

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111136.D
 Acq On : 6 Dec 2018 14:13
 Operator : JU/SJ
 Sample : J6204-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 15:47:43 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

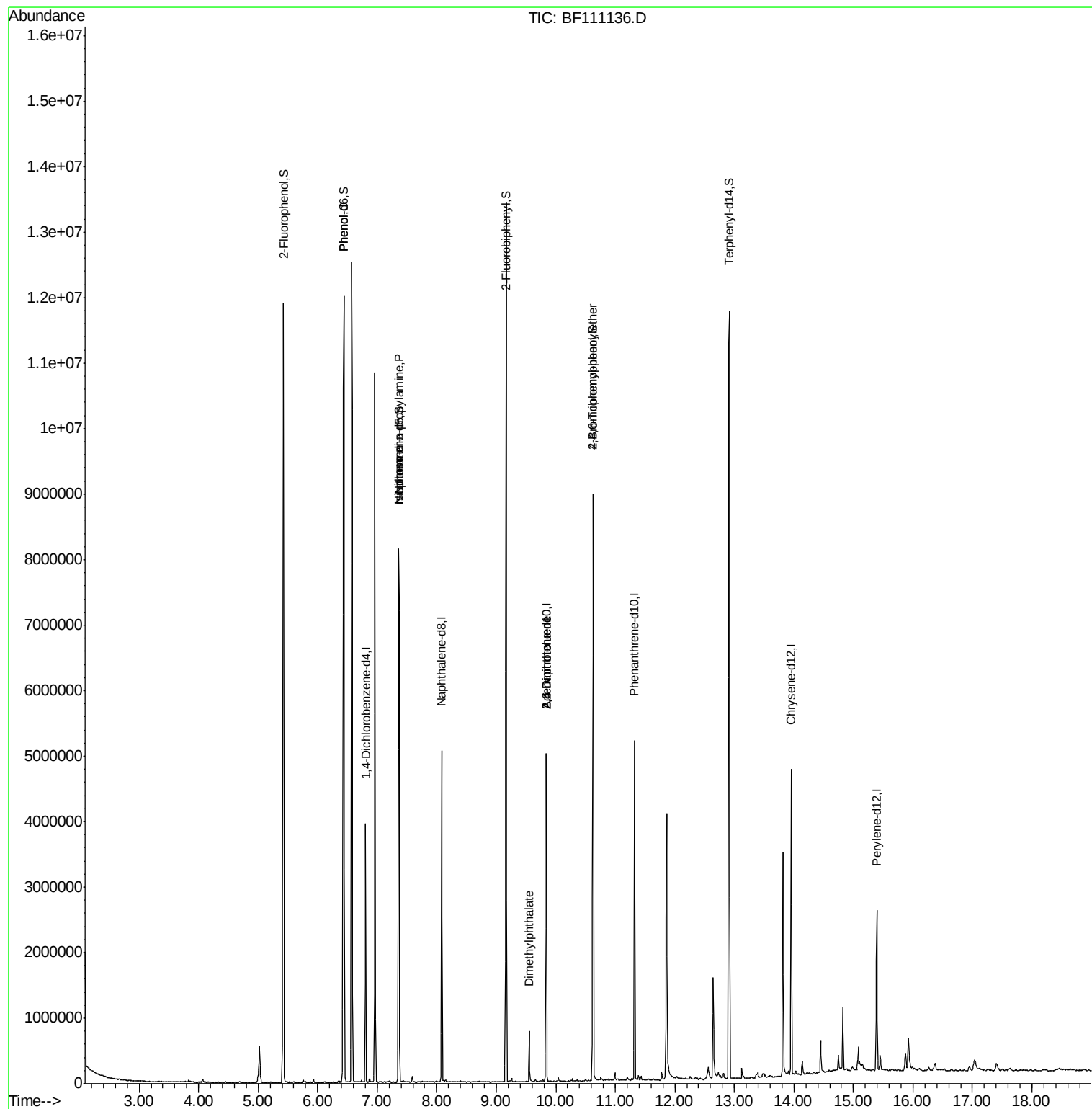
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	505845	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1999156	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	962104	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1701816	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1300144	20.00	ng	-0.01
87) Perylene-d12	15.39	264	1007787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3272569	100.95	ng	0.01
7) Phenol-d6	6.44	99	4126582	98.82	ng	0.00
23) Nitrobenzene-d5	7.36	82	2671619	79.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	917509	119.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4123108	78.17	ng	0.00
79) Terphenyl-d14	12.92	244	3924098	61.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	3902	Below Cal		Qvalue 87
10) Phenol	6.45	94	272649	5.988	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	363604	12.957	ng	# 76
25) Isophorone	7.36	82	2663332	42.977	ng	# 65
50) Dimethylphthalate	9.56	163	303746	4.536	ng	98
51) 2,6-Dinitrotoluene	9.84	165	123919	8.729	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	123919	6.759	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	62099	3.447	ng	# 1

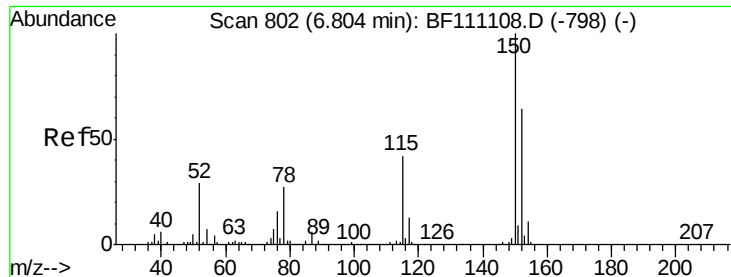
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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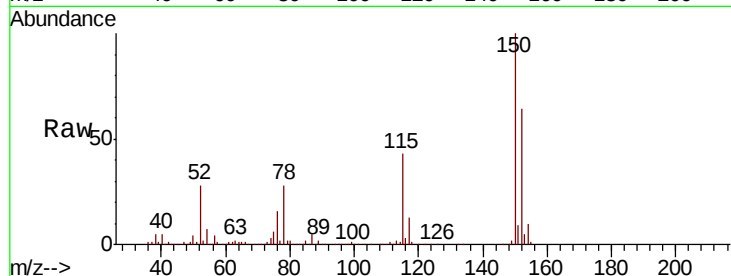


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	187.0
115	67.9	52.2	78.2

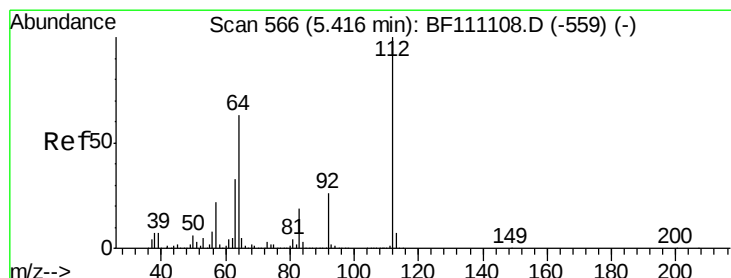
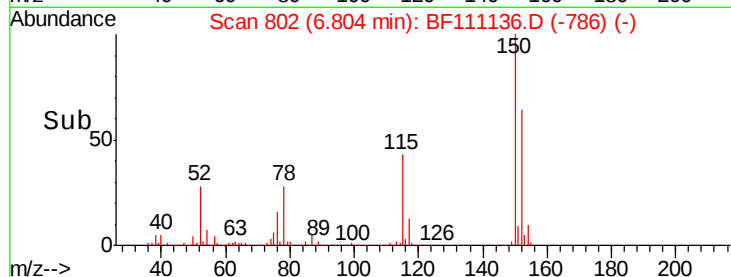
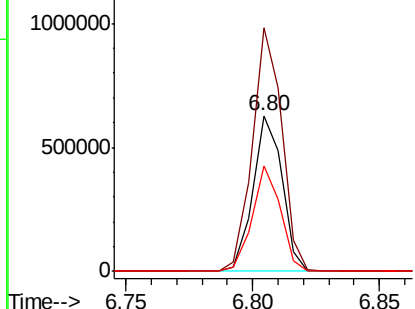


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

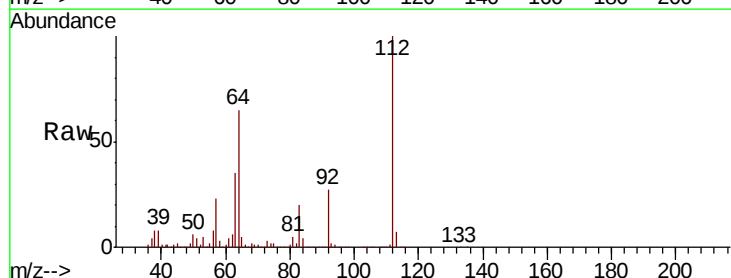
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.954 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	50.2	75.4
63	35.5	26.6	39.8

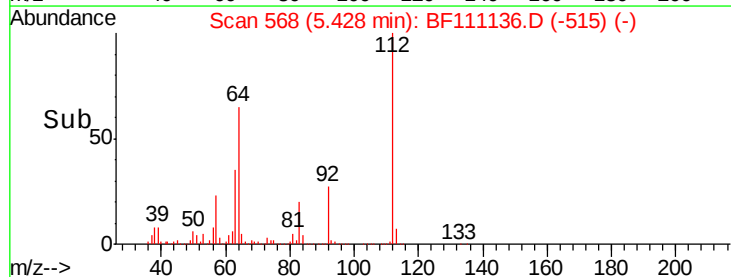
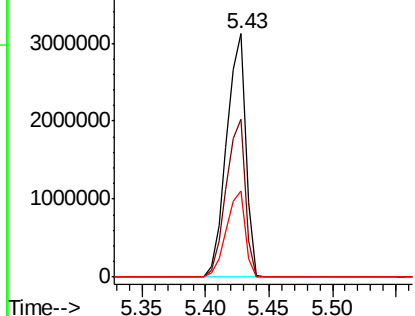


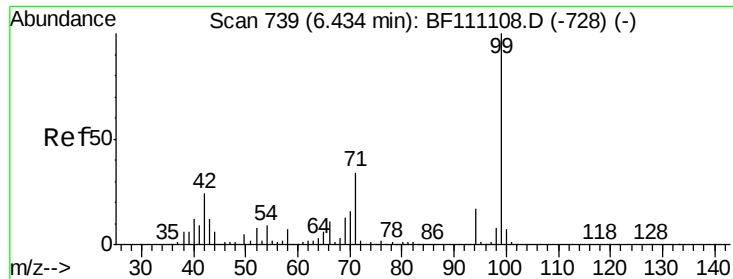
Abundance

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: 98.821 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111136.D

Acq: 6 Dec 2018 14:13

Instrument :

BNA_F

ClientSampleId :

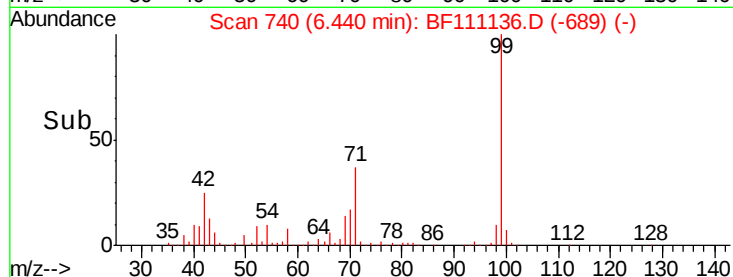
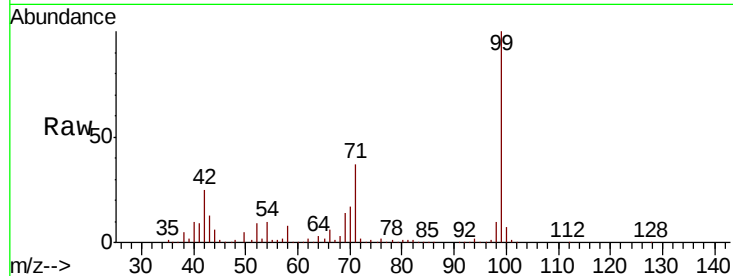
Tot Ion: 99 Resp: 4126582

Ion Ratio Lower Upper

99 100

42 24.9 19.3 28.9

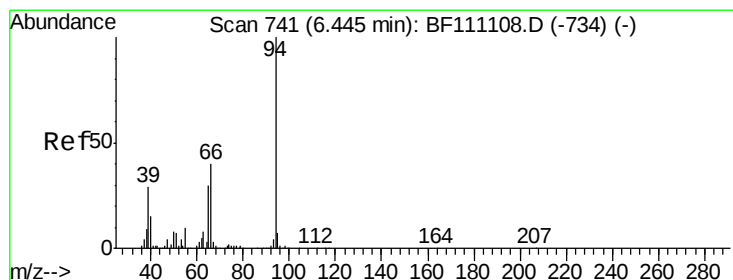
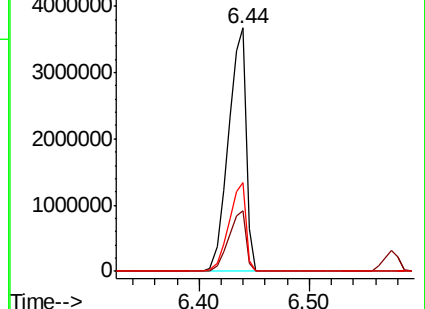
71 36.5 27.4 41.2



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: 5.988 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111136.D

Acq: 6 Dec 2018 14:13

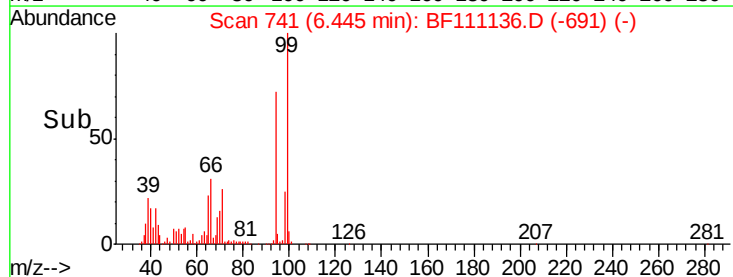
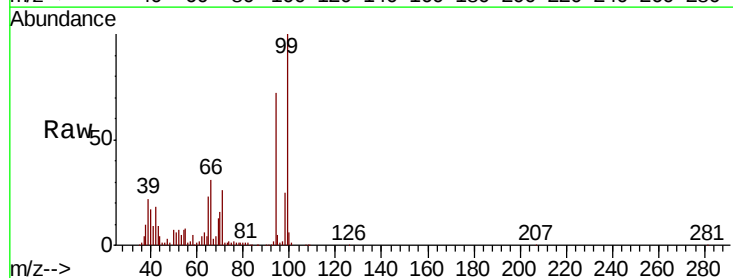
Tgt Ion: 94 Resp: 272649

Ion Ratio Lower Upper

94 100

65 32.1 10.5 50.5

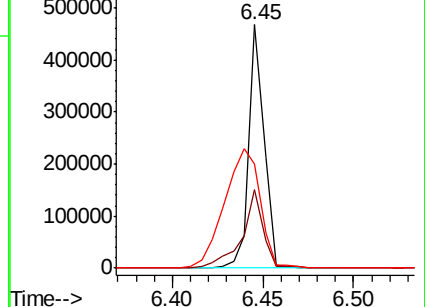
66 42.7 19.8 59.8

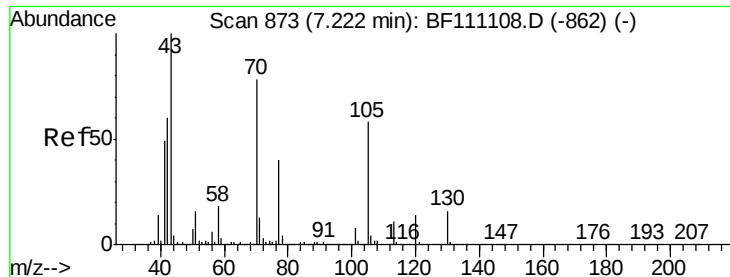


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

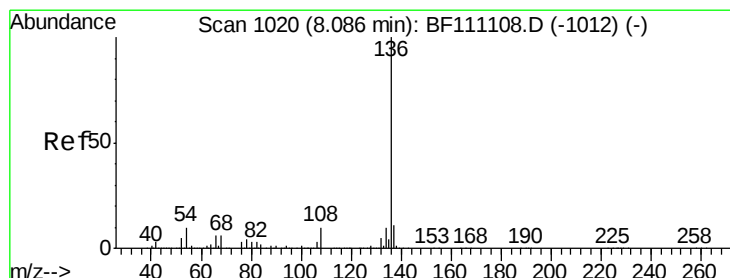
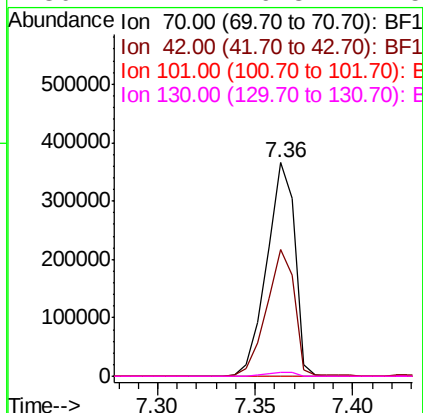
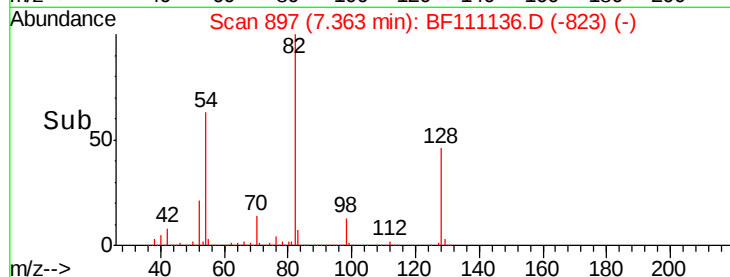
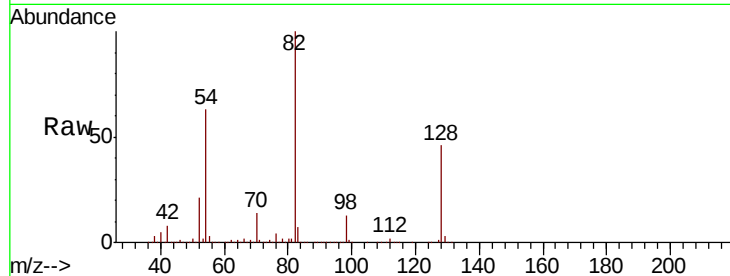




#19
n-Nitroso-di-n-propylamine
Concen: 12.957 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

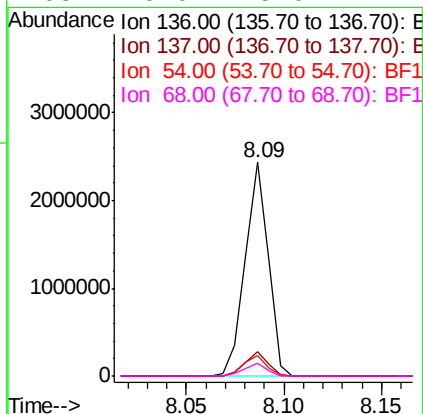
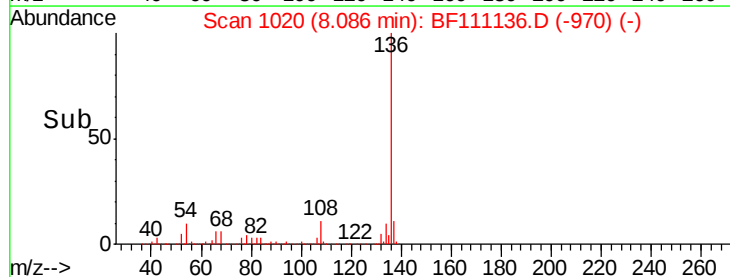
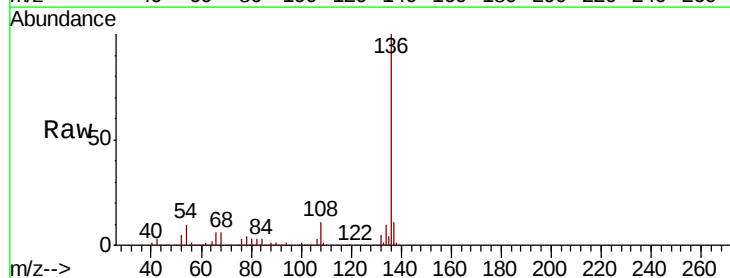
Instrument :
BNA_F
ClientSampleId :

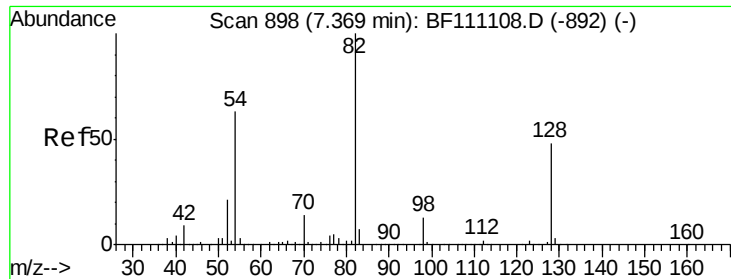
Tot Ion: 70 Resp: 363604
Ion Ratio Lower Upper
70 100
42 59.5 61.3 91.9#
101 0.0 7.7 11.5#
130 2.1 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Tgt Ion:136 Resp: 1999156
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.9 8.4 12.6
68 6.0 5.0 7.4

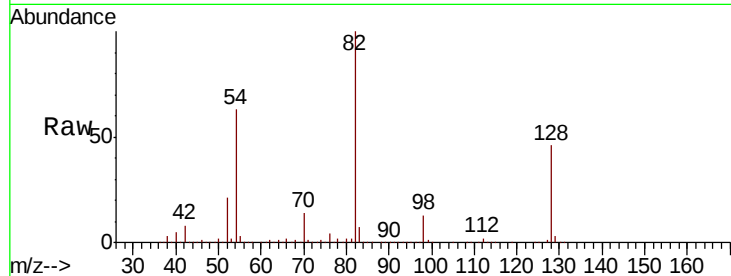




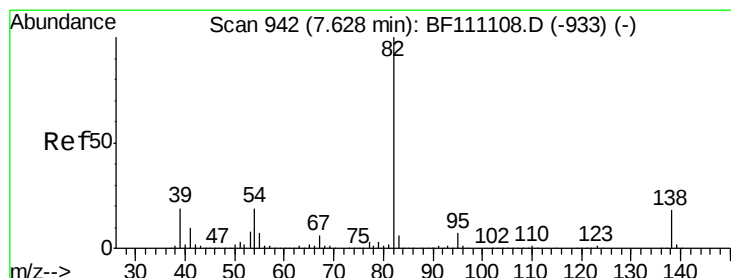
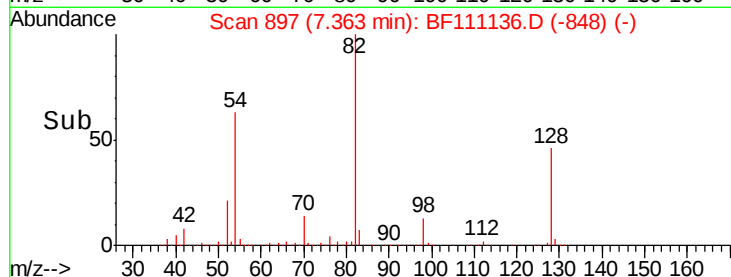
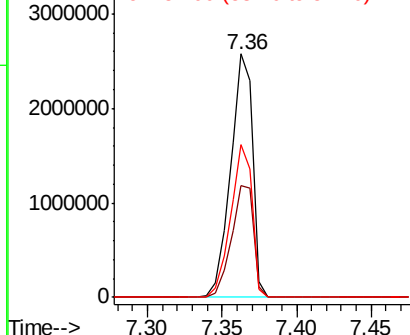
#23
Nitrobenzene-d5
Concen: 79.118 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2671619
Ion Ratio Lower Upper
82 100
128 46.0 38.1 57.1
54 62.9 50.3 75.5

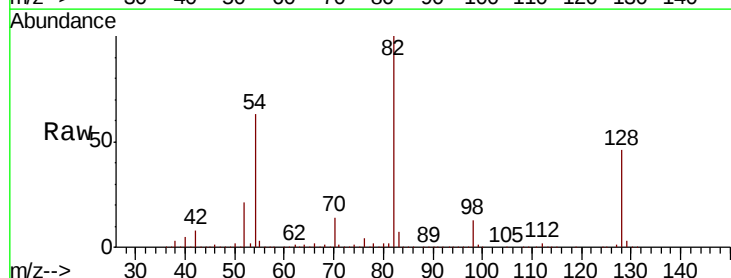


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

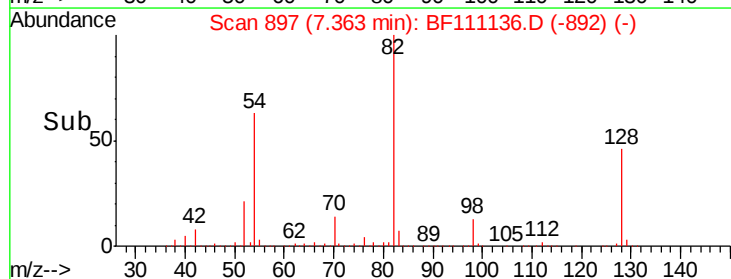
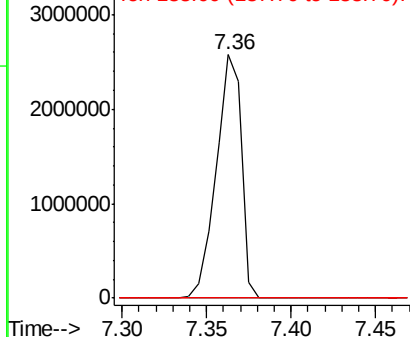


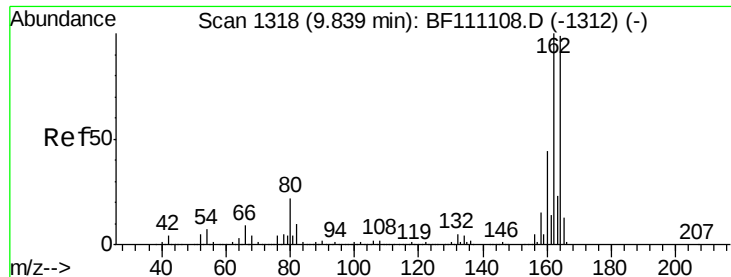
#25
Isophorone
Concen: 42.977 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Tgt Ion: 82 Resp: 2663332
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

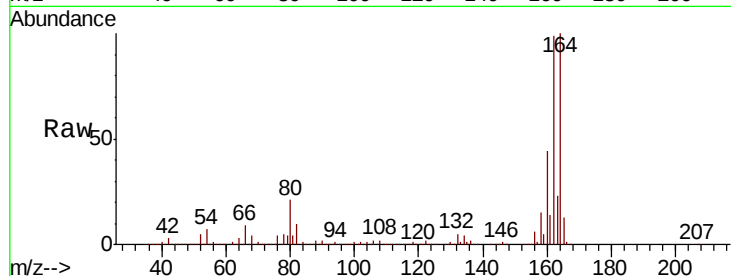




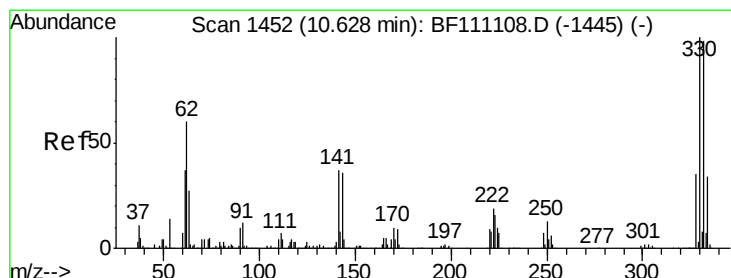
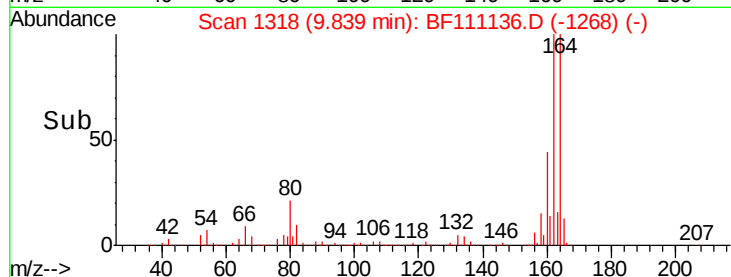
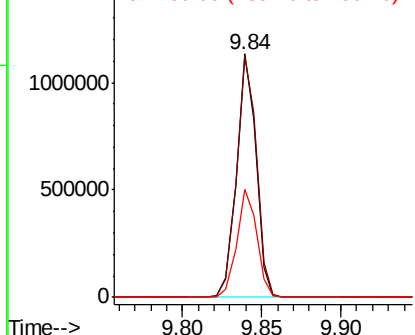
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 962104
Ion Ratio Lower Upper
164 100
162 99.1 80.6 120.8
160 44.1 35.5 53.3

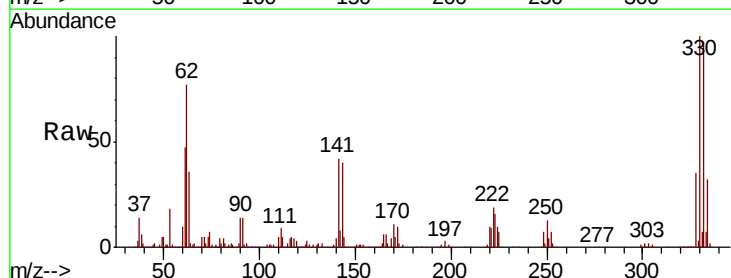


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

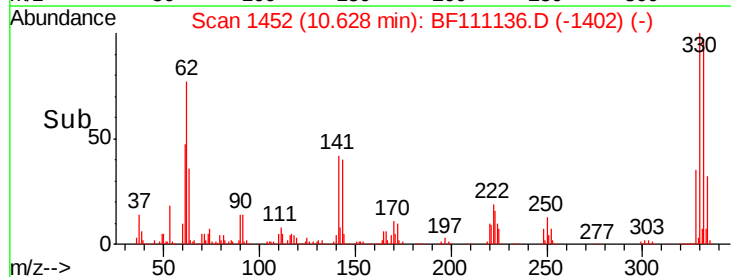
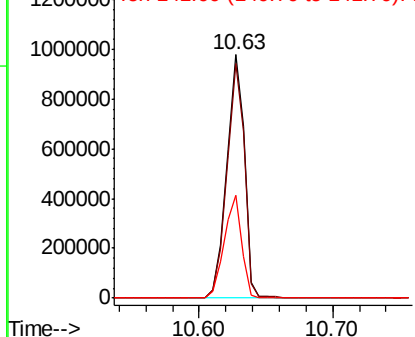


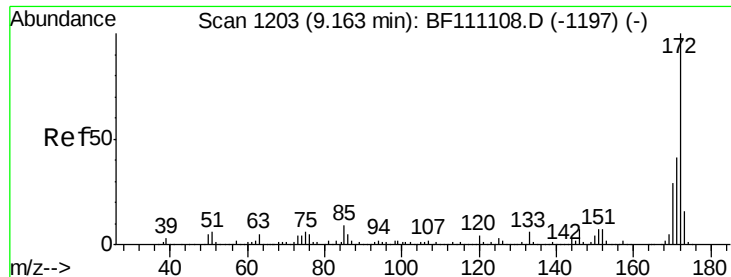
#42
2,4,6-Tribromophenol
Concen: 119.973 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Tgt Ion:330 Resp: 917509
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 42.0 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

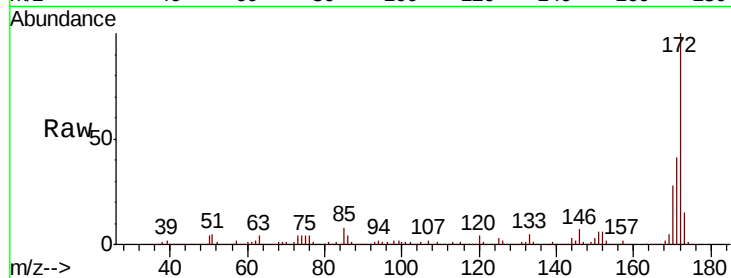




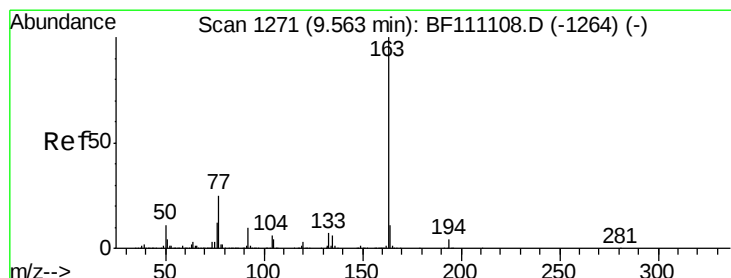
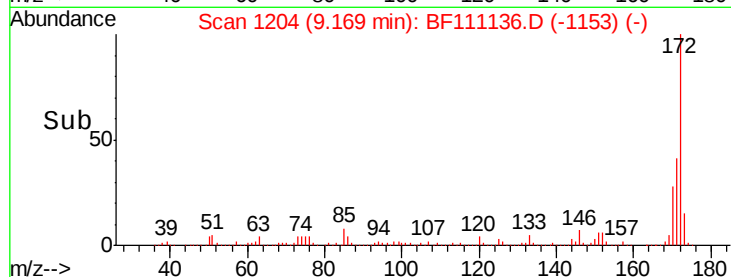
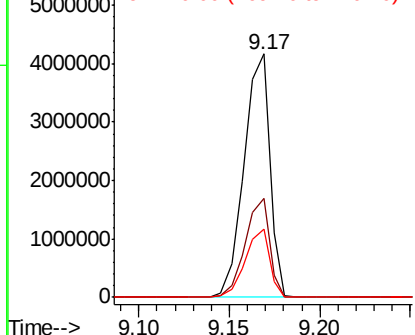
#45
2-Fluorobiphenyl
Concen: 78.173 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4123108
Ion Ratio Lower Upper
172 100
171 40.8 33.2 49.8
170 27.8 22.9 34.3

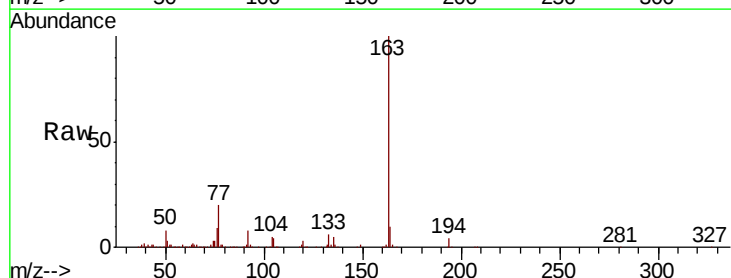


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

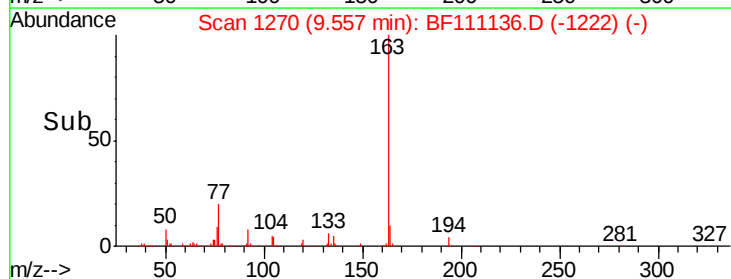
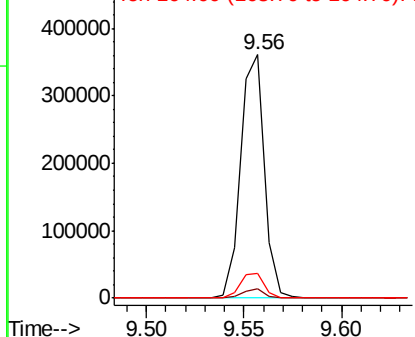


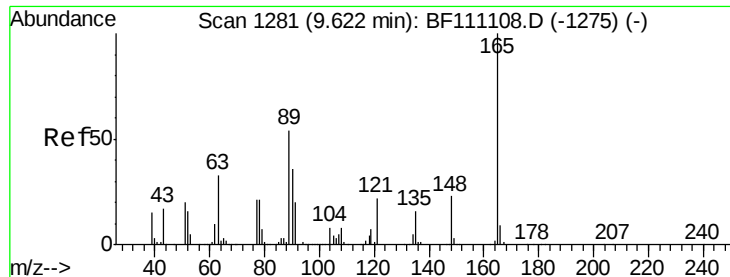
#50
Dimethylphthalate
Concen: 4.536 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Tgt Ion:163 Resp: 303746
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.1 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: 8.729 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF111136.D

Acq: 6 Dec 2018 14:13

Instrument :

BNA_F

ClientSampleId :

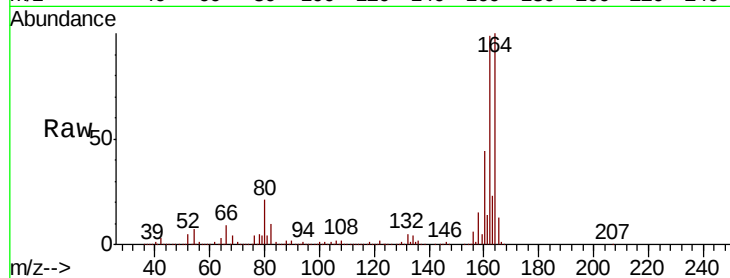
Tot Ion:165 Resp: 123919

Ion Ratio Lower Upper

165 100

63 1.3 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

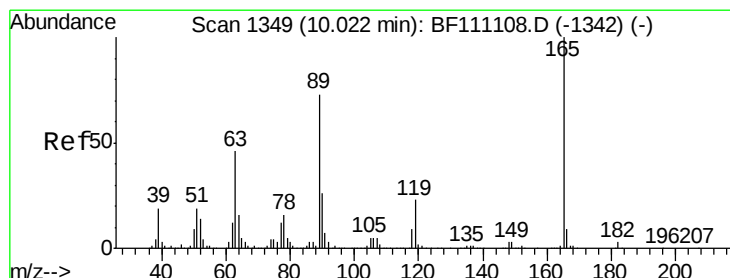
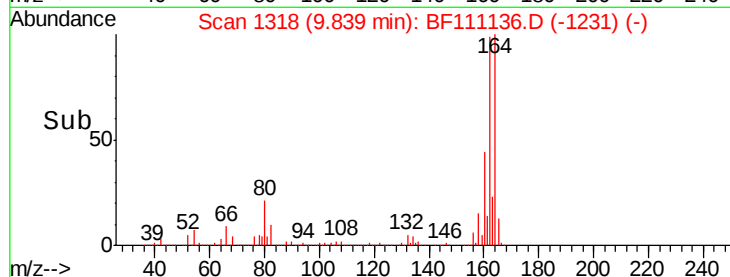
150000 9.84

100000

50000

0

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.759 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.19 min

Lab File: BF111136.D

Acq: 6 Dec 2018 14:13

Tgt Ion:165 Resp: 123919

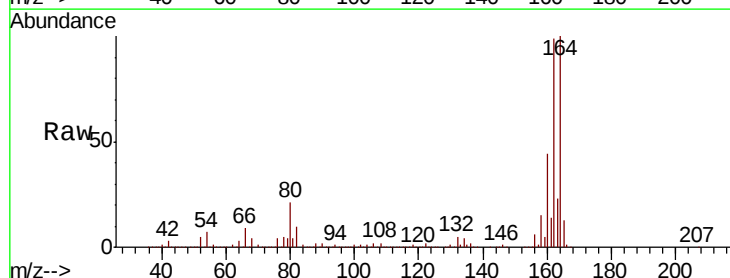
Ion Ratio Lower Upper

165 100

63 1.3 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

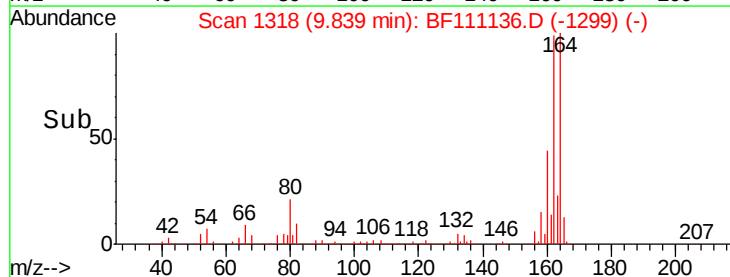
150000 9.84

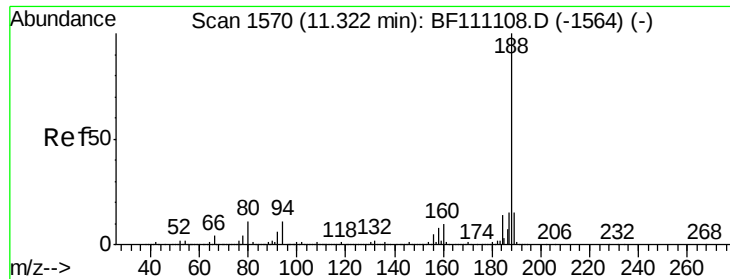
100000

50000

0

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF111136.D

Acq: 6 Dec 2018 14:13

Instrument :

BNA_F

ClientSampleId :

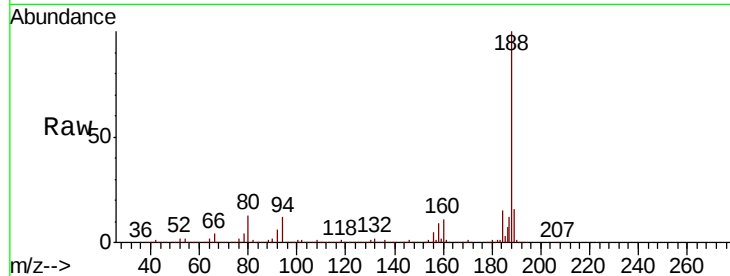
Tot Ion:188 Resp: 1701816

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

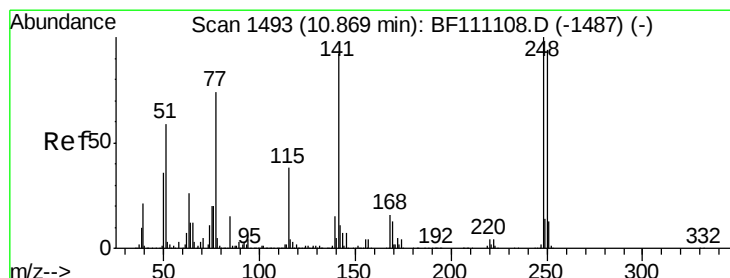
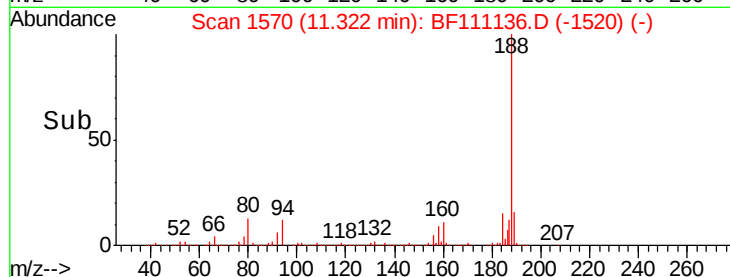
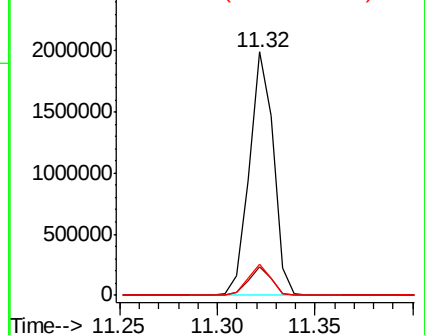
80 12.7 9.0 13.6



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: 3.447 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF111136.D

Acq: 6 Dec 2018 14:13

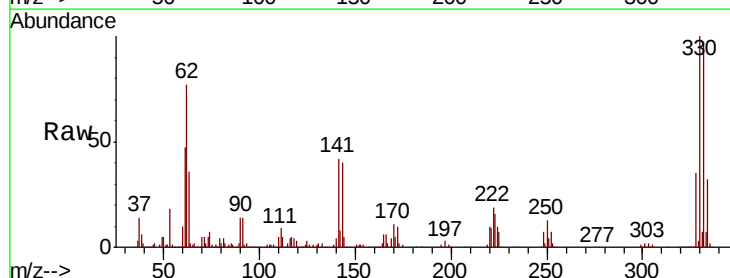
Tgt Ion:248 Resp: 62099

Ion Ratio Lower Upper

248 100

250 200.3 75.4 113.0#

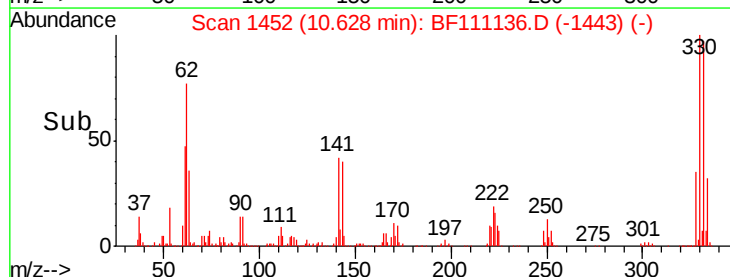
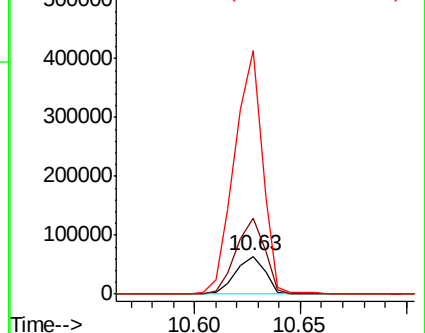
141 640.2 73.8 110.6#

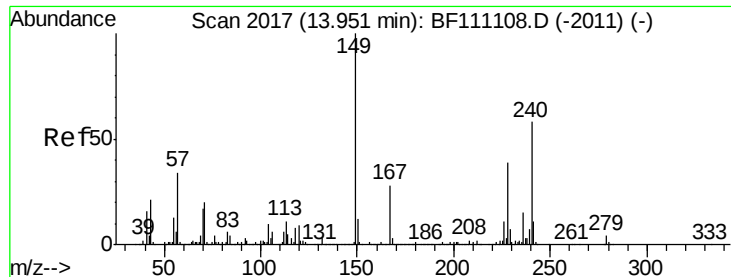


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

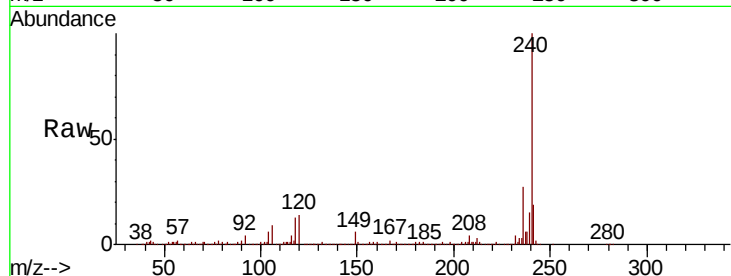




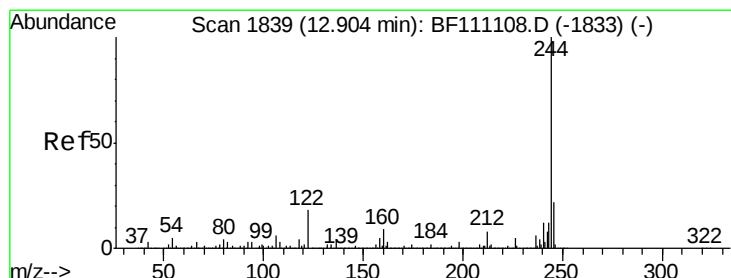
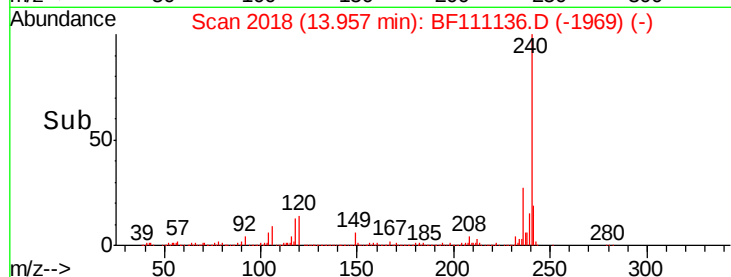
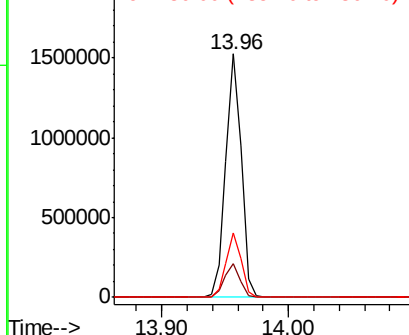
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 1300144
Ion Ratio Lower Upper
240 100
120 13.8 12.8 19.2
236 26.6 21.1 31.7

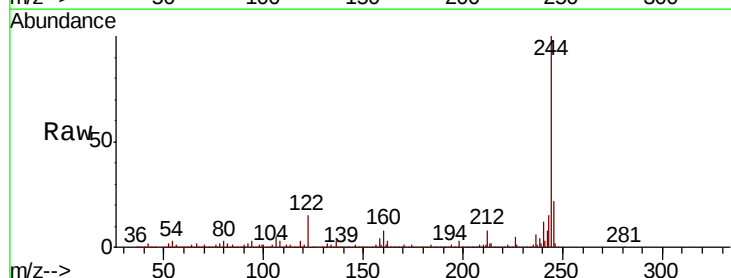


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

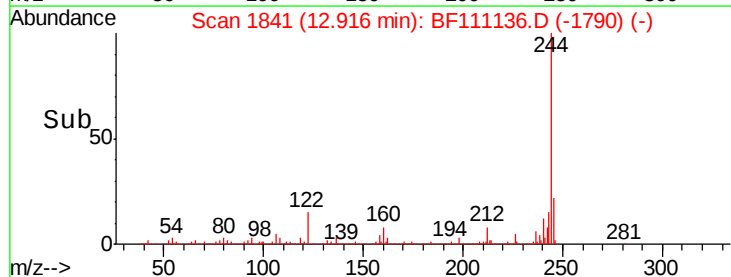
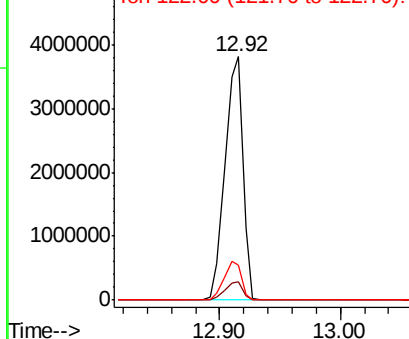


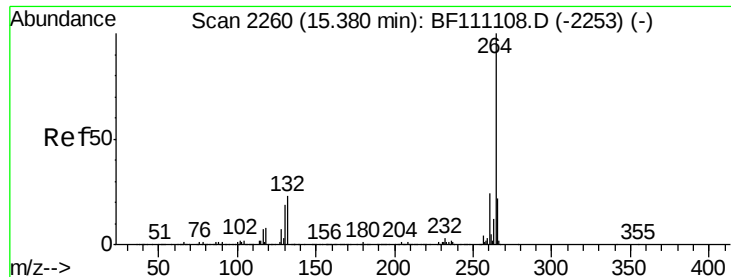
#79
Terphenyl-d14
Concen: 61.812 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF111136.D
Acq: 6 Dec 2018 14:13

Tgt Ion:244 Resp: 3924098
Ion Ratio Lower Upper
244 100
212 7.8 6.6 9.8
122 14.6 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF111136.D
 Acq: 6 Dec 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 1007787

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.0	17.4	26.0

