

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099734.D
 Acq On : 21 Oct 2017 18:11
 Operator : SJ/JU
 Sample : I6025-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:47:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

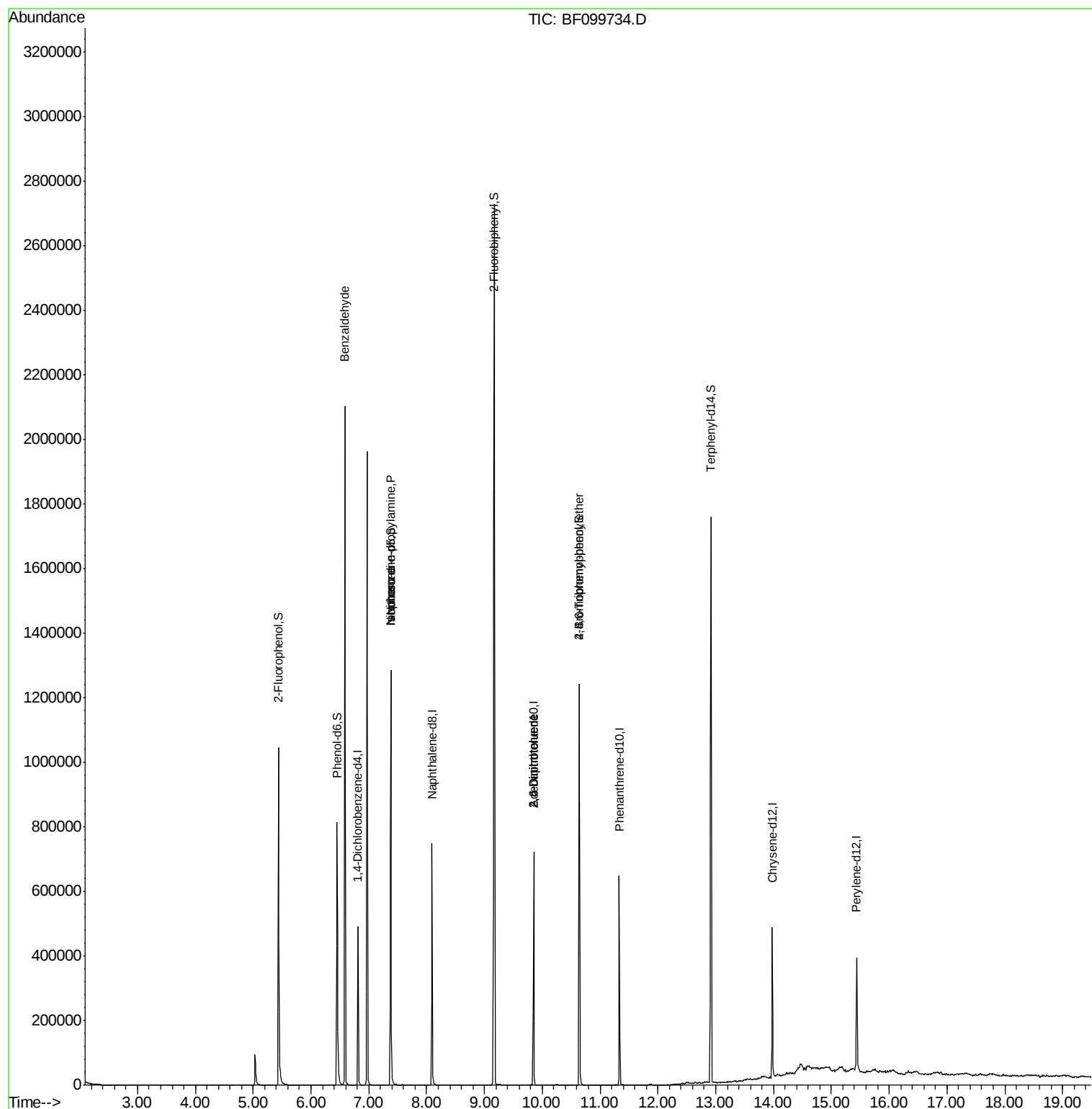
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	84856	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	350449	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	152746	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	237969	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	147074	20.00	ng	0.00
86) Perylene-d12	15.44	264	154410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	370306	69.47	ng	0.00
7) Phenol-d6	6.45	99	305708	46.49	ng	-0.01
23) Nitrobenzene-d5	7.38	82	477348	87.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	152708	122.18	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	911030	99.57	ng	0.00
78) Terphenyl-d14	12.92	244	576766	89.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	10944	2.869	ng	86
19) n-Nitroso-di-n-propylamine	7.38	70	60307	14.365	ng	# 70
25) Isophorone	7.38	82	477348	42.250	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	19218	7.657	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	19218	5.900	ng	# 21
66) 4-Bromophenyl-phenylether	10.64	248	10114	4.342	ng	# 1

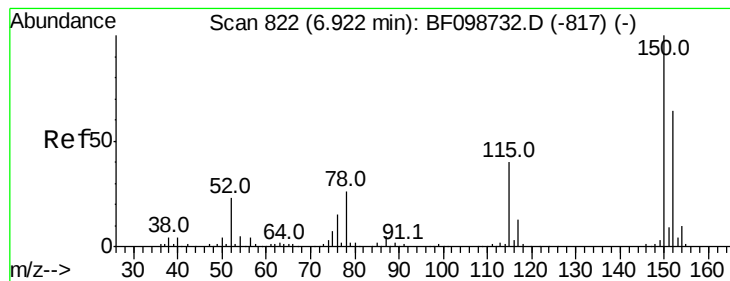
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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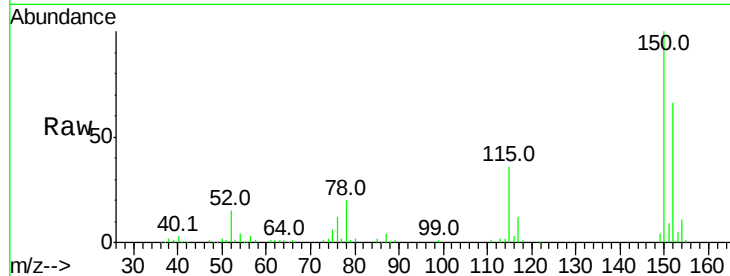


#1

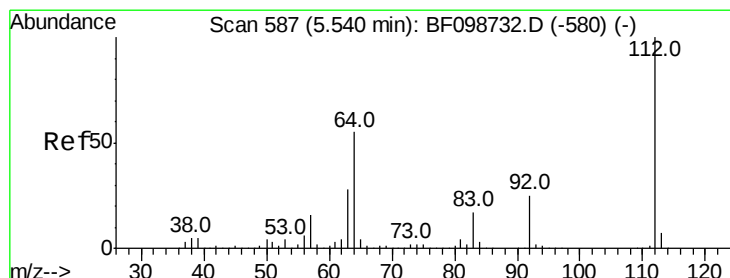
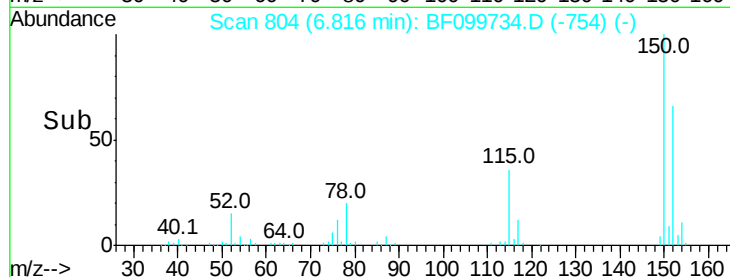
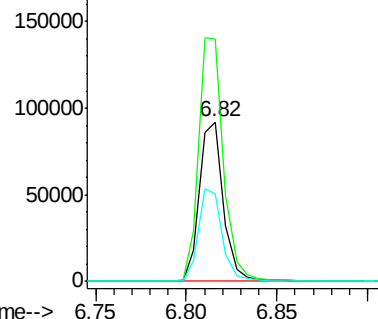
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 84856
 Ion Ratio Lower Upper
 152 100
 150 151.5 124.6 186.8
 115 54.9 50.1 75.1



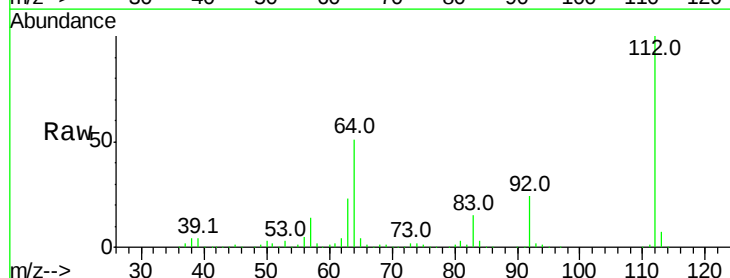
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



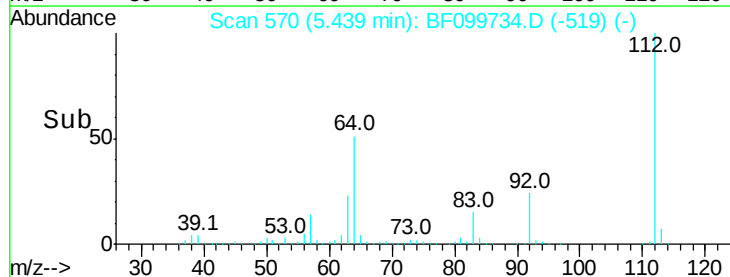
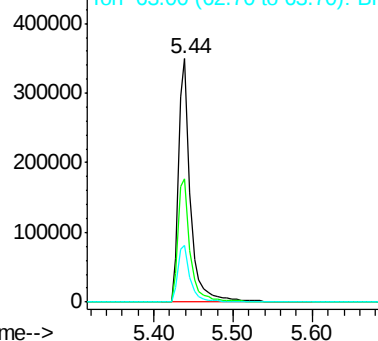
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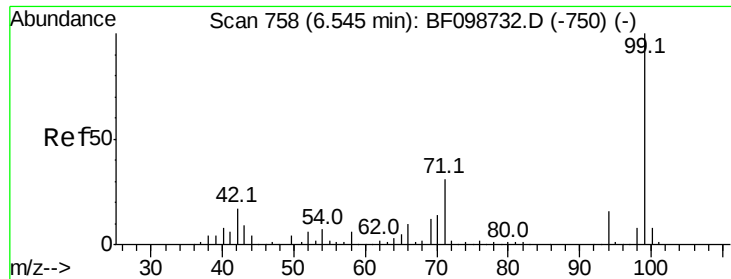
2-Fluorophenol
 Concen: 69.469 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Tgt Ion:112 Resp: 370306
 Ion Ratio Lower Upper
 112 100
 64 50.8 47.9 71.9
 63 23.3 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: 46.490 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099734.D

Acq: 21 Oct 2017 18:11

Instrument :

BNA_F

ClientSampled :

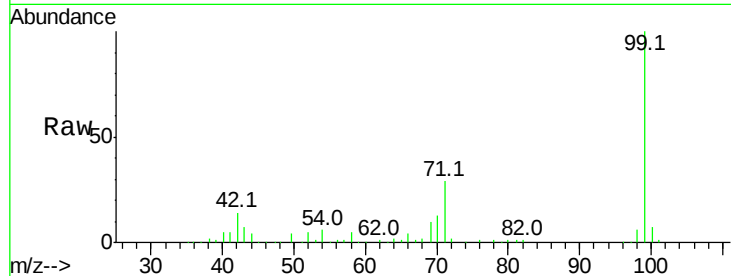
Tot Ion: 99 Resp: 305708

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

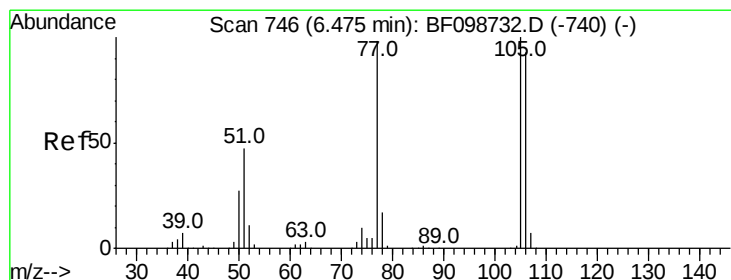
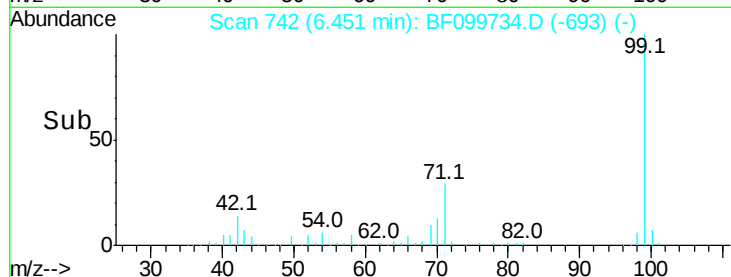
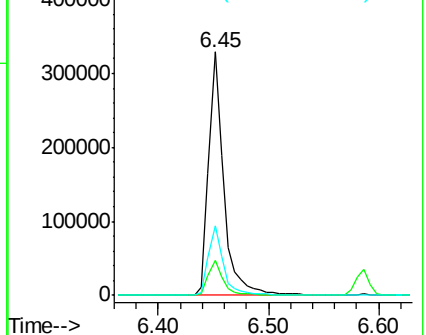
71 28.6 25.4 38.0



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: 2.869 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099734.D

Acq: 21 Oct 2017 18:11

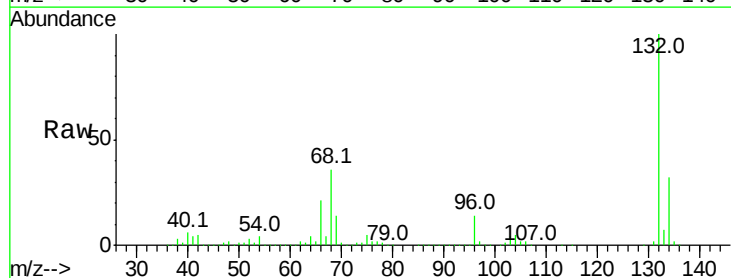
Tgt Ion: 77 Resp: 10944

Ion Ratio Lower Upper

77 100

105 86.3 81.1 121.1

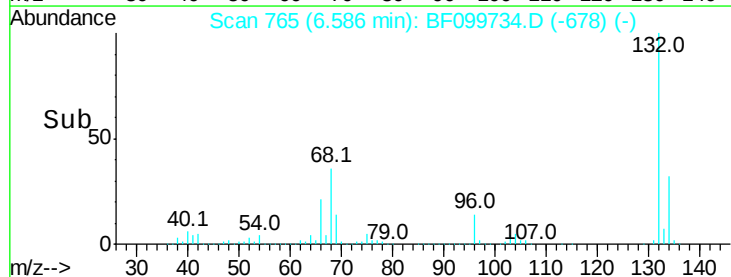
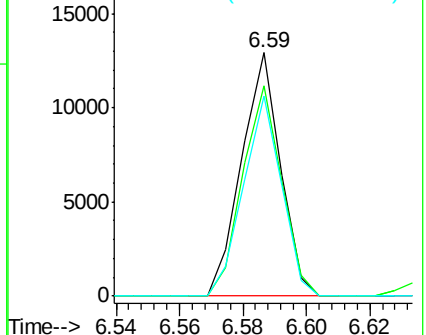
106 82.4 74.5 114.5

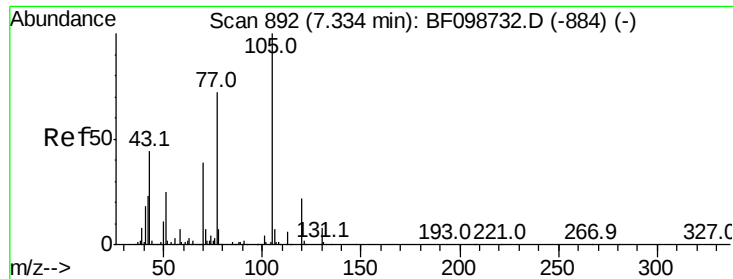


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

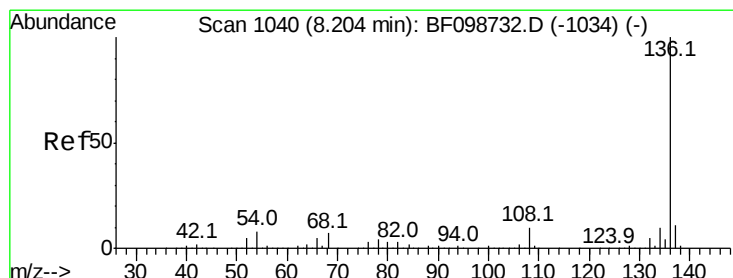
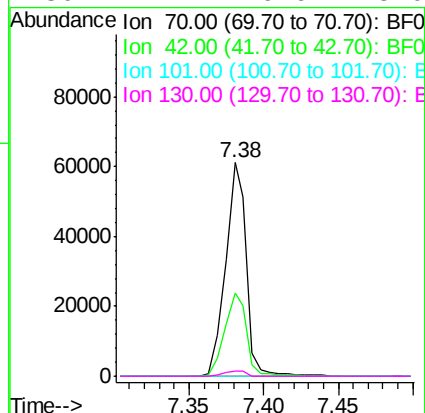
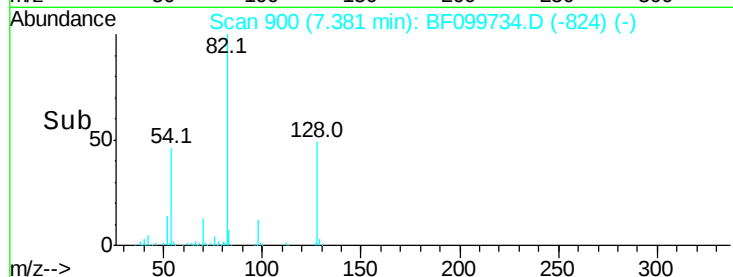
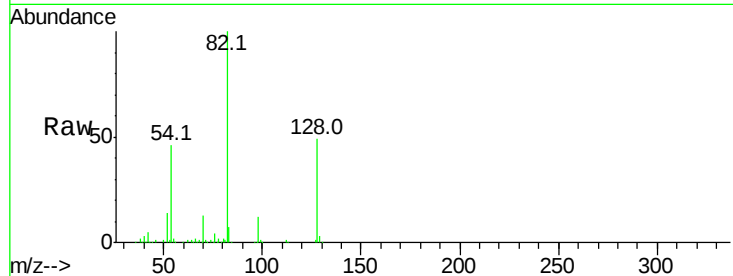




#19
n-Nitroso-di-n-propylamine
Concen: 14.365 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099734.D
Acq: 21 Oct 2017 18:11

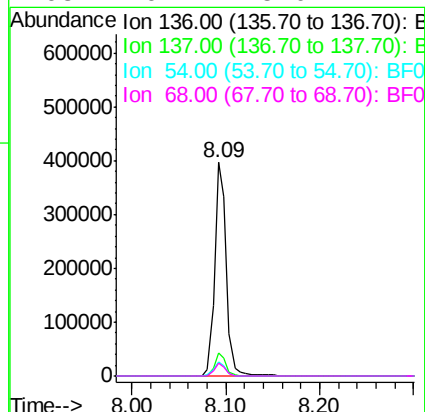
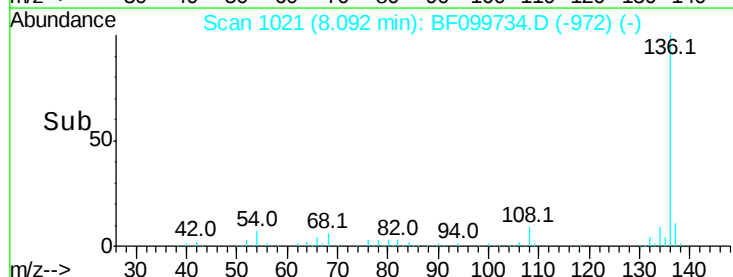
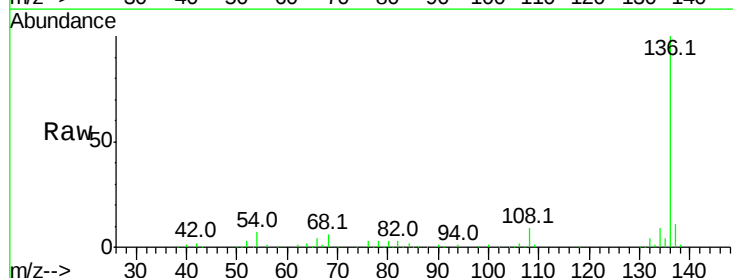
Instrument :
BNA_F
ClientSampleId :

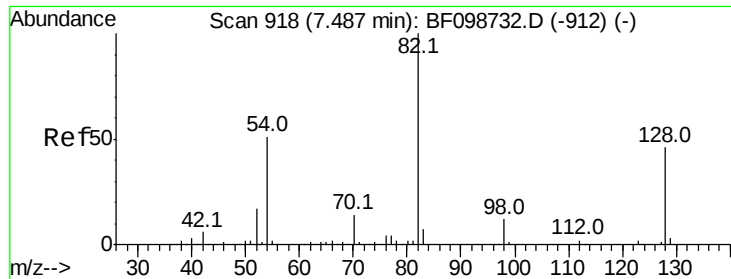
Tot Ion: 70 Resp: 60307
Ion Ratio Lower Upper
70 100
42 38.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099734.D
Acq: 21 Oct 2017 18:11

Tgt Ion:136 Resp: 350449
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.8 6.6 9.8
68 6.1 5.0 7.4

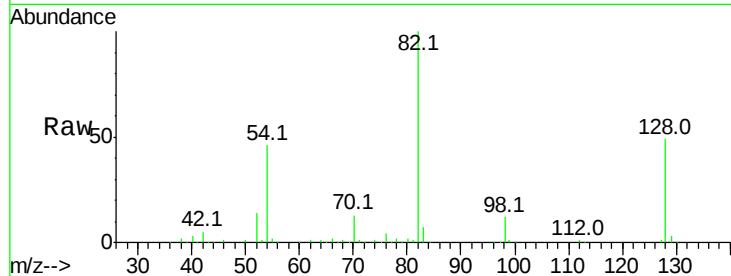




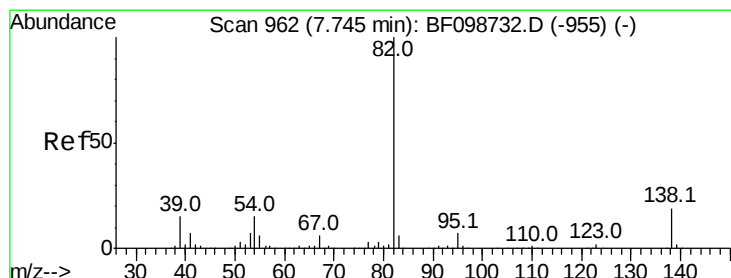
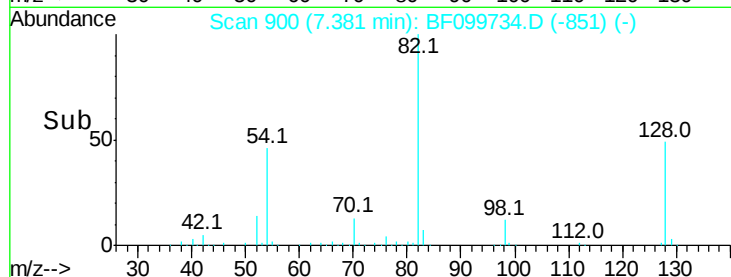
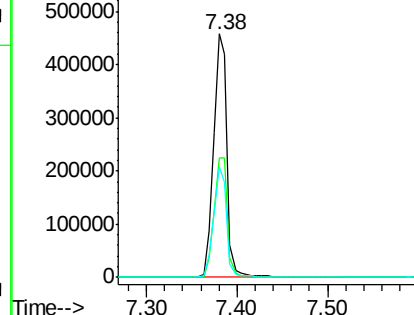
#23
 Nitrobenzene-d5
 Concen: 87.352 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 477348
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 45.6 41.4 62.2

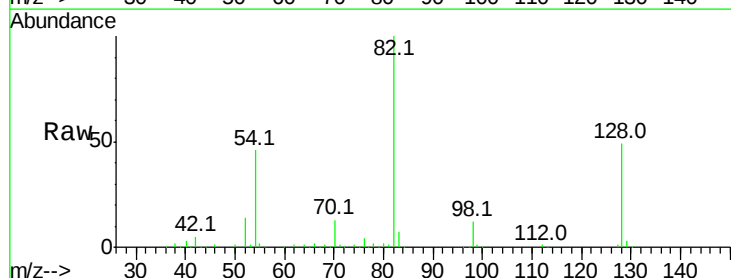


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

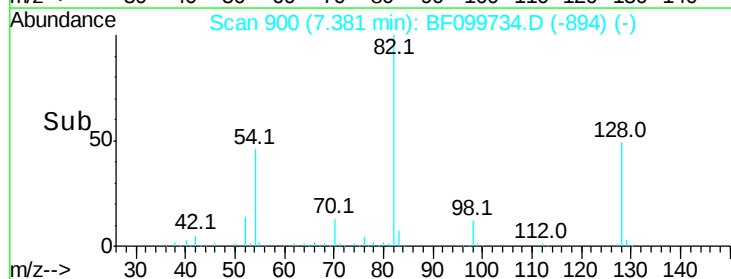
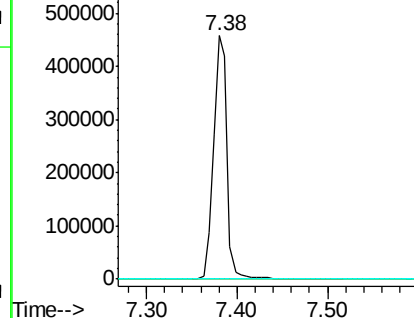


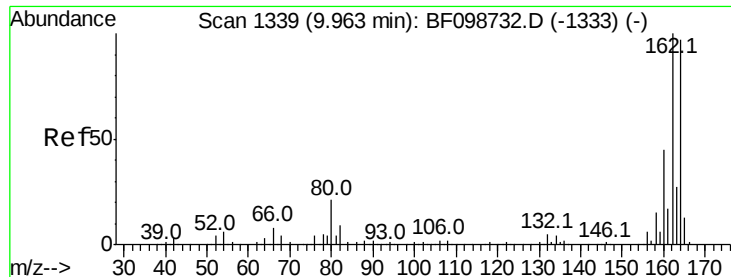
#25
 Isophorone
 Concen: 42.250 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Tgt Ion: 82 Resp: 477348
 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): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

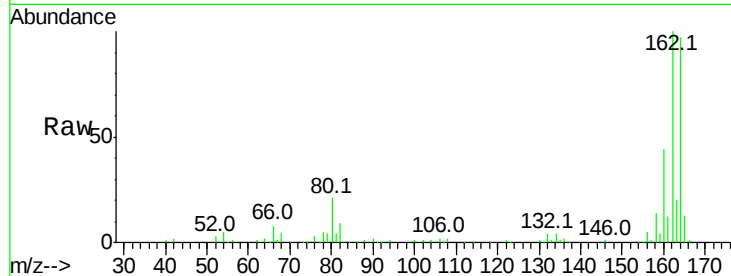




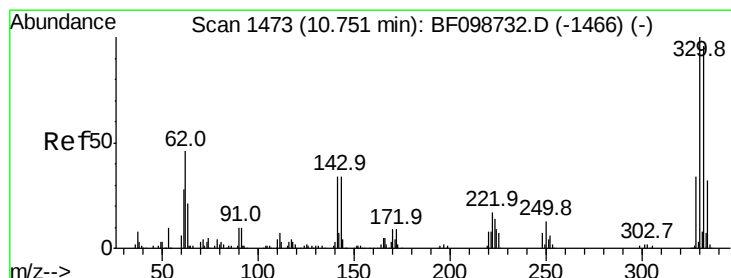
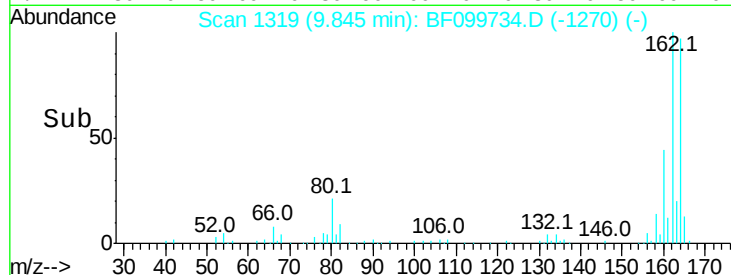
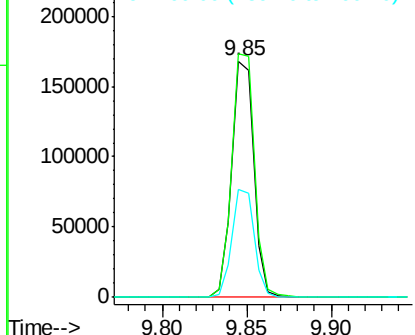
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 152746
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 45.5 38.3 57.5

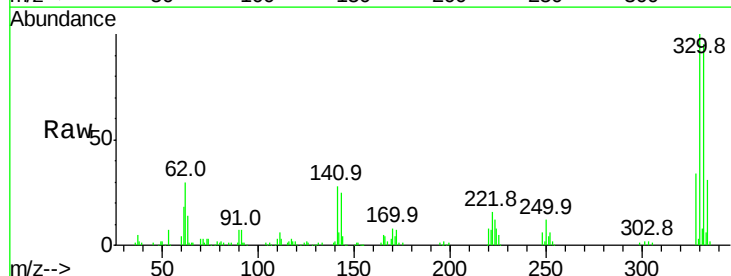


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

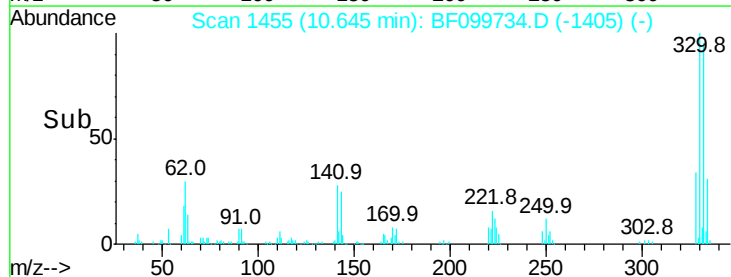
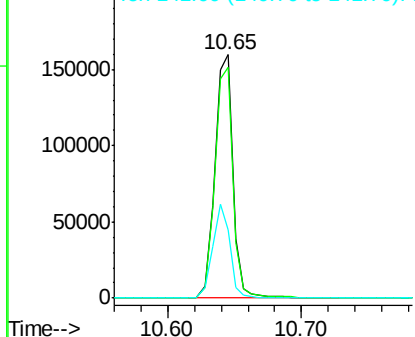


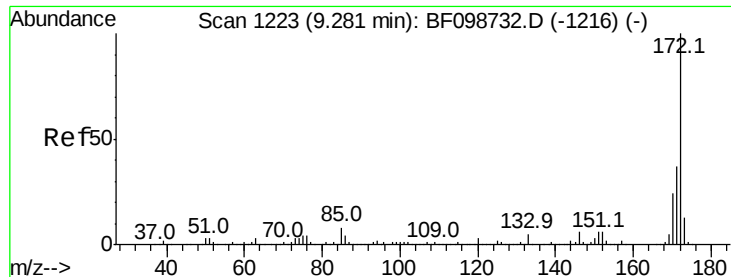
#41
 2,4,6-Tribromophenol
 Concen: 122.178 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Tgt Ion:330 Resp: 152708
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 36.4 29.9 44.9



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

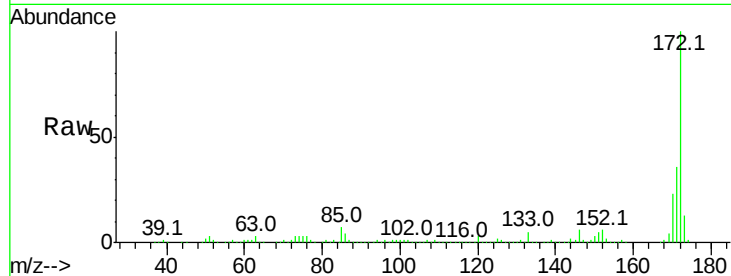




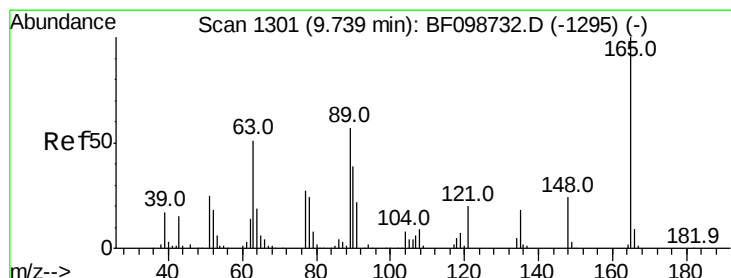
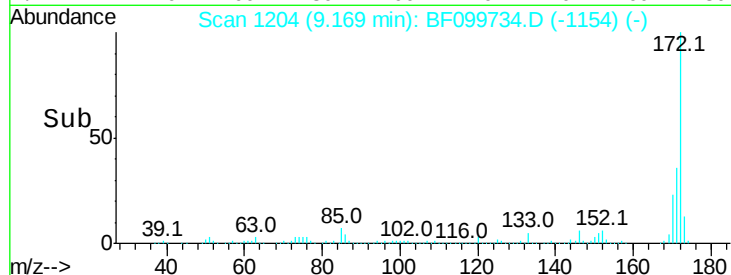
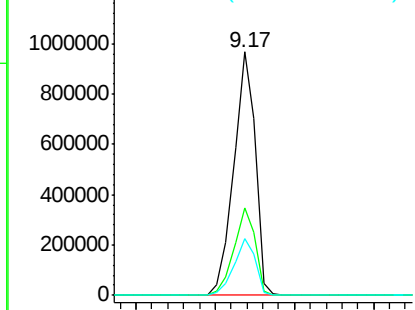
#44
 2-Fluorobiphenyl
 Concen: 99.570 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 911030
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.3 19.6 29.4

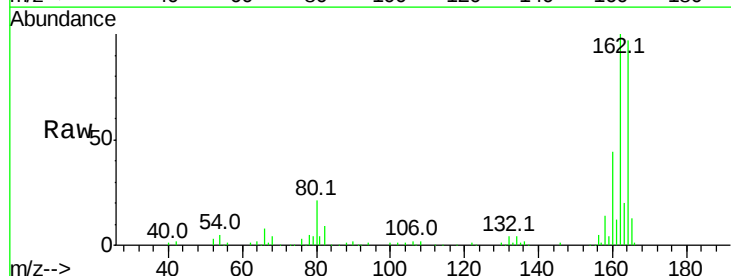


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

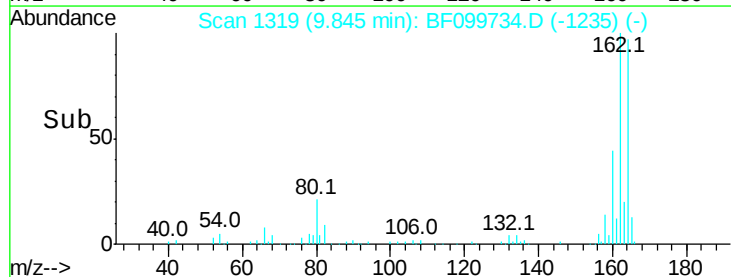
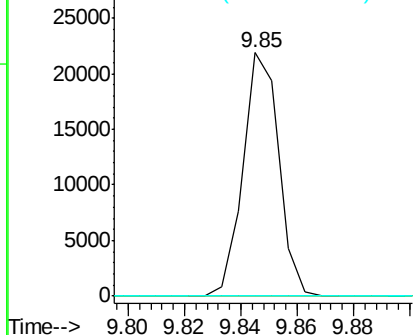


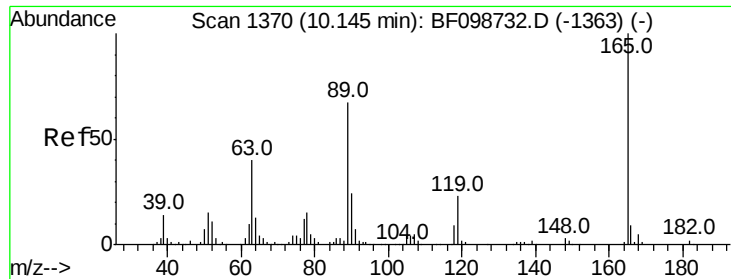
#50
 2,6-Dinitrotoluene
 Concen: 7.657 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.19 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Tgt Ion:165 Resp: 19218
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 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

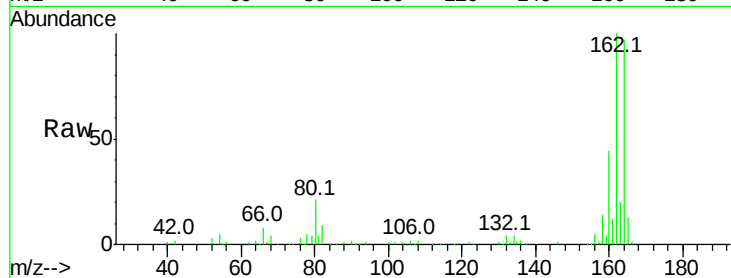




#56
 2,4-Dinitrotoluene
 Concen: 5.900 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	19218
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#

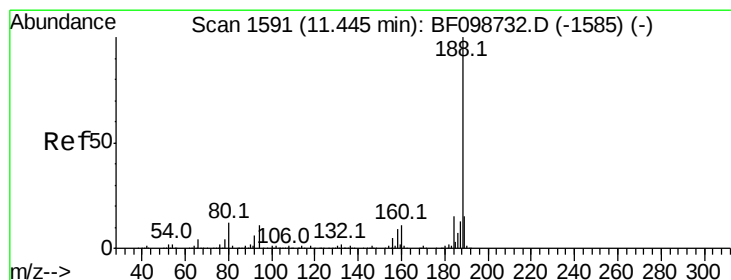
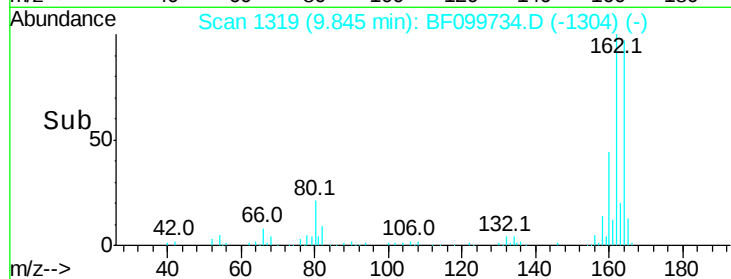
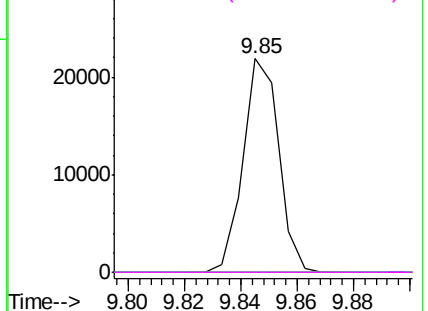


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

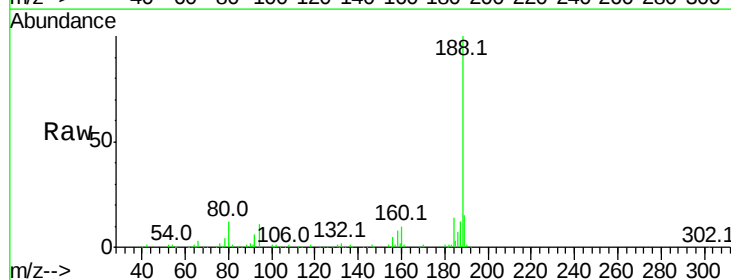
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

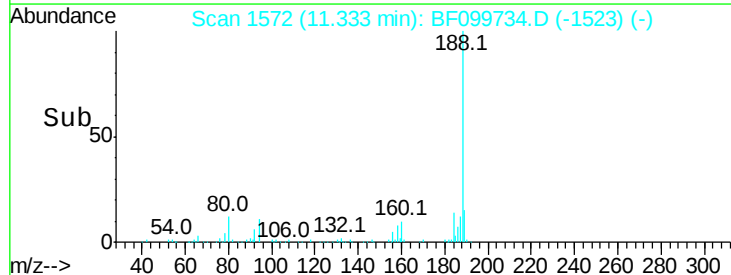
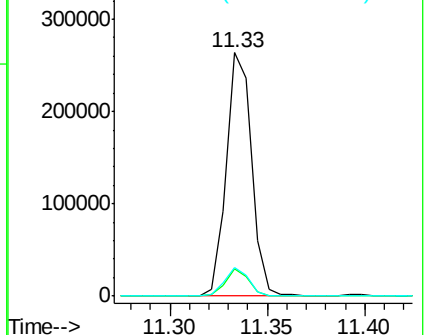
Tgt Ion:188	Resp:	237969
Ion Ratio	Lower	Upper
188	100	
94	11.3	8.5 12.7
80	11.6	9.2 13.8

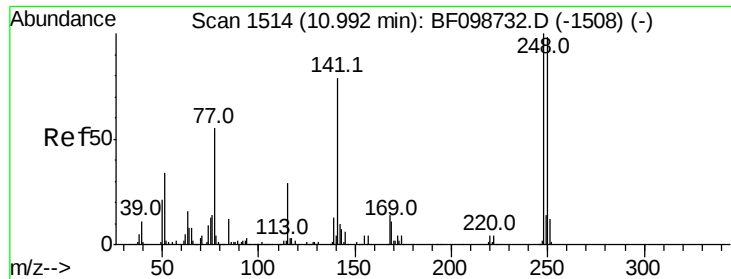


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

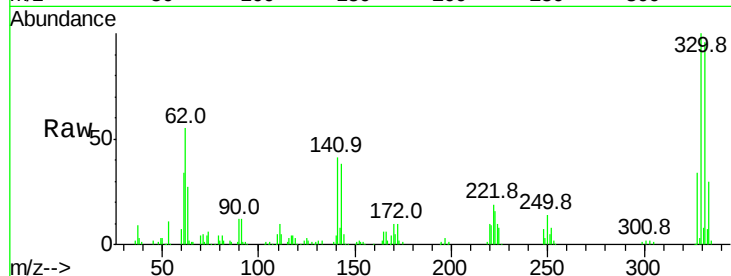




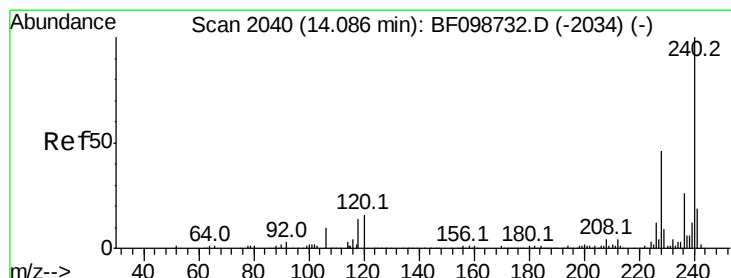
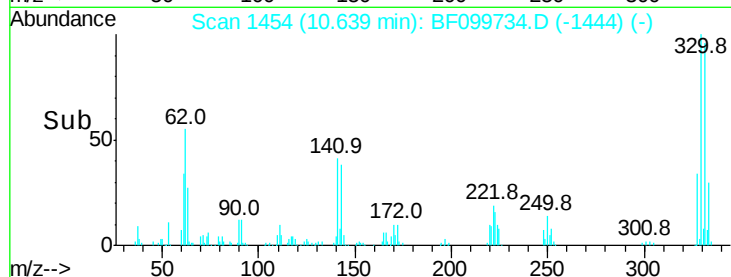
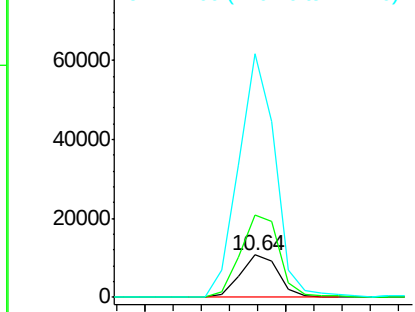
#66
 4-Bromophenyl-phenylether
 Concen: 4.342 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10114
 Ion Ratio Lower Upper
 248 100
 250 194.0 76.9 115.3#
 141 576.9 74.4 111.6#

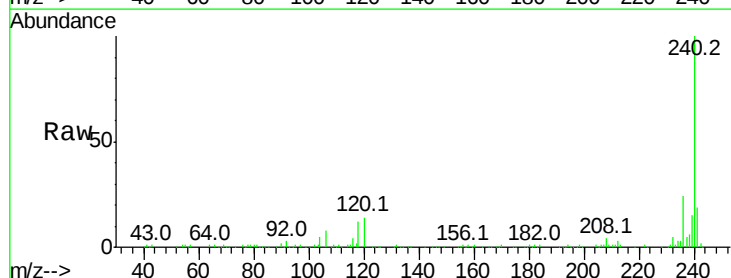


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

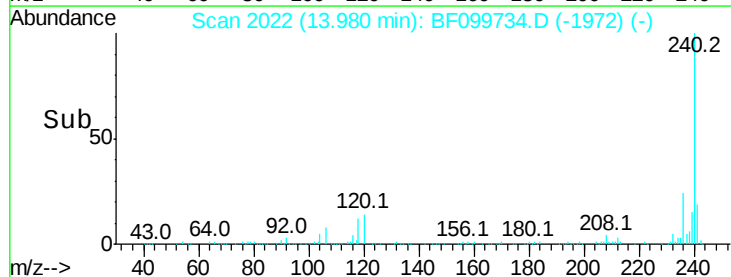
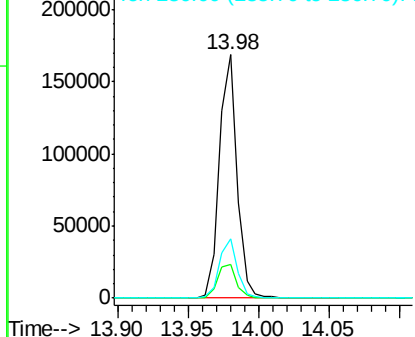


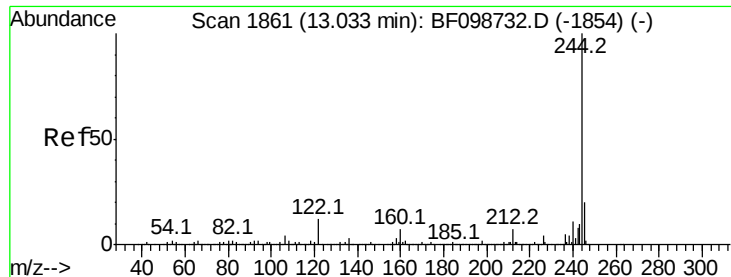
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Tgt Ion:240 Resp: 147074
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 24.4 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

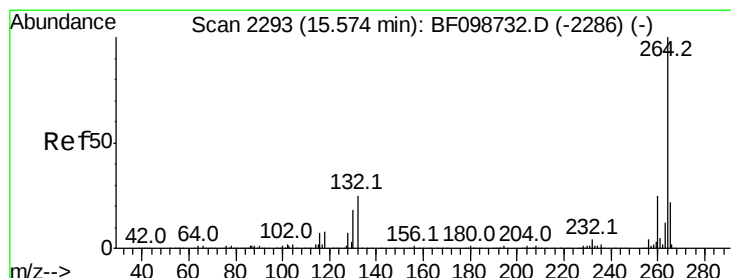
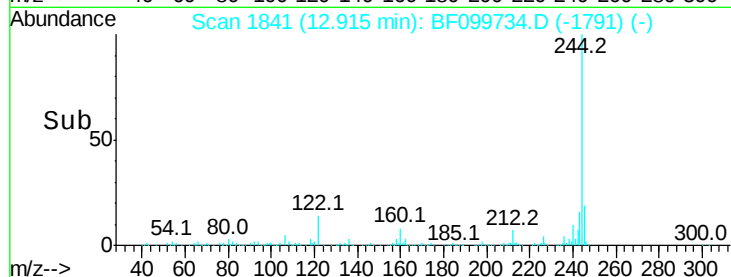
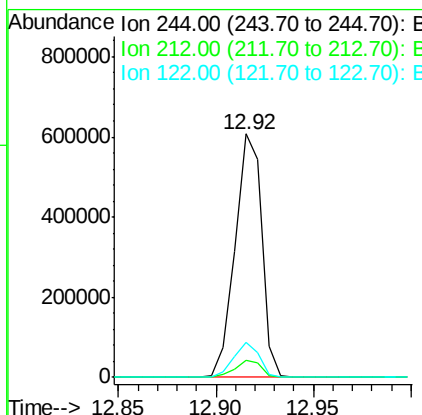
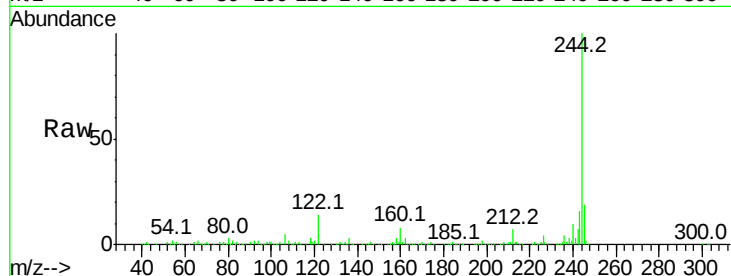




#78
 Terphenyl-d14
 Concen: 89.185 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 576766
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Tgt Ion:264 Resp: 154410
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.9 17.5 26.3

