

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099846.D
 Acq On : 26 Oct 2017 7:31
 Operator : SJ/JU
 Sample : I6057-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 08:53:02 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

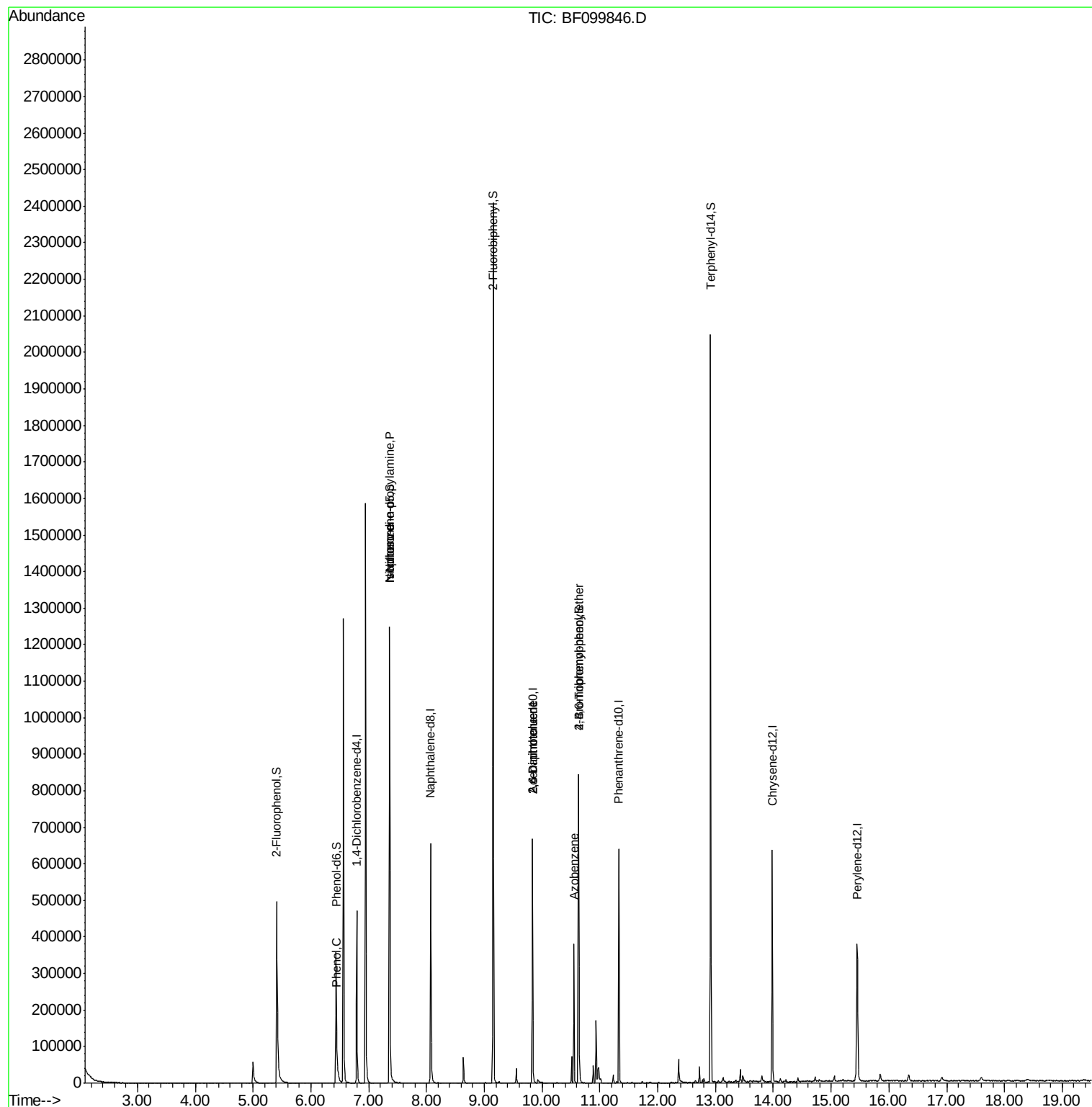
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73328	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	298507	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	136363	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	242980	20.00	ng	0.00
75) Chrysene-d12	13.98	240	208473	20.00	ng	0.00
86) Perylene-d12	15.45	264	180464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	207813	44.49	ng	0.00
7) Phenol-d6	6.43	99	171249	30.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	394202	85.02	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	102696	82.64	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	798112	90.30	ng	0.00
78) Terphenyl-d14	12.92	244	769401	80.65	ng	0.00
Target Compounds						
10) Phenol	6.45	94	13230	2.176	ng	85
19) n-Nitroso-di-n-propylamine	7.36	70	48338	14.894	ng	# 70
25) Isophorone	7.36	82	394202	46.854	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	17037	7.505	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	17037	6.232	ng	# 23
62) Azobenzene	10.55	77	54860	6.206	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	6868	2.685	ng	# 1

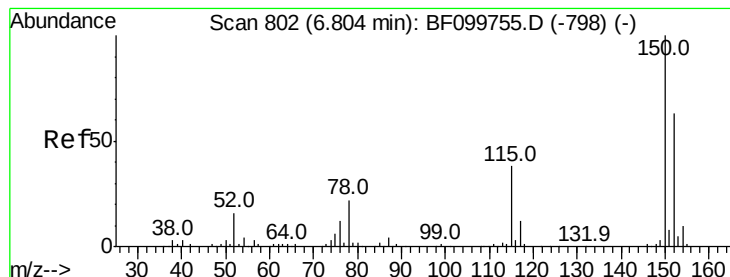
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099846.D
Acq On : 26 Oct 2017 7:31
Operator : SJ/JU
Sample : I6057-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 08:53:02 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



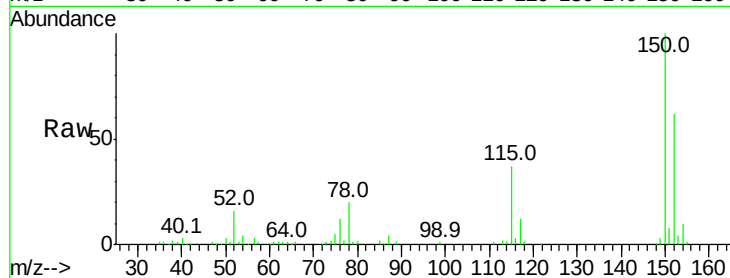


#1

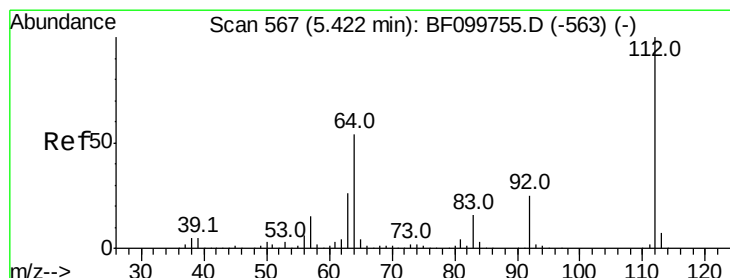
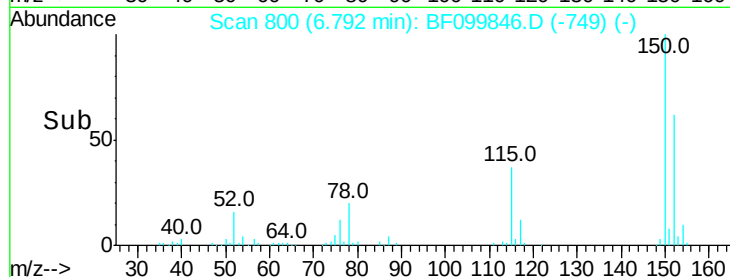
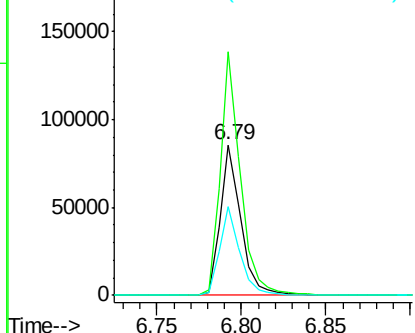
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73328
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 59.2 50.1 75.1



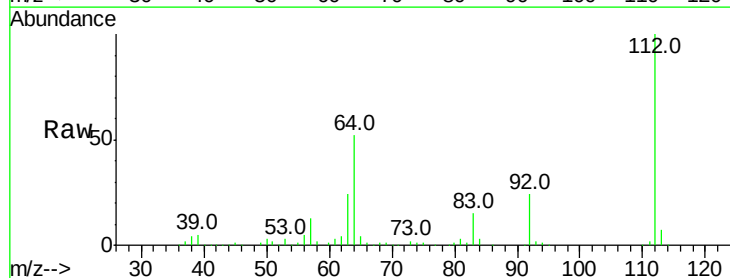
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



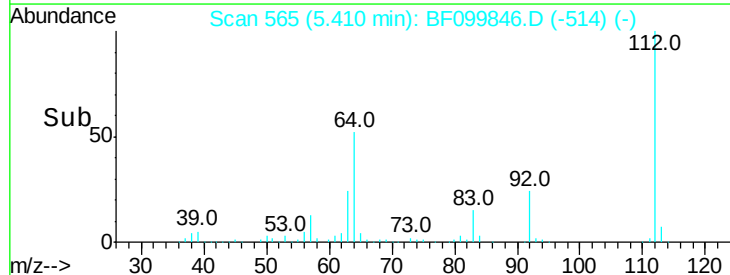
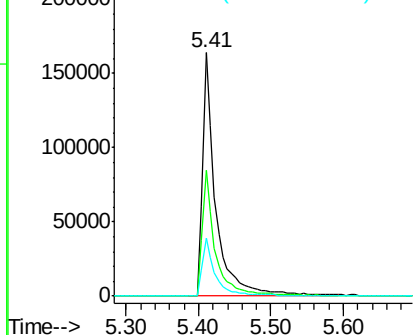
#5

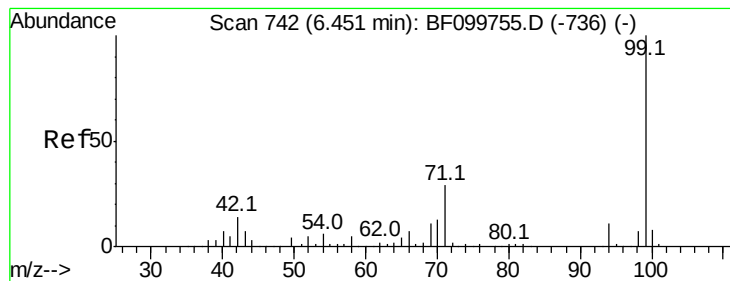
2-Fluorophenol
Concen: 44.493 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Tgt Ion:112 Resp: 207813
Ion Ratio Lower Upper
112 100
64 51.6 47.9 71.9
63 23.9 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: 30.922 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

Instrument :

BNA_F

ClientSampled :

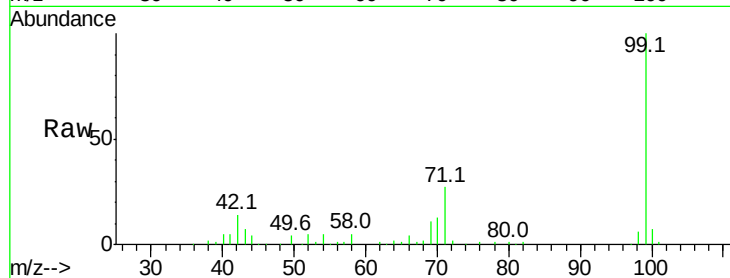
Tot Ion: 99 Resp: 171249

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

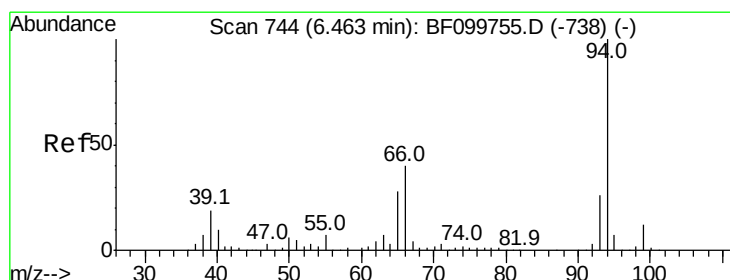
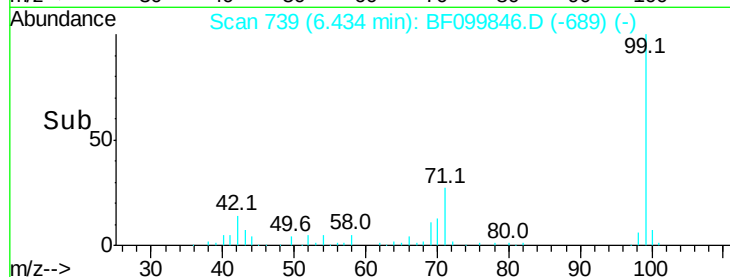
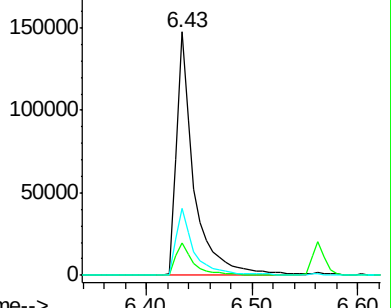
71 27.5 25.4 38.0



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: 2.176 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

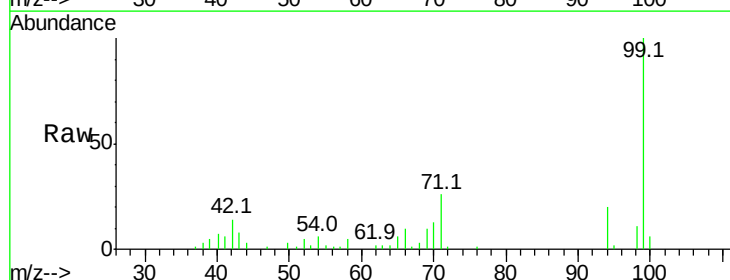
Tgt Ion: 94 Resp: 13230

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

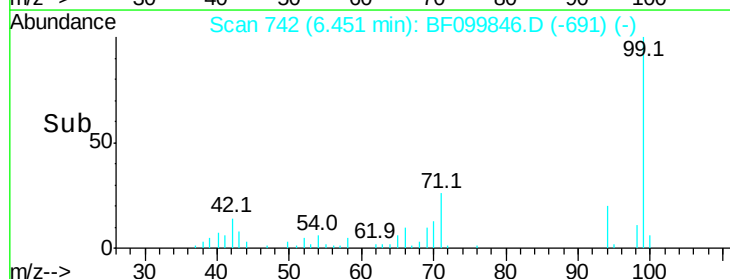
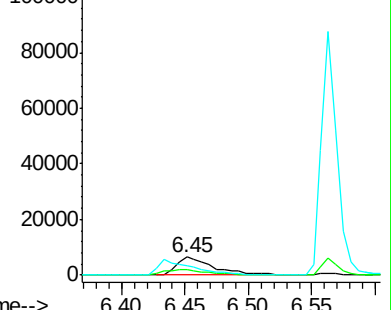
66 50.9 16.2 56.2

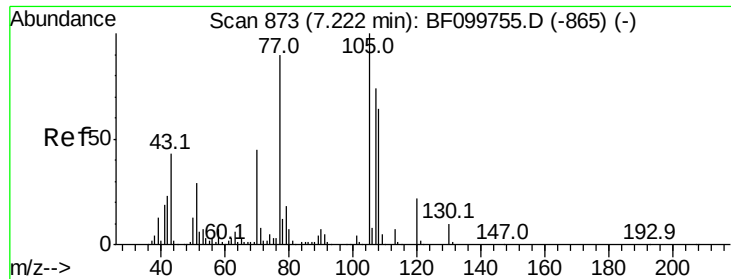


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

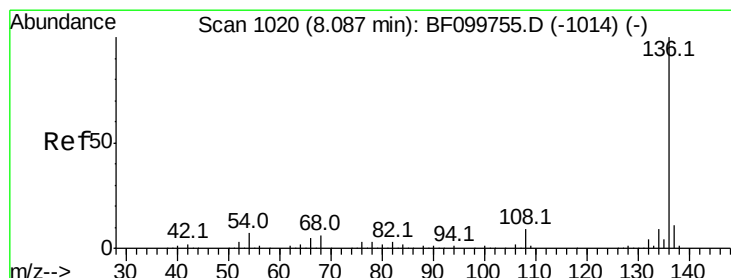
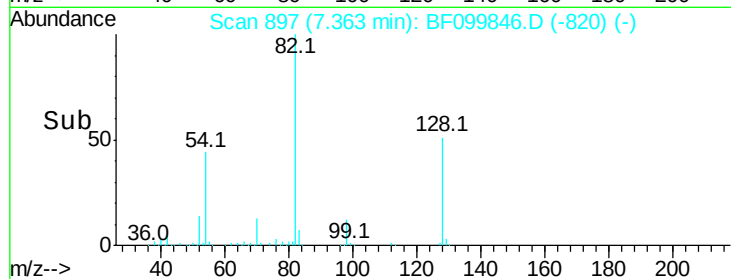
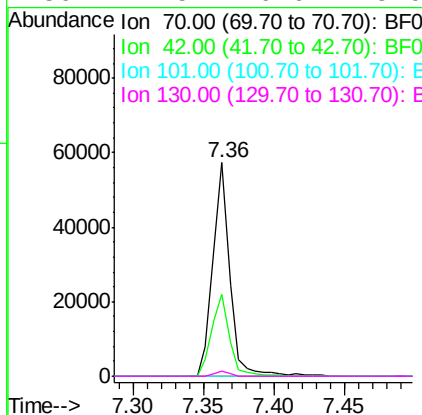
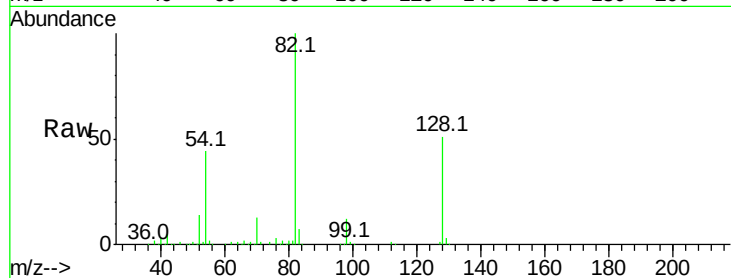




#19
n-Nitroso-di-n-propylamine
Concen: 14.894 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

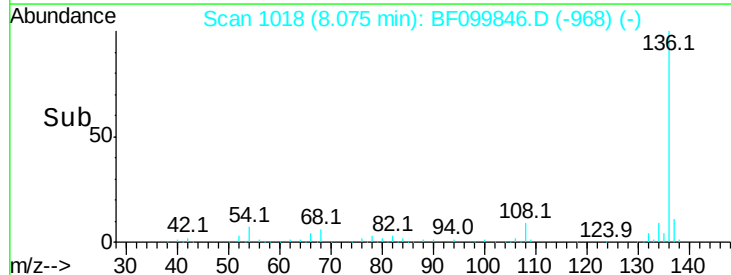
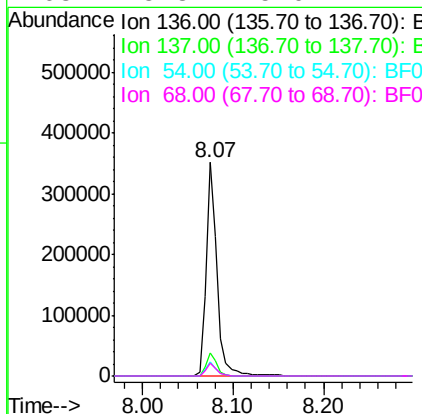
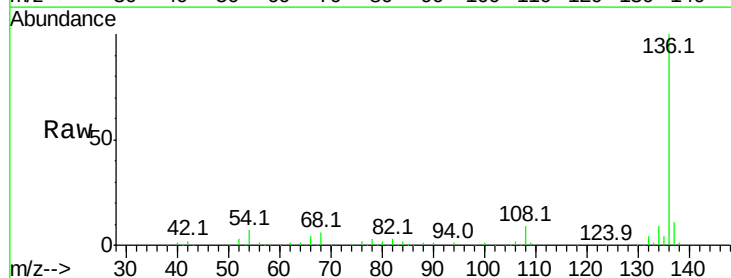
Instrument :
BNA_F
ClientSampled :

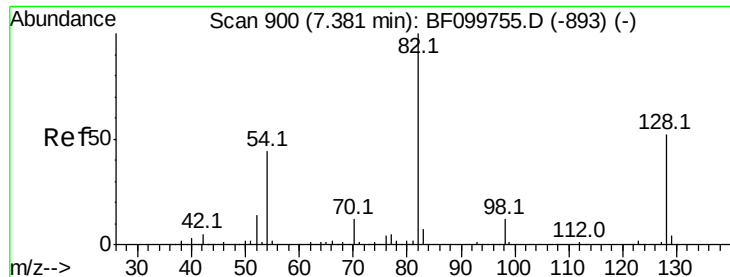
Tot Ion: 70 Resp: 48338
Ion Ratio Lower Upper
70 100
42 38.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Tgt Ion:136 Resp: 298507
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.5 6.6 9.8#
68 5.8 5.0 7.4

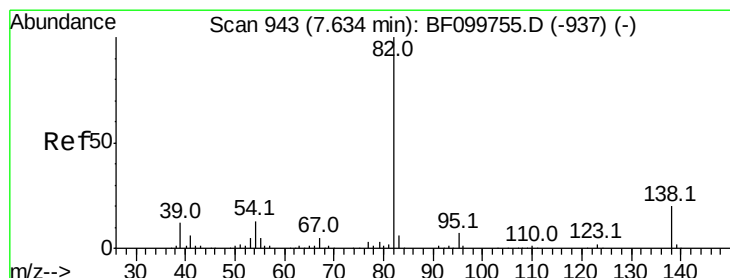
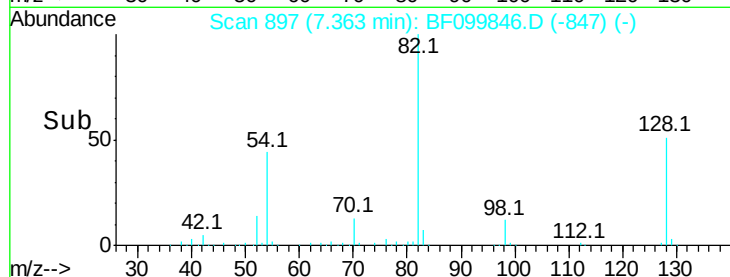
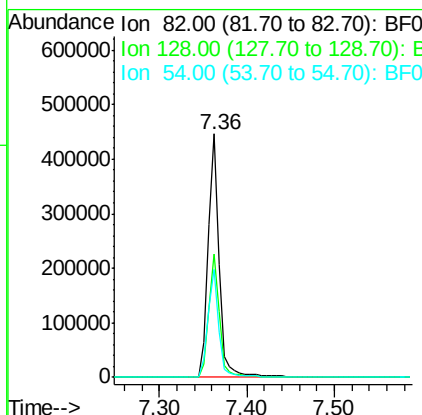
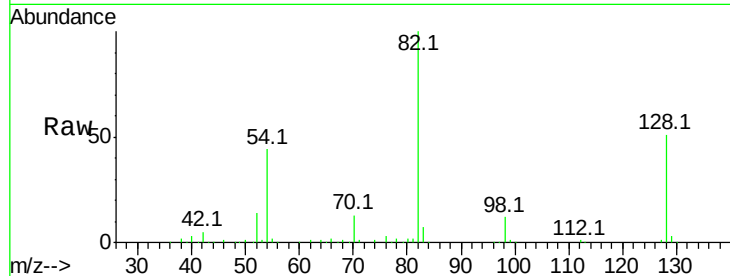




#23
Nitrobenzene-d5
Concen: 85.020 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

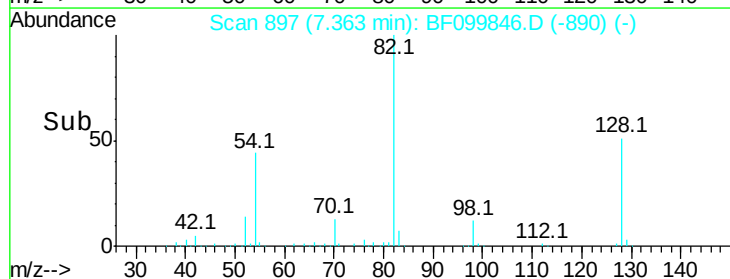
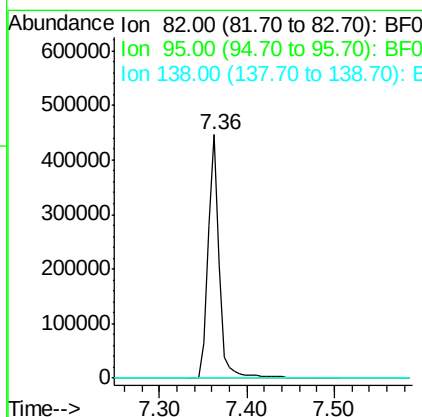
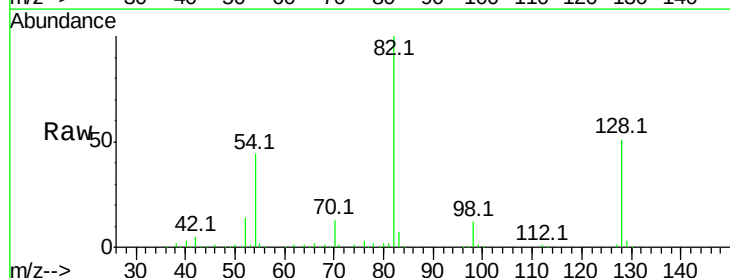
Instrument :
BNA_F
ClientSampled :

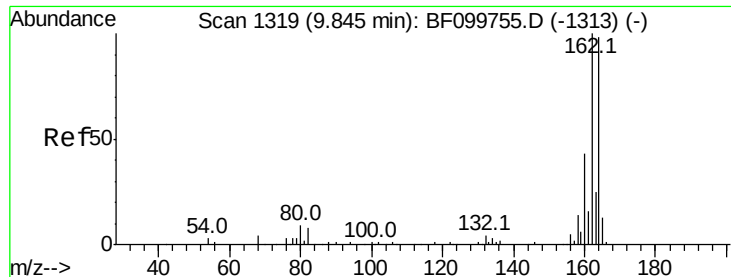
Tot Ion: 82 Resp: 394202
Ion Ratio Lower Upper
82 100
128 50.5 36.1 54.1
54 44.1 41.4 62.2



#25
Isophorone
Concen: 46.854 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Tgt Ion: 82 Resp: 394202
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: BF099846.D

Acq: 26 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

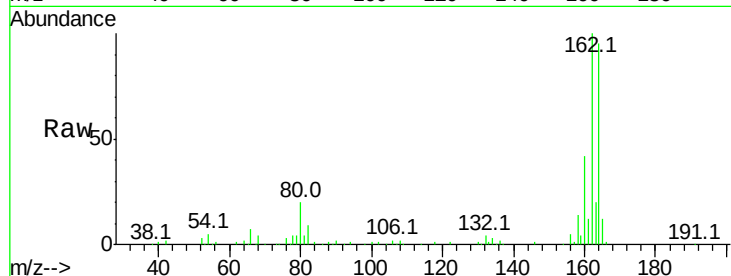
Tot Ion:164 Resp: 136363

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

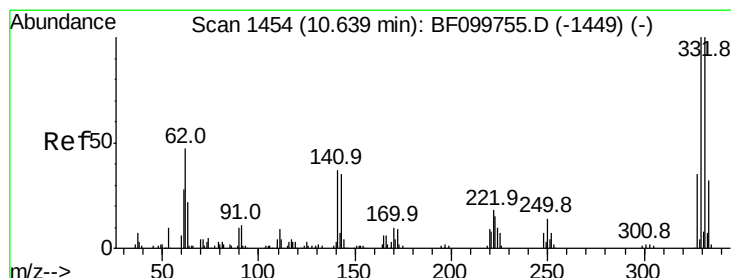
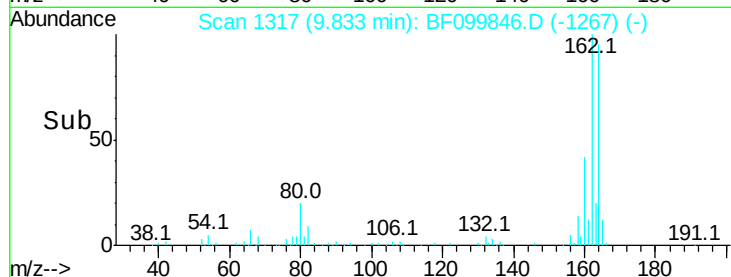
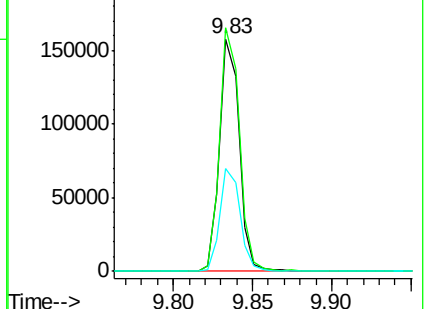
160 44.2 38.3 57.5



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: 82.640 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

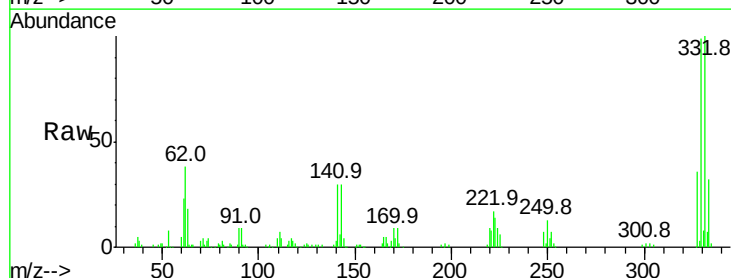
Tgt Ion:330 Resp: 102696

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

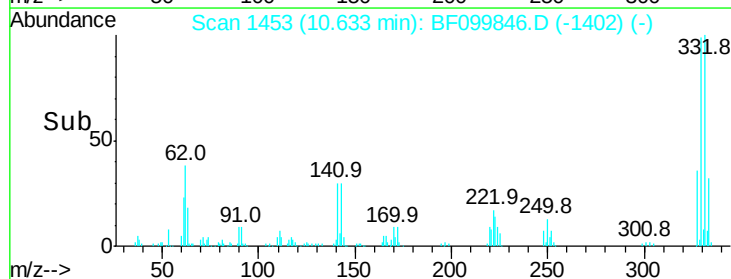
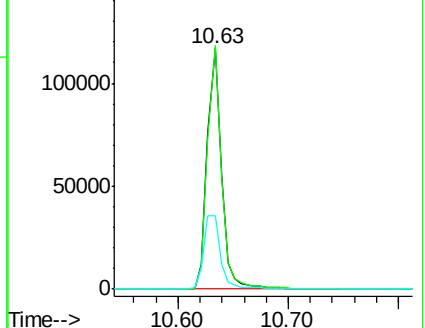
141 35.3 29.9 44.9

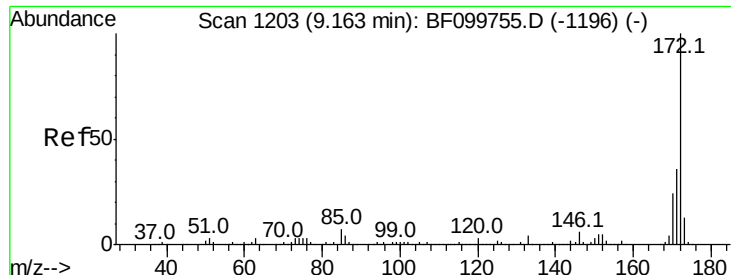


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

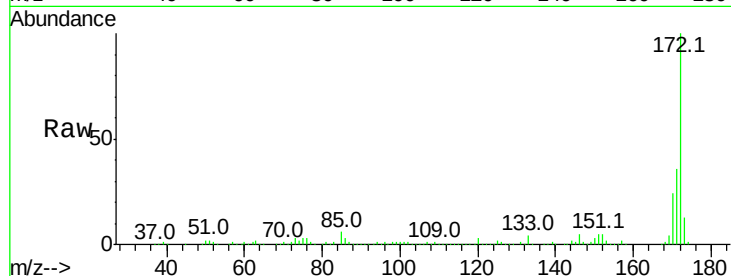




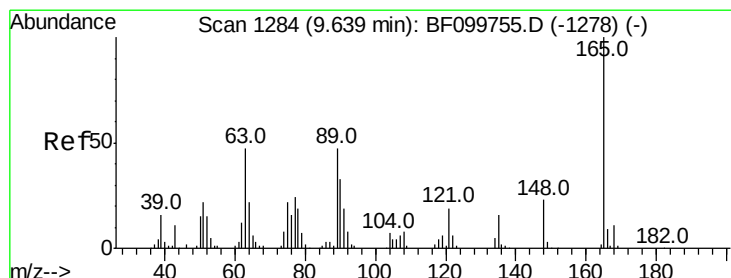
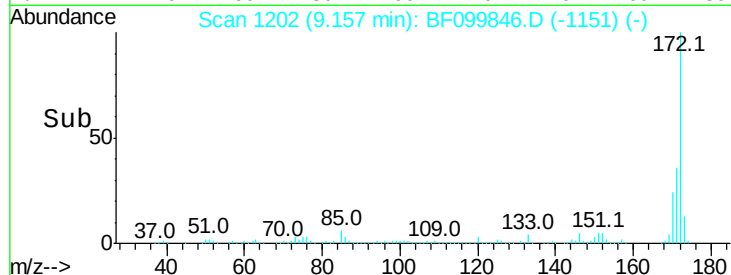
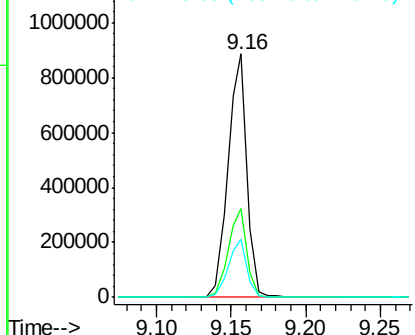
#44
 2-Fluorobiphenyl
 Concen: 90.300 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099846.D
 Acq: 26 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4

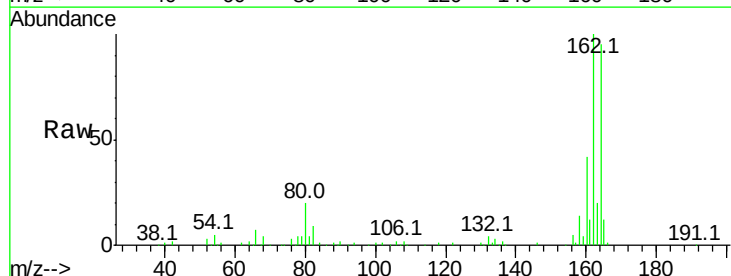


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

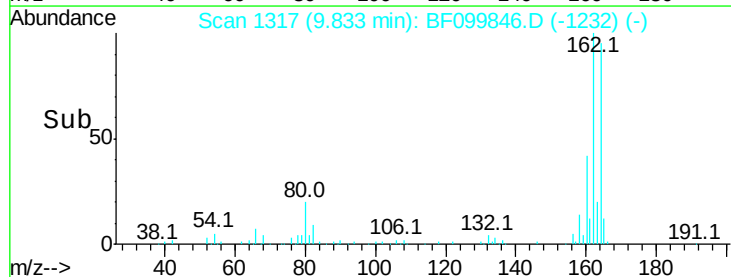
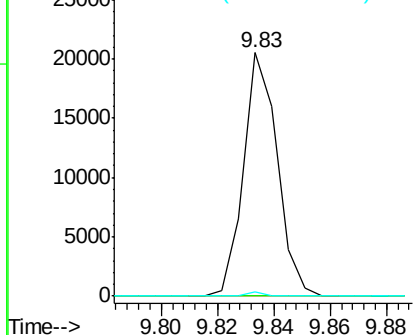


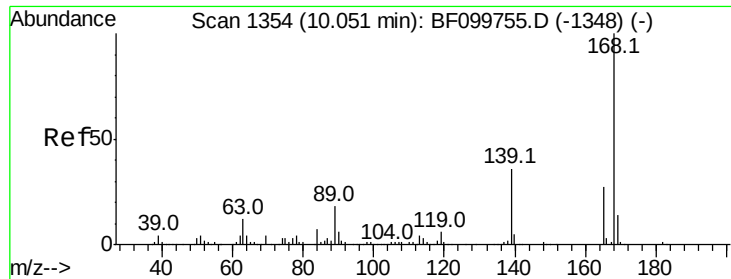
#50
 2,6-Dinitrotoluene
 Concen: 7.505 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099846.D
 Acq: 26 Oct 2017 7:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	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

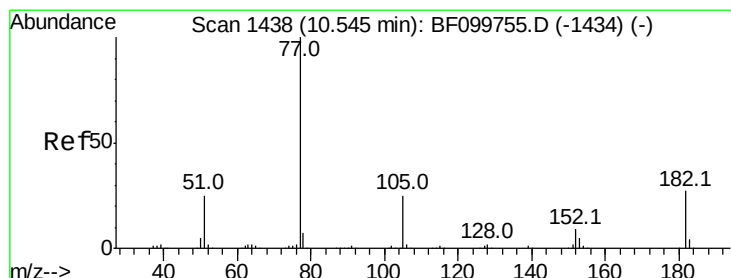
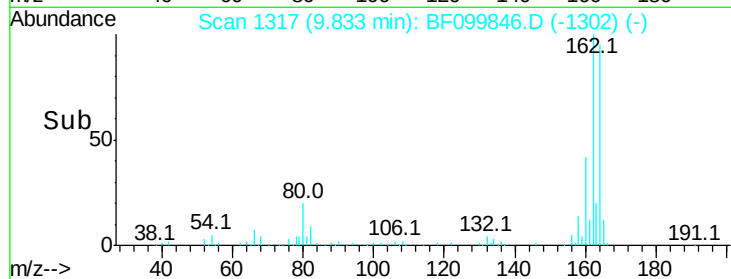
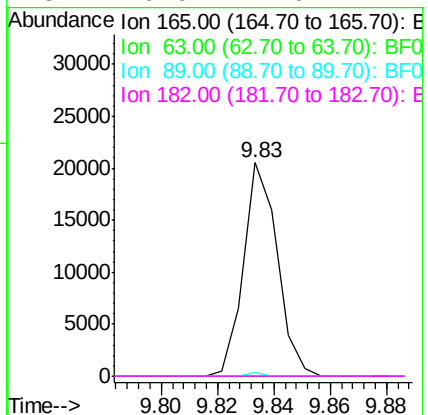
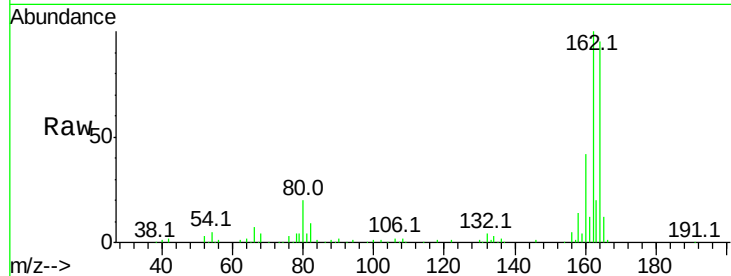




#56
 2,4-Dinitrotoluene
 Concen: 6.232 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099846.D
 Acq: 26 Oct 2017 7:31

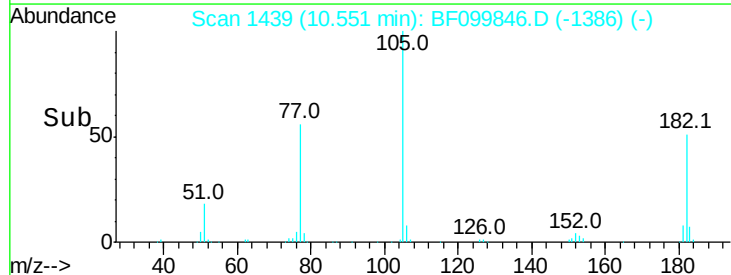
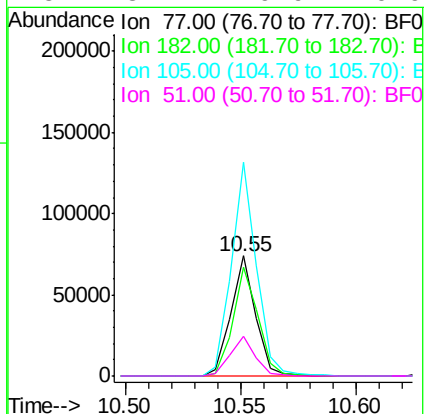
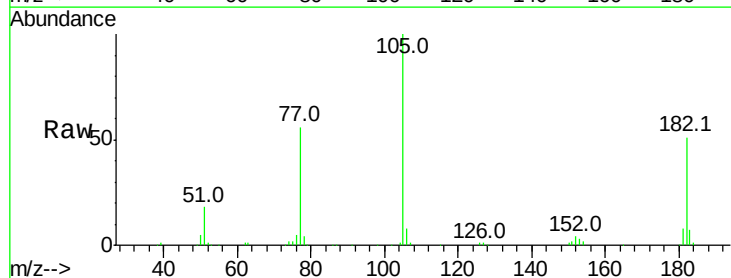
Instrument :
 BNA_F
 ClientSampleId :

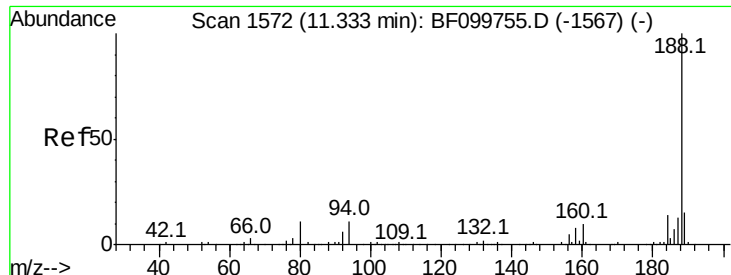
Tot Ion:	165	Resp:	17037
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 6.206 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF099846.D
 Acq: 26 Oct 2017 7:31

Tgt Ion:	77	Resp:	54860
Ion	Ratio	Lower	Upper
77	100		
182	90.5	1.7	41.7#
105	178.3	3.0	43.0#
51	32.7	9.9	49.9

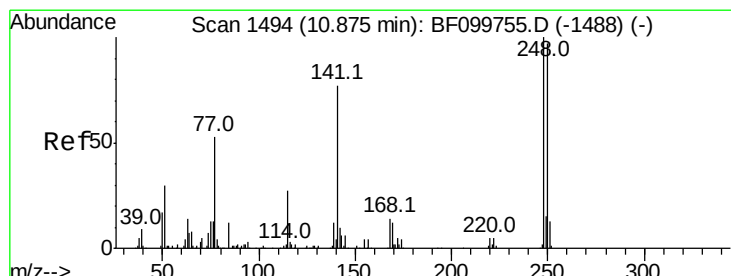
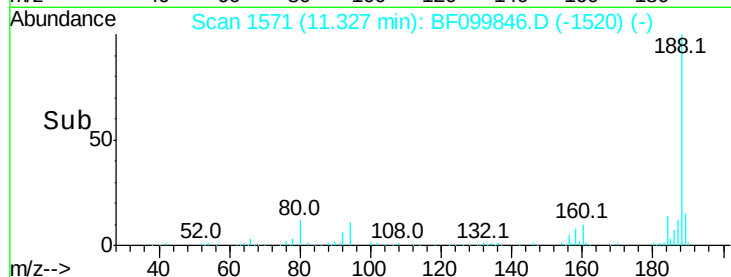
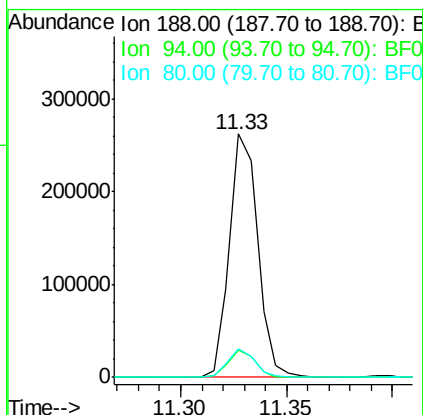
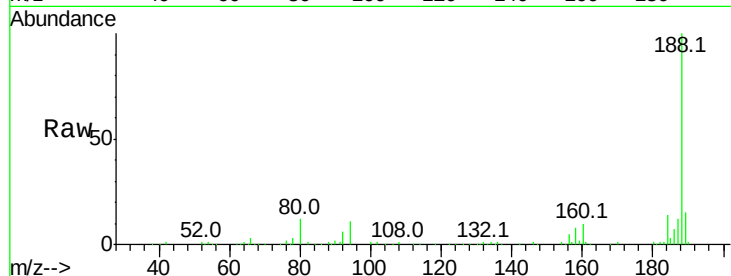




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

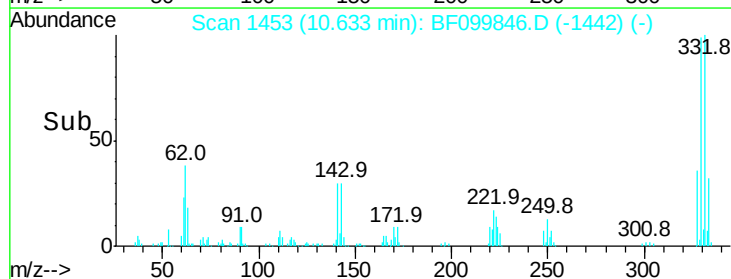
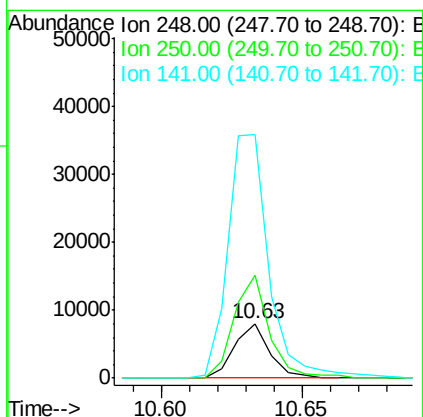
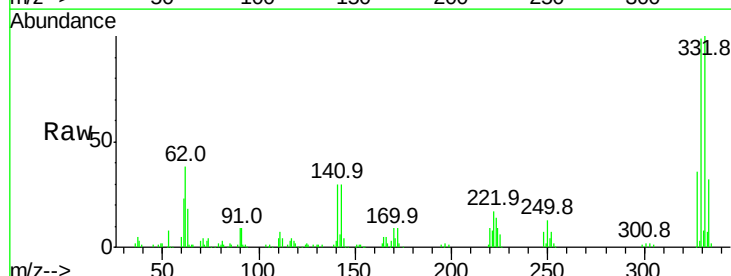
Instrument :
BNA_F
ClientSampleId :

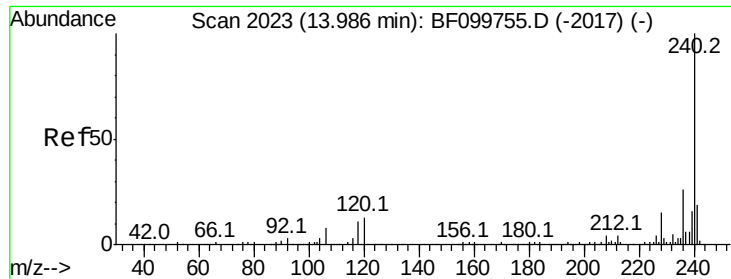
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 2.685 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.2	76.9	115.3#
141	444.8	74.4	111.6#

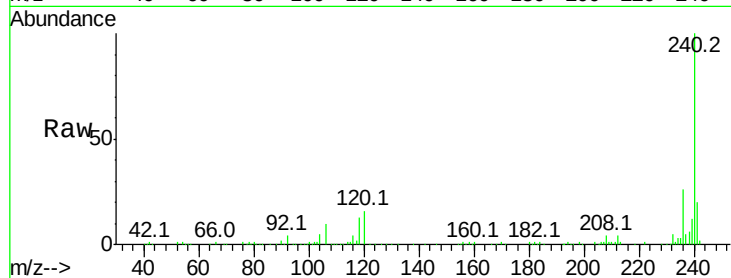




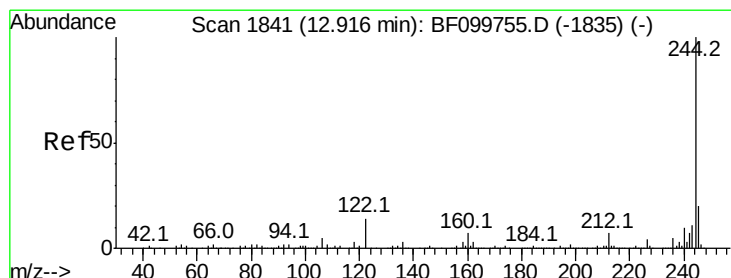
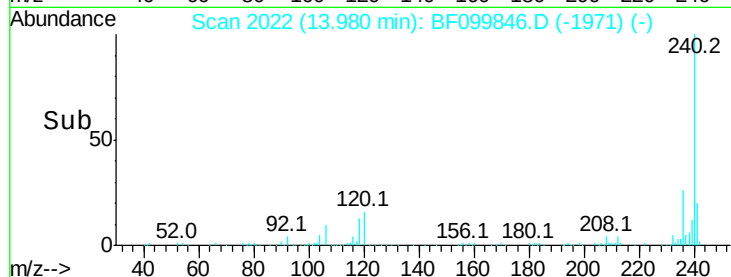
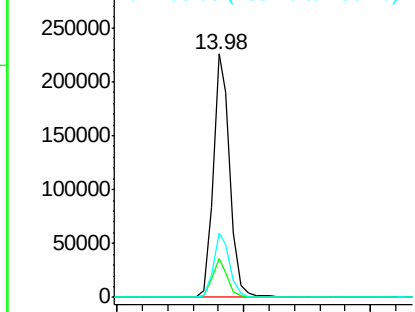
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099846.D
 Acq: 26 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 208473
 Ion Ratio Lower Upper
 240 100
 120 15.8 9.5 14.3#
 236 26.2 20.7 31.1

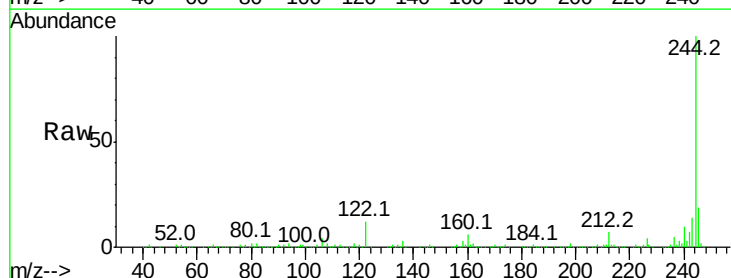


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

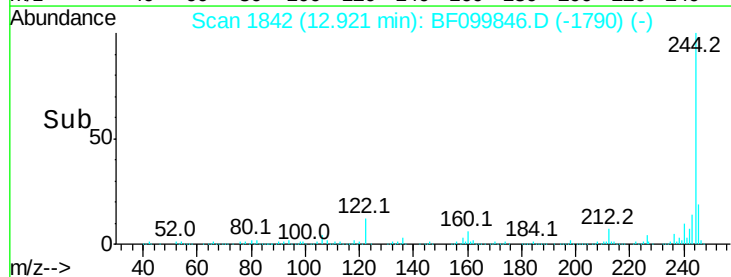
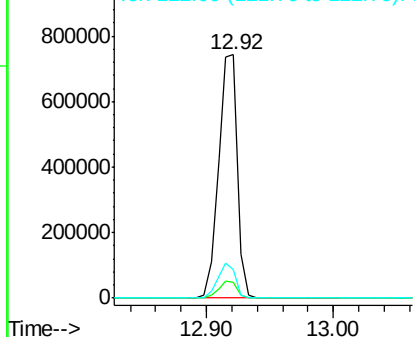


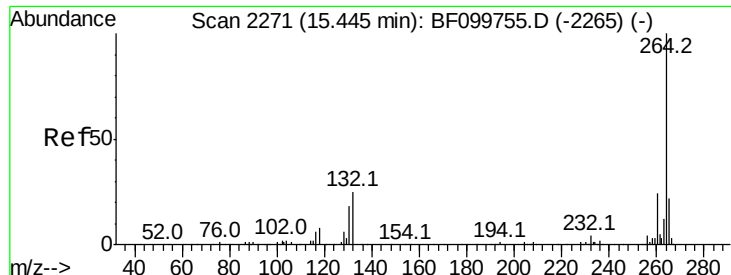
#78
 Terphenyl-d14
 Concen: 80.654 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF099846.D
 Acq: 26 Oct 2017 7:31

Tgt Ion:244 Resp: 769401
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.5 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

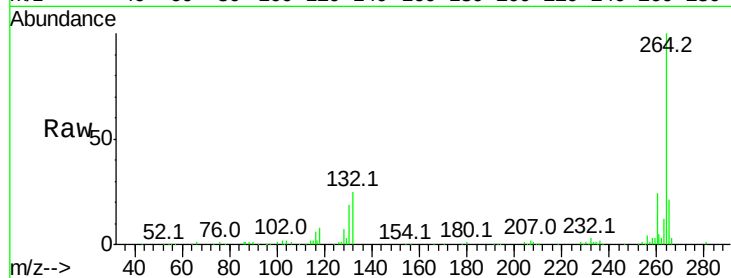




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	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

