

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103980.D
 Acq On : 27 Mar 2018 19:55
 Operator : JU/SJ
 Sample : J2066-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-CV-2036

Quant Time: Mar 28 05:27:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

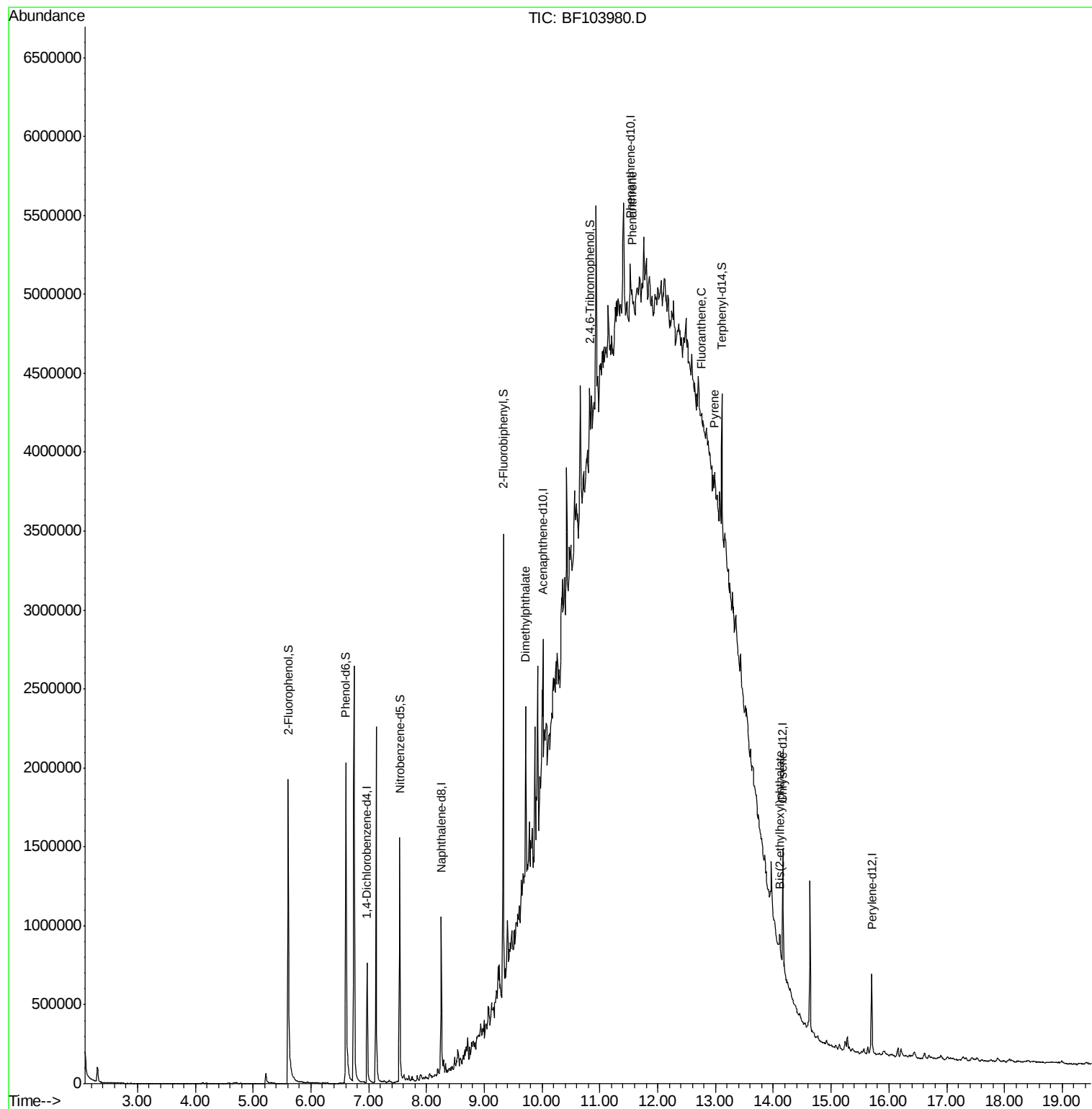
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141058	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	552239	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	209075	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	185671	20.00	ng	0.02
75) Chrysene-d12	14.17	240	252223	20.00	ng	0.00
86) Perylene-d12	15.70	264	243718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	873920	94.23	ng	0.01
7) Phenol-d6	6.60	99	1067500	94.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	611020	77.16	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	159239	88.58	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1004984	76.68	ng	0.00
78) Terphenyl-d14	13.11	244	574297	52.85	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	121504	7.617	ng	# 88
70) Phenanthrene	11.55	178	85022	8.371	ng	# 70
74) Fluoranthene	12.75	202	27889	2.665	ng	# 64
77) Pyrene	12.99	202	39086	2.110	ng	# 65
83) Bis(2-ethylhexyl)phthalate	14.12	149	42599	3.634	ng	# 95

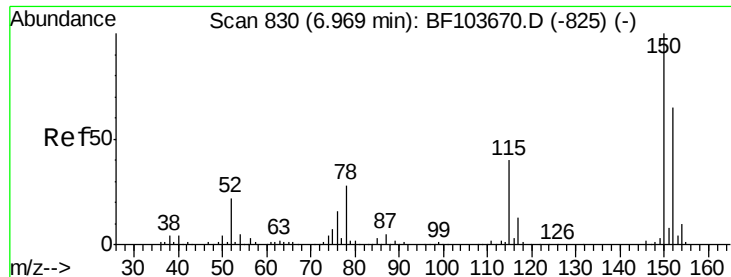
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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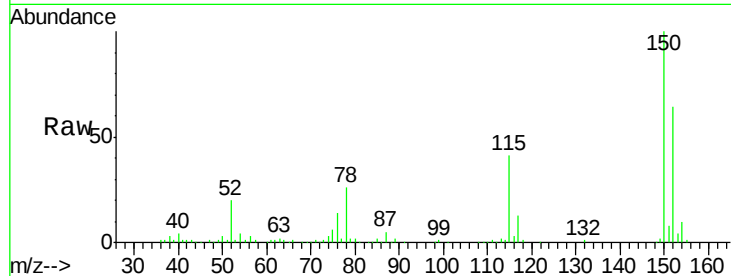


#1

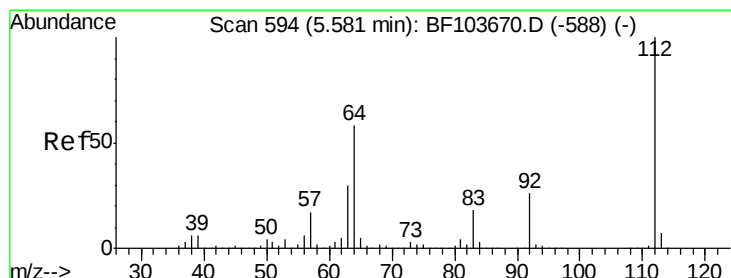
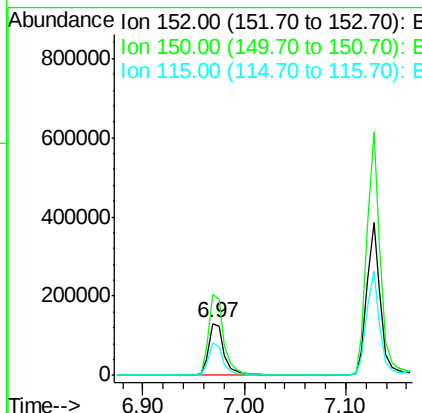
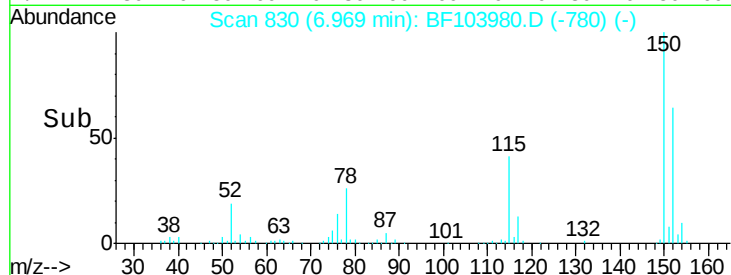
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103980.D
Acq: 27 Mar 2018 19:55

Instrument :
BNA_F
ClientSampleId :
RO-CV-2036

Tot Ion:152 Resp: 141058
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 64.0 50.1 75.1



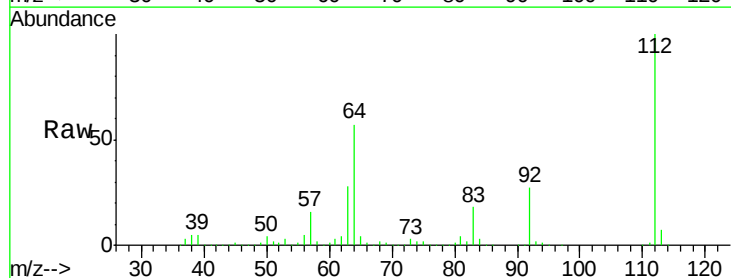
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



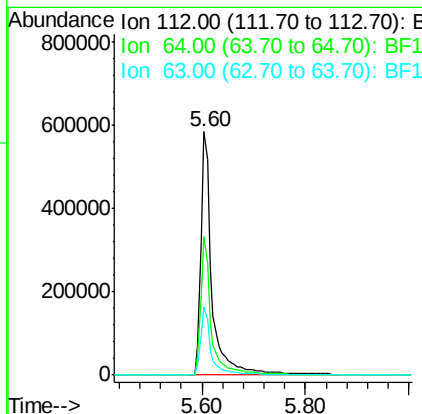
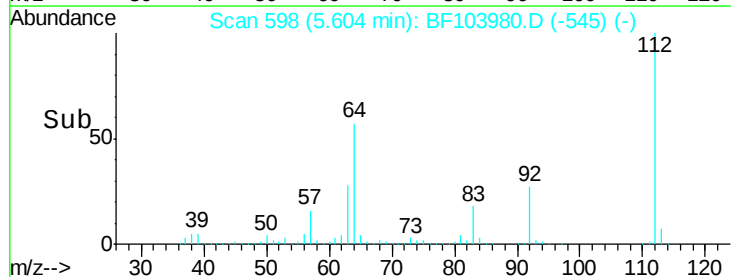
#5

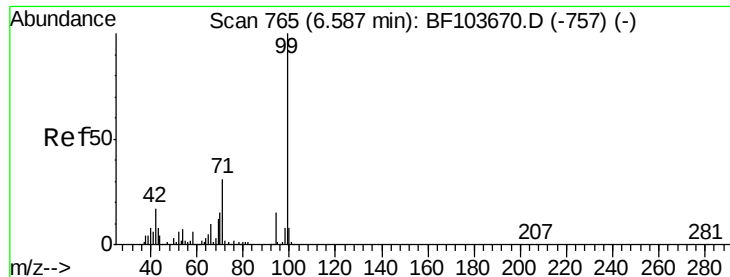
2-Fluorophenol
Concen: 94.233 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103980.D
Acq: 27 Mar 2018 19:55

Tgt Ion:112 Resp: 873920
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.0 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: 94.085 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103980.D

Acq: 27 Mar 2018 19:55

Instrument :

BNA_F

ClientSampleId :

RO-CV-2036

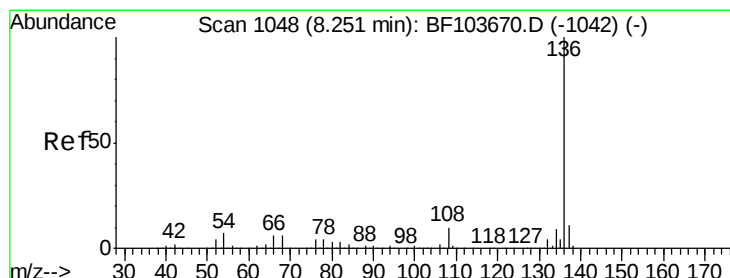
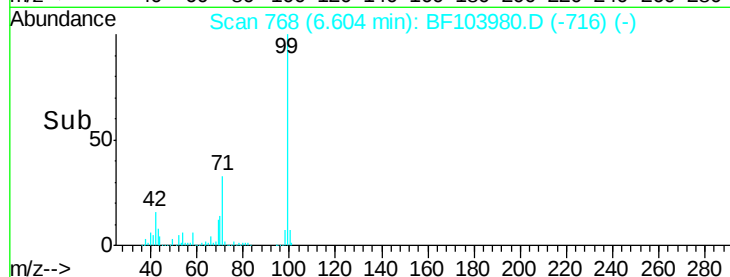
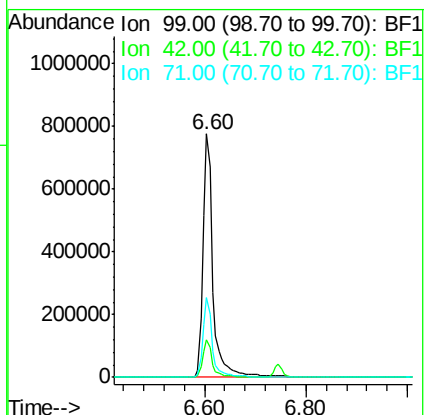
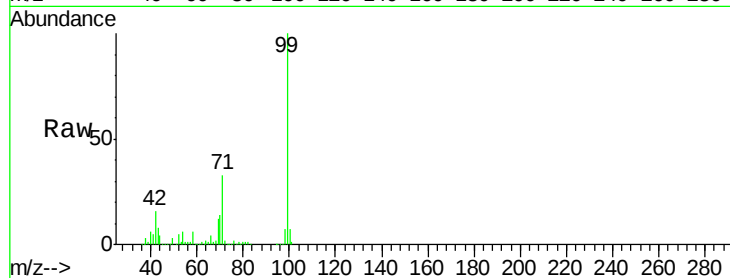
Tot Ion: 99 Resp: 1067500

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103980.D

Acq: 27 Mar 2018 19:55

Tgt Ion: 136 Resp: 552239

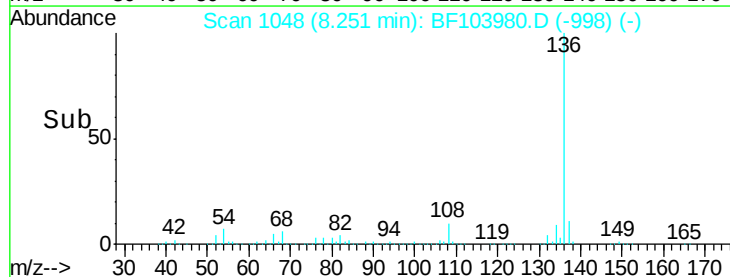
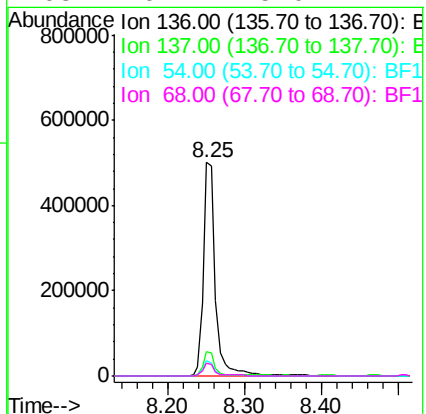
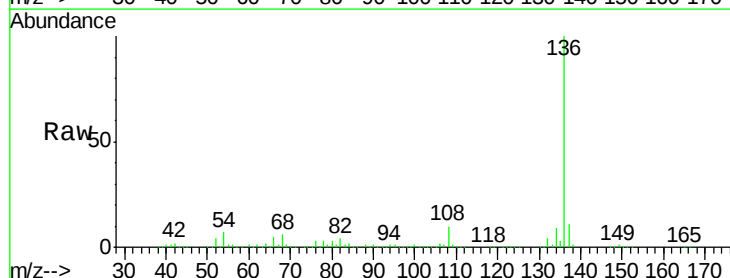
Ion Ratio Lower Upper

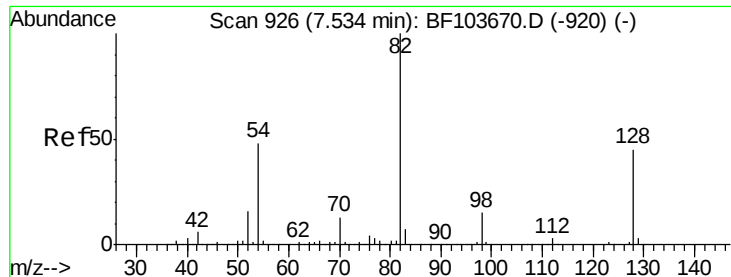
136 100

137 11.1 8.9 13.3

54 7.2 6.6 9.8

68 6.2 5.0 7.4

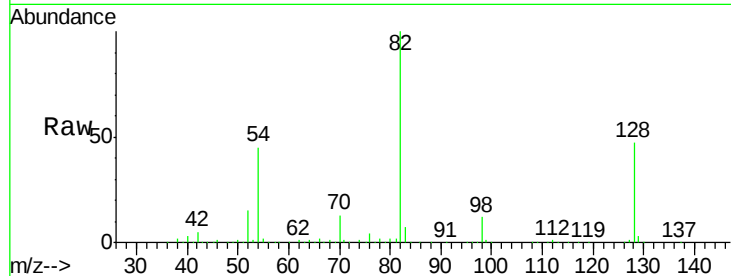




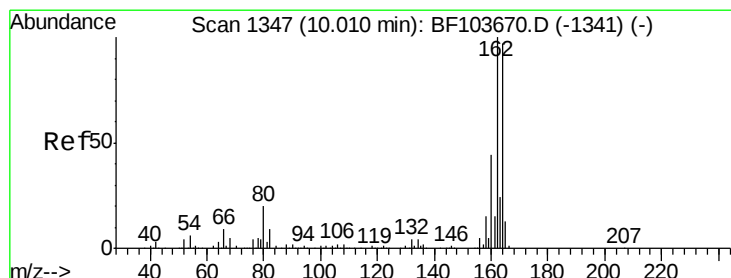
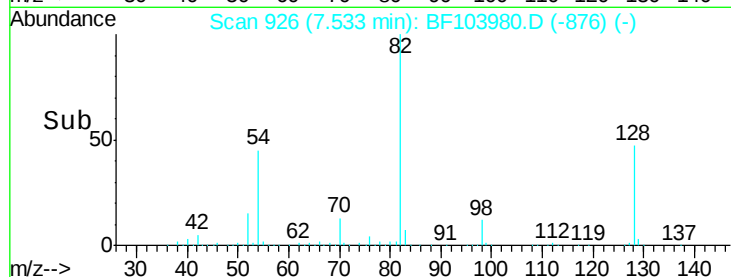
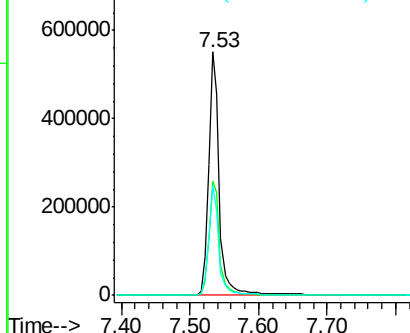
#23
Nitrobenzene-d5
Concen: 77.159 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103980.D
Acq: 27 Mar 2018 19:55

Instrument :
BNA_F
ClientSampleId :
RO-CV-2036

Tot Ion: 82 Resp: 611020
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 44.8 41.4 62.2

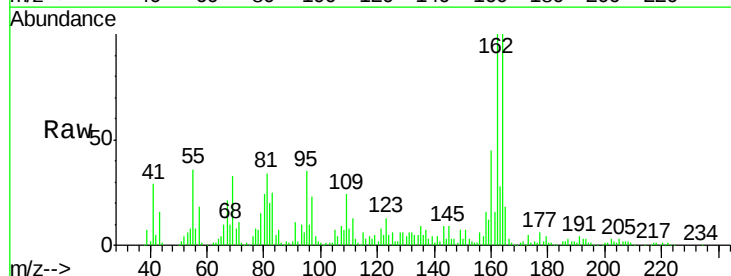


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

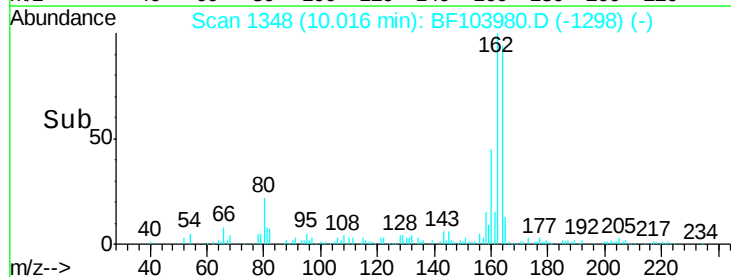
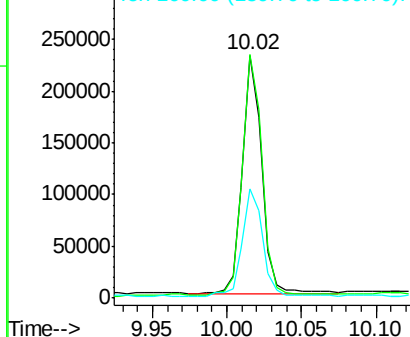


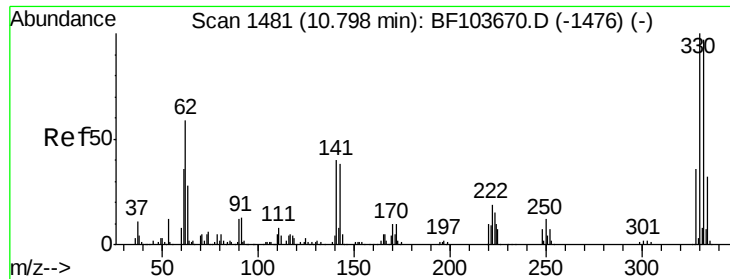
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103980.D
Acq: 27 Mar 2018 19:55

Tgt Ion:164 Resp: 209075
Ion Ratio Lower Upper
164 100
162 100.4 86.1 129.1
160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

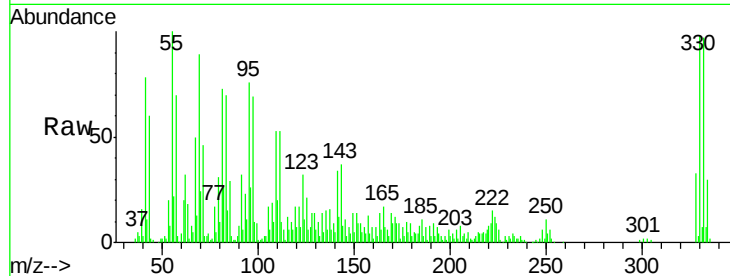




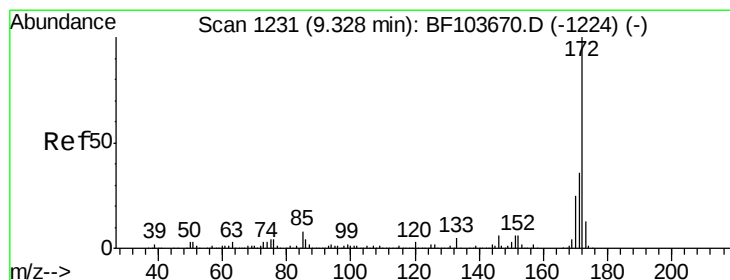
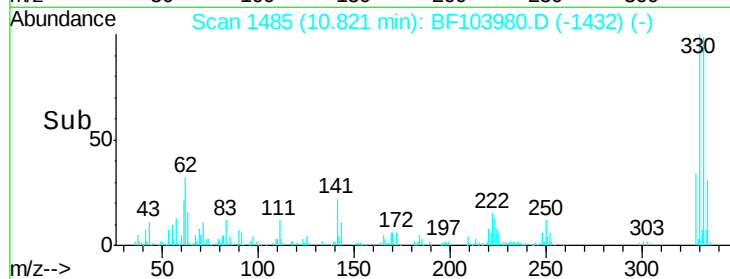
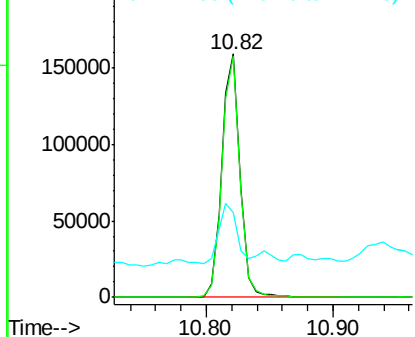
#41
 2,4,6-Tribromophenol
 Concen: 88.582 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: BF103980.D
 Acq: 27 Mar 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-CV-2036

Tot Ion:330 Resp: 159239
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 24.9 29.9 44.9#

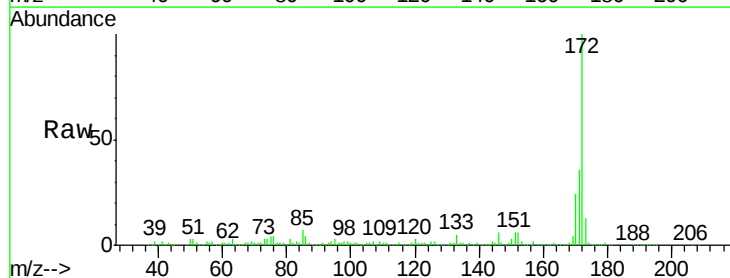


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

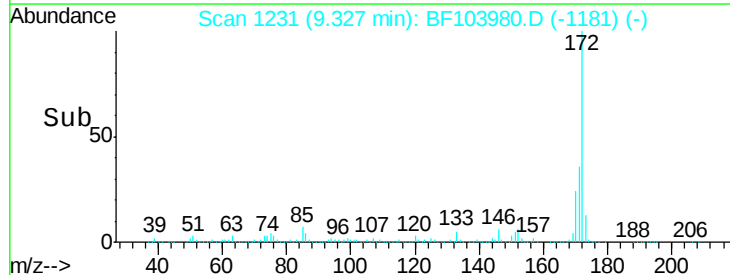
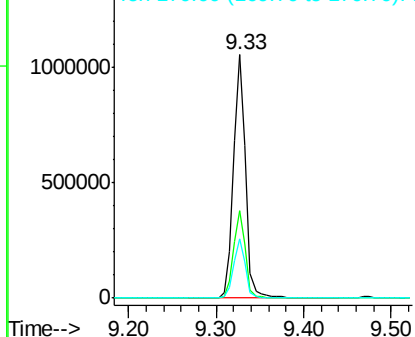


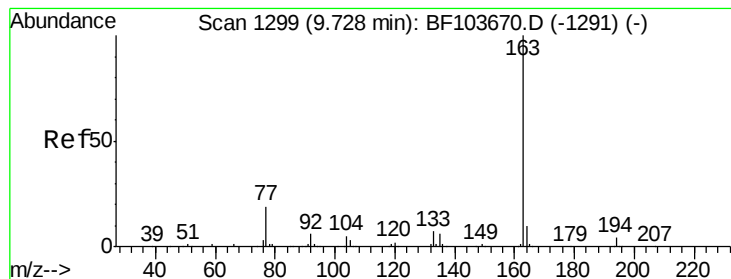
#44
 2-Fluorobiphenyl
 Concen: 76.676 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103980.D
 Acq: 27 Mar 2018 19:55

Tgt Ion:172 Resp: 1004984
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 7.617 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF103980.D

Acq: 27 Mar 2018 19:55

Instrument :

BNA_F

ClientSampleId :

RO-CV-2036

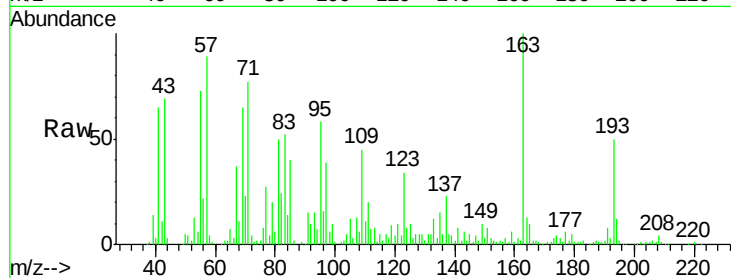
Tot Ion:163 Resp: 121504

Ion Ratio Lower Upper

163 100

194 11.9 2.7 4.1#

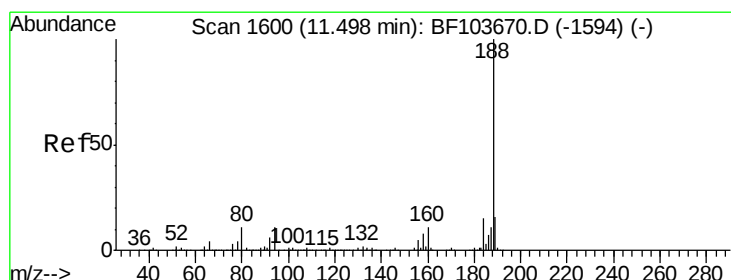
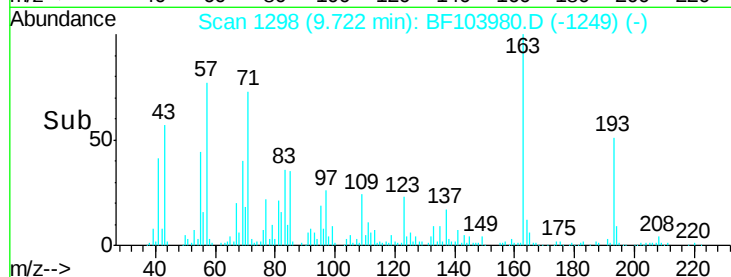
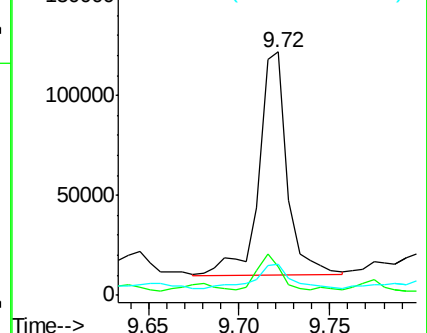
164 12.9 8.2 12.2#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.02 min

Lab File: BF103980.D

Acq: 27 Mar 2018 19:55

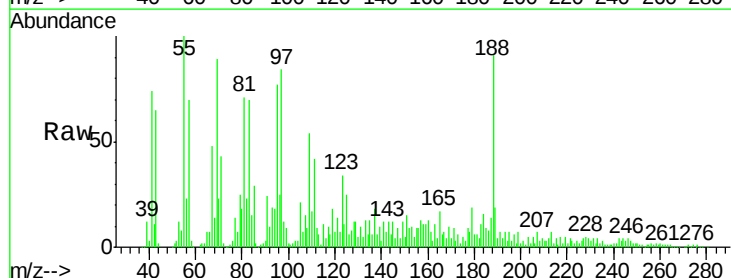
Tgt Ion:188 Resp: 185671

Ion Ratio Lower Upper

188 100

94 19.6 8.5 12.7#

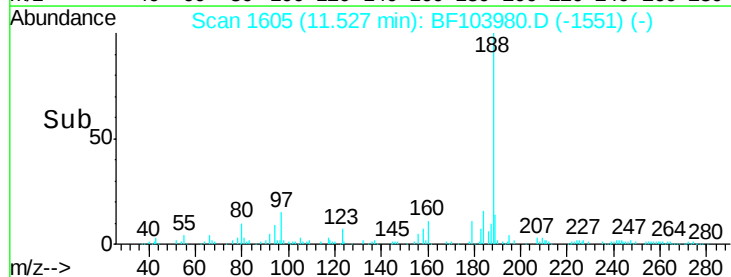
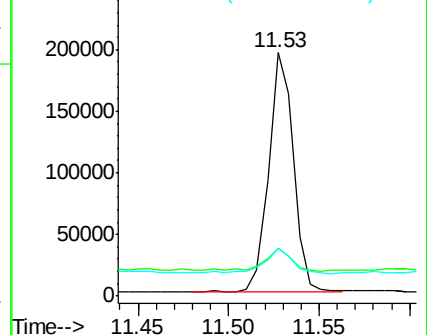
80 19.9 9.2 13.8#

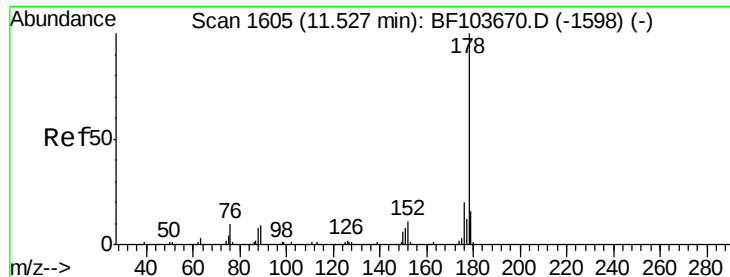


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

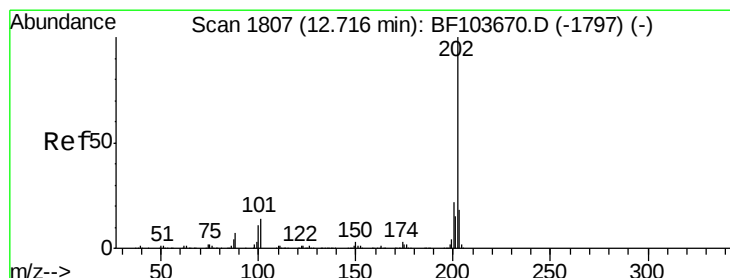
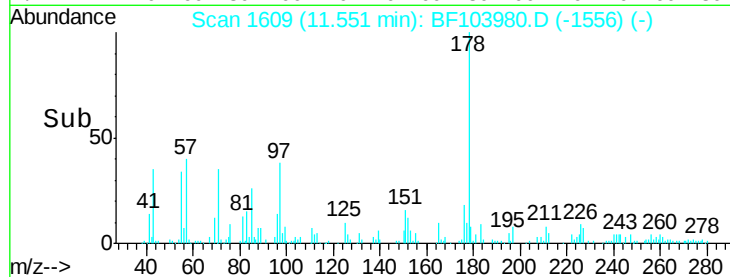
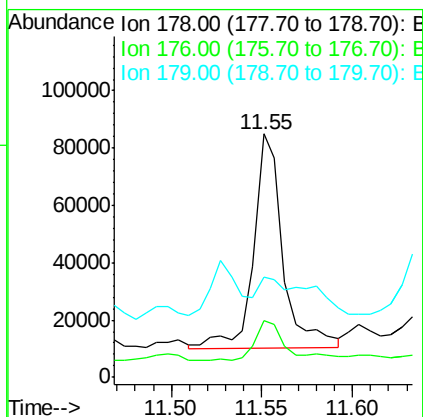
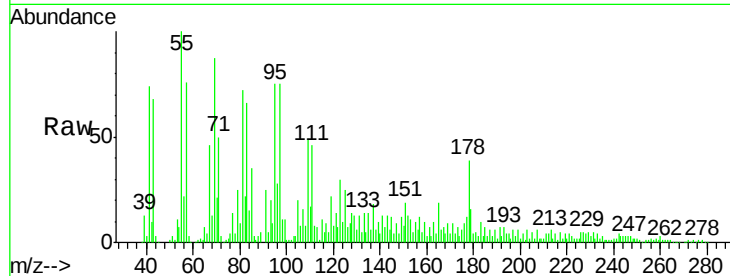




#70
Phenanthrene
Concen: 8.371 ng
RT: 11.55 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF103980.D
Acq: 27 Mar 2018 19:55

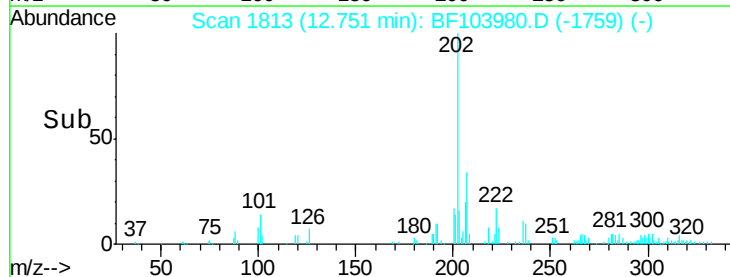
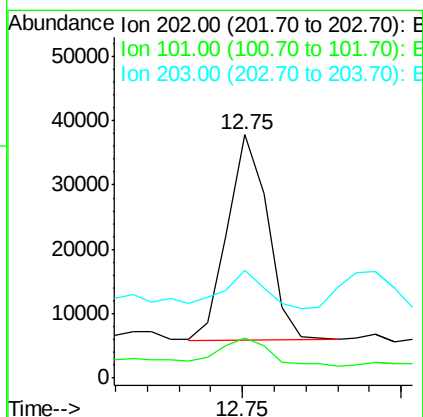
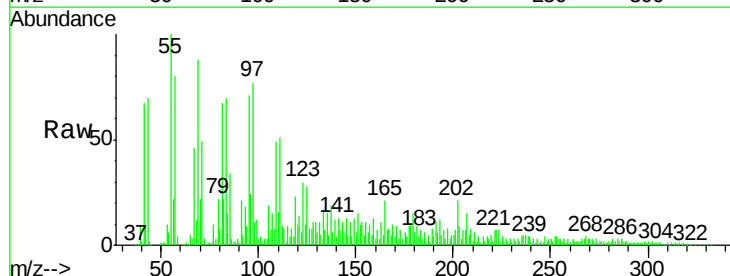
Instrument :
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RO-CV-2036

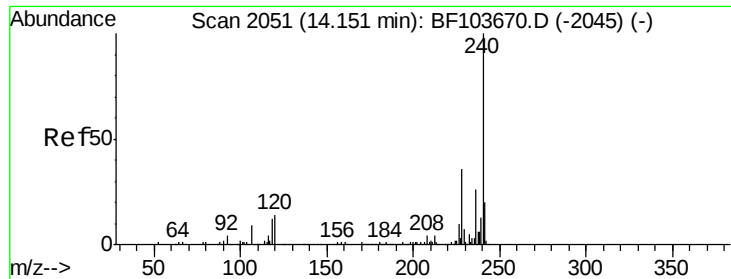
Tot Ion:178 Resp: 85022
Ion Ratio Lower Upper
178 100
176 23.2 15.8 23.8
179 41.1 13.0 19.6#



#74
Fluoranthene
Concen: 2.665 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.02 min
Lab File: BF103980.D
Acq: 27 Mar 2018 19:55

Tgt Ion:202 Resp: 27889
Ion Ratio Lower Upper
202 100
101 16.5 0.0 34.1
203 44.2 0.0 38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103980.D

Acq: 27 Mar 2018 19:55

Instrument :

BNA_F

ClientSampleId :

RO-CV-2036

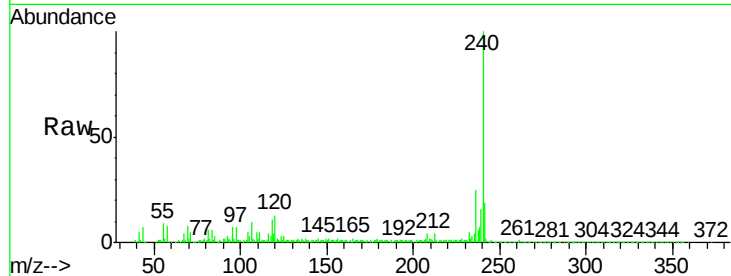
Tot Ion:240 Resp: 252223

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

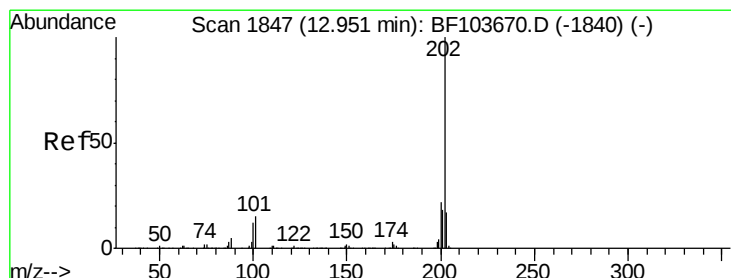
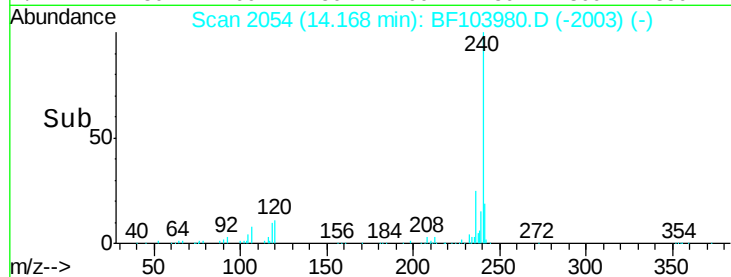
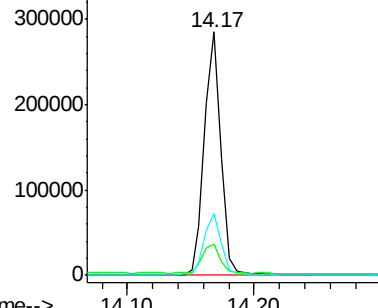
236 25.4 20.7 31.1



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: 2.110 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.02 min

Lab File: BF103980.D

Acq: 27 Mar 2018 19:55

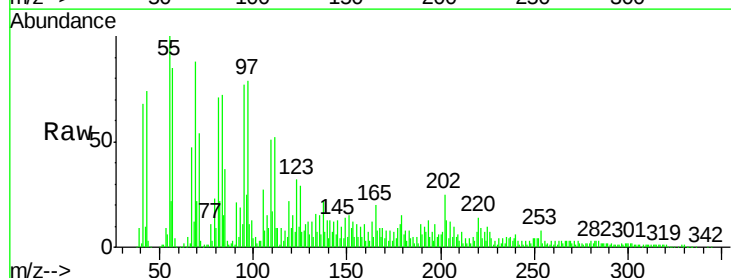
Tgt Ion:202 Resp: 39086

Ion Ratio Lower Upper

202 100

200 23.5 17.4 26.2

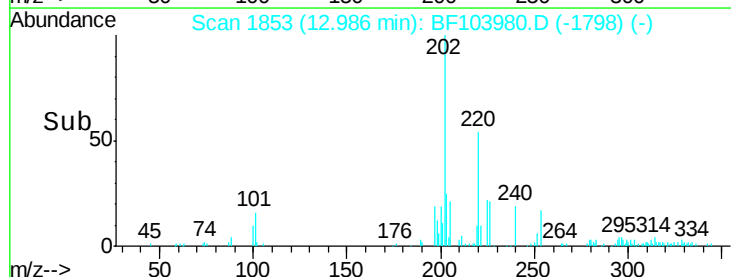
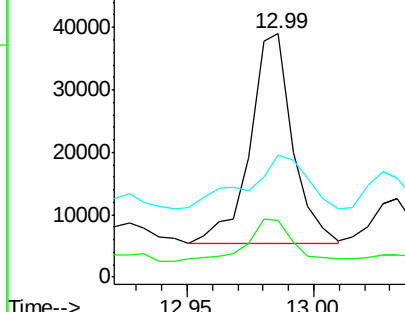
203 50.2 14.3 21.5#

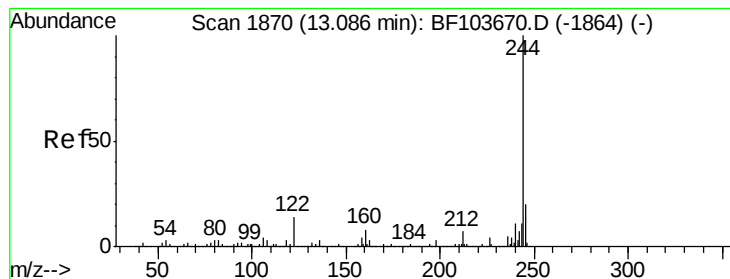


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 52.851 ng

RT: 13.11 min Scan# 1874

Delta R.T. 0.01 min

Lab File: BF103980.D

Acq: 27 Mar 2018 19:55

Instrument :

BNA_F

ClientSampleId :

RO-CV-2036

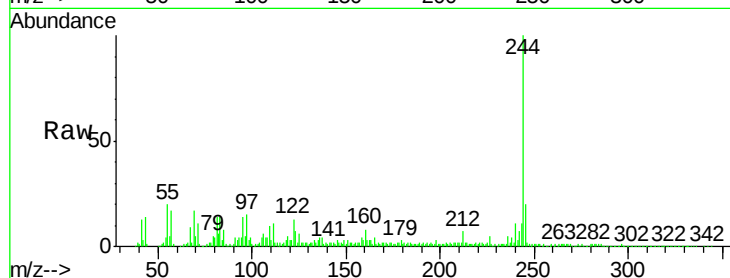
Tot Ion:244 Resp: 574297

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

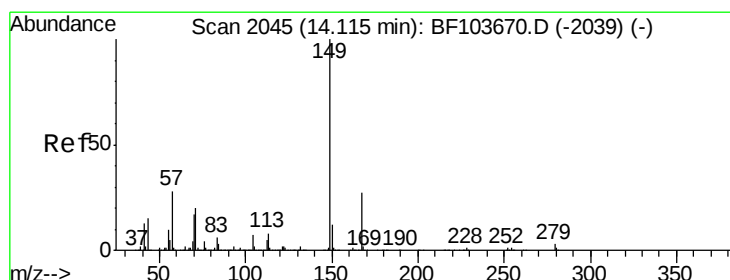
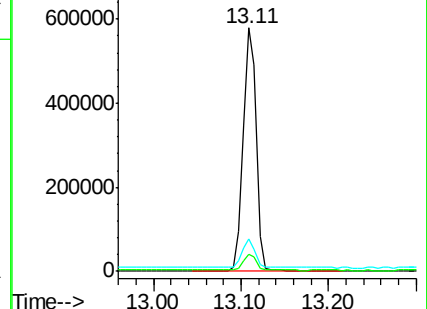
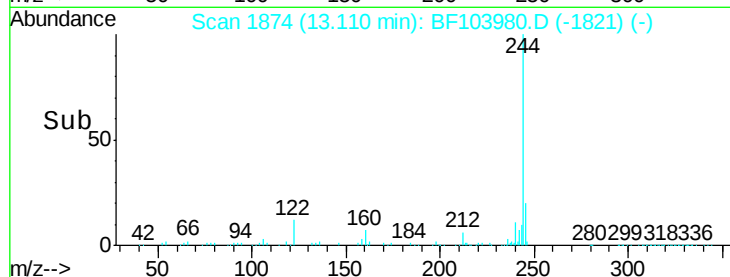
122 13.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.634 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF103980.D

Acq: 27 Mar 2018 19:55

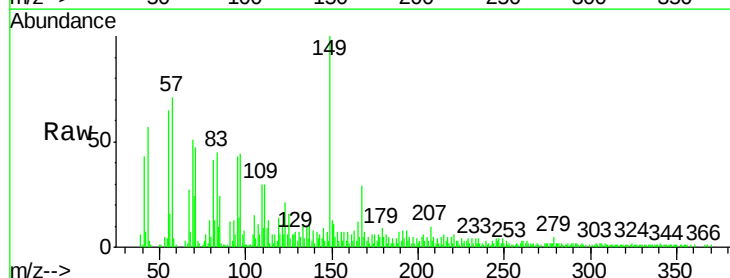
Tgt Ion:149 Resp: 42599

Ion Ratio Lower Upper

149 100

167 29.1 21.3 31.9

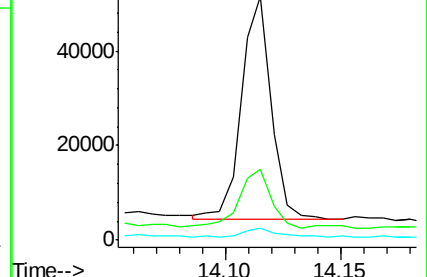
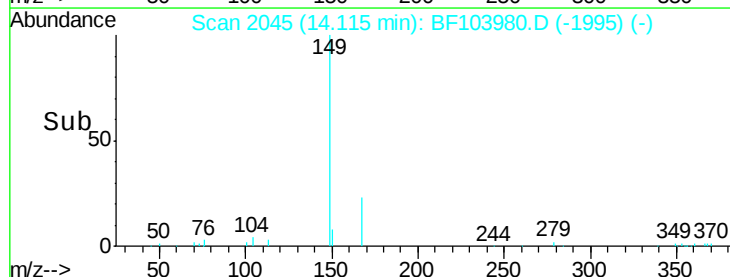
279 4.8 3.0 4.4#

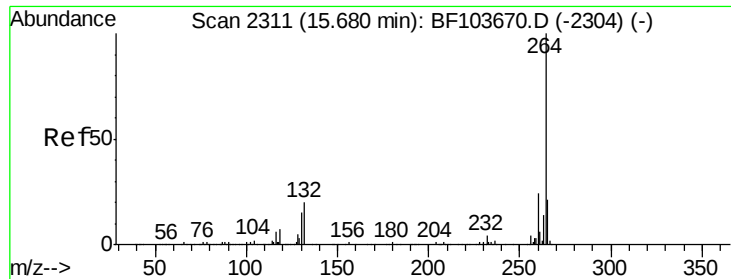


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103980.D
Acq: 27 Mar 2018 19:55

Instrument :
BNA_F
ClientSampleId :
RO-CV-2036

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.7	17.5	26.3

