

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102534.D
 Acq On : 28 Jan 2018 2:05
 Operator : SJ/JU
 Sample : J1325-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

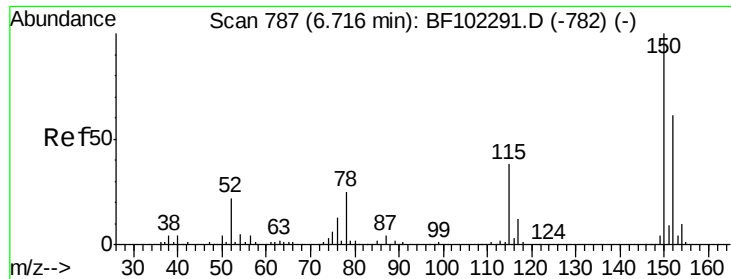
Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

Quant Time: Jan 28 02:39:56 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	183232	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	718786	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	273697	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	389970	20.00	ng	0.00
75) Chrysene-d12	13.87	240	328838	20.00	ng	0.00
86) Perylene-d12	15.30	264	265719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1240443	102.65	ng	0.01
7) Phenol-d6	6.36	99	1499805	102.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	913556	73.04	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	205365	75.73	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1325449	71.21	ng	0.00
78) Terphenyl-d14	12.82	244	811264	55.62	ng	0.00
Target Compounds						
10) Phenol	6.37	94	70827	4.453	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	119742	13.430	ng	# 76
25) Isophorone	7.29	82	907561	40.701	ng	# 64
49) Dimethylphthalate	9.47	163	261142	11.543	ng	99
56) 2,4-Dinitrotoluene	9.75	165	34737	5.791	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	13709	3.266	ng	# 1
87) Benzo(b)fluoranthene	14.89	252	57542	3.341	ng	# 89
88) Benzo(k)fluoranthene	14.89	252	57542	3.536	ng	# 92

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

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Sample    : J1325-07  
Misc      :  
ALS Vial  : 23    Sample Multiplier: 1
```

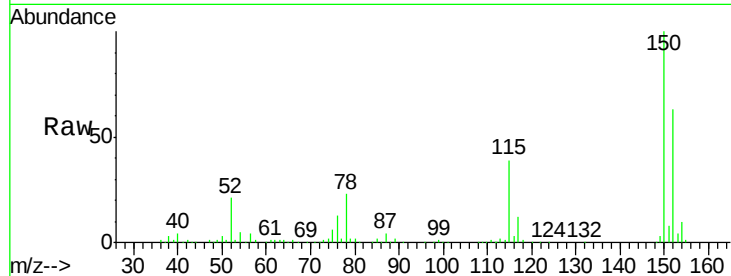


#1

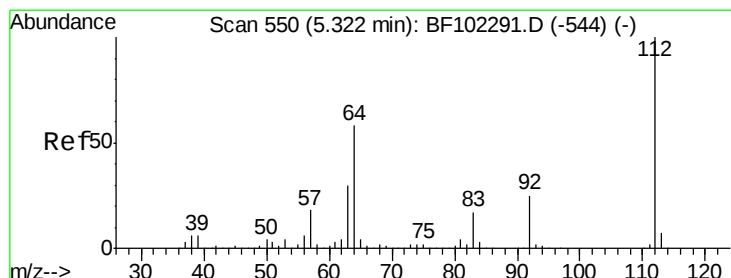
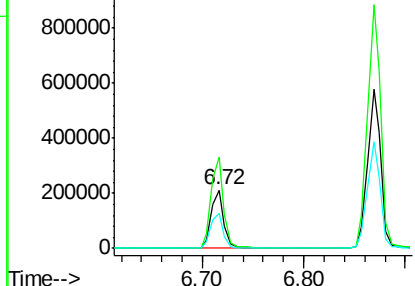
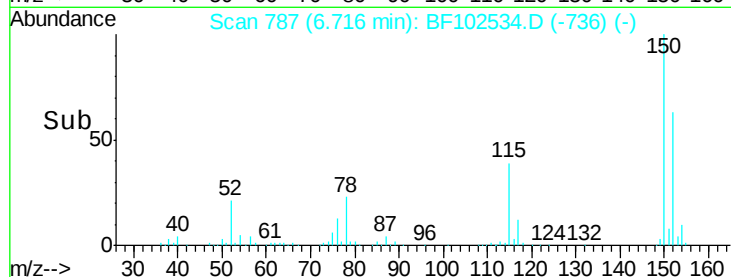
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Instrument :
BNA_F
ClientSampled :
RO-2334

Tgt Ion:152 Resp: 183232
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 60.9 50.1 75.1



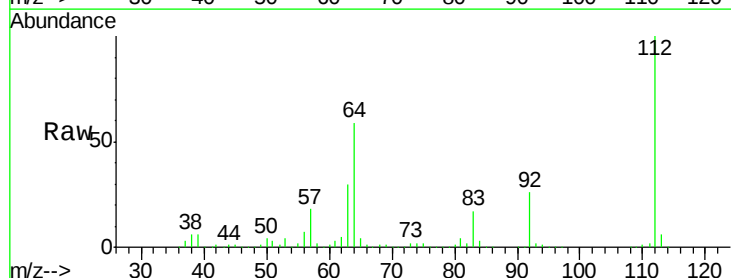
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



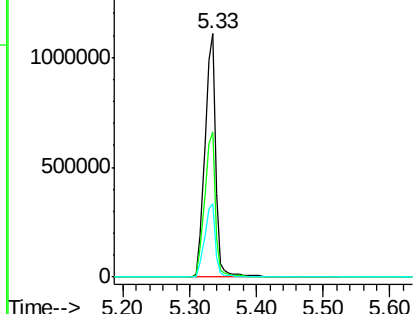
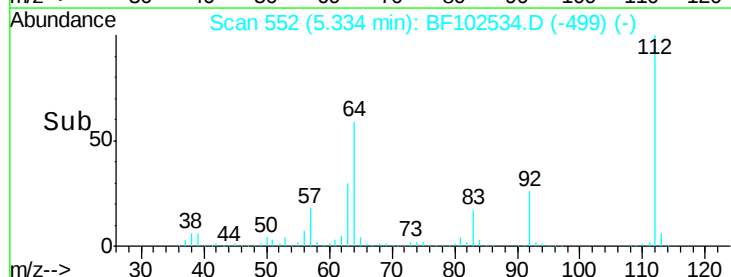
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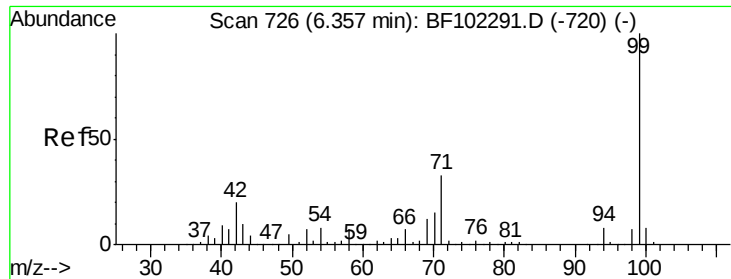
2-Fluorophenol
Concen: 102.648 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Tgt Ion:112 Resp: 1240443
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.1 23.7 35.5



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: 102.946 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102534.D

Acq: 28 Jan 2018 2:05

Instrument :

BNA_F

ClientSampleId :

RO-2334

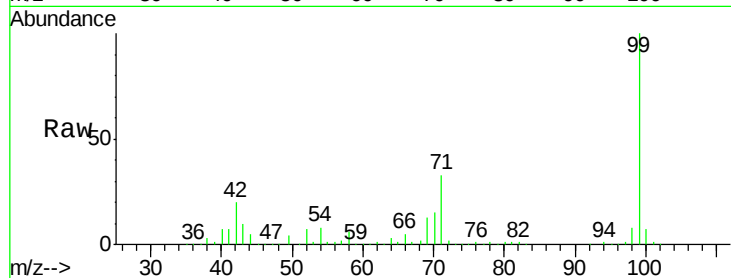
Tgt Ion: 99 Resp: 1499805

Ion Ratio Lower Upper

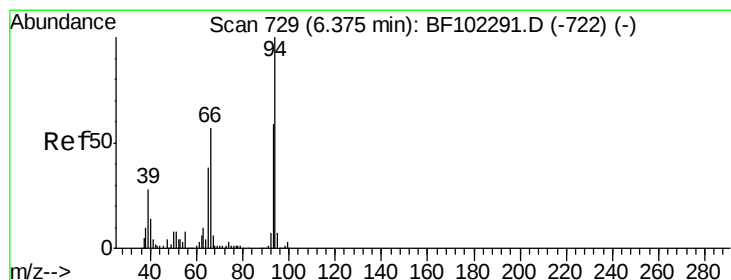
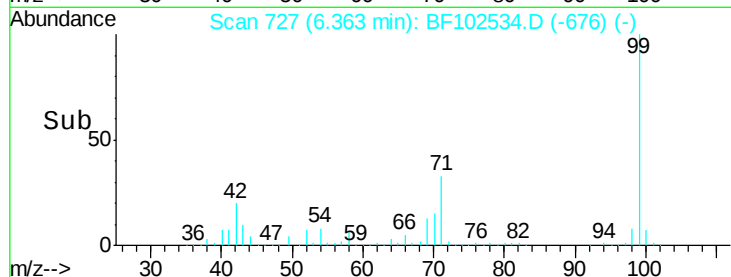
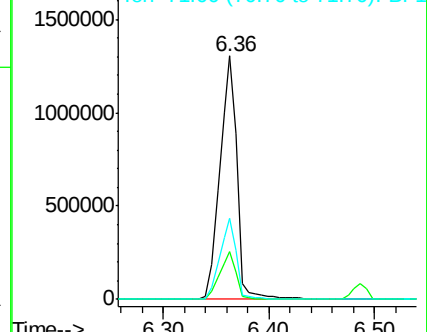
99 100

42 19.6 14.5 21.7

71 33.1 25.4 38.0



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: 4.453 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102534.D

Acq: 28 Jan 2018 2:05

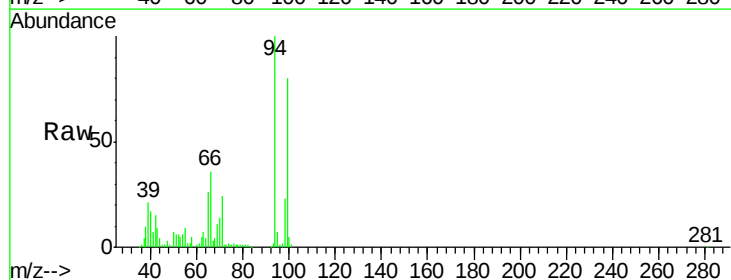
Tgt Ion: 94 Resp: 70827

Ion Ratio Lower Upper

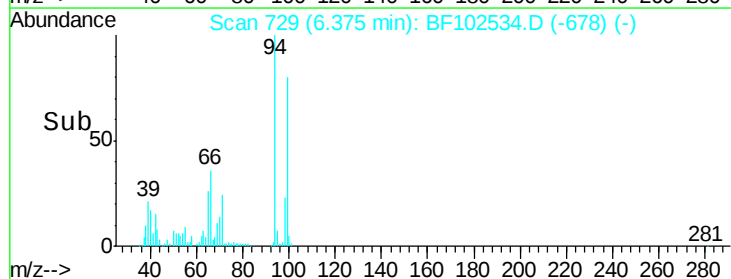
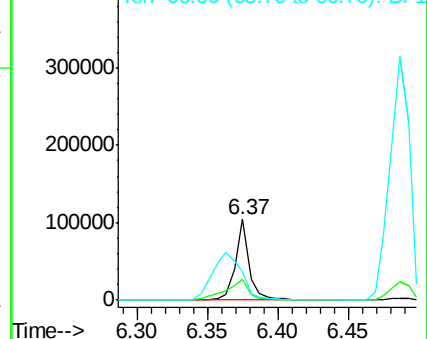
94 100

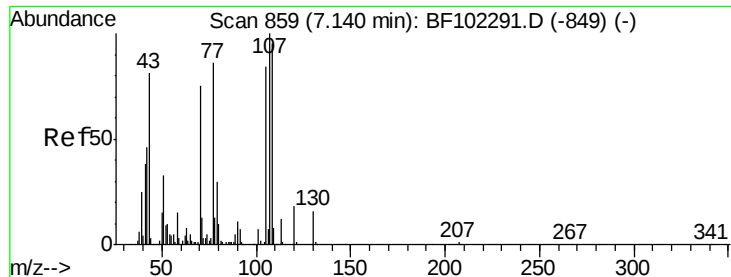
65 26.4 7.9 47.9

66 35.9 16.2 56.2



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

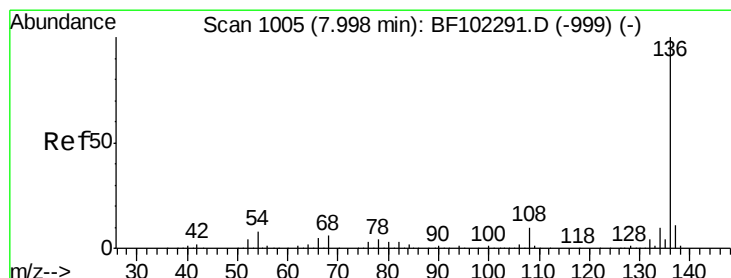
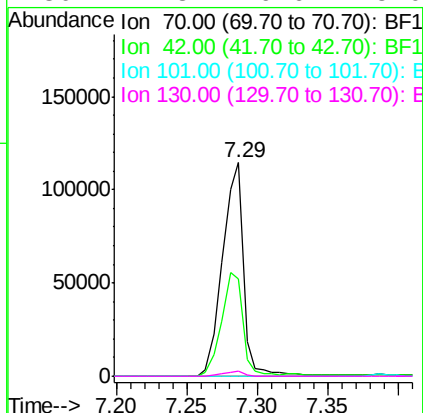
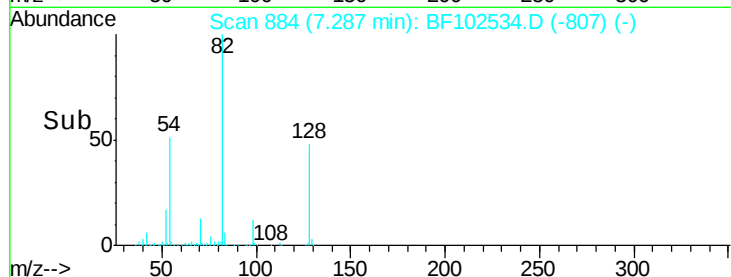
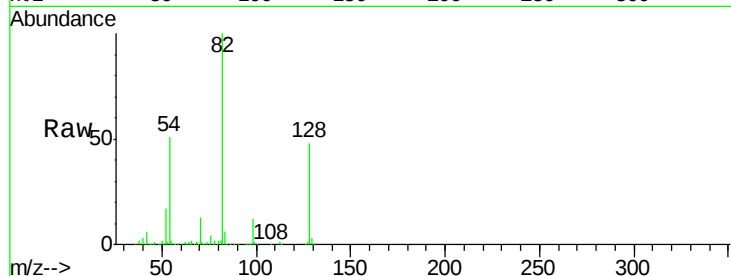




#19
n-Nitroso-di-n-propylamine
Concen: 13.430 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

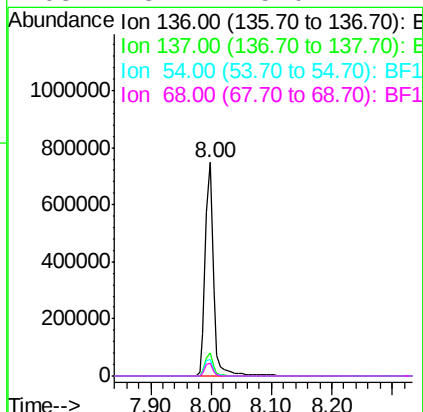
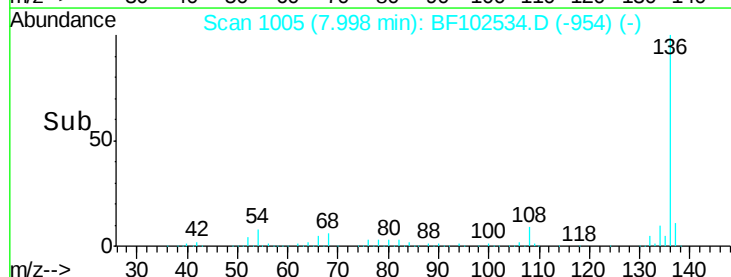
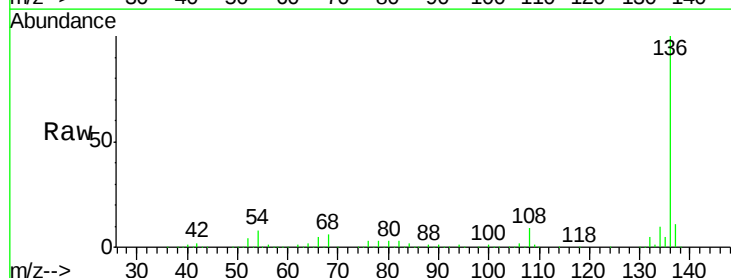
Instrument :
BNA_F
ClientSampleId :
RO-2334

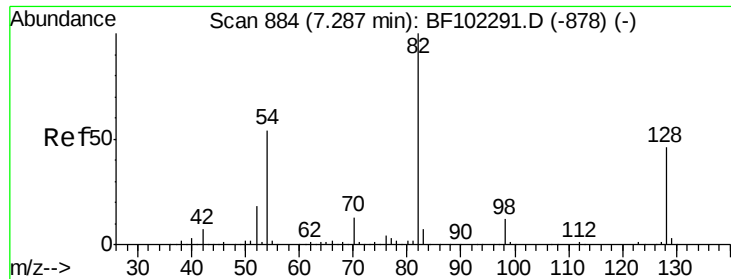
Tgt Ion: 70 Resp: 119742
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Tgt Ion: 136 Resp: 718786
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.7 6.6 9.8
68 5.7 5.0 7.4

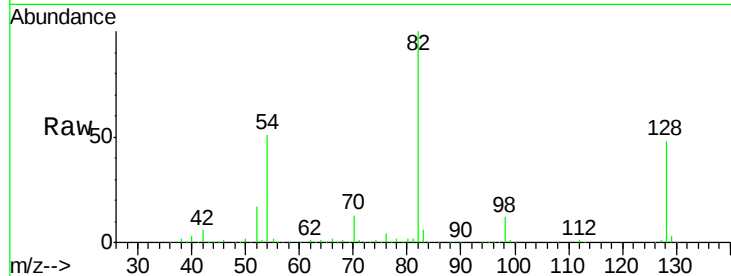




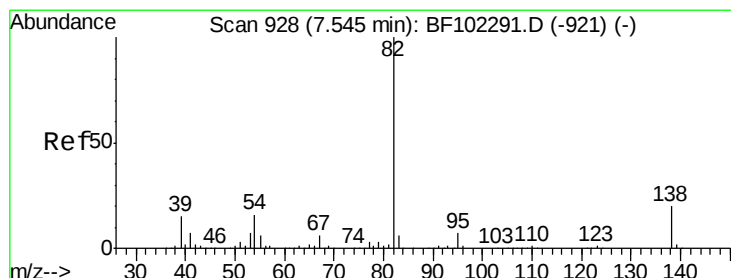
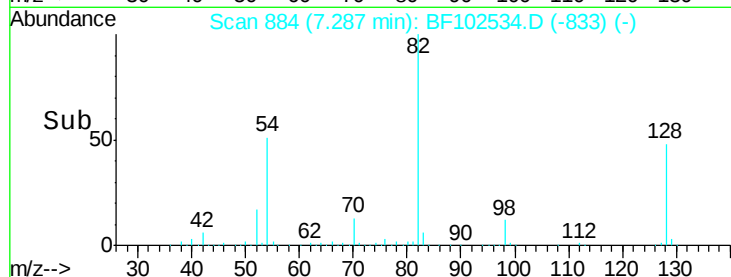
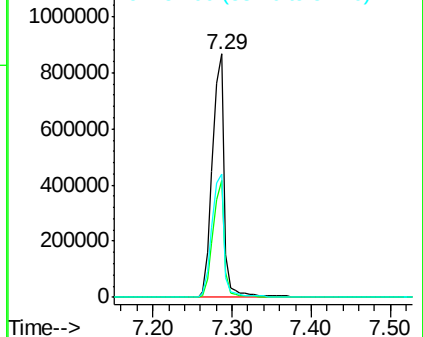
#23
 Nitrobenzene-d5
 Concen: 73.039 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

Tgt Ion: 82 Resp: 913556
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 50.8 41.4 62.2

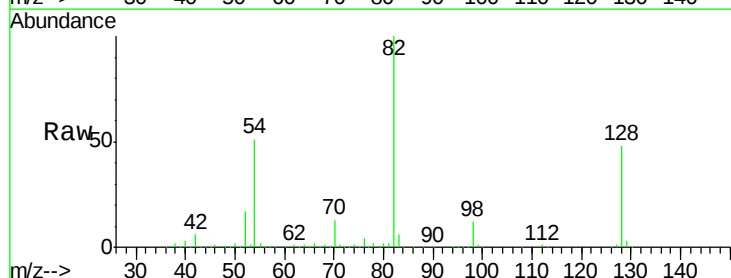


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

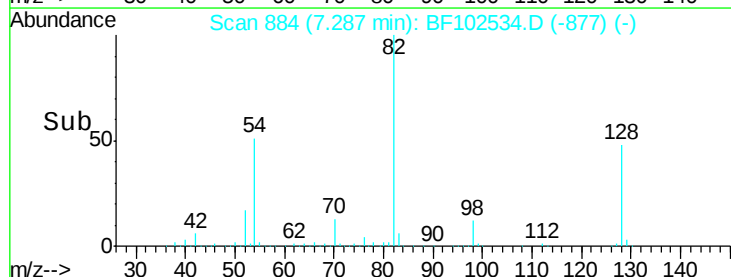
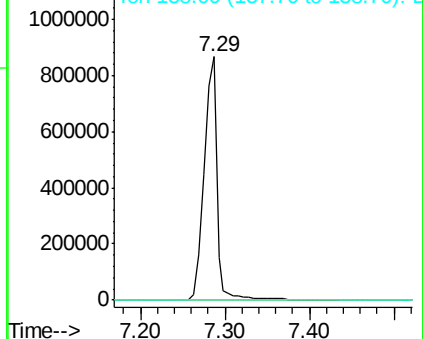


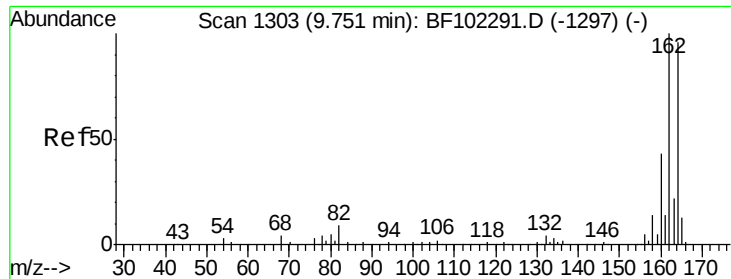
#25
 Isophorone
 Concen: 40.701 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Tgt Ion: 82 Resp: 907561
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



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

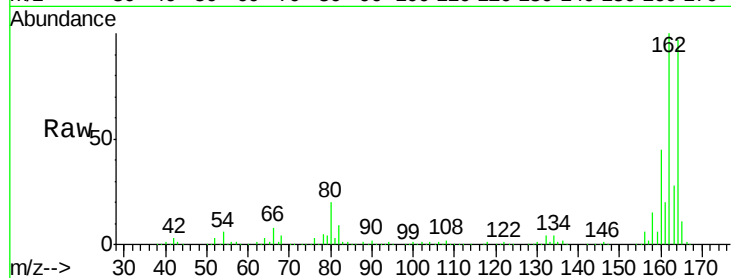




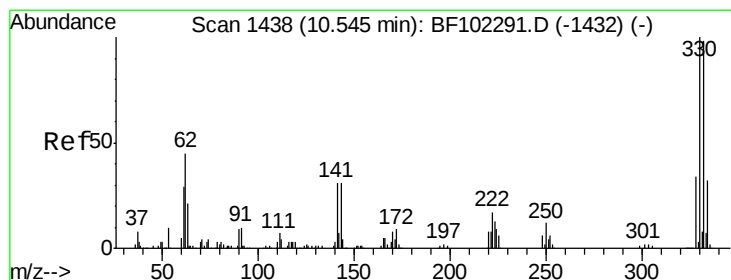
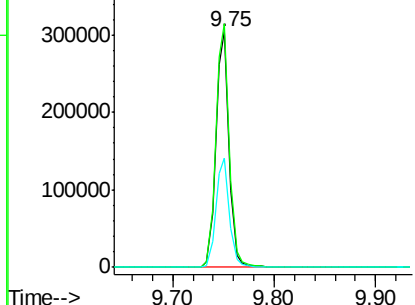
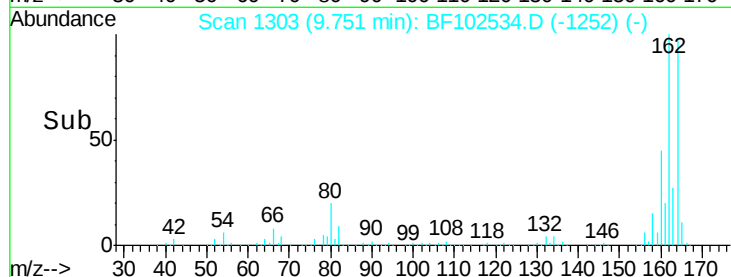
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

Tgt Ion:164 Resp: 273697
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 46.2 38.3 57.5

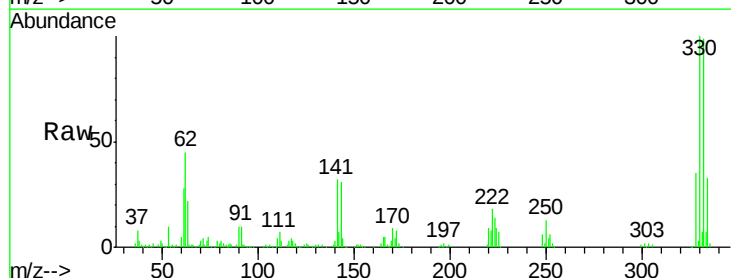


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

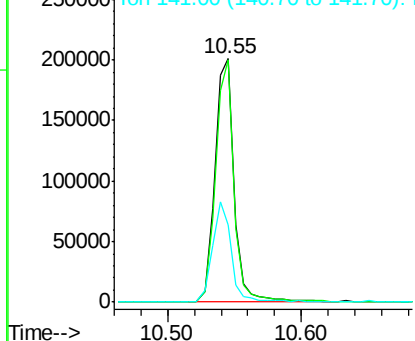
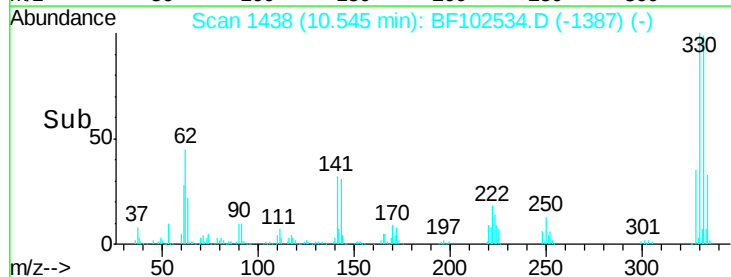


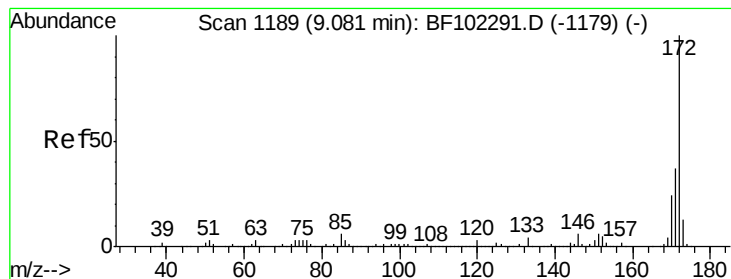
#41
 2,4,6-Tribromophenol
 Concen: 75.726 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Tgt Ion:330 Resp: 205365
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 40.5 29.9 44.9



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





#44

2-Fluorobiphenyl

Concen: 71.206 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF102534.D

Acq: 28 Jan 2018 2:05

Instrument :

BNA_F

ClientSampleId :

RO-2334

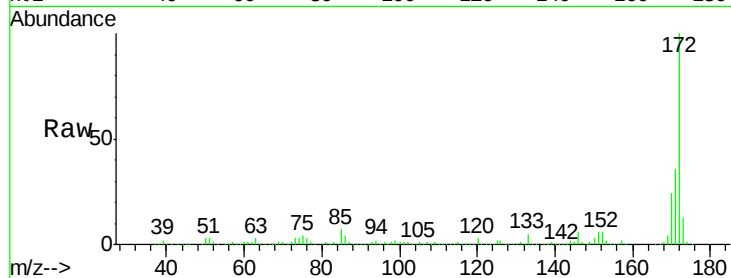
Tgt Ion:172 Resp: 1325449

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

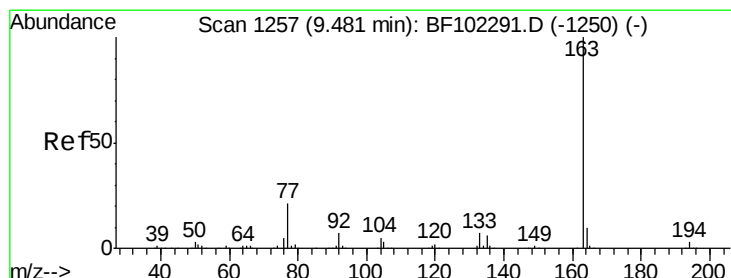
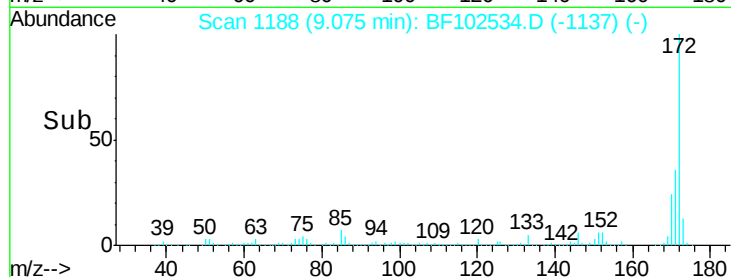
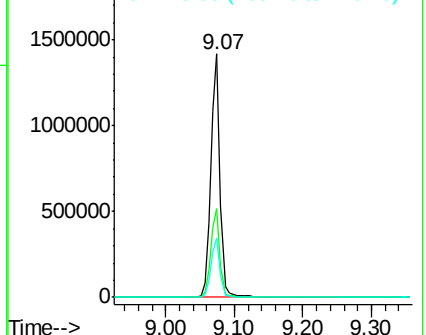
170 24.1 19.6 29.4



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



#49

Dimethylphthalate

Concen: 11.543 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102534.D

Acq: 28 Jan 2018 2:05

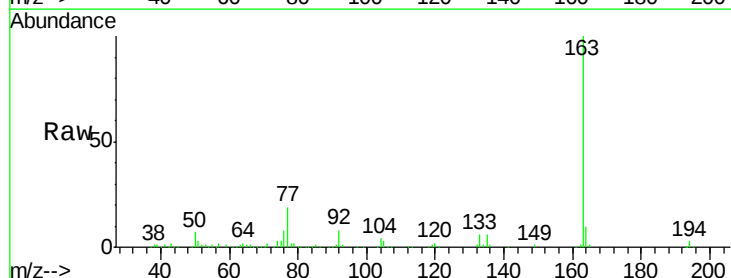
Tgt Ion:163 Resp: 261142

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

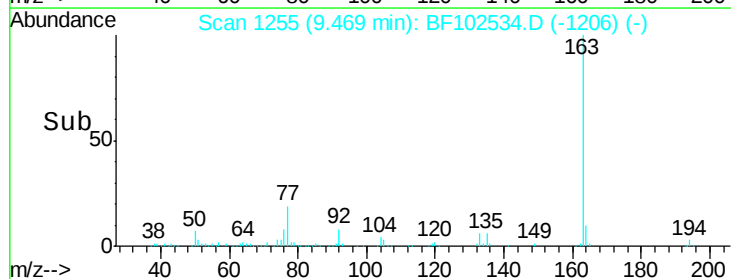
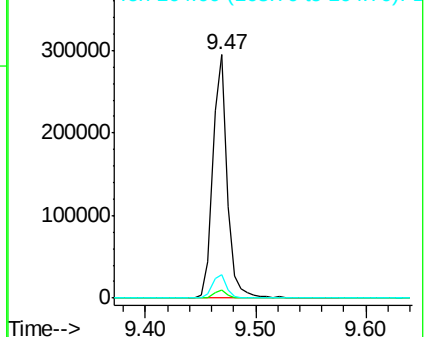
164 9.8 8.2 12.2

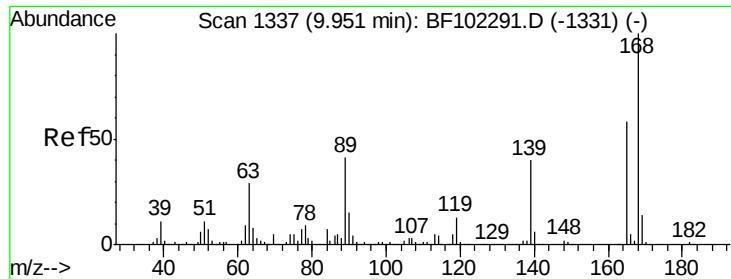


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

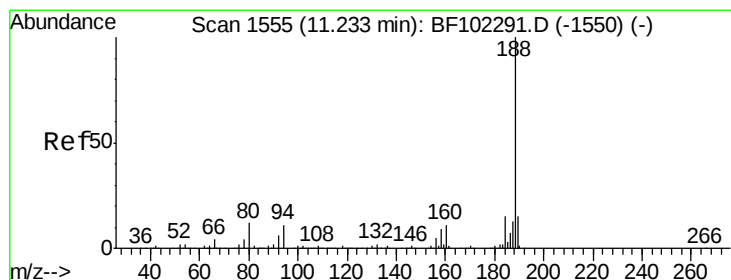
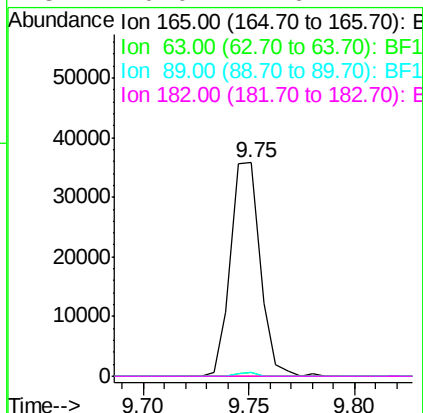
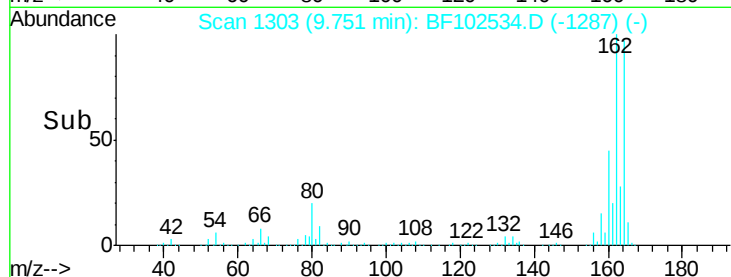
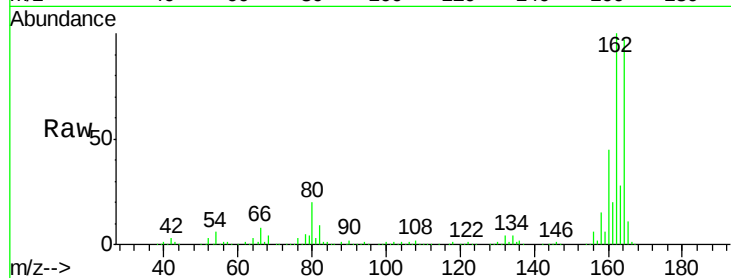




#56
 2,4-Dinitrotoluene
 Concen: 5.791 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

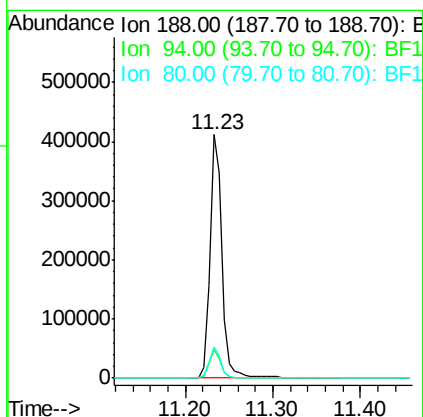
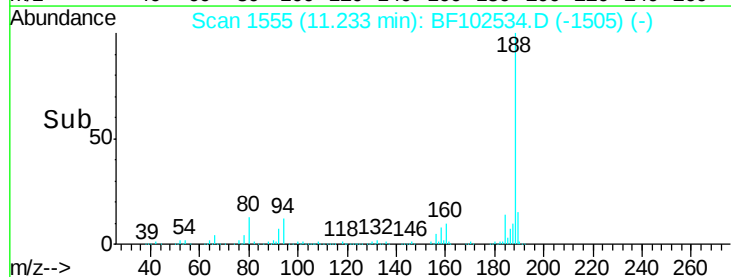
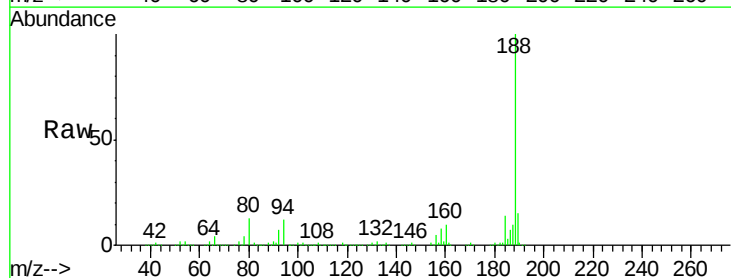
Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

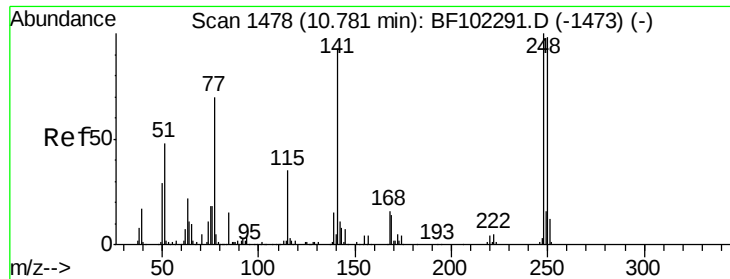
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.9	9.2	13.8

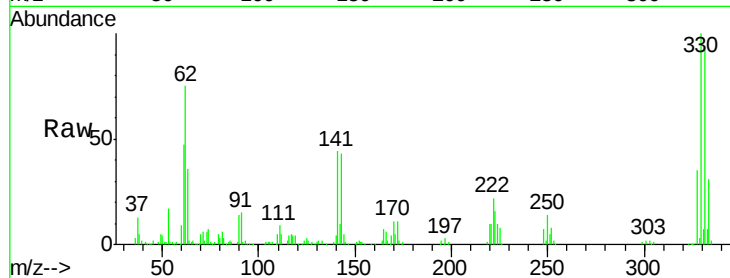




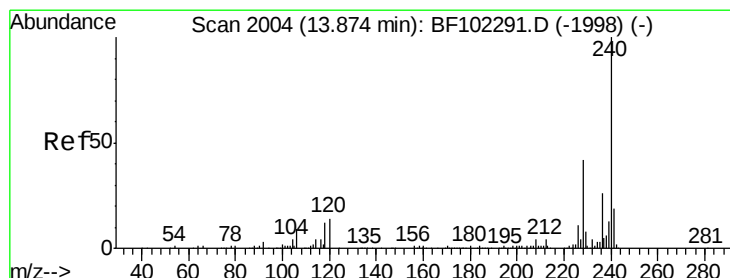
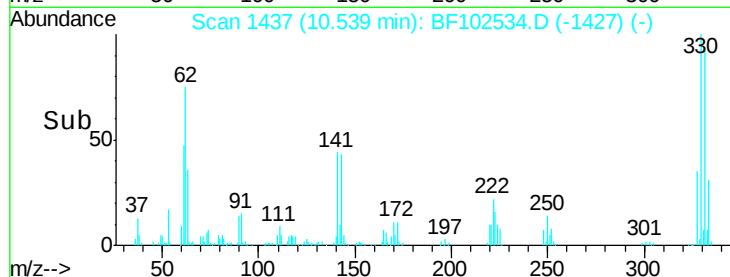
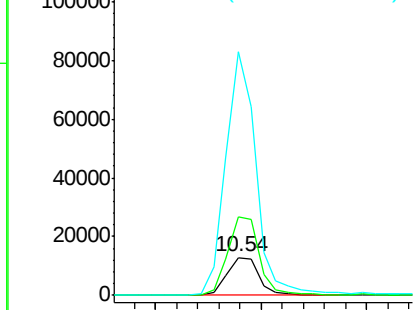
#66
 4-Bromophenyl-phenylether
 Concen: 3.266 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

Tgt Ion:248 Resp: 13709
 Ion Ratio Lower Upper
 248 100
 250 207.0 76.9 115.3#
 141 639.6 74.4 111.6#

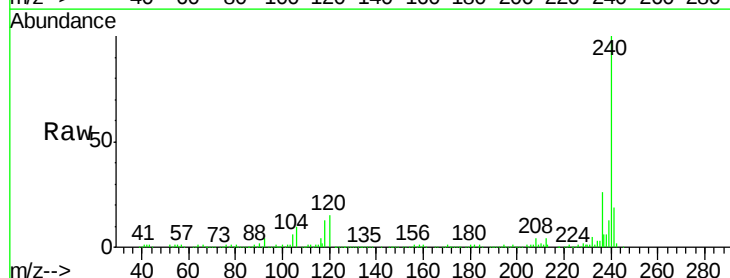


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

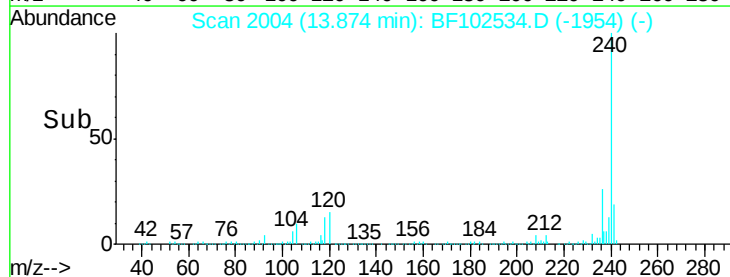
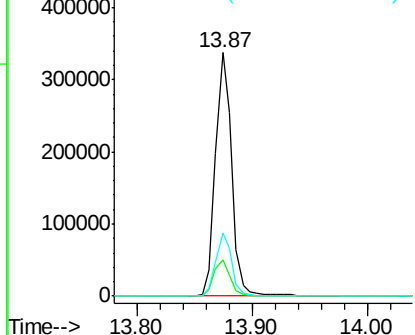


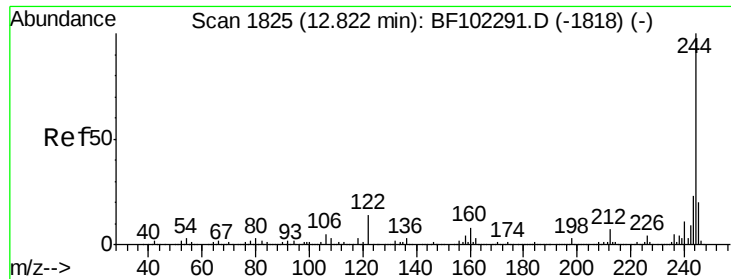
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Tgt Ion:240 Resp: 328838
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 26.1 20.7 31.1



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

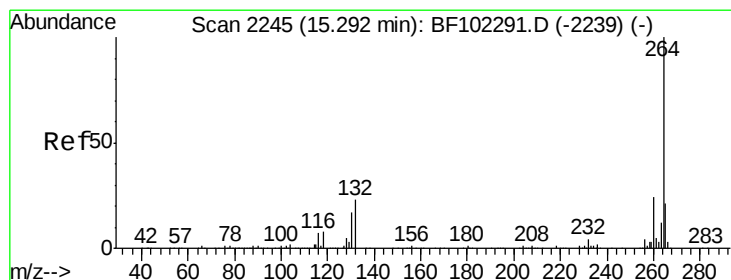
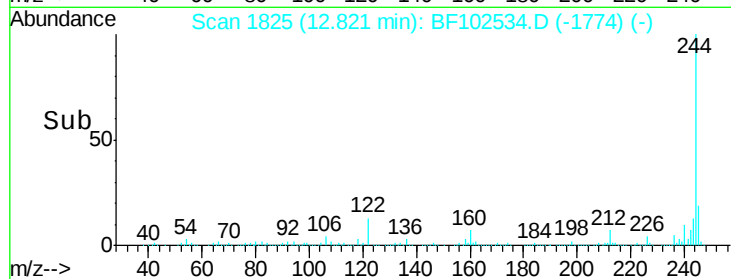
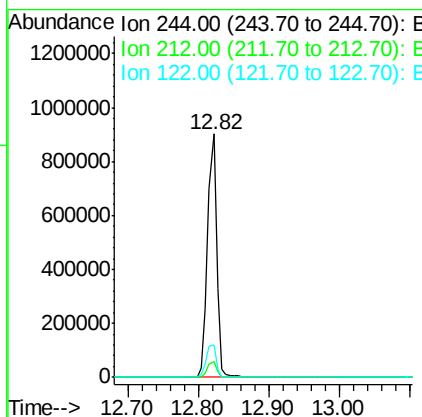
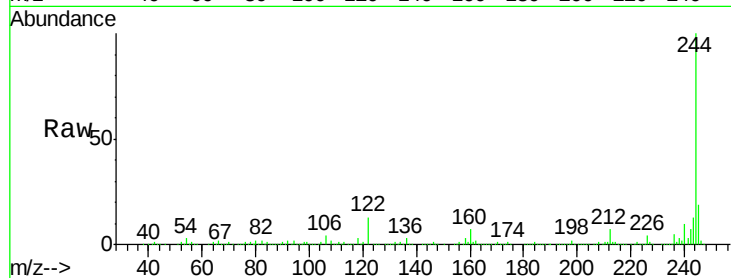




#78
 Terphenyl-d14
 Concen: 55.616 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

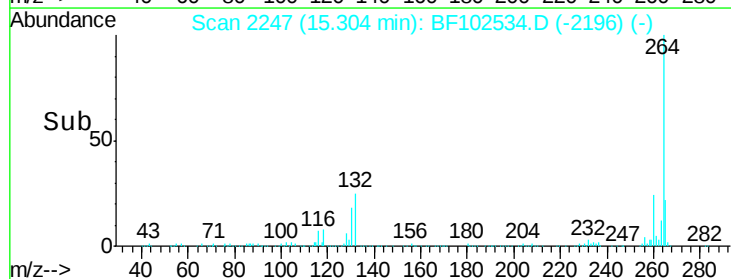
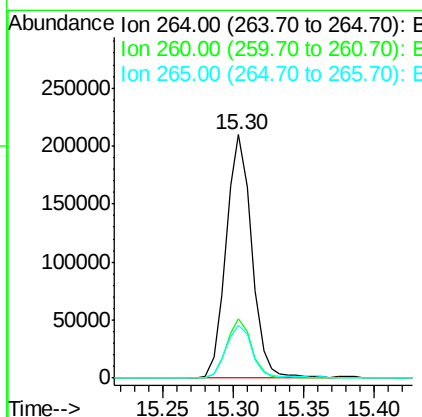
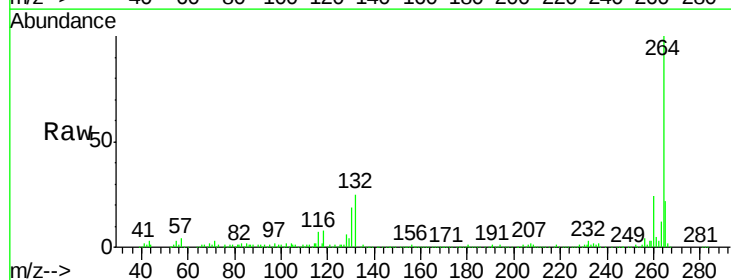
Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

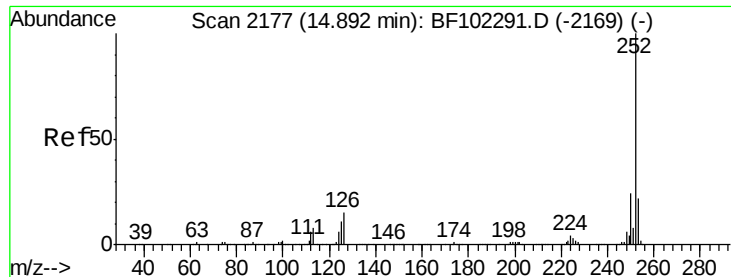
Tgt Ion: 244 Resp: 811264
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Tgt Ion: 264 Resp: 265719
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.8 17.5 26.3

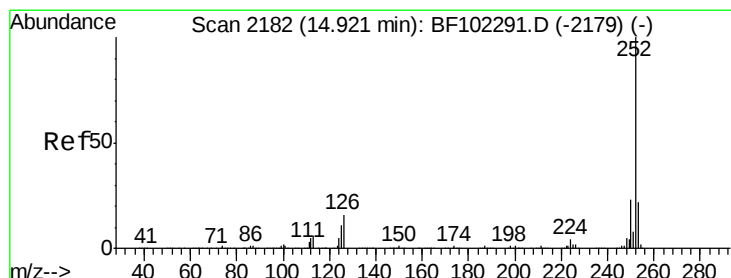
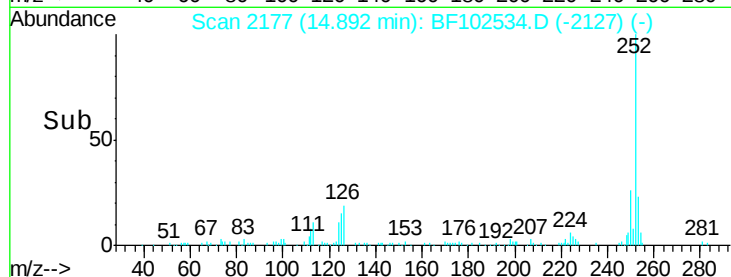
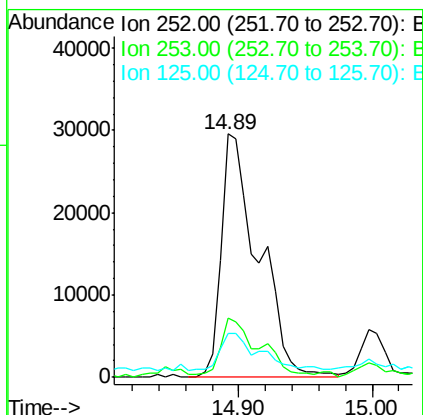
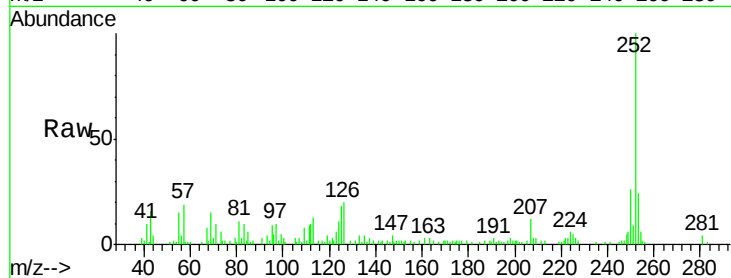




#87
Benzo(b)fluoranthene
Concen: 3.341 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Instrument :
BNA_F
ClientSampleId :
RO-2334

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	18.2	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 3.536 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.04 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	18.2	10.2	15.2#

