

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100979.D
 Acq On : 29 Nov 2017 15:50
 Operator : SJ/JU
 Sample : I6306-05 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:40:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

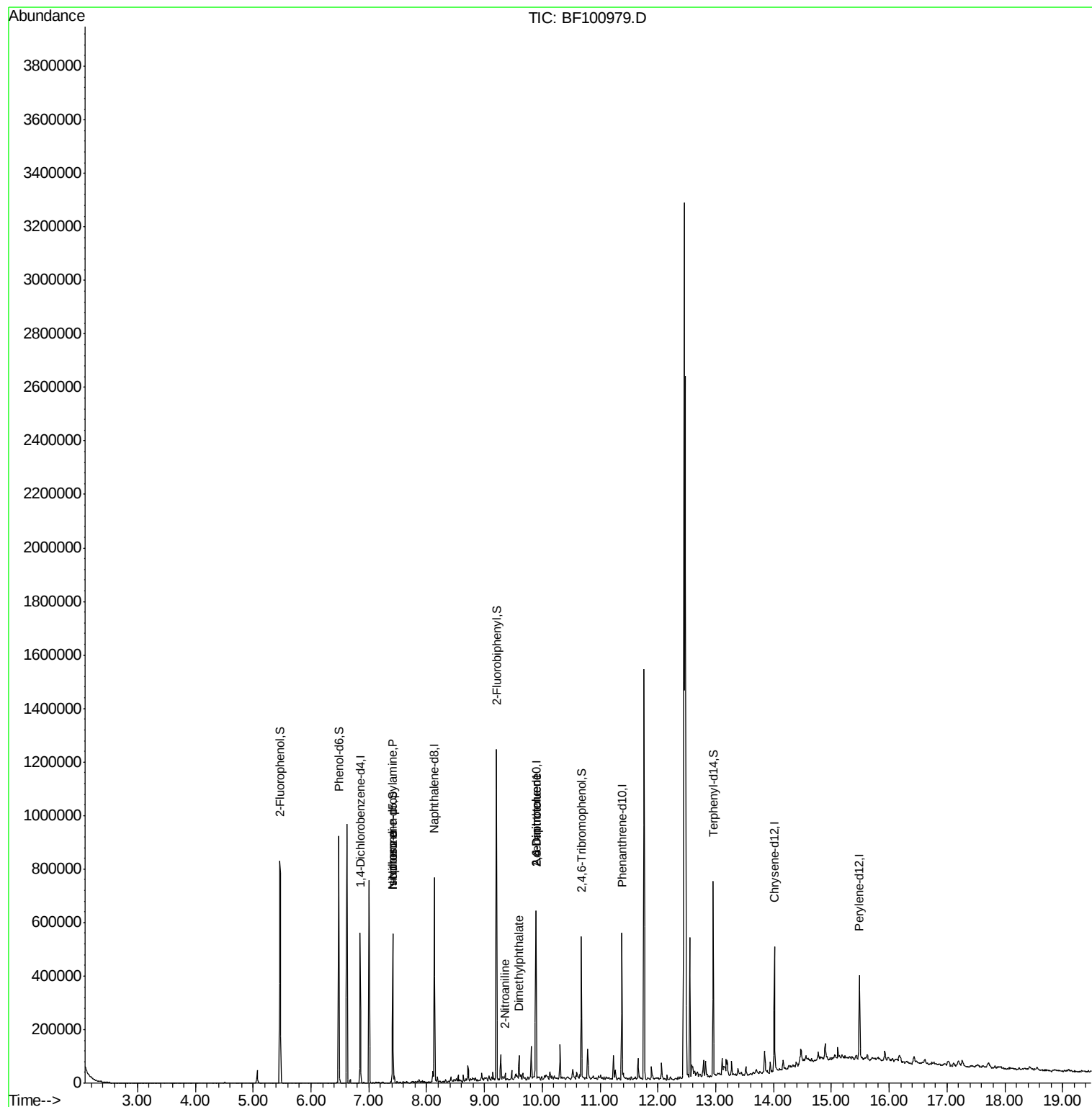
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	77536	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	296081	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	126750	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	189850	20.00	ng	0.00
75) Chrysene-d12	14.02	240	154471	20.00	ng	-0.01
86) Perylene-d12	15.49	264	126953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	235776	48.74	ng	0.00
7) Phenol-d6	6.48	99	281222	47.15	ng	-0.01
23) Nitrobenzene-d5	7.42	82	174374	38.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	61055	47.27	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	372183	44.71	ng	0.00
78) Terphenyl-d14	12.96	244	242096	36.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	22520	5.444	ng	# 76
25) Isophorone	7.42	82	174405	18.532	ng	# 64
47) 2-Nitroaniline	9.36	65	265	2.890	ng	# 2
49) Dimethylphthalate	9.60	163	19433	2.008	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	16597	8.664	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	16597	6.868	ng	# 22

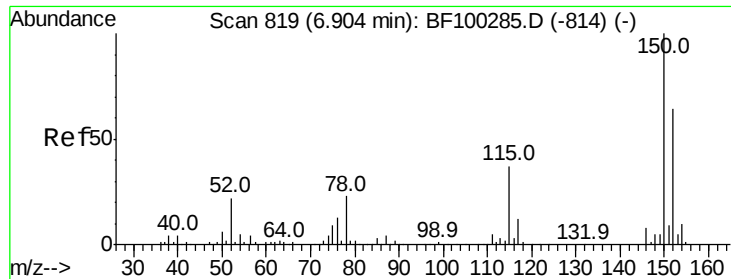
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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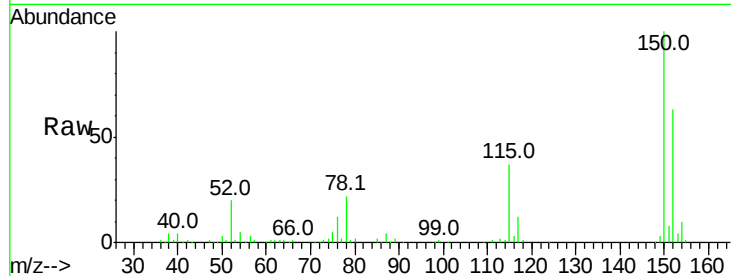


#1

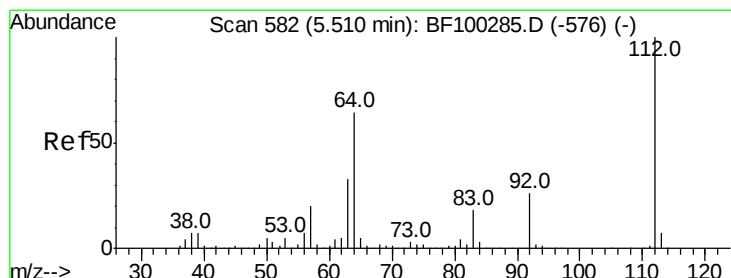
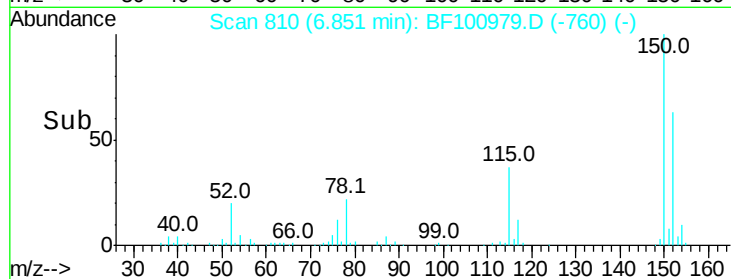
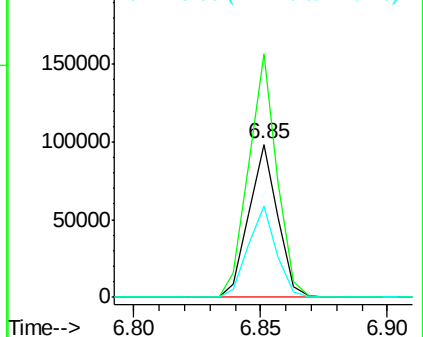
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100979.D
Acq: 29 Nov 2017 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77536
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 59.6 50.1 75.1



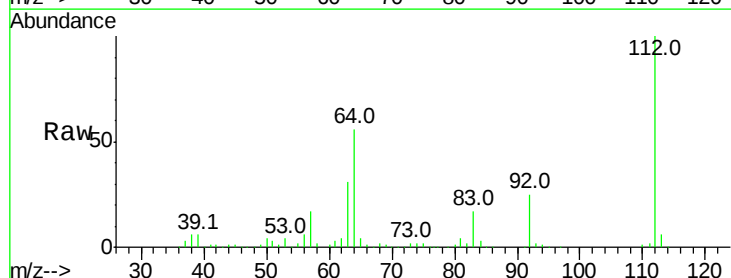
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



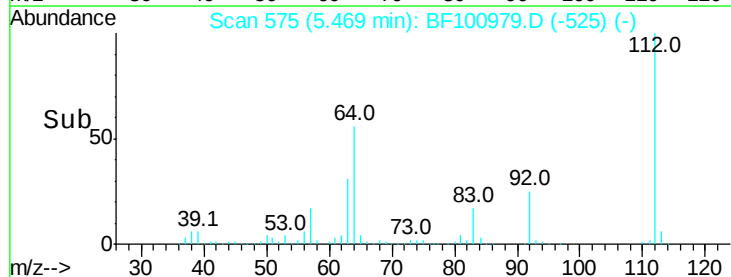
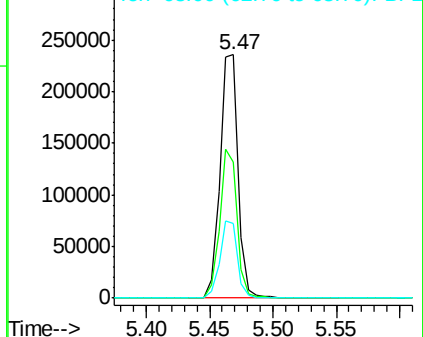
#5

2-Fluorophenol
Concen: 48.745 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF100979.D
Acq: 29 Nov 2017 15:50

Tgt Ion:112 Resp: 235776
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 30.8 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: 47.148 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100979.D

Acq: 29 Nov 2017 15:50

Instrument :

BNA_F

ClientSampleId :

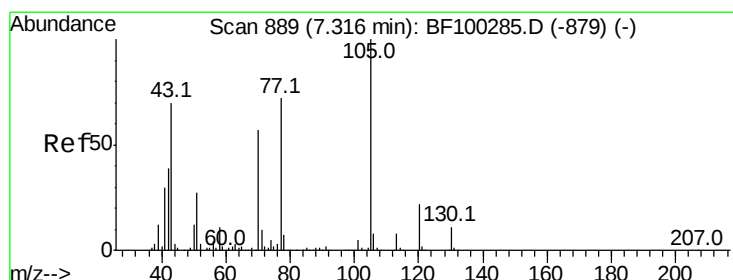
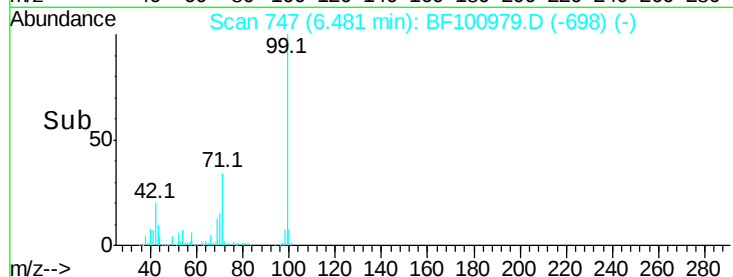
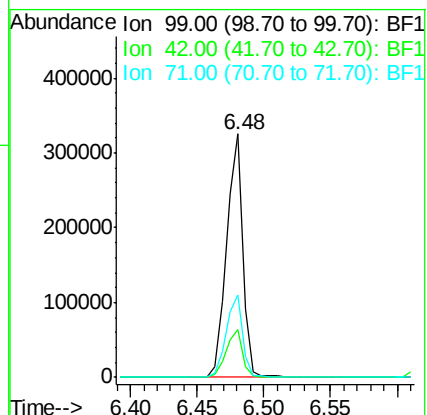
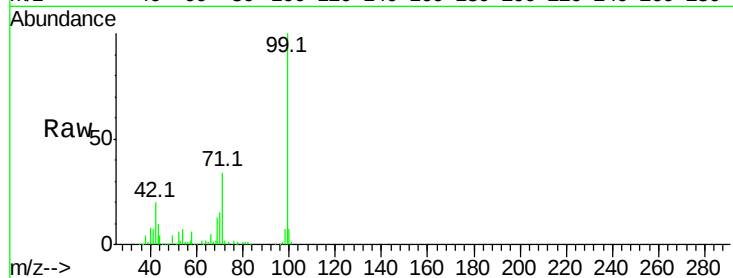
Tot Ion: 99 Resp: 281222

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 33.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.444 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF100979.D

Acq: 29 Nov 2017 15:50

Tgt Ion: 70 Resp: 22520

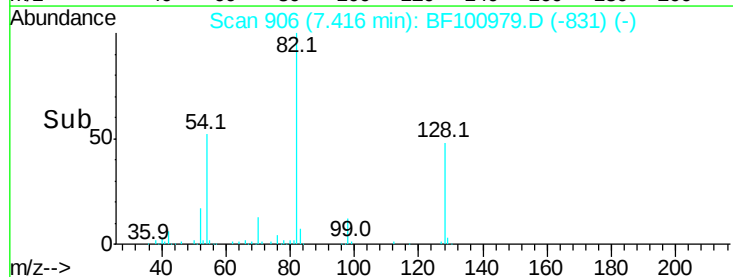
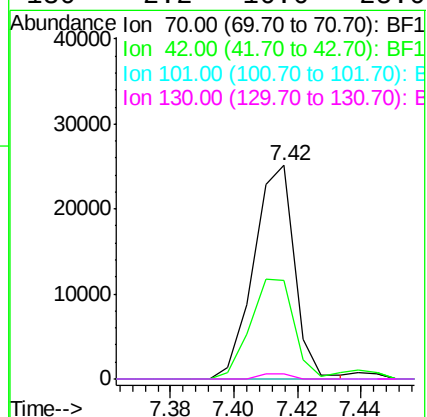
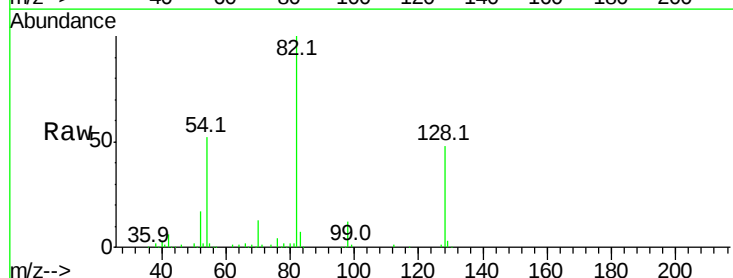
Ion Ratio Lower Upper

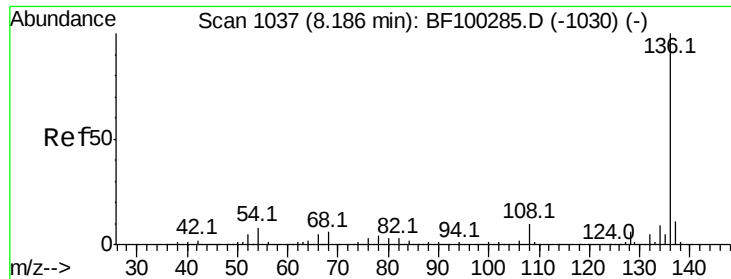
70 100

42 45.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

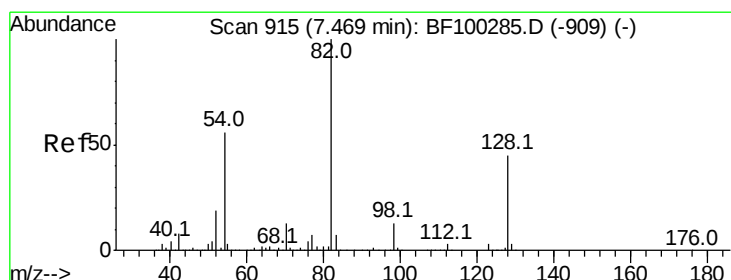
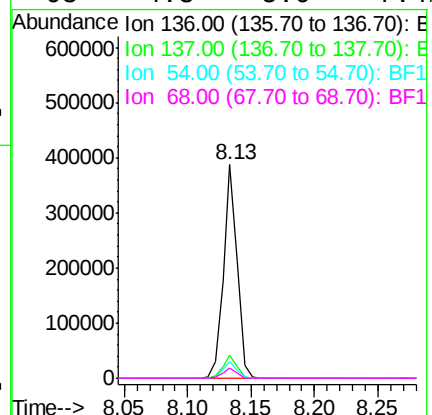
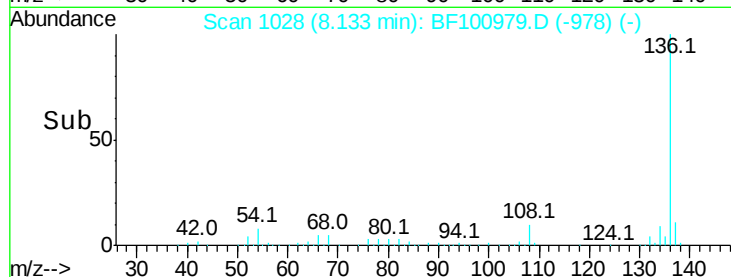
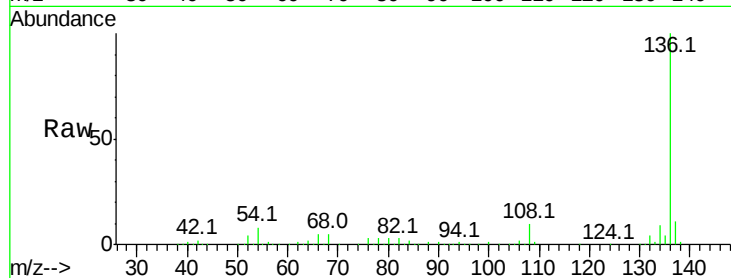




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100979.D
Acq: 29 Nov 2017 15:50

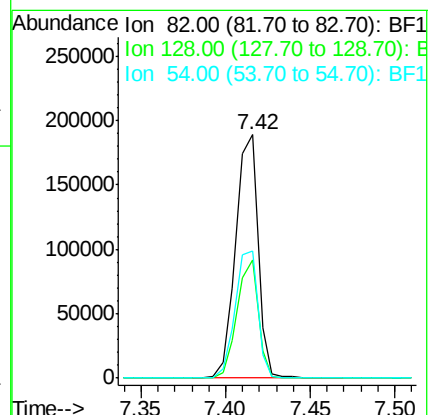
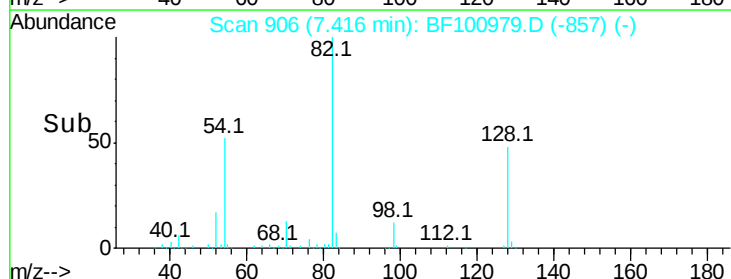
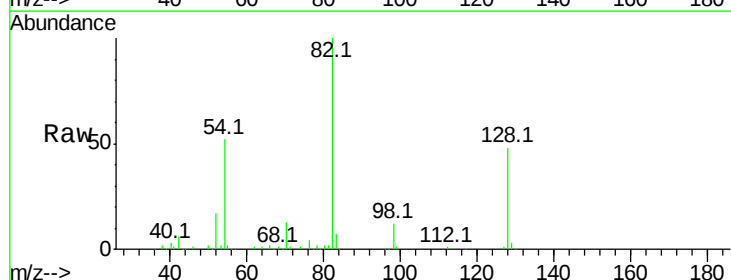
Instrument :
BNA_F
ClientSampled :

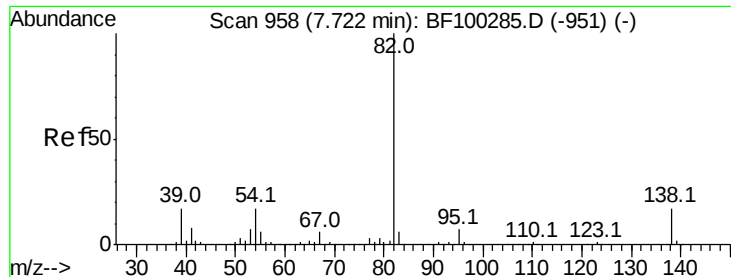
Tot Ion:	136	Resp:	296081
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.0	6.6	9.8
68	4.8	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 38.937 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100979.D
Acq: 29 Nov 2017 15:50

Tgt Ion:	82	Resp:	174374
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	52.1	41.4	62.2





#25

Isophorone

Concen: 18.532 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF100979.D

Acq: 29 Nov 2017 15:50

Instrument :

BNA_F

ClientSampleId :

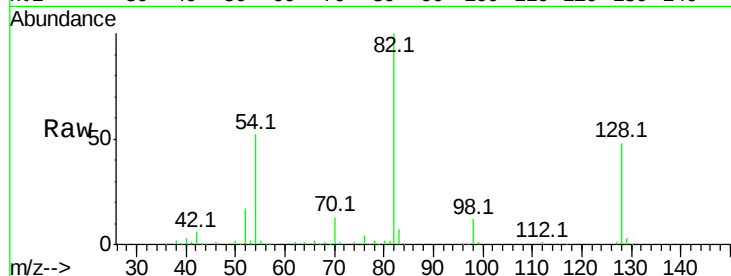
Tot Ion: 82 Resp: 174405

Ion Ratio Lower Upper

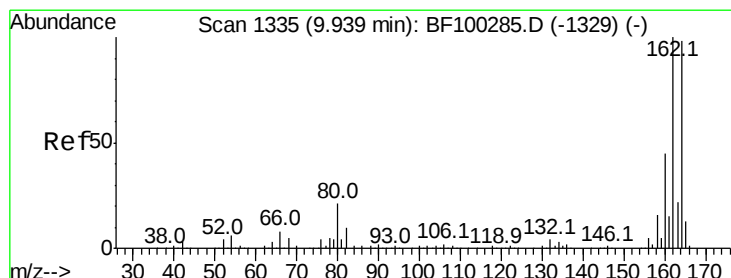
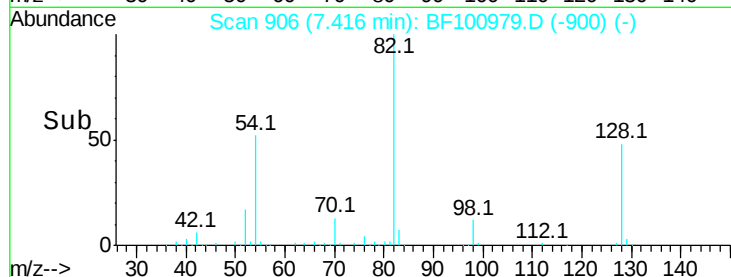
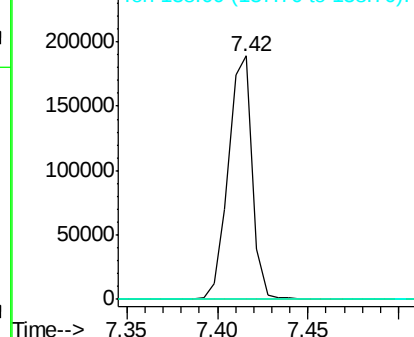
82 100

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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF100979.D

Acq: 29 Nov 2017 15:50

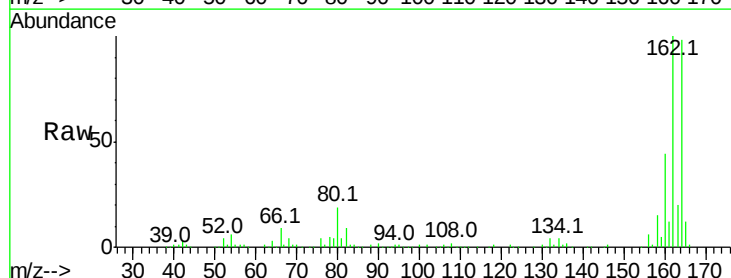
Tgt Ion:164 Resp: 126750

Ion Ratio Lower Upper

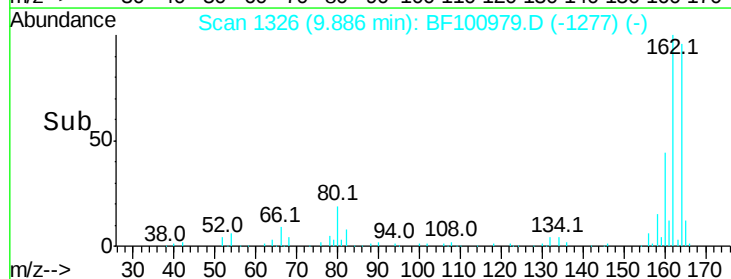
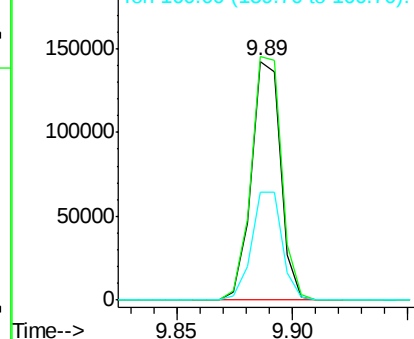
164 100

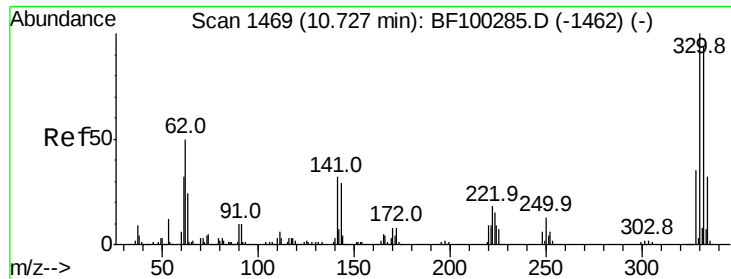
162 101.8 86.1 129.1

160 45.3 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

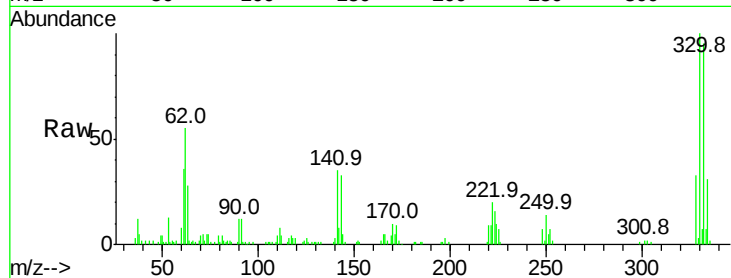




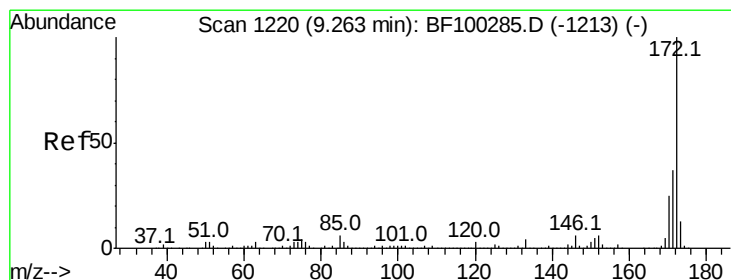
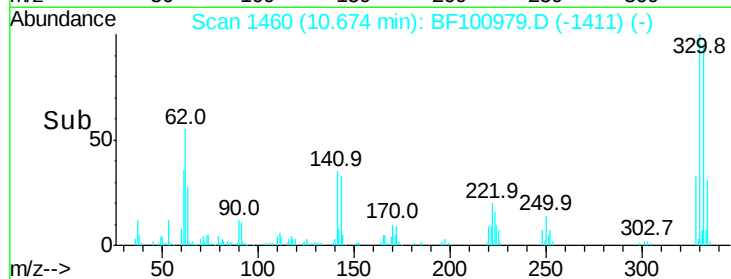
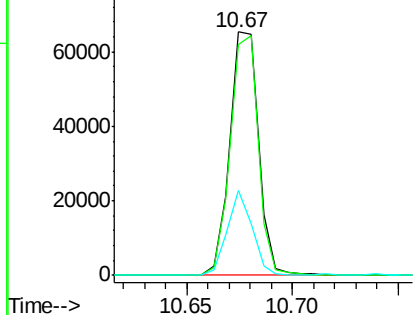
#41
 2,4,6-Tribromophenol
 Concen: 47.271 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF100979.D
 Acq: 29 Nov 2017 15:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 61055
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 30.2 29.9 44.9

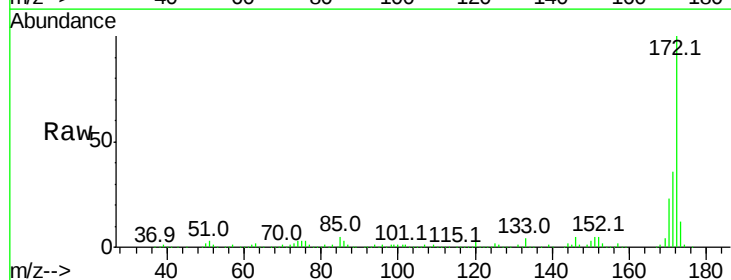


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

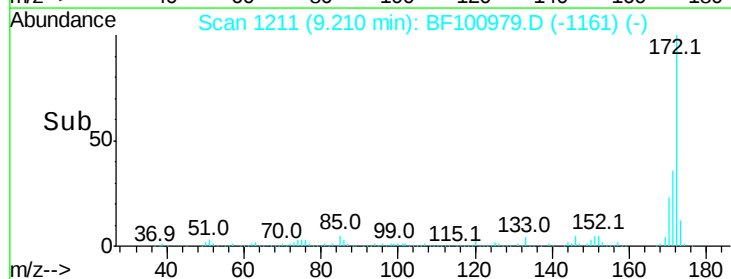
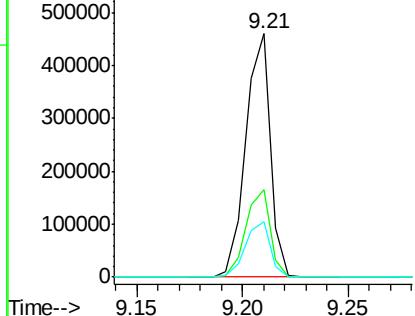


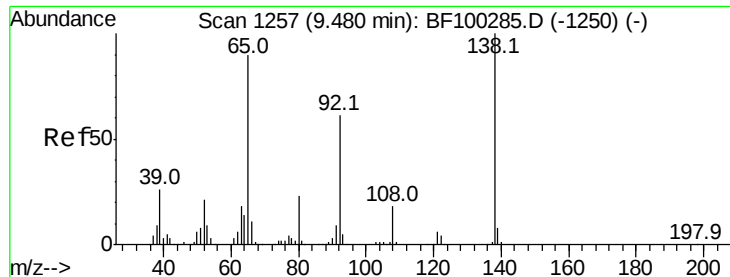
#44
 2-Fluorobiphenyl
 Concen: 44.712 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100979.D
 Acq: 29 Nov 2017 15:50

Tgt Ion:172 Resp: 372183
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.0 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





#47

2-Nitroaniline

Concen: 2.890 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.08 min

Lab File: BF100979.D

Acq: 29 Nov 2017 15:50

Instrument :

BNA_F

ClientSampled :

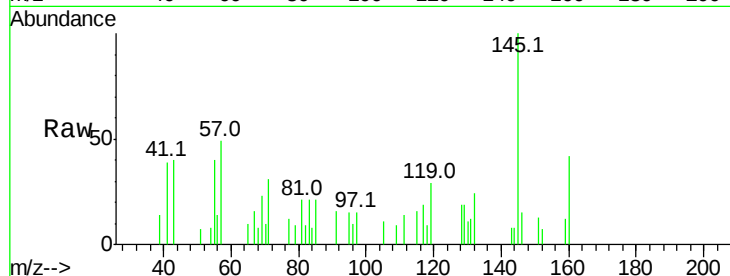
Tot Ion: 65 Resp: 265

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

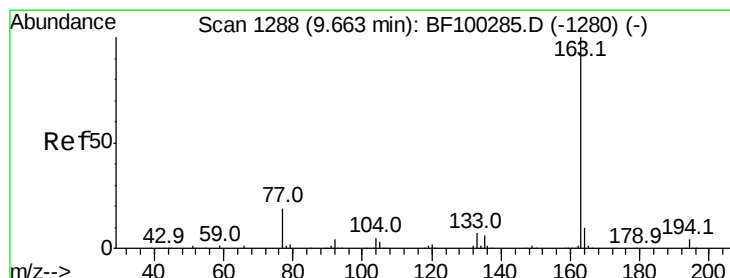
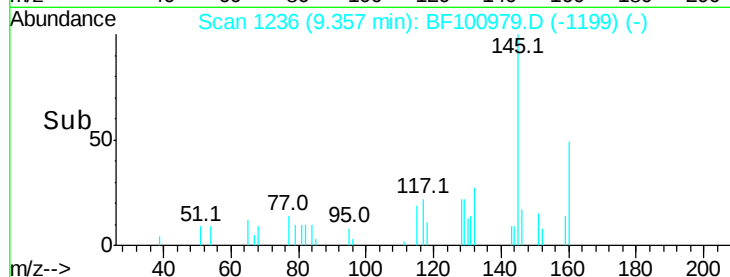
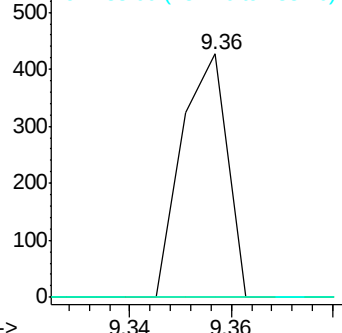
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 2.008 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF100979.D

Acq: 29 Nov 2017 15:50

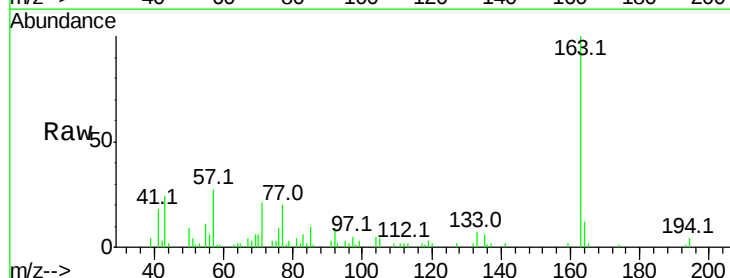
Tgt Ion: 163 Resp: 19433

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

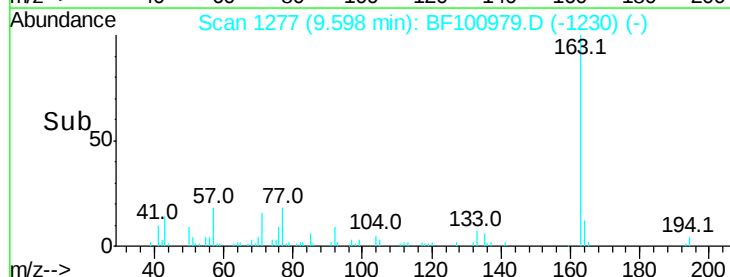
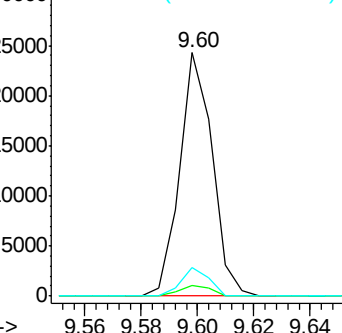
164 11.6 8.2 12.2

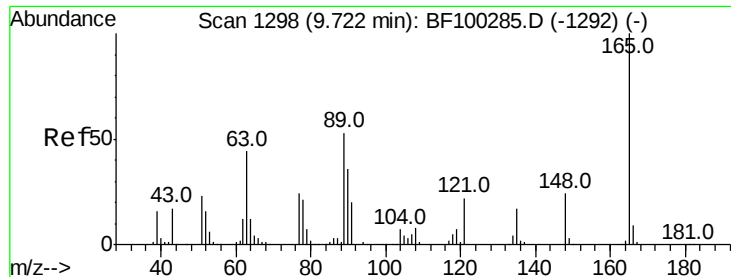


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

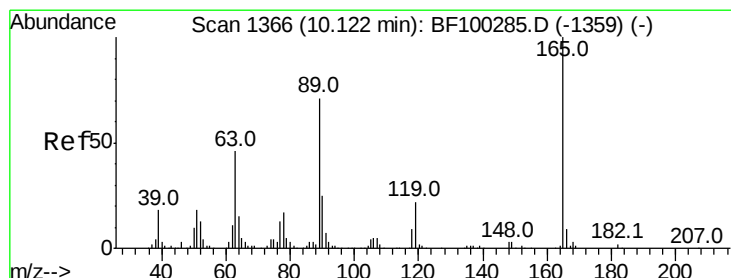
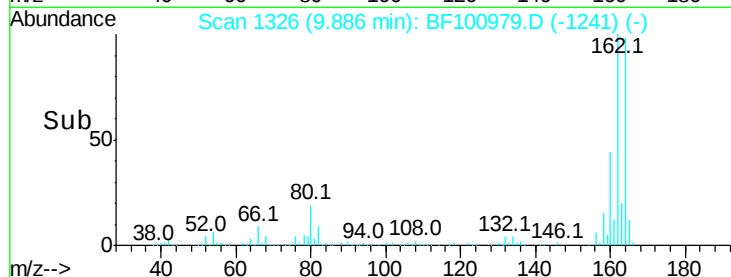
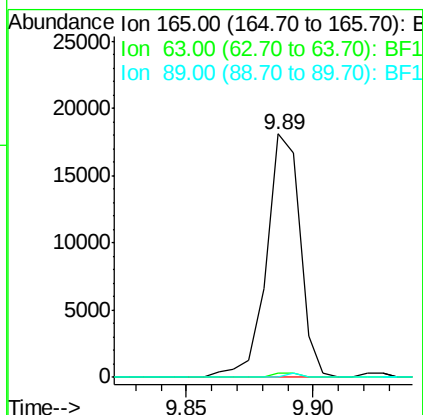
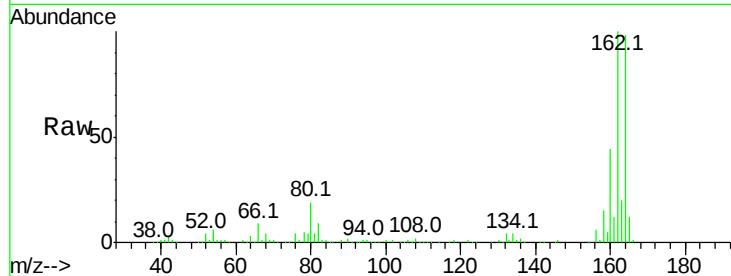




#50
 2,6-Dinitrotoluene
 Concen: 8.664 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.20 min
 Lab File: BF100979.D
 Acq: 29 Nov 2017 15:50

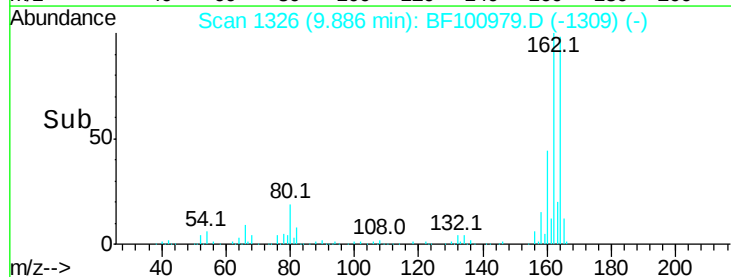
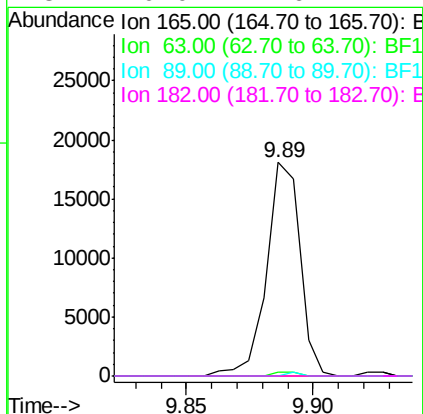
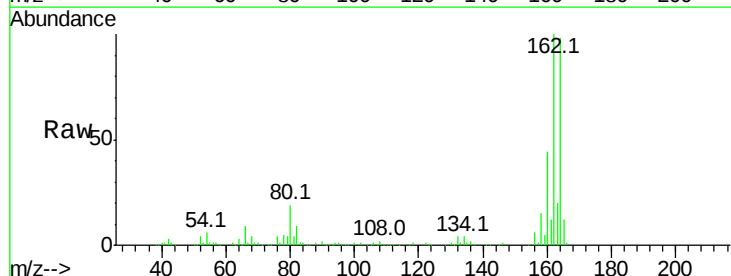
Instrument :
 BNA_F
 ClientSampleId :

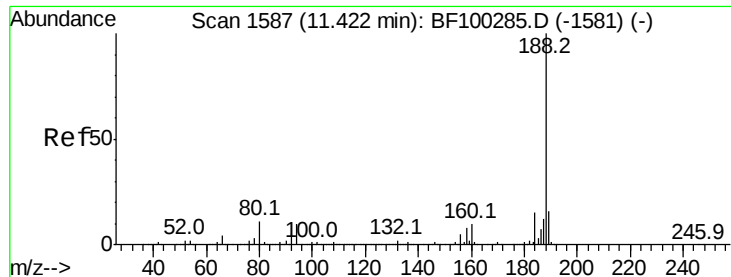
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.868 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF100979.D
 Acq: 29 Nov 2017 15:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

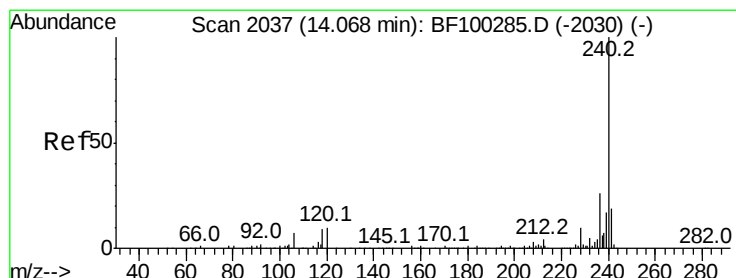
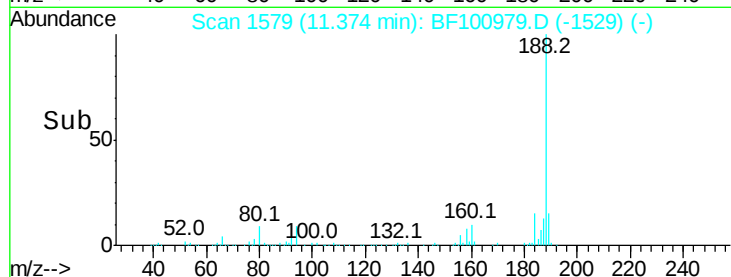
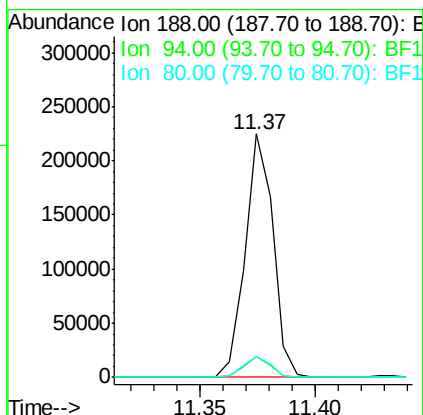
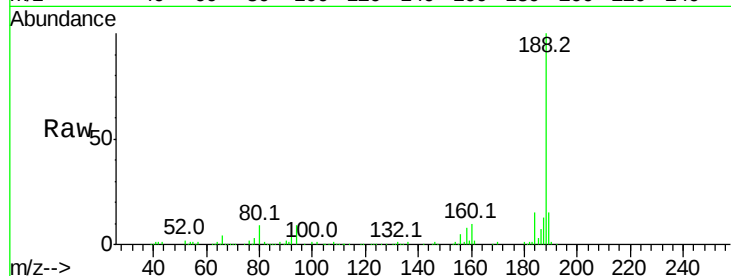




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF100979.D
Acq: 29 Nov 2017 15:50

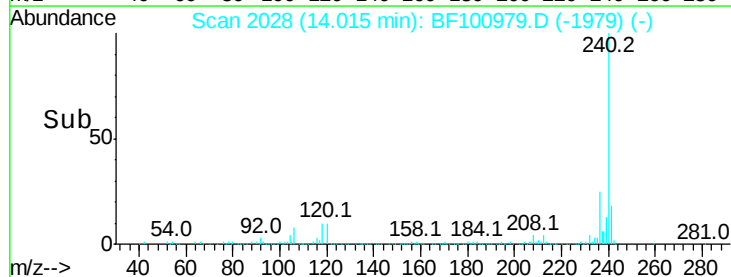
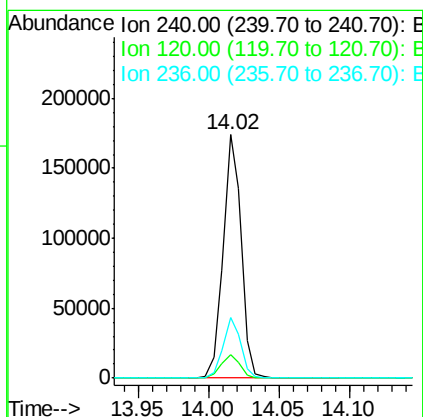
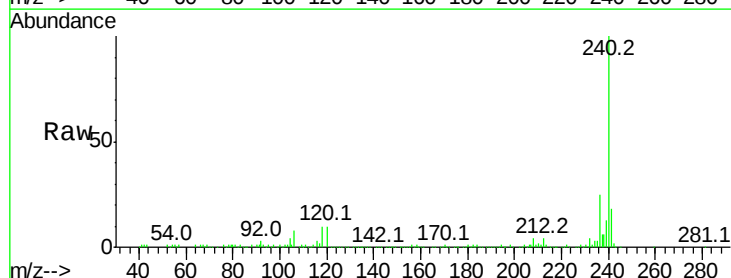
Instrument :
BNA_F
ClientSampleId :

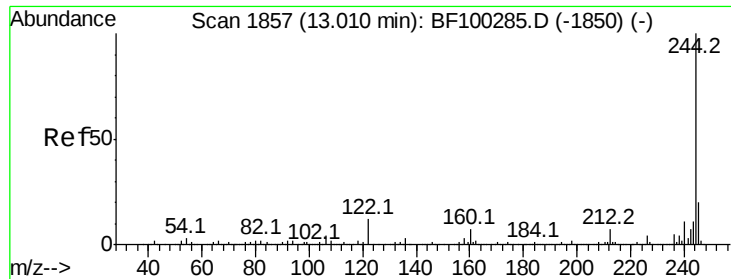
Tot Ion:188 Resp: 189850
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 8.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100979.D
Acq: 29 Nov 2017 15:50

Tgt Ion:240 Resp: 154471
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 24.9 20.7 31.1

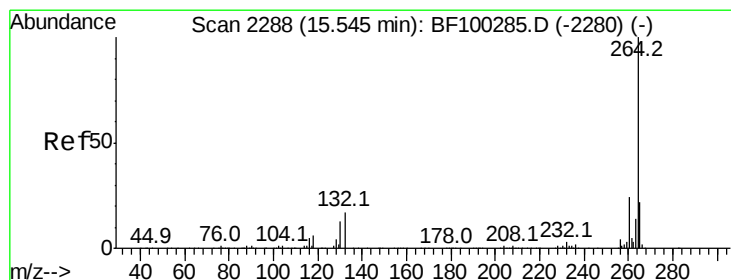
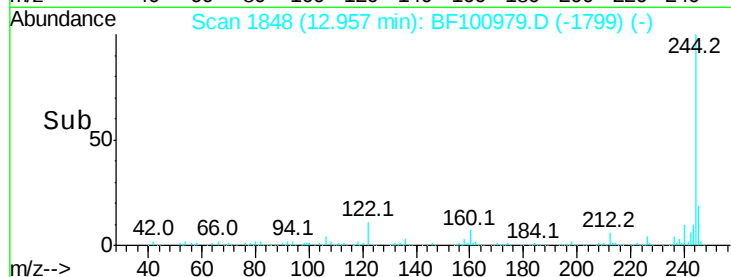
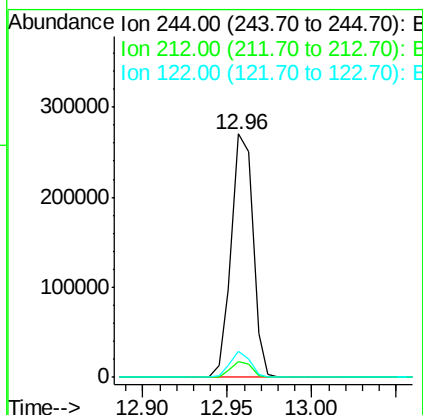
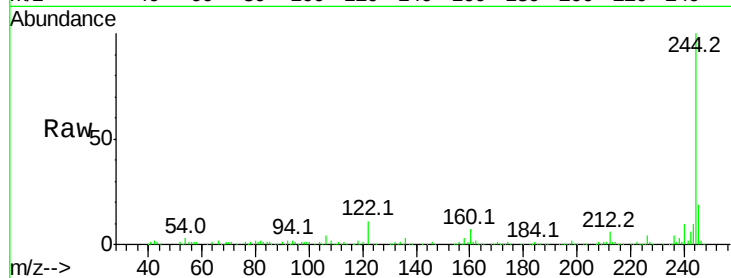




#78
 Terphenyl-d14
 Concen: 36.011 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF100979.D
 Acq: 29 Nov 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 242096
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100979.D
 Acq: 29 Nov 2017 15:50

Tgt Ion:264 Resp: 126953
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.0 17.5 26.3

