

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111153.D
 Acq On : 6 Dec 2018 22:11
 Operator : JU/SJ
 Sample : J6204-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 22:57:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

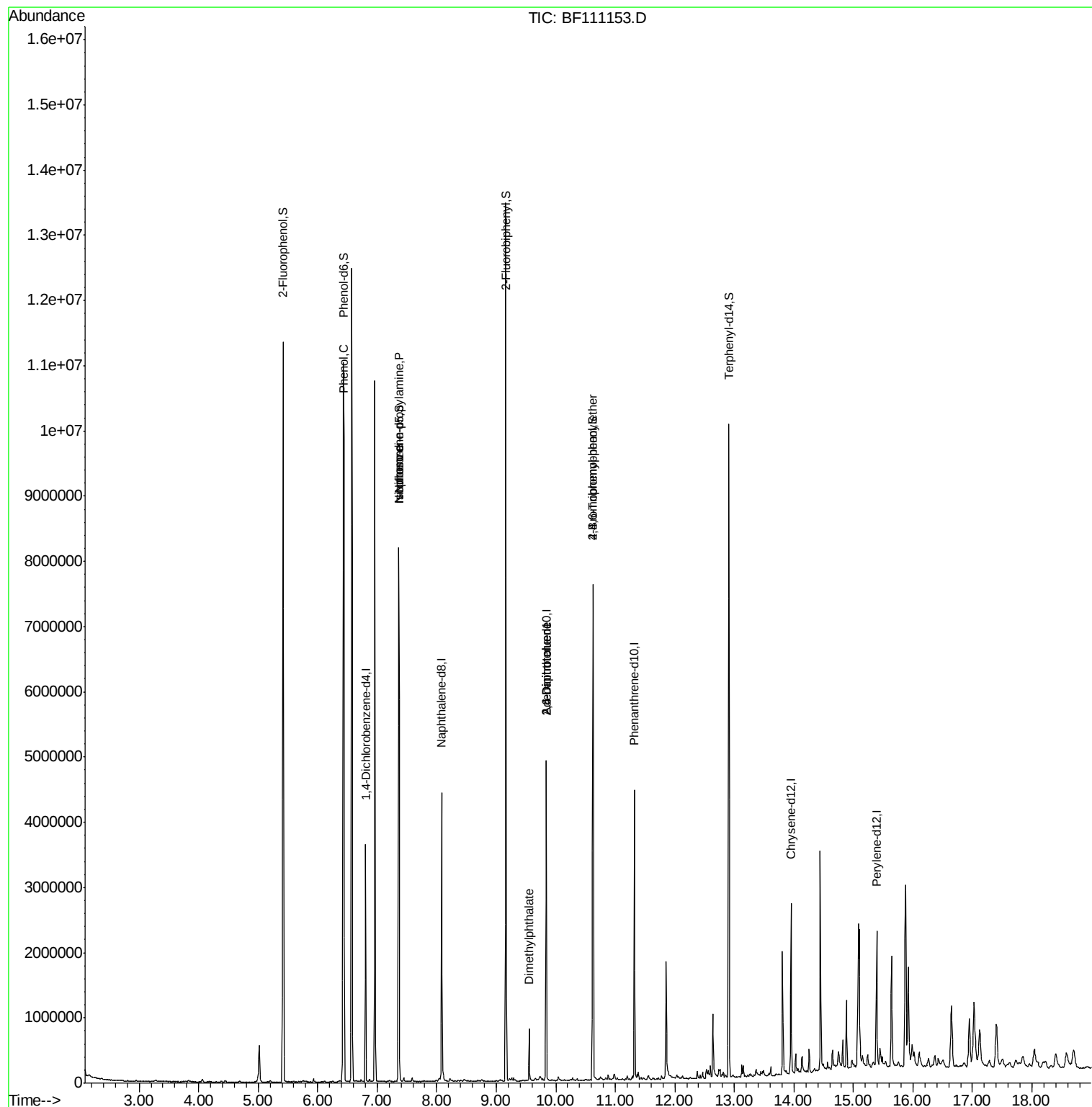
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	459627	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1808651	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	858346	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1395345	20.00	ng	0.00
76) Chrysene-d12	13.95	240	837204	20.00	ng	0.00
87) Perylene-d12	15.39	264	902941	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3160653	107.31	ng	0.00
7) Phenol-d6	6.43	99	4042442	106.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	2602326	85.18	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	833326	122.14	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4096982	89.04	ng	0.00
79) Terphenyl-d14	12.91	244	3040984	74.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	10460	Below Cal		Qvalue
10) Phenol	6.45	94	279807	6.763	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	352712	13.833	ng	# 74
25) Isophorone	7.36	82	2591216	46.217	ng	# 65
50) Dimethylphthalate	9.55	163	282876	4.735	ng	# 98
51) 2,6-Dinitrotoluene	9.84	165	111722	8.821	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	111722	6.830	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	57730	3.908	ng	# 1

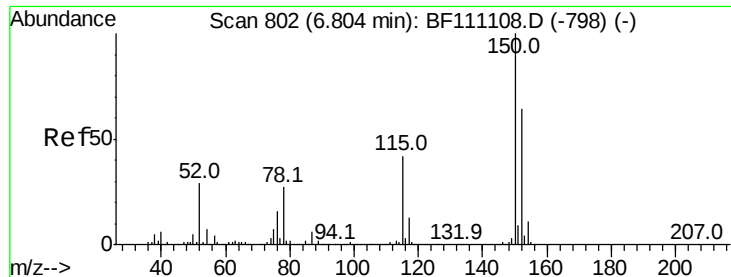
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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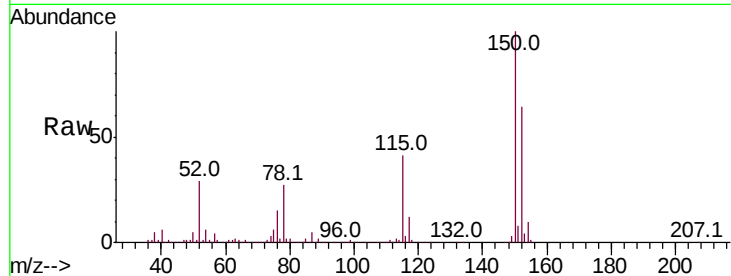


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	187.0
115	64.1	52.2	78.2

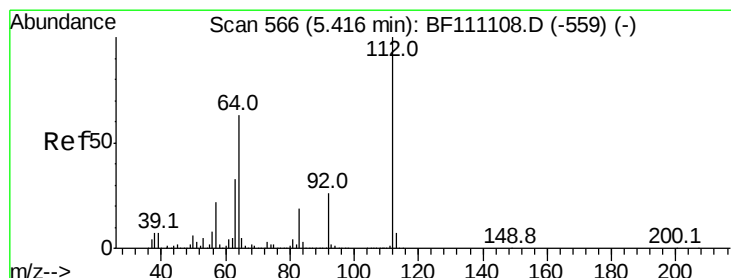
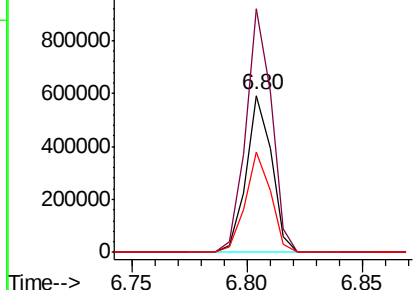
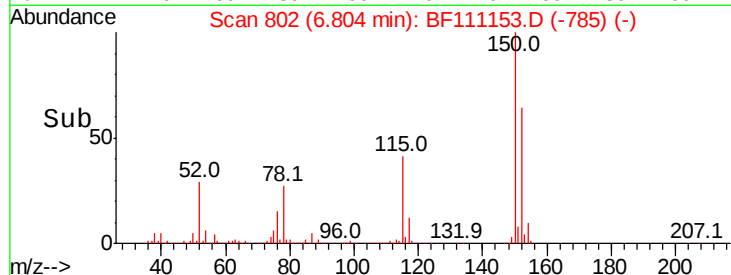


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

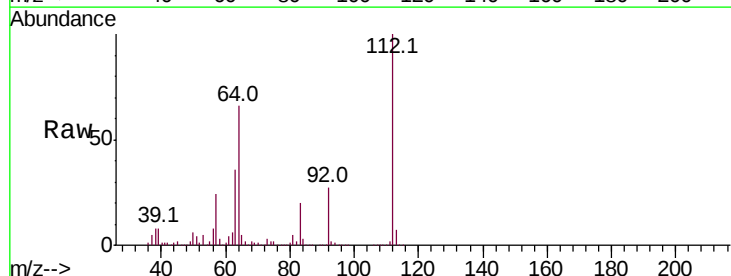
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.306 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	50.2	75.4
63	36.2	26.6	39.8

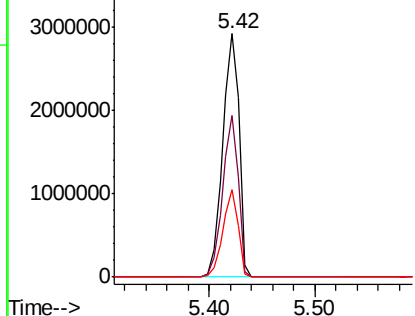
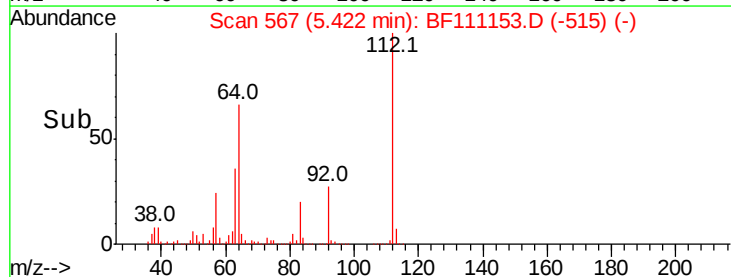


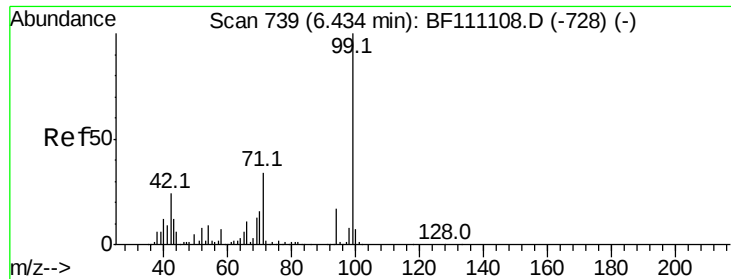
Abundance

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: 106.541 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111153.D

Acq: 6 Dec 2018 22:11

Instrument :

BNA_F

ClientSampleId :

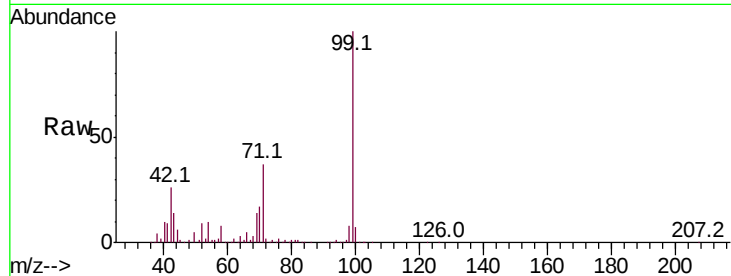
Tot Ion: 99 Resp: 4042442

Ion Ratio Lower Upper

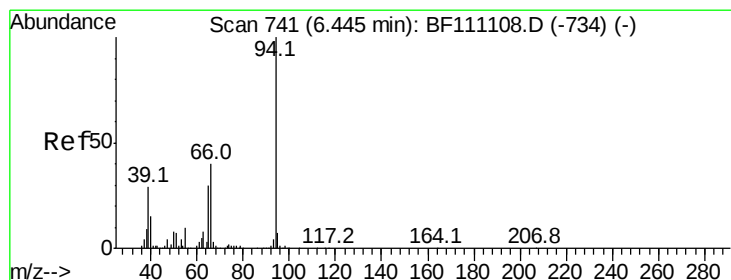
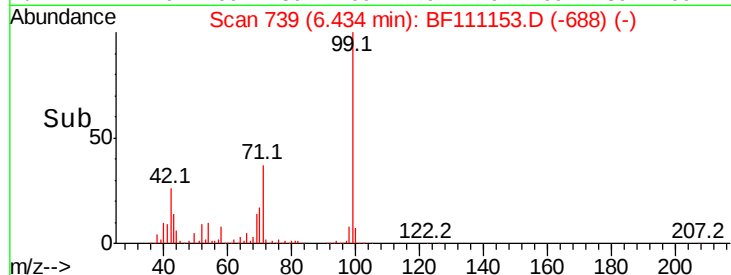
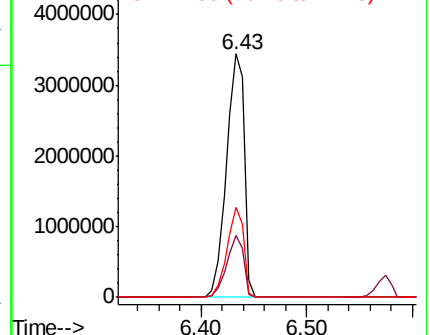
99 100

42 25.6 19.3 28.9

71 36.8 27.4 41.2



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



#10

Phenol

Concen: 6.763 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111153.D

Acq: 6 Dec 2018 22:11

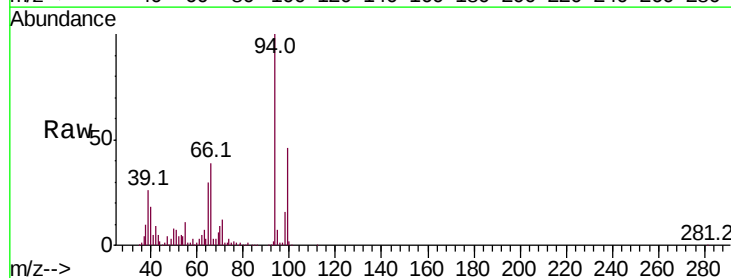
Tgt Ion: 94 Resp: 279807

Ion Ratio Lower Upper

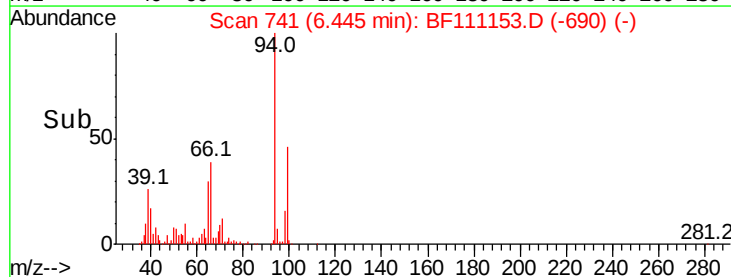
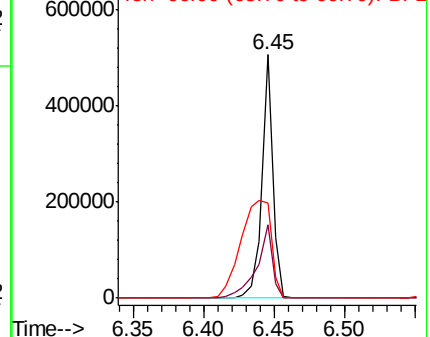
94 100

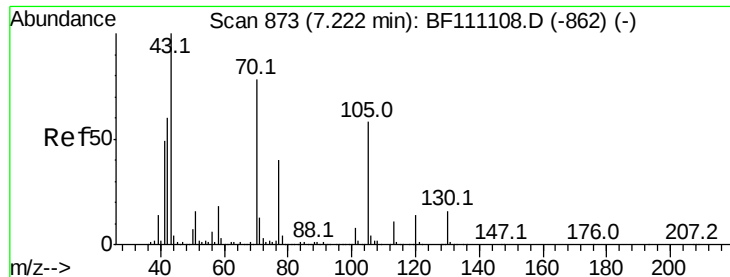
65 30.2 10.5 50.5

66 39.1 19.8 59.8



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

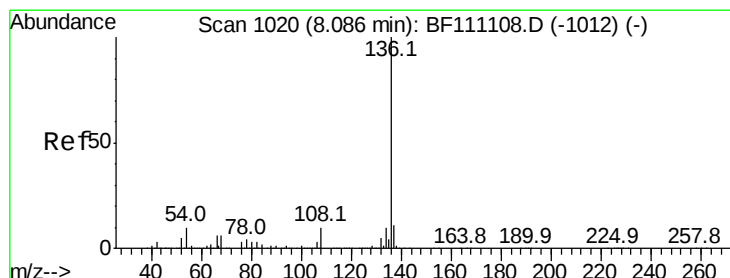
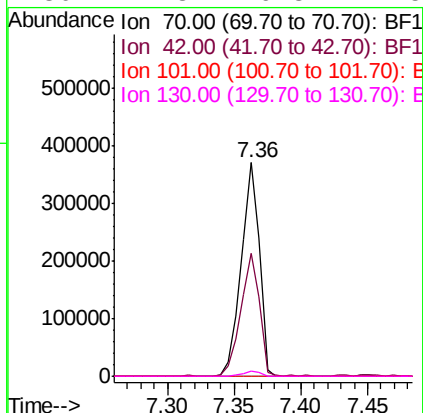
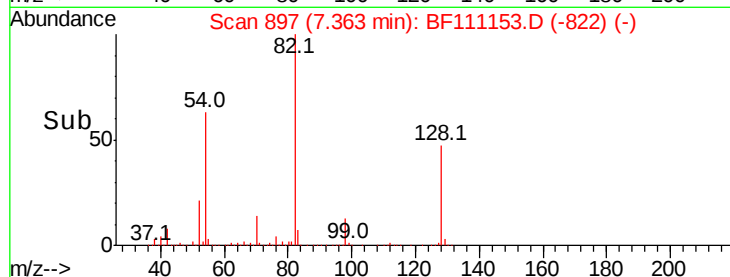
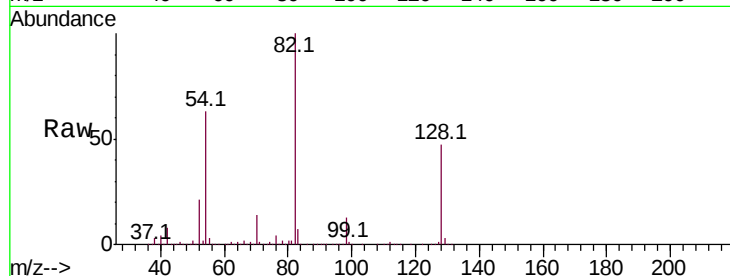




#19
n-Nitroso-di-n-propylamine
Concen: 13.833 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

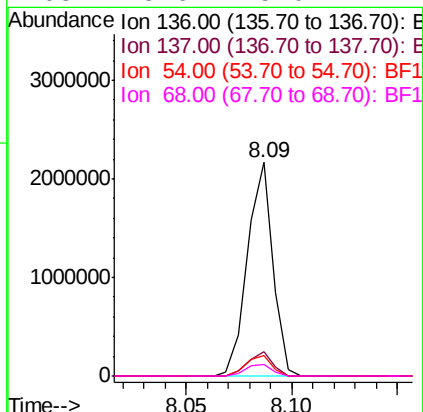
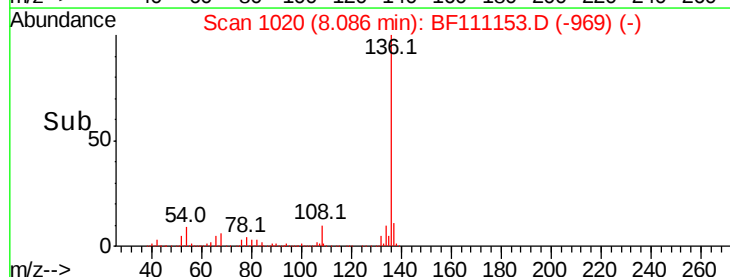
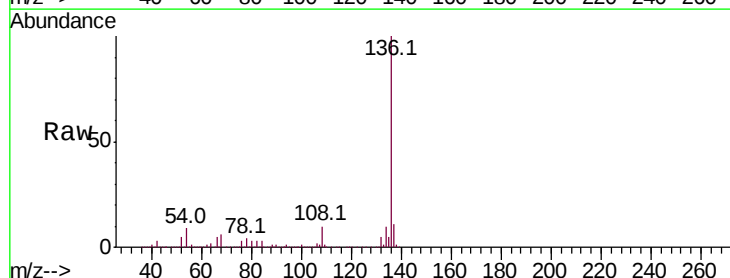
Instrument :
BNA_F
ClientSampleId :

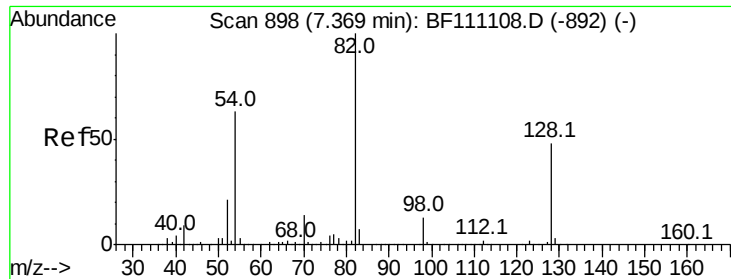
Tot Ion: 70 Resp: 352712
Ion Ratio Lower Upper
70 100
42 57.6 61.3 91.9#
101 0.0 7.7 11.5#
130 2.3 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Tgt Ion:136 Resp: 1808651
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.5 8.4 12.6
68 5.6 5.0 7.4

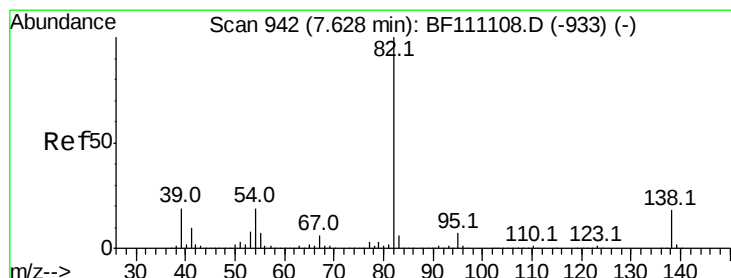
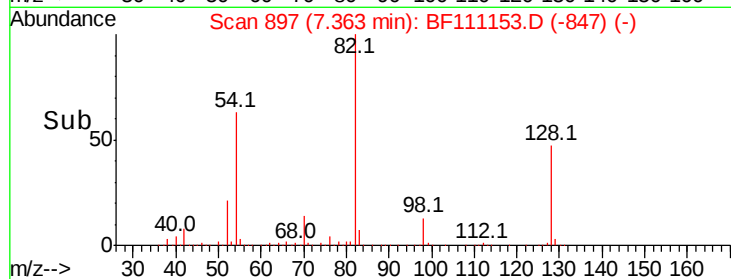
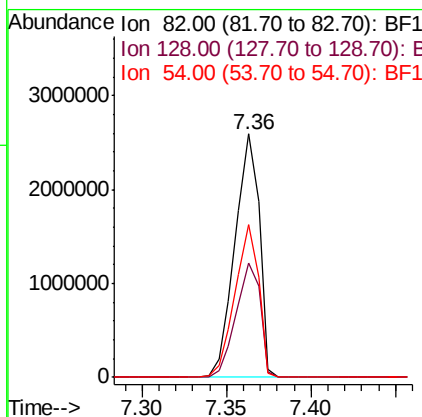
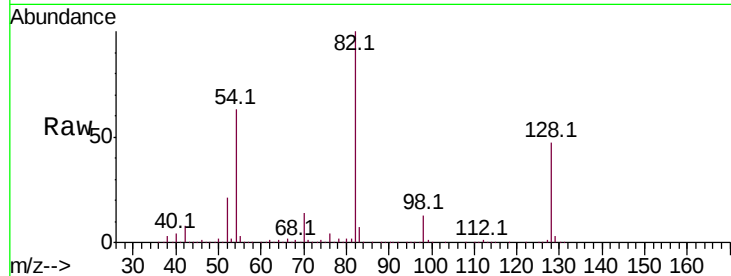




#23
 Nitrobenzene-d5
 Concen: 85.183 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111153.D
 Acq: 6 Dec 2018 22:11

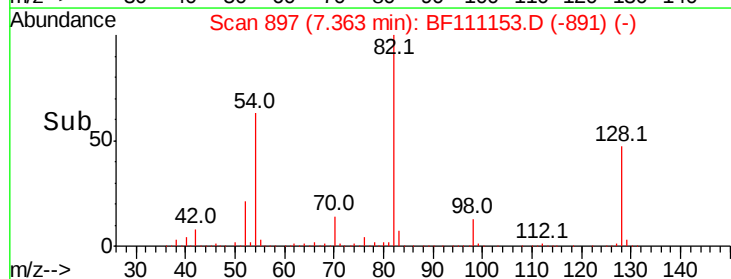
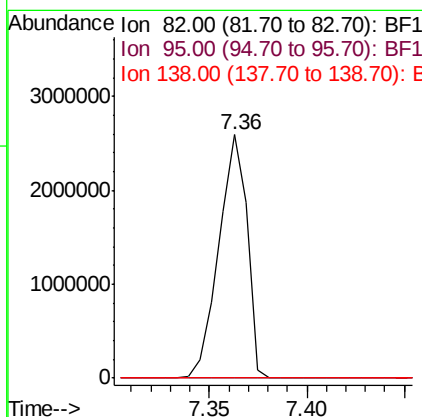
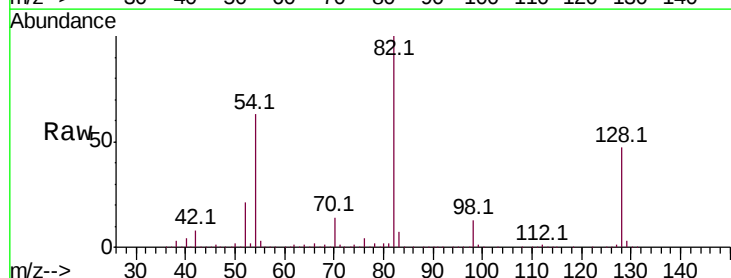
Instrument :
 BNA_F
 ClientSampleId :

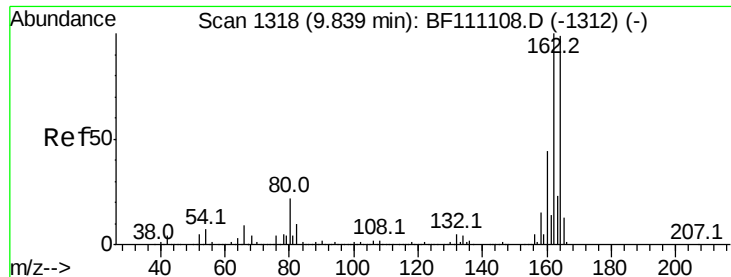
Tot Ion: 82 Resp: 2602326
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.1 57.1
 54 62.7 50.3 75.5



#25
 Isophorone
 Concen: 46.217 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF111153.D
 Acq: 6 Dec 2018 22:11

Tgt Ion: 82 Resp: 2591216
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

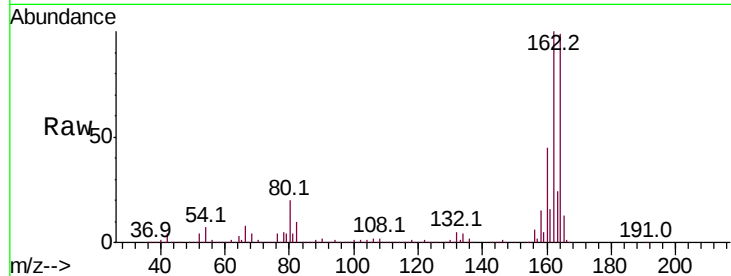




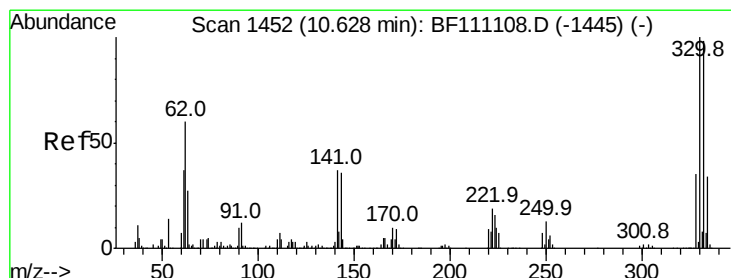
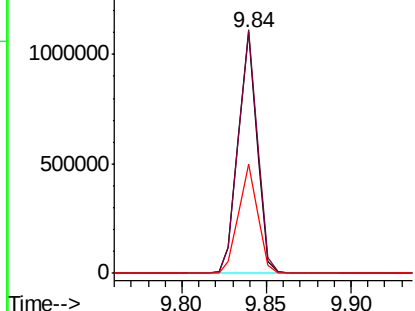
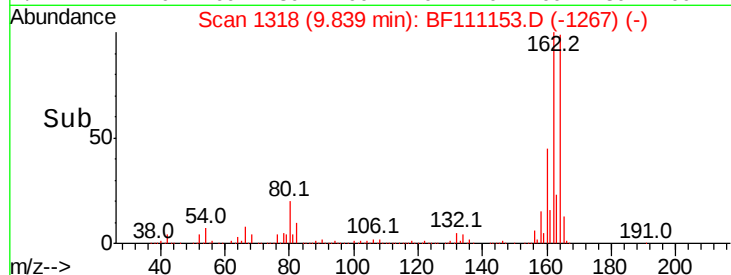
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 858346
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.2 35.5 53.3

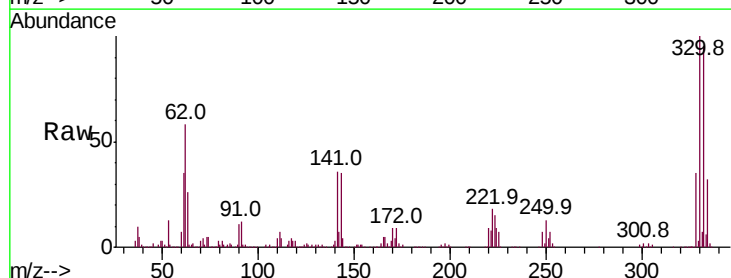


Abundance Ion 164.00 (163.70 to 164.70): E
1500000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

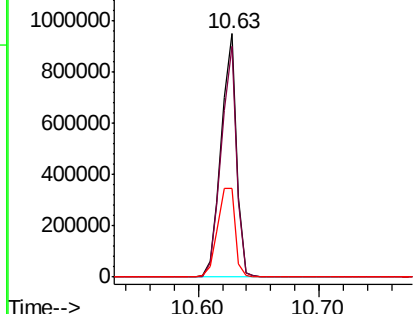
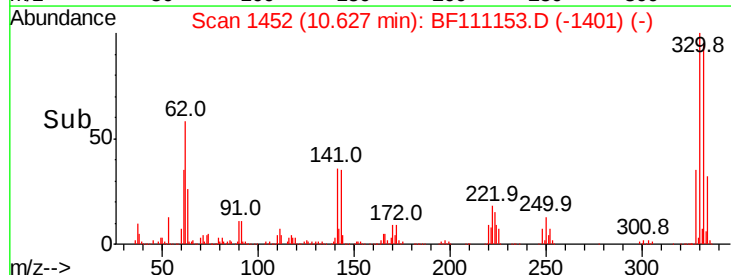


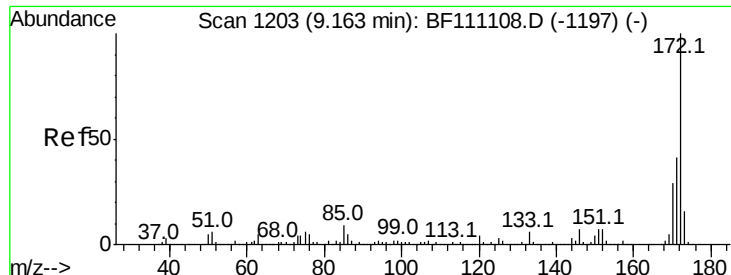
#42
2,4,6-Tribromophenol
Concen: 122.137 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Tgt Ion:330 Resp: 833326
Ion Ratio Lower Upper
330 100
332 94.6 77.2 115.8
141 41.6 36.1 54.1



Abundance Ion 329.80 (329.50 to 330.50): E
1200000
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

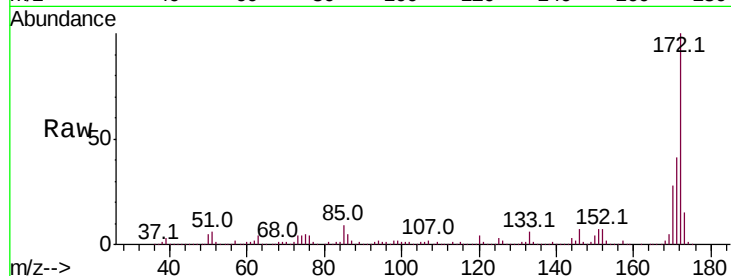




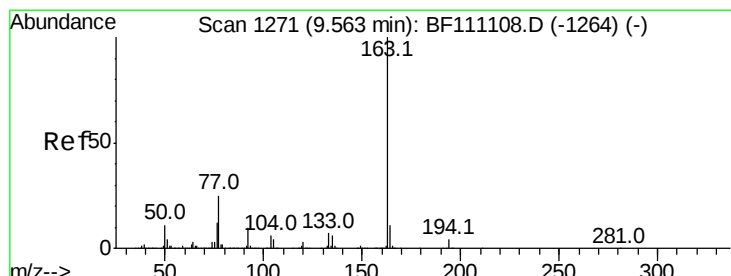
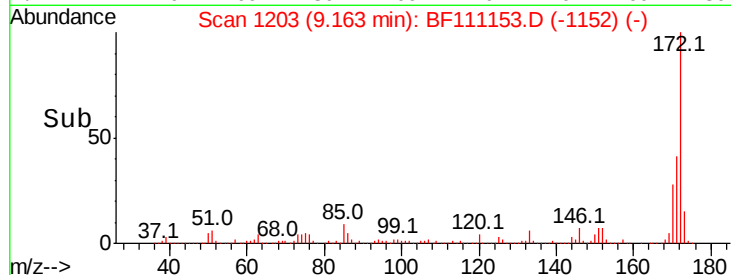
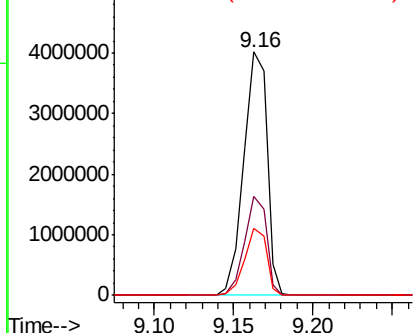
#45
2-Fluorobiphenyl
Concen: 89.036 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4096982
Ion Ratio Lower Upper
172 100
171 40.9 33.2 49.8
170 27.5 22.9 34.3

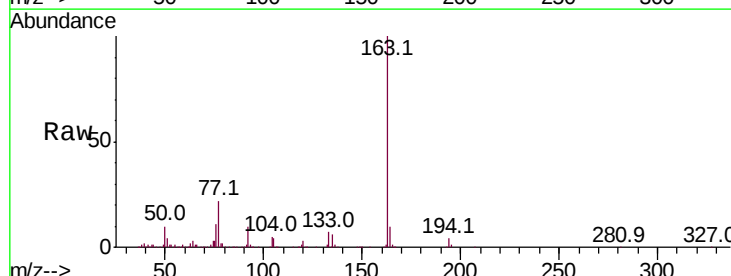


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

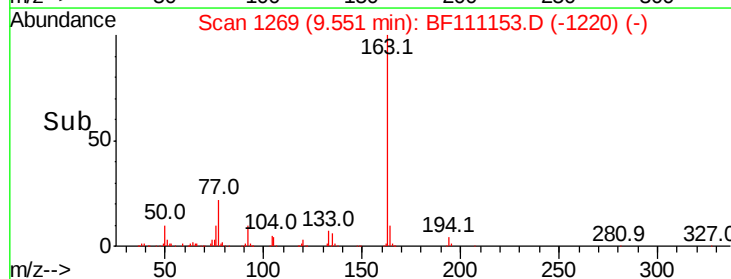
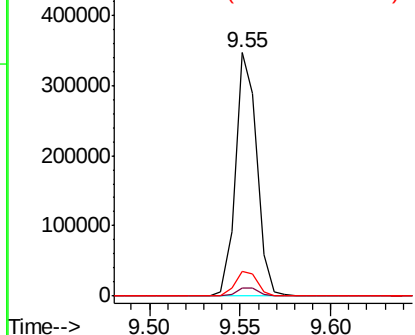


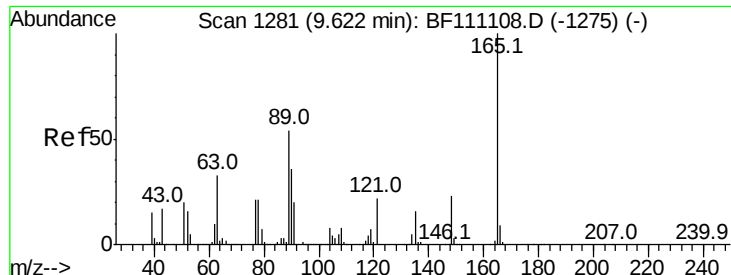
#50
Dimethylphthalate
Concen: 4.735 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Tgt Ion:163 Resp: 282876
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 8.9 13.3



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

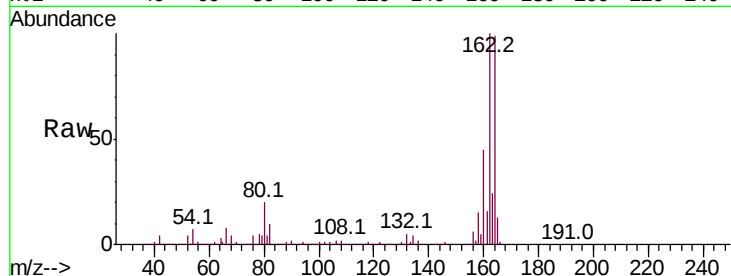




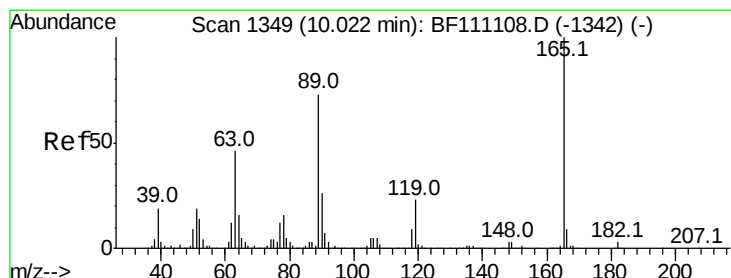
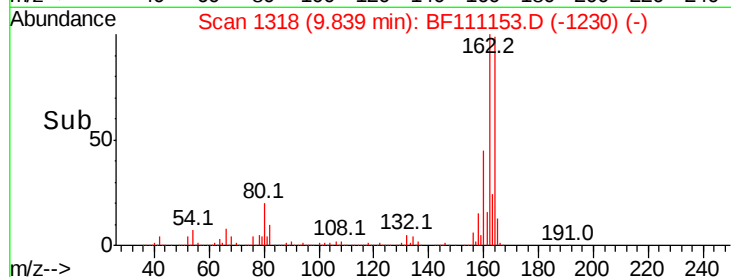
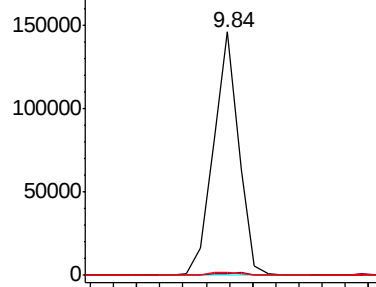
#51
2,6-Dinitrotoluene
Concen: 8.821 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 111722
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.3 43.0 64.4#

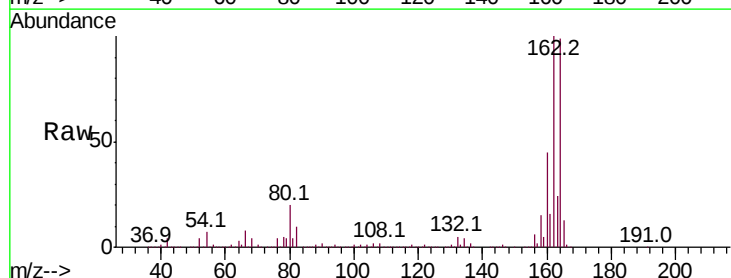


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

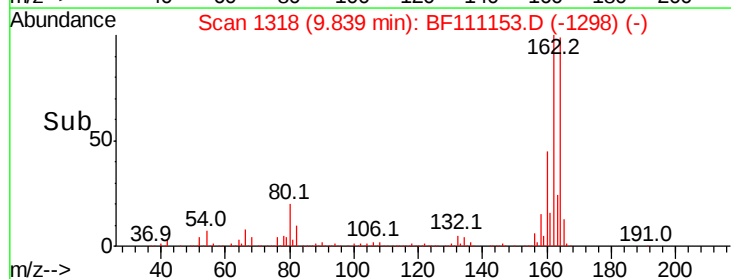
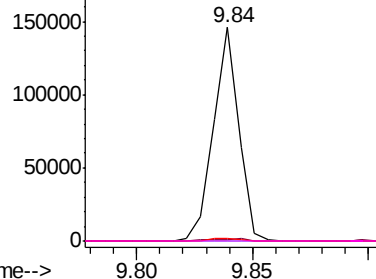


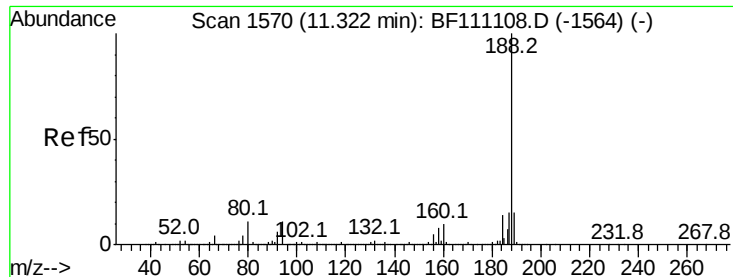
#57
2,4-Dinitrotoluene
Concen: 6.830 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Tgt Ion:165 Resp: 111722
Ion Ratio Lower Upper
165 100
63 0.9 36.7 55.1#
89 1.3 58.4 87.6#
182 0.0 2.1 3.1#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111153.D

Acq: 6 Dec 2018 22:11

Instrument :

BNA_F

ClientSampleId :

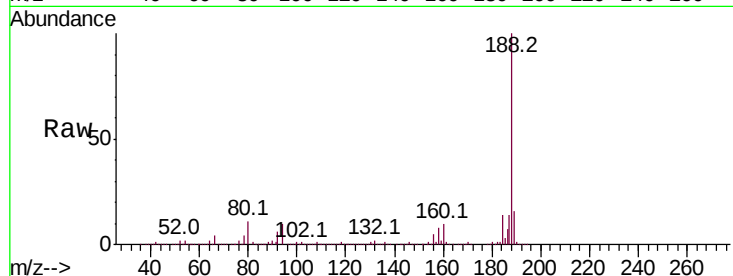
Tot Ion:188 Resp: 1395345

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

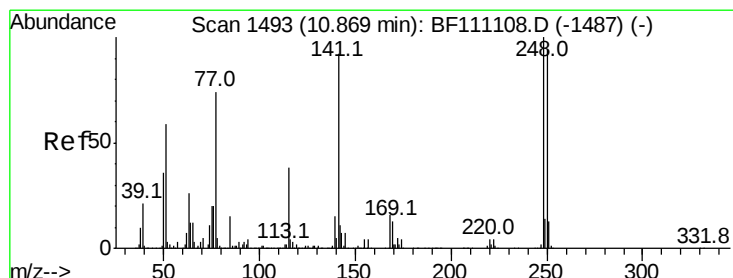
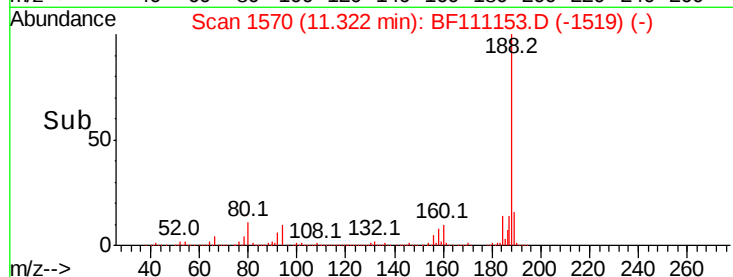
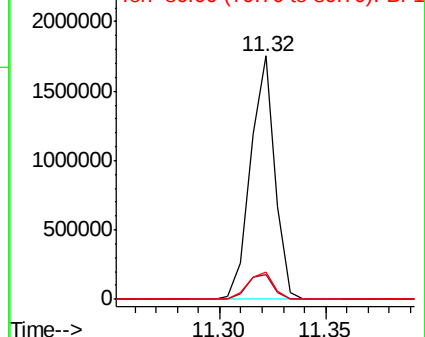
80 11.2 9.0 13.6



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



#67

4-Bromophenyl-phenylether

Concen: 3.908 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF111153.D

Acq: 6 Dec 2018 22:11

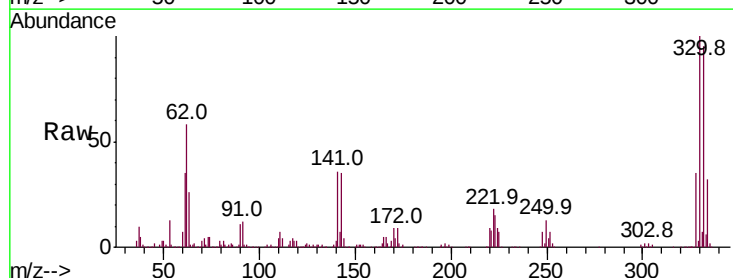
Tgt Ion:248 Resp: 57730

Ion Ratio Lower Upper

248 100

250 192.4 75.4 113.0#

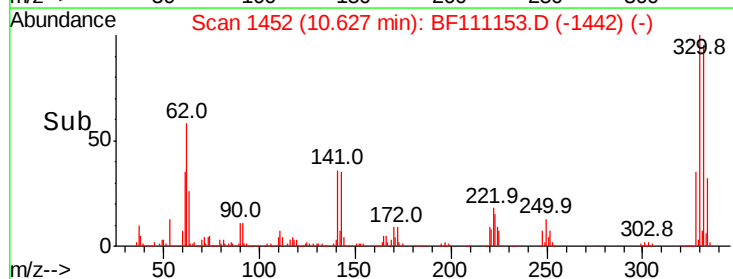
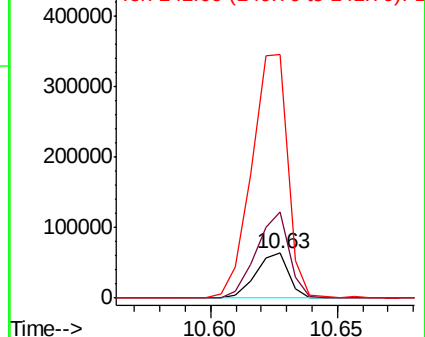
141 546.1 73.8 110.6#

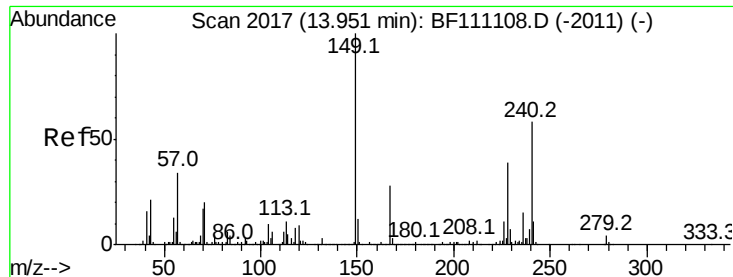


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

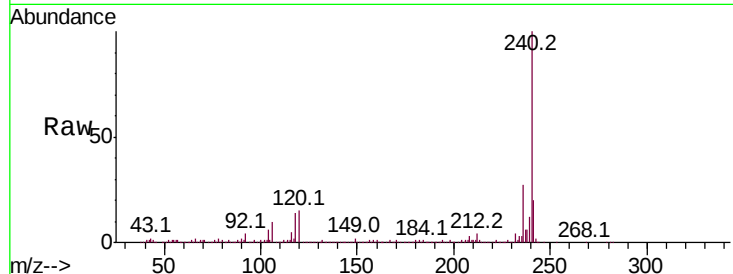




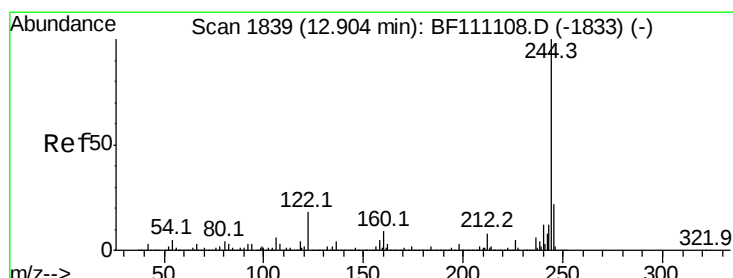
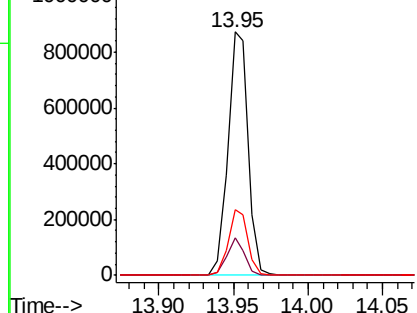
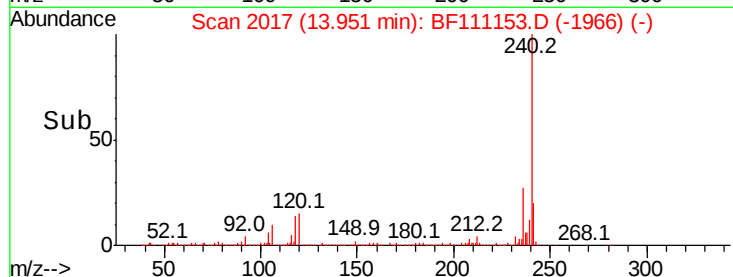
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 837204
Ion Ratio Lower Upper
240 100
120 15.2 12.8 19.2
236 26.8 21.1 31.7

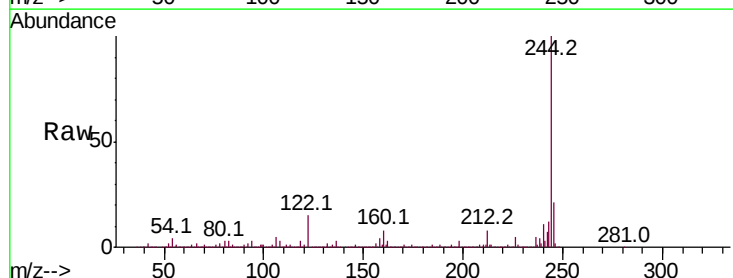


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

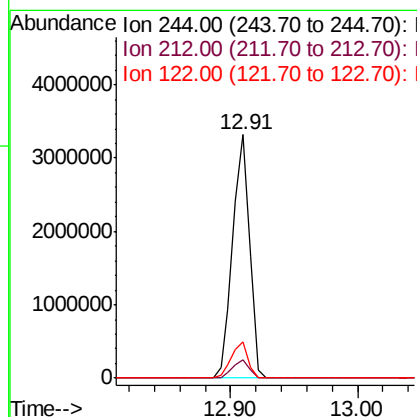
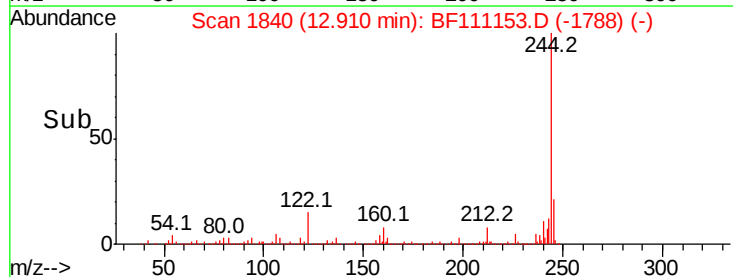


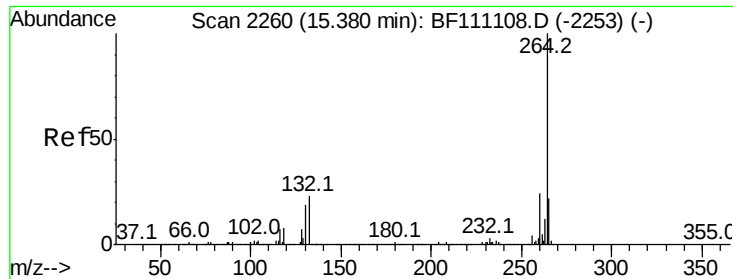
#79
Terphenyl-d14
Concen: 74.389 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Tgt Ion:244 Resp: 3040984
Ion Ratio Lower Upper
244 100
212 7.6 6.6 9.8
122 15.0 14.2 21.2



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111153.D
Acq: 6 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.1	17.4	26.0

