

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099918.D
 Acq On : 28 Oct 2017 15:39
 Operator : SJ/JU
 Sample : I6071-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:57:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

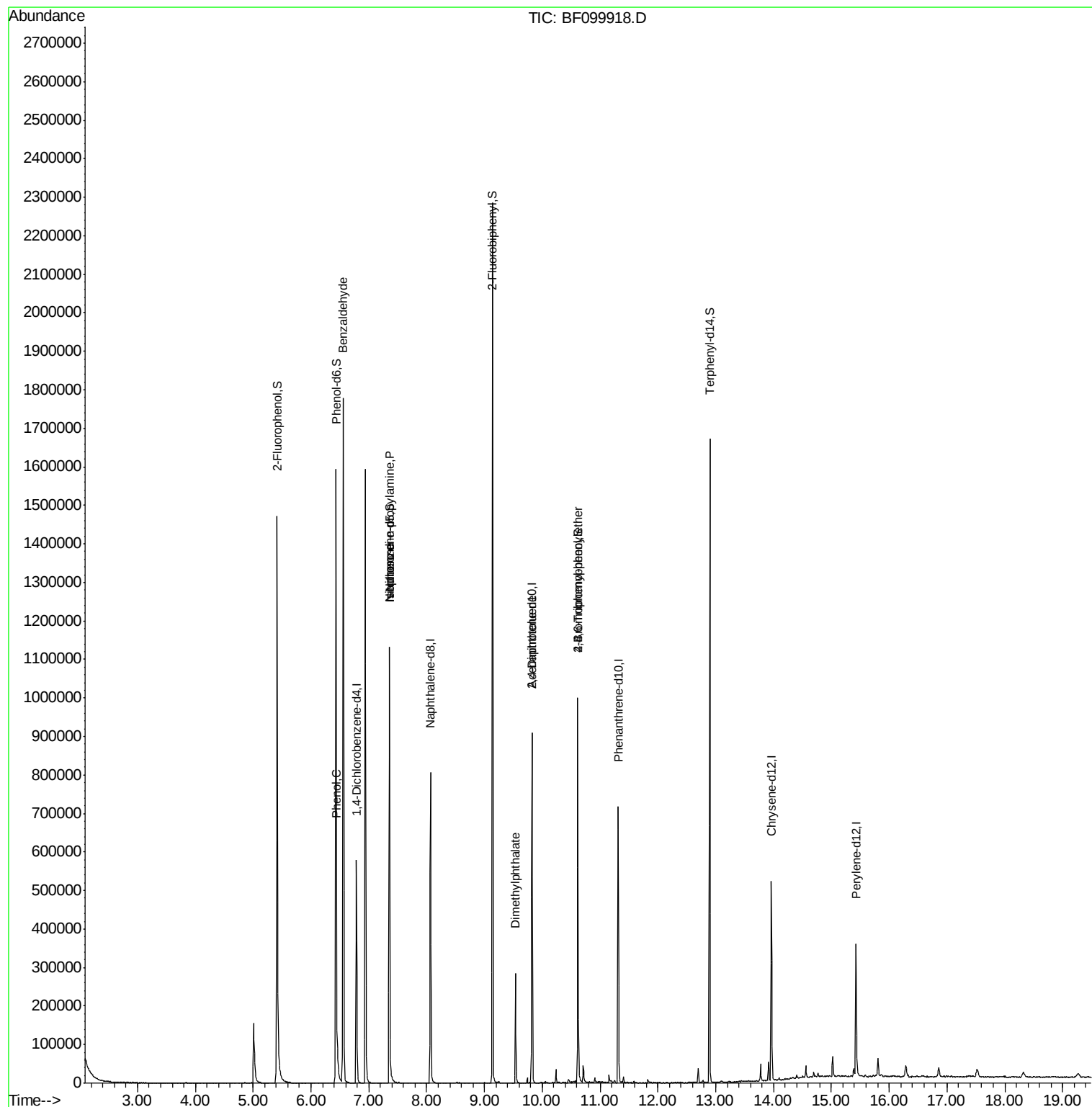
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92598	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	385790	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	173017	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	274587	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	171230	20.00	ng	-0.03
86) Perylene-d12	15.43	264	174319	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	552137	93.61	ng	0.00
7) Phenol-d6	6.43	99	658429	94.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	383543	64.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	123124	78.09	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	809601	72.19	ng	-0.02
78) Terphenyl-d14	12.90	244	556873	71.07	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	9977	2.387	ng	87
10) Phenol	6.45	94	17224	2.243	ng	80
19) n-Nitroso-di-n-propylamine	7.36	70	47016	11.472	ng	# 70
25) Isophorone	7.36	82	383543	35.273	ng	# 64
49) Dimethylphthalate	9.54	163	120362	8.785	ng	100
56) 2,4-Dinitrotoluene	9.82	165	22332	6.438	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	7900	2.733	ng	# 1

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

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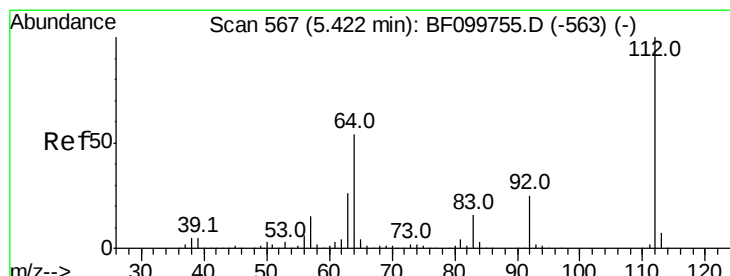
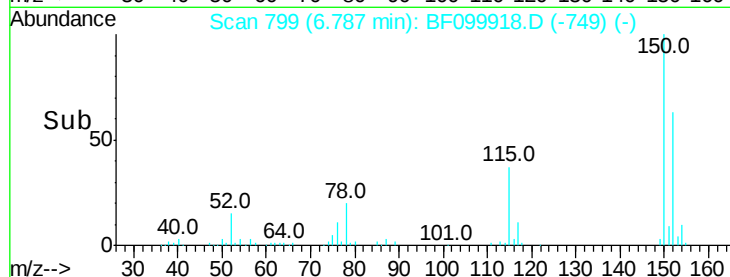
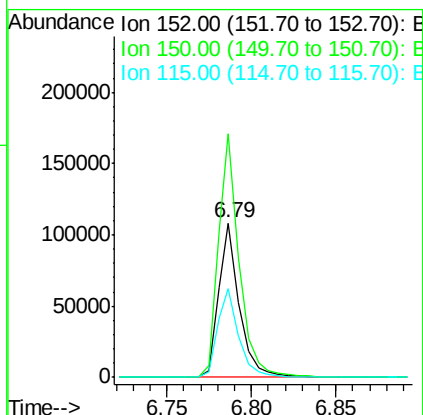
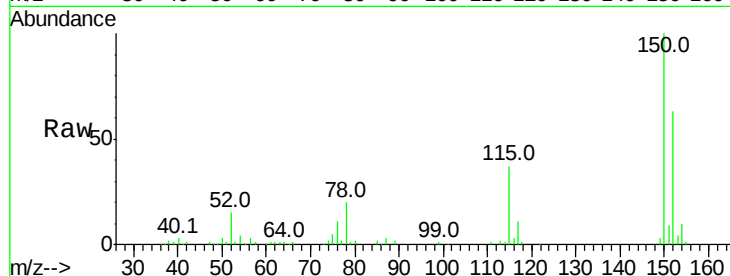


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099918.D
 Acq: 28 Oct 2017 15:39

Instrument :
 BNA_F
 ClientSampled :

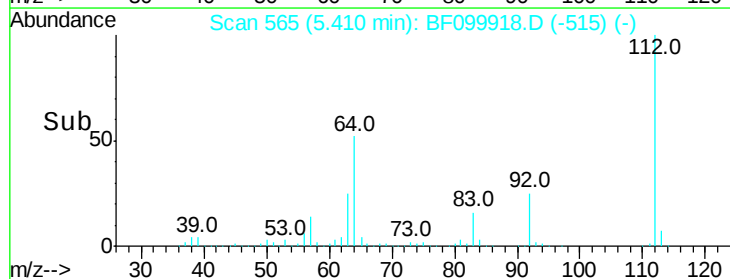
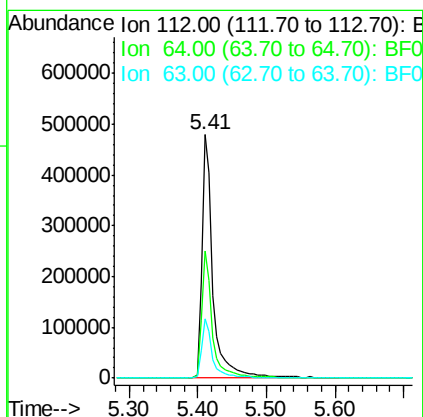
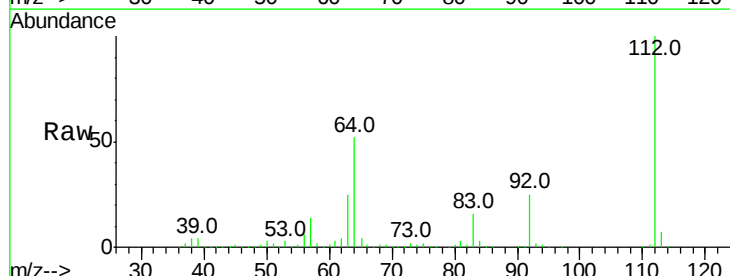
Tot Ion:152 Resp: 92598
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 57.6 50.1 75.1

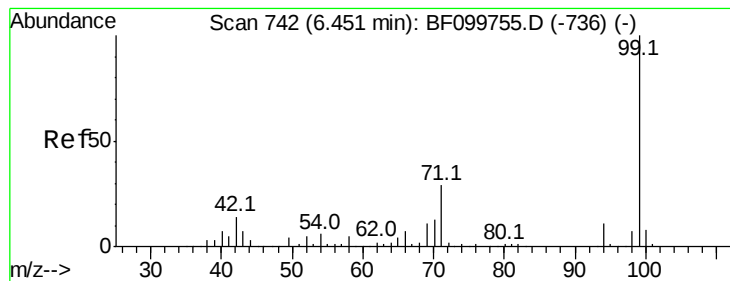


#5

2-Fluorophenol
 Concen: 93.613 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099918.D
 Acq: 28 Oct 2017 15:39

Tgt Ion:112 Resp: 552137
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 24.6 23.7 35.5





#7

Phenol-d6

Concen: 94.149 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099918.D

Acq: 28 Oct 2017 15:39

Instrument :

BNA_F

ClientSampleId :

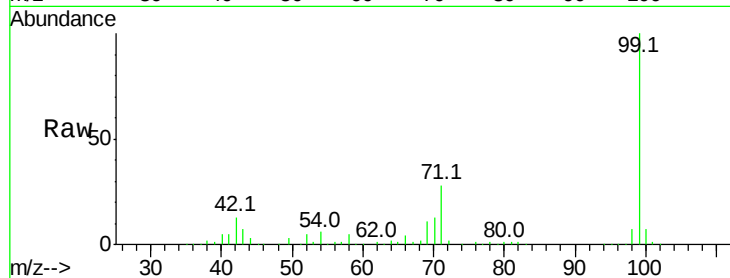
Tot Ion: 99 Resp: 658429

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

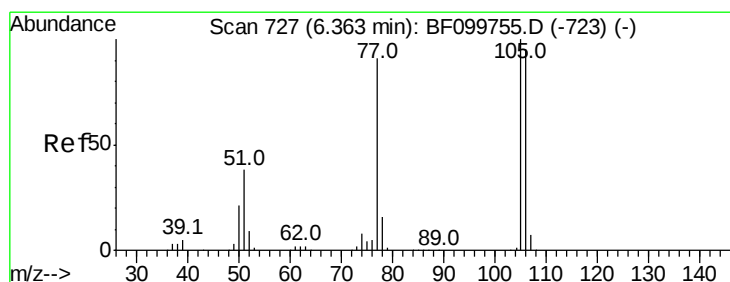
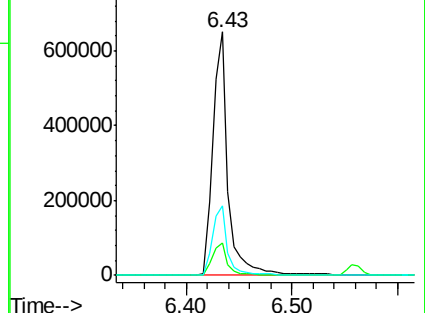
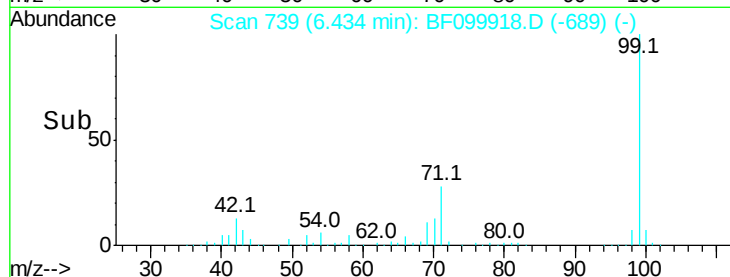
71 28.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.387 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.20 min

Lab File: BF099918.D

Acq: 28 Oct 2017 15:39

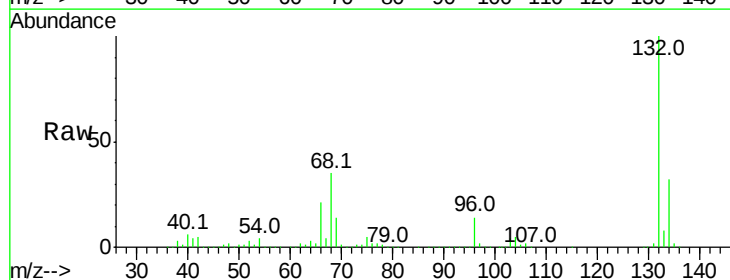
Tgt Ion: 77 Resp: 9977

Ion Ratio Lower Upper

77 100

105 82.1 81.1 121.1

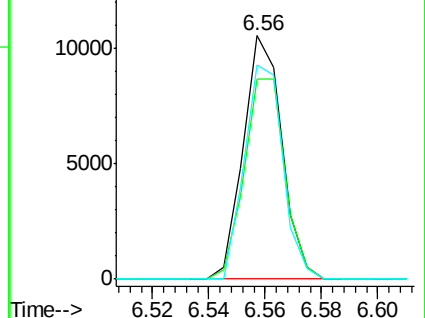
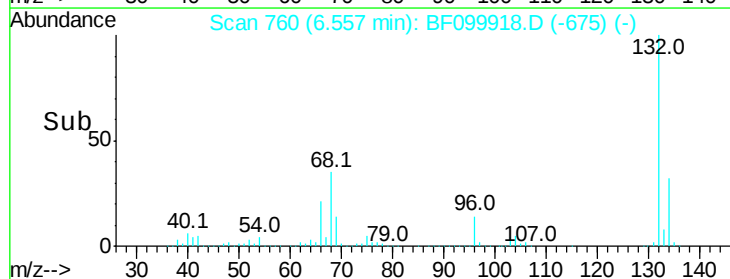
106 87.8 74.5 114.5

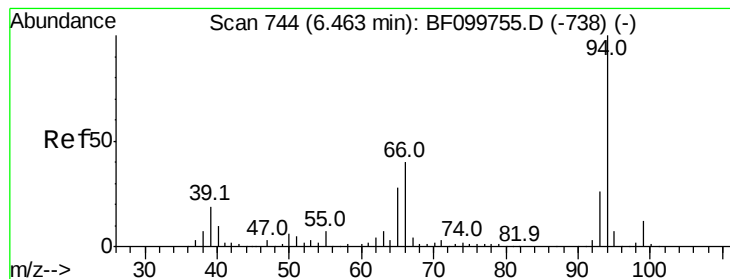


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.243 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099918.D

Acq: 28 Oct 2017 15:39

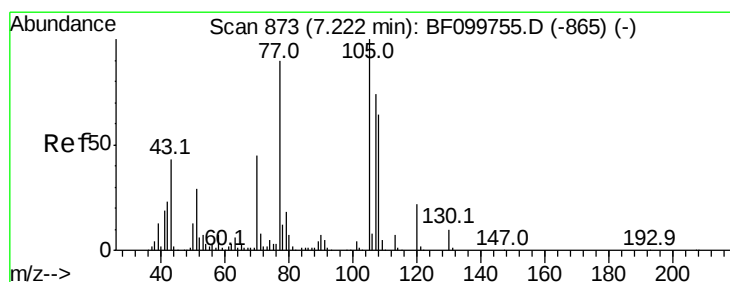
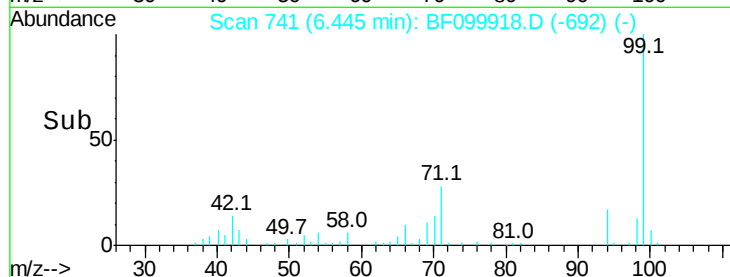
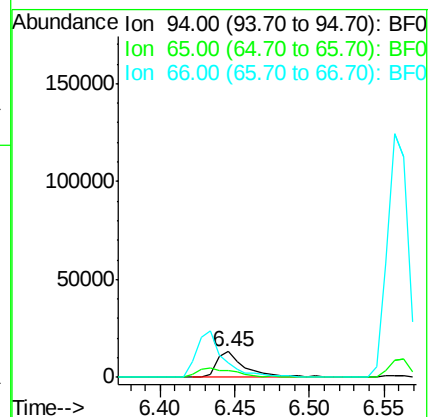
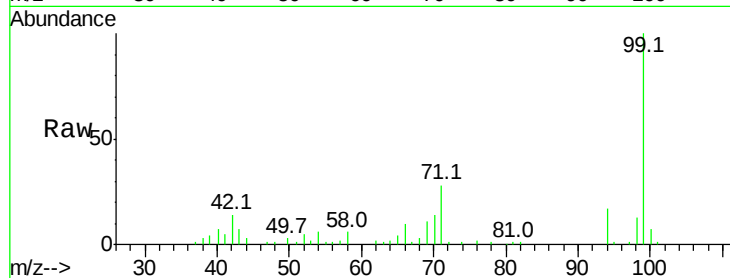
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 17224

Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.9	47.9
66	55.1	16.2	56.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.472 ng

RT: 7.36 min Scan# 896

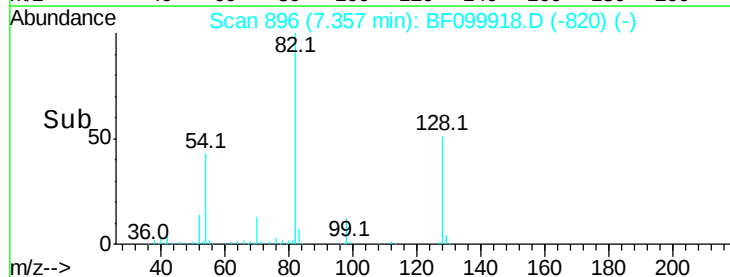
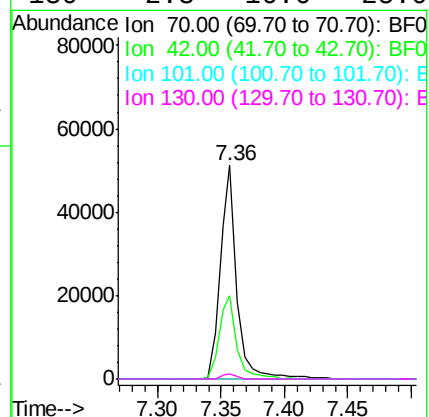
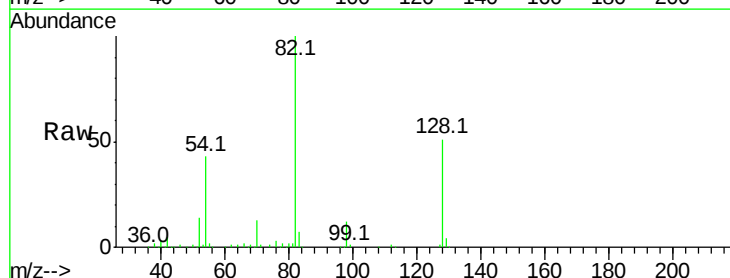
Delta R.T. 0.15 min

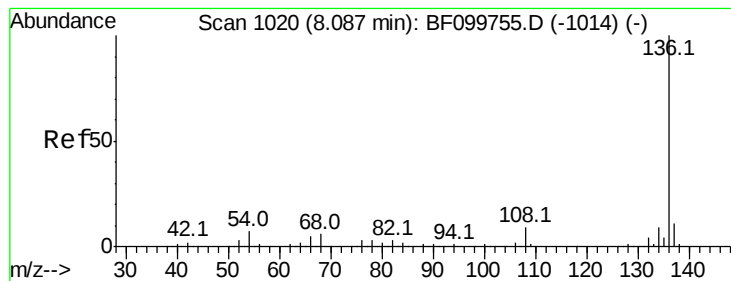
Lab File: BF099918.D

Acq: 28 Oct 2017 15:39

Tgt Ion: 70 Resp: 47016

Ion	Ratio	Lower	Upper
70	100		
42	39.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

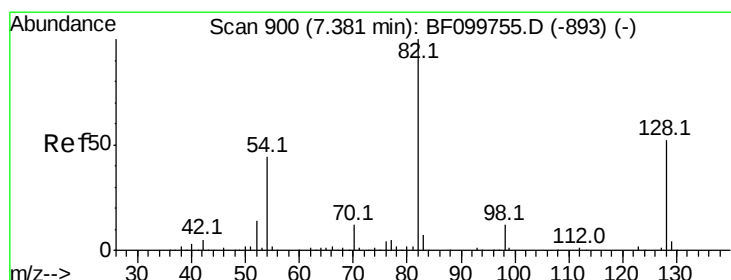
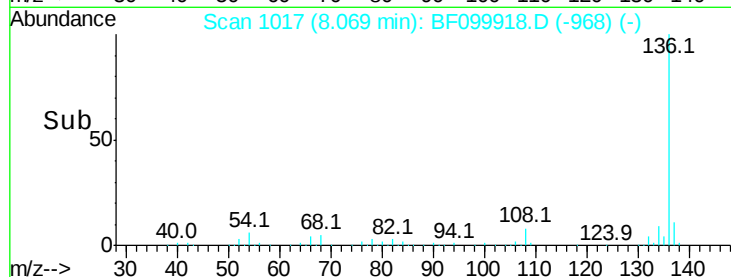
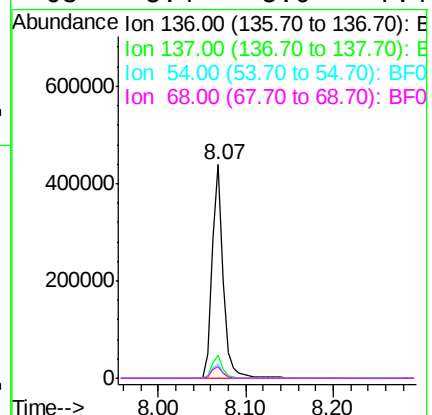
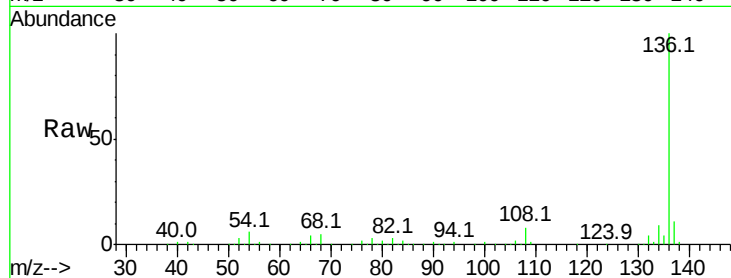




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099918.D
Acq: 28 Oct 2017 15:39

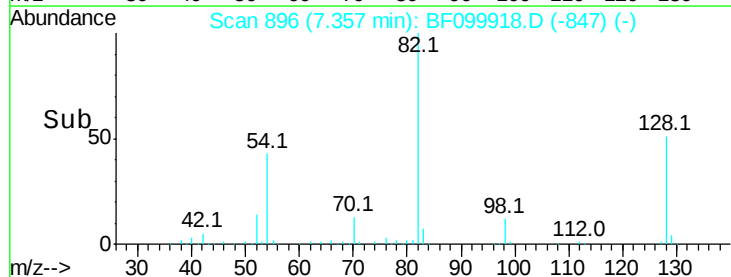
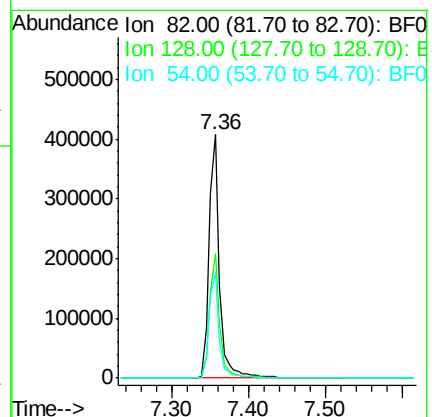
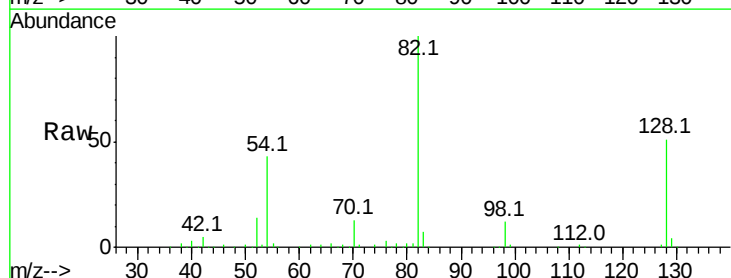
Instrument :
BNA_F
ClientSampleId :

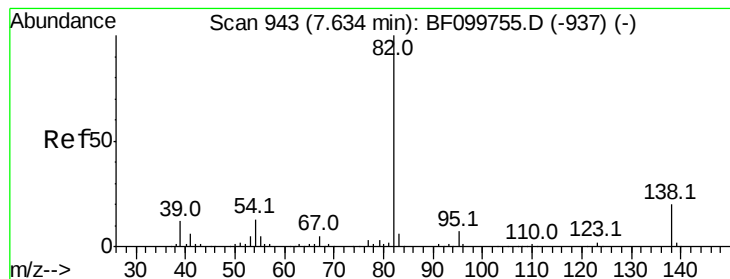
Tot Ion:	136	Resp:	385790
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 64.006 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099918.D
Acq: 28 Oct 2017 15:39

Tgt Ion:	82	Resp:	383543
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	43.4	41.4	62.2





#25

Isophorone

Concen: 35.273 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099918.D

Acq: 28 Oct 2017 15:39

Instrument :

BNA_F

ClientSampleId :

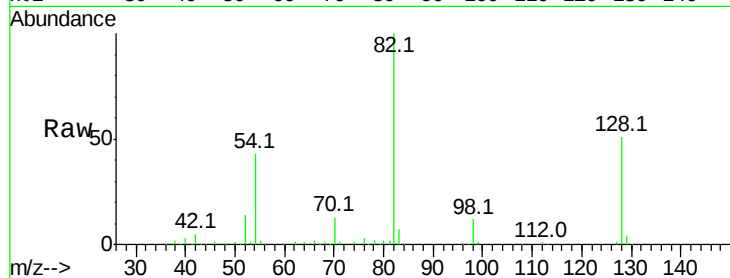
Tot Ion: 82 Resp: 383543

Ion Ratio Lower Upper

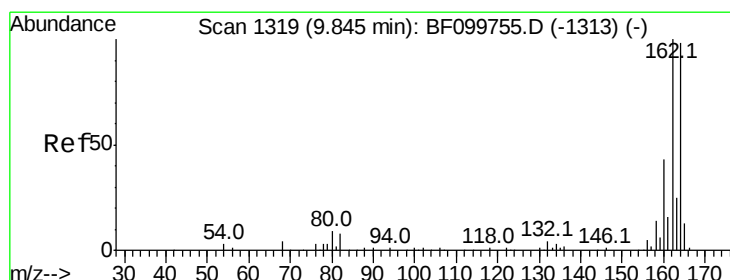
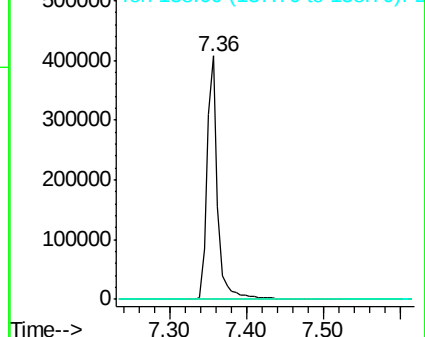
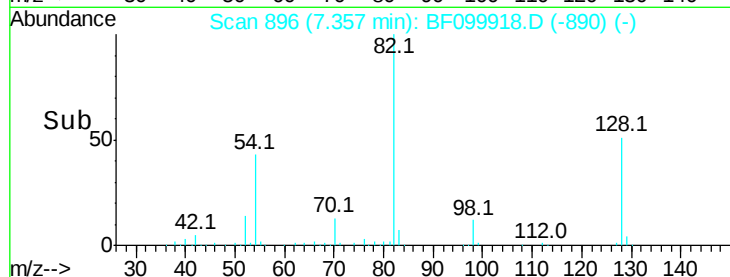
82 100

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: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099918.D

Acq: 28 Oct 2017 15:39

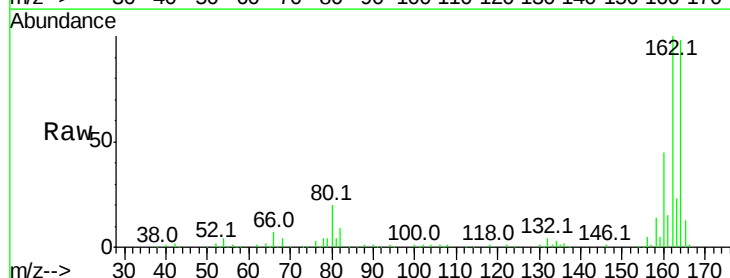
Tgt Ion:164 Resp: 173017

Ion Ratio Lower Upper

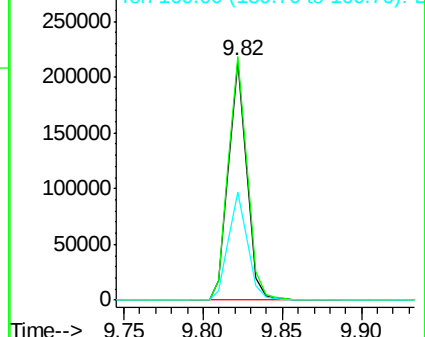
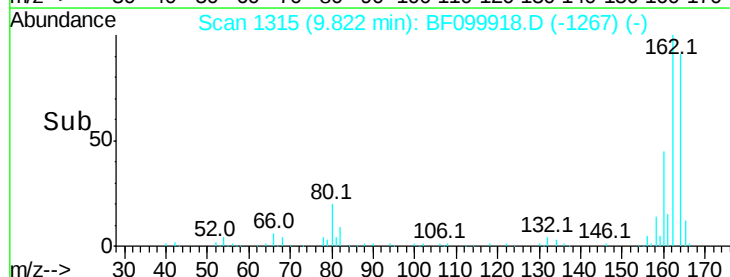
164 100

162 102.0 86.1 129.1

160 45.4 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

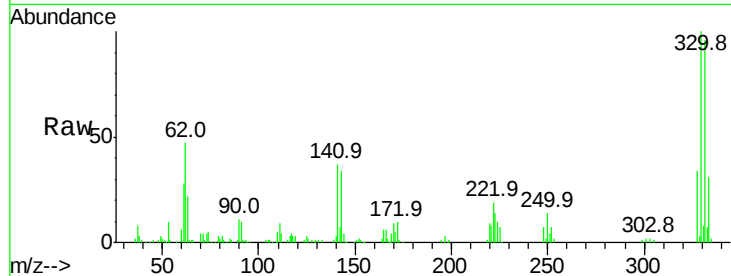




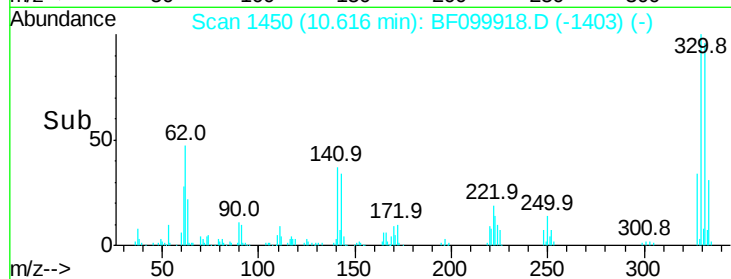
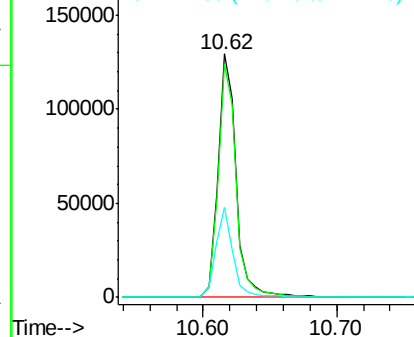
#41
 2,4,6-Tribromophenol
 Concen: 78.088 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099918.D
 Acq: 28 Oct 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.1	29.9	44.9

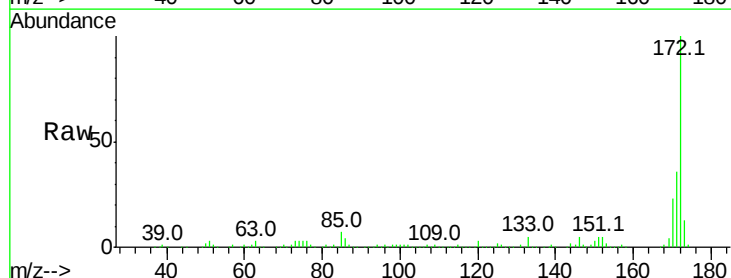


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

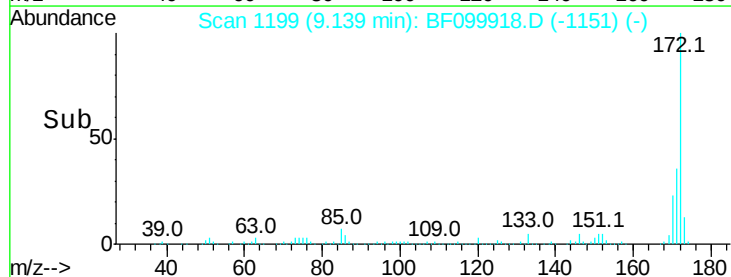
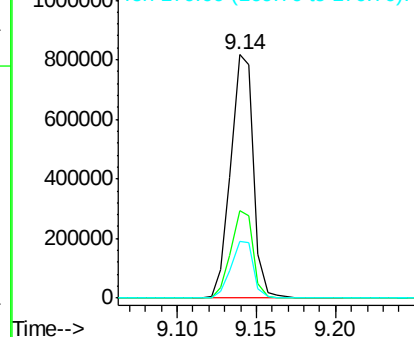


#44
 2-Fluorobiphenyl
 Concen: 72.194 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099918.D
 Acq: 28 Oct 2017 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.3	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: 8.785 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF099918.D

Acq: 28 Oct 2017 15:39

Instrument :

BNA_F

ClientSampleId :

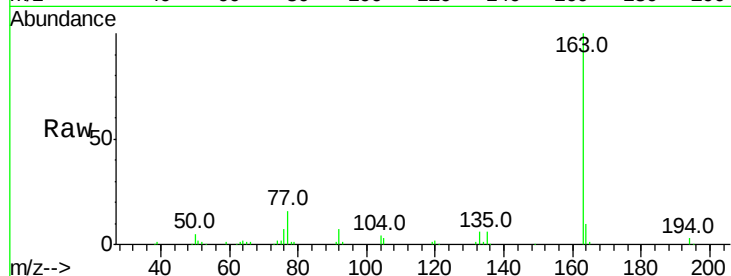
Tot Ion:163 Resp: 120362

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

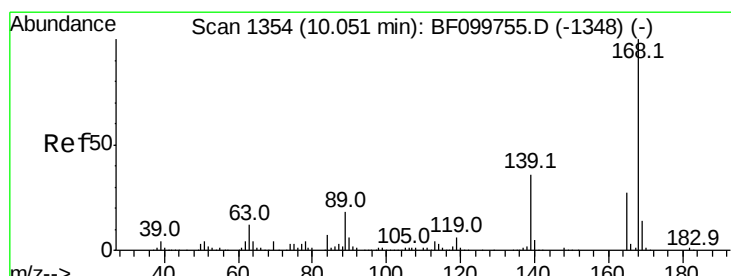
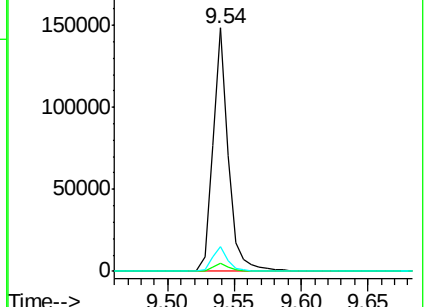
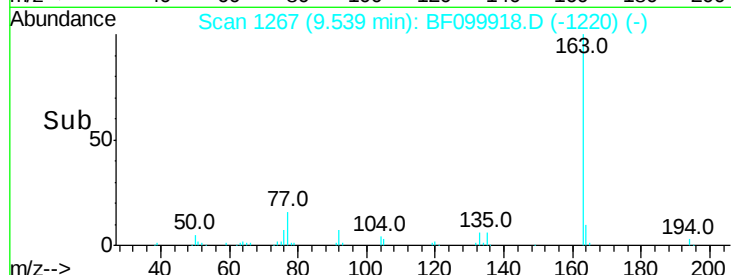
164 10.0 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.438 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.23 min

Lab File: BF099918.D

Acq: 28 Oct 2017 15:39

Tgt Ion:165 Resp: 22332

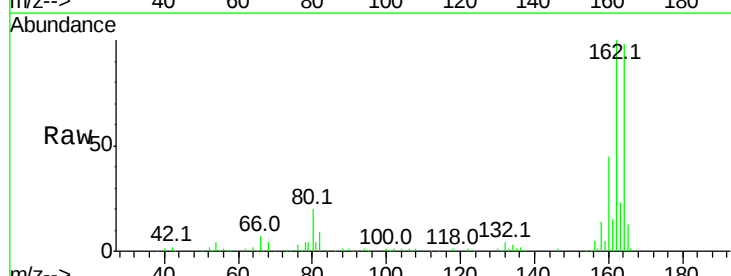
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

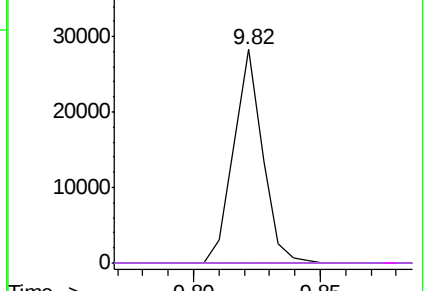
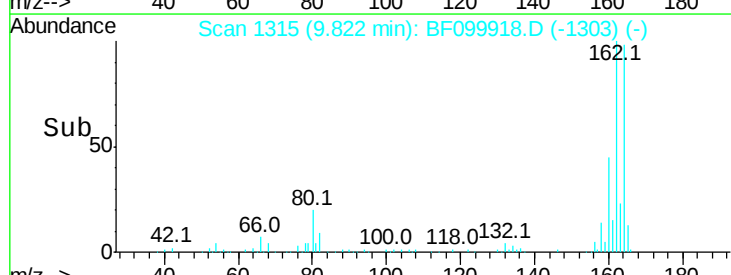


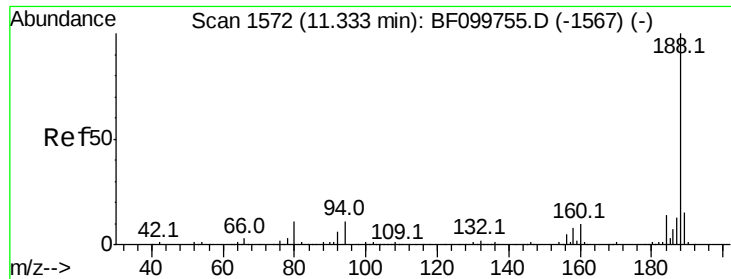
Abundance Ion 165.00 (164.70 to 165.70): E

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

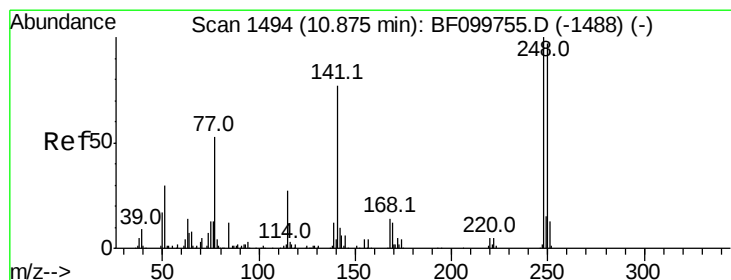
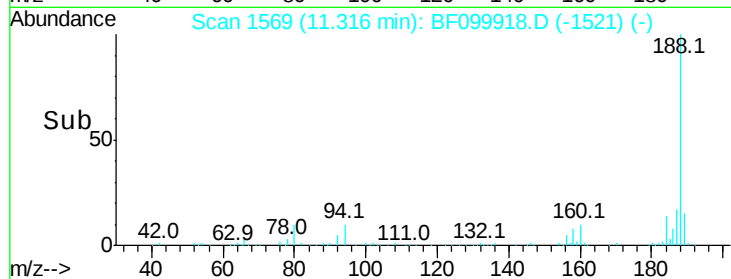
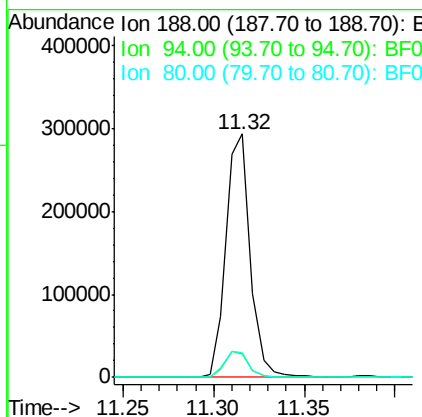
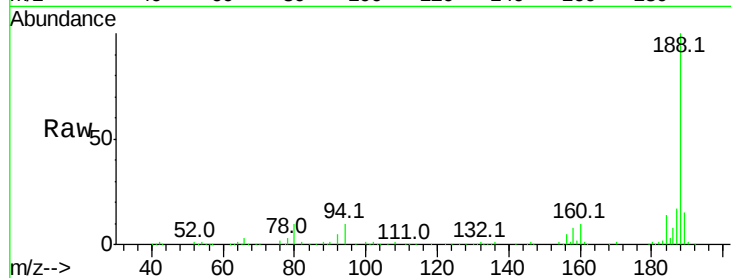




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099918.D
 Acq: 28 Oct 2017 15:39

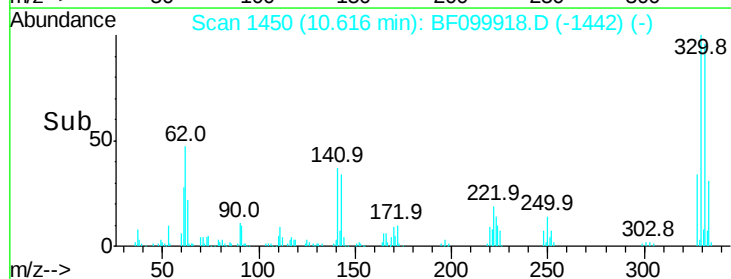
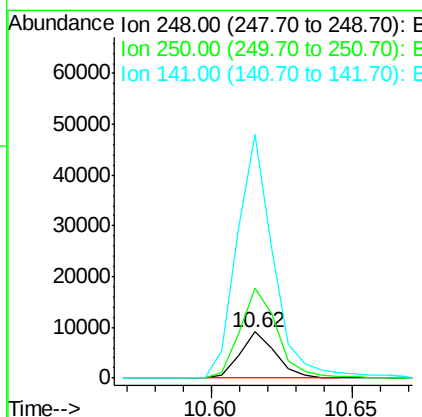
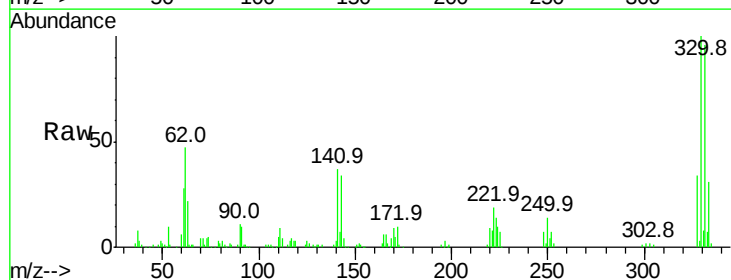
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.1	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.733 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099918.D
 Acq: 28 Oct 2017 15:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.1	76.9	115.3#
141	529.8	74.4	111.6#

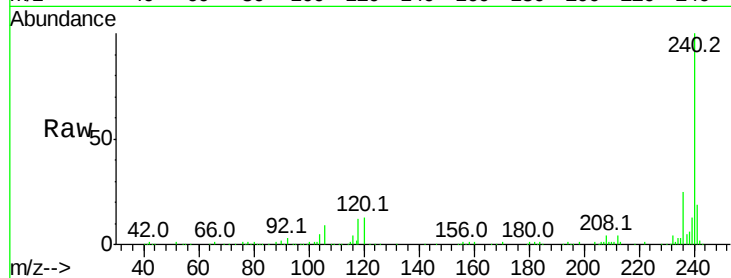




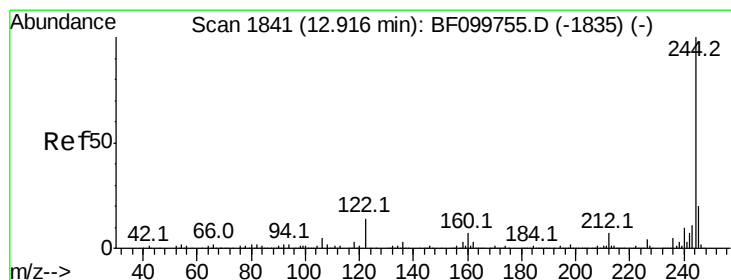
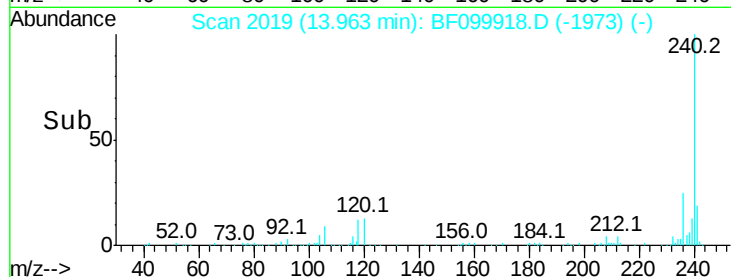
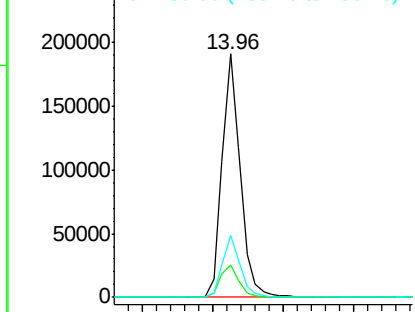
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099918.D
Acq: 28 Oct 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 171230
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.2 20.7 31.1

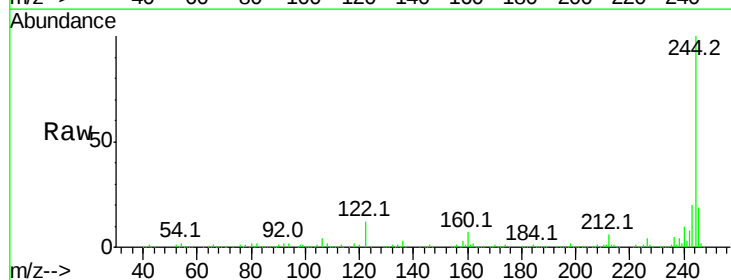


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

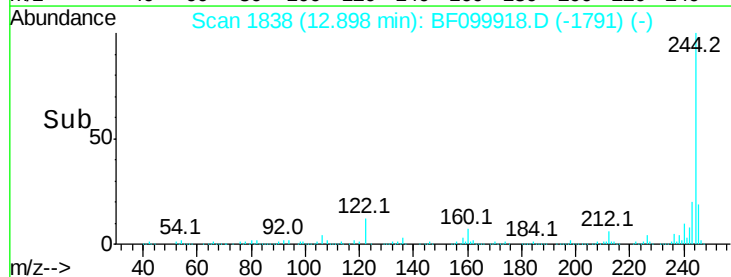
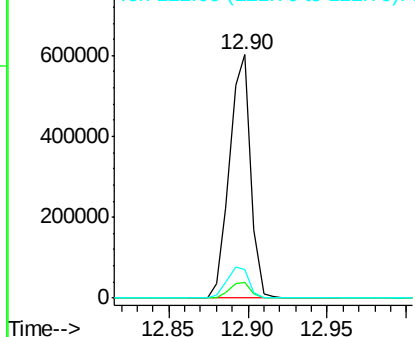


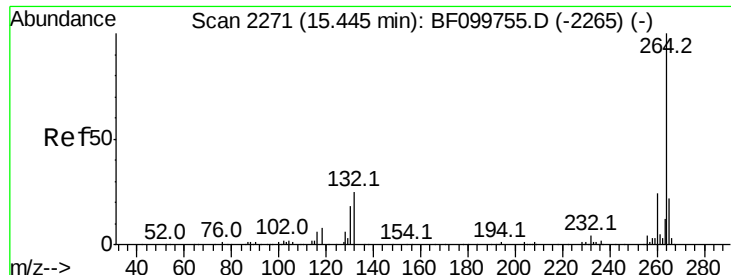
#78
Terphenyl-d14
Concen: 71.072 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099918.D
Acq: 28 Oct 2017 15:39

Tgt Ion:244 Resp: 556873
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 11.8 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

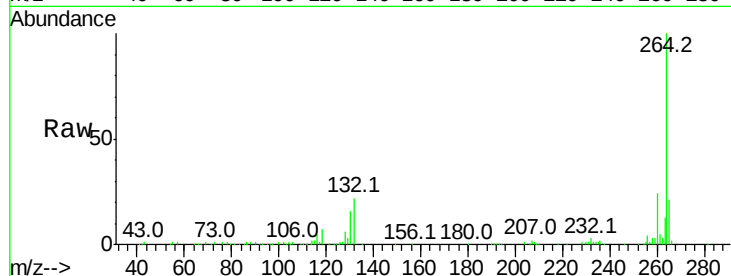




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.03 min
 Lab File: BF099918.D
 Acq: 28 Oct 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

