

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099288.D
 Acq On : 10 Oct 2017 4:06
 Operator : SJ/JU
 Sample : PB103106BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 05:23:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

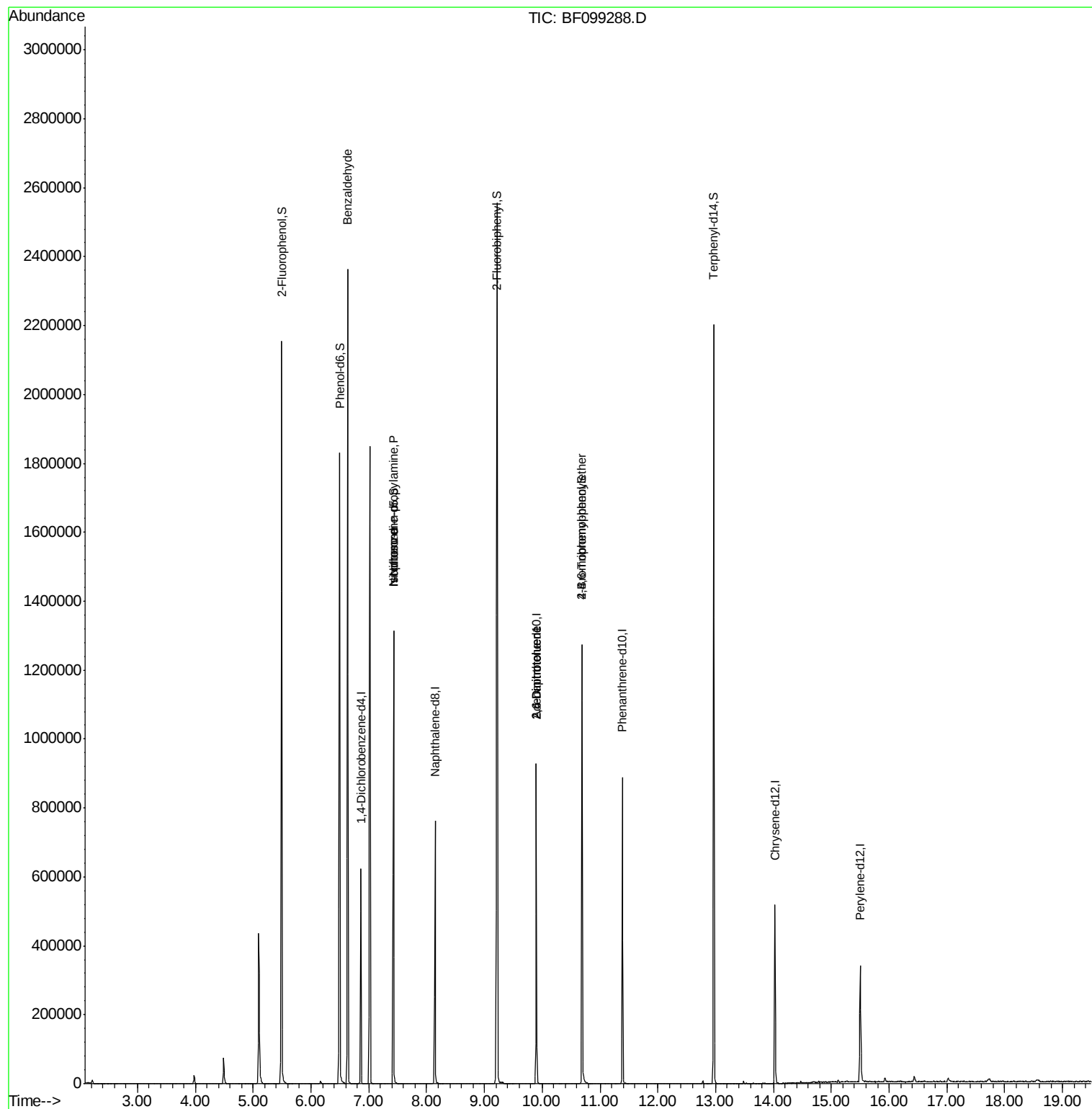
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	93132	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	390426	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	175792	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	298963	20.00	ng	0.00
75) Chrysene-d12	14.03	240	176689	20.00	ng	0.00
86) Perylene-d12	15.50	264	167512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	649947	111.10	ng	0.01
7) Phenol-d6	6.50	99	780721	108.18	ng	0.00
23) Nitrobenzene-d5	7.43	82	459206	75.43	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	162433	112.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	925196	87.86	ng	-0.01
78) Terphenyl-d14	12.97	244	704222	90.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13089	3.13	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.43	70	57810	12.55	ng	# 72
25) Isophorone	7.43	82	456689	36.28	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	21879	7.57	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	21879	5.84	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	10419	3.56	ng	# 1

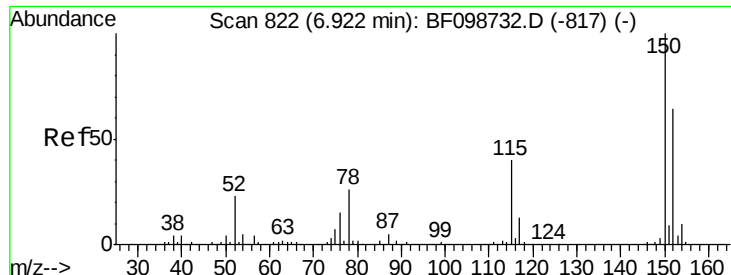
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
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ALS Vial : 29 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Oct 10 05:23:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099288.D

Acq: 10 Oct 2017 4:06

Instrument :

BNA_F

ClientSampleId :

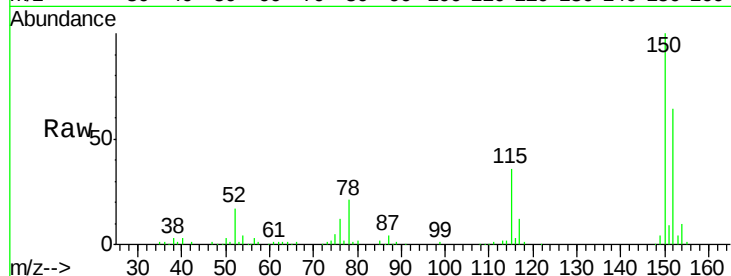
Tot Ion:152 Resp: 93132

Ion Ratio Lower Upper

152 100

150 157.4 124.6 186.8

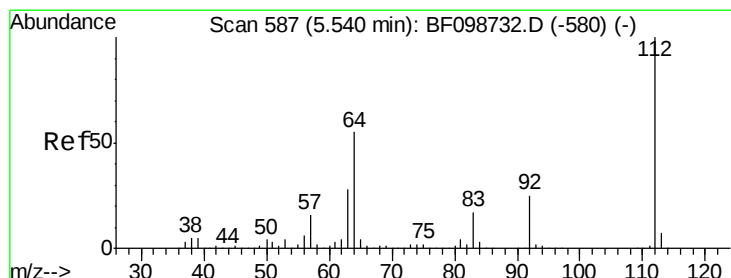
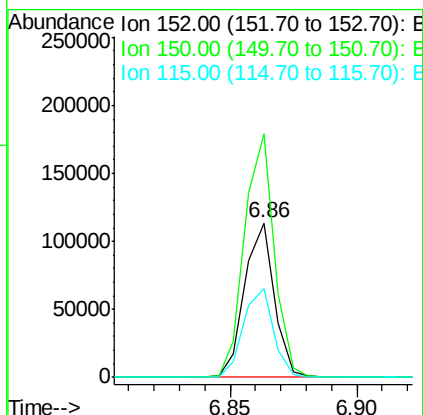
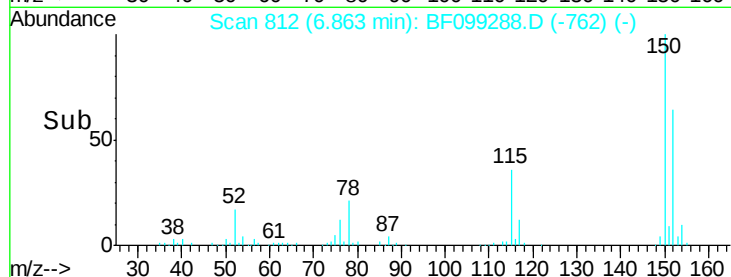
115 57.2 50.1 75.1



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: 111.10 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF099288.D

Acq: 10 Oct 2017 4:06

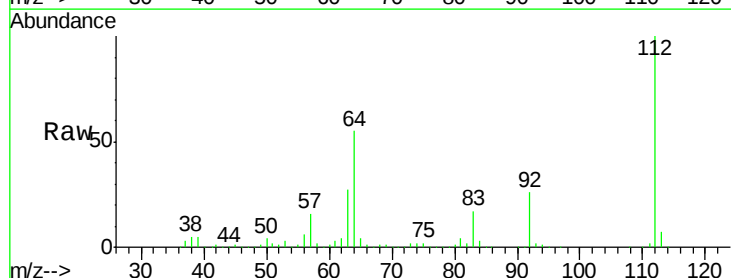
Tgt Ion:112 Resp: 649947

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

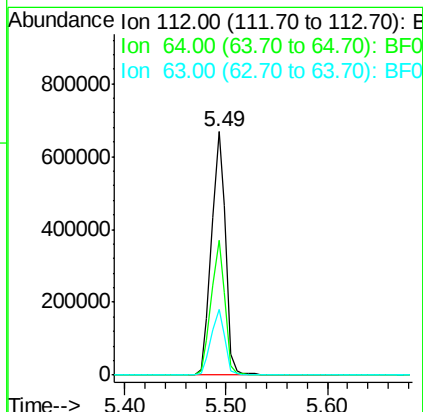
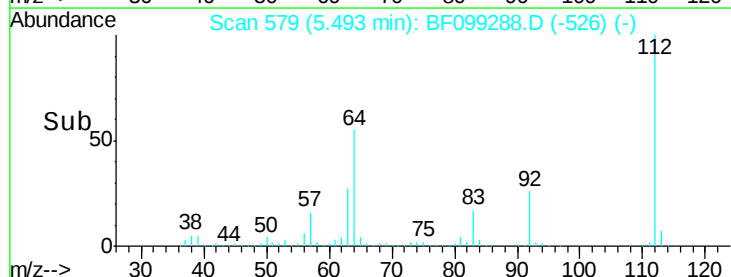
63 26.8 23.7 35.5

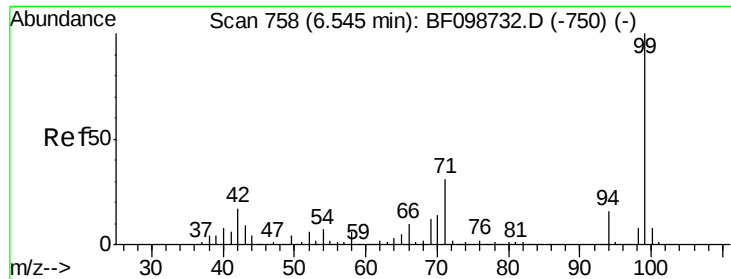


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.18 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099288.D

Acq: 10 Oct 2017 4:06

Instrument :

BNA_F

ClientSampled :

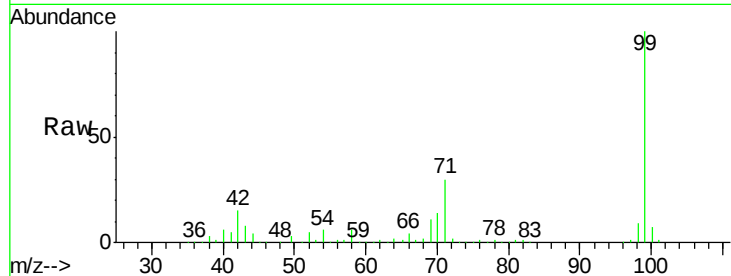
Tot Ion: 99 Resp: 780721

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

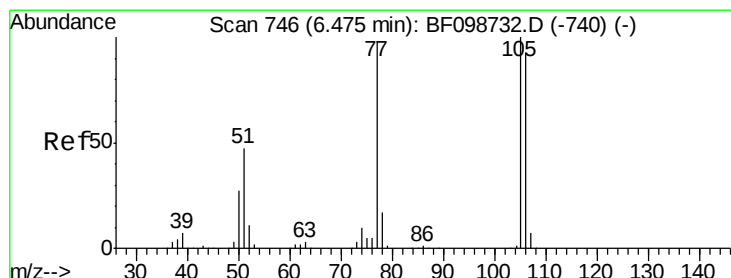
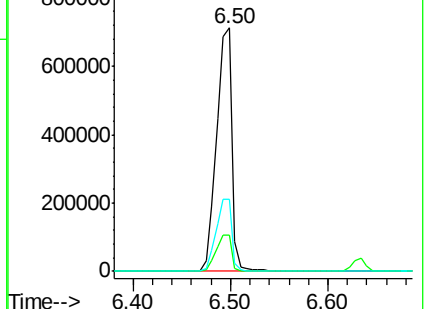
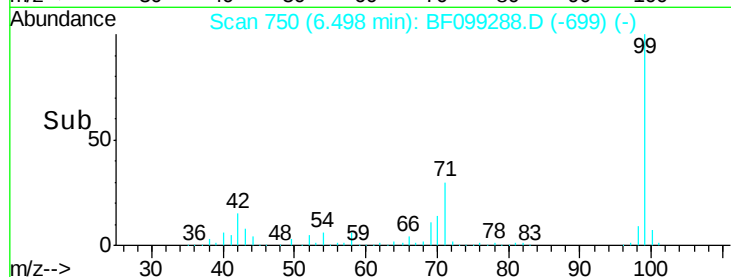
71 29.8 25.4 38.0



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: 3.13 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099288.D

Acq: 10 Oct 2017 4:06

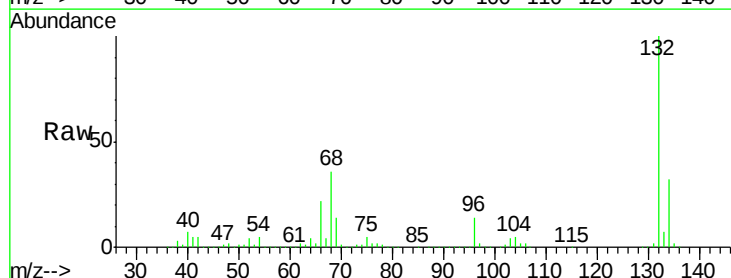
Tgt Ion: 77 Resp: 13089

Ion Ratio Lower Upper

77 100

105 88.3 81.1 121.1

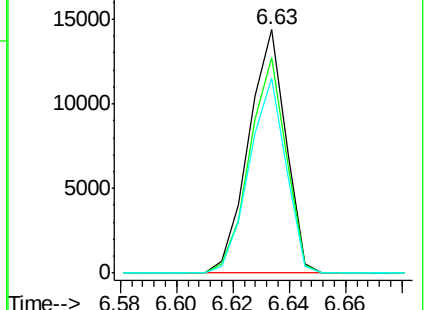
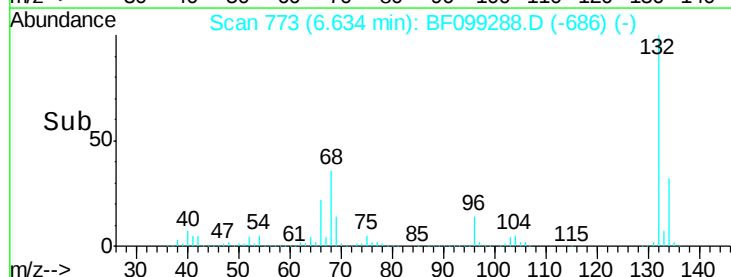
106 80.1 74.5 114.5



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

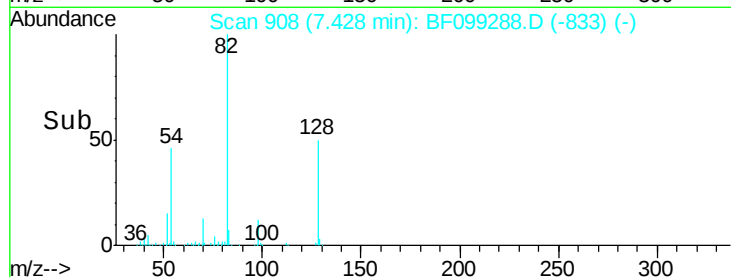
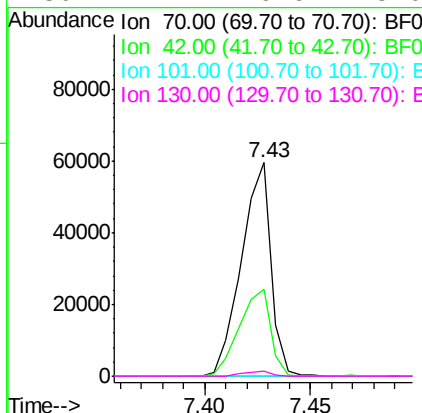
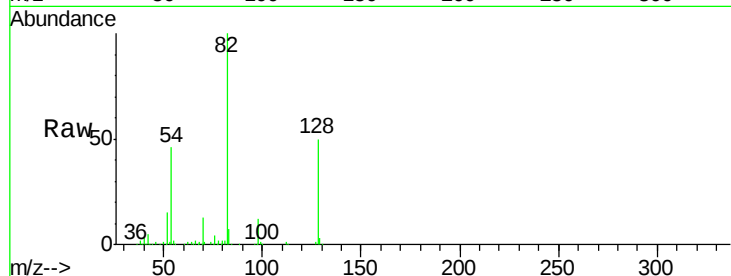




#19
n-Nitroso-di-n-propylamine
Concen: 12.55 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099288.D
Acq: 10 Oct 2017 4:06

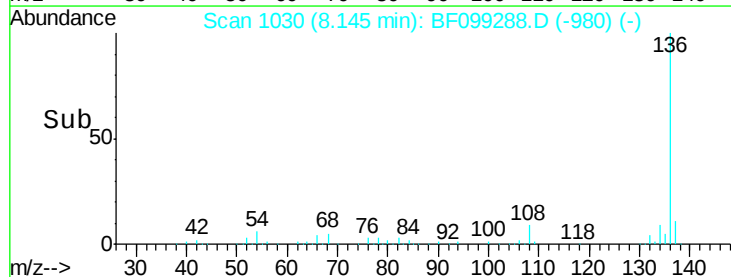
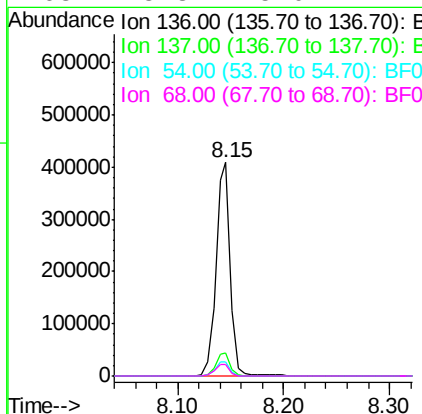
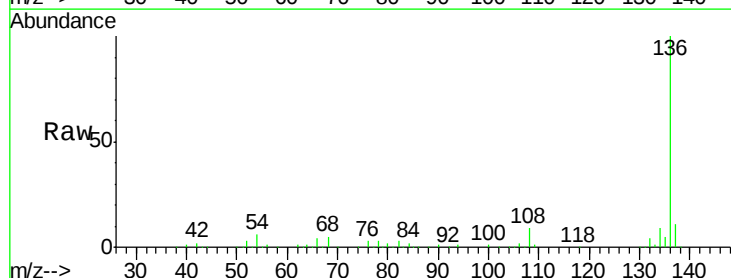
Instrument :
BNA_F
ClientSampleId :

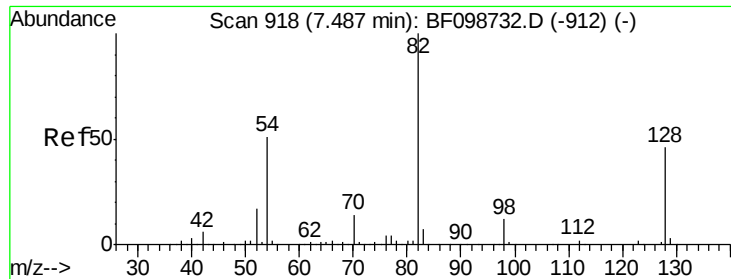
Tot Ion: 70 Resp: 57810
Ion Ratio Lower Upper
70 100
42 40.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099288.D
Acq: 10 Oct 2017 4:06

Tgt Ion: 136 Resp: 390426
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 6.6 9.8#
68 5.3 5.0 7.4

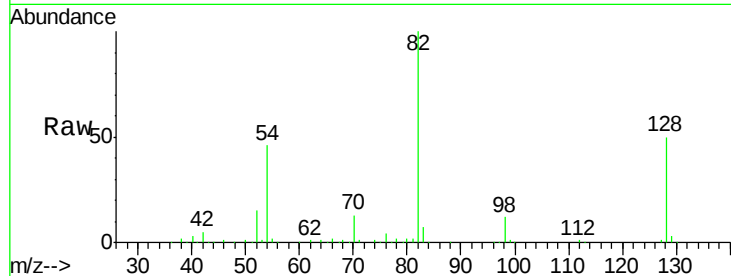




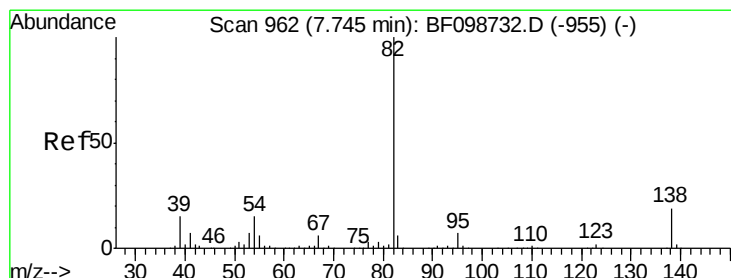
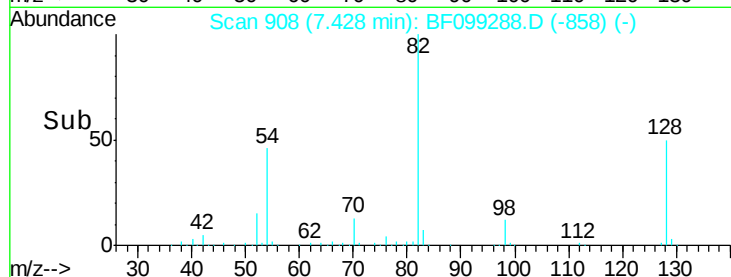
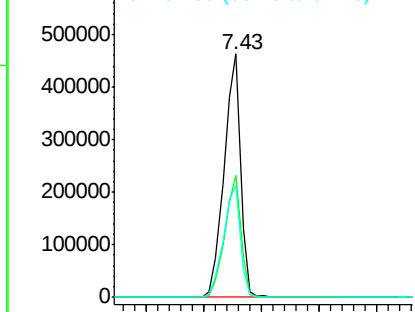
#23
 Nitrobenzene-d5
 Concen: 75.43 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099288.D
 Acq: 10 Oct 2017 4:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	459206
Ion Ratio	100	Lower	Upper
128	50.3	36.1	54.1
54	46.1	41.4	62.2

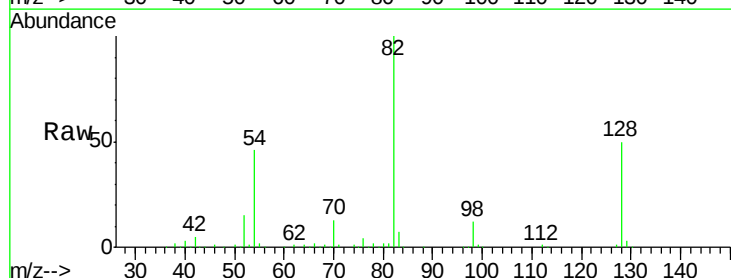


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

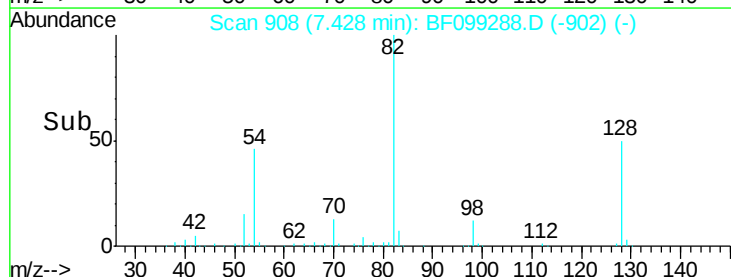
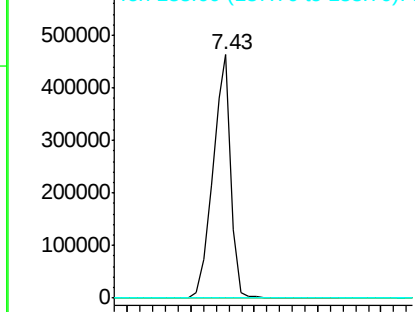


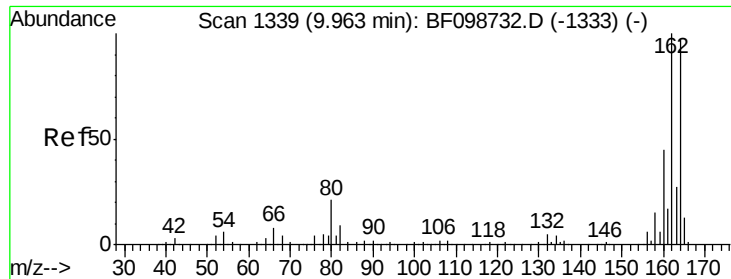
#25
 Isophorone
 Concen: 36.28 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099288.D
 Acq: 10 Oct 2017 4:06

Tgt Ion	82	Resp	456689
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

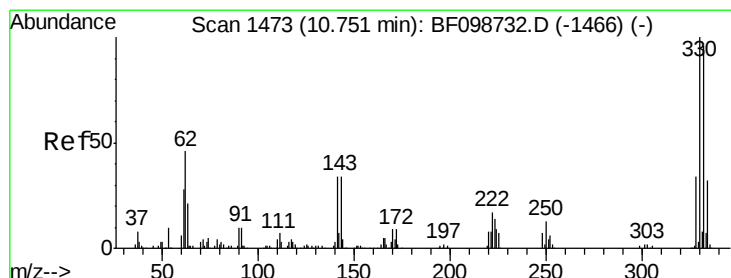
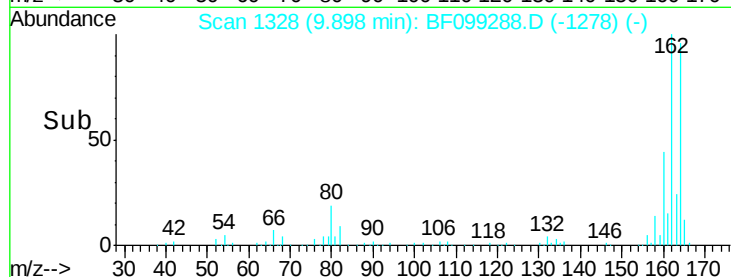
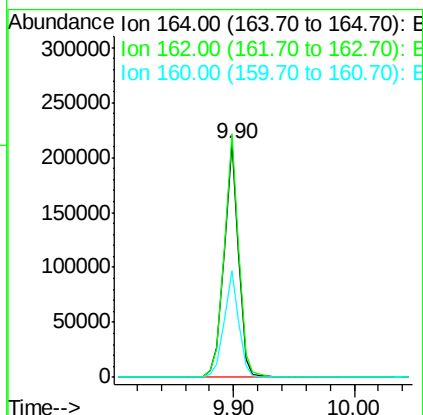
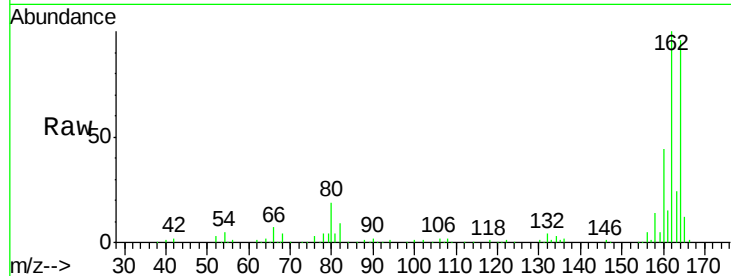




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099288.D
Acq: 10 Oct 2017 4:06

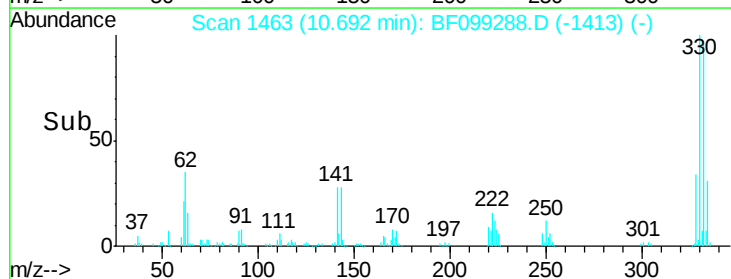
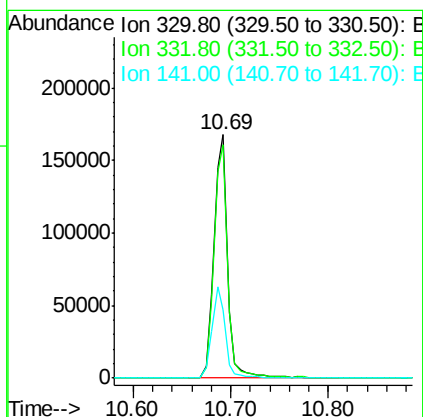
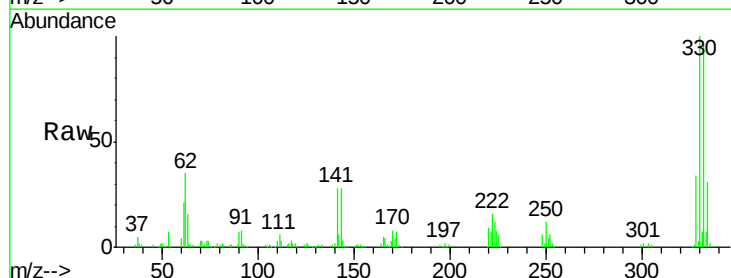
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 175792
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 112.92 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099288.D
Acq: 10 Oct 2017 4:06

Tgt Ion:330 Resp: 162433
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 36.9 29.9 44.9

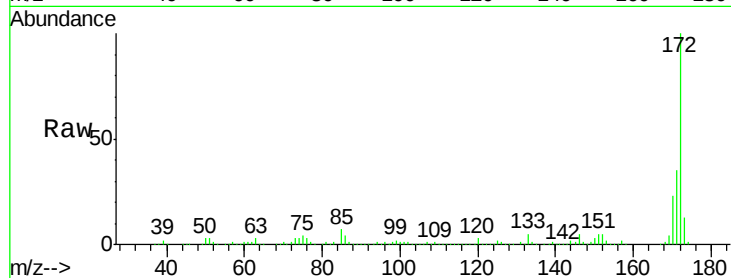




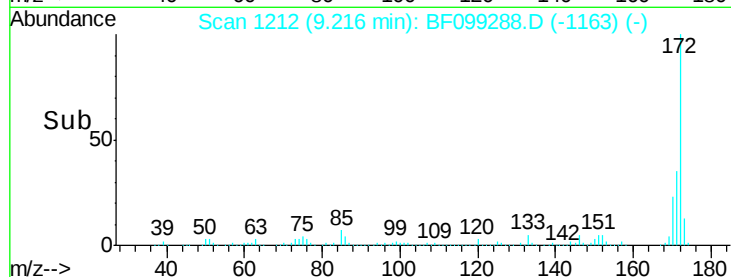
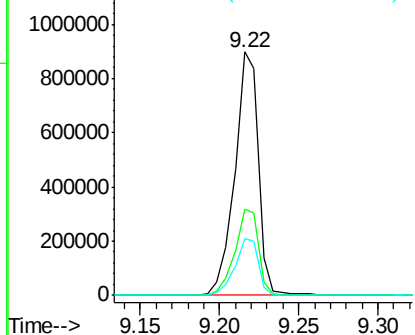
#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099288.D
 Acq: 10 Oct 2017 4:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 925196
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.4 19.6 29.4

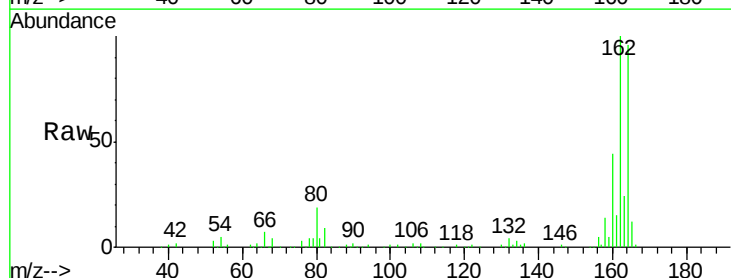


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

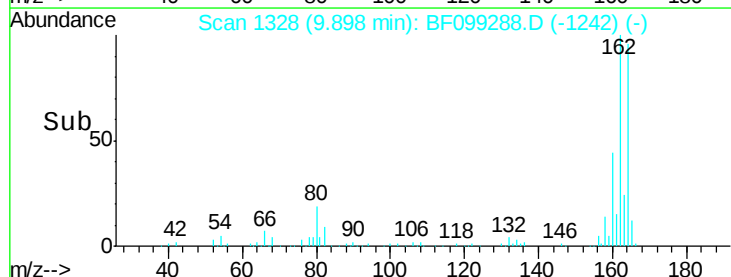
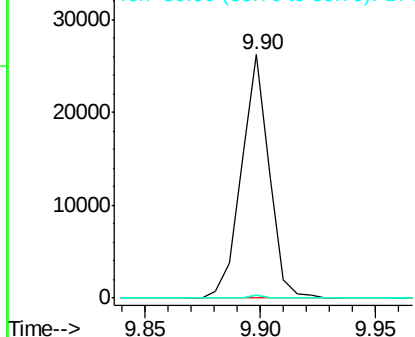


#50
 2,6-Dinitrotoluene
 Concen: 7.57 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099288.D
 Acq: 10 Oct 2017 4:06

Tgt Ion:165 Resp: 21879
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.3 44.0 66.0#



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

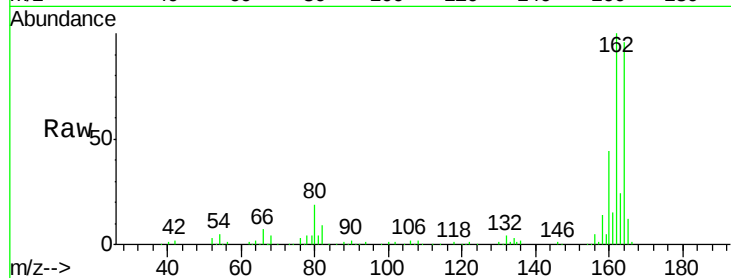




#56
 2,4-Dinitrotoluene
 Concen: 5.84 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099288.D
 Acq: 10 Oct 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	21879
Ion Ratio	Lower	Upper
165	100	
63	1.4	36.4 54.6#
89	1.3	57.8 86.6#
182	0.0	1.6 2.4#

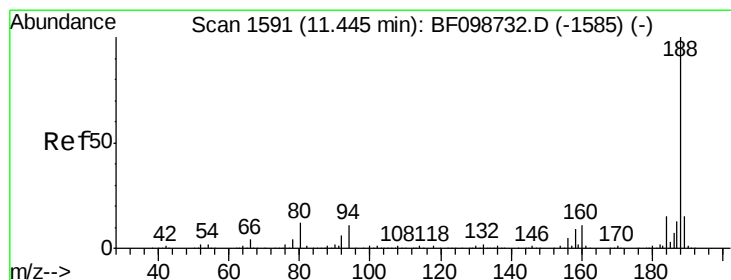
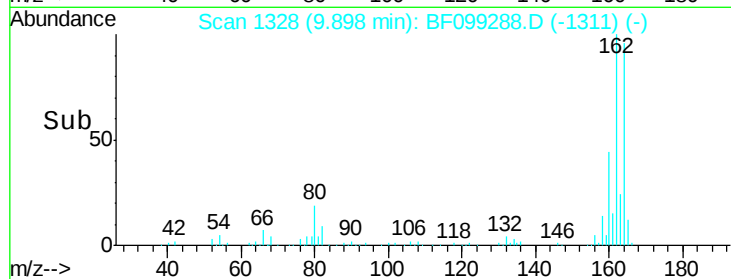
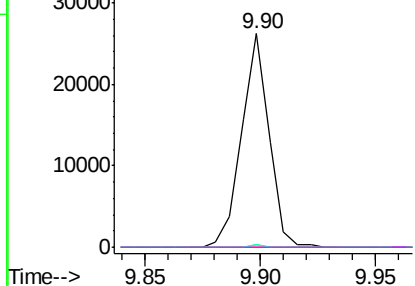


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

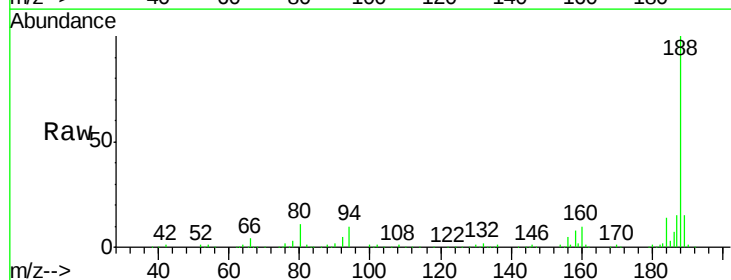
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099288.D
 Acq: 10 Oct 2017 4:06

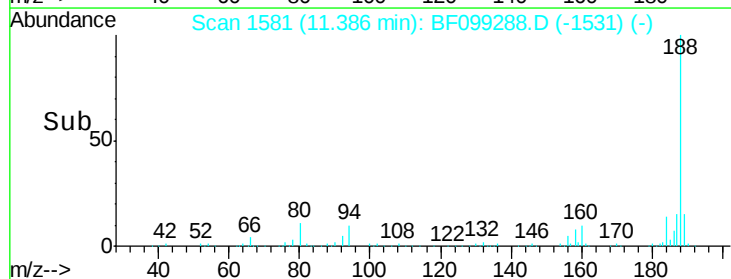
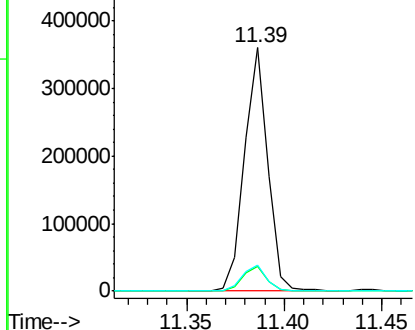
Tgt Ion:188	Resp:	298963
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.5 12.7
80	10.7	9.2 13.8

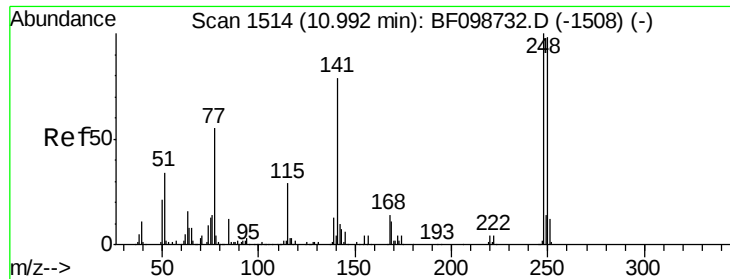


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

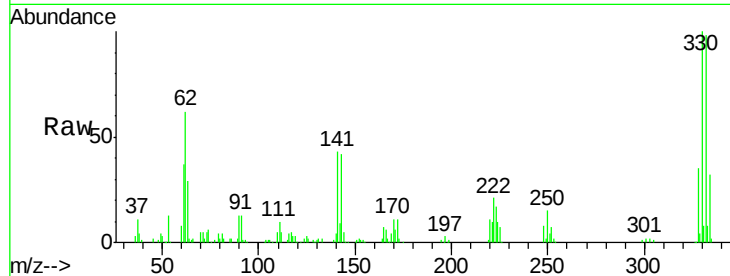




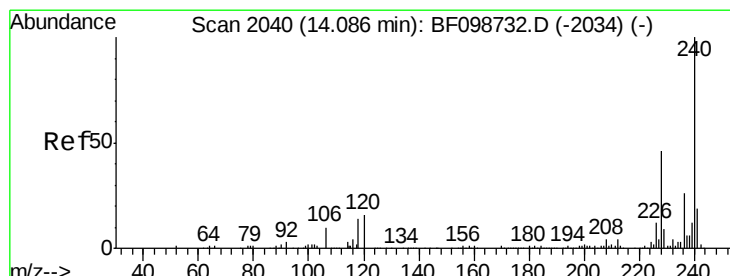
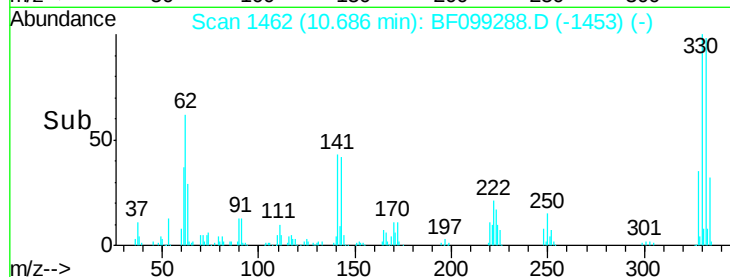
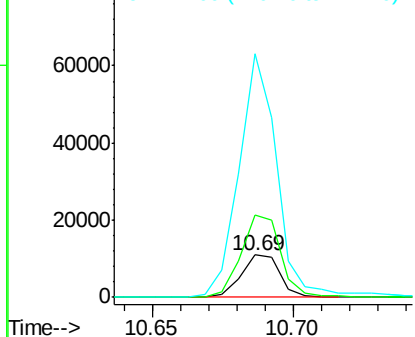
#66
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF099288.D
Acq: 10 Oct 2017 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10419
Ion Ratio Lower Upper
248 100
250 192.4 76.9 115.3#
141 572.0 74.4 111.6#

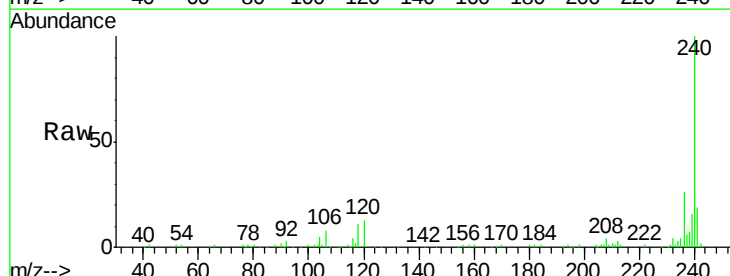


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

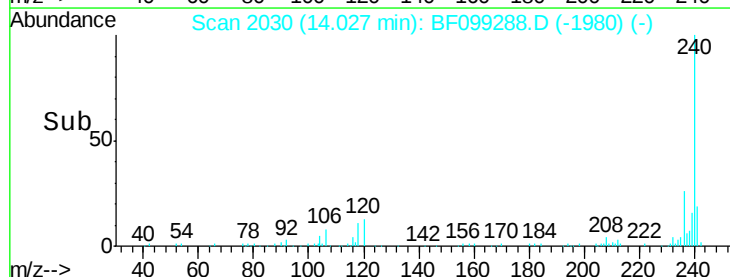
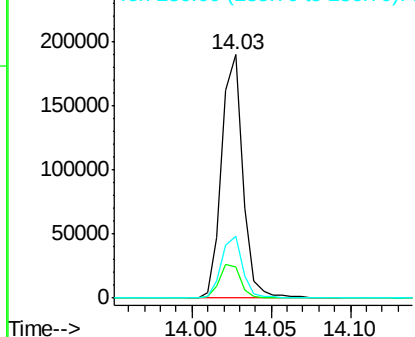


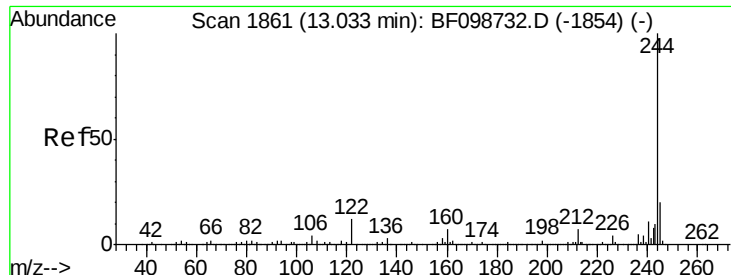
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099288.D
Acq: 10 Oct 2017 4:06

Tgt Ion:240 Resp: 176689
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.7 20.7 31.1



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: 90.64 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099288.D

Acq: 10 Oct 2017 4:06

Instrument :

BNA_F

ClientSampled :

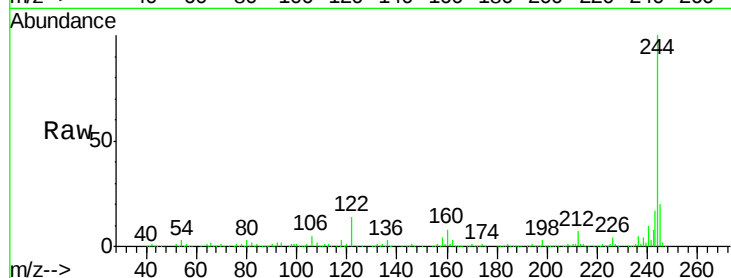
Tot Ion:244 Resp: 704222

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

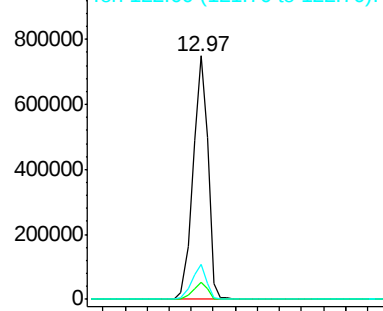
122 14.4 11.0 16.4



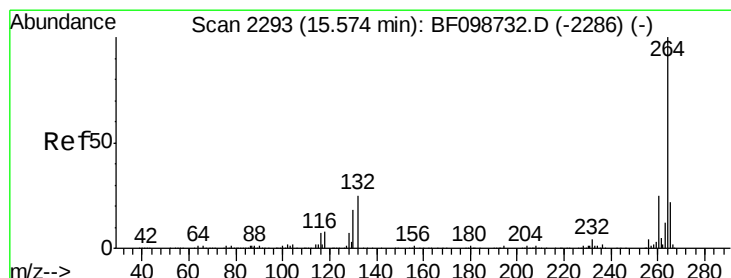
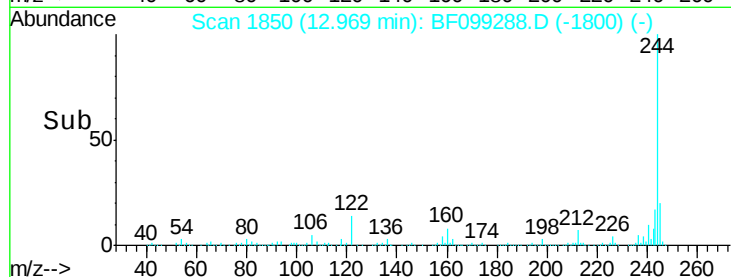
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099288.D

Acq: 10 Oct 2017 4:06

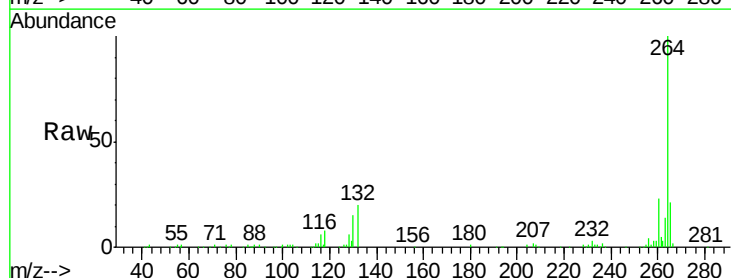
Tgt Ion:264 Resp: 167512

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

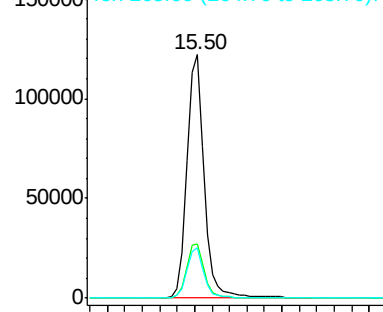
265 20.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

