

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111154.D
 Acq On : 6 Dec 2018 22:39
 Operator : JU/SJ
 Sample : J6204-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 02:10:08 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

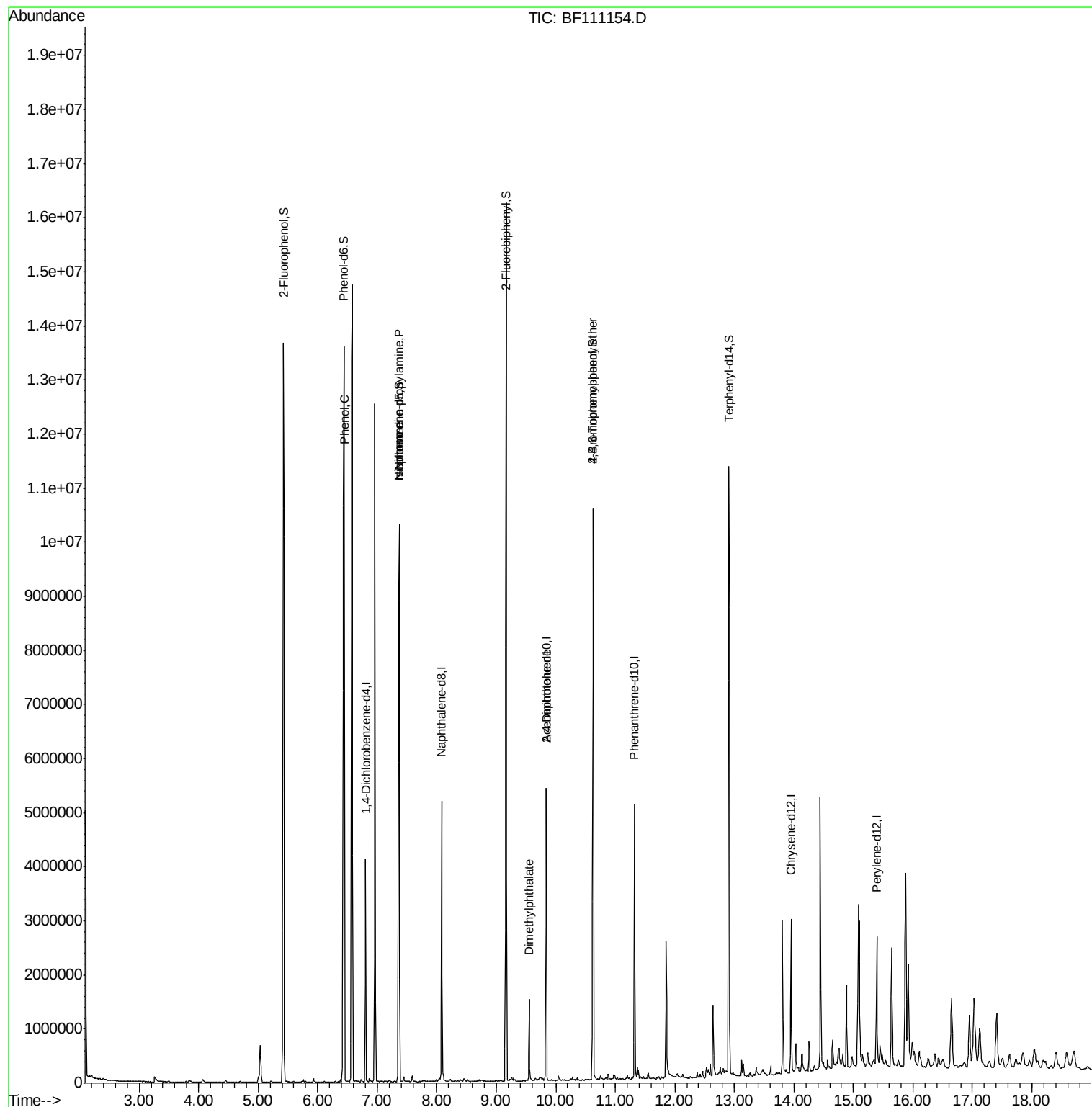
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	532803	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2045143	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	988686	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1615355	20.00	ng	0.00
76) Chrysene-d12	13.96	240	925226	20.00	ng	0.00
87) Perylene-d12	15.39	264	987842	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	4202600	123.08	ng	0.01
7) Phenol-d6	6.44	99	5309864	120.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	3470202	100.46	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1099309	139.88	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4968709	94.66	ng	0.00
79) Terphenyl-d14	12.91	244	3658110	80.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	12755	Below Cal	Qvalue	# 1
10) Phenol	6.45	94	388391	8.099	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	488870	16.539	ng	# 73
25) Isophorone	7.37	82	3453272	54.471	ng	# 65
50) Dimethylphthalate	9.55	163	566986	8.240	ng	98
57) 2,4-Dinitrotoluene	9.84	165	127082	6.745	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	73914	4.323	ng	# 1

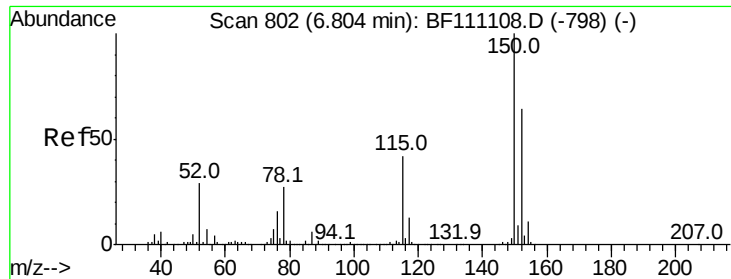
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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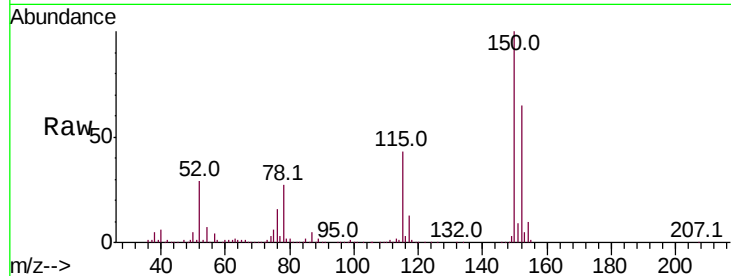


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	187.0
115	65.7	52.2	78.2

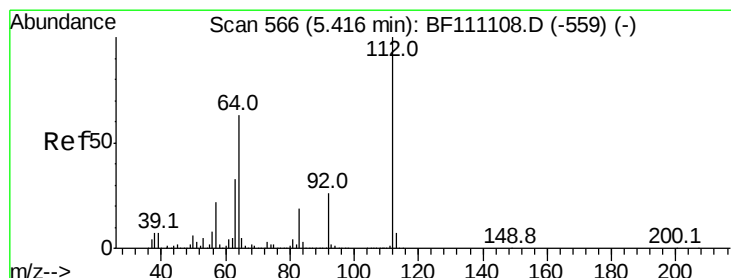
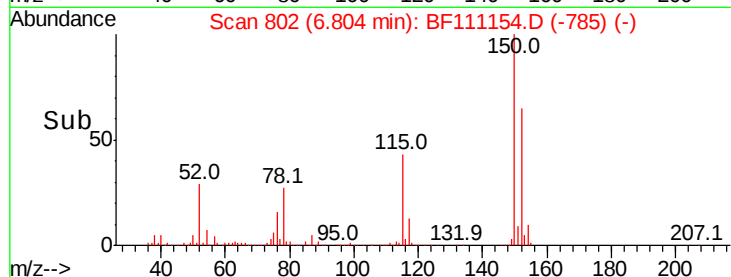
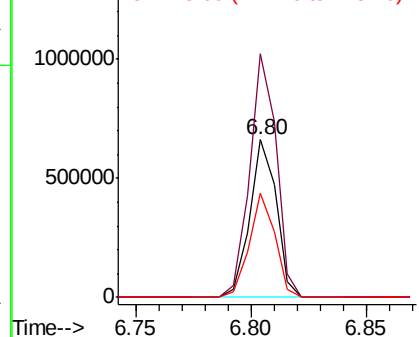


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

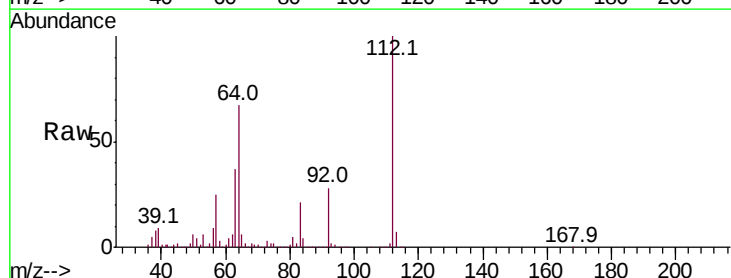
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.084 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	50.2	75.4
63	36.8	26.6	39.8

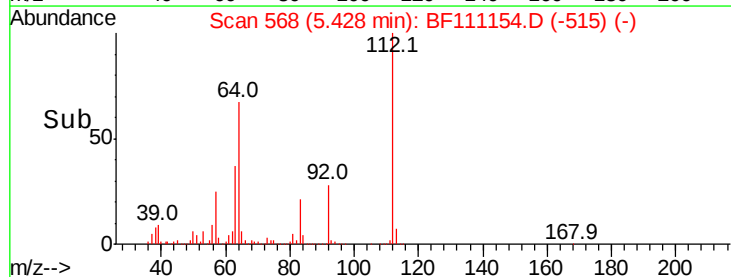
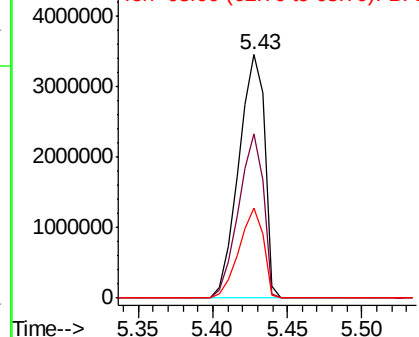


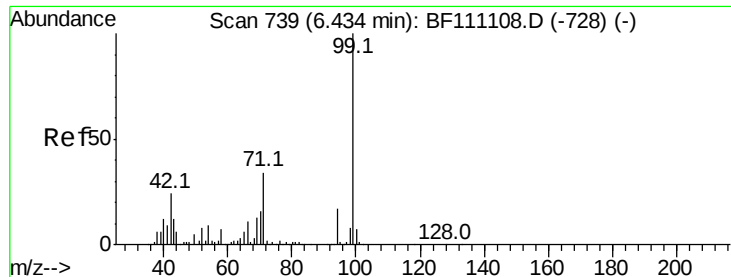
Abundance

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: 120.724 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

Instrument :

BNA_F

ClientSampled :

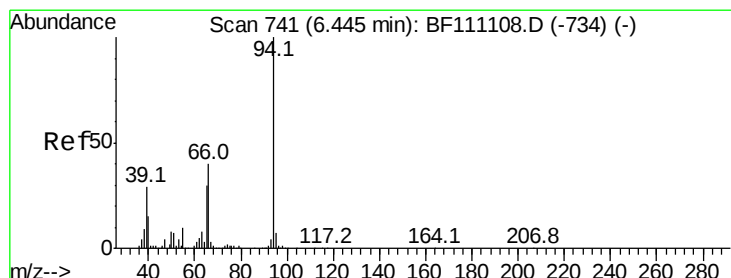
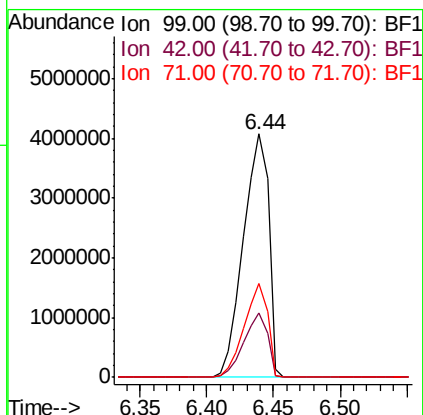
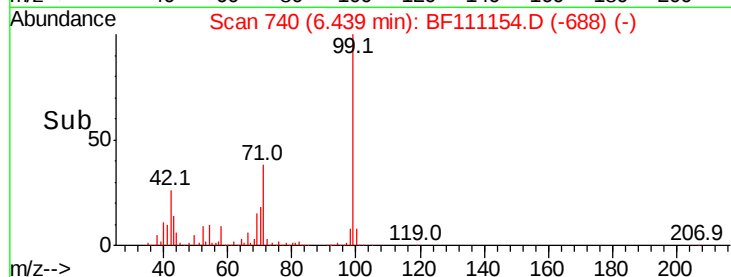
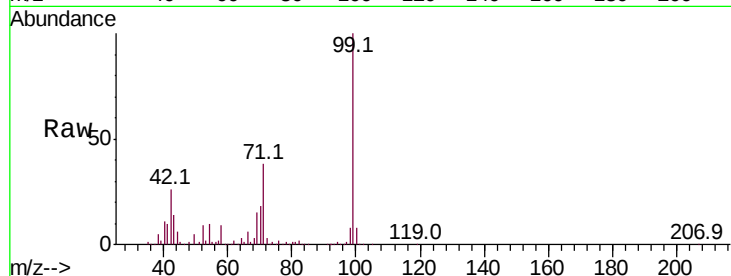
Tot Ion: 99 Resp: 5309864

Ion Ratio Lower Upper

99 100

42 26.4 19.3 28.9

71 38.4 27.4 41.2



#10

Phenol

Concen: 8.099 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

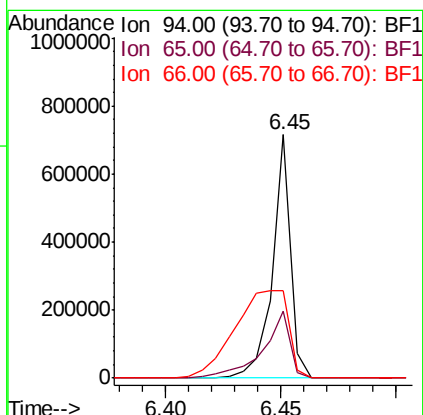
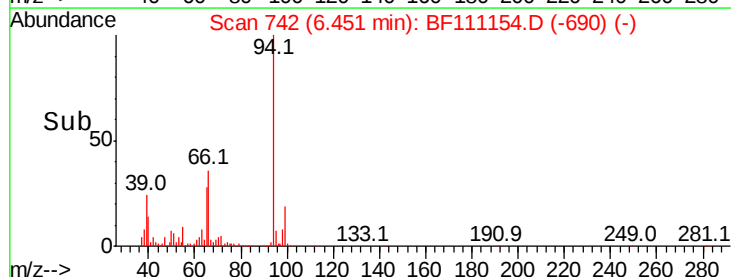
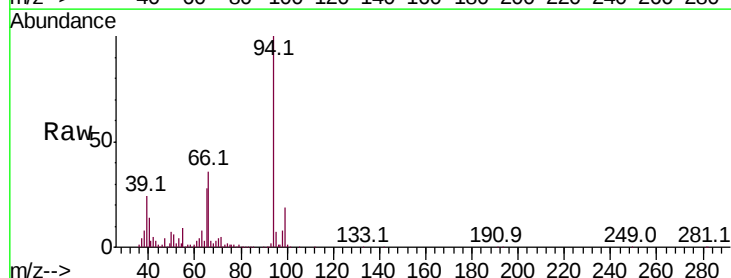
Tgt Ion: 94 Resp: 388391

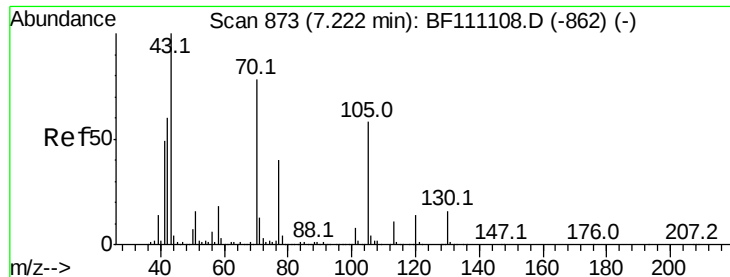
Ion Ratio Lower Upper

94 100

65 27.8 10.5 50.5

66 36.1 19.8 59.8





#19

n-Nitroso-di-n-propylamine

Concen: 16.539 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 488870

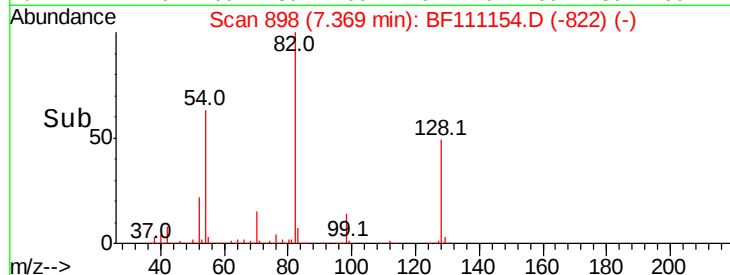
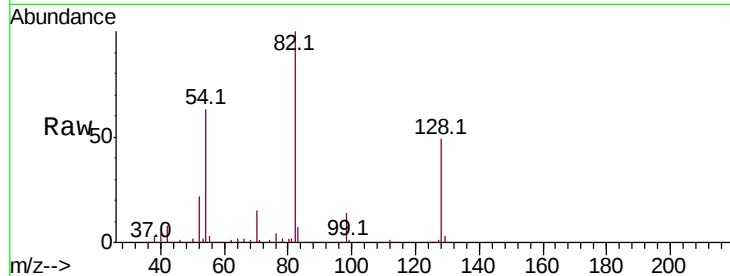
Ion Ratio Lower Upper

70 100

42 56.5 61.3 91.9#

101 0.0 7.7 11.5#

130 2.3 16.3 24.5#

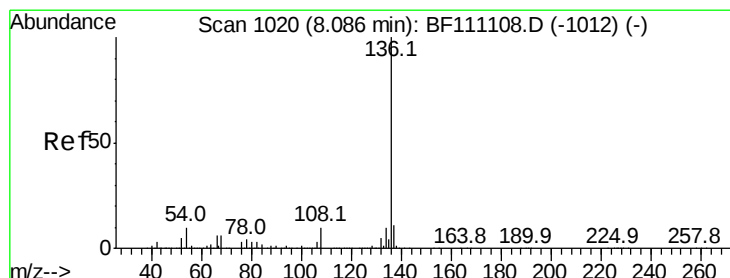
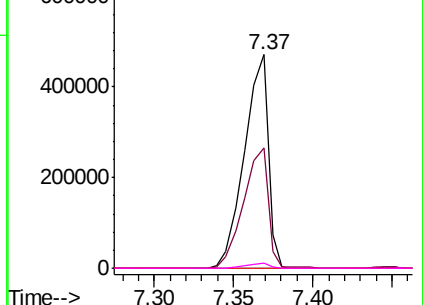


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111154.D

Acq: 6 Dec 2018 22:39

Tgt Ion:136 Resp: 2045143

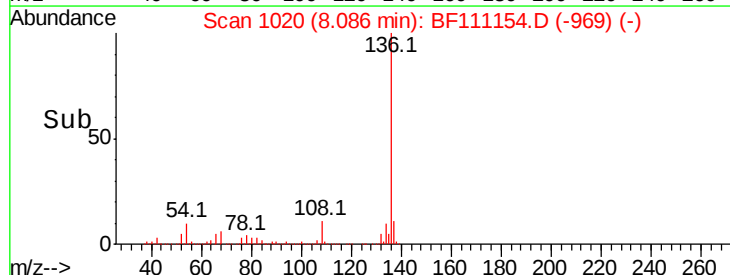
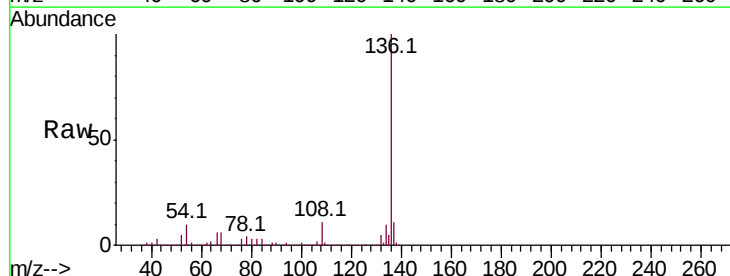
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 9.8 8.4 12.6

68 5.7 5.0 7.4

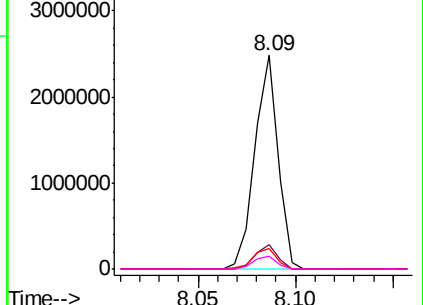


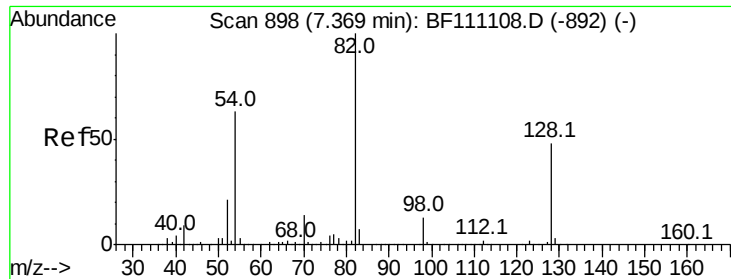
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

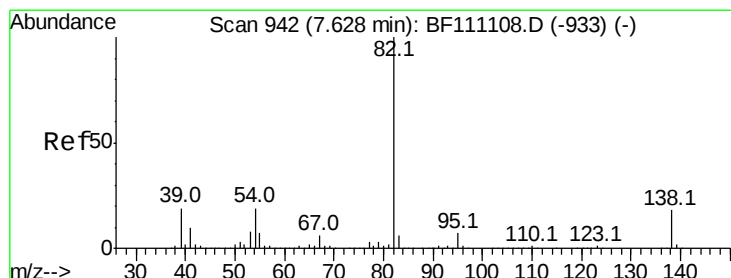
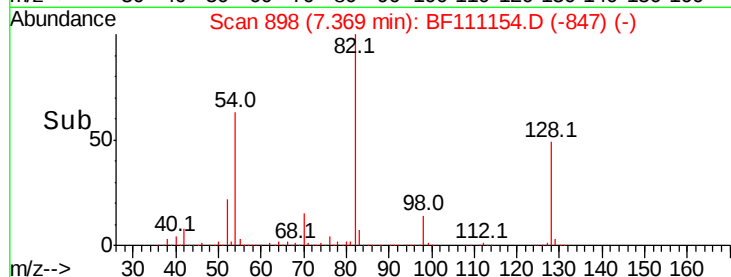
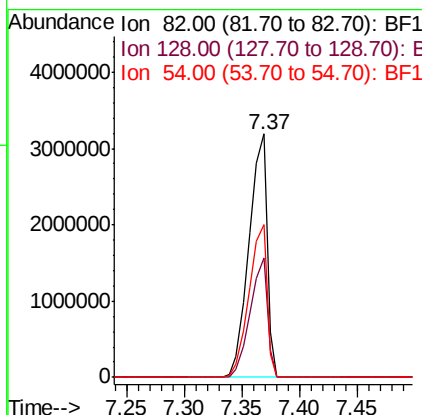
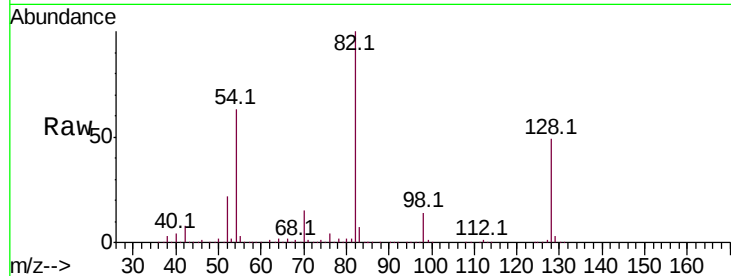




#23
 Nitrobenzene-d5
 Concen: 100.456 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111154.D
 Acq: 6 Dec 2018 22:39

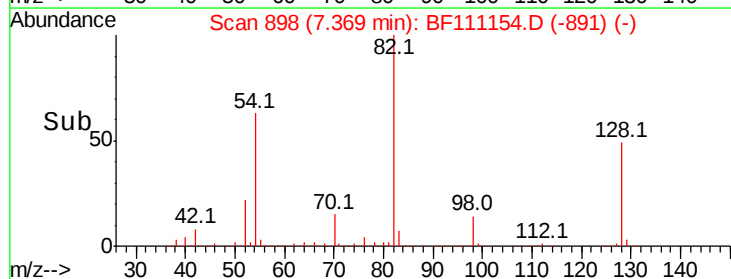
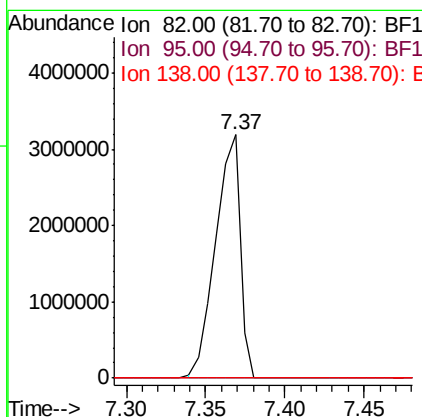
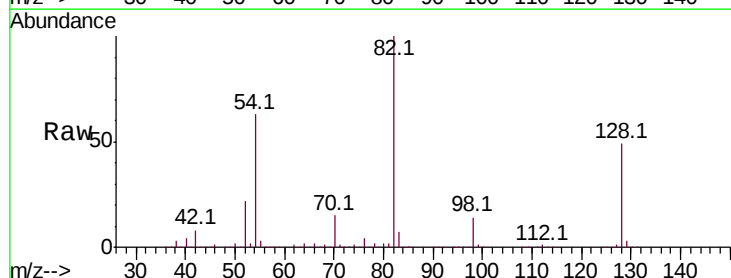
Instrument :
 BNA_F
 ClientSampleId :

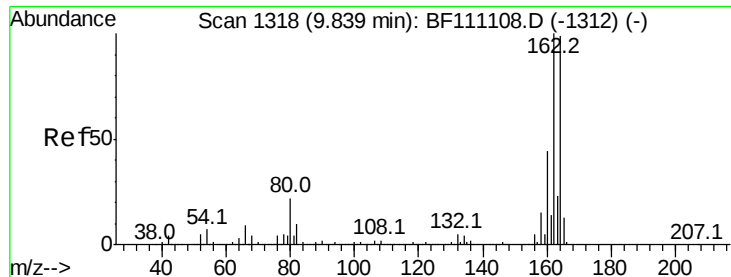
Tot Ion: 82 Resp: 3470202
 Ion Ratio Lower Upper
 82 100
 128 49.0 38.1 57.1
 54 62.8 50.3 75.5



#25
 Isophorone
 Concen: 54.471 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF111154.D
 Acq: 6 Dec 2018 22:39

Tgt Ion: 82 Resp: 3453272
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

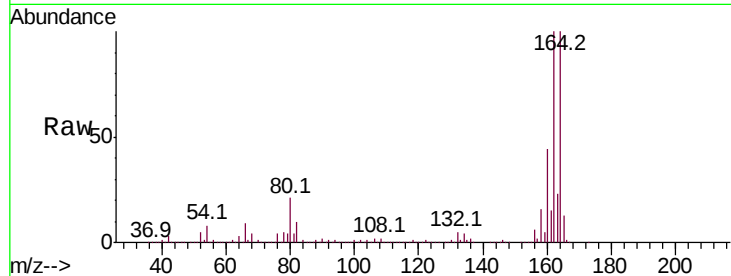




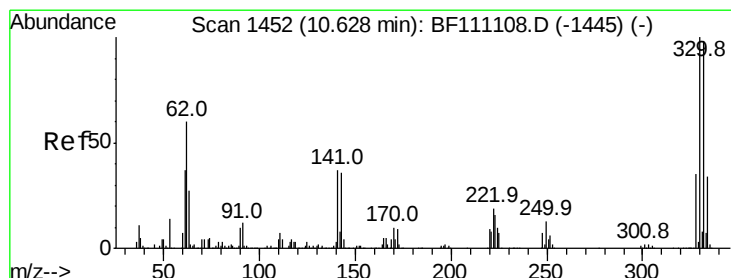
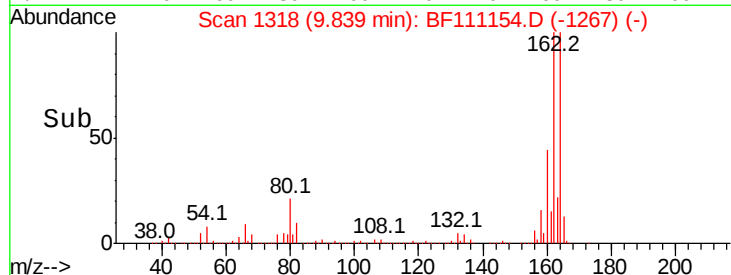
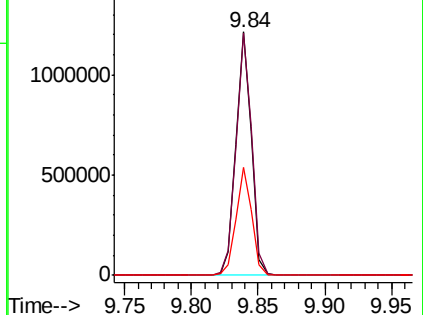
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111154.D
 Acq: 6 Dec 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 988686
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.6 120.8
 160 44.3 35.5 53.3

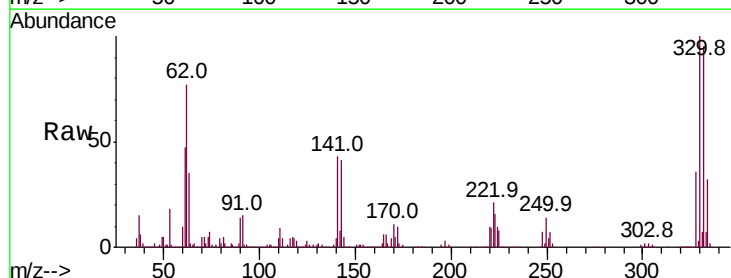


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

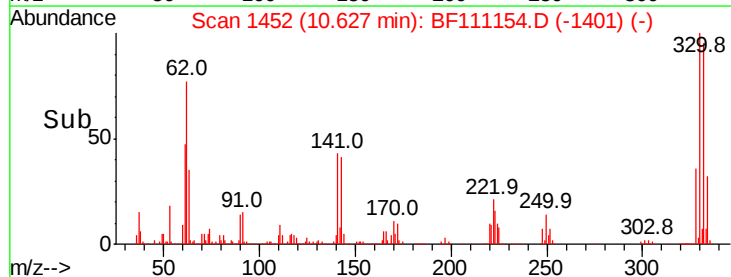
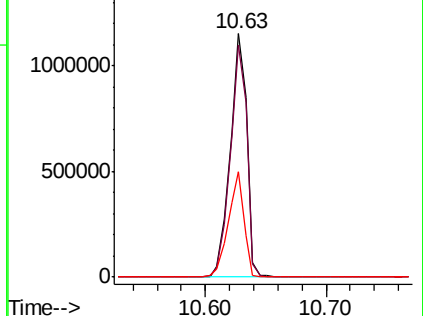


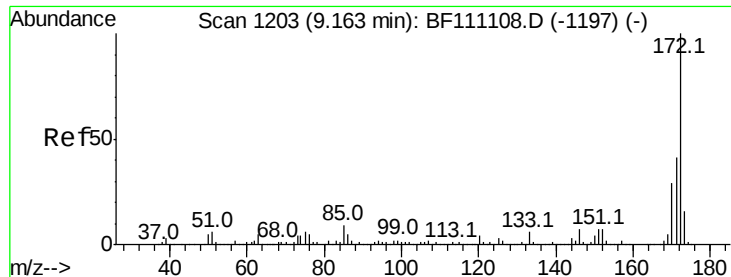
#42
 2,4,6-Tribromophenol
 Concen: 139.880 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111154.D
 Acq: 6 Dec 2018 22:39

Tgt Ion:330 Resp: 1099309
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.2 115.8
 141 40.9 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

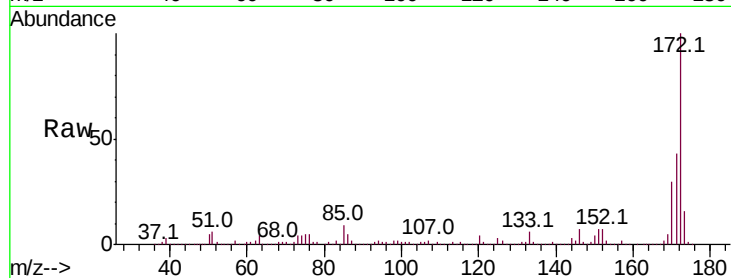




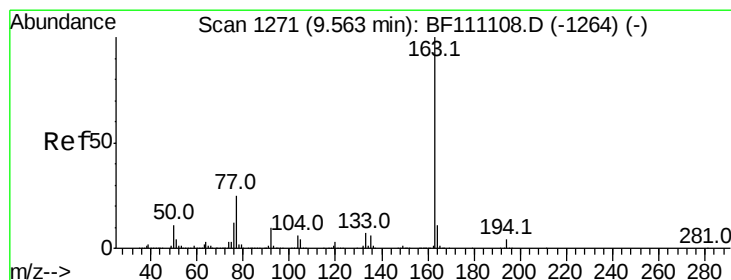
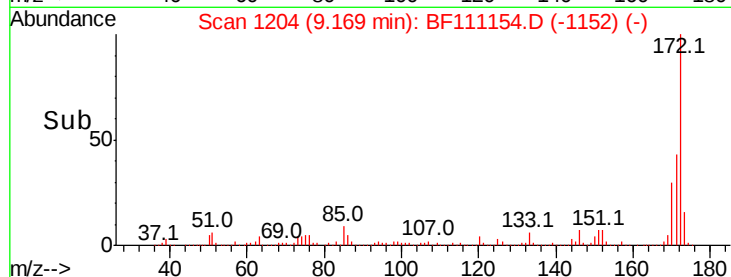
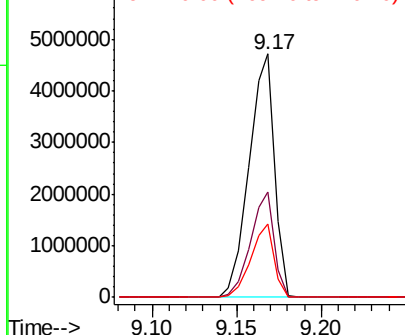
#45
2-Fluorobiphenyl
Concen: 94.660 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4968709
Ion Ratio Lower Upper
172 100
171 43.5 33.2 49.8
170 30.1 22.9 34.3

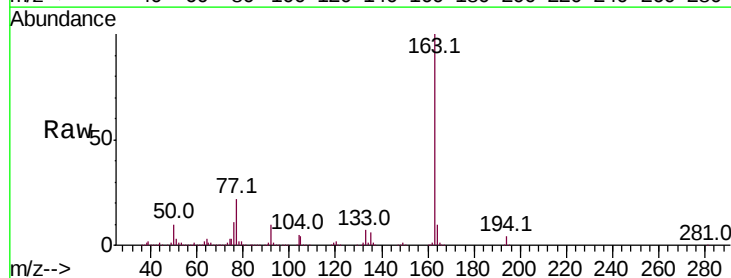


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

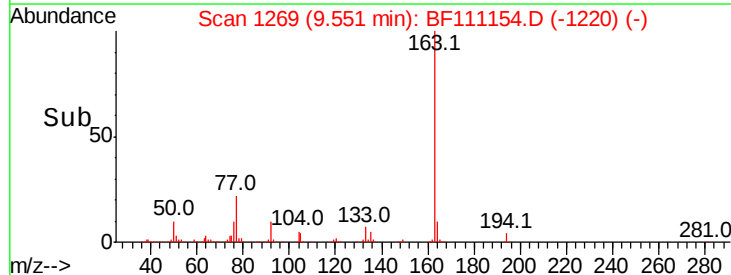
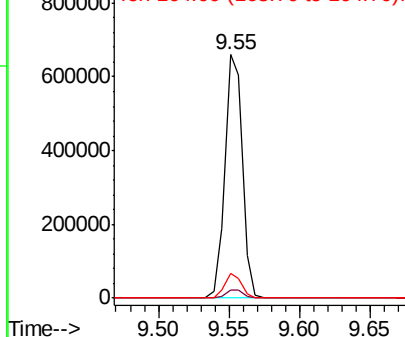


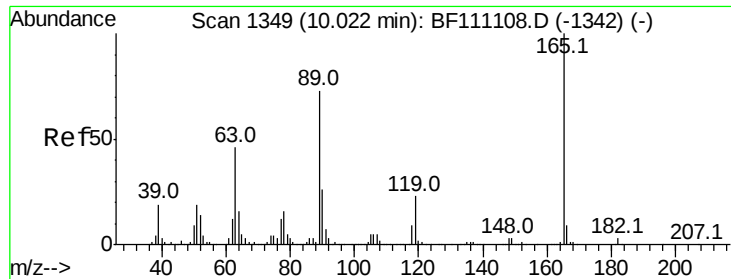
#50
Dimethylphthalate
Concen: 8.240 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Tgt Ion:163 Resp: 566986
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 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

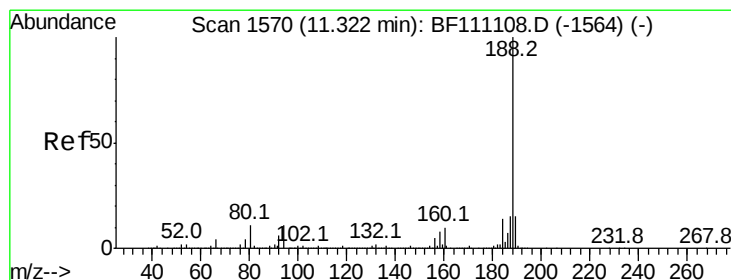
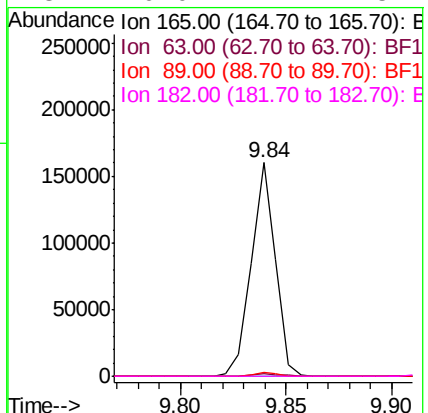
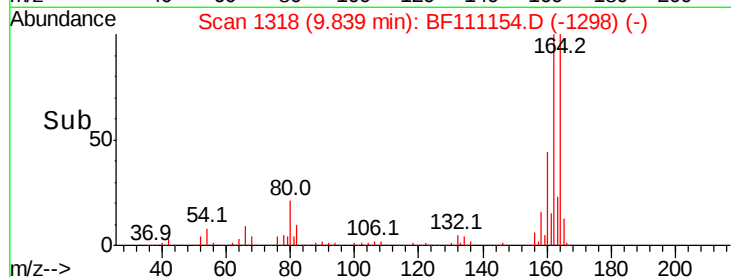
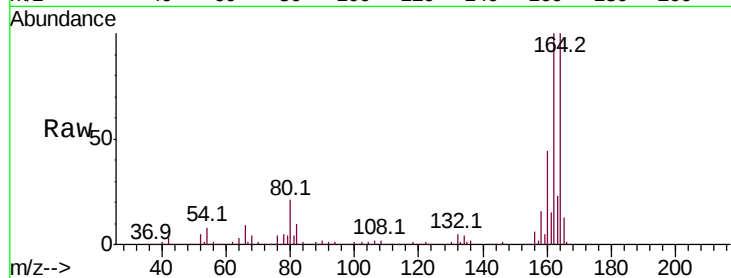




#57
2,4-Dinitrotoluene
Concen: 6.745 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

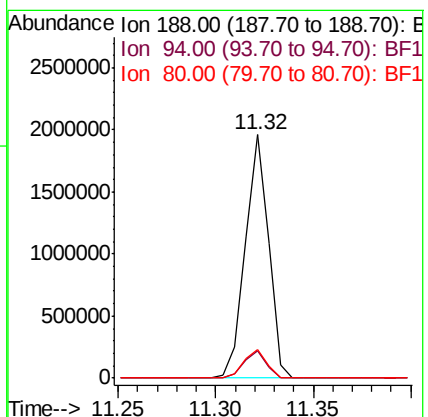
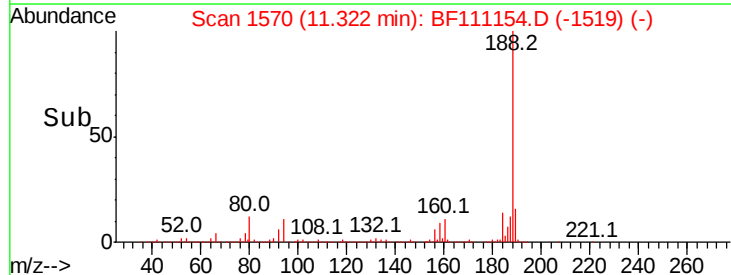
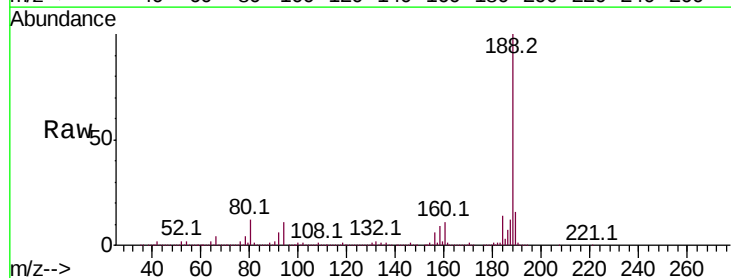
Instrument :
BNA_F
ClientSampled :

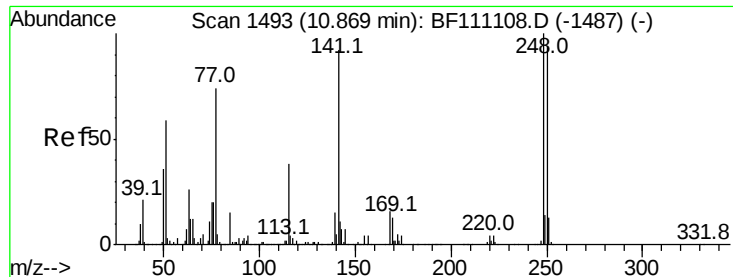
Tot Ion:165 Resp: 127082
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.6 58.4 87.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Tgt Ion:188 Resp: 1615355
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.0 9.0 13.6

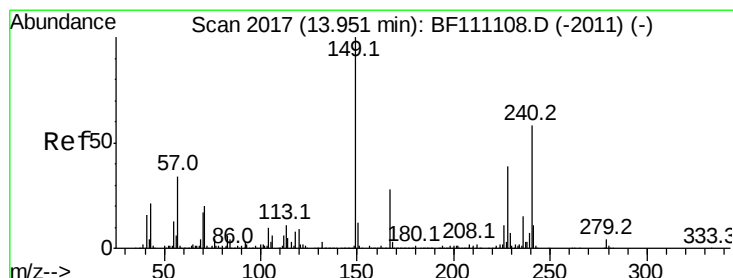
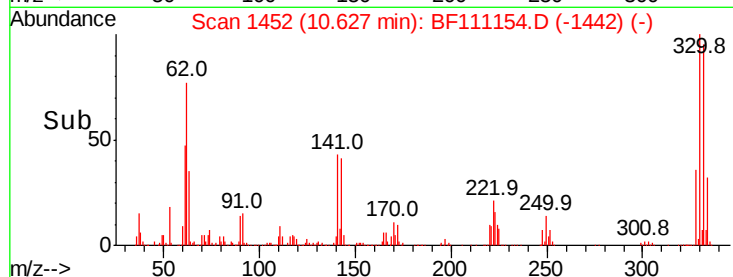
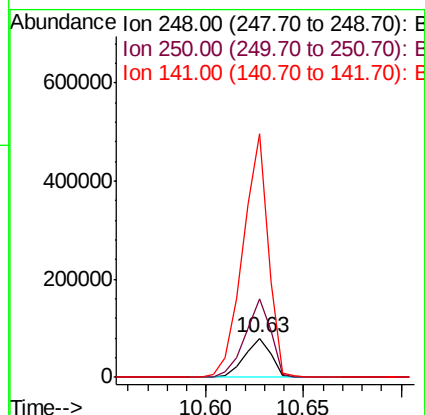
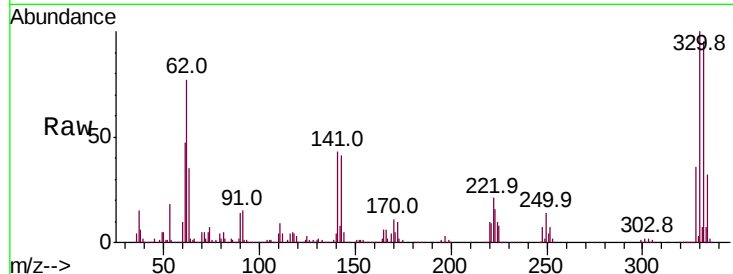




#67
4-Bromophenyl-phenylether
Concen: 4.323 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

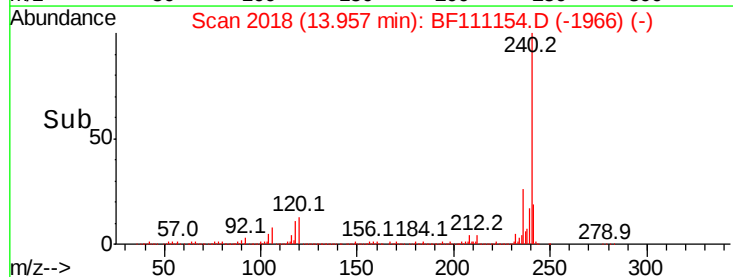
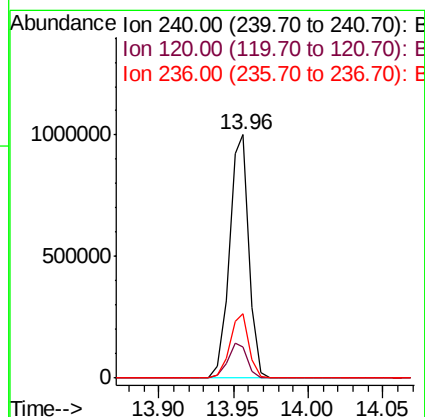
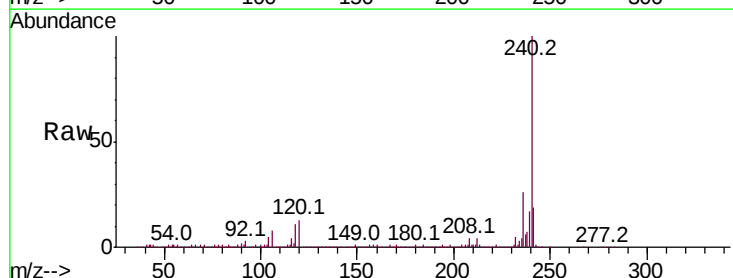
Instrument :
BNA_F
ClientSampleId :

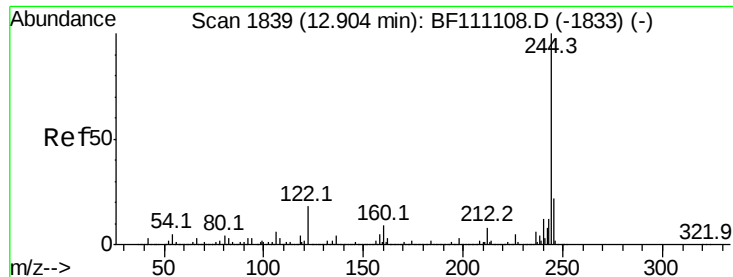
Tot Ion:248 Resp: 73914
Ion Ratio Lower Upper
248 100
250 203.5 75.4 113.0#
141 627.1 73.8 110.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111154.D
Acq: 6 Dec 2018 22:39

Tgt Ion:240 Resp: 925226
Ion Ratio Lower Upper
240 100
120 12.6 12.8 19.2#
236 26.3 21.1 31.7

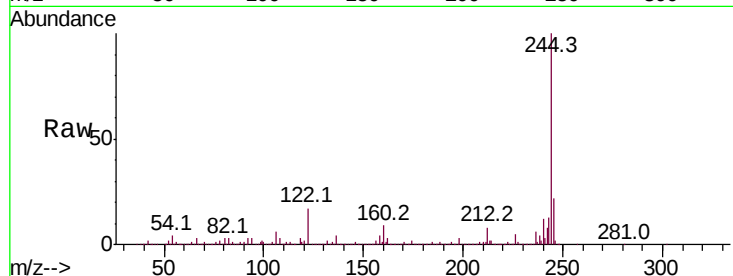




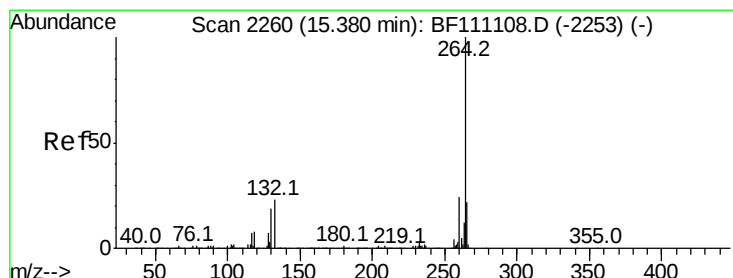
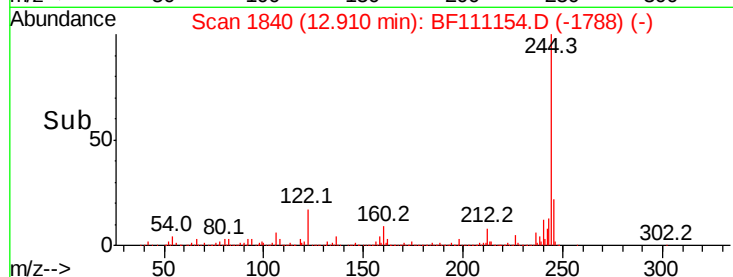
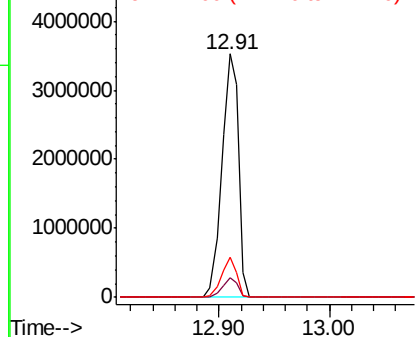
#79
 Terphenyl-d14
 Concen: 80.972 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111154.D
 Acq: 6 Dec 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3658110
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 16.6 14.2 21.2

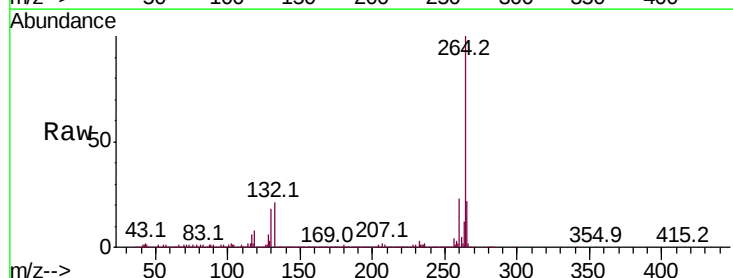


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111154.D
 Acq: 6 Dec 2018 22:39

Tgt Ion:264 Resp: 987842
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 22.4 17.4 26.0



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

