

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099849.D
 Acq On : 26 Oct 2017 8:53
 Operator : SJ/JU
 Sample : I6057-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 11:17:23 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

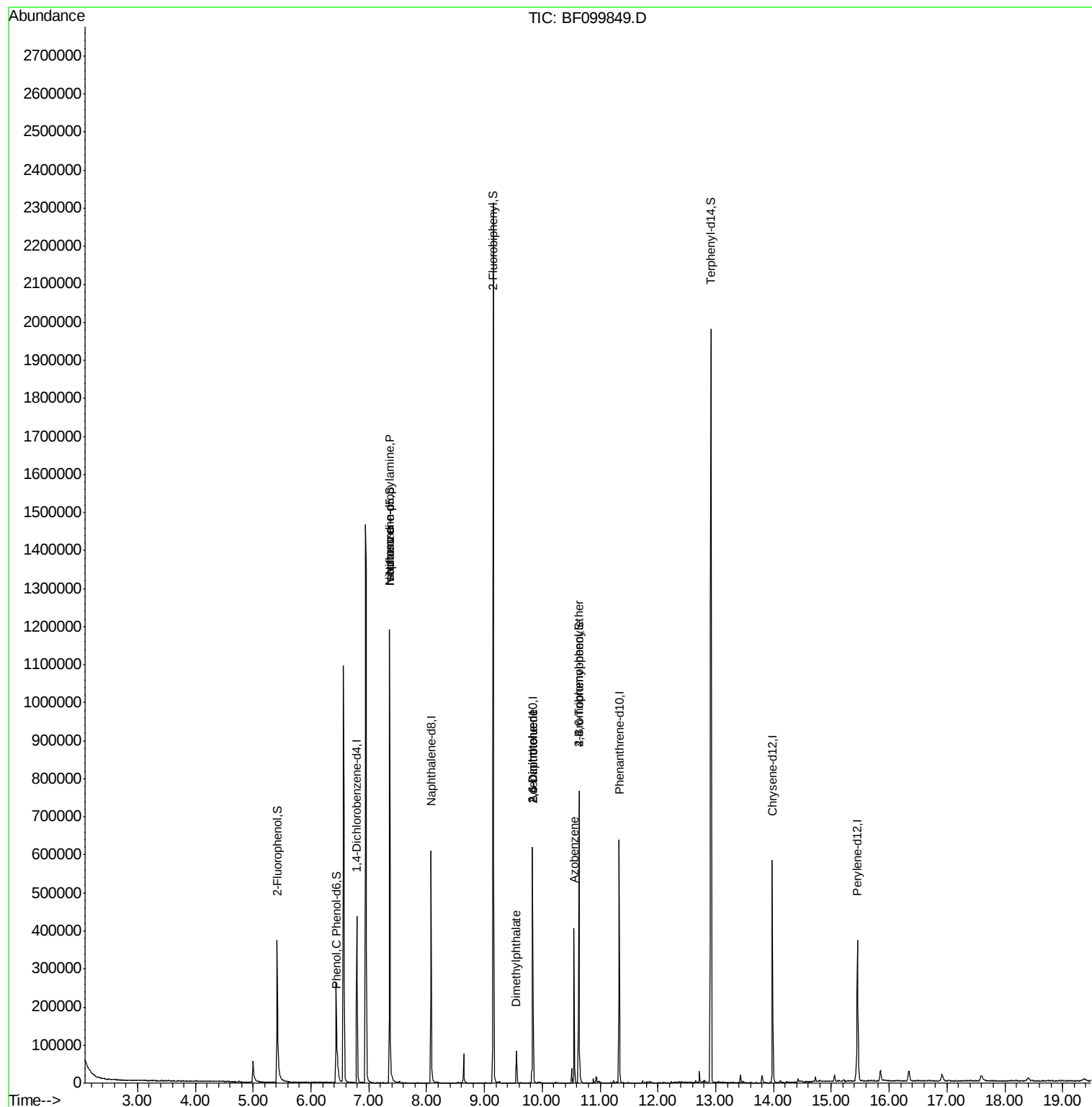
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	69349	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	285870	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	128969	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	233507	20.00	ng	0.00
75) Chrysene-d12	13.98	240	200594	20.00	ng	0.00
86) Perylene-d12	15.45	264	175841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	171242	38.77	ng	0.00
7) Phenol-d6	6.43	99	136174	26.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	372610	83.92	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	96882	82.43	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	753510	90.14	ng	0.00
78) Terphenyl-d14	12.92	244	716483	78.06	ng	0.00
Target Compounds						
10) Phenol	6.45	94	15802	2.748	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	45208	14.729	ng	# 72
25) Isophorone	7.36	82	372610	46.245	ng	# 64
49) Dimethylphthalate	9.55	163	40462	3.962	ng	99
50) 2,6-Dinitrotoluene	9.83	165	16737	7.795	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	16737	6.473	ng	# 21
62) Azobenzene	10.55	77	61394	7.343	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	6356	2.586	ng	# 1

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

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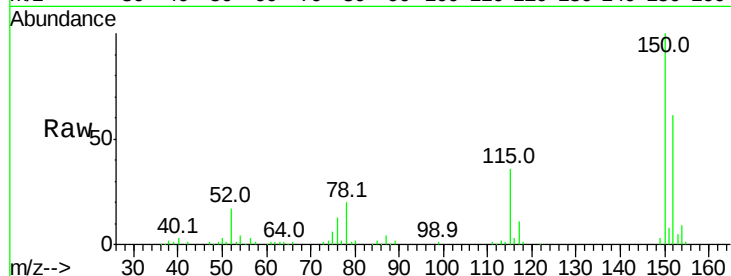


#1

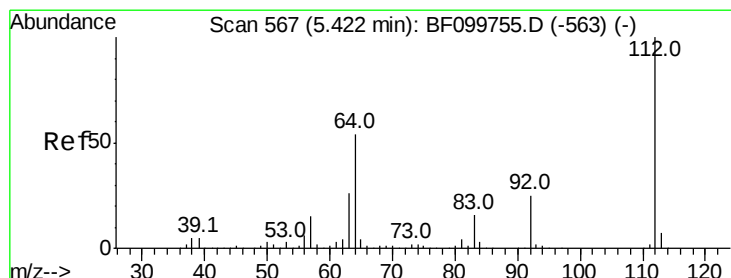
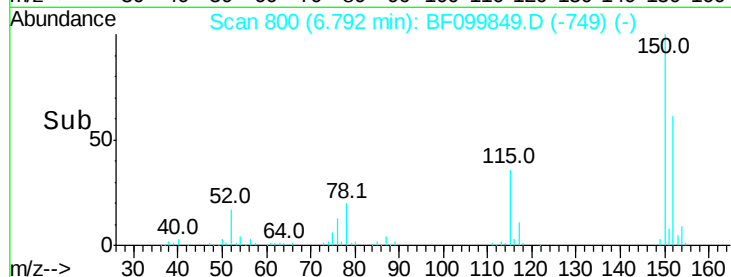
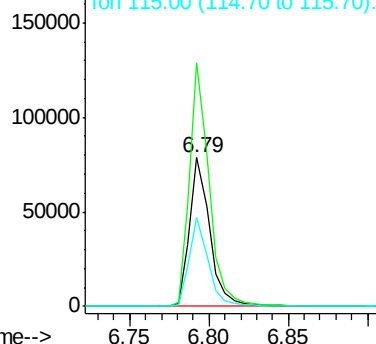
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099849.D
Acq: 26 Oct 2017 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69349
Ion Ratio Lower Upper
152 100
150 164.2 124.6 186.8
115 59.9 50.1 75.1



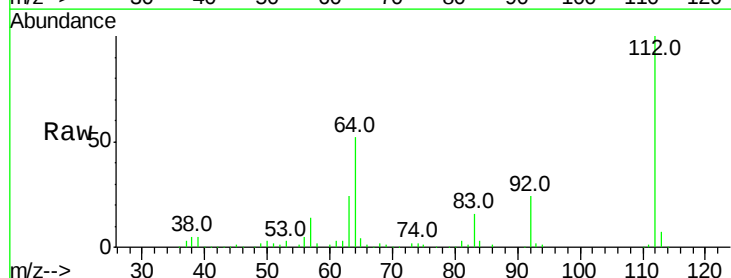
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



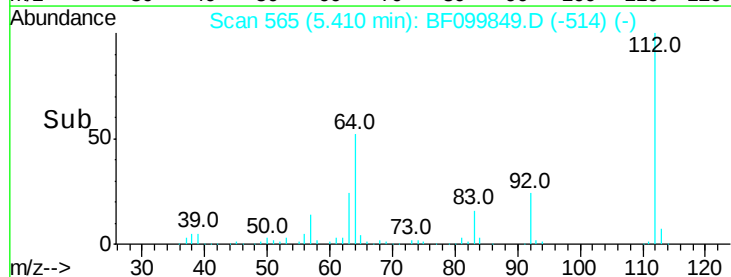
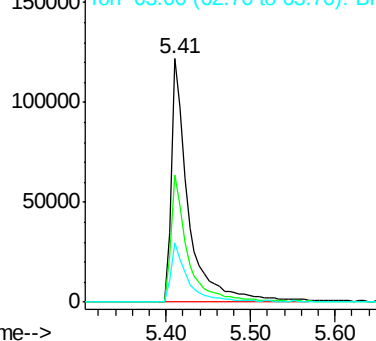
#5

2-Fluorophenol
Concen: 38.767 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099849.D
Acq: 26 Oct 2017 8:53

Tgt Ion:112 Resp: 171242
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.2 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: 25.999 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

Instrument :

BNA_F

ClientSampled :

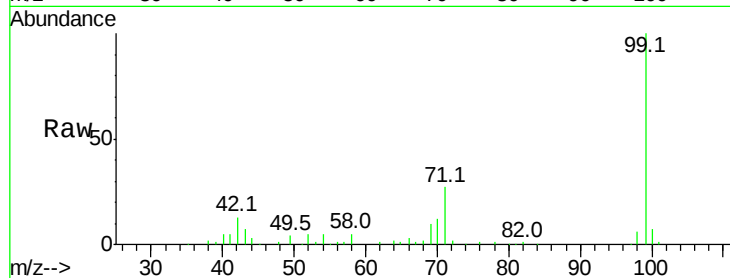
Tot Ion: 99 Resp: 136174

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

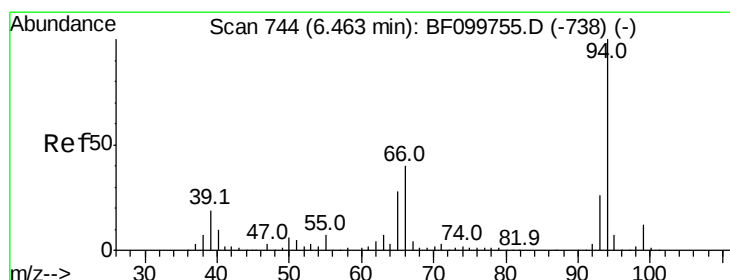
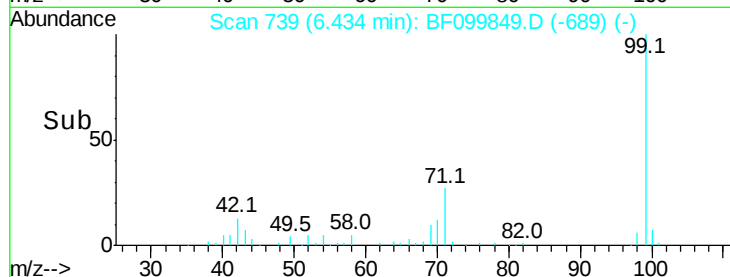
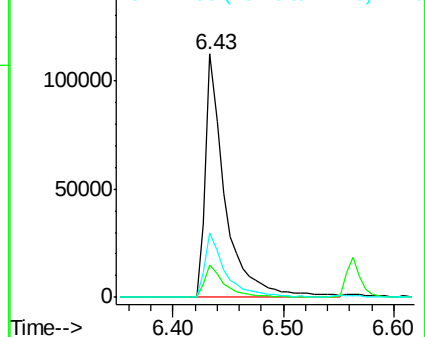
71 26.7 25.4 38.0



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: 2.748 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

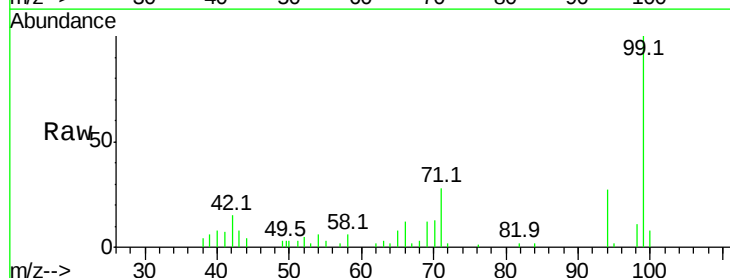
Tgt Ion: 94 Resp: 15802

Ion Ratio Lower Upper

94 100

65 28.7 7.9 47.9

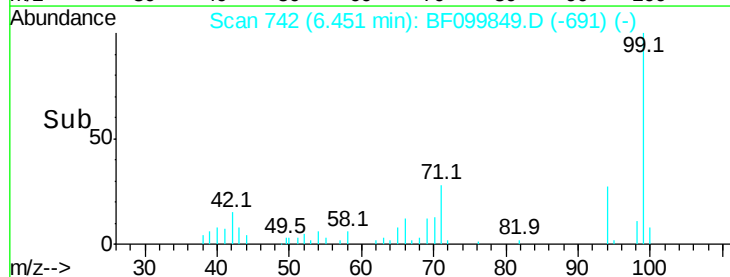
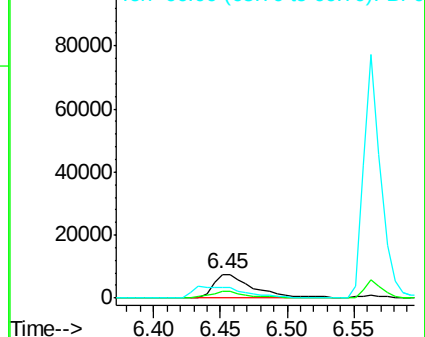
66 45.0 16.2 56.2

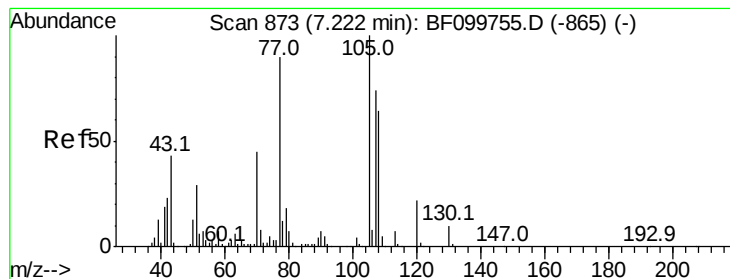


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 14.729 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 45208

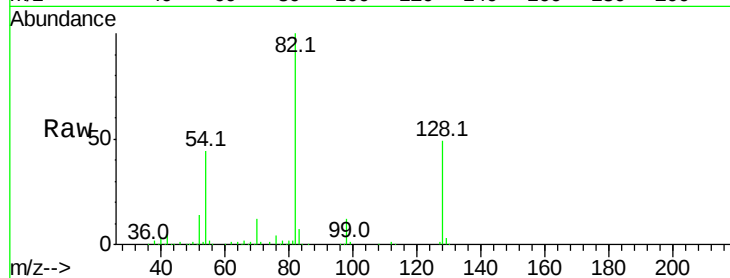
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

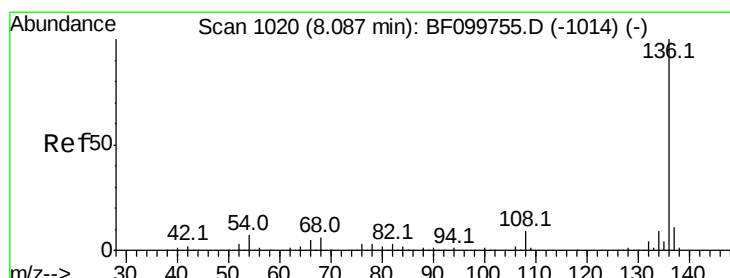
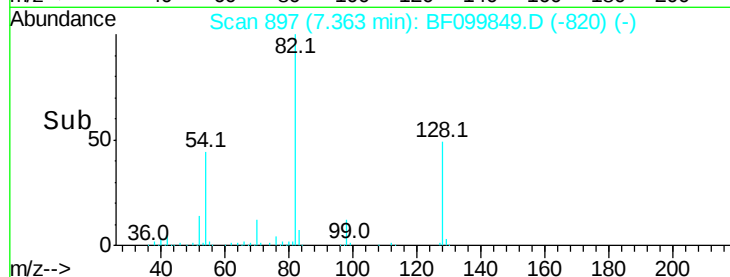
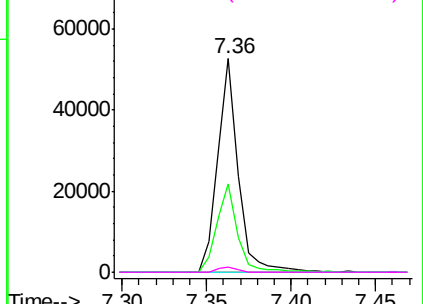


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

Tgt Ion: 136 Resp: 285870

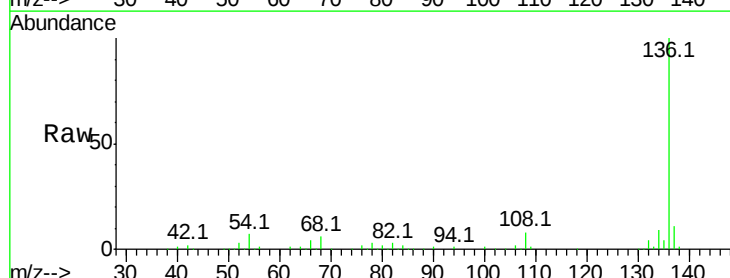
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

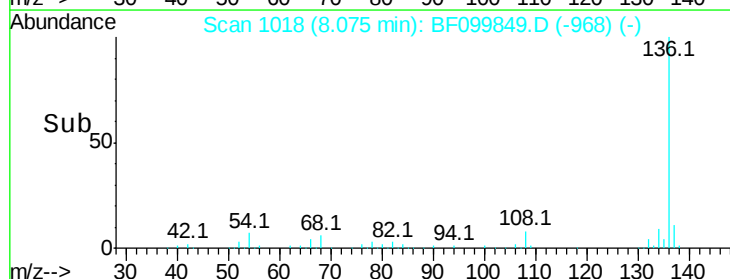
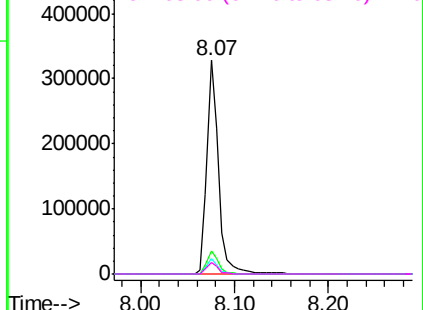


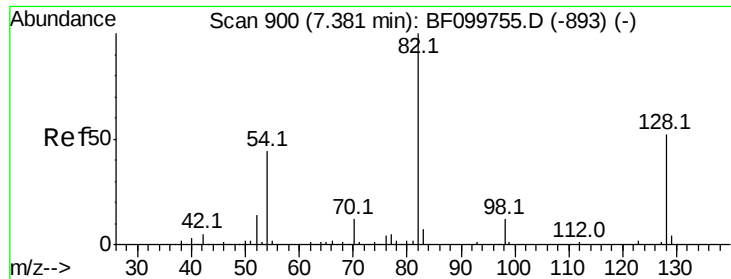
Abundance Ion 136.00 (135.70 to 136.70): E

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

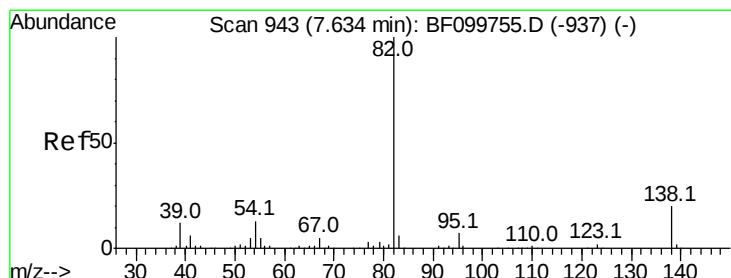
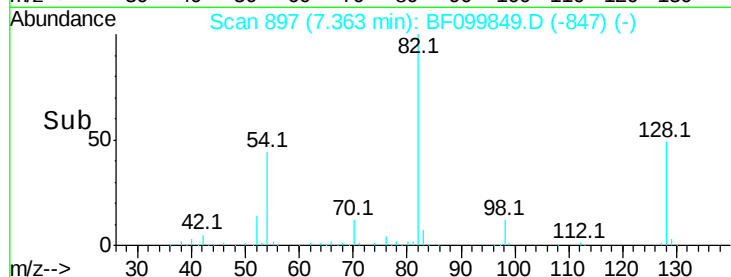
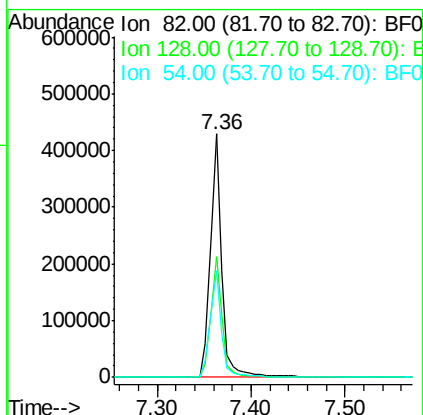
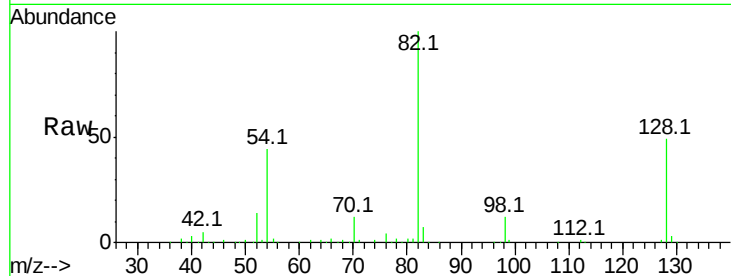




#23
 Nitrobenzene-d5
 Concen: 83.915 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099849.D
 Acq: 26 Oct 2017 8:53

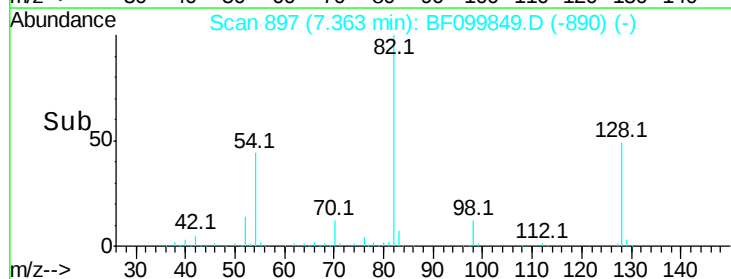
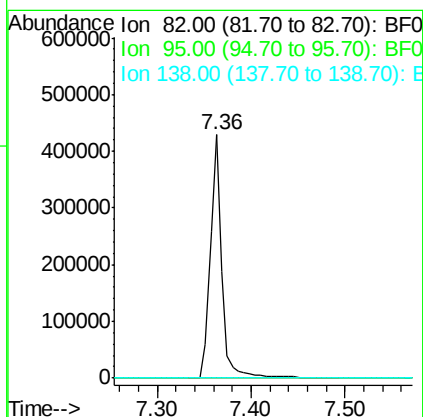
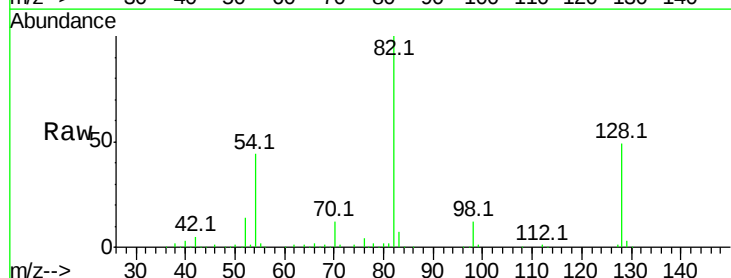
Instrument :
 BNA_F
 ClientSampled :

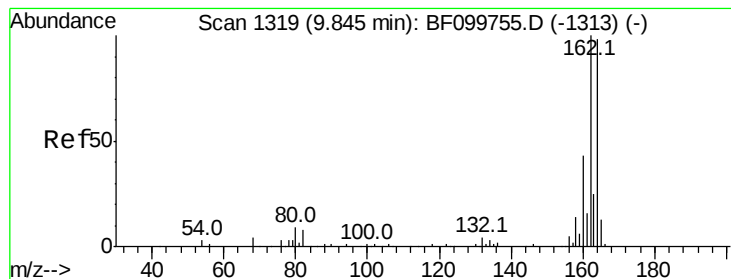
Tot Ion: 82 Resp: 372610
 Ion Ratio Lower Upper
 82 100
 128 49.5 36.1 54.1
 54 43.9 41.4 62.2



#25
 Isophorone
 Concen: 46.245 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF099849.D
 Acq: 26 Oct 2017 8:53

Tgt Ion: 82 Resp: 372610
 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: BF099849.D

Acq: 26 Oct 2017 8:53

Instrument :

BNA_F

ClientSampleId :

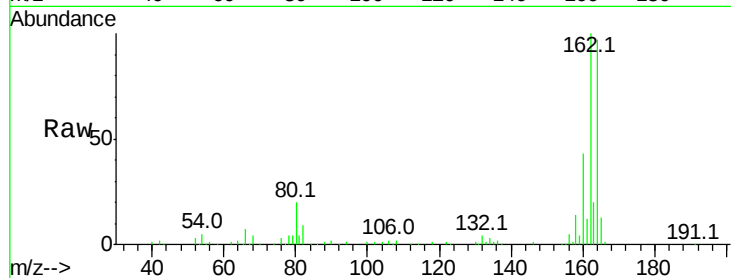
Tot Ion:164 Resp: 128969

Ion Ratio Lower Upper

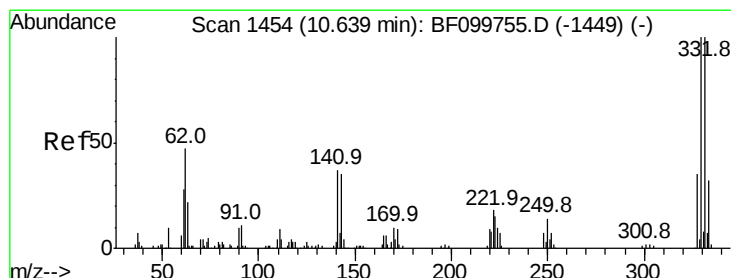
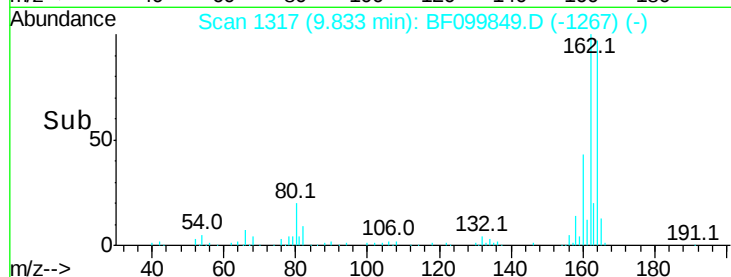
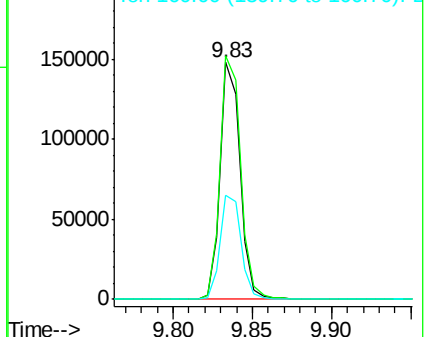
164 100

162 102.8 86.1 129.1

160 43.7 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: 82.431 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

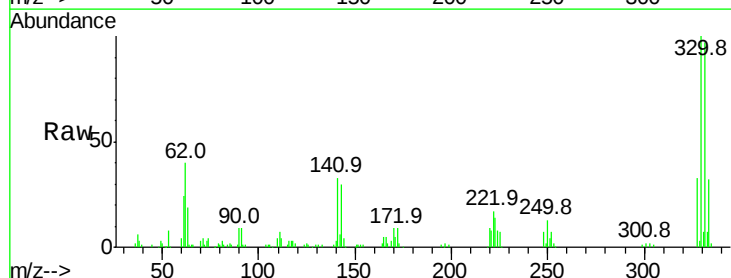
Tgt Ion:330 Resp: 96882

Ion Ratio Lower Upper

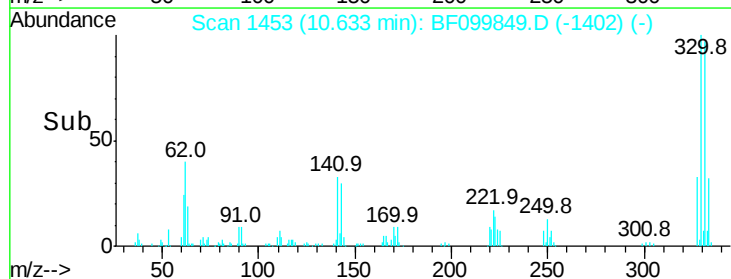
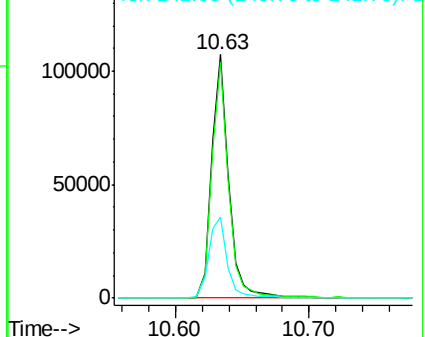
330 100

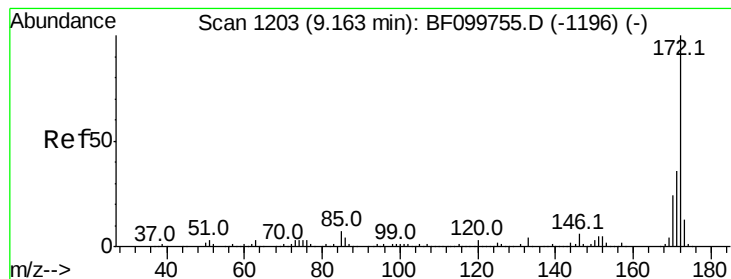
332 96.1 77.0 115.6

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: 90.141 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

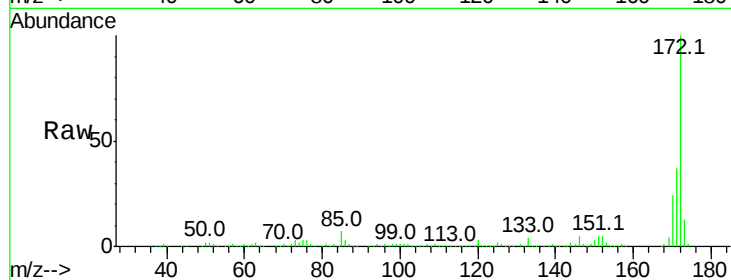
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 753510

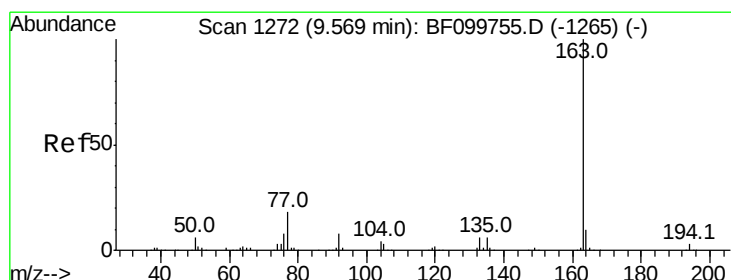
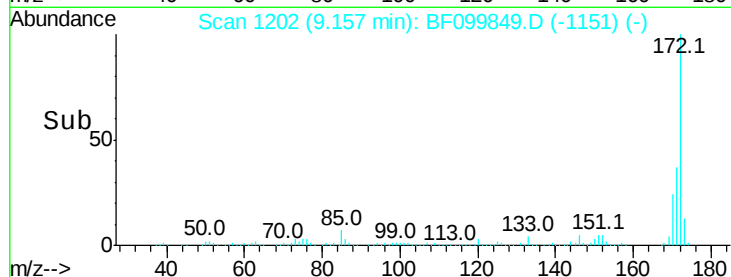
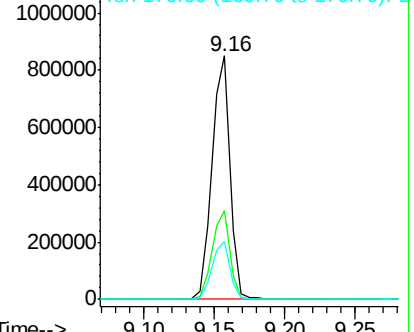
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.8	19.6	29.4



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: 3.962 ng

RT: 9.55 min Scan# 1269

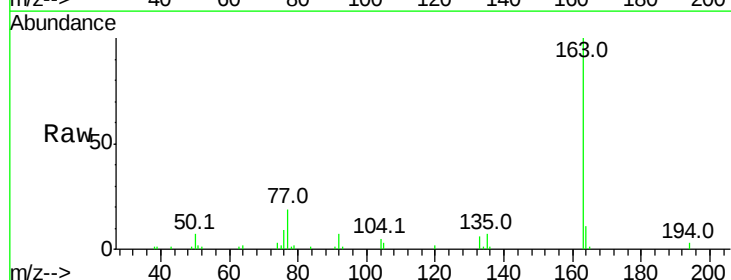
Delta R.T. -0.01 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

Tgt Ion:163 Resp: 40462

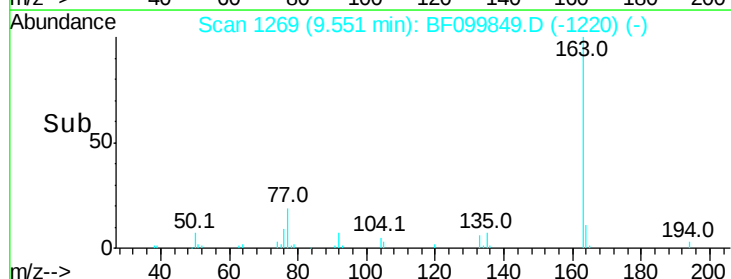
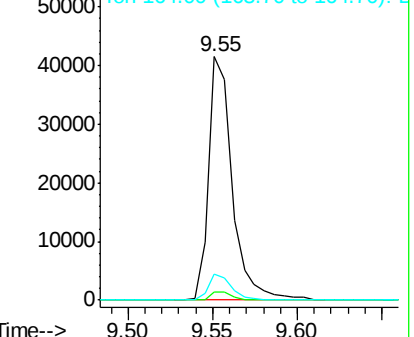
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.7	8.2	12.2

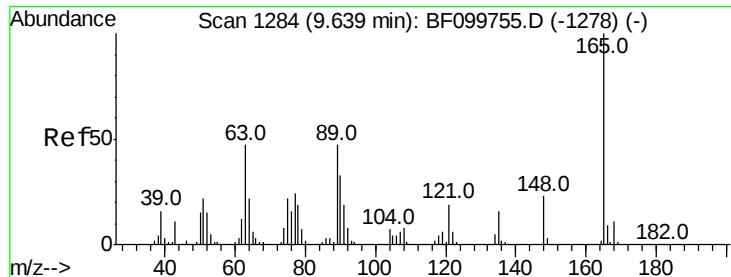


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

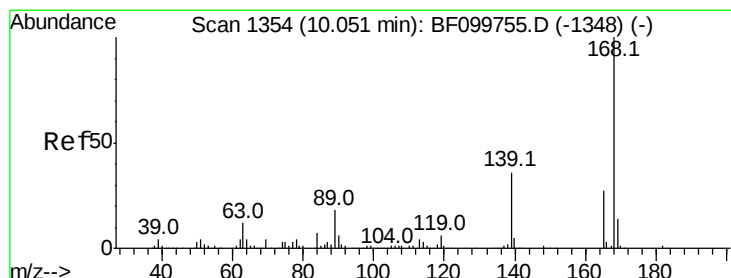
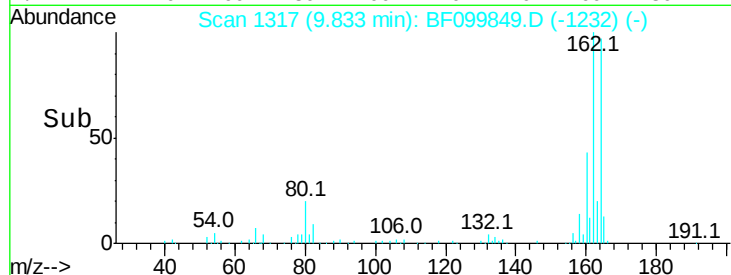
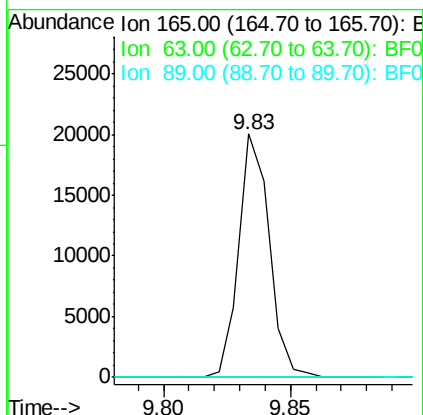
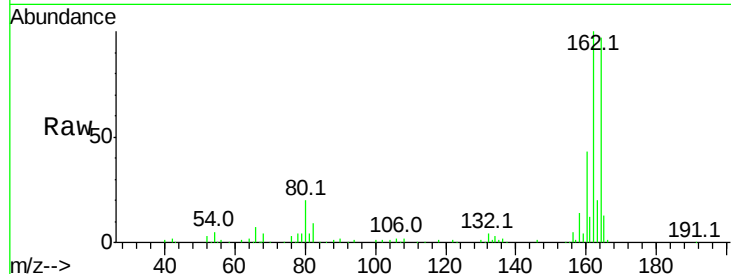




#50
 2,6-Dinitrotoluene
 Concen: 7.795 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099849.D
 Acq: 26 Oct 2017 8:53

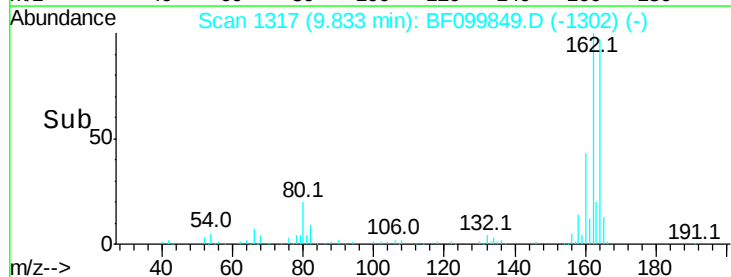
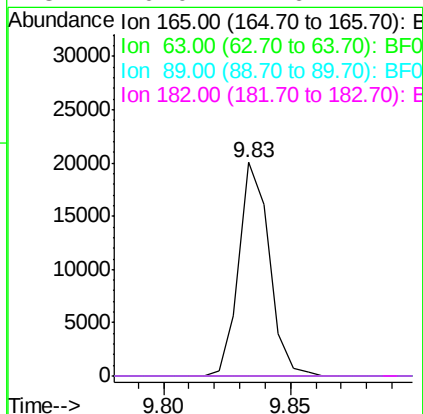
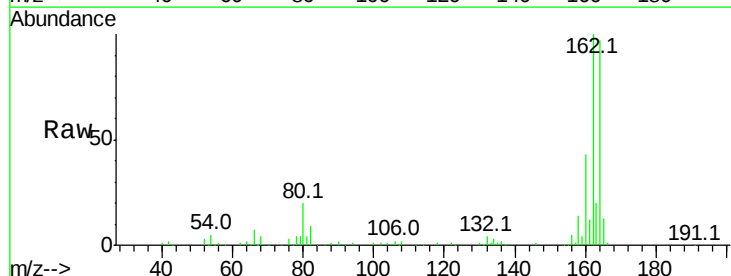
Instrument :
 BNA_F
 ClientSampleId :

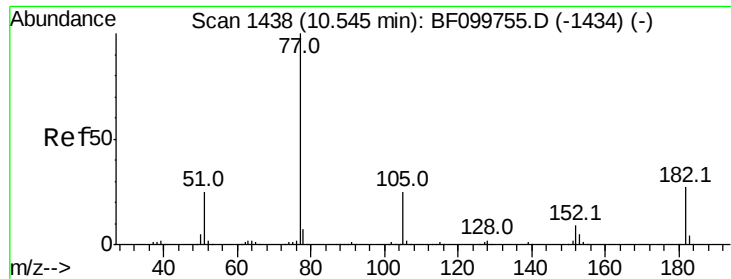
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.473 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099849.D
 Acq: 26 Oct 2017 8:53

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#





#62

Azobenzene

Concen: 7.343 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 61394

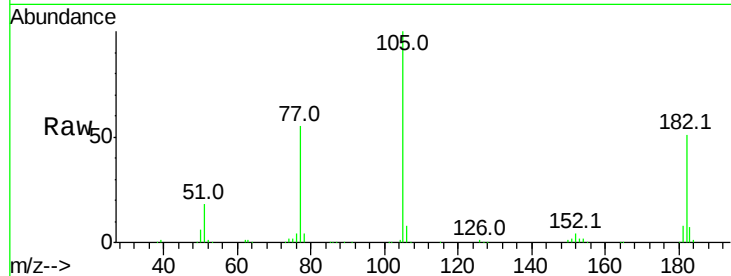
Ion Ratio Lower Upper

77 100

182 93.1 1.7 41.7#

105 181.9 3.0 43.0#

51 33.3 9.9 49.9

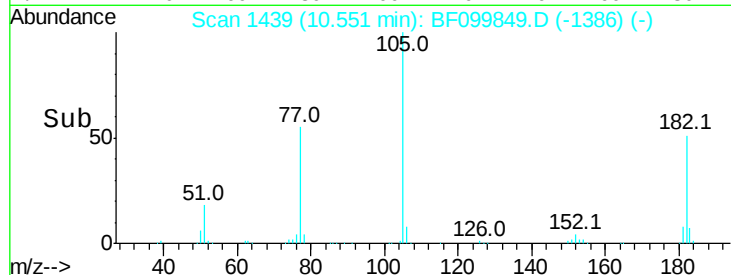


Abundance Ion 77.00 (76.70 to 77.70): BF0

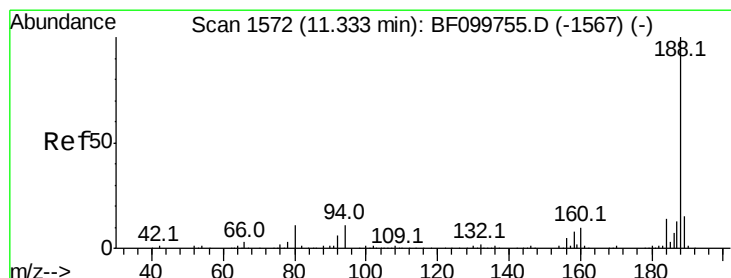
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time--> 10.50 10.55 10.60



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

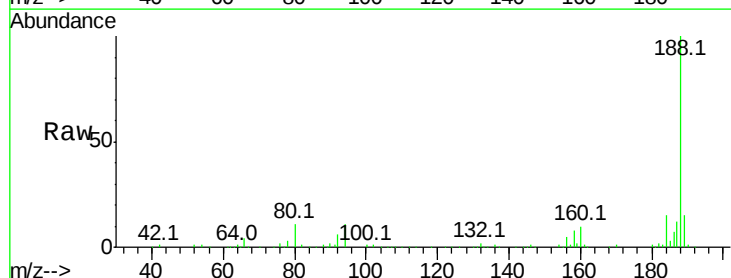
Tgt Ion: 188 Resp: 233507

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

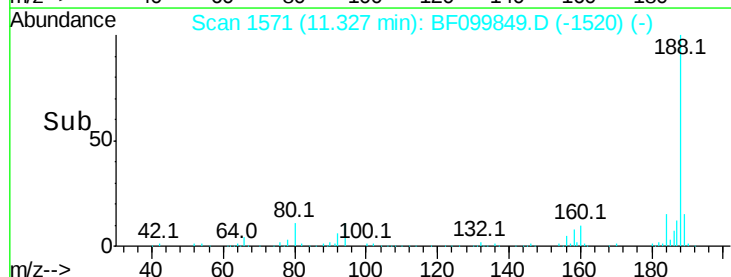
80 11.5 9.2 13.8



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



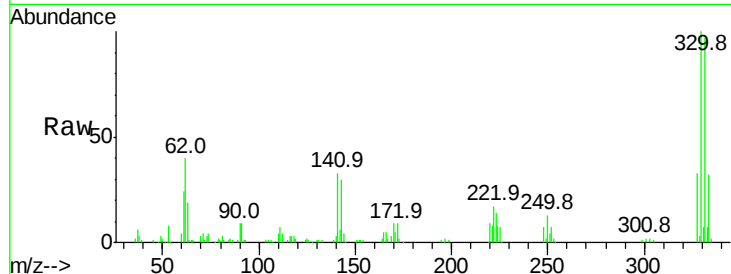
Time--> 11.30 11.35 11.40



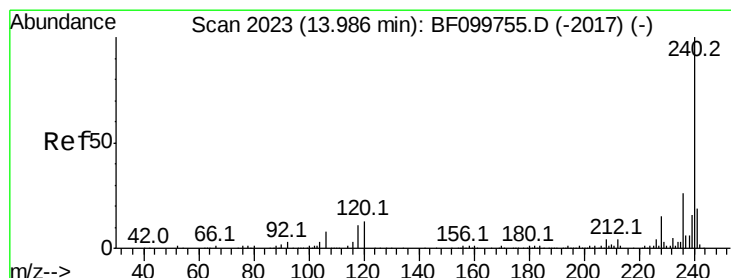
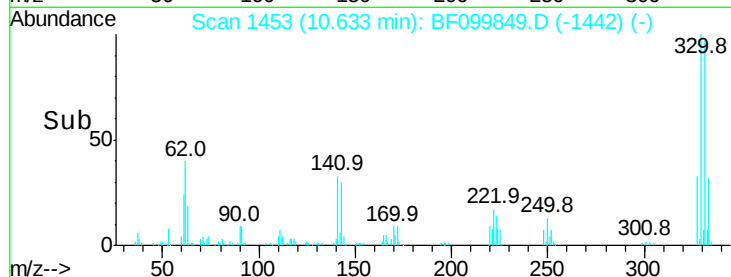
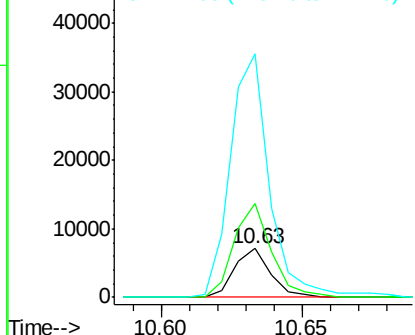
#66
4-Bromophenyl-phenylether
Concen: 2.586 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099849.D
Acq: 26 Oct 2017 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6356
Ion Ratio Lower Upper
248 100
250 191.8 76.9 115.3#
141 500.0 74.4 111.6#

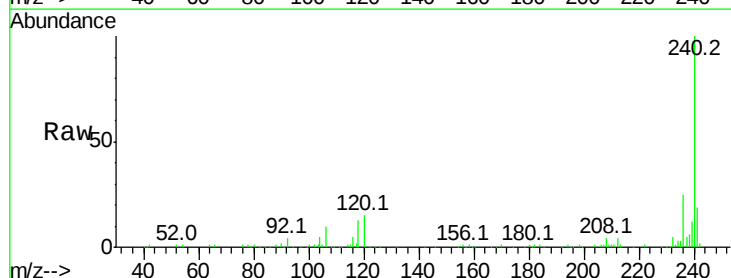


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

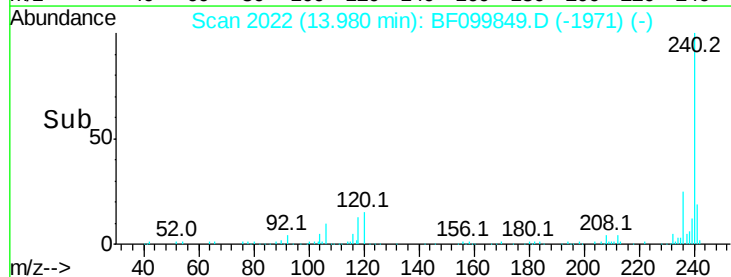
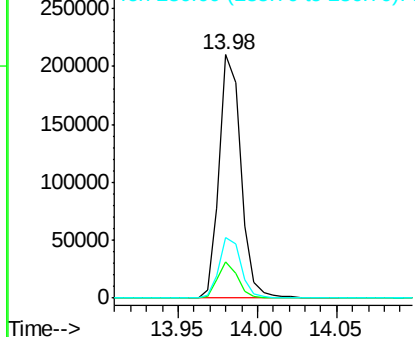


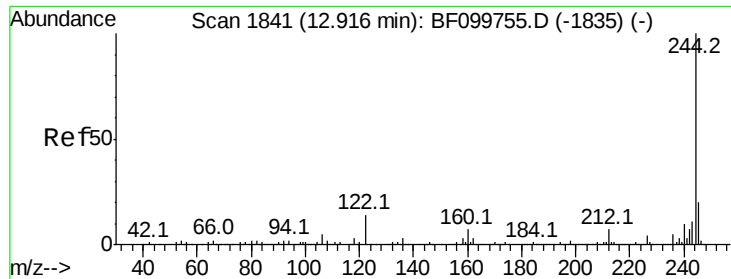
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099849.D
Acq: 26 Oct 2017 8:53

Tgt Ion:240 Resp: 200594
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 24.7 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

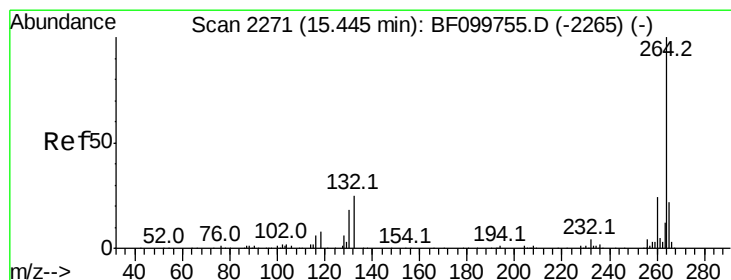
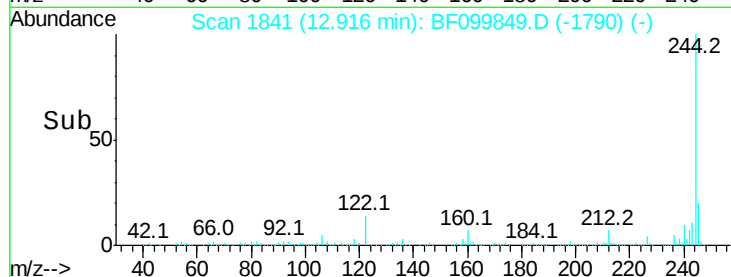
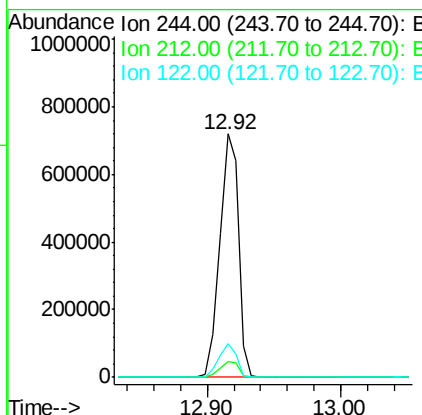
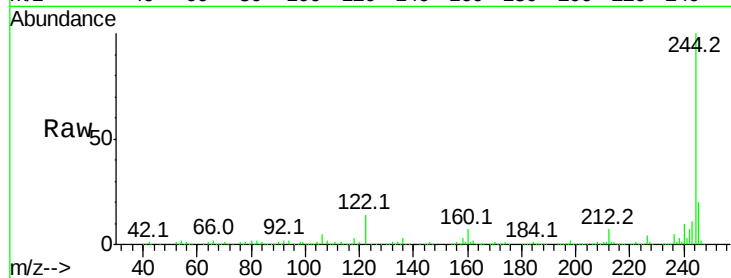




#78
 Terphenyl-d14
 Concen: 78.057 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099849.D
 Acq: 26 Oct 2017 8:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 716483
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 14.1 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: BF099849.D
 Acq: 26 Oct 2017 8:53

Tgt Ion:264 Resp: 175841
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.6 17.5 26.3

