

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099821.D
 Acq On : 25 Oct 2017 18:53
 Operator : SJ/JU
 Sample : PB103597BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:35:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

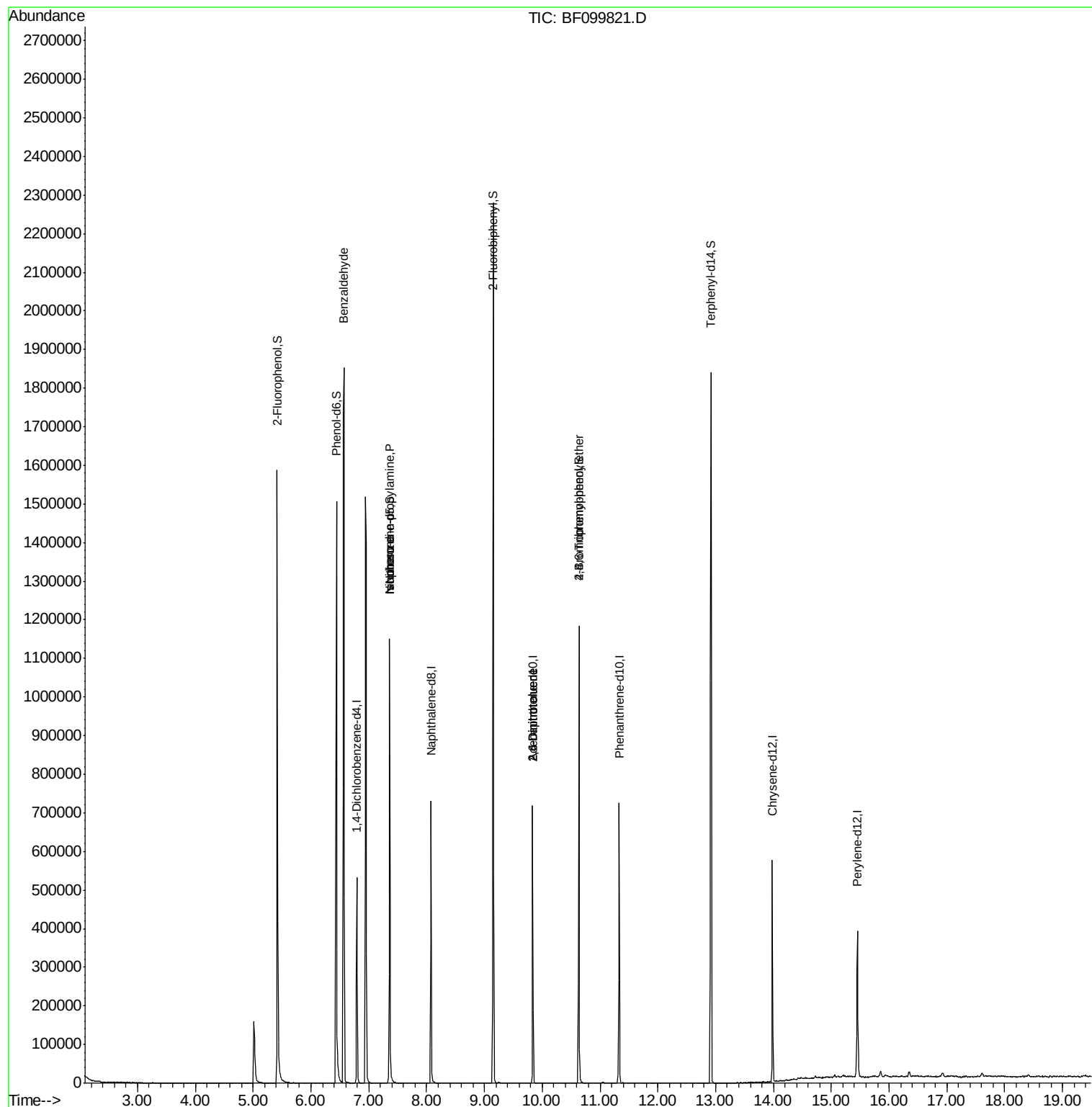
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79915	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	329727	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	147575	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	260270	20.00	ng	0.00
75) Chrysene-d12	13.98	240	191633	20.00	ng	0.00
86) Perylene-d12	15.45	264	169929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	561737	110.36	ng	0.00
7) Phenol-d6	6.44	99	659404	109.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	376322	73.48	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	140248	104.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	780609	81.61	ng	0.00
78) Terphenyl-d14	12.92	244	669663	76.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	10190	2.825	ng	87
19) n-Nitroso-di-n-propylamine	7.36	70	46536	13.157	ng	# 72
25) Isophorone	7.36	82	376322	40.493	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	18423	7.499	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	18423	6.227	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	9220	3.365	ng	# 1

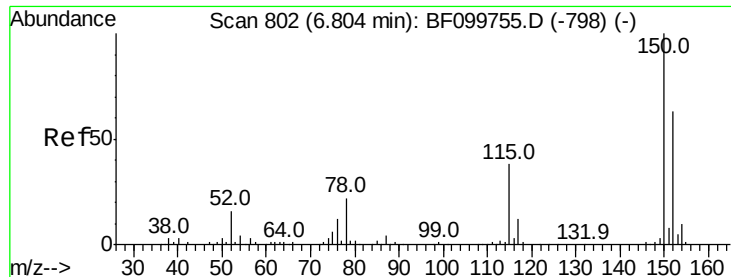
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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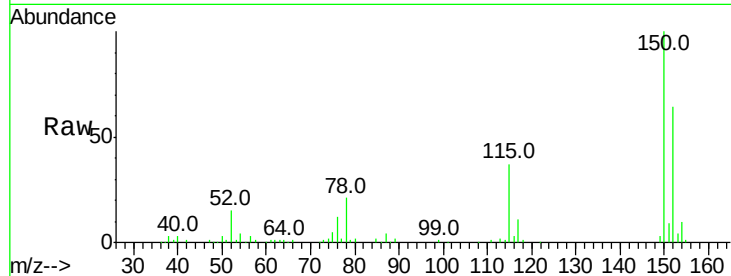


#1

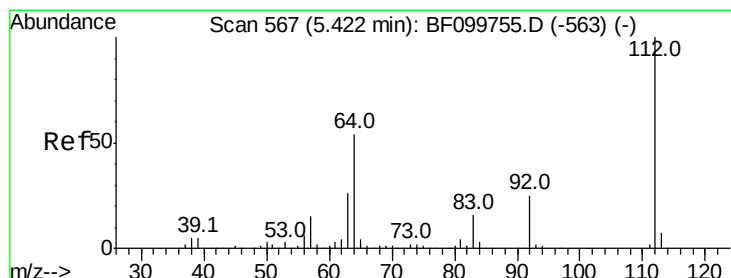
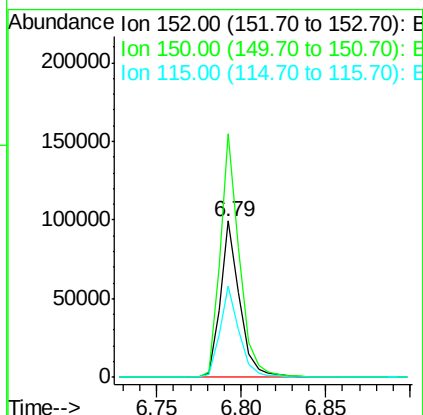
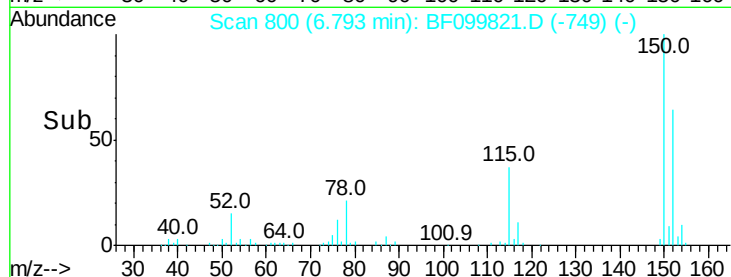
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79915
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.3 50.1 75.1



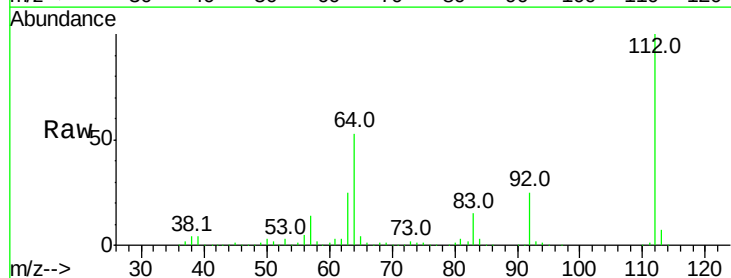
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



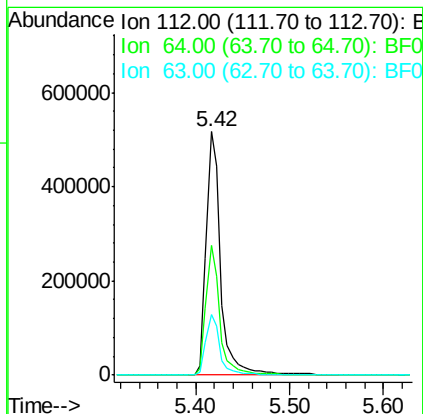
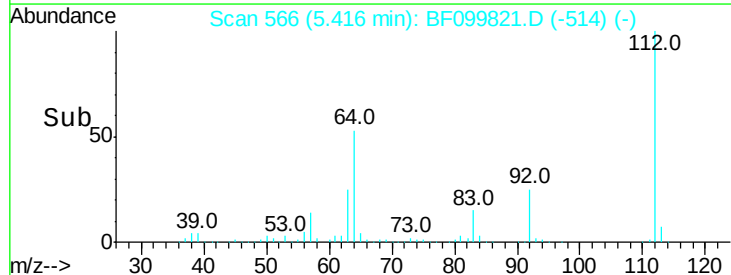
#5

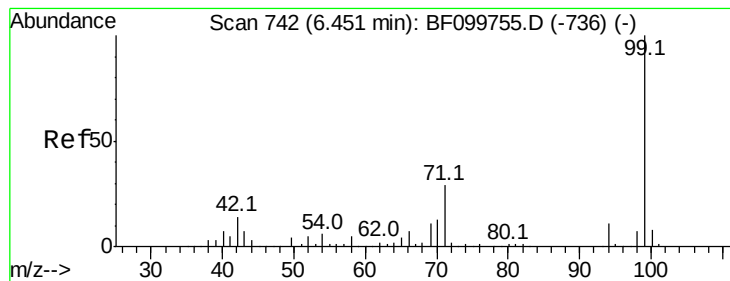
2-Fluorophenol
Concen: 110.356 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

Tgt Ion:112 Resp: 561737
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 24.8 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: 109.253 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099821.D

Acq: 25 Oct 2017 18:53

Instrument :

BNA_F

ClientSampleId :

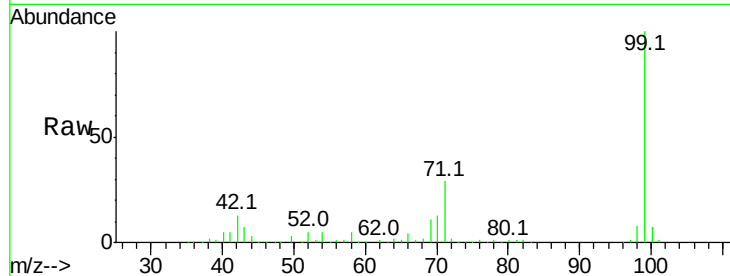
Tot Ion: 99 Resp: 659404

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

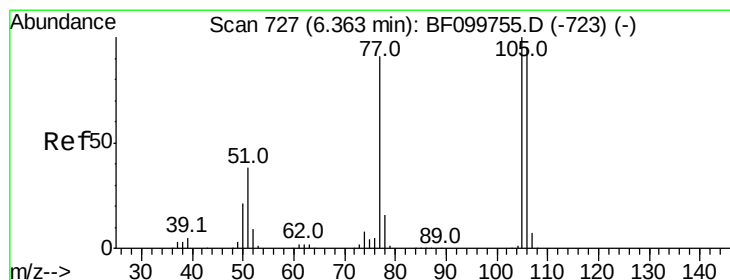
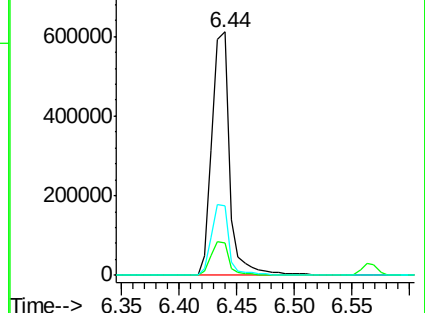
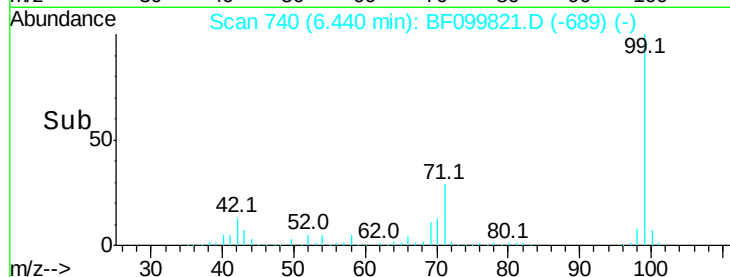
71 28.5 25.4 38.0



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: 2.825 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.22 min

Lab File: BF099821.D

Acq: 25 Oct 2017 18:53

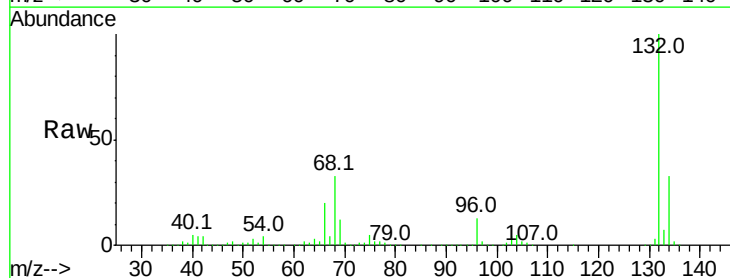
Tgt Ion: 77 Resp: 10190

Ion Ratio Lower Upper

77 100

105 87.1 81.1 121.1

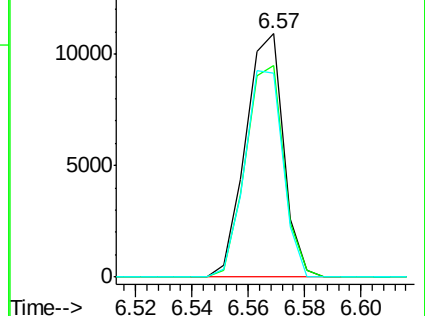
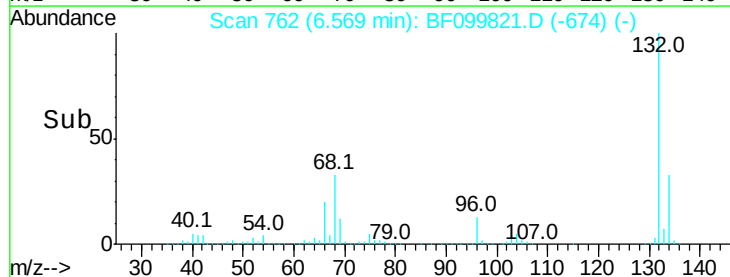
106 83.6 74.5 114.5

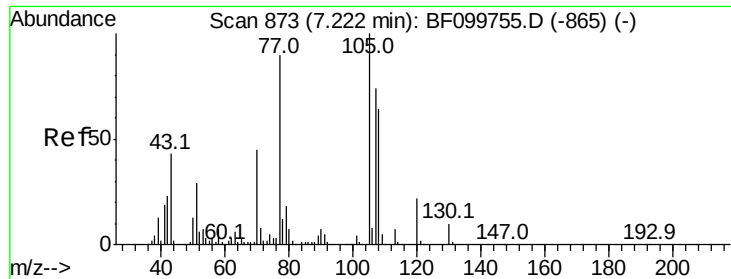


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

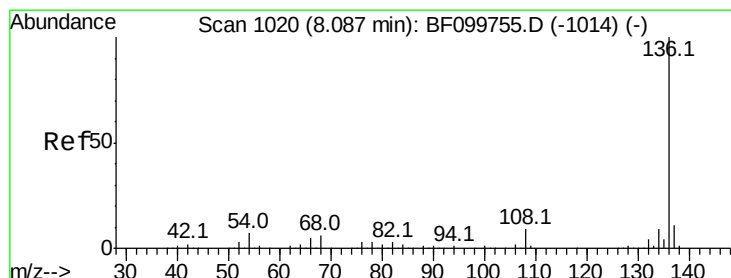
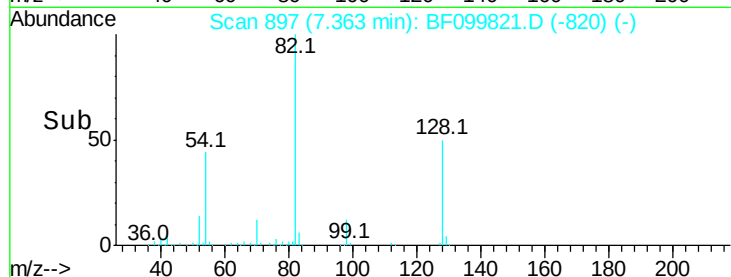
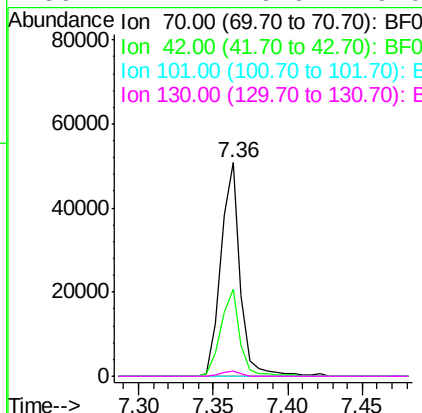
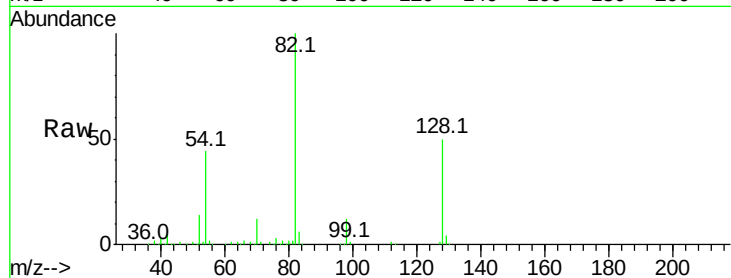




#19
n-Nitroso-di-n-propylamine
Concen: 13.157 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

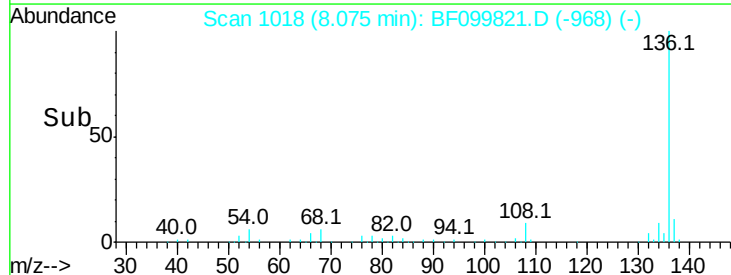
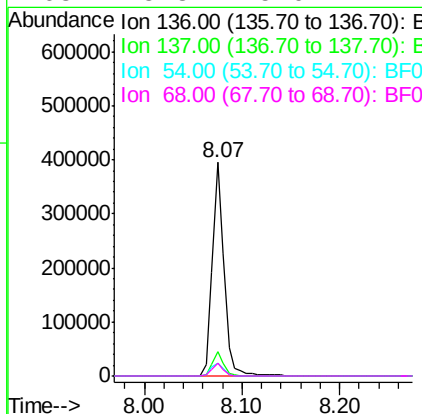
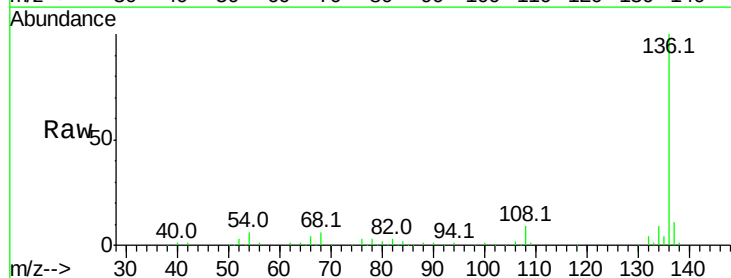
Instrument :
BNA_F
ClientSampleId :

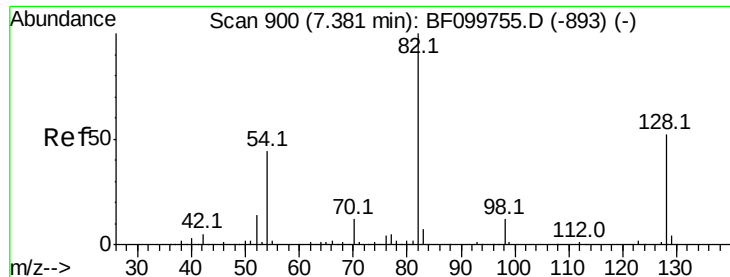
Tot Ion: 70 Resp: 46536
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

Tgt Ion:136 Resp: 329727
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.2 6.6 9.8#
68 5.8 5.0 7.4

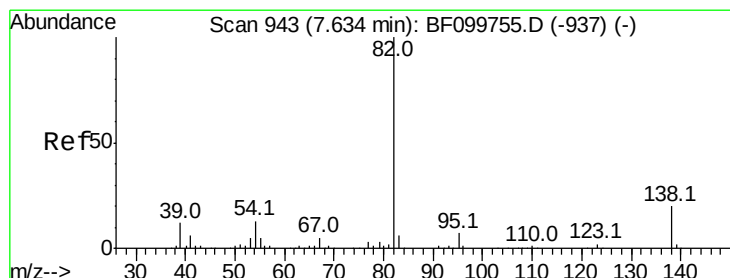
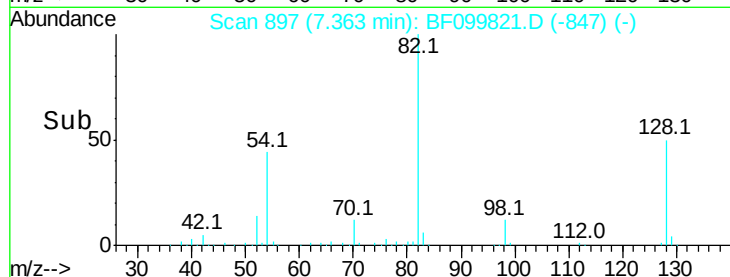
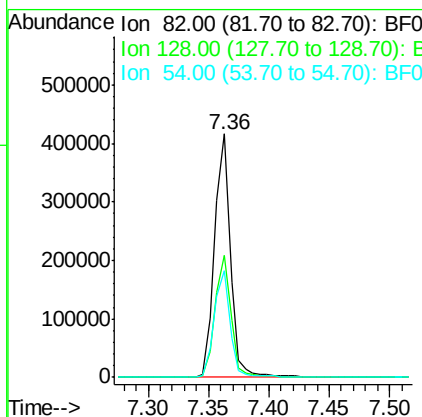
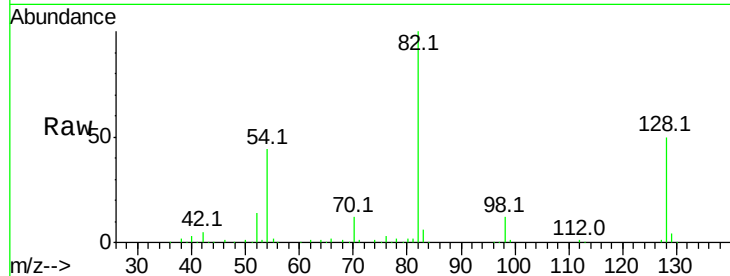




#23
 Nitrobenzene-d5
 Concen: 73.478 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

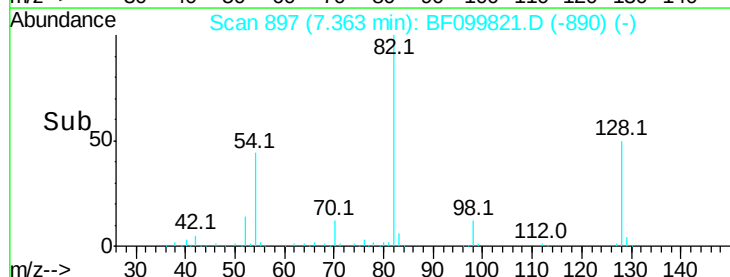
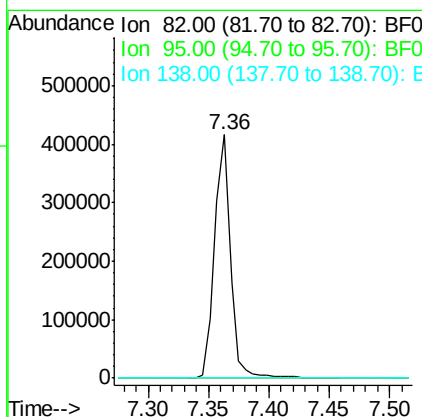
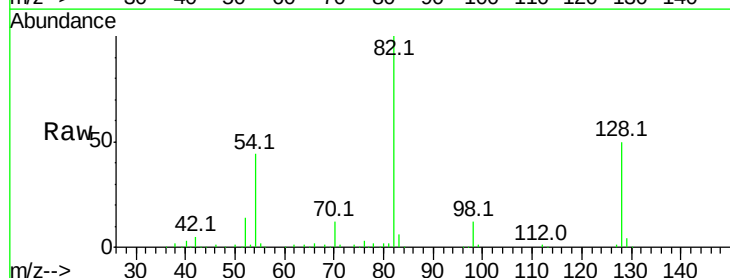
Instrument :
 BNA_F
 ClientSampleId :

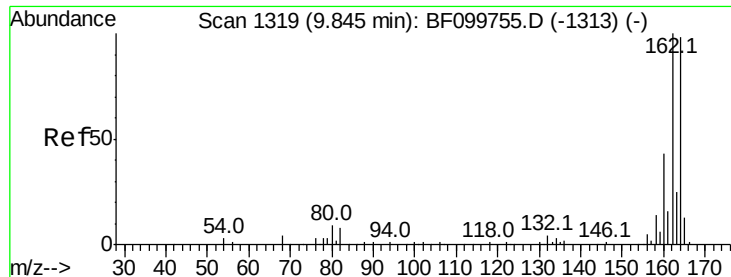
Tot Ion: 82 Resp: 376322
 Ion Ratio Lower Upper
 82 100
 128 50.3 36.1 54.1
 54 44.0 41.4 62.2



#25
 Isophorone
 Concen: 40.493 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

Tgt Ion: 82 Resp: 376322
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

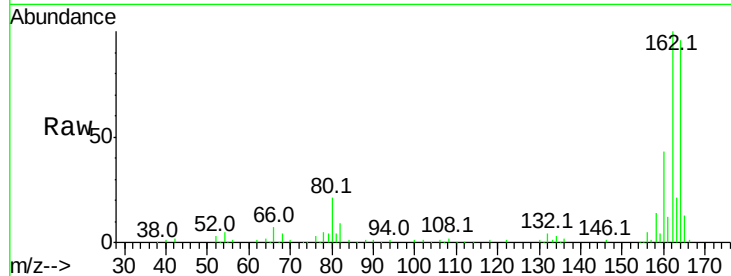




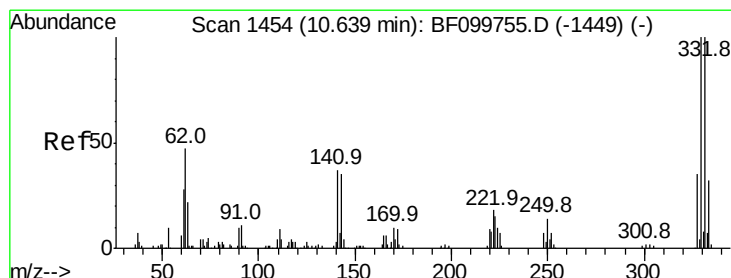
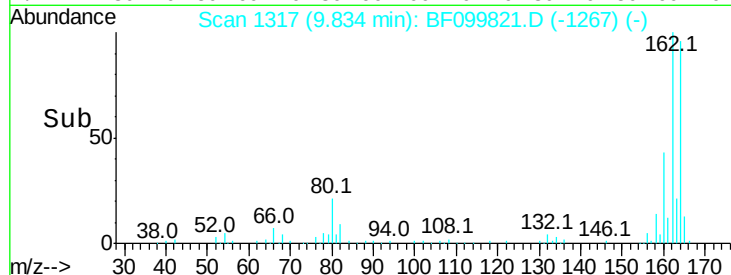
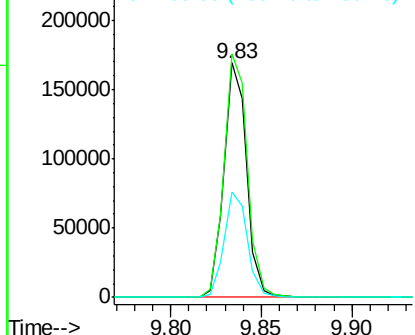
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 147575
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 44.7 38.3 57.5

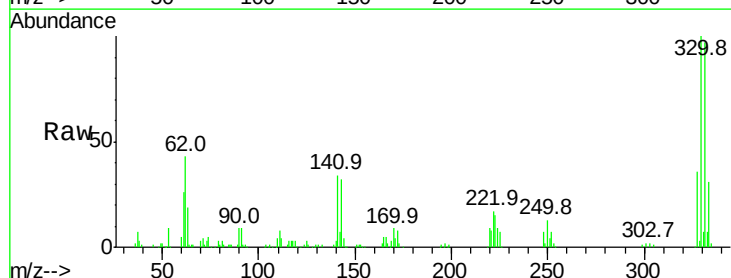


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

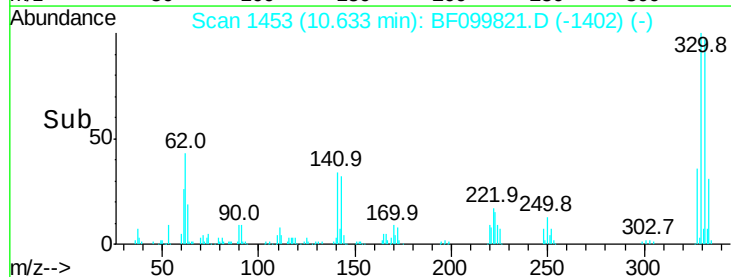
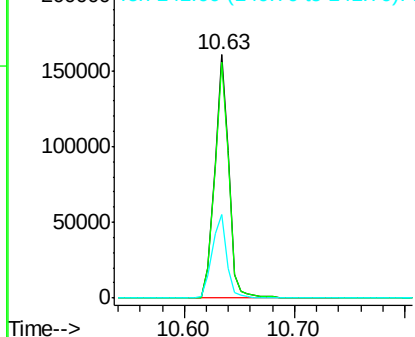


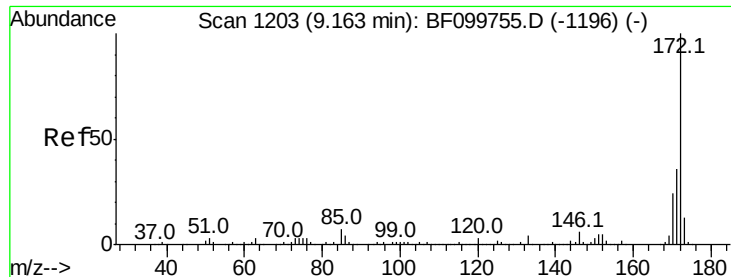
#41
2,4,6-Tribromophenol
Concen: 104.283 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF099821.D
Acq: 25 Oct 2017 18:53

Tgt Ion:330 Resp: 140248
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 35.6 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

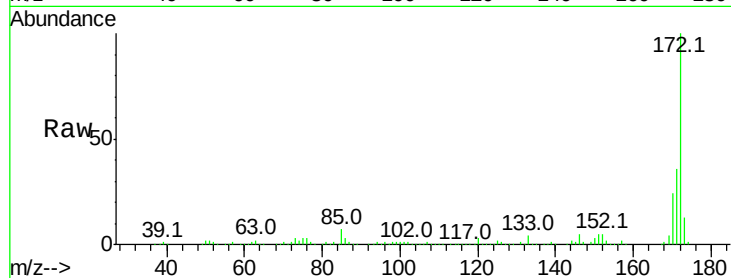




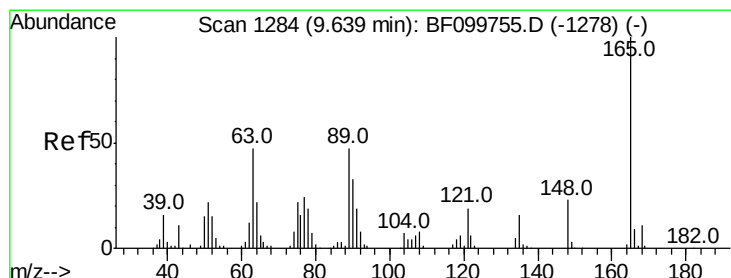
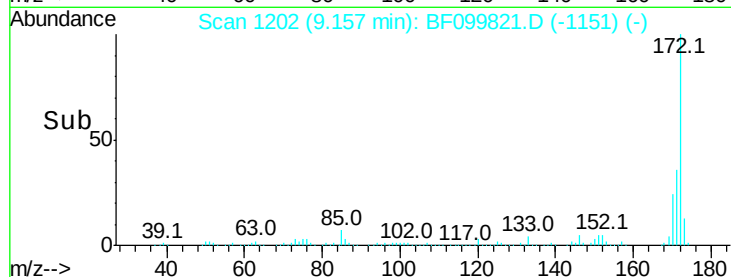
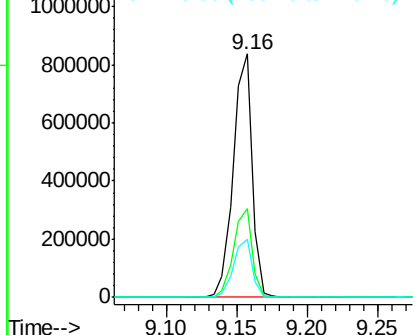
#44
 2-Fluorobiphenyl
 Concen: 81.610 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

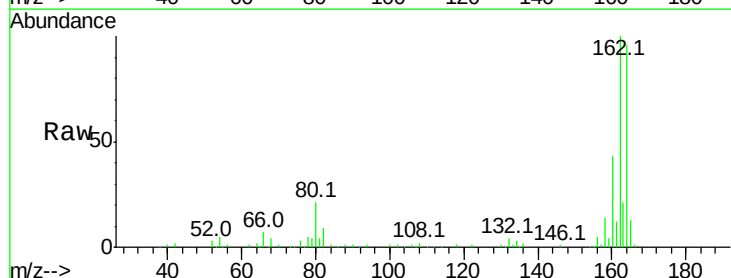


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

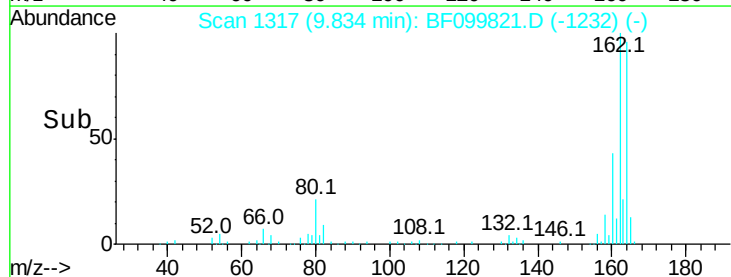
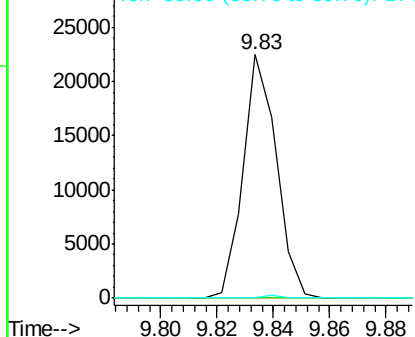


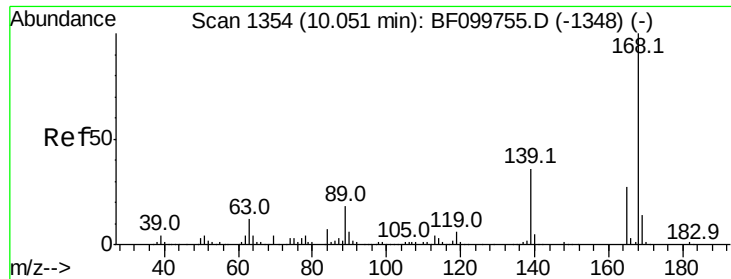
#50
 2,6-Dinitrotoluene
 Concen: 7.499 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

Tgt 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

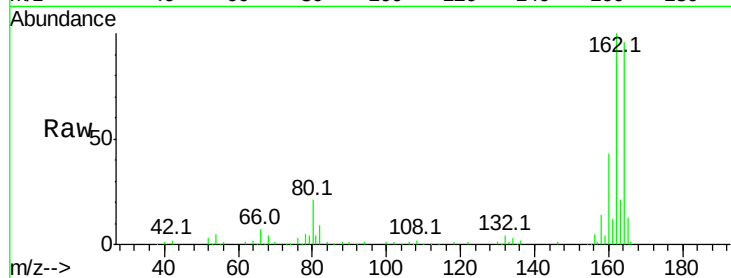




#56
 2,4-Dinitrotoluene
 Concen: 6.227 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	18423
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#

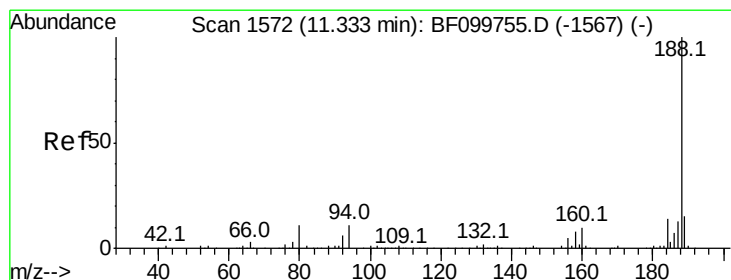
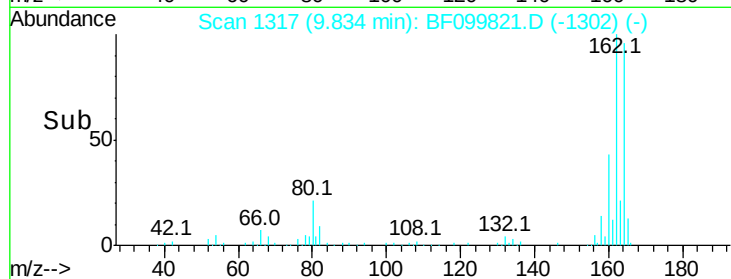
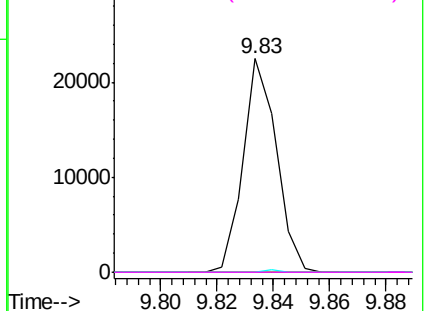


Abundance Ion 165.00 (164.70 to 165.70): E

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



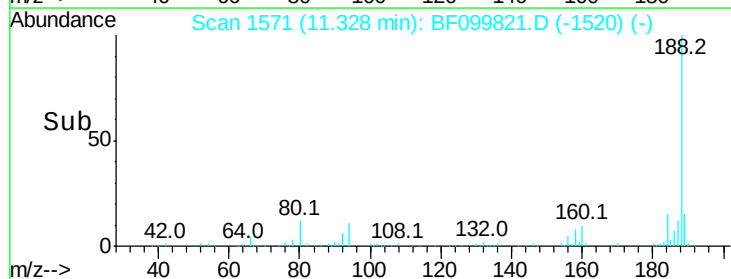
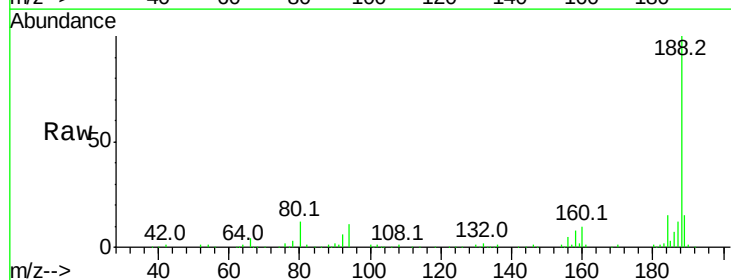
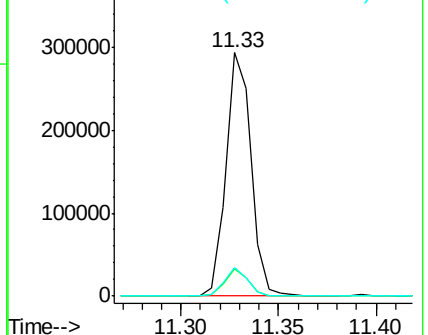
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

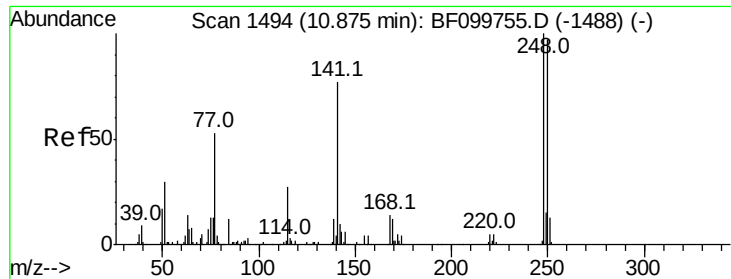
Tgt Ion:	188	Resp:	260270
Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.7	9.2	13.8

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

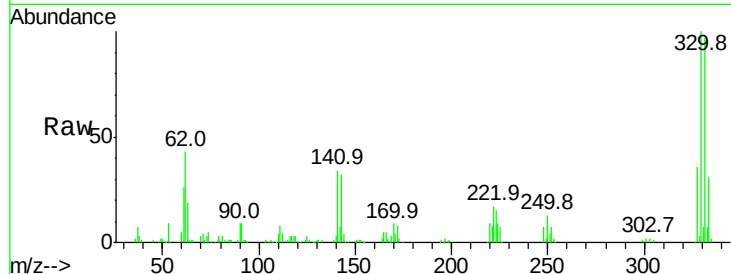




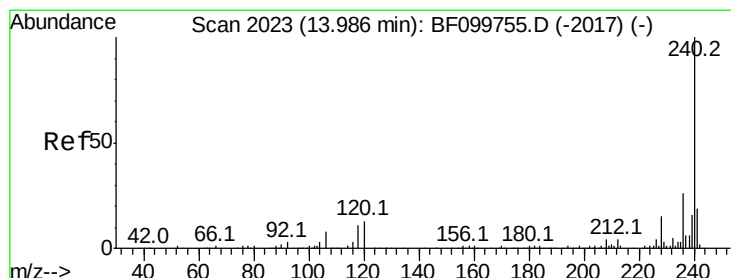
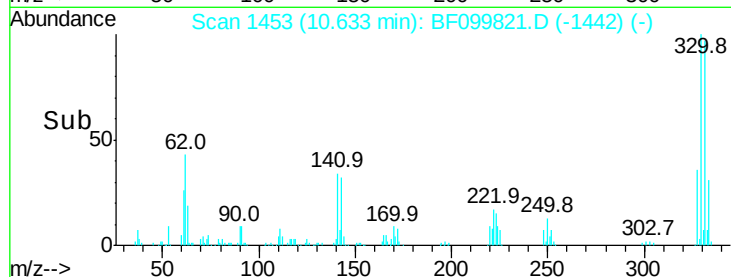
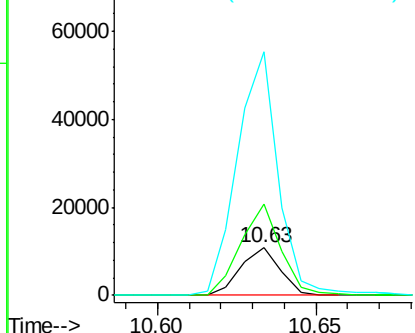
#66
 4-Bromophenyl-phenylether
 Concen: 3.365 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9220
 Ion Ratio Lower Upper
 248 100
 250 192.3 76.9 115.3#
 141 514.1 74.4 111.6#

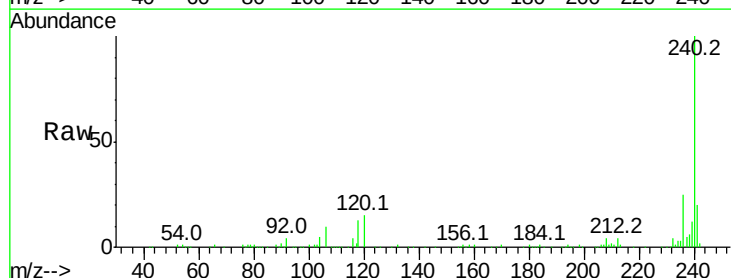


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

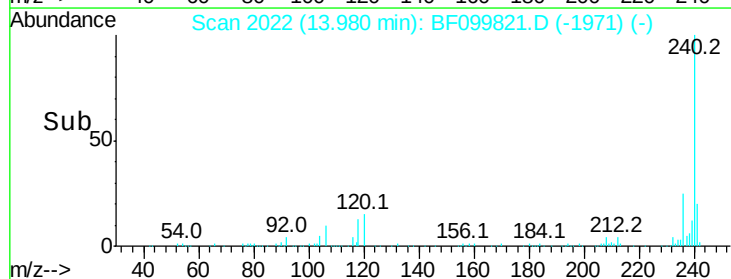
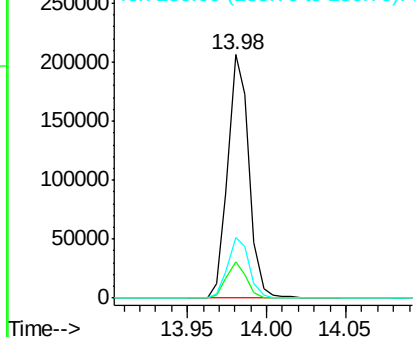


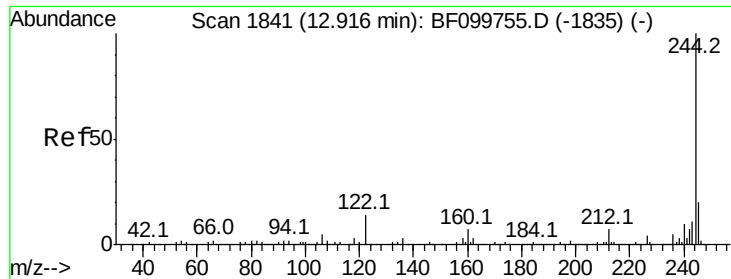
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

Tgt Ion:240 Resp: 191633
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 24.8 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

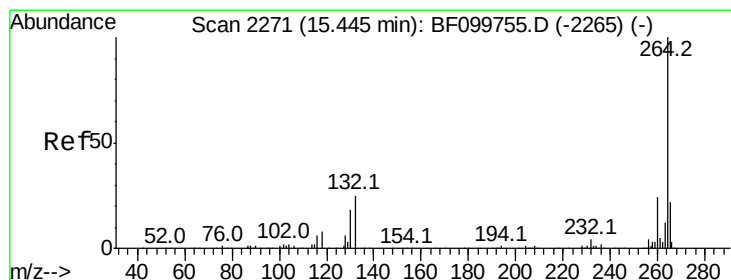
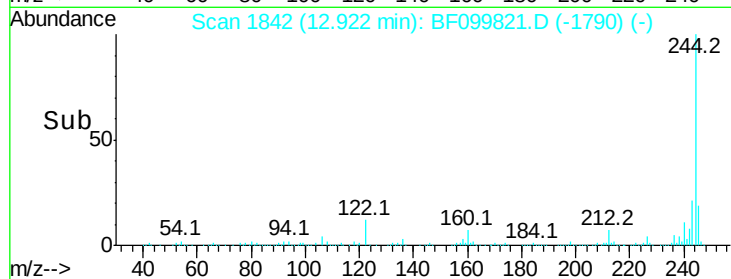
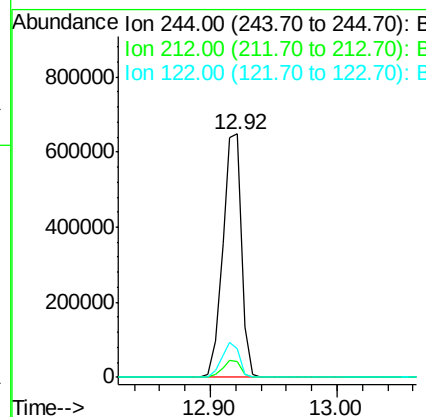
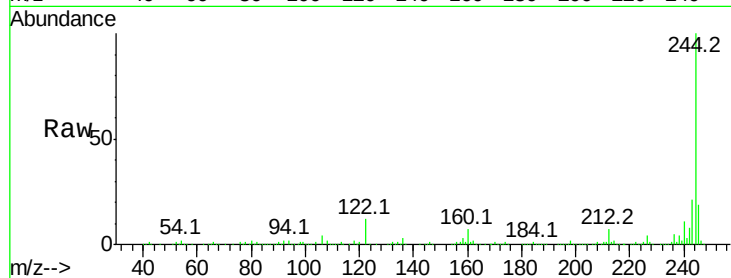




#78
 Terphenyl-d14
 Concen: 76.368 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 669663
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099821.D
 Acq: 25 Oct 2017 18:53

Tgt Ion:264 Resp: 169929
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.5 26.3

