

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099837.D
 Acq On : 26 Oct 2017 3:22
 Operator : SJ/JU
 Sample : PB103631BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 04:08:30 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

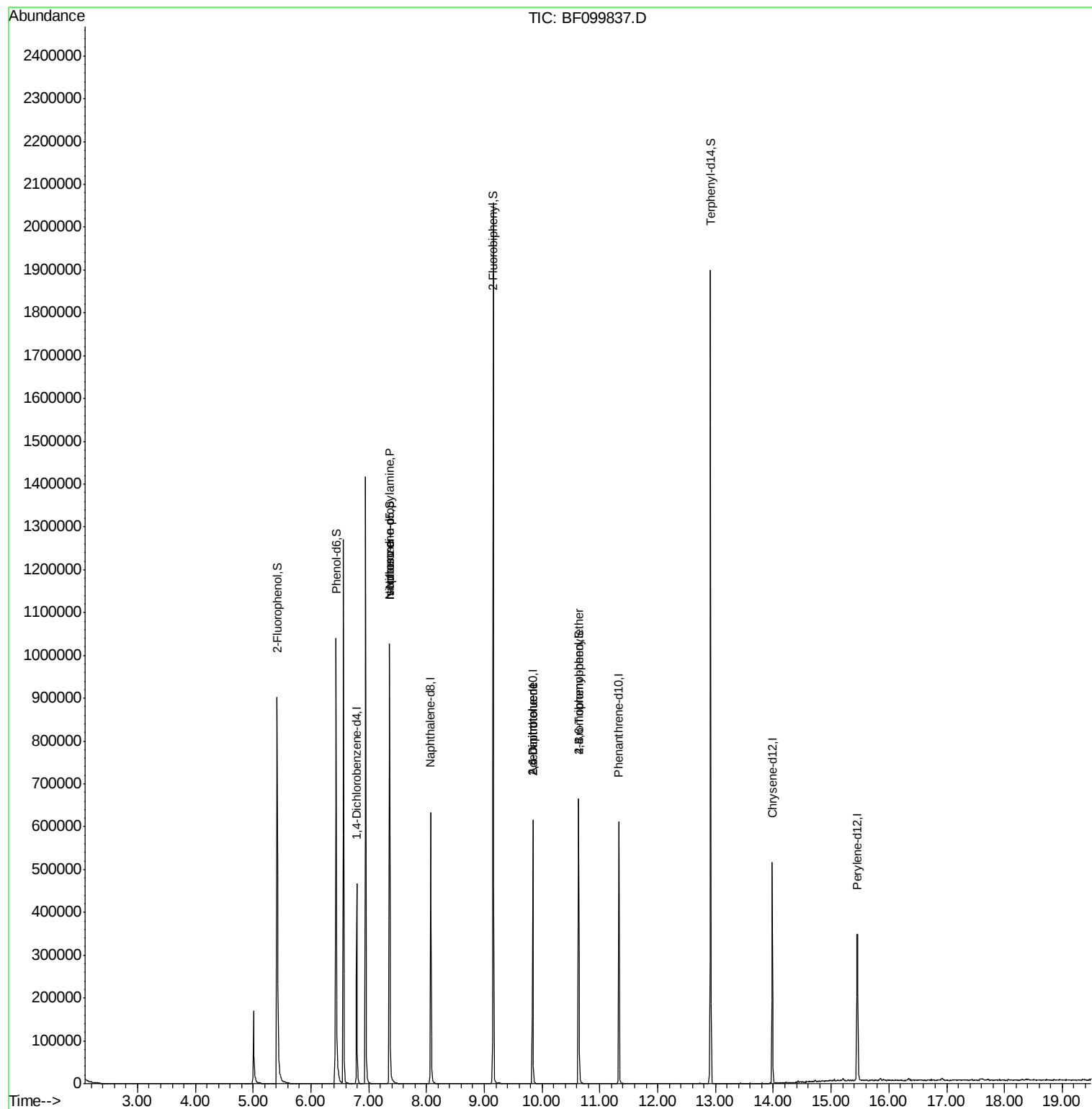
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	72884	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	295070	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	131078	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	235089	20.00	ng	0.00
75) Chrysene-d12	13.99	240	192764	20.00	ng	0.00
86) Perylene-d12	15.46	264	167979	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	347395	74.83	ng	0.00
7) Phenol-d6	6.43	99	410767	74.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	335910	73.29	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	82108	68.74	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	682119	80.29	ng	0.00
78) Terphenyl-d14	12.92	244	643305	72.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	41020	12.716	ng	# 73
25) Isophorone	7.36	82	335910	40.390	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	16005	7.334	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	16005	6.090	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	5522	2.231	ng	# 1

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

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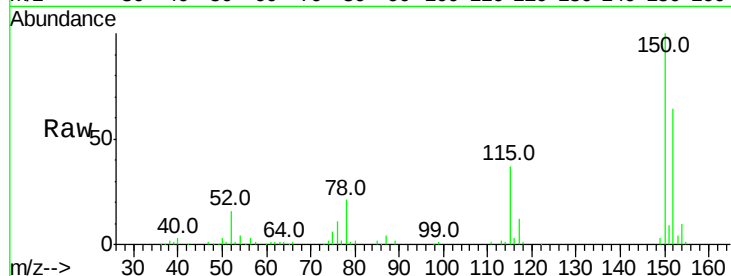


#1

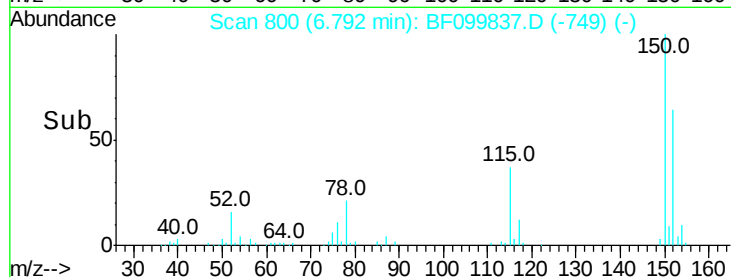
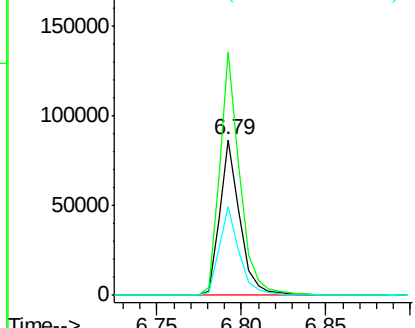
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72884
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 57.2 50.1 75.1



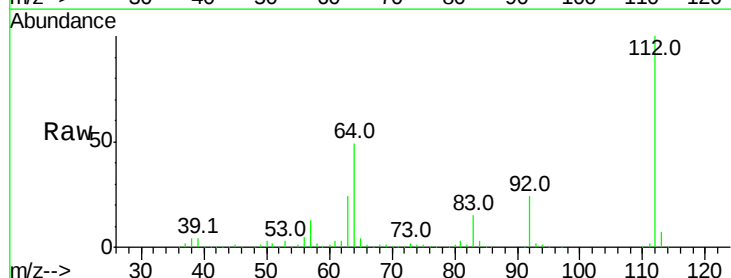
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



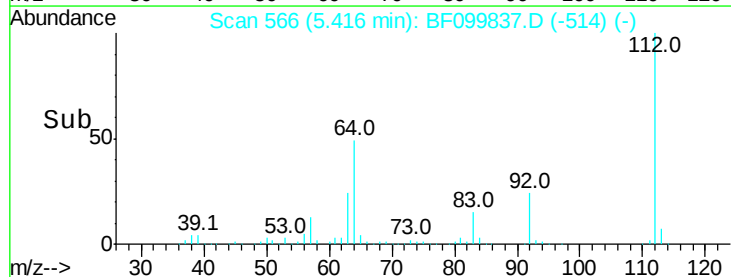
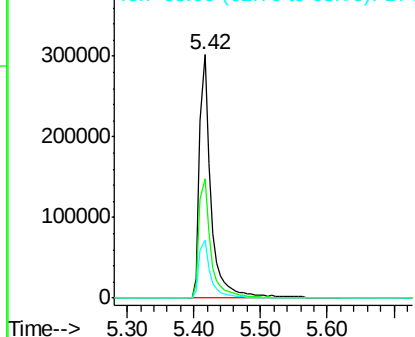
#5

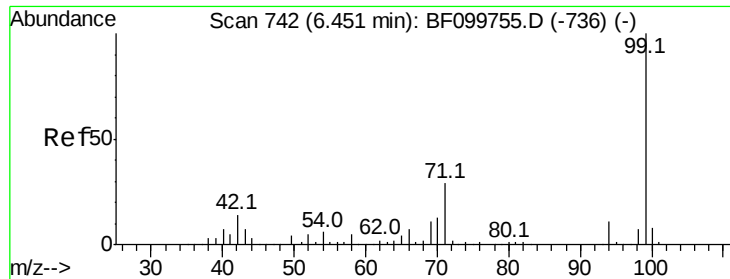
2-Fluorophenol
Concen: 74.831 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Tgt Ion:112 Resp: 347395
Ion Ratio Lower Upper
112 100
64 49.2 47.9 71.9
63 23.8 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: 74.623 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

Instrument :

BNA_F

ClientSampled :

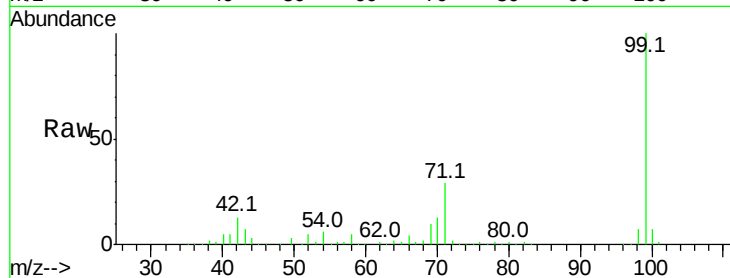
Tot Ion: 99 Resp: 410767

Ion Ratio Lower Upper

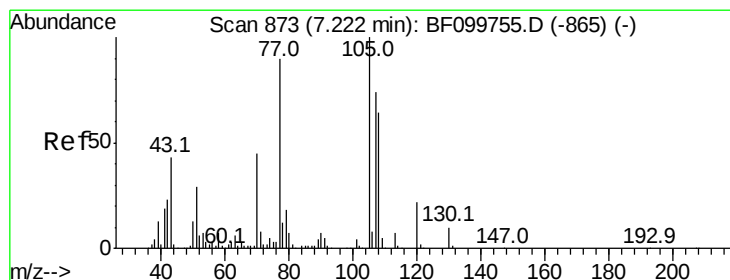
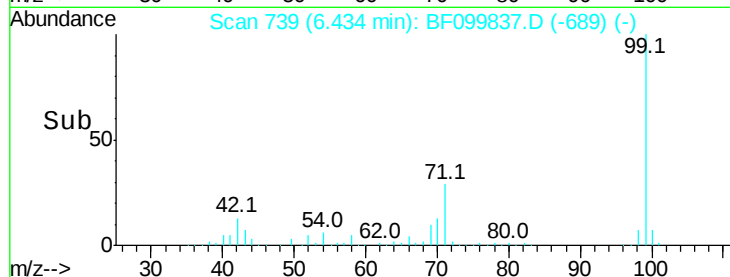
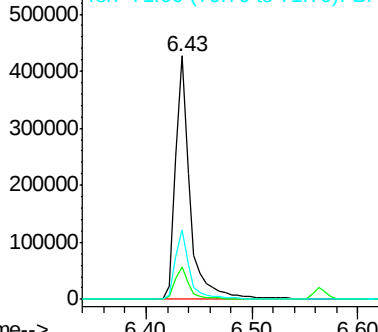
99 100

42 13.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.716 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

Tgt Ion: 70 Resp: 41020

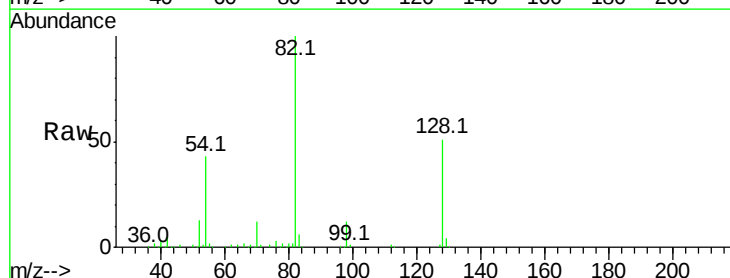
Ion Ratio Lower Upper

70 100

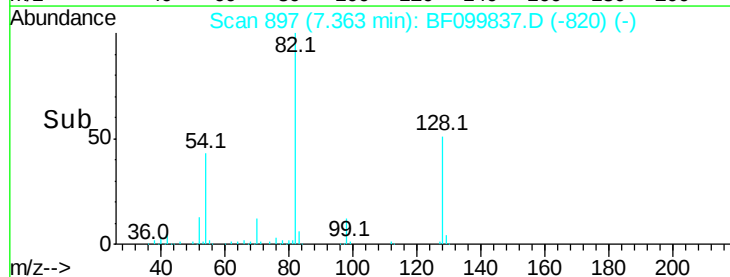
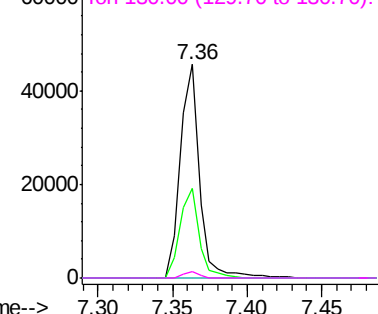
42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

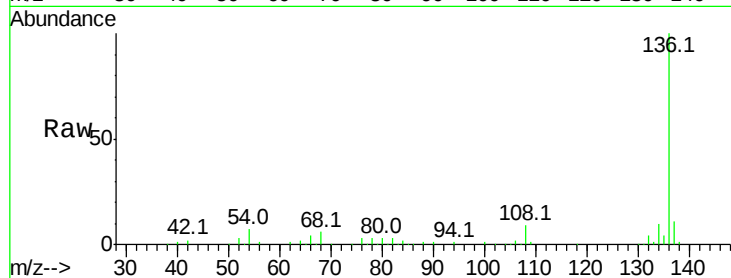




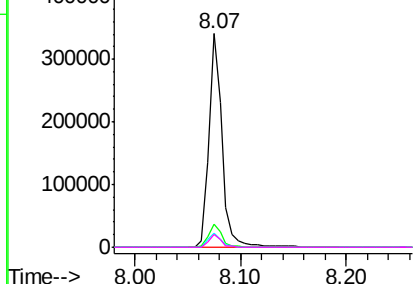
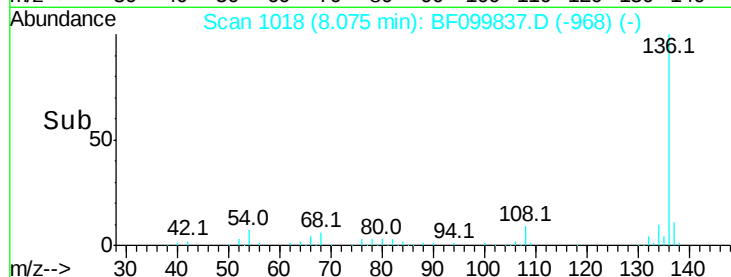
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	295070
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	6.6	9.8
68	5.8	5.0	7.4

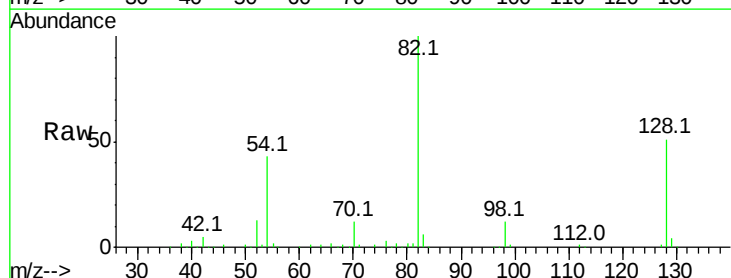


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

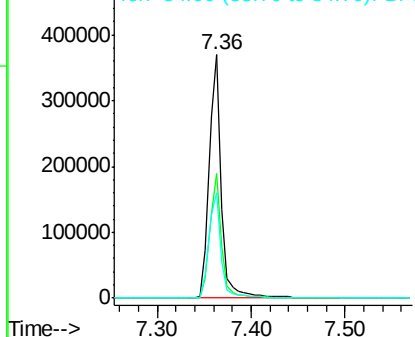
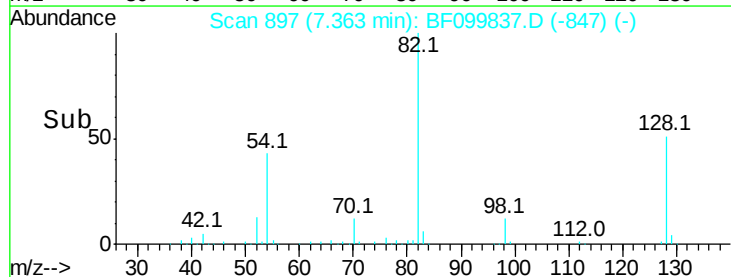


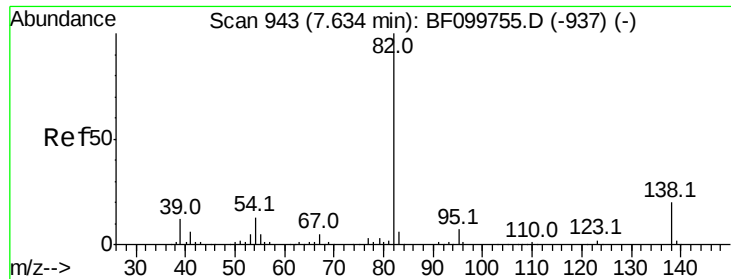
#23
Nitrobenzene-d5
Concen: 73.291 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Tgt Ion:	82	Resp:	335910
Ion	Ratio	Lower	Upper
82	100		
128	51.3	36.1	54.1
54	43.3	41.4	62.2



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





#25

Isophorone

Concen: 40.390 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

Instrument :

BNA_F

ClientSampled :

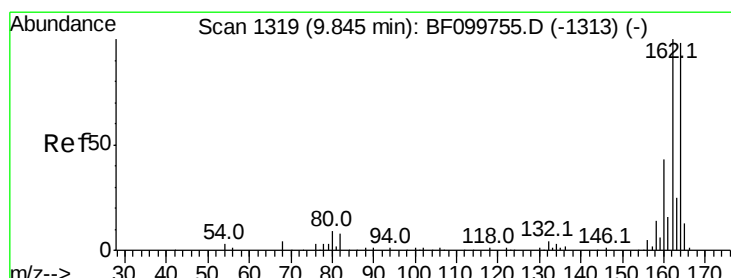
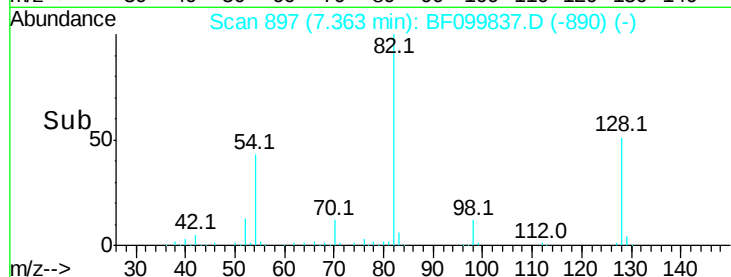
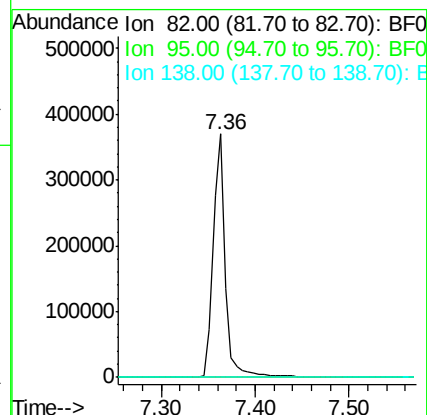
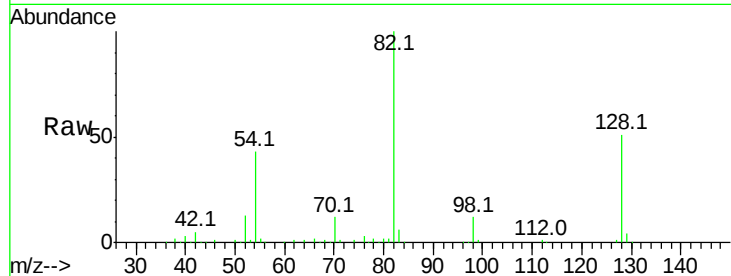
Tot Ion: 82 Resp: 335910

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: BF099837.D

Acq: 26 Oct 2017 3:22

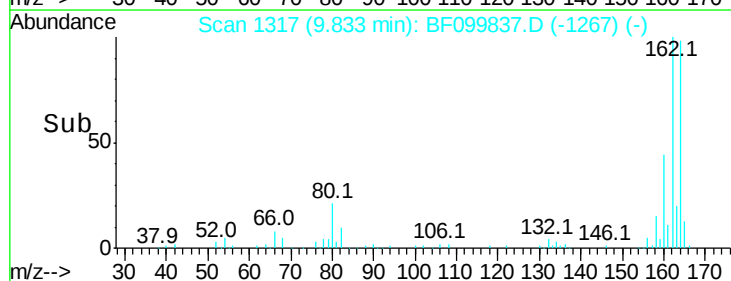
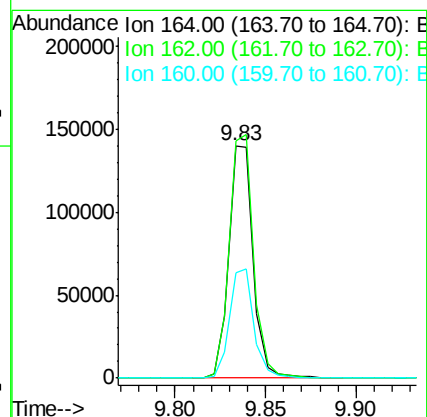
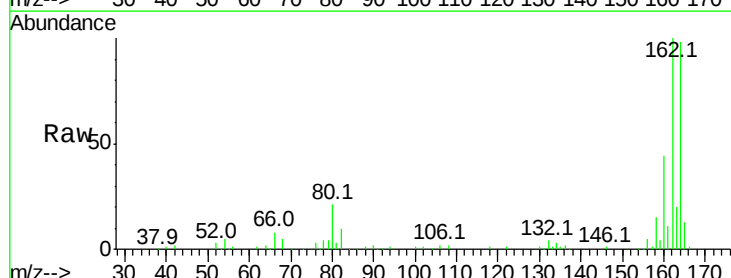
Tgt Ion:164 Resp: 131078

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

160 45.3 38.3 57.5

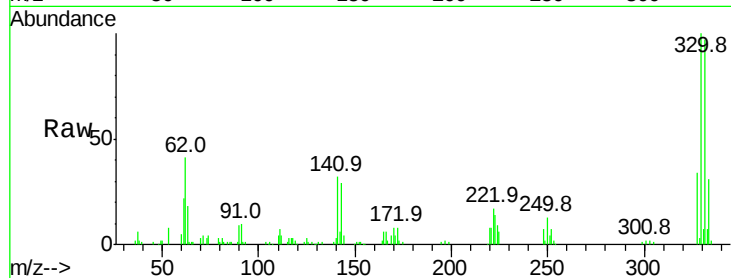




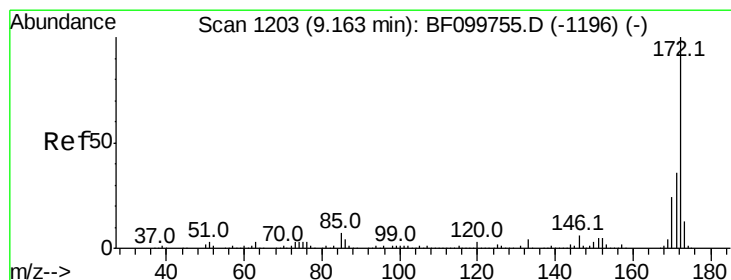
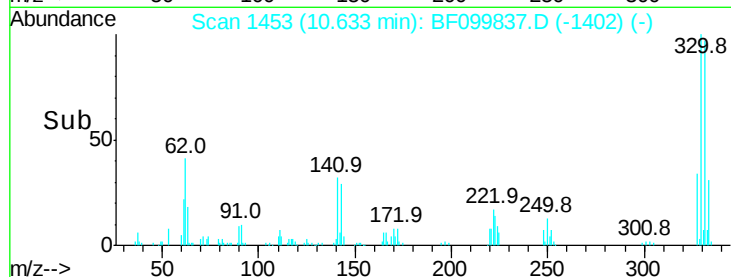
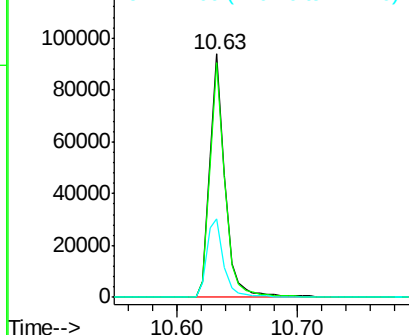
#41
 2,4,6-Tribromophenol
 Concen: 68.736 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099837.D
 Acq: 26 Oct 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	35.4	29.9	44.9

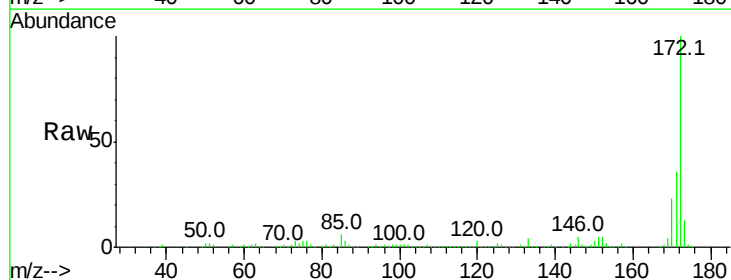


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

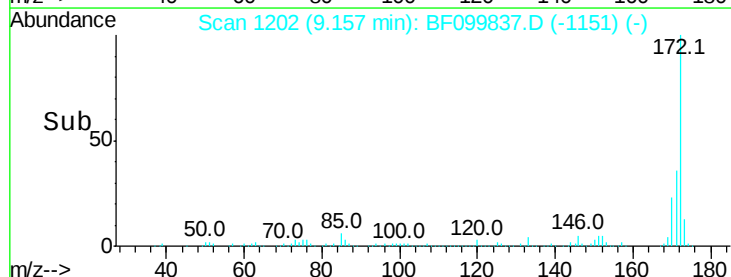
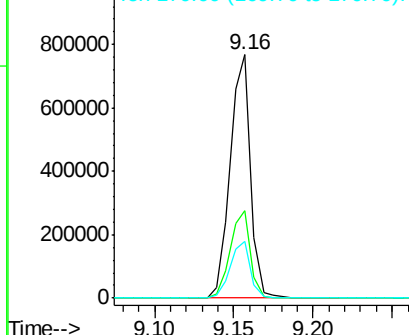


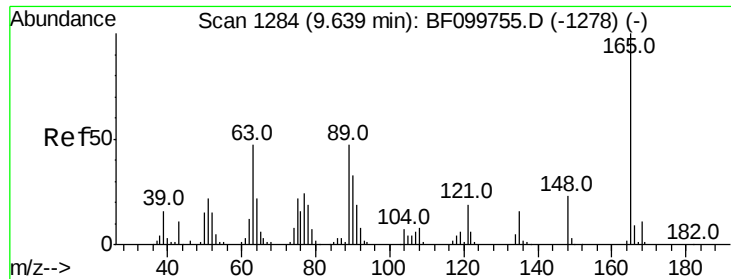
#44
 2-Fluorobiphenyl
 Concen: 80.288 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099837.D
 Acq: 26 Oct 2017 3:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	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: 7.334 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.20 min

Lab File: BF099837.D

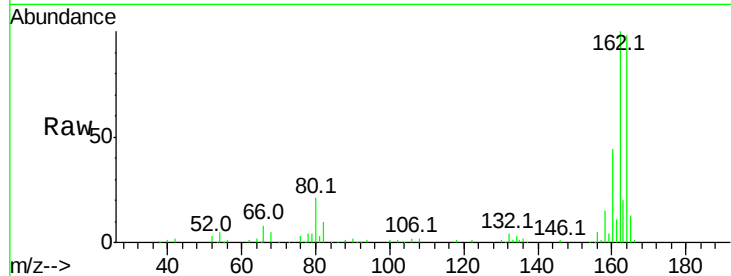
Acq: 26 Oct 2017 3:22

Instrument :

BNA_F

ClientSampleId :

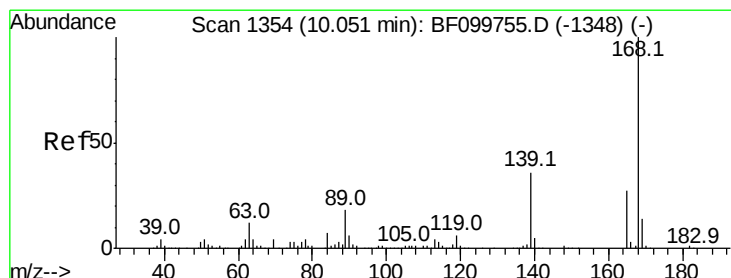
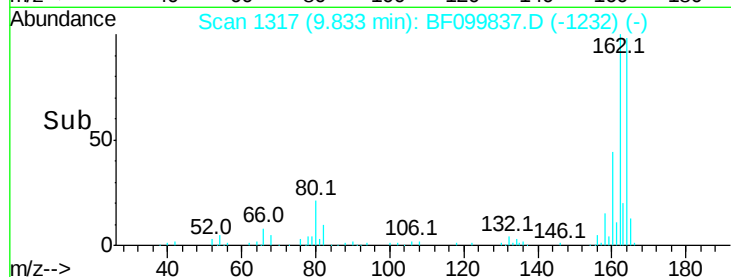
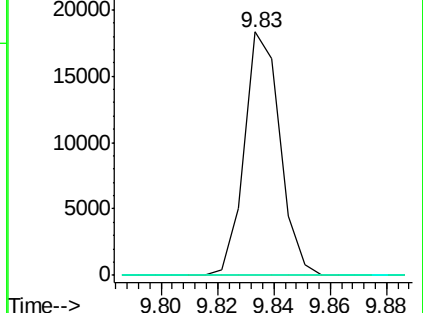
Tot Ion:	165	Resp:	16005
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 6.090 ng

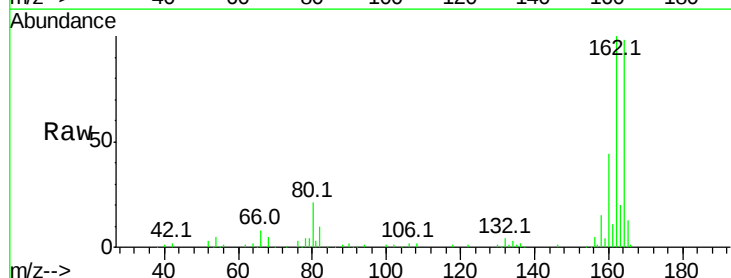
RT: 9.83 min Scan# 1317

Delta R.T. -0.21 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

Tgt Ion:	165	Resp:	16005
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#

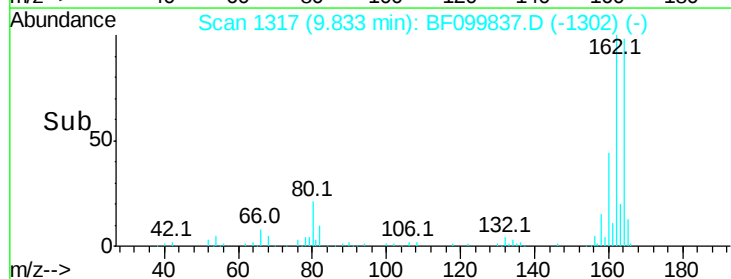
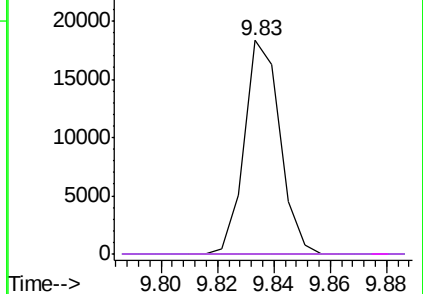


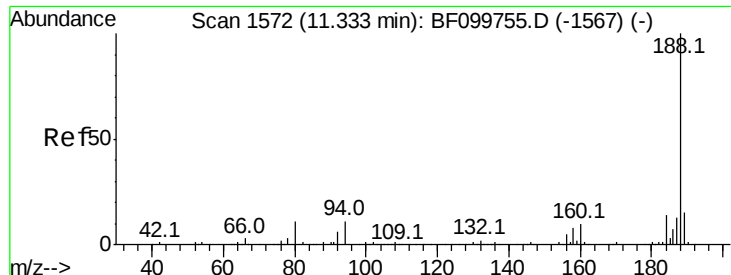
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF099837.D

Acq: 26 Oct 2017 3:22

Instrument :

BNA_F

ClientSampleId :

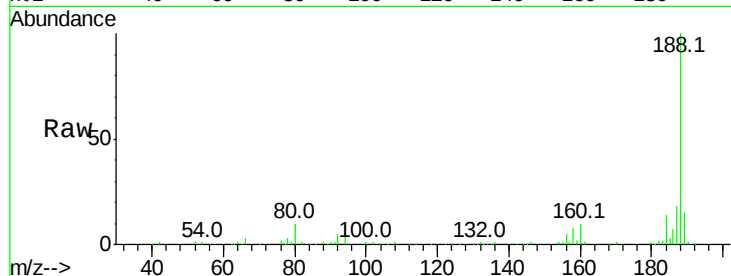
Tot Ion:188 Resp: 235089

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

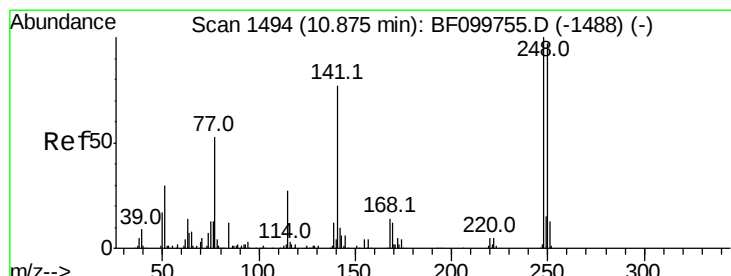
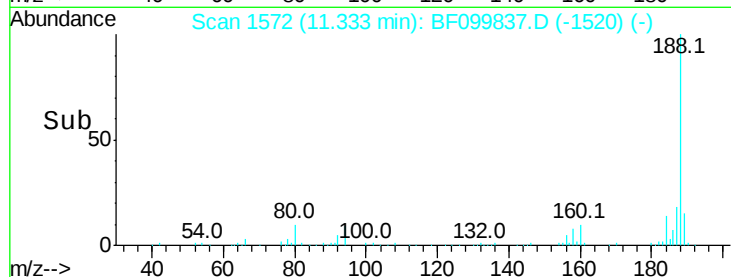
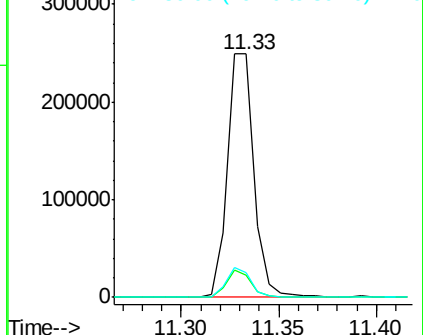
80 9.9 9.2 13.8



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: 2.231 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF099837.D

Acq: 26 Oct 2017 3:22

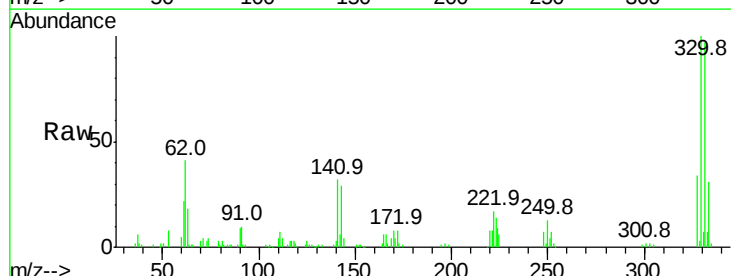
Tgt Ion:248 Resp: 5522

Ion Ratio Lower Upper

248 100

250 191.9 76.9 115.3#

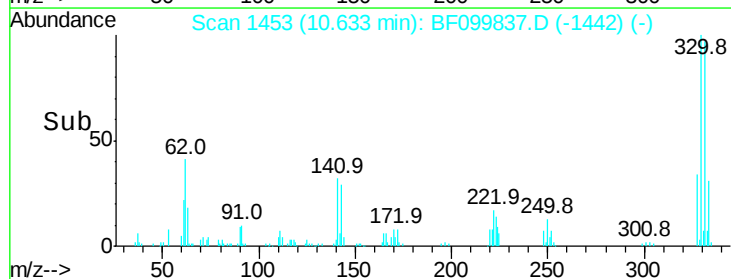
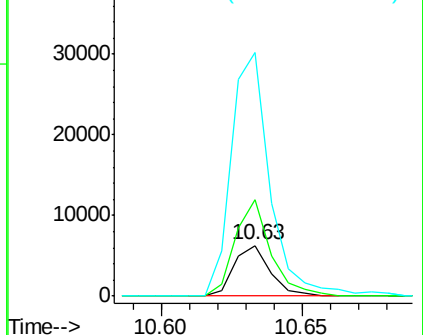
141 481.9 74.4 111.6#

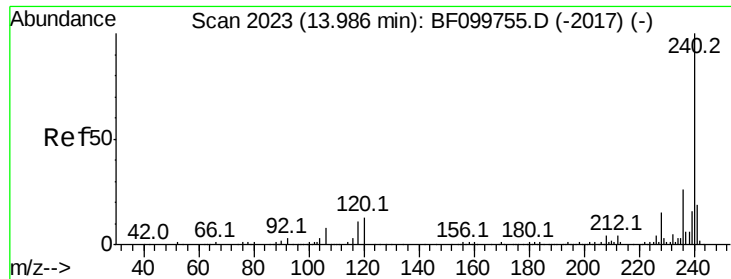


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

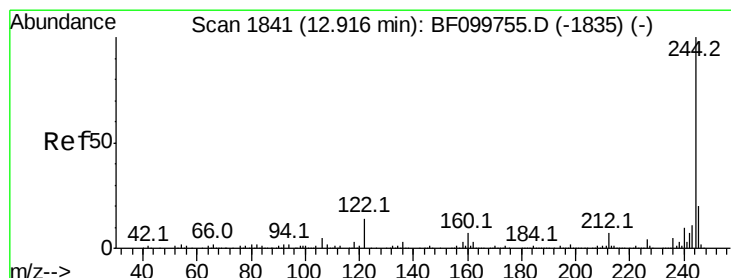
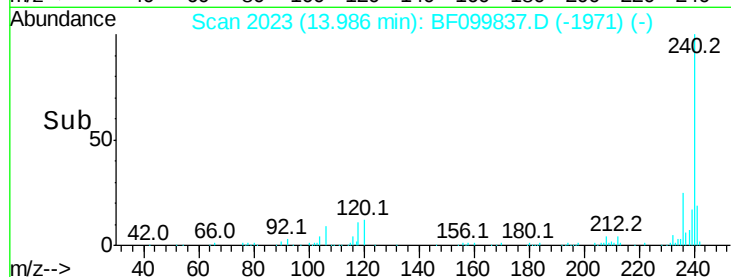
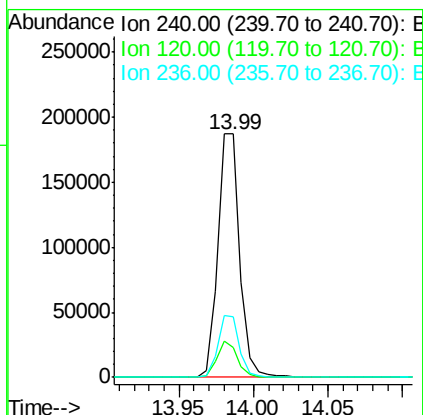
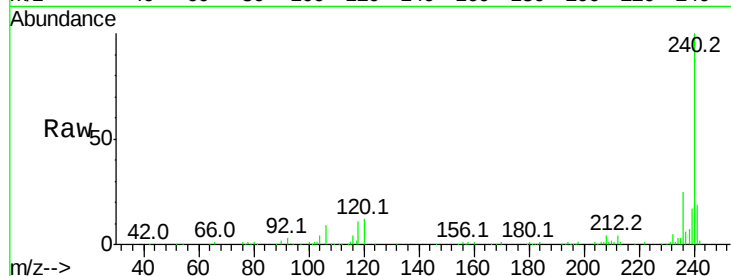




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

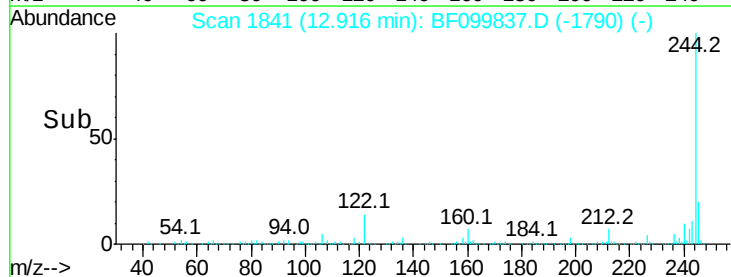
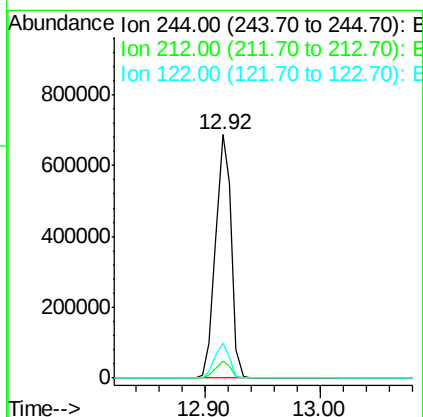
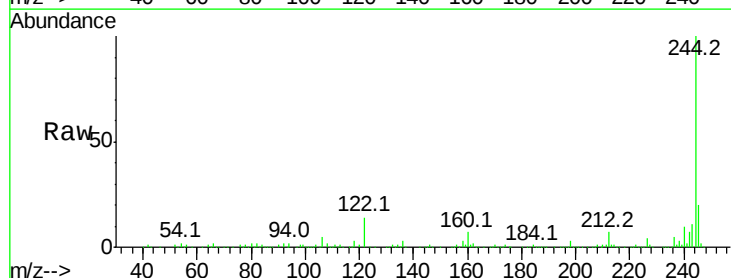
Instrument :
BNA_F
ClientSampled :

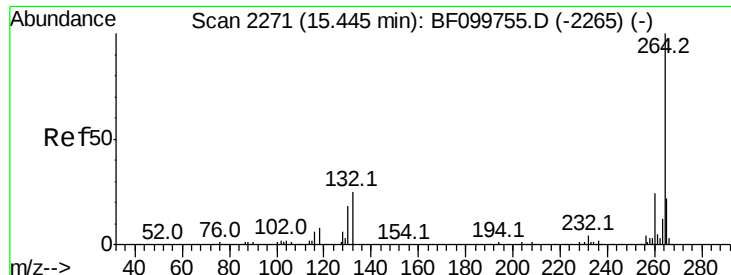
Tot Ion:240 Resp: 192764
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.6 20.7 31.1



#78
Terphenyl-d14
Concen: 72.932 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Tgt Ion:244 Resp: 643305
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.1 11.0 16.4

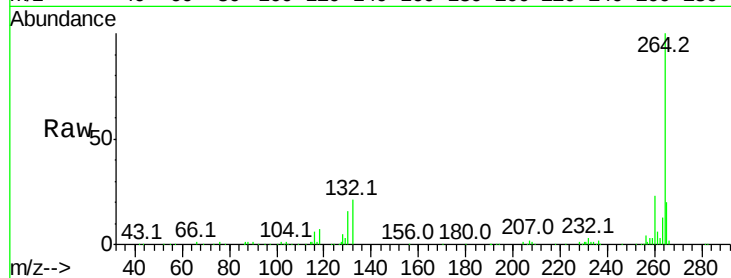




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099837.D
Acq: 26 Oct 2017 3:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.3	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

