

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099863.D
 Acq On : 26 Oct 2017 16:02
 Operator : SJ/JU
 Sample : I6089-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 16:35:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

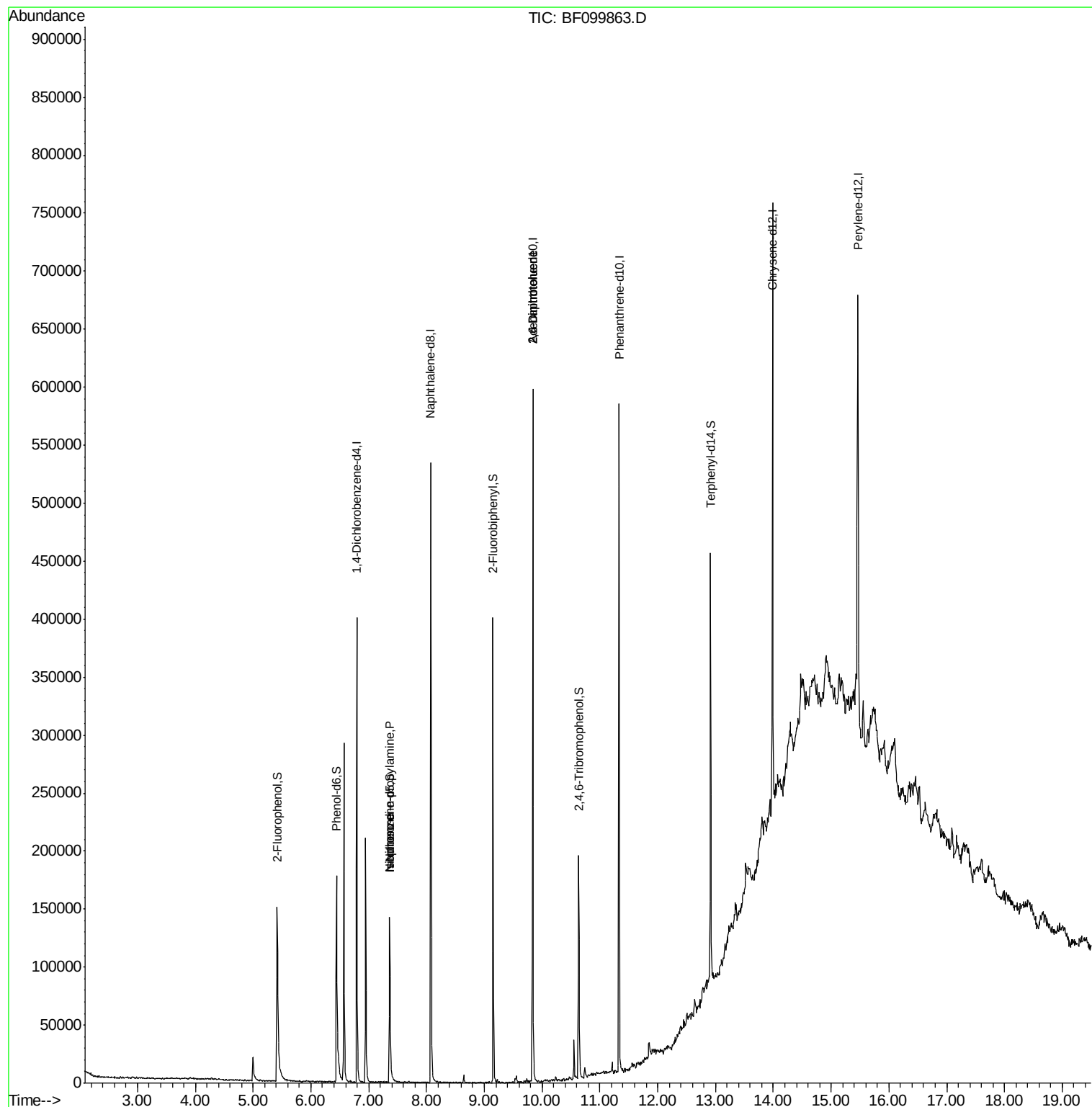
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61412	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	260725	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	119343	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	210520	20.00	ng	0.00
75) Chrysene-d12	13.99	240	179975	20.00	ng	0.00
86) Perylene-d12	15.46	264	173567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	81665	20.88	ng	0.01
7) Phenol-d6	6.44	99	104145	22.45	ng	0.00
23) Nitrobenzene-d5	7.36	82	56147	13.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	23135	21.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	127545	16.49	ng	0.00
78) Terphenyl-d14	12.92	244	109916	13.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	6216	2.287	ng	# 73
25) Isophorone	7.36	82	56147	7.641	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	14997	7.548	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	14997	6.268	ng	# 21

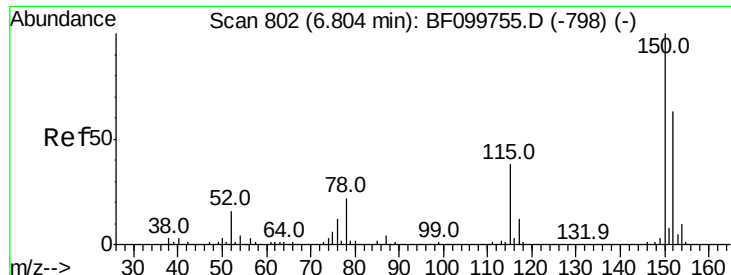
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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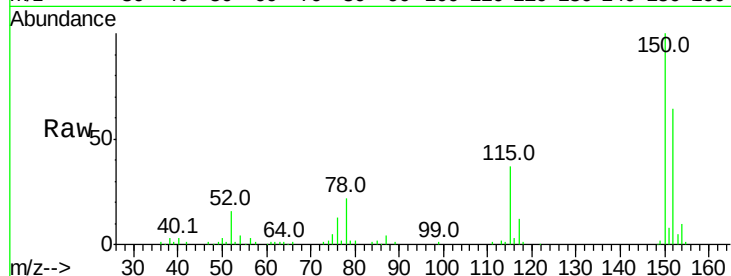


#1

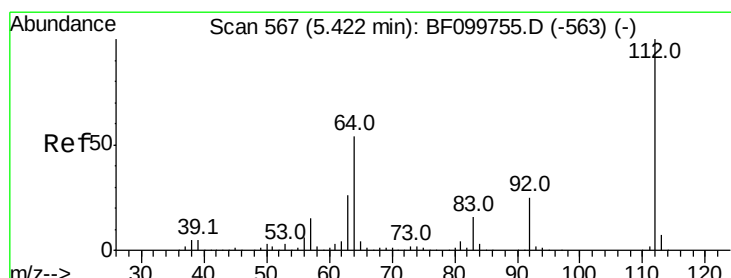
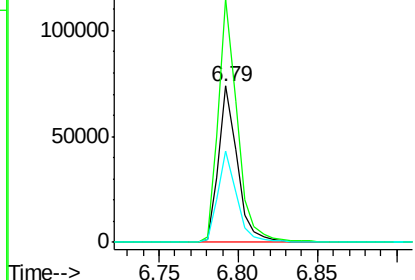
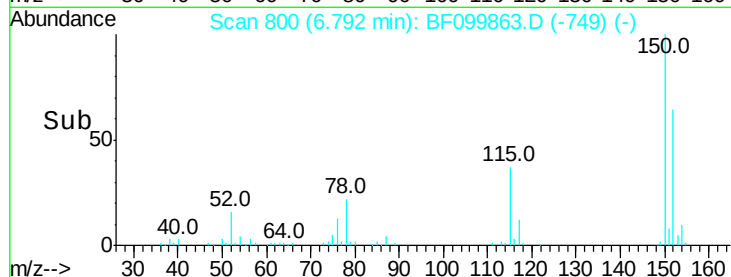
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099863.D
Acq: 26 Oct 2017 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61412
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.3 50.1 75.1



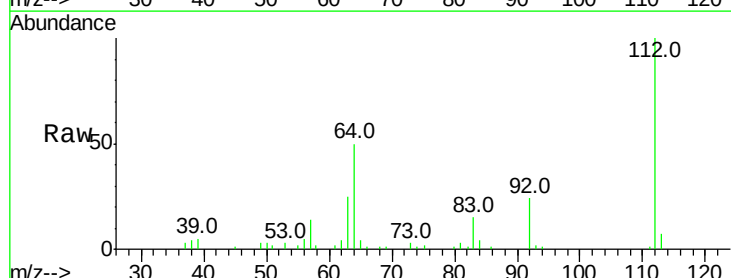
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



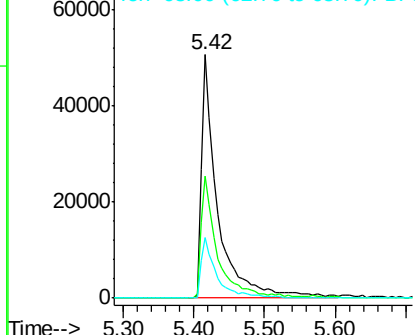
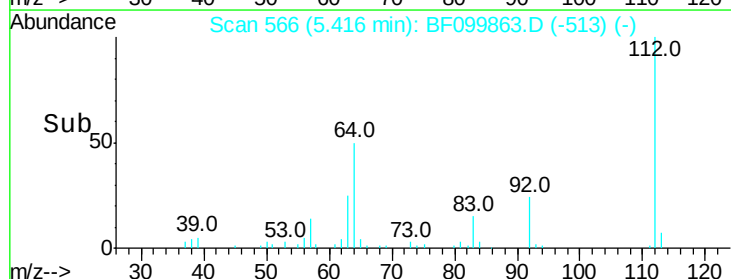
#5

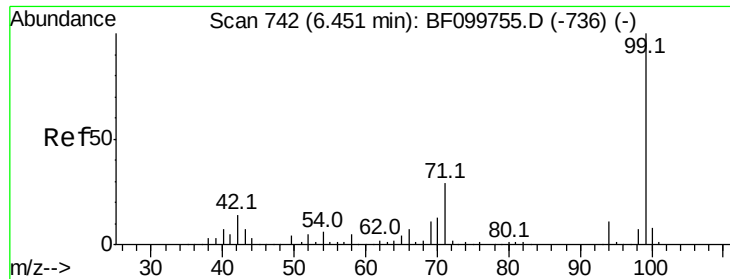
2-Fluorophenol
Concen: 20.877 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099863.D
Acq: 26 Oct 2017 16:02

Tgt Ion:112 Resp: 81665
Ion Ratio Lower Upper
112 100
64 50.2 47.9 71.9
63 25.1 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: 22.454 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099863.D

Acq: 26 Oct 2017 16:02

Instrument :

BNA_F

ClientSampleId :

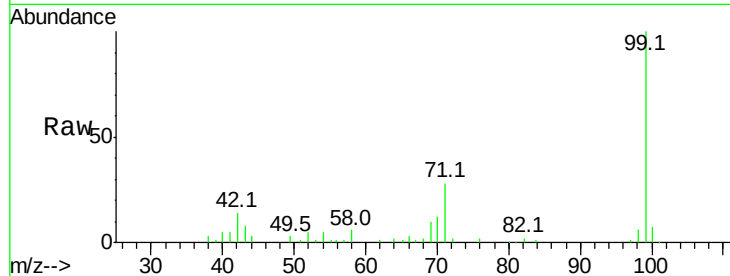
Tot Ion: 99 Resp: 104145

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

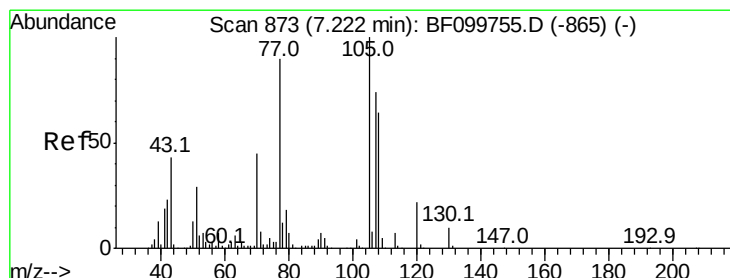
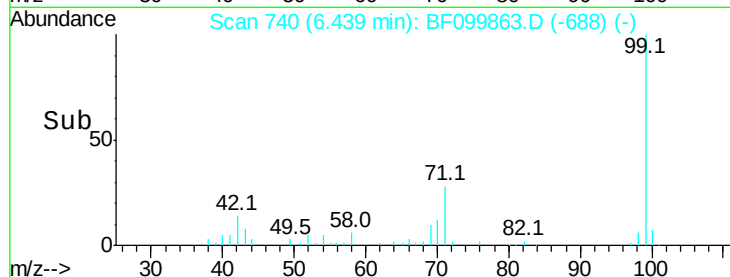
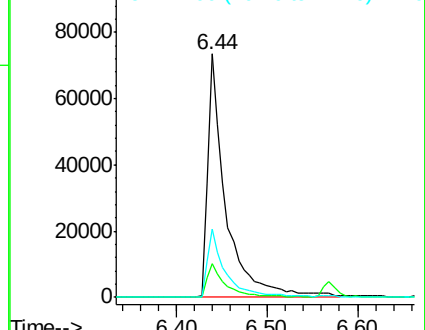
71 27.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.287 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099863.D

Acq: 26 Oct 2017 16:02

Tgt Ion: 70 Resp: 6216

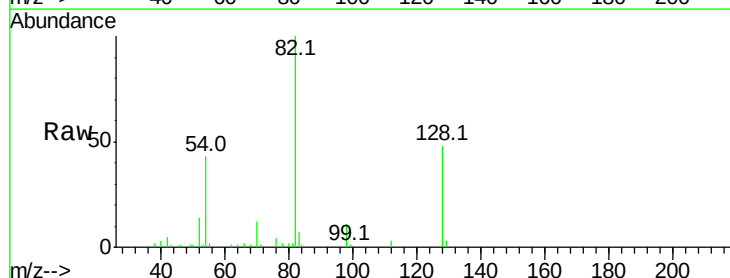
Ion Ratio Lower Upper

70 100

42 43.6 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

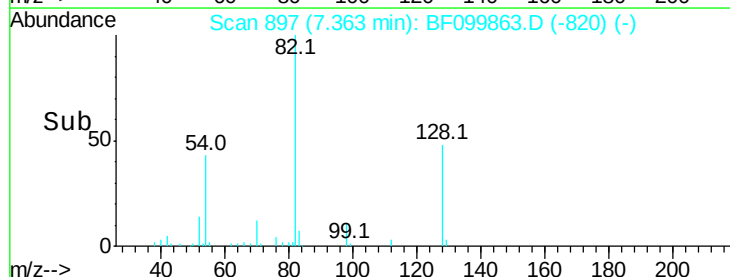
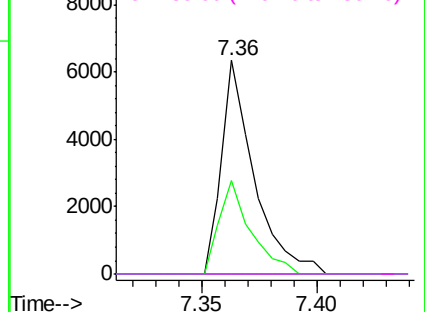


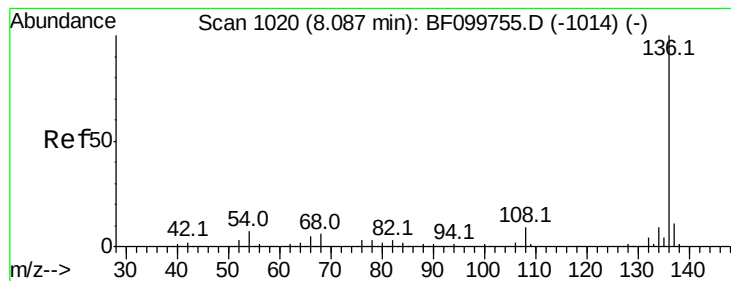
Abundance Ion 70.00 (69.70 to 70.70): BF0

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. 0.00 min

Lab File: BF099863.D

Acq: 26 Oct 2017 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 260725

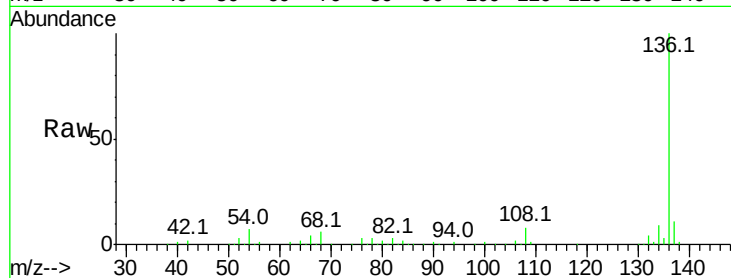
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

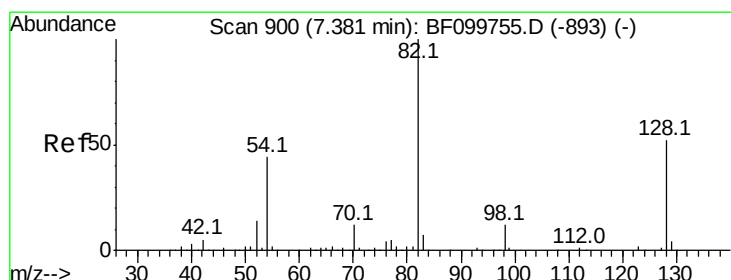
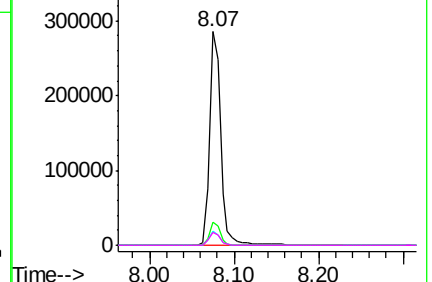
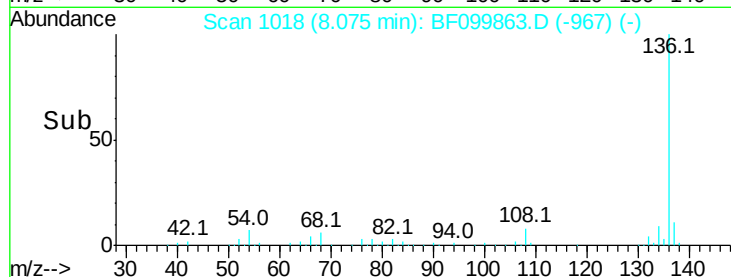


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.864 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099863.D

Acq: 26 Oct 2017 16:02

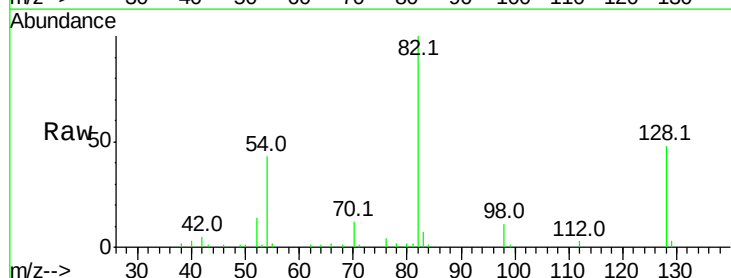
Tgt Ion: 82 Resp: 56147

Ion Ratio Lower Upper

82 100

128 48.4 36.1 54.1

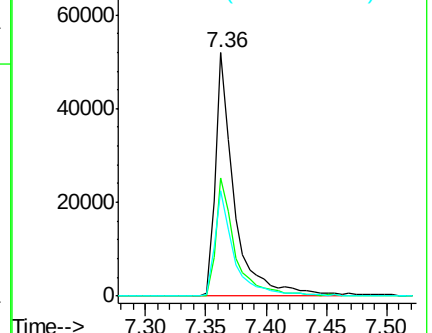
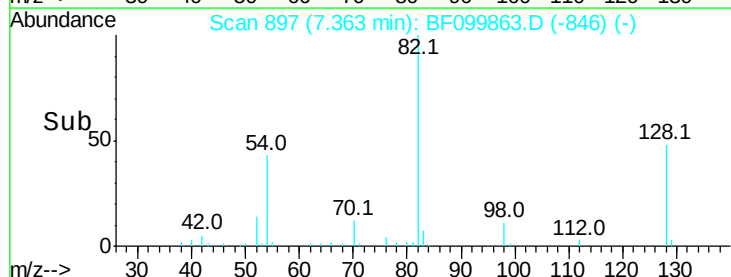
54 43.3 41.4 62.2

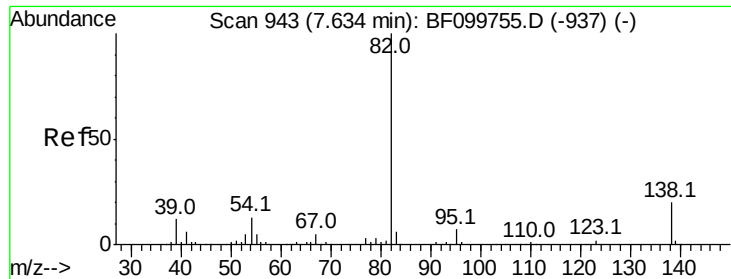


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 7.641 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF099863.D

Acq: 26 Oct 2017 16:02

Instrument :

BNA_F

ClientSampleId :

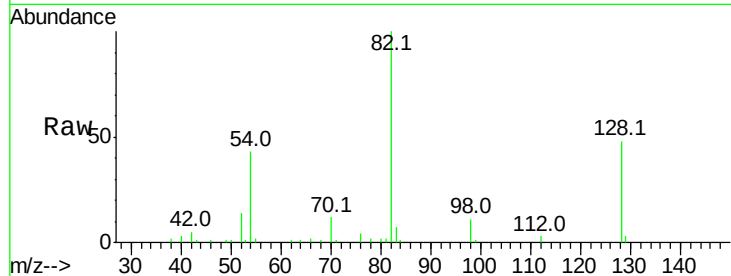
Tot Ion: 82 Resp: 56147

Ion Ratio Lower Upper

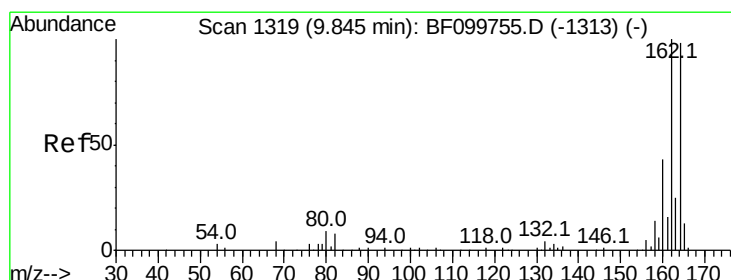
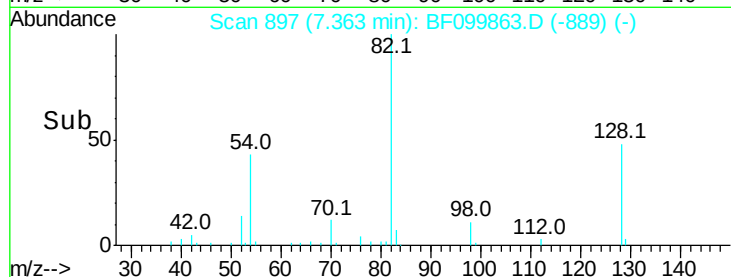
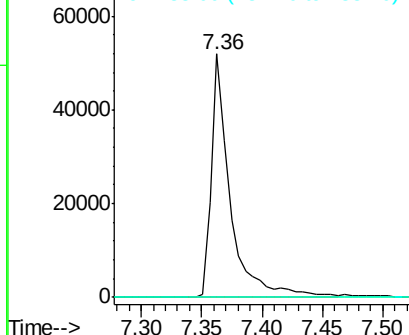
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099863.D

Acq: 26 Oct 2017 16:02

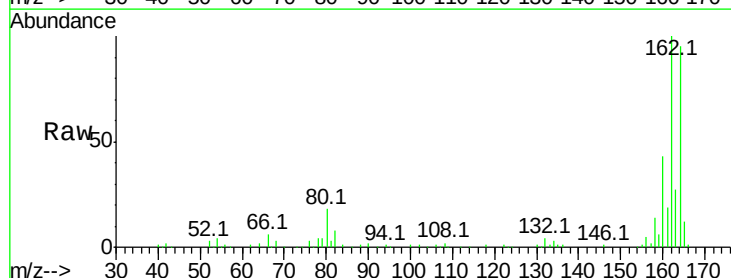
Tgt Ion:164 Resp: 119343

Ion Ratio Lower Upper

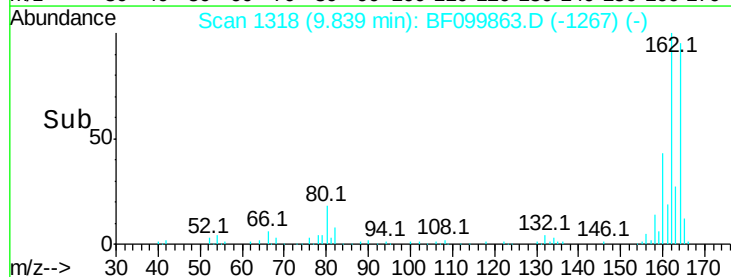
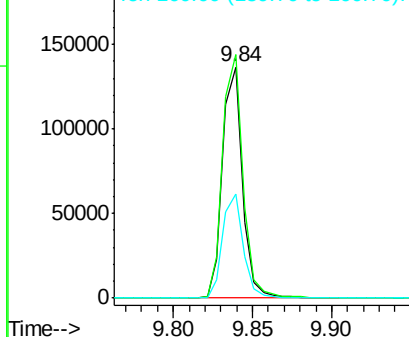
164 100

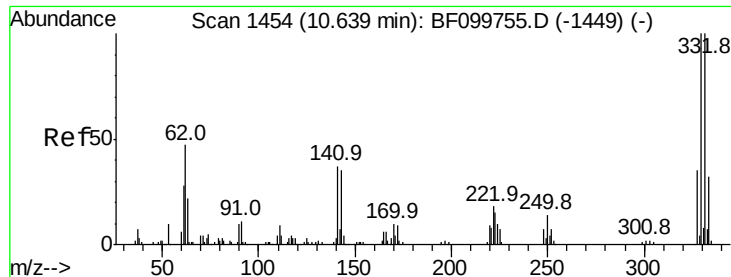
162 105.3 86.1 129.1

160 45.0 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

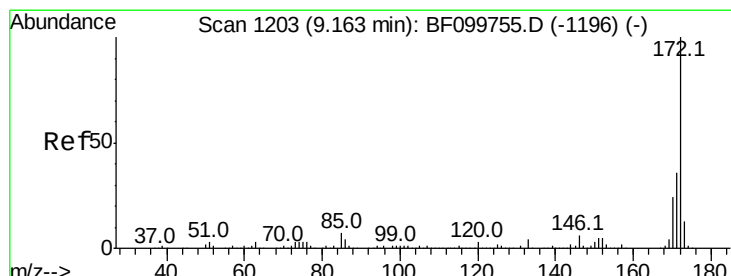
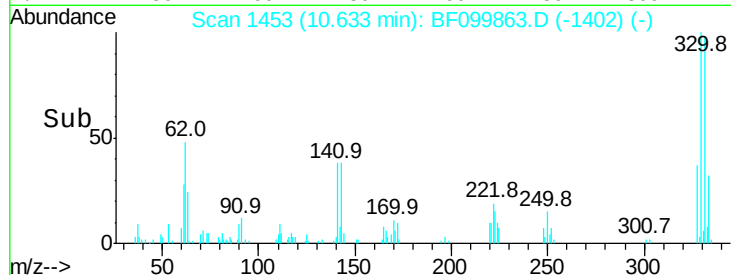
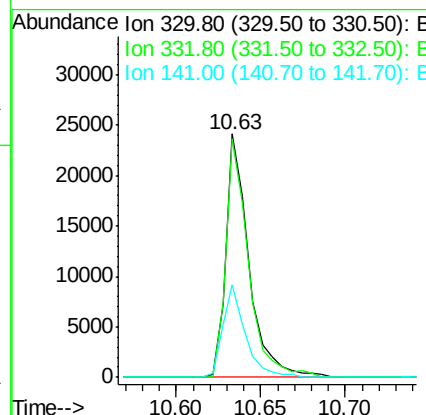
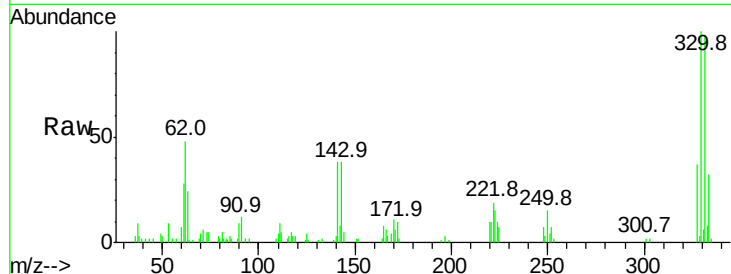




#41
 2,4,6-Tribromophenol
 Concen: 21.272 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

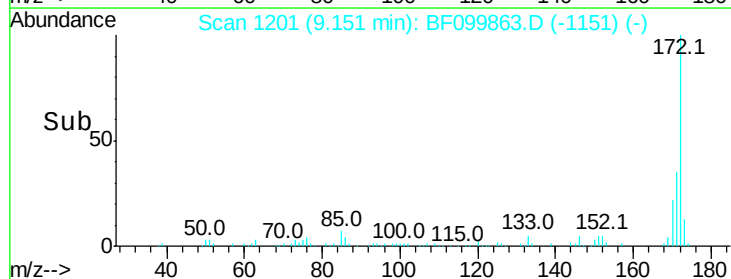
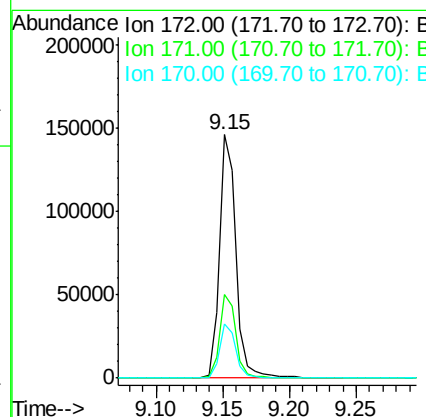
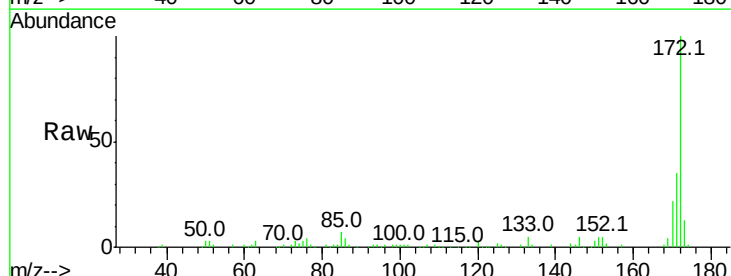
Instrument :
 BNA_F
 ClientSampleId :

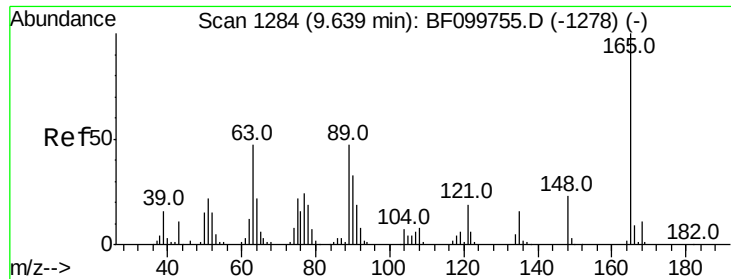
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 16.489 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	22.2	19.6	29.4

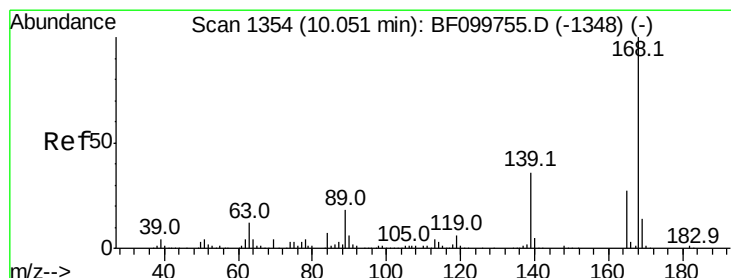
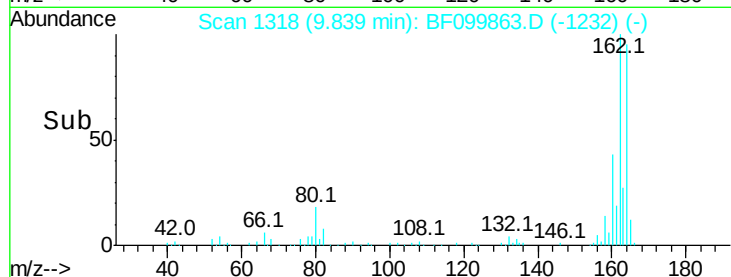
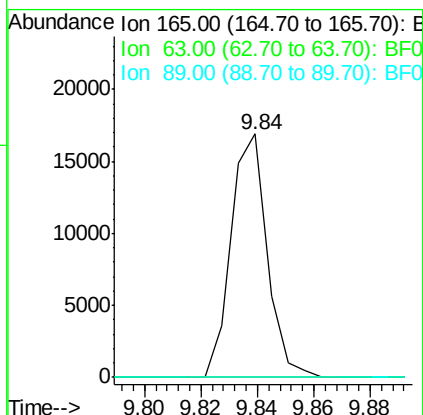
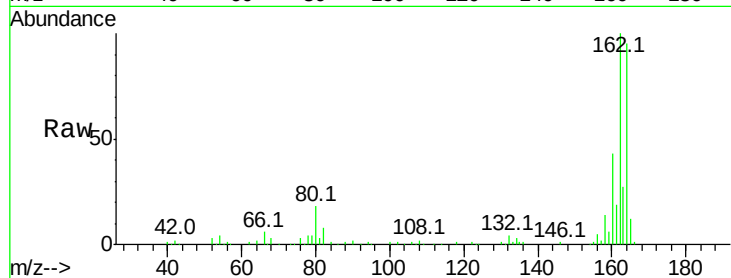




#50
 2,6-Dinitrotoluene
 Concen: 7.548 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

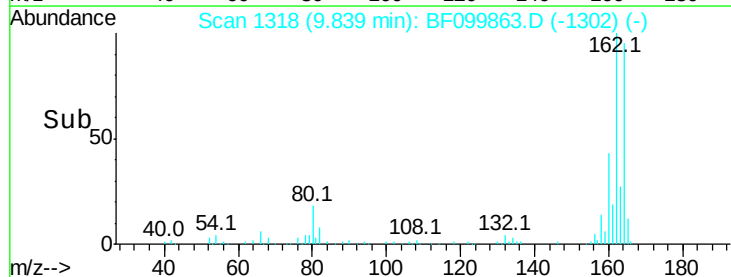
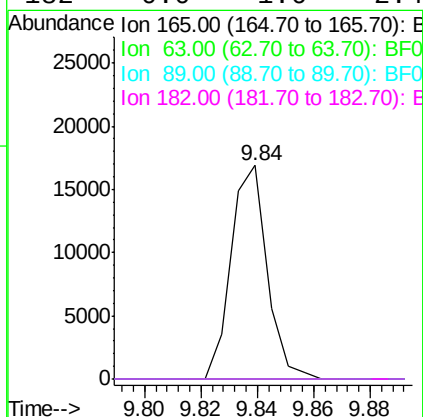
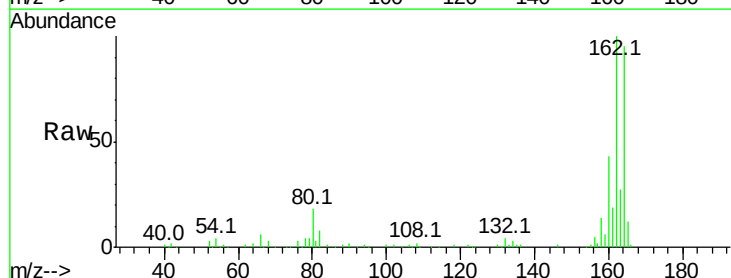
Instrument :
 BNA_F
 ClientSampleId :

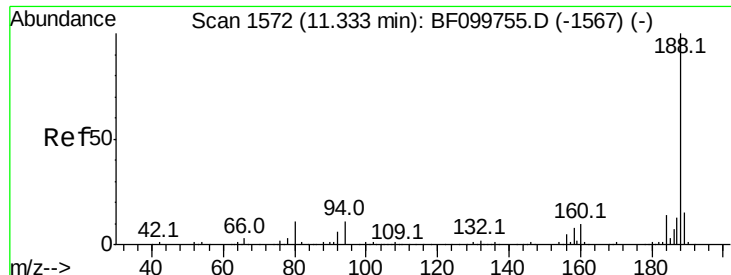
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.268 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Tgt 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#

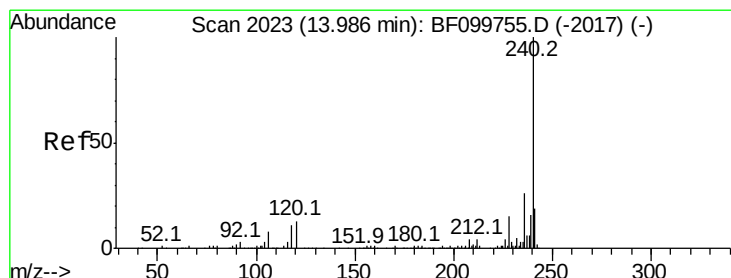
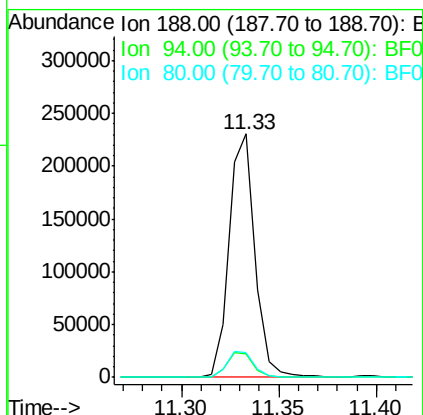
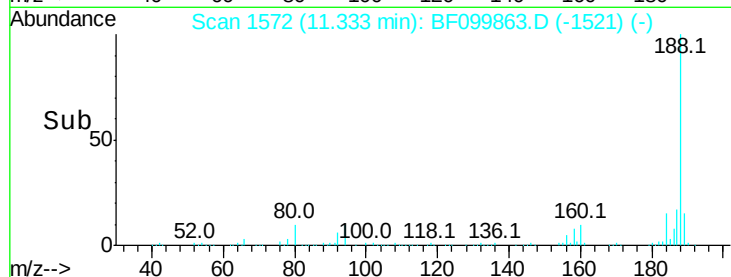
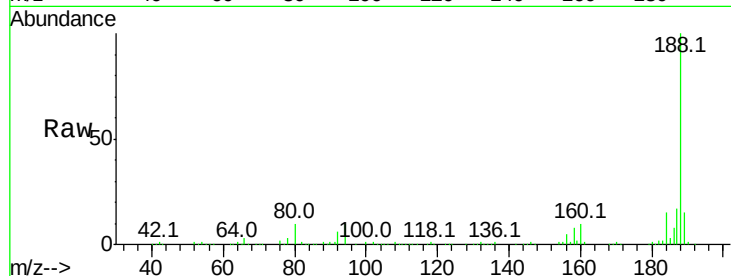




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099863.D
Acq: 26 Oct 2017 16:02

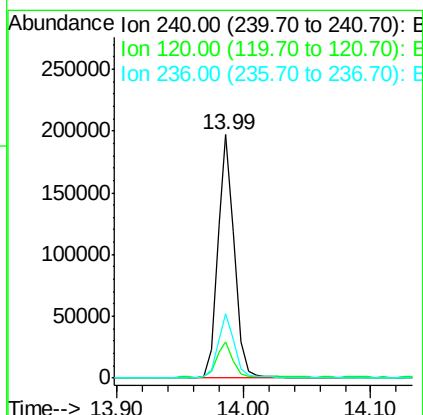
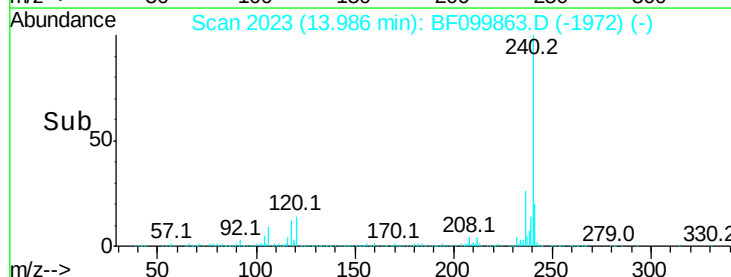
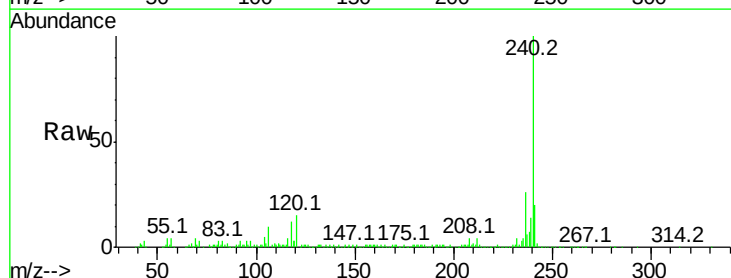
Instrument :
BNA_F
ClientSampleId :

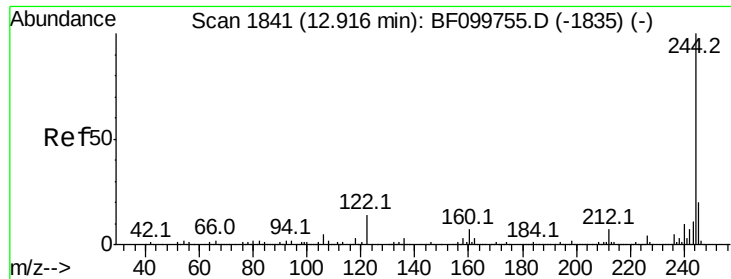
Tot Ion:188 Resp: 210520
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099863.D
Acq: 26 Oct 2017 16:02

Tgt Ion:240 Resp: 179975
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 26.4 20.7 31.1

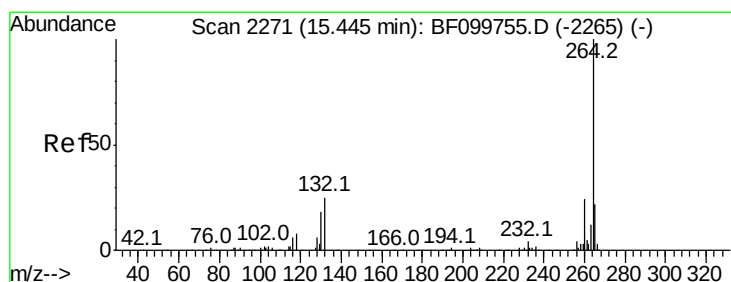
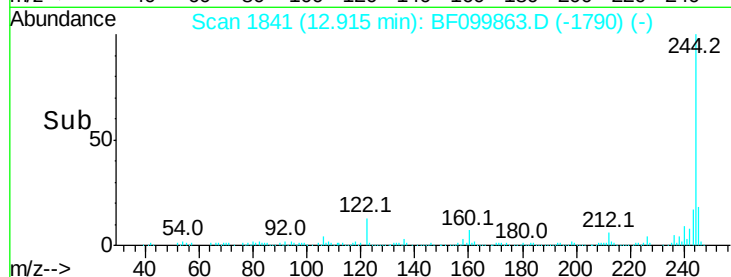
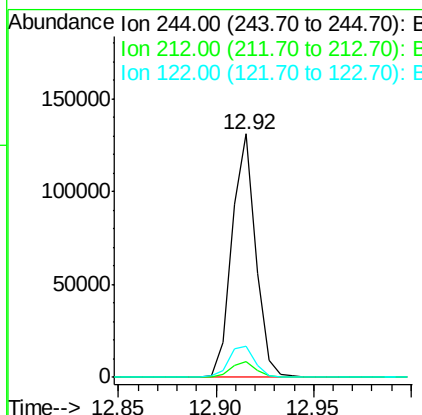
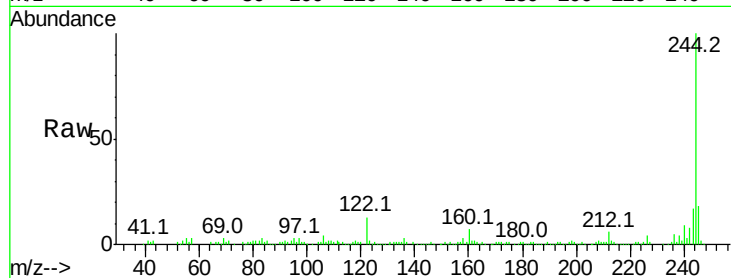




#78
 Terphenyl-d14
 Concen: 13.347 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 109916
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Tgt Ion:264 Resp: 173567
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.8 17.5 26.3

