

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100141.D
 Acq On : 3 Nov 2017 18:16
 Operator : SJ/JU
 Sample : I6276-02 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 19:25:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

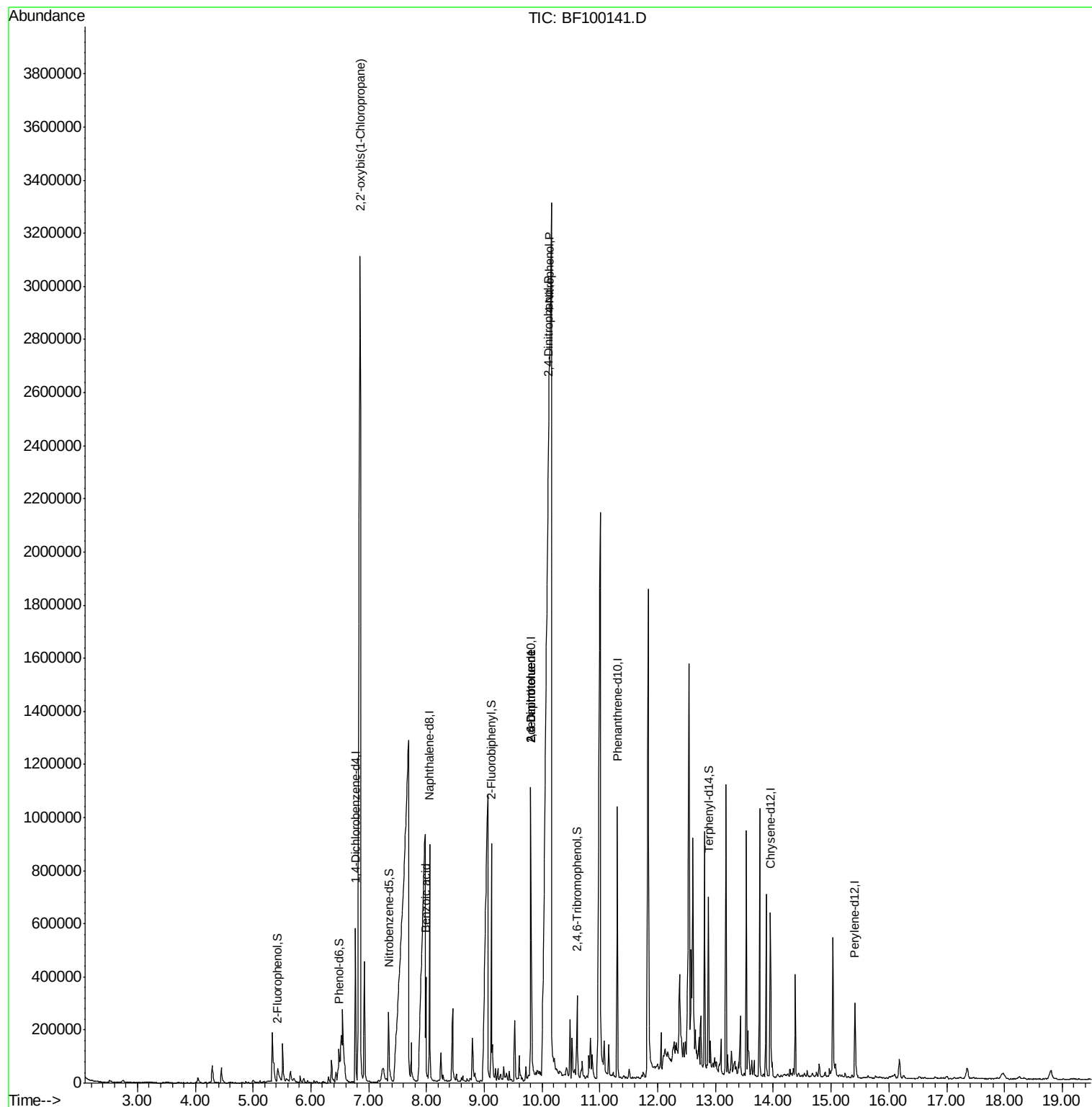
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	101194	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	417704	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	199654	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	347559	20.00	ng	0.00
75) Chrysene-d12	13.95	240	217992	20.00	ng	0.00
86) Perylene-d12	15.41	264	149185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	46722	7.25	ng	0.03
7) Phenol-d6	6.48	99	50815	6.65	ng	0.05
23) Nitrobenzene-d5	7.35	82	109984	16.95	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	29139	16.02	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	264073	20.41	ng	0.00
78) Terphenyl-d14	12.88	244	224787	22.53	ng	0.00
Target Compounds						
16) 2,2'-oxybis(1-Chloropropan	6.85	45	25755	3.578	ng	84
32) Benzoic acid	7.99	122	55979	11.528	ng	93
50) 2,6-Dinitrotoluene	9.80	165	25664	7.721	ng	# 25
53) 2,4-Dinitrophenol	10.11	184	112	5.840	ng	# 1
55) 4-Nitrophenol	10.12	139	13095	6.399	ng	# 66
56) 2,4-Dinitrotoluene	9.80	165	25664	6.411	ng	# 23

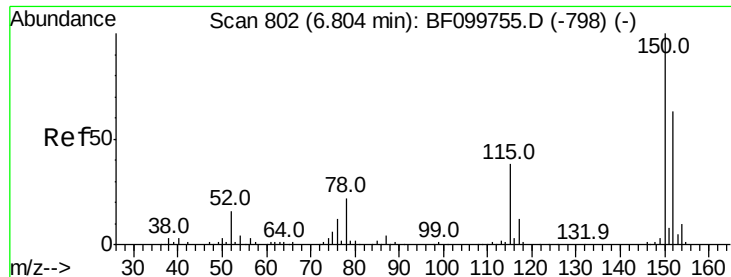
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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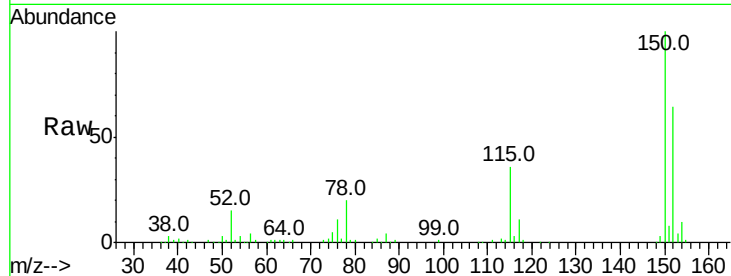


#1

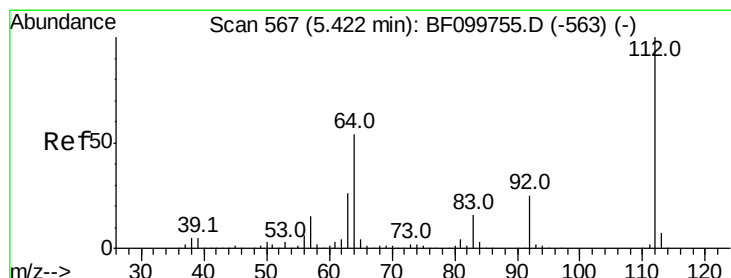
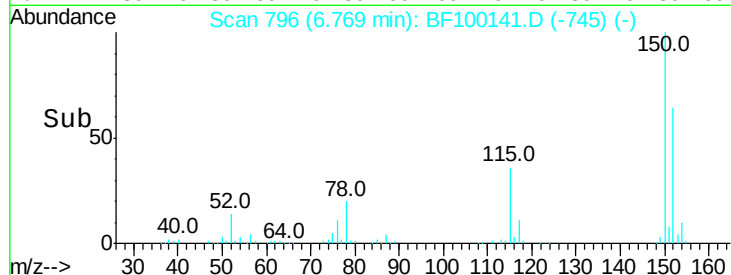
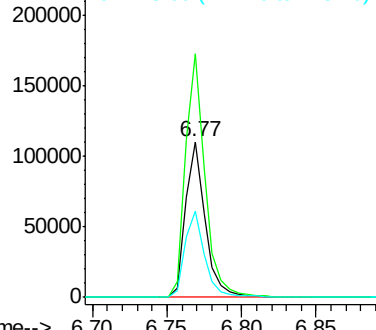
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101194
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 55.7 50.1 75.1



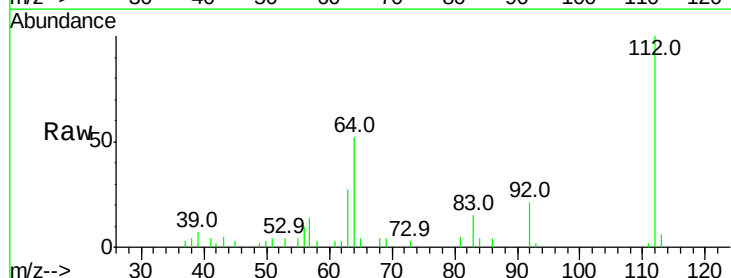
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



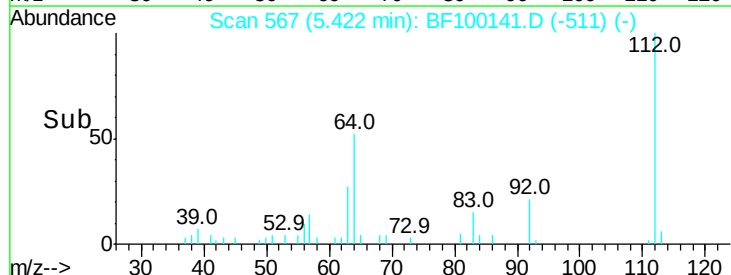
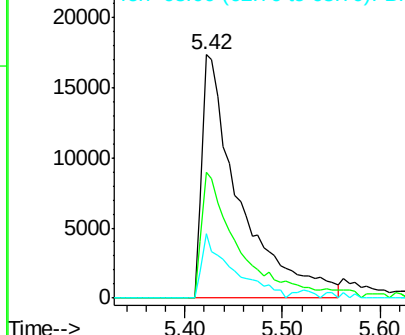
#5

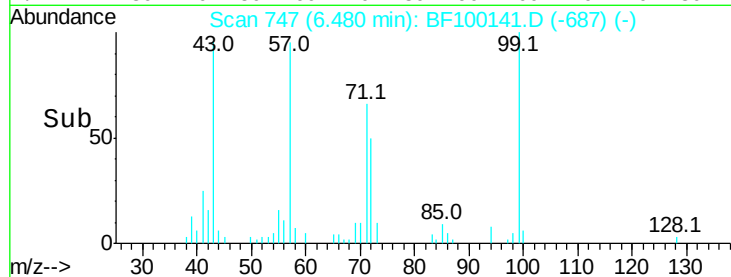
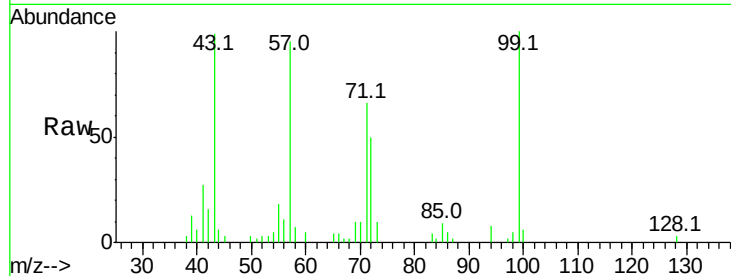
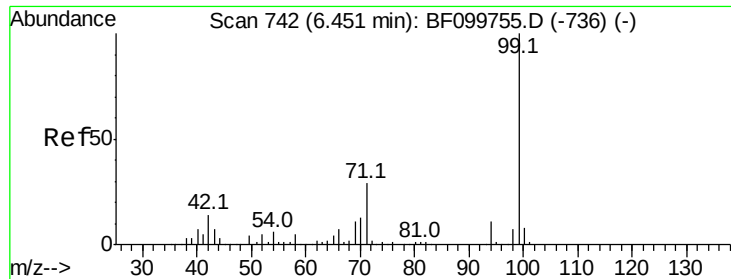
2-Fluorophenol
Concen: 7.249 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

Tgt Ion:112 Resp: 46722
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 26.5 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: 6.649 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.05 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

Instrument :

BNA_F

ClientSampled :

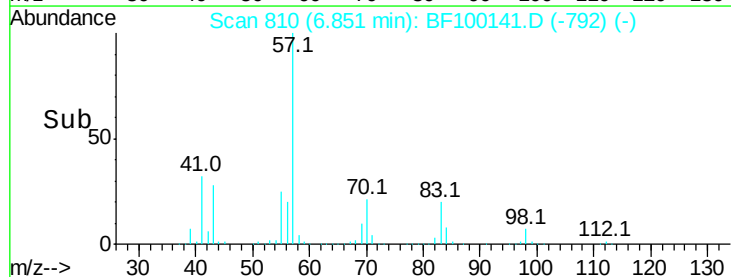
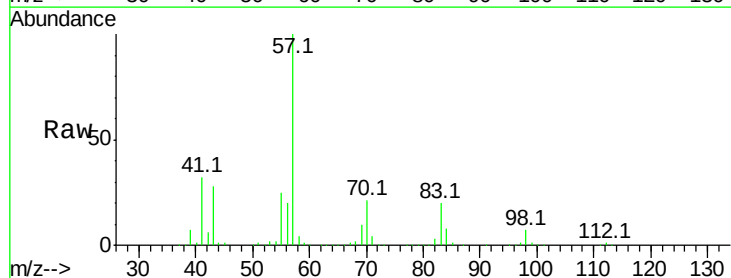
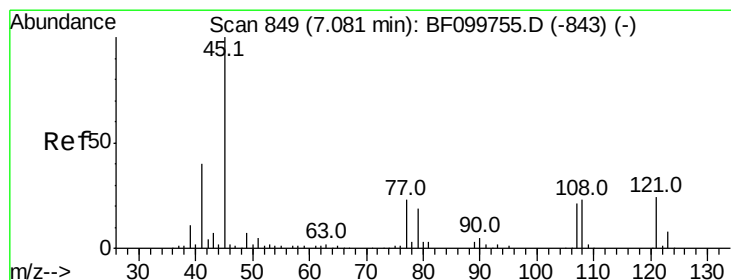
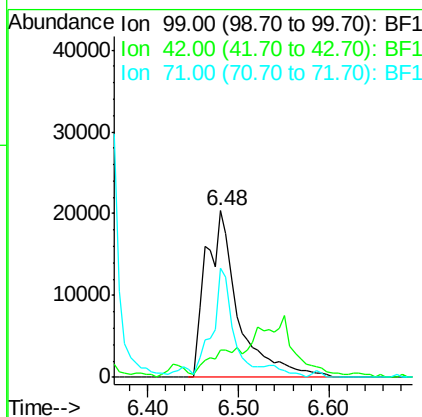
Tot Ion: 99 Resp: 50815

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

71 65.9 25.4 38.0#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.578 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.19 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

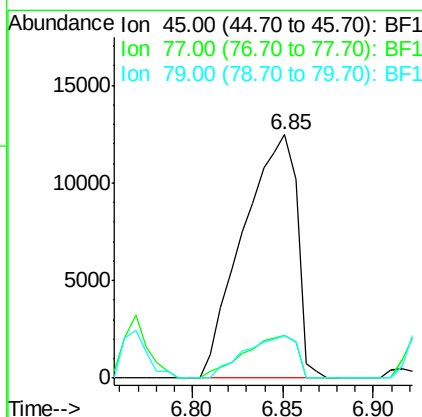
Tgt Ion: 45 Resp: 25755

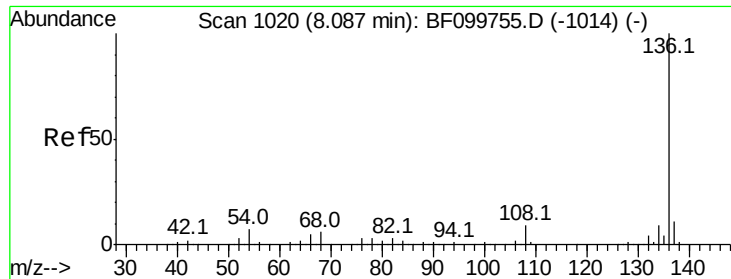
Ion Ratio Lower Upper

45 100

77 17.6 0.0 32.9

79 17.4 0.0 29.6

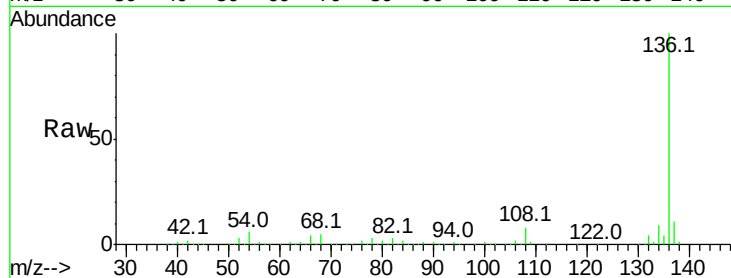




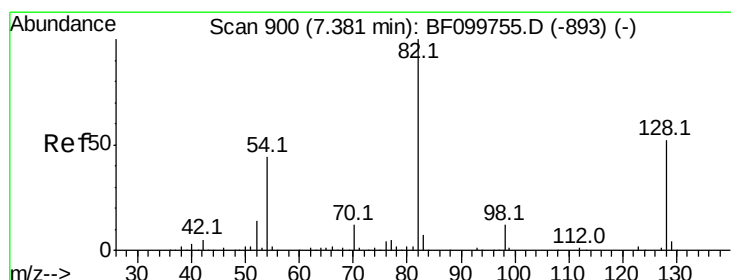
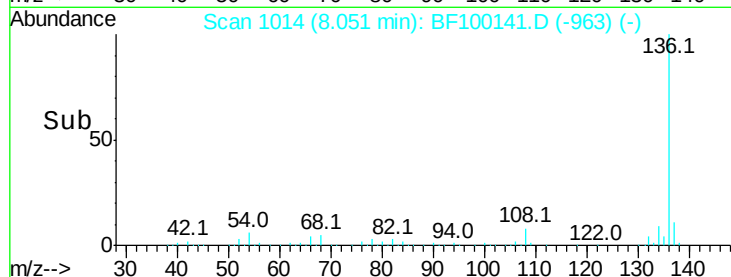
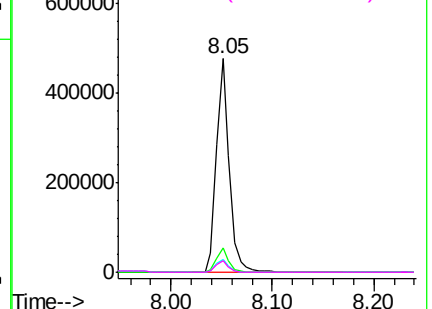
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	417704
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

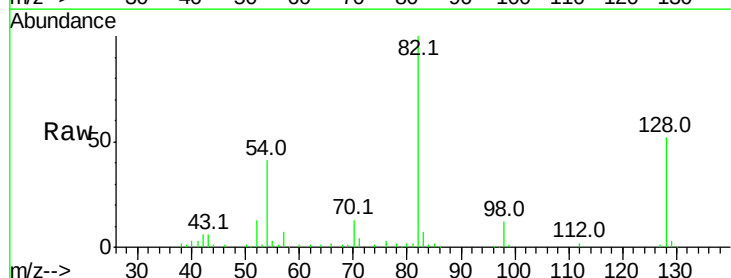


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

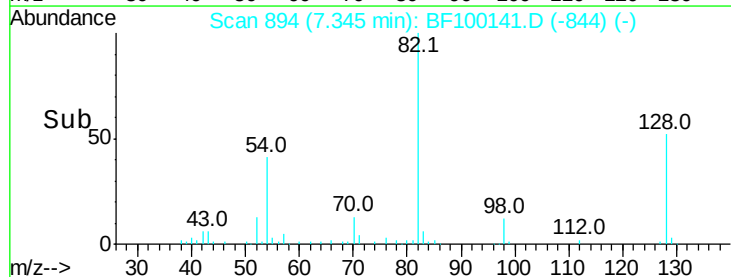
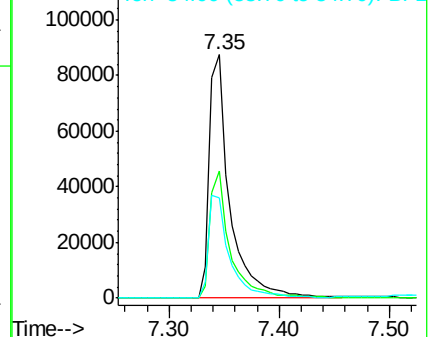


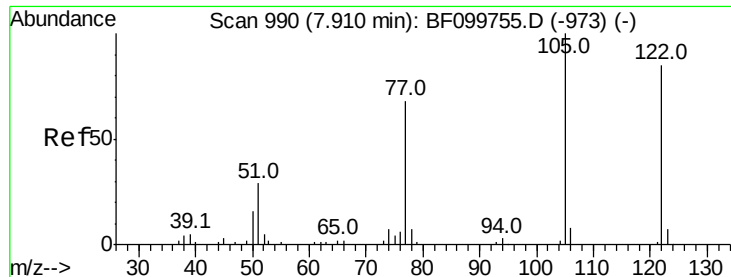
#23
Nitrobenzene-d5
Concen: 16.952 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

Tgt Ion:	82	Resp:	109984
Ion	Ratio	Lower	Upper
82	100		
128	52.4	36.1	54.1
54	41.3	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





#32

Benzoic acid

Concen: 11.528 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

Instrument :

BNA_F

ClientSampleId :

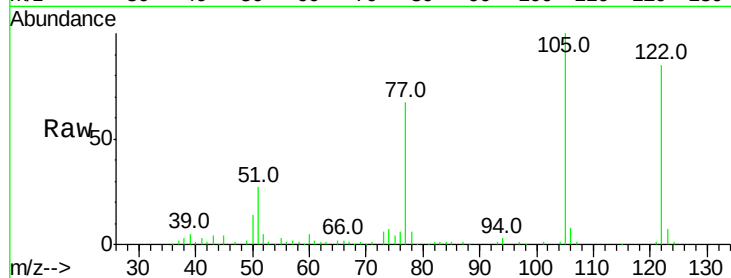
Tot Ion:122 Resp: 55979

Ion Ratio Lower Upper

122 100

105 118.0 101.1 141.1

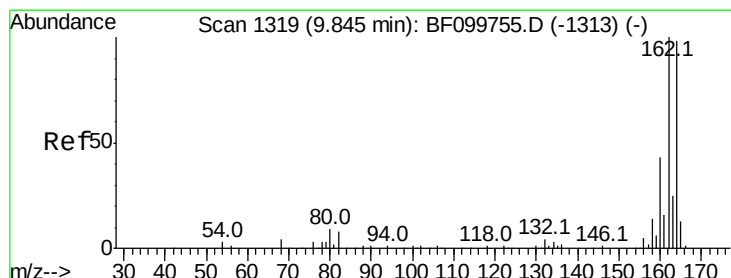
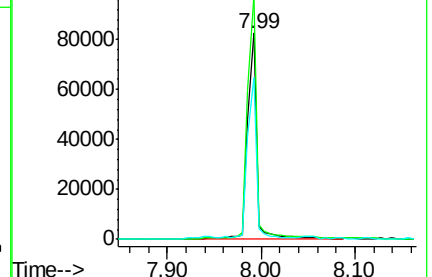
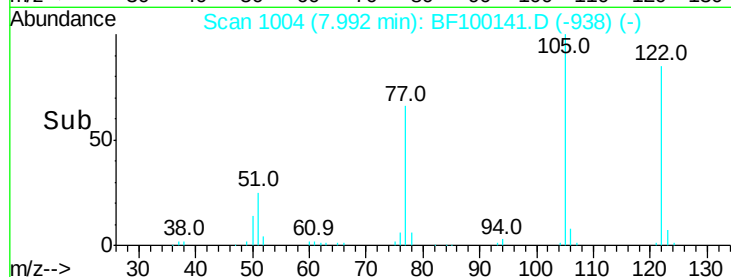
77 78.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

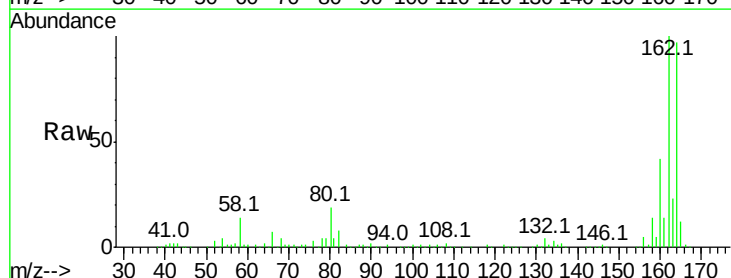
Tgt Ion:164 Resp: 199654

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

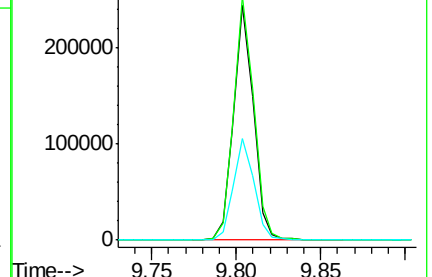
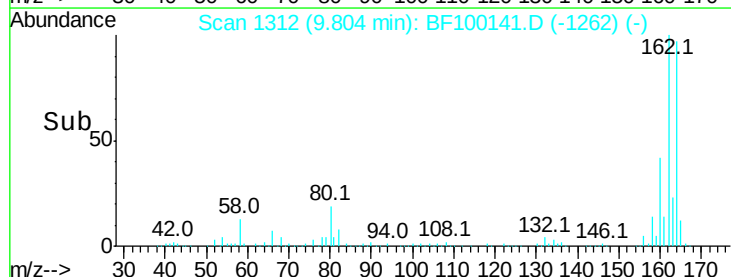
160 43.2 38.3 57.5

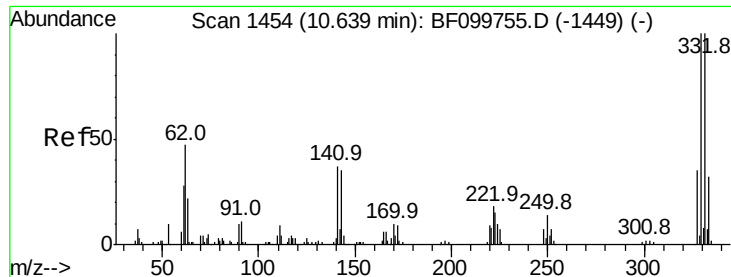


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

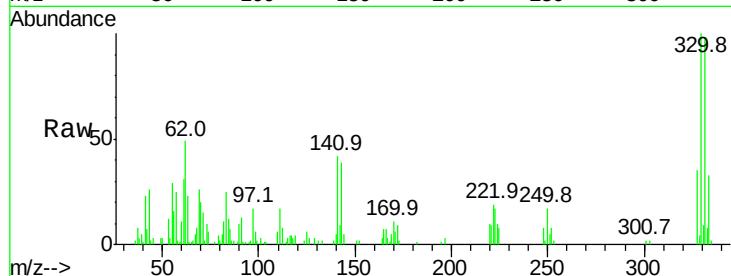




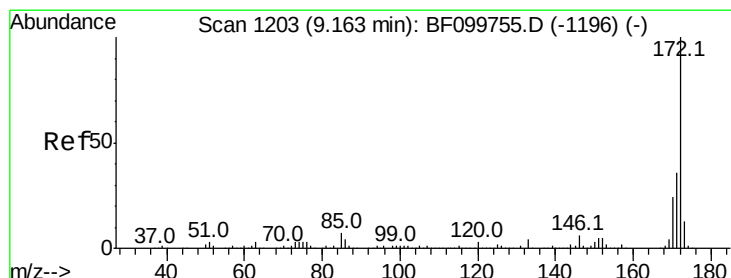
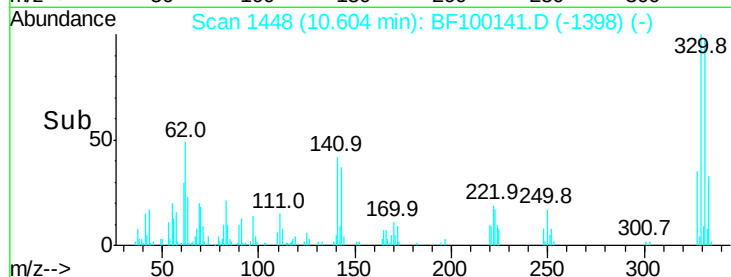
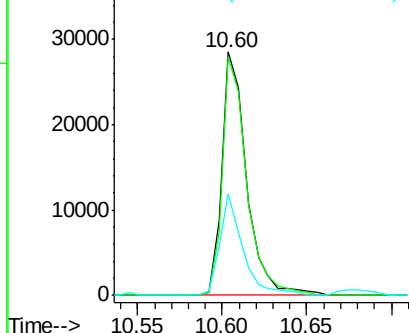
#41
 2,4,6-Tribromophenol
 Concen: 16.015 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100141.D
 Acq: 3 Nov 2017 18:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 29139
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 39.3 29.9 44.9

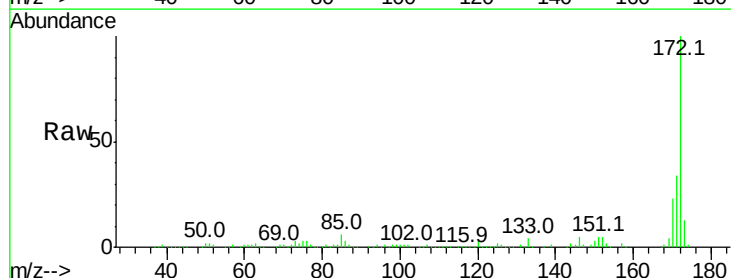


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

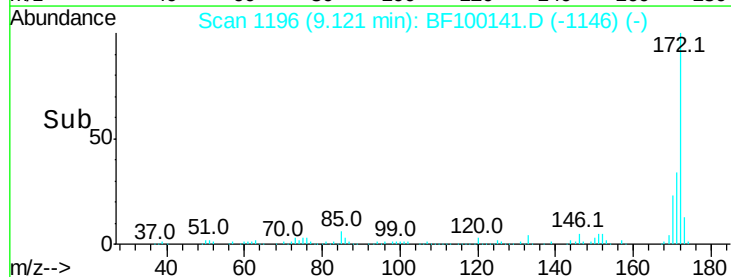
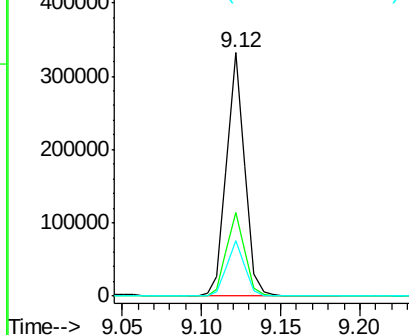


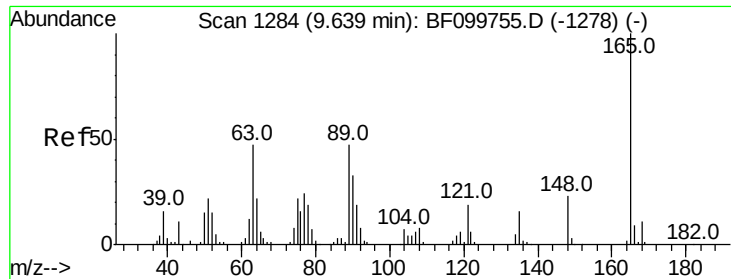
#44
 2-Fluorobiphenyl
 Concen: 20.406 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100141.D
 Acq: 3 Nov 2017 18:16

Tgt Ion:172 Resp: 264073
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 22.6 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

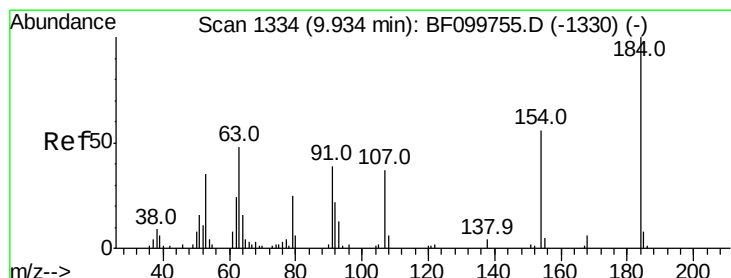
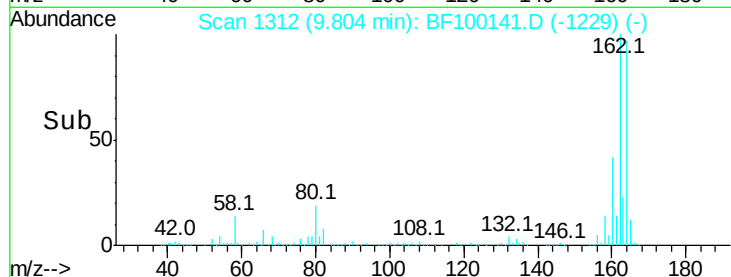
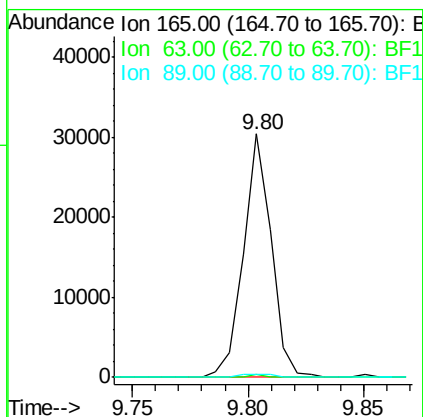
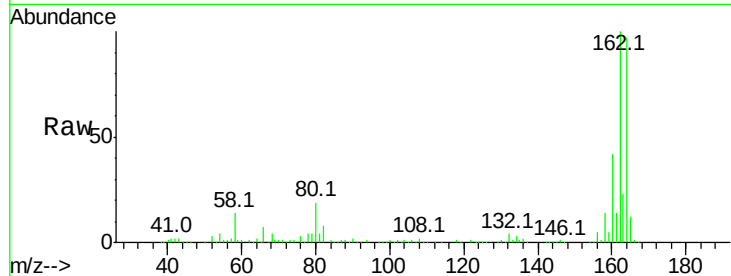




#50
2,6-Dinitrotoluene
Concen: 7.721 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

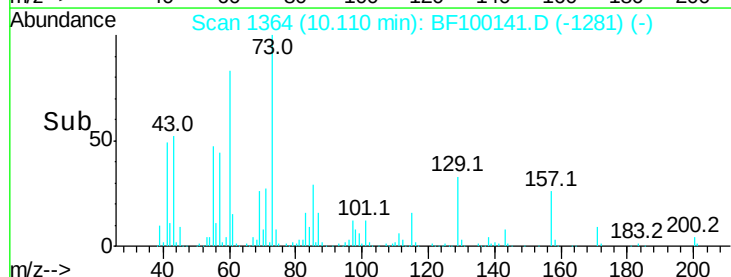
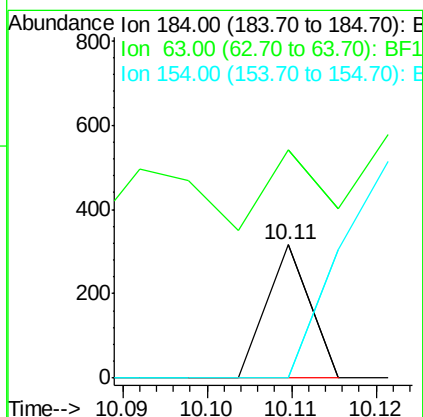
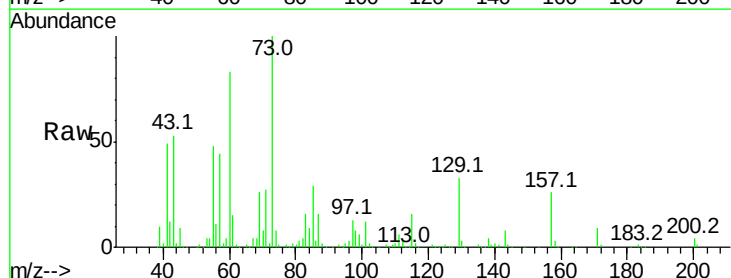
Instrument :
BNA_F
ClientSampleId :

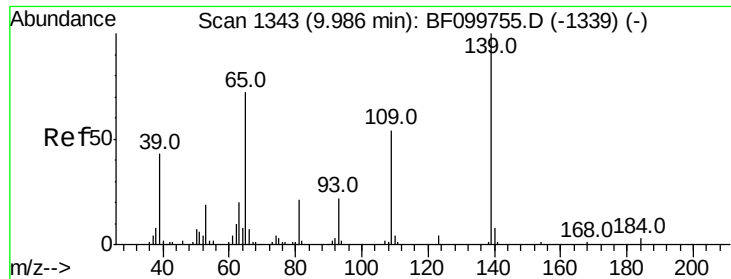
Tot Ion:165 Resp: 25664
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.1 44.0 66.0#



#53
2,4-Dinitrophenol
Concen: 5.840 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.19 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

Tgt Ion:184 Resp: 112
Ion Ratio Lower Upper
184 100
63 171.2 54.2 81.2#
154 0.0 53.5 80.3#





#55

4-Nitrophenol

Concen: 6.399 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.15 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

Instrument :

BNA_F

ClientSampled :

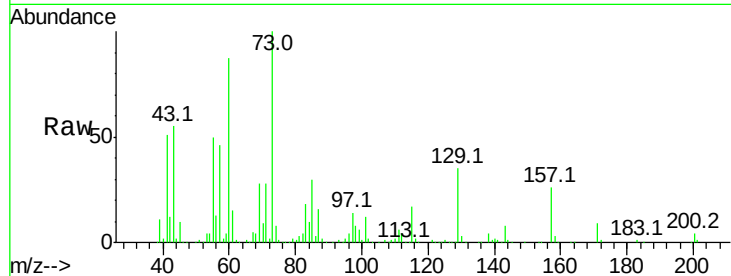
Tot Ion:139 Resp: 13095

Ion Ratio Lower Upper

139 100

109 97.9 48.4 88.4#

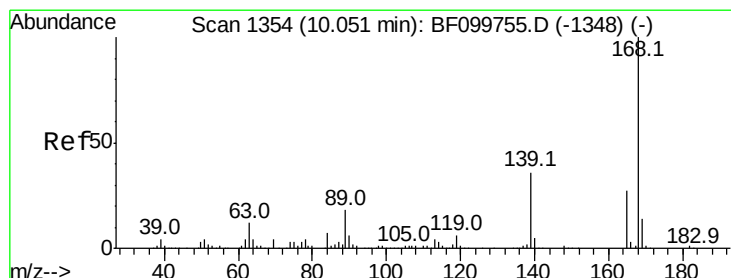
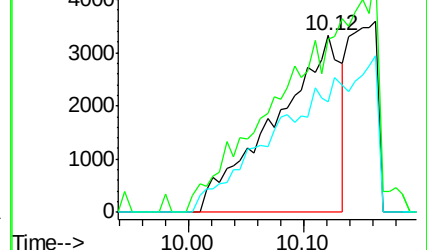
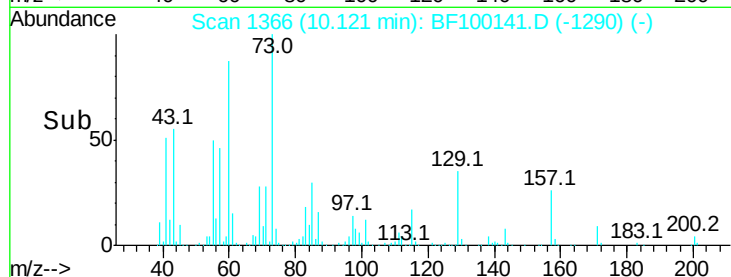
65 62.4 72.6 112.6#



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: 6.411 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.22 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

Tgt Ion:165 Resp: 25664

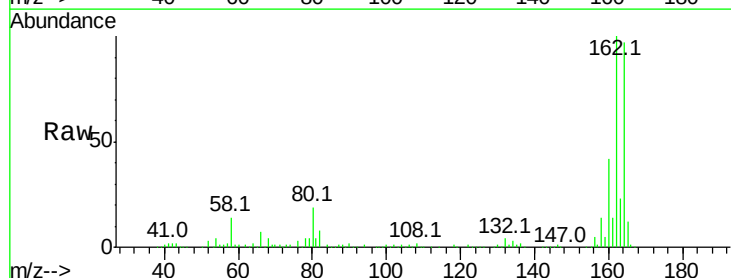
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

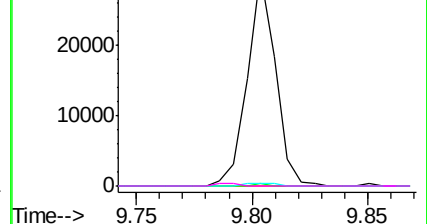
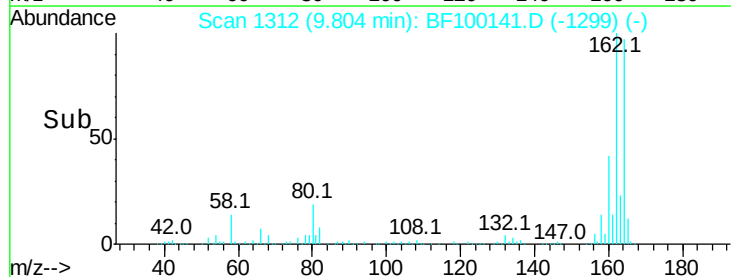


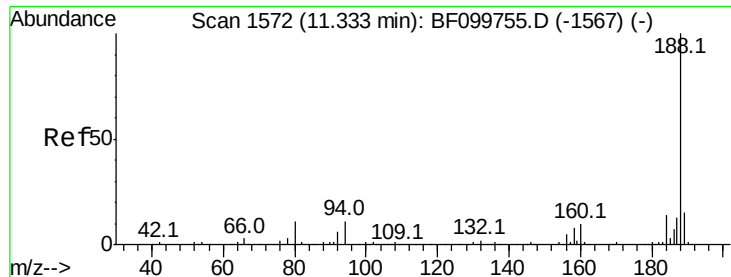
Abundance Ion 165.00 (164.70 to 165.70): E

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

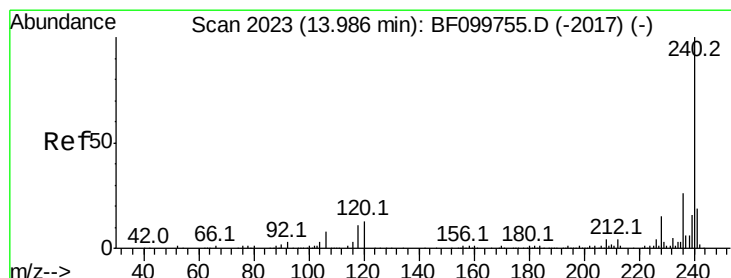
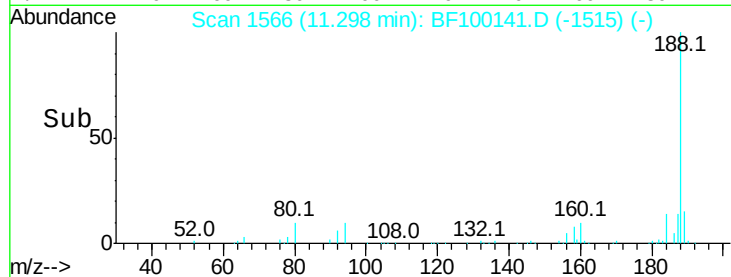
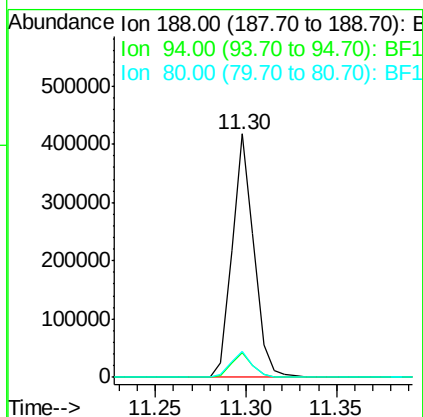
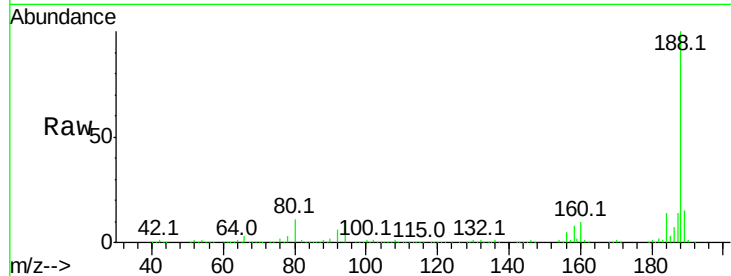




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

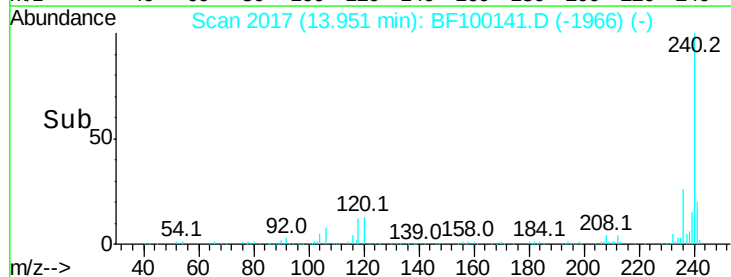
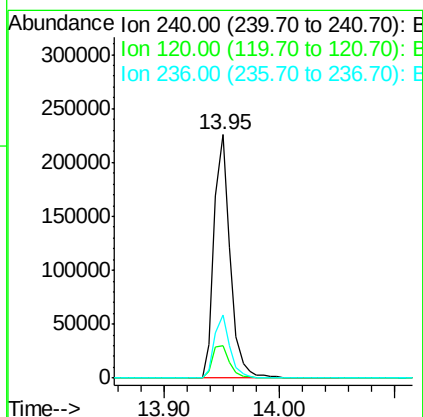
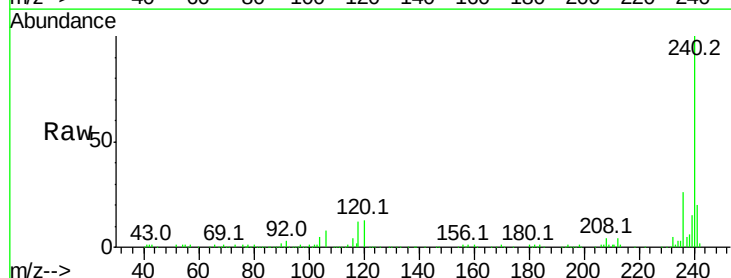
Instrument :
BNA_F
ClientSampled :

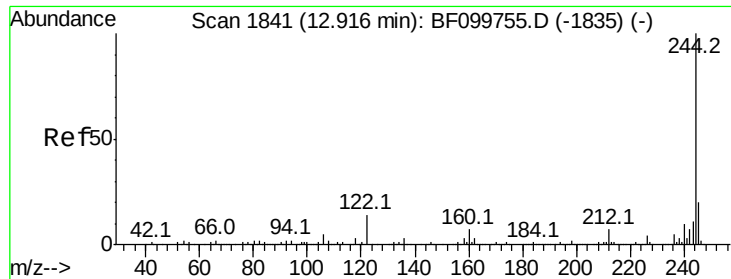
Tot Ion:188 Resp: 347559
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF100141.D
Acq: 3 Nov 2017 18:16

Tgt Ion:240 Resp: 217992
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 22.535 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

Instrument :

BNA_F

ClientSampleId :

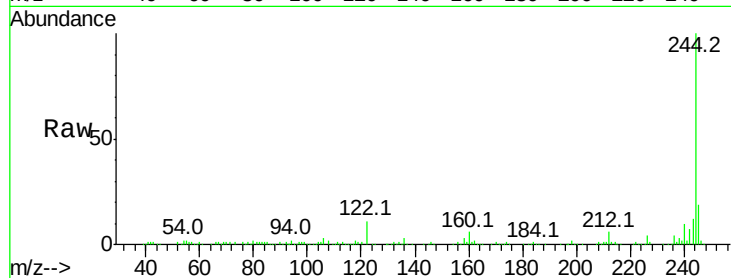
Tot Ion:244 Resp: 224787

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

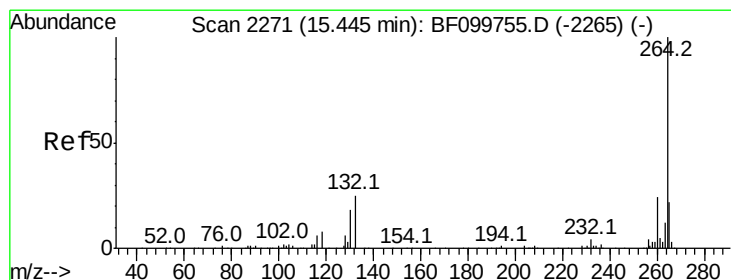
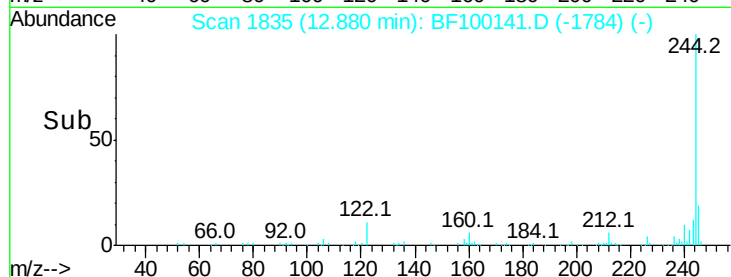
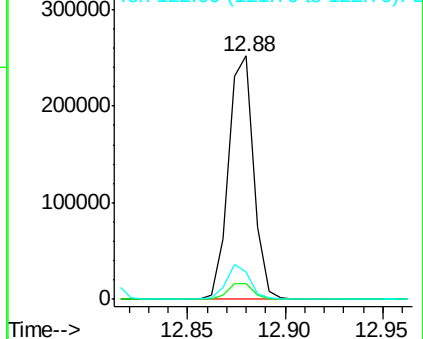
122 11.2 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BF100141.D

Acq: 3 Nov 2017 18:16

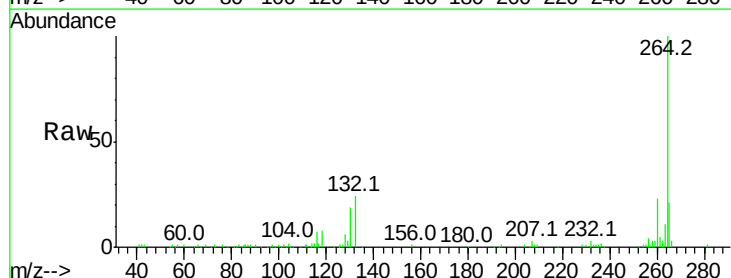
Tgt Ion:264 Resp: 149185

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.9 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

