

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099850.D
 Acq On : 26 Oct 2017 9:21
 Operator : SJ/JU
 Sample : I6057-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 11:17:35 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

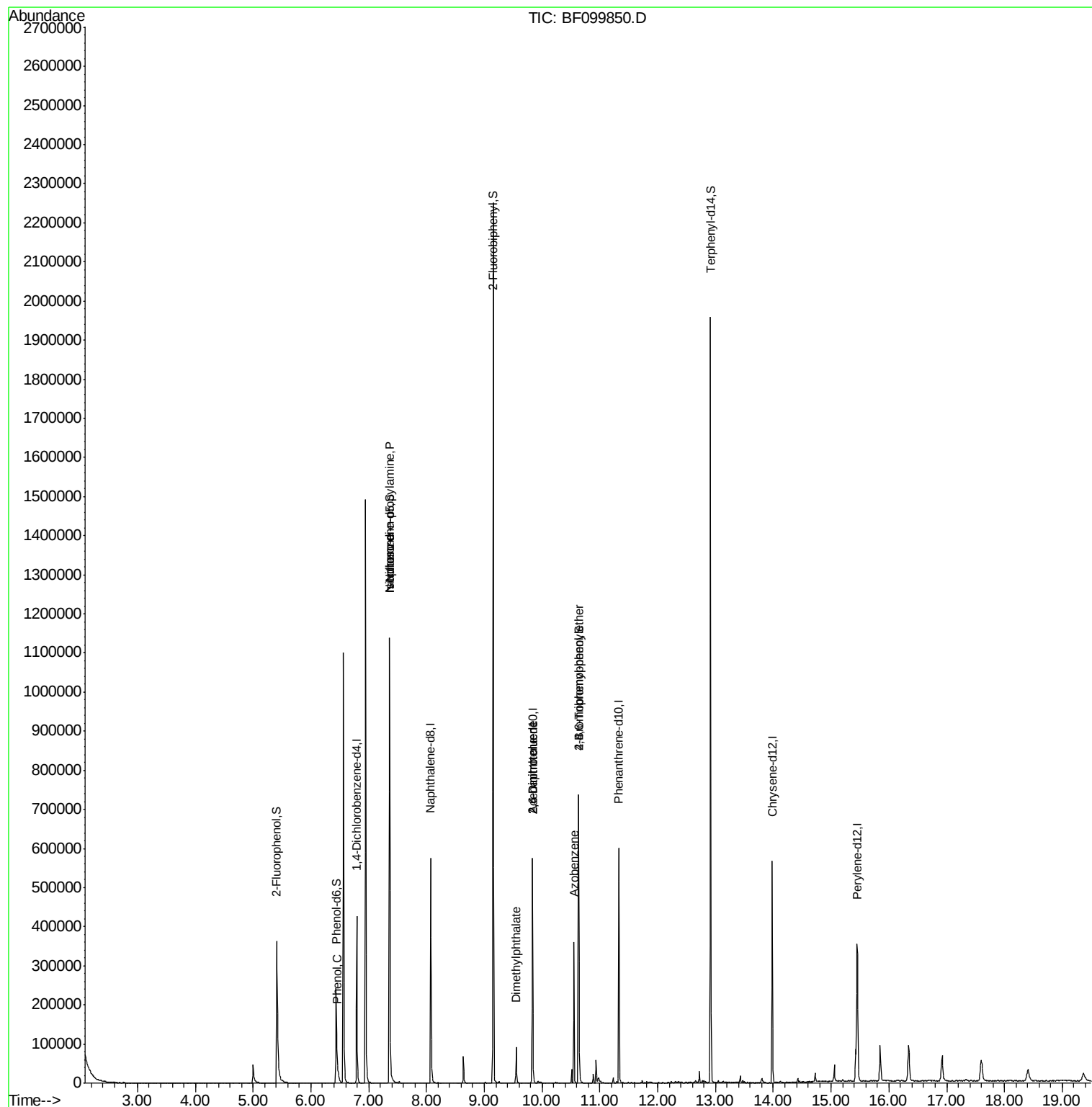
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	68284	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	275680	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	125770	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	224180	20.00	ng	0.00
75) Chrysene-d12	13.98	240	192004	20.00	ng	0.00
86) Perylene-d12	15.45	264	166507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	170201	39.13	ng	0.00
7) Phenol-d6	6.43	99	126382	24.51	ng	0.00
23) Nitrobenzene-d5	7.36	82	363973	85.00	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	94605	82.54	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	737171	90.43	ng	0.00
78) Terphenyl-d14	12.92	244	682642	77.70	ng	0.00
Target Compounds						
10) Phenol	6.46	94	14241	2.515	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	44741	14.804	ng	# 72
25) Isophorone	7.36	82	363973	46.843	ng	# 64
49) Dimethylphthalate	9.55	163	44454	4.463	ng	100
50) 2,6-Dinitrotoluene	9.83	165	16142	7.709	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	16142	6.402	ng	# 21
62) Azobenzene	10.55	77	52495	6.438	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	6108	2.588	ng	# 1

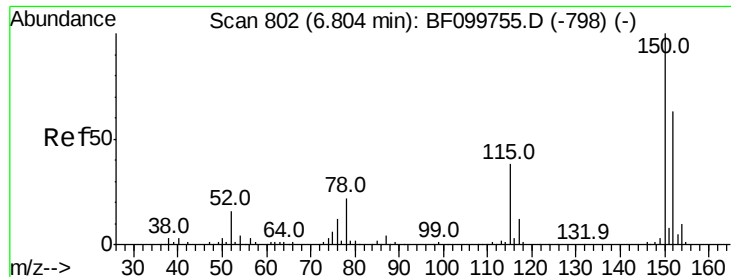
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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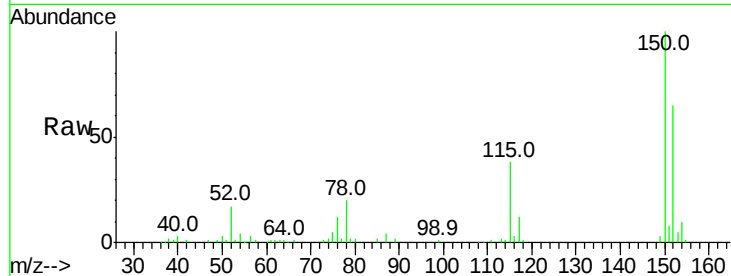


#1

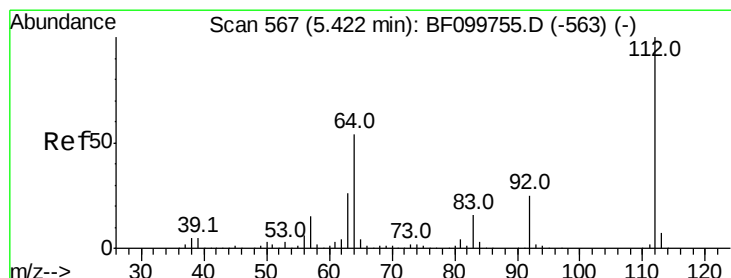
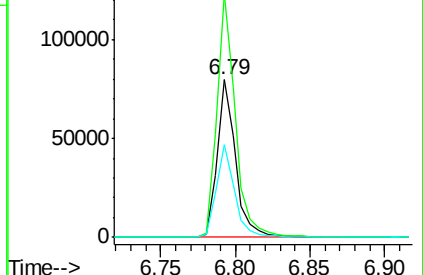
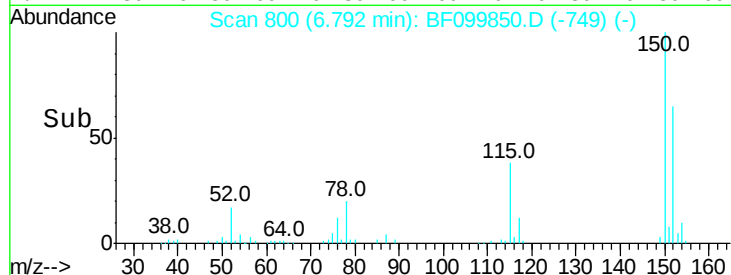
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68284
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 59.2 50.1 75.1



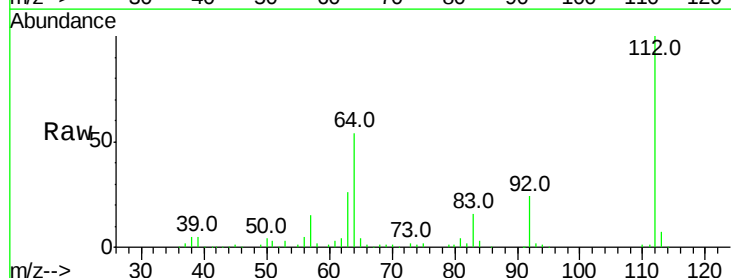
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



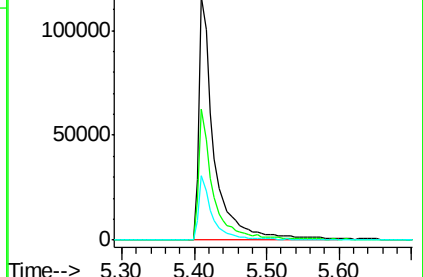
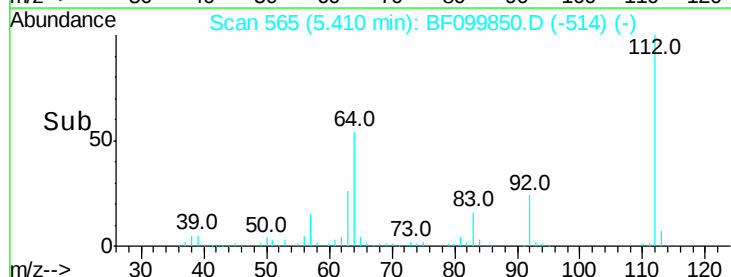
#5

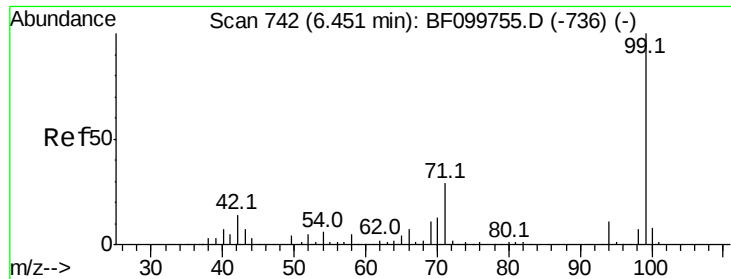
2-Fluorophenol
Concen: 39.132 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion:112 Resp: 170201
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 26.3 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: 24.506 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099850.D

Acq: 26 Oct 2017 9:21

Instrument :

BNA_F

ClientSampleId :

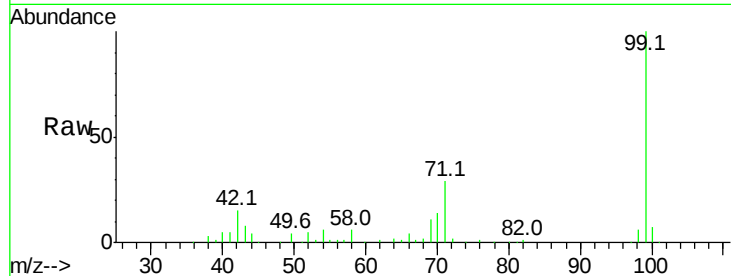
Tot Ion: 99 Resp: 126382

Ion Ratio Lower Upper

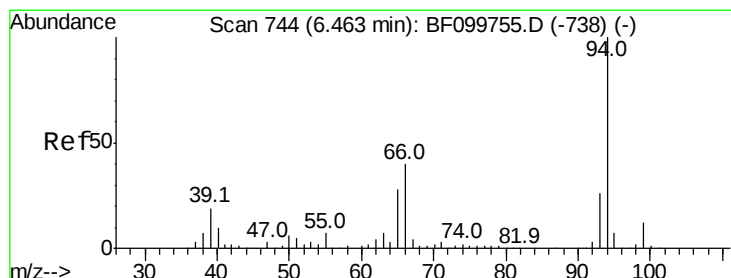
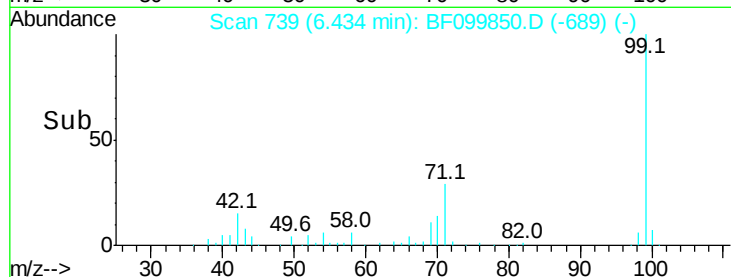
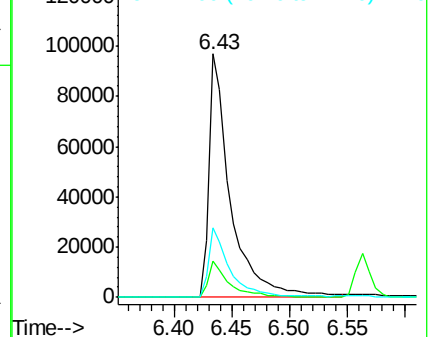
99 100

42 14.7 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



#10

Phenol

Concen: 2.515 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF099850.D

Acq: 26 Oct 2017 9:21

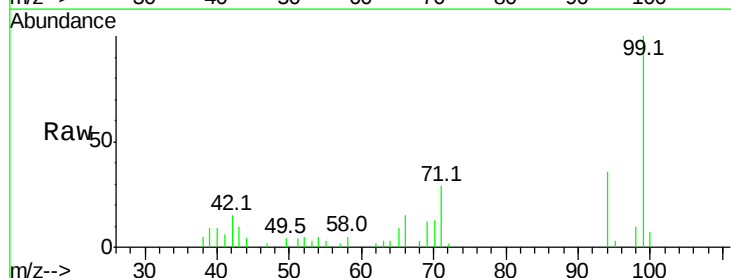
Tgt Ion: 94 Resp: 14241

Ion Ratio Lower Upper

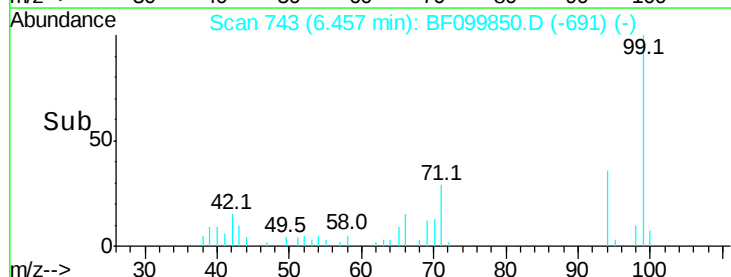
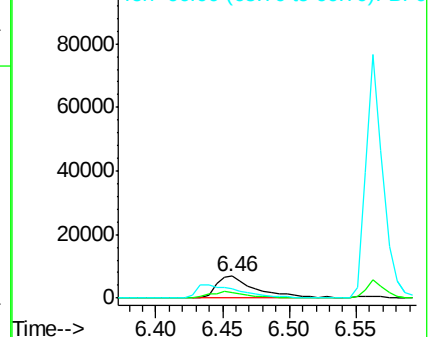
94 100

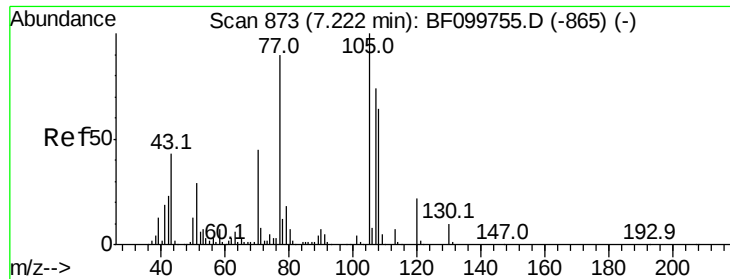
65 24.7 7.9 47.9

66 41.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

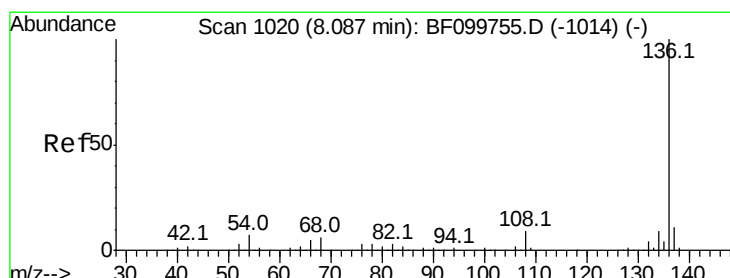
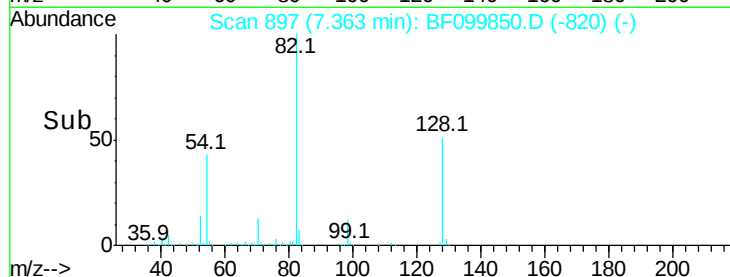
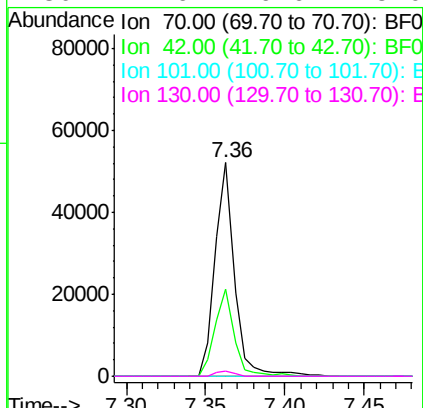
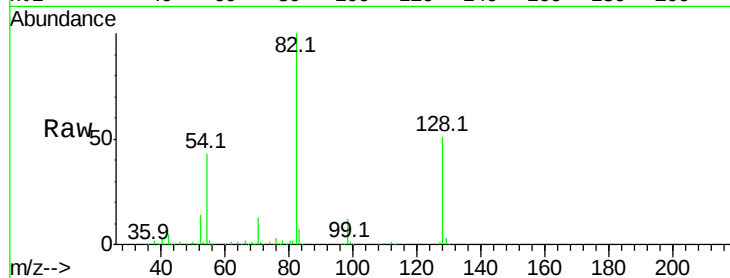




#19
n-Nitroso-di-n-propylamine
Concen: 14.804 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

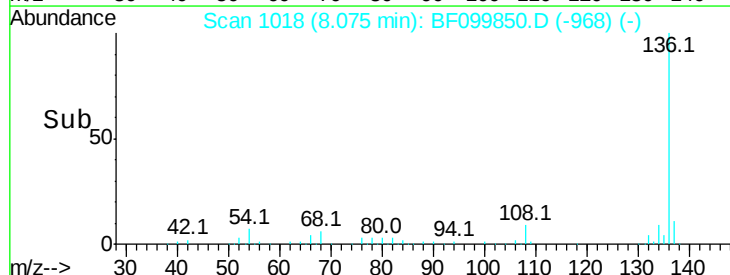
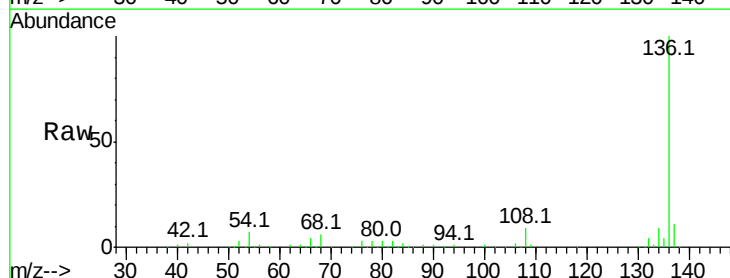
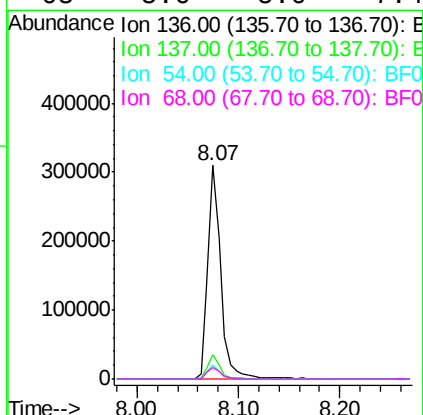
Instrument :
BNA_F
ClientSampleId :

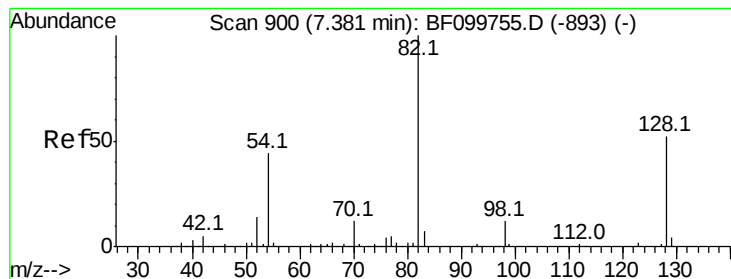
Tot Ion: 70 Resp: 44741
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion:136 Resp: 275680
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.6 6.6 9.8
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.000 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099850.D

Acq: 26 Oct 2017 9:21

Instrument :

BNA_F

ClientSampled :

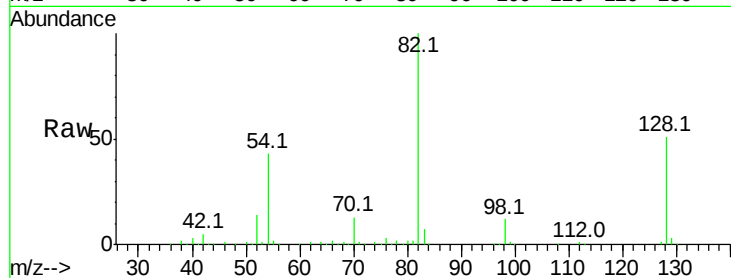
Tot Ion: 82 Resp: 363973

Ion Ratio Lower Upper

82 100

128 50.6 36.1 54.1

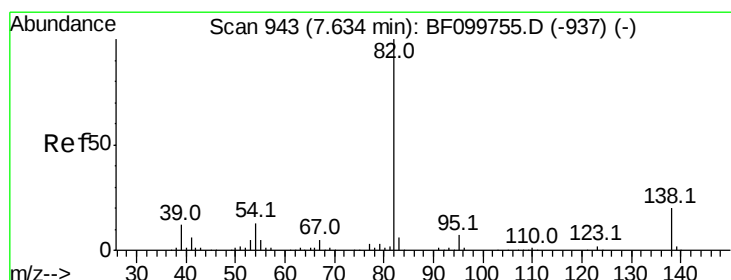
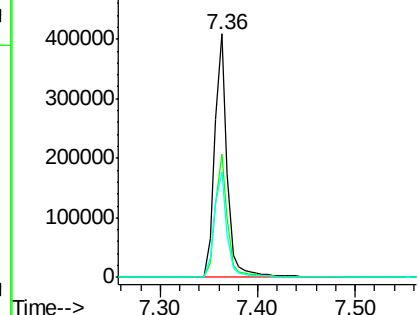
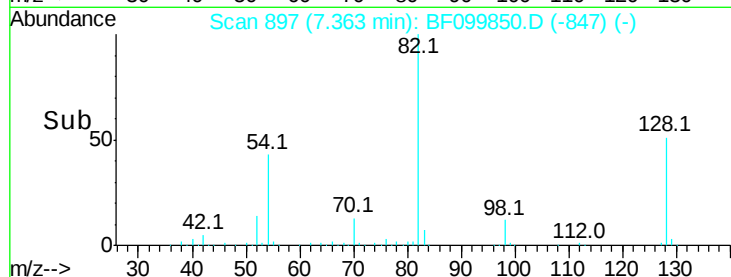
54 43.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 46.843 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099850.D

Acq: 26 Oct 2017 9:21

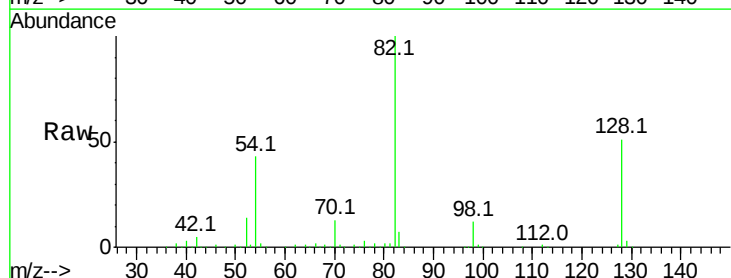
Tgt Ion: 82 Resp: 363973

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

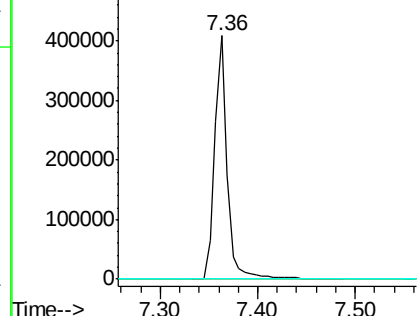
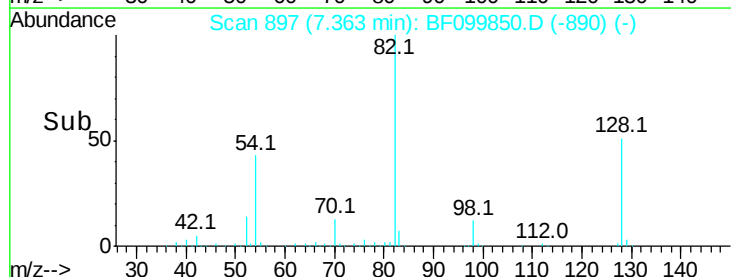
138 0.0 14.9 22.3#

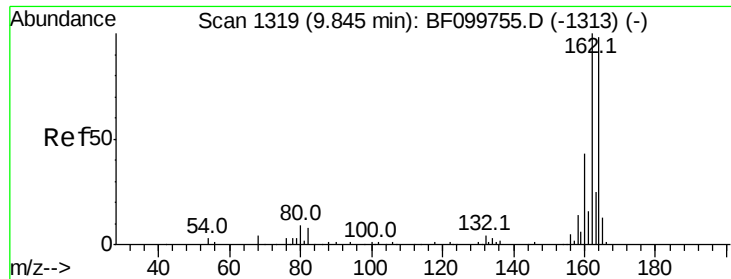


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

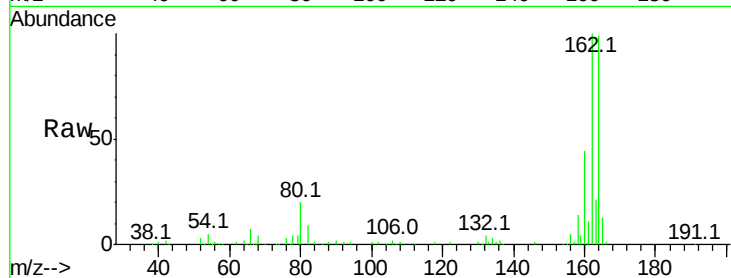




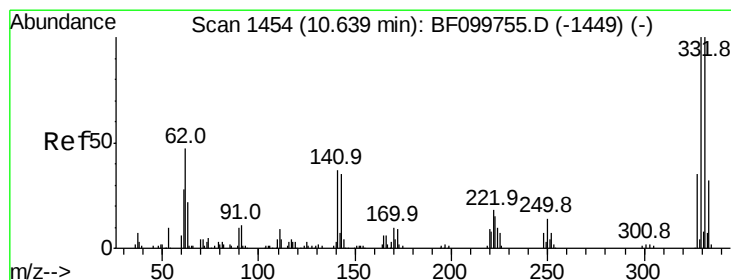
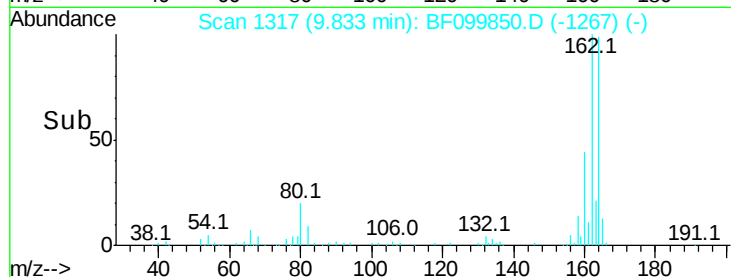
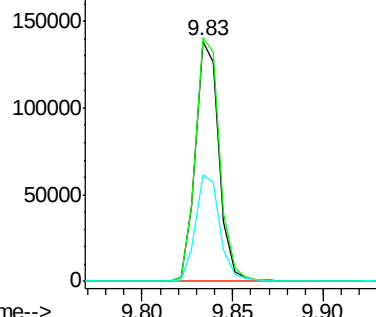
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 125770
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 44.5 38.3 57.5

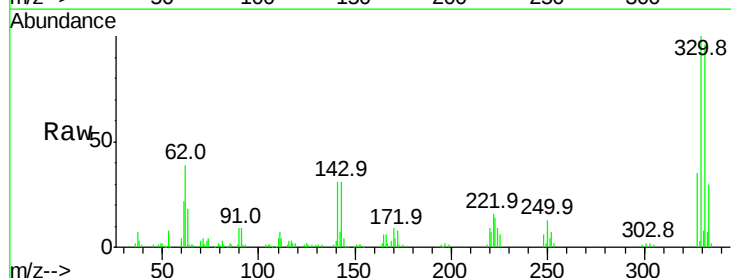


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

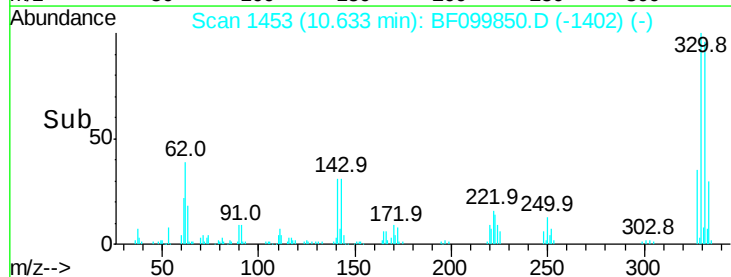
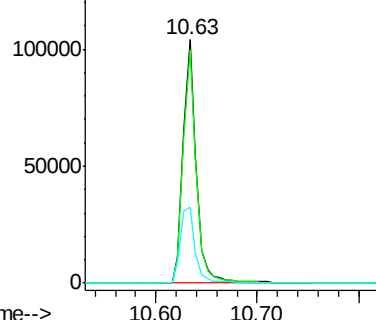


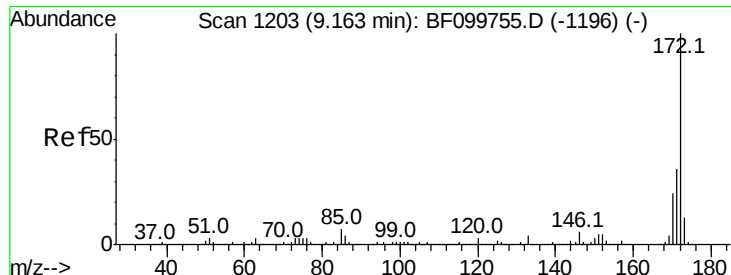
#41
2,4,6-Tribromophenol
Concen: 82.541 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion:330 Resp: 94605
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 35.1 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

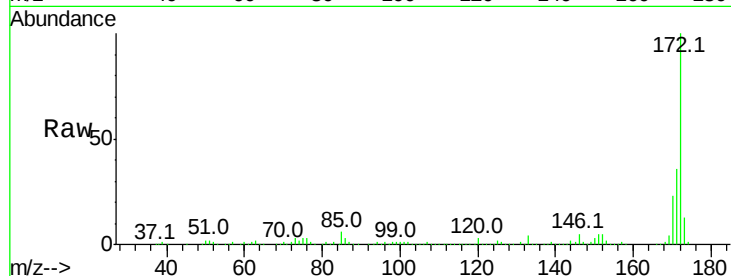




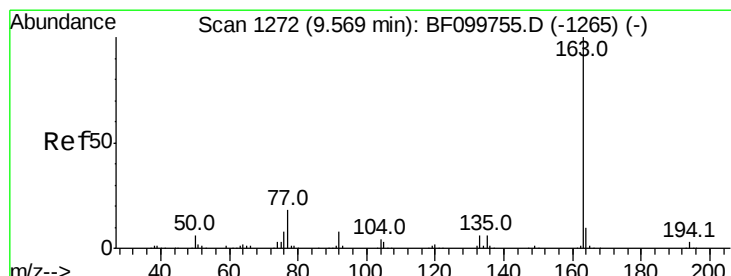
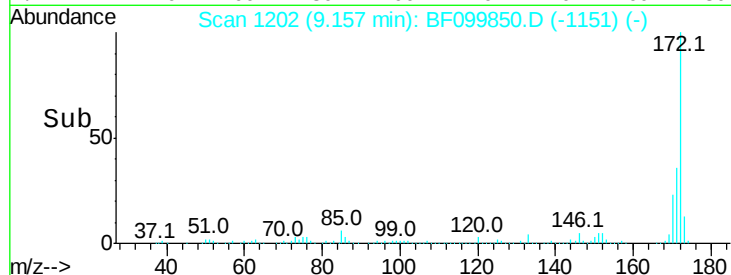
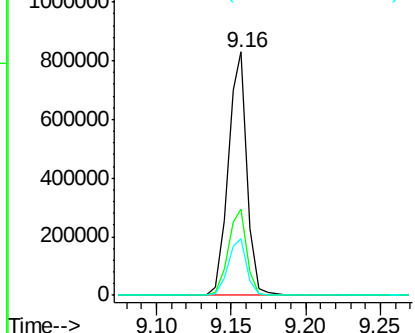
#44
2-Fluorobiphenyl
Concen: 90.430 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 737171
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.5 19.6 29.4

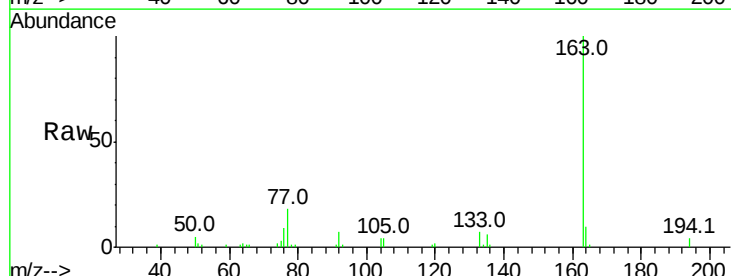


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

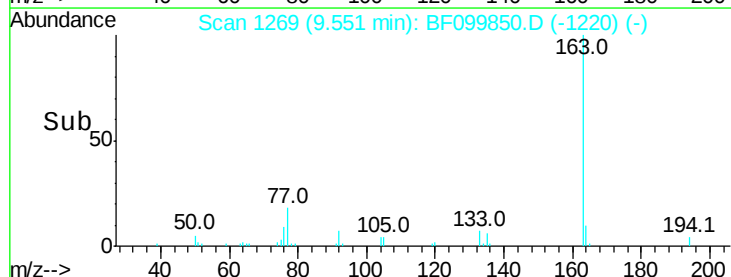
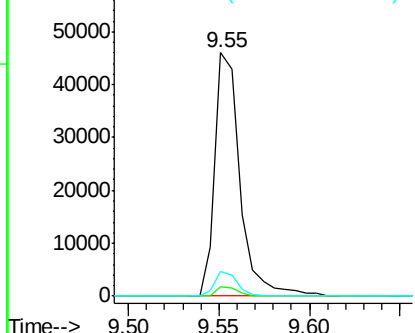


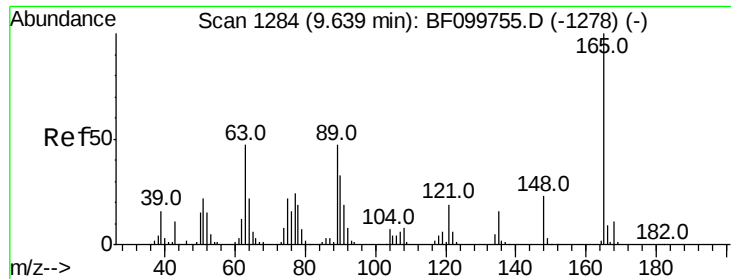
#49
Dimethylphthalate
Concen: 4.463 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion:163 Resp: 44454
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

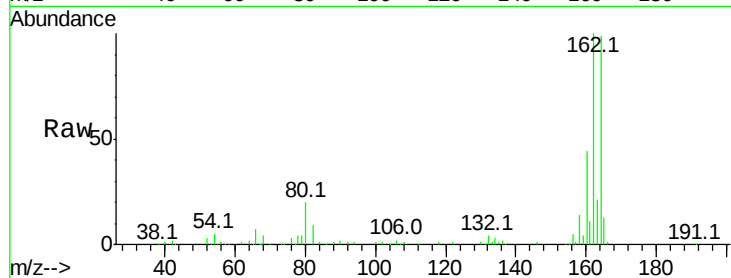




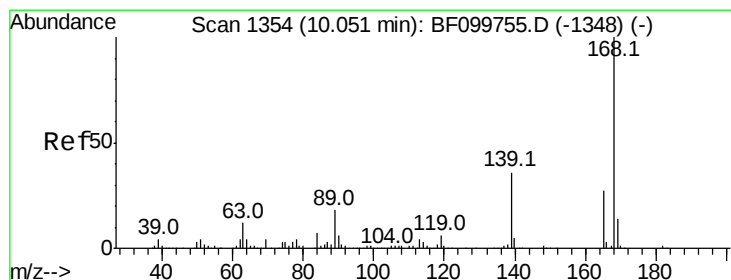
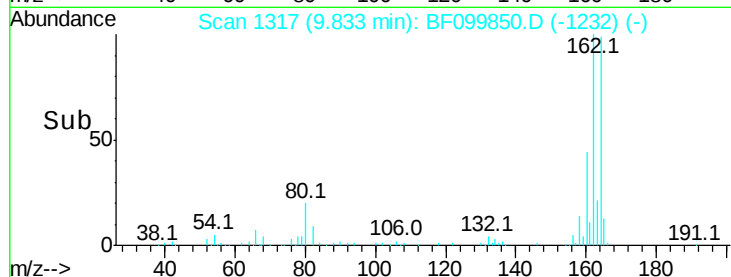
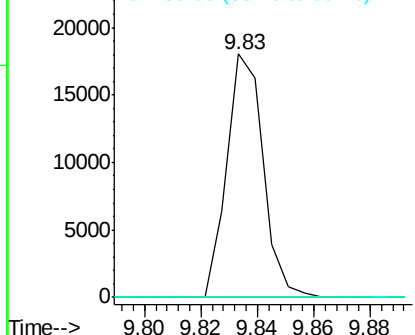
#50
 2,6-Dinitrotoluene
 Concen: 7.709 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

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#

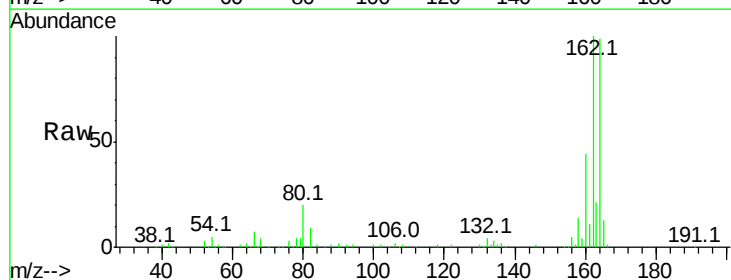


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

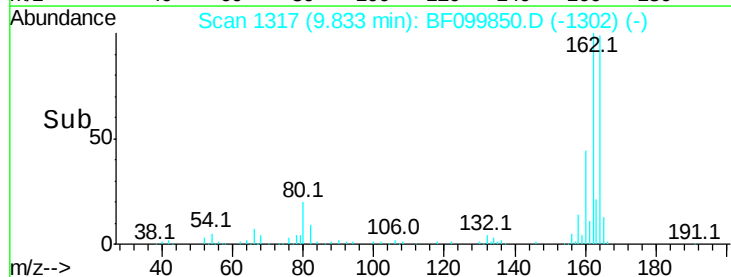
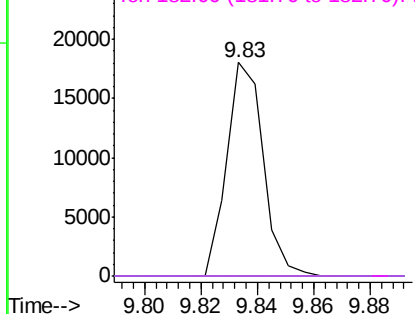


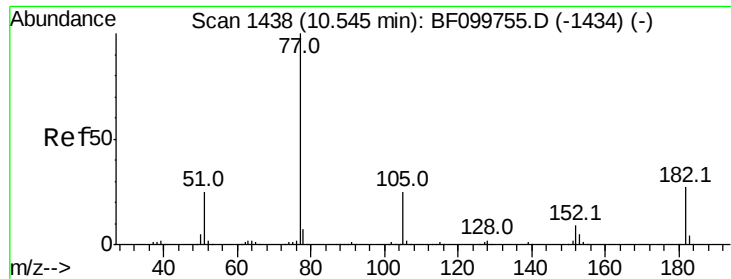
#56
 2,4-Dinitrotoluene
 Concen: 6.402 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

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#



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

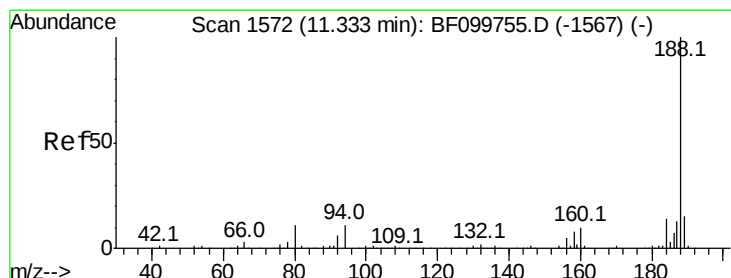
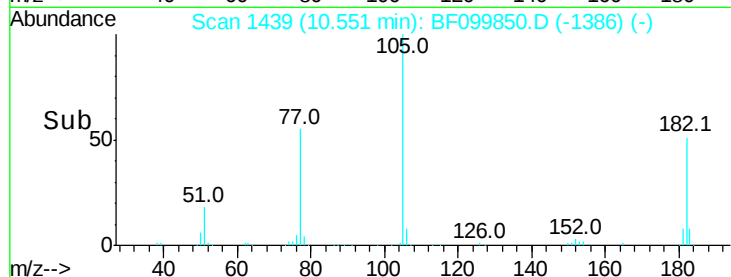
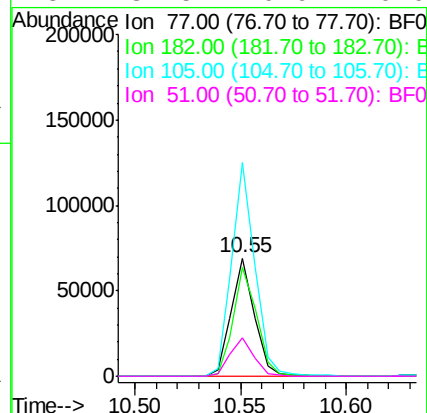
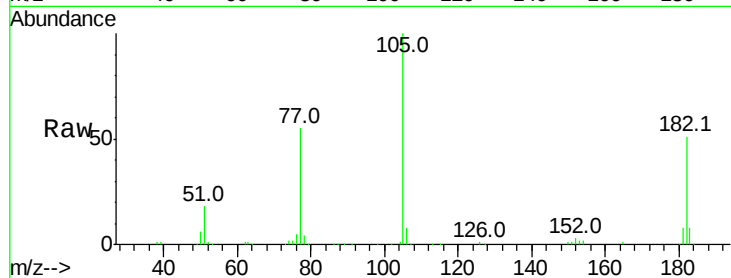




#62
Azobenzene
Concen: 6.438 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

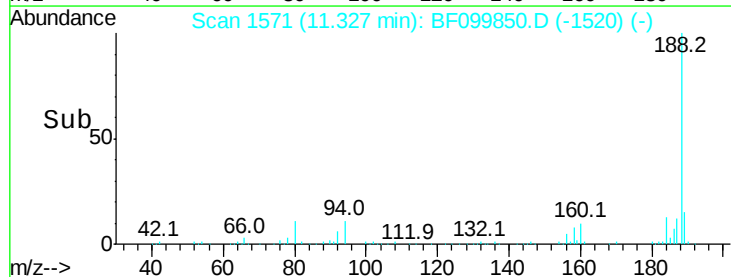
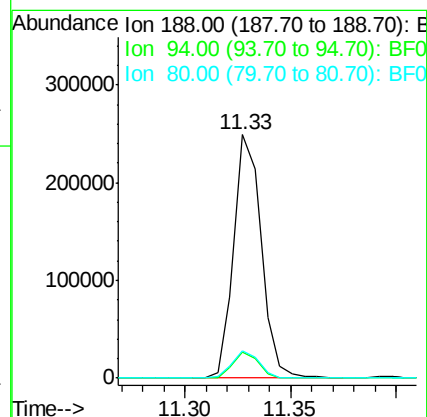
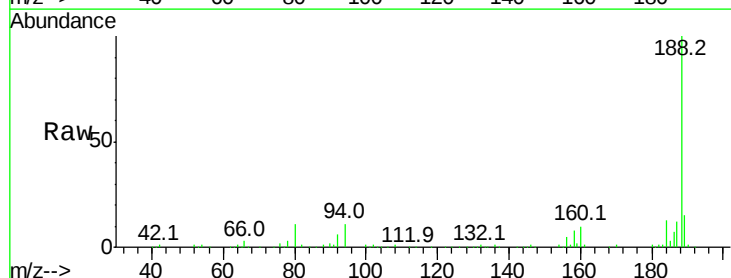
Instrument :
BNA_F
ClientSampleId :

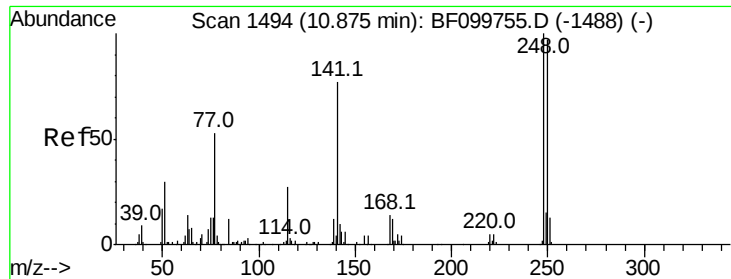
Tot Ion: 77 Resp: 52495
Ion Ratio Lower Upper
77 100
182 92.4 1.7 41.7#
105 180.5 3.0 43.0#
51 32.5 9.9 49.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion: 188 Resp: 224180
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8

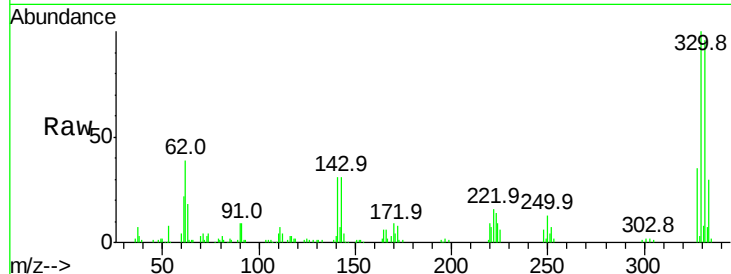




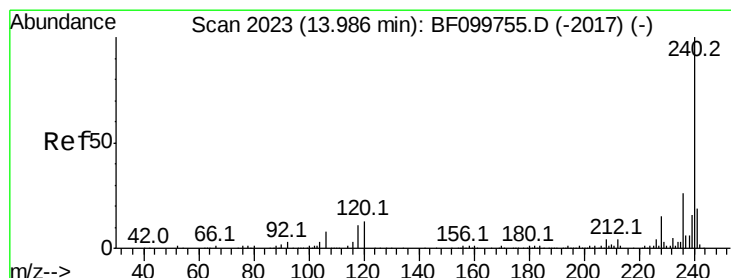
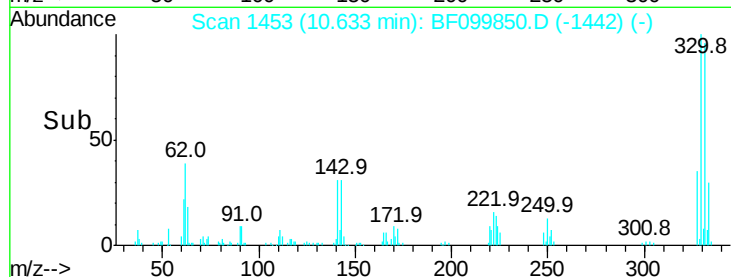
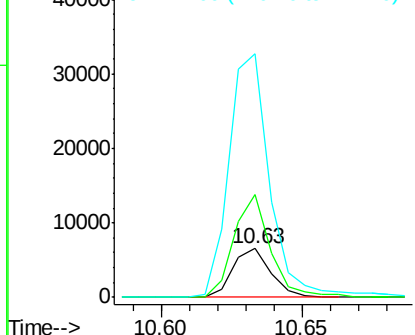
#66
 4-Bromophenyl-phenylether
 Concen: 2.588 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6108
 Ion Ratio Lower Upper
 248 100
 250 210.7 76.9 115.3#
 141 502.1 74.4 111.6#

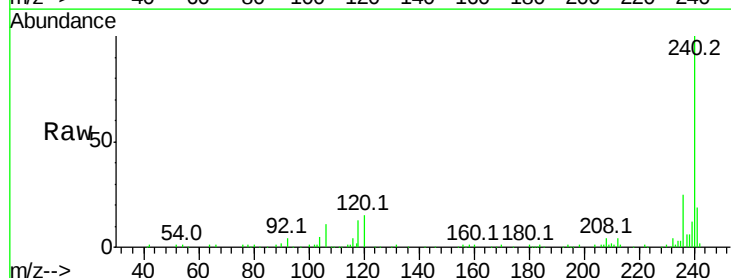


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

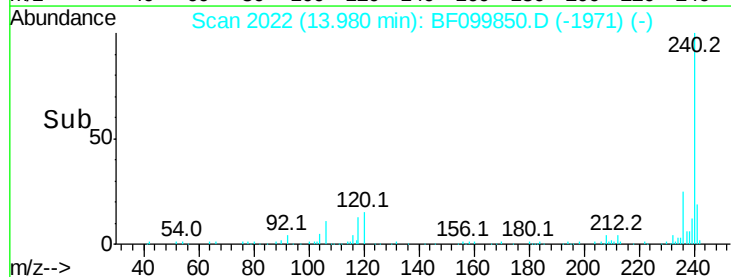
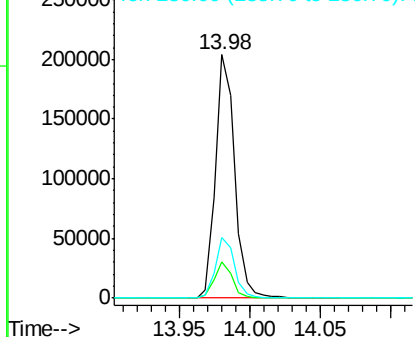


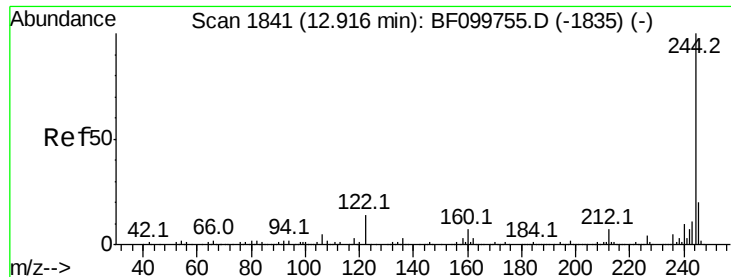
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

Tgt Ion:240 Resp: 192004
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.0 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

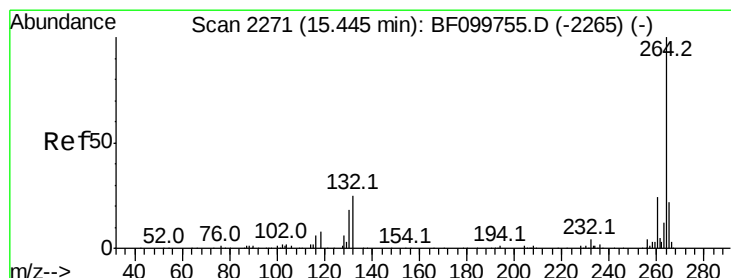
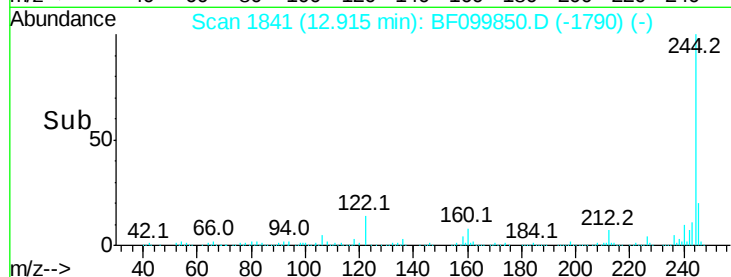
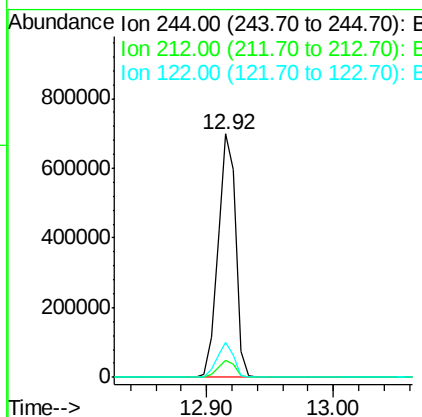
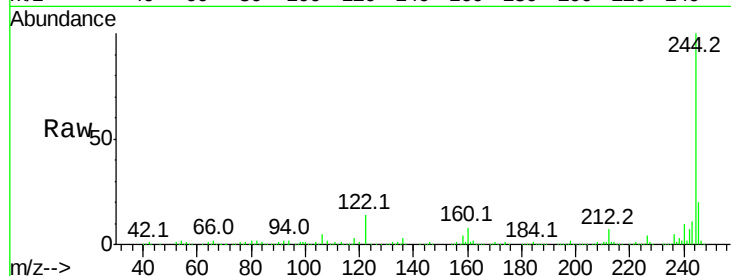




#78
 Terphenyl-d14
 Concen: 77.698 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 682642
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.2 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: BF099850.D
 Acq: 26 Oct 2017 9:21

Tgt Ion:264 Resp: 166507
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.5 26.3

