

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100379.D
 Acq On : 10 Nov 2017 9:40
 Operator : SJ/JU
 Sample : I6355-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 10:51:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

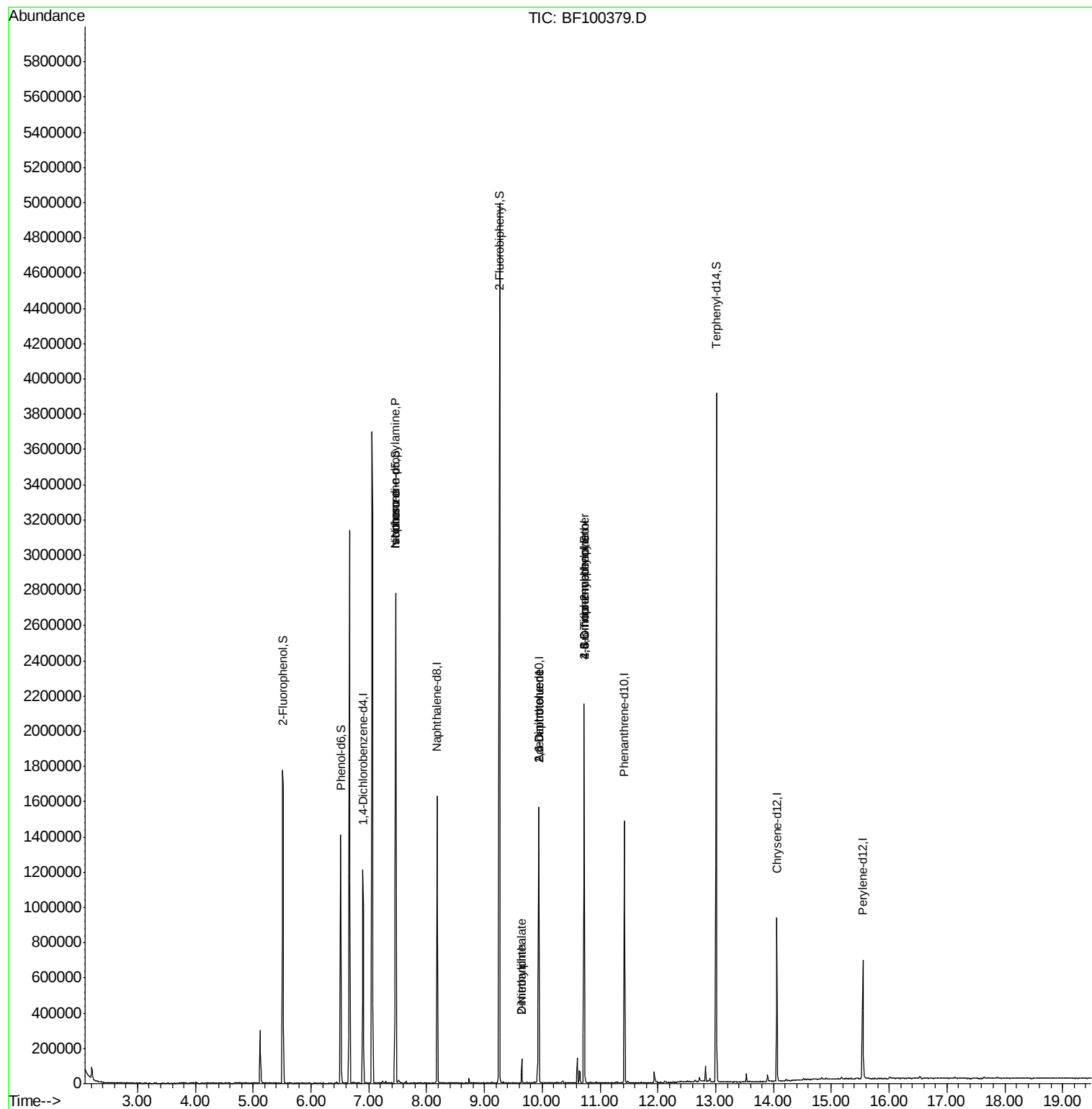
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172735	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	670590	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	300878	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	502393	20.00	ng	0.00
75) Chrysene-d12	14.06	240	331383	20.00	ng	-0.01
86) Perylene-d12	15.54	264	335049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	497321	46.15	ng	0.00
7) Phenol-d6	6.52	99	429106	32.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	1113049	109.74	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	284089	92.66	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1827104	92.47	ng	0.00
78) Terphenyl-d14	13.01	244	1312964	91.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	149508	16.224	ng	Qvalue # 80
25) Isophorone	7.46	82	1111037	52.125	ng	# 64
47) 2-Nitroaniline	9.65	65	393	2.850	ng	# 1
49) Dimethylphthalate	9.65	163	49061	2.136	ng	97
50) 2,6-Dinitrotoluene	9.94	165	37541	8.256	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	37541	6.544	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	578	8.757	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	18044	3.350	ng	# 1

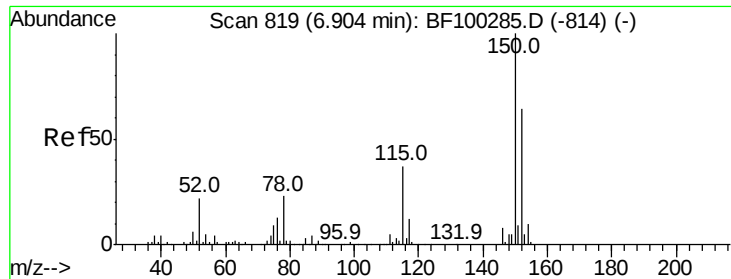
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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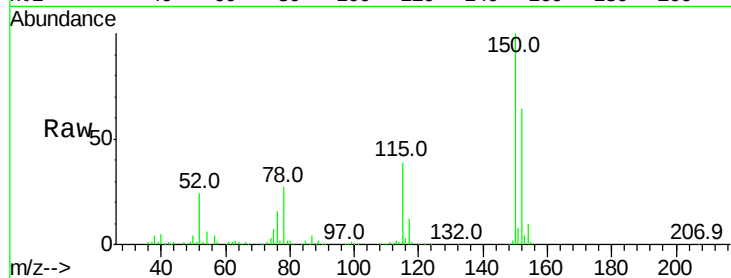


#1

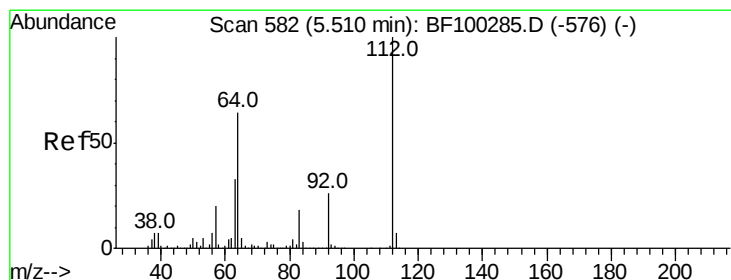
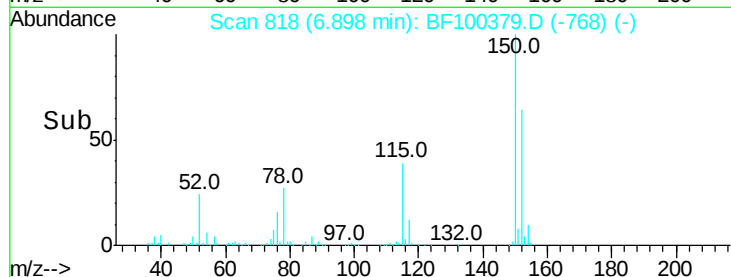
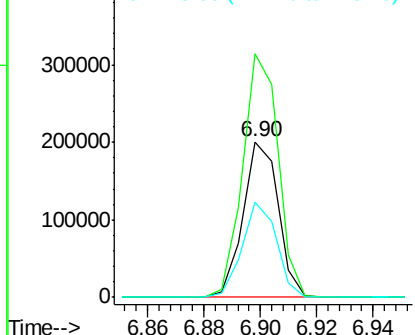
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	61.4	50.1	75.1



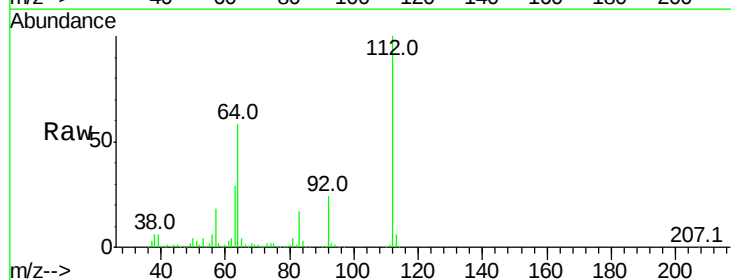
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



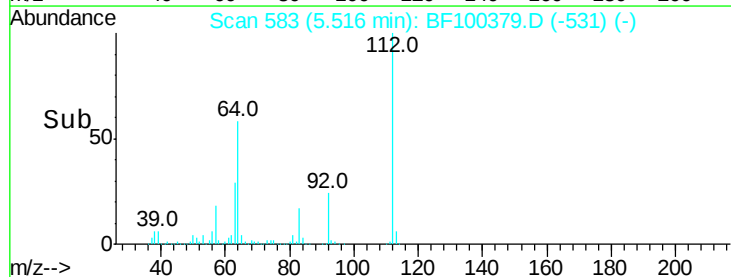
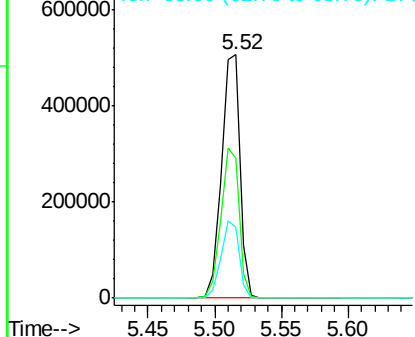
#5

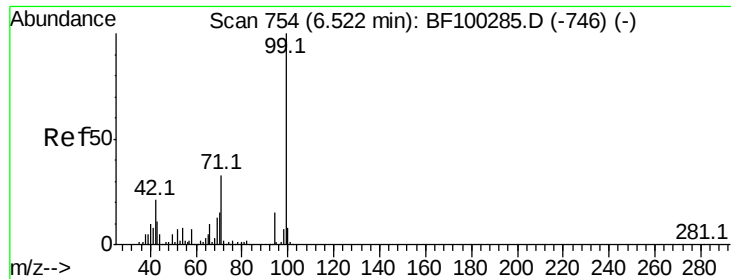
2-Fluorophenol
Concen: 46.152 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	28.8	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: 32.293 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100379.D

Acq: 10 Nov 2017 9:40

Instrument :

BNA_F

ClientSampleId :

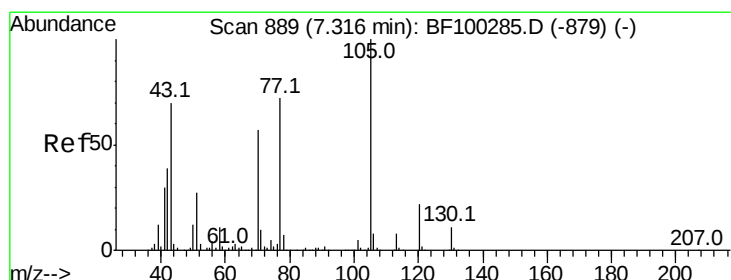
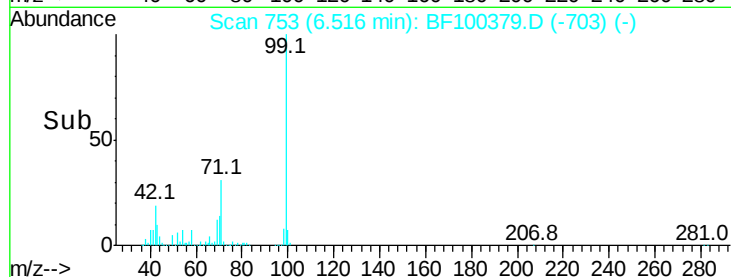
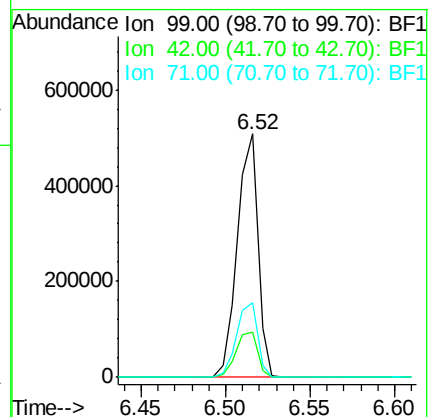
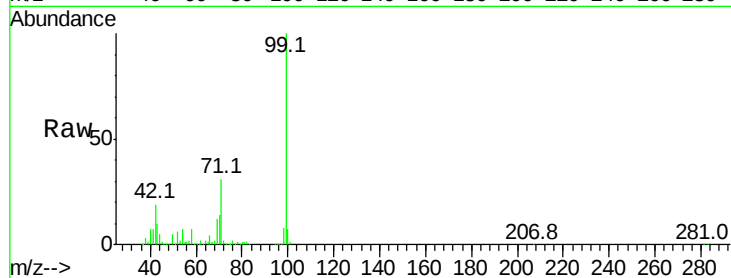
Tot Ion: 99 Resp: 429106

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 30.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.224 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100379.D

Acq: 10 Nov 2017 9:40

Tgt Ion: 70 Resp: 149508

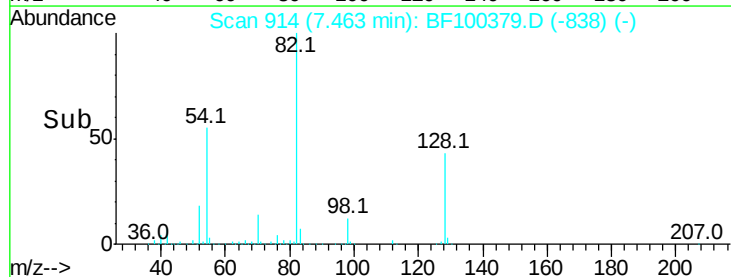
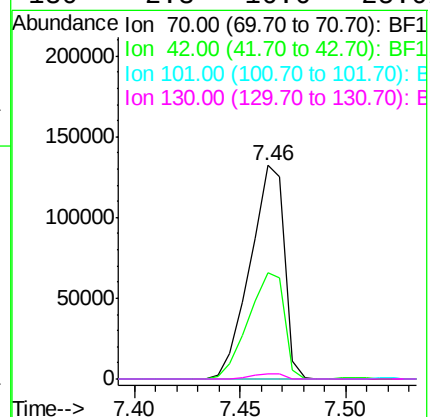
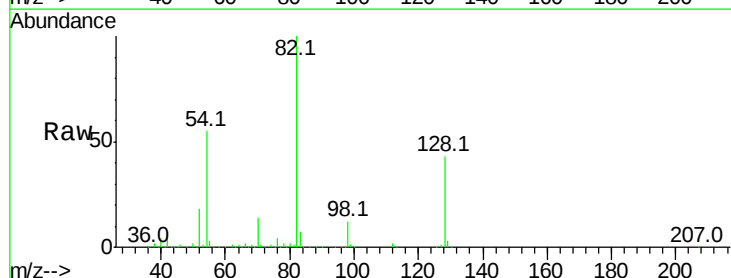
Ion Ratio Lower Upper

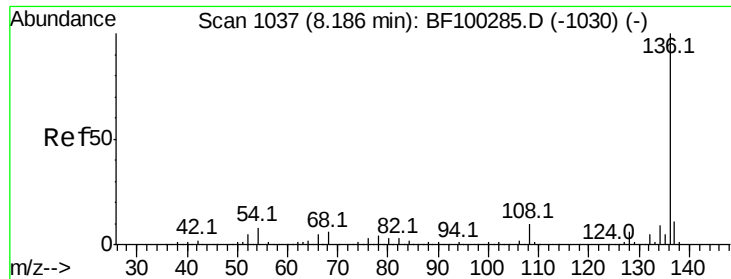
70 100

42 49.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

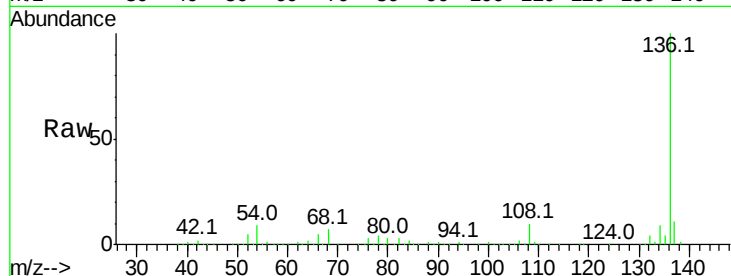




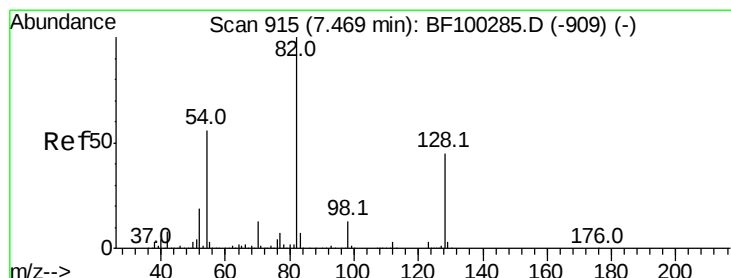
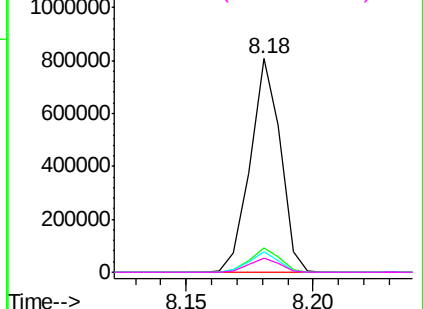
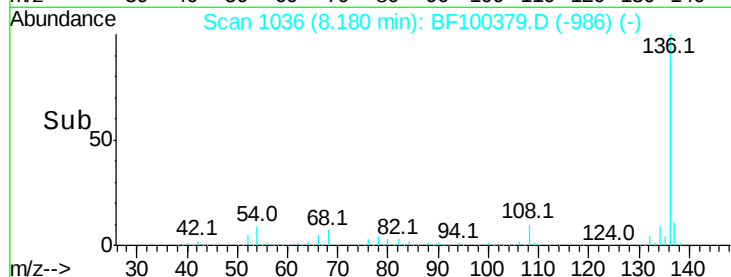
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	670590	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 9.3	6.6	9.8	
68 6.5	5.0	7.4	

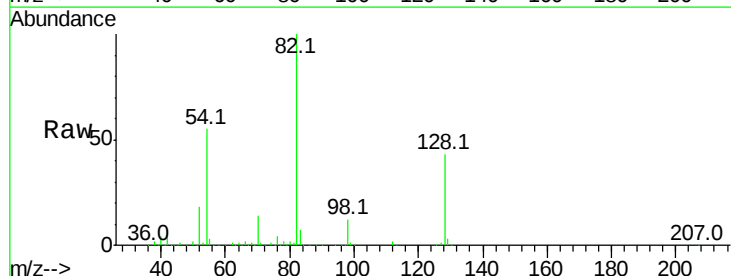


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

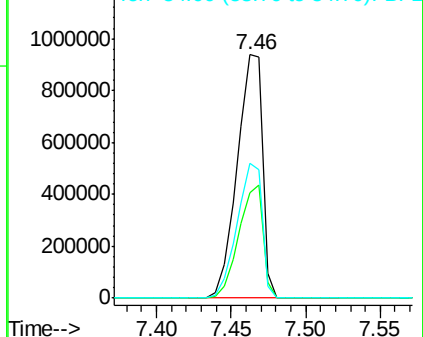
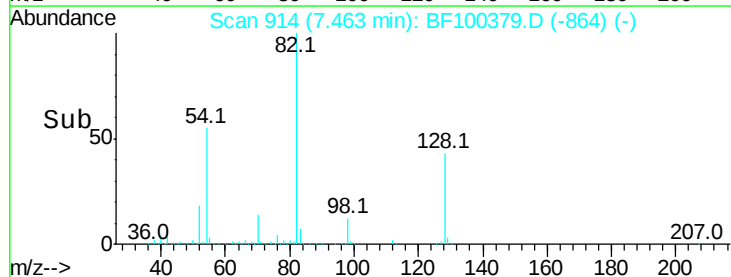


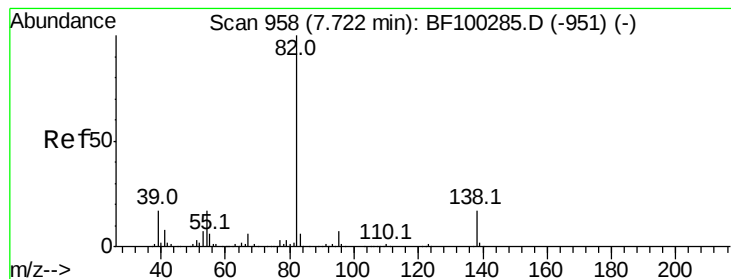
#23
Nitrobenzene-d5
Concen: 109.735 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

Tgt Ion: 82	Resp: 1113049
Ion Ratio	Lower Upper
82 100	
128 43.5	36.1 54.1
54 55.3	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.125 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100379.D

Acq: 10 Nov 2017 9:40

Instrument :

BNA_F

ClientSampled :

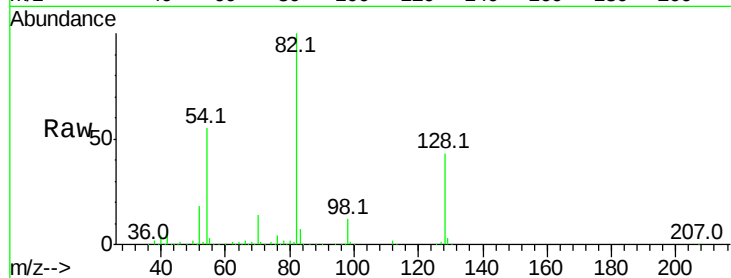
Tot Ion: 82 Resp: 1111037

Ion Ratio Lower Upper

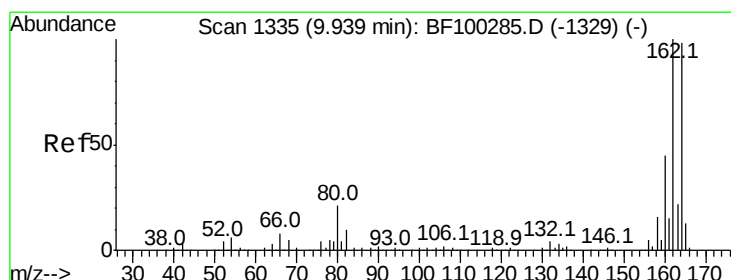
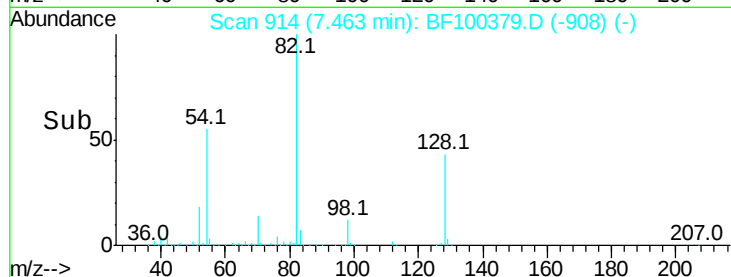
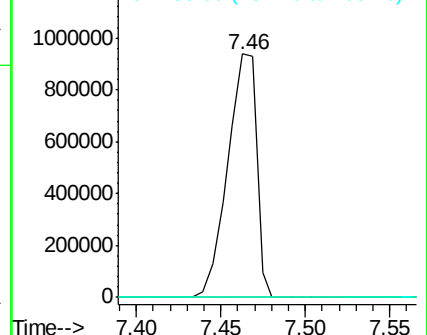
82 100

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: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF100379.D

Acq: 10 Nov 2017 9:40

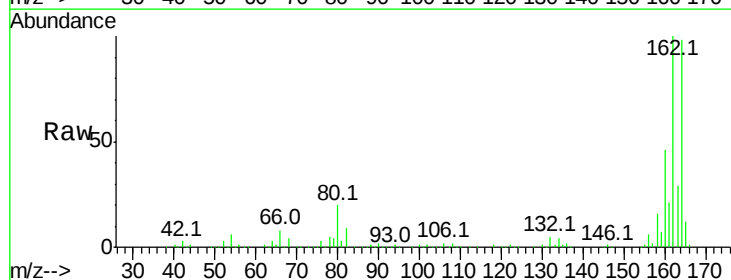
Tgt Ion: 164 Resp: 300878

Ion Ratio Lower Upper

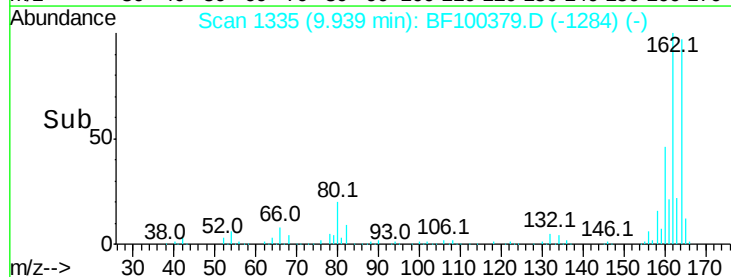
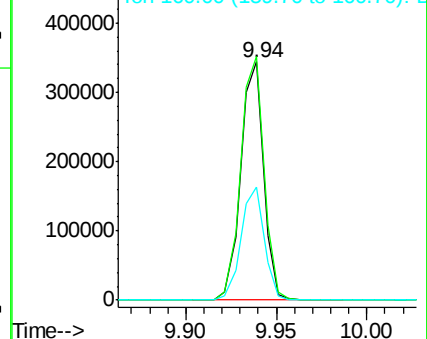
164 100

162 102.2 86.1 129.1

160 47.5 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

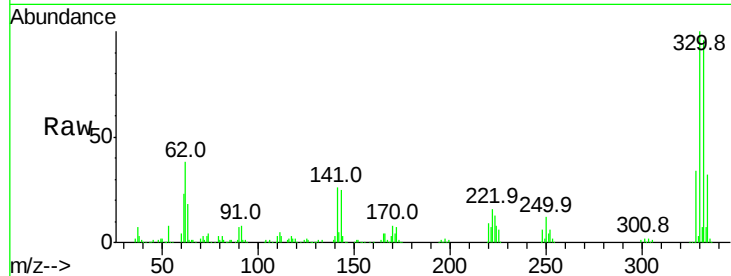




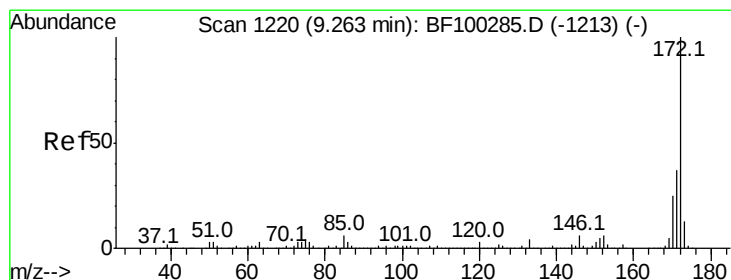
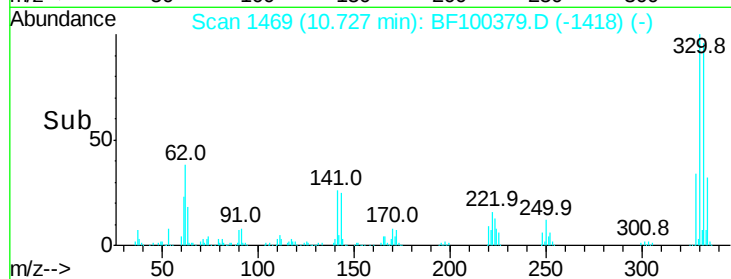
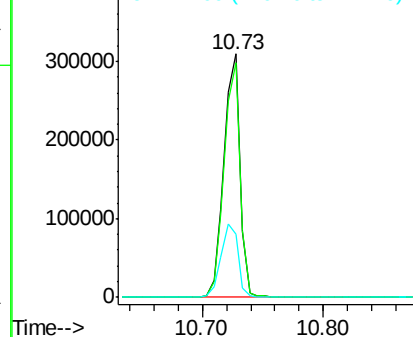
#41
 2,4,6-Tribromophenol
 Concen: 92.659 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100379.D
 Acq: 10 Nov 2017 9:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.6	29.9	44.9

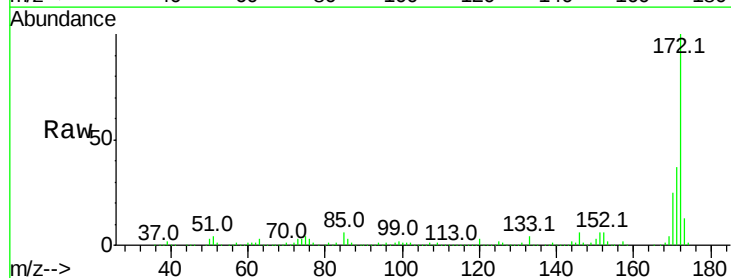


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

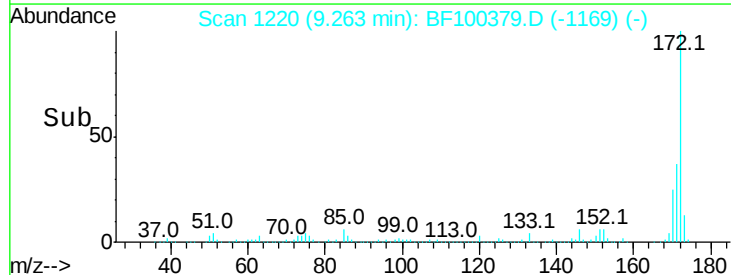
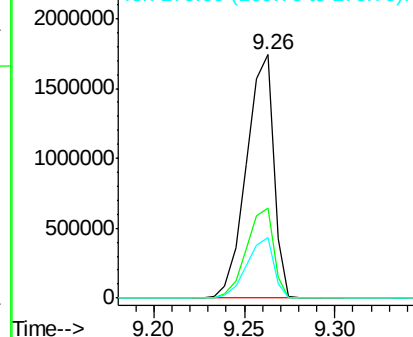


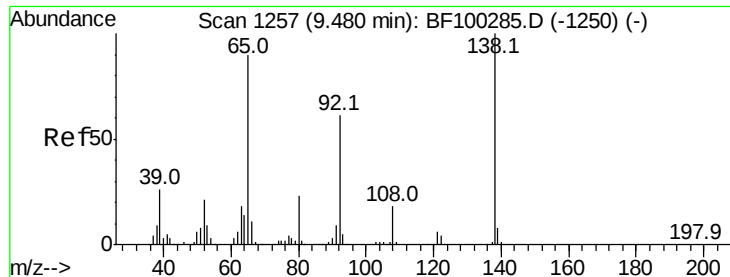
#44
 2-Fluorobiphenyl
 Concen: 92.468 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100379.D
 Acq: 10 Nov 2017 9:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	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

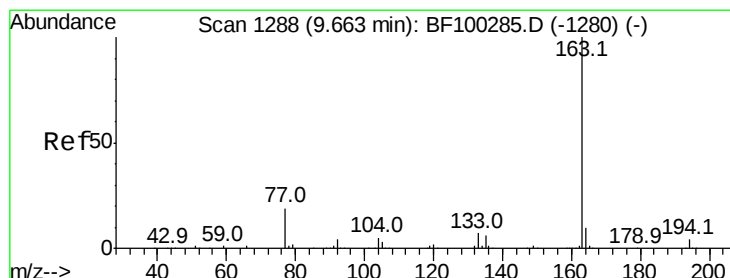
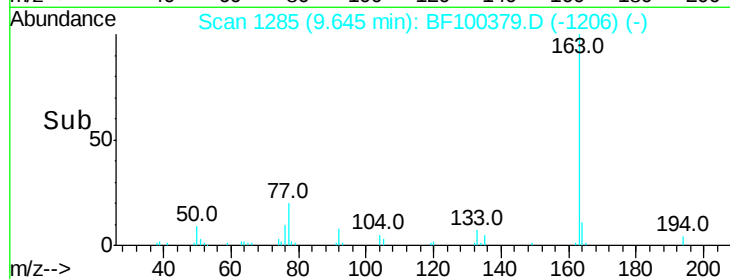
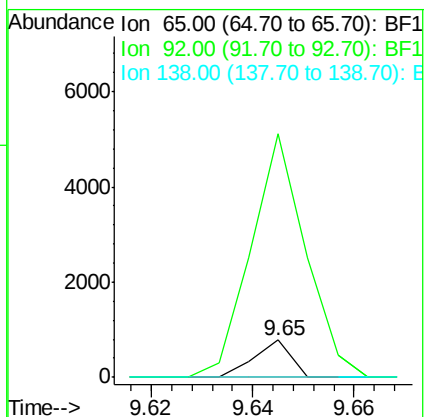
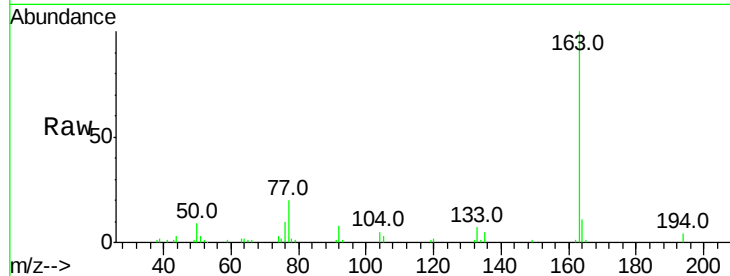




#47
2-Nitroaniline
Concen: 2.850 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

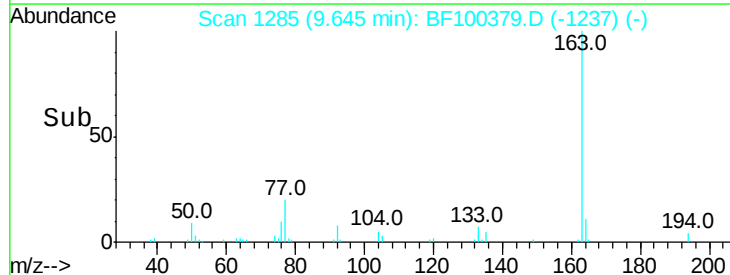
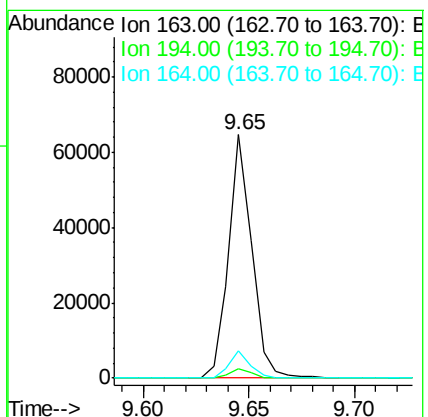
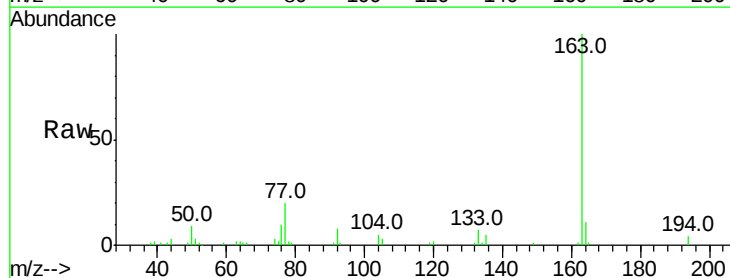
Instrument :
BNA_F
ClientSampleId :

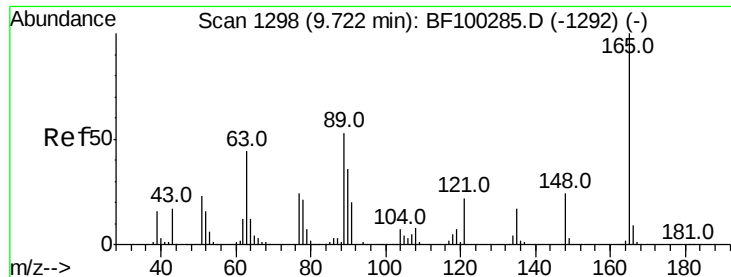
Tot Ion: 65 Resp: 393
Ion Ratio Lower Upper
65 100
92 657.6 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 2.136 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

Tgt Ion:163 Resp: 49061
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.5 8.2 12.2

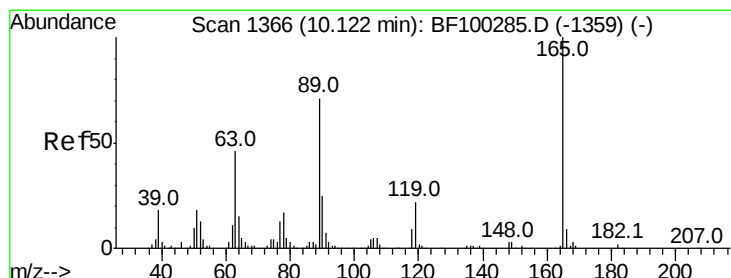
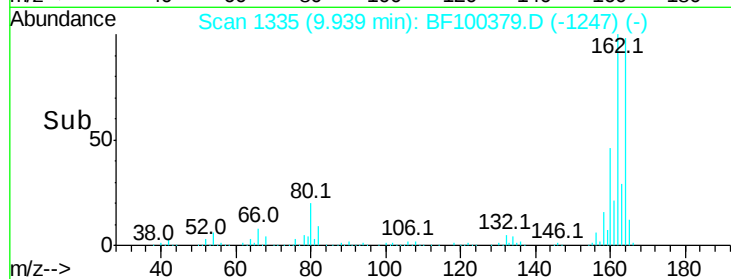
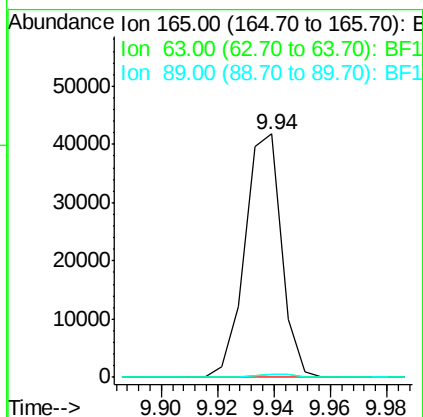
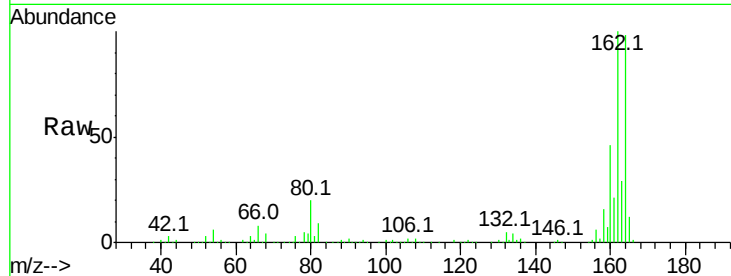




#50
 2,6-Dinitrotoluene
 Concen: 8.256 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100379.D
 Acq: 10 Nov 2017 9:40

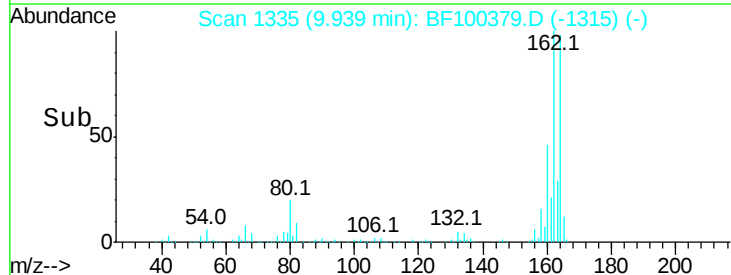
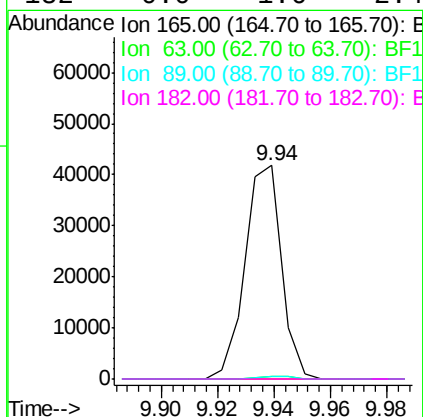
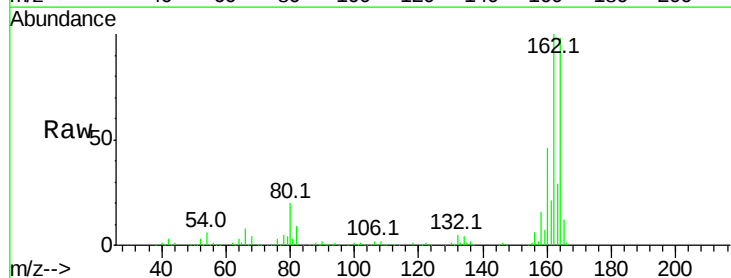
Instrument :
 BNA_F
 ClientSampled :

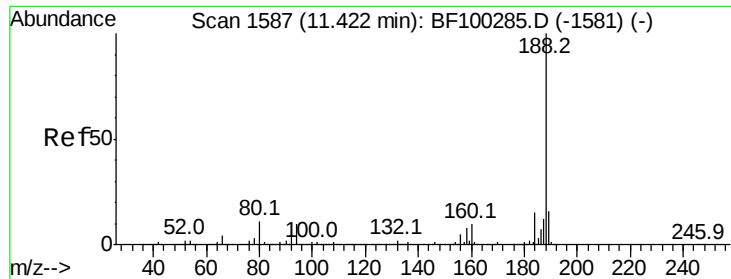
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.544 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF100379.D
 Acq: 10 Nov 2017 9:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

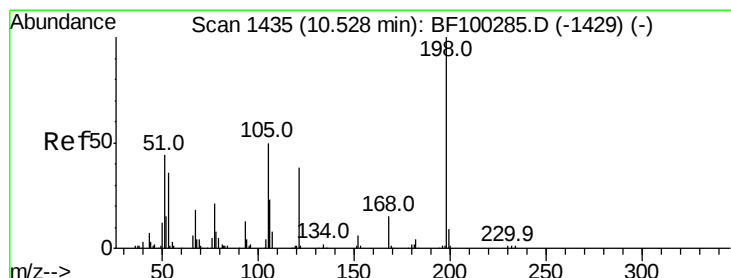
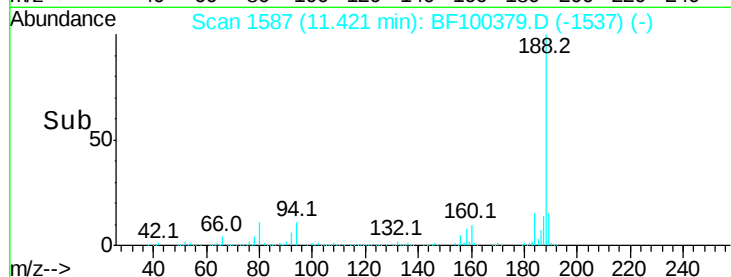
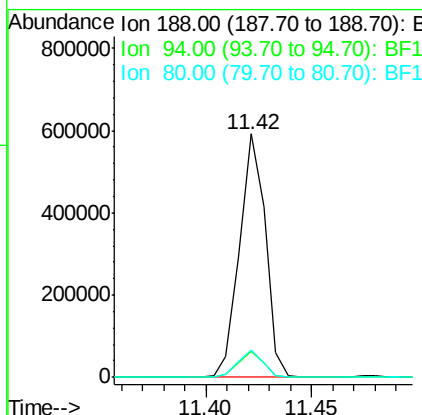
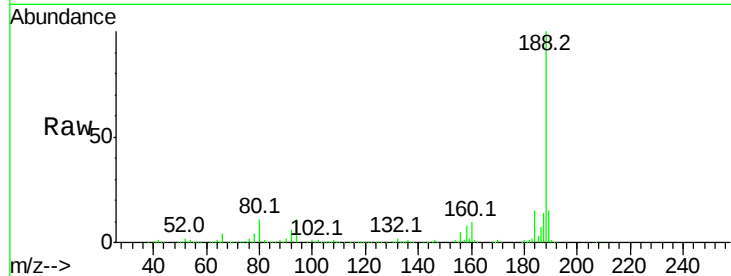




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

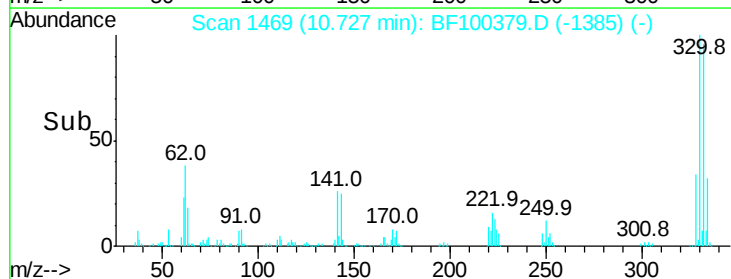
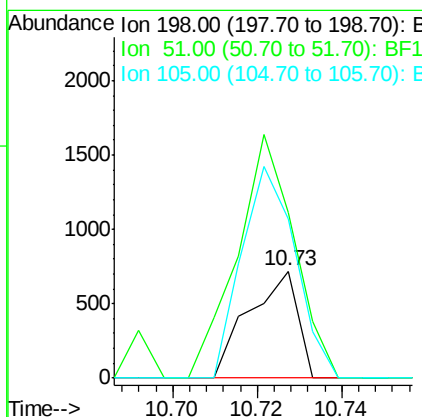
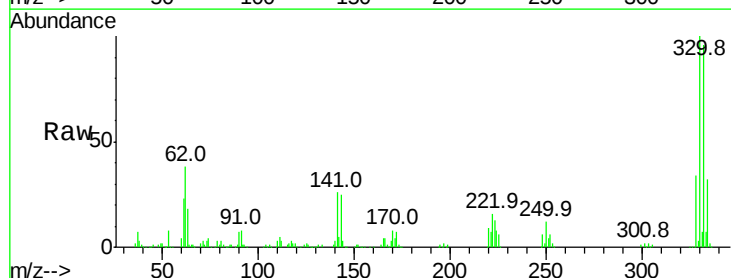
Instrument :
BNA_F
ClientSampleId :

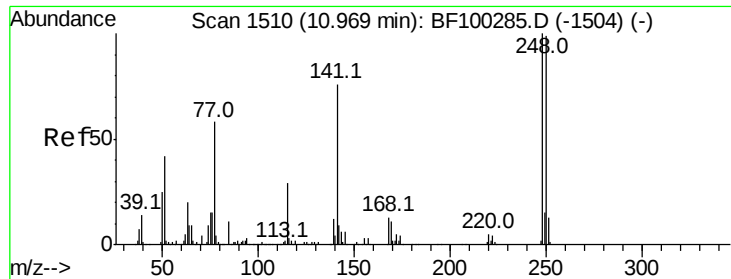
Tot Ion:188 Resp: 502393
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.757 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

Tgt Ion:198 Resp: 578
Ion Ratio Lower Upper
198 100
51 155.4 37.7 77.7#
105 149.2 36.3 76.3#

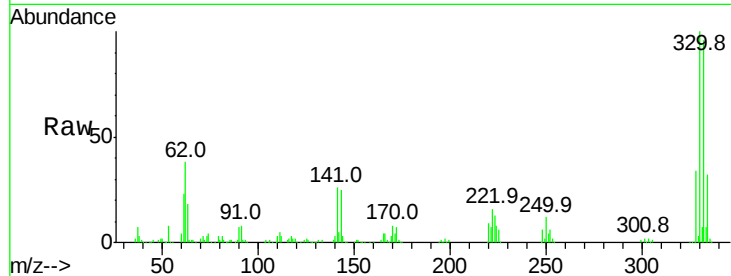




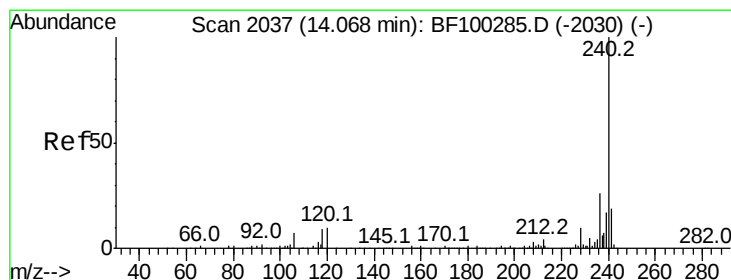
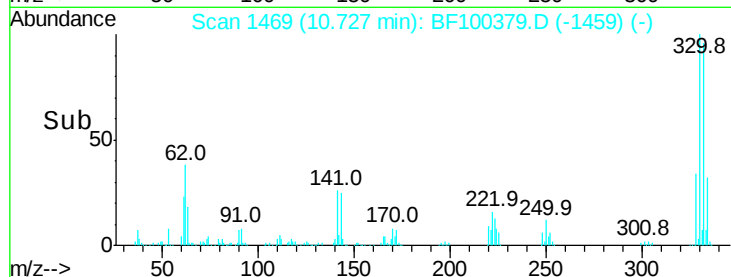
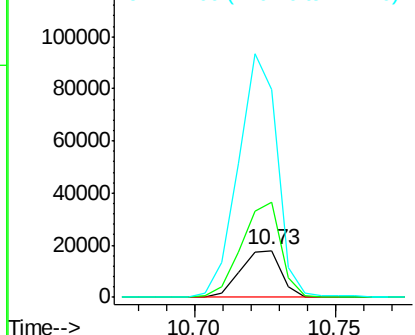
#66
4-Bromophenyl-phenylether
Concen: 3.350 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18044
Ion Ratio Lower Upper
248 100
250 204.2 76.9 115.3#
141 441.8 74.4 111.6#

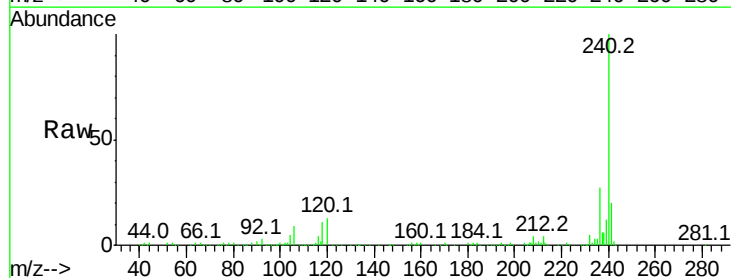


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

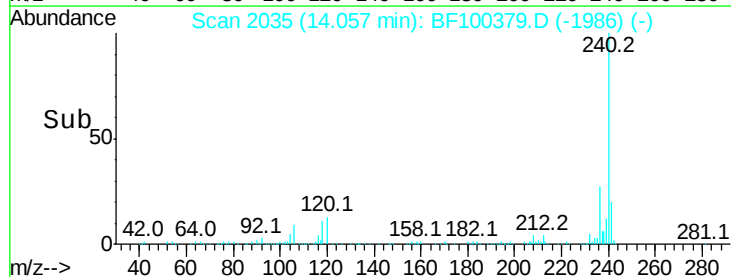
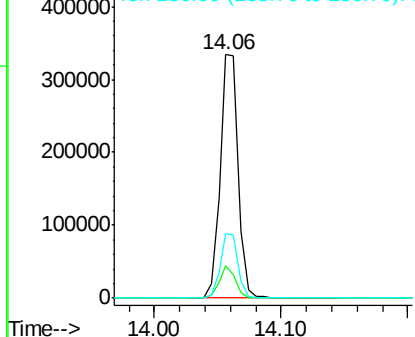


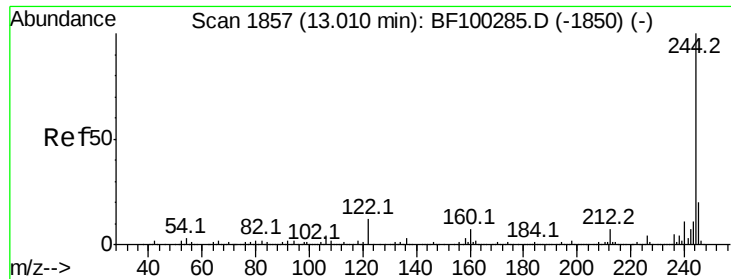
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100379.D
Acq: 10 Nov 2017 9:40

Tgt Ion:240 Resp: 331383
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 26.5 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: 91.037 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100379.D

Acq: 10 Nov 2017 9:40

Instrument :

BNA_F

ClientSampleId :

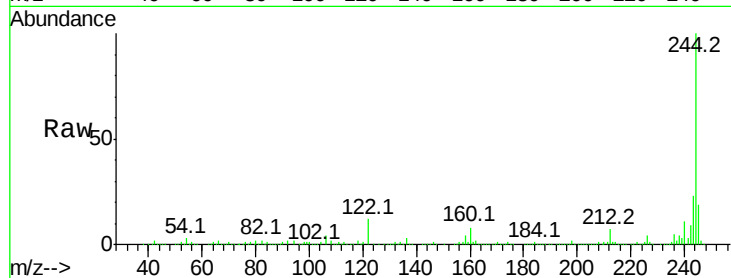
Tot Ion:244 Resp: 1312964

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

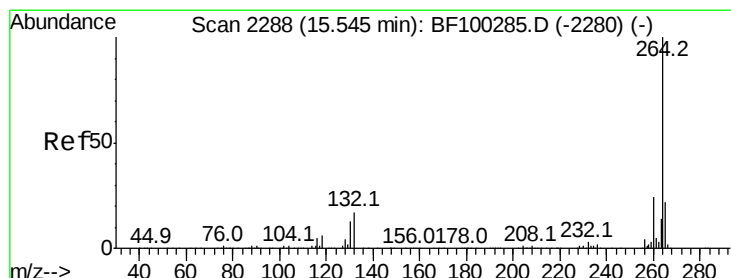
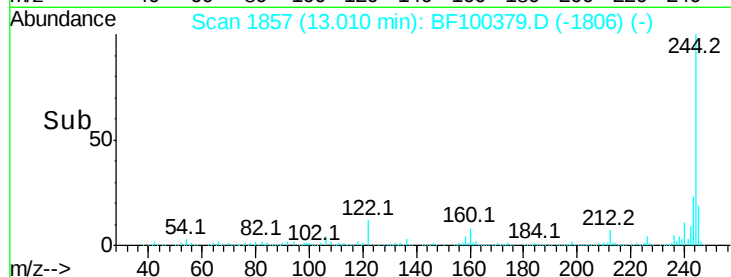
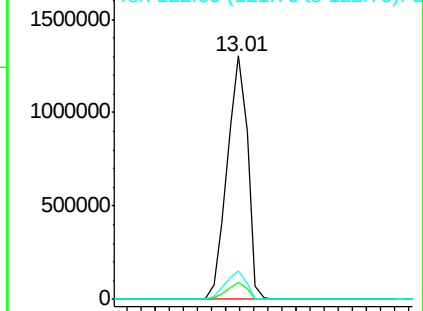
122 11.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100379.D

Acq: 10 Nov 2017 9:40

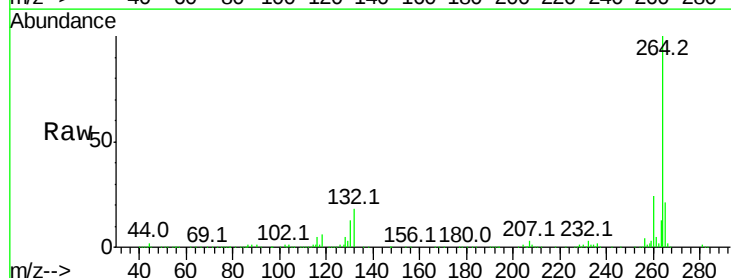
Tgt Ion:264 Resp: 335049

Ion Ratio Lower Upper

264 100

260 23.8 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

