

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113664.D
 Acq On : 9 Apr 2019 16:34
 Operator : JU/SJ
 Sample : K2316-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:24:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

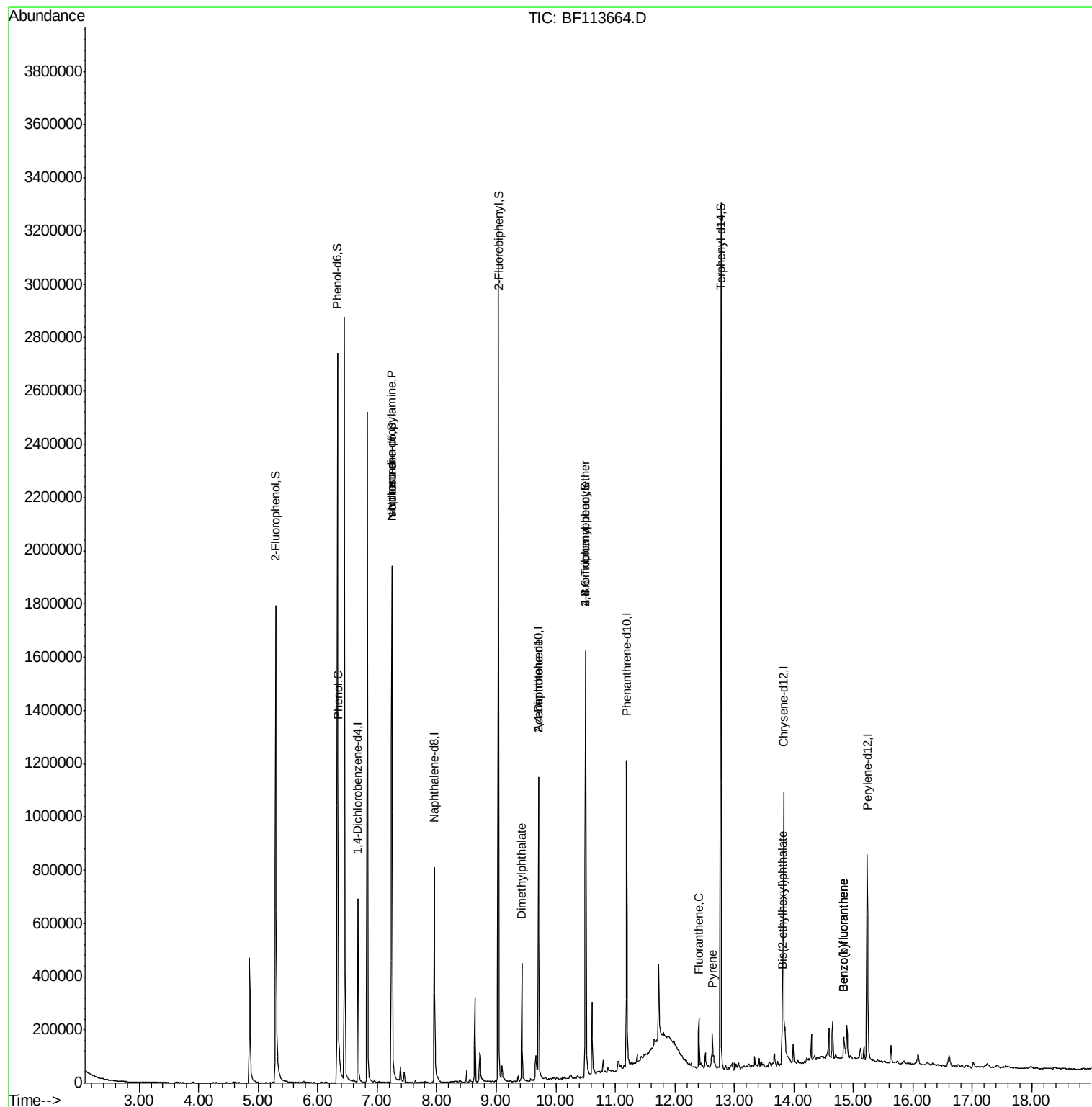
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	118004	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	448544	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	220671	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	459492	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	379093	20.00	ng	-0.02
87) Perylene-d12	15.23	264	332411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	645564	93.29	ng	0.00
7) Phenol-d6	6.33	99	1092164	128.05	ng	0.00
23) Nitrobenzene-d5	7.25	82	660084	86.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	243180	91.74	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1056448	77.07	ng	-0.02
79) Terphenyl-d14	12.77	244	1203319	64.63	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	21122	2.168	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	85313	16.221	ng	# 78
25) Isophorone	7.25	82	660075	44.747	ng	# 64
50) Dimethylphthalate	9.43	163	192602	11.840	ng	99
57) 2,4-Dinitrotoluene	9.71	165	27789	6.408	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	13528	2.625	ng	# 1
75) Fluoranthene	12.40	202	79600	3.253	ng	98
78) Pyrene	12.63	202	64073	2.221	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	44983	3.169	ng	98
88) Benzo(b)fluoranthene	14.84	252	58607	2.880	ng	# 96
89) Benzo(k)fluoranthene	14.84	252	58607	3.209	ng	# 95

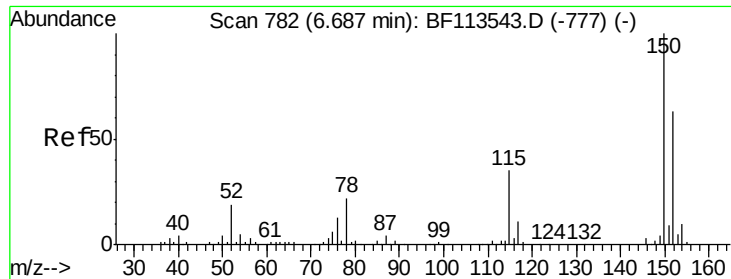
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
Data File : BF113664.D
Acq On : 9 Apr 2019 16:34
Operator : JU/SJ
Sample : K2316-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 02:24:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



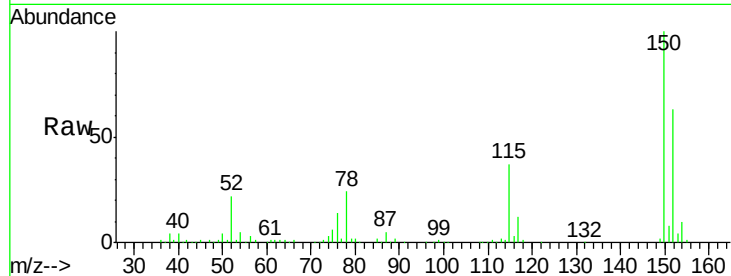


#1

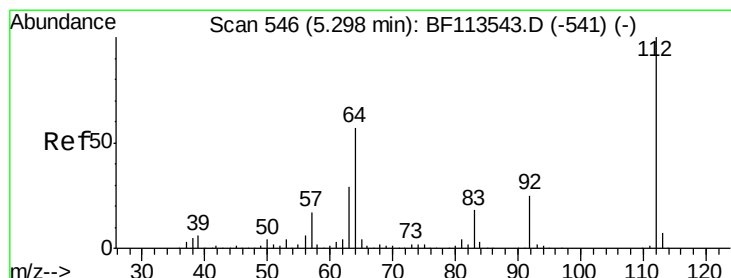
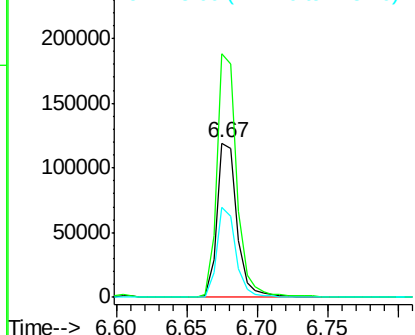
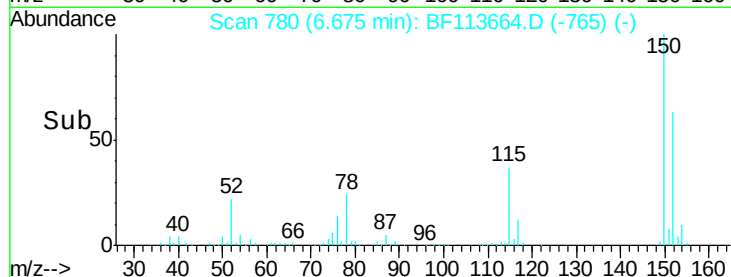
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118004
Ion Ratio Lower Upper
152 100
150 157.9 124.7 187.1
115 58.4 46.0 69.0



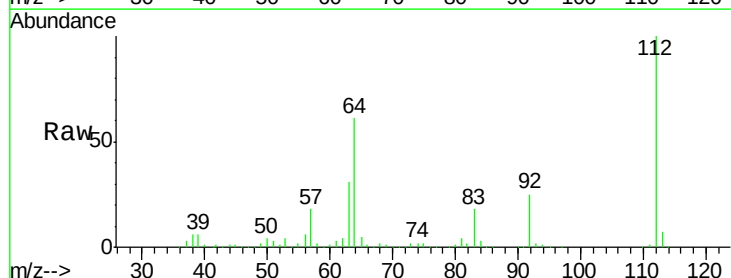
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



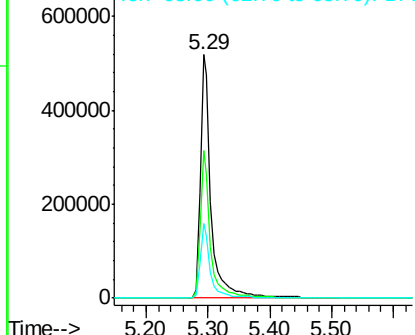
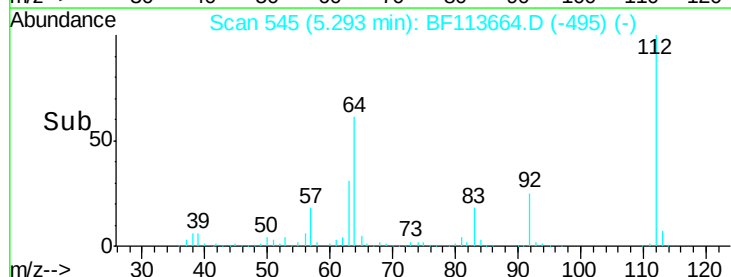
#5

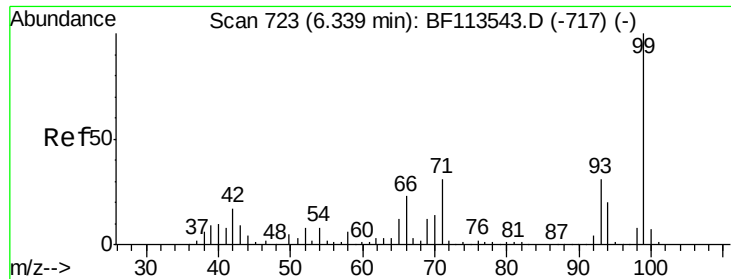
2-Fluorophenol
Concen: 93.288 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Tgt Ion:112 Resp: 645564
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 30.7 24.9 37.3



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: 128.052 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

Instrument :

BNA_F

ClientSampled :

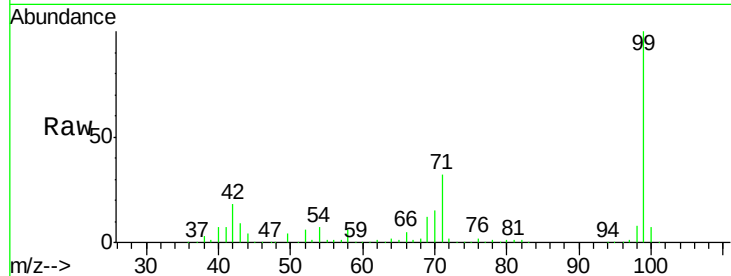
Tot Ion: 99 Resp: 1092164

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

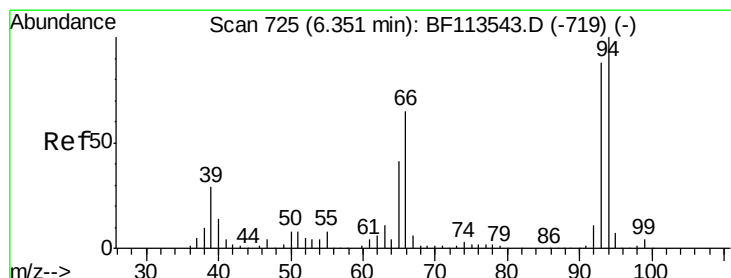
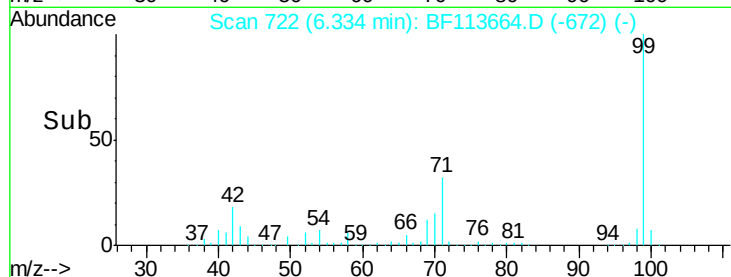
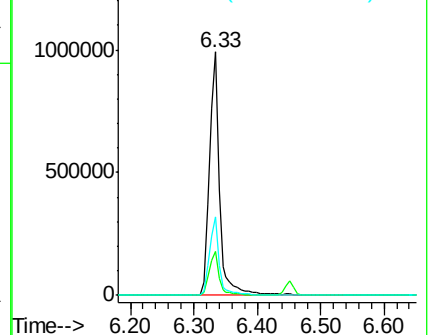
71 32.1 24.9 37.3



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: 2.168 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

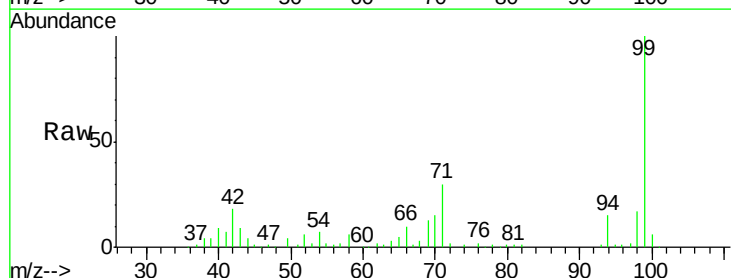
Tgt Ion: 94 Resp: 21122

Ion Ratio Lower Upper

94 100

65 32.8 21.4 61.4

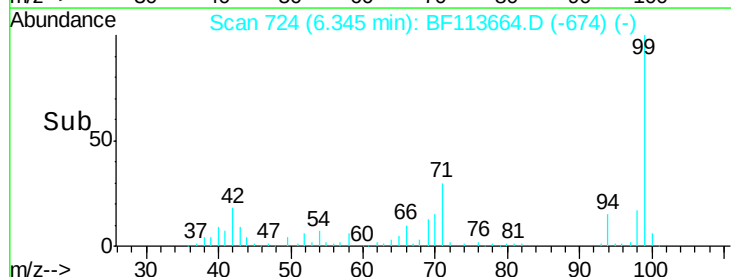
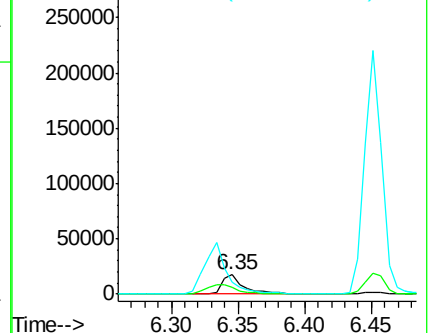
66 63.4 46.4 86.4

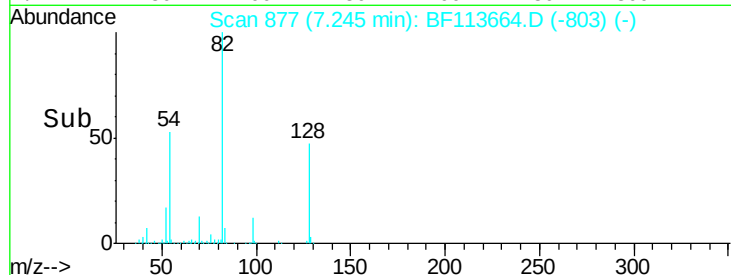
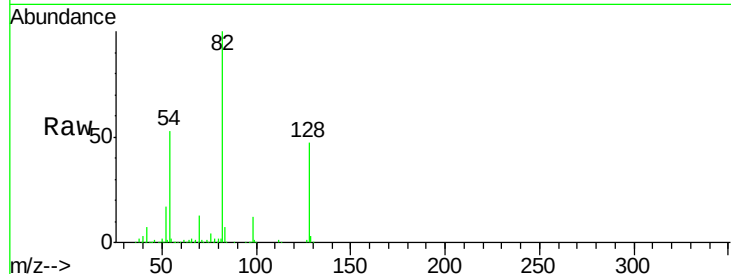
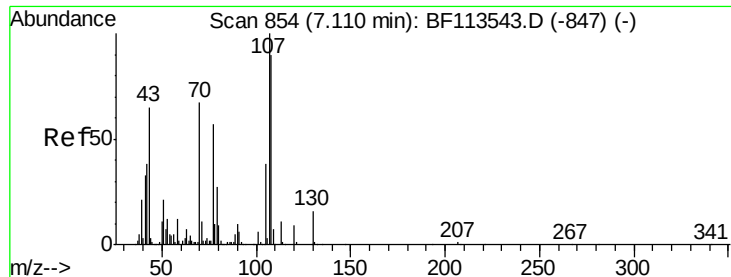


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

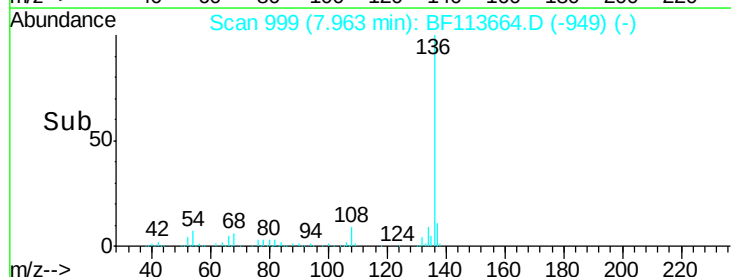
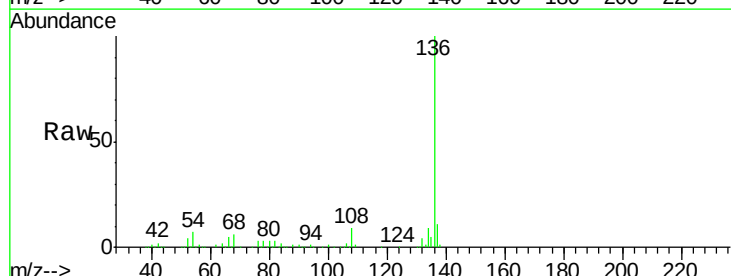
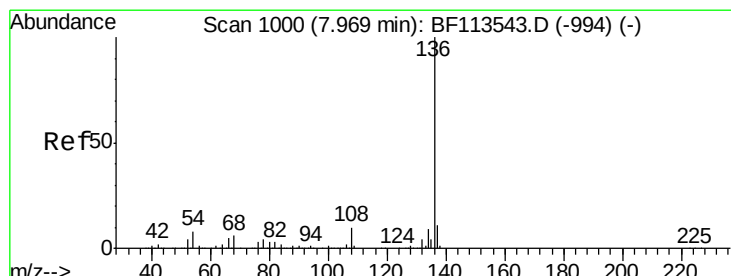
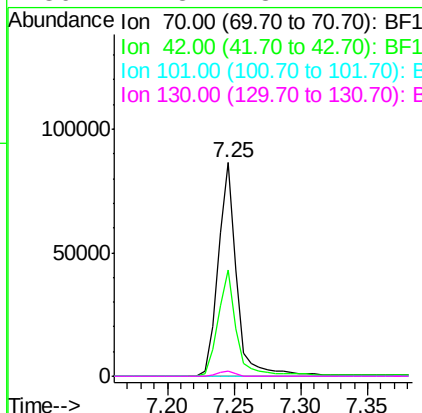




#19
n-Nitroso-di-n-propylamine
Concen: 16.221 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.14 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

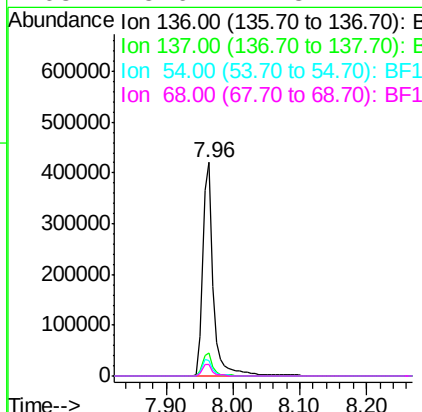
Instrument :
BNA_F
ClientSampleId :

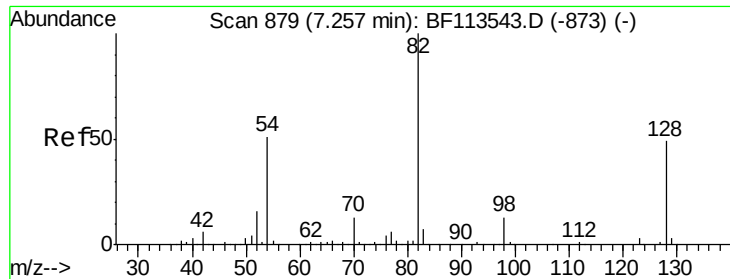
Tot Ion: 70 Resp: 85313
Ion Ratio Lower Upper
70 100
42 49.8 48.4 72.6
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Tgt Ion: 136 Resp: 448544
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.4 7.0 10.6
68 5.6 4.8 7.2

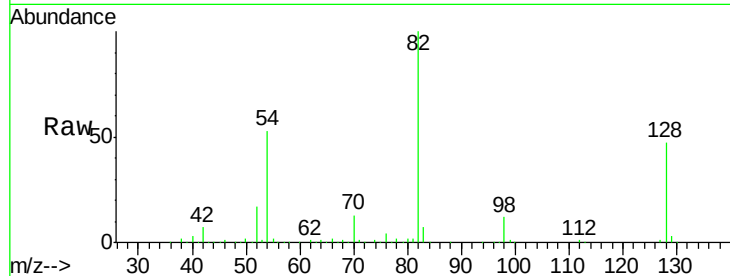




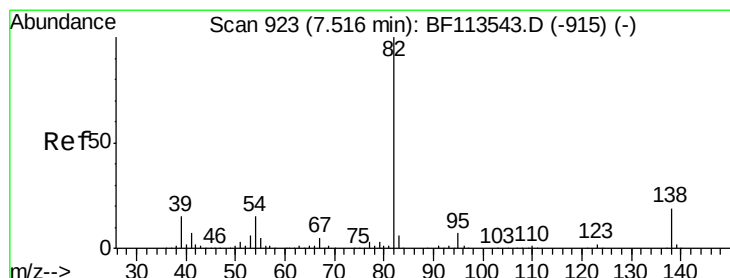
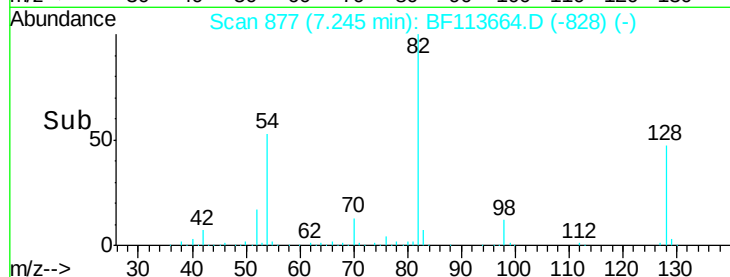
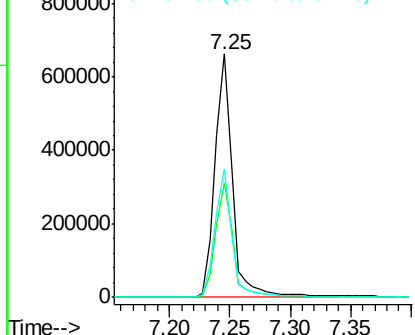
#23
 Nitrobenzene-d5
 Concen: 86.200 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 660084
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.5 54.7
 54 52.6 42.2 63.2

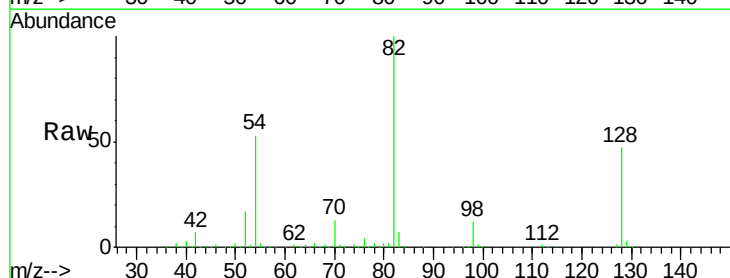


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

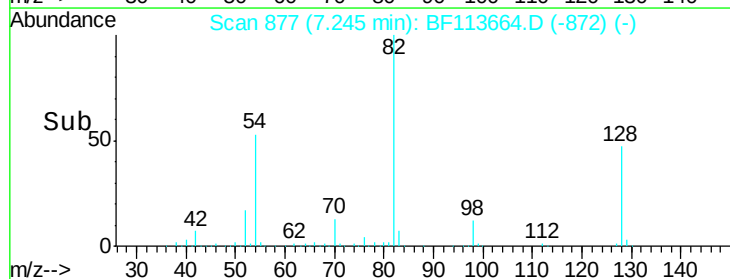
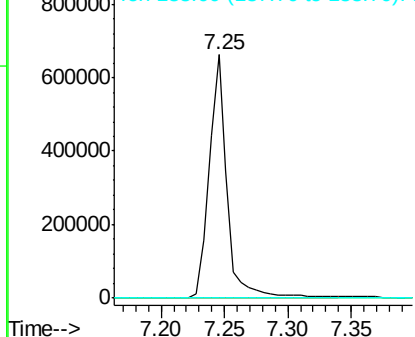


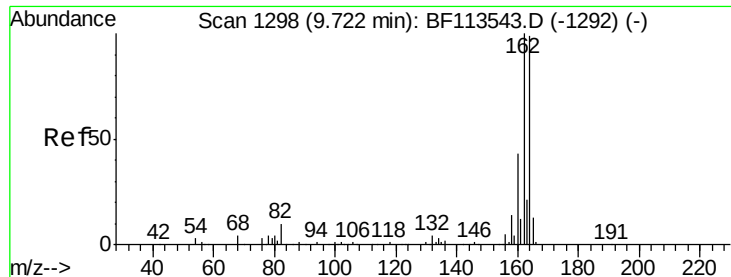
#25
 Isophorone
 Concen: 44.747 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.27 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Tgt Ion: 82 Resp: 660075
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 15.2 22.8#



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

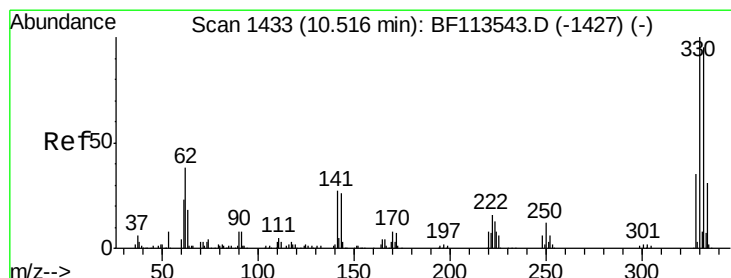
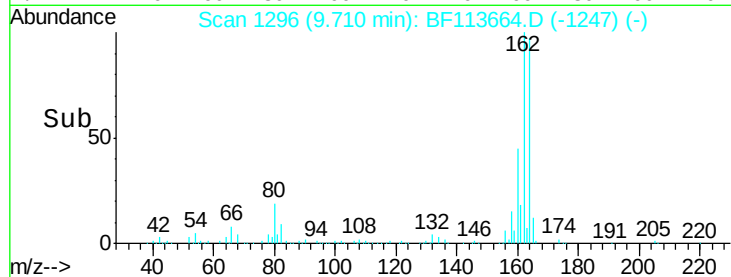
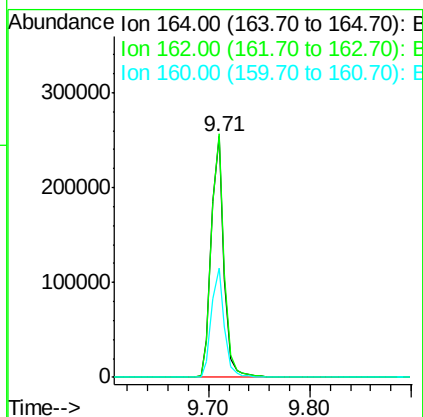
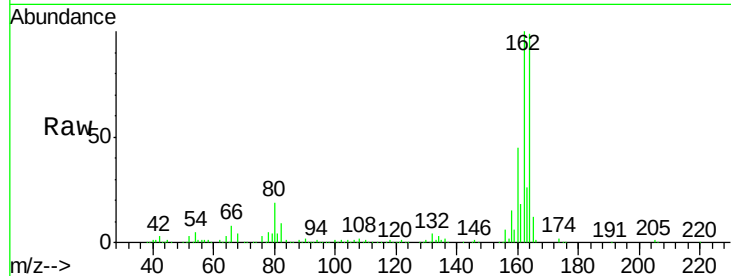




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

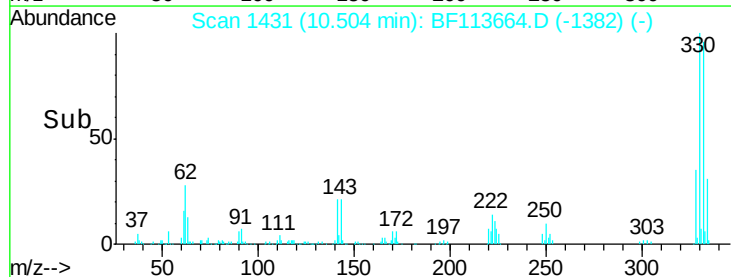
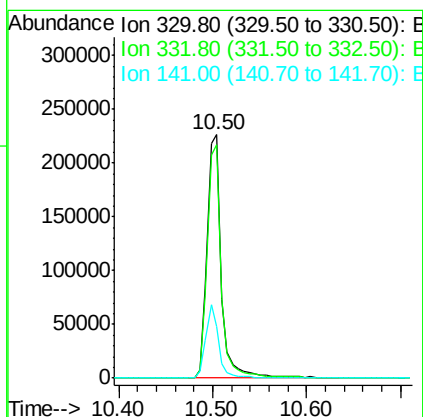
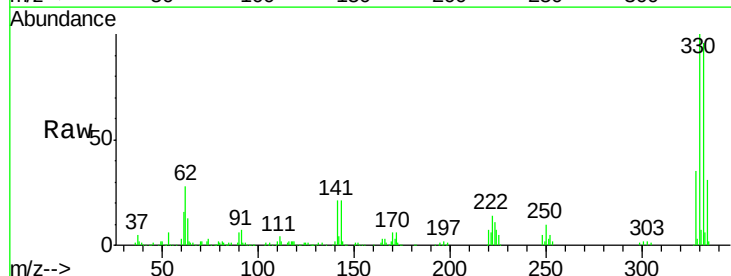
Instrument :
 BNA_F
 ClientSampleId :

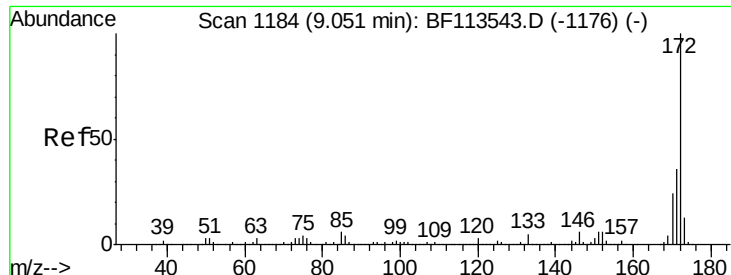
Tot Ion:164 Resp: 220671
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.8 122.6
 160 45.1 36.4 54.6



#42
 2,4,6-Tribromophenol
 Concen: 91.738 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Tgt Ion:330 Resp: 243180
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 27.5 22.7 34.1

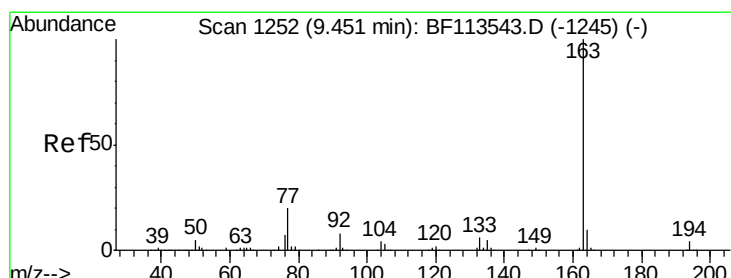
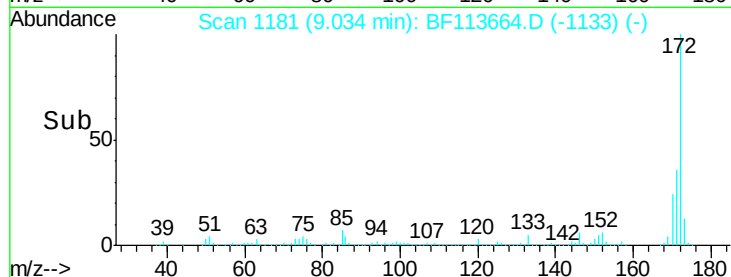
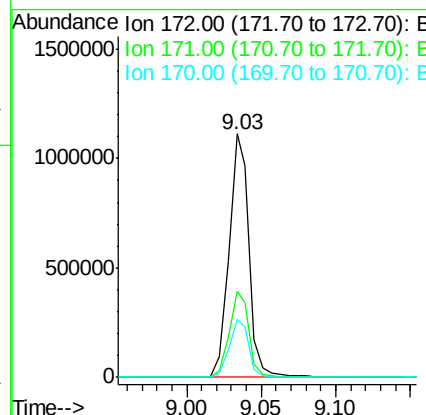
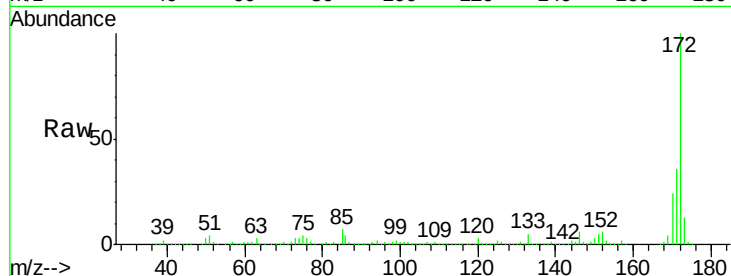




#45
2-Fluorobiphenyl
Concen: 77.072 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

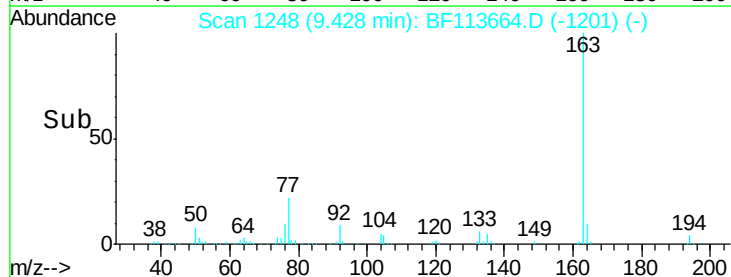
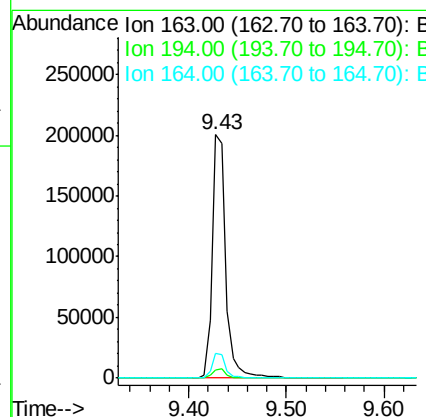
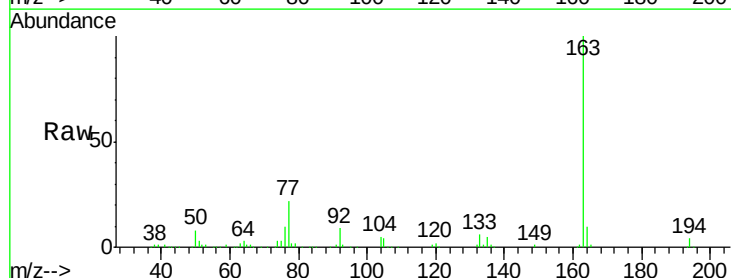
Instrument :
BNA_F
ClientSampled :

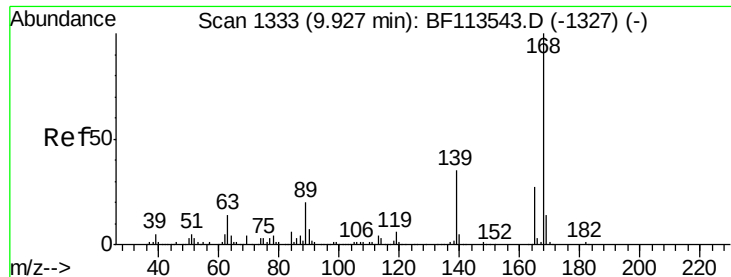
Tot Ion:172 Resp: 1056448
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 11.840 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Tgt Ion:163 Resp: 192602
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.3 8.1 12.1

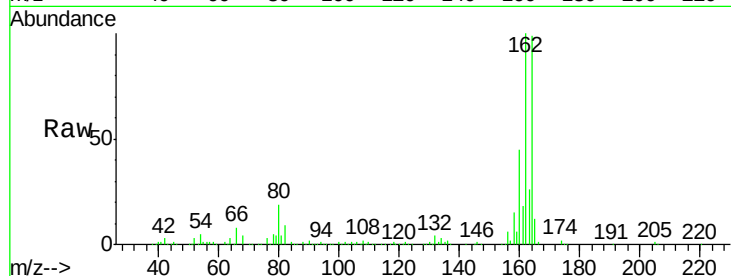




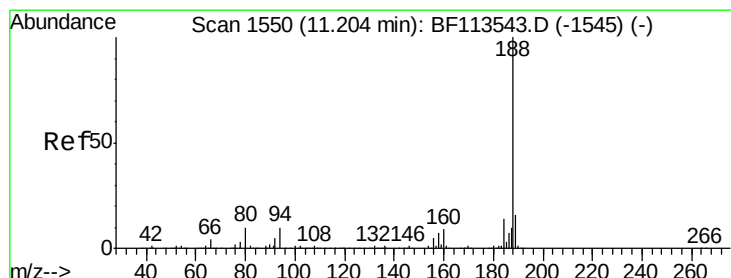
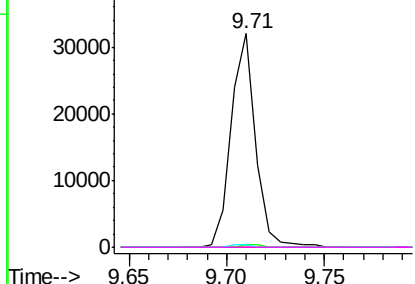
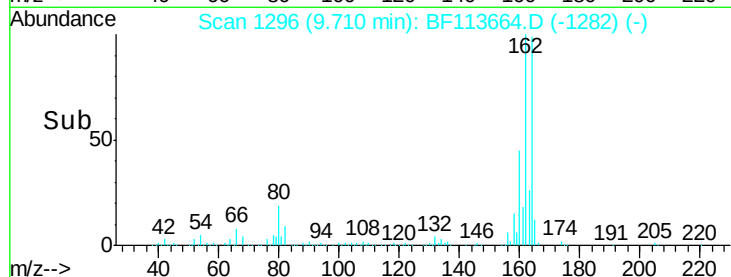
#57
 2,4-Dinitrotoluene
 Concen: 6.408 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 27789
 Ion Ratio Lower Upper
 165 100
 63 1.2 37.5 56.3#
 89 1.5 57.4 86.2#
 182 0.0 2.0 3.0#

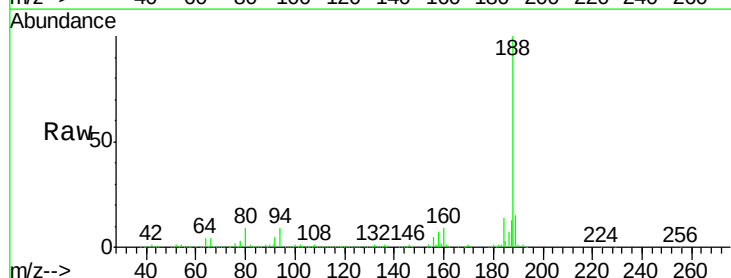


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

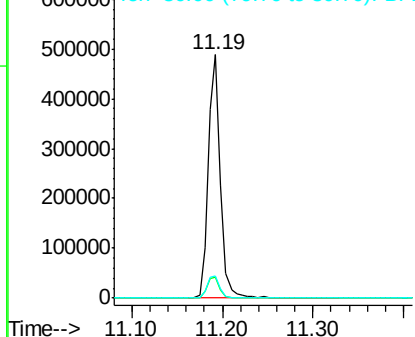
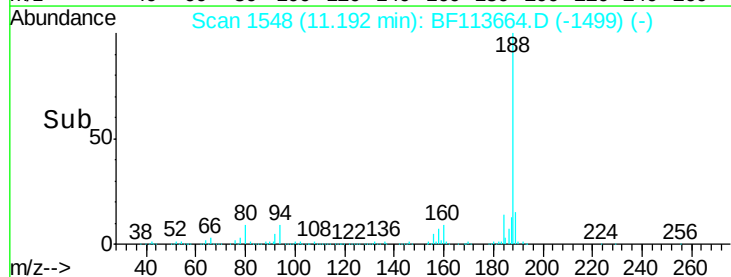


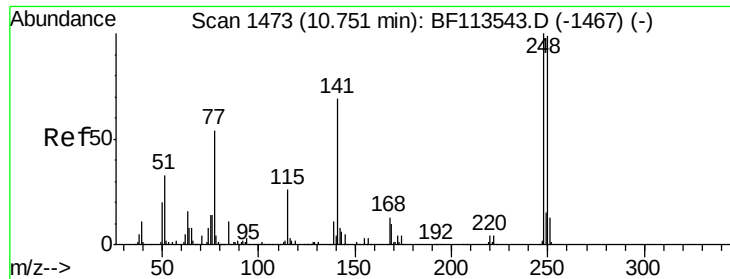
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Tgt Ion:188 Resp: 459492
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.6
 80 9.3 7.7 11.5



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

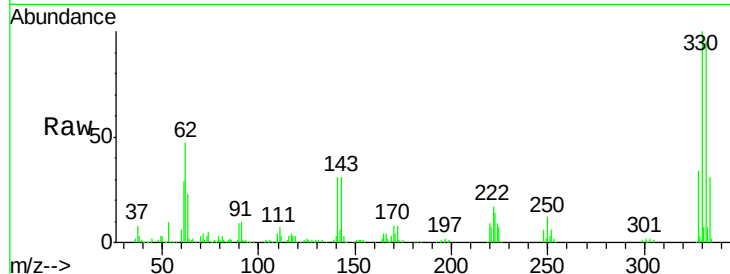




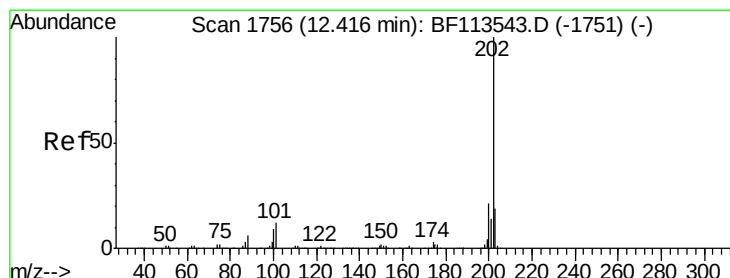
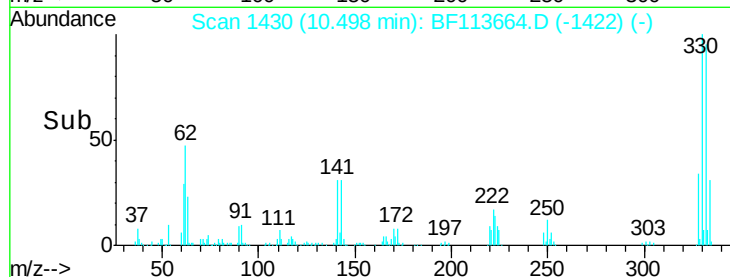
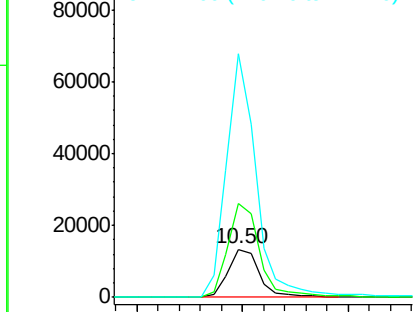
#67
 4-Bromophenyl-phenylether
 Concen: 2.625 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13528
 Ion Ratio Lower Upper
 248 100
 250 195.7 78.3 117.5#
 141 504.3 56.2 84.4#

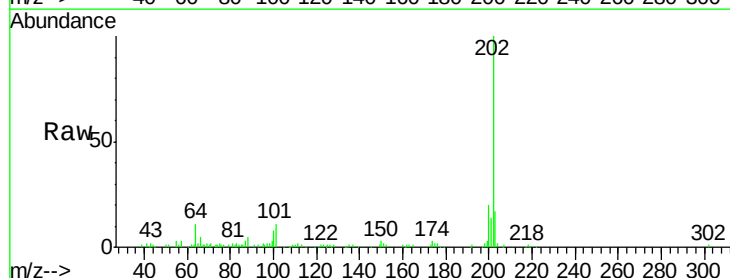


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

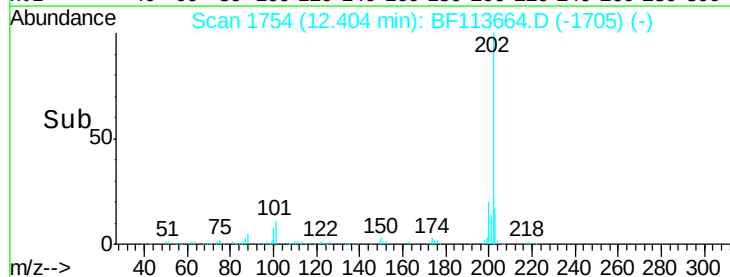
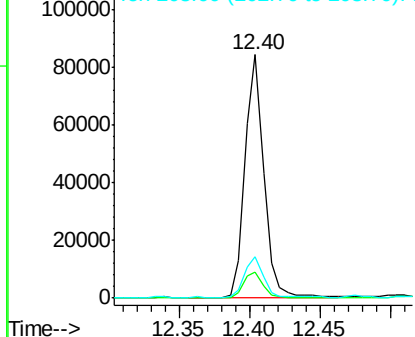


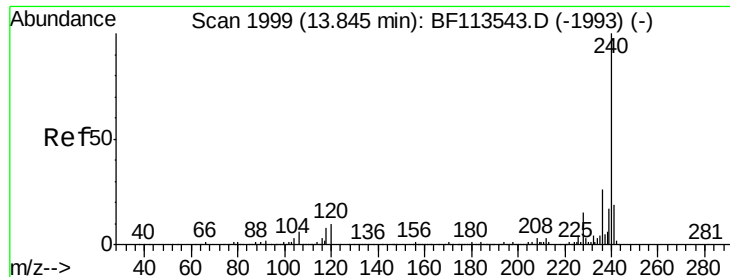
#75
 Fluoranthene
 Concen: 3.253 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Tgt Ion:202 Resp: 79600
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.4
 203 17.1 0.0 38.0



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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

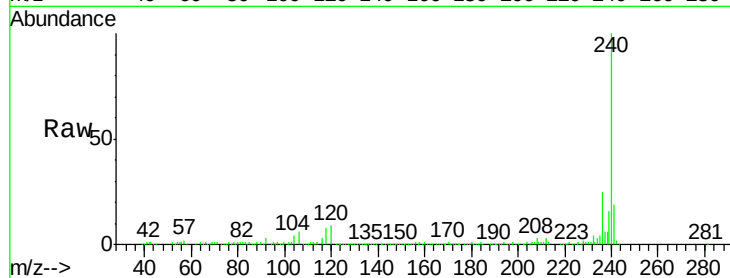
Tot Ion:240 Resp: 379093

Ion Ratio Lower Upper

240 100

120 9.5 8.8 13.2

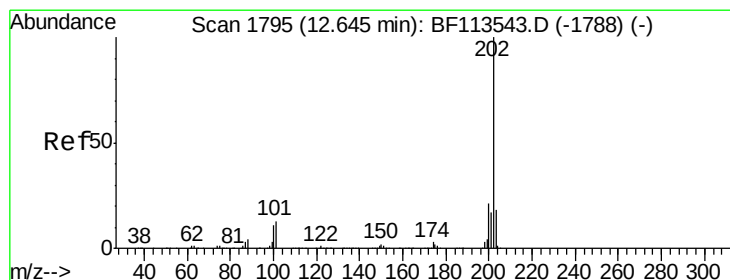
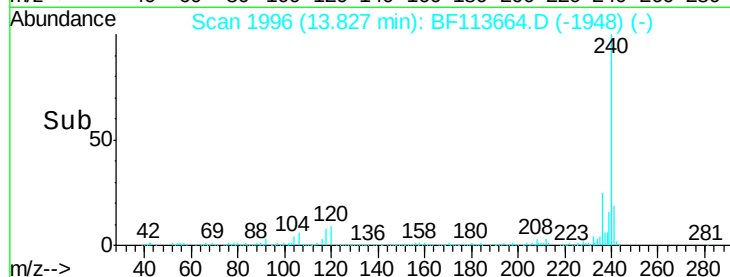
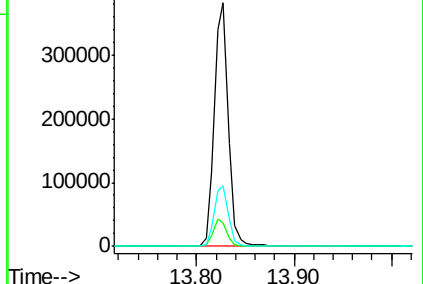
236 25.1 20.9 31.3



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: 2.221 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

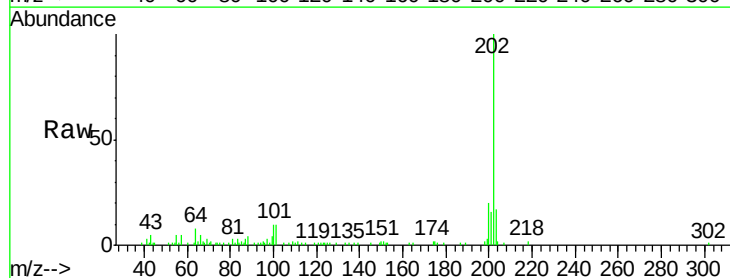
Tgt Ion:202 Resp: 64073

Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

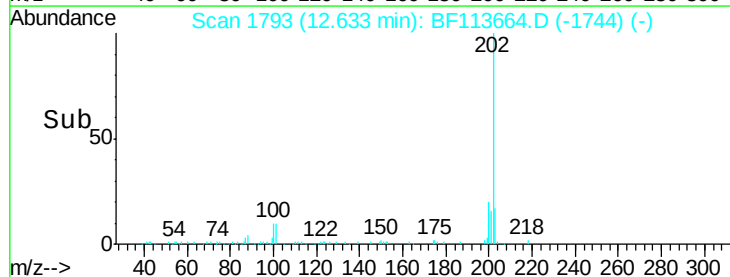
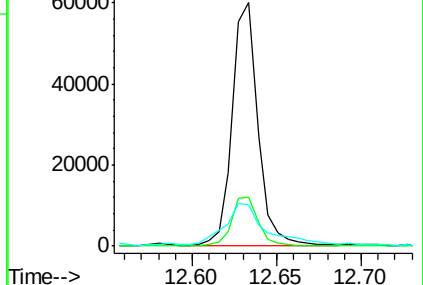
203 17.0 14.4 21.6

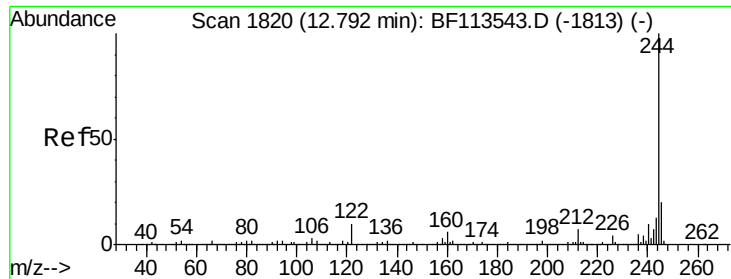


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



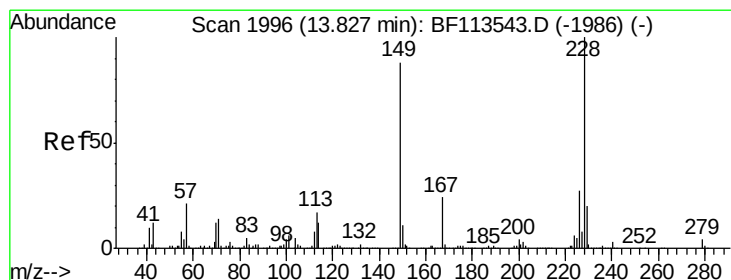
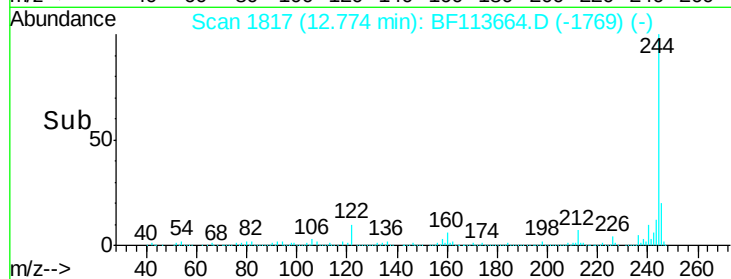
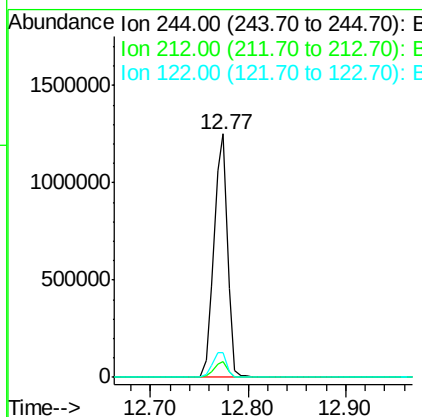
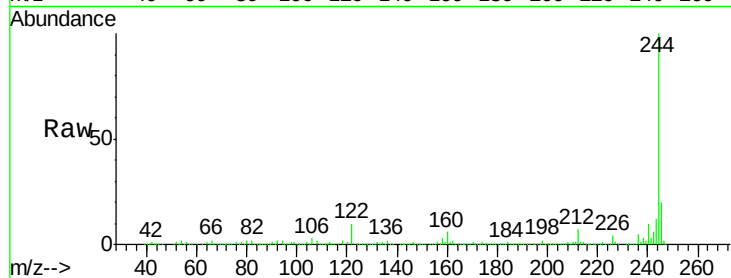


#79
 Terphenyl-d14
 Concen: 64.627 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1203319

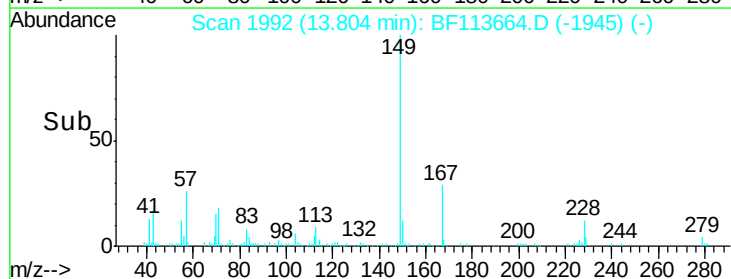
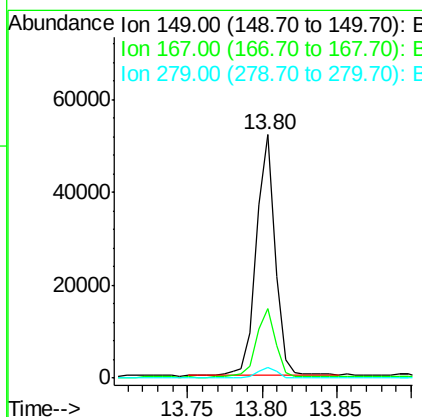
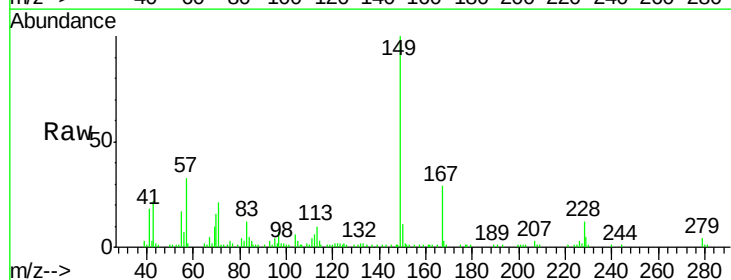
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	10.0	8.6	13.0

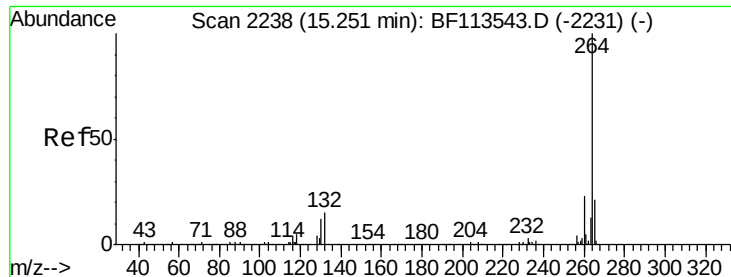


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.169 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Tgt Ion:149 Resp: 44983

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.8	32.8
279	4.2	2.9	4.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

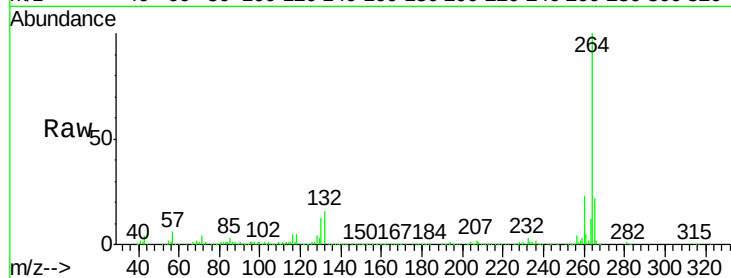
Tot Ion:264 Resp: 332411

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

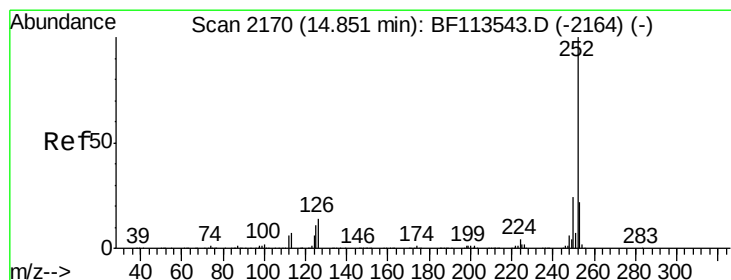
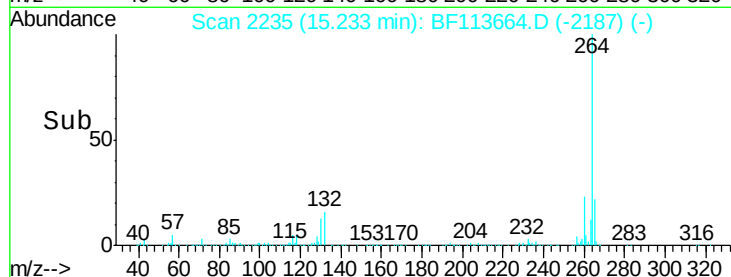
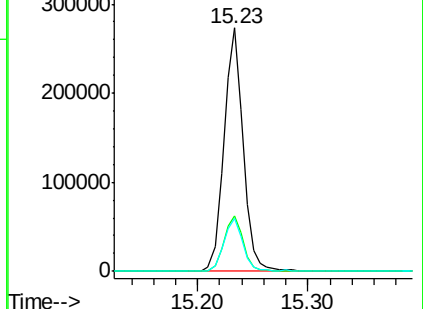
265 21.6 17.1 25.7



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



#88

Benzo(b)fluoranthene

Concen: 2.880 ng

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

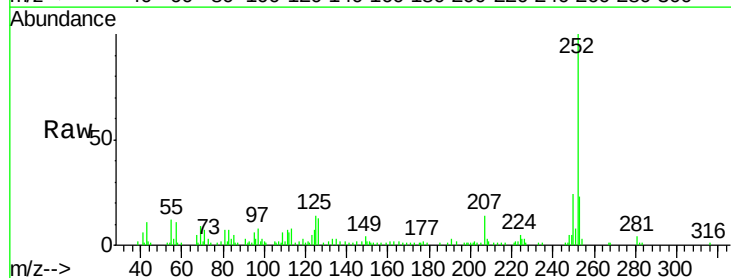
Tgt Ion:252 Resp: 58607

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

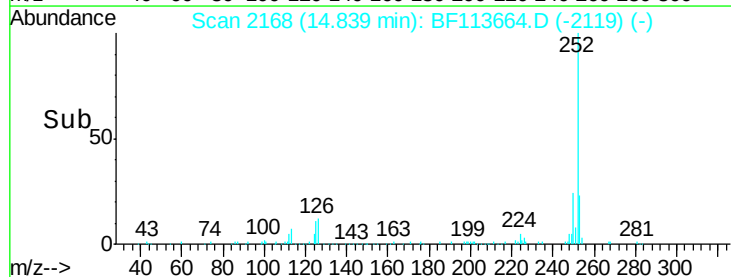
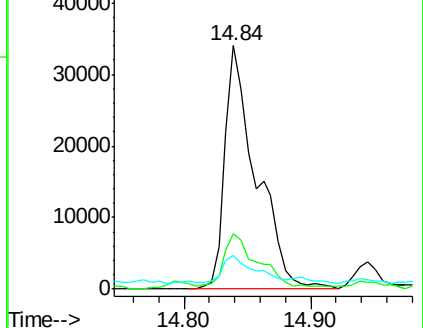
125 14.0 7.6 11.4#

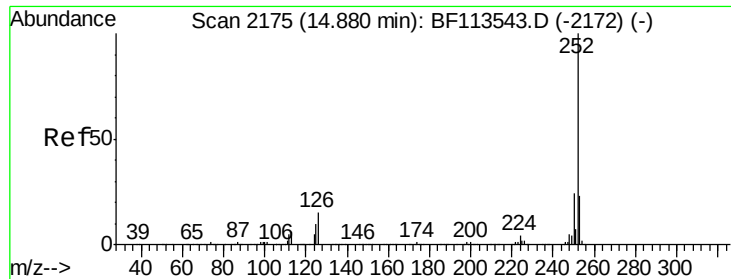


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

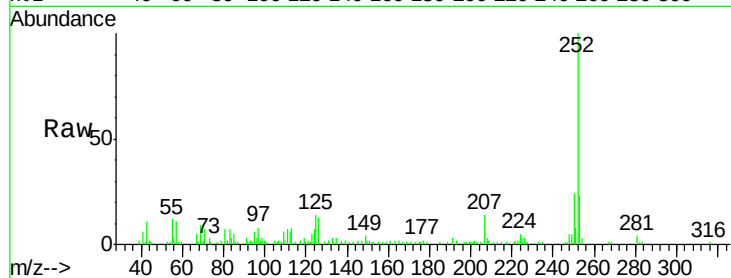




#89
 Benzo(k)fluoranthene
 Concen: 3.209 ng
 RT: 14.84 min Scan# 2168
 Delta R.T. -0.04 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	14.0	7.3	10.9



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

