

Data File : BF118700.D
Acq On : 24 Jan 2020 22:03
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

Quant Time: Jan 27 01:07:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	257658	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	930940	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	481162	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	822754	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	525564	20.00	ng	-0.03
87) Perylene-d12	15.48	264	627334	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	309050	22.28	ng	-0.02
7) Phenol-d6	6.49	99	813597	45.12	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1016766	61.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	82107	14.75	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	1697209	57.98	ng	-0.02
79) Terphenyl-d14	12.96	244	1669984	69.30	ng	-0.03

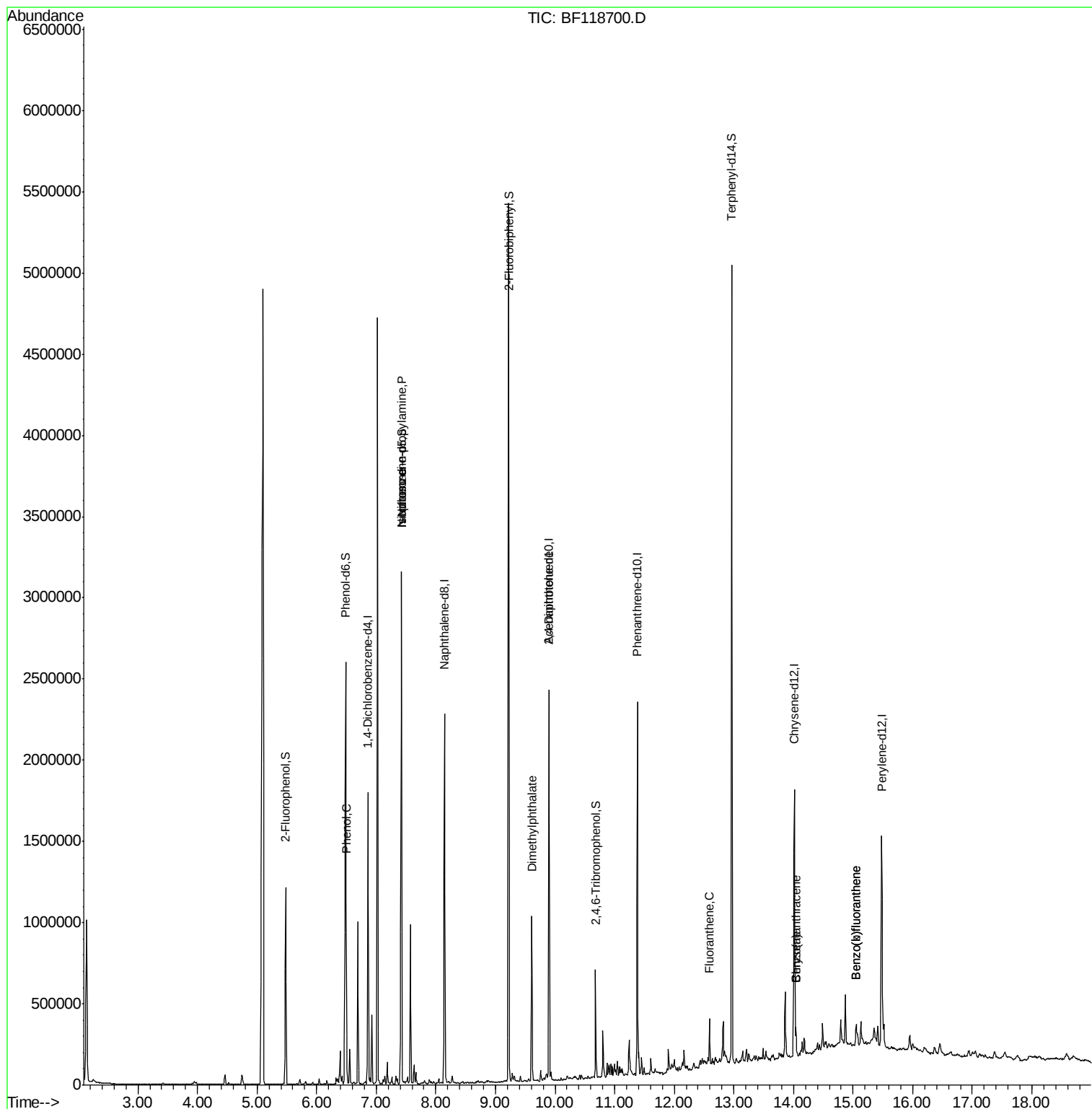
Target Compounds				Qvalue		
10) Phenol	6.50	94	78254	3.808	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	138833	11.403	ng	# 76
25) Isophorone	7.42	82	1016755	33.493	ng	# 64
50) Dimethylphthalate	9.61	163	384850	12.277	ng	98
57) 2,4-Dinitrotoluene	9.90	165	61712	6.974	ng	# 25
75) Fluoranthene	12.59	202	103161	2.464	ng	94
81) Benzo(a)anthracene	14.04	228	68794	2.176	ng	99
83) Chrysene	14.04	228	68794	2.270	ng	95
88) Benzo(b)fluoranthene	15.05	252	100613	2.552	ng	# 95
89) Benzo(k)fluoranthene	15.05	252	100613	2.754	ng	# 95

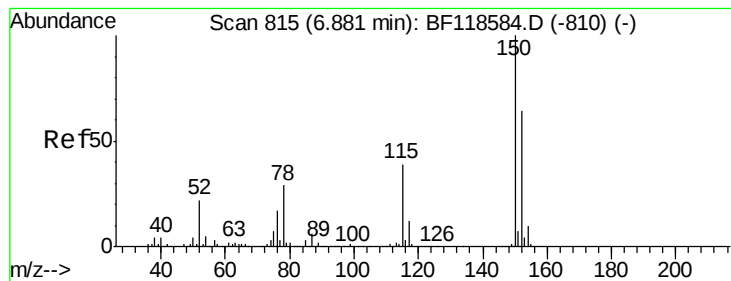
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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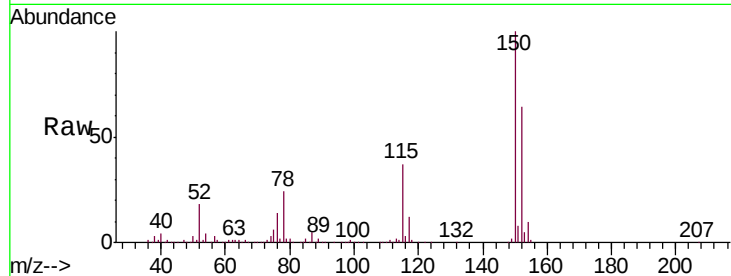


#1

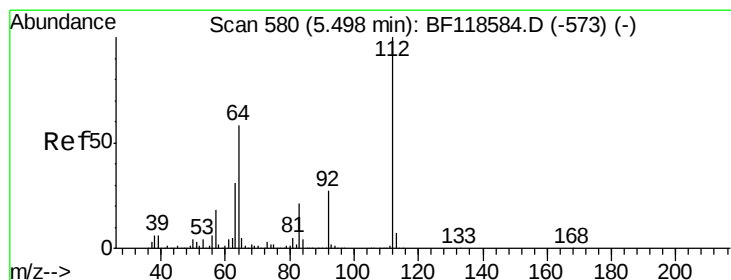
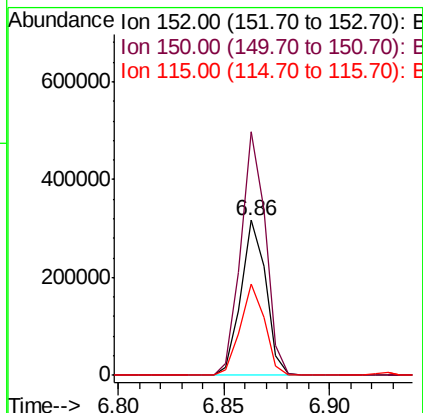
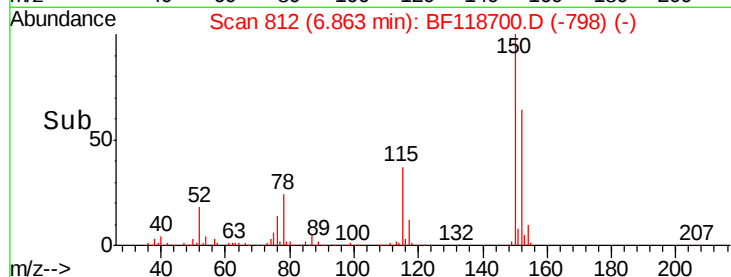
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

Tgt Ion:152 Resp: 257658
Ion Ratio Lower Upper
152 100
150 157.2 125.6 188.4
115 58.9 48.4 72.6



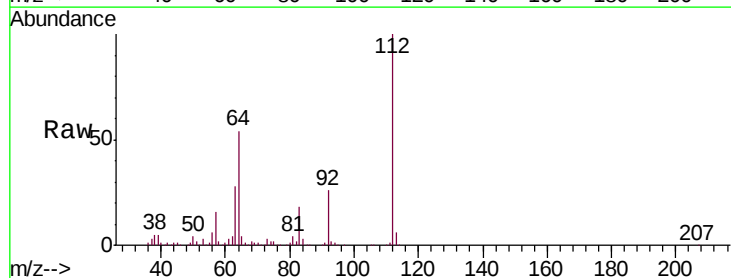
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



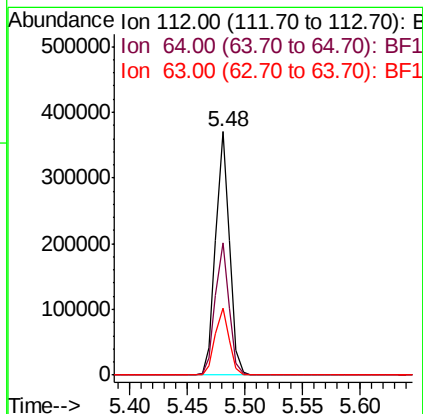
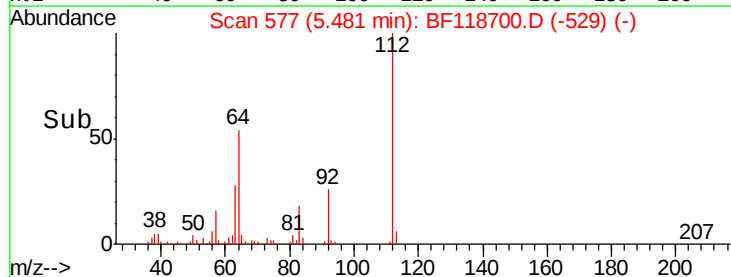
#5

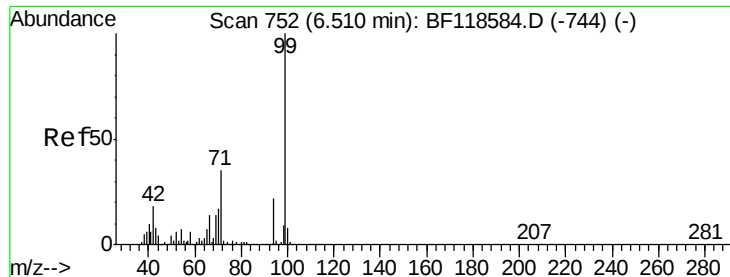
2-Fluorophenol
Concen: 22.277 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion:112 Resp: 309050
Ion Ratio Lower Upper
112 100
64 54.4 46.6 70.0
63 27.8 25.1 37.7



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: 45.121 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

Instrument :

BNA_F

ClientSampleId :

20200064-AMENDED-COMP-2

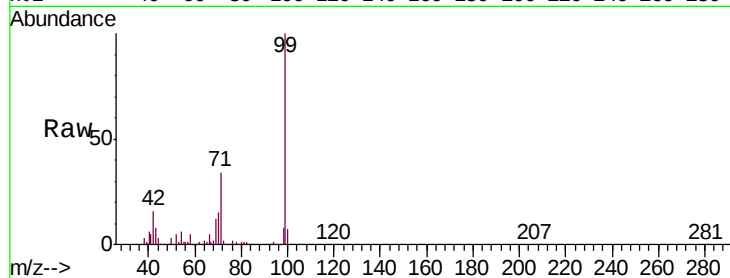
Tgt Ion: 99 Resp: 813597

Ion Ratio Lower Upper

99 100

42 15.8 14.2 21.2

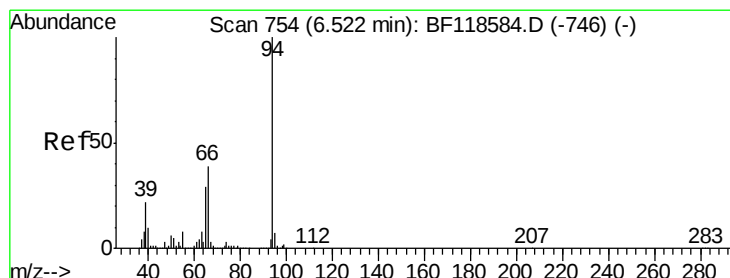
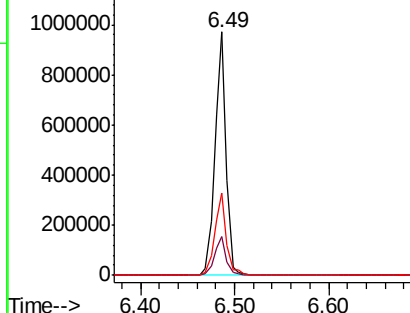
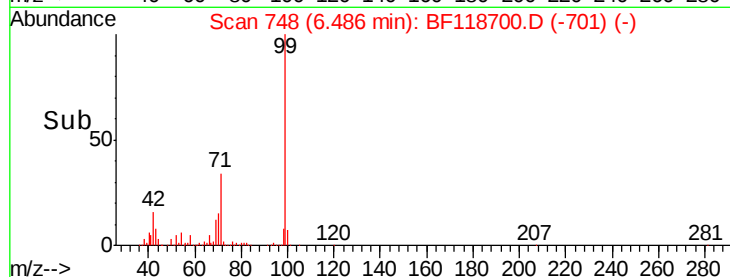
71 33.8 27.8 41.6



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: 3.808 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

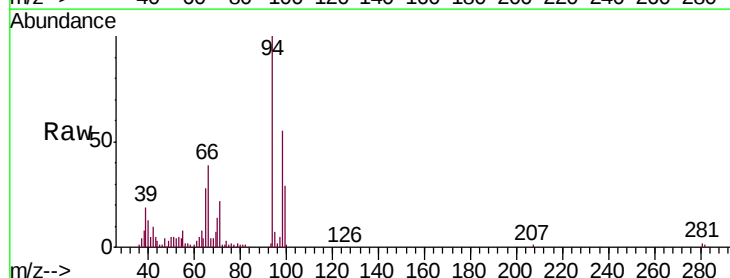
Tgt Ion: 94 Resp: 78254

Ion Ratio Lower Upper

94 100

65 27.5 9.5 49.5

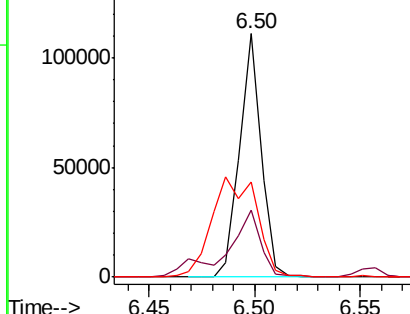
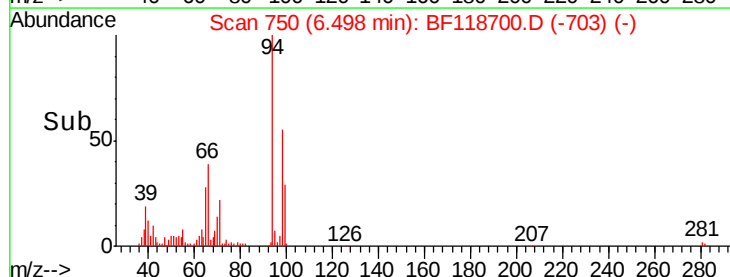
66 39.1 18.5 58.5

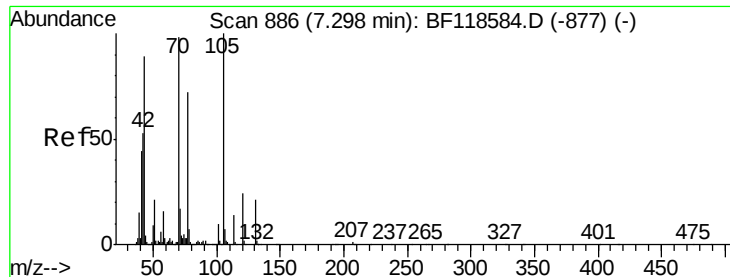


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

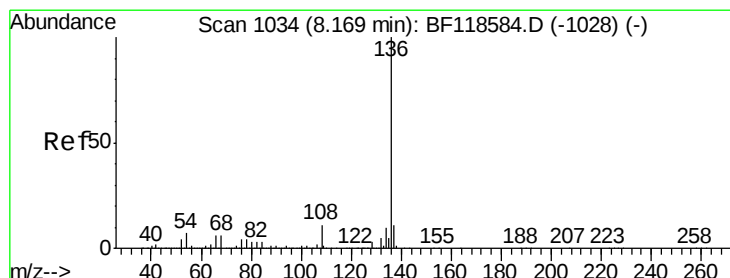
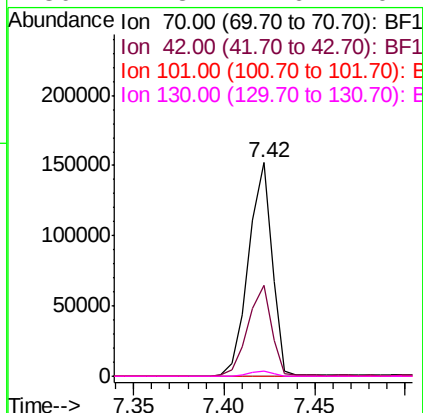
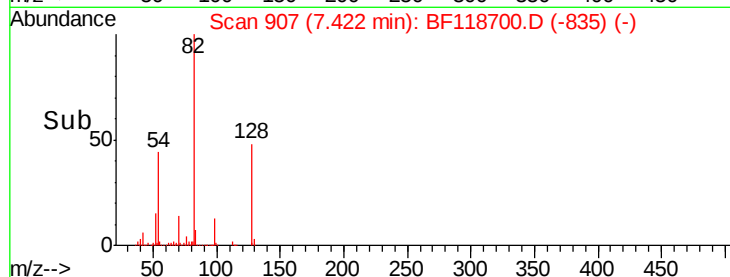
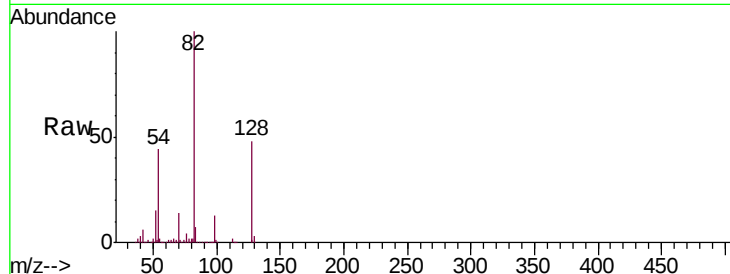




#19
n-Nitroso-di-n-propylamine
Concen: 11.403 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

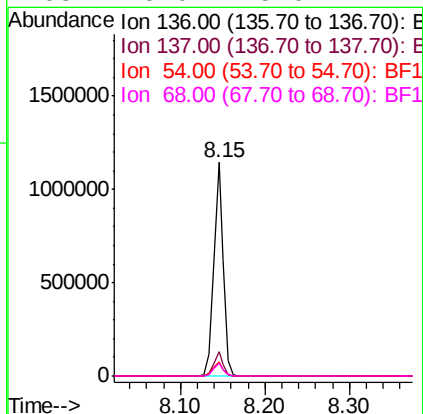
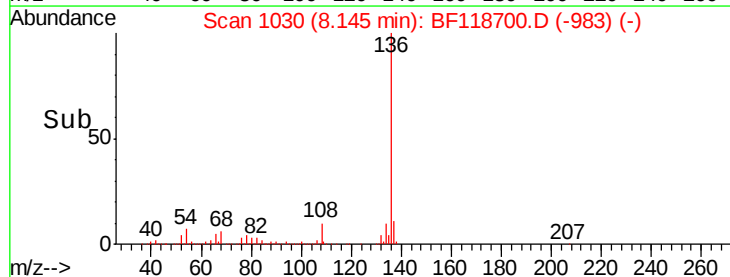
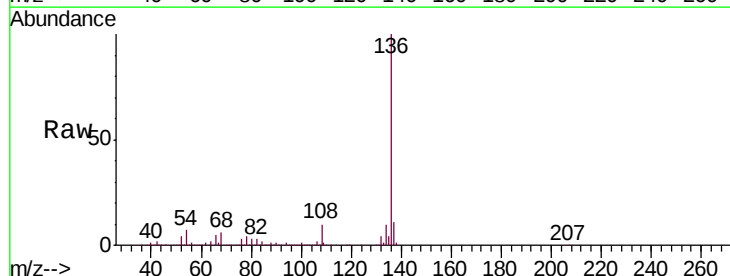
Instrument :
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20200064-AMENDED-COMP-2

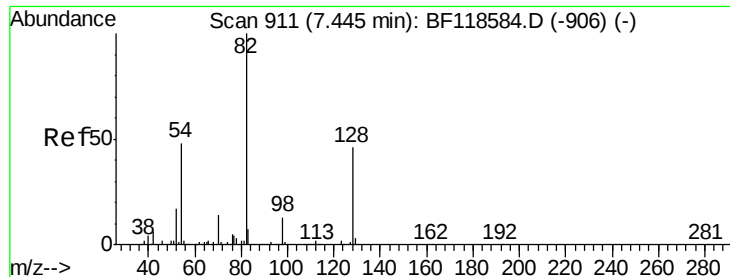
Tgt Ion: 70 Resp: 138833
Ion Ratio Lower Upper
70 100
42 42.8 43.4 65.0#
101 0.0 8.1 12.1#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion: 136 Resp: 930940
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 6.8 5.8 8.6
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 61.091 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

Instrument :

BNA_F

ClientSampleId :

20200064-AMENDED-COMP-2

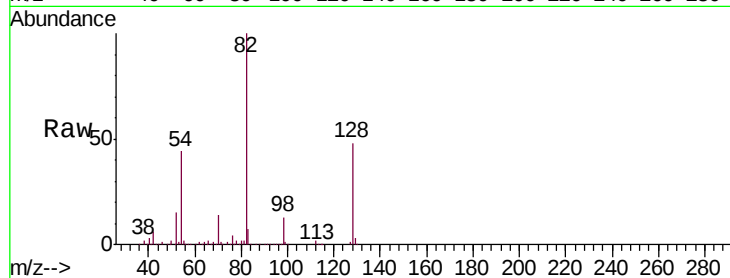
Tgt Ion: 82 Resp: 1016766

Ion Ratio Lower Upper

82 100

128 47.6 36.6 54.8

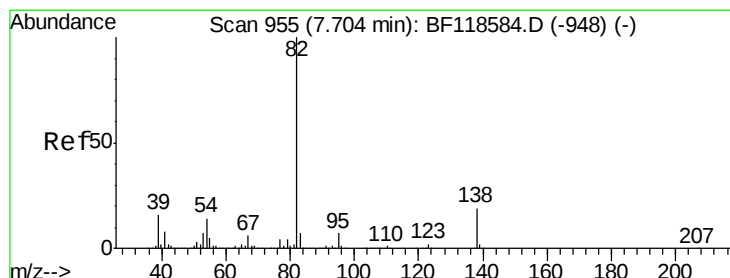
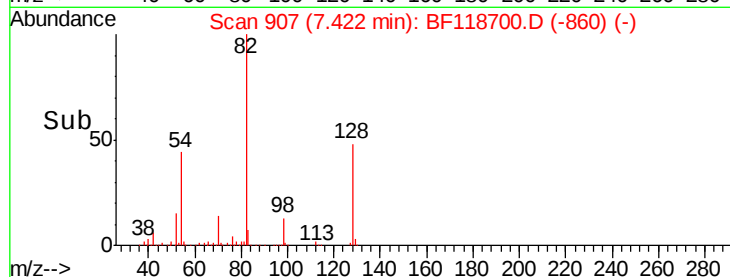
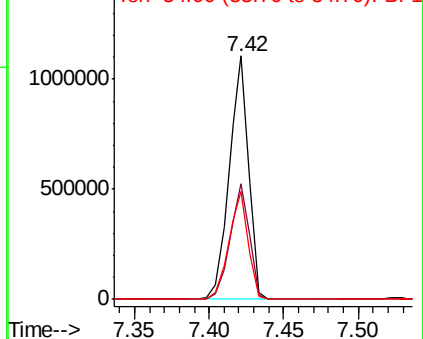
54 44.5 38.0 57.0



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: 33.493 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

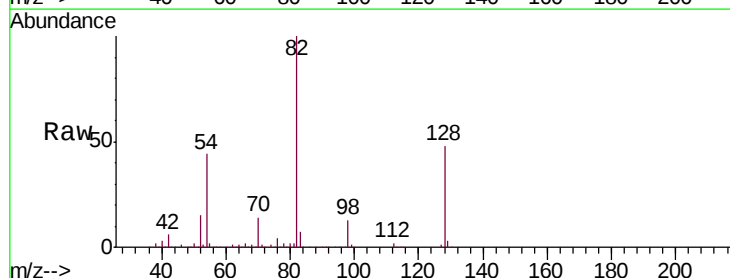
Tgt Ion: 82 Resp: 1016755

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

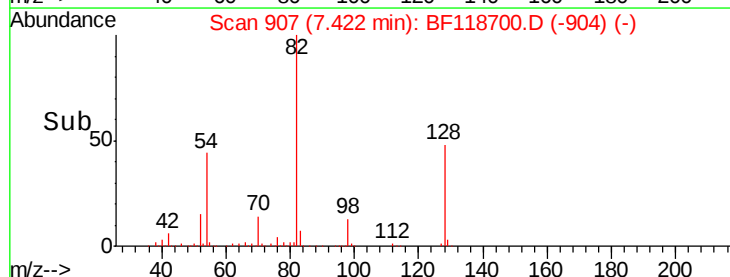
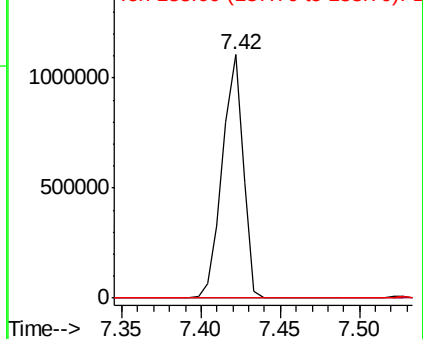
138 0.0 15.3 22.9#

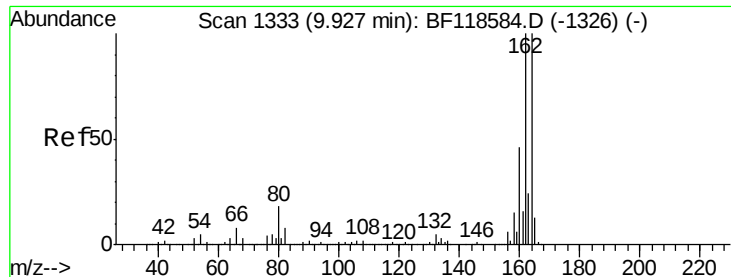


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

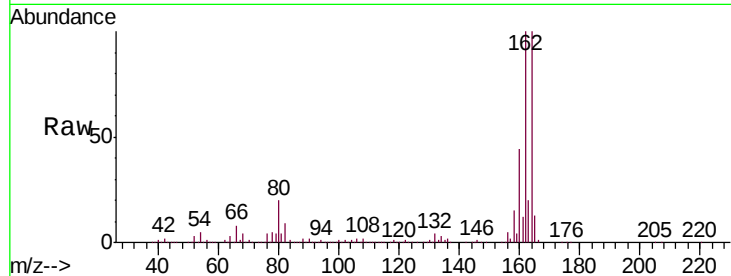




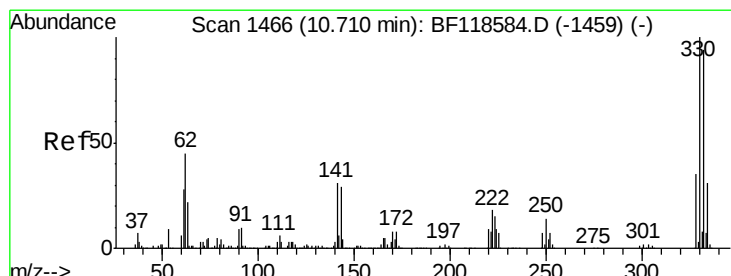
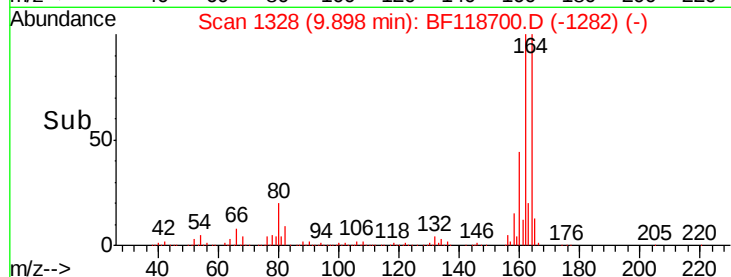
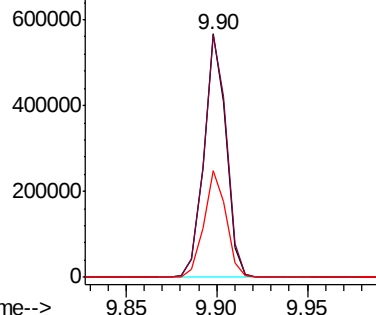
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Instrument :
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ClientSampleId :
20200064-AMENDED-COMP-2

Tgt Ion:164 Resp: 481162
Ion Ratio Lower Upper
164 100
162 99.8 80.4 120.6
160 44.1 36.6 55.0

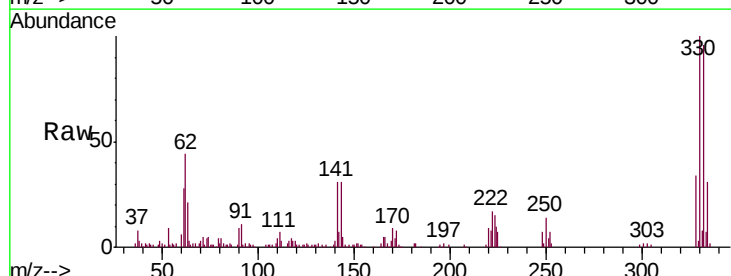


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

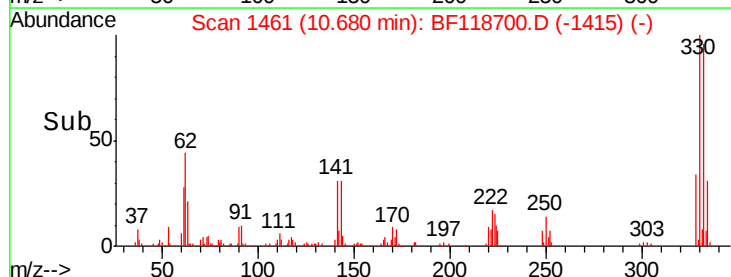
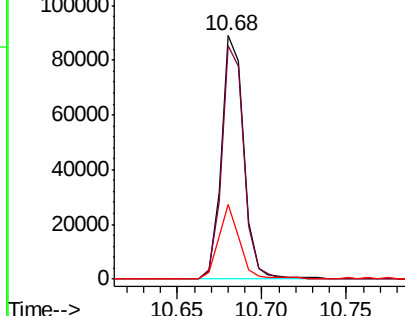


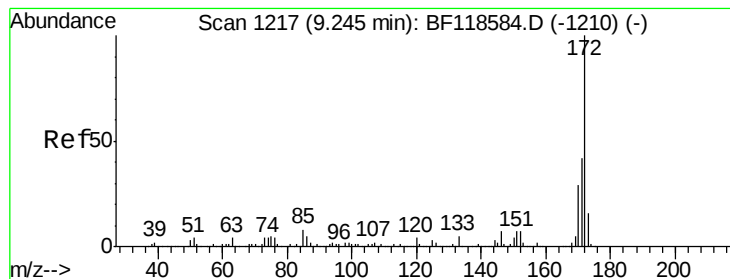
#42
2,4,6-Tribromophenol
Concen: 14.754 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion:330 Resp: 82107
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 29.5 23.9 35.9



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





#45

2-Fluorobiphenyl

Concen: 57.975 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

Instrument :

BNA_F

ClientSampleId :

20200064-AMENDED-COMP-2

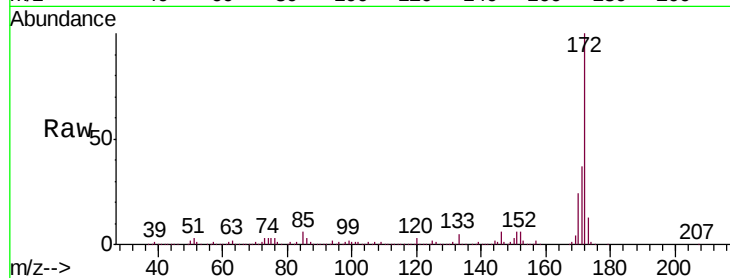
Tgt Ion:172 Resp: 1697209

Ion Ratio Lower Upper

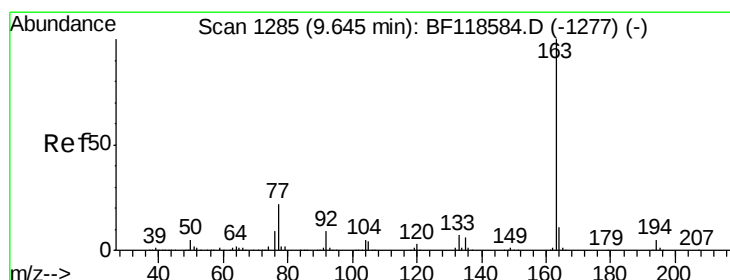
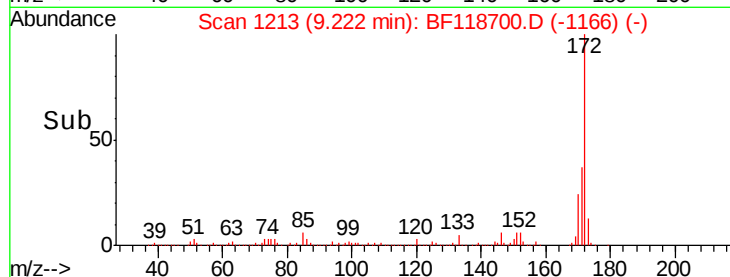
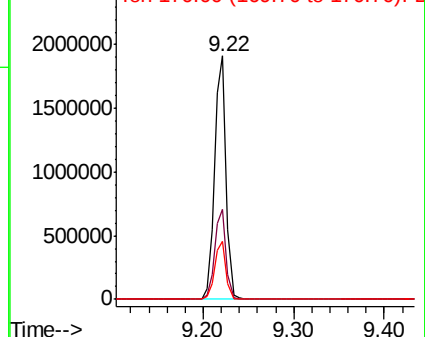
172 100

171 36.8 33.4 50.2

170 24.1 23.2 34.8



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



#50

Dimethylphthalate

Concen: 12.277 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.04 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

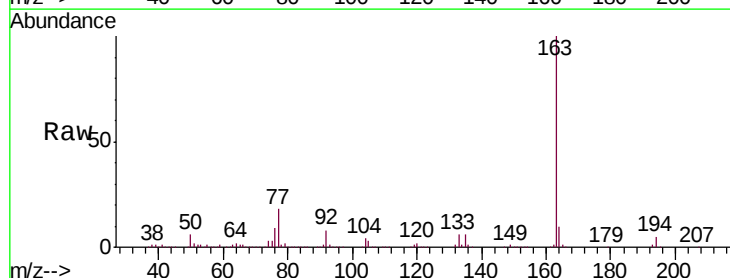
Tgt Ion:163 Resp: 384850

Ion Ratio Lower Upper

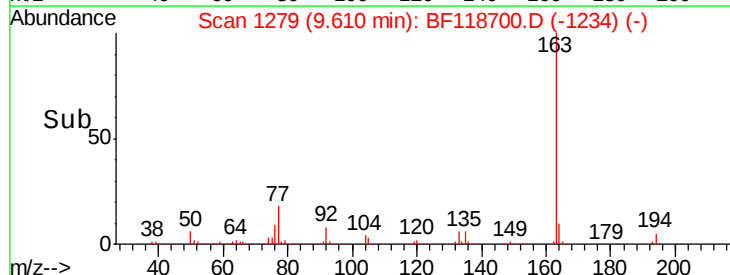
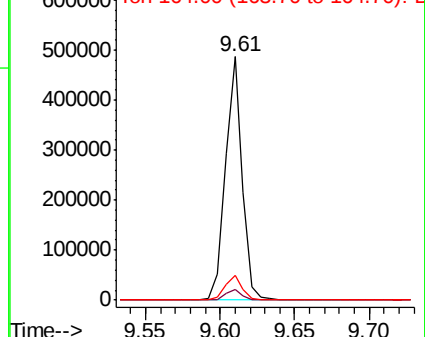
163 100

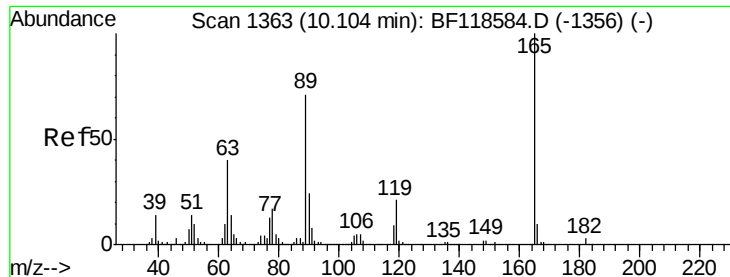
194 4.5 3.9 5.9

164 10.3 9.1 13.7



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

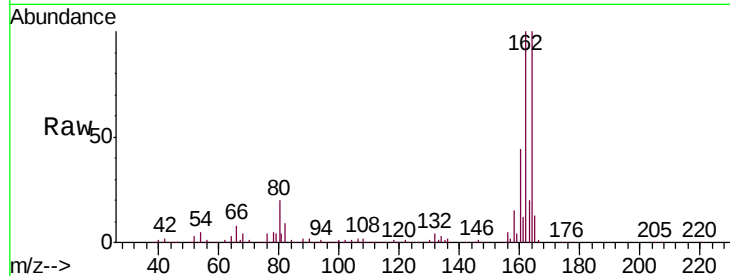




#57
 2,4-Dinitrotoluene
 Concen: 6.974 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118700.D
 Acq: 24 Jan 2020 22:03

Instrument :
 BNA_F
 ClientSampleId :
 20200064-AMENDED-COMP-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.4	48.6#
89	1.3	56.4	84.6#
182	0.0	2.3	3.5#

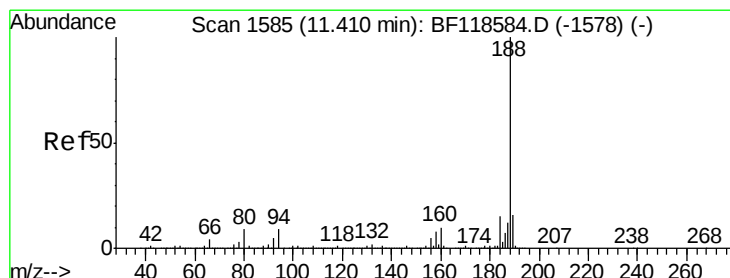
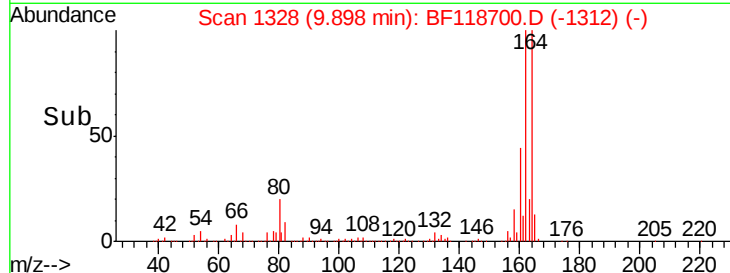
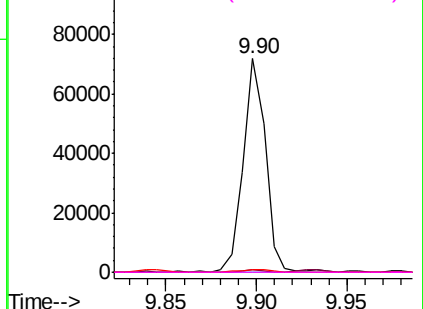


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

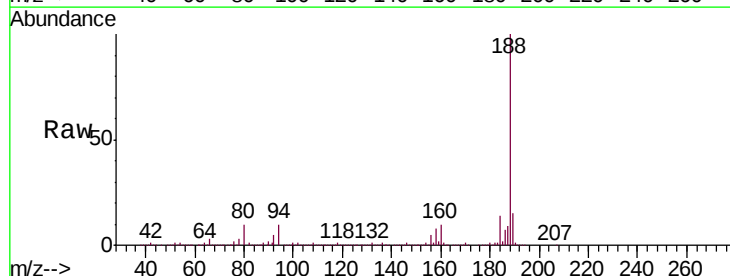
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118700.D
 Acq: 24 Jan 2020 22:03

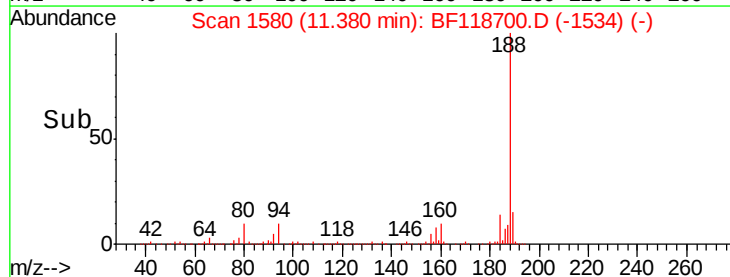
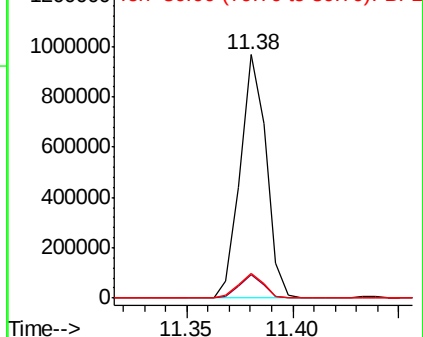
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.2	7.5	11.3

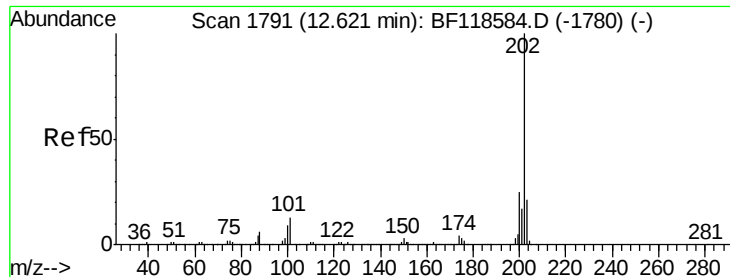


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.464 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

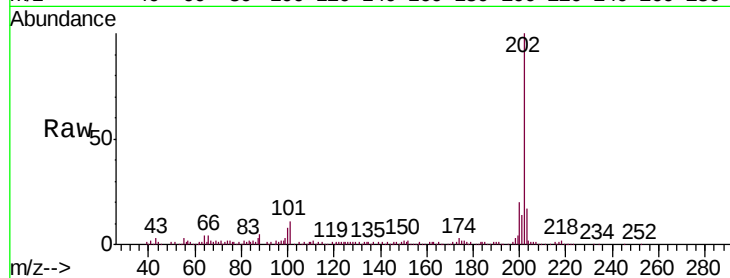
Instrument :

BNA_F

ClientSampleId :

20200064-AMENDED-COMP-2

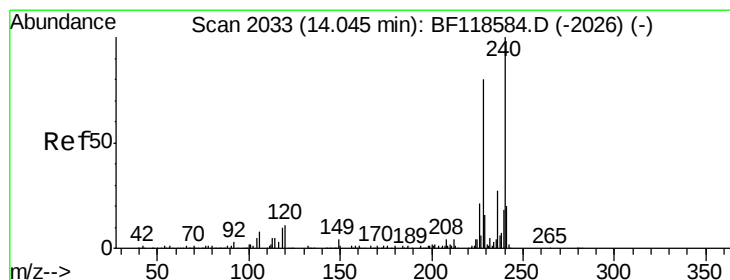
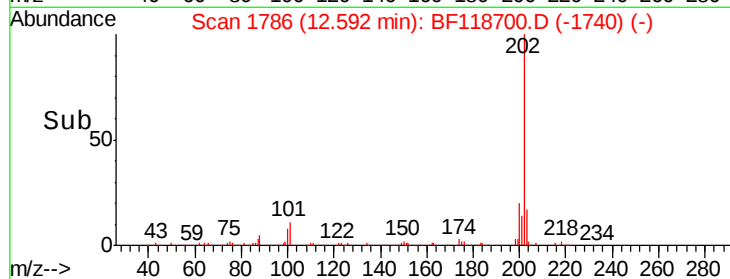
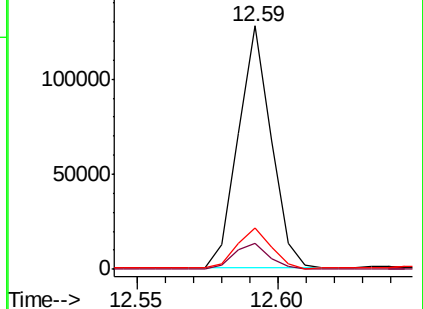
Tgt Ion:	202	Resp:	103161
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.5
203	17.2	0.8	40.8



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

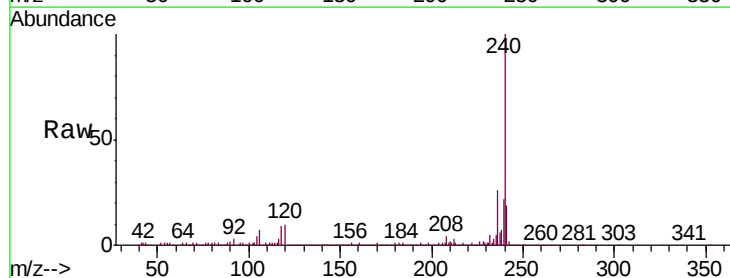
RT: 14.02 min Scan# 2028

Delta R.T. -0.03 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

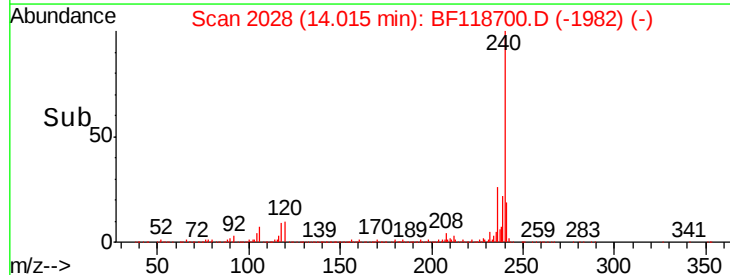
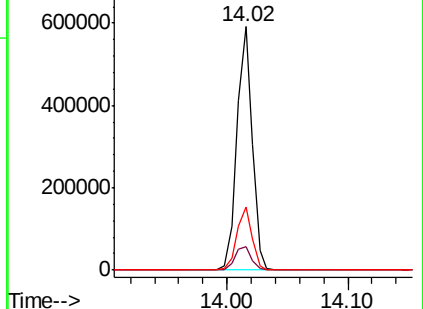
Tgt Ion:	240	Resp:	525564
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.9	13.3
236	26.0	21.5	32.3

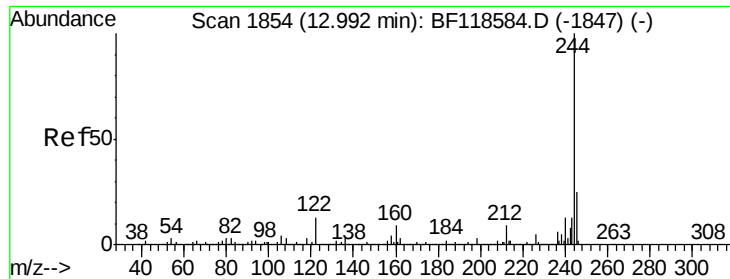


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

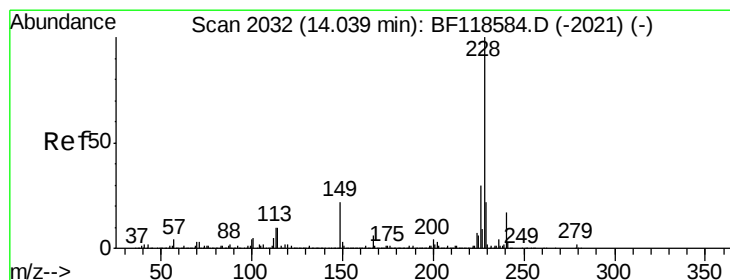
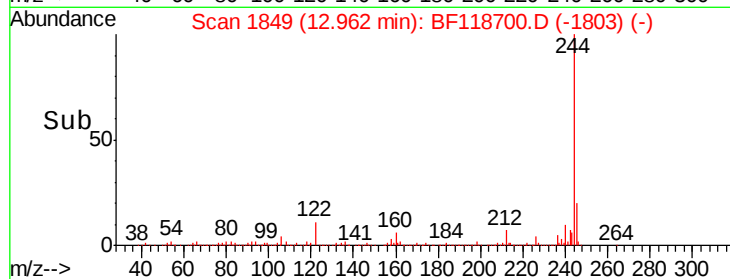
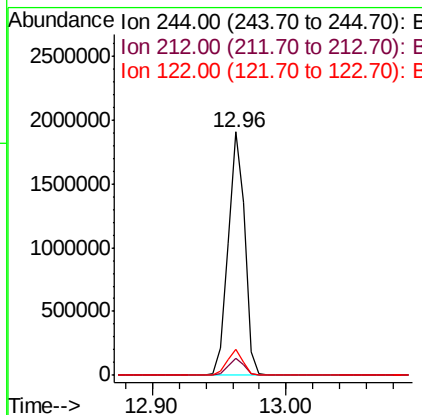
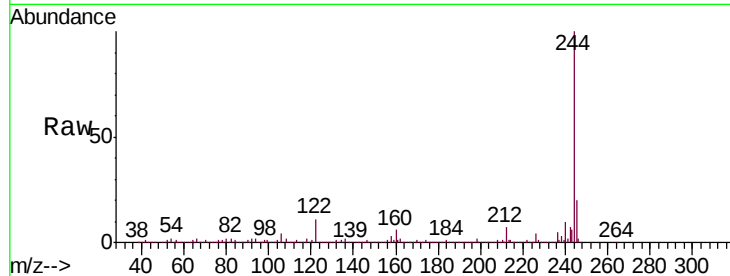




#79
 Terphenyl-d14
 Concen: 69.304 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118700.D
 Acq: 24 Jan 2020 22:03

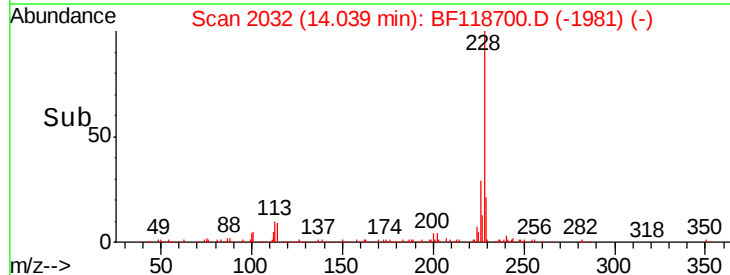
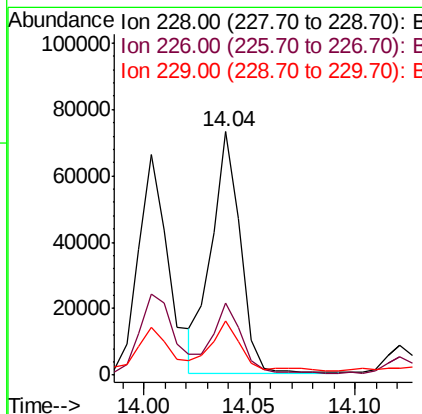
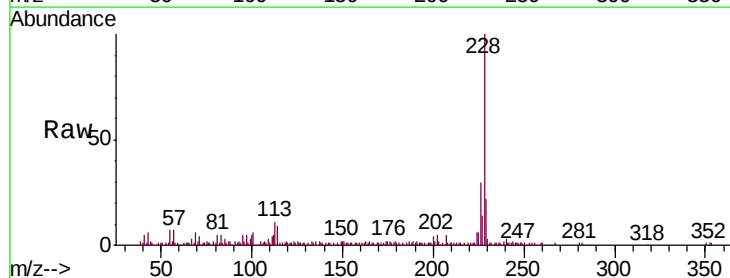
Instrument :
 BNA_F
 ClientSampleId :
 20200064-AMENDED-COMP-2

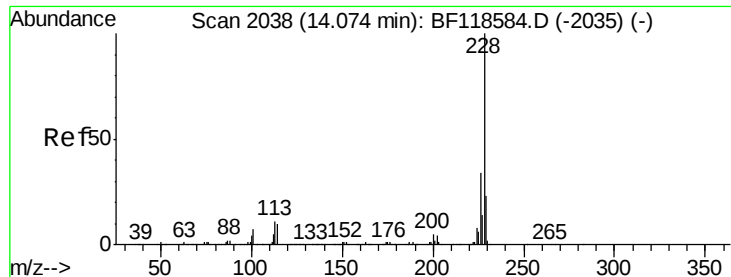
Tgt Ion:244 Resp: 1669984
 Ion Ratio Lower Upper
 244 100
 212 6.9 7.0 10.4#
 122 10.9 10.7 16.1



#81
 Benzo(a)anthracene
 Concen: 2.176 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF118700.D
 Acq: 24 Jan 2020 22:03

Tgt Ion:228 Resp: 68794
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 22.3 17.6 26.4

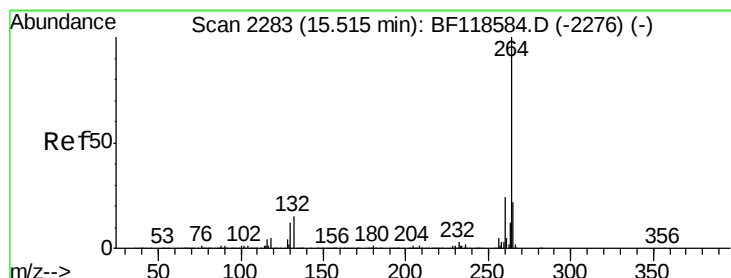
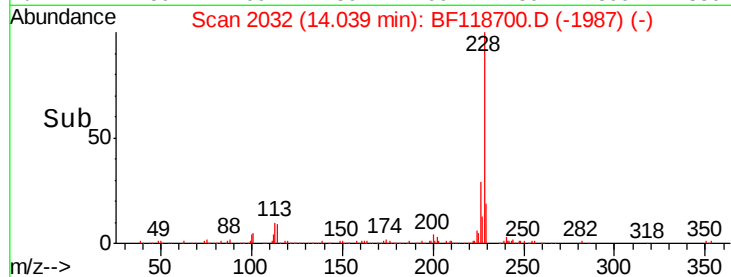
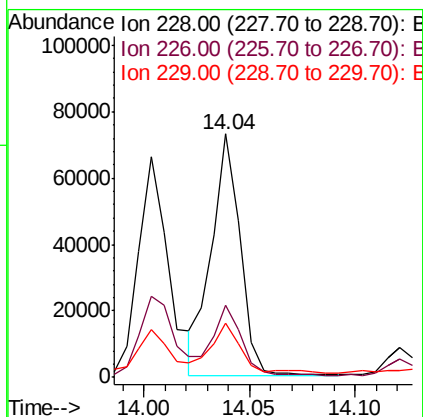
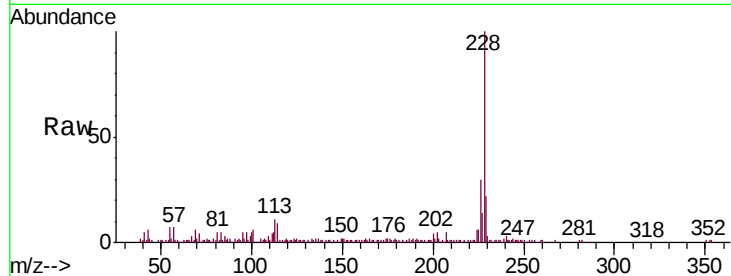




#83
Chrysene
Concen: 2.270 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

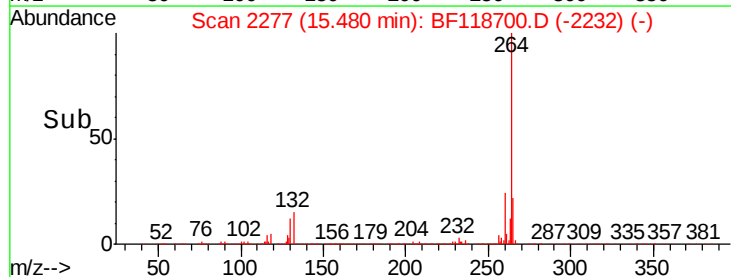
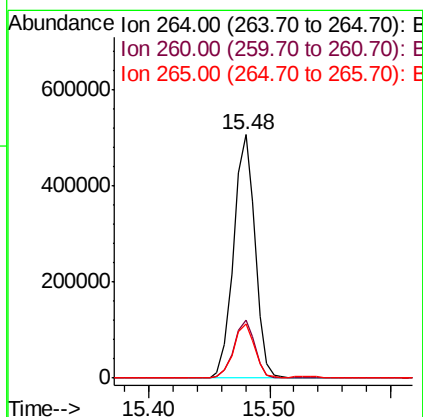
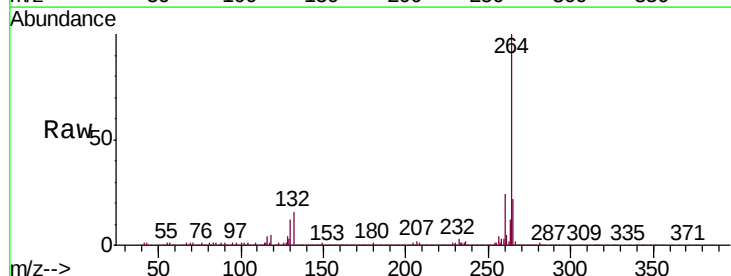
Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

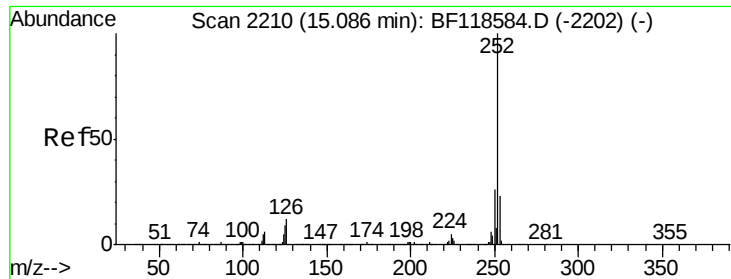
Tgt Ion:228 Resp: 68794
Ion Ratio Lower Upper
228 100
226 29.8 27.4 41.0
229 22.3 18.3 27.5



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion:264 Resp: 627334
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 22.4 17.7 26.5

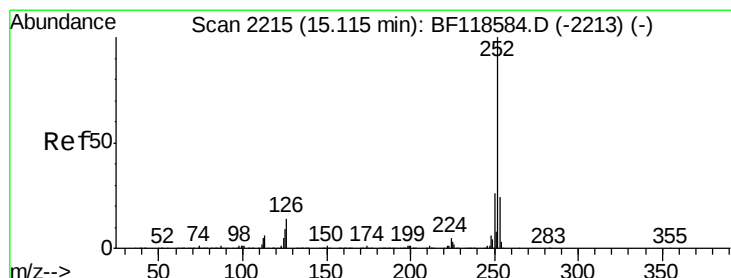
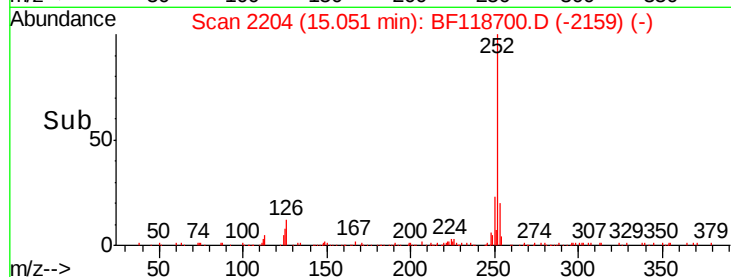
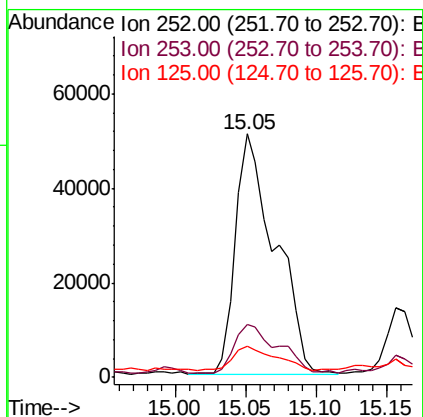
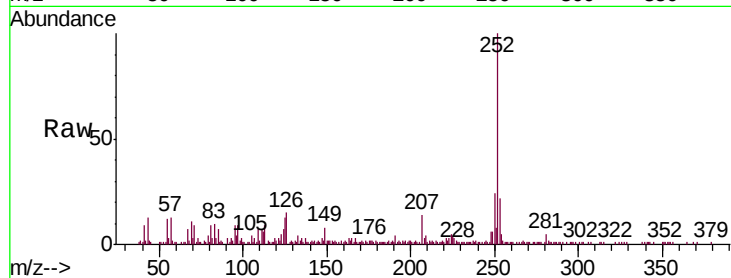




#88
Benzo(b)fluoranthene
Concen: 2.552 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

Tgt Ion:252 Resp: 100613
Ion Ratio Lower Upper
252 100
253 22.0 18.7 28.1
125 12.7 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.754 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.06 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion:252 Resp: 100613
Ion Ratio Lower Upper
252 100
253 22.0 19.0 28.4
125 12.7 7.6 11.4#

