

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099601.D
 Acq On : 18 Oct 2017 00:31
 Operator : SJ/JU
 Sample : I5869-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 02:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

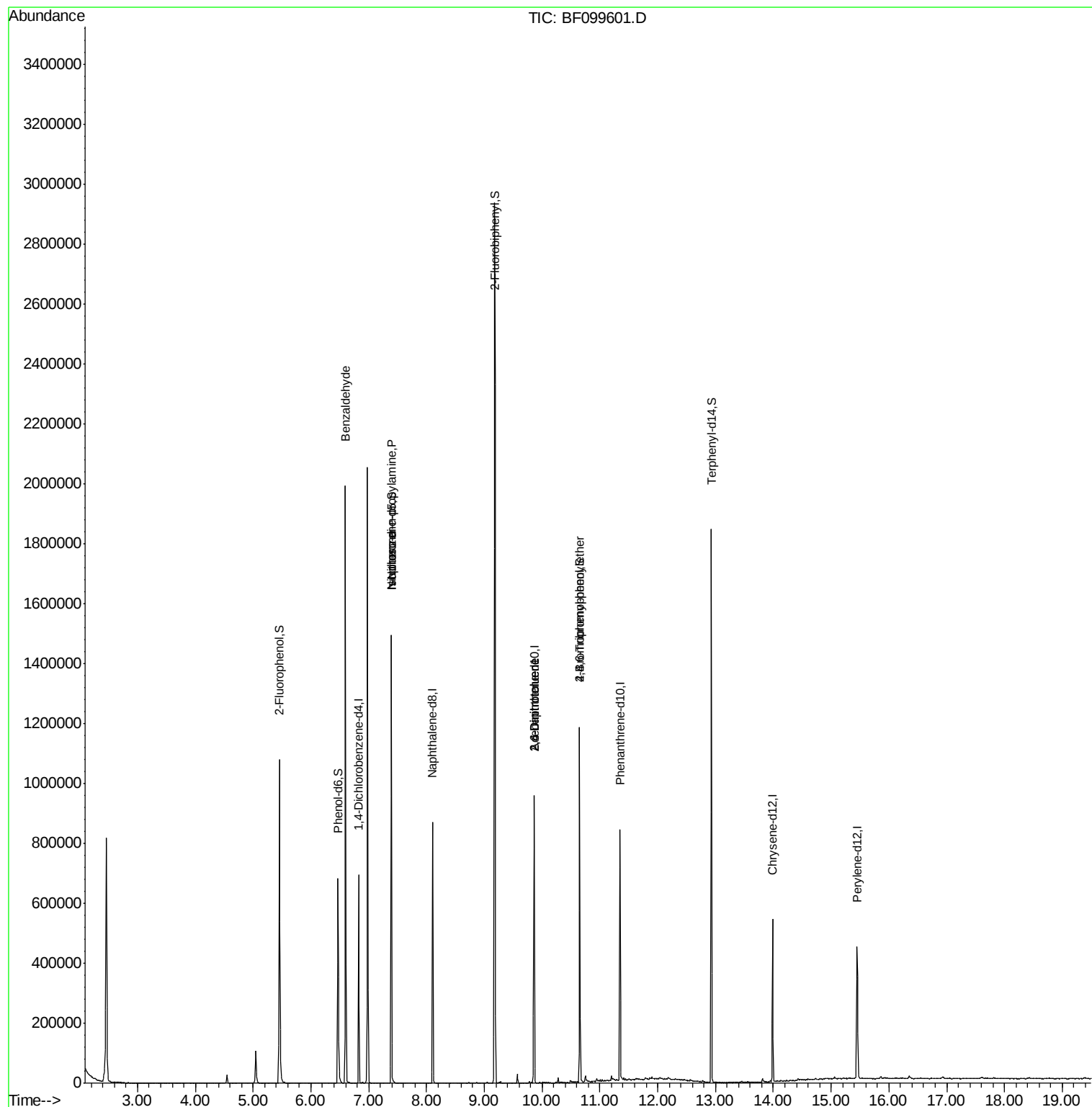
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	103126	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	427695	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	187523	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	287667	20.00	ng	0.00
75) Chrysene-d12	13.99	240	179085	20.00	ng	-0.01
86) Perylene-d12	15.45	264	192332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	334520	51.64	ng	0.01
7) Phenol-d6	6.47	99	239343	29.95	ng	0.00
23) Nitrobenzene-d5	7.39	82	546517	81.95	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	143408	93.46	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1021286	90.92	ng	0.00
78) Terphenyl-d14	12.93	244	631347	80.17	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	11536	2.49	ng	89
19) n-Nitroso-di-n-propylamine	7.39	70	69474	13.62	ng	# 74
25) Isophorone	7.39	82	546510	39.64	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	23667	7.68	ng	# 25
56) 2,4-Dinitrotoluene	9.86	165	23667	5.92	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	9318	3.31	ng	# 1

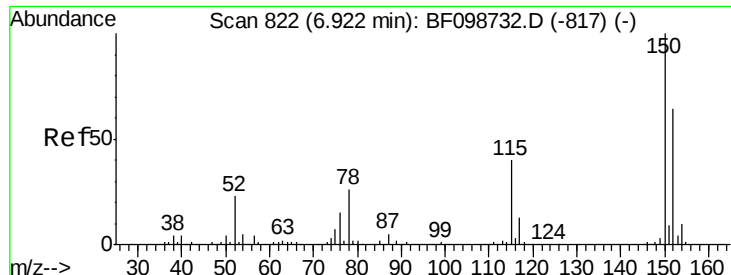
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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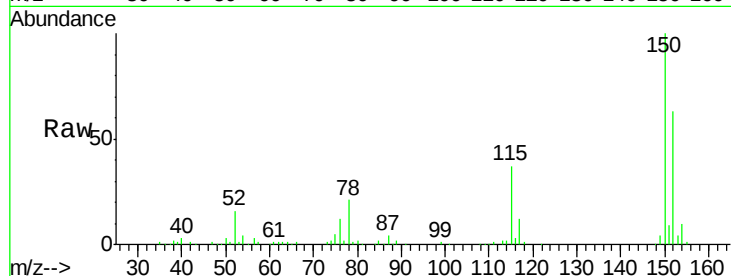


#1

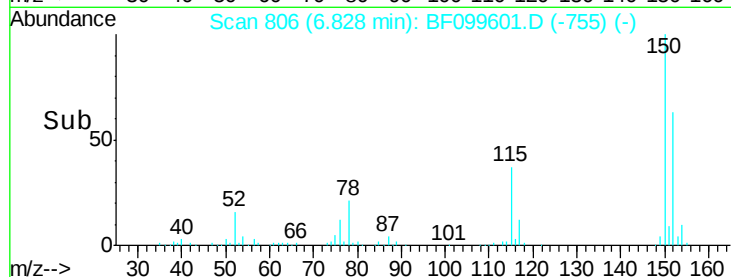
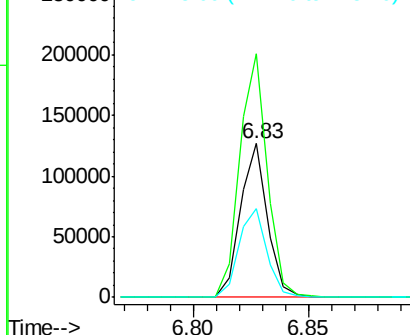
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099601.D
Acq: 18 Oct 2017 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103126
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.0 50.1 75.1



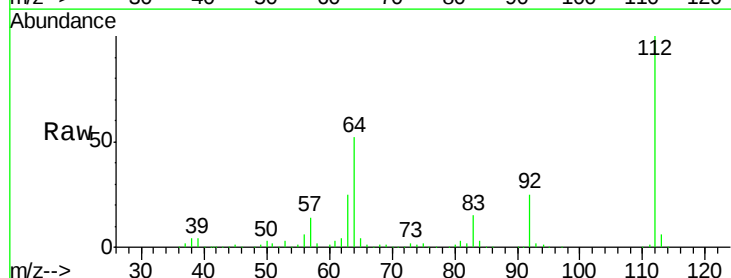
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



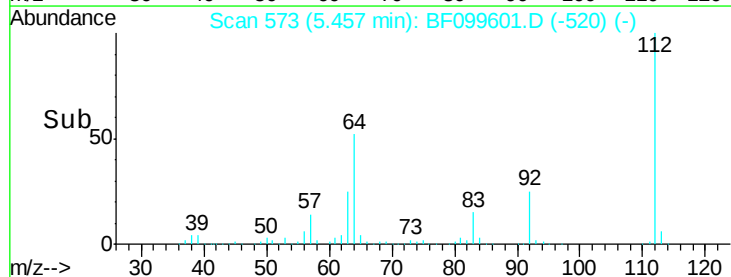
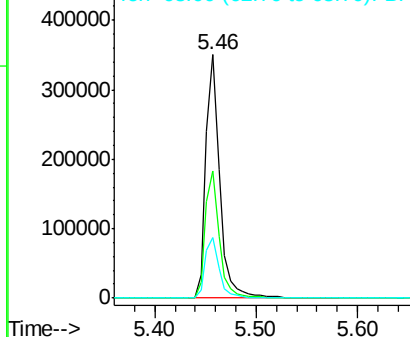
#5

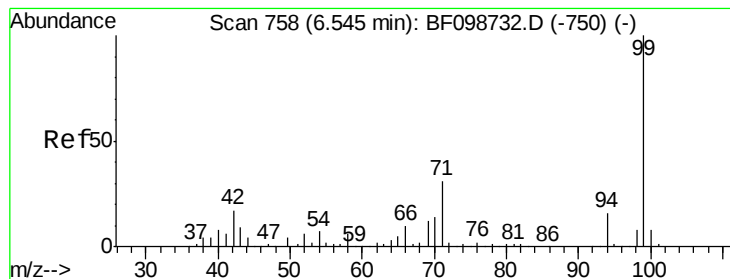
2-Fluorophenol
Concen: 51.64 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099601.D
Acq: 18 Oct 2017 00:31

Tgt Ion:112 Resp: 334520
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.9 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: 29.95 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099601.D

Acq: 18 Oct 2017 00:31

Instrument :

BNA_F

ClientSampleId :

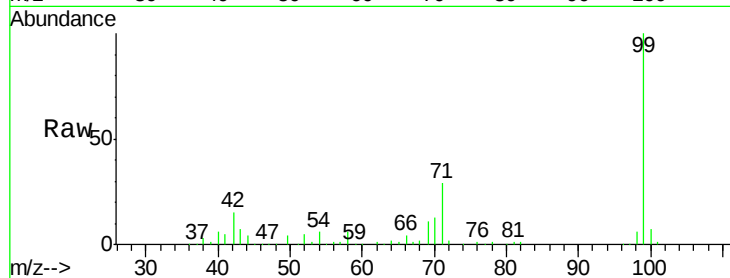
Tot Ion: 99 Resp: 239343

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

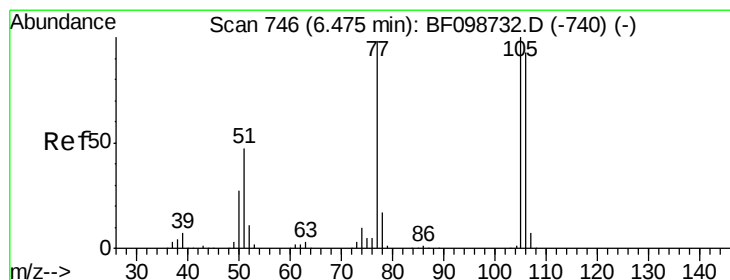
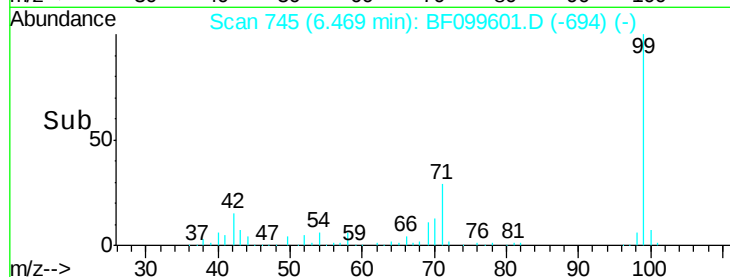
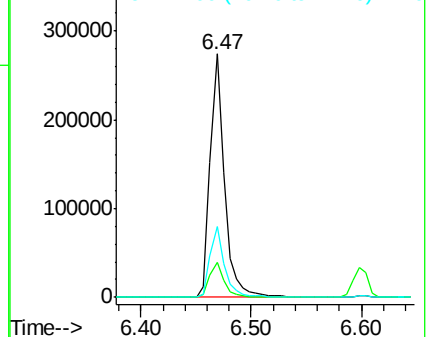
71 29.1 25.4 38.0



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: 2.49 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF099601.D

Acq: 18 Oct 2017 00:31

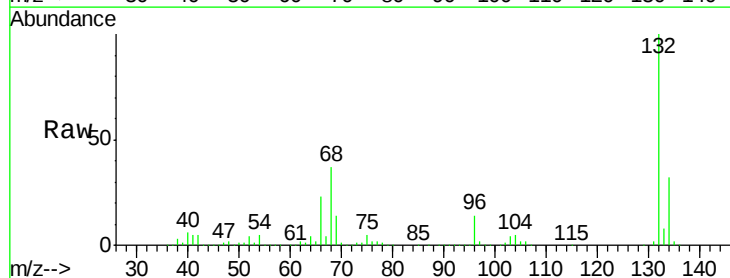
Tgt Ion: 77 Resp: 11536

Ion Ratio Lower Upper

77 100

105 90.1 81.1 121.1

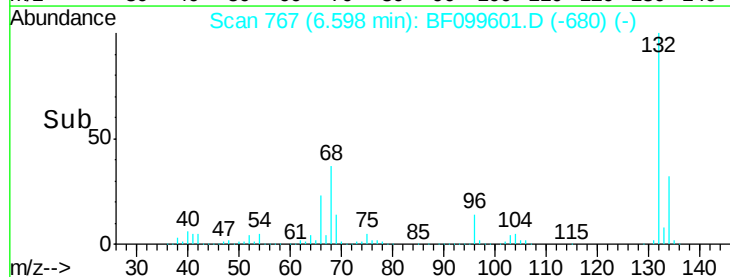
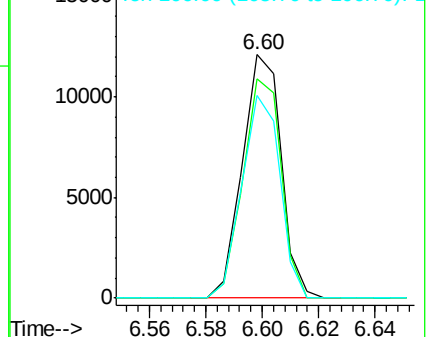
106 83.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

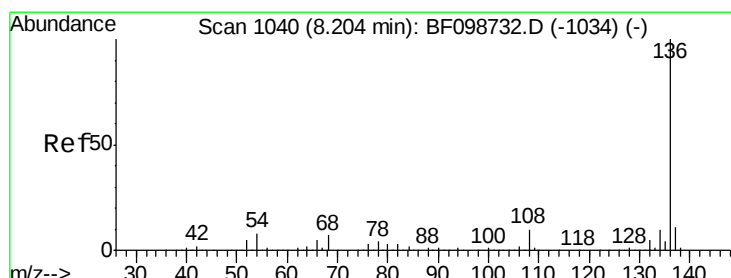
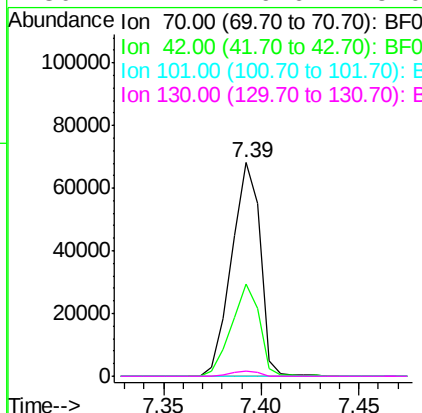
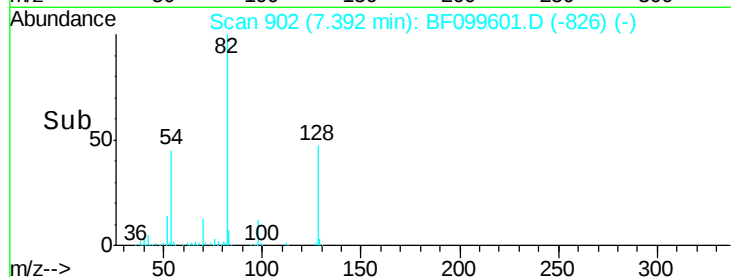
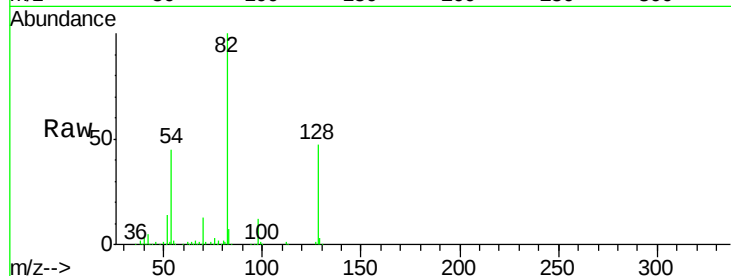




#19
n-Nitroso-di-n-propylamine
Concen: 13.62 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099601.D
Acq: 18 Oct 2017 00:31

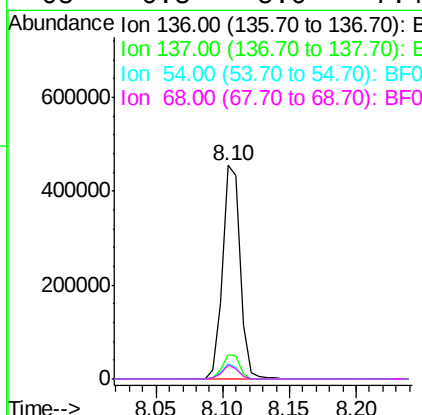
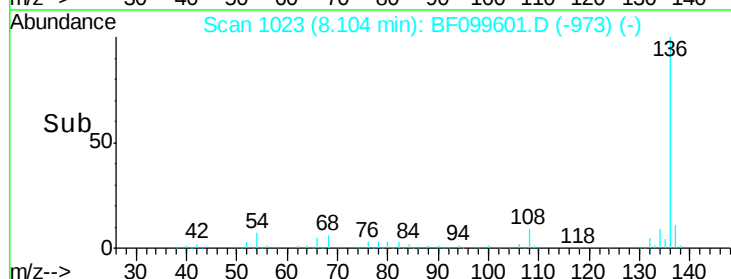
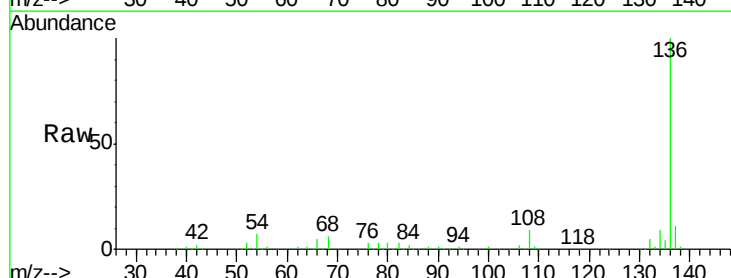
Instrument :
BNA_F
ClientSampled :

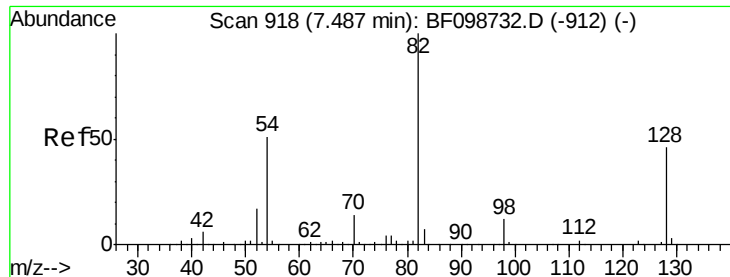
Tot Ion: 70 Resp: 69474
Ion Ratio Lower Upper
70 100
42 43.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099601.D
Acq: 18 Oct 2017 00:31

Tgt Ion: 136 Resp: 427695
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.0 6.6 9.8
68 6.3 5.0 7.4

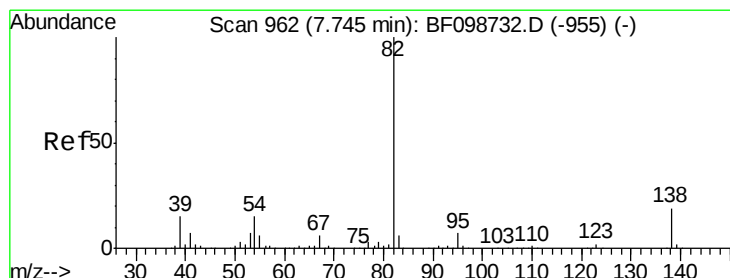
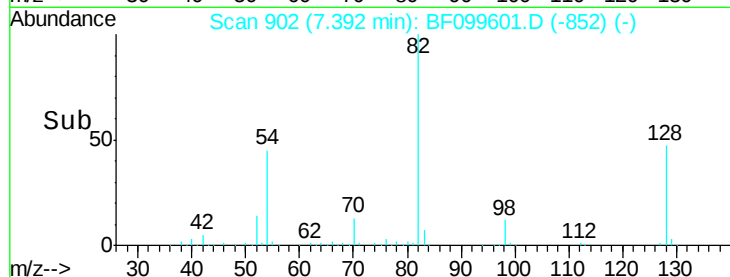
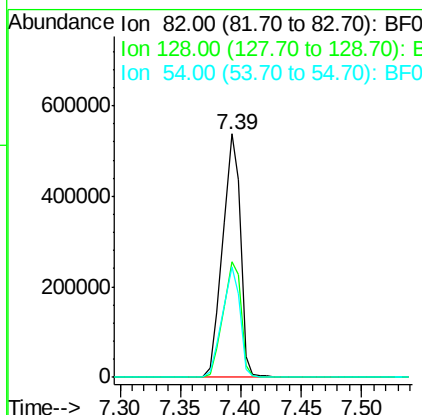
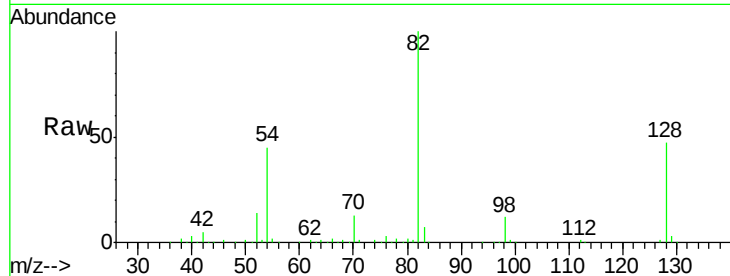




#23
 Nitrobenzene-d5
 Concen: 81.95 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

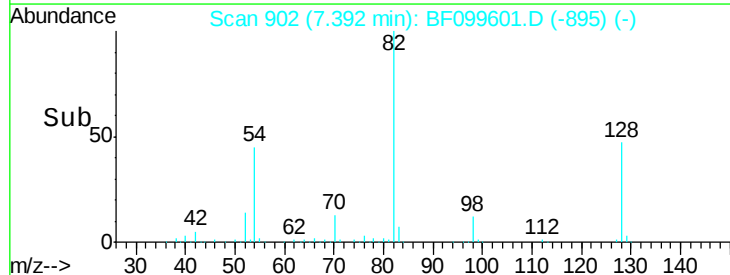
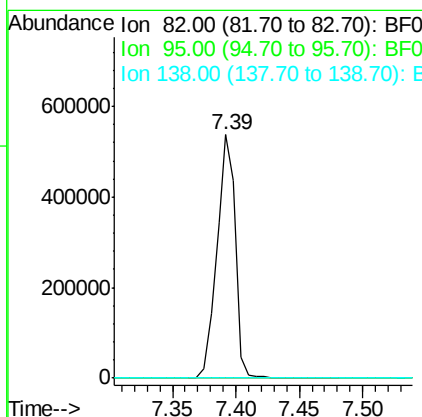
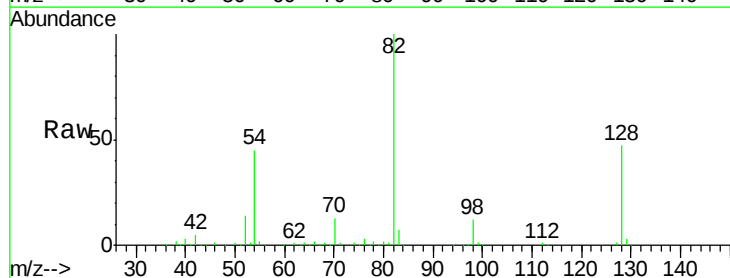
Instrument :
 BNA_F
 ClientSampleId :

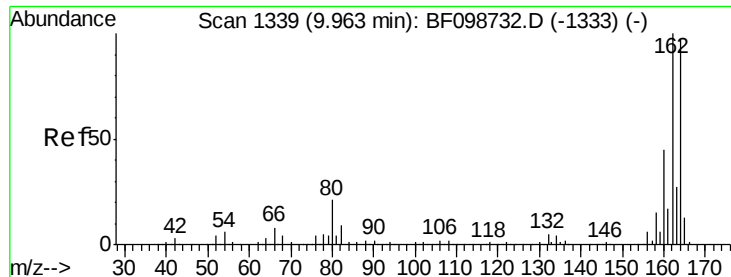
Tot Ion	82	Resp	546517
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.1	54.1
54	45.5	41.4	62.2



#25
 Isophorone
 Concen: 39.64 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.26 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

Tgt Ion	82	Resp	546510
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

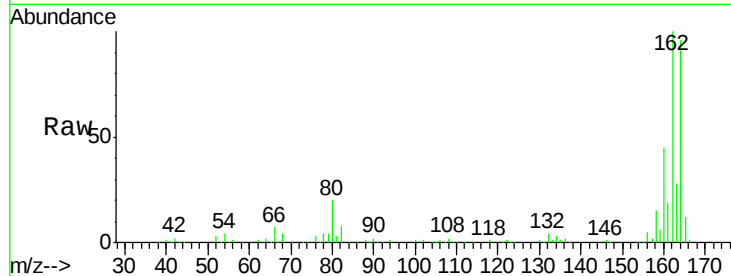




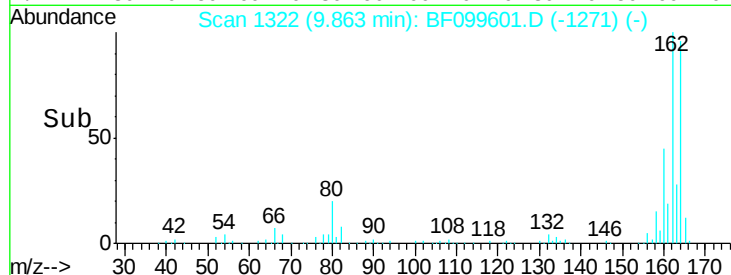
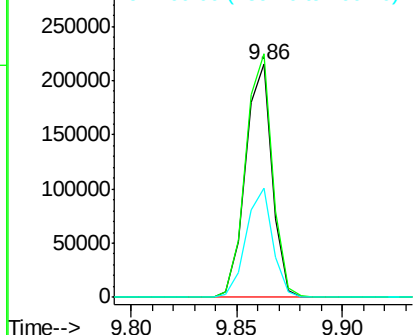
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 187523
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.7 38.3 57.5

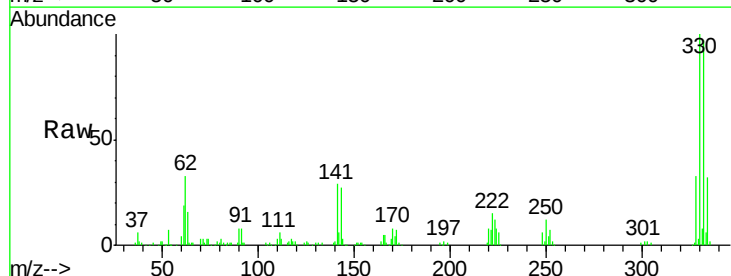


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

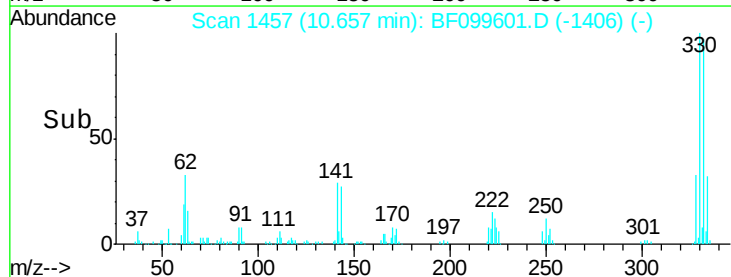
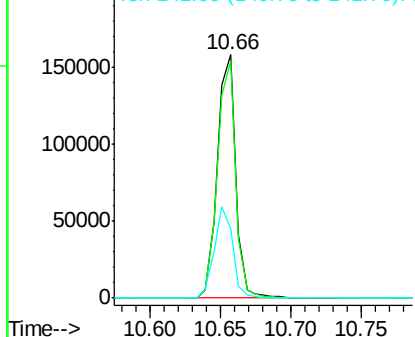


#41
 2,4,6-Tribromophenol
 Concen: 93.46 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

Tgt Ion:330 Resp: 143408
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 37.5 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



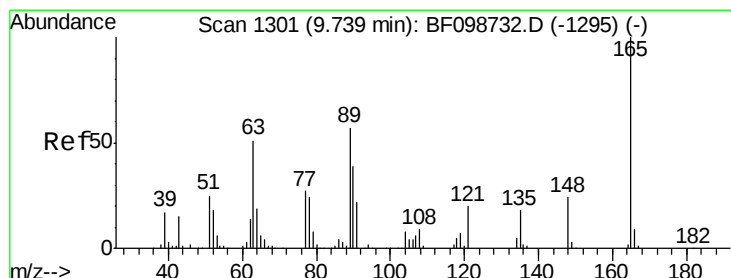
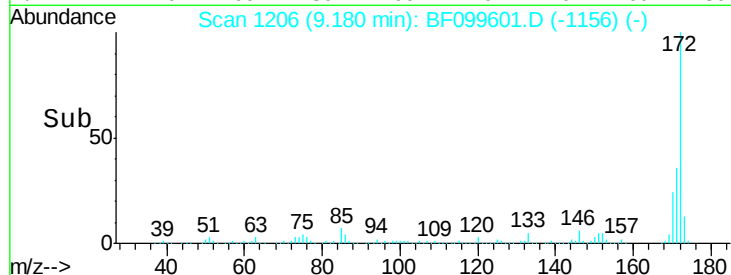
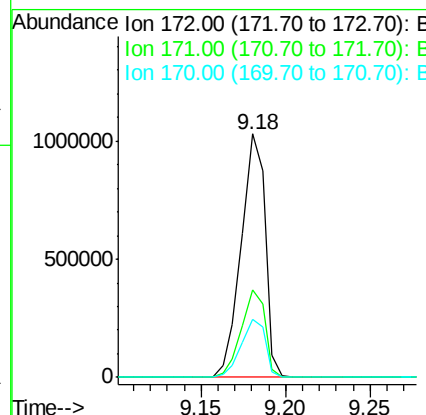
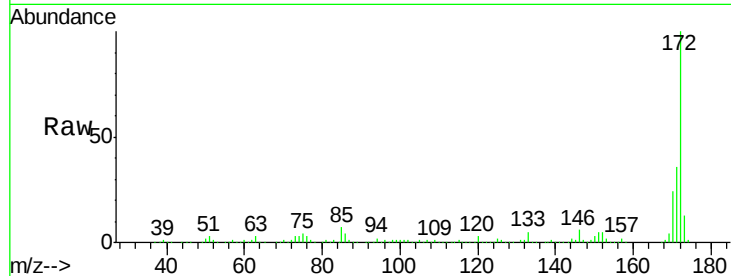


#44
 2-Fluorobiphenyl
 Concen: 90.92 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1021286

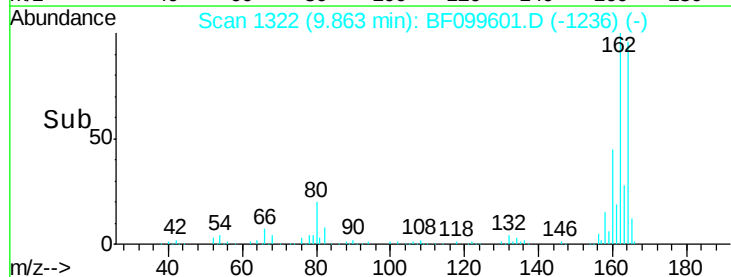
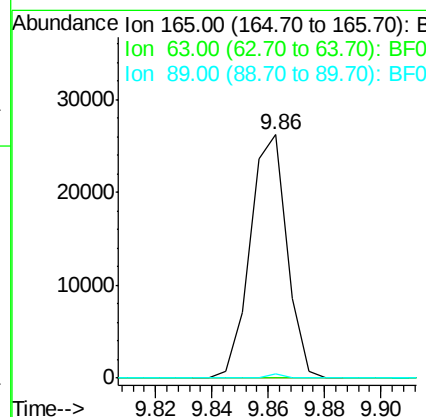
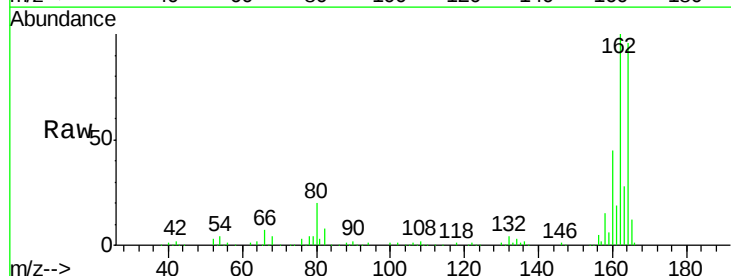
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

Tgt Ion:165 Resp: 23667

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#

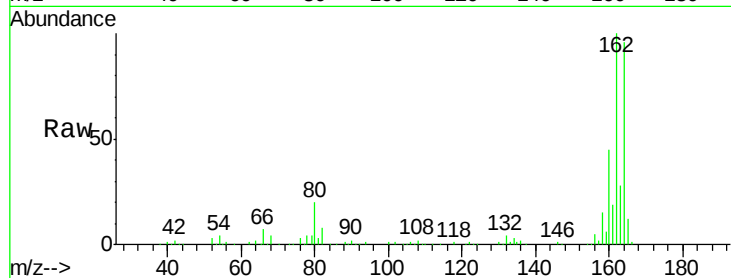




#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.20 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23667
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.7	57.8 86.6#
182	0.0	1.6 2.4#

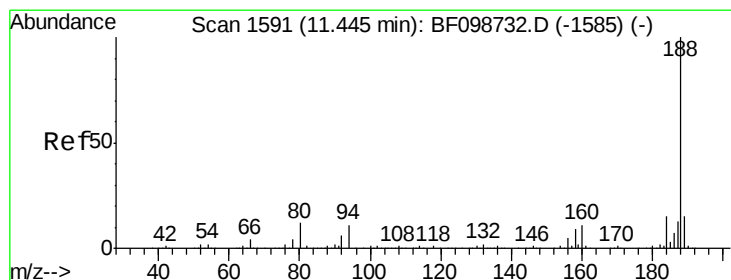
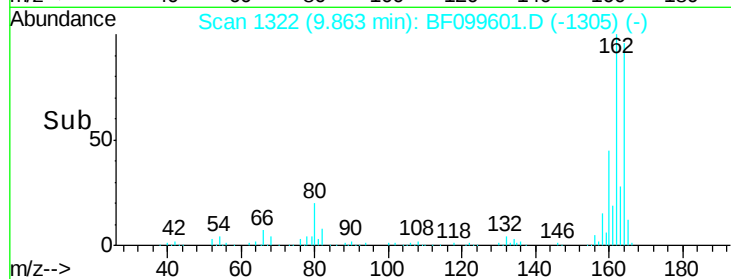
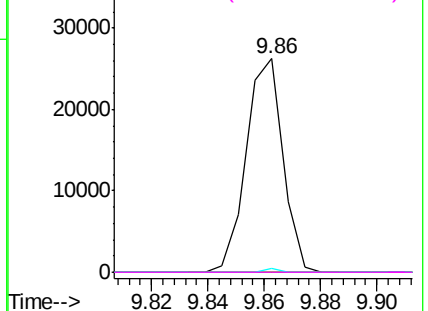


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

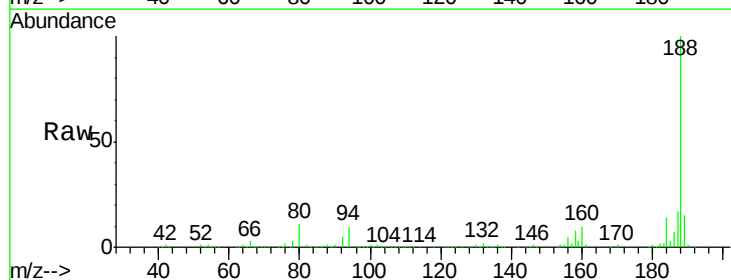
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

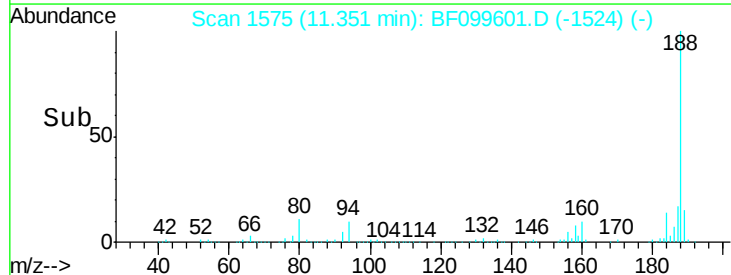
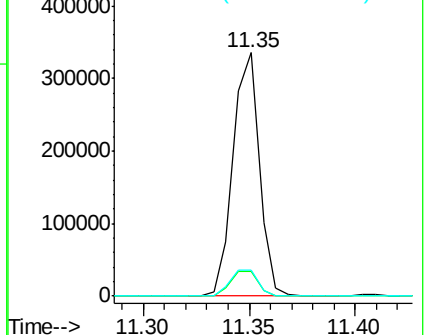
Tgt Ion:188	Resp:	287667
Ion Ratio	Lower	Upper
188	100	
94	10.2	8.5 12.7
80	10.5	9.2 13.8



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

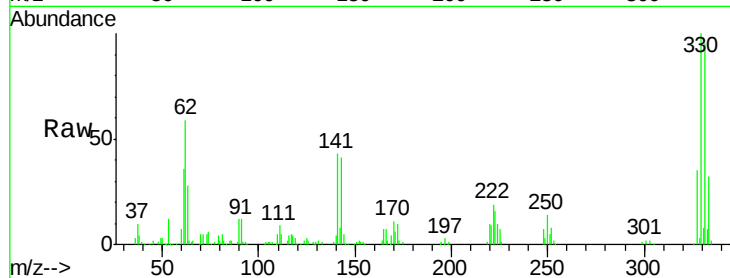




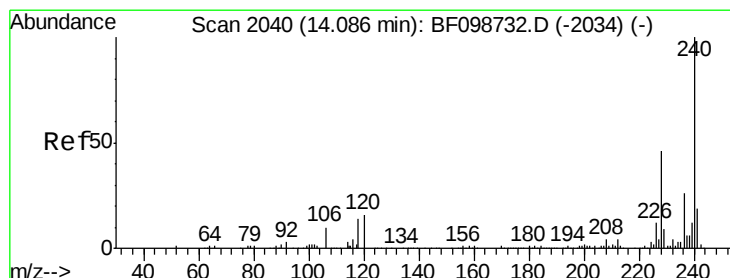
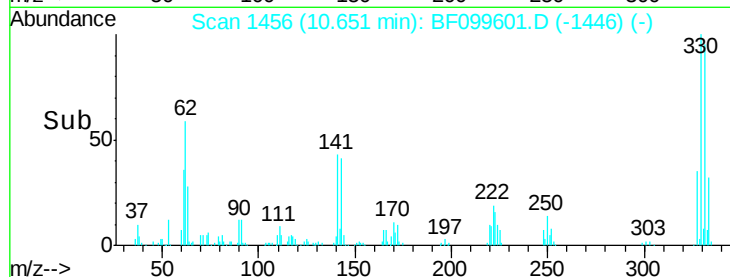
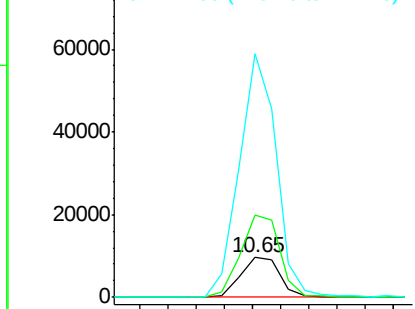
#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099601.D
Acq: 18 Oct 2017 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9318
Ion Ratio Lower Upper
248 100
250 207.4 76.9 115.3#
141 615.5 74.4 111.6#

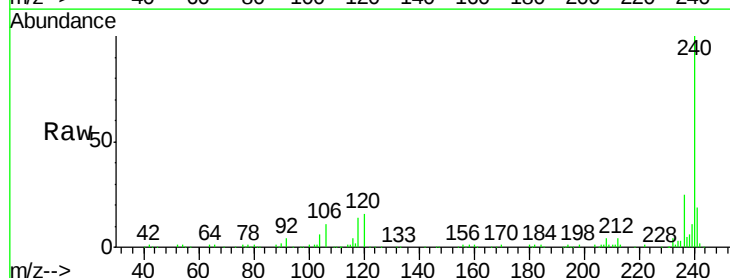


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

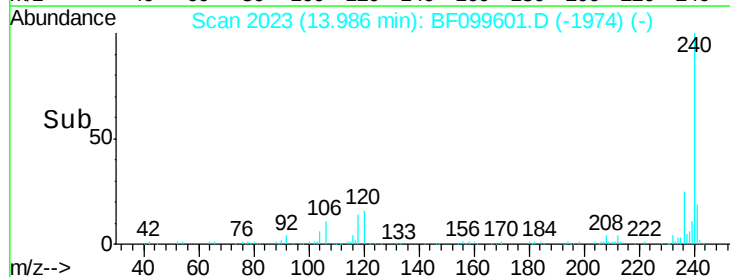
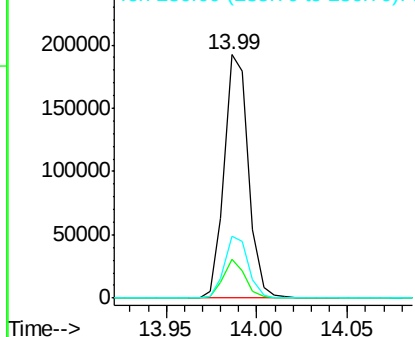


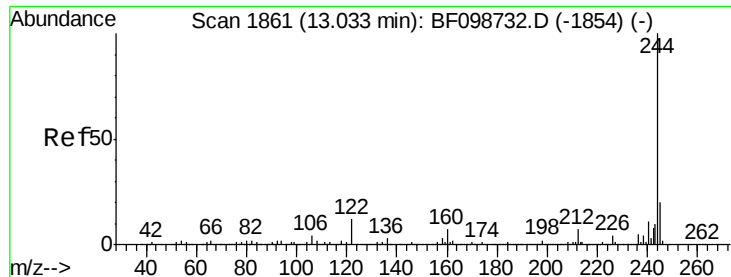
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099601.D
Acq: 18 Oct 2017 00:31

Tgt Ion:240 Resp: 179085
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 25.3 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

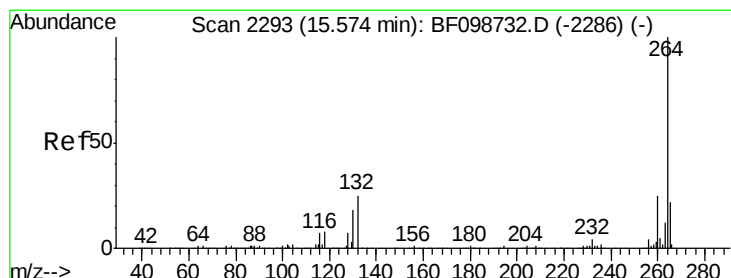
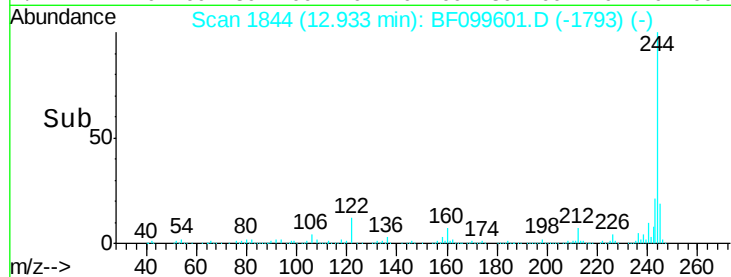
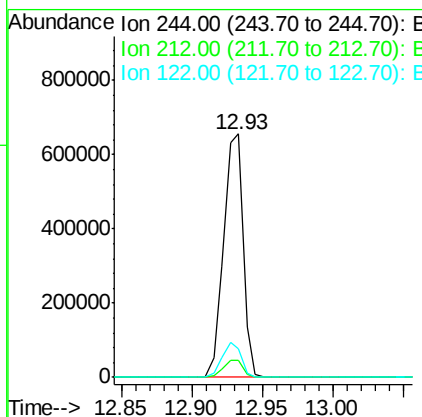
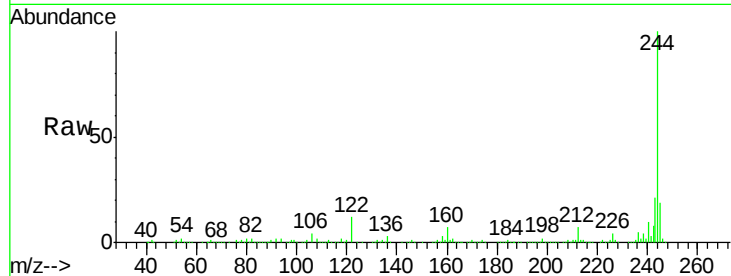




#78
 Terphenyl-d14
 Concen: 80.17 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 631347
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF099601.D
 Acq: 18 Oct 2017 00:31

Tgt Ion:264 Resp: 192332
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.1 17.5 26.3

