

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111212.D
 Acq On : 8 Dec 2018 3:23
 Operator : JU/SJ
 Sample : J6255-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120518-TIPC-E-U-M

Quant Time: Dec 08 04:54:10 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	422911	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1664368	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	588902	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	859256	20.00	ng	0.00
76) Chrysene-d12	13.96	240	896590	20.00	ng	0.00
87) Perylene-d12	15.39	264	633047	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1202100	44.36	ng	0.00
7) Phenol-d6	6.43	99	1012435	29.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	2665254	94.81	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	436577	93.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4244345	143.26	ng	0.00
79) Terphenyl-d14	12.91	244	3036574	69.36	ng	0.00

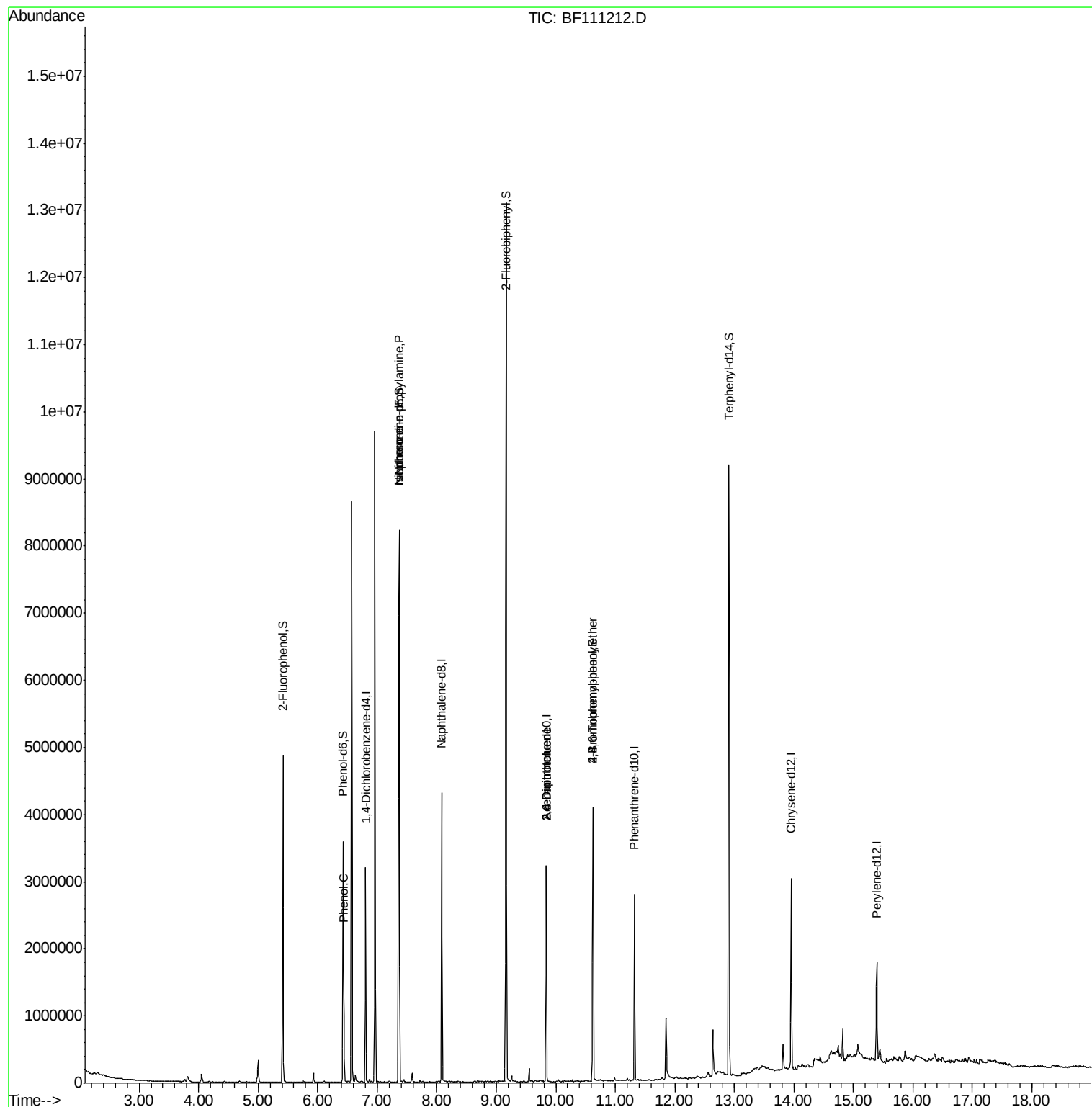
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	3944	Below Cal		# 1
10) Phenol	6.44	94	197715	5.194	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	364295	15.527	ng	# 71
25) Isophorone	7.37	82	2657722	51.513	ng	# 65
51) 2,6-Dinitrotoluene	9.84	165	73521	8.461	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	73521	6.551	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	28223	3.103	ng	# 1

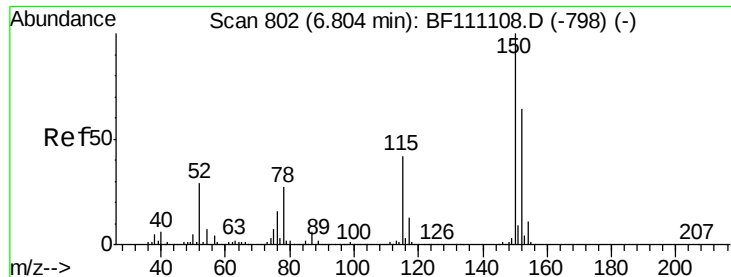
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Quant Time: Dec 08 04:54:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
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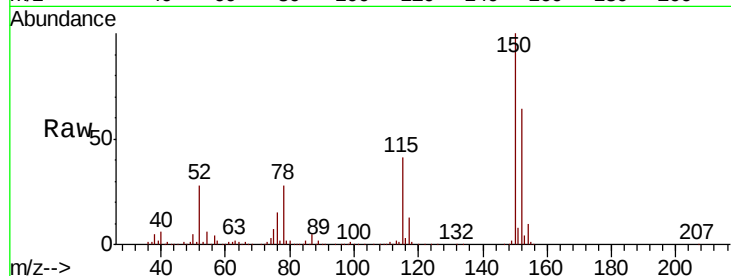


#1

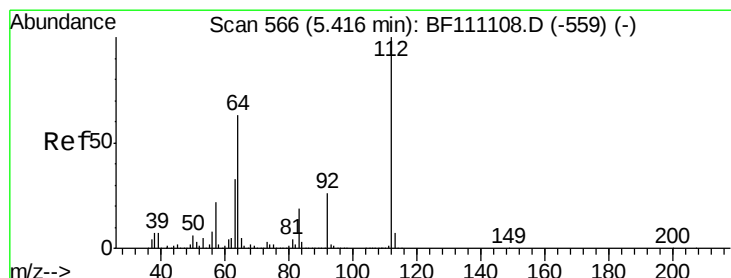
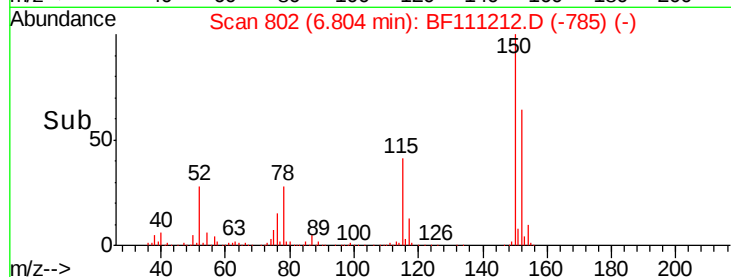
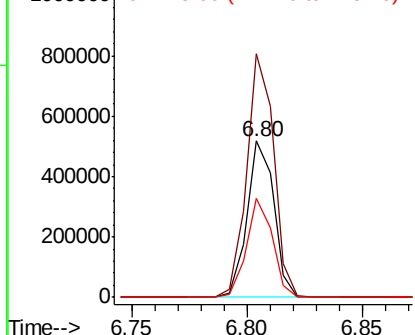
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion:152 Resp: 422911
Ion Ratio Lower Upper
152 100
150 155.7 124.6 187.0
115 63.3 52.2 78.2



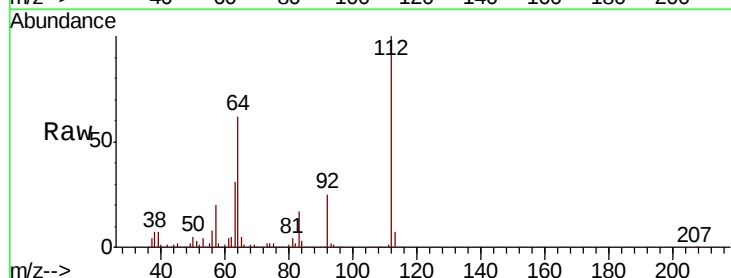
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



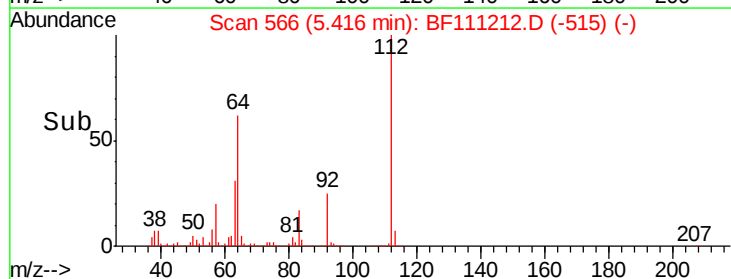
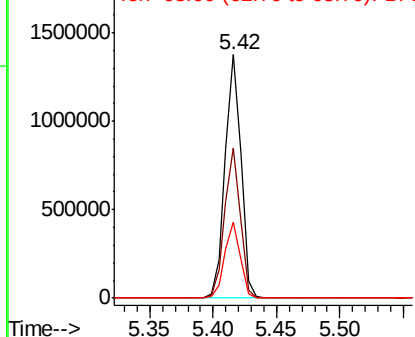
#5

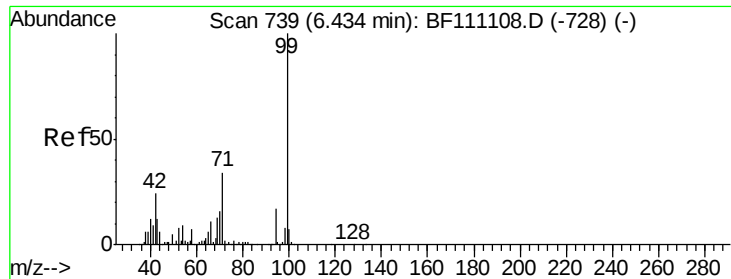
2-Fluorophenol
Concen: 44.355 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:112 Resp: 1202100
Ion Ratio Lower Upper
112 100
64 61.6 50.2 75.4
63 31.4 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: 29.000 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111212.D

Acq: 8 Dec 2018 3:23

Instrument :

BNA_F

ClientSampleId :

120518-TIPC-E-U-M

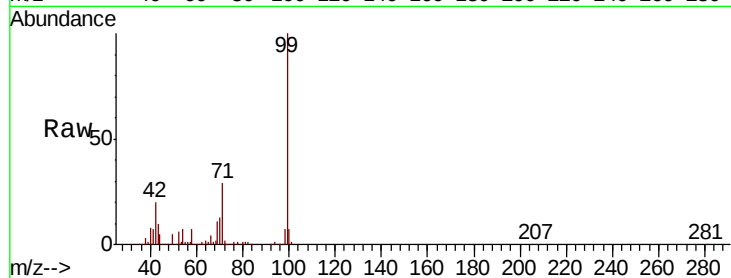
Tgt Ion: 99 Resp: 1012435

Ion Ratio Lower Upper

99 100

42 19.9 19.3 28.9

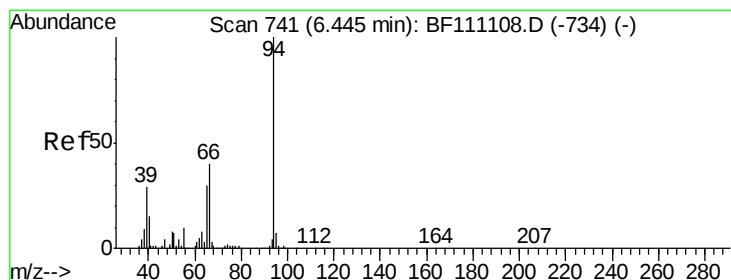
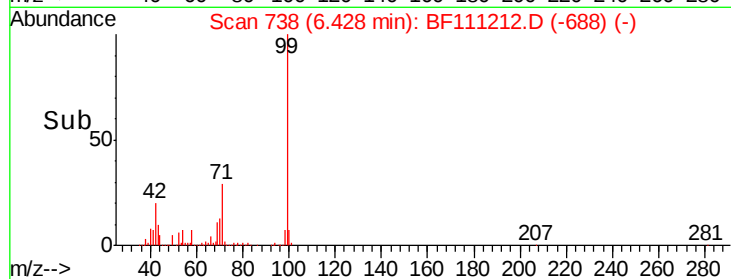
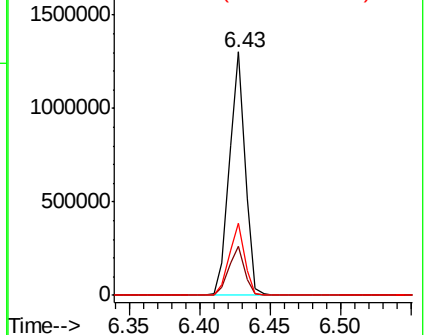
71 29.4 27.4 41.2



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: 5.194 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111212.D

Acq: 8 Dec 2018 3:23

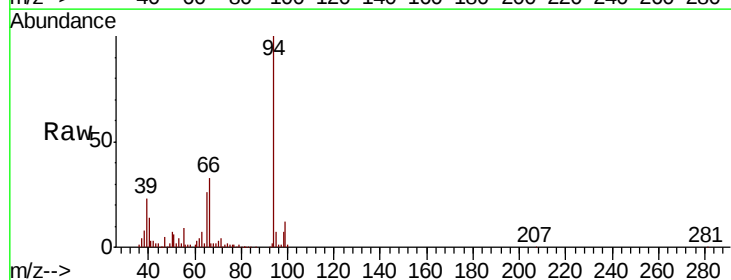
Tgt Ion: 94 Resp: 197715

Ion Ratio Lower Upper

94 100

65 26.1 10.5 50.5

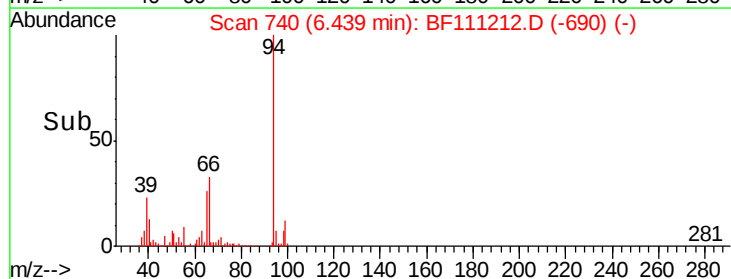
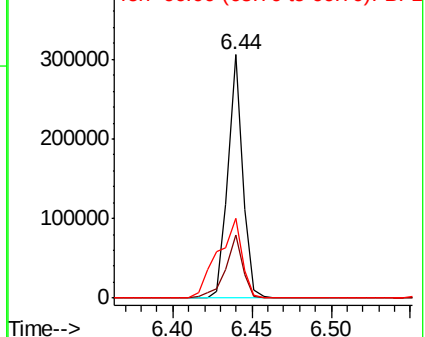
66 33.0 19.8 59.8

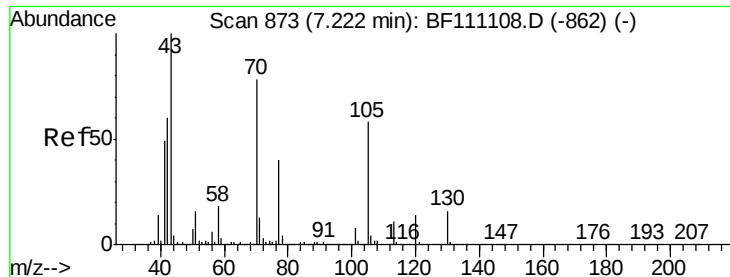


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

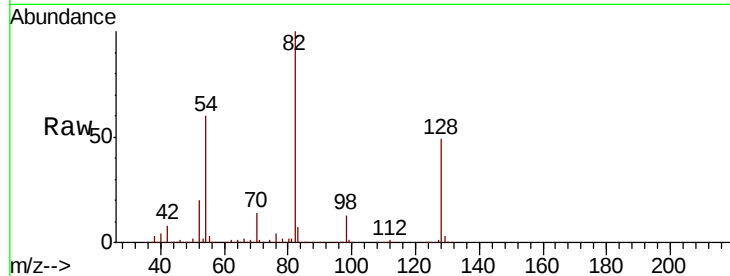




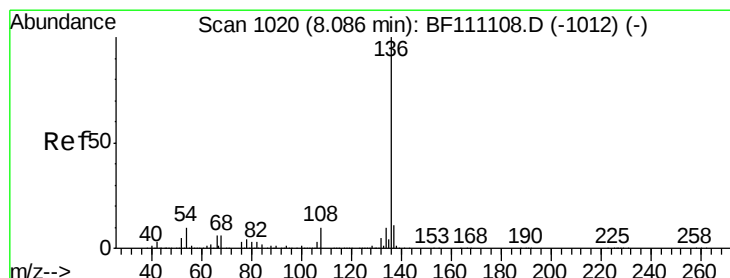
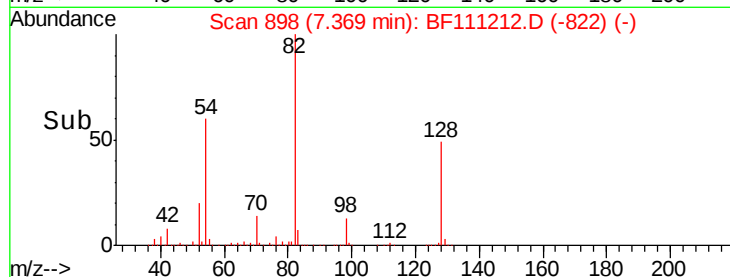
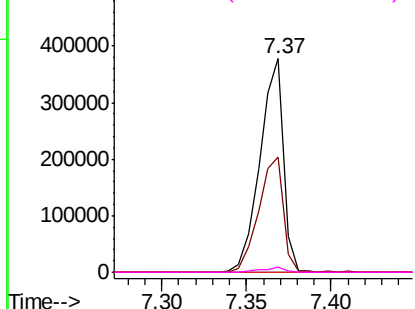
#19
n-Nitroso-di-n-propylamine
Concen: 15.527 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion: 70 Resp: 364295
Ion Ratio Lower Upper
70 100
42 53.9 61.3 91.9#
101 0.0 7.7 11.5#
130 2.5 16.3 24.5#



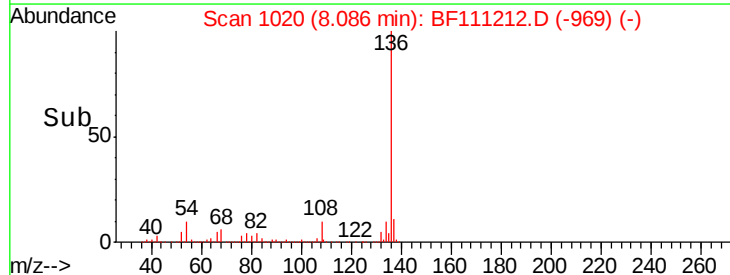
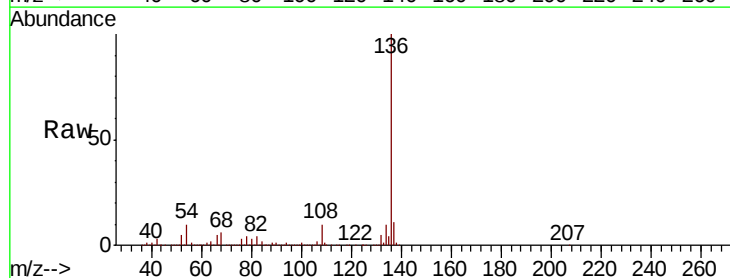
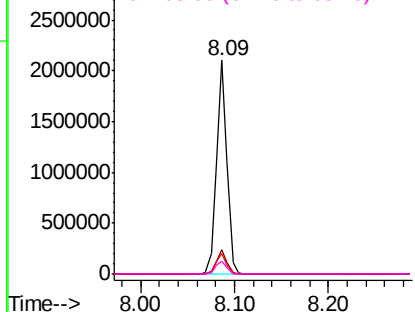
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

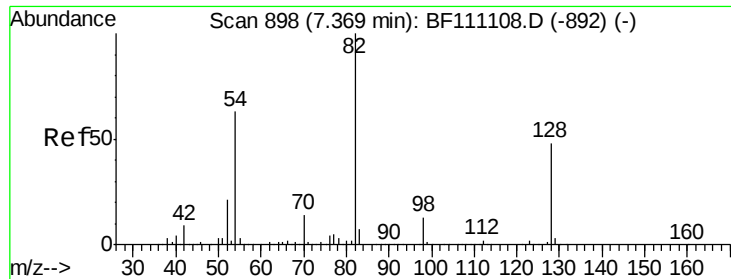


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:136 Resp: 1664368
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.9 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

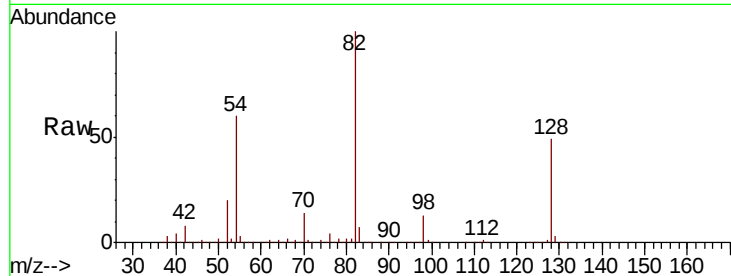




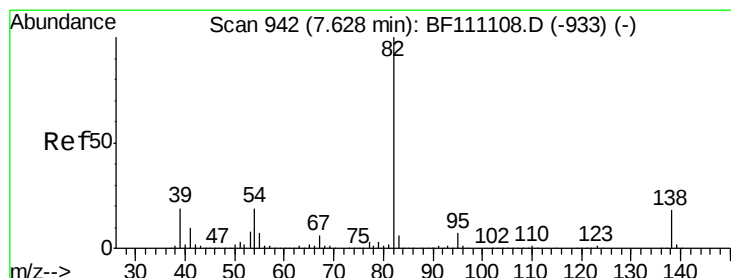
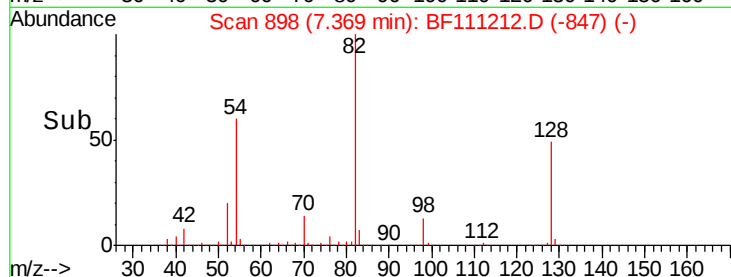
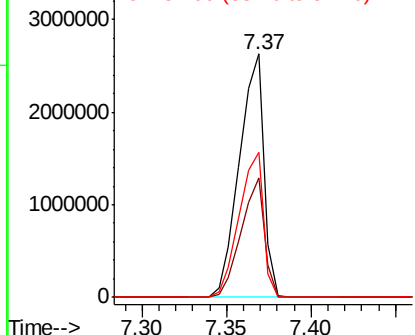
#23
Nitrobenzene-d5
Concen: 94.806 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion: 82 Resp: 2665254
Ion Ratio Lower Upper
82 100
128 49.0 38.1 57.1
54 59.7 50.3 75.5

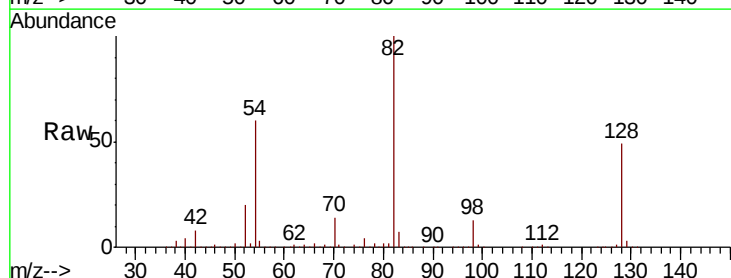


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

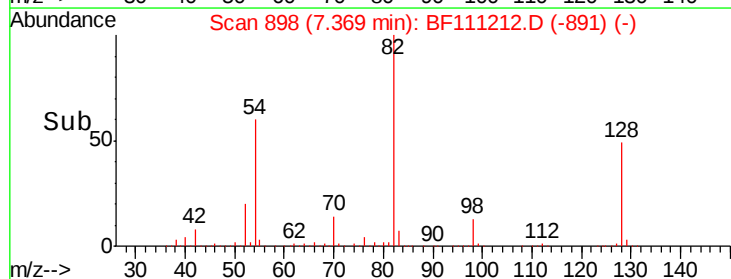
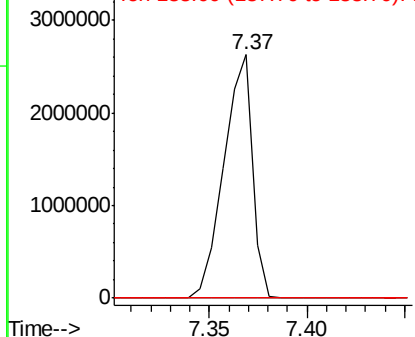


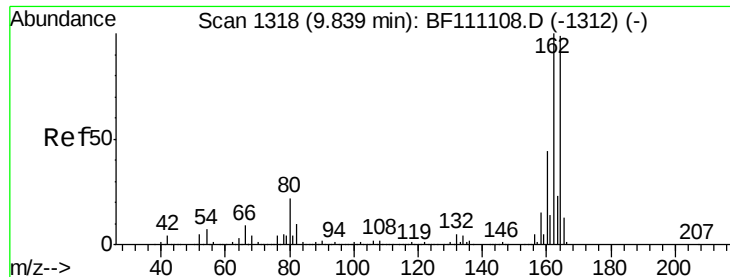
#25
Isophorone
Concen: 51.513 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion: 82 Resp: 2657722
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



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

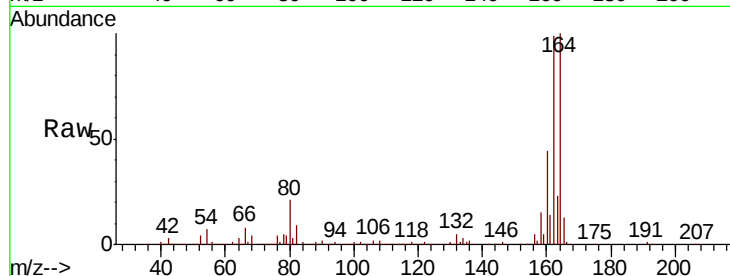




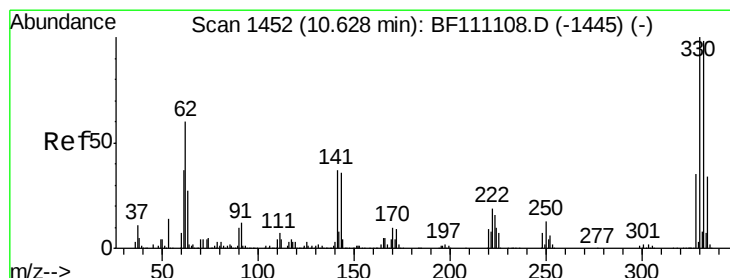
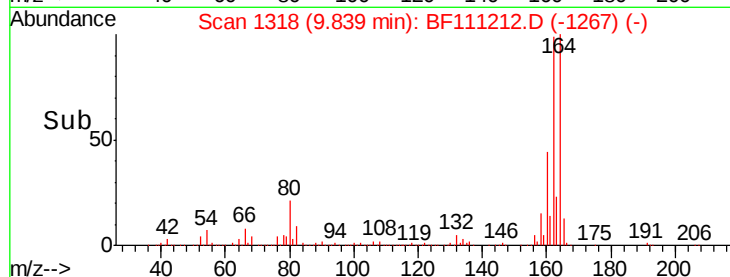
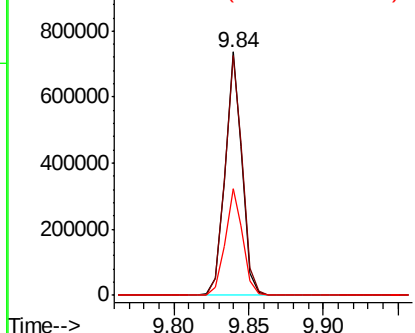
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Instrument :
BNA_F
ClientSampleId :
120518-TIPC-E-U-M

Tgt Ion:164 Resp: 588902
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 43.9 35.5 53.3

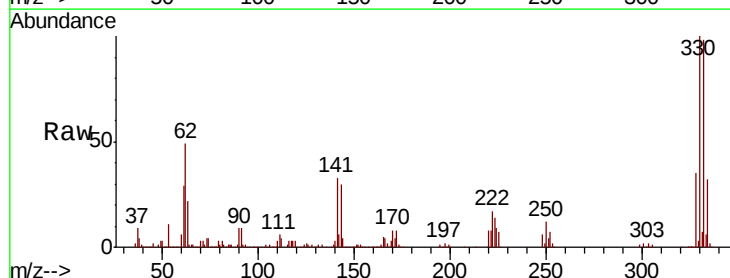


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

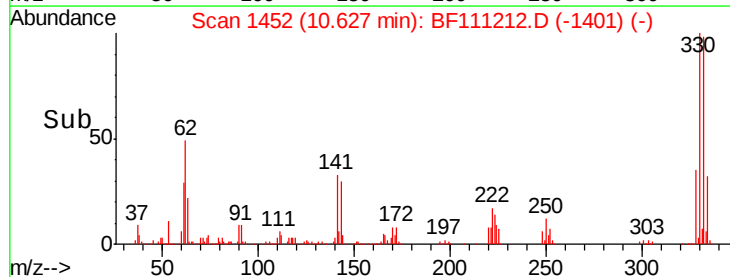
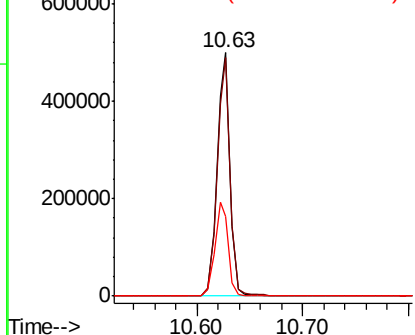


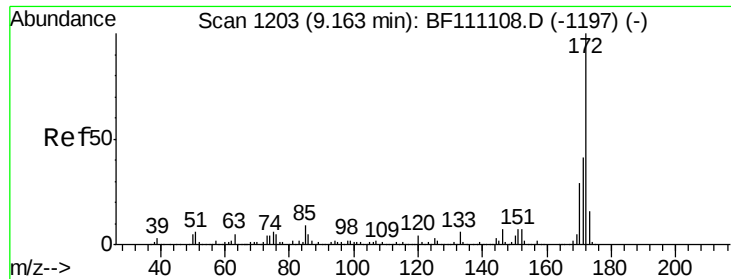
#42
2,4,6-Tribromophenol
Concen: 93.264 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111212.D
Acq: 8 Dec 2018 3:23

Tgt Ion:330 Resp: 436577
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 40.1 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

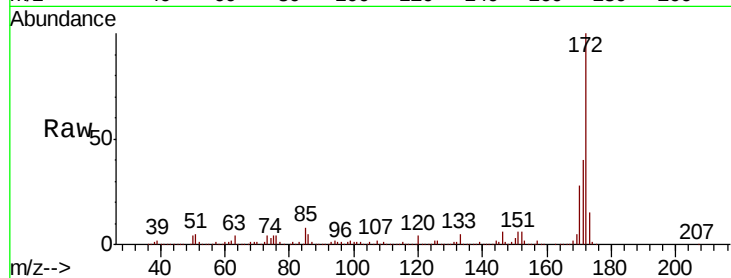




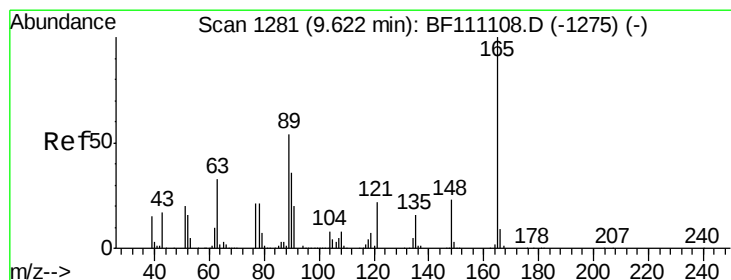
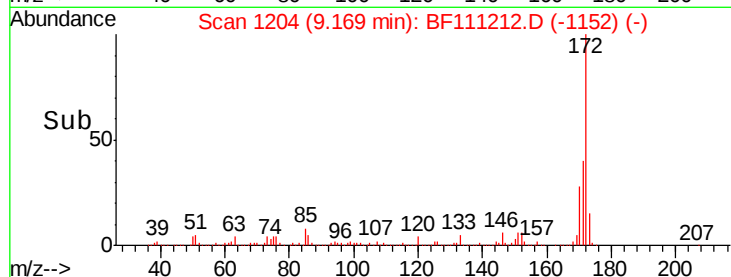
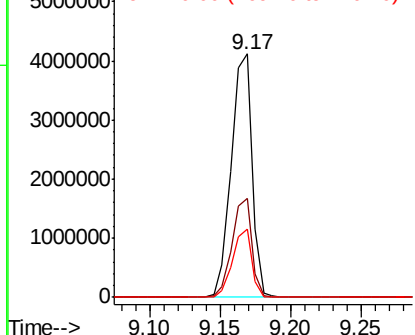
#45
 2-Fluorobiphenyl
 Concen: 143.263 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111212.D
 Acq: 8 Dec 2018 3:23

Instrument :
 BNA_F
 ClientSampleId :
 120518-TIPC-E-U-M

Tgt Ion:172 Resp: 4244345
 Ion Ratio Lower Upper
 172 100
 171 40.5 33.2 49.8
 170 27.9 22.9 34.3

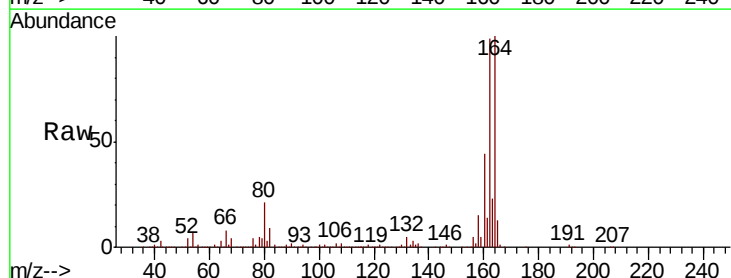


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

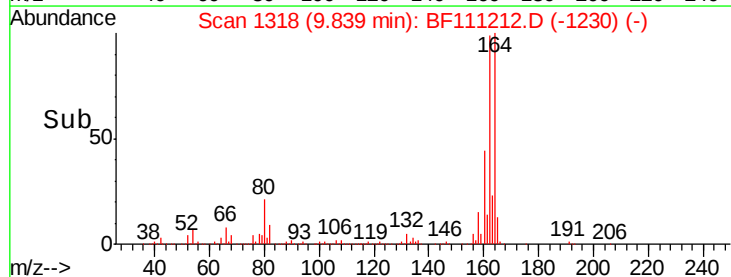
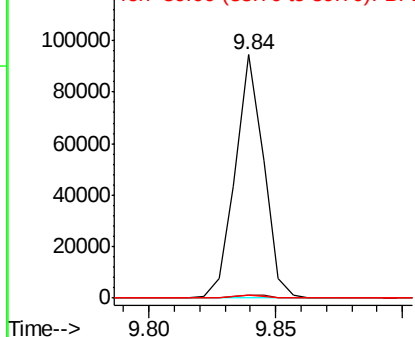


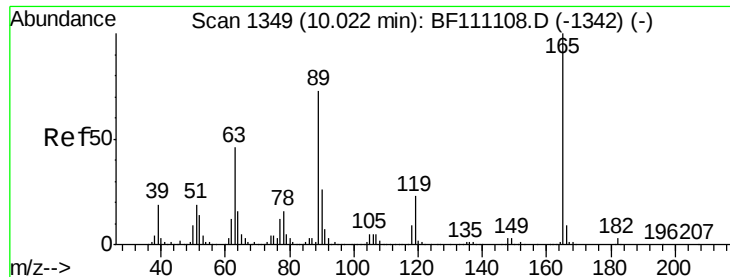
#51
 2,6-Dinitrotoluene
 Concen: 8.461 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.22 min
 Lab File: BF111212.D
 Acq: 8 Dec 2018 3:23

Tgt Ion:165 Resp: 73521
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.2 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: 6.551 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF111212.D

Acq: 8 Dec 2018 3:23

Instrument :

BNA_F

ClientSampleId :

120518-TIPC-E-U-M

Tgt Ion:165 Resp: 73521

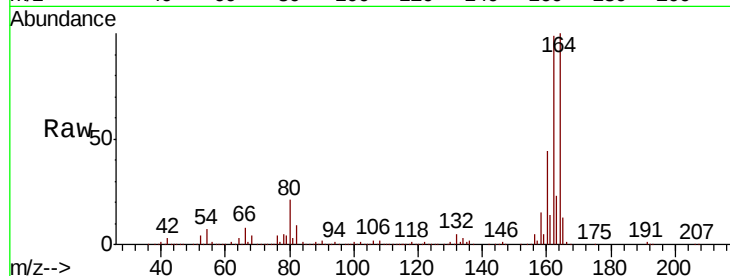
Ion Ratio Lower Upper

165 100

63 1.4 36.7 55.1#

89 1.2 58.4 87.6#

182 0.0 2.1 3.1#

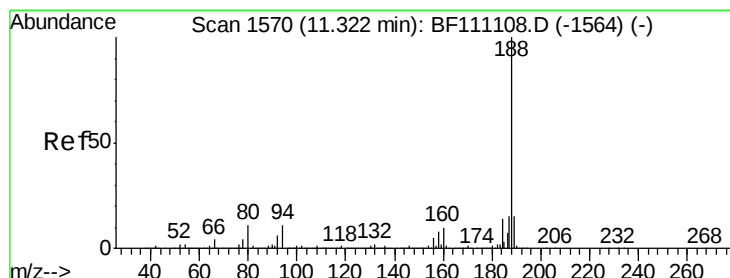
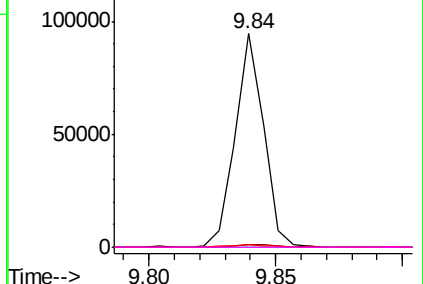
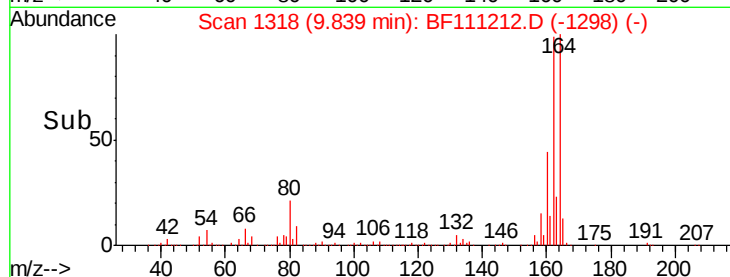


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111212.D

Acq: 8 Dec 2018 3:23

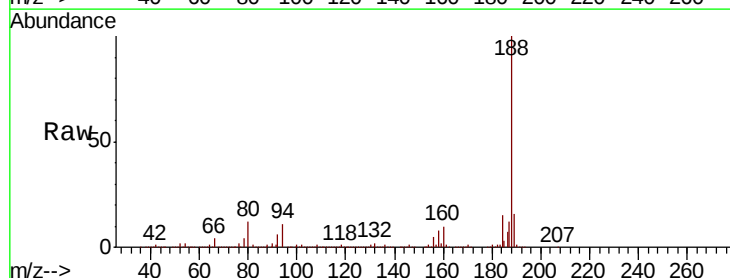
Tgt Ion:188 Resp: 859256

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

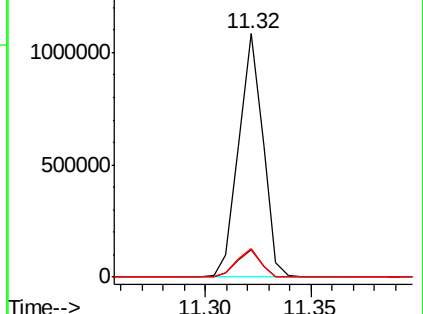
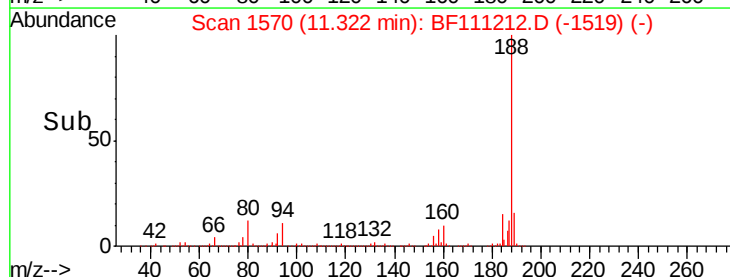
80 11.6 9.0 13.6

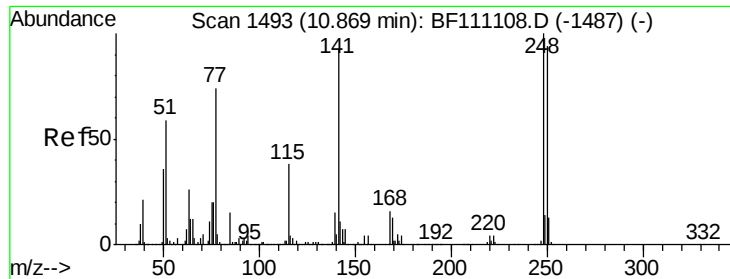


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

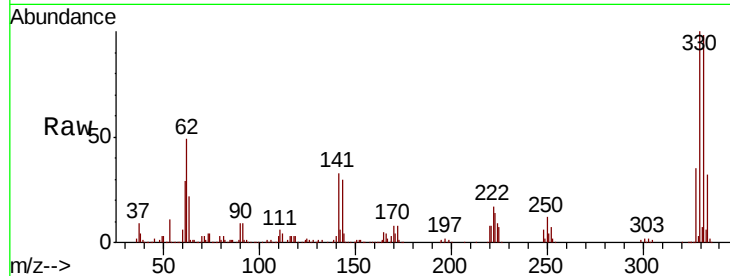




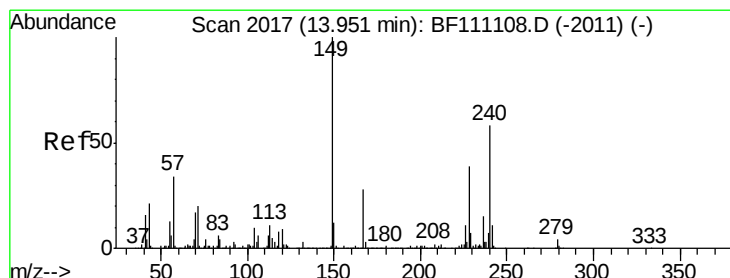
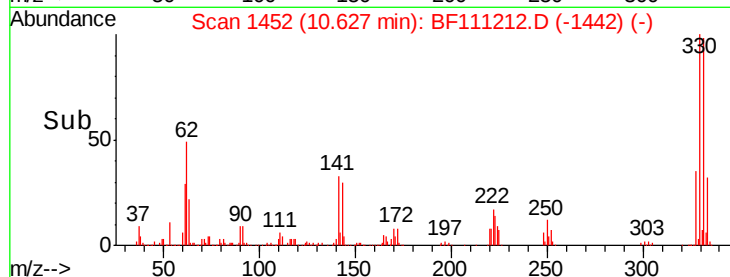
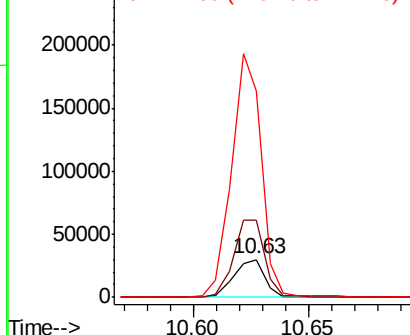
#67
 4-Bromophenyl-phenylether
 Concen: 3.103 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111212.D
 Acq: 8 Dec 2018 3:23

Instrument :
 BNA_F
 ClientSampleId :
 120518-TIPC-E-U-M

Tgt Ion:248 Resp: 28223
 Ion Ratio Lower Upper
 248 100
 250 204.1 75.4 113.0#
 141 547.5 73.8 110.6#

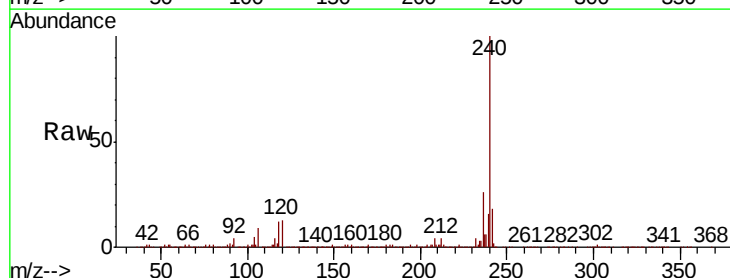


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

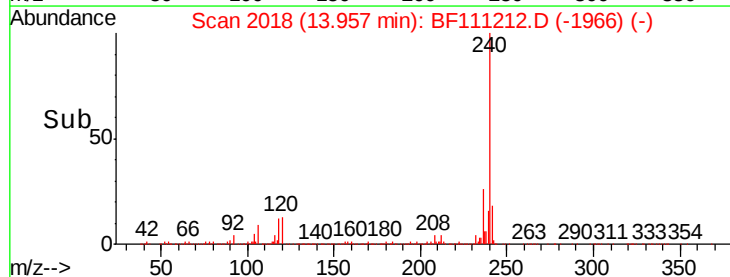
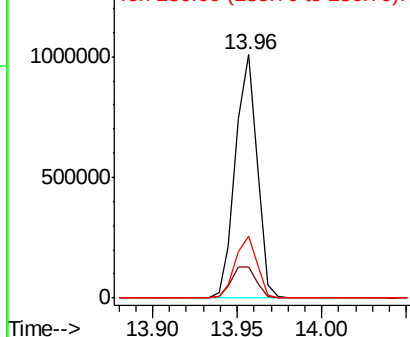


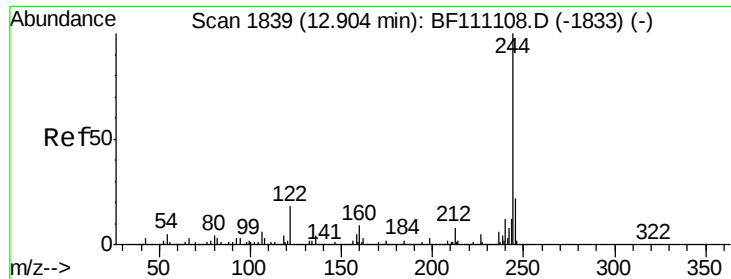
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111212.D
 Acq: 8 Dec 2018 3:23

Tgt Ion:240 Resp: 896590
 Ion Ratio Lower Upper
 240 100
 120 13.0 12.8 19.2
 236 25.6 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

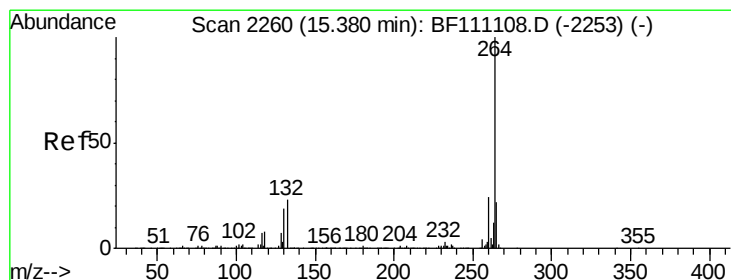
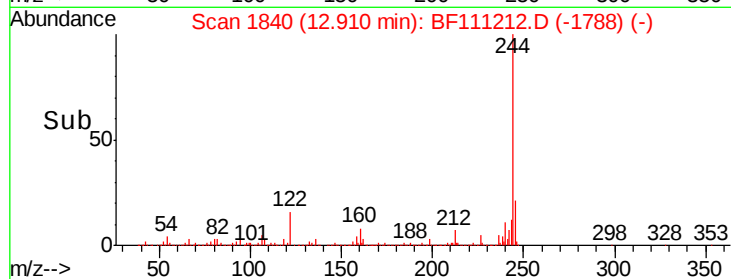
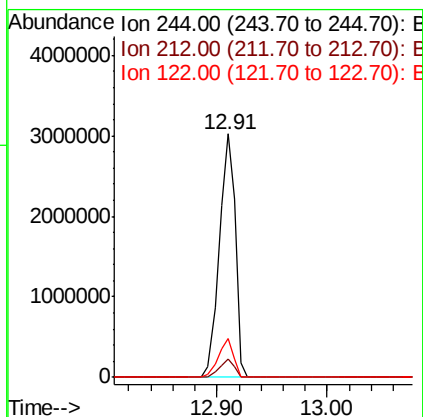
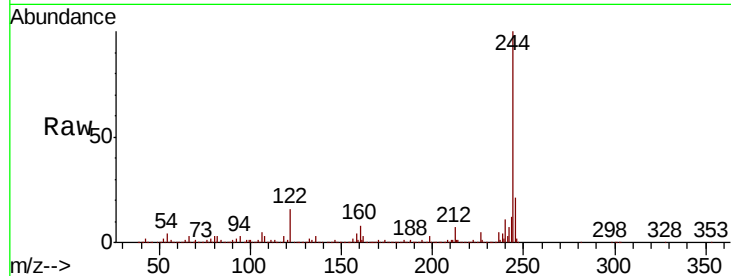




#79
 Terphenyl-d14
 Concen: 69.361 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111212.D
 Acq: 8 Dec 2018 3:23

Instrument :
 BNA_F
 ClientSampleId :
 120518-TIPC-E-U-M

Tgt Ion:244 Resp: 3036574
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 9.8
 122 16.0 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111212.D
 Acq: 8 Dec 2018 3:23

Tgt Ion:264 Resp: 633047
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 23.7 17.4 26.0

