

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
 Data File : BF122232.D
 Acq On : 2 Nov 2020 18:26
 Operator : JU/CG
 Sample : L4564-03RX
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-017-B

Quant Time: Nov 03 00:04:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

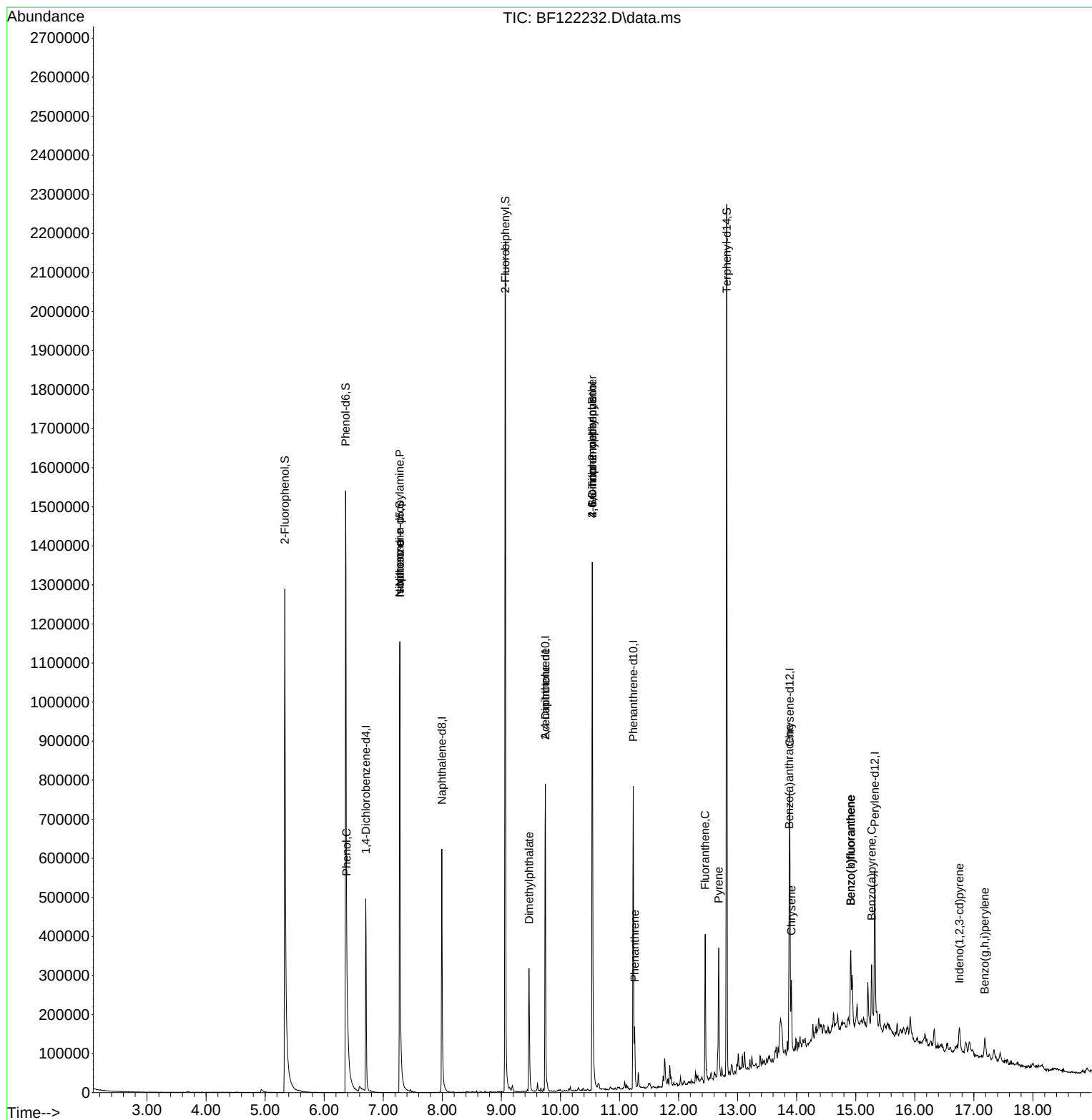
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	76076	20.00	ng	-0.01
21) Naphthalene-d8	7.992	136	310529	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	159889	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	284187	20.00	ng	0.00
76) Chrysene-d12	13.880	240	203868	20.00	ng	0.00
86) Perylene-d12	15.321	264	196318	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	544485	105.63	ng	0.00
7) Phenol-d6	6.363	99	701751	105.76	ng	0.00
23) Nitrobenzene-d5	7.281	82	439746	72.63	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	187425	94.76	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	756857	69.65	ng	0.00
79) Terphenyl-d14	12.816	244	650669	60.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1136	Below Cal	#	3
10) Phenol	6.381	94	37210	5.43	ng	86
19) n-Nitroso-di-n-propyla...	7.281	70	58143	15.39	ng	# 80
25) Isophorone	7.281	82	439746	38.41	ng	# 67
50) Dimethylphthalate	9.469	163	143156	12.24	ng	99
57) 2,4-Dinitrotoluene	9.745	165	20318	6.44	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.539	198	141	4.50	ng	# 1
67) 4-Bromophenyl-phenylether	10.539	248	11170	3.40	ng	# 1
71) Phenanthrene	11.257	178	56288	3.61	ng	98
75) Fluoranthene	12.451	202	147462	8.83	ng	98
78) Pyrene	12.680	202	135646	8.73	ng	98
81) Benzo(a)anthracene	13.874	228	74830	5.60	ng	98
83) Chrysene	13.910	228	73278	5.59	ng	99
87) Indeno(1,2,3-cd)pyrene	16.756	276	43375	3.40	ng	99
88) Benzo(b)fluoranthene	14.915	252	134740	10.15	ng	98
89) Benzo(k)fluoranthene	14.915	252	134740	10.69	ng	# 97
90) Benzo(a)pyrene	15.268	252	72809	6.35	ng	97
92) Benzo(g,h,i)perylene	17.186	276	44669	4.25	ng	94

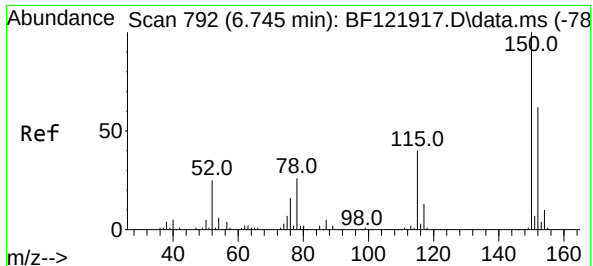
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110220\
Data File : BF12232.D
Acq On : 2 Nov 2020 18:26
Operator : JU/CG
Sample : L4564-03RX
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

Quant Time: Nov 03 00:04:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

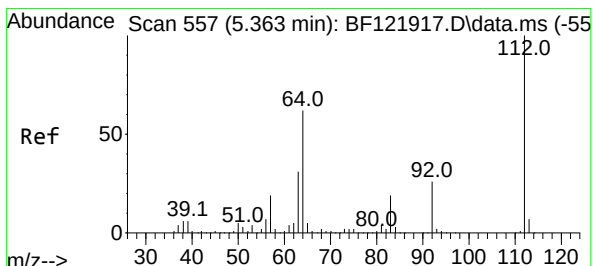
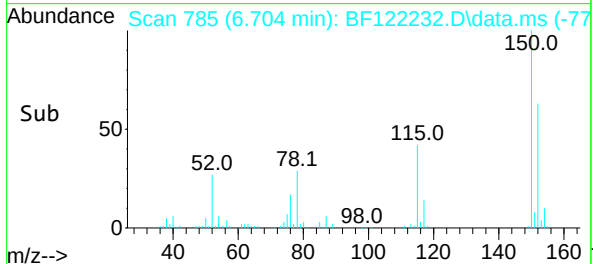
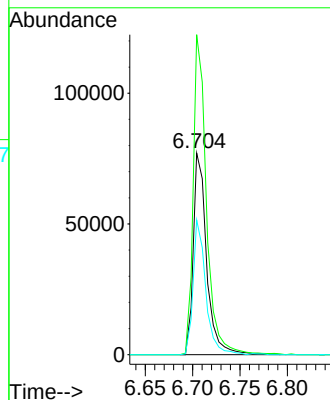
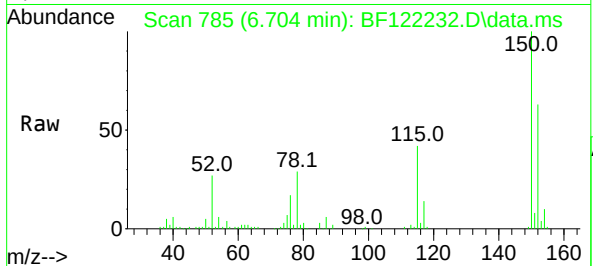




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.704 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

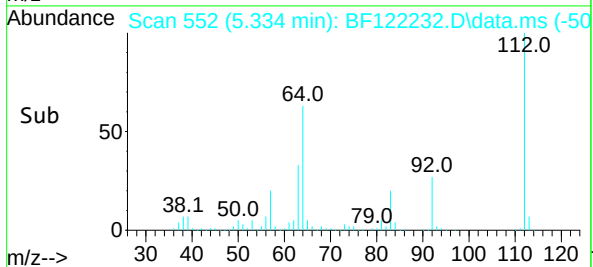
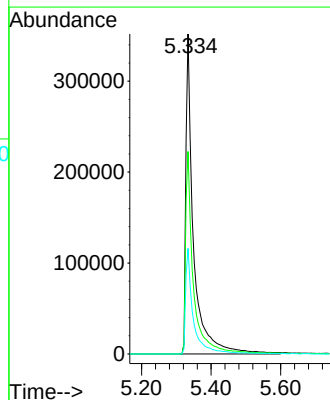
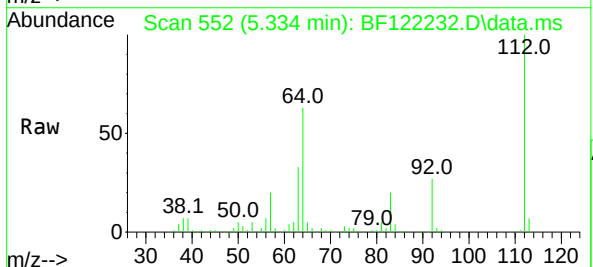
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

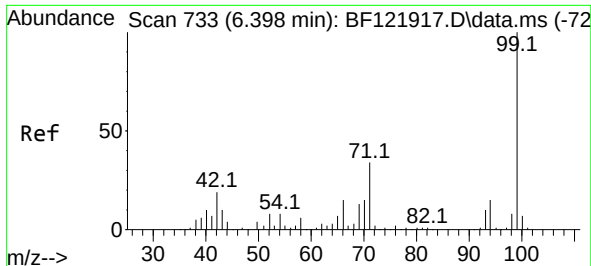
Tgt Ion:152 Resp: 76076
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 66.8 51.9 77.9



#5
2-Fluorophenol
Concen: 105.63 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:112 Resp: 544485
Ion Ratio Lower Upper
112 100
64 63.3 50.4 75.6
63 33.0 25.8 38.6

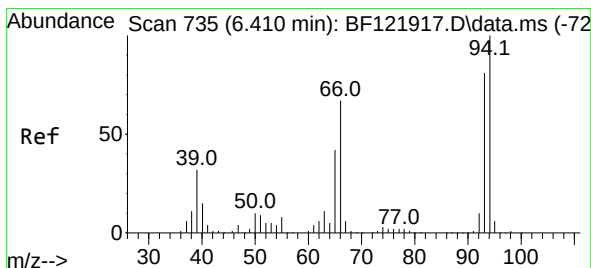
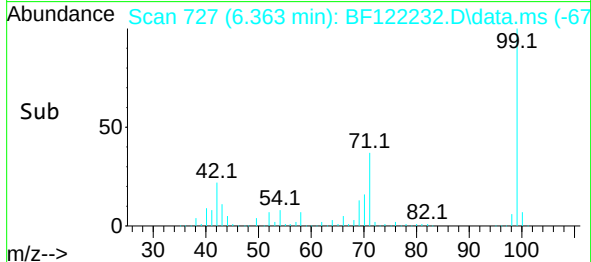
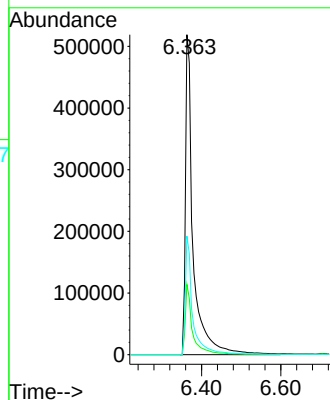
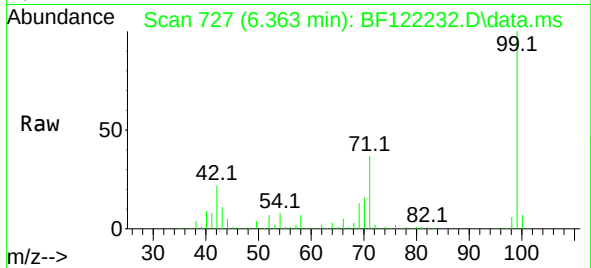




#7
Phenol-d6
Concen: 105.76 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

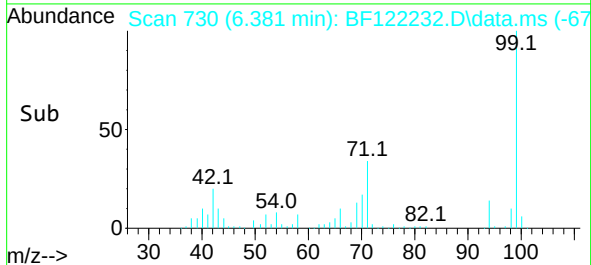
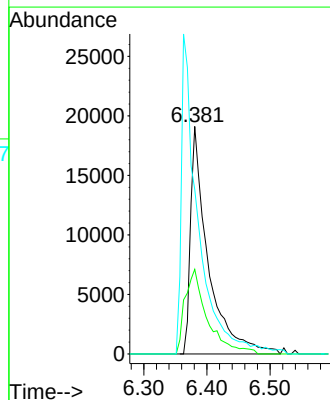
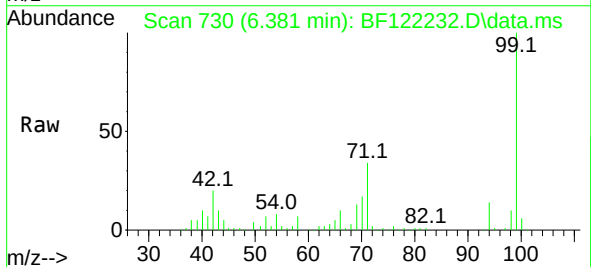
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

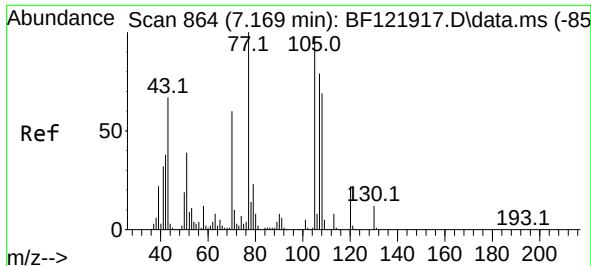
Tgt Ion: 99 Resp: 701751
Ion Ratio Lower Upper
99 100
42 21.9 15.9 23.9
71 37.0 27.1 40.7



#10
Phenol
Concen: 5.43 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion: 94 Resp: 37210
Ion Ratio Lower Upper
94 100
65 37.2 17.1 57.1
66 72.3 36.0 76.0

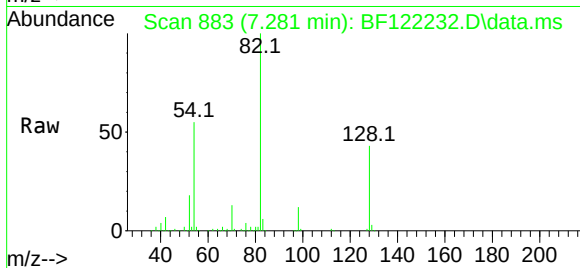




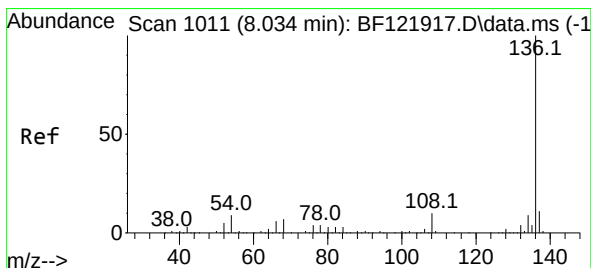
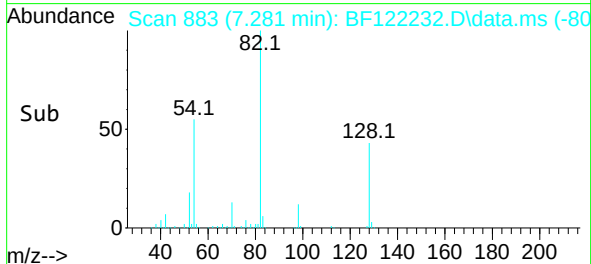
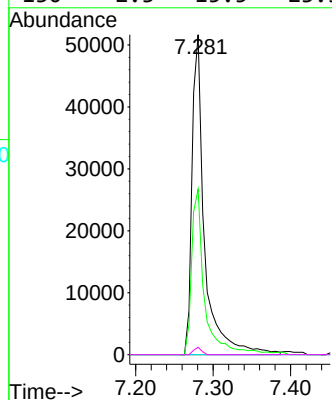
#19

n-Nitroso-di-n-propylamine
Concen: 15.39 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B



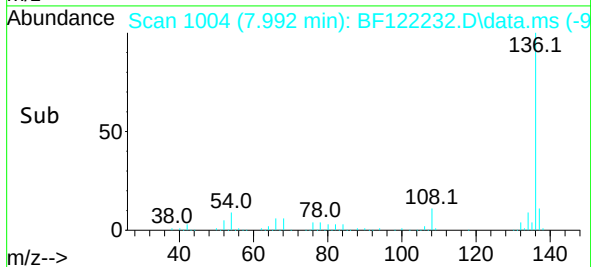
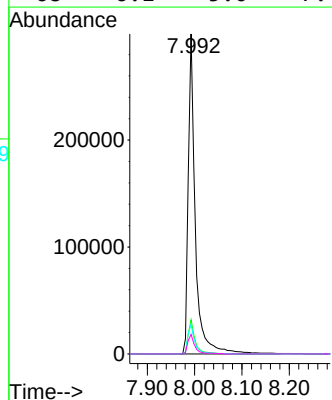
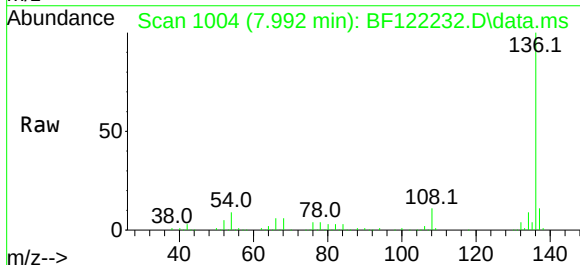
Tgt Ion:	70	Resp:	58143
Ion	Ratio	Lower	Upper
70	100		
42	51.7	50.2	75.4
101	0.0	7.5	11.3#
130	2.3	15.5	23.3#

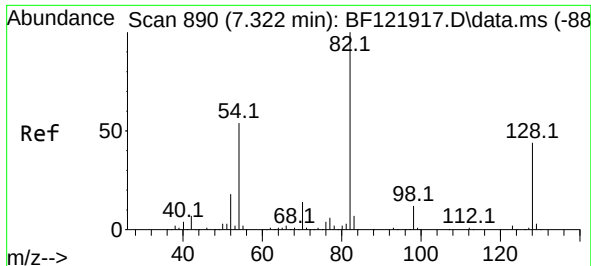


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:	136	Resp:	310529
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.1	7.1	10.7
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 72.63 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

Tgt Ion: 82 Resp: 439746

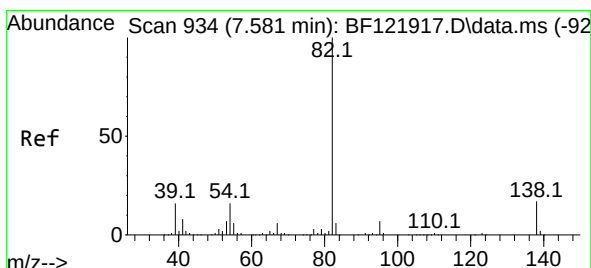
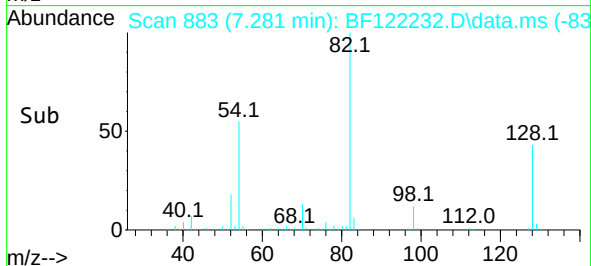
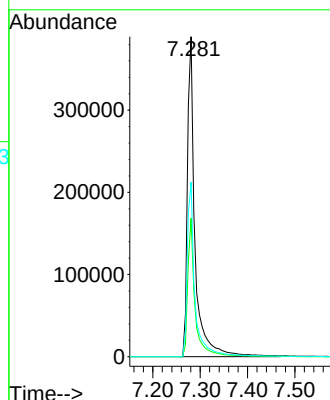
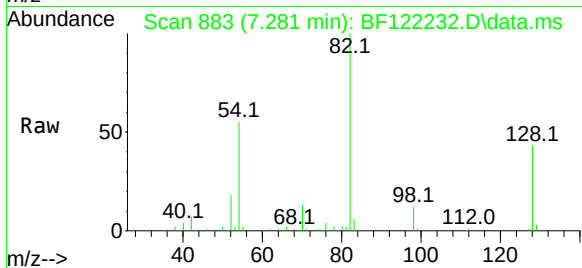
Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.0	52.4
54	54.5	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-017-B



#25

Isophorone

Concen: 38.41 ng

RT: 7.281 min Scan# 883

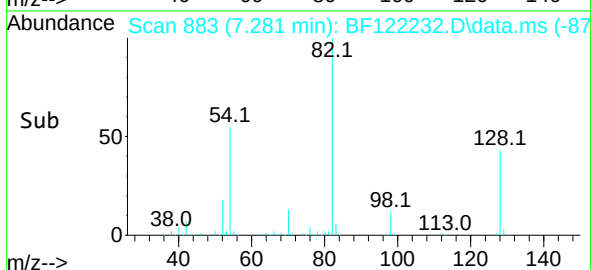
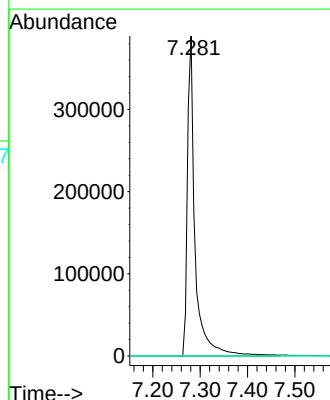
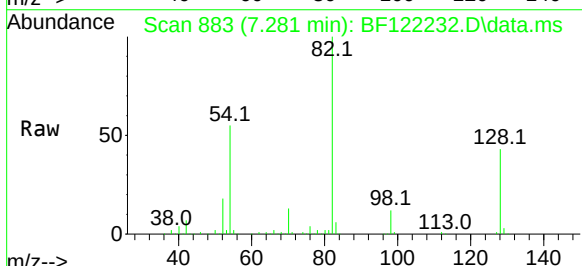
Delta R.T. -0.265 min

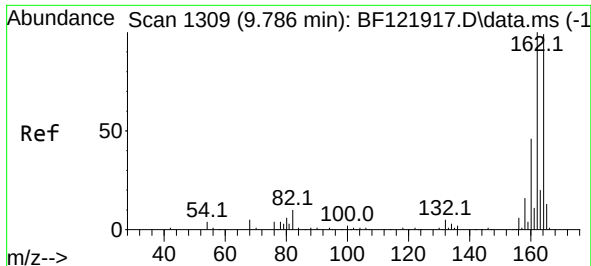
Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

Tgt Ion: 82 Resp: 439746

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

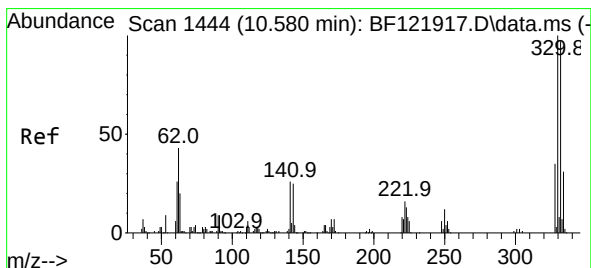
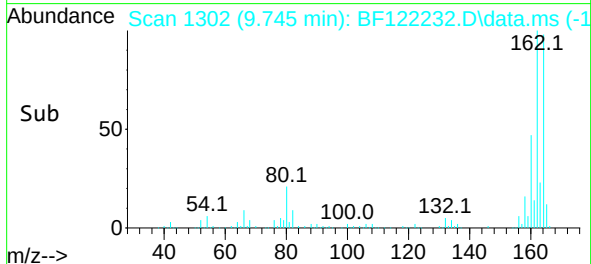
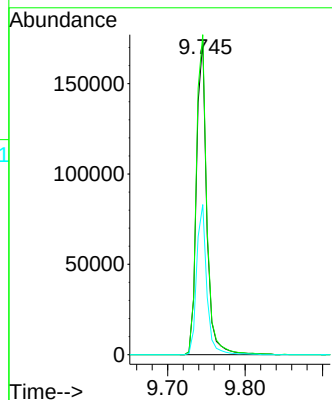
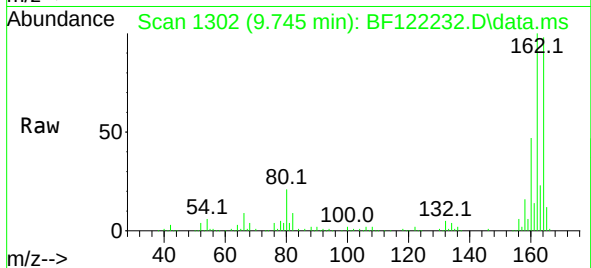




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

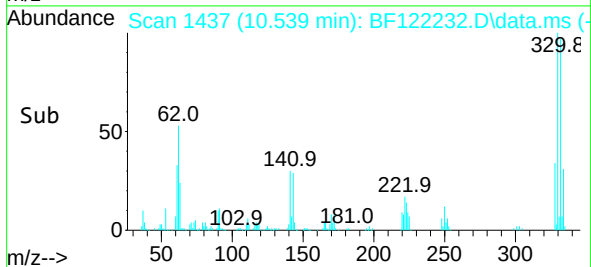
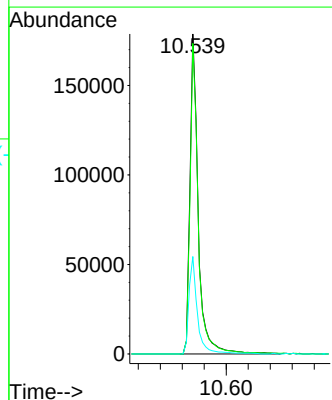
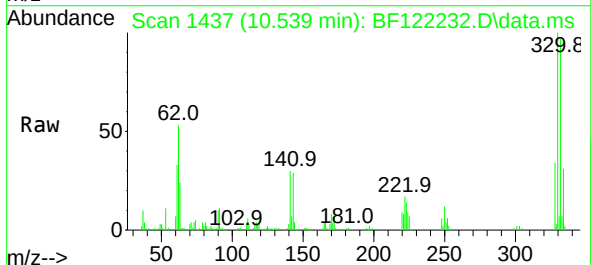
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

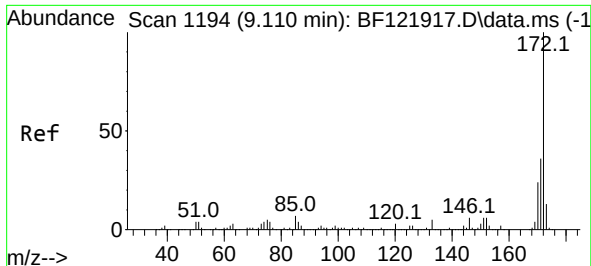
Tgt Ion:164 Resp: 159889
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 47.9 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 94.76 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:330 Resp: 187425
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 31.4 22.3 33.5

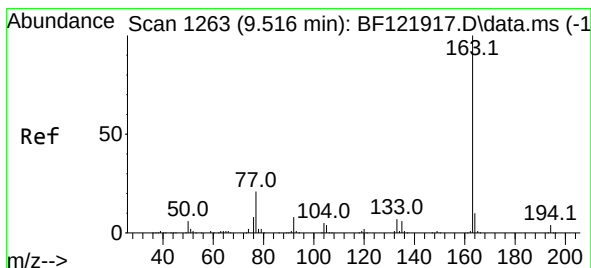
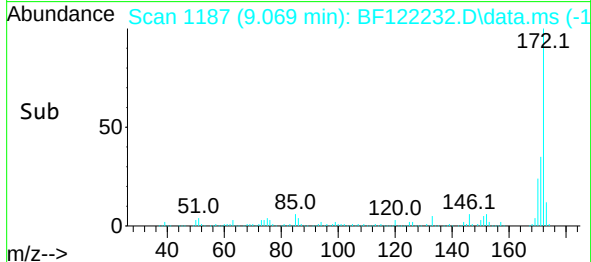
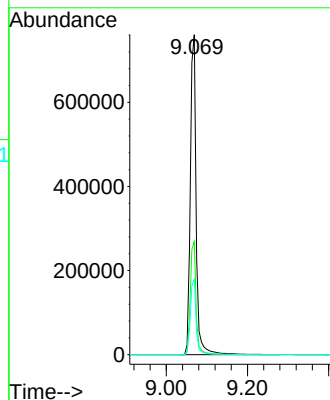
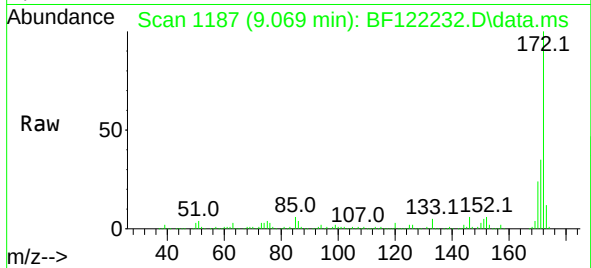




#45
2-Fluorobiphenyl
Concen: 69.65 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

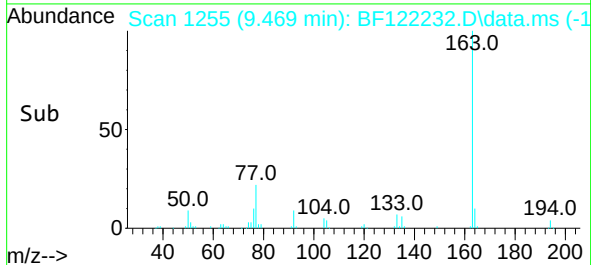
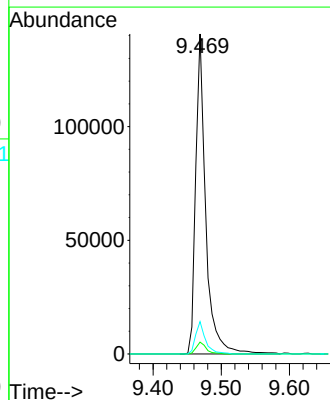
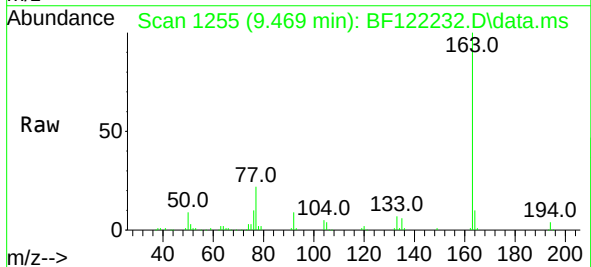
Instrument :
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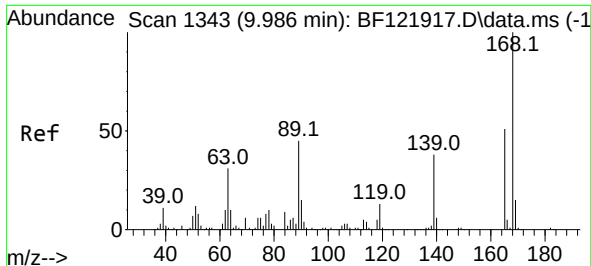
Tgt Ion:172 Resp: 756857
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.5 19.8 29.6



#50
Dimethylphthalate
Concen: 12.24 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

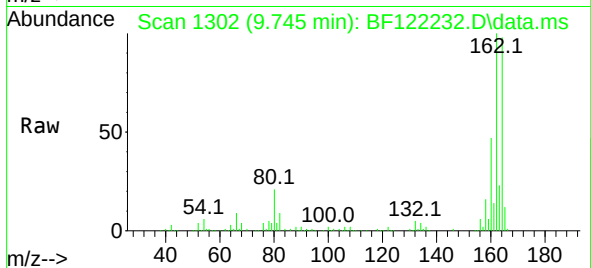
Tgt Ion:163 Resp: 143156
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.1 8.2 12.4



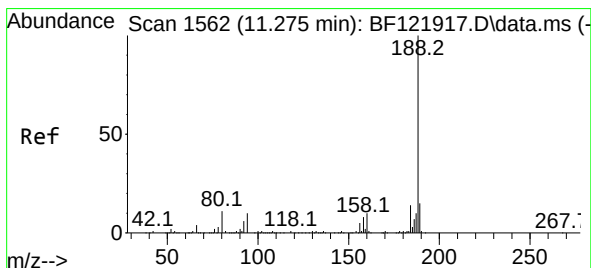
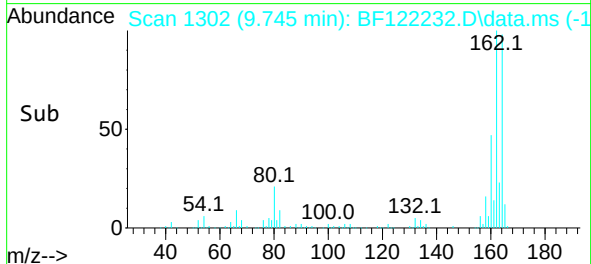
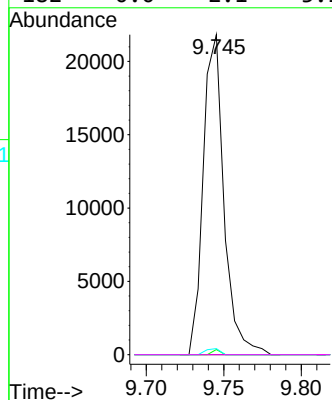


#57
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

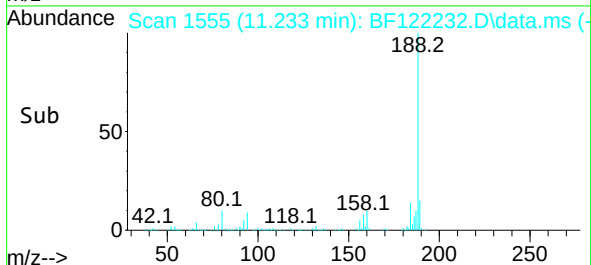
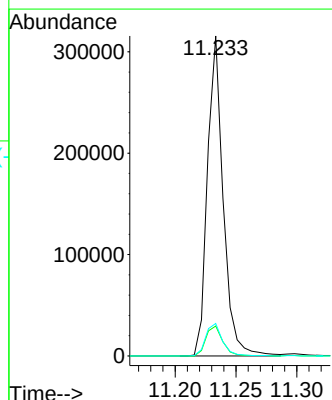
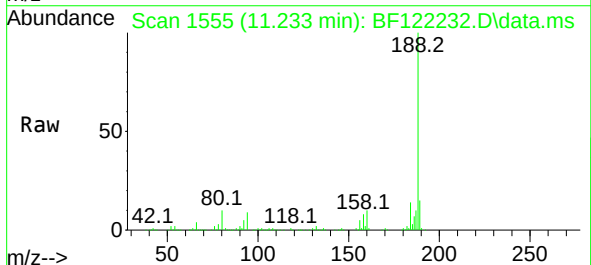


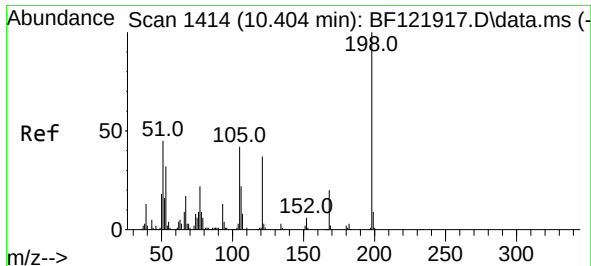
Tgt Ion:165 Resp: 20318
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 1.9 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:188 Resp: 284187
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.1 9.1 13.7

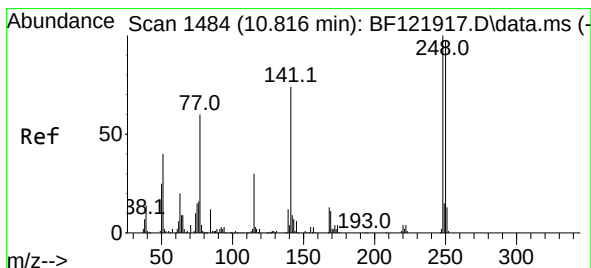
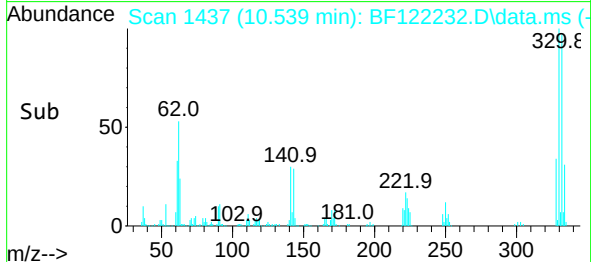
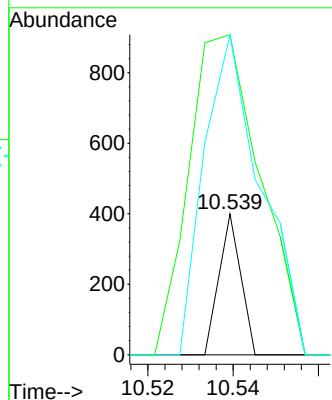
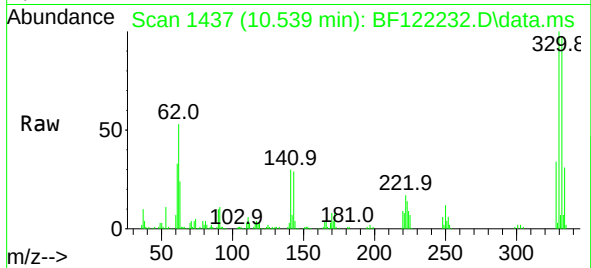




#65
4,6-Dinitro-2-methylphenol
Concen: 4.50 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.165 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

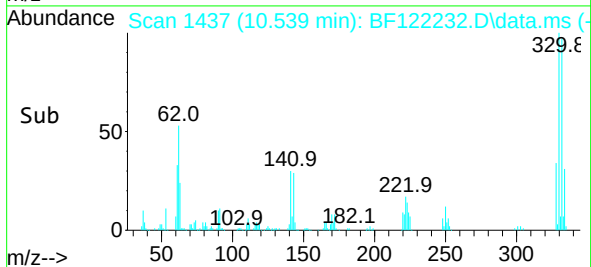
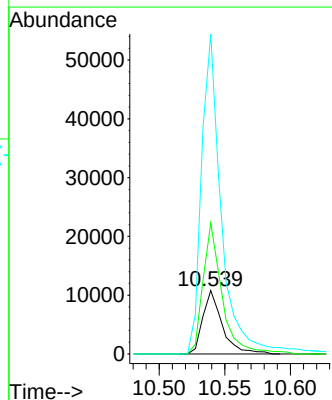
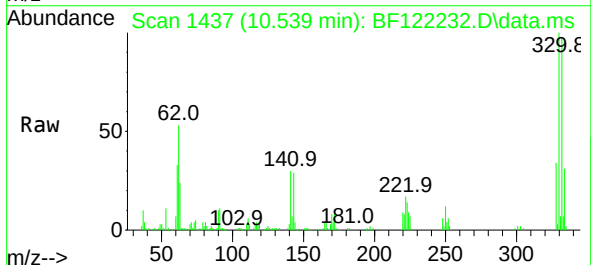
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

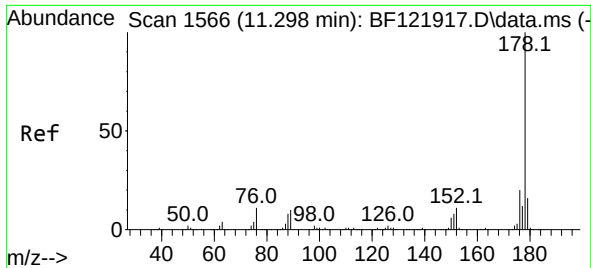
Tgt Ion:198 Resp: 141
Ion Ratio Lower Upper
198 100
51 227.6 29.6 69.6#
105 227.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:248 Resp: 11170
Ion Ratio Lower Upper
248 100
250 206.3 77.0 115.6#
141 504.3 53.7 80.5#

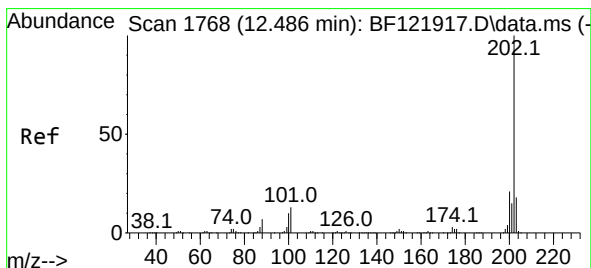
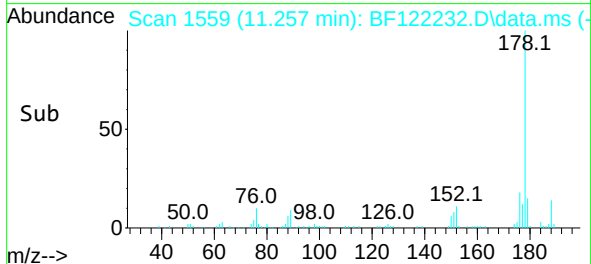
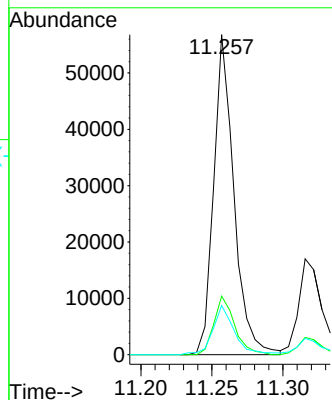
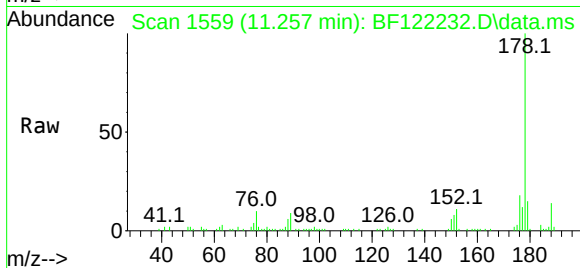




#71
Phenanthrene
Concen: 3.61 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

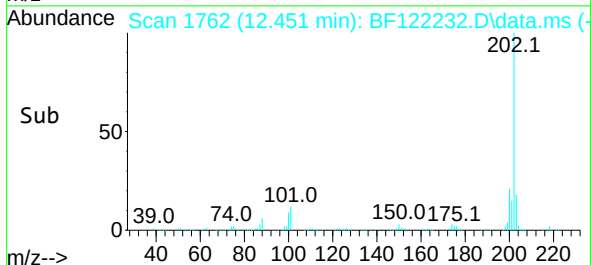
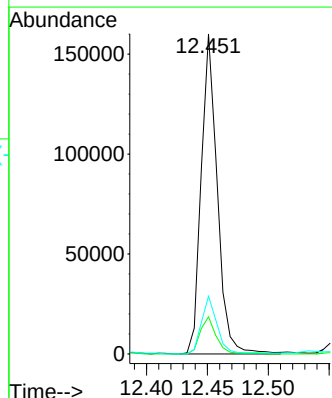
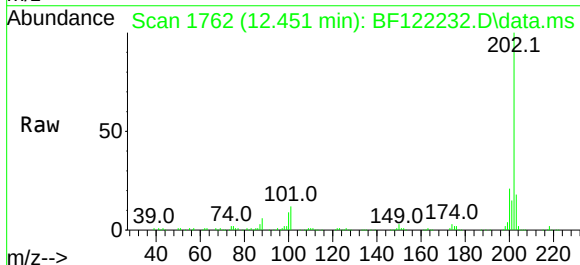
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

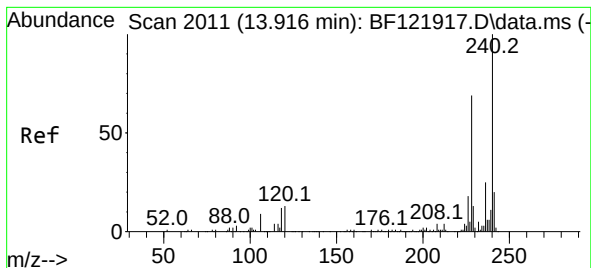
Tgt Ion:178 Resp: 56288
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 15.4 12.2 18.4



#75
Fluoranthene
Concen: 8.83 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:202 Resp: 147462
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.4
203 18.0 0.0 37.9

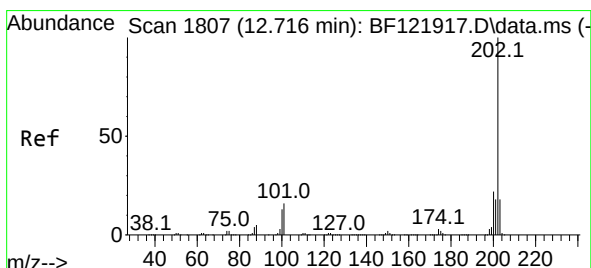
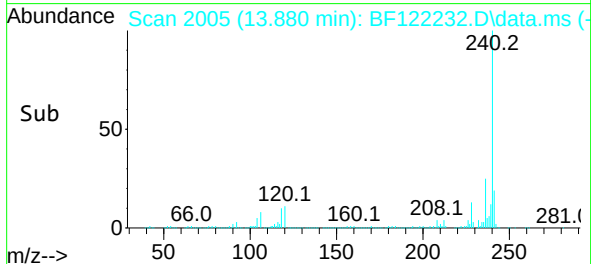
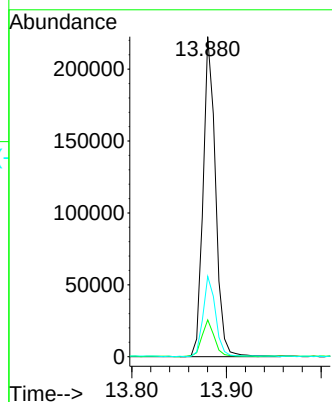
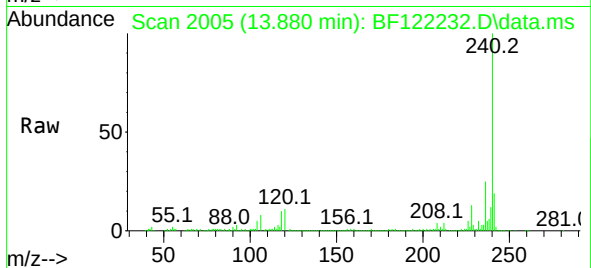




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

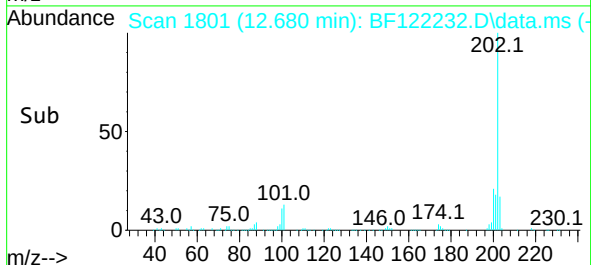
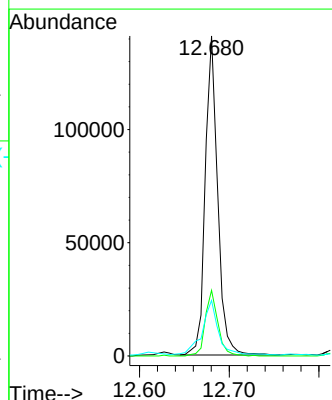
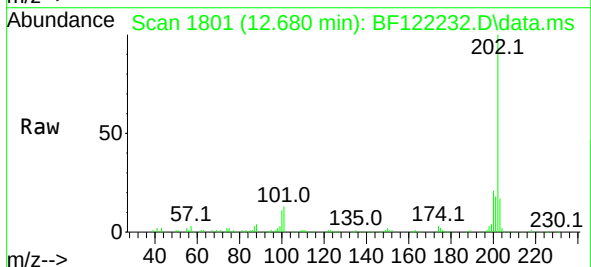
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

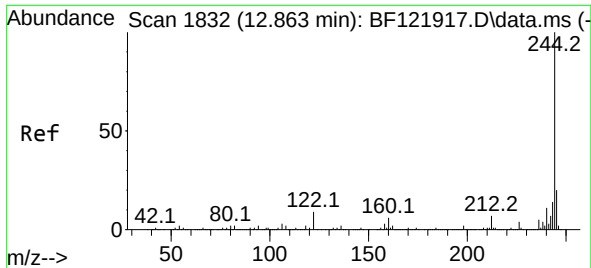
Tgt Ion:240 Resp: 203868
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.1 20.9 31.3



#78
Pyrene
Concen: 8.73 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:202 Resp: 135646
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.4 14.6 21.8

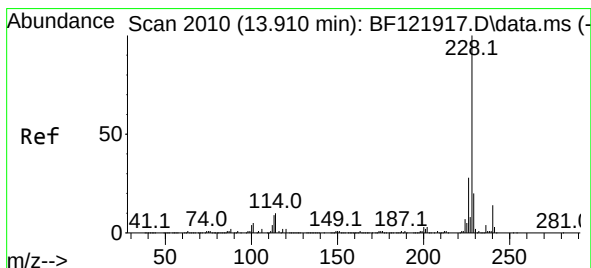
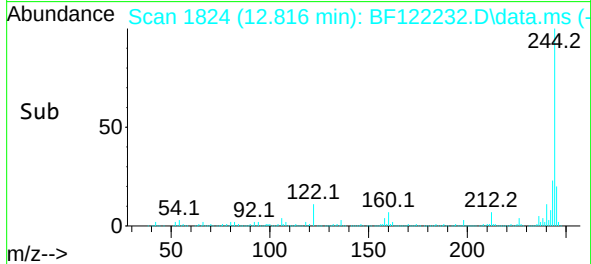
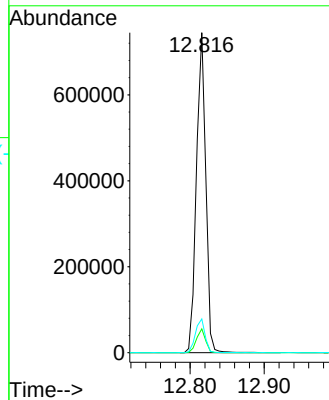
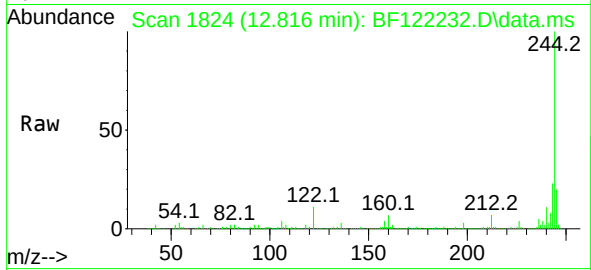




#79
 Terphenyl-d14
 Concen: 60.82 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF122232.D
 Acq: 2 Nov 2020 18:26

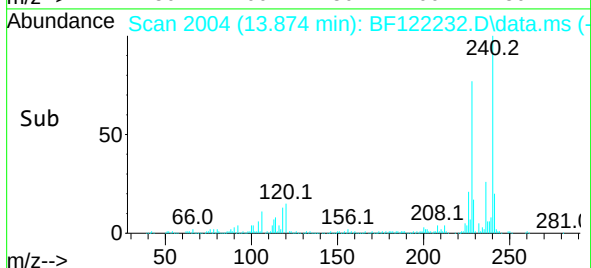
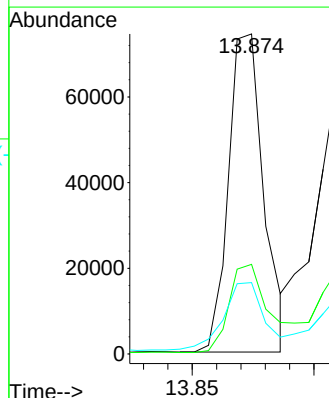
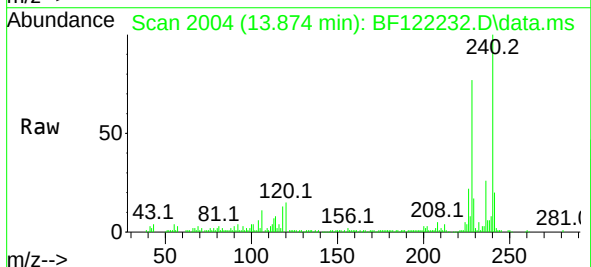
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-017-B

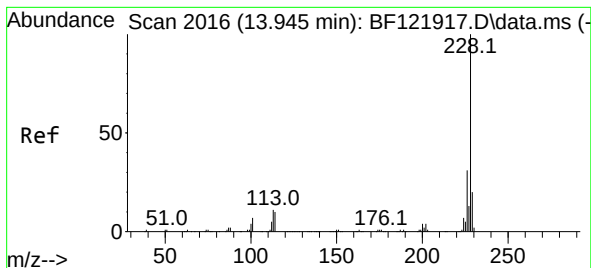
Tgt Ion:244 Resp: 650669
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 10.5 8.1 12.1



#81
 Benzo(a)anthracene
 Concen: 5.60 ng
 RT: 13.874 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: BF122232.D
 Acq: 2 Nov 2020 18:26

Tgt Ion:228 Resp: 74830
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.3 33.5
 229 22.3 16.2 24.4





#83

Chrysene

Concen: 5.59 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

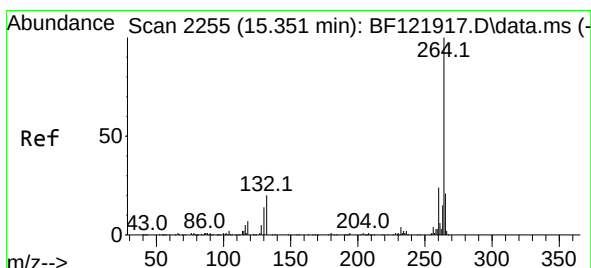
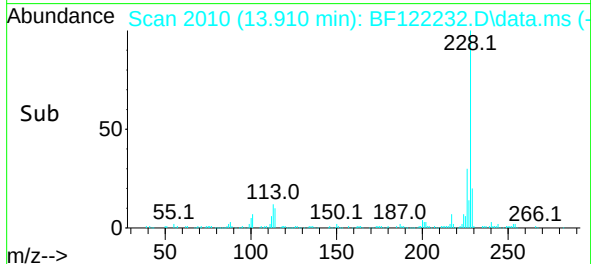
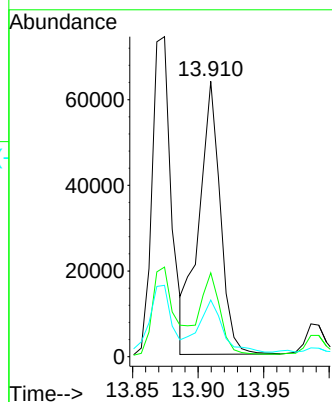
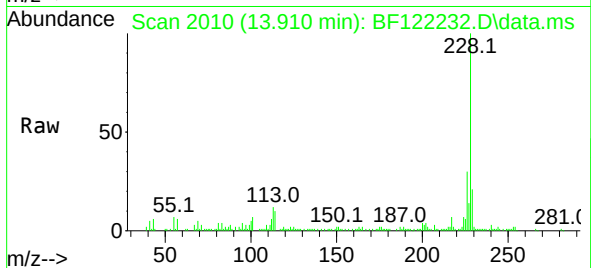
Tgt Ion:228 Resp: 73278

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

229 20.6 15.9 23.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.018 min

Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

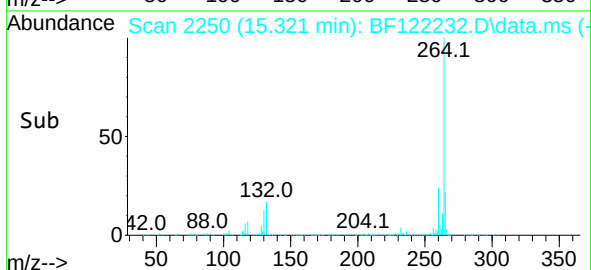
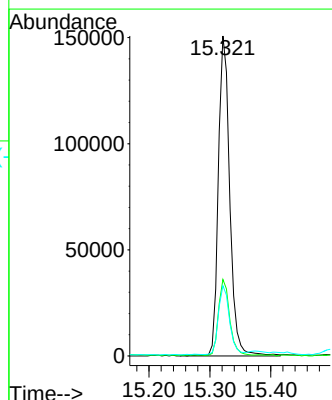
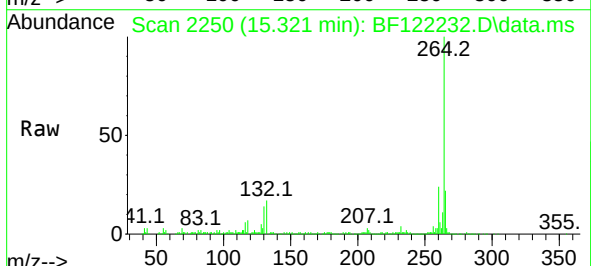
Tgt Ion:264 Resp: 196318

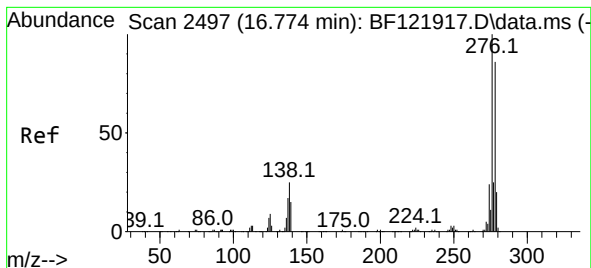
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.40 ng

RT: 16.756 min Scan# 2494

Delta R.T. 0.041 min

Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

Tgt Ion:276 Resp: 43375

Ion Ratio Lower Upper

276 100

138 25.3 19.9 29.9

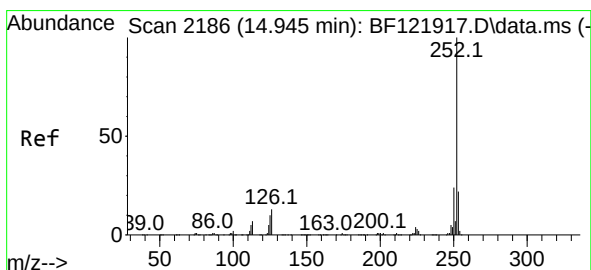
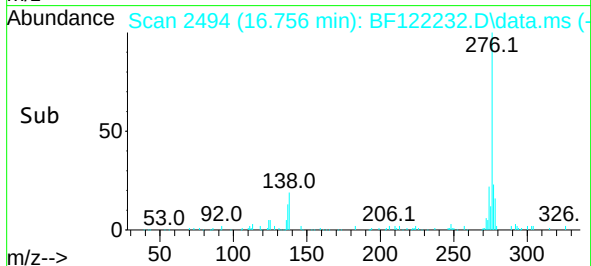
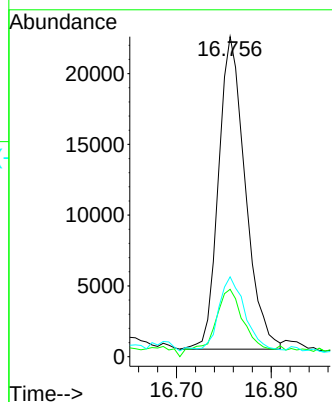
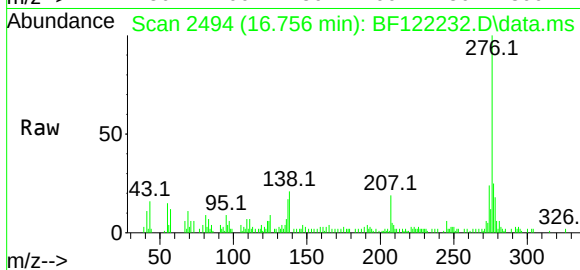
277 24.9 20.4 30.6

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-017-B



#88

Benzo(b)fluoranthene

Concen: 10.15 ng

RT: 14.915 min Scan# 2181

Delta R.T. 0.018 min

Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

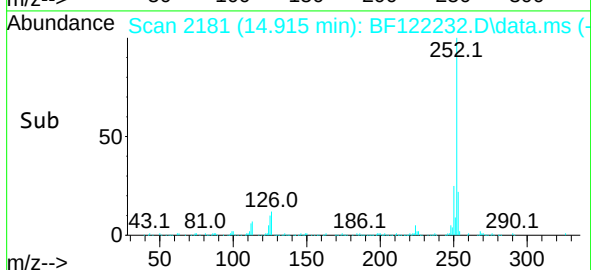
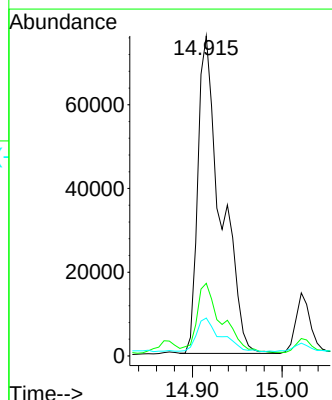
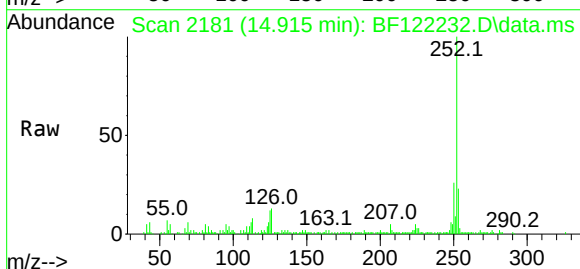
Tgt Ion:252 Resp: 134740

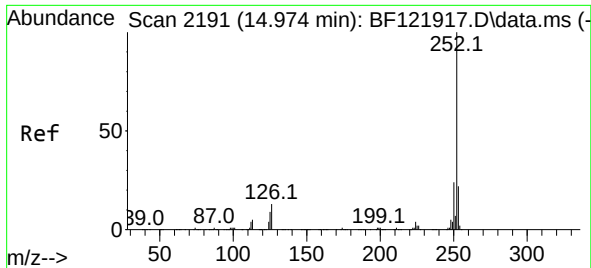
Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 11.9 8.0 12.0

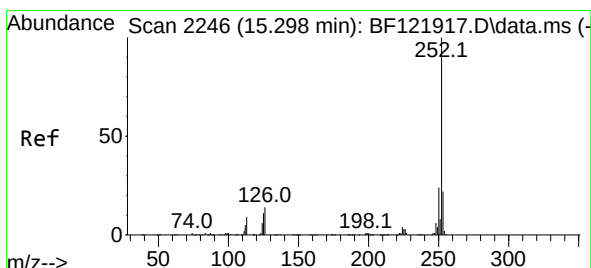
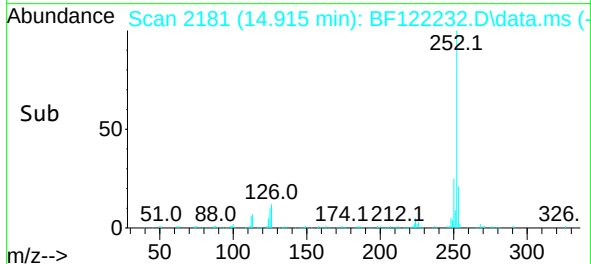
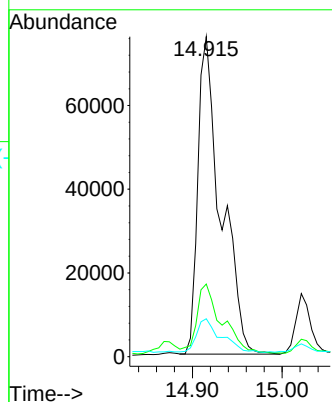
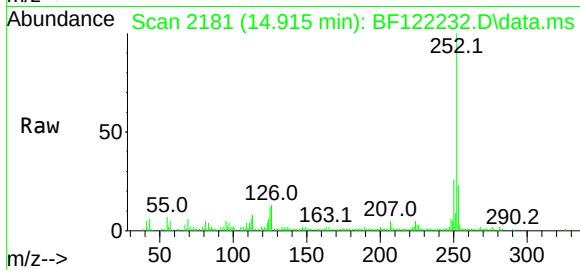




#89
Benzo(k)fluoranthene
Concen: 10.69 ng
RT: 14.915 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

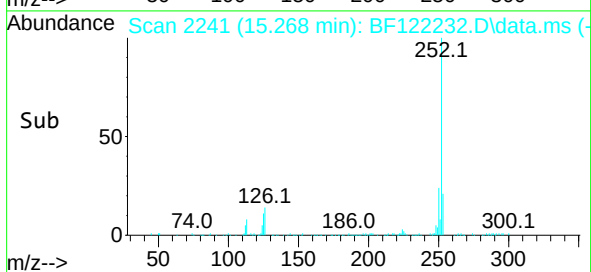
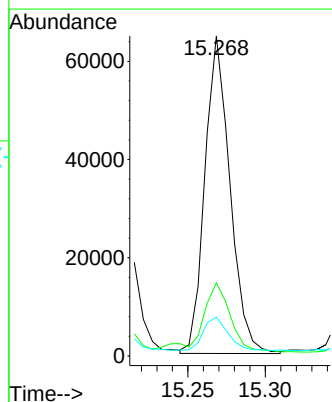
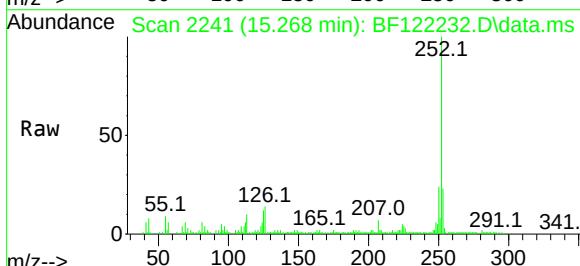
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

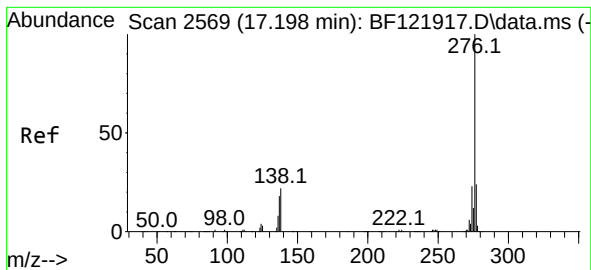
Tgt Ion:252 Resp: 134740
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.9 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 6.35 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.018 min
Lab File: BF122232.D
Acq: 2 Nov 2020 18:26

Tgt Ion:252 Resp: 72809
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 12.1 8.6 13.0





#92

Benzo(g,h,i)perylene

Concen: 4.25 ng

RT: 17.186 min Scan# 2567

Delta R.T. 0.053 min

Lab File: BF122232.D

Acq: 2 Nov 2020 18:26

Tgt Ion: 276 Resp: 44669

Ion Ratio Lower Upper

276 100

277 28.8 19.4 29.2

138 21.0 17.8 26.6

