

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111137.D
 Acq On : 6 Dec 2018 14:41
 Operator : JU/SJ
 Sample : J6204-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 15:47:52 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	493670	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1943242	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	939440	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1696047	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1265497	20.00	ng	-0.01
87) Perylene-d12	15.39	264	962325	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	3894209	123.09	ng	0.01
7) Phenol-d6	6.44	99	4884236	119.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	3166272	96.46	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1100660	147.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4820223	97.01	ng	0.00
79) Terphenyl-d14	12.92	244	4725254	76.47	ng	0.00

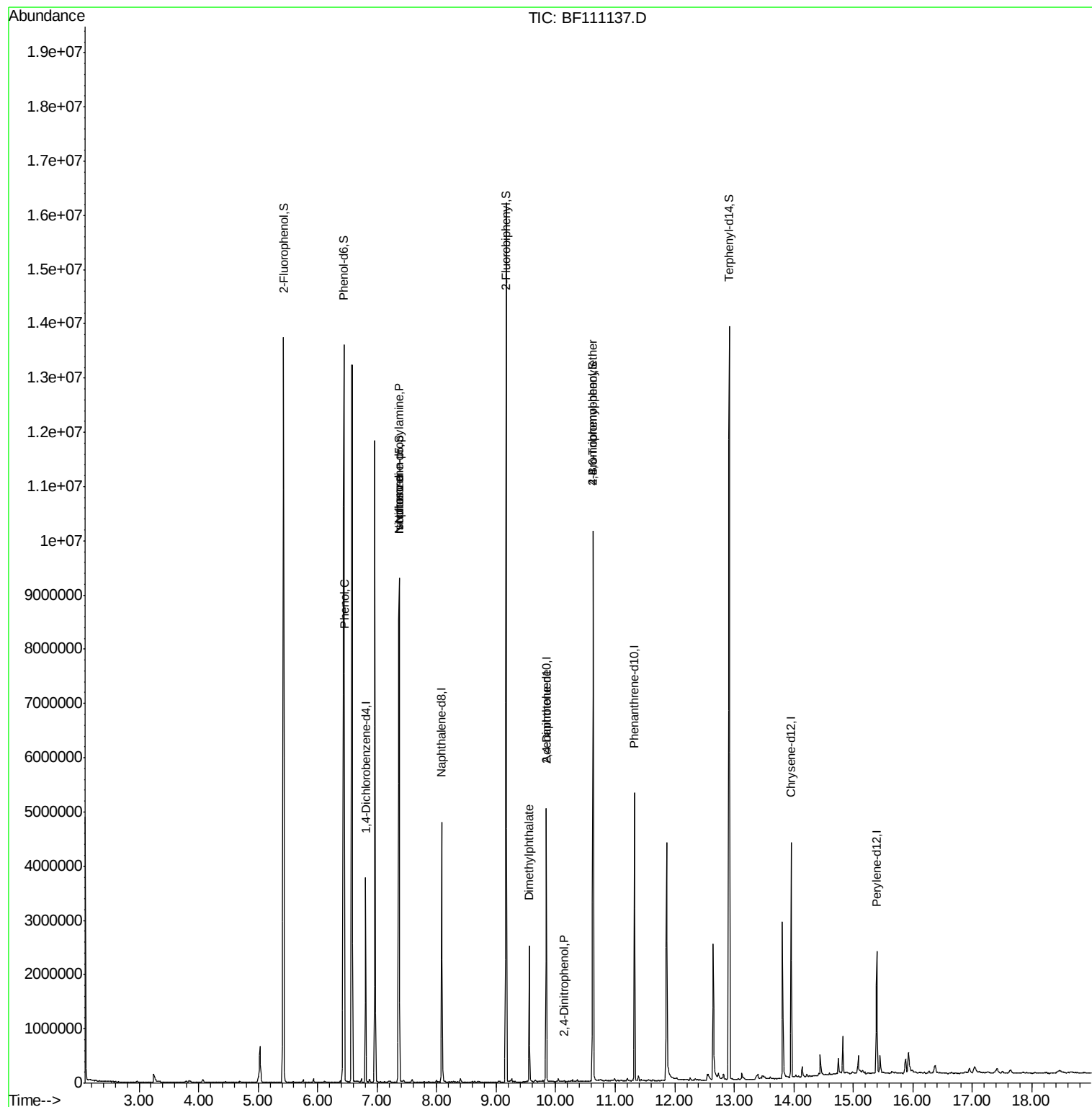
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	9934	Below Cal		# 2
10) Phenol	6.45	94	333322	7.501	ng	# 89
19) n-Nitroso-di-n-propylamine	7.37	70	440932	16.100	ng	# 74
25) Isophorone	7.37	82	3154051	52.360	ng	# 65
50) Dimethylphthalate	9.56	163	887818	13.579	ng	# 98
54) 2,4-Dinitrophenol	10.13	184	110	6.627	ng	# 1
57) 2,4-Dinitrotoluene	9.84	165	119578	6.679	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	73121	4.073	ng	# 1

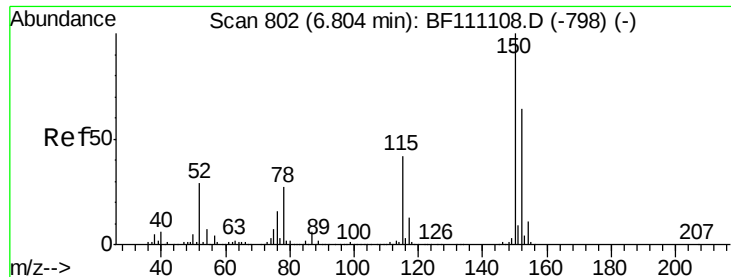
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Time: Dec 06 15:47:52 2018
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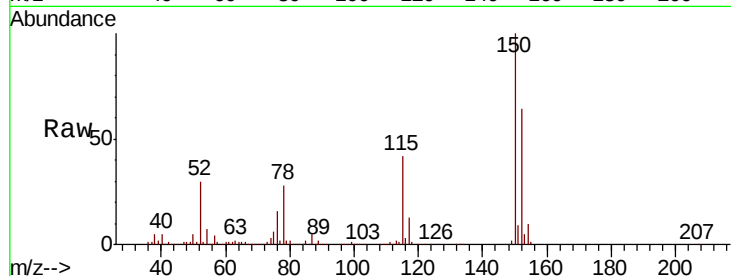


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	187.0
115	66.0	52.2	78.2

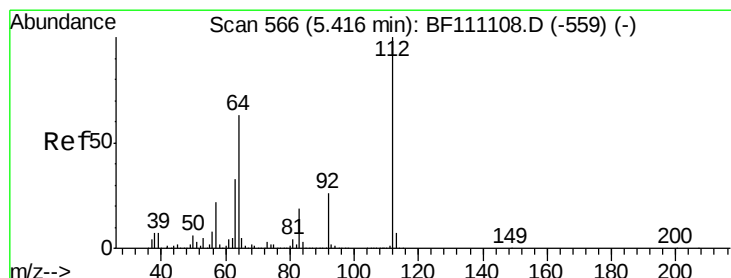
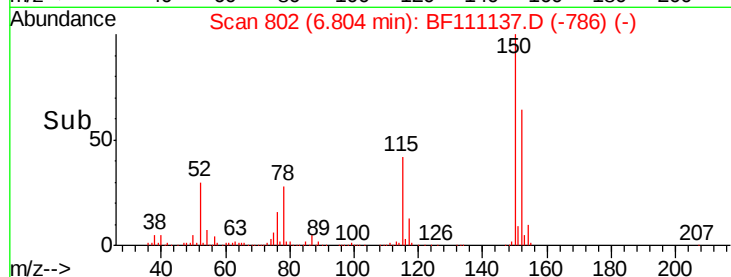
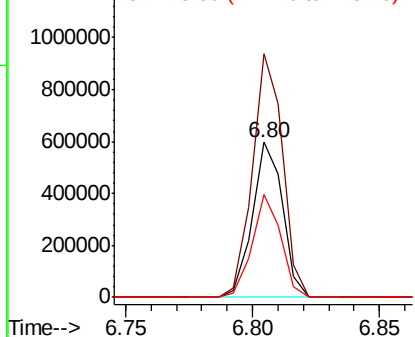


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

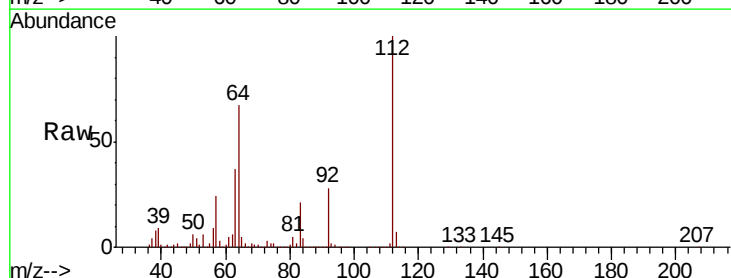
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.093 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	50.2	75.4
63	36.6	26.6	39.8

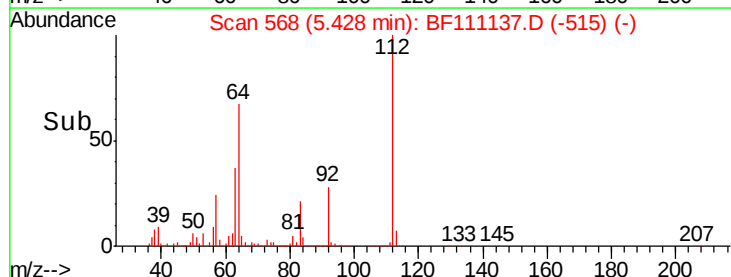
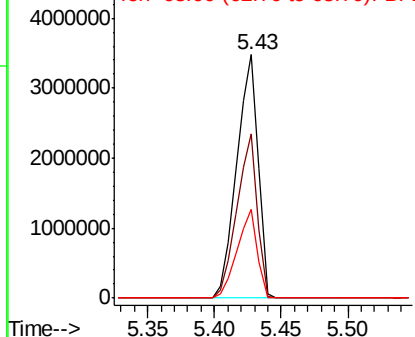


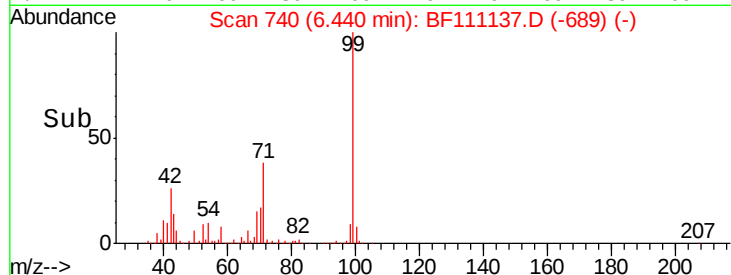
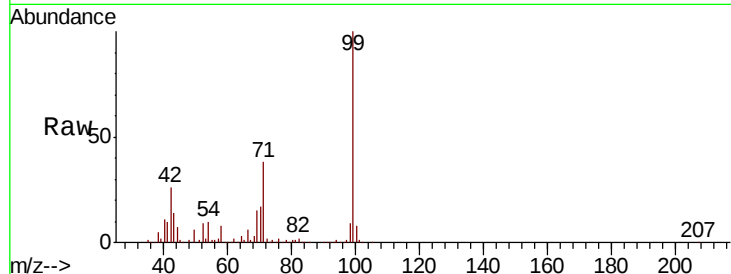
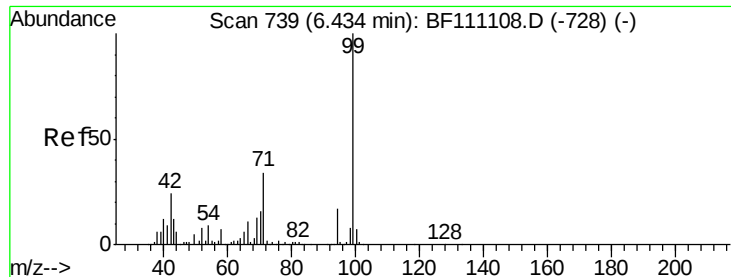
Abundance

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: 119.850 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

Instrument :

BNA_F

ClientSampled :

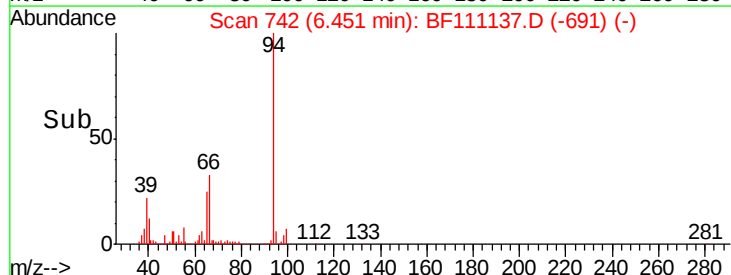
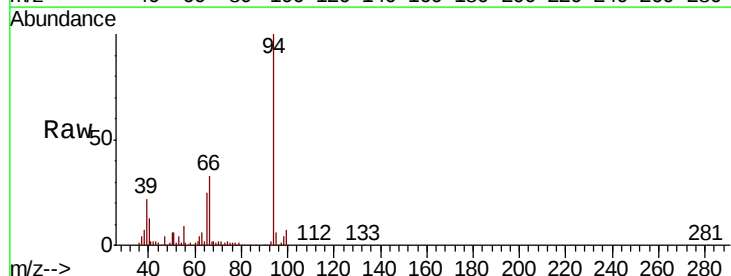
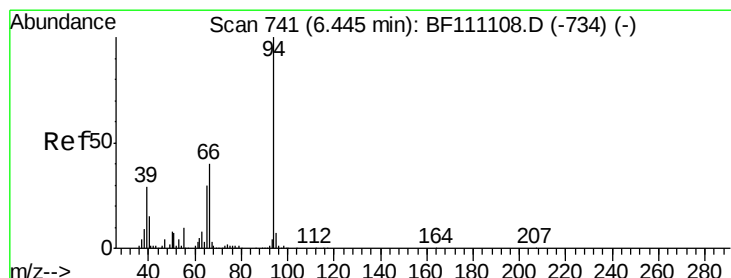
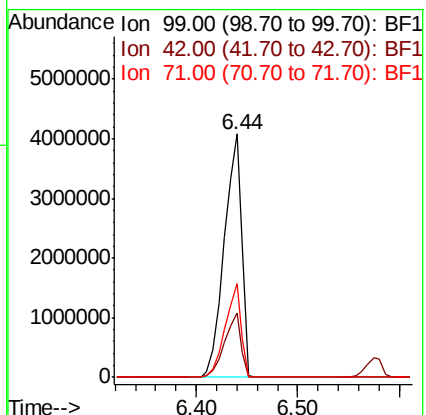
Tot Ion: 99 Resp: 4884236

Ion Ratio Lower Upper

99 100

42 26.4 19.3 28.9

71 38.5 27.4 41.2



#10

Phenol

Concen: 7.501 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

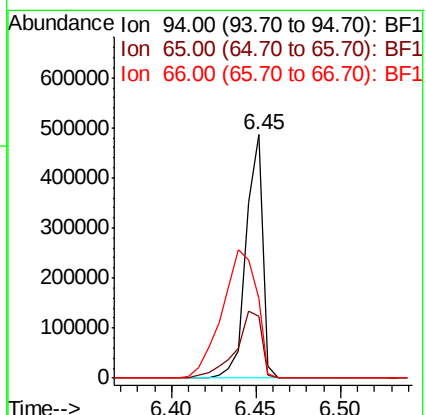
Tgt Ion: 94 Resp: 333322

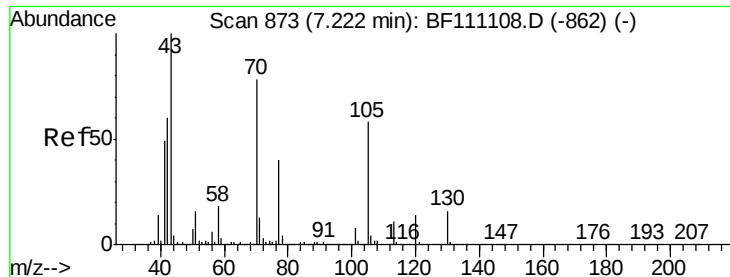
Ion Ratio Lower Upper

94 100

65 25.4 10.5 50.5

66 32.7 19.8 59.8

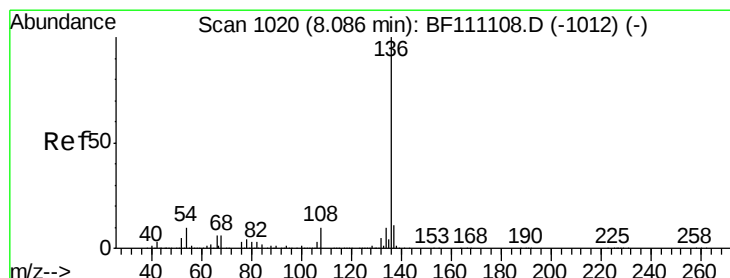
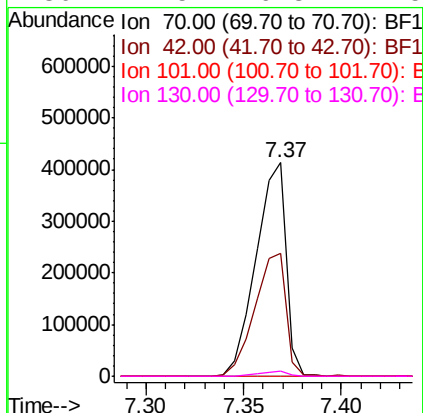
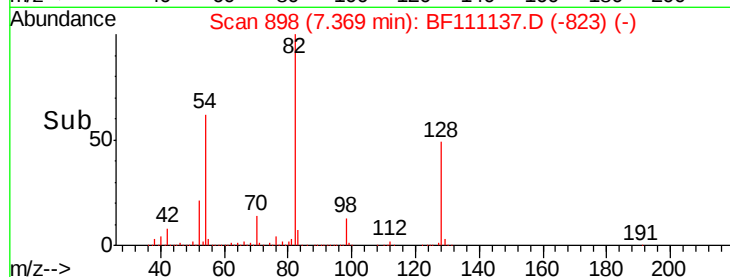
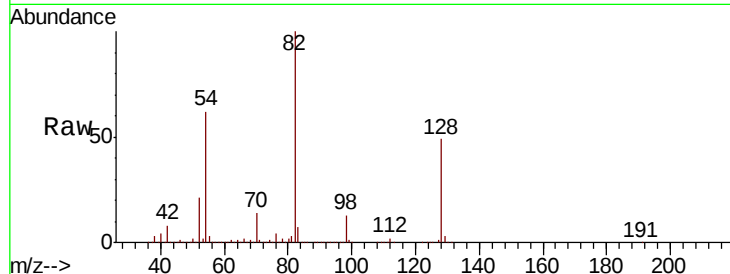




#19
n-Nitroso-di-n-propylamine
Concen: 16.100 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

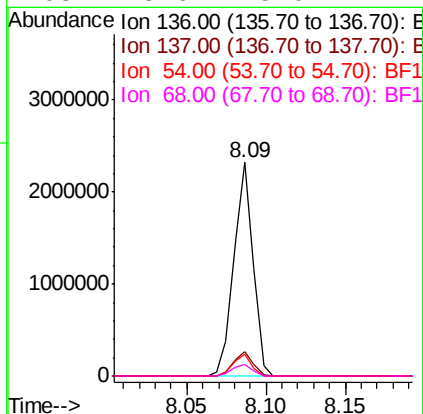
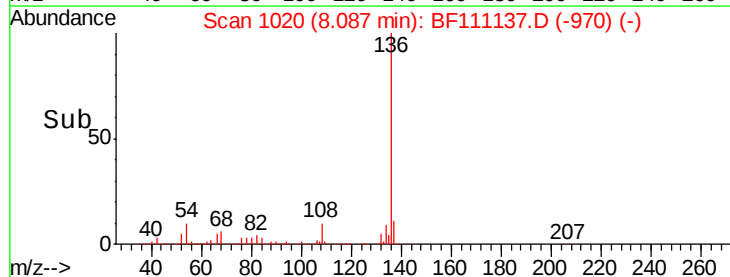
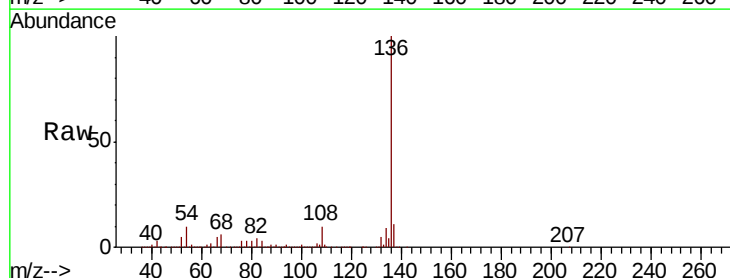
Instrument :
BNA_F
ClientSampleId :

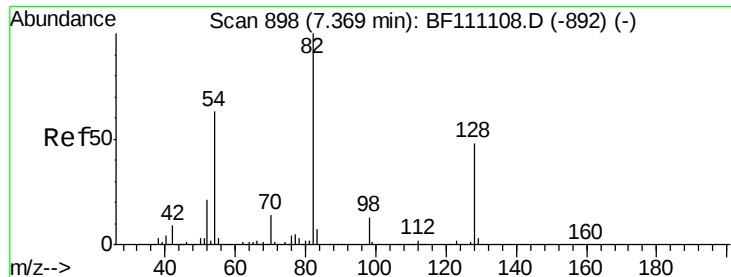
Tot Ion: 70 Resp: 440932
Ion Ratio Lower Upper
70 100
42 57.5 61.3 91.9#
101 0.0 7.7 11.5#
130 2.5 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Tgt Ion: 136 Resp: 1943242
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.1 8.4 12.6
68 5.6 5.0 7.4

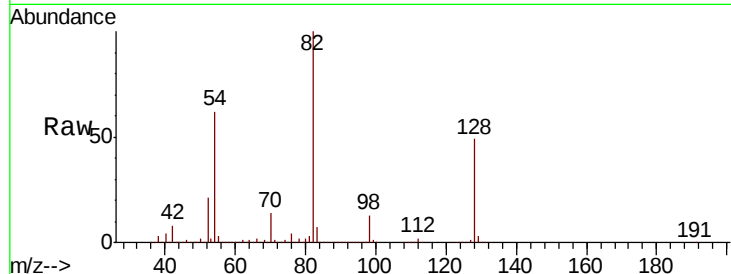




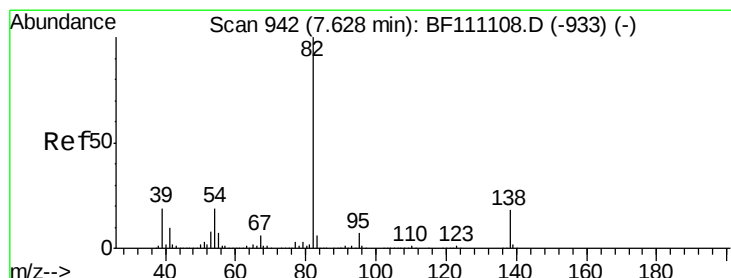
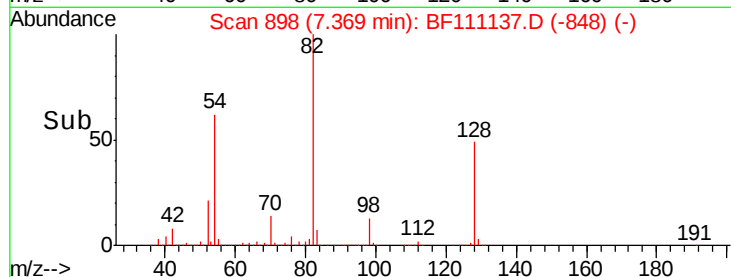
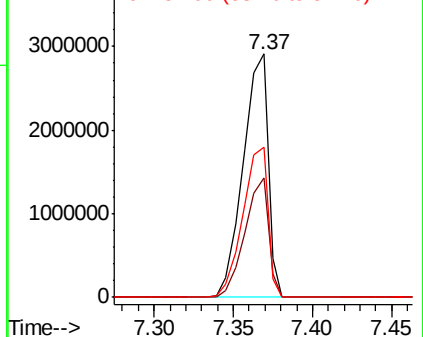
#23
Nitrobenzene-d5
Concen: 96.465 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3166272
Ion Ratio Lower Upper
82 100
128 49.1 38.1 57.1
54 61.7 50.3 75.5

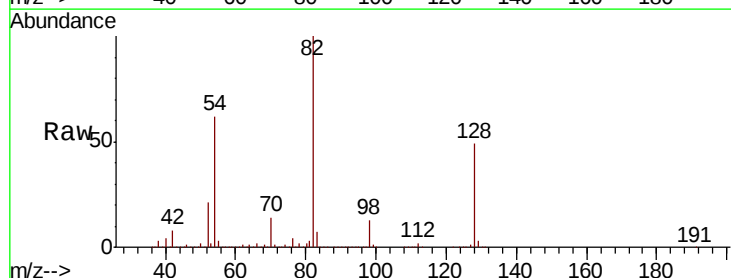


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

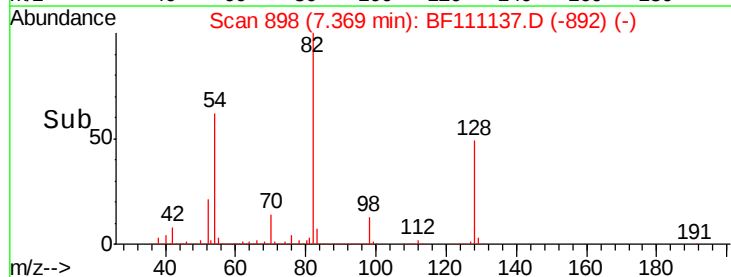
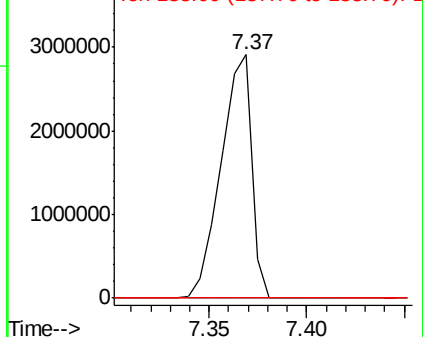


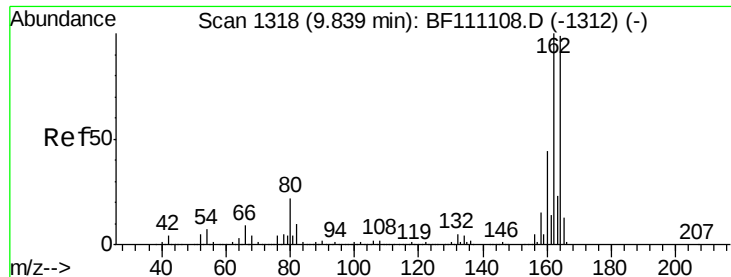
#25
Isophorone
Concen: 52.360 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Tgt Ion: 82 Resp: 3154051
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

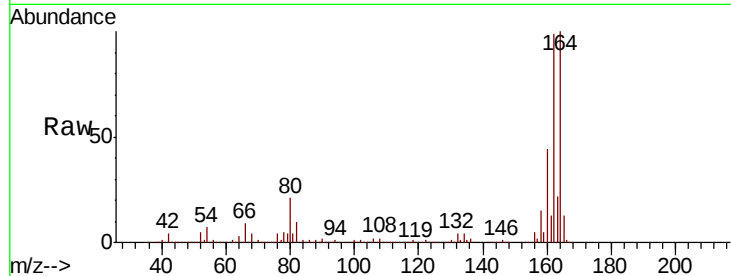




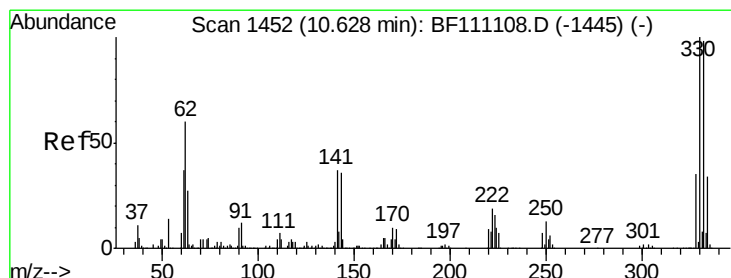
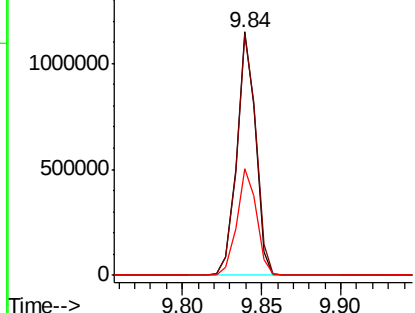
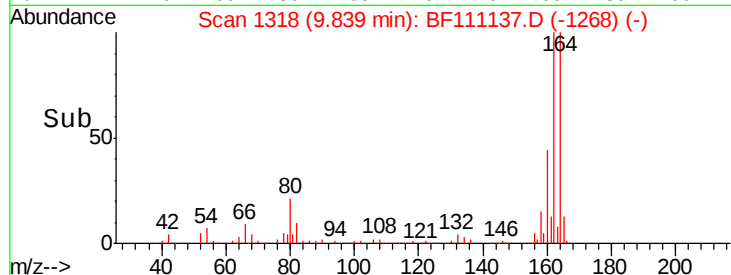
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF111137.D
 Acq: 6 Dec 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 939440
 Ion Ratio Lower Upper
 164 100
 162 98.8 80.6 120.8
 160 43.8 35.5 53.3

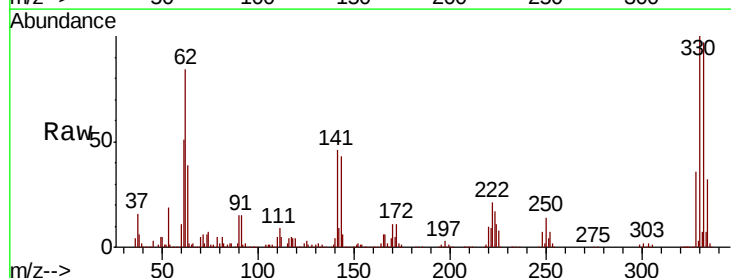


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

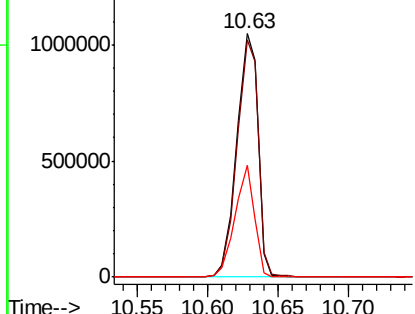
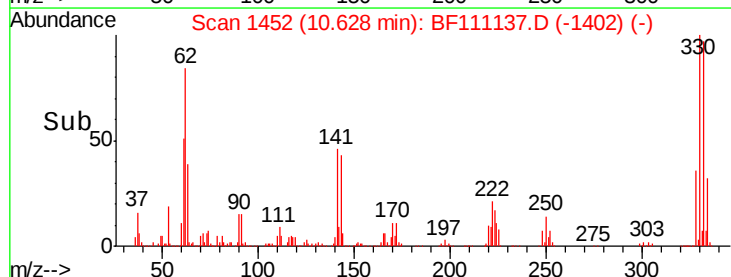


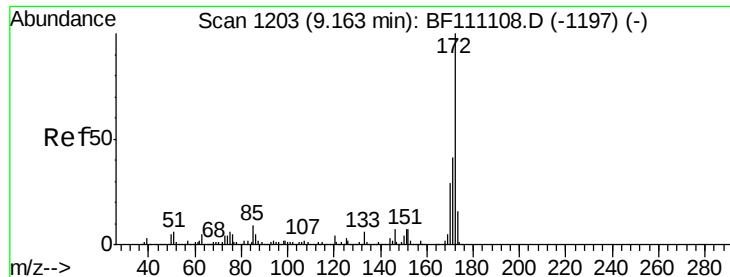
#42
 2,4,6-Tribromophenol
 Concen: 147.394 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF111137.D
 Acq: 6 Dec 2018 14:41

Tgt Ion:330 Resp: 1100660
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 42.1 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

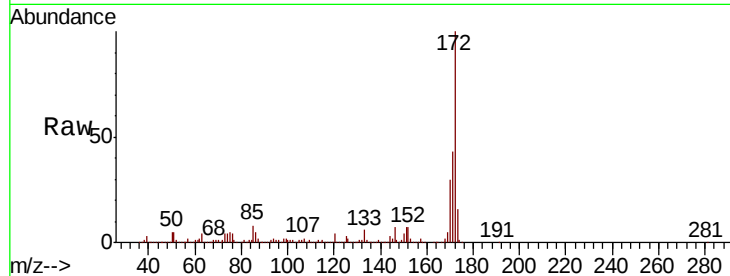




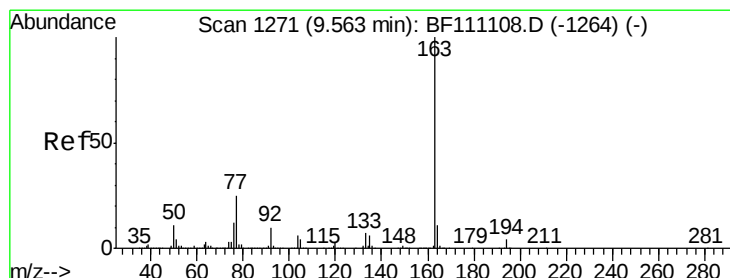
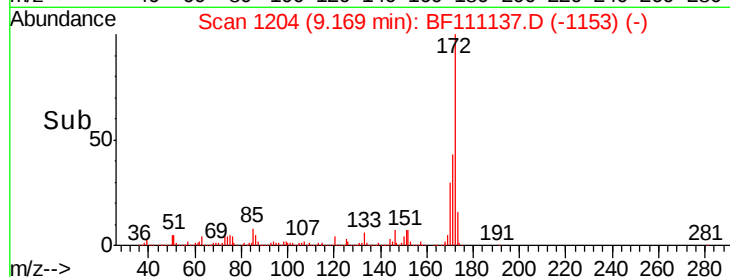
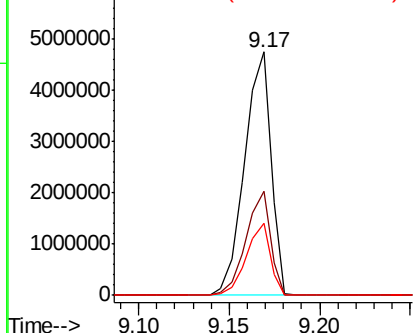
#45
2-Fluorobiphenyl
Concen: 97.008 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4820223
Ion Ratio Lower Upper
172 100
171 42.8 33.2 49.8
170 29.5 22.9 34.3

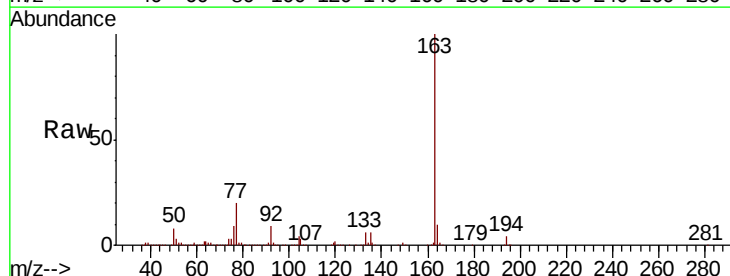


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

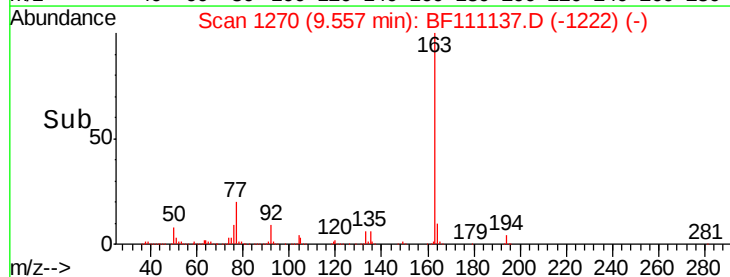
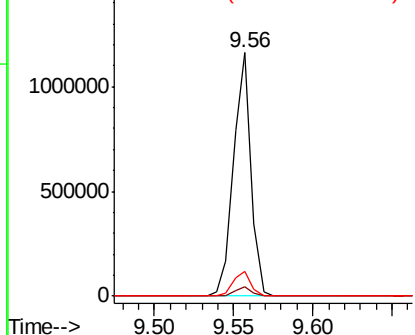


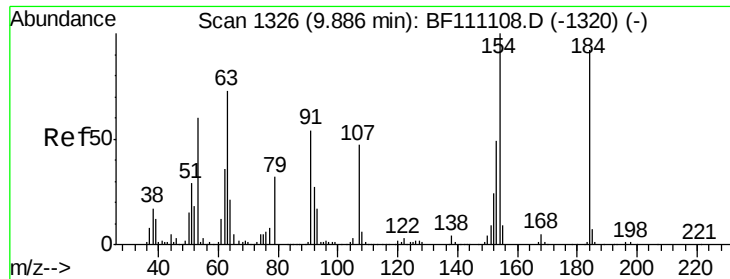
#50
Dimethylphthalate
Concen: 13.579 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Tgt Ion:163 Resp: 887818
Ion Ratio Lower Upper
163 100
194 3.7 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

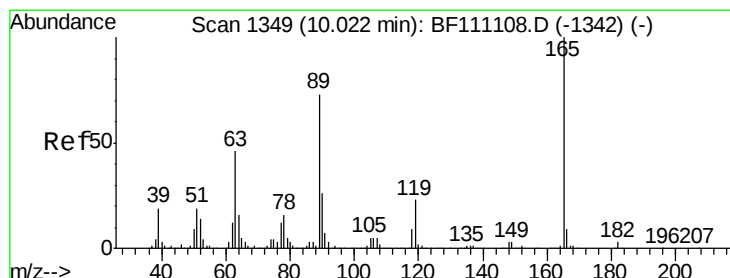
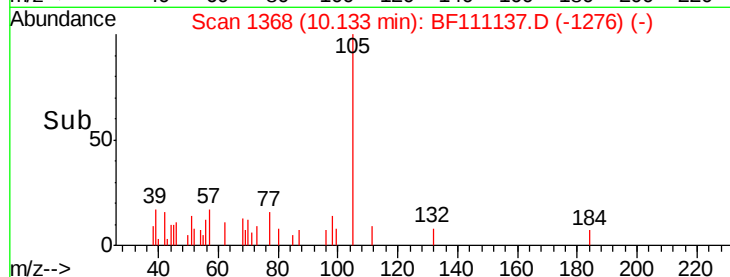
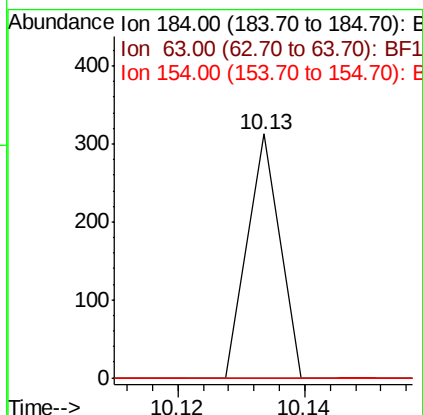
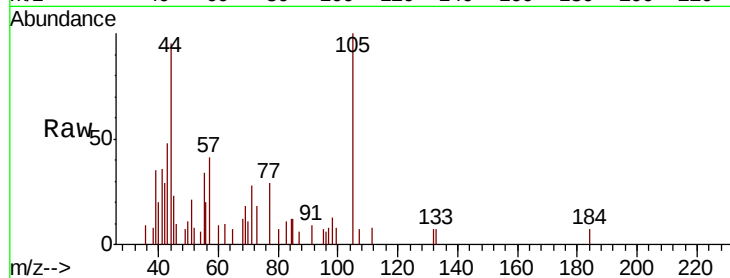




#54
2,4-Dinitrophenol
Concen: 6.627 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.24 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

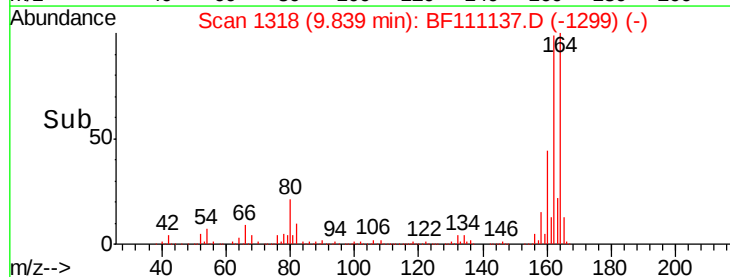
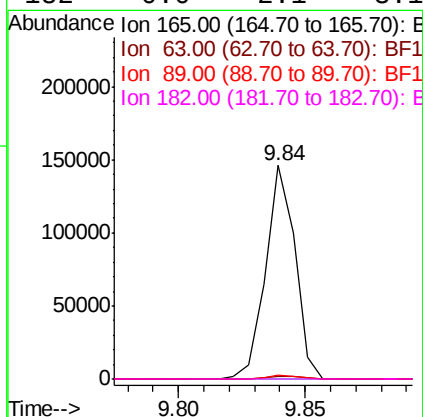
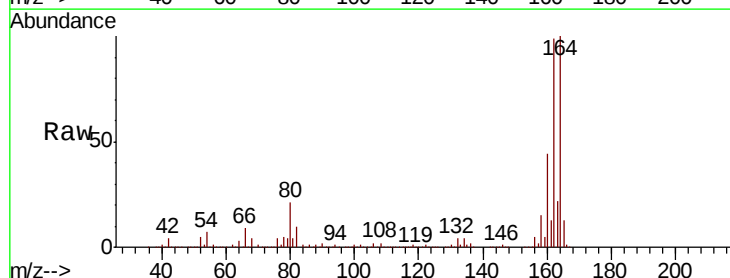
Instrument :
BNA_F
ClientSampleId :

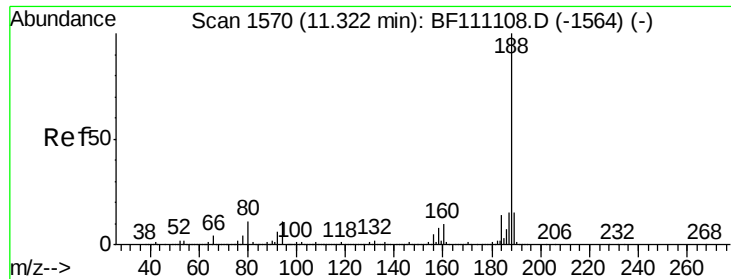
Tot Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 0.0 64.2 96.4#
154 0.0 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 6.679 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF111137.D
Acq: 6 Dec 2018 14:41

Tgt Ion:165 Resp: 119578
Ion Ratio Lower Upper
165 100
63 1.0 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. -0.01 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

Instrument :

BNA_F

ClientSampled :

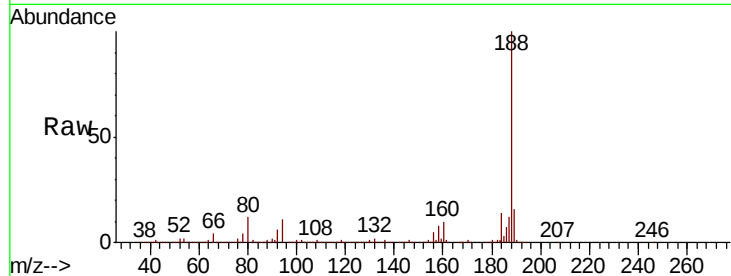
Tot Ion:188 Resp: 1696047

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

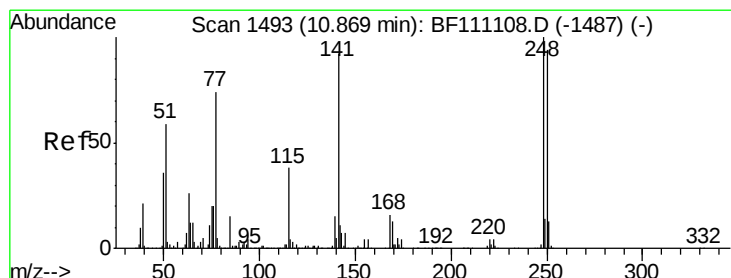
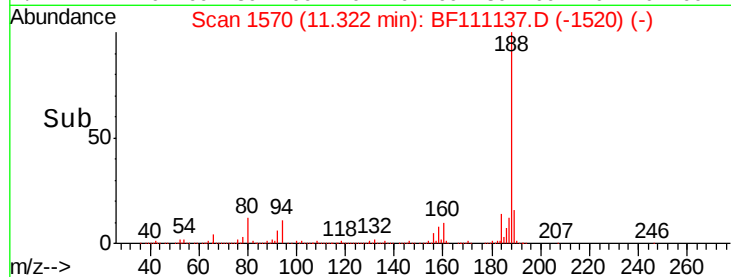
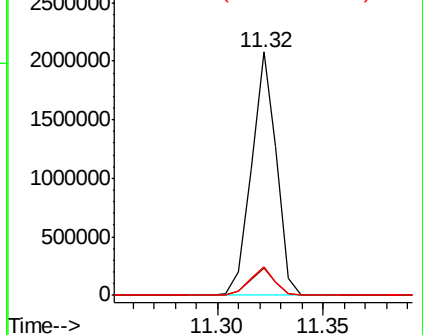
80 11.5 9.0 13.6



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: 4.073 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF111137.D

Acq: 6 Dec 2018 14:41

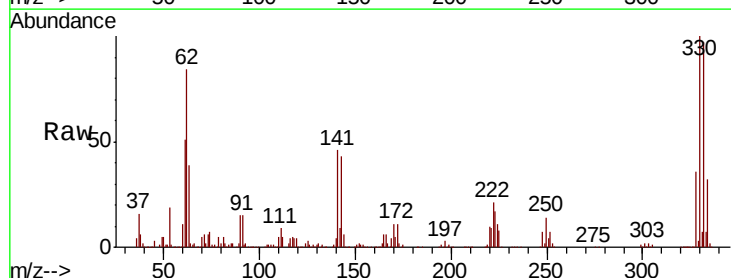
Tgt Ion:248 Resp: 73121

Ion Ratio Lower Upper

248 100

250 204.9 75.4 113.0#

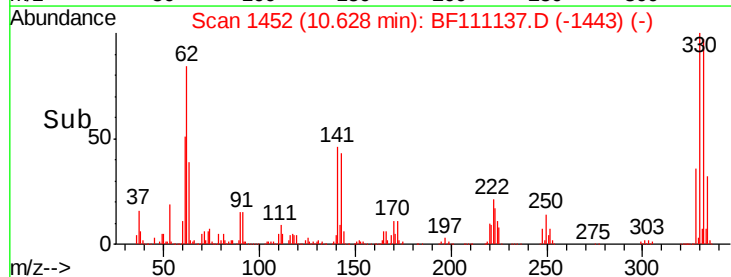
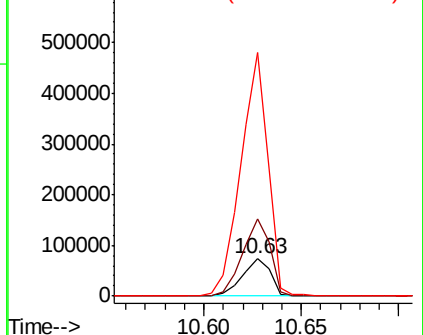
141 650.8 73.8 110.6#

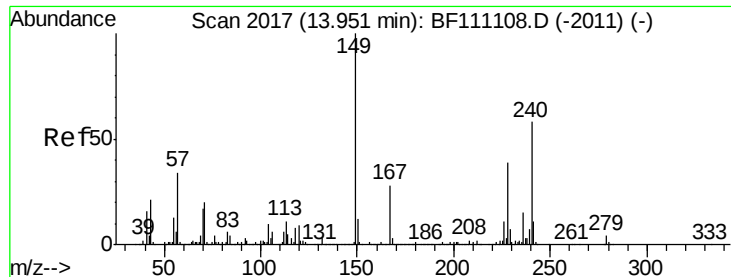


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

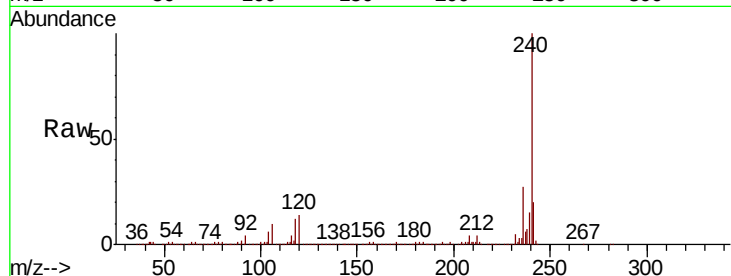




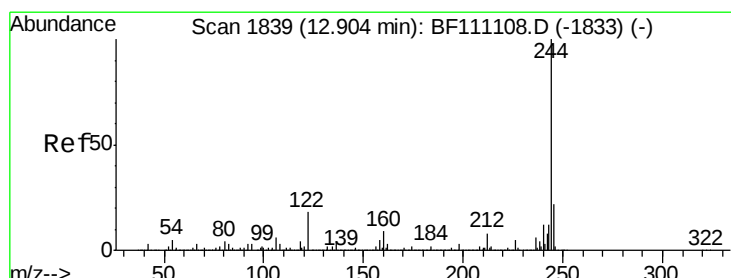
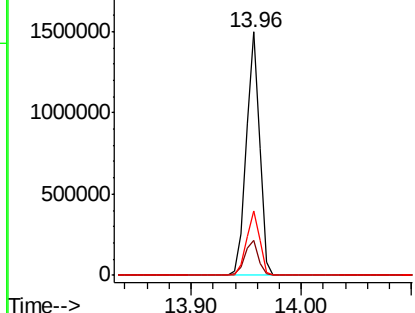
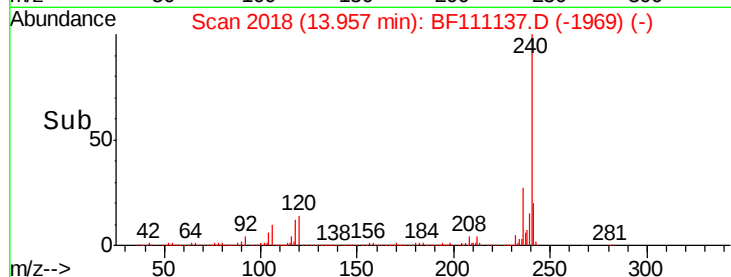
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF111137.D
 Acq: 6 Dec 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 1265497
 Ion Ratio Lower Upper
 240 100
 120 14.4 12.8 19.2
 236 26.6 21.1 31.7

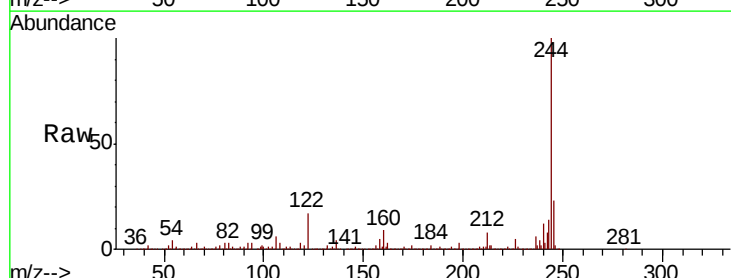


Abundance Ion 240.00 (239.70 to 240.70): E
 2000000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

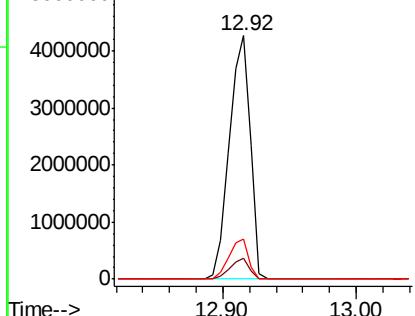
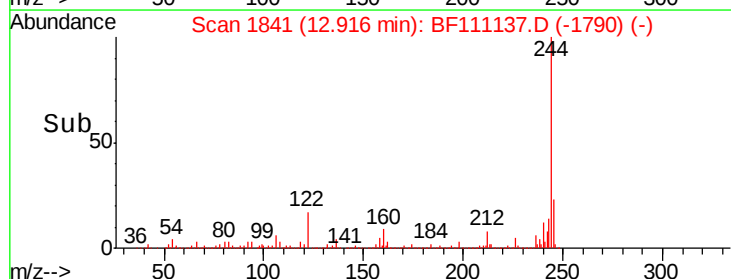


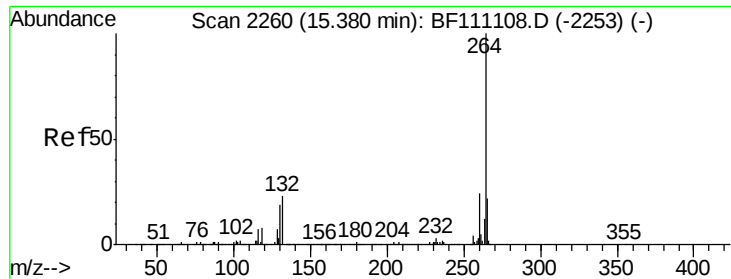
#79
 Terphenyl-d14
 Concen: 76.470 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF111137.D
 Acq: 6 Dec 2018 14:41

Tgt Ion:244 Resp: 4725254
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 16.6 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: BF111137.D
Acq: 6 Dec 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.2	17.4	26.0

