

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100066.D
 Acq On : 2 Nov 2017 1:00
 Operator : SJ/JU
 Sample : I6079-14 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:42:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	68807	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	280527	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	119783	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	188829	20.00	ng	0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	123144	28.10	ng	0.01
7) Phenol-d6	6.43	99	156383	30.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	84257	19.34	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	29295	26.84	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	186501	24.02	ng	0.00
78) Terphenyl-d14	13.02	244	118573	0.00	ng	0.12

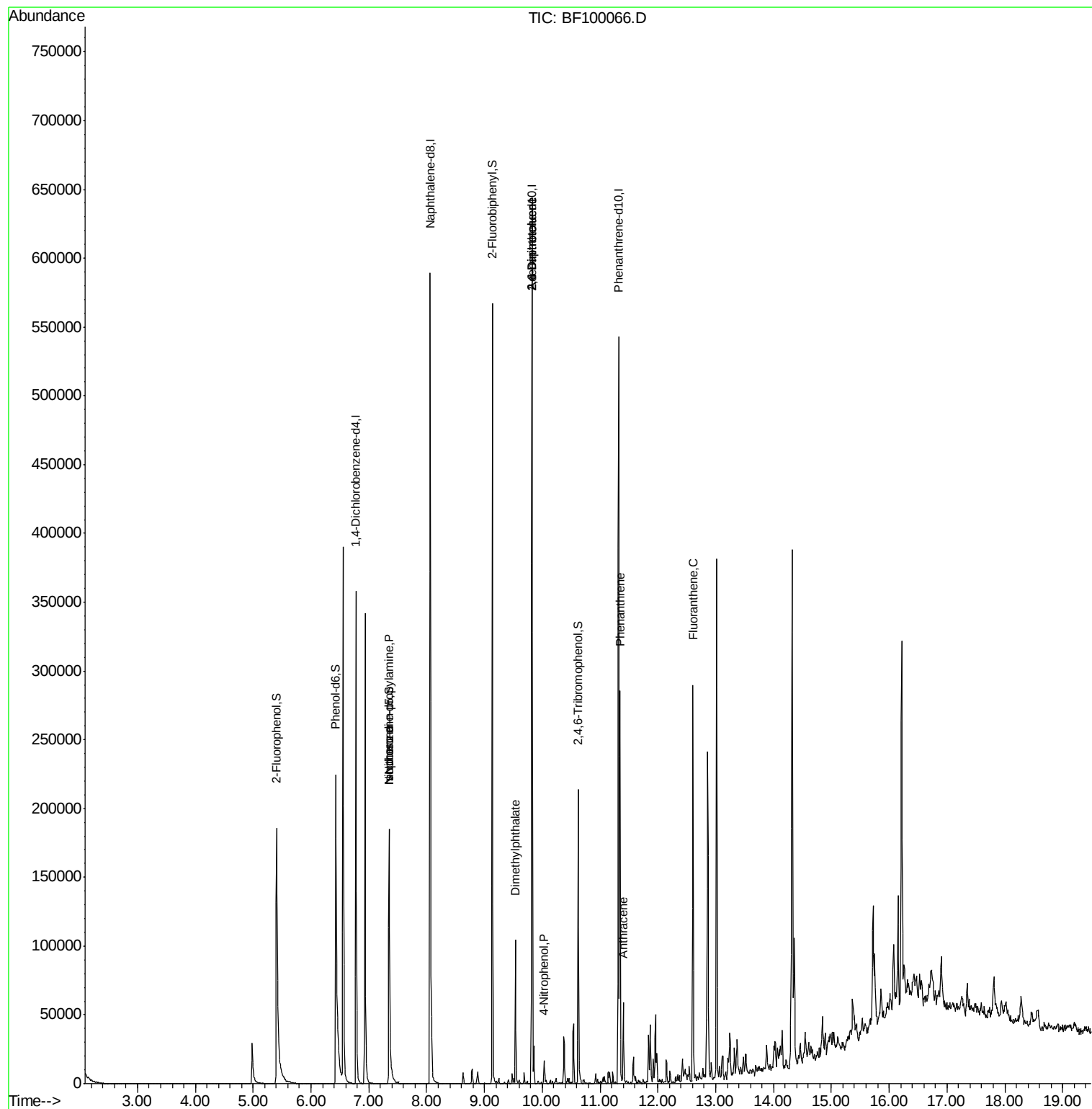
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	9949	3.267	ng	# 69
25) Isophorone	7.35	82	84257	10.656	ng	# 64
49) Dimethylphthalate	9.54	163	49053	5.171	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	15327	7.686	ng	# 24
55) 4-Nitrophenol	10.03	139	3424	2.789	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	15327	6.382	ng	# 21
70) Phenanthrene	11.35	178	105062	9.859	ng	# 98
71) Anthracene	11.40	178	27428	2.536	ng	# 97
74) Fluoranthene	12.60	202	121883	11.006	ng	# 99

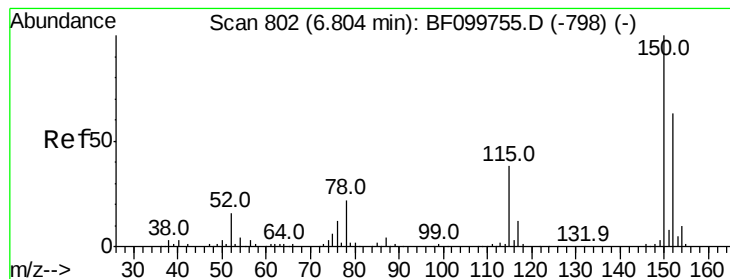
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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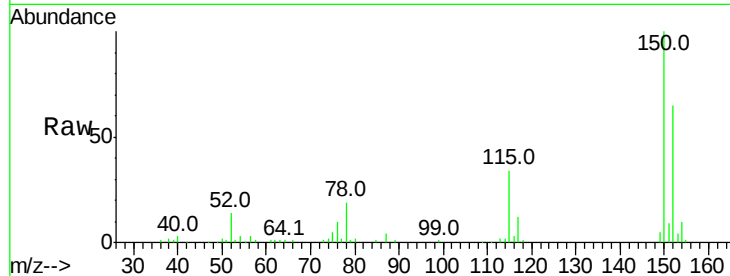


#1

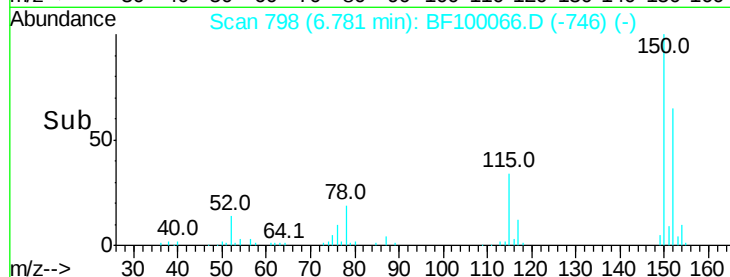
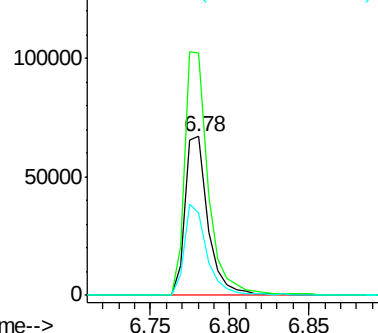
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 68807
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.6 186.8
 115 51.9 50.1 75.1



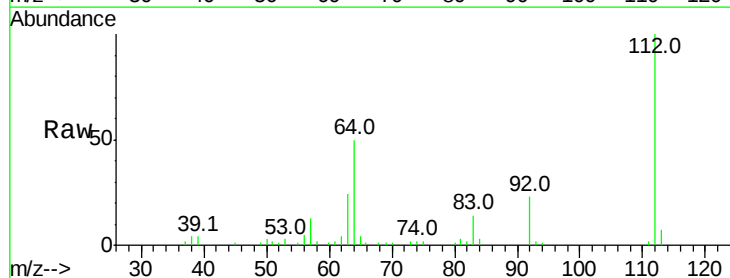
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



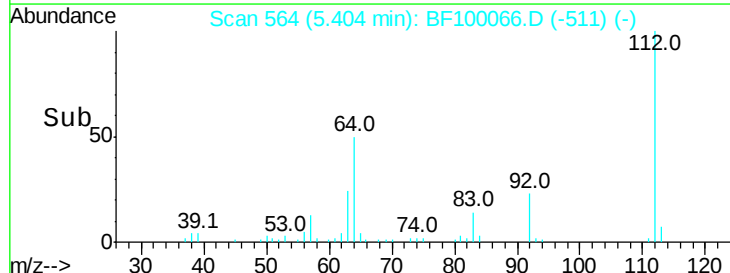
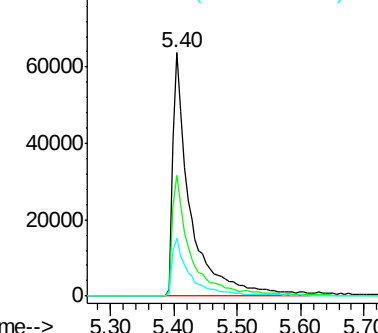
#5

2-Fluorophenol
 Concen: 28.098 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Tgt Ion:112 Resp: 123144
 Ion Ratio Lower Upper
 112 100
 64 49.6 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): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 30.093 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

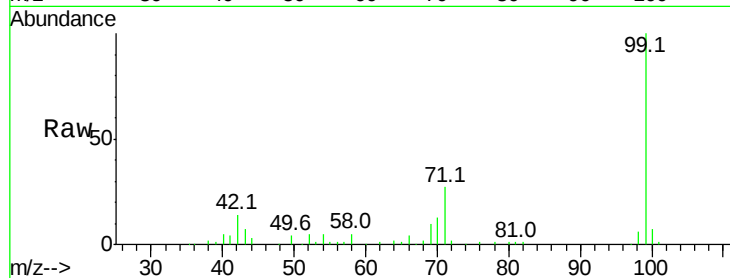
Instrument :

BNA_F

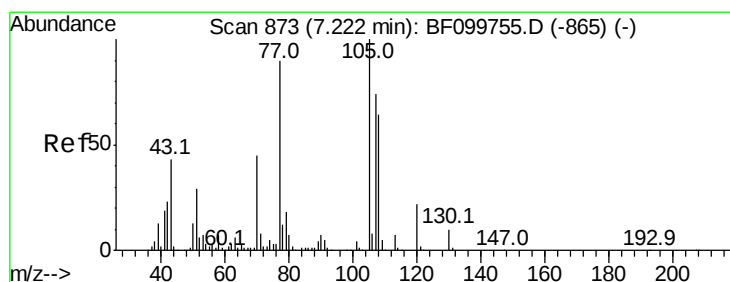
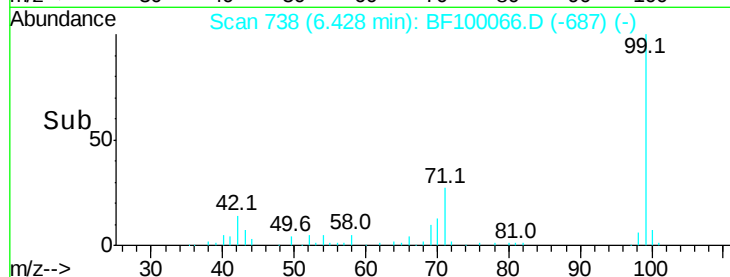
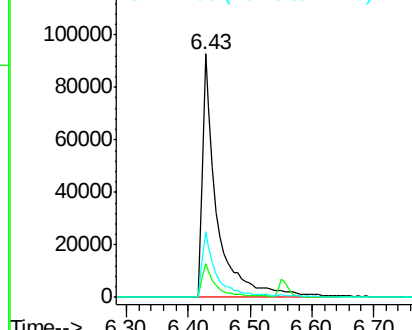
ClientSampleId :

Tot Ion: 99 Resp: 156383

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	27.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 3.267 ng

RT: 7.35 min Scan# 895

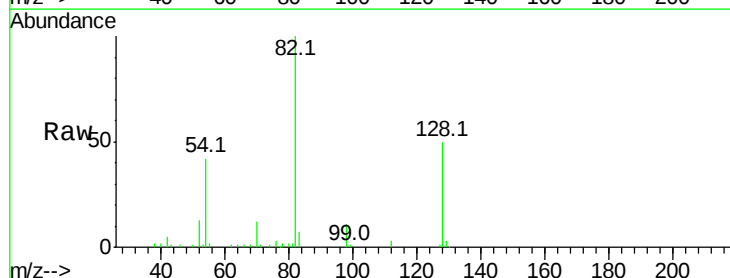
Delta R.T. 0.16 min

Lab File: BF100066.D

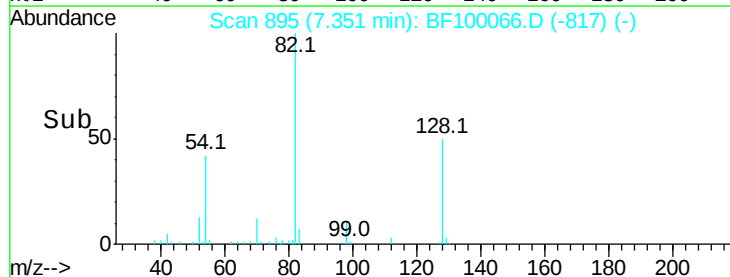
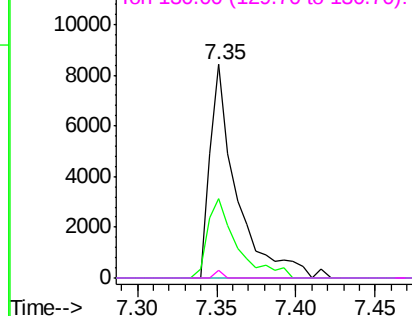
Acq: 2 Nov 2017 1:00

Tgt Ion: 70 Resp: 9949

Ion	Ratio	Lower	Upper
70	100		
42	37.0	47.5	71.3#
101	0.0	7.4	11.2#
130	3.8	16.6	25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

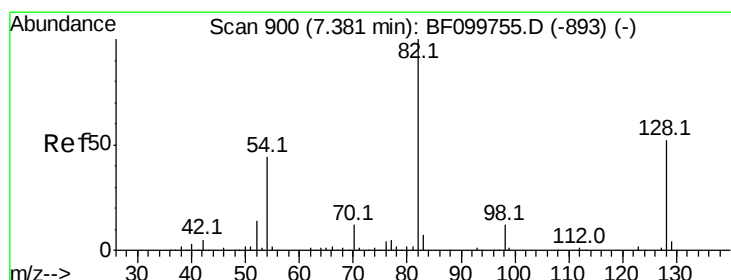
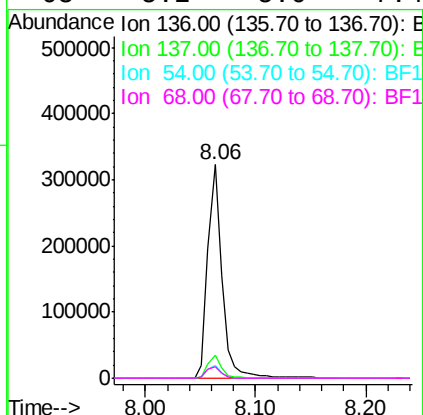
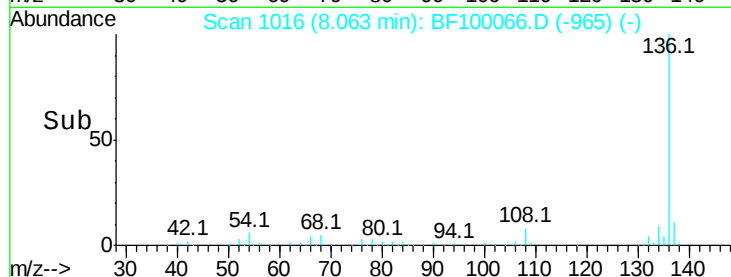
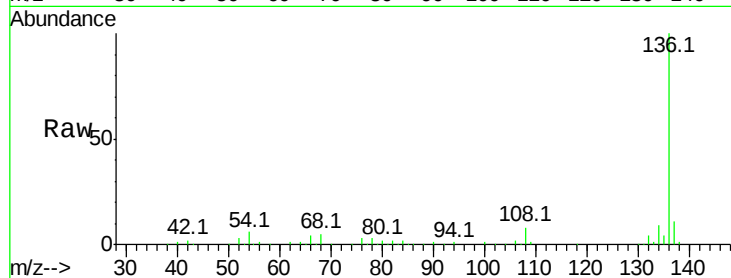




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

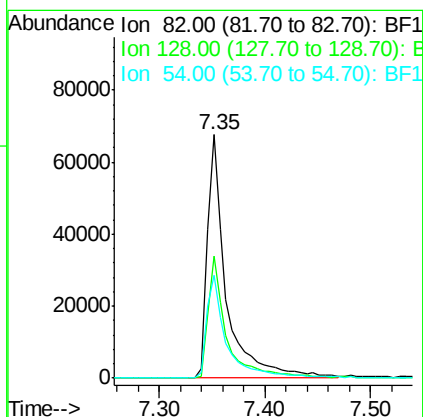
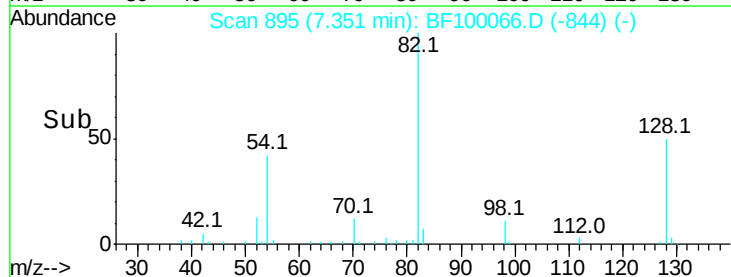
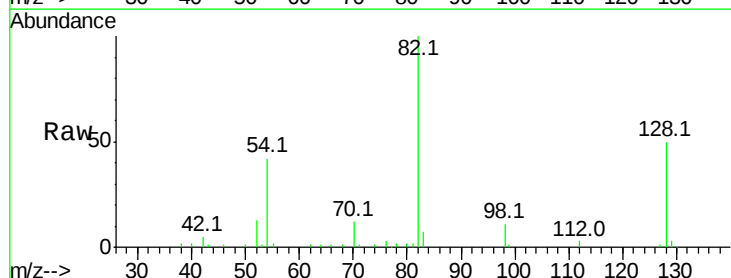
Instrument :
BNA_F
ClientSampleId :

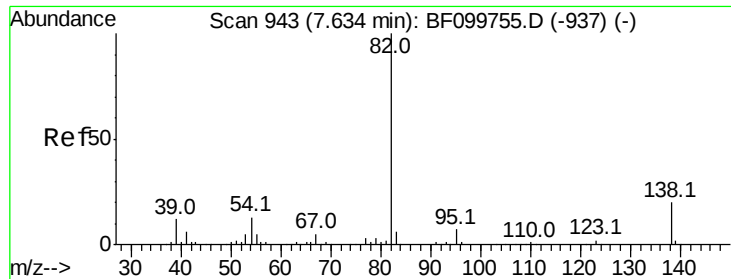
Tot Ion:	136	Resp:	280527
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	5.9	6.6	9.8#
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 19.337 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:	82	Resp:	84257
Ion Ratio	Lower	Upper	
82	100		
128	50.3	36.1	54.1
54	42.4	41.4	62.2





#25

Isophorone

Concen: 10.656 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

Instrument :

BNA_F

ClientSampleId :

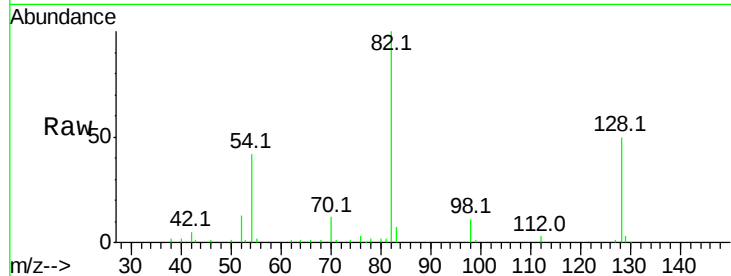
Tot Ion: 82 Resp: 84257

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

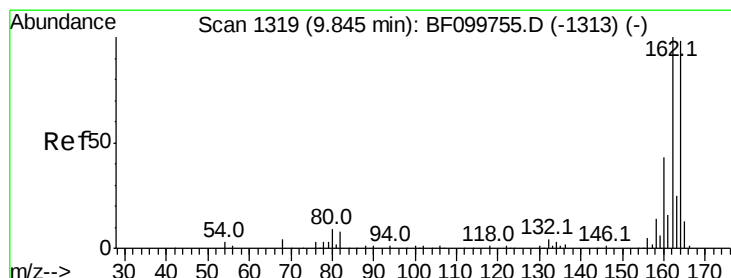
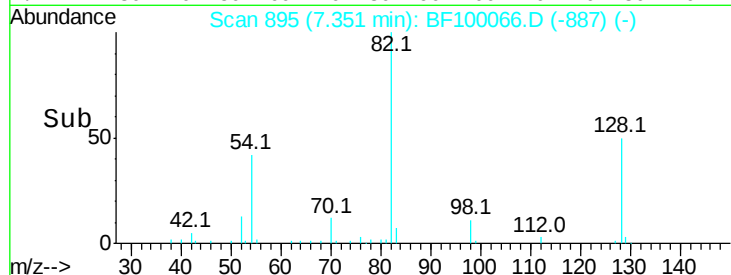
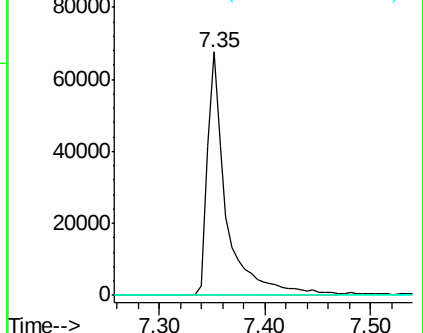
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

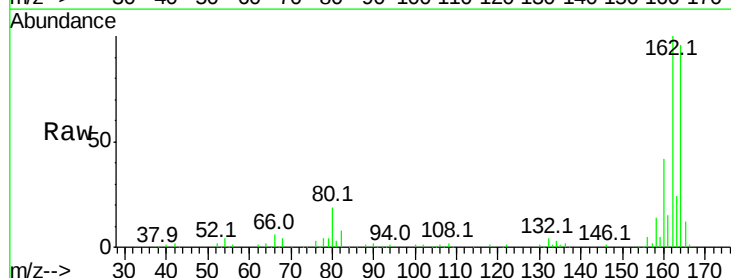
Tgt Ion: 164 Resp: 119783

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

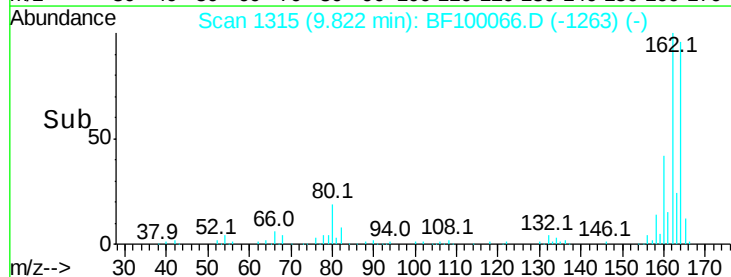
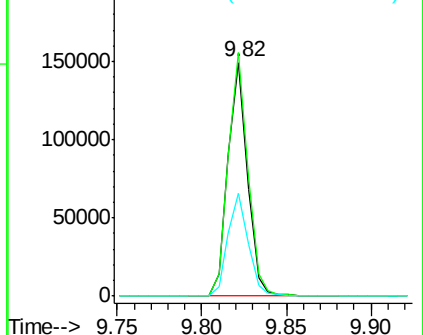
160 44.2 38.3 57.5

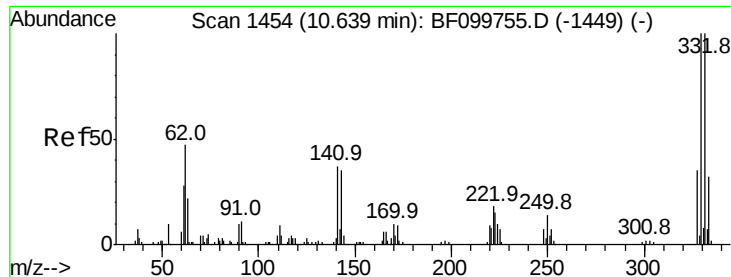


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

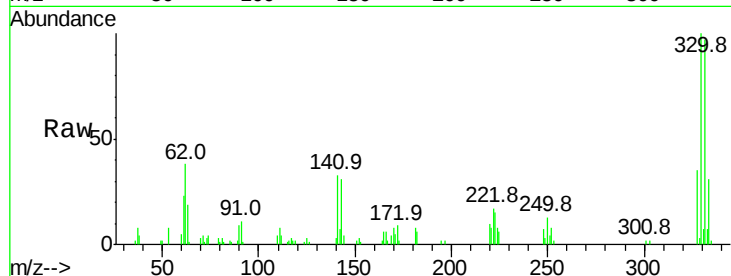




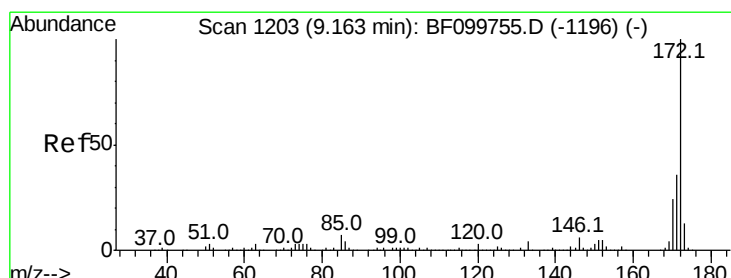
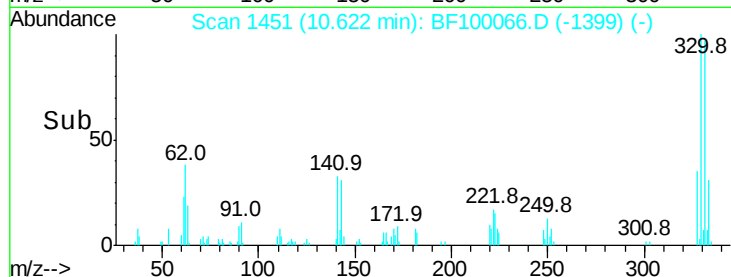
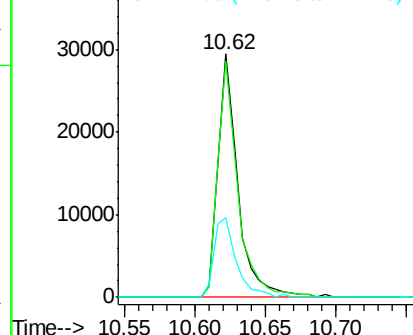
#41
 2,4,6-Tribromophenol
 Concen: 26.837 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	36.0	29.9	44.9

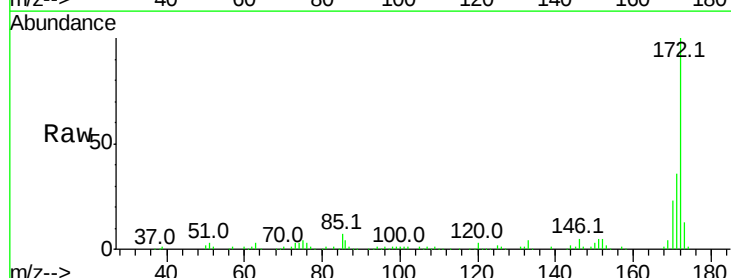


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

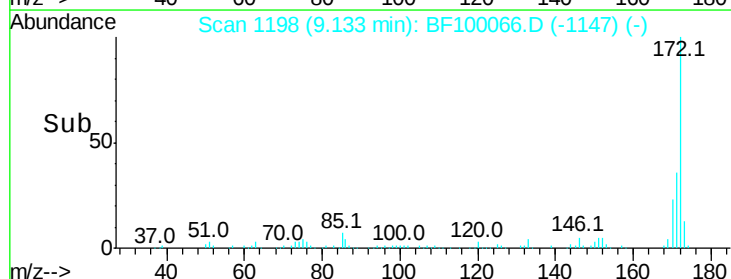
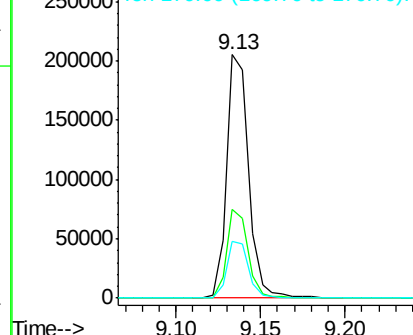


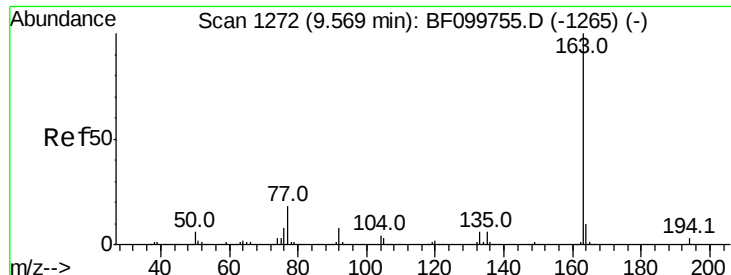
#44
 2-Fluorobiphenyl
 Concen: 24.022 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

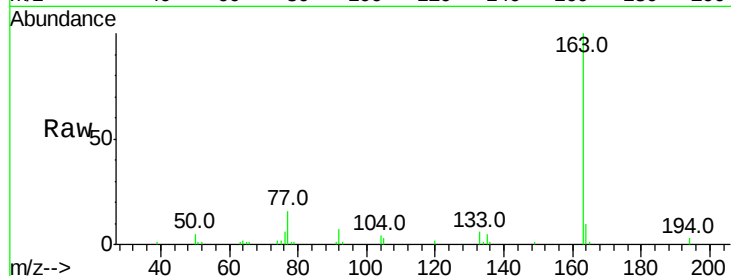




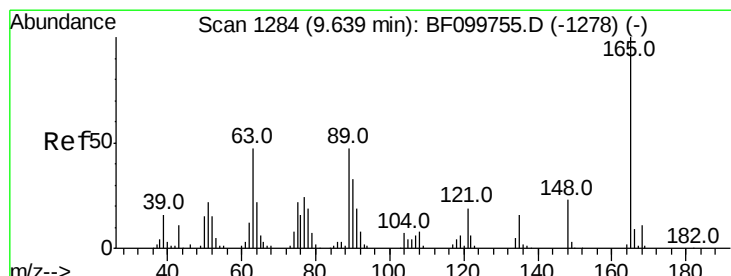
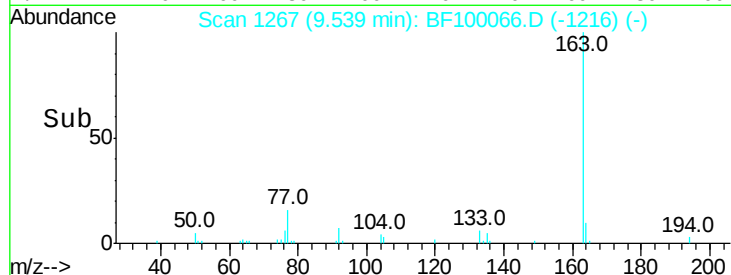
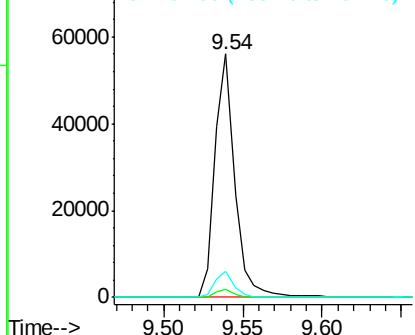
#49
Dimethylphthalate
Concen: 5.171 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 49053
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

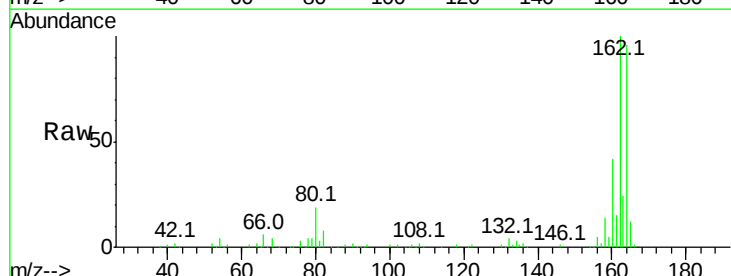


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

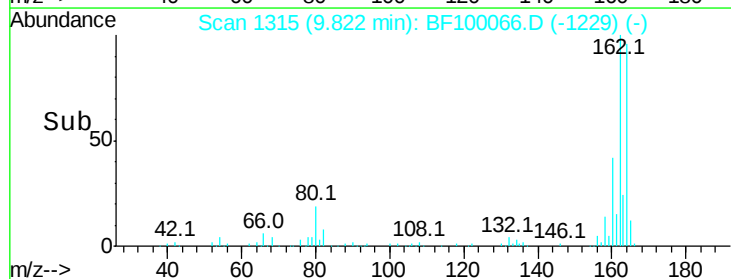
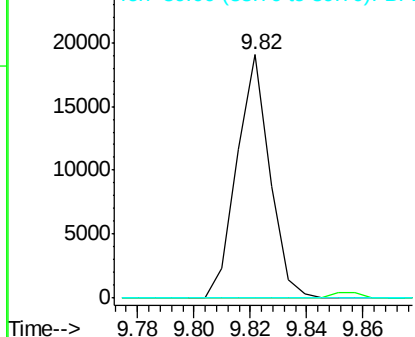


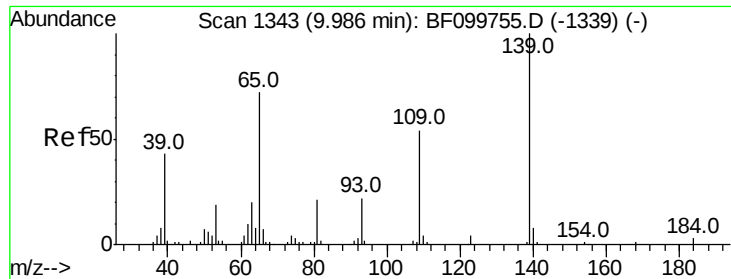
#50
2,6-Dinitrotoluene
Concen: 7.686 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:165 Resp: 15327
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): BF1
Ion 89.00 (88.70 to 89.70): BF1

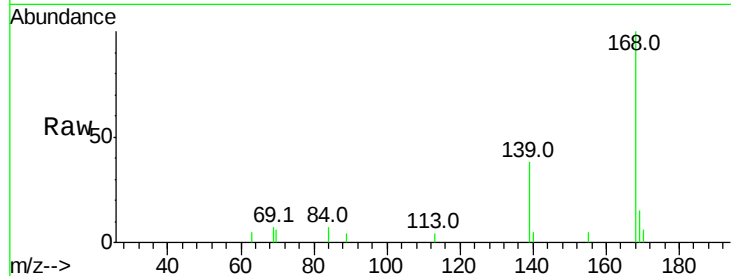




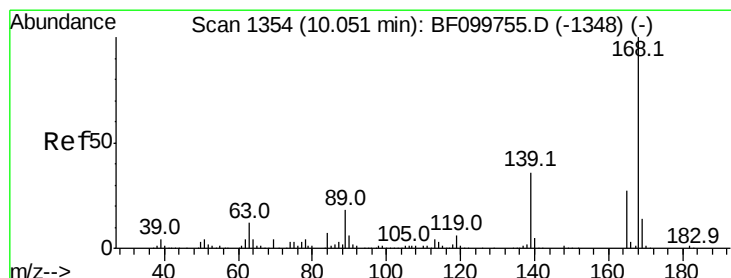
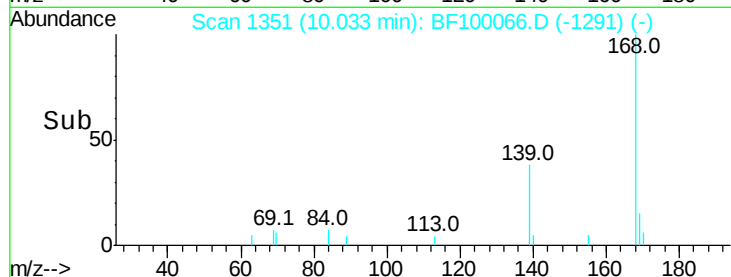
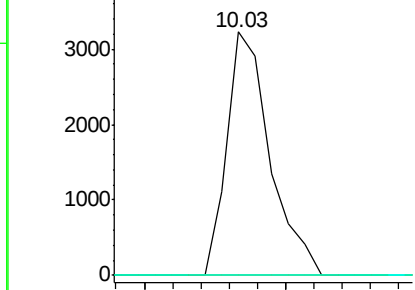
#55
4-Nitrophenol
Concen: 2.789 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.05 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 3424
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

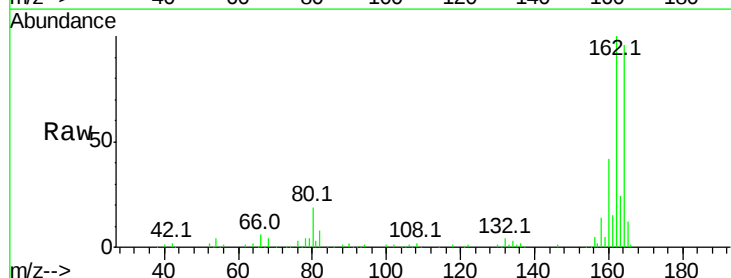


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

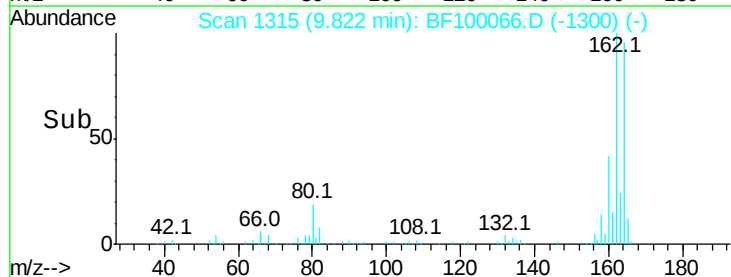
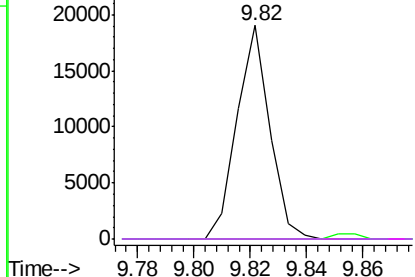


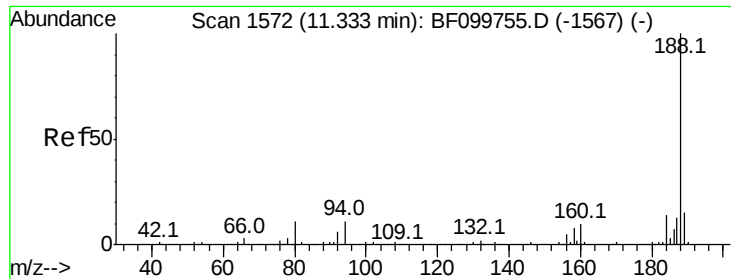
#56
2,4-Dinitrotoluene
Concen: 6.382 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.21 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:165 Resp: 15327
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): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

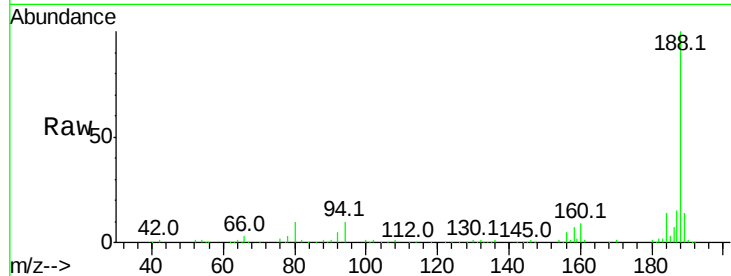




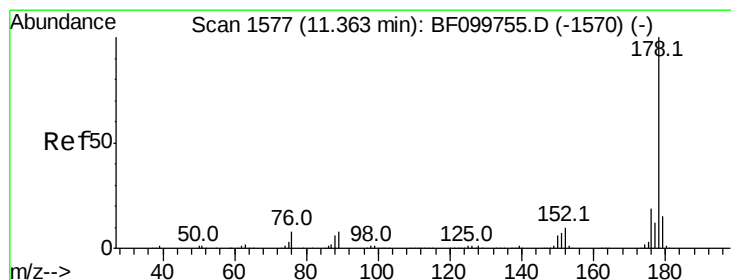
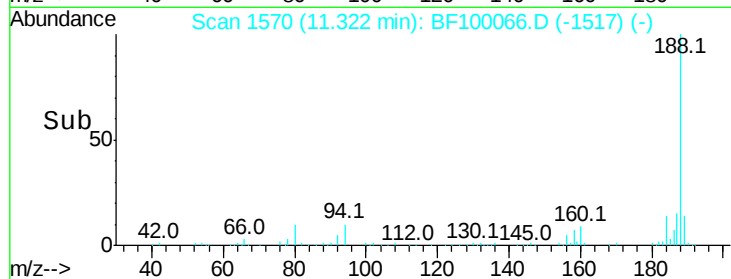
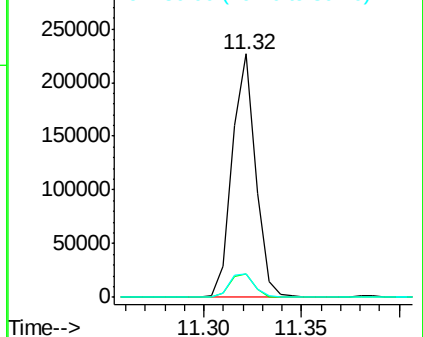
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.7	9.2	13.8

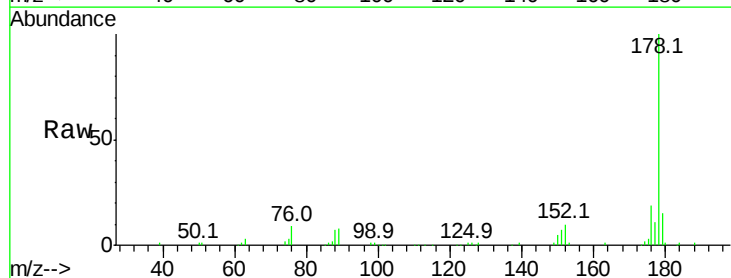


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

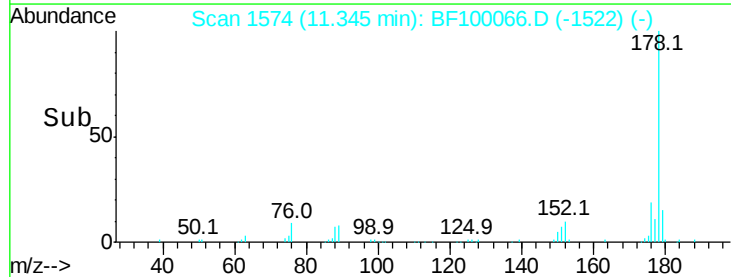
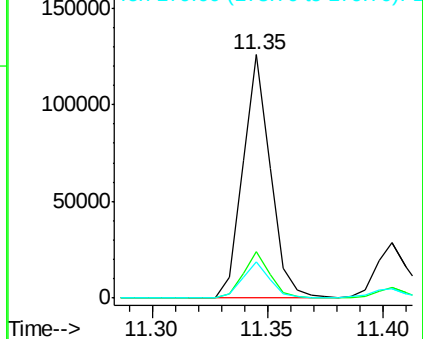


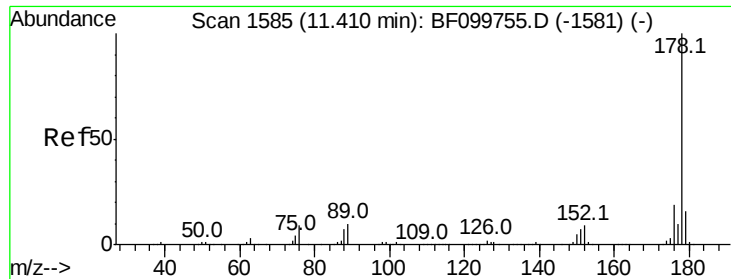
#70
Phenanthrene
Concen: 9.859 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.9	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

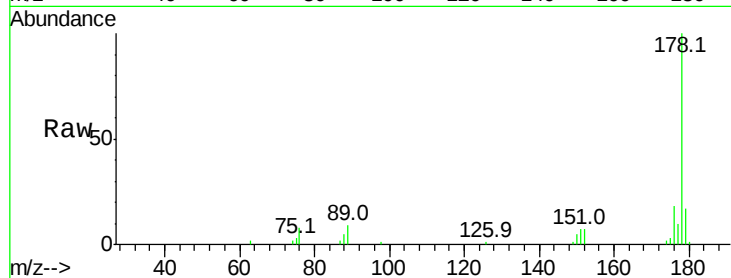




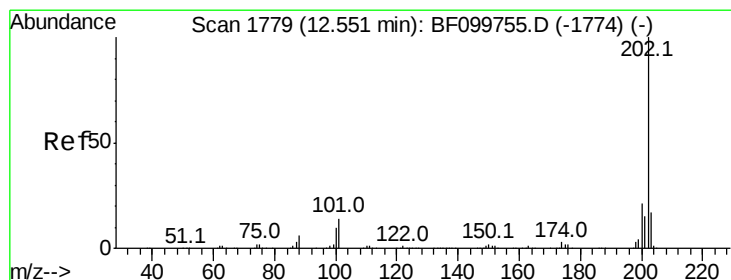
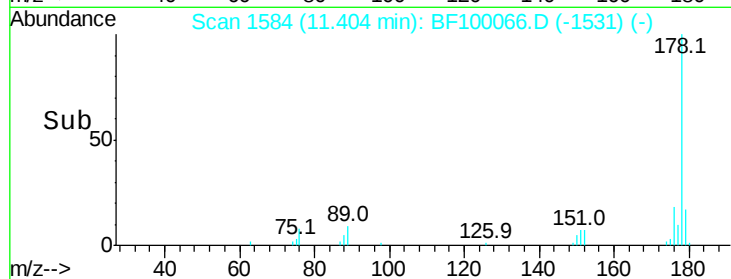
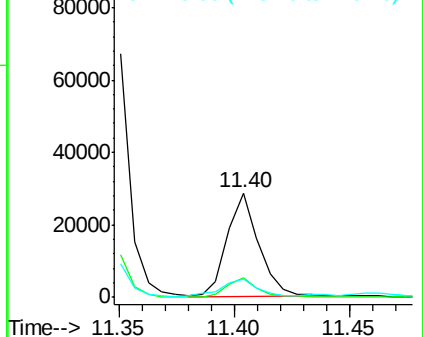
#71
 Anthracene
 Concen: 2.536 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 27428
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 17.3 12.6 19.0

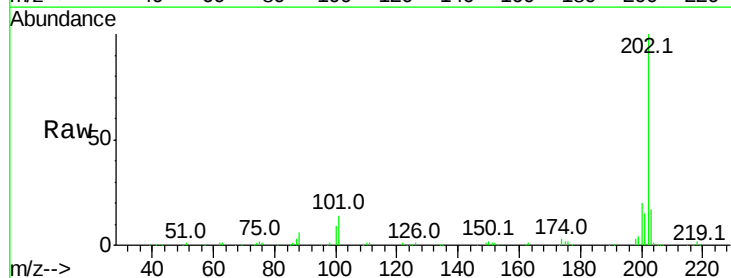


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

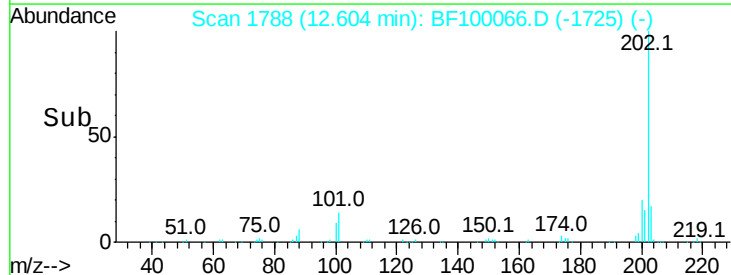
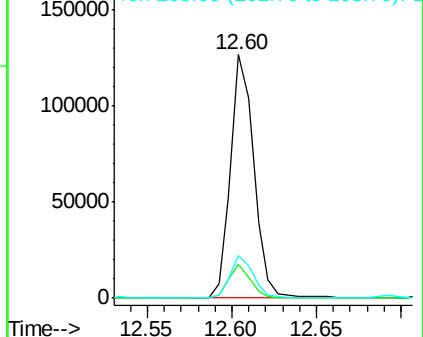


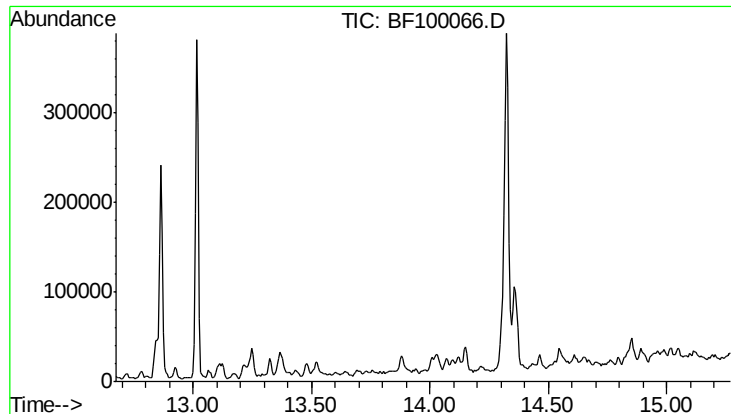
#74
 Fluoranthene
 Concen: 11.006 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.07 min
 Lab File: BF100066.D
 Acq: 2 Nov 2017 1:00

Tgt Ion:202 Resp: 121883
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 34.1
 203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 0.000 ng

Expected RT: 13.97 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

Tot Ion: 240

Sig Exp Ratio

240 100

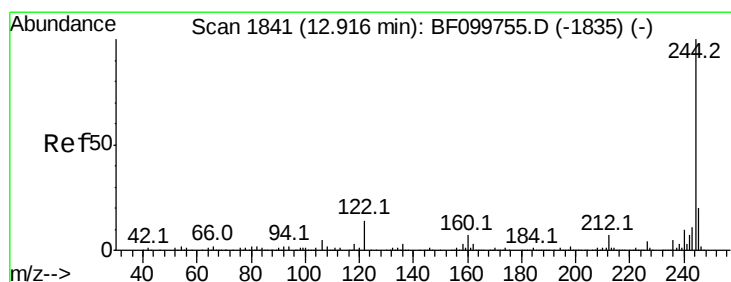
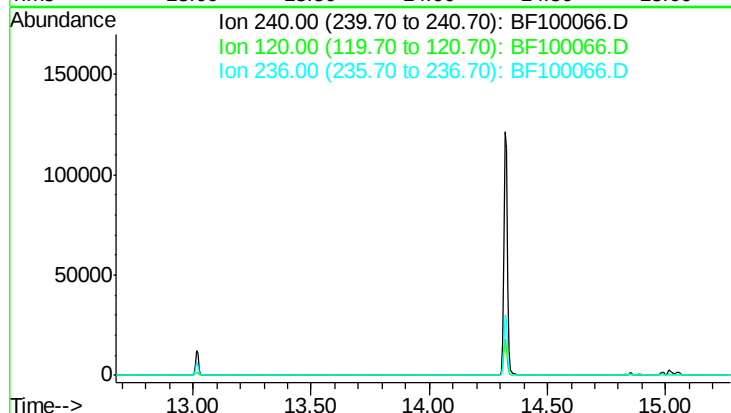
120 11.9

236 25.9

Instrument :

BNA_F

ClientSampleId :



#78

Terphenyl-d14

Concen: 0.000 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.12 min

Lab File: BF100066.D

Acq: 2 Nov 2017 1:00

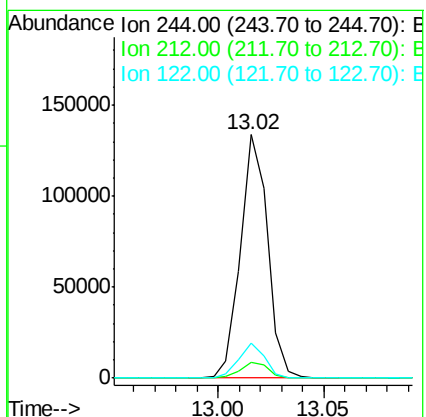
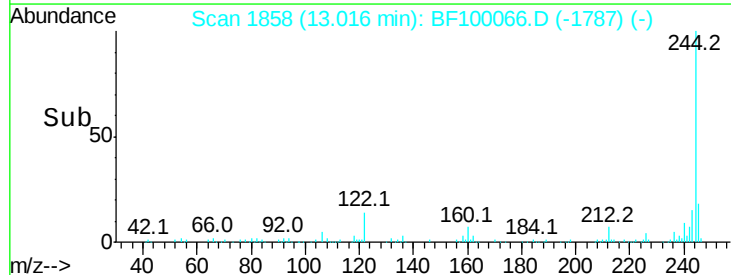
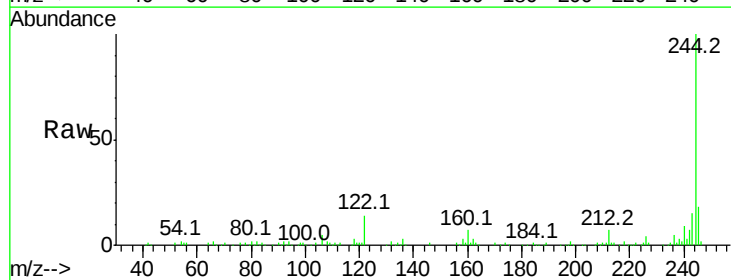
Tgt Ion:244 Resp: 118573

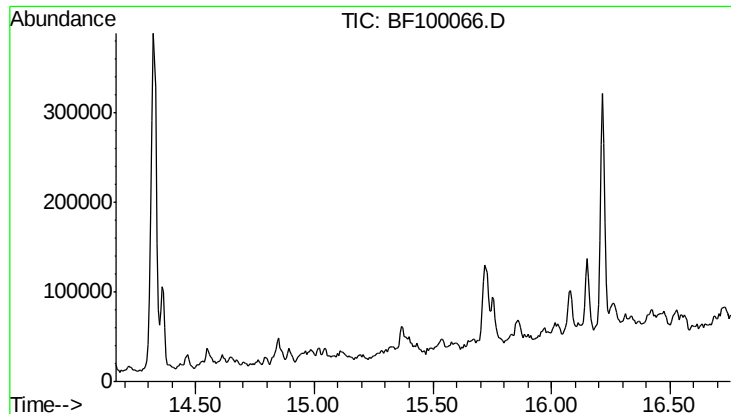
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 14.2 11.0 16.4





#86
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.46 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264
Sig	Exp Ratio
264	100
260	24.0
265	21.9

