

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111123.D
 Acq On : 5 Dec 2018 22:39
 Operator : JU/SJ
 Sample : J6184-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-331

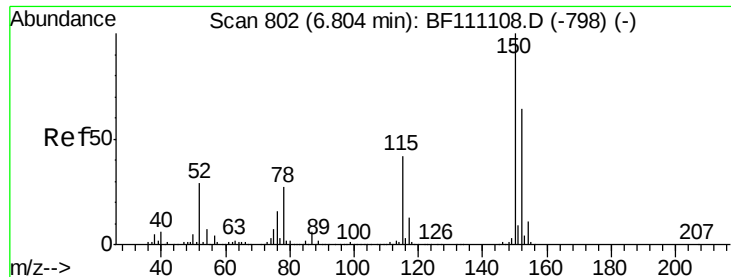
Quant Time: Dec 06 01:09:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	488674	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1878300	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	852151	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1265218	20.00	ng	0.00
76) Chrysene-d12	13.96	240	916237	20.00	ng	0.00
87) Perylene-d12	15.39	264	633123	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	2960972	94.55	ng	0.00
7) Phenol-d6	6.43	99	3747935	92.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	2341095	73.79	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	614061	90.65	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3581833	76.34	ng	0.00
79) Terphenyl-d14	12.91	244	2594073	57.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	9511	Below Cal		# 8
10) Phenol	6.45	94	268458	6.103	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	316772	11.685	ng	# 78
25) Isophorone	7.36	82	2335401	40.110	ng	# 65
50) Dimethylphthalate	9.56	163	529324	8.925	ng	97
57) 2,4-Dinitrotoluene	9.84	165	109346	6.733	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	42126	3.145	ng	# 1
75) Fluoranthene	12.53	202	147683	2.480	ng	94
78) Pyrene	12.53	202	147683	2.069	ng	93
84) Bis(2-ethylhexyl)phthalate	13.95	149	144831	3.477	ng	98
88) Benzo(b)fluoranthene	14.97	252	95142	2.652	ng	# 90
89) Benzo(k)fluoranthene	14.97	252	95142	2.743	ng	# 90

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

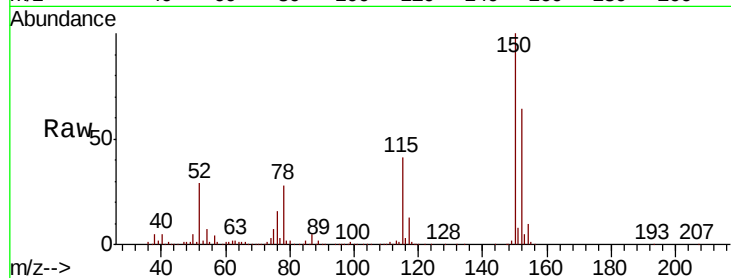


#1

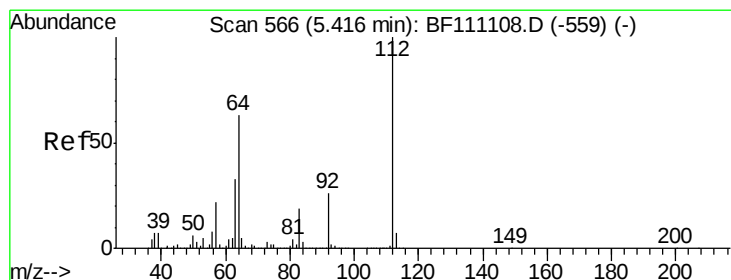
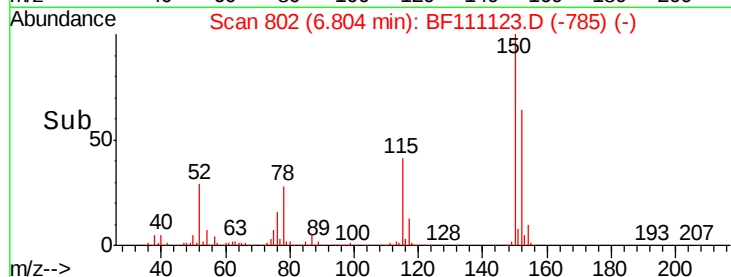
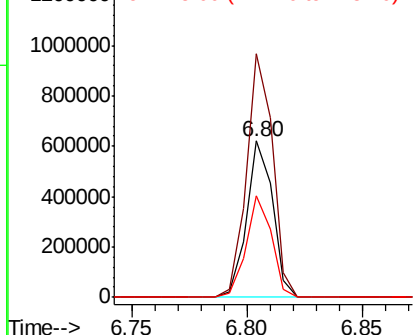
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
RO-331

Tgt Ion:152 Resp: 488674
Ion Ratio Lower Upper
152 100
150 155.9 124.6 187.0
115 64.6 52.2 78.2



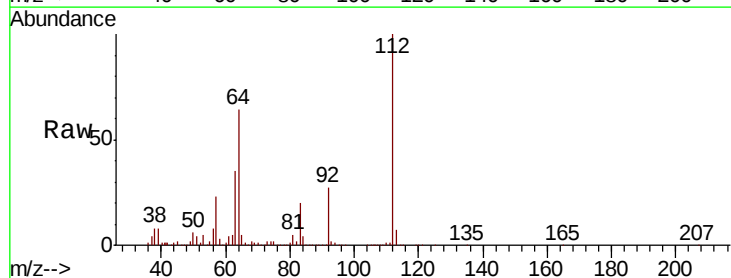
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



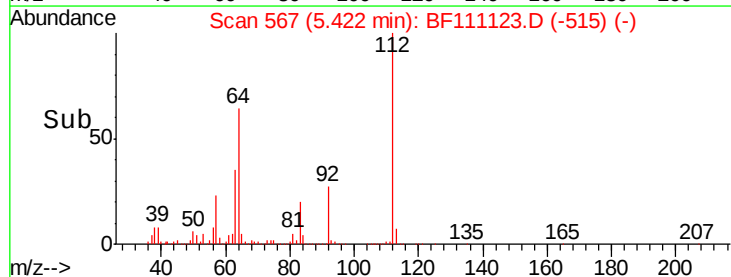
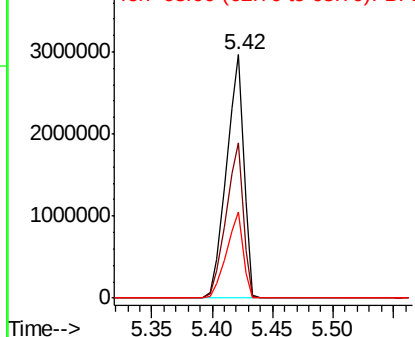
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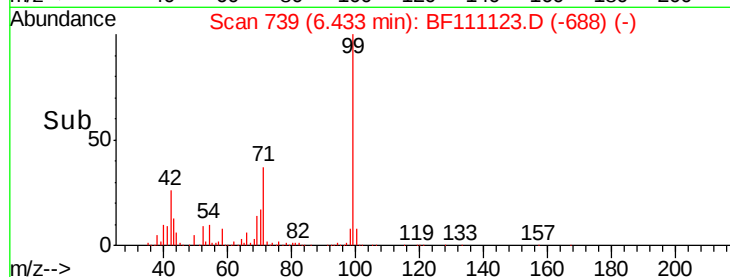
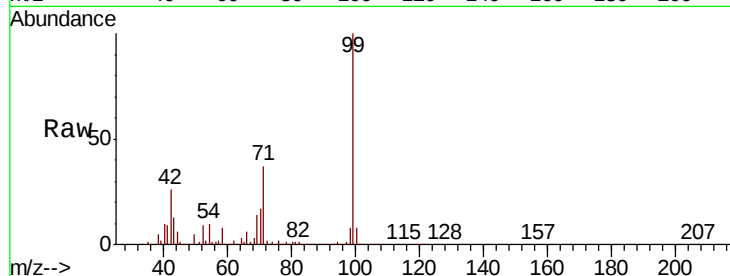
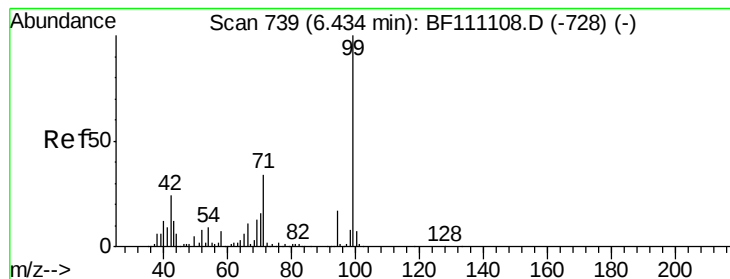
2-Fluorophenol
Concen: 94.551 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion:112 Resp: 2960972
Ion Ratio Lower Upper
112 100
64 63.9 50.2 75.4
63 35.1 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: 92.907 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

RO-331

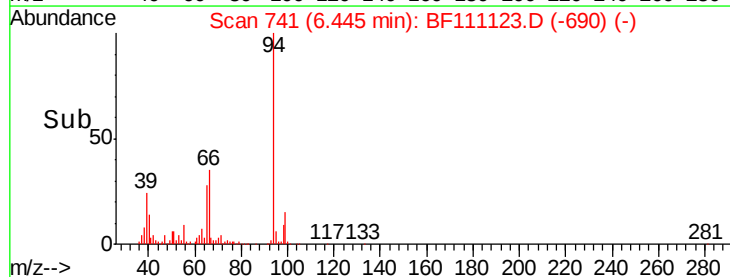
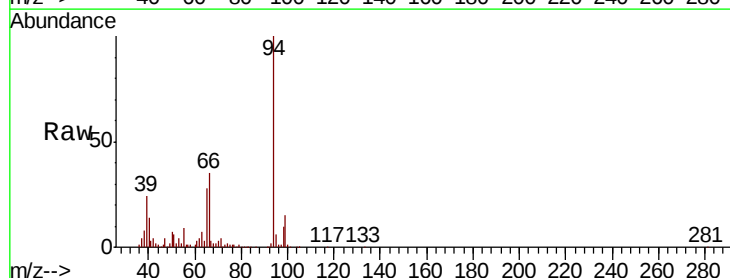
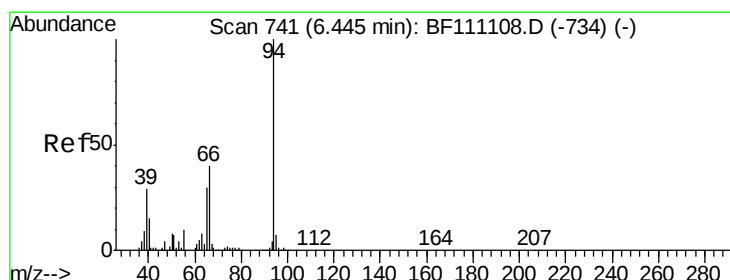
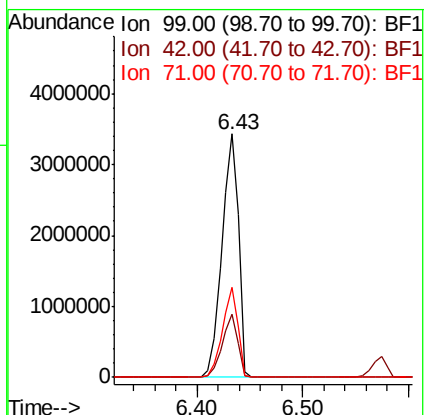
Tgt Ion: 99 Resp: 3747935

Ion Ratio Lower Upper

99 100

42 26.0 19.3 28.9

71 36.7 27.4 41.2



#10

Phenol

Concen: 6.103 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

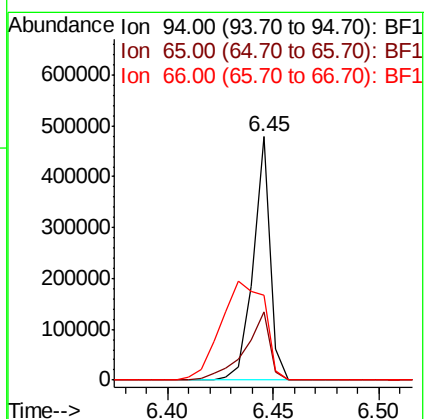
Tgt Ion: 94 Resp: 268458

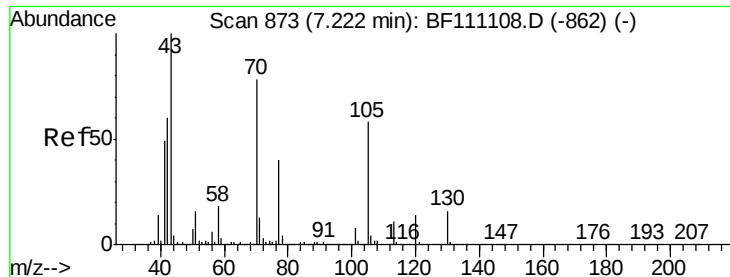
Ion Ratio Lower Upper

94 100

65 28.0 10.5 50.5

66 35.1 19.8 59.8

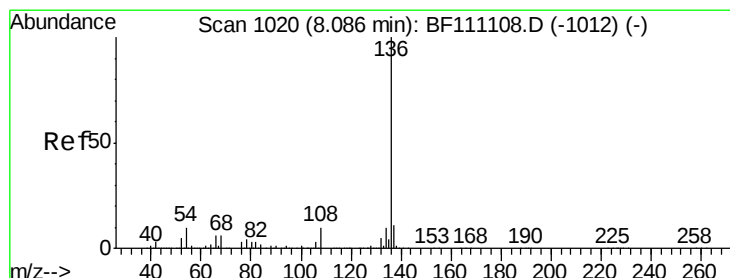
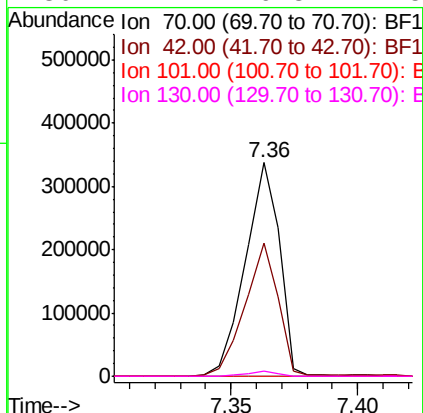
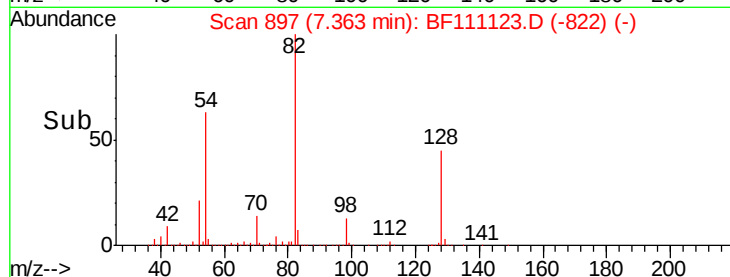
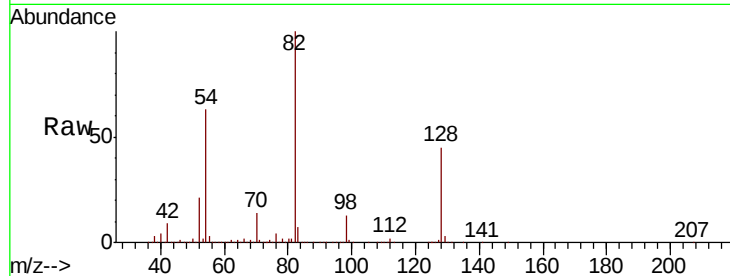




#19
n-Nitroso-di-n-propylamine
Concen: 11.685 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

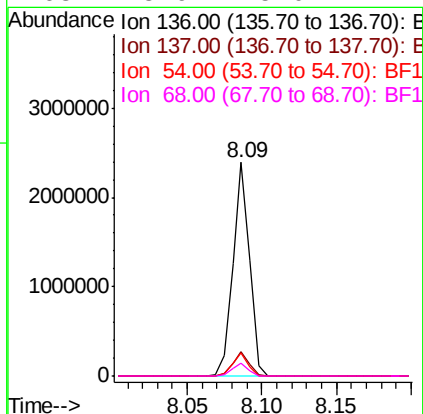
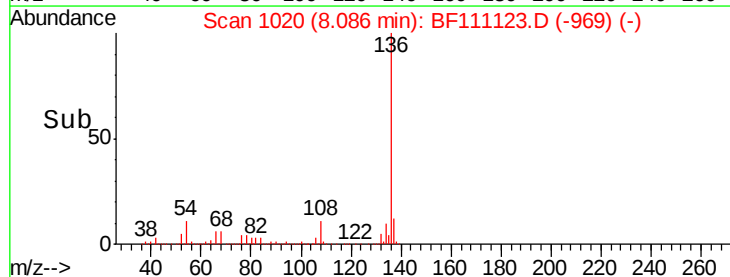
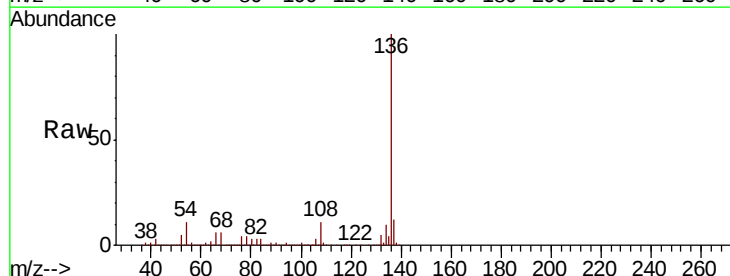
Instrument :
BNA_F
ClientSampled :
RO-331

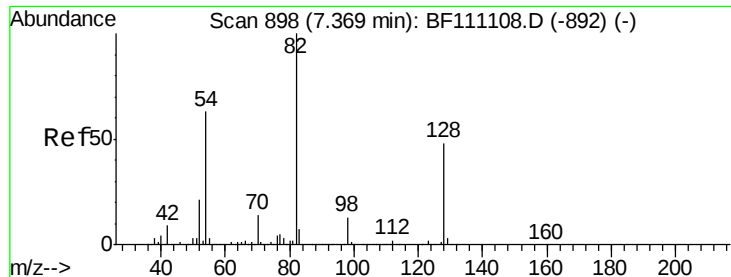
Tgt Ion: 70 Resp: 316772
Ion Ratio Lower Upper
70 100
42 62.1 61.3 91.9
101 0.0 7.7 11.5#
130 2.2 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion: 136 Resp: 1878300
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.6 8.4 12.6
68 5.9 5.0 7.4

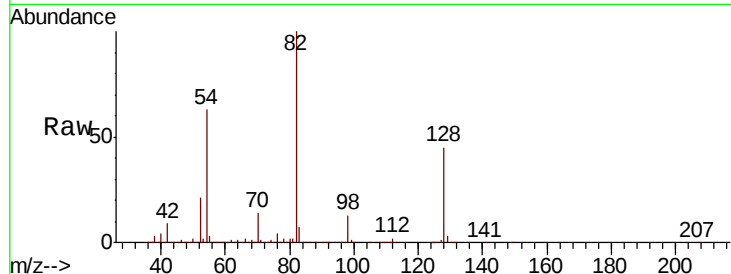




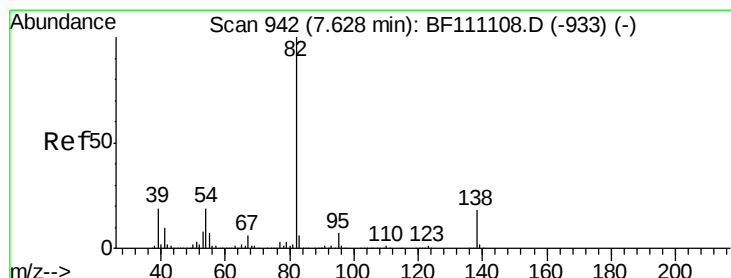
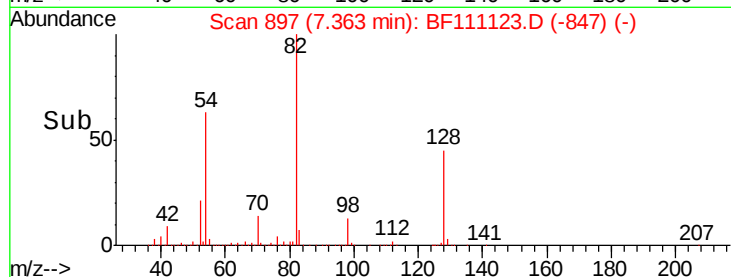
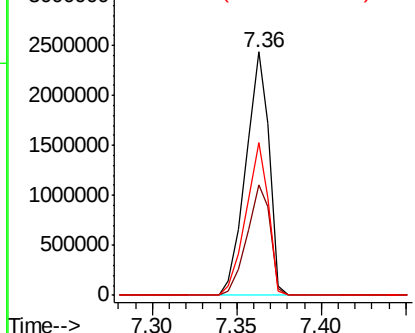
#23
Nitrobenzene-d5
Concen: 73.791 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
RO-331

Tgt Ion: 82 Resp: 2341095
Ion Ratio Lower Upper
82 100
128 45.2 38.1 57.1
54 63.0 50.3 75.5

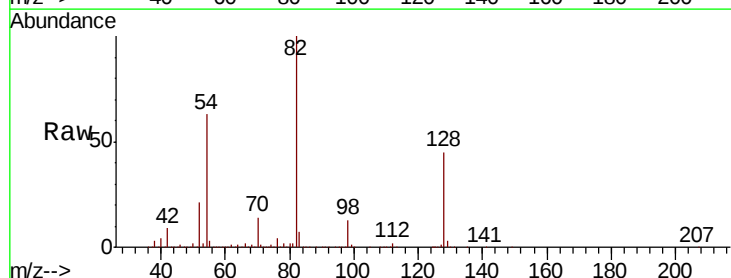


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

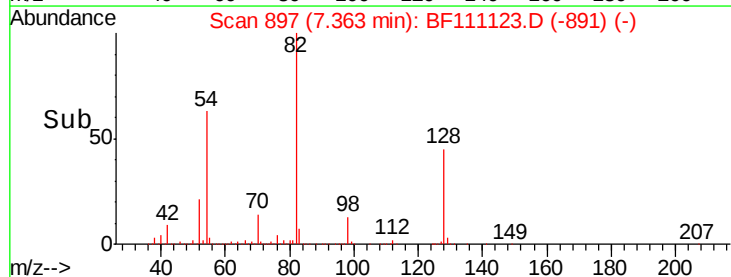
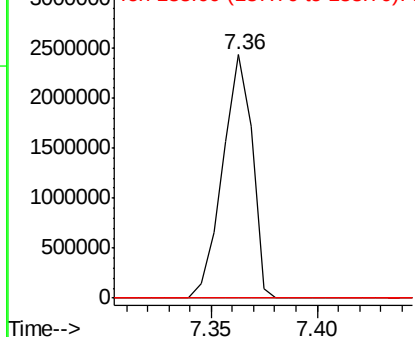


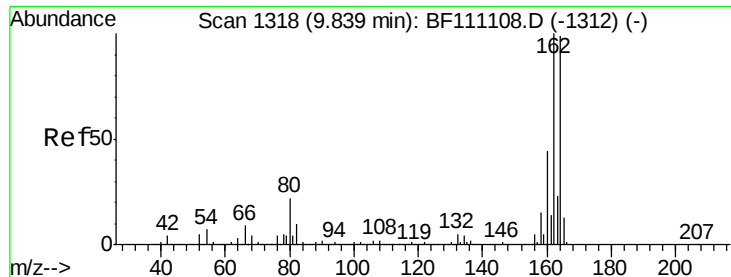
#25
Isophorone
Concen: 40.110 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion: 82 Resp: 2335401
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

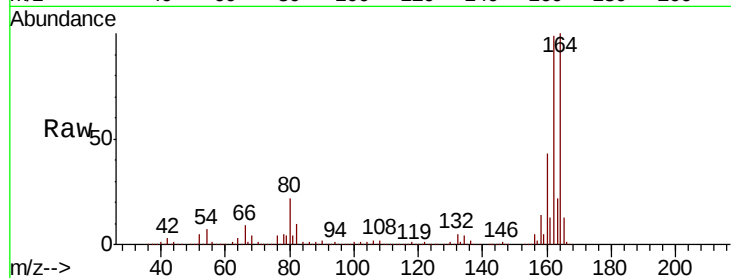




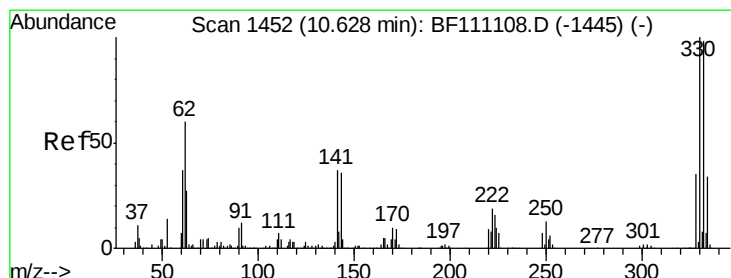
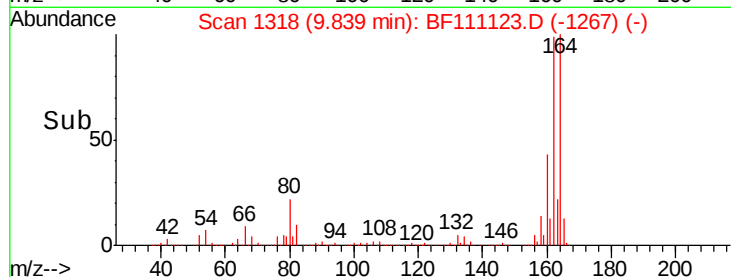
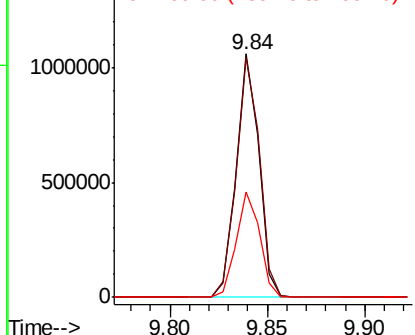
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampled :
RO-331

Tgt Ion:164 Resp: 852151
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 43.4 35.5 53.3

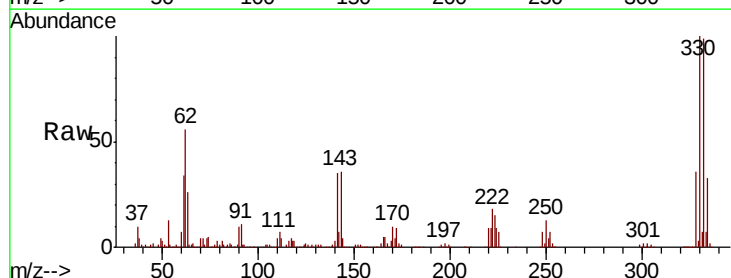


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

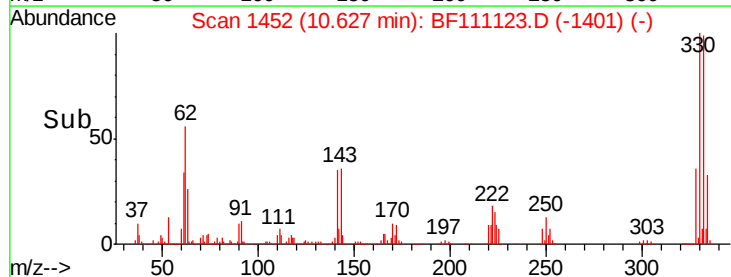
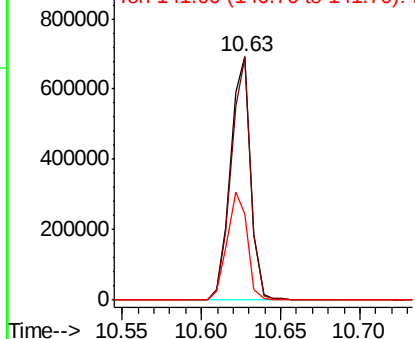


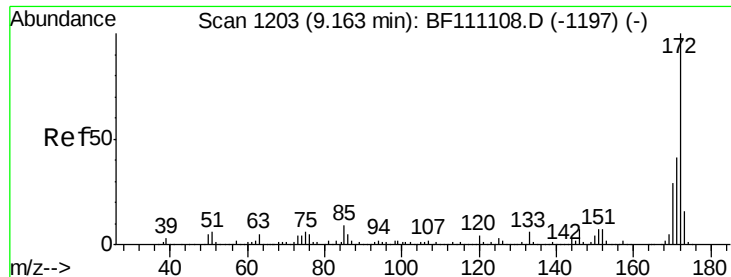
#42
2,4,6-Tribromophenol
Concen: 90.655 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion:330 Resp: 614061
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 44.4 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

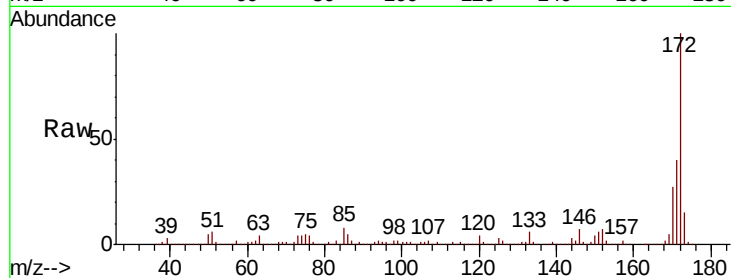




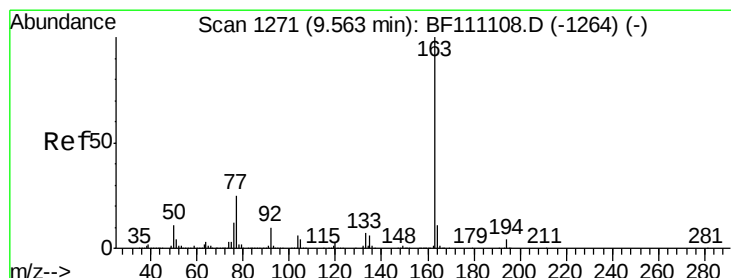
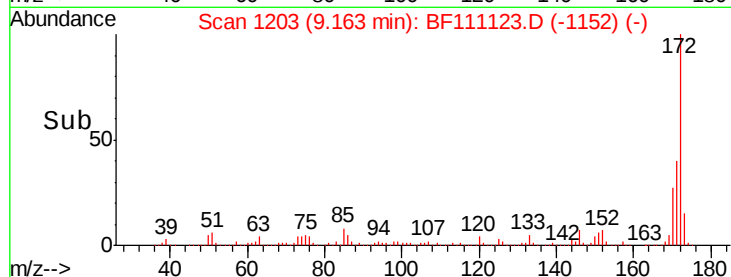
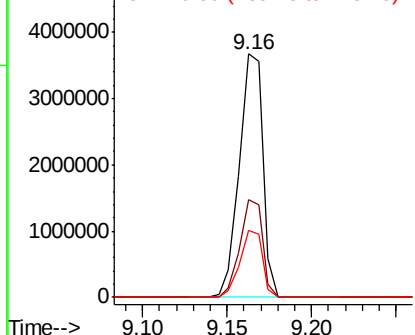
#45
2-Fluorobiphenyl
Concen: 76.341 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
RO-331

Tgt Ion:172 Resp: 3581833
Ion Ratio Lower Upper
172 100
171 40.0 33.2 49.8
170 27.5 22.9 34.3

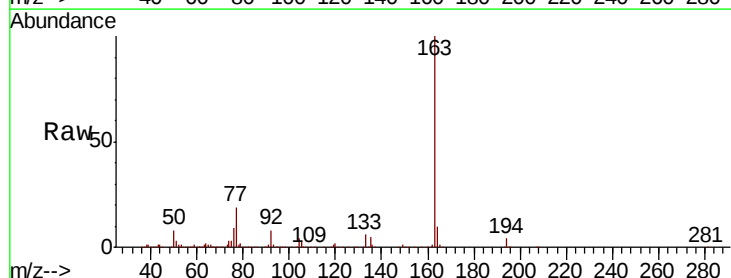


Abundance Ion 172.00 (171.70 to 172.70): E
5000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

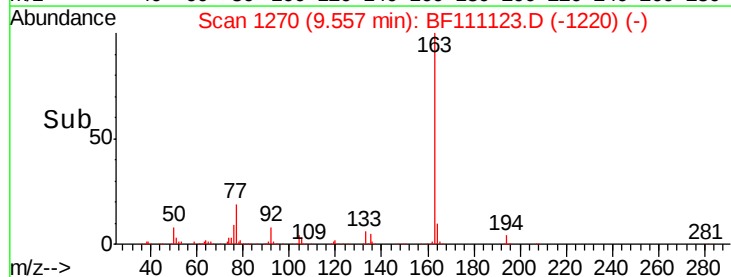
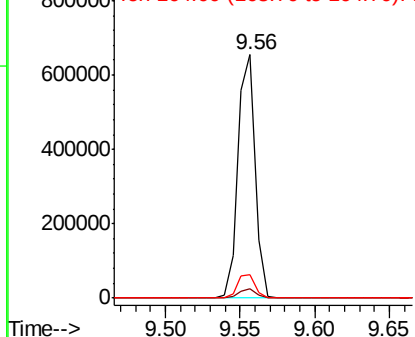


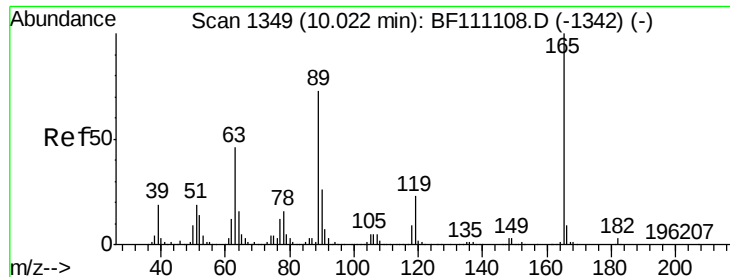
#50
Dimethylphthalate
Concen: 8.925 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion:163 Resp: 529324
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
800000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

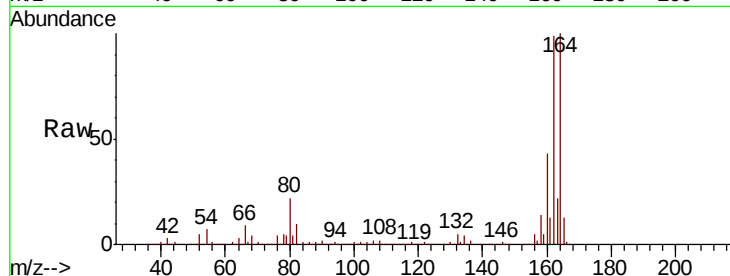




#57
 2,4-Dinitrotoluene
 Concen: 6.733 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111123.D
 Acq: 5 Dec 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 RO-331

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.5	58.4	87.6#
182	0.0	2.1	3.1#

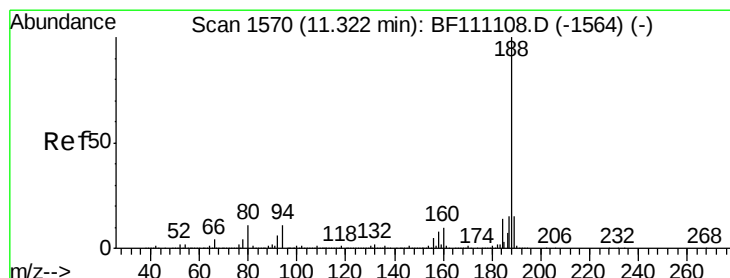
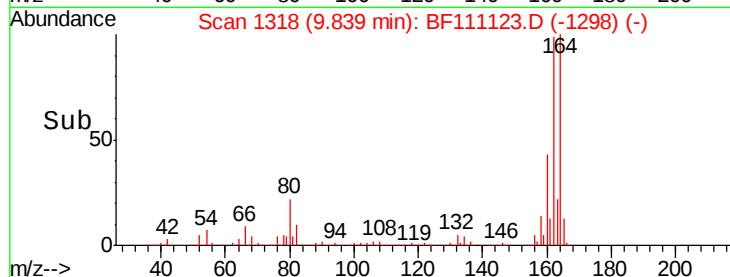
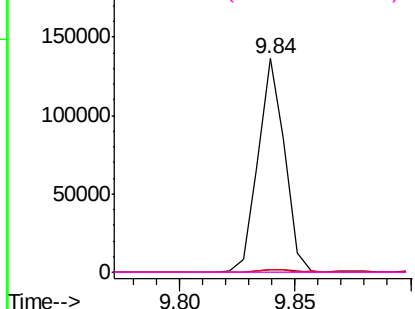


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

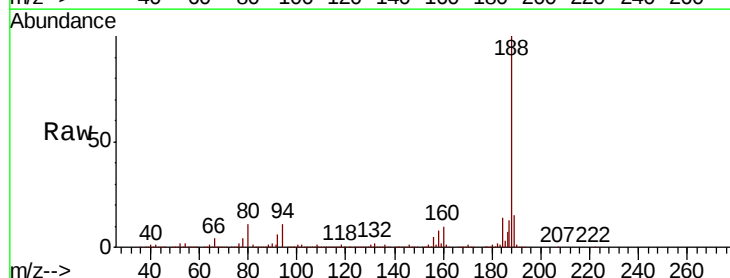
Ion 89.00 (88.70 to 89.70): BF1

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. -0.00 min
 Lab File: BF111123.D
 Acq: 5 Dec 2018 22:39

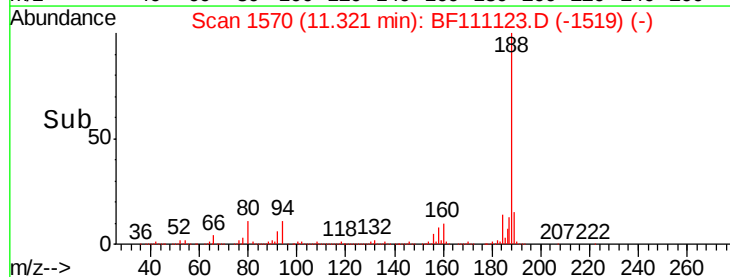
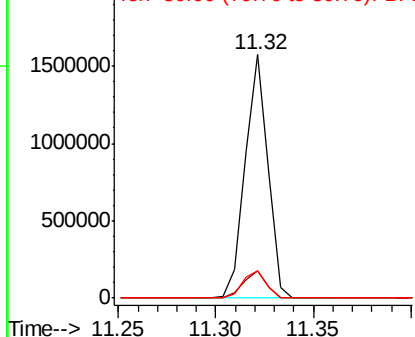
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.1	9.0	13.6

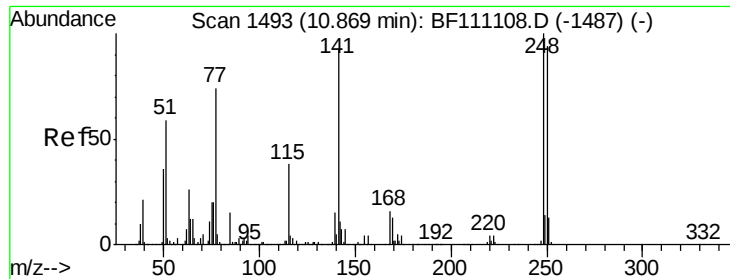


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

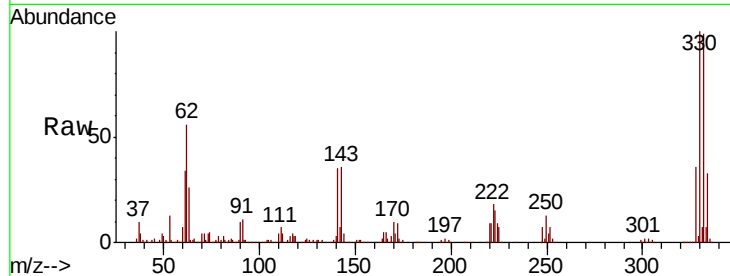




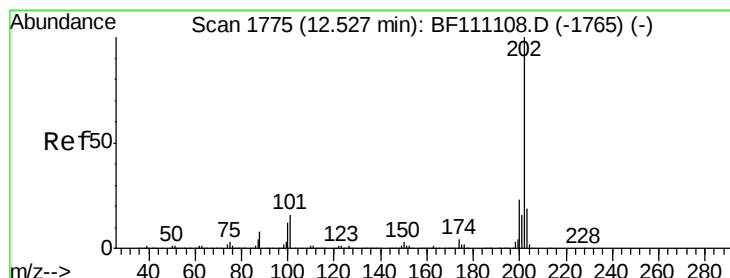
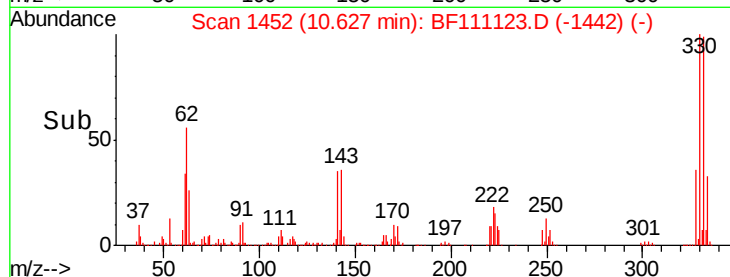
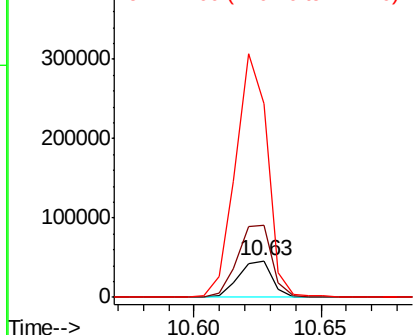
#67
 4-Bromophenyl-phenylether
 Concen: 3.145 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111123.D
 Acq: 5 Dec 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 RO-331

Tgt Ion:248 Resp: 42126
 Ion Ratio Lower Upper
 248 100
 250 197.6 75.4 113.0#
 141 527.8 73.8 110.6#

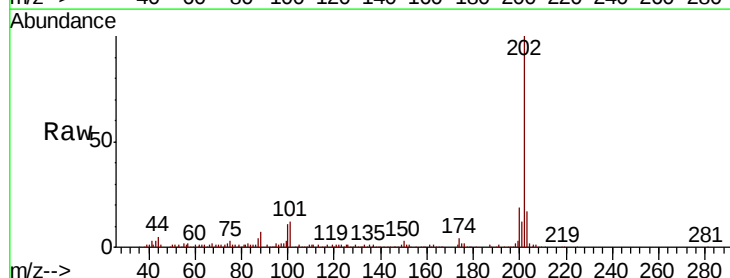


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

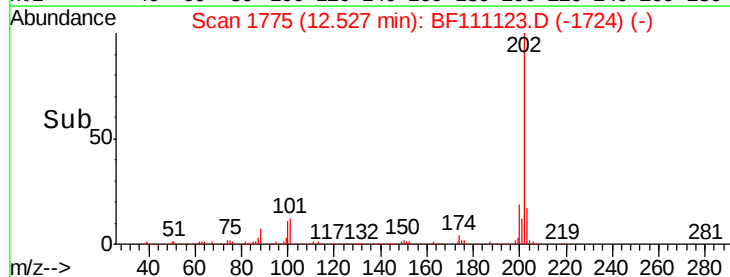
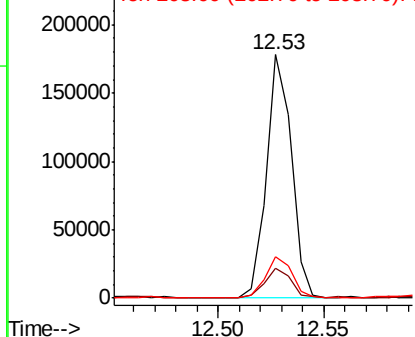


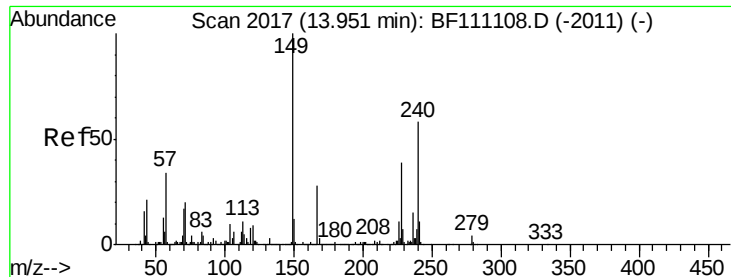
#75
 Fluoranthene
 Concen: 2.480 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF111123.D
 Acq: 5 Dec 2018 22:39

Tgt Ion:202 Resp: 147683
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 35.8
 203 17.2 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

RO-331

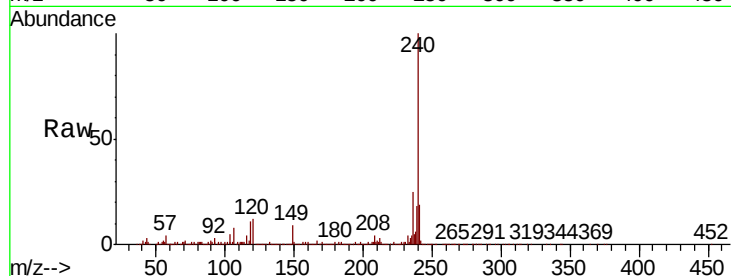
Tgt Ion:240 Resp: 916237

Ion Ratio Lower Upper

240 100

120 11.9 12.8 19.2#

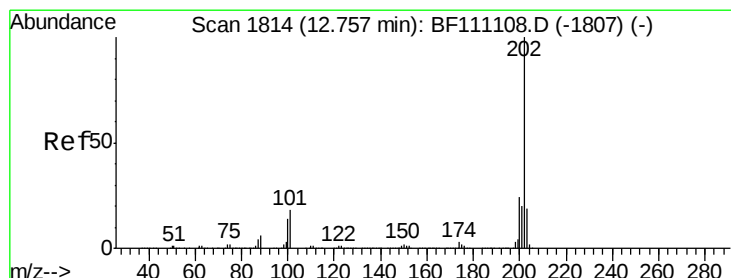
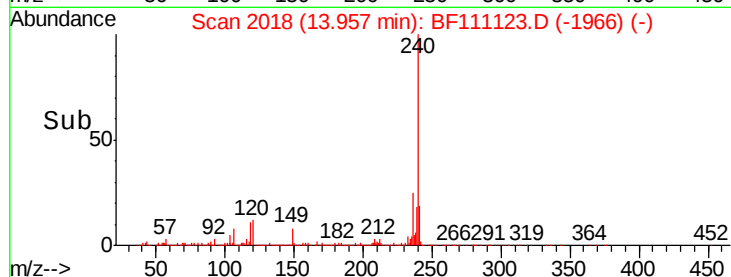
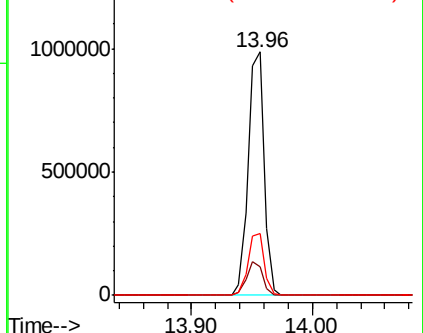
236 25.4 21.1 31.7



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



#78

Pyrene

Concen: 2.069 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.23 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

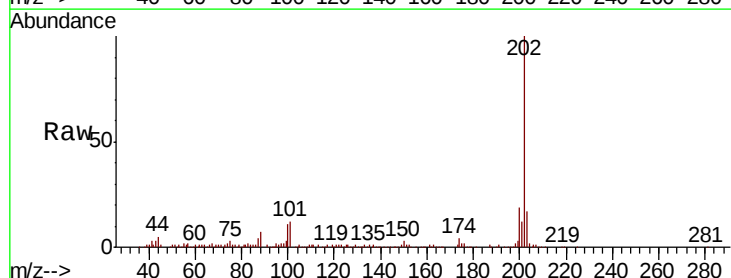
Tgt Ion:202 Resp: 147683

Ion Ratio Lower Upper

202 100

200 19.5 19.3 28.9

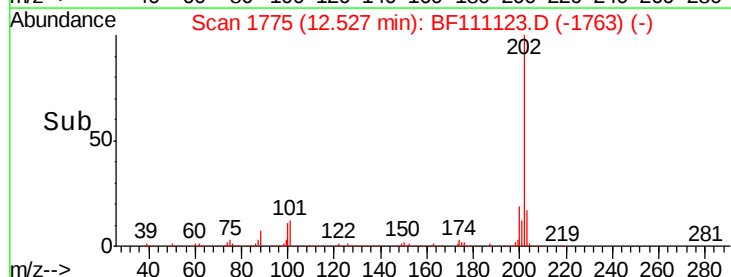
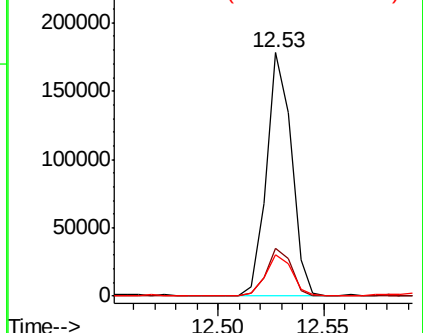
203 17.2 15.4 23.2

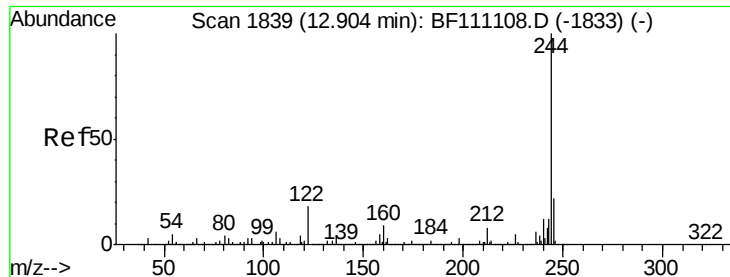


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

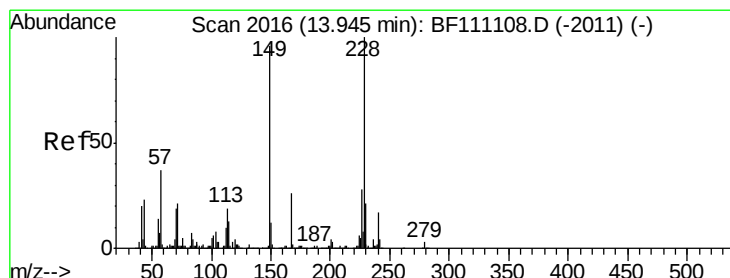
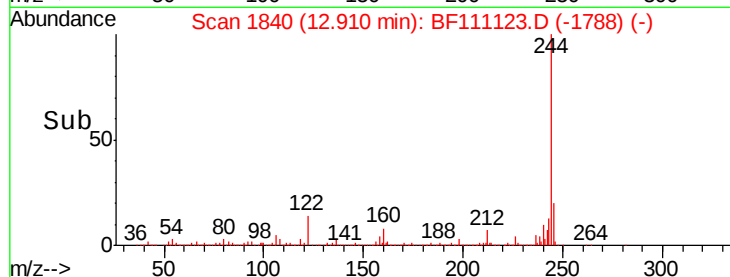
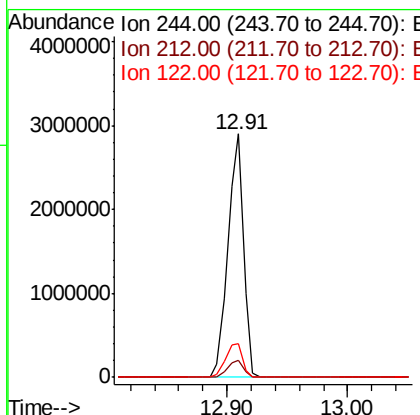
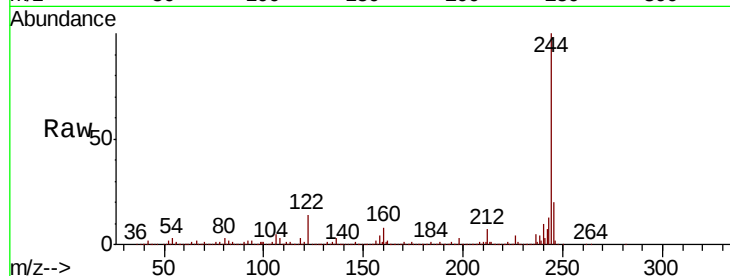




#79
 Terphenyl-d14
 Concen: 57.983 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111123.D
 Acq: 5 Dec 2018 22:39

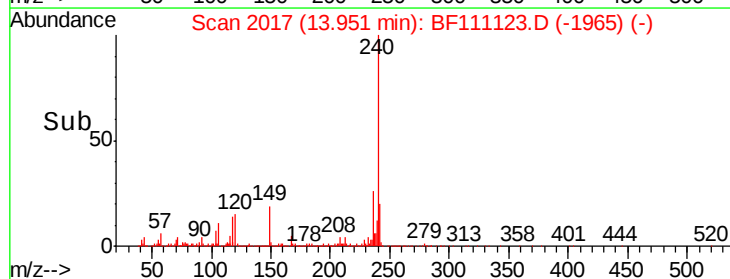
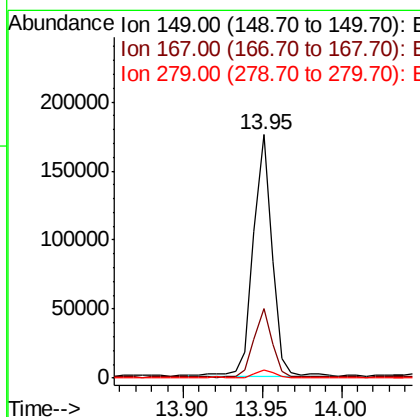
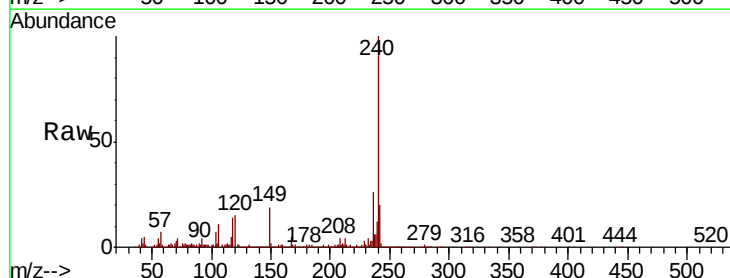
Instrument :
 BNA_F
 ClientSampleId :
 RO-331

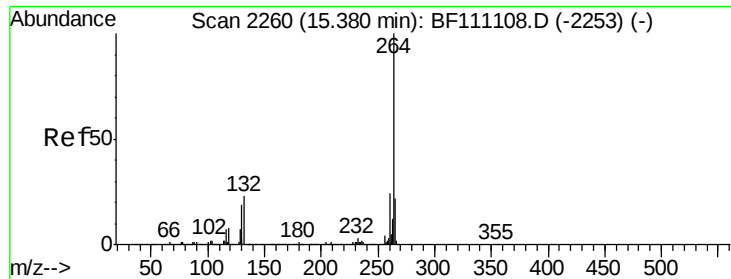
Tgt Ion:244 Resp: 2594073
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 9.8
 122 13.9 14.2 21.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.477 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111123.D
 Acq: 5 Dec 2018 22:39

Tgt Ion:149 Resp: 144831
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.6 32.4
 279 3.4 2.3 3.5

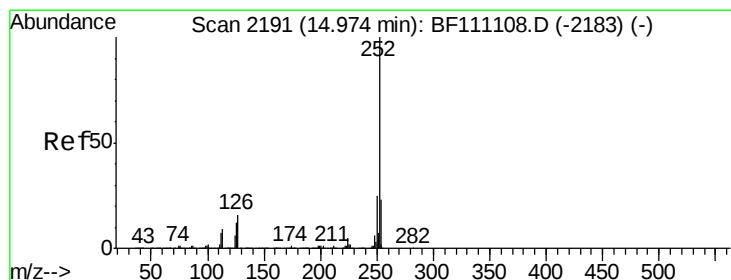
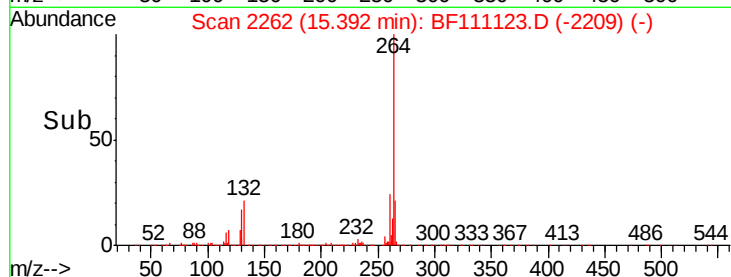
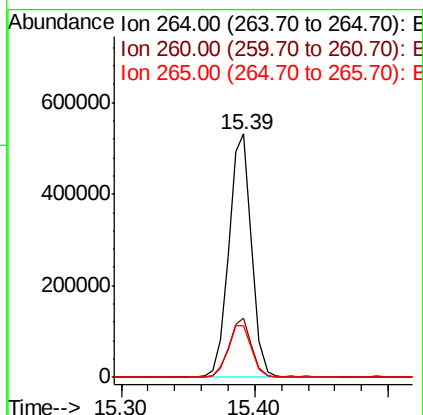
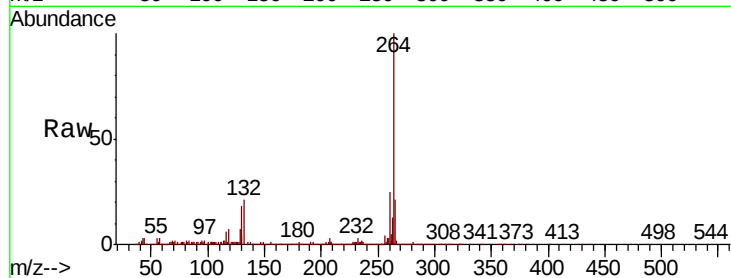




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

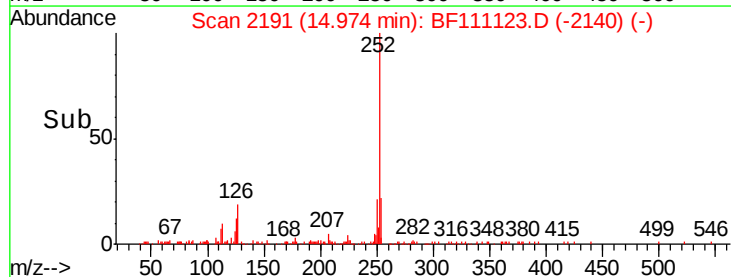
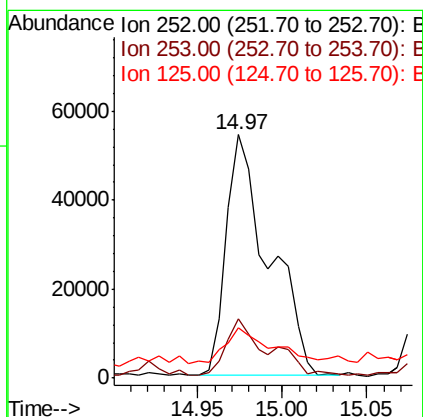
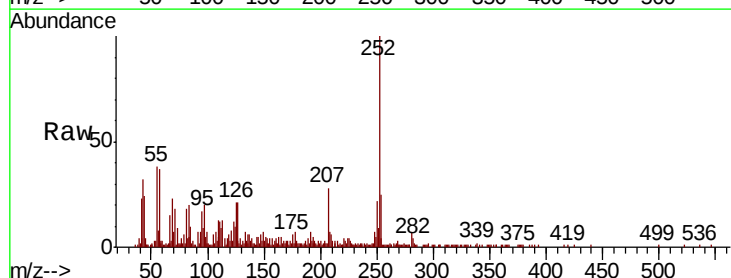
Instrument :
BNA_F
ClientSampleId :
RO-331

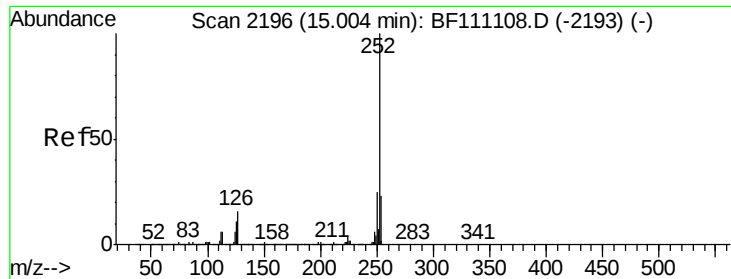
Tgt Ion:264 Resp: 633123
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.0
265 21.5 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 2.652 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF111123.D
Acq: 5 Dec 2018 22:39

Tgt Ion:252 Resp: 95142
Ion Ratio Lower Upper
252 100
253 24.6 18.5 27.7
125 20.9 9.9 14.9#





#89

Benzo(k)fluoranthene

Concen: 2.743 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.03 min

Lab File: BF111123.D

Acq: 5 Dec 2018 22:39

Instrument :

BNA_F

ClientSampleId :

RO-331

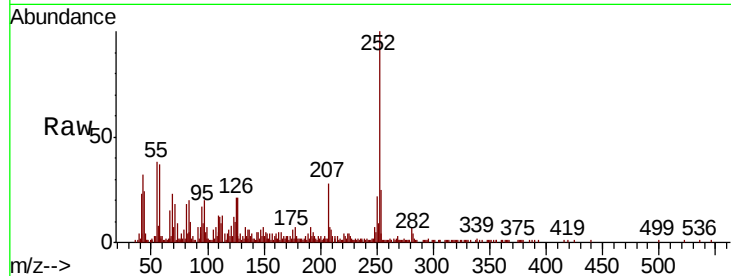
Tgt Ion:252 Resp: 95142

Ion Ratio Lower Upper

252 100

253 24.6 18.2 27.4

125 20.9 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

