

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099843.D
 Acq On : 26 Oct 2017 6:08
 Operator : SJ/JU
 Sample : I6057-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 08:52:12 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

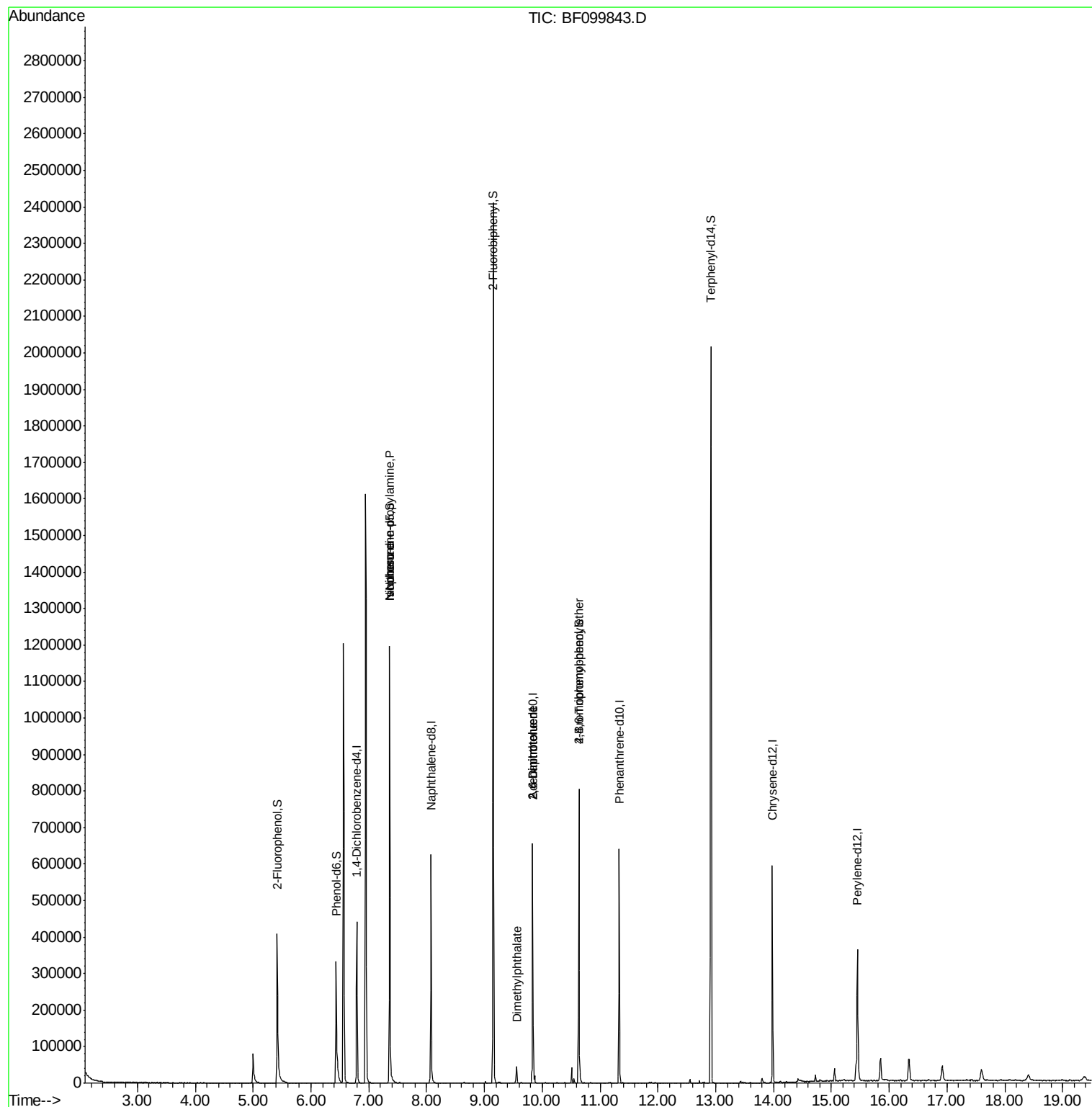
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	71275	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	295275	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	131370	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	235959	20.00	ng	0.00
75) Chrysene-d12	13.98	240	194685	20.00	ng	0.00
86) Perylene-d12	15.45	264	171030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	198256	43.67	ng	0.00
7) Phenol-d6	6.43	99	167635	31.14	ng	0.00
23) Nitrobenzene-d5	7.36	82	390294	85.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	99490	83.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	779897	91.59	ng	0.00
78) Terphenyl-d14	12.92	244	732422	82.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	47279	14.987	ng	# 72
25) Isophorone	7.36	82	390294	46.897	ng	# 64
49) Dimethylphthalate	9.56	163	24302	2.336	ng	96
50) 2,6-Dinitrotoluene	9.83	165	16727	7.648	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	16727	6.351	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	6238	2.511	ng	# 1

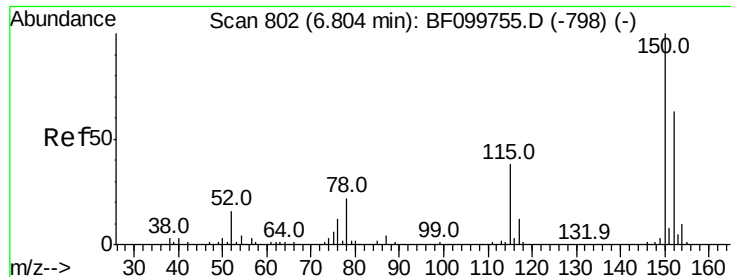
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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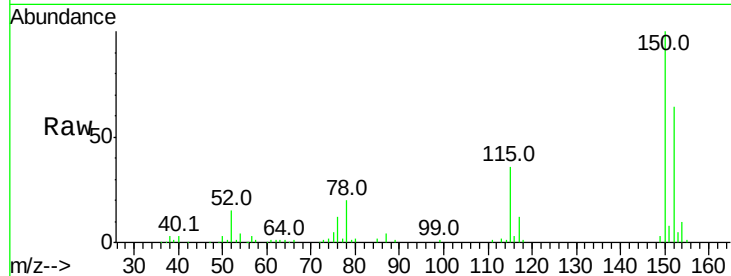


#1

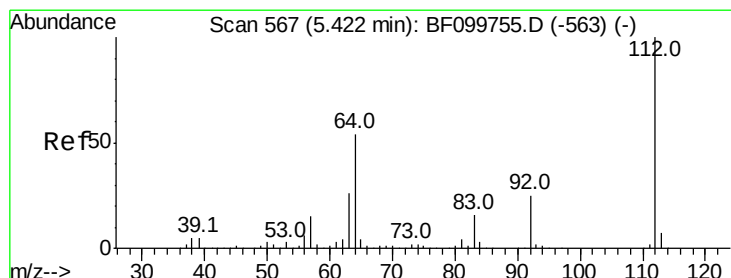
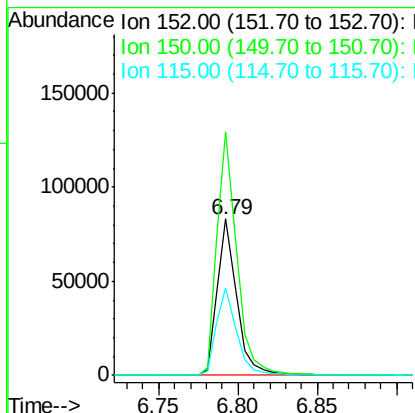
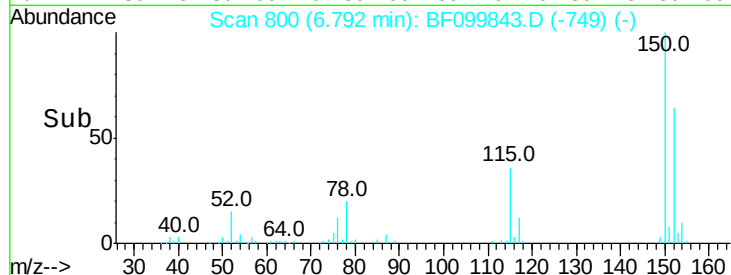
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71275
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 56.3 50.1 75.1



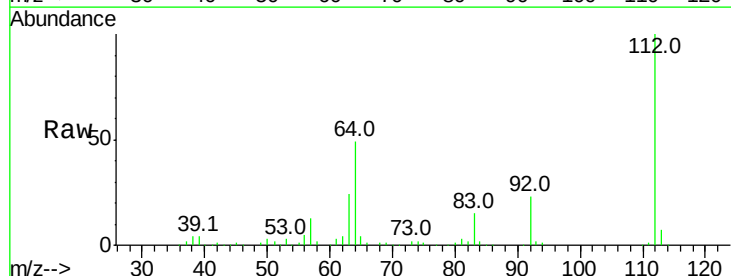
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



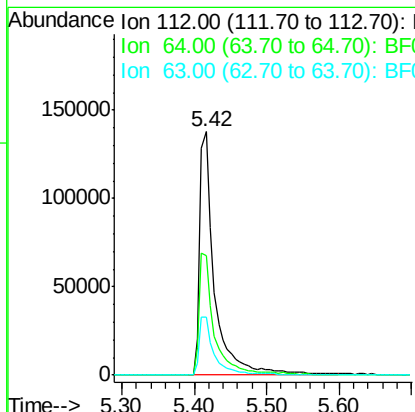
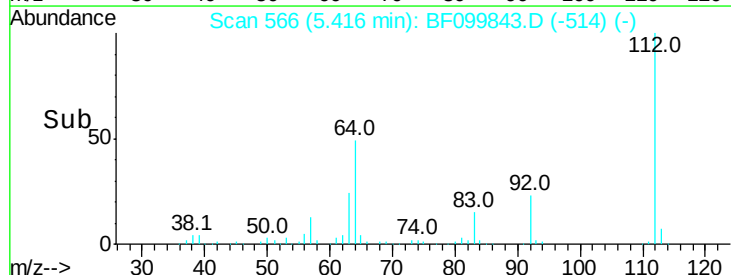
#5

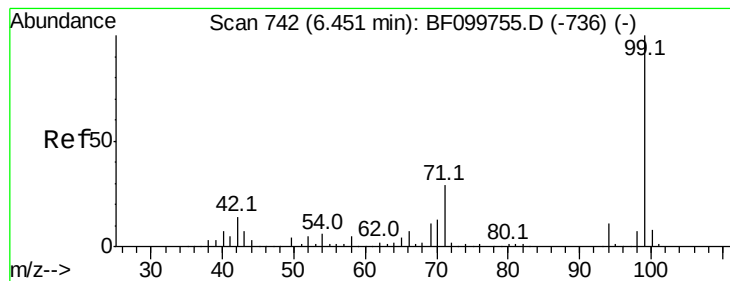
2-Fluorophenol
Concen: 43.670 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Tgt Ion:112 Resp: 198256
Ion Ratio Lower Upper
112 100
64 49.0 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: 31.141 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

Instrument :

BNA_F

ClientSampleId :

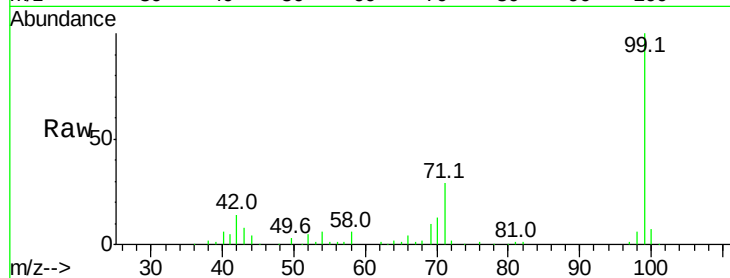
Tot Ion: 99 Resp: 167635

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

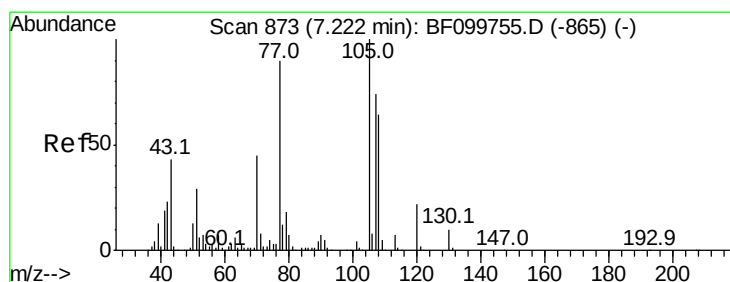
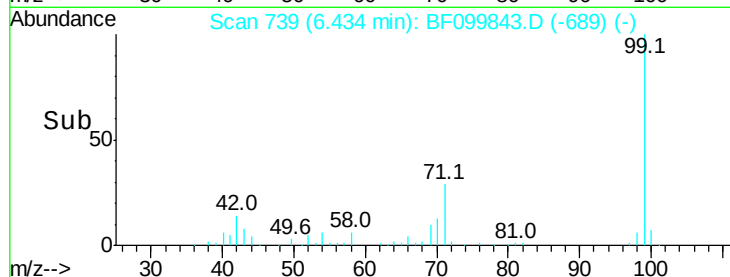
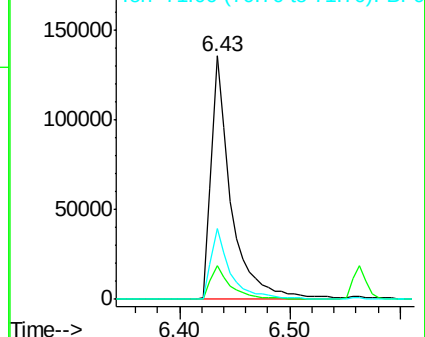
71 29.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.987 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

Tgt Ion: 70 Resp: 47279

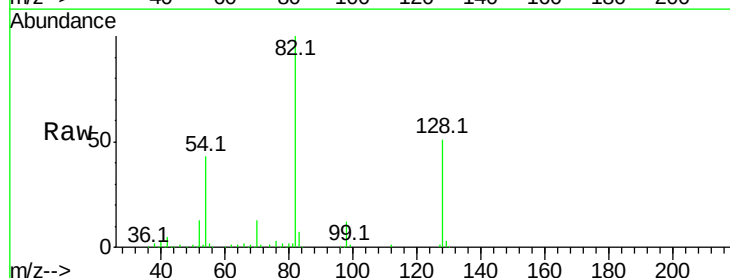
Ion Ratio Lower Upper

70 100

42 40.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

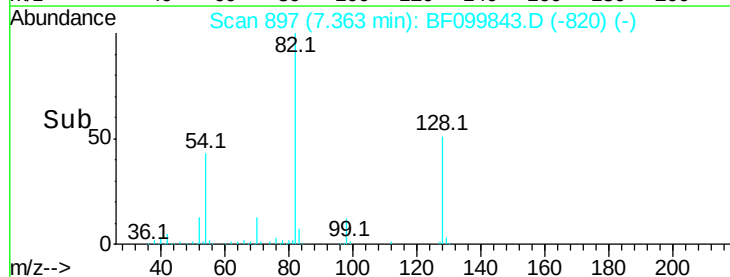
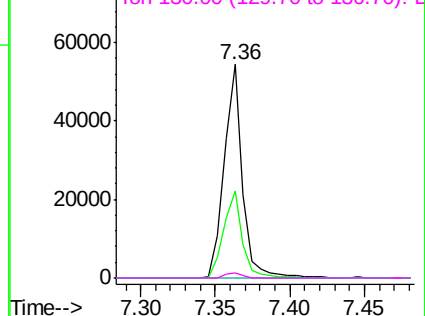


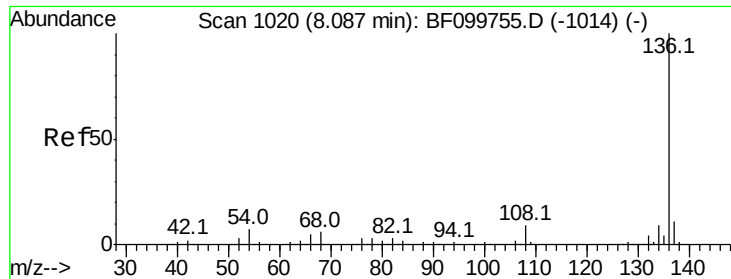
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

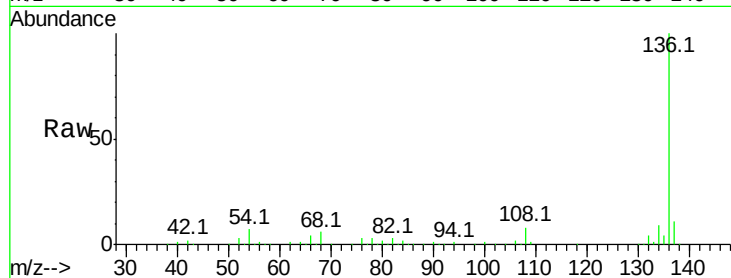




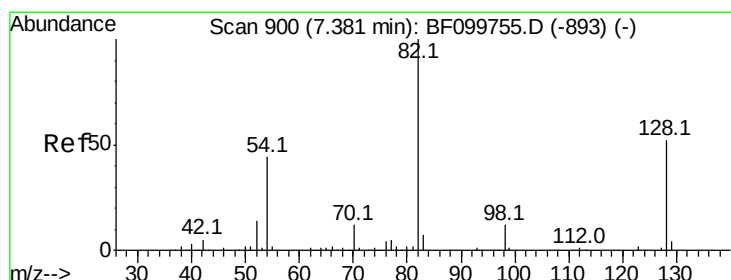
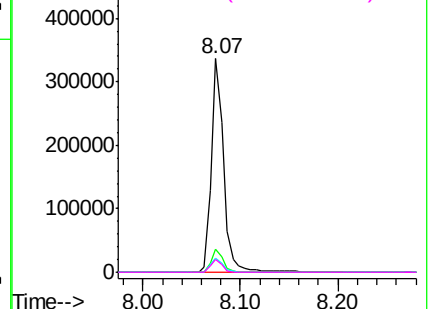
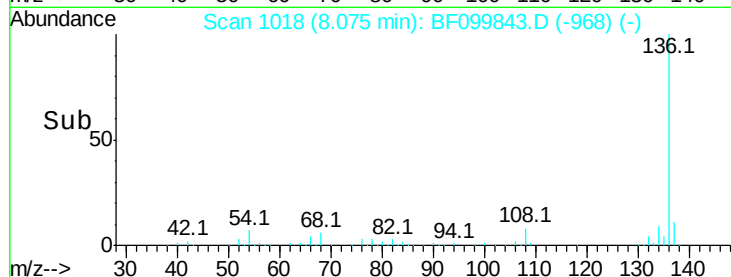
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	295275
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.7	5.0	7.4

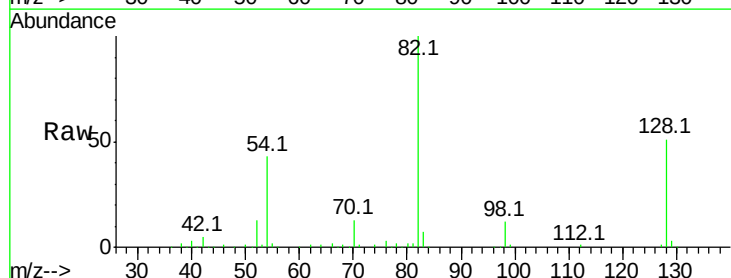


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

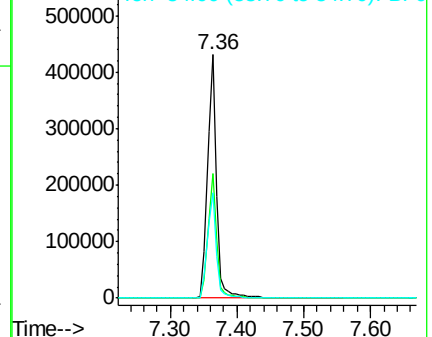
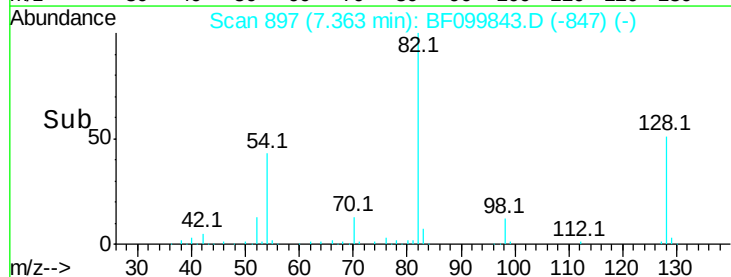


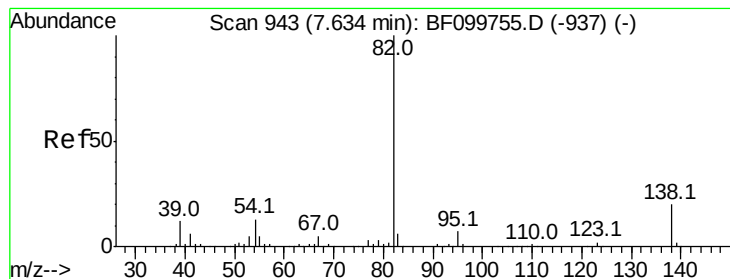
#23
Nitrobenzene-d5
Concen: 85.098 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Tgt Ion:	82	Resp:	390294
Ion	Ratio	Lower	Upper
82	100		
128	51.0	36.1	54.1
54	43.4	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: 46.897 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

Instrument :

BNA_F

ClientSampled :

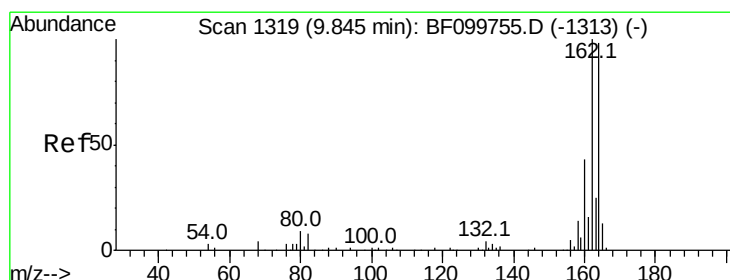
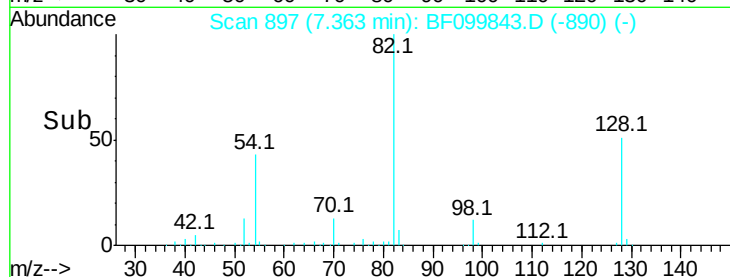
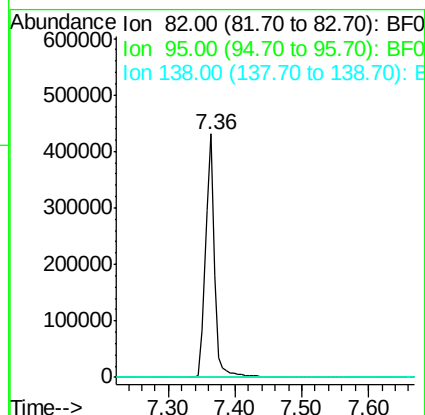
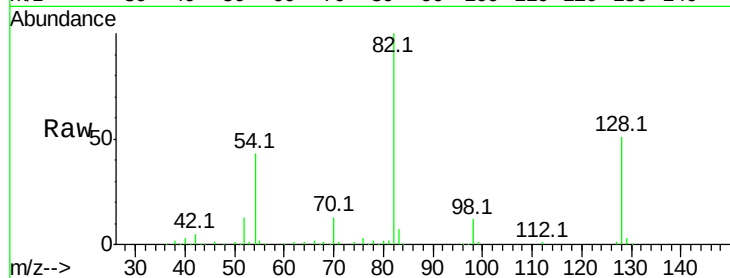
Tot Ion: 82 Resp: 390294

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: BF099843.D

Acq: 26 Oct 2017 6:08

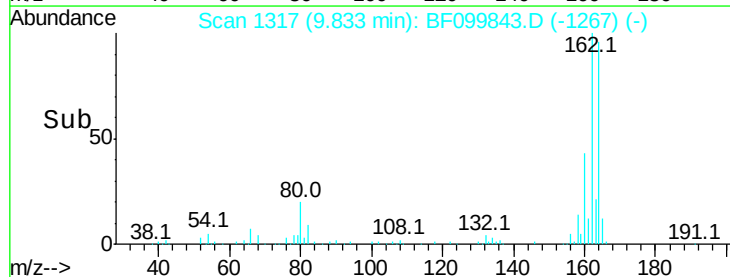
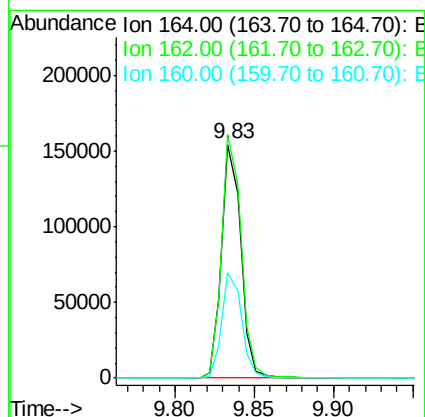
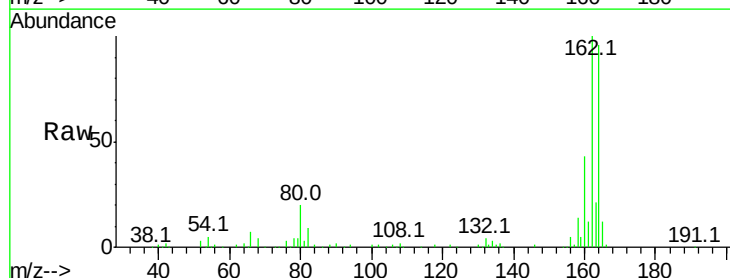
Tgt Ion:164 Resp: 131370

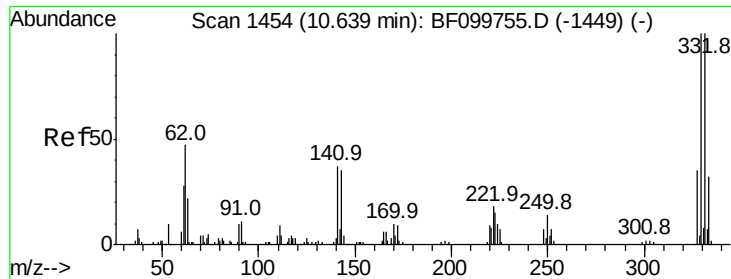
Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

160 44.9 38.3 57.5

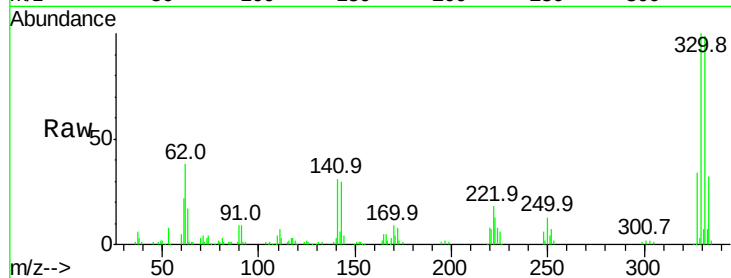




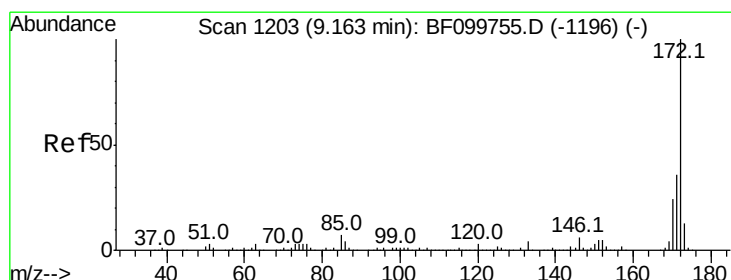
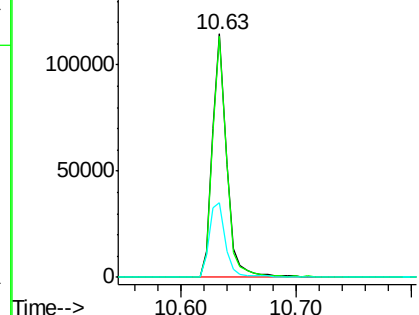
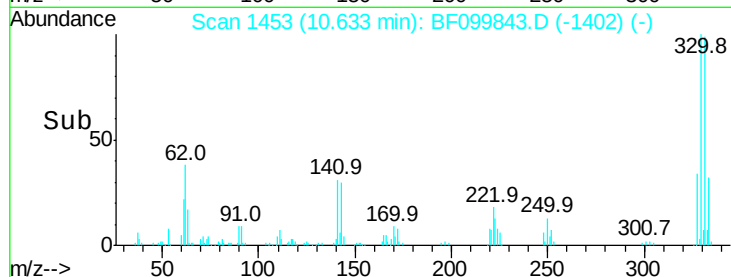
#41
 2,4,6-Tribromophenol
 Concen: 83.102 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	35.6	29.9	44.9

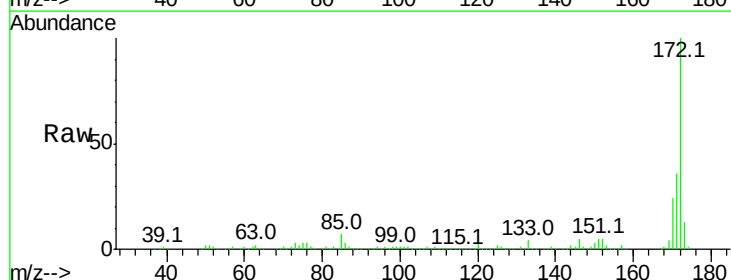


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

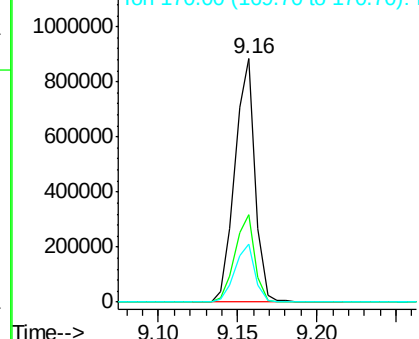
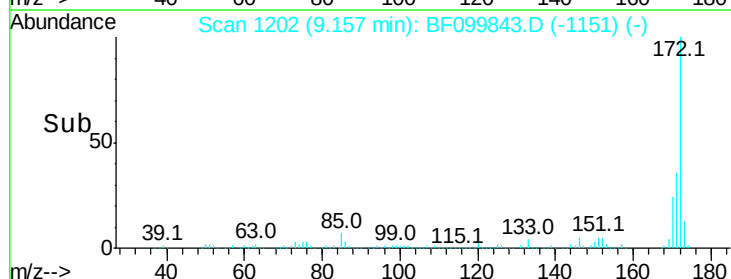


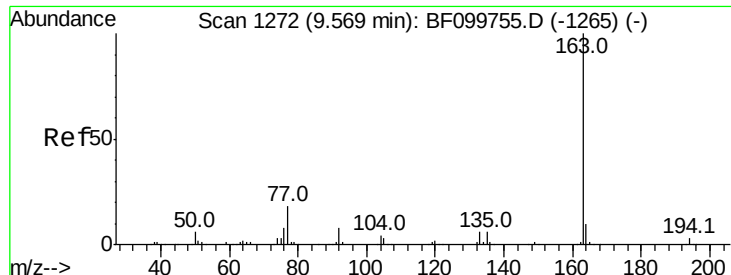
#44
 2-Fluorobiphenyl
 Concen: 91.593 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	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

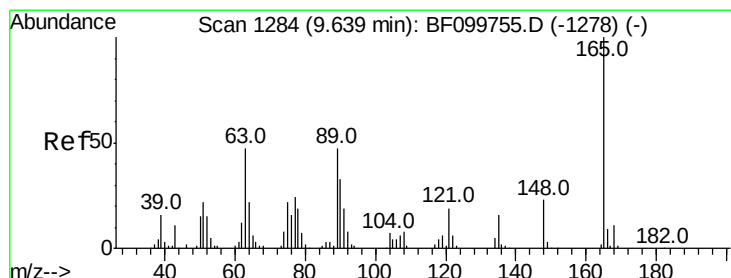
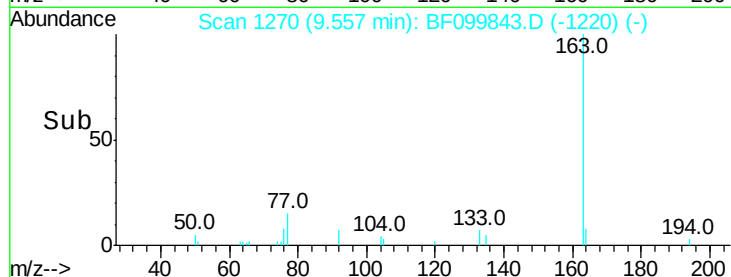
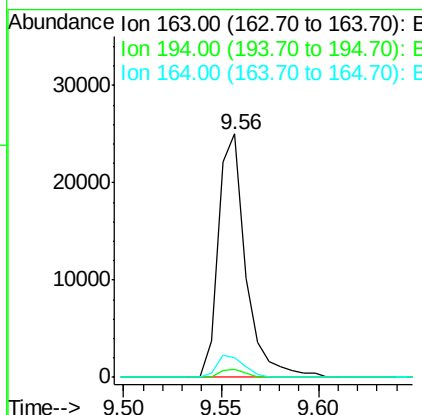
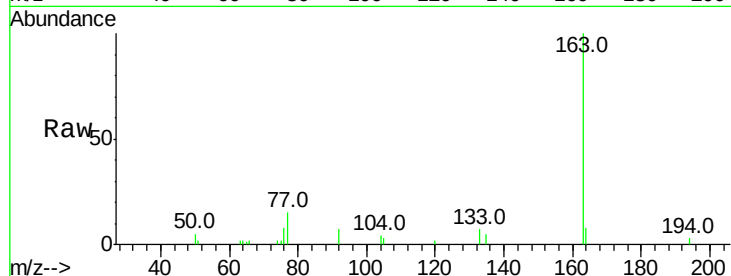




#49
Dimethylphthalate
Concen: 2.336 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

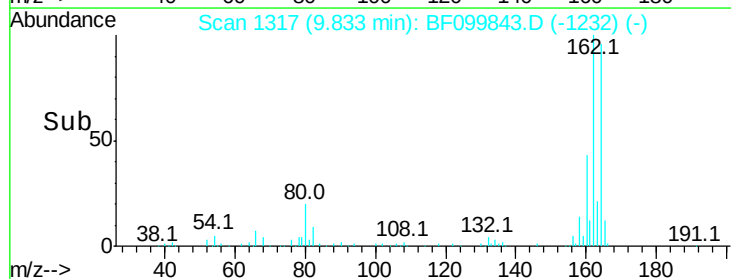
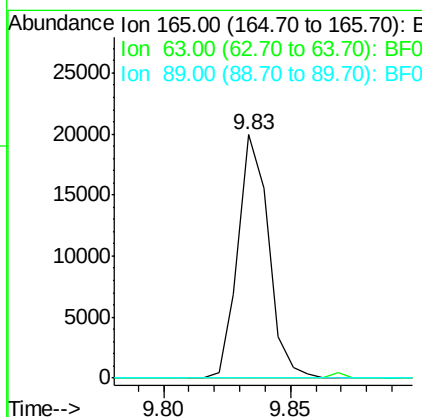
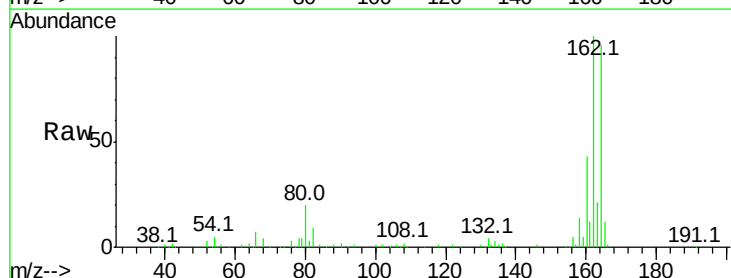
Instrument :
BNA_F
ClientSampleId :

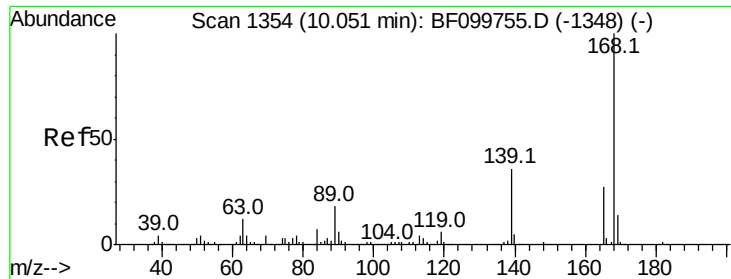
Tot Ion:163 Resp: 24302
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 8.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.648 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Tgt Ion:165 Resp: 16727
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

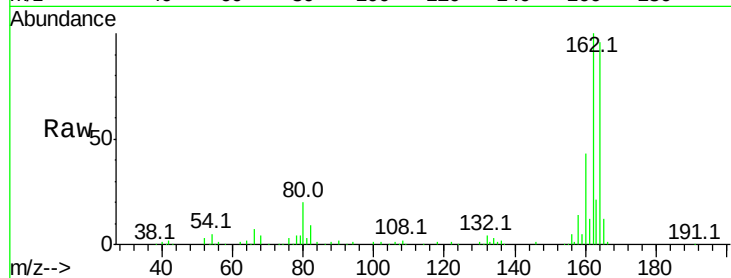




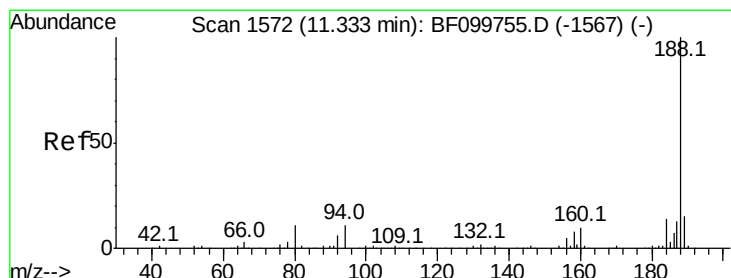
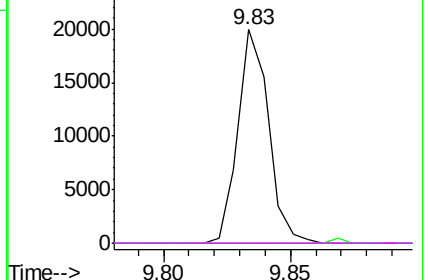
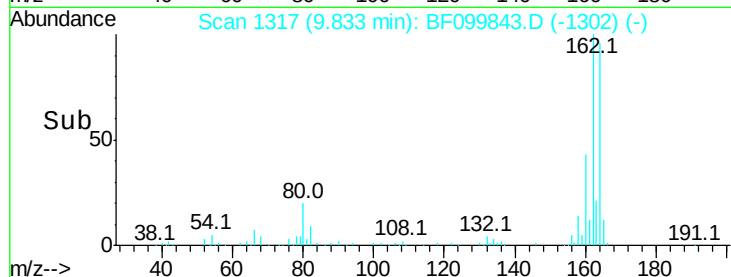
#56
 2,4-Dinitrotoluene
 Concen: 6.351 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16727
 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#

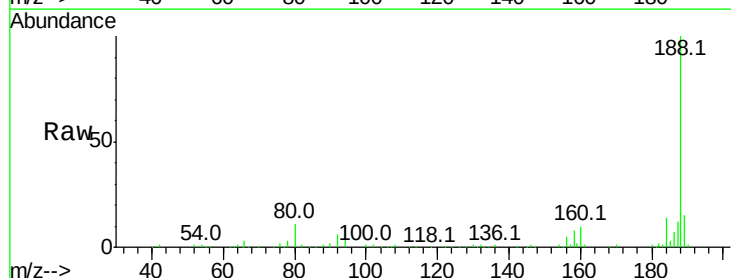


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

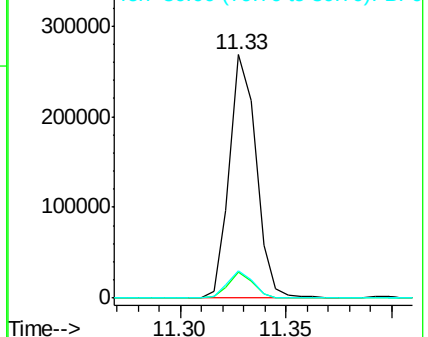
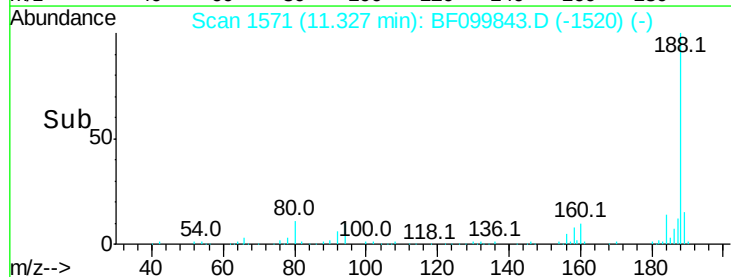


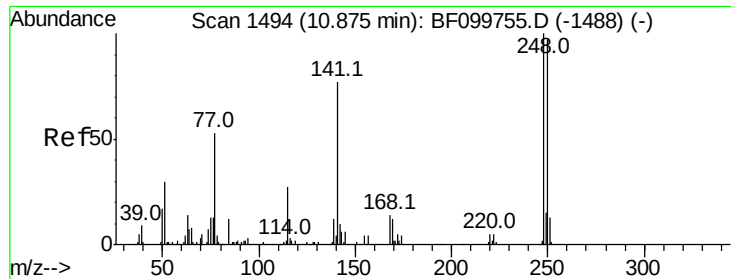
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Tgt Ion:188 Resp: 235959
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.1 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

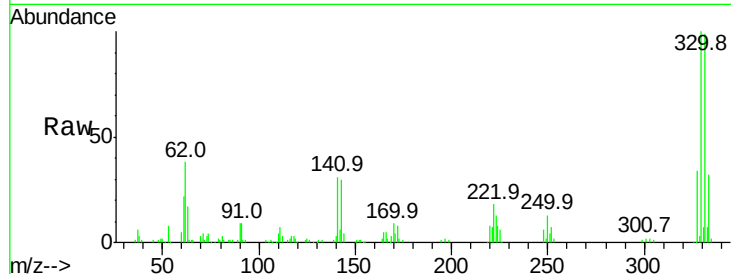




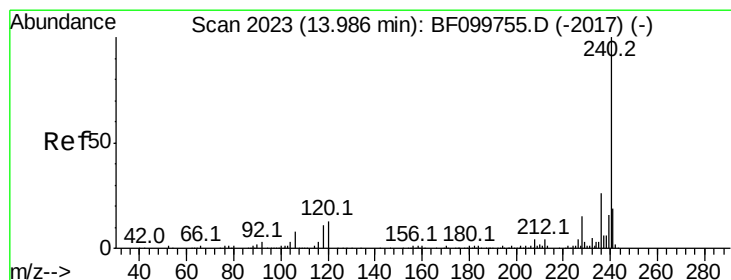
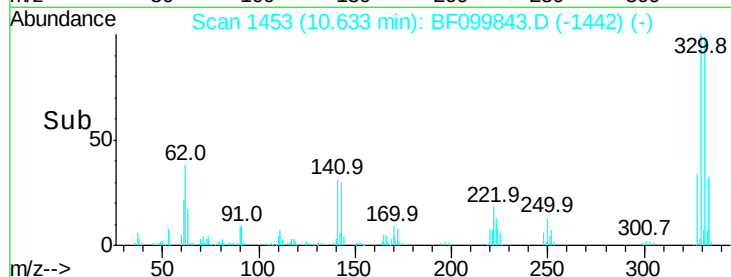
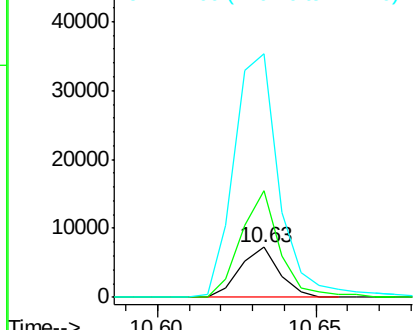
#66
4-Bromophenyl-phenylether
Concen: 2.511 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6238
Ion Ratio Lower Upper
248 100
250 212.5 76.9 115.3#
141 486.8 74.4 111.6#

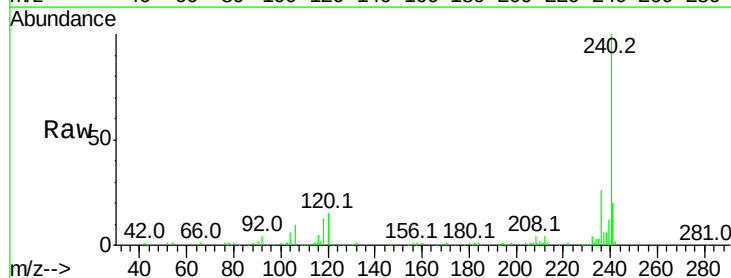


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

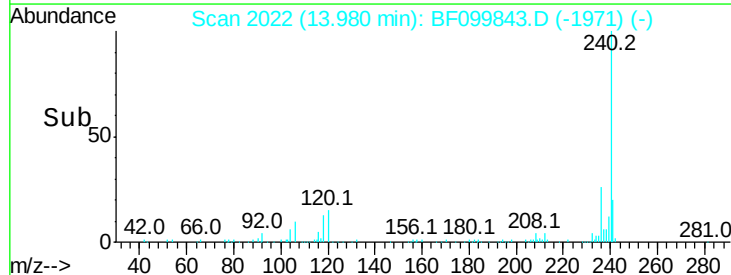
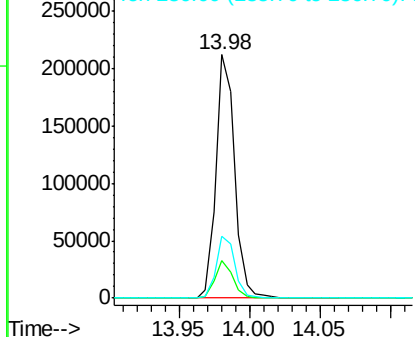


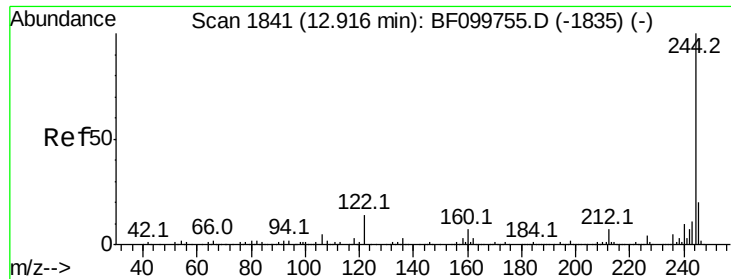
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Tgt Ion:240 Resp: 194685
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.5 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

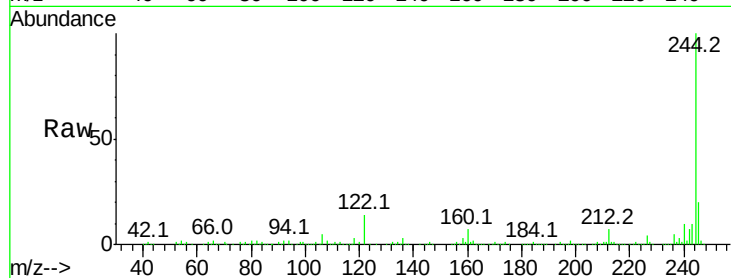




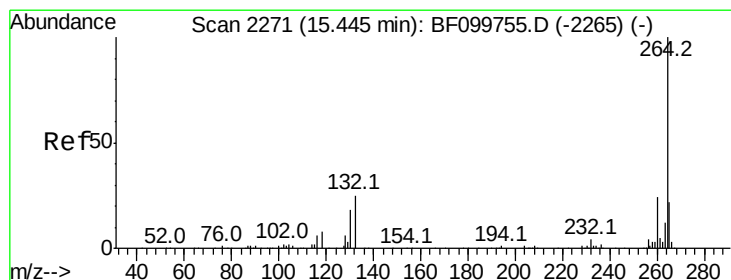
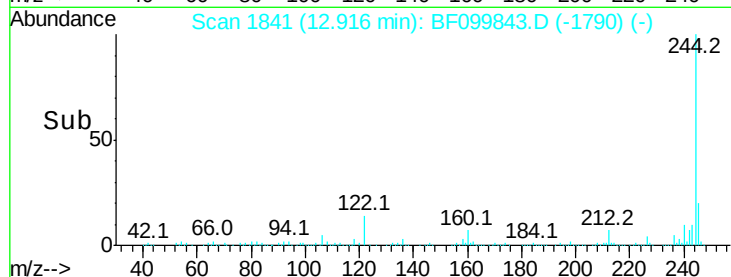
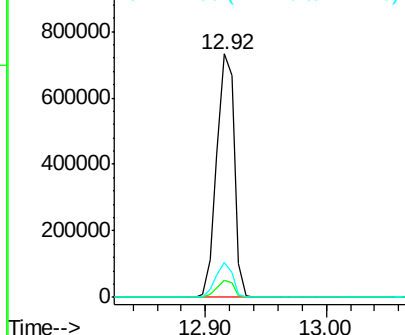
#78
 Terphenyl-d14
 Concen: 82.216 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 732422
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.1 11.0 16.4

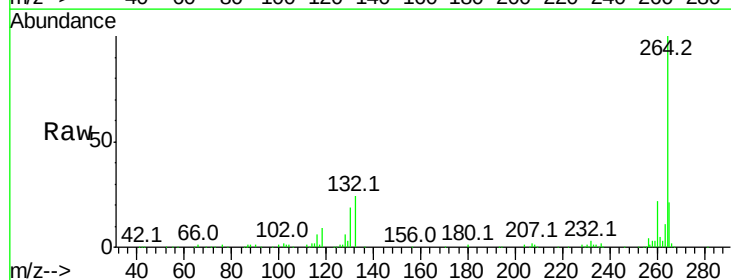


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Tgt Ion:264 Resp: 171030
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 21.5 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

