

Data File : BF100031.D
Acq On : 1 Nov 2017 6:54
Operator : SJ/JU
Sample : I6094-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMMACK-WEST-COMP(0-3)

Quant Time: Nov 01 08:44:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83423	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	354158	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	169020	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	295036	20.00	ng	0.00
75) Chrysene-d12	13.98	240	183808	20.00	ng	0.00
86) Perylene-d12	15.48	264	153461	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	655785	123.41	ng	0.02
7) Phenol-d6	6.43	99	730357	115.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	494101	89.82	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206248	133.90	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1046449	95.52	ng	0.00
78) Terphenyl-d14	12.91	244	883014	104.99	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	12097	3.21	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	61649	16.70	ng	# 72
25) Isophorone	7.36	82	494167	49.51	ng	# 64
31) Naphthalene	8.09	128	36676	2.15	ng	98
50) 2,6-Dinitrotoluene	9.82	165	21075	7.49	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21075	6.22	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	12763	4.11	ng	# 1

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

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COMMACK-WEST-COMP(0-3)

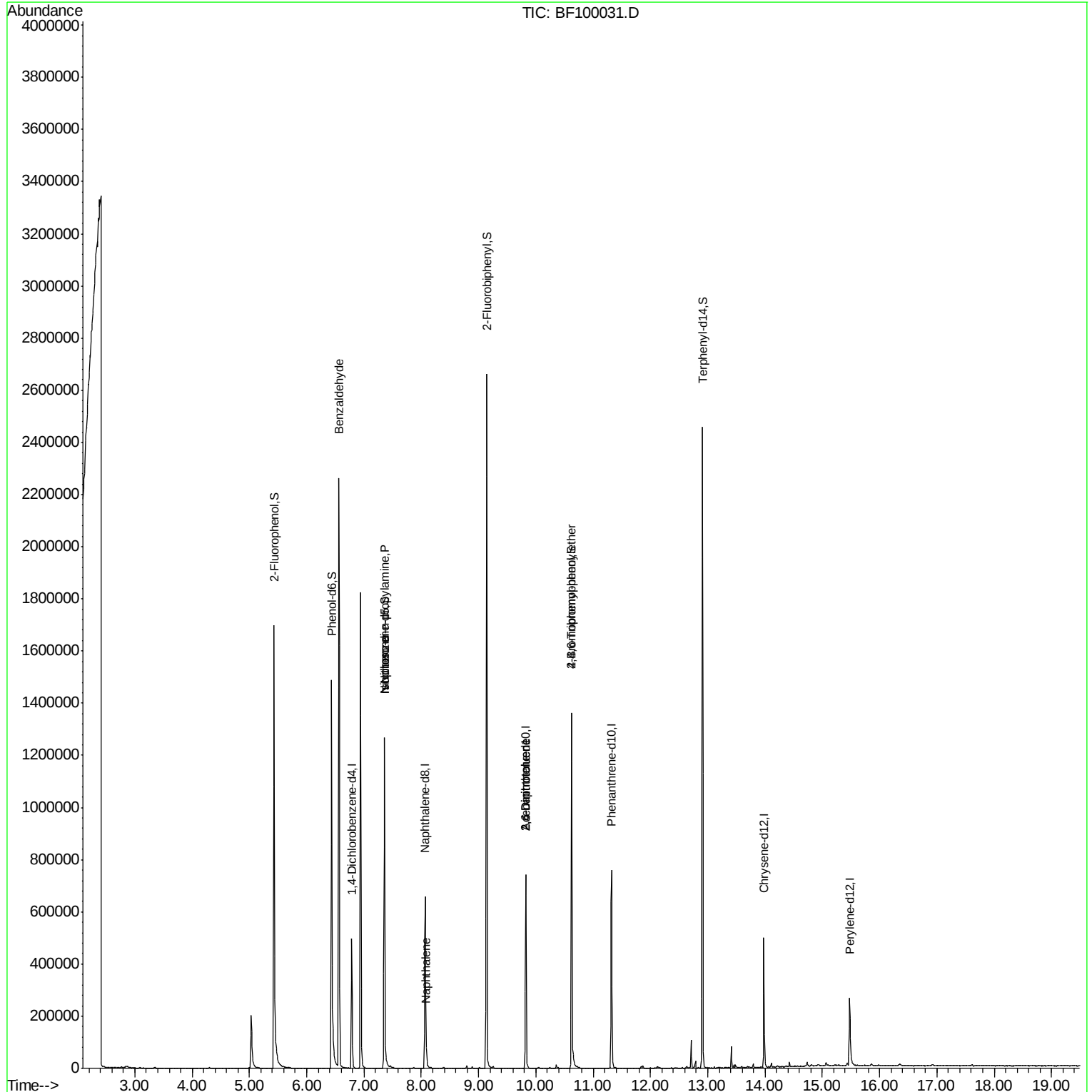
Quant Time: Nov 01 08:44:15 2017

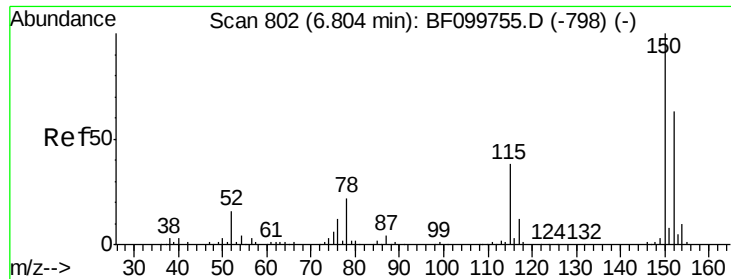
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

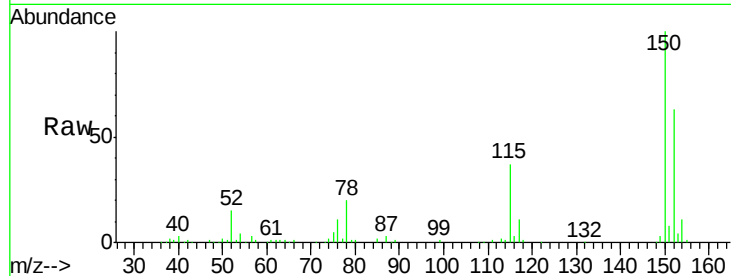




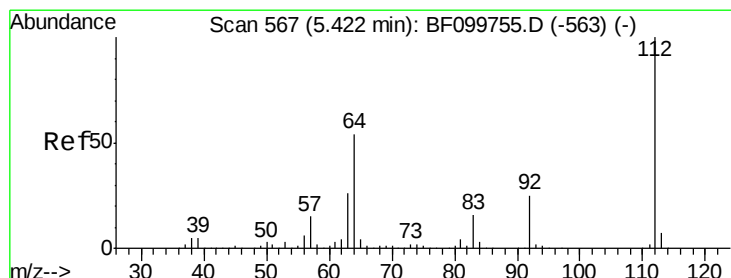
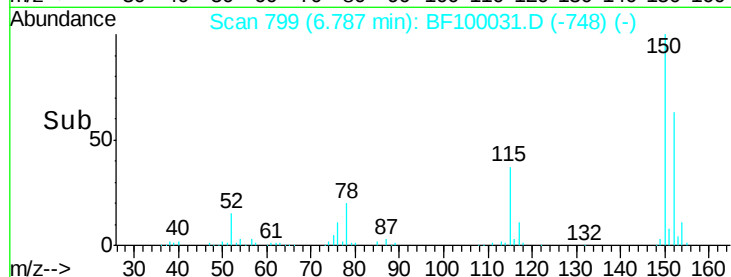
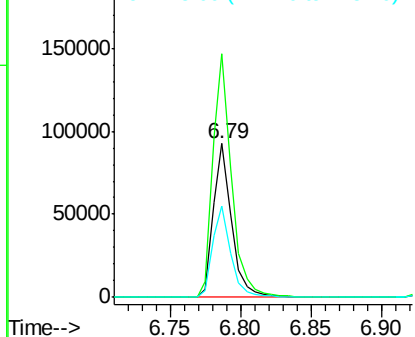
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-WEST-COMP(0-3)

Tgt Ion:152 Resp: 83423
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 59.1 50.1 75.1

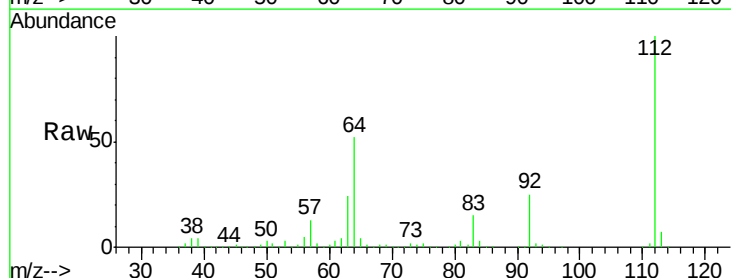


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

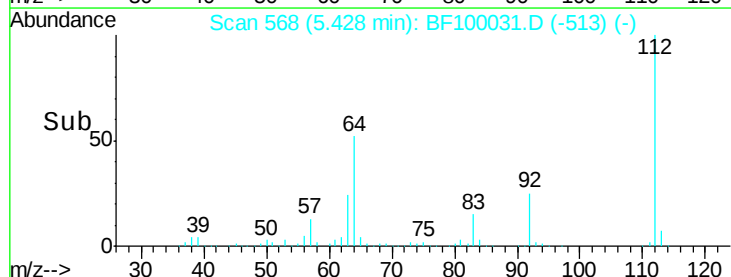
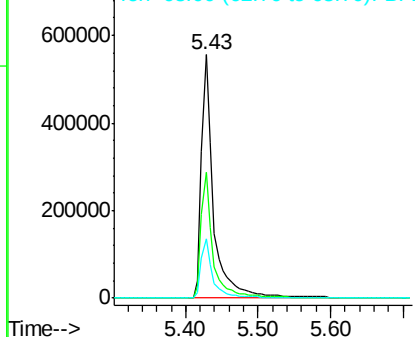


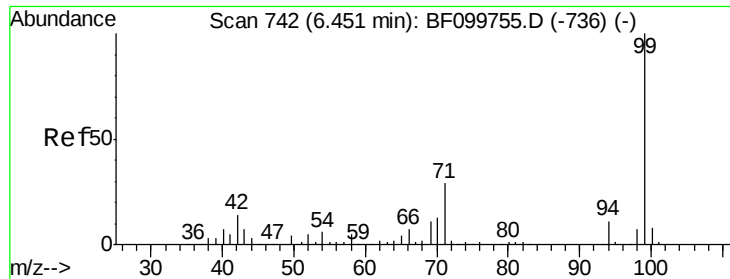
#5
 2-Fluorophenol
 Concen: 123.41 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Tgt Ion:112 Resp: 655785
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 24.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 115.92 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100031.D

Acq: 1 Nov 2017 6:54

Instrument :

BNA_F

ClientSampleId :

COMMACK-WEST-COMP(0-3)

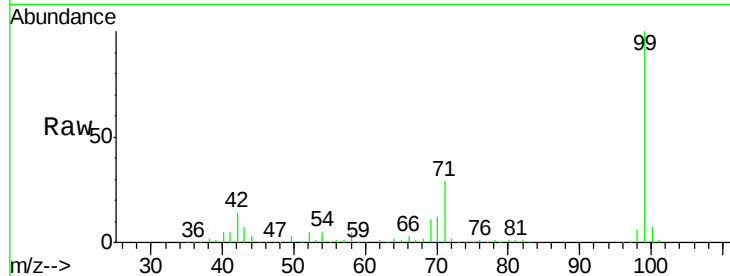
Tgt Ion: 99 Resp: 730357

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

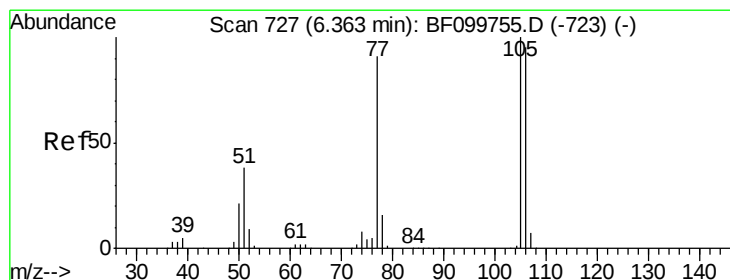
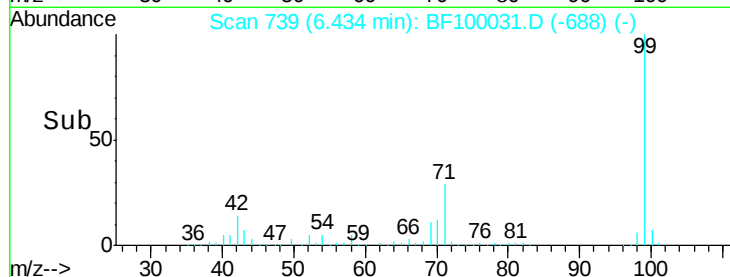
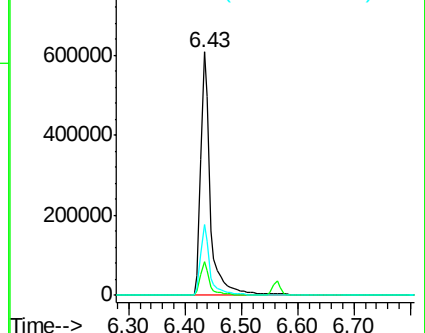
71 28.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.21 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100031.D

Acq: 1 Nov 2017 6:54

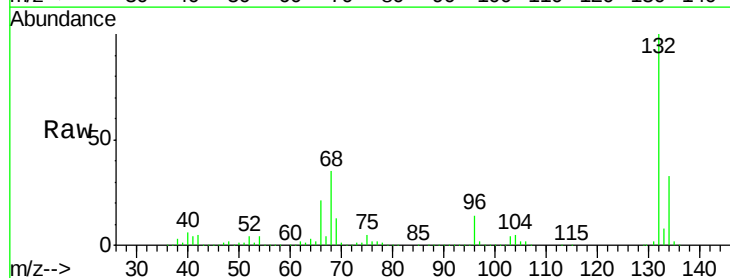
Tgt Ion: 77 Resp: 12097

Ion Ratio Lower Upper

77 100

105 90.7 81.1 121.1

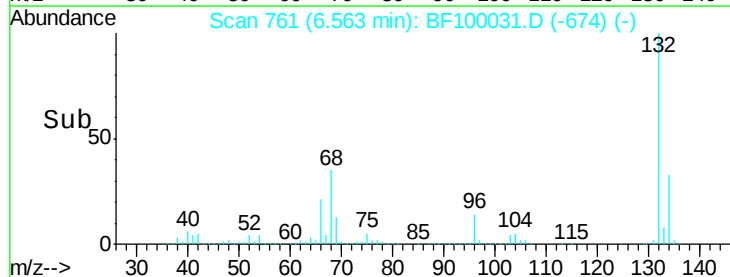
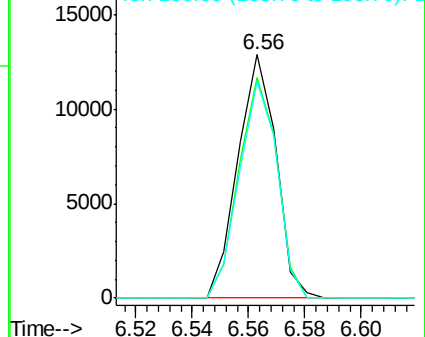
106 89.0 74.5 114.5

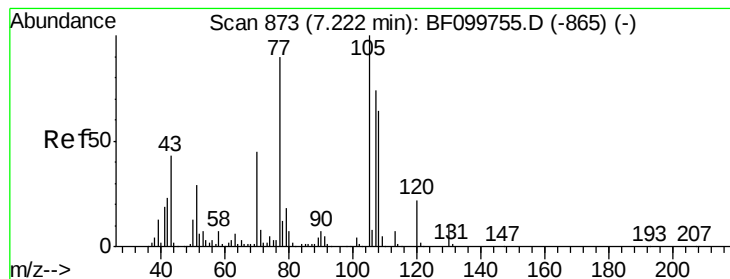


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 16.70 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF100031.D

Acq: 1 Nov 2017 6:54

Instrument :

BNA_F

ClientSampleId :

COMMACK-WEST-COMP(0-3)

Tgt Ion: 70 Resp: 61649

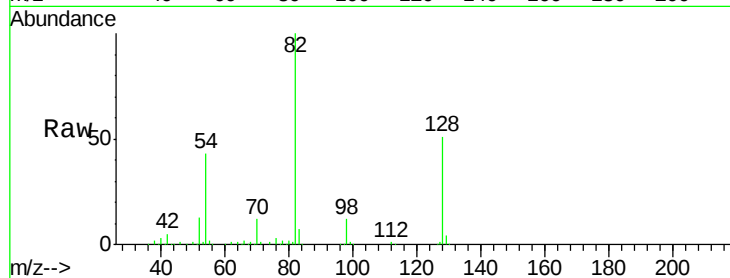
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



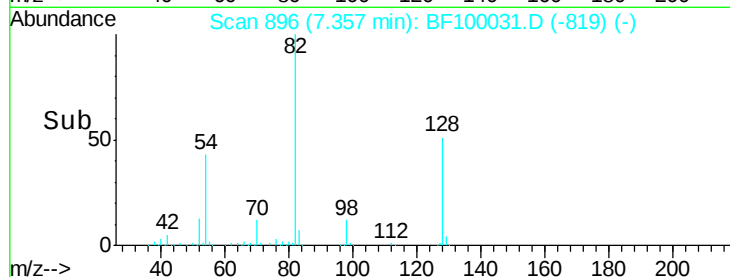
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

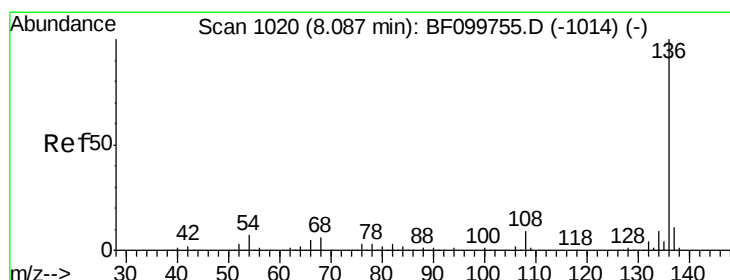
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100031.D

Acq: 1 Nov 2017 6:54

Tgt Ion: 136 Resp: 354158

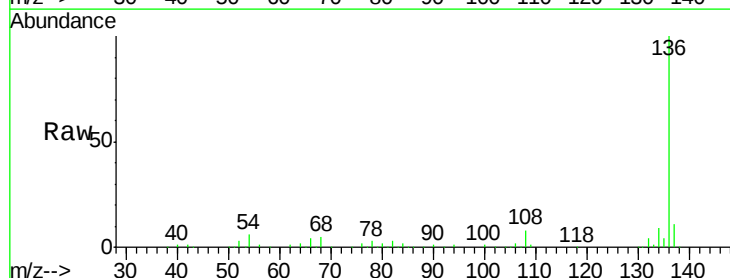
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.9 6.6 9.8#

68 5.3 5.0 7.4



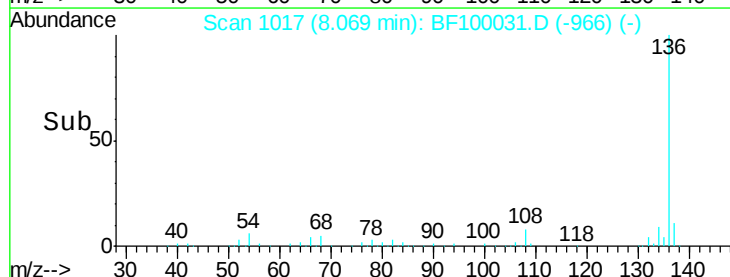
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

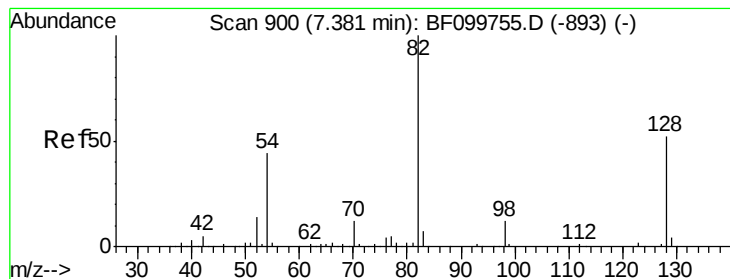
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 89.82 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF100031.D

Acq: 1 Nov 2017 6:54

Instrument :

BNA_F

ClientSampleId :

COMMACK-WEST-COMP(0-3)

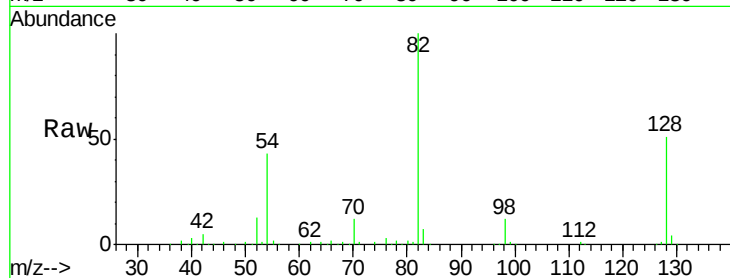
Tgt Ion: 82 Resp: 494101

Ion Ratio Lower Upper

82 100

128 51.0 36.1 54.1

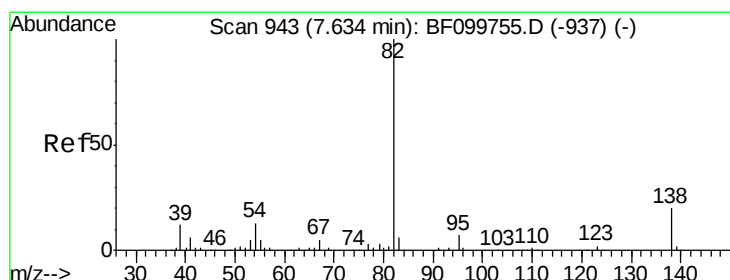
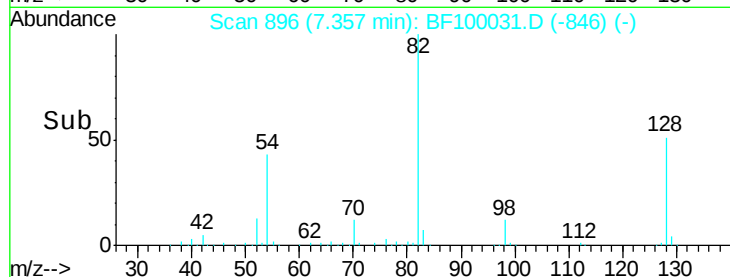
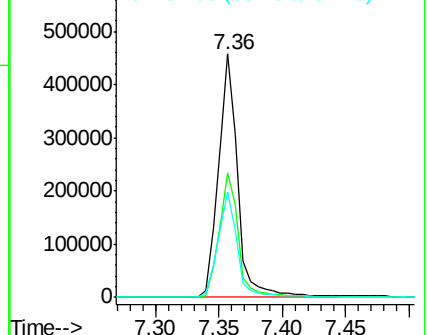
54 43.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 49.51 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF100031.D

Acq: 1 Nov 2017 6:54

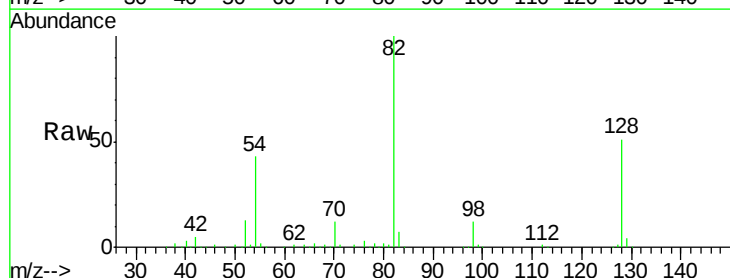
Tgt Ion: 82 Resp: 494167

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

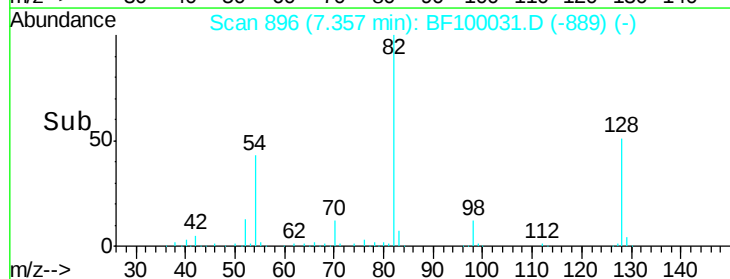
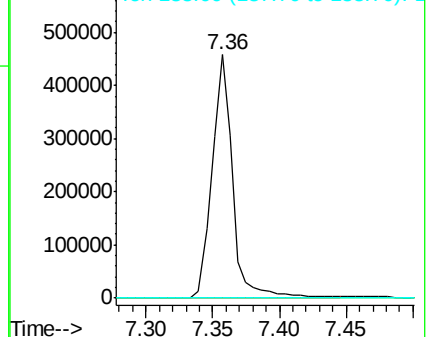
138 0.0 14.9 22.3#

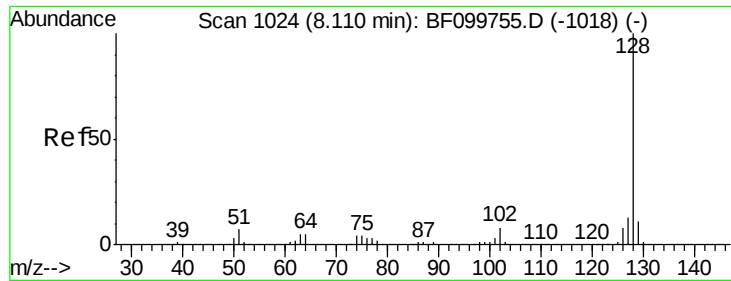


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

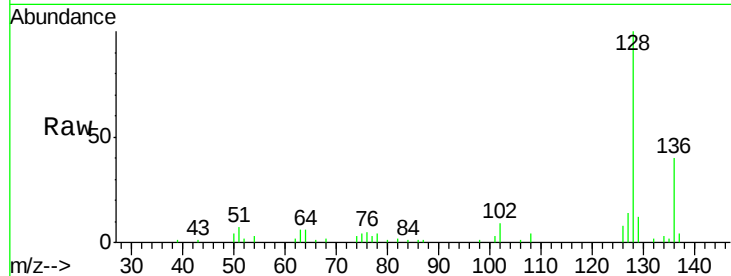




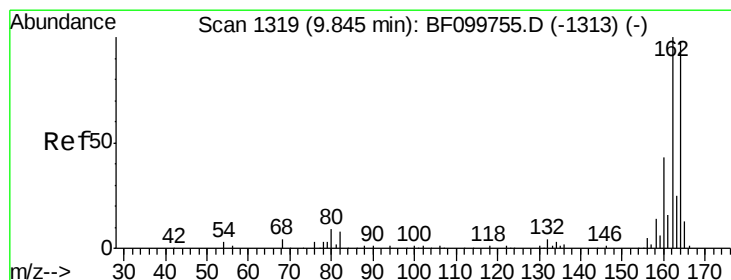
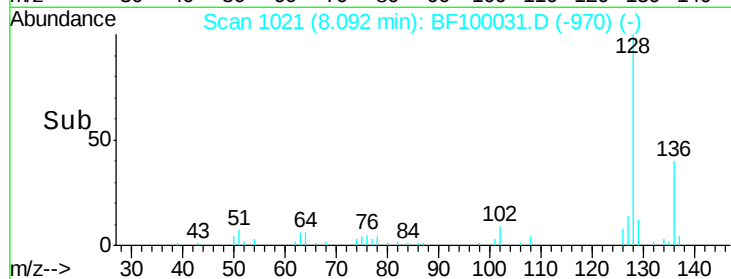
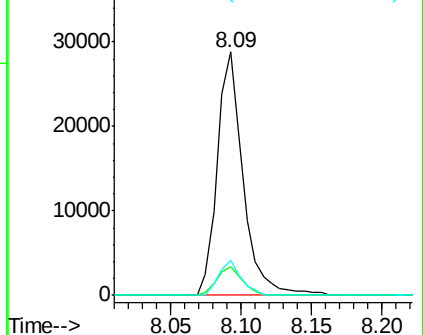
#31
Naphthalene
Concen: 2.15 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Instrument :
BNA_F
ClientSampleId :
COMMACK-WEST-COMP(0-3)

Tgt Ion:128 Resp: 36676
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.4 10.9 16.3

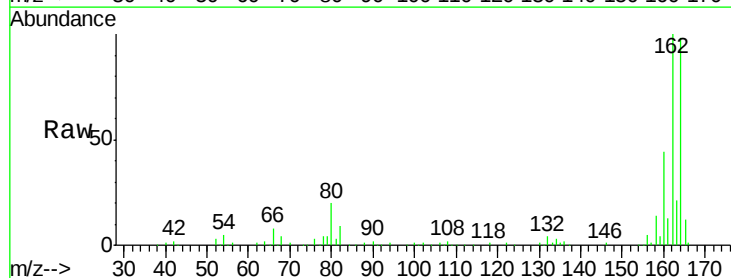


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

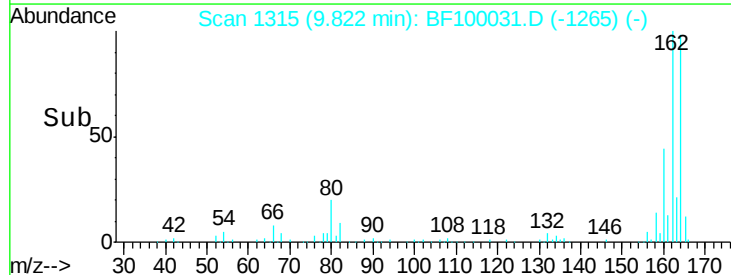
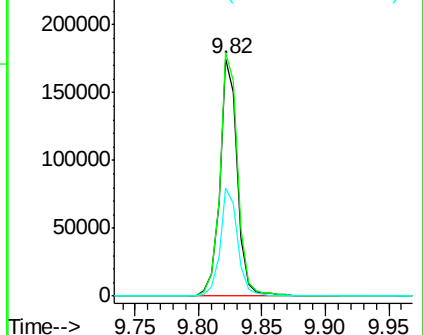


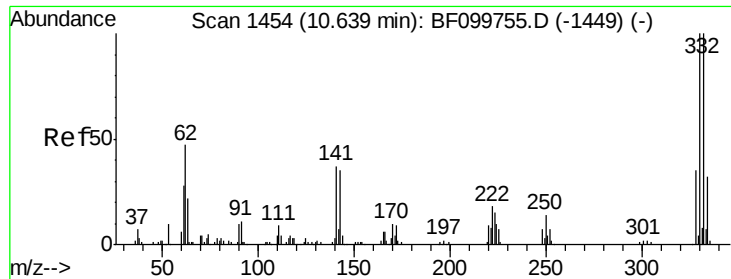
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Tgt Ion:164 Resp: 169020
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 45.4 38.3 57.5



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

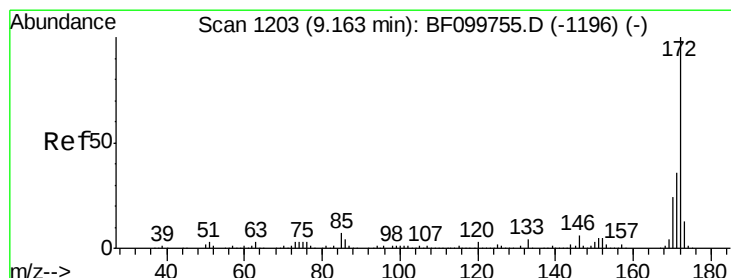
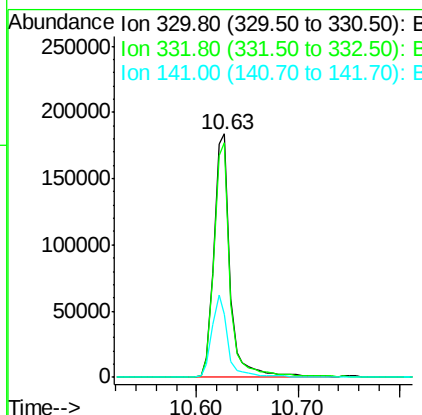
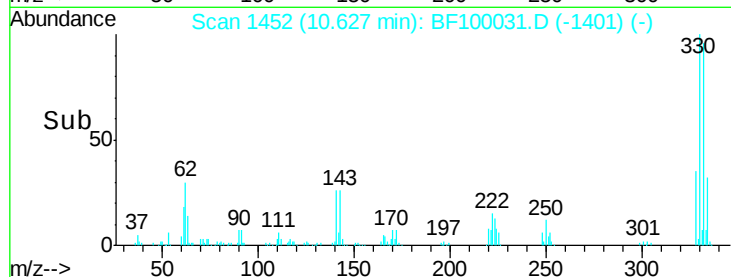
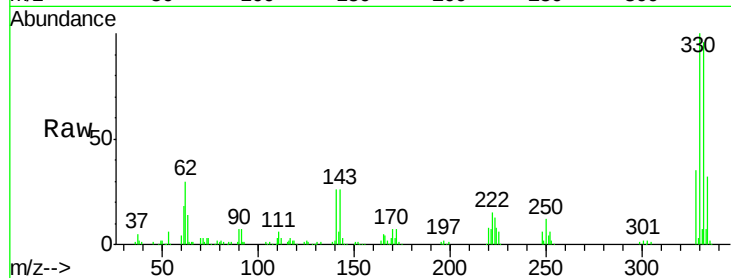




#41
 2,4,6-Tribromophenol
 Concen: 133.90 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

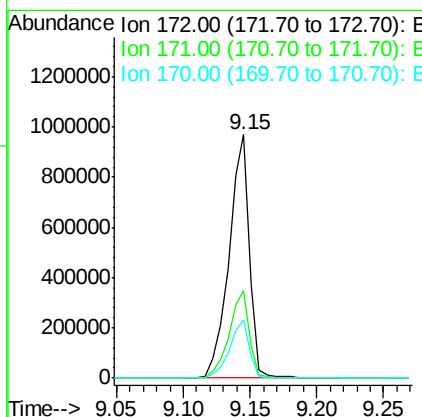
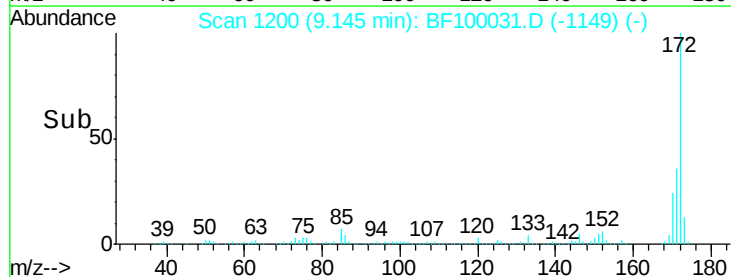
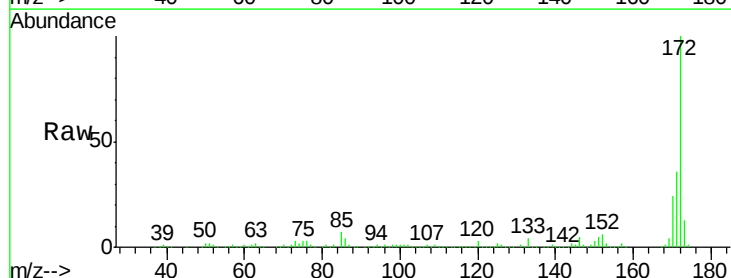
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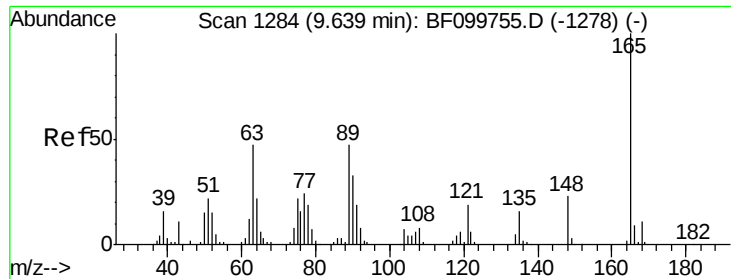
Tgt Ion:330 Resp: 206248
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 95.52 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Tgt Ion:172 Resp: 1046449
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 19.6 29.4

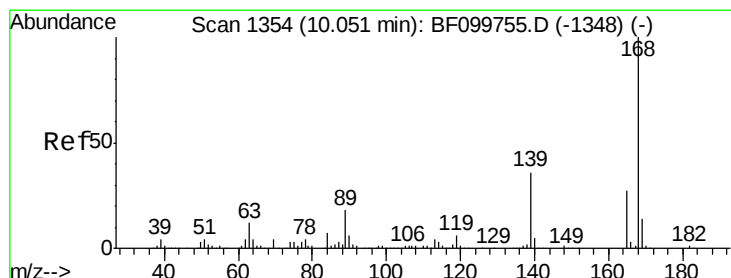
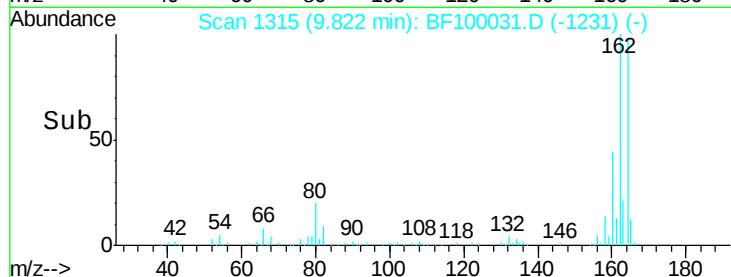
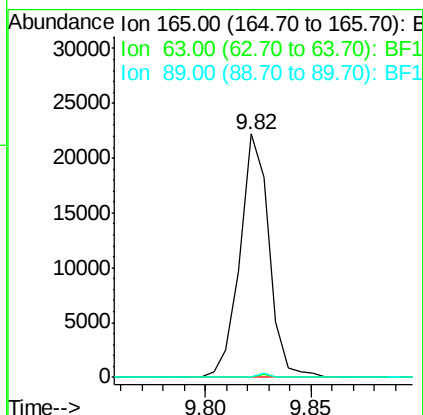
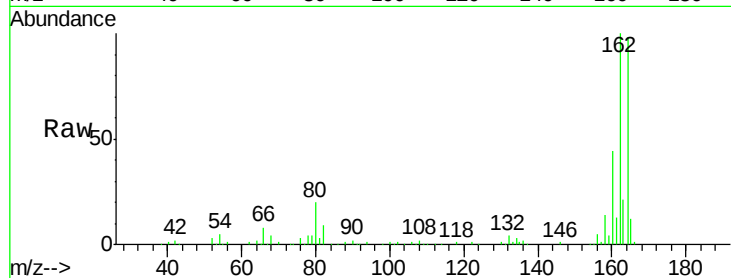




#50
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

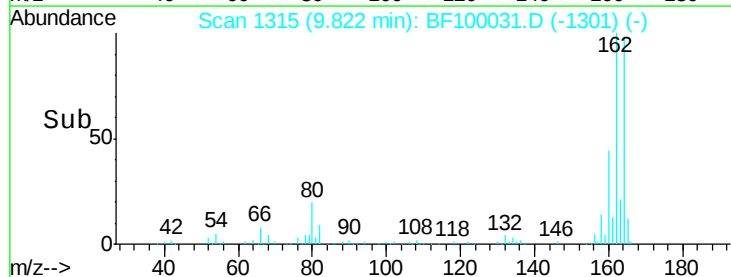
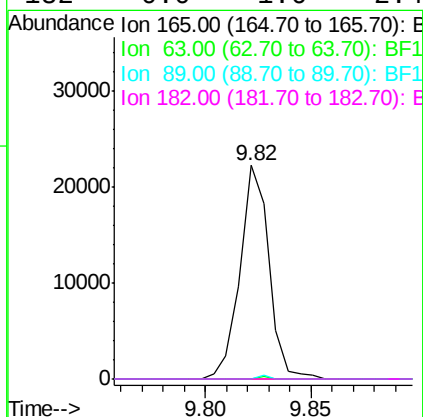
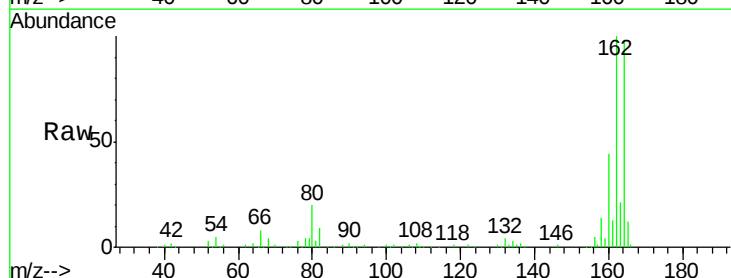
Instrument :
BNA_F
ClientSampleId :
COMMACK-WEST-COMP(0-3)

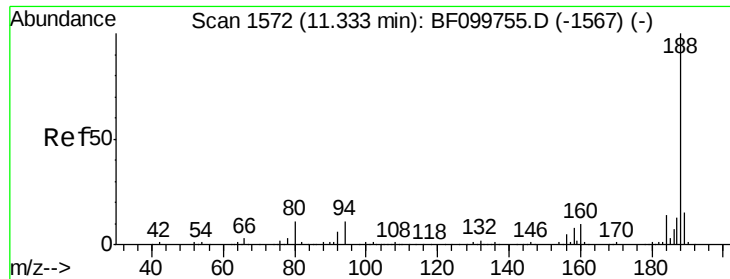
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

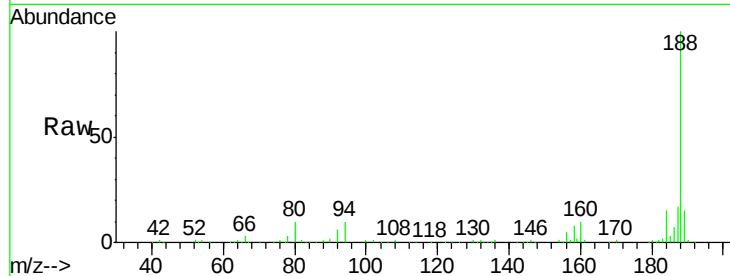




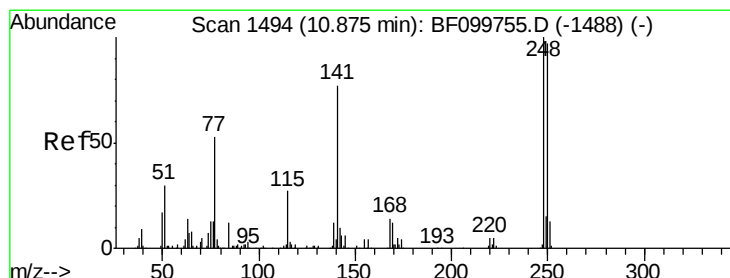
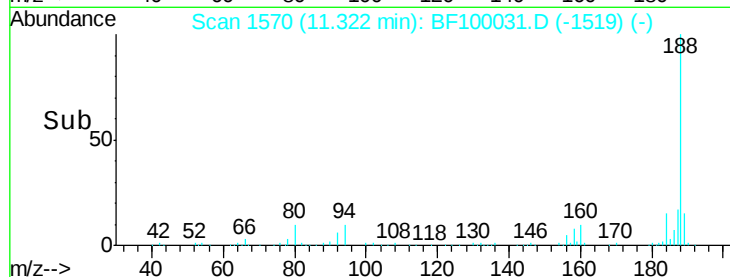
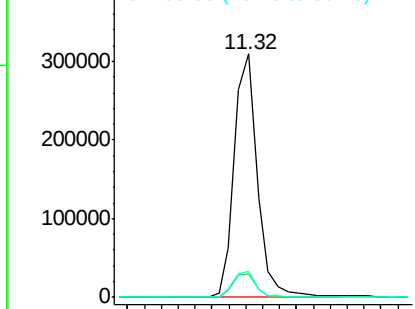
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Instrument :
BNA_F
ClientSampleId :
COMMACK-WEST-COMP(0-3)

Tgt Ion:188 Resp: 295036
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.4 9.2 13.8

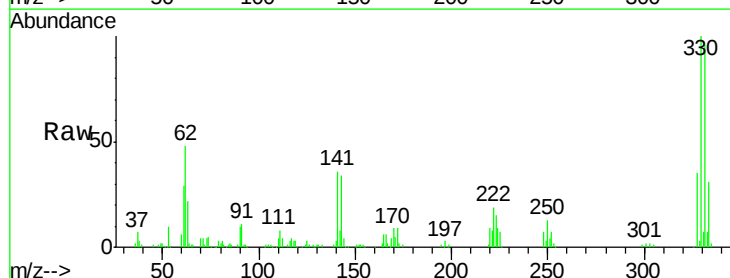


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

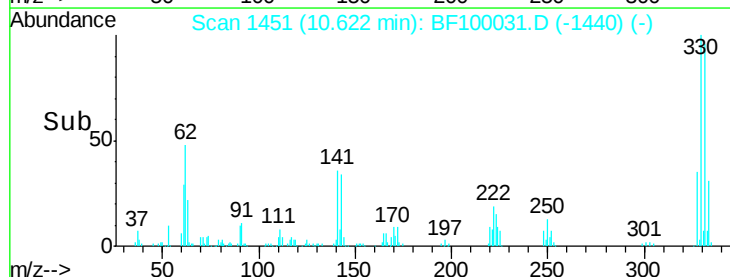
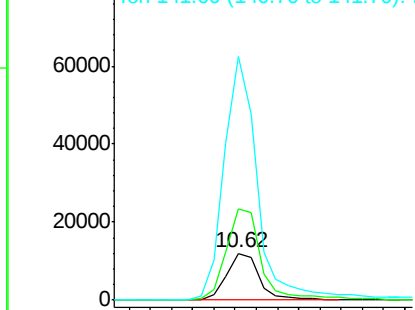


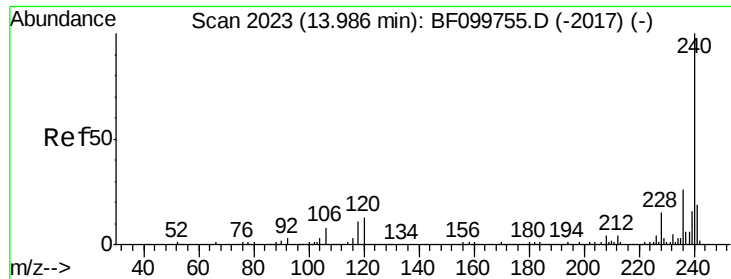
#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Tgt Ion:248 Resp: 12763
Ion Ratio Lower Upper
248 100
250 193.7 76.9 115.3#
141 516.6 74.4 111.6#



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

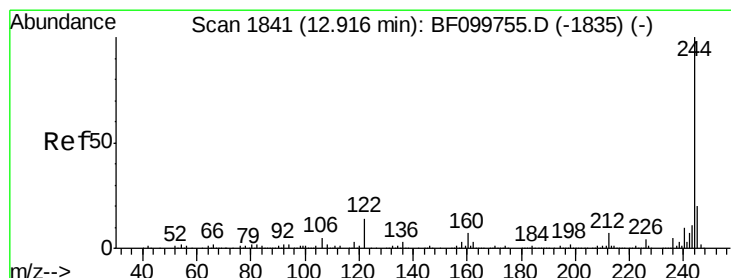
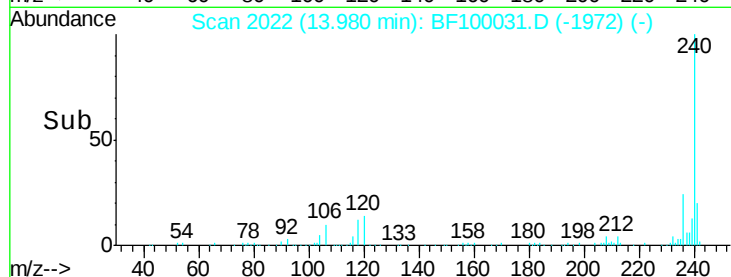
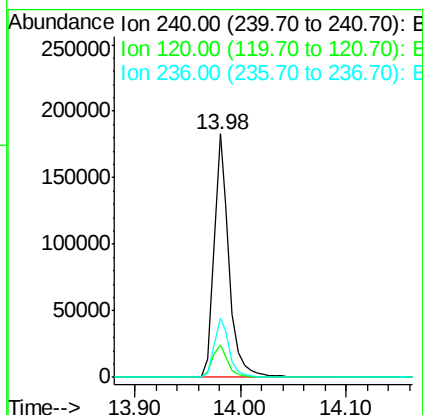
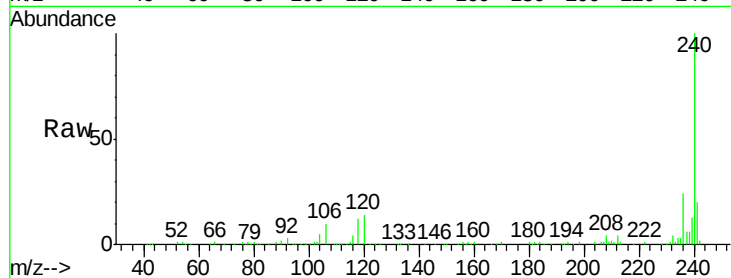




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

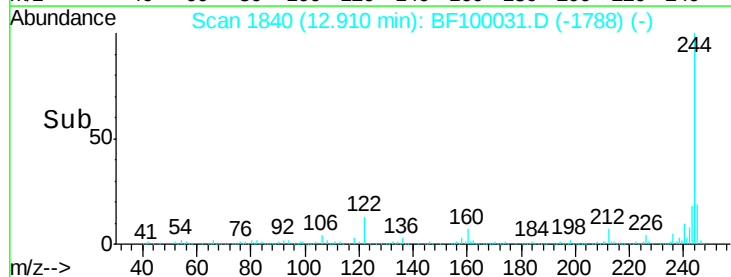
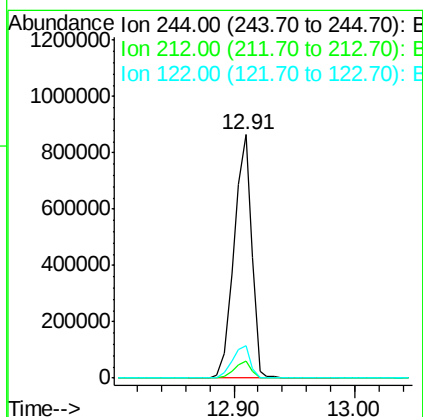
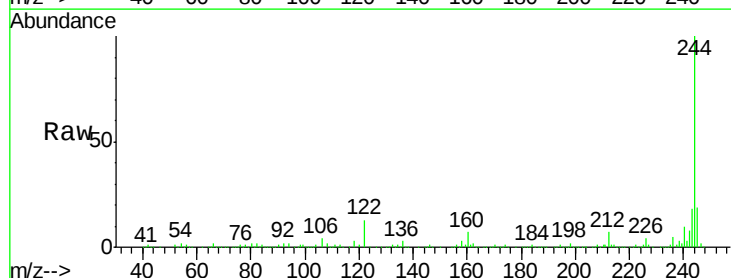
Instrument :
BNA_F
ClientSampleId :
COMMACK-WEST-COMP(0-3)

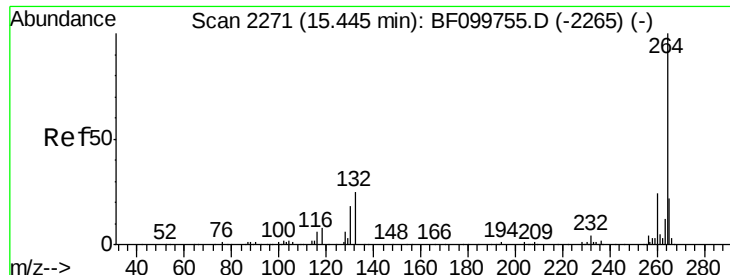
Tgt Ion:240 Resp: 183808
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 24.3 20.7 31.1



#78
Terphenyl-d14
Concen: 104.99 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Tgt Ion:244 Resp: 883014
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.3 11.0 16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Instrument :
BNA_F
ClientSampleId :
COMMACK-WEST-COMP(0-3)

Tgt Ion: 264 Resp: 153461
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.7 17.5 26.3

