

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111134.D
 Acq On : 6 Dec 2018 13:18
 Operator : JU/SJ
 Sample : J6204-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 14:15:31 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

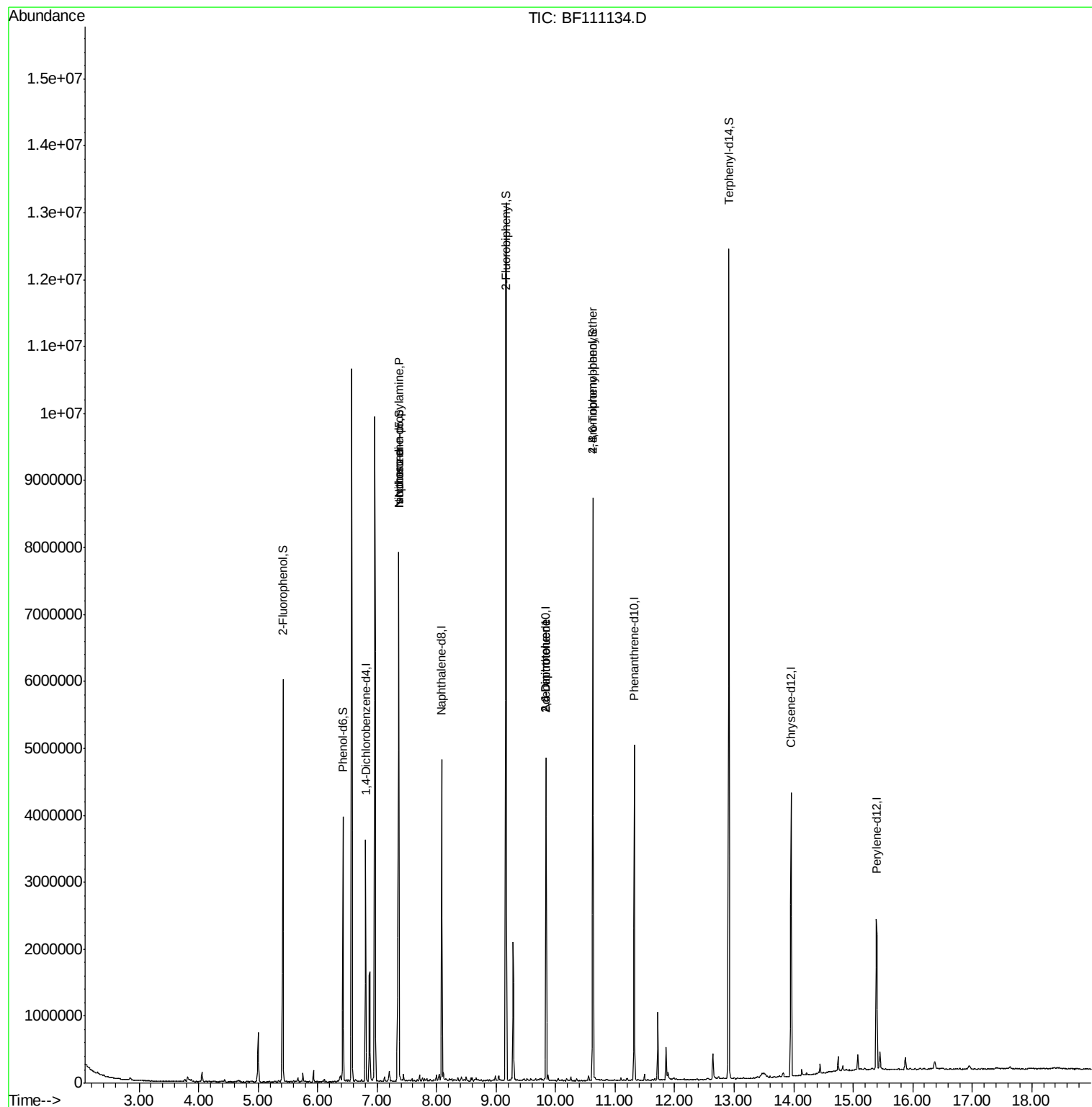
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	466257	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1865772	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	904139	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1605498	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1266801	20.00	ng	-0.01
87) Perylene-d12	15.39	264	964794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1465888	49.06	ng	0.00
7) Phenol-d6	6.43	99	1135382	29.50	ng	-0.01
23) Nitrobenzene-d5	7.36	82	2563674	81.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	861397	119.86	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3894497	78.66	ng	0.00
79) Terphenyl-d14	12.92	244	4029049	65.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	3145	Below Cal		Qvalue # 87
19) n-Nitroso-di-n-propylamine	7.36	70	354570	13.708	ng	# 75
25) Isophorone	7.36	82	2550651	44.101	ng	# 65
51) 2,6-Dinitrotoluene	9.84	165	113543	8.511	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	113543	6.590	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	61196	3.601	ng	# 1

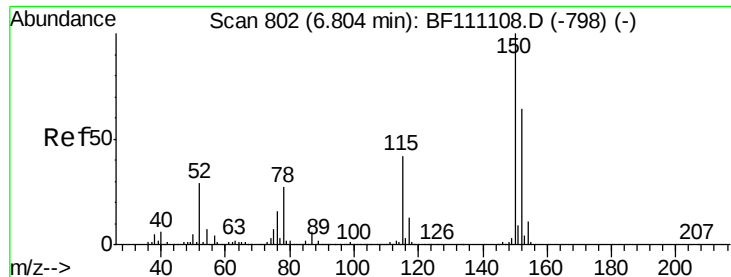
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 06 13:41:03 2018
Response via : Initial Calibration



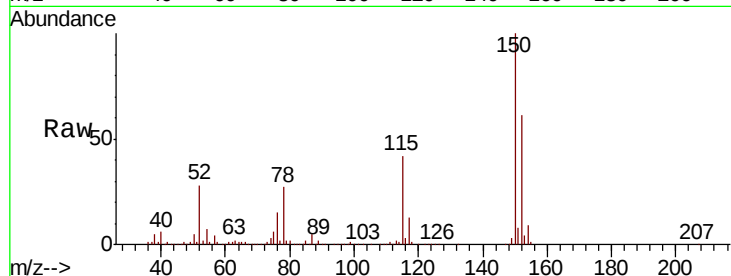


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111134.D
Acq: 6 Dec 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.6	187.0
115	68.3	52.2	78.2

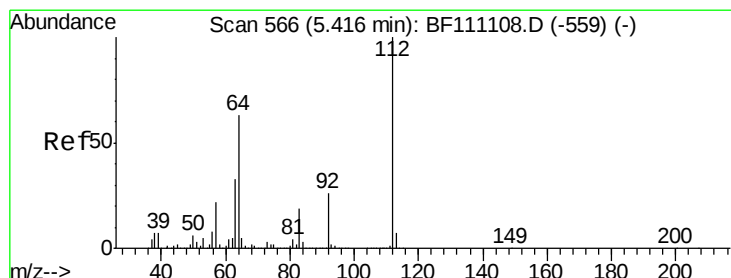
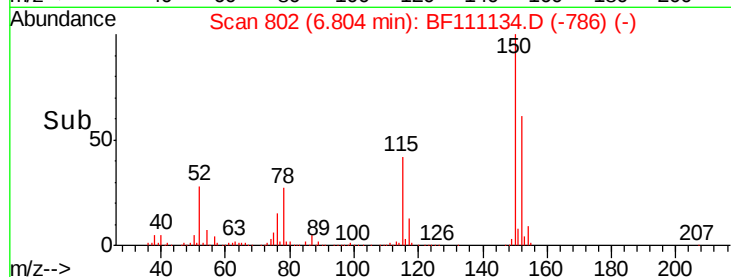
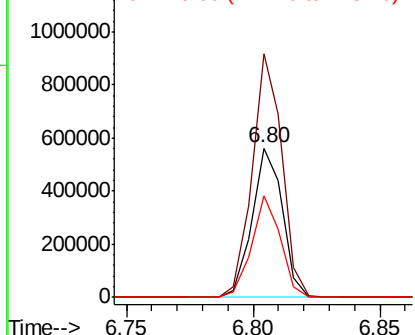


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

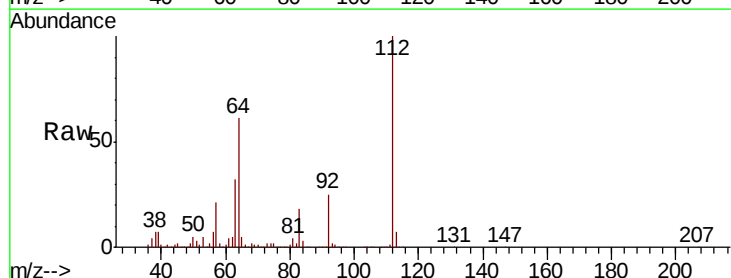
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.060 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF111134.D
Acq: 6 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.4
63	32.0	26.6	39.8

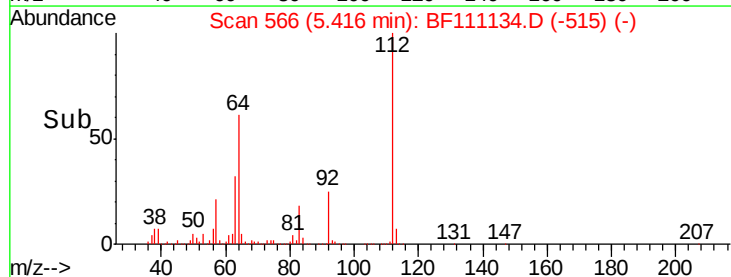
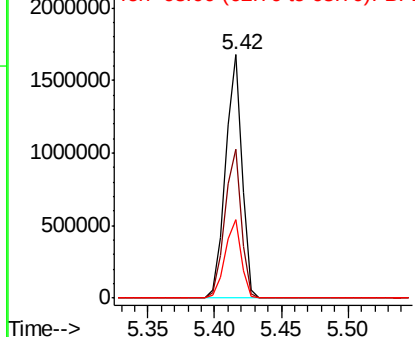


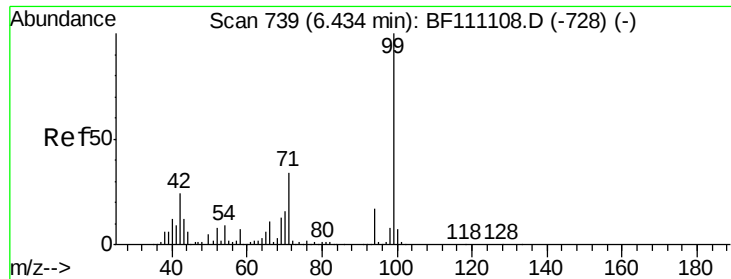
Abundance

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: 29.498 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111134.D

Acq: 6 Dec 2018 13:18

Instrument :

BNA_F

ClientSampleId :

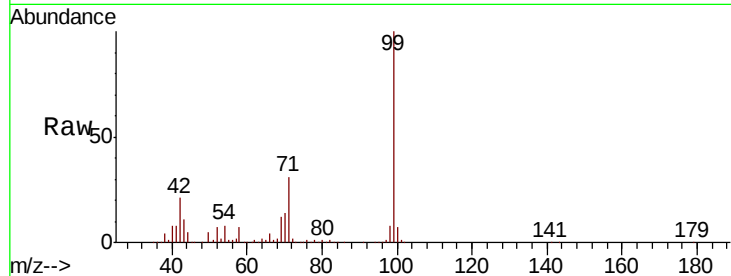
Tot Ion: 99 Resp: 1135382

Ion Ratio Lower Upper

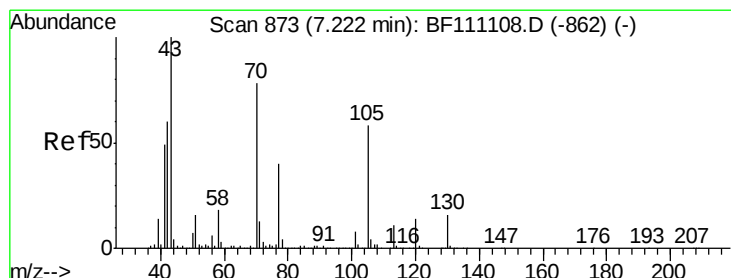
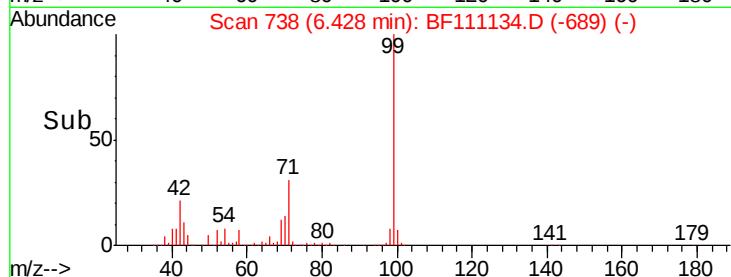
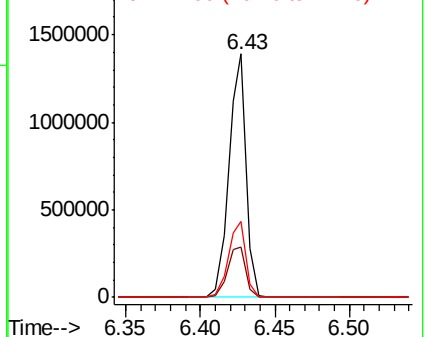
99 100

42 20.9 19.3 28.9

71 31.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.708 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF111134.D

Acq: 6 Dec 2018 13:18

Tgt Ion: 70 Resp: 354570

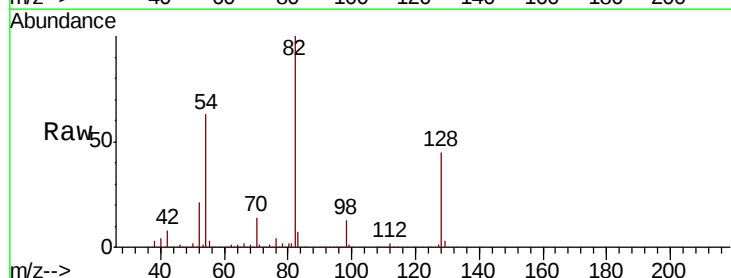
Ion Ratio Lower Upper

70 100

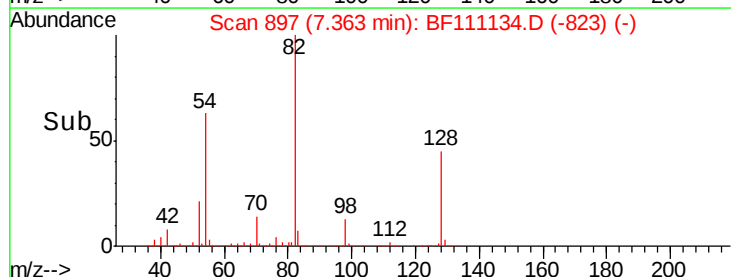
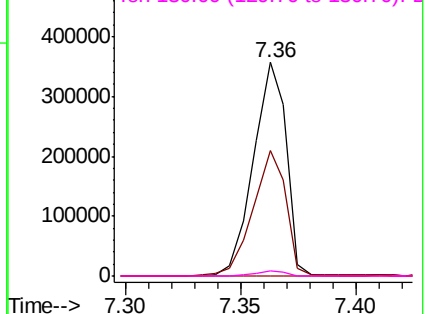
42 59.0 61.3 91.9#

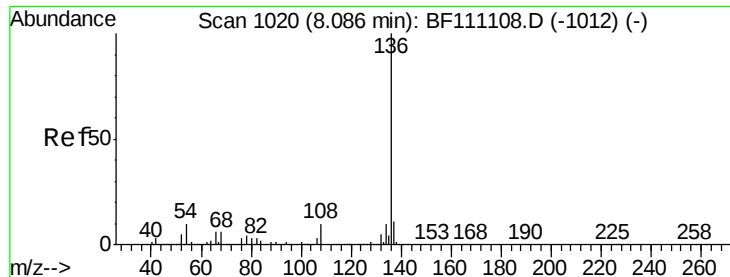
101 0.0 7.7 11.5#

130 2.2 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

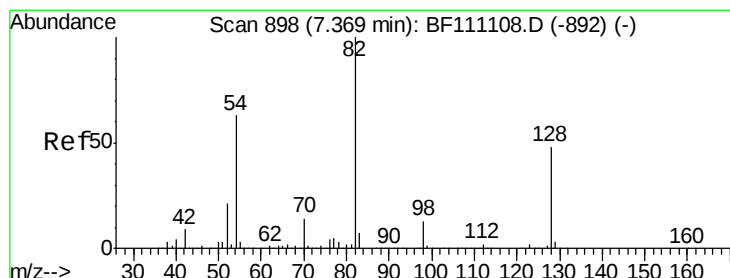
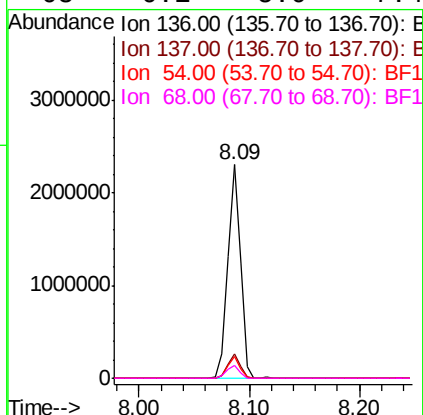
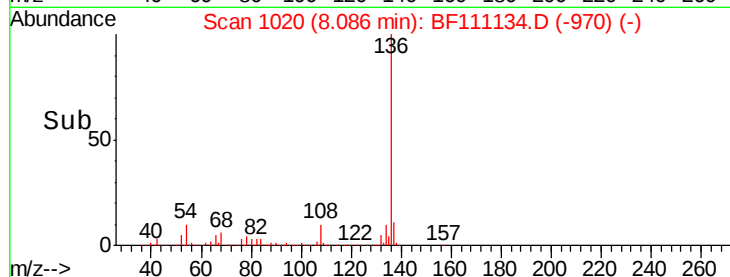
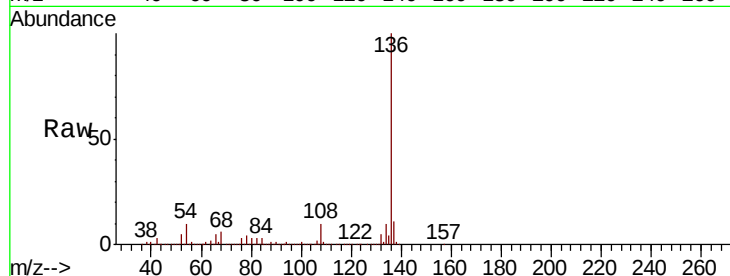




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111134.D
Acq: 6 Dec 2018 13:18

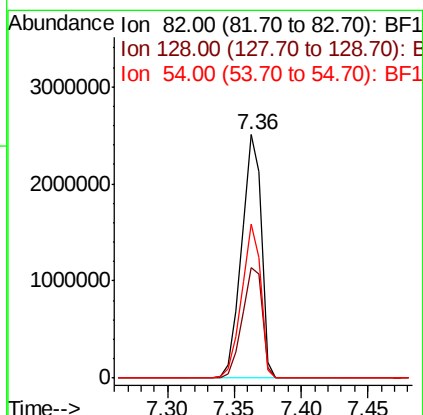
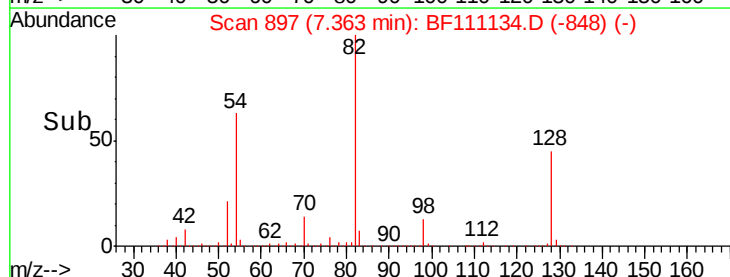
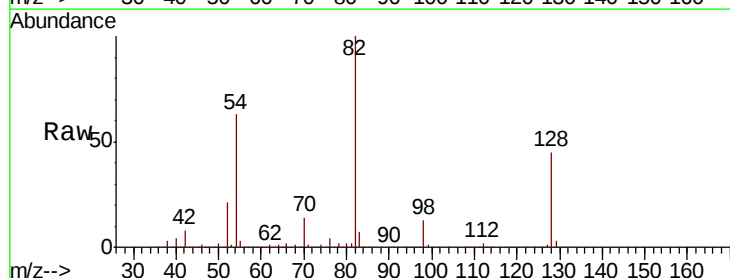
Instrument :
BNA_F
ClientSampleId :

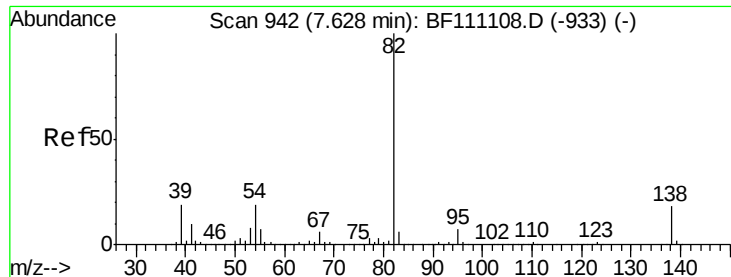
Tot Ion:136	Resp: 1865772
Ion Ratio	Lower Upper
136 100	
137 11.5	9.0 13.6
54 9.9	8.4 12.6
68 6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 81.349 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111134.D
Acq: 6 Dec 2018 13:18

Tgt Ion: 82	Ratio	Resp: 2563674	
82	100	Lower	Upper
128	45.2	38.1	57.1
54	63.4	50.3	75.5

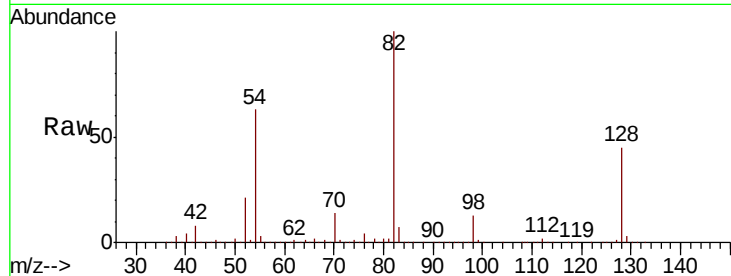




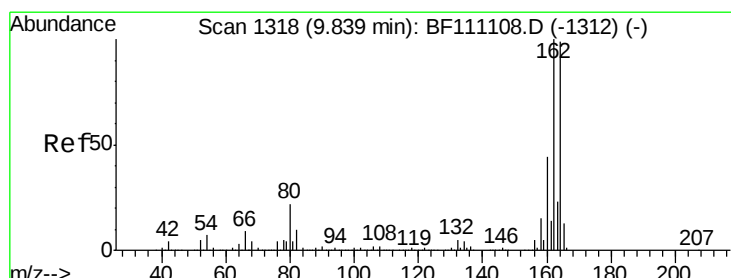
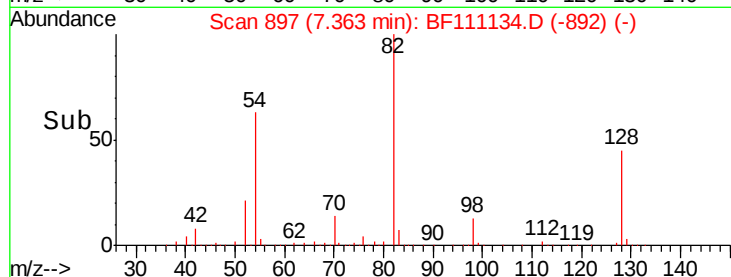
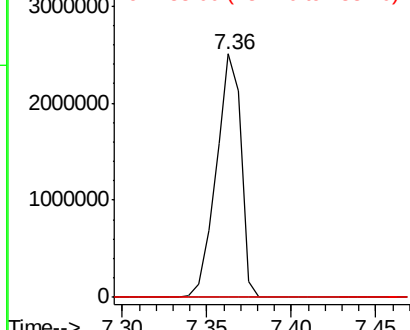
#25
Isophorone
Concen: 44.101 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF111134.D
Acq: 6 Dec 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2550651
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

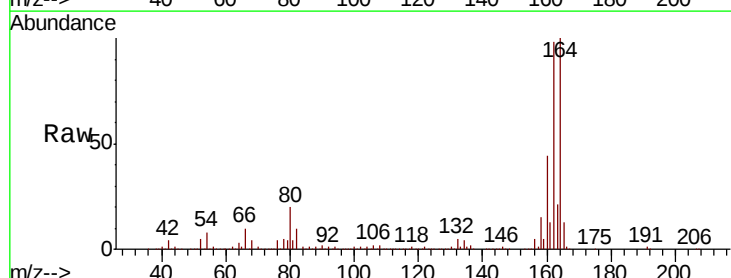


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

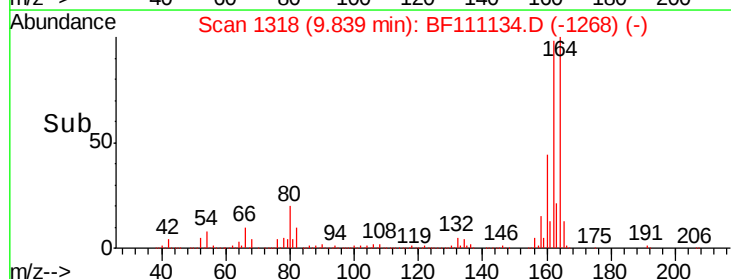
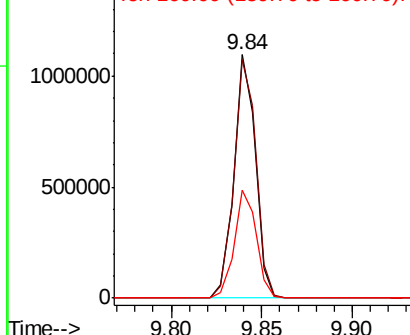


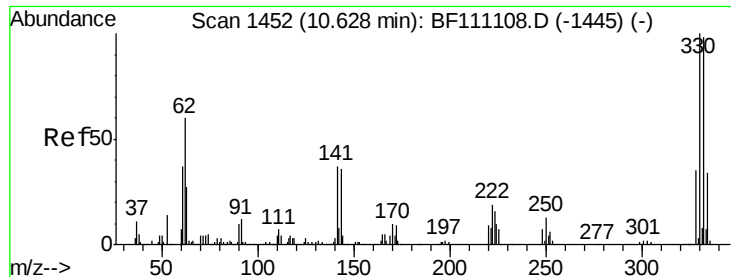
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF111134.D
Acq: 6 Dec 2018 13:18

Tgt Ion:164 Resp: 904139
Ion Ratio Lower Upper
164 100
162 97.9 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

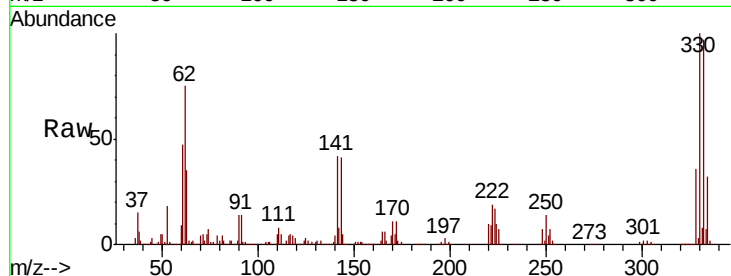




#42
 2,4,6-Tribromophenol
 Concen: 119.857 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF111134.D
 Acq: 6 Dec 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	41.7	36.1	54.1

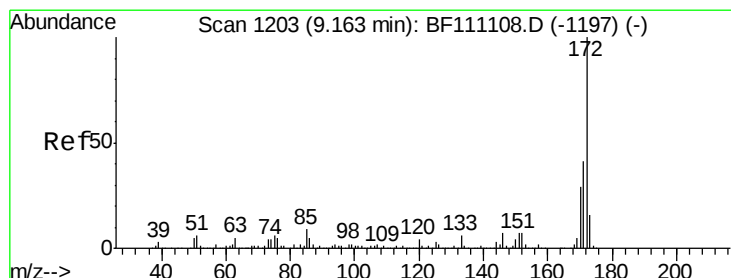
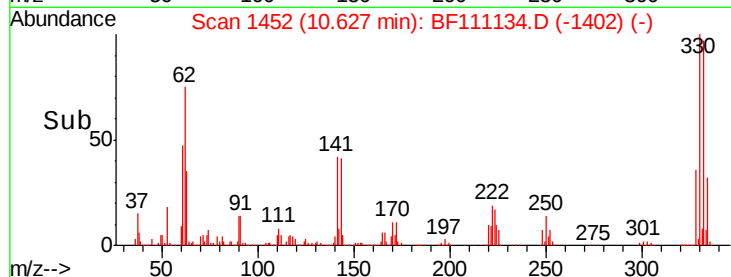
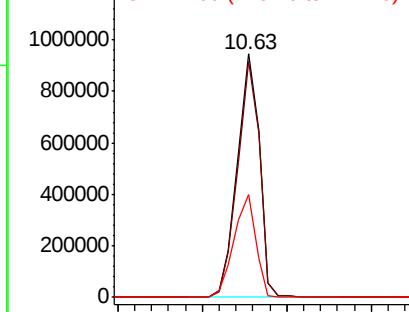


Abundance

Ion 329.80 (329.50 to 330.50): E

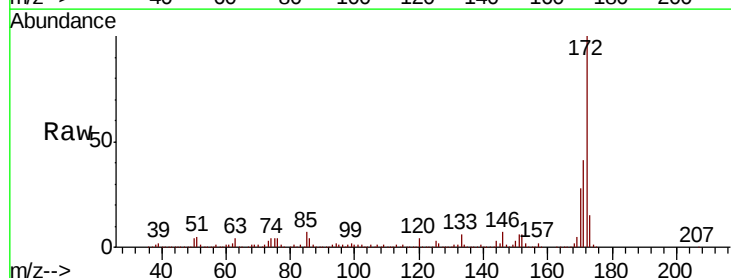
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.661 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111134.D
 Acq: 6 Dec 2018 13:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	33.2	49.8
170	27.7	22.9	34.3

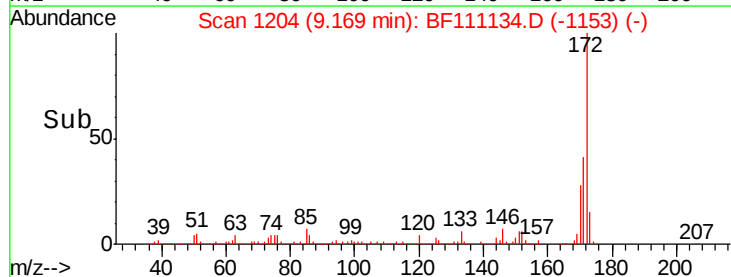
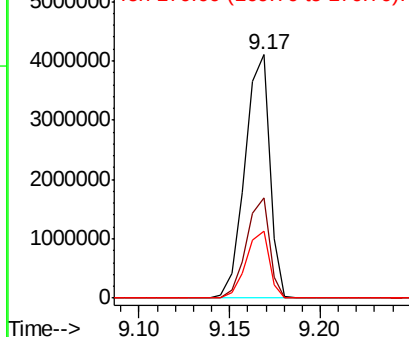


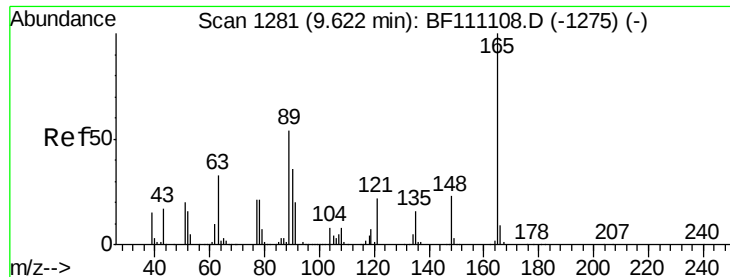
Abundance

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: 8.511 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF111134.D

Acq: 6 Dec 2018 13:18

Instrument :

BNA_F

ClientSampleId :

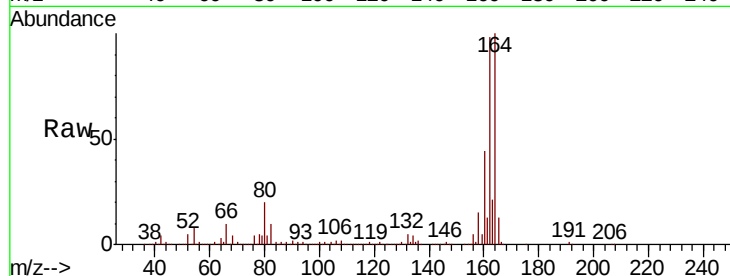
Tot Ion:165 Resp: 113543

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

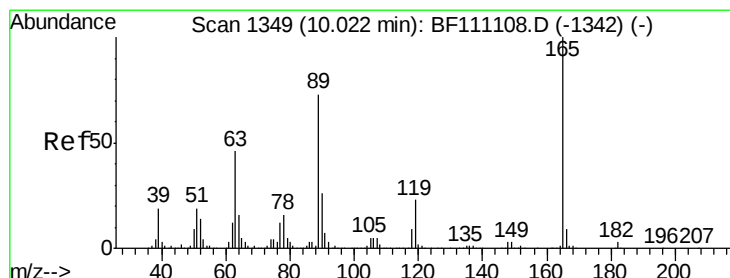
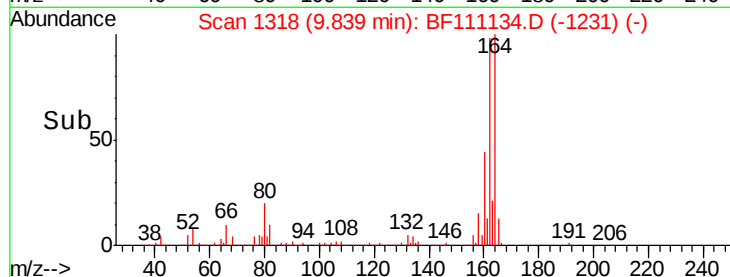
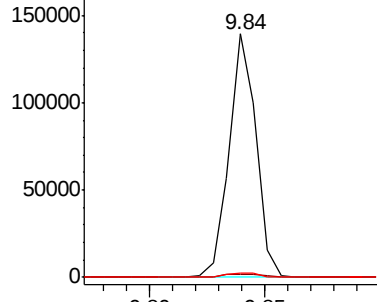
89 1.5 43.0 64.4#



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: 6.590 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.19 min

Lab File: BF111134.D

Acq: 6 Dec 2018 13:18

Tgt Ion:165 Resp: 113543

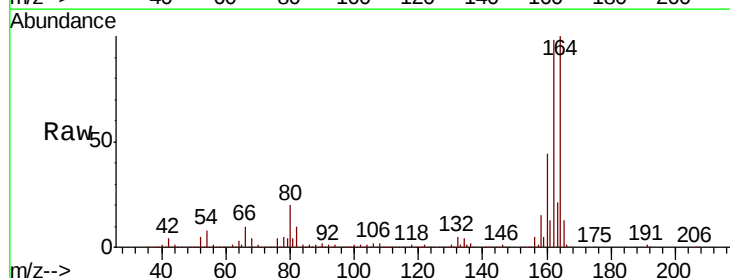
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.5 58.4 87.6#

182 0.0 2.1 3.1#

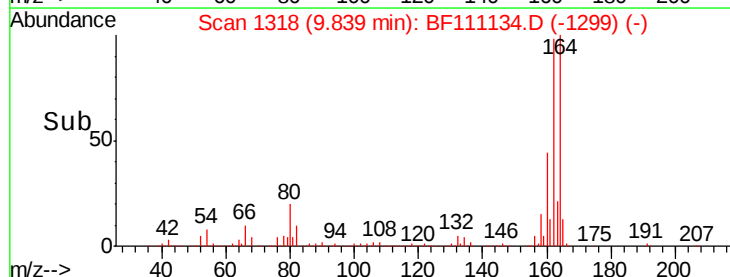
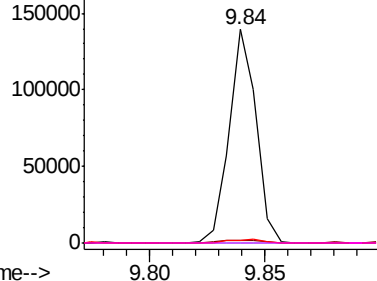


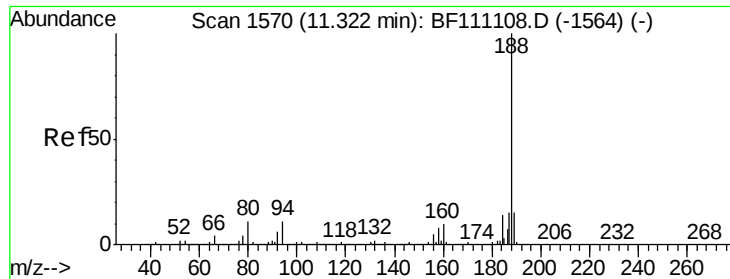
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BF111134.D

Acq: 6 Dec 2018 13:18

Instrument :

BNA_F

ClientSampled :

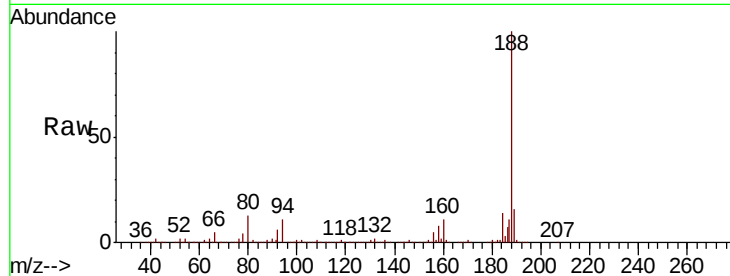
Tot Ion:188 Resp: 1605498

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

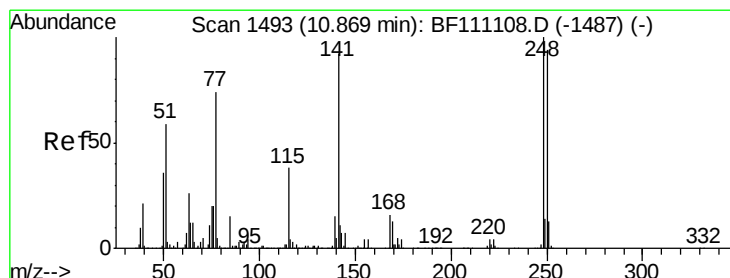
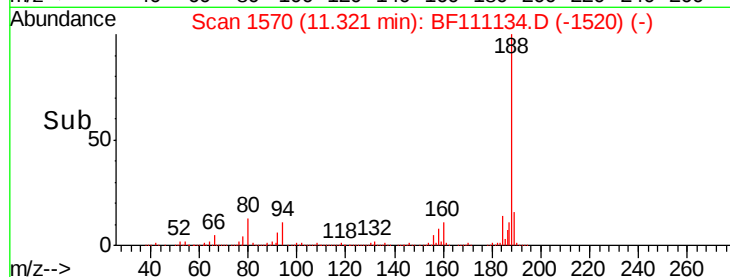
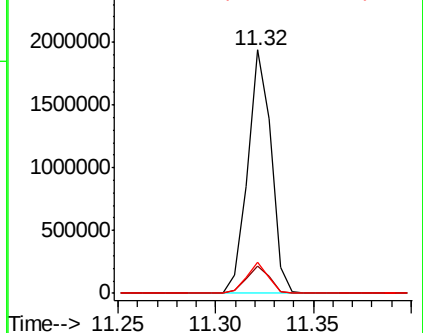
80 12.6 9.0 13.6



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: 3.601 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF111134.D

Acq: 6 Dec 2018 13:18

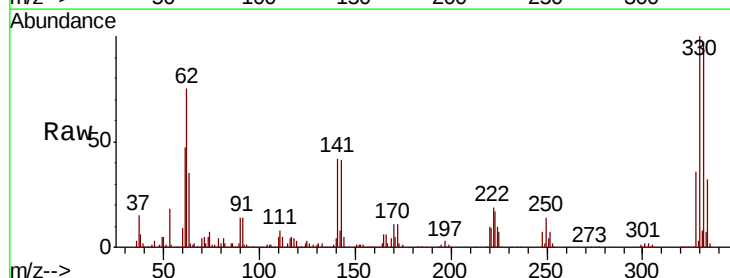
Tgt Ion:248 Resp: 61196

Ion Ratio Lower Upper

248 100

250 196.5 75.4 113.0#

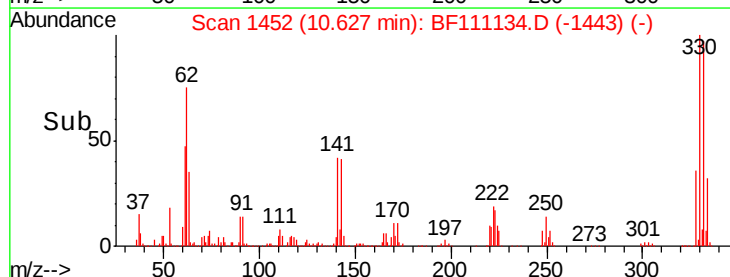
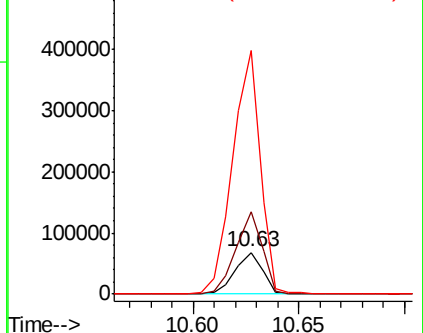
141 580.4 73.8 110.6#

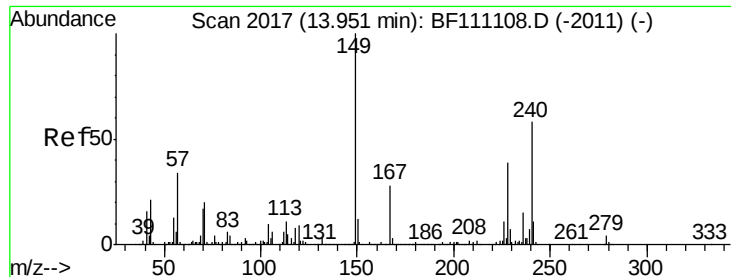


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

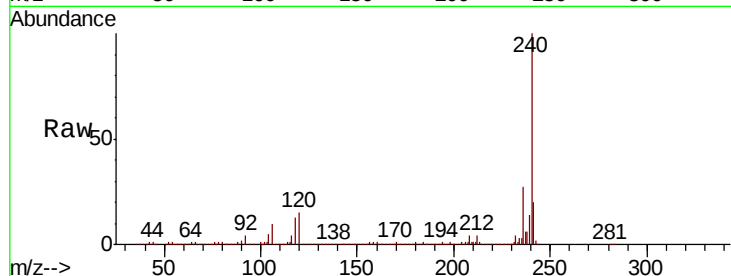




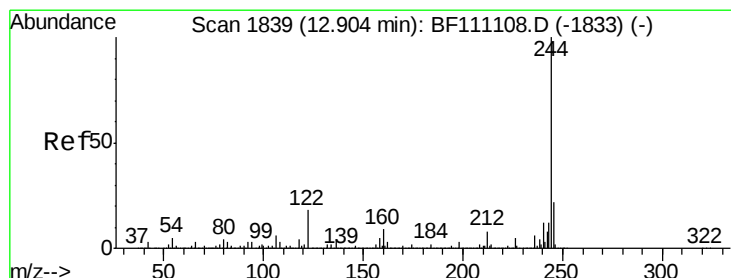
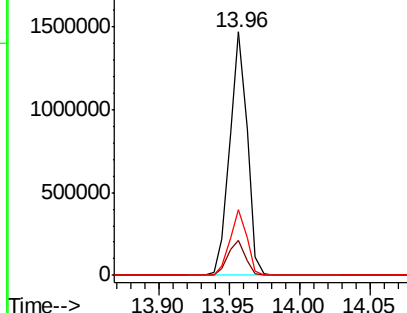
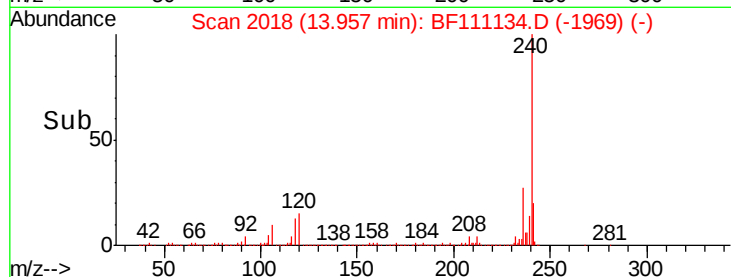
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF111134.D
 Acq: 6 Dec 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 1266801
 Ion Ratio Lower Upper
 240 100
 120 14.6 12.8 19.2
 236 26.7 21.1 31.7

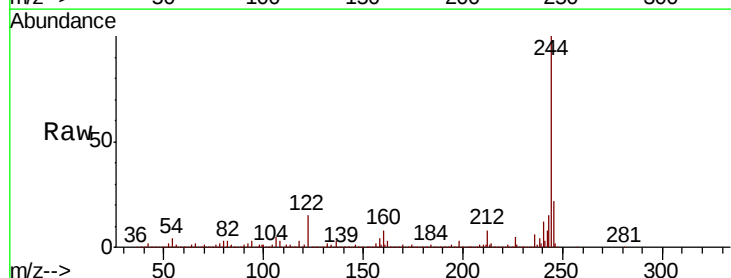


Abundance Ion 240.00 (239.70 to 240.70): E
 2000000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

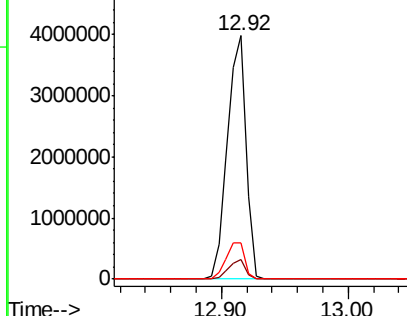
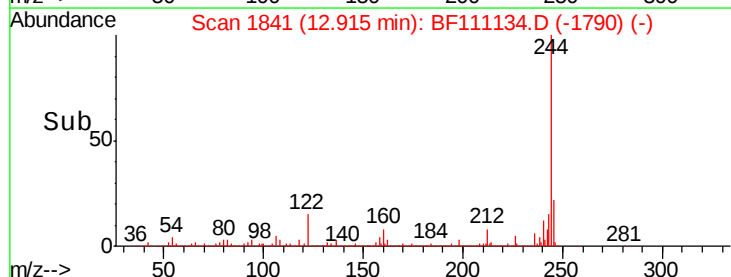


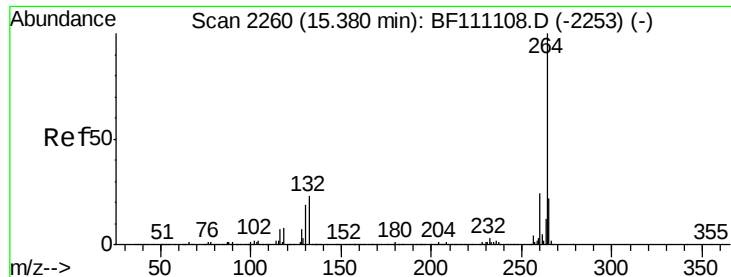
#79
 Terphenyl-d14
 Concen: 65.136 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF111134.D
 Acq: 6 Dec 2018 13:18

Tgt Ion:244 Resp: 4029049
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 15.0 14.2 21.2



Abundance Ion 244.00 (243.70 to 244.70): E
 5000000
 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: BF111134.D
 Acq: 6 Dec 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	20.6	17.4	26.0

