

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111131.D
 Acq On : 6 Dec 2018 11:57
 Operator : JU/SJ
 Sample : J6206-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 13:48:52 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

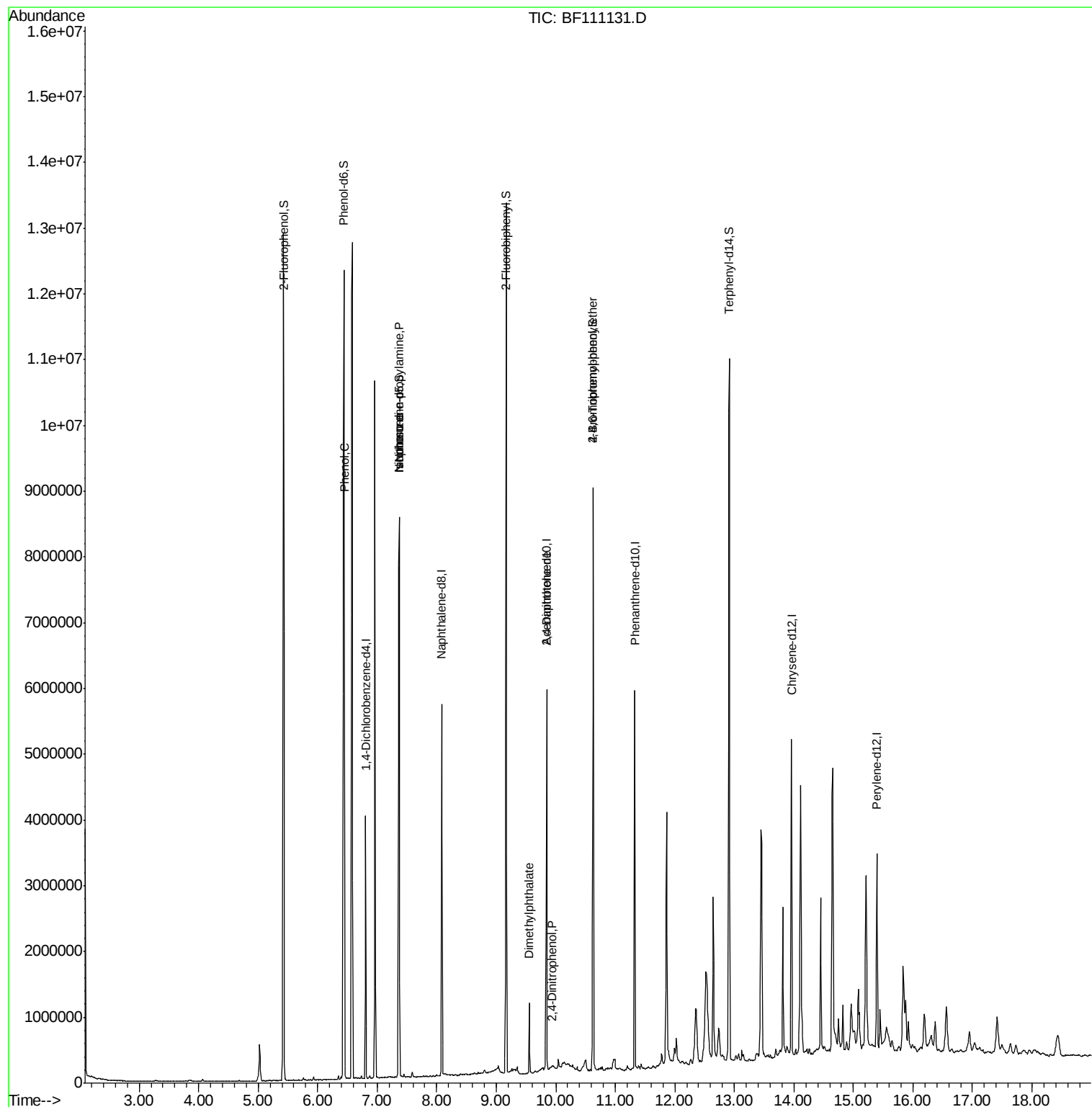
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	566988	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2305266	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	1168593	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	2051475	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1615061	20.00	ng	0.00
87) Perylene-d12	15.40	264	1288357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3505376	96.47	ng	0.01
7) Phenol-d6	6.44	99	4395607	93.91	ng	0.00
23) Nitrobenzene-d5	7.37	82	2847363	73.13	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	901892	97.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3889511	56.85	ng	0.00
79) Terphenyl-d14	12.92	244	3513564	44.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	9588	Below Cal		89
10) Phenol	6.45	94	307154	6.018 ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	384498	12.224 ng	#	75
25) Isophorone	7.37	82	2838628	39.723 ng	#	65
50) Dimethylphthalate	9.56	163	373762	4.596 ng		97
54) 2,4-Dinitrophenol	9.95	184	163	6.631 ng	#	84
57) 2,4-Dinitrotoluene	9.84	165	150283	6.748 ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	63764	2.936 ng	#	1

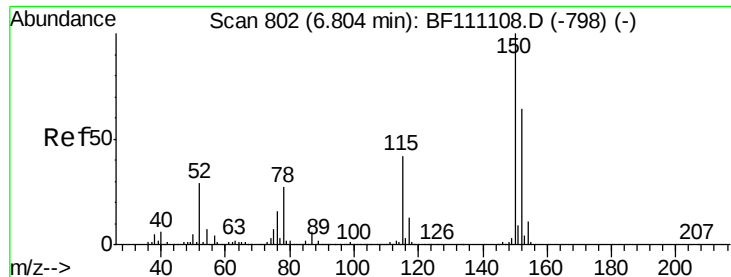
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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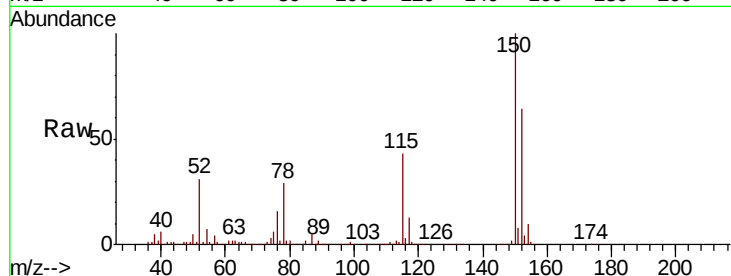


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	187.0
115	67.5	52.2	78.2

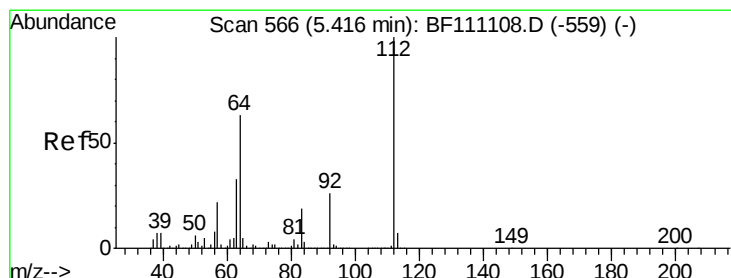
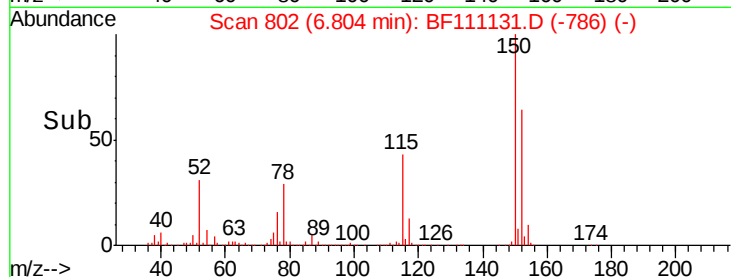
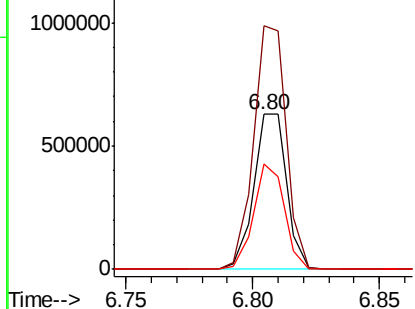


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

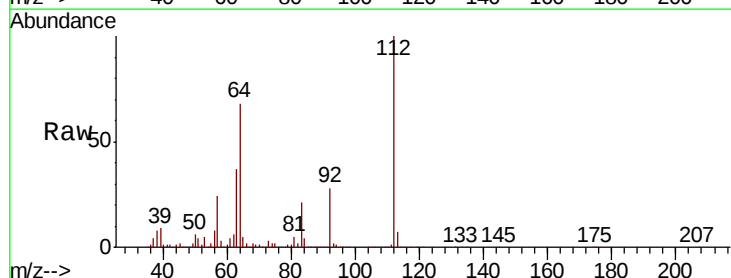
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.475 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	50.2	75.4
63	36.5	26.6	39.8

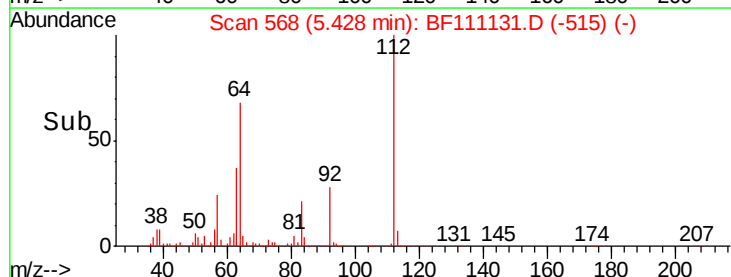
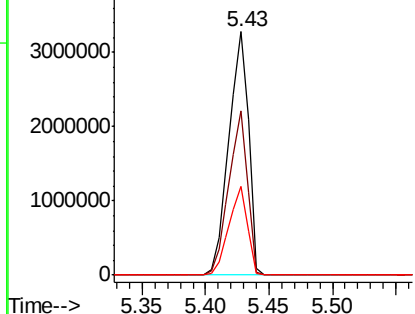


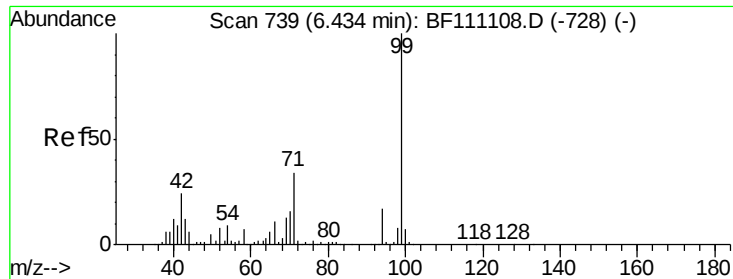
Abundance

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: 93.912 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111131.D

Acq: 6 Dec 2018 11:57

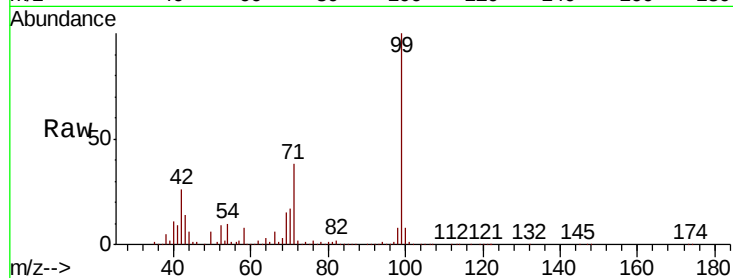
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 4395607

Ion	Ratio	Lower	Upper
99	100		
42	26.4	19.3	28.9
71	37.6	27.4	41.2

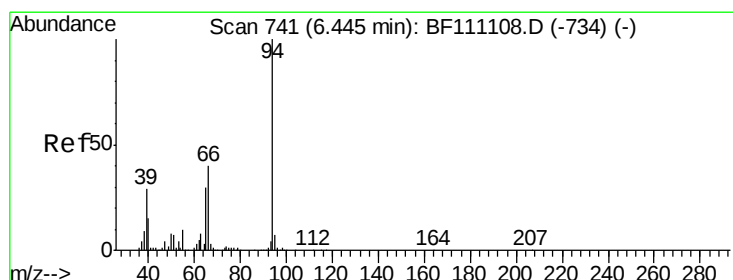
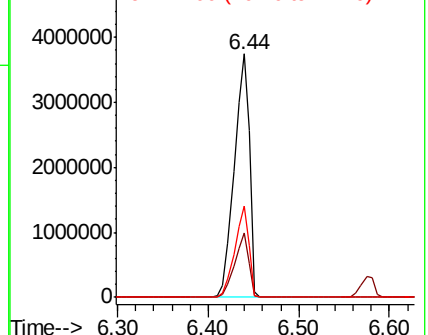
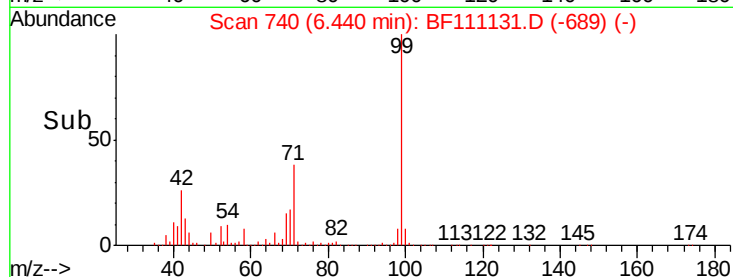


Abundance

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: 6.018 ng

RT: 6.45 min Scan# 742

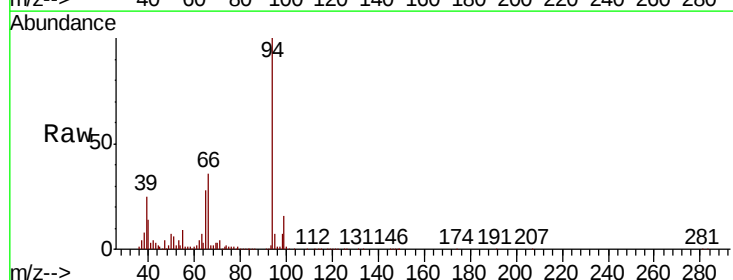
Delta R.T. 0.00 min

Lab File: BF111131.D

Acq: 6 Dec 2018 11:57

Tgt Ion: 94 Resp: 307154

Ion	Ratio	Lower	Upper
94	100		
65	28.0	10.5	50.5
66	35.8	19.8	59.8

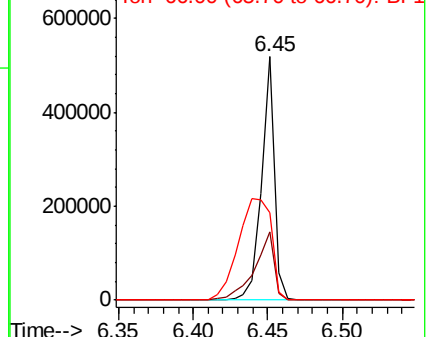
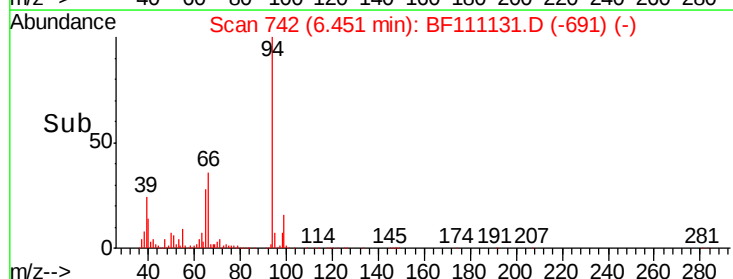


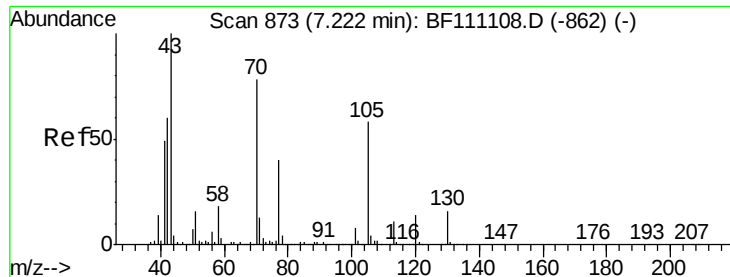
Abundance

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

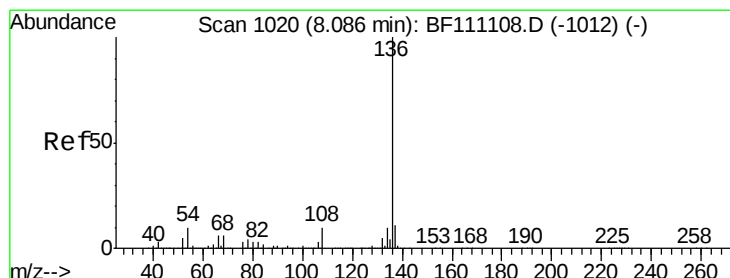
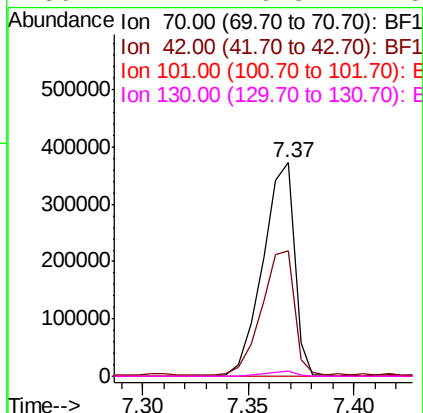
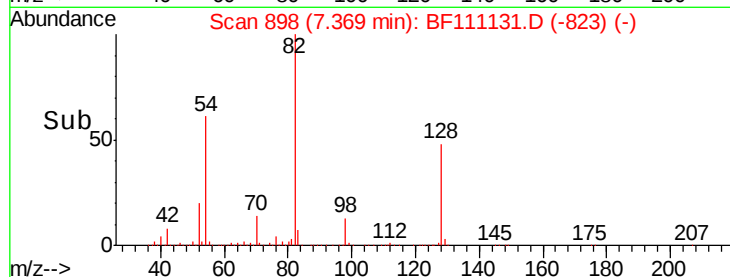
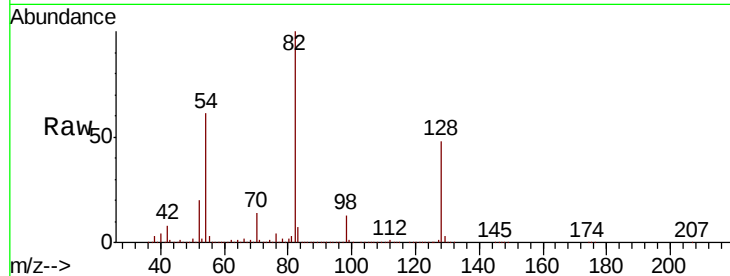




#19
n-Nitroso-di-n-propylamine
Concen: 12.224 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

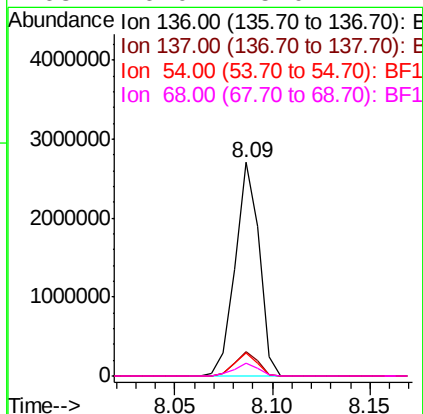
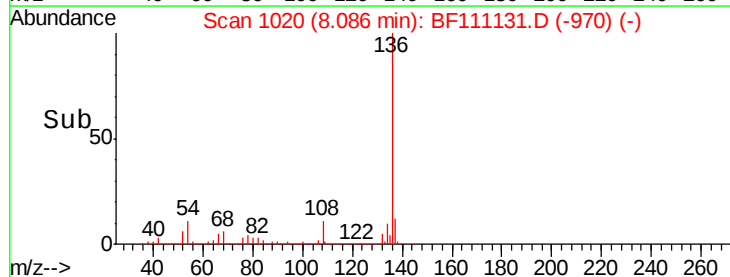
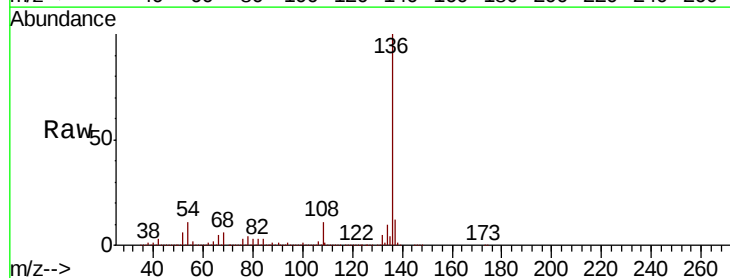
Instrument :
BNA_F
ClientSampleId :

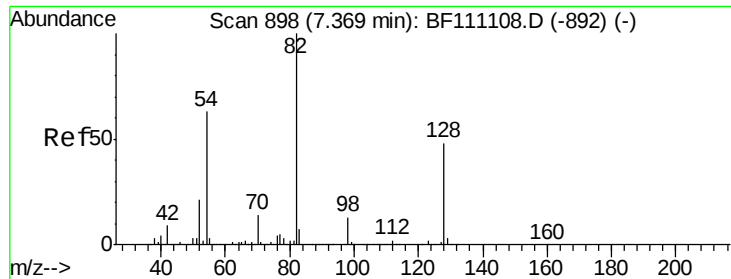
Tot Ion: 70 Resp: 384498
Ion Ratio Lower Upper
70 100
42 58.8 61.3 91.9#
101 0.0 7.7 11.5#
130 2.1 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Tgt Ion:136 Resp: 2305266
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 10.6 8.4 12.6
68 6.0 5.0 7.4

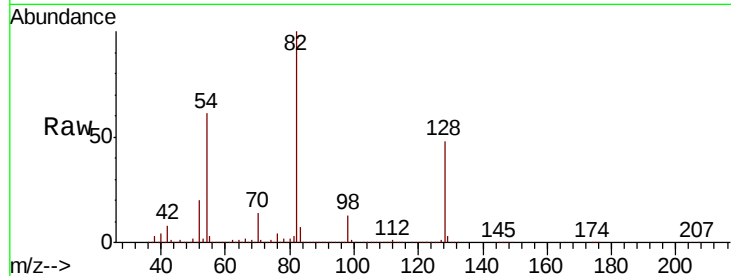




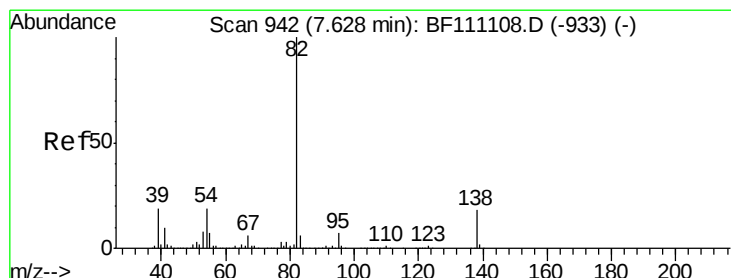
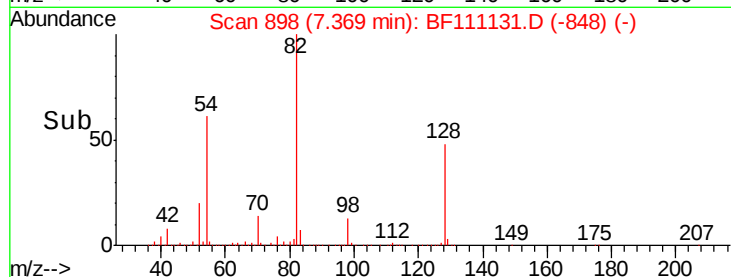
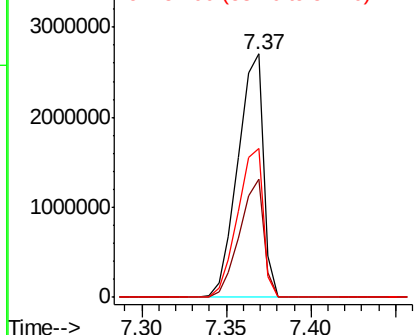
#23
Nitrobenzene-d5
Concen: 73.125 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2847363
Ion Ratio Lower Upper
82 100
128 48.4 38.1 57.1
54 61.2 50.3 75.5

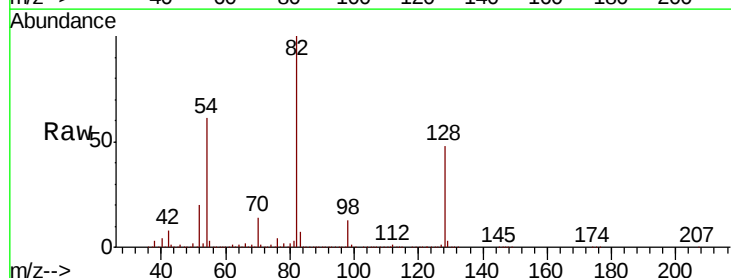


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

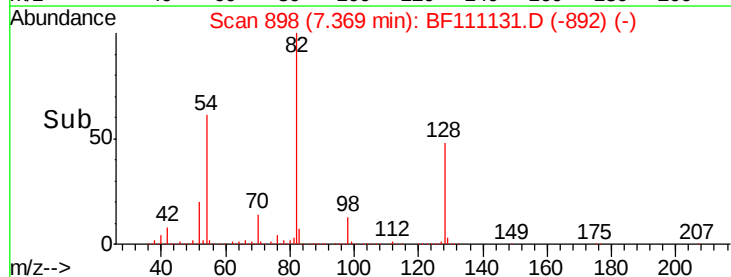
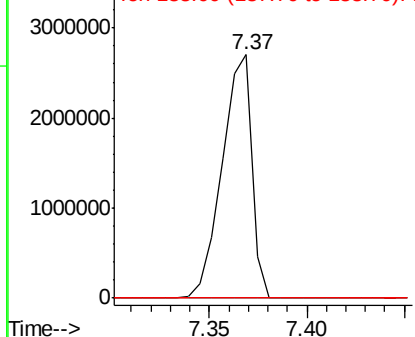


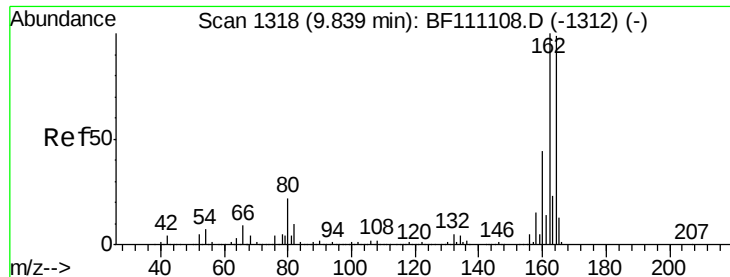
#25
Isophorone
Concen: 39.723 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Tgt Ion: 82 Resp: 2838628
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

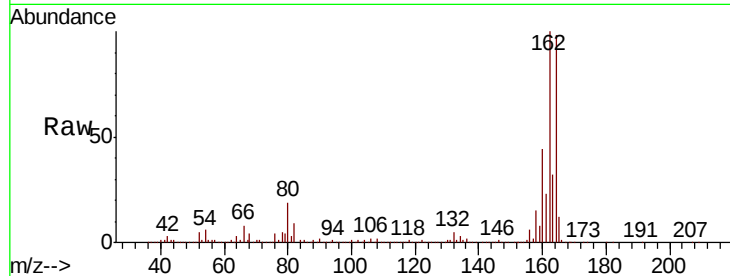




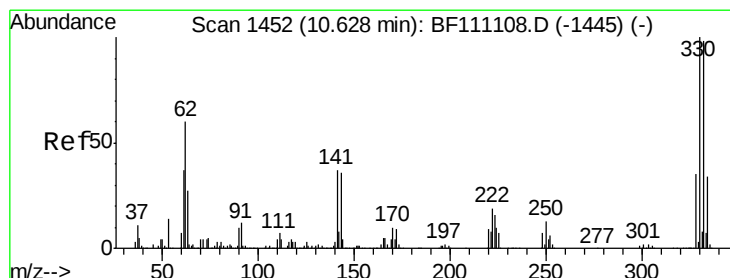
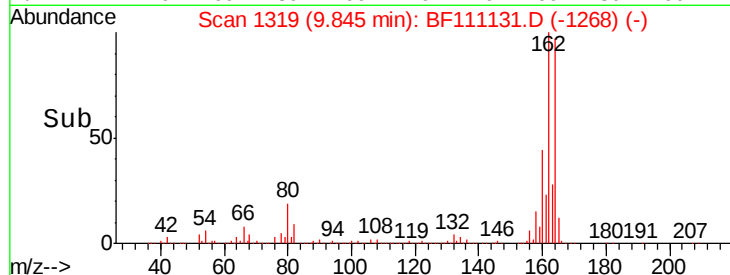
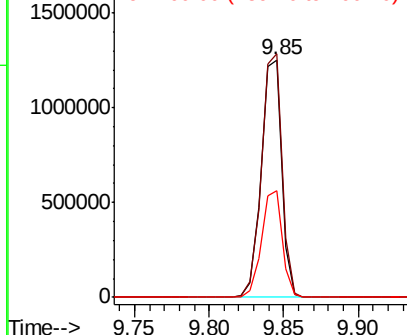
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 1168593
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 44.8 35.5 53.3

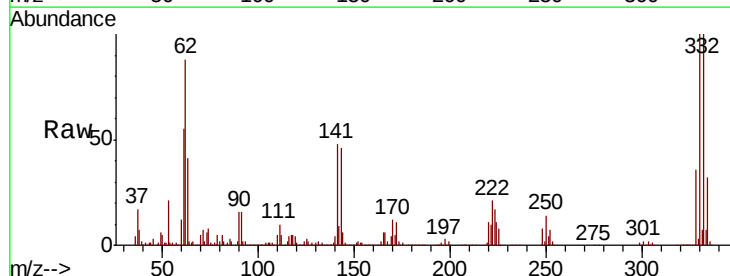


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

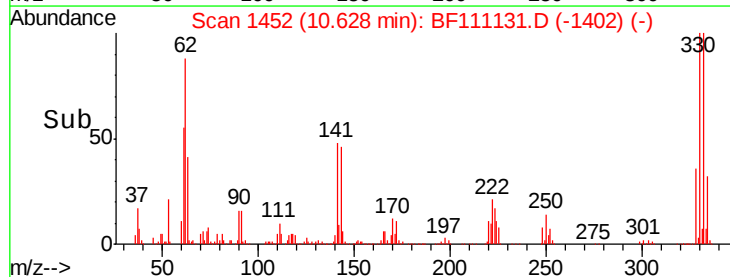
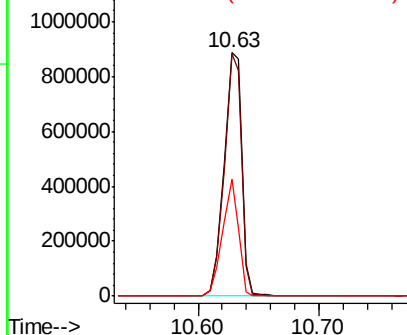


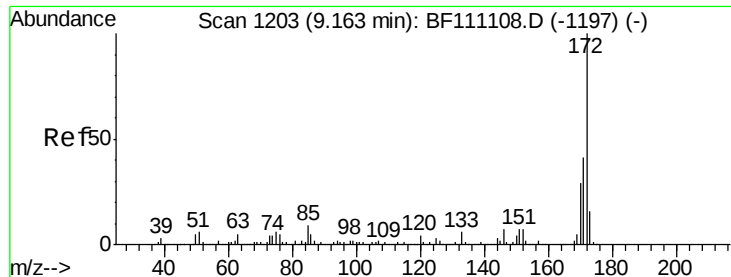
#42
2,4,6-Tribromophenol
Concen: 97.093 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Tgt Ion:330 Resp: 901892
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 43.3 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

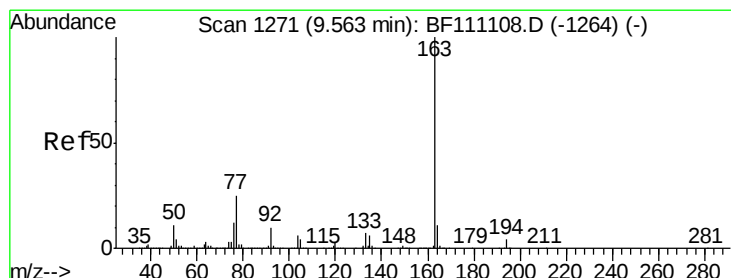
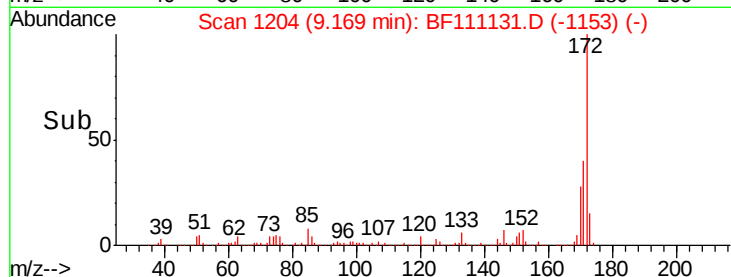
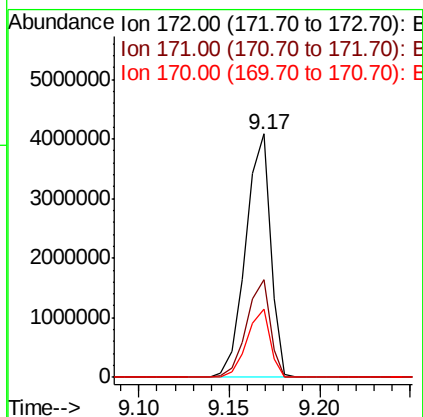
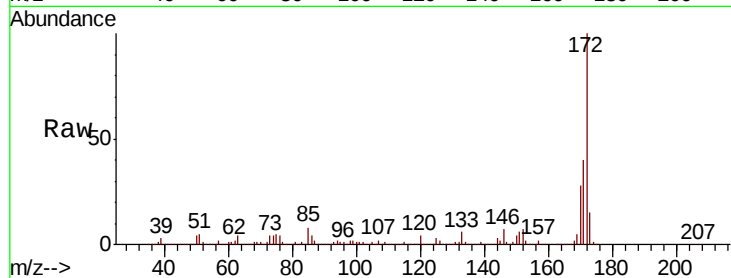




#45
2-Fluorobiphenyl
Concen: 56.850 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

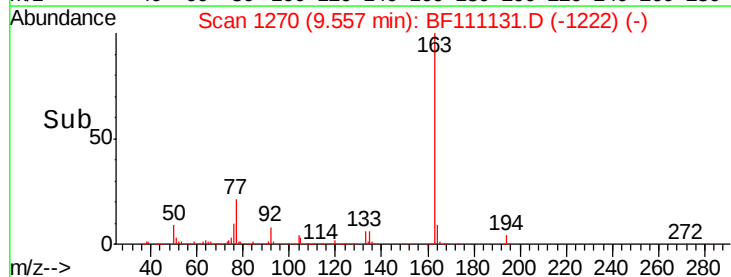
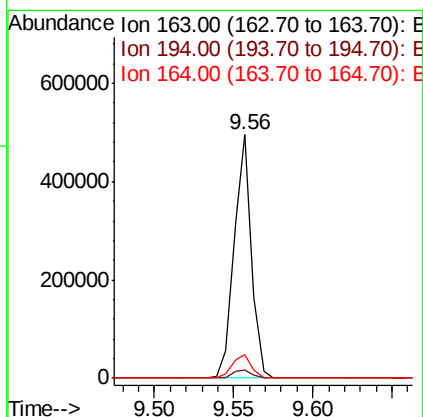
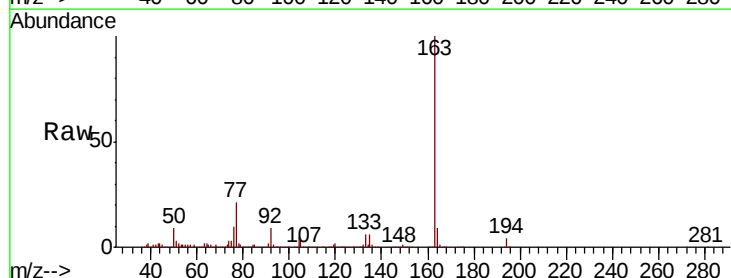
Instrument :
BNA_F
ClientSampleId :

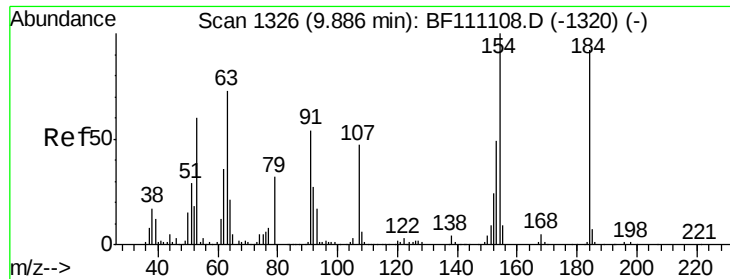
Tot Ion:172 Resp: 3889511
Ion Ratio Lower Upper
172 100
171 40.3 33.2 49.8
170 28.2 22.9 34.3



#50
Dimethylphthalate
Concen: 4.596 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Tgt Ion:163 Resp: 373762
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.4 8.9 13.3

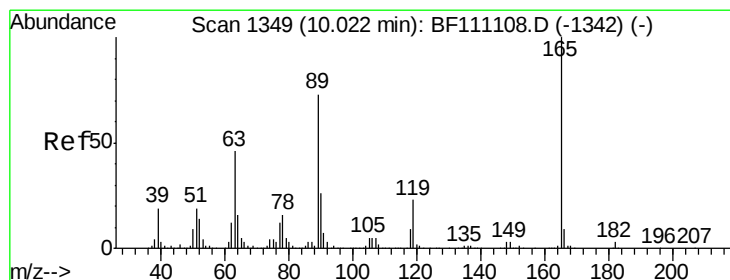
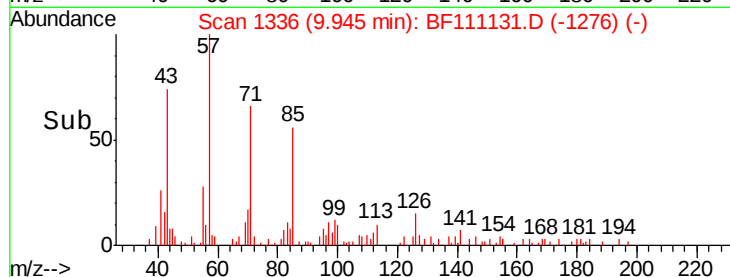
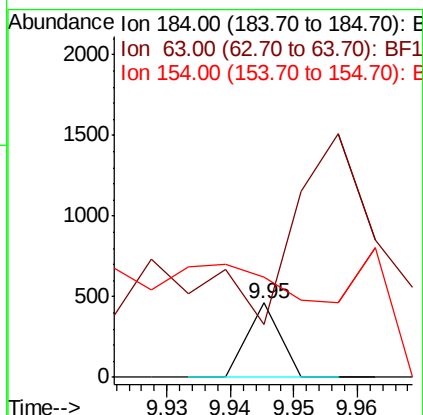
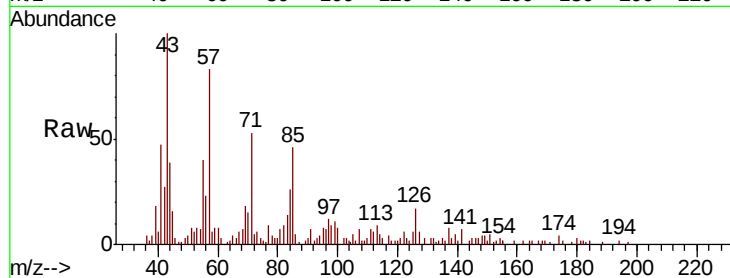




#54
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

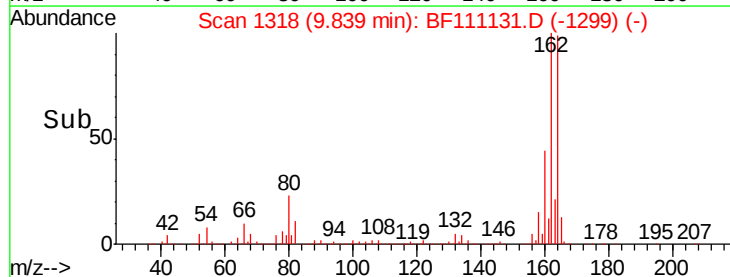
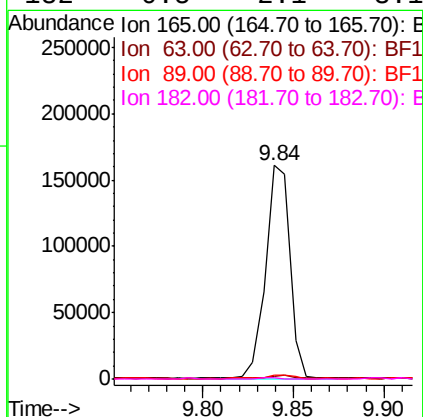
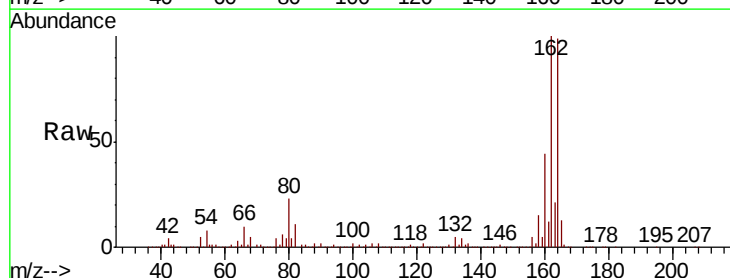
Instrument :
BNA_F
ClientSampleId :

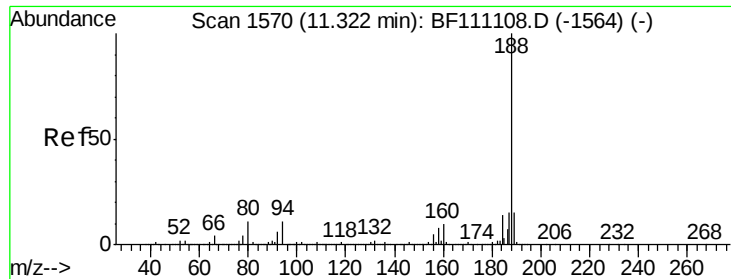
Tot Ion:184 Resp: 163
Ion Ratio Lower Upper
184 100
63 71.7 64.2 96.4
154 134.3 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 6.748 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Tgt Ion:165 Resp: 150283
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.7 58.4 87.6#
182 0.5 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF111131.D

Acq: 6 Dec 2018 11:57

Instrument :

BNA_F

ClientSampleId :

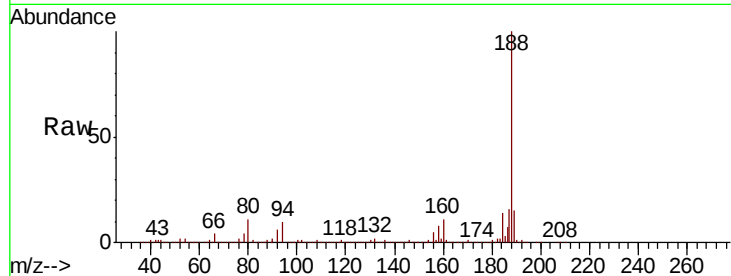
Tot Ion:188 Resp: 2051475

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

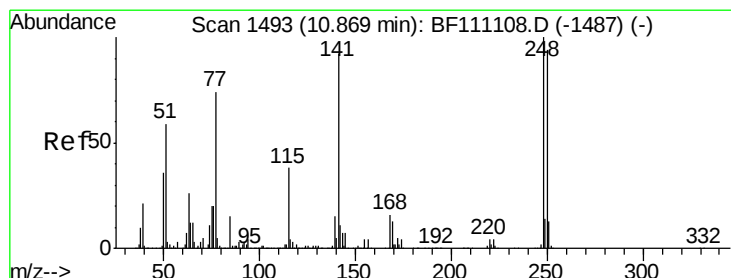
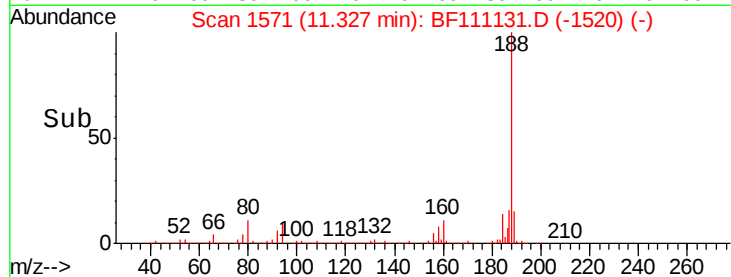
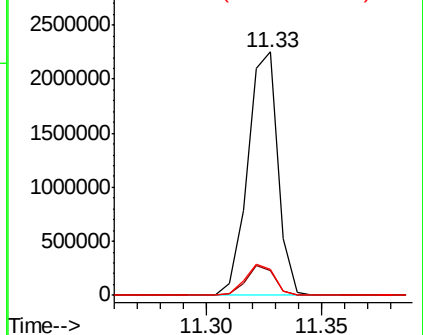
80 10.8 9.0 13.6



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: 2.936 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF111131.D

Acq: 6 Dec 2018 11:57

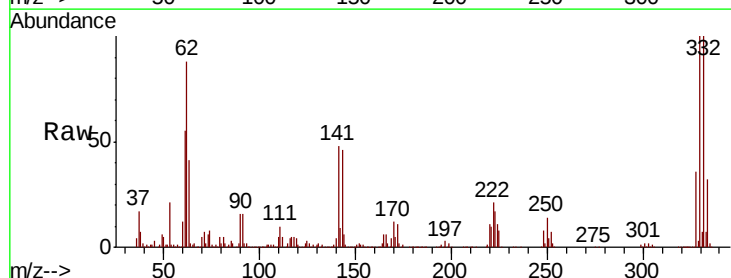
Tgt Ion:248 Resp: 63764

Ion Ratio Lower Upper

248 100

250 186.2 75.4 113.0#

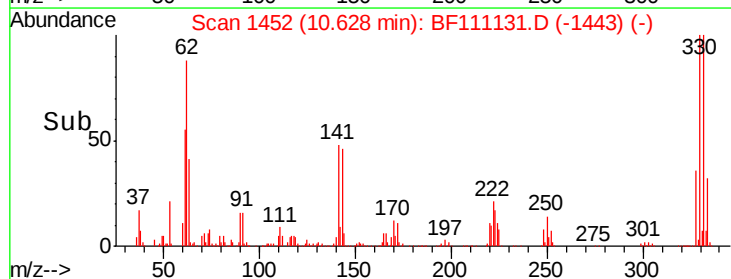
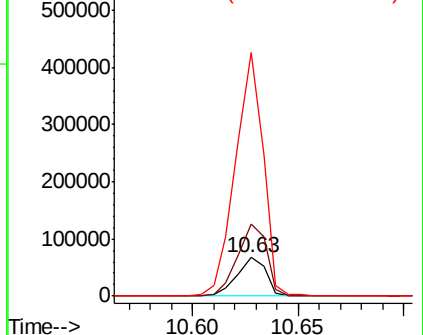
141 628.9 73.8 110.6#

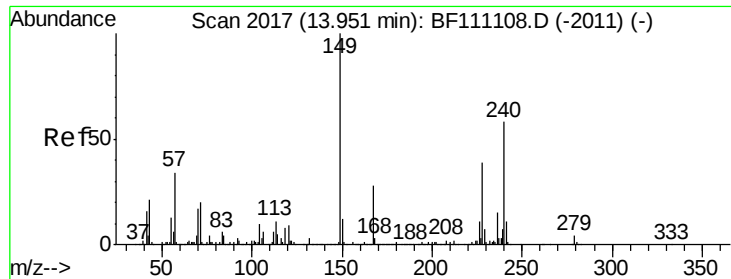


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

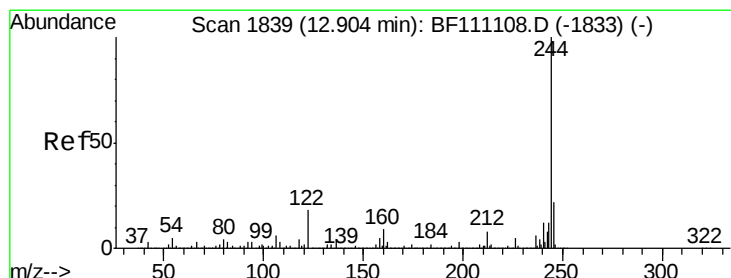
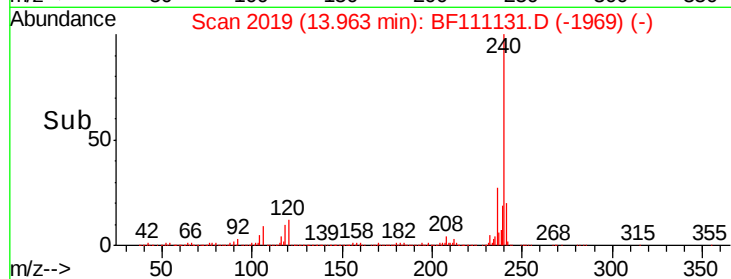
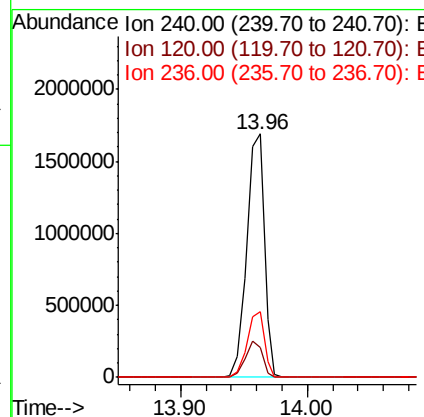
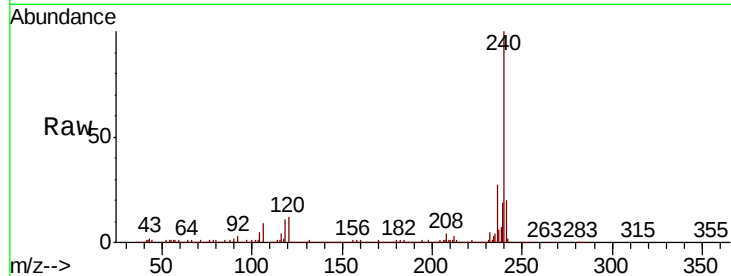




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF111131.D
 Acq: 6 Dec 2018 11:57

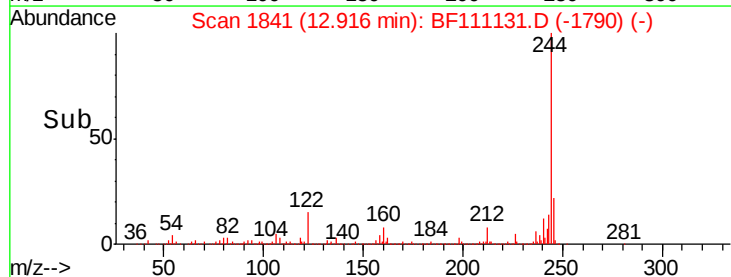
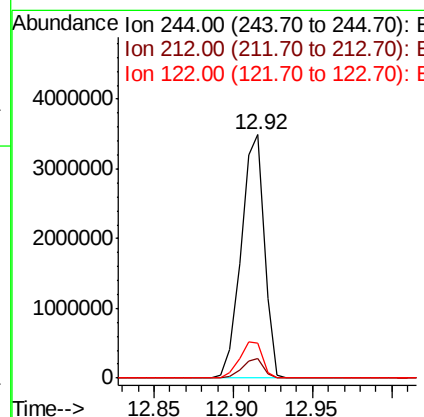
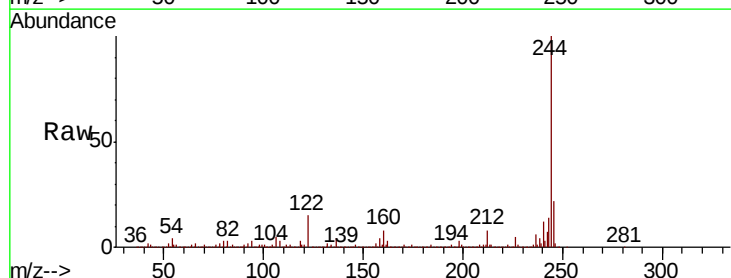
Instrument :
 BNA_F
 ClientSampleId :

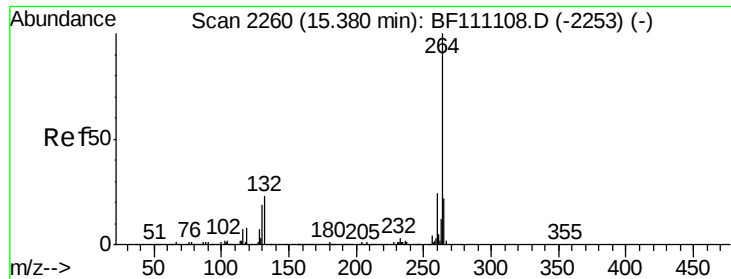
Tot Ion:240 Resp: 1615061
 Ion Ratio Lower Upper
 240 100
 120 12.4 12.8 19.2#
 236 26.9 21.1 31.7



#79
 Terphenyl-d14
 Concen: 44.554 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF111131.D
 Acq: 6 Dec 2018 11:57

Tgt Ion:244 Resp: 3513564
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 14.6 14.2 21.2



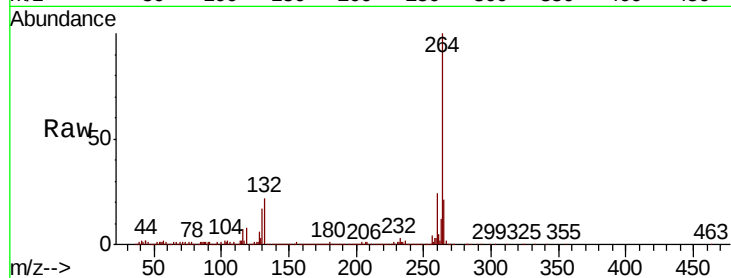


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF111131.D
Acq: 6 Dec 2018 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 1288357

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.5	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

