

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102535.D
 Acq On : 28 Jan 2018 2:32
 Operator : SJ/JU
 Sample : J1325-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Quant Time: Jan 28 03:44:32 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	172506	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	726681	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	282150	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	396954	20.00	ng	0.00
75) Chrysene-d12	13.87	240	312477	20.00	ng	0.00
86) Perylene-d12	15.30	264	254562	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1254469	110.26	ng	0.00
7) Phenol-d6	6.36	99	1505271	109.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	901831	71.32	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	207688	74.29	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1396350	72.77	ng	0.00
78) Terphenyl-d14	12.82	244	846729	61.09	ng	0.00

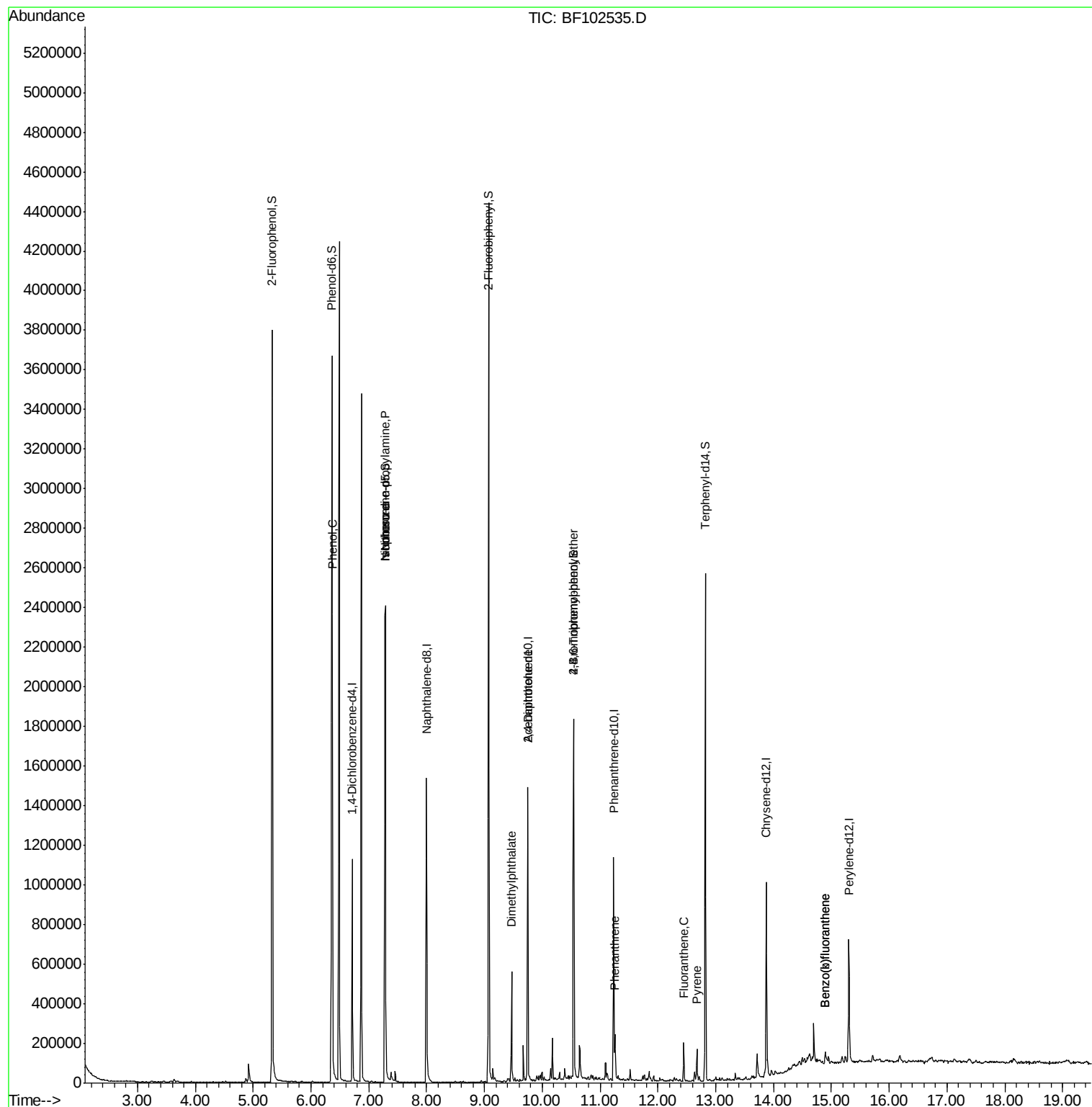
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	74877	5.000	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	118891	14.164	ng	# 81
25) Isophorone	7.29	82	895172	39.709	ng	# 64
49) Dimethylphthalate	9.47	163	225452	9.667	ng	99
56) 2,4-Dinitrotoluene	9.75	165	36600	5.919	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	13980	3.272	ng	# 1
70) Phenanthrene	11.26	178	76104	3.290	ng	98
74) Fluoranthene	12.45	202	83855	3.555	ng	97
77) Pyrene	12.67	202	65462	2.710	ng	100
87) Benzo(b)fluoranthene	14.90	252	33679	2.041	ng	# 91
88) Benzo(k)fluoranthene	14.90	252	33679	2.161	ng	# 92

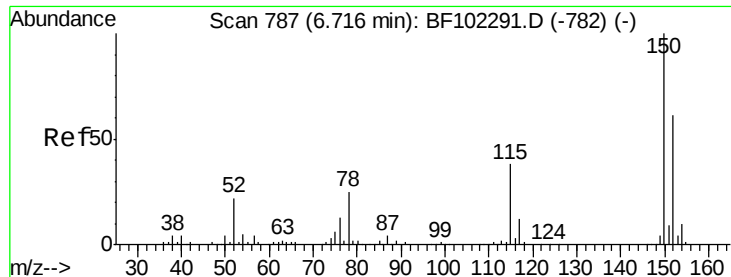
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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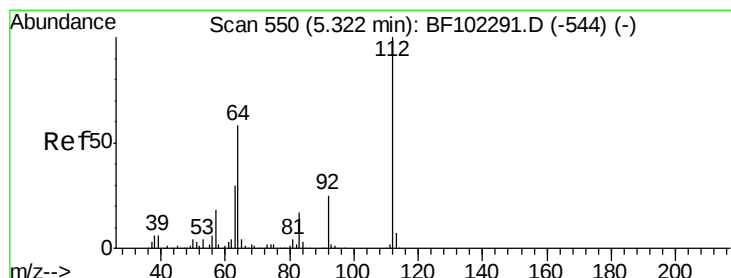
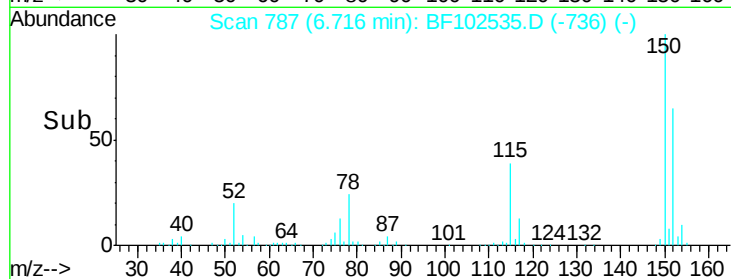
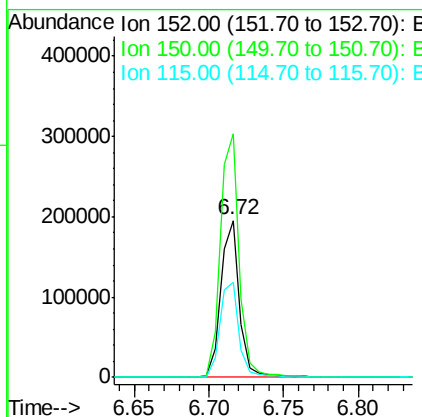
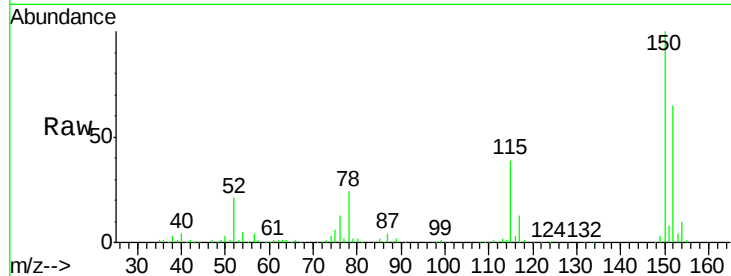




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

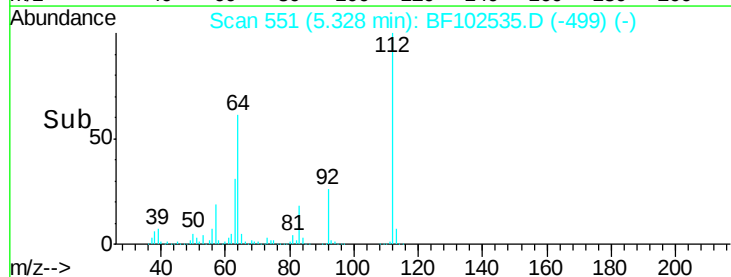
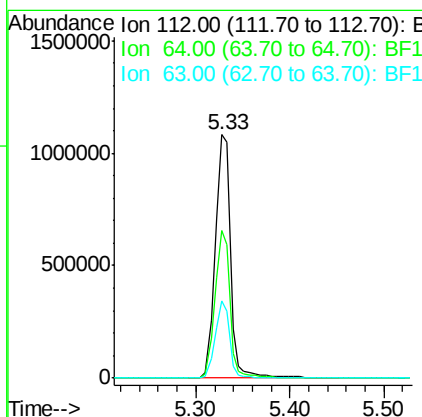
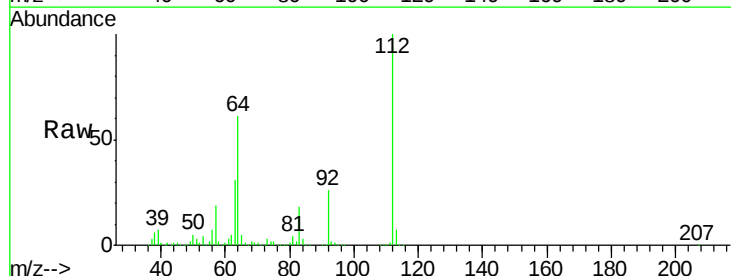
Instrument :
 BNA_F
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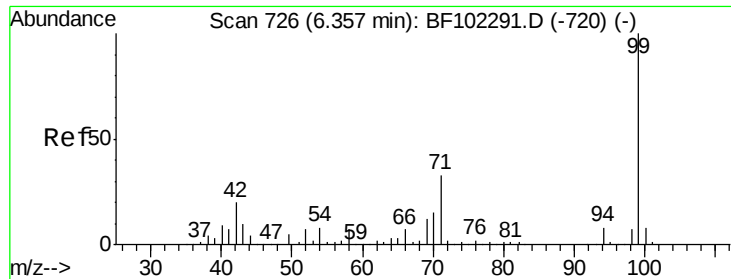
Tgt Ion:152 Resp: 172506
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 60.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 110.263 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Tgt Ion:112 Resp: 1254469
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 109.745 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Instrument :

BNA_F

ClientSampleId :

RO-2342

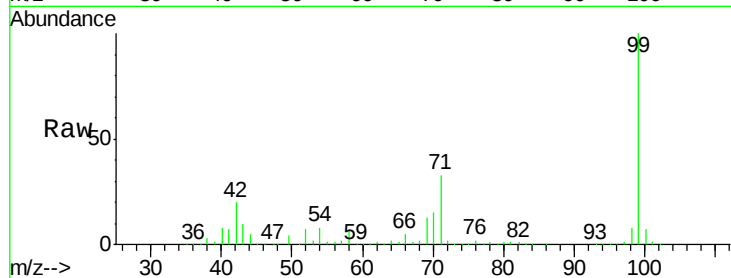
Tgt Ion: 99 Resp: 1505271

Ion Ratio Lower Upper

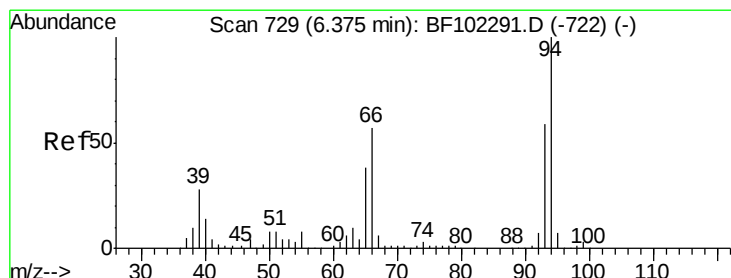
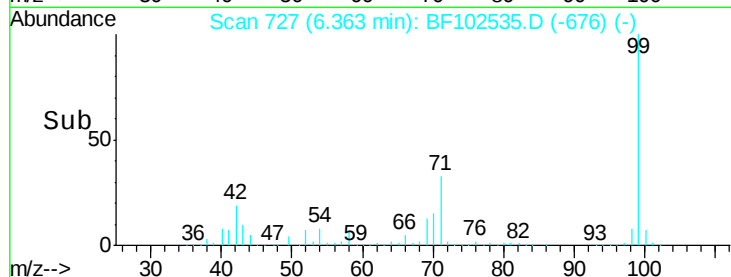
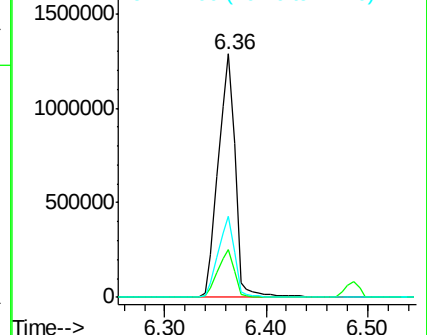
99 100

42 19.5 14.5 21.7

71 33.3 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: 5.000 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

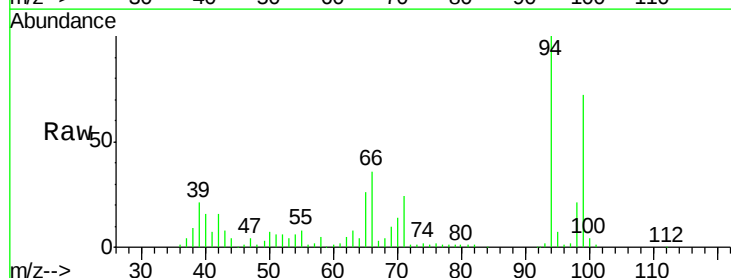
Tgt Ion: 94 Resp: 74877

Ion Ratio Lower Upper

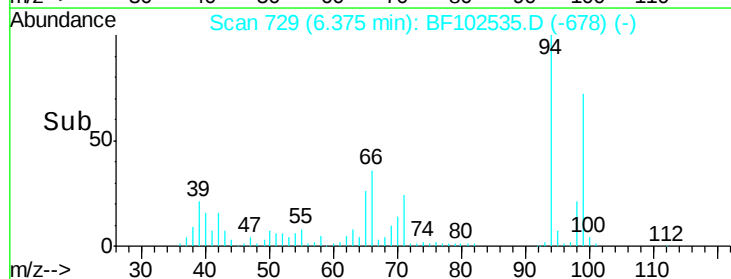
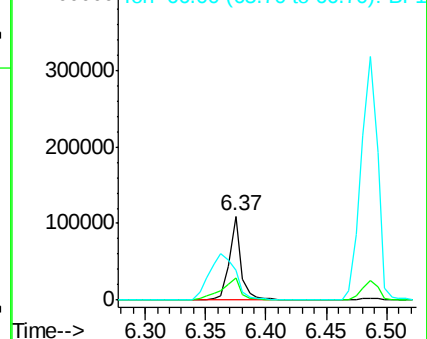
94 100

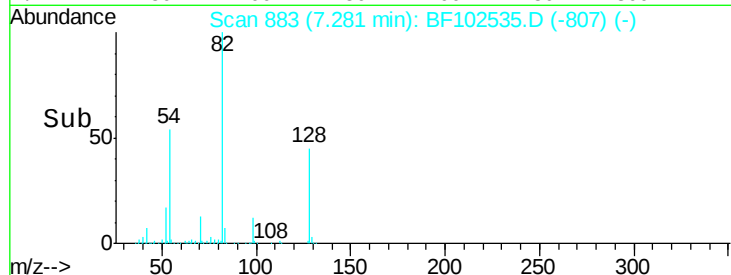
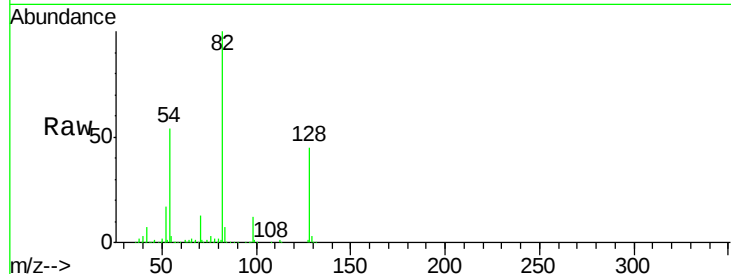
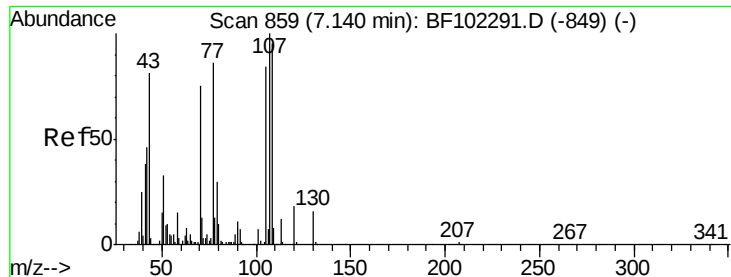
65 26.4 7.9 47.9

66 35.6 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

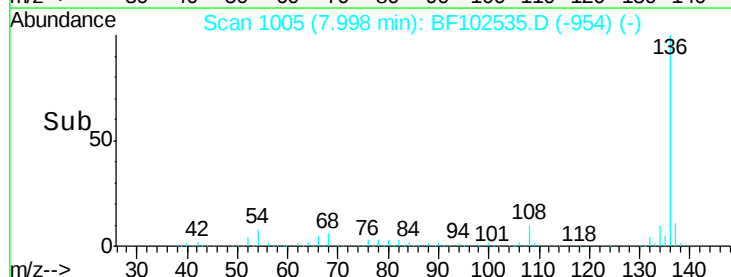
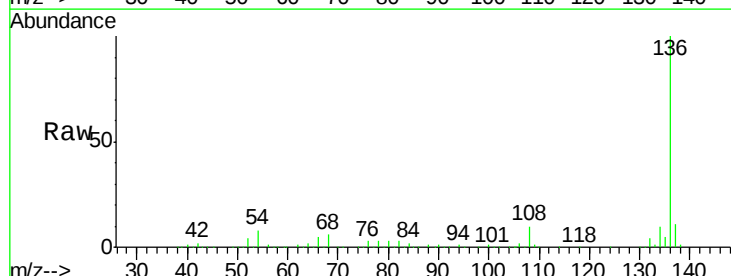
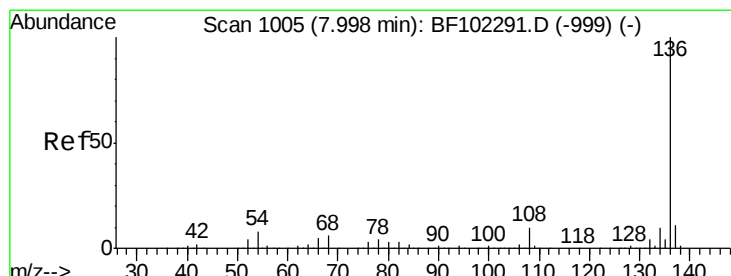
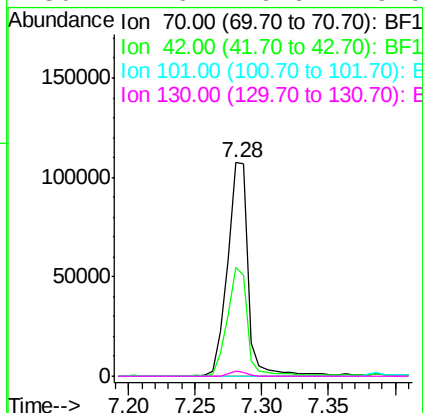




#19
n-Nitroso-di-n-propylamine
Concen: 14.164 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

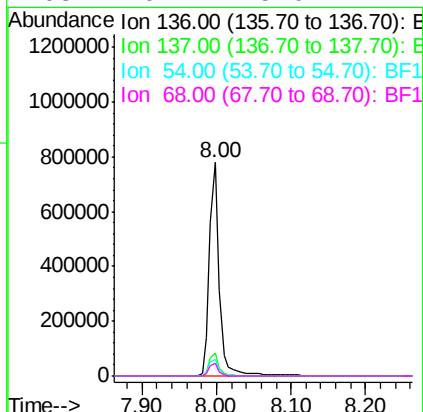
Instrument :
BNA_F
ClientSampleId :
RO-2342

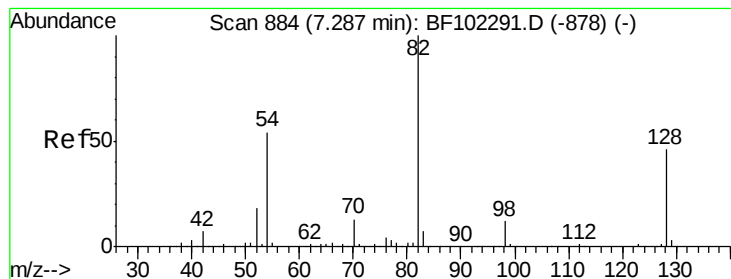
Tgt Ion: 70 Resp: 118891
Ion Ratio Lower Upper
70 100
42 51.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Tgt Ion: 136 Resp: 726681
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.0 6.6 9.8
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.318 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Instrument :

BNA_F

ClientSampleId :

RO-2342

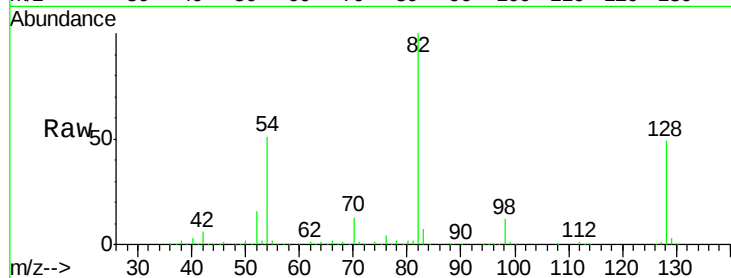
Tgt Ion: 82 Resp: 901831

Ion Ratio Lower Upper

82 100

128 49.5 36.1 54.1

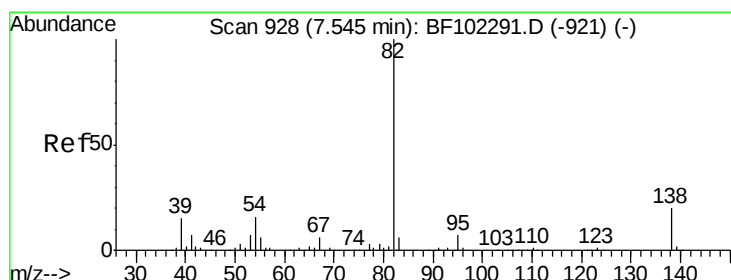
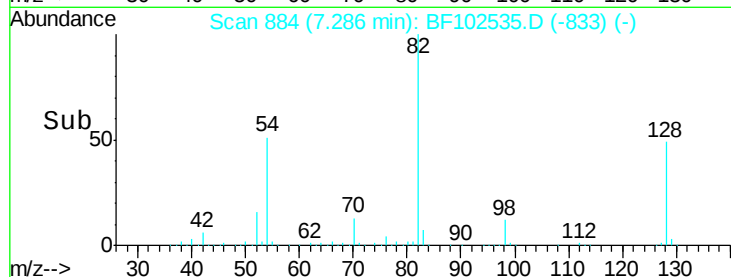
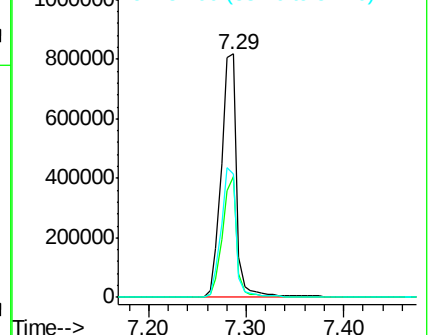
54 50.9 41.4 62.2



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: 39.709 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

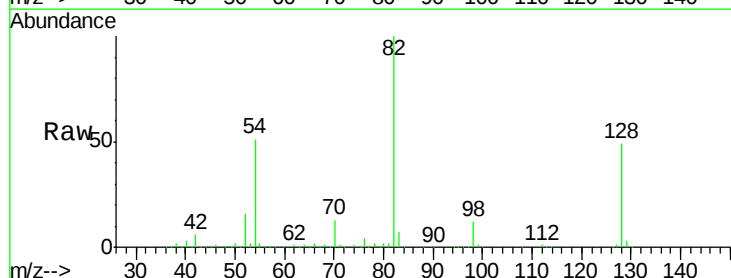
Tgt Ion: 82 Resp: 895172

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

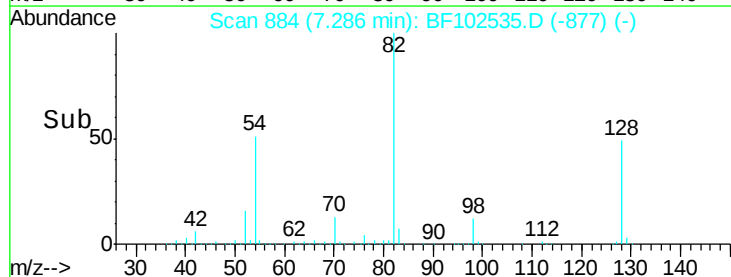
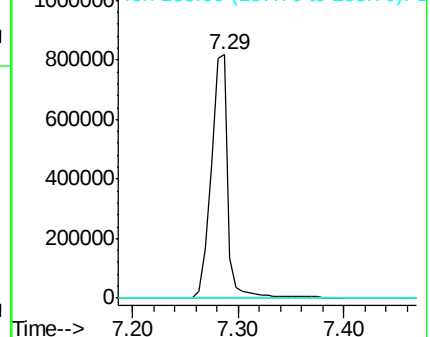
138 0.0 14.9 22.3#

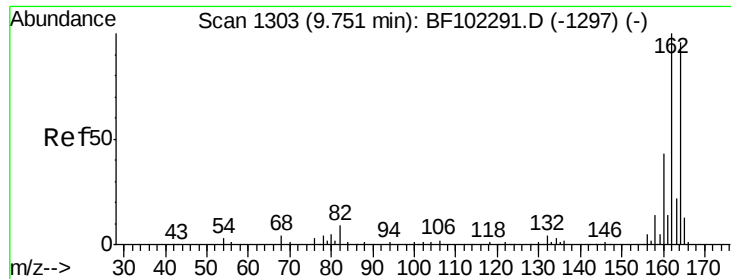


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF102535.D

Acq: 28 Jan 2018 2:32

Instrument :

BNA_F

ClientSampleId :

RO-2342

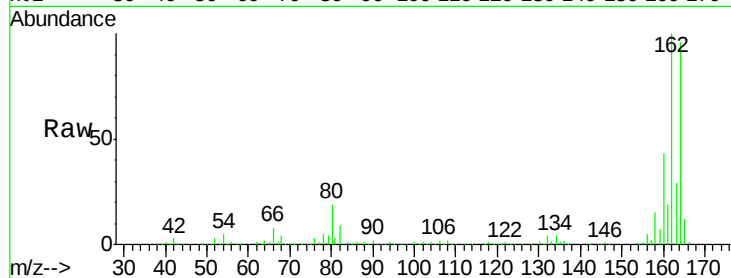
Tgt Ion:164 Resp: 282150

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

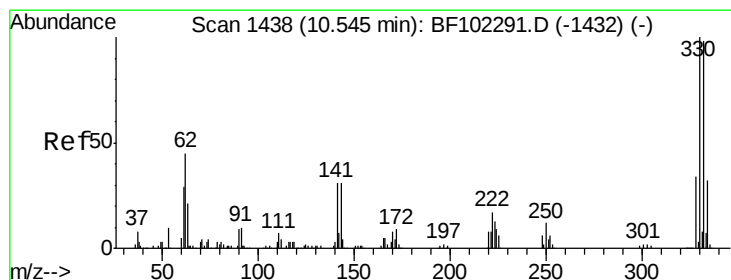
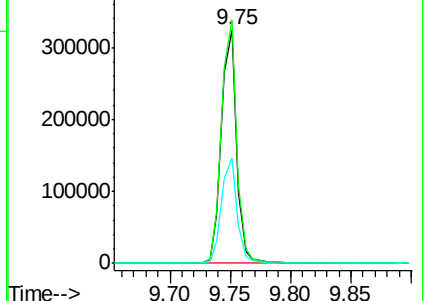
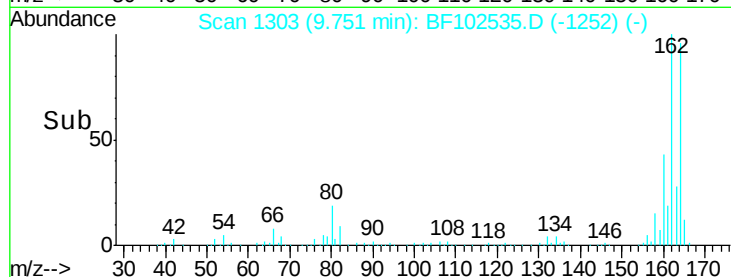
160 44.9 38.3 57.5



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: 74.288 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

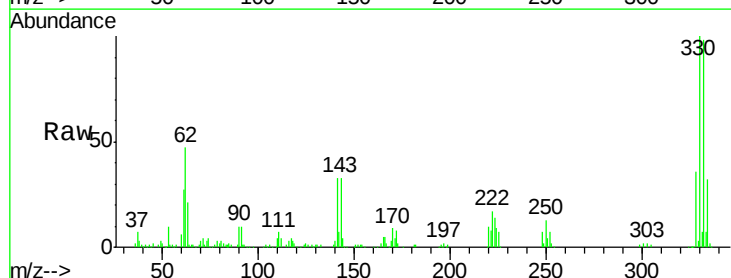
Tgt Ion:330 Resp: 207688

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

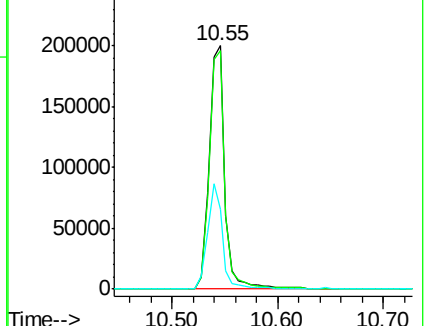
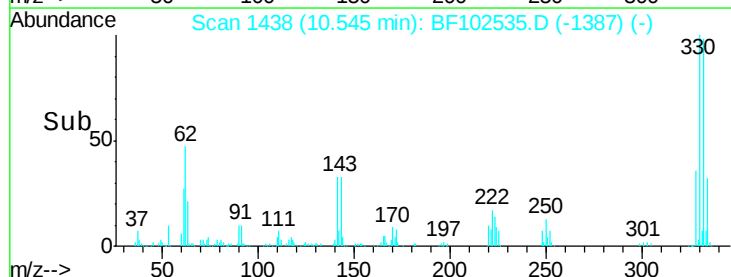
141 41.2 29.9 44.9

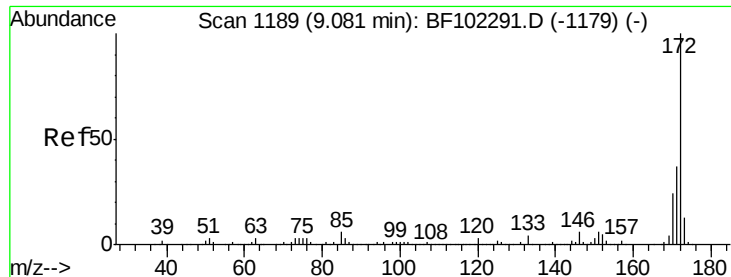


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

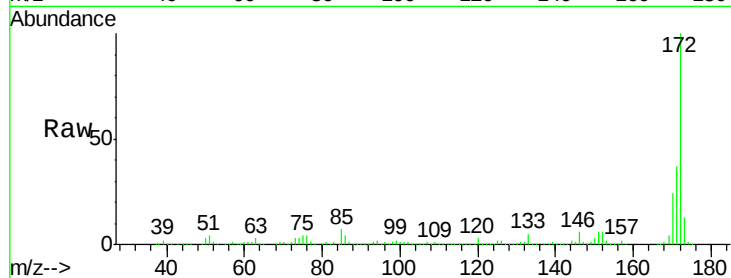




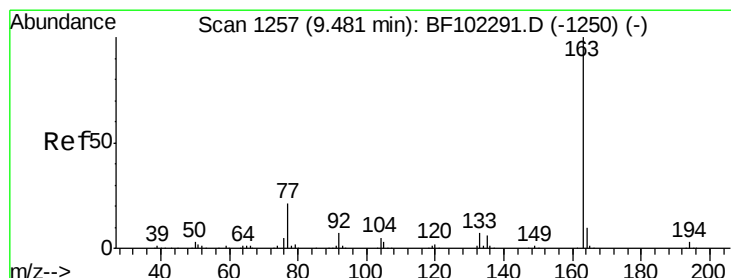
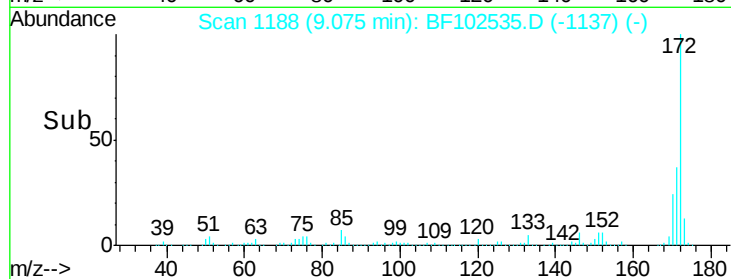
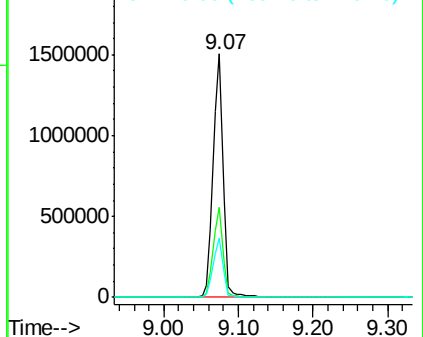
#44
 2-Fluorobiphenyl
 Concen: 72.767 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Tgt Ion:172 Resp: 1396350
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.5 19.6 29.4

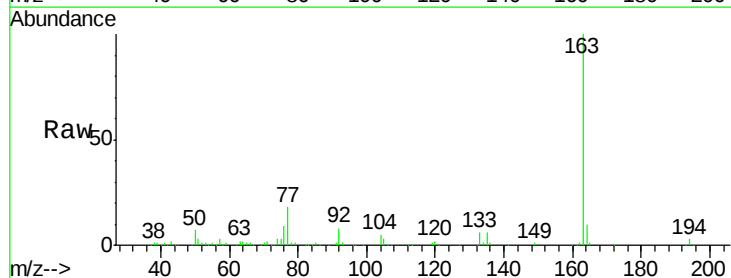


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

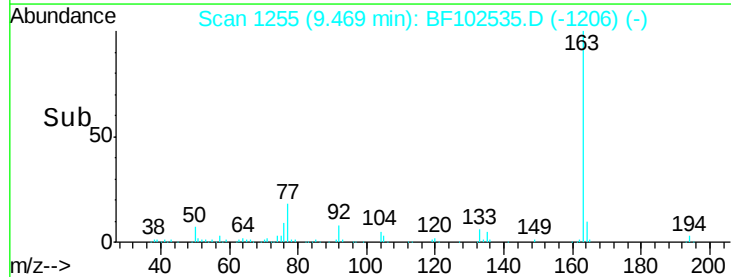
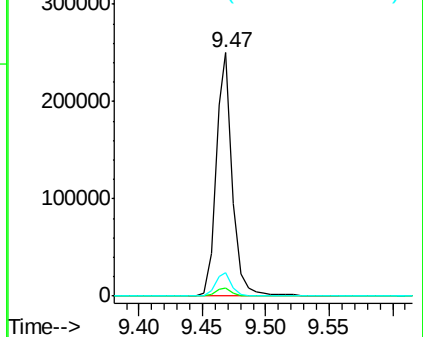


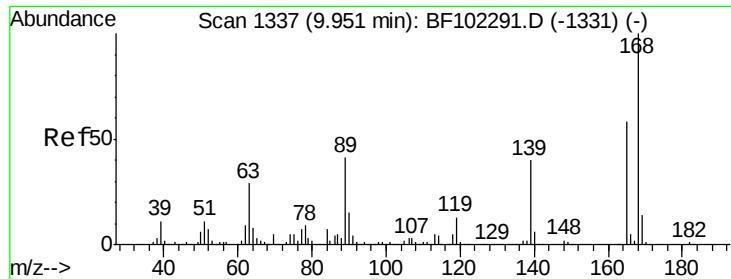
#49
 Dimethylphthalate
 Concen: 9.667 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Tgt Ion:163 Resp: 225452
 Ion Ratio Lower Upper
 163 100
 194 3.5 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

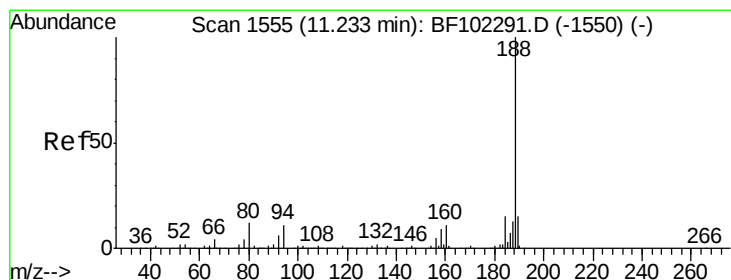
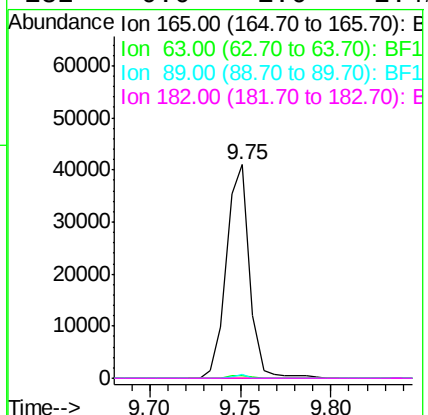
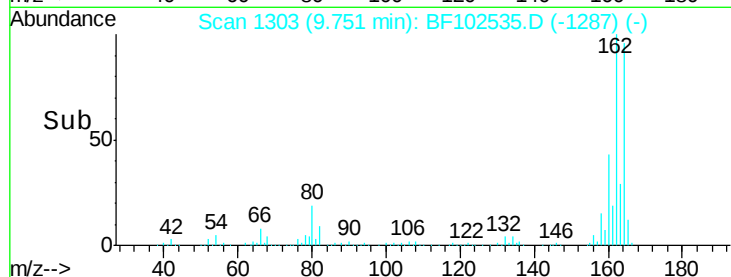
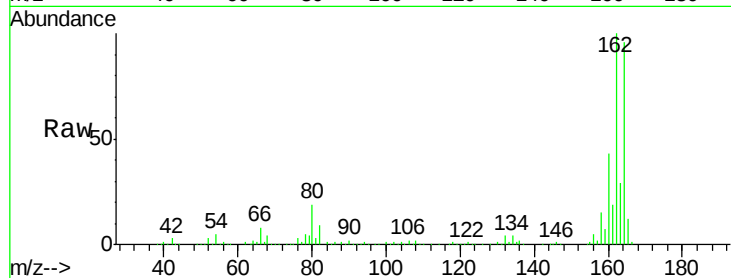




#56
 2,4-Dinitrotoluene
 Concen: 5.919 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

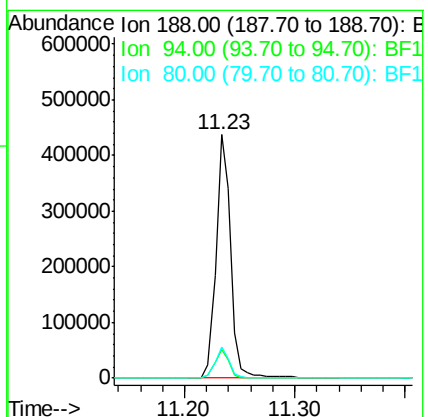
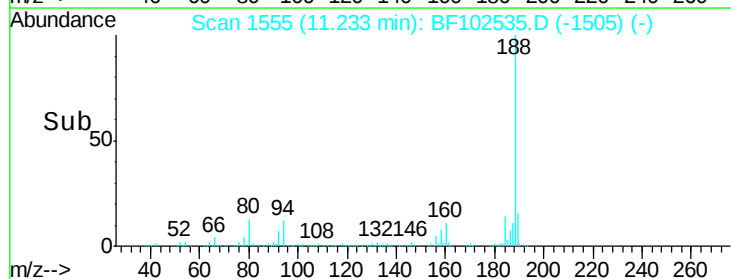
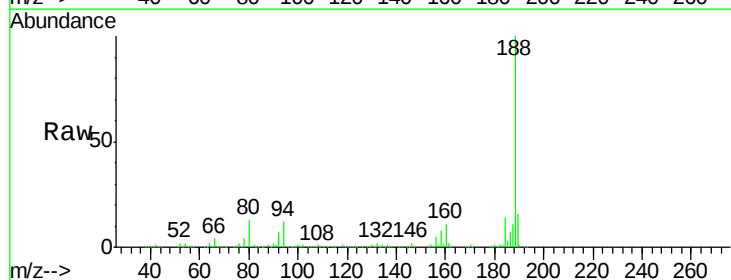
Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

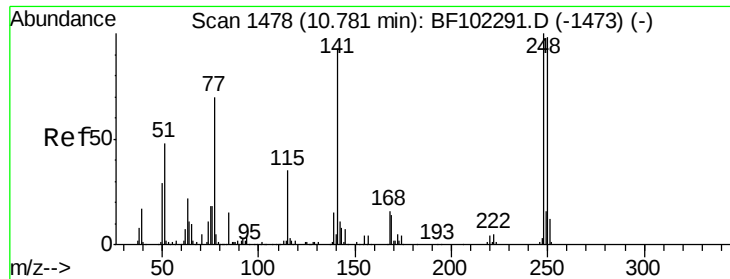
Tgt Ion:	165	Resp:	36600
Ion Ratio	Lower	Upper	
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Tgt Ion:	188	Resp:	396954
Ion Ratio	Lower	Upper	
188	100		
94	11.9	8.5	12.7
80	12.8	9.2	13.8

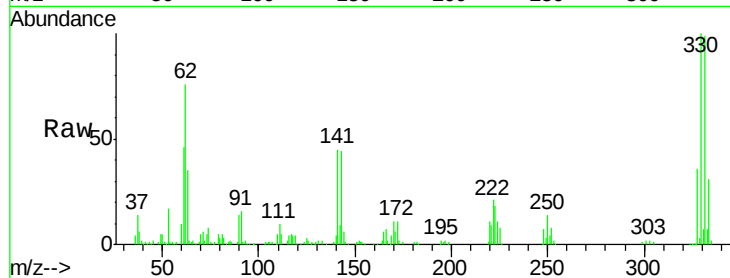




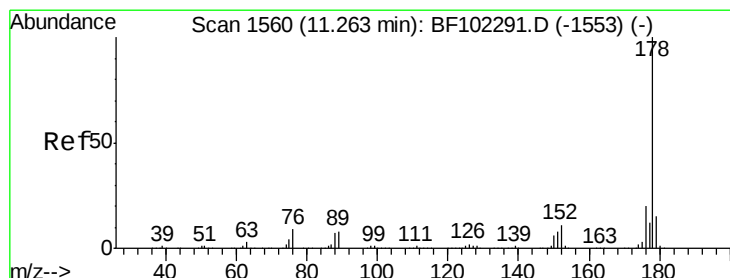
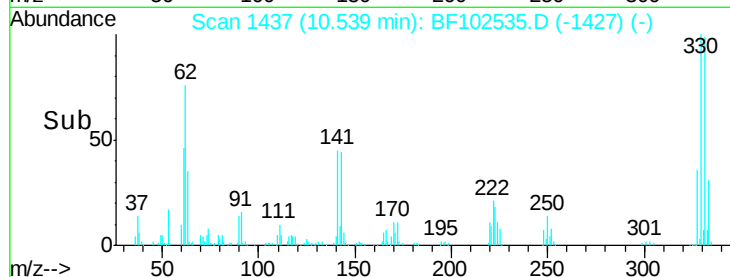
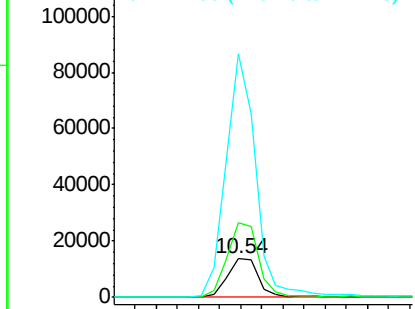
#66
 4-Bromophenyl-phenylether
 Concen: 3.272 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Tgt Ion:248 Resp: 13980
 Ion Ratio Lower Upper
 248 100
 250 195.1 76.9 115.3#
 141 637.0 74.4 111.6#

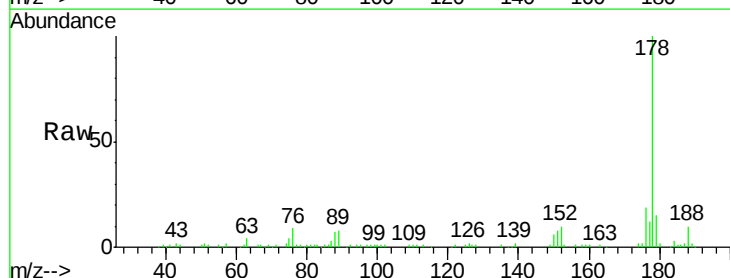


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

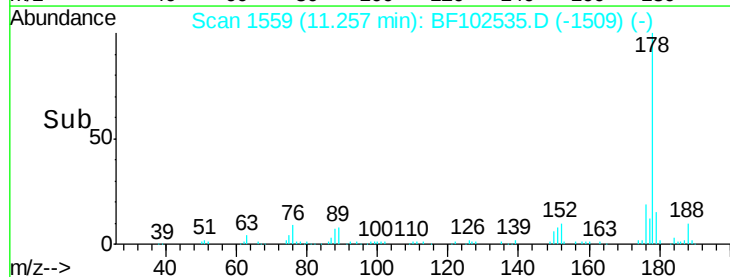
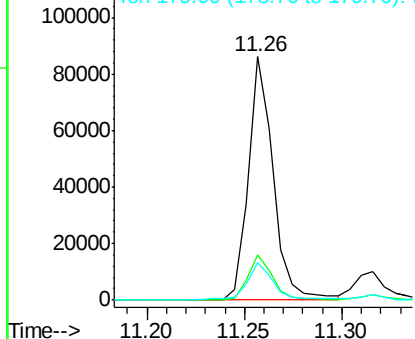


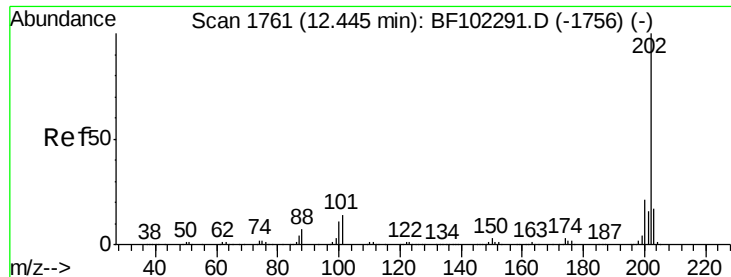
#70
 Phenanthrene
 Concen: 3.290 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Tgt Ion:178 Resp: 76104
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.555 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Instrument :

BNA_F

ClientSampleId :

RO-2342

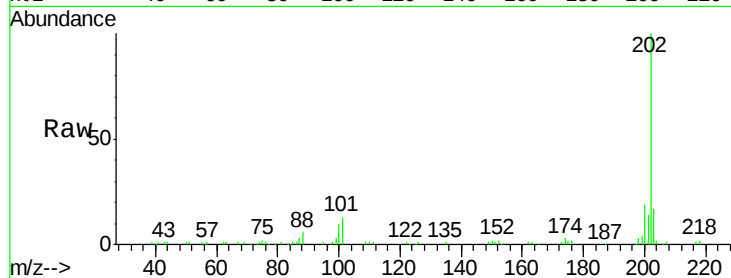
Tgt Ion:202 Resp: 83855

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

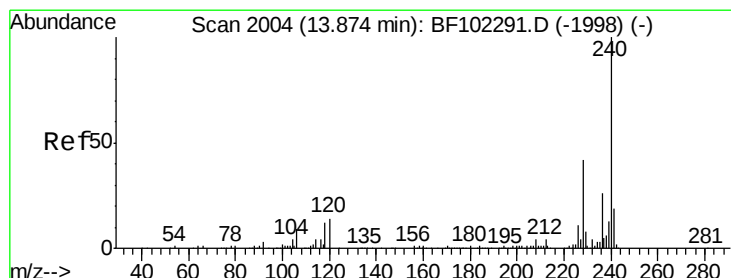
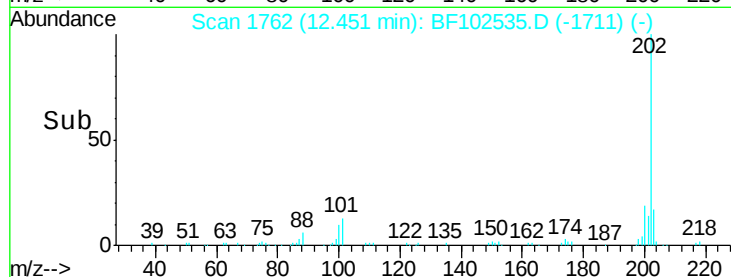
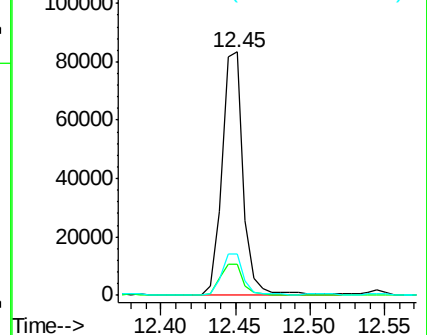
203 16.9 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

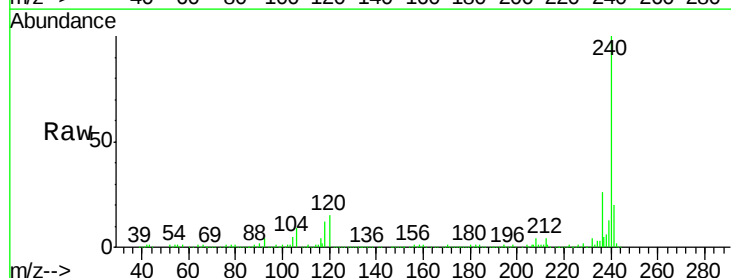
Tgt Ion:240 Resp: 312477

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

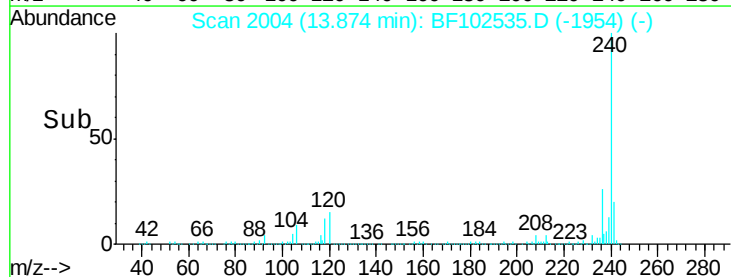
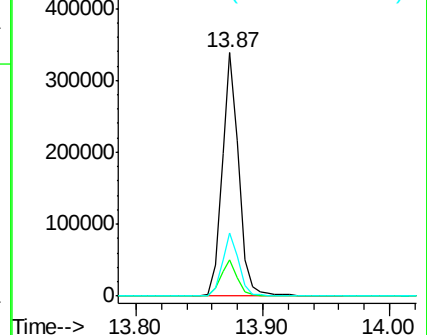
236 26.1 20.7 31.1

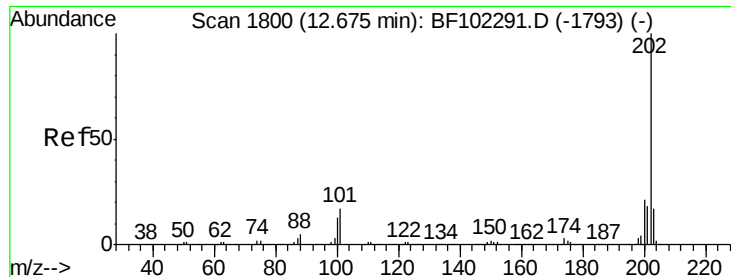


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

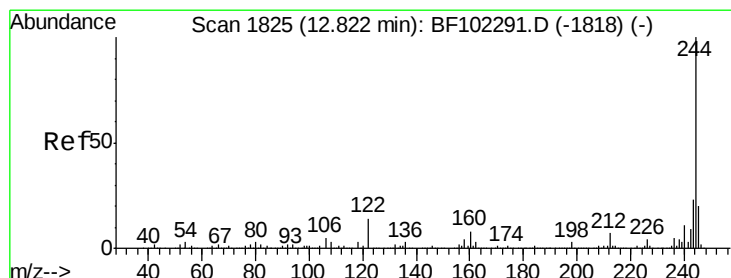
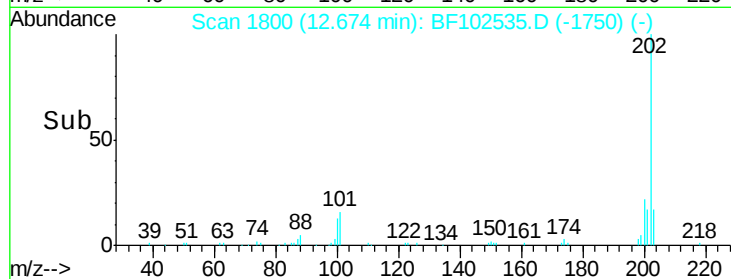
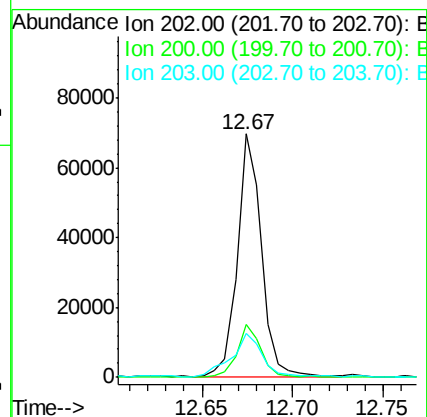
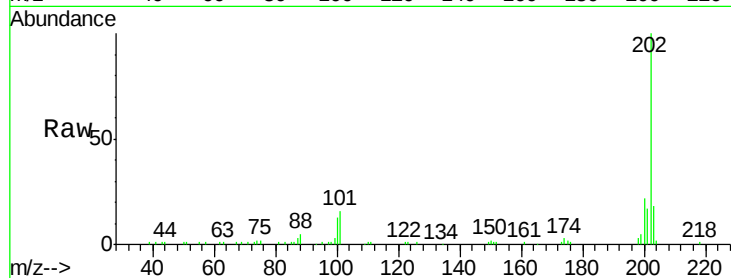




#77
 Pyrene
 Concen: 2.710 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

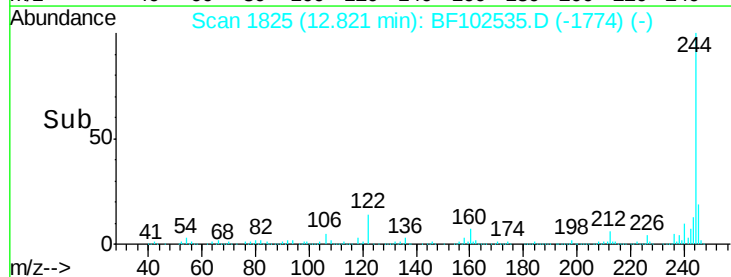
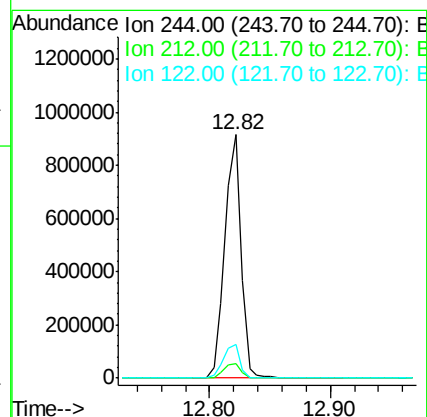
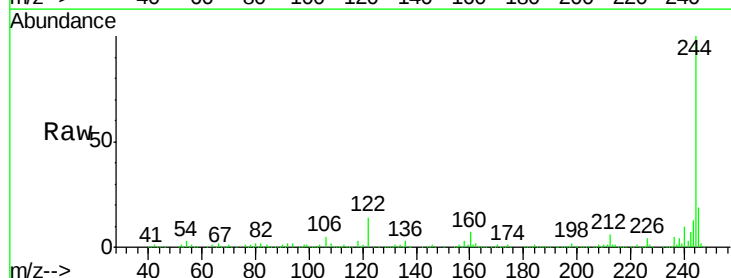
Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

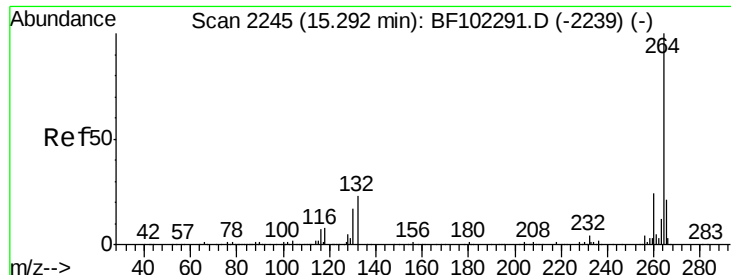
Tgt Ion: 202 Resp: 65462
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.4 26.2
 203 18.2 14.3 21.5



#78
 Terphenyl-d14
 Concen: 61.087 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102535.D
 Acq: 28 Jan 2018 2:32

Tgt Ion: 244 Resp: 846729
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 13.6 11.0 16.4

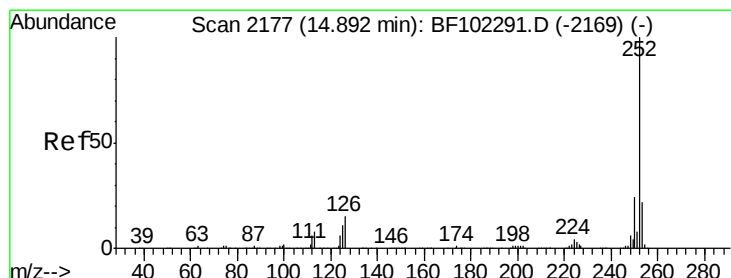
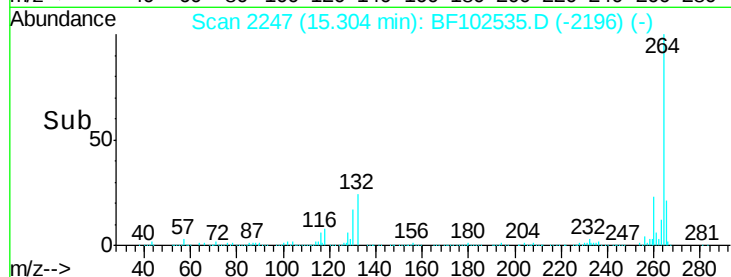
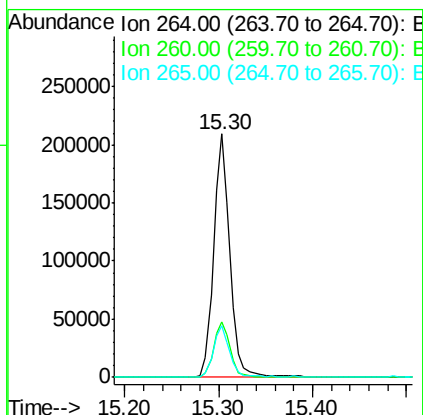
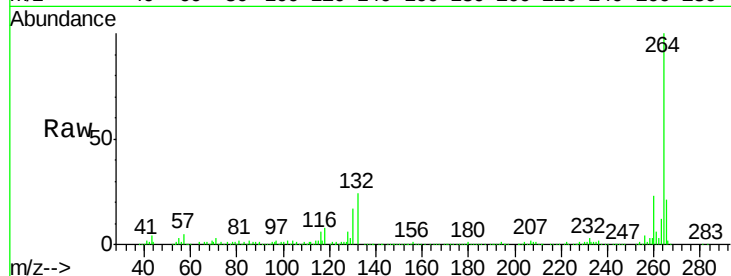




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

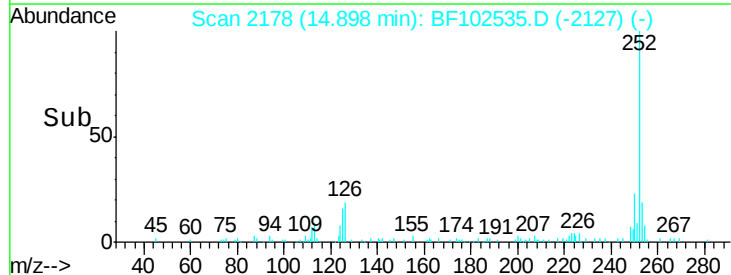
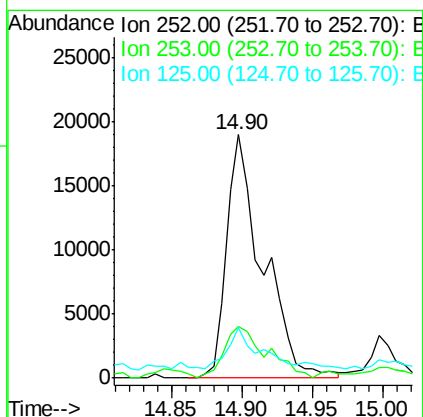
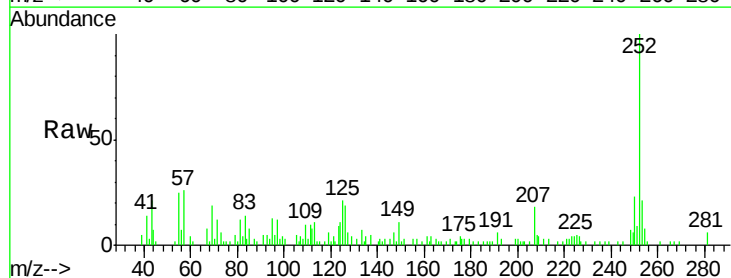
Instrument :
BNA_F
ClientSampled :
RO-2342

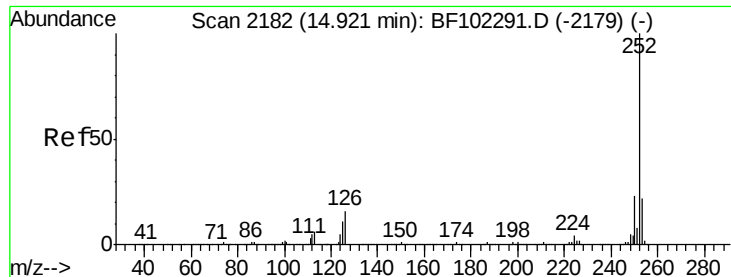
Tgt Ion: 264 Resp: 254562
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.041 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BF102535.D
Acq: 28 Jan 2018 2:32

Tgt Ion: 252 Resp: 33679
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 20.5 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.161 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.03 min

Lab File: BF102535.D

Acq: 28 Jan 2018 2:32

Instrument :

BNA_F

ClientSampleId :

RO-2342

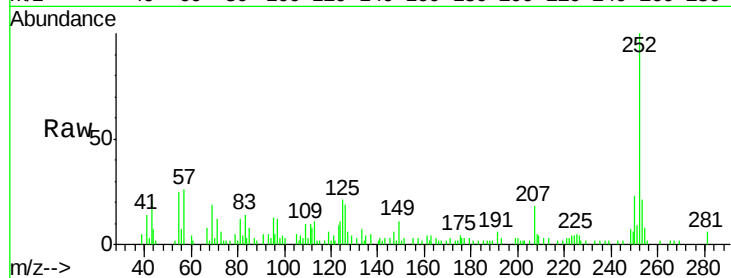
Tgt Ion:252 Resp: 33679

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 20.5 10.2 15.2#



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

