 Resp: 604056

Ion Ratio Lower Upper

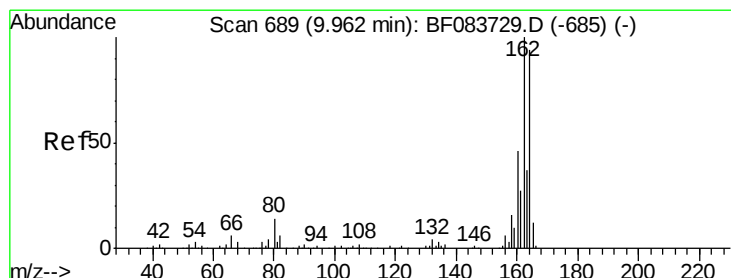
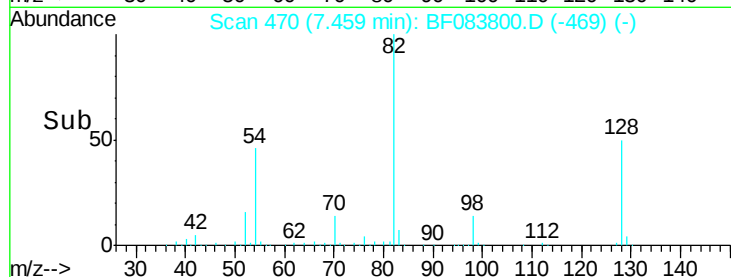
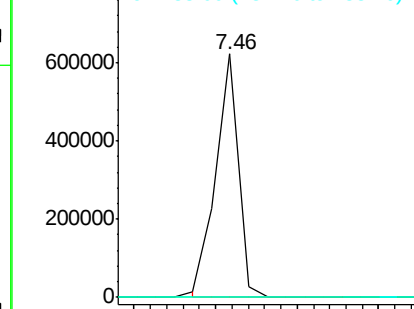
82 100

95 0.1 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: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

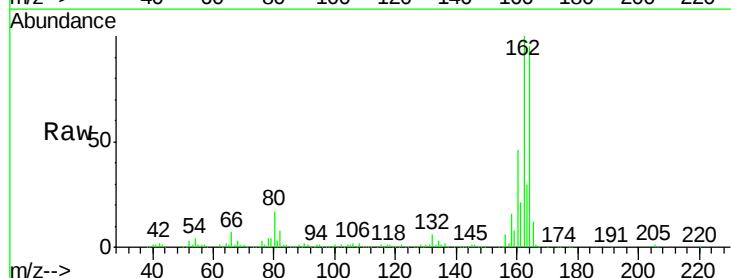
Tgt Ion:164 Resp: 211759

Ion Ratio Lower Upper

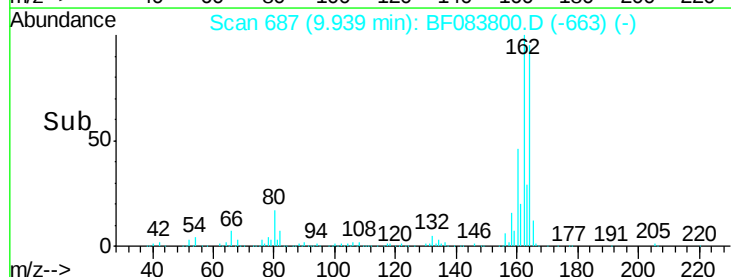
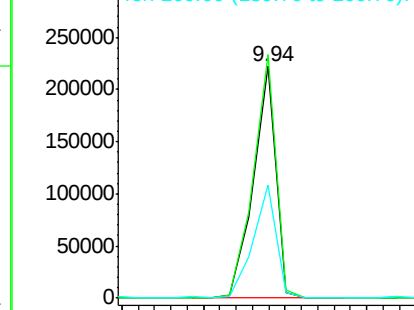
164 100

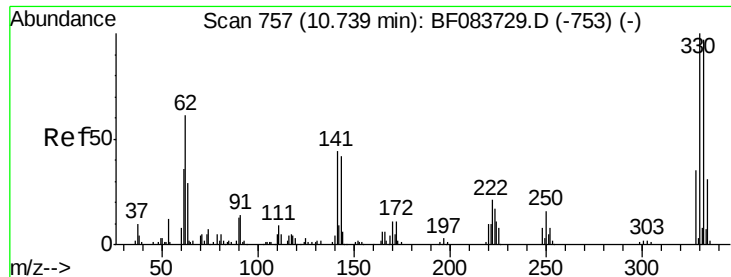
162 105.0 78.8 118.2

160 48.8 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

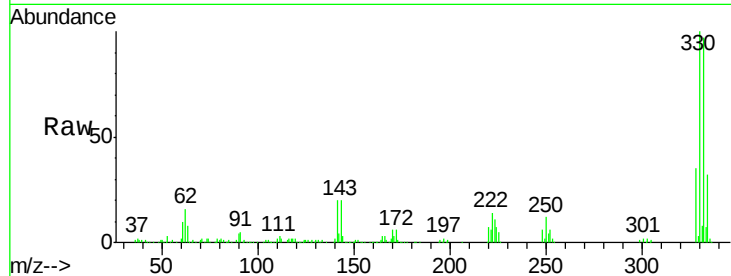




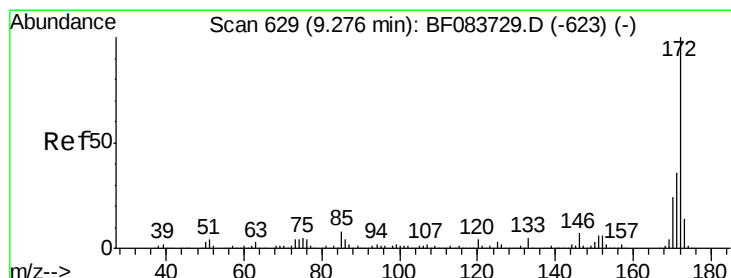
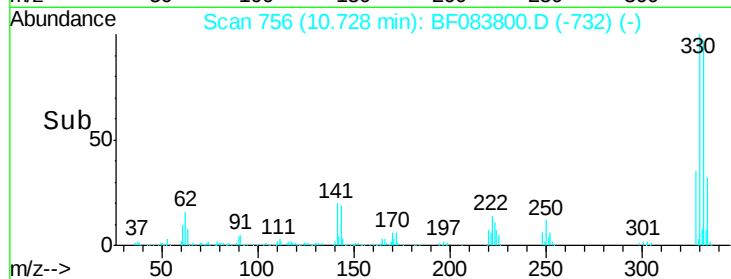
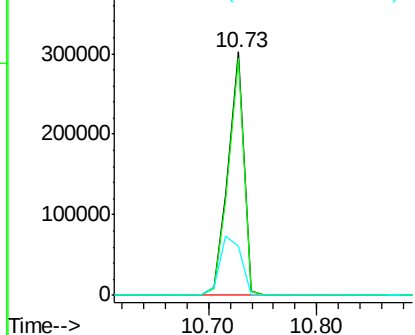
#41
 2,4,6-Tribromophenol
 Concen: 141.36 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Instrument :
 BNA_F
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 W-45

Tgt Ion:330 Resp: 305028
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 32.4 0.0 0.0#

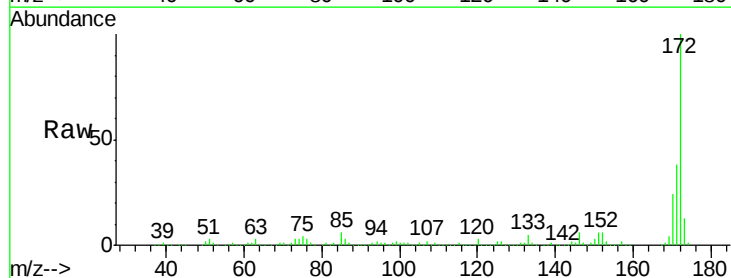


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

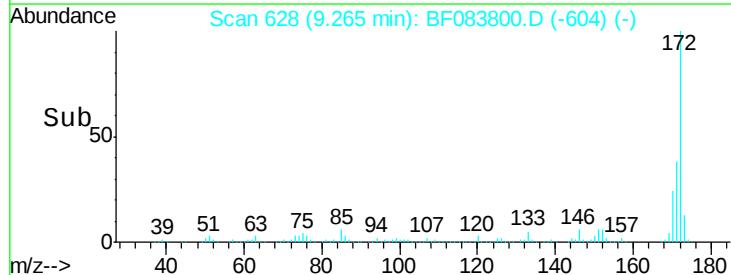
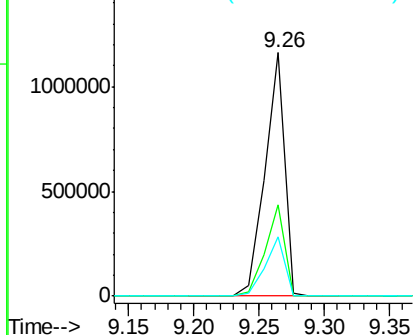


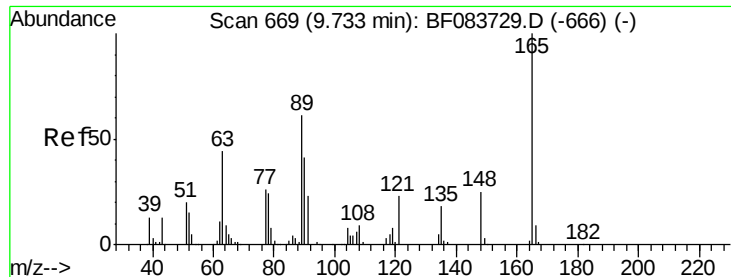
#44
 2-Fluorobiphenyl
 Concen: 84.49 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Tgt Ion:172 Resp: 1223480
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.6 42.8
 170 24.4 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

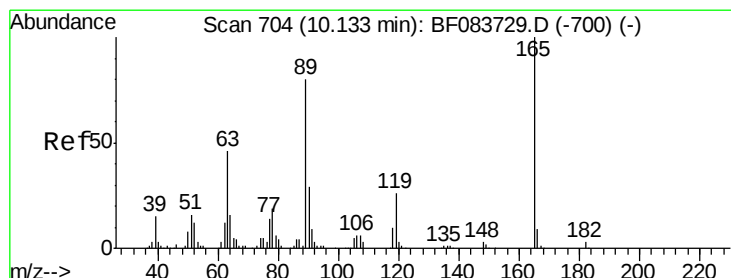
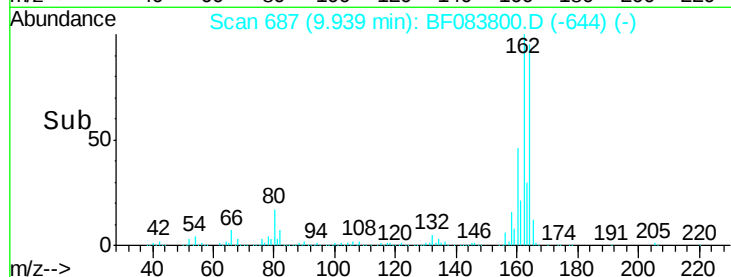
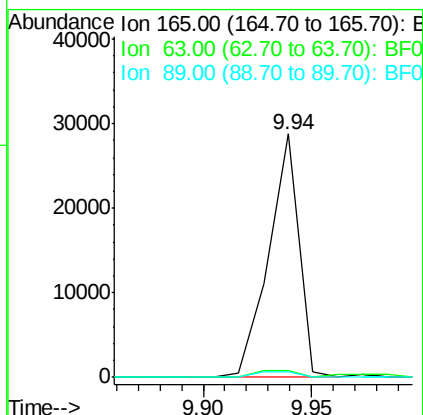
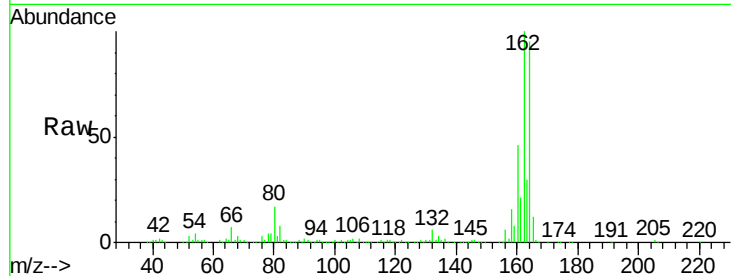




#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

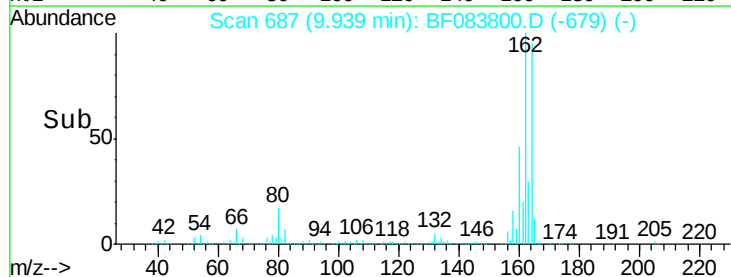
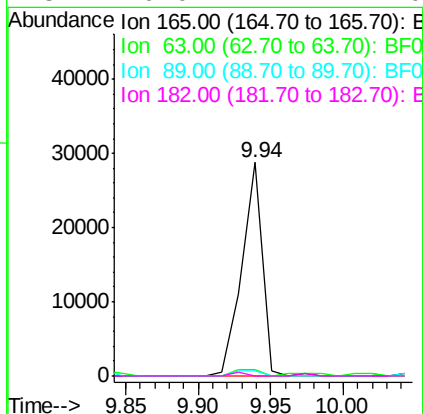
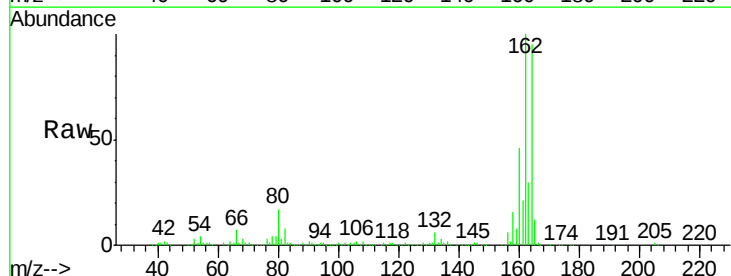
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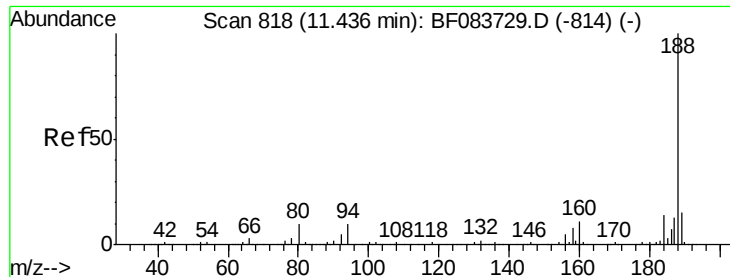
Tgt Ion:165 Resp: 28138
 Ion Ratio Lower Upper
 165 100
 63 3.0 56.9 85.3#
 89 2.4 52.1 78.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.20 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Tgt Ion:165 Resp: 28427
 Ion Ratio Lower Upper
 165 100
 63 3.0 51.4 77.2#
 89 2.4 72.6 108.8#
 182 0.0 1.4 2.0#

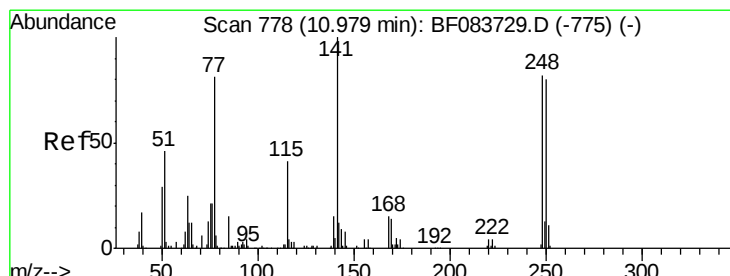
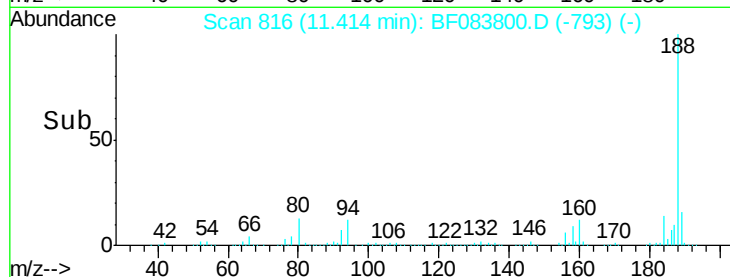
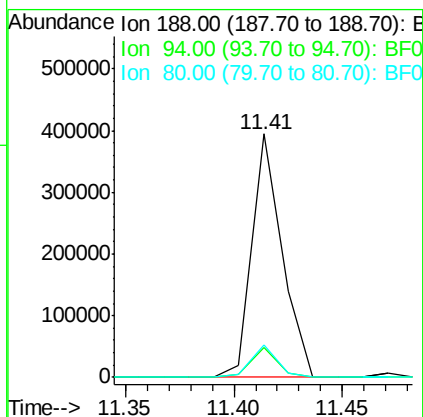
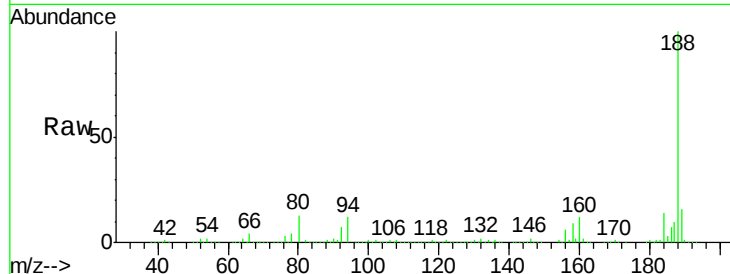




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

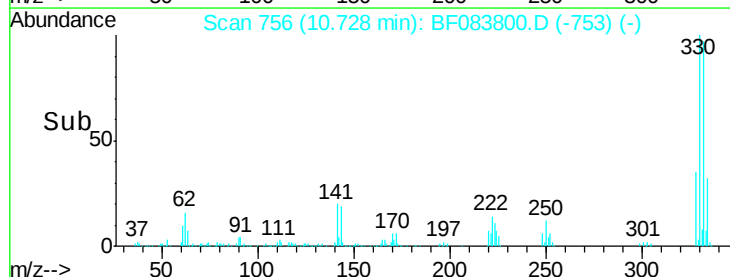
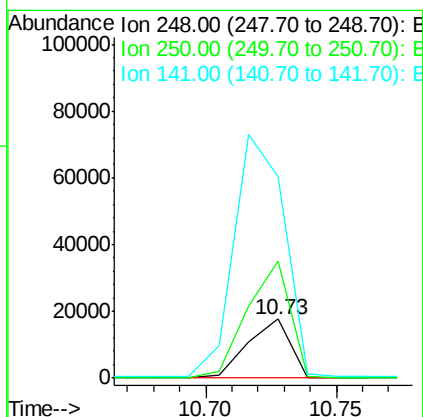
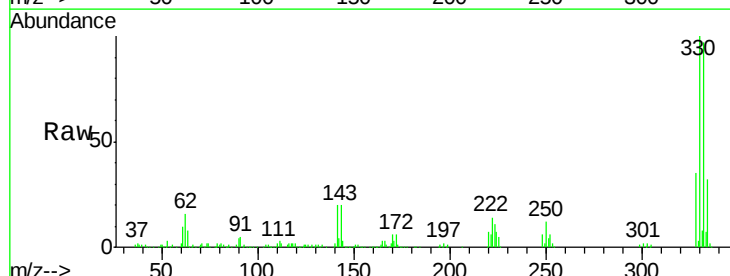
Instrument :
 BNA_F
 ClientSampled :
 W-45

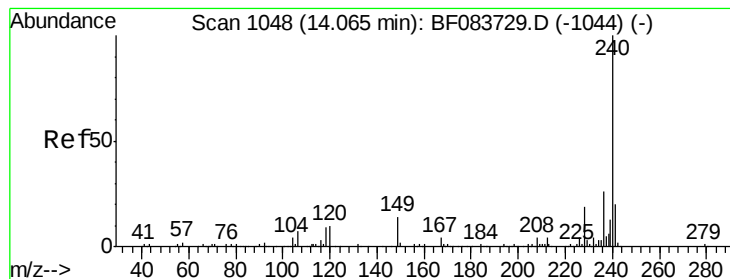
Tgt Ion:188 Resp: 381339
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 13.2 10.6 16.0



#66
 4-Bromophenyl-phenylether
 Concen: 4.78 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083800.D
 Acq: 15 Dec 2015 5:54

Tgt Ion:248 Resp: 20388
 Ion Ratio Lower Upper
 248 100
 250 196.7 79.2 118.8#
 141 341.3 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: BF083800.D

Acq: 15 Dec 2015 5:54

Instrument :

BNA_F

ClientSampleId :

W-45

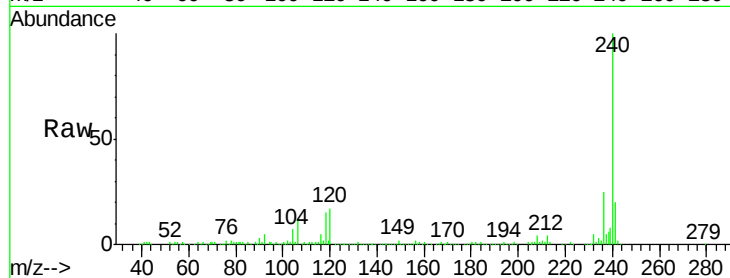
Tgt Ion:240 Resp: 340530

Ion Ratio Lower Upper

240 100

120 17.2 8.1 12.1#

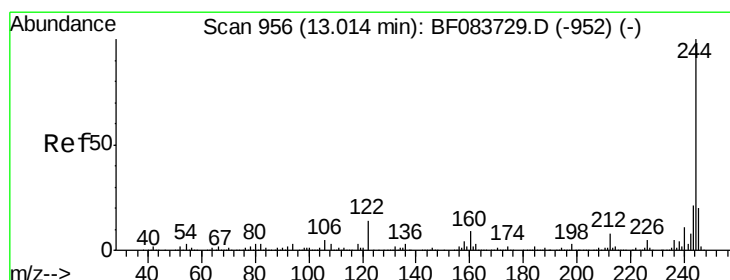
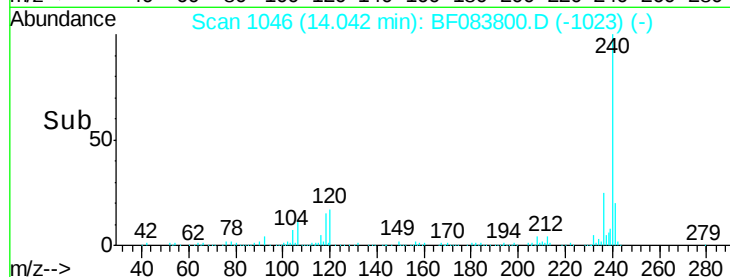
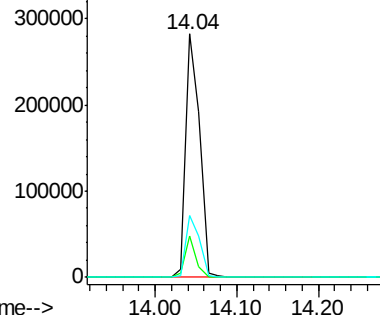
236 25.2 20.8 31.2



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: 74.18 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083800.D

Acq: 15 Dec 2015 5:54

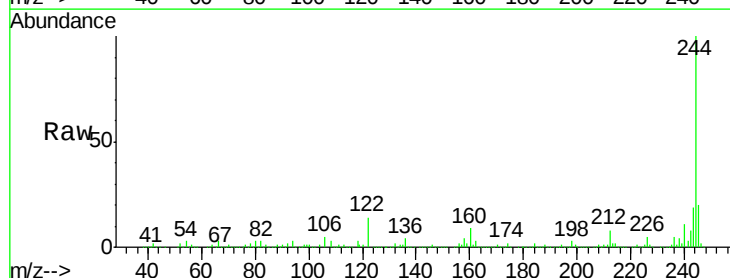
Tgt Ion:244 Resp: 1174267

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

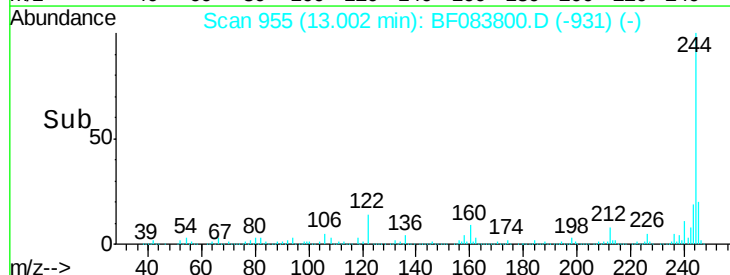
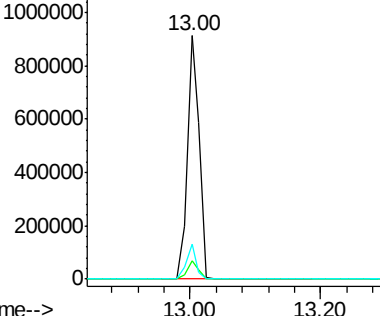
122 14.2 11.0 16.6

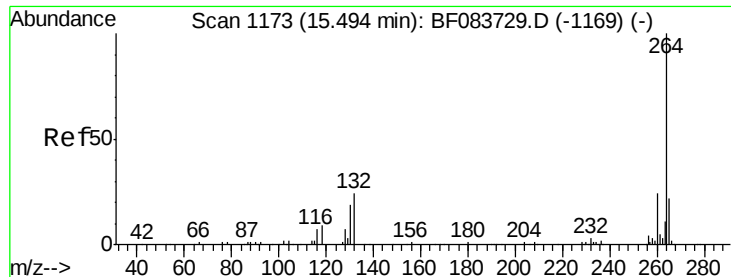


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083800.D
Acq: 15 Dec 2015 5:54

Instrument :
BNA_F
ClientSampleId :
W-45

Tgt Ion: 264 Resp: 274078
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 21.8 17.8 26.6

