

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111133.D
 Acq On : 6 Dec 2018 12:51
 Operator : JU/SJ
 Sample : J6206-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 14:15:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

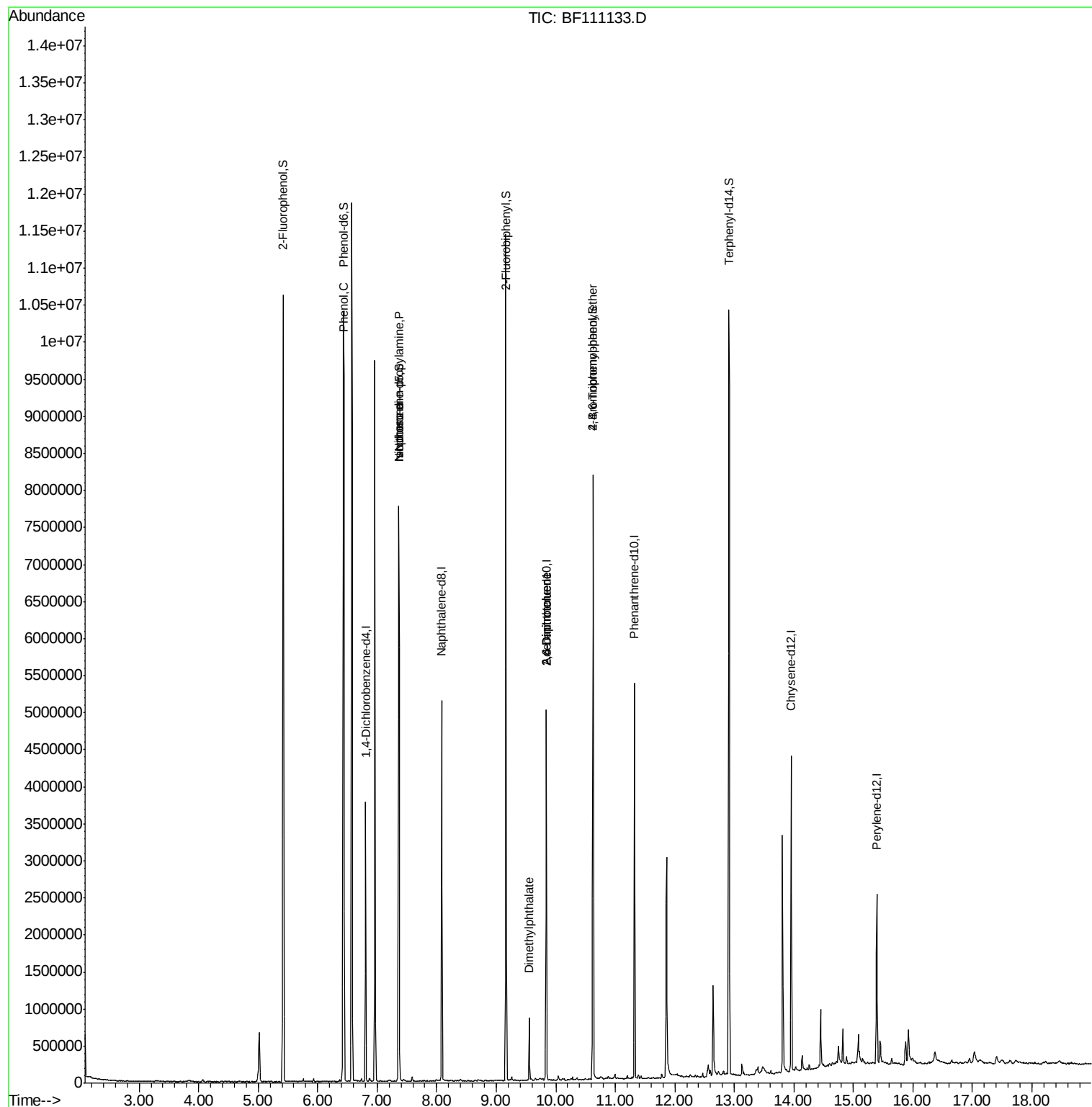
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	504351	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1974379	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	954451	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1671325	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1266393	20.00	ng	-0.01
87) Perylene-d12	15.39	264	953626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3004007	92.94	ng	0.00
7) Phenol-d6	6.43	99	3799970	91.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	2446876	73.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	799500	105.38	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3573427	66.11	ng	0.00
79) Terphenyl-d14	12.91	244	3374734	54.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	8798	Below Cal		Qvalue
10) Phenol	6.45	94	267494	5.892	ng	# 3
19) n-Nitroso-di-n-propylamine	7.36	70	331192	11.837	ng	# 76
25) Isophorone	7.36	82	2440185	39.870	ng	# 65
50) Dimethylphthalate	9.56	163	320229	4.821	ng	97
51) 2,6-Dinitrotoluene	9.84	165	122228	8.679	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	122228	6.720	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	53894	3.046	ng	# 1

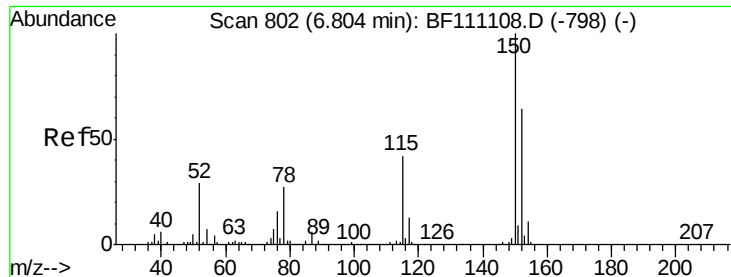
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111133.D
Acq On : 6 Dec 2018 12:51
Operator : JU/SJ
Sample : J6206-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 06 14:15:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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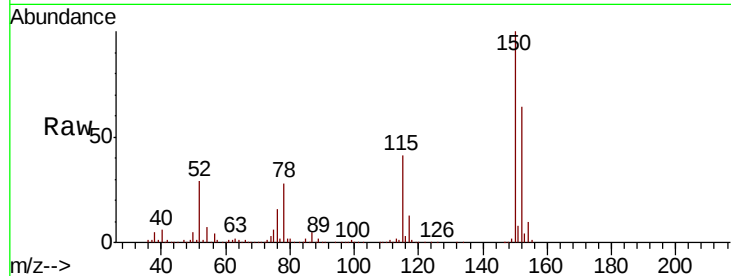


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111133.D
Acq: 6 Dec 2018 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	187.0
115	64.1	52.2	78.2

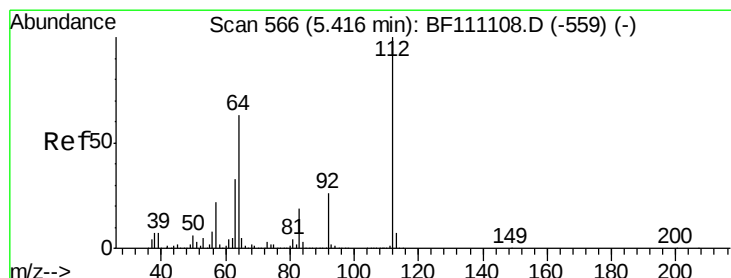
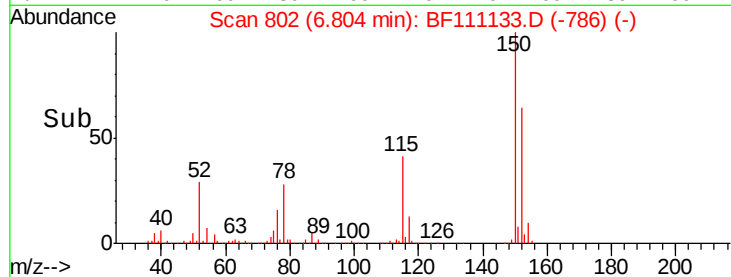
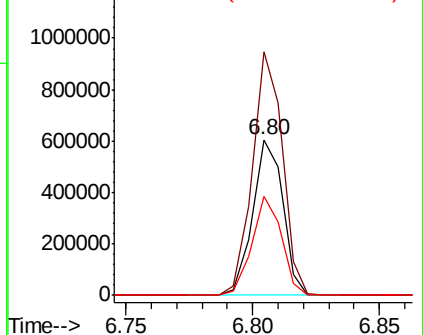


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

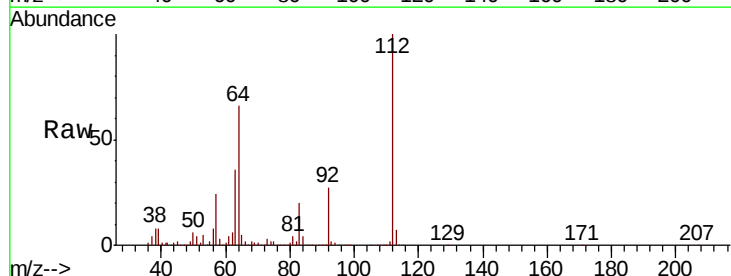
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.944 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111133.D
Acq: 6 Dec 2018 12:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	50.2	75.4
63	36.0	26.6	39.8

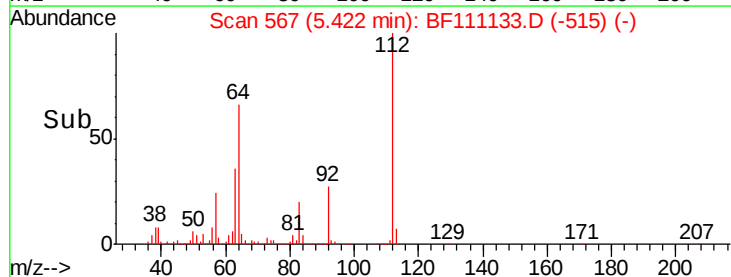
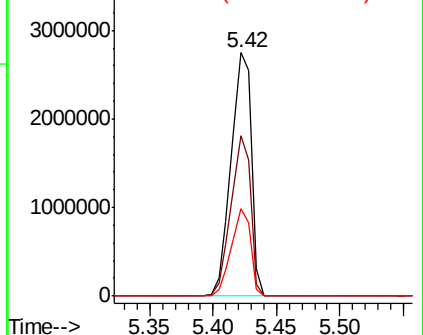


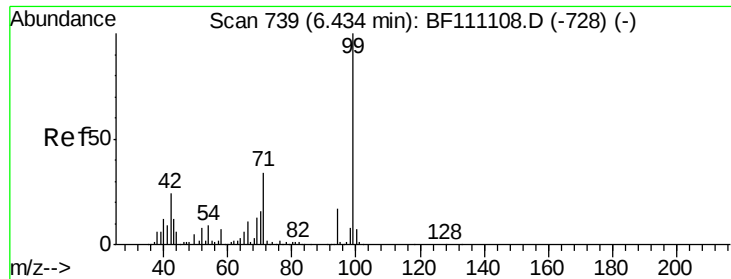
Abundance

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: 91.269 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111133.D

Acq: 6 Dec 2018 12:51

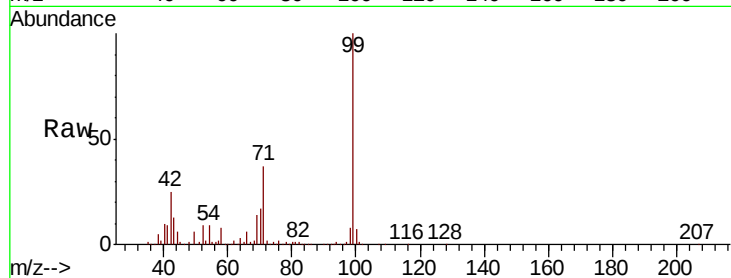
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3799970

Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.3	28.9
71	36.9	27.4	41.2

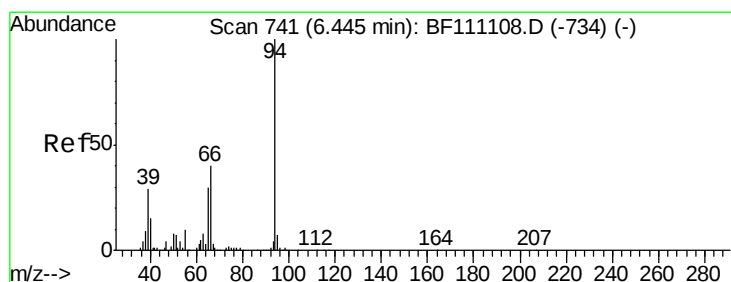
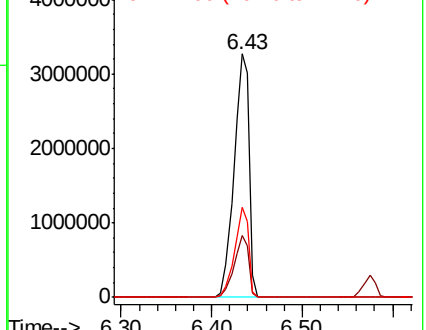
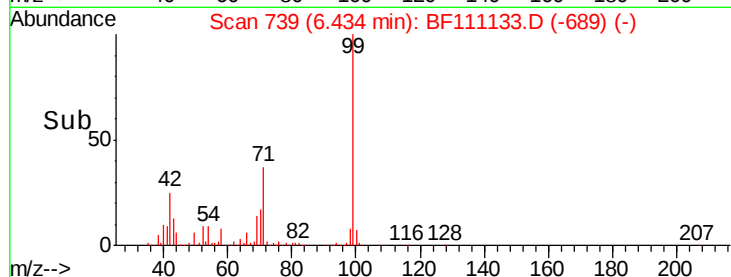


Abundance

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: 5.892 ng

RT: 6.45 min Scan# 741

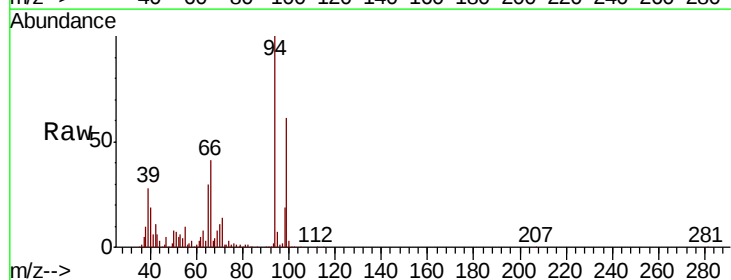
Delta R.T. -0.01 min

Lab File: BF111133.D

Acq: 6 Dec 2018 12:51

Tgt Ion: 94 Resp: 267494

Ion	Ratio	Lower	Upper
94	100		
65	30.4	10.5	50.5
66	40.5	19.8	59.8

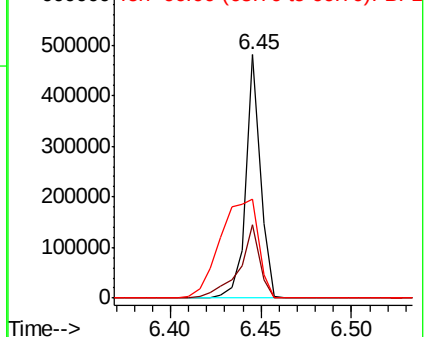
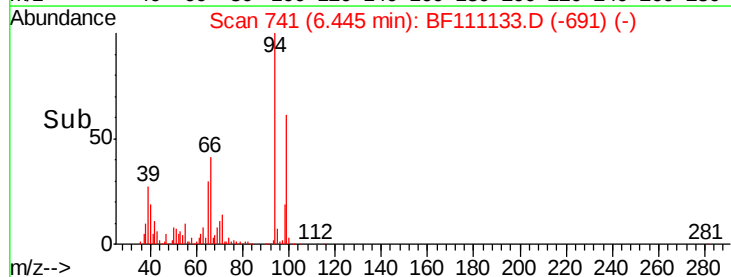


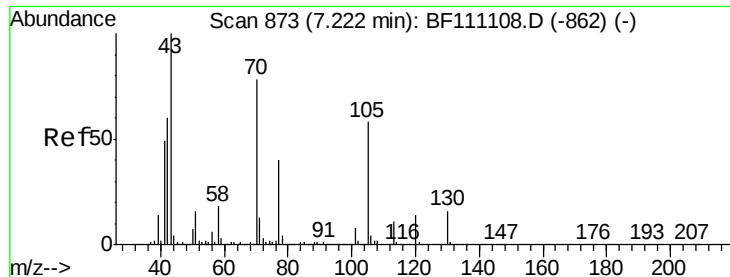
Abundance

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

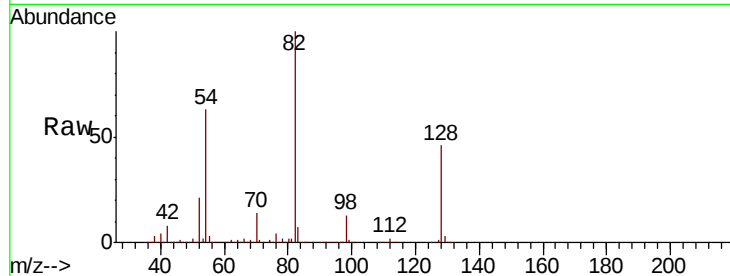




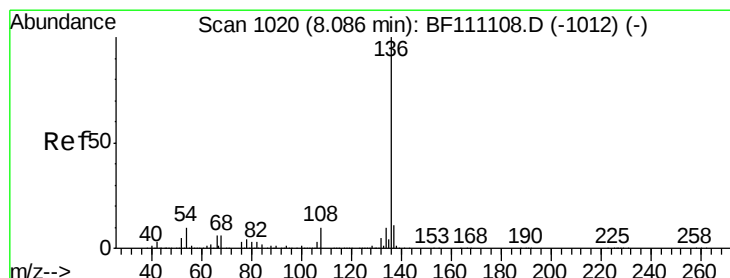
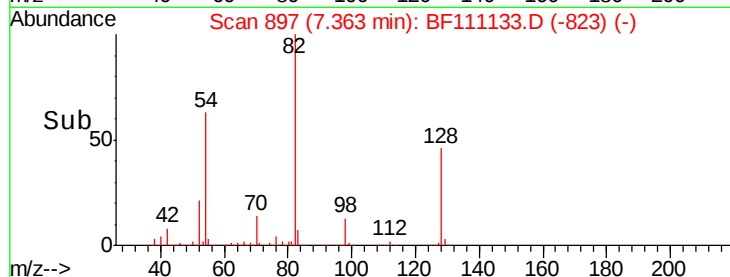
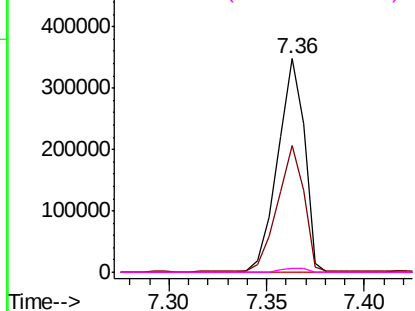
#19
n-Nitroso-di-n-propylamine
Concen: 11.837 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111133.D
Acq: 6 Dec 2018 12:51

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 331192
Ion Ratio Lower Upper
70 100
42 59.5 61.3 91.9#
101 0.1 7.7 11.5#
130 1.9 16.3 24.5#

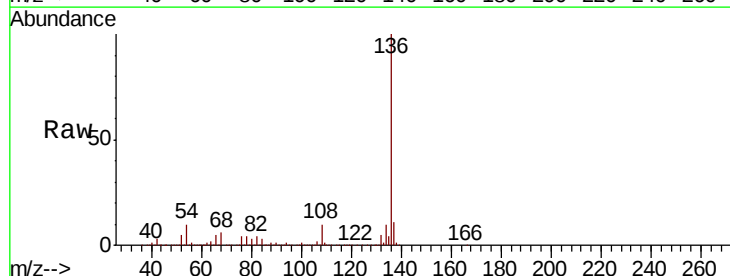


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

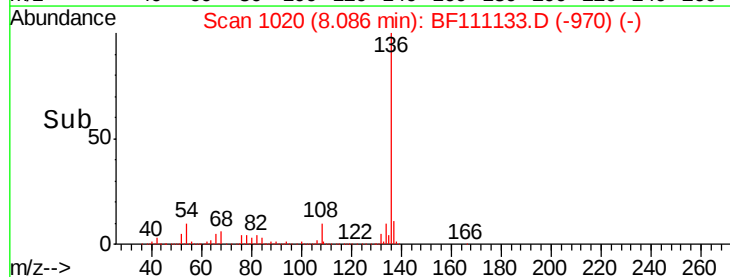
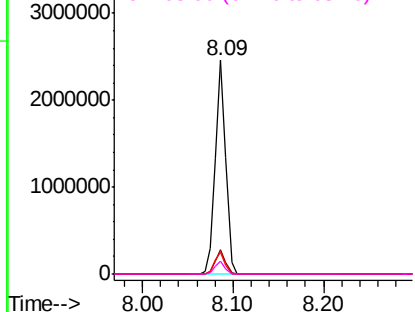


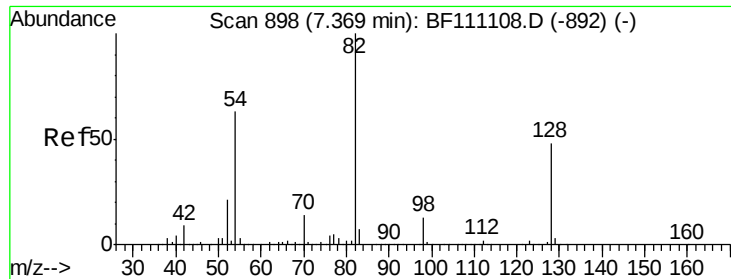
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111133.D
Acq: 6 Dec 2018 12:51

Tgt Ion:136 Resp: 1974379
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.4 8.4 12.6
68 6.2 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

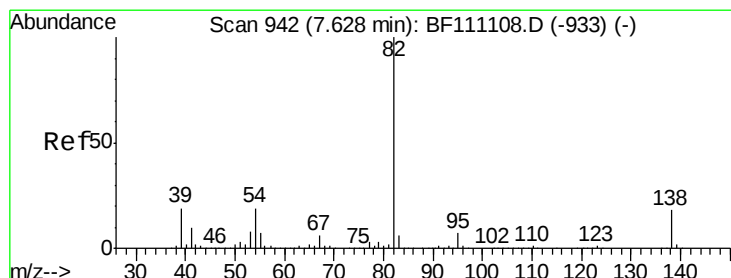
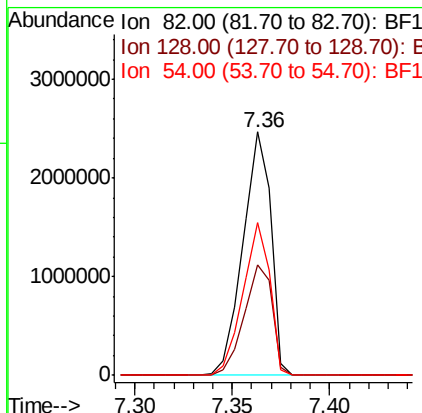
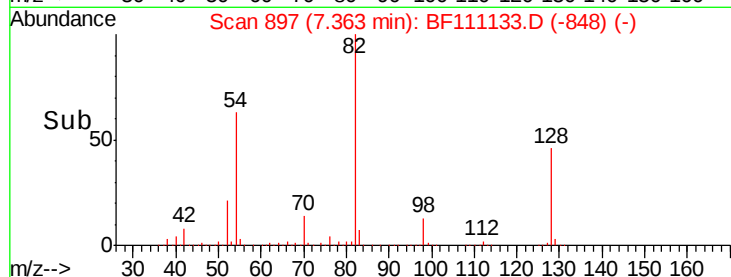
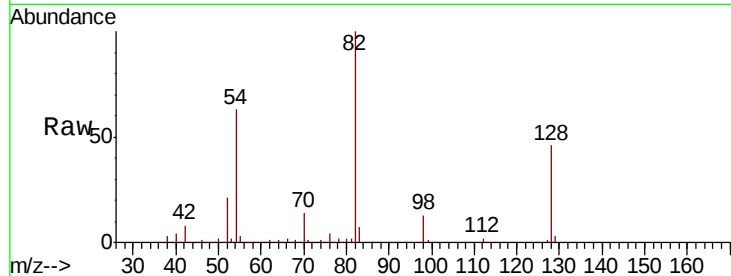




#23
 Nitrobenzene-d5
 Concen: 73.372 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111133.D
 Acq: 6 Dec 2018 12:51

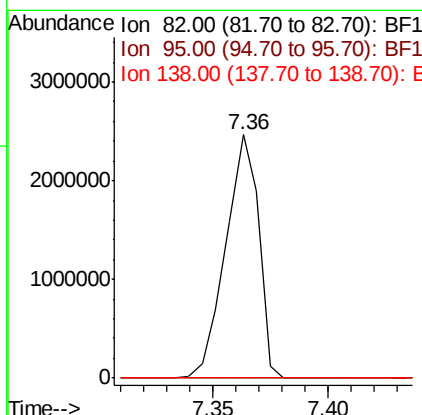
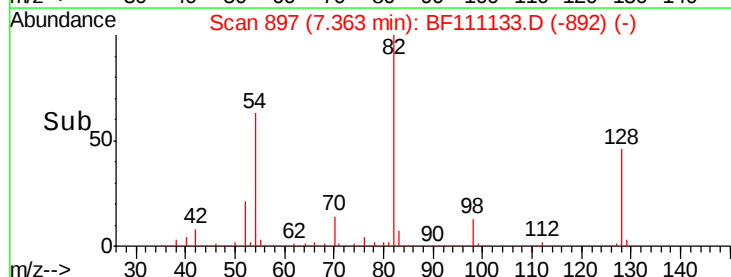
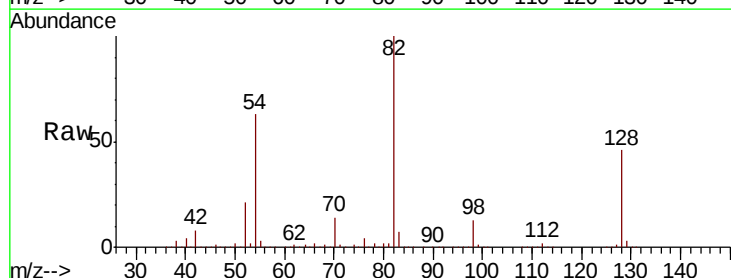
Instrument :
 BNA_F
 ClientSampleId :

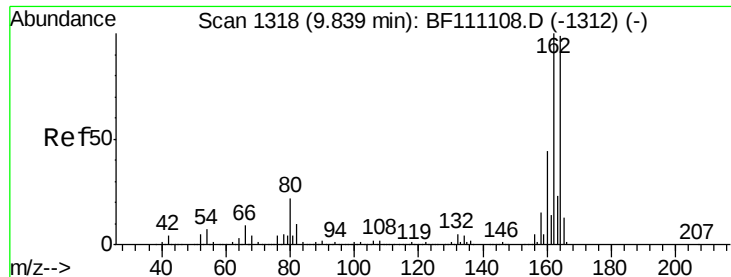
Tot Ion: 82 Resp: 2446876
 Ion Ratio Lower Upper
 82 100
 128 45.5 38.1 57.1
 54 63.0 50.3 75.5



#25
 Isophorone
 Concen: 39.870 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.27 min
 Lab File: BF111133.D
 Acq: 6 Dec 2018 12:51

Tgt Ion: 82 Resp: 2440185
 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. -0.01 min

Lab File: BF111133.D

Acq: 6 Dec 2018 12:51

Instrument :

BNA_F

ClientSampleId :

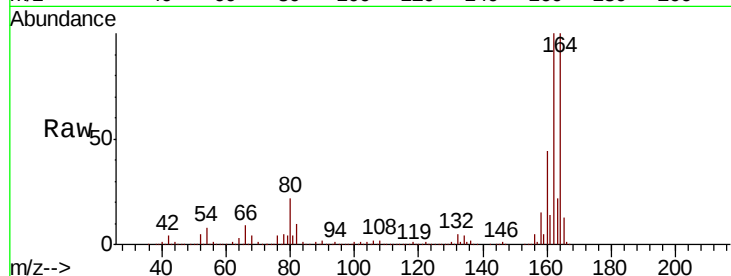
Tot Ion:164 Resp: 954451

Ion Ratio Lower Upper

164 100

162 99.7 80.6 120.8

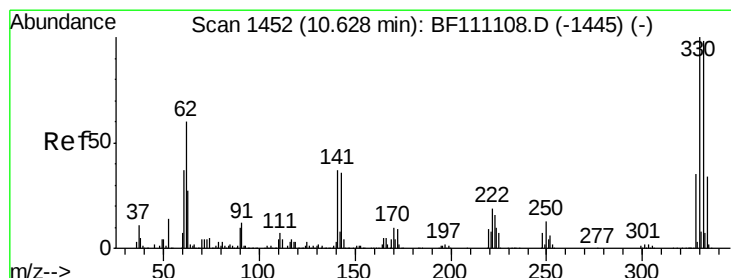
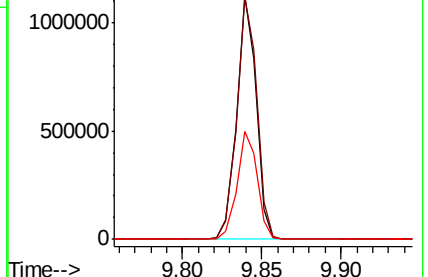
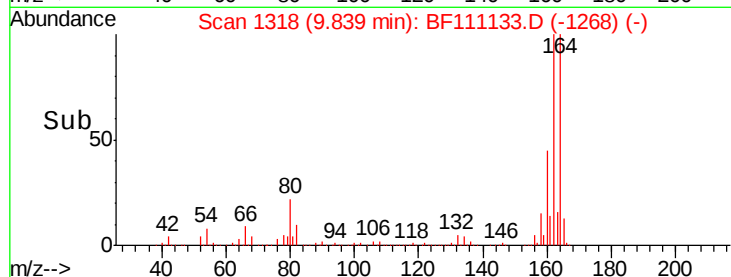
160 44.4 35.5 53.3



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



#42

2,4,6-Tribromophenol

Concen: 105.380 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF111133.D

Acq: 6 Dec 2018 12:51

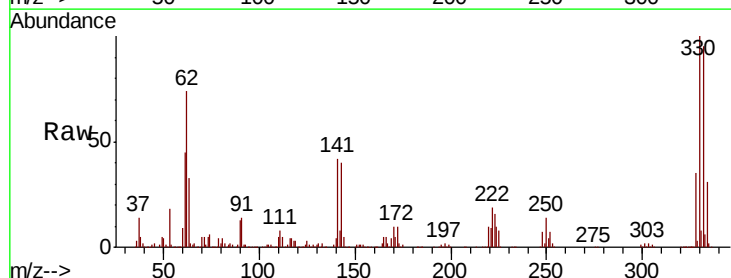
Tgt Ion:330 Resp: 799500

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

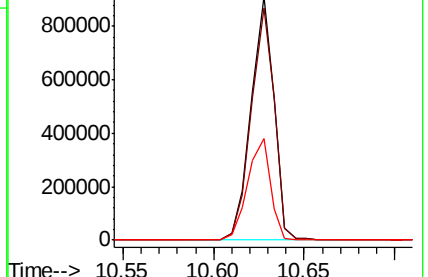
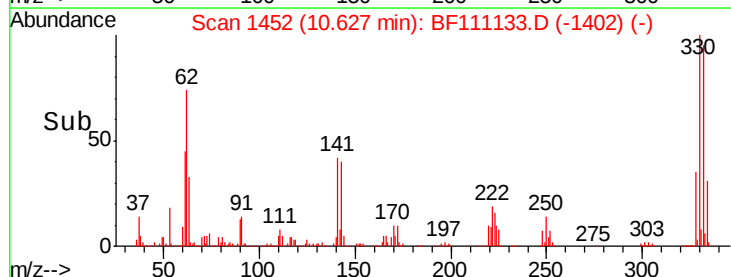
141 42.3 36.1 54.1

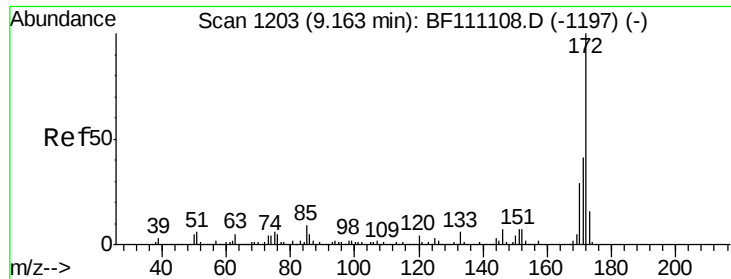


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

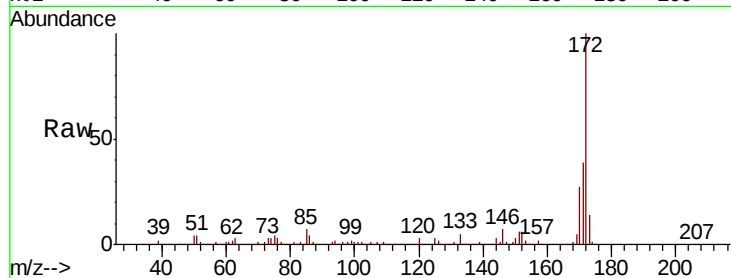




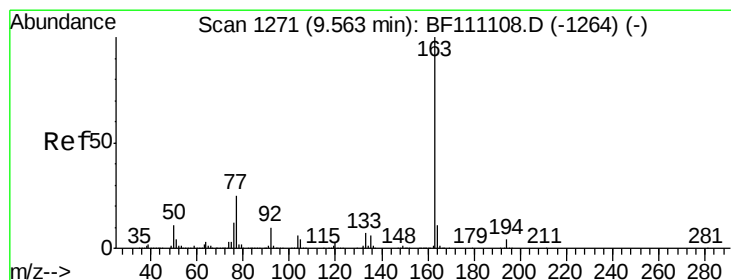
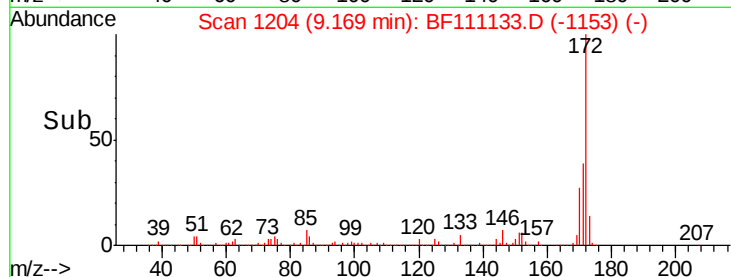
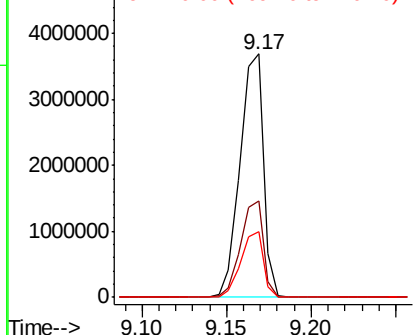
#45
2-Fluorobiphenyl
Concen: 66.108 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF111133.D
Acq: 6 Dec 2018 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3573427
Ion Ratio Lower Upper
172 100
171 39.4 33.2 49.8
170 27.1 22.9 34.3

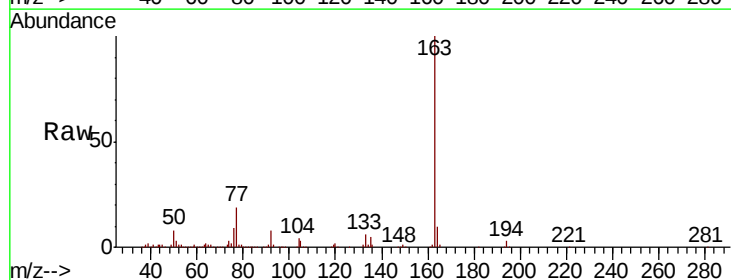


Abundance Ion 172.00 (171.70 to 172.70): E
5000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

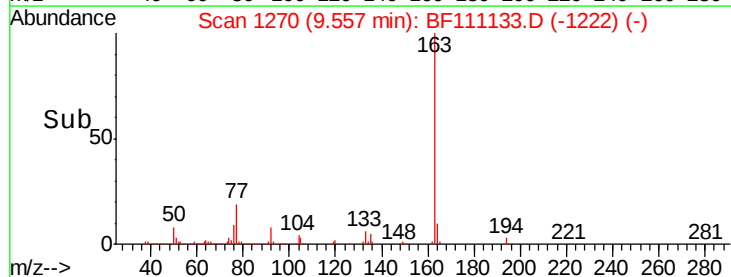
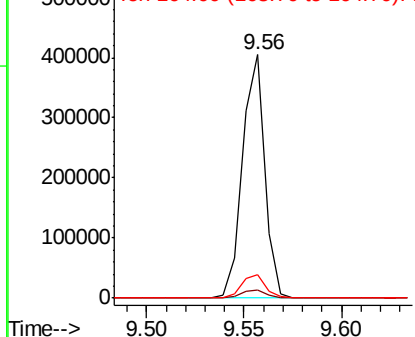


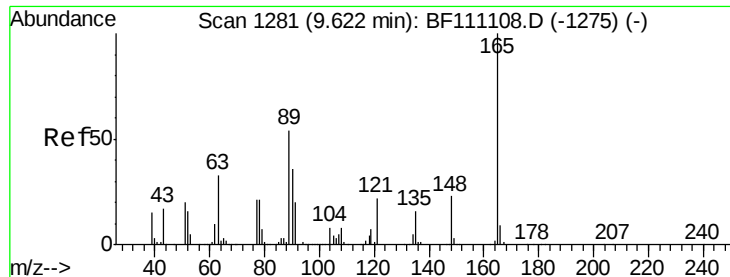
#50
Dimethylphthalate
Concen: 4.821 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111133.D
Acq: 6 Dec 2018 12:51

Tgt Ion:163 Resp: 320229
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.679 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF111133.D

Acq: 6 Dec 2018 12:51

Instrument :

BNA_F

ClientSampleId :

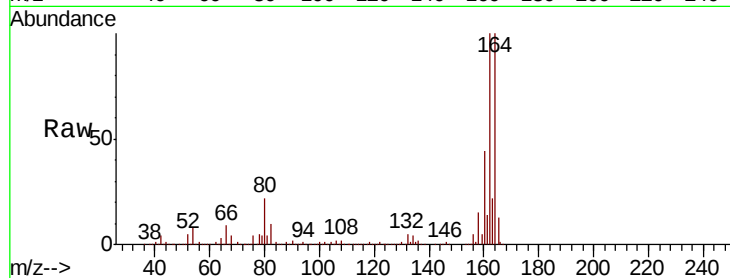
Tot Ion:165 Resp: 122228

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

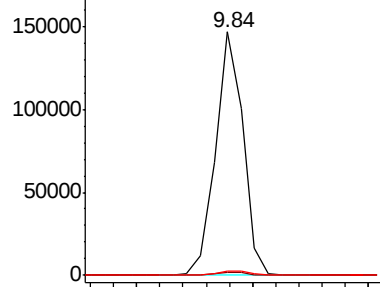
89 1.7 43.0 64.4#



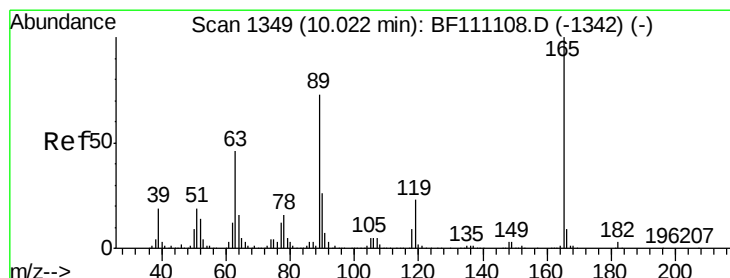
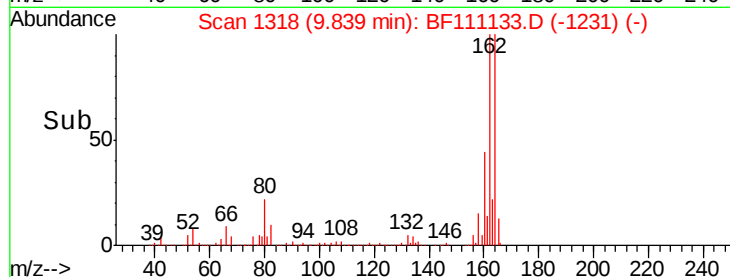
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#57

2,4-Dinitrotoluene

Concen: 6.720 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.19 min

Lab File: BF111133.D

Acq: 6 Dec 2018 12:51

Tgt Ion:165 Resp: 122228

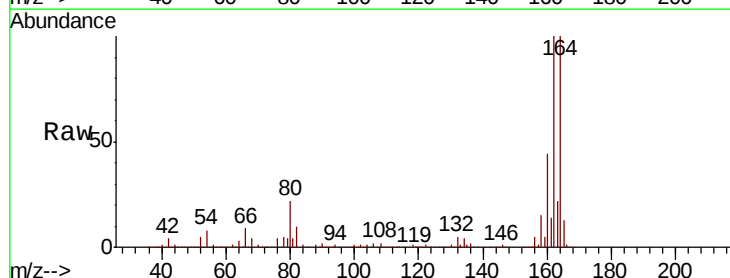
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.7 58.4 87.6#

182 0.0 2.1 3.1#

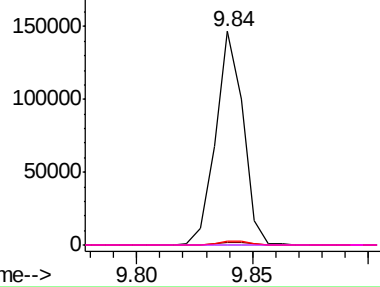


Abundance Ion 165.00 (164.70 to 165.70): E

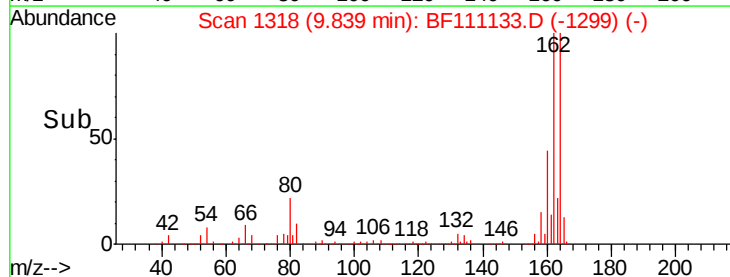
Ion 63.00 (62.70 to 63.70): BF1

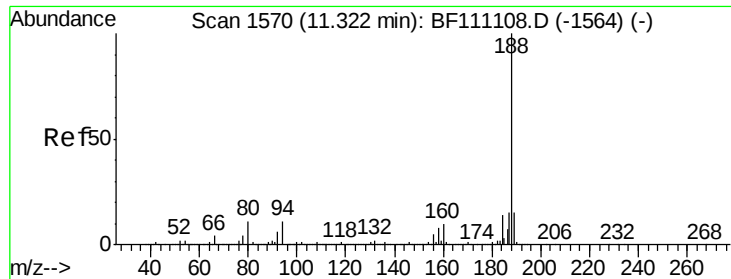
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF111133.D

Acq: 6 Dec 2018 12:51

Instrument :

BNA_F

ClientSampleId :

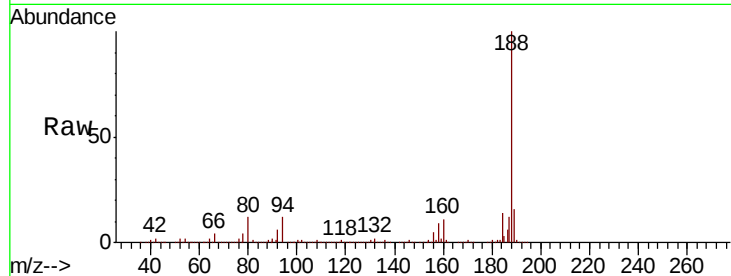
Tot Ion:188 Resp: 1671325

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

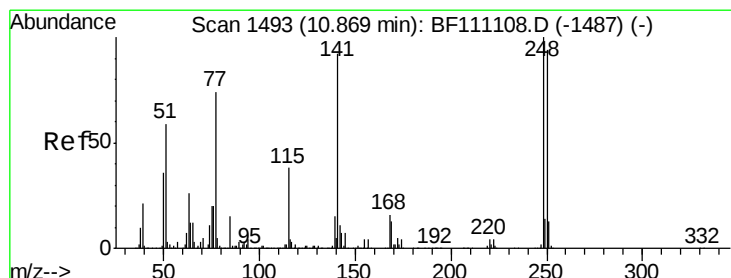
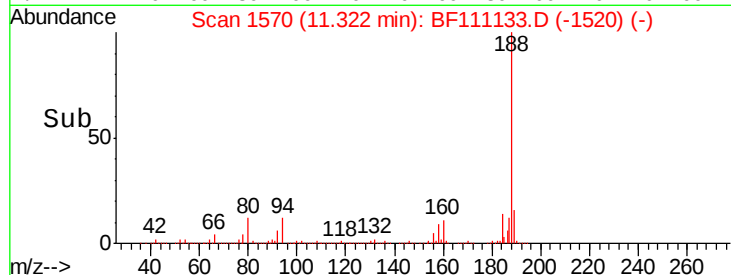
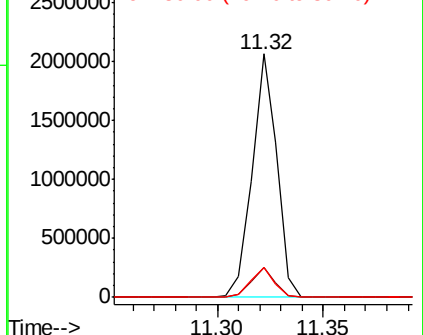
80 12.3 9.0 13.6



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: 3.046 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF111133.D

Acq: 6 Dec 2018 12:51

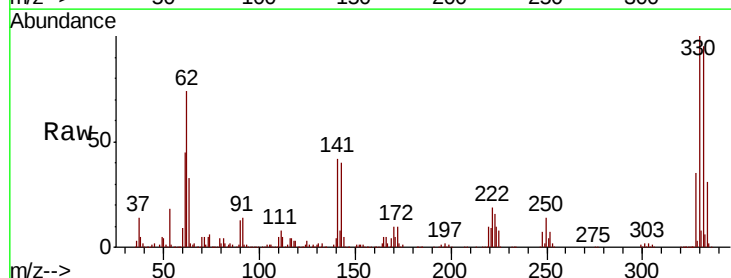
Tgt Ion:248 Resp: 53894

Ion Ratio Lower Upper

248 100

250 196.6 75.4 113.0#

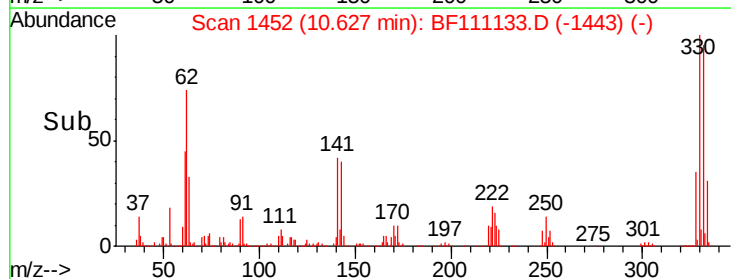
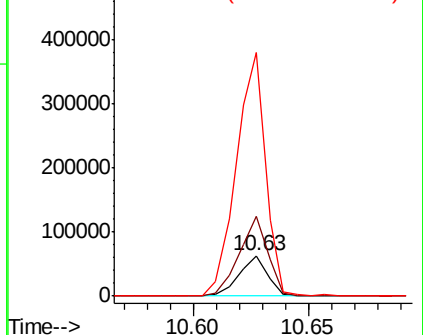
141 602.5 73.8 110.6#

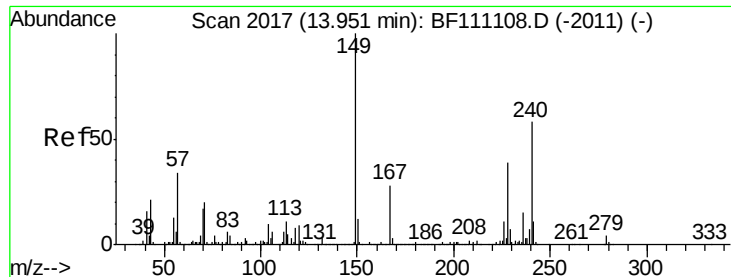


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

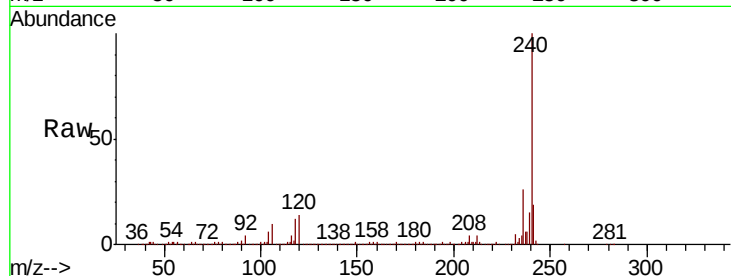




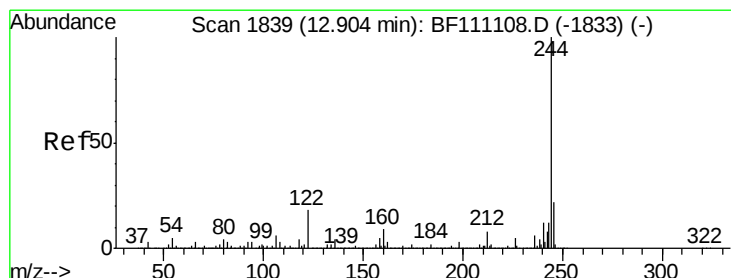
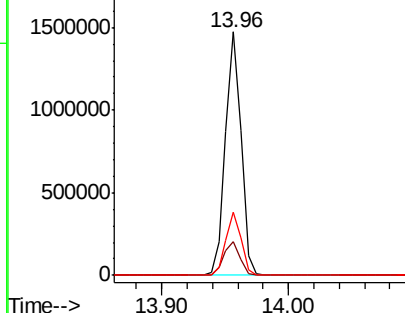
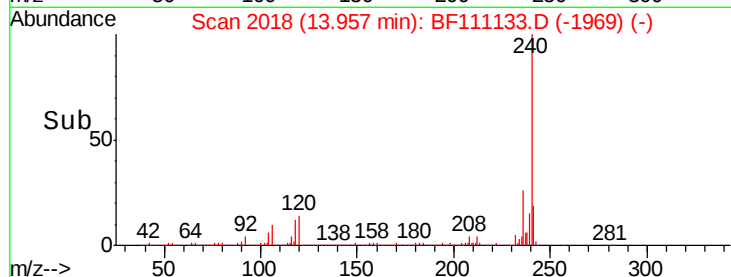
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF111133.D
 Acq: 6 Dec 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 1266393
 Ion Ratio Lower Upper
 240 100
 120 13.7 12.8 19.2
 236 25.8 21.1 31.7

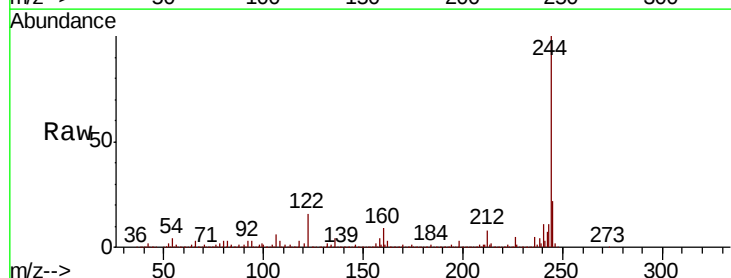


Abundance Ion 240.00 (239.70 to 240.70): E
 2000000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

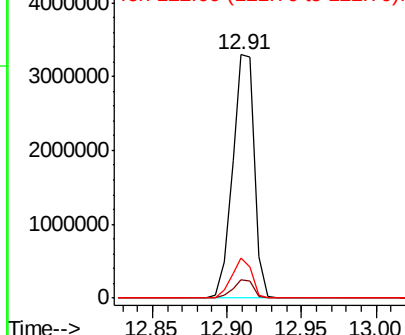
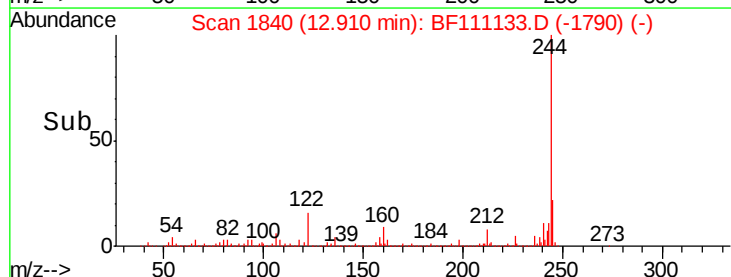


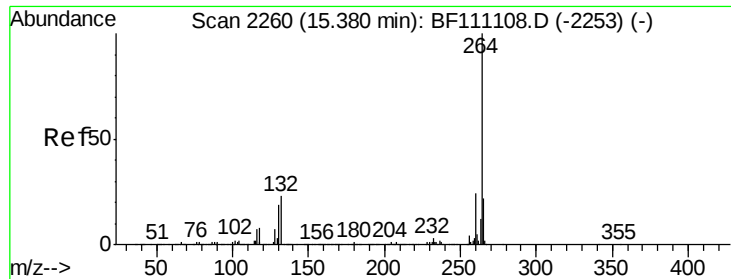
#79
 Terphenyl-d14
 Concen: 54.576 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF111133.D
 Acq: 6 Dec 2018 12:51

Tgt Ion:244 Resp: 3374734
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 16.4 14.2 21.2



Abundance Ion 244.00 (243.70 to 244.70): E
 4000000
 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: BF111133.D
Acq: 6 Dec 2018 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.8	17.4	26.0

