

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123605.D
 Acq On : 16 Apr 2021 22:22
 Operator : JU/CG
 Sample : M2040-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-B

Quant Time: Apr 17 01:26:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

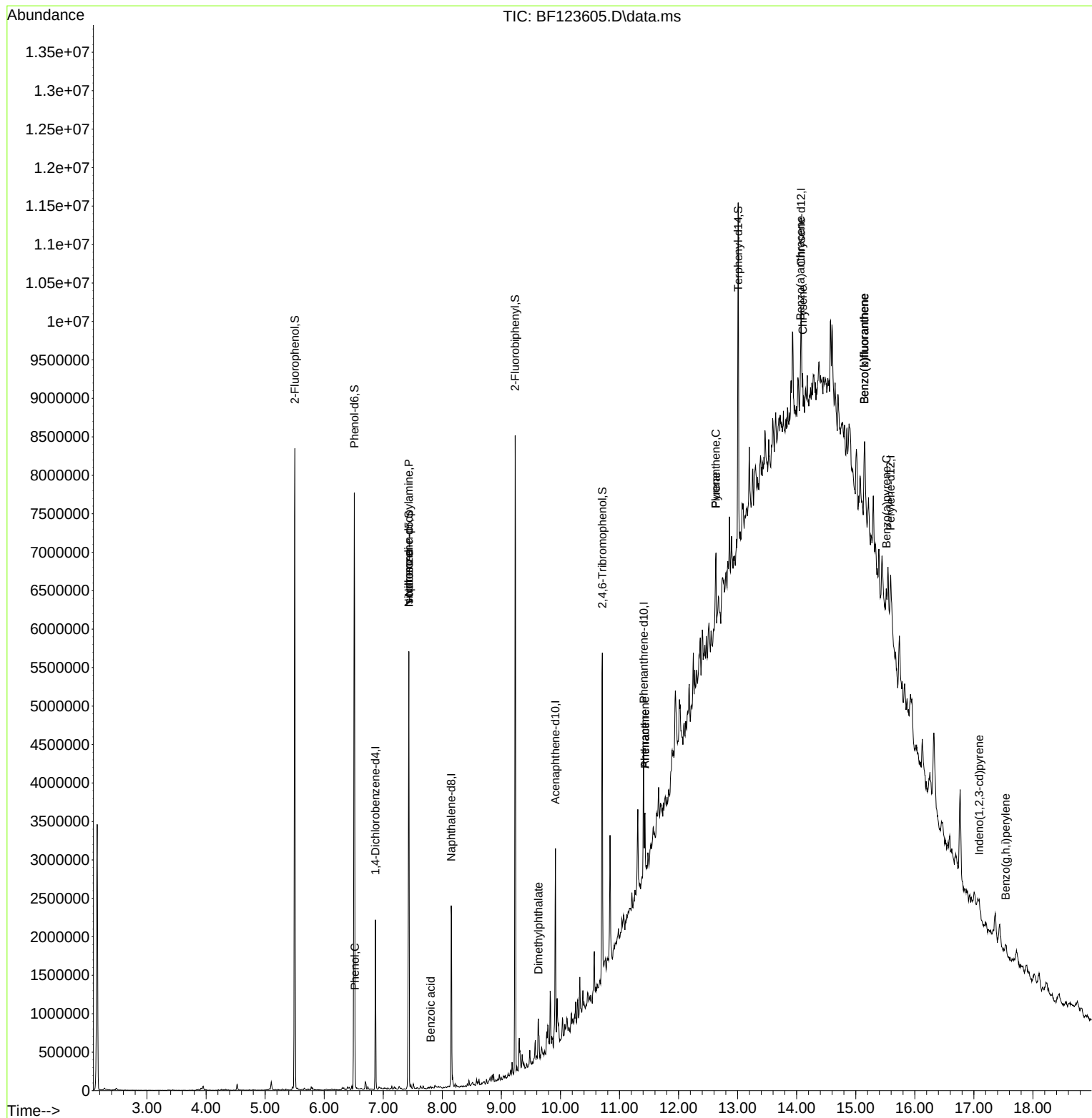
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	246028	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	948922	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	416701	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	603879	20.00	ng	0.00
76) Chrysene-d12	14.074	240	392046	20.00	ng	# 0.02
86) Perylene-d12	15.592	264	361947	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1870747	122.90	ng	0.02
7) Phenol-d6	6.510	99	2439209	115.64	ng	0.01
23) Nitrobenzene-d5	7.434	82	1756036	85.07	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	517451	109.66	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2402489	85.95	ng	0.00
79) Terphenyl-d14	13.010	244	1445402	71.66	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.522	94	47126	2.10	ng	95
19) n-Nitroso-di-n-propyla...	7.434	70	243966	17.46	ng	# 78
25) Isophorone	7.434	82	1751669	43.74	ng	# 69
32) Benzoic acid	7.804	122	550	4.60	ng	93
50) Dimethylphthalate	9.628	163	88982	3.09	ng	# 95
71) Phenanthrene	11.433	178	284184	9.02	ng	96
72) Anthracene	11.433	178	284184	9.02	ng	96
75) Fluoranthene	12.633	202	412823	11.92	ng	95
78) Pyrene	12.633	202	412823	14.43	ng	97
81) Benzo(a)anthracene	14.063	228	203500	8.47	ng	# 84
83) Chrysene	14.104	228	178878	7.41	ng	# 84
87) Indeno(1,2,3-cd)pyrene	17.092	276	107527	5.57	ng	98
88) Benzo(b)fluoranthene	15.145	252	295012	11.54	ng	# 56
89) Benzo(k)fluoranthene	15.145	252	295012	11.71	ng	# 55
90) Benzo(a)pyrene	15.521	252	162096	7.97	ng	# 65
92) Benzo(g,h,i)perylene	17.539	276	105144	7.79	ng	# 92

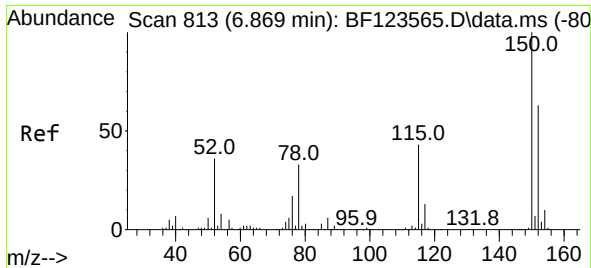
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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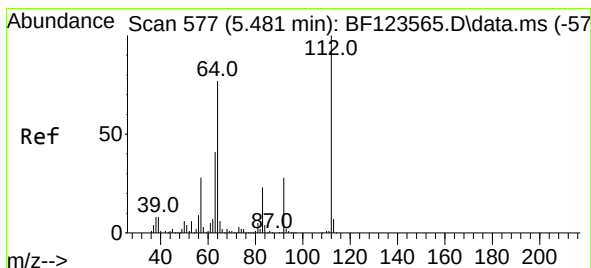
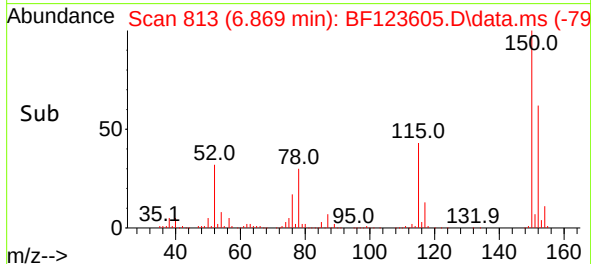
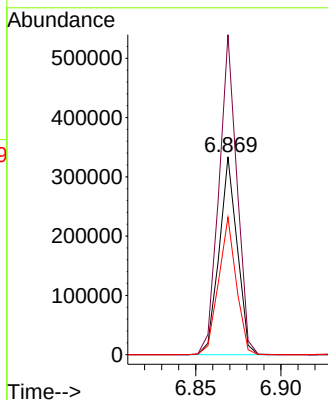
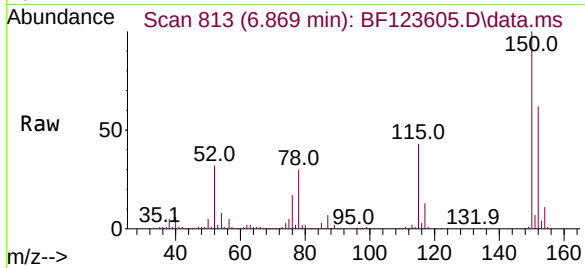




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF123605.D
 Acq: 16 Apr 2021 22:22

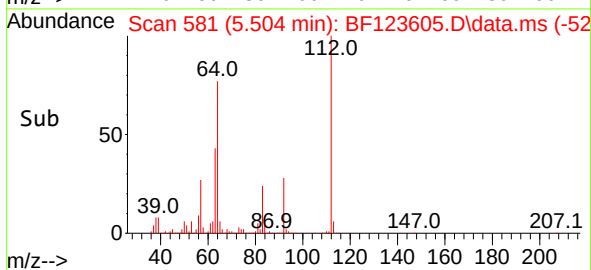
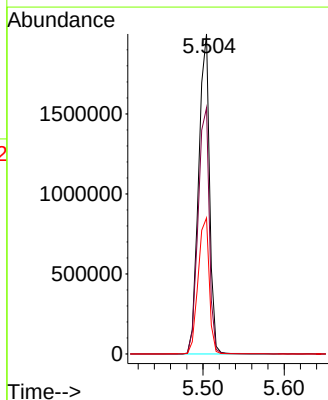
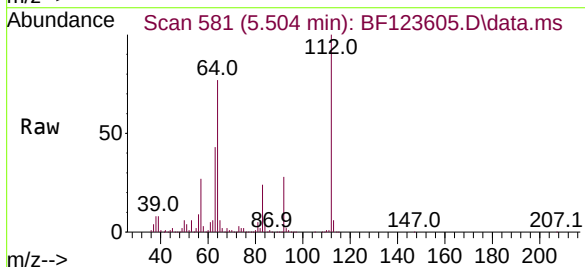
Instrument :
 BNA_F
 ClientSampleId :
 FILL-B

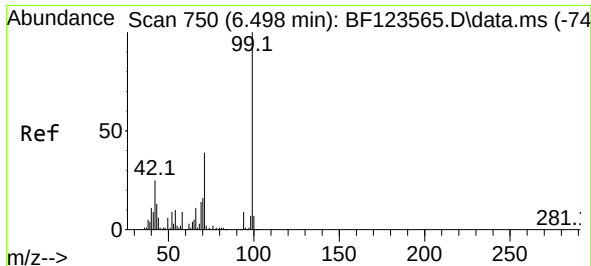
Tgt Ion:152 Resp: 246028
 Ion Ratio Lower Upper
 152 100
 150 161.7 127.0 190.6
 115 69.5 54.3 81.5



#5
 2-Fluorophenol
 Concen: 122.90 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.024 min
 Lab File: BF123605.D
 Acq: 16 Apr 2021 22:22

Tgt Ion:112 Resp: 1870747
 Ion Ratio Lower Upper
 112 100
 64 76.9 61.4 92.0
 63 42.5 33.0 49.4

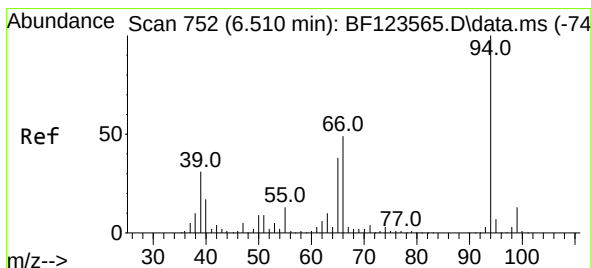
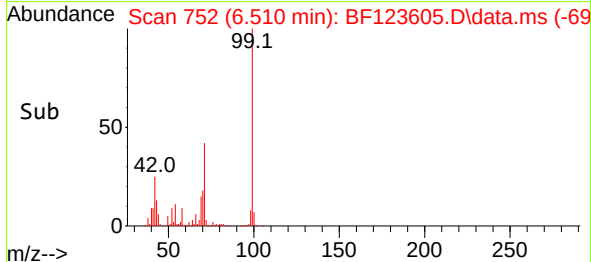
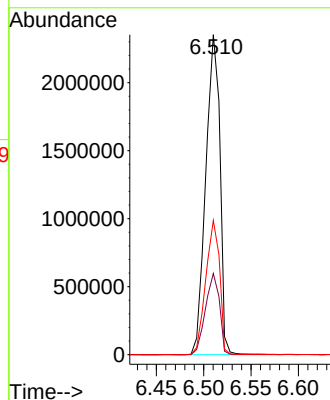
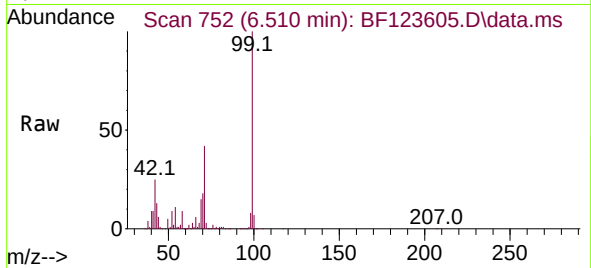




#7
Phenol-d6
Concen: 115.64 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

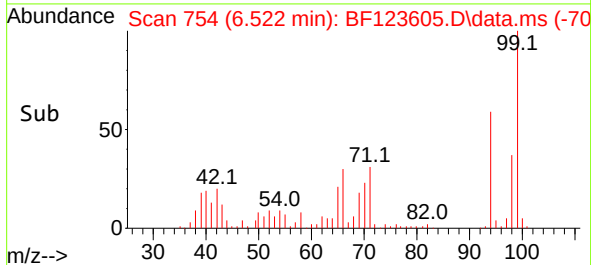
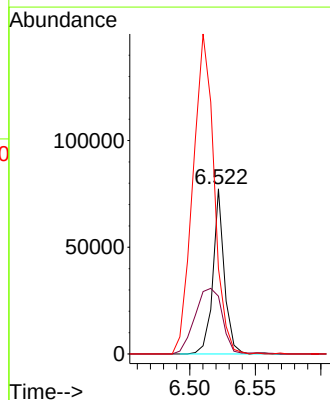
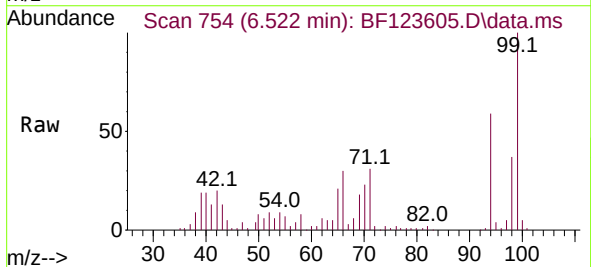
Instrument :
BNA_F
ClientSampleId :
FILL-B

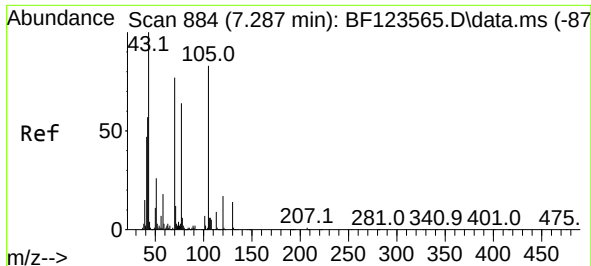
Tgt Ion: 99 Resp: 2439209
Ion Ratio Lower Upper
99 100
42 25.4 19.8 29.8
71 41.9 31.1 46.7



#10
Phenol
Concen: 2.10 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

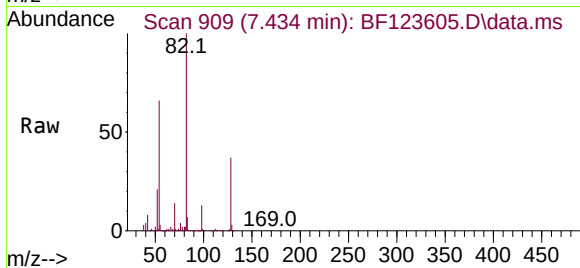
Tgt Ion: 94 Resp: 47126
Ion Ratio Lower Upper
94 100
65 35.0 18.1 58.1
66 51.8 29.0 69.0



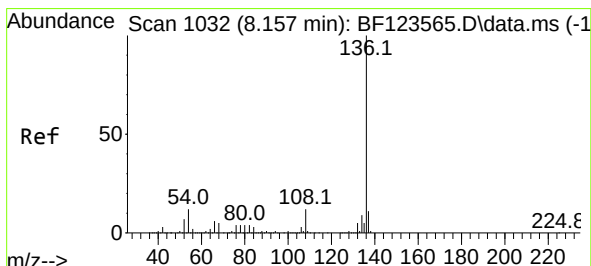
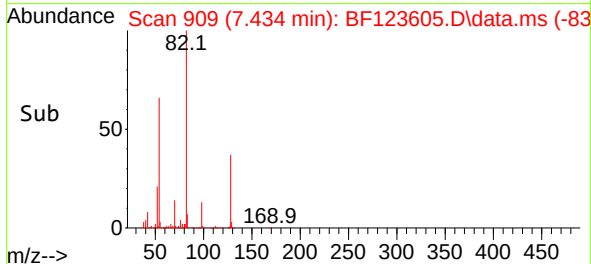
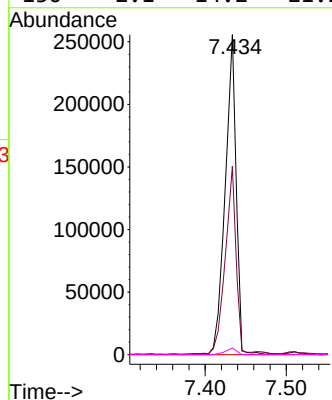


#19
n-Nitroso-di-n-propylamine
Concen: 17.46 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Instrument :
BNA_F
ClientSampleId :
FILL-B

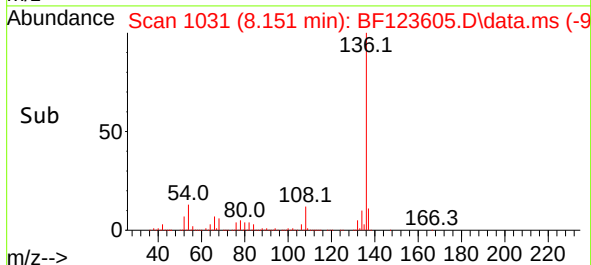
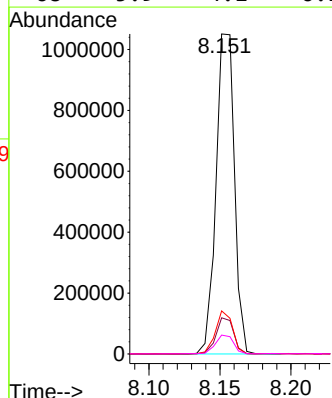
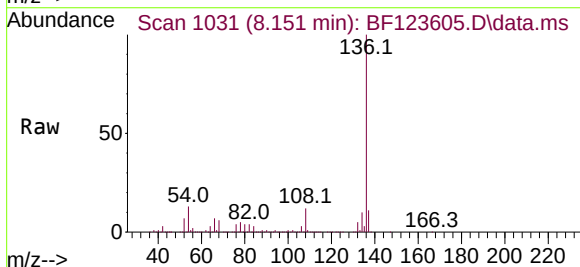


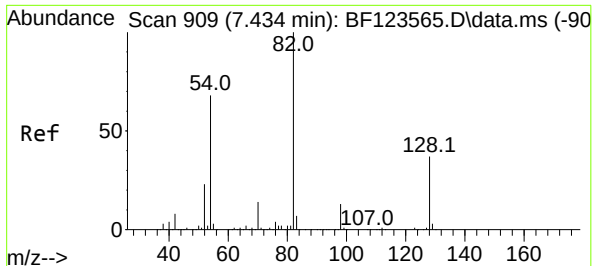
Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.9	60.1	90.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	13.5	9.8	14.6
68	5.9	4.1	6.1





#23

Nitrobenzene-d5

Concen: 85.07 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF123605.D

Acq: 16 Apr 2021 22:22

Tgt Ion: 82 Resp: 1756036

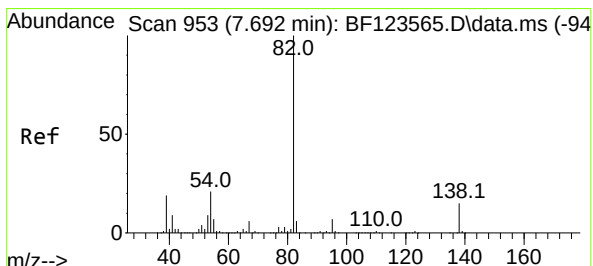
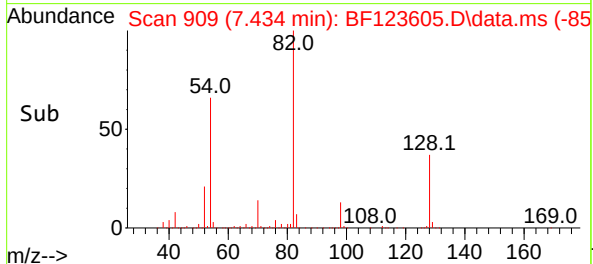
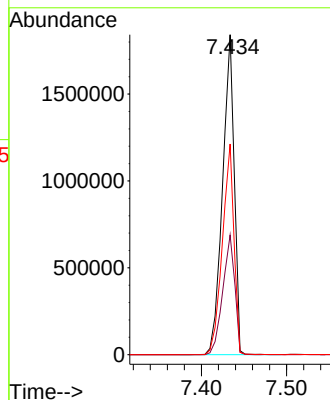
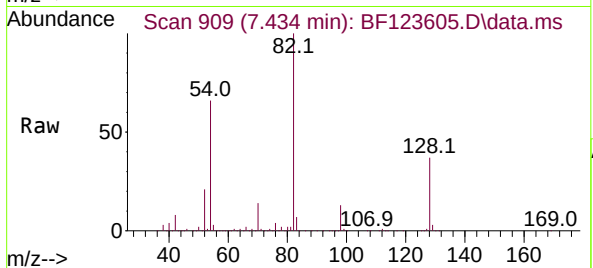
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.4	44.2
54	65.8	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

FILL-B



#25

Isophorone

Concen: 43.74 ng

RT: 7.434 min Scan# 909

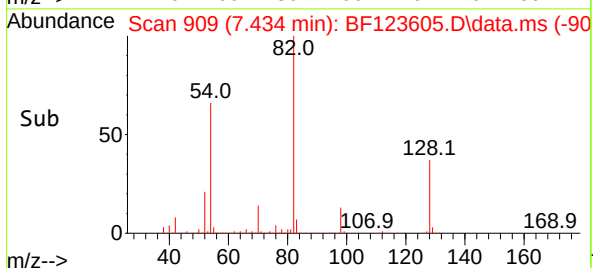
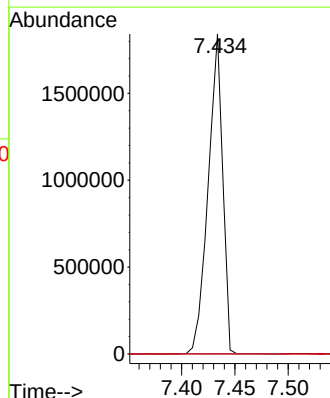
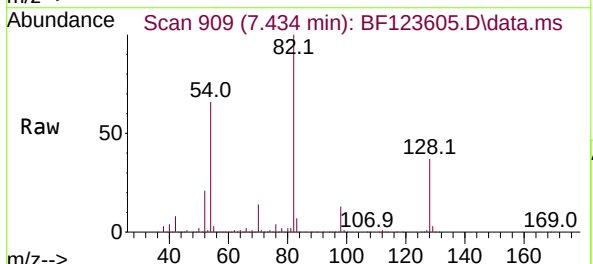
Delta R.T. -0.259 min

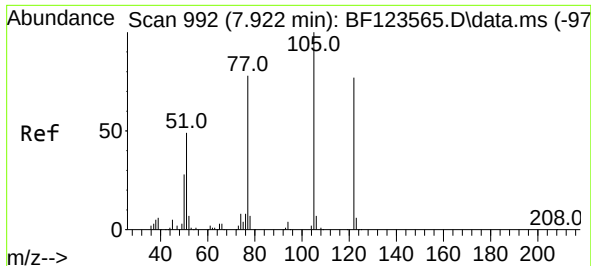
Lab File: BF123605.D

Acq: 16 Apr 2021 22:22

Tgt Ion: 82 Resp: 1751669

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

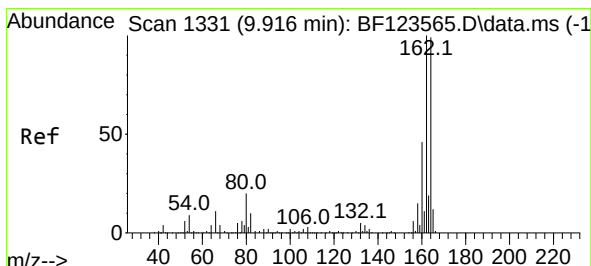
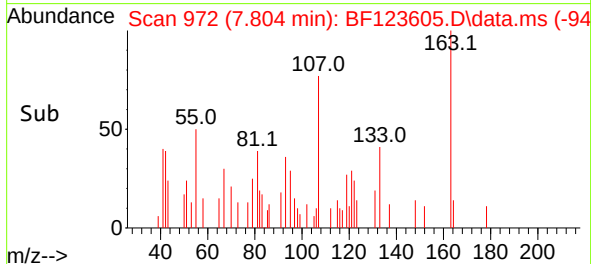
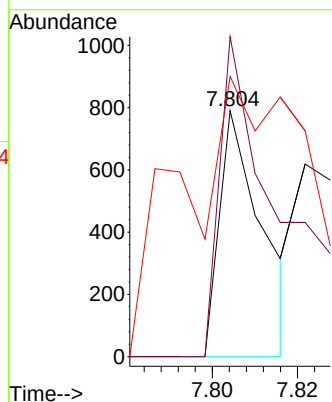
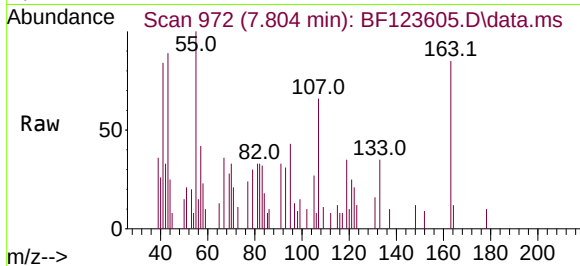




#32
Benzoic acid
Concen: 4.60 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.118 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

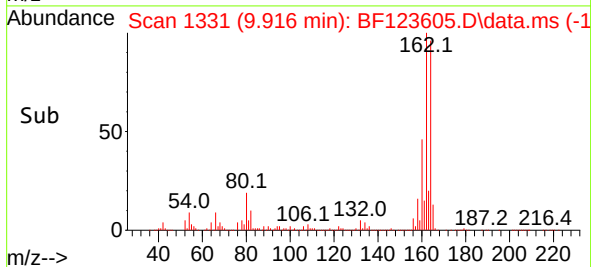
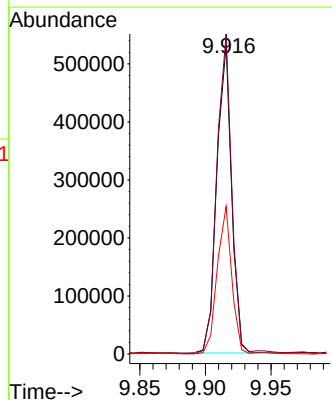
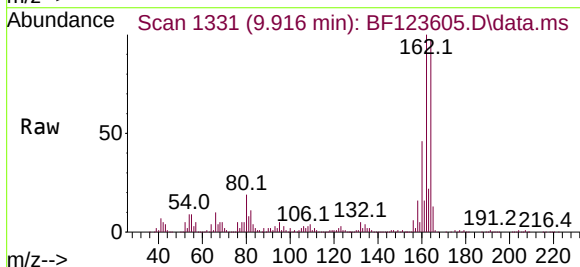
Instrument :
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ClientSampleId :
FILL-B

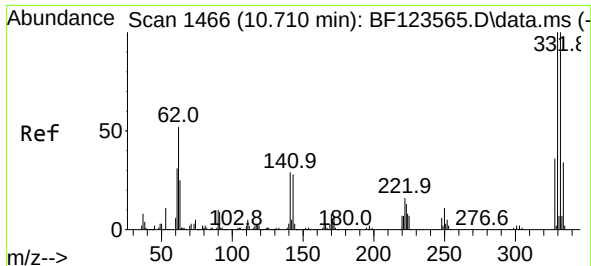
Tgt Ion:122 Resp: 550
Ion Ratio Lower Upper
122 100
105 130.1 107.8 147.8
77 113.9 81.6 121.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:164 Resp: 416701
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 47.7 37.3 55.9

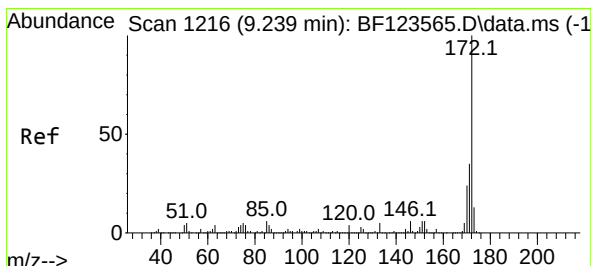
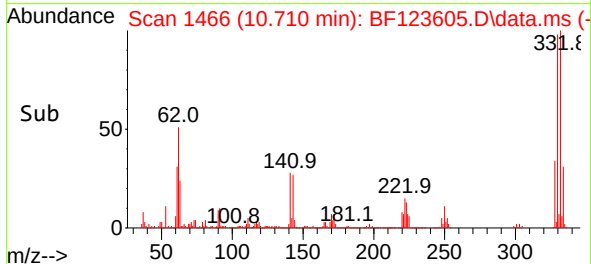
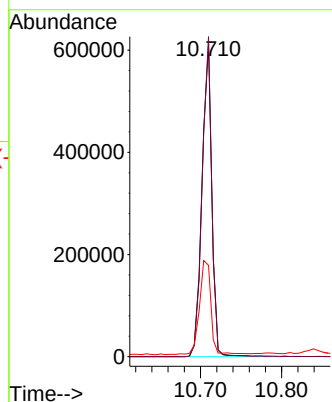
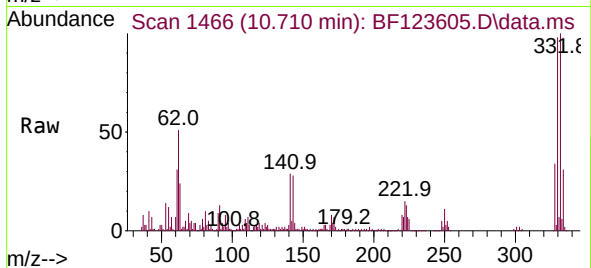




#42
2,4,6-Tribromophenol
Concen: 109.66 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

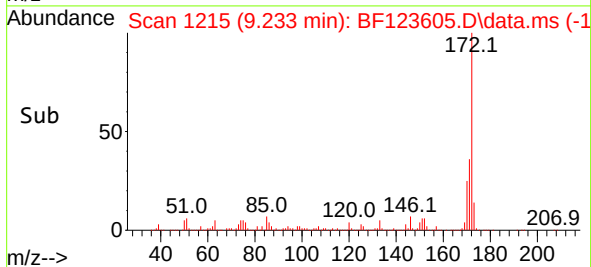
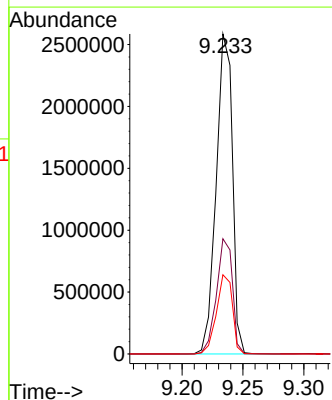
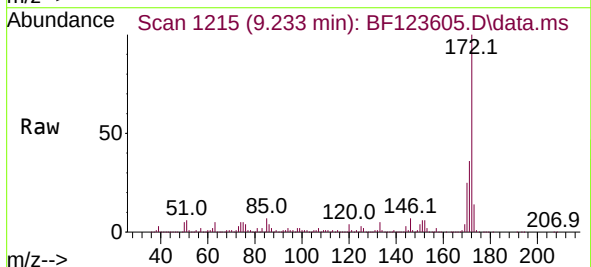
Instrument :
BNA_F
ClientSampleId :
FILL-B

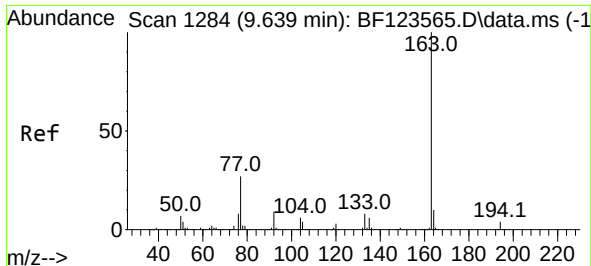
Tgt Ion:	330	Resp:	517451
Ion Ratio	Lower	Upper	
330	100		
332	99.9	77.1	115.7
141	34.8	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 85.95 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:	172	Resp:	2402489
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.1	42.1
170	24.8	19.2	28.8

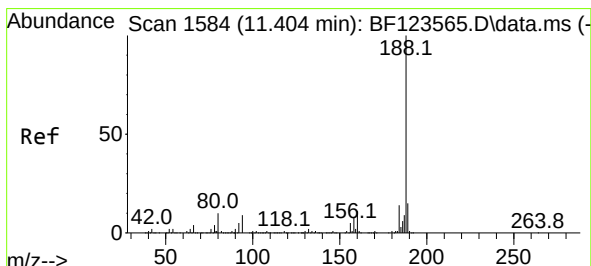
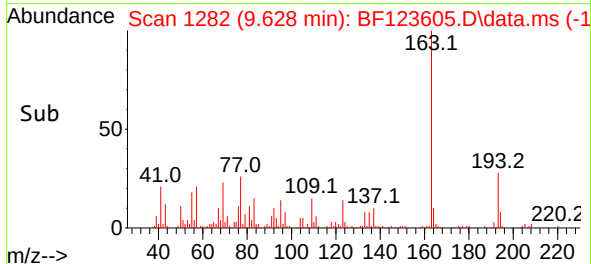
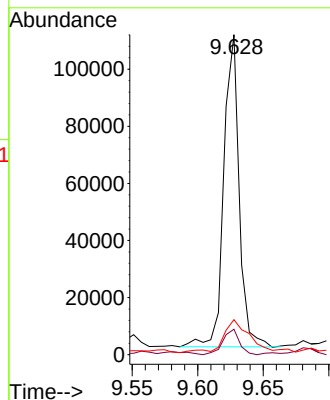
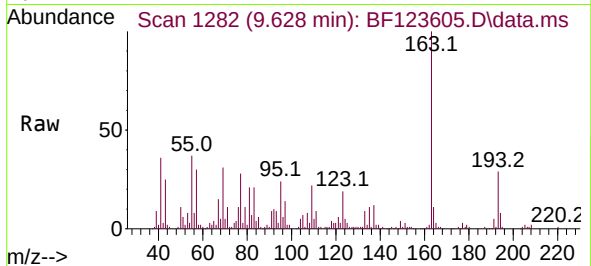




#50
Dimethylphthalate
Concen: 3.09 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

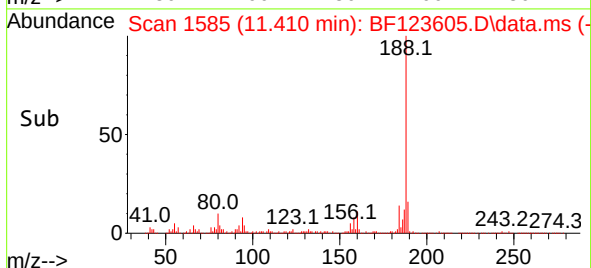
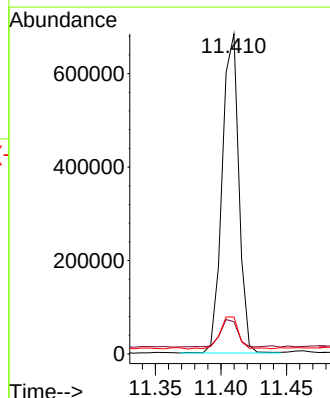
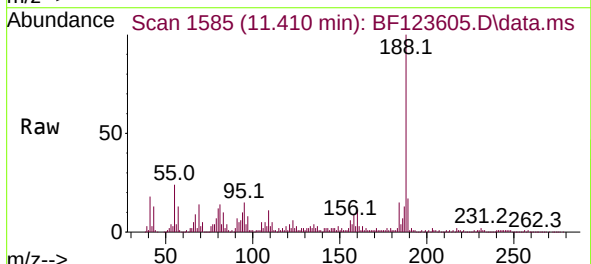
Instrument :
BNA_F
ClientSampled :
FILL-B

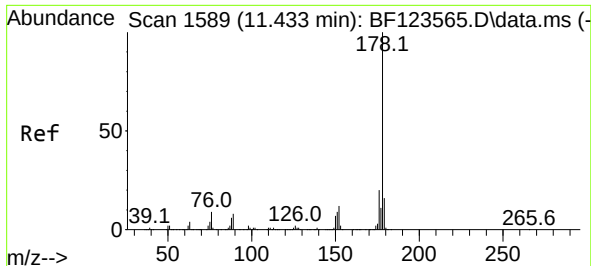
Tgt Ion:163 Resp: 88982
Ion Ratio Lower Upper
163 100
194 7.9 3.1 4.7#
164 11.0 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:188 Resp: 603879
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.5 8.2 12.2

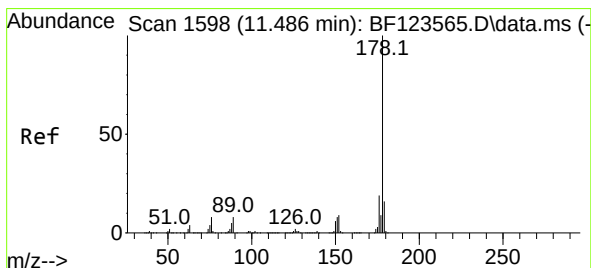
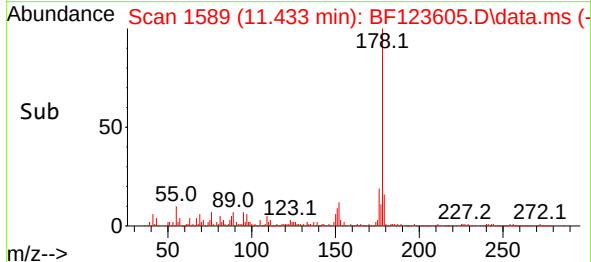
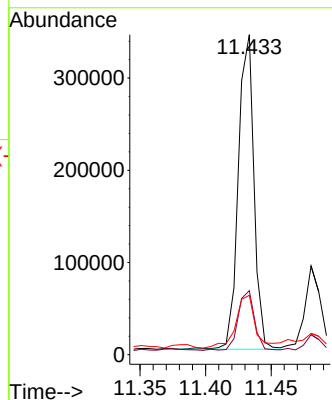
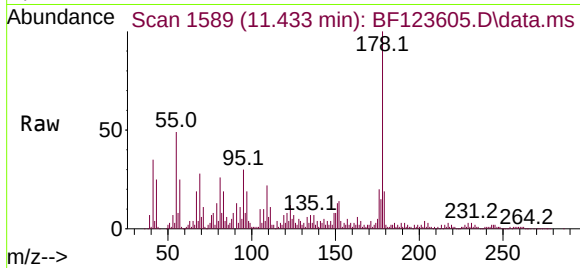




#71
Phenanthrene
Concen: 9.02 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

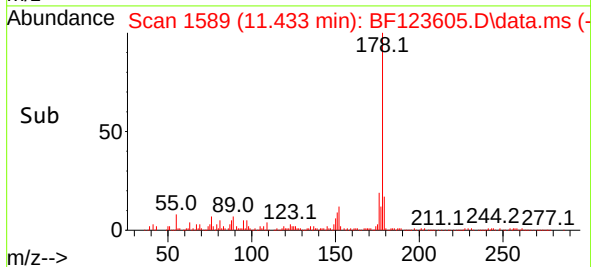
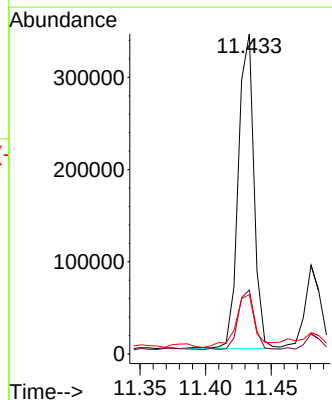
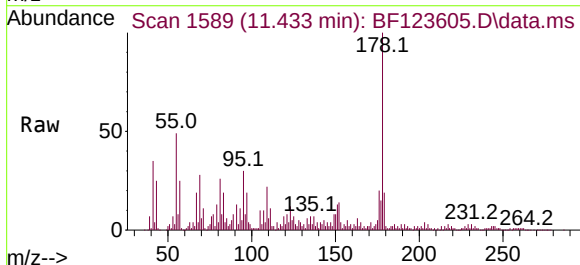
Instrument :
BNA_F
ClientSampled :
FILL-B

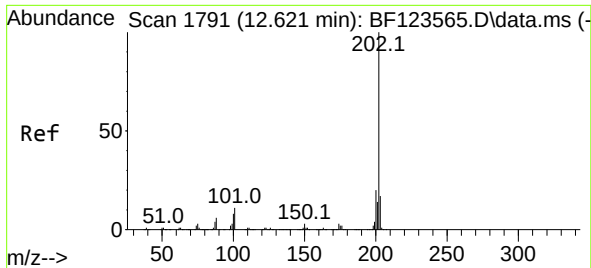
Tgt Ion:178 Resp: 284184
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 18.5 12.5 18.7



#72
Anthracene
Concen: 9.02 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.053 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:178 Resp: 284184
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 18.5 12.6 18.8

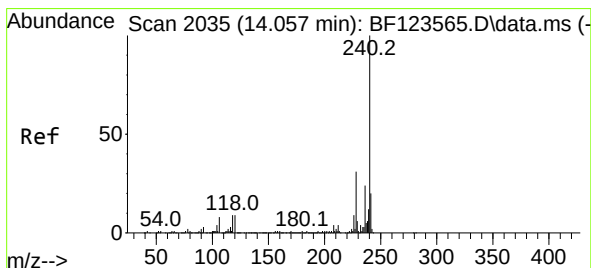
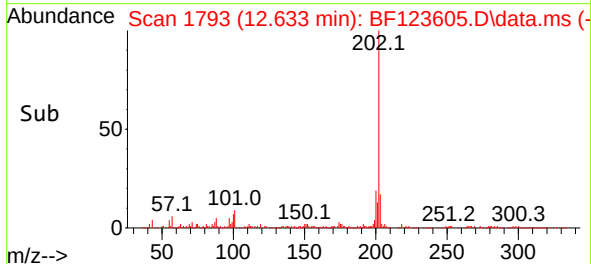
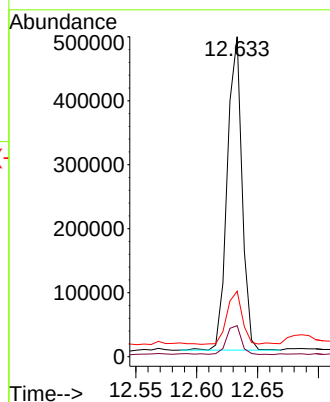
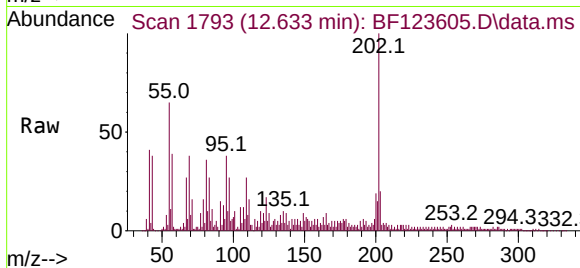




#75
Fluoranthene
Concen: 11.92 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

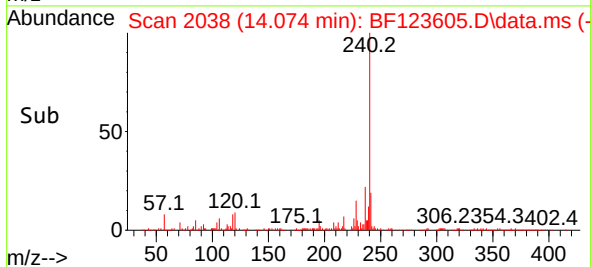
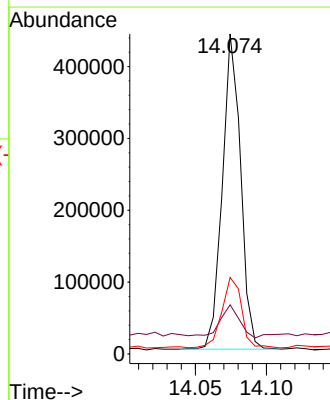
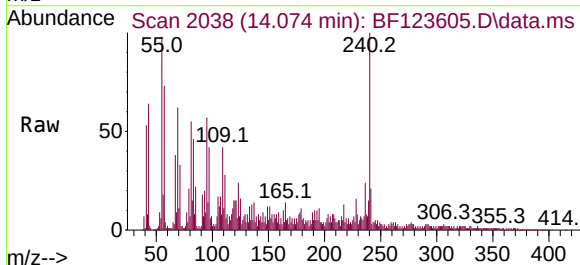
Instrument :
BNA_F
ClientSampled :
FILL-B

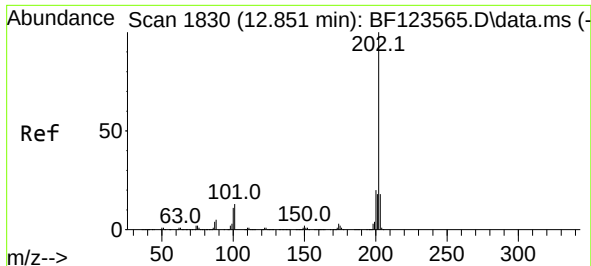
Tgt Ion:	202	Resp:	412823
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.9
203	20.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.018 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:	240	Resp:	392046
Ion Ratio	Lower	Upper	
240	100		
120	15.4	7.2	10.8#
236	23.9	19.0	28.4

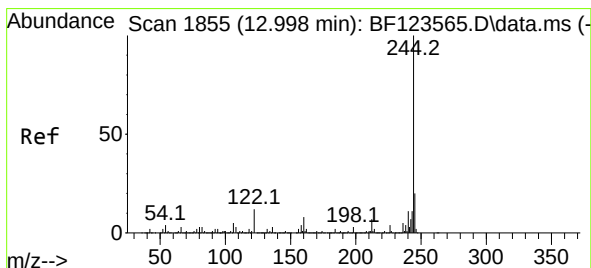
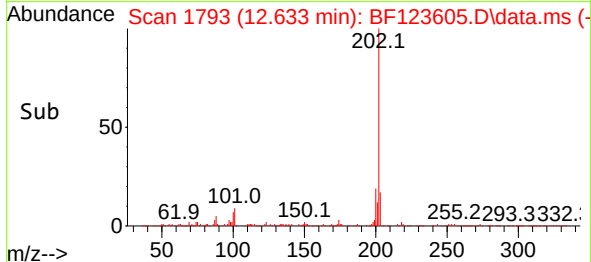
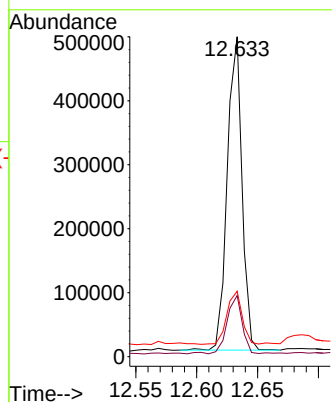
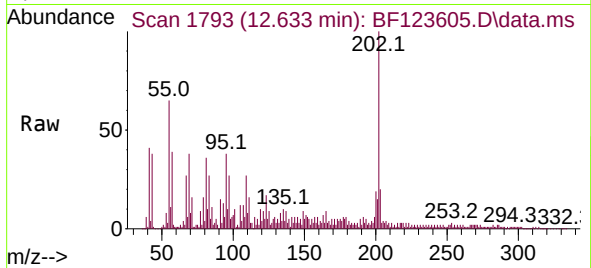




#78
Pyrene
Concen: 14.43 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.223 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

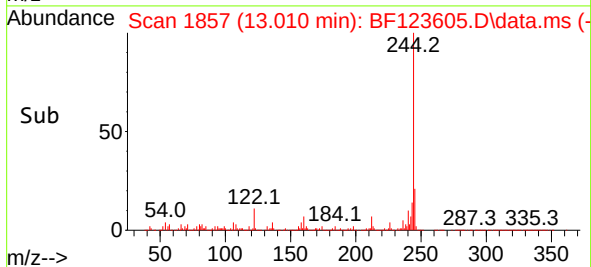
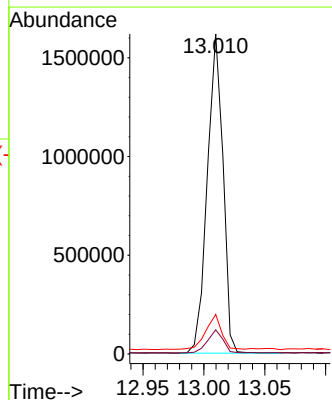
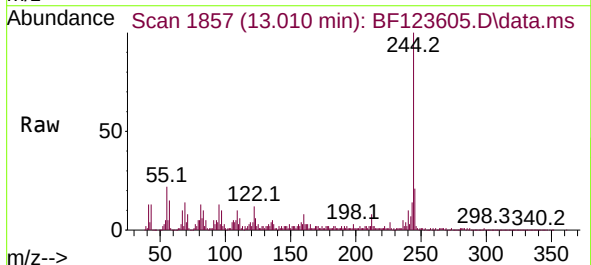
Instrument :
BNA_F
ClientSampleId :
FILL-B

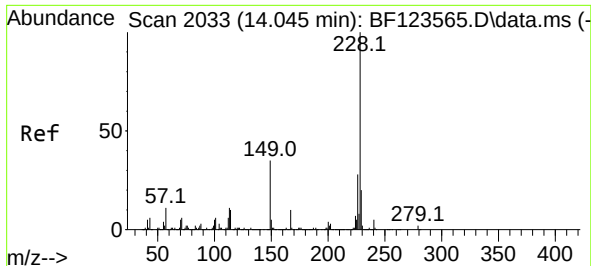
Tgt Ion:202 Resp: 412823
Ion Ratio Lower Upper
202 100
200 19.1 16.1 24.1
203 20.5 14.8 22.2



#79
Terphenyl-d14
Concen: 71.66 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.012 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:244 Resp: 1445402
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.3 9.7 14.5

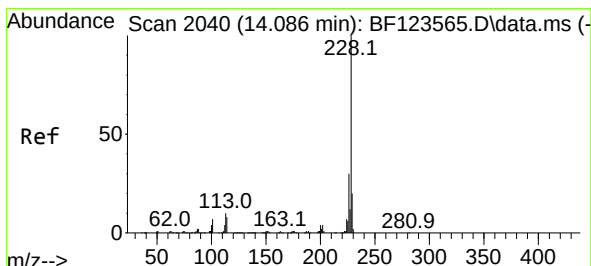
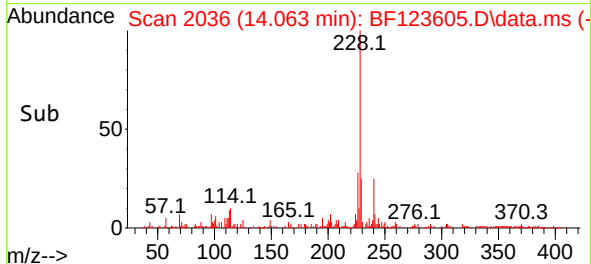
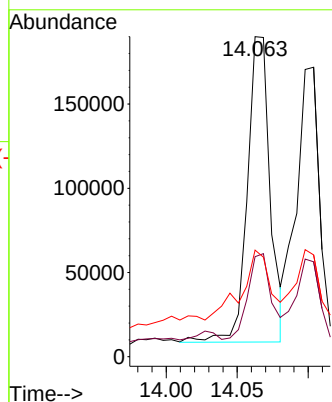
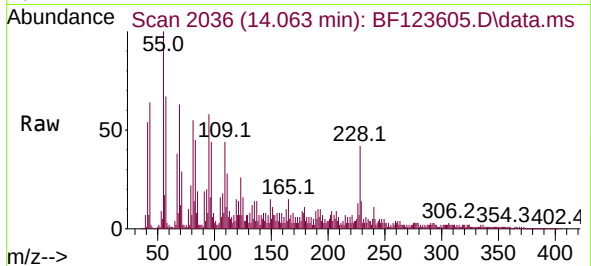




#81
Benzo(a)anthracene
Concen: 8.47 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

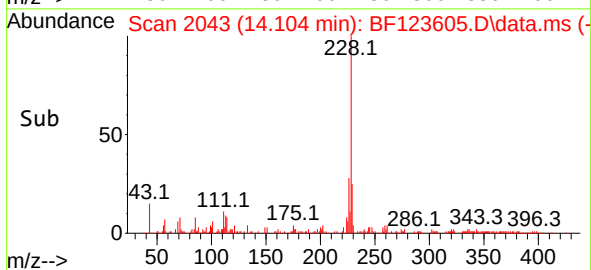
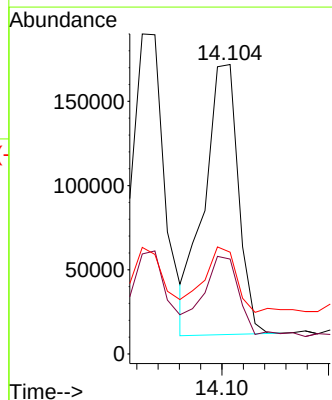
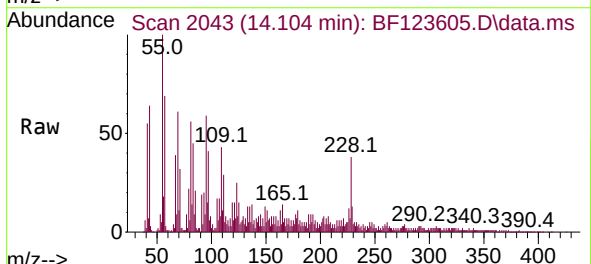
Instrument :
BNA_F
ClientSampled :
FILL-B

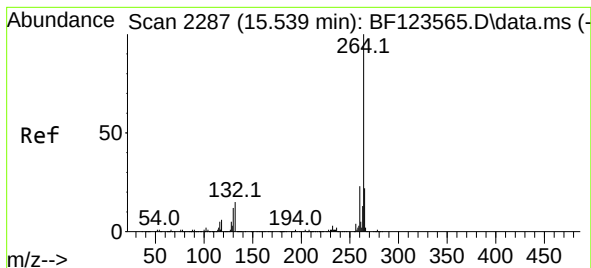
Tgt Ion:228 Resp: 203500
Ion Ratio Lower Upper
228 100
226 31.2 22.4 33.6
229 33.3 16.0 24.0#



#83
Chrysene
Concen: 7.41 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.018 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:228 Resp: 178878
Ion Ratio Lower Upper
228 100
226 32.8 24.3 36.5
229 35.2 16.2 24.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.592 min Scan# 2296

Delta R.T. 0.053 min

Lab File: BF123605.D

Acq: 16 Apr 2021 22:22

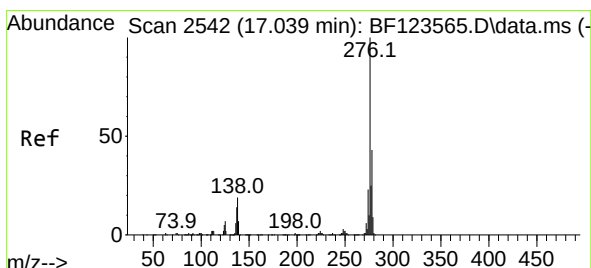
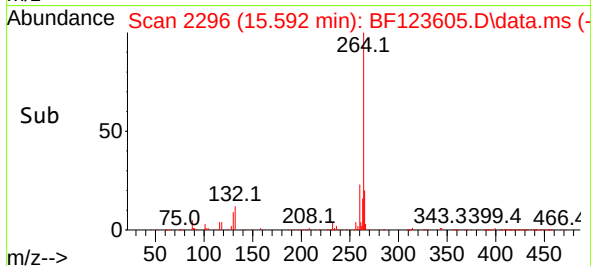
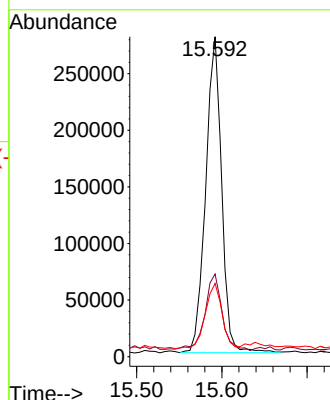
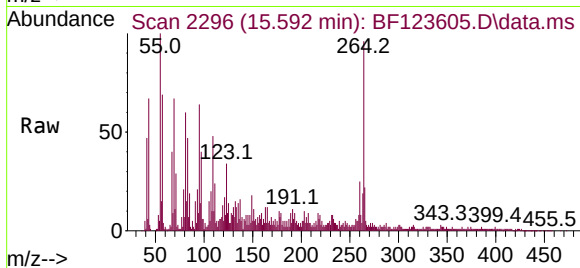
Tgt Ion:264 Resp: 361947

Ion Ratio Lower Upper

264 100

260 25.9 18.7 28.1

265 22.9 17.8 26.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.57 ng

RT: 17.092 min Scan# 2551

Delta R.T. 0.053 min

Lab File: BF123605.D

Acq: 16 Apr 2021 22:22

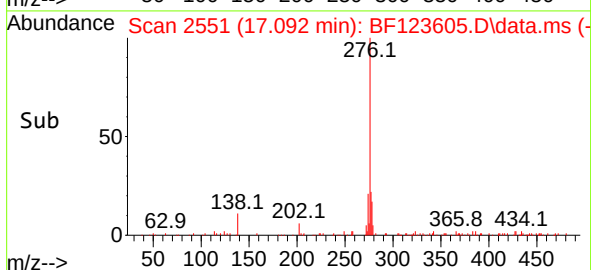
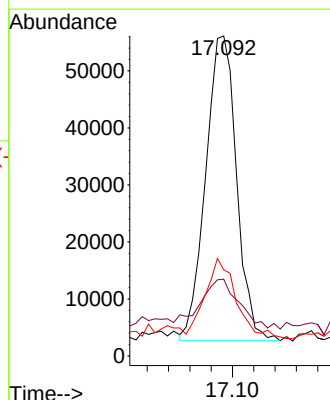
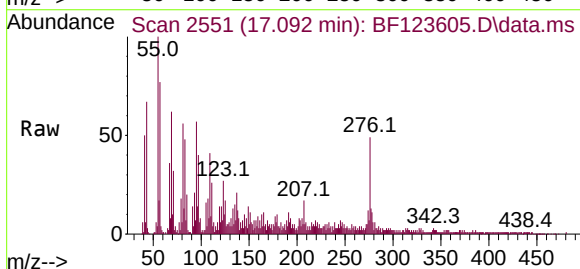
Tgt Ion:276 Resp: 107527

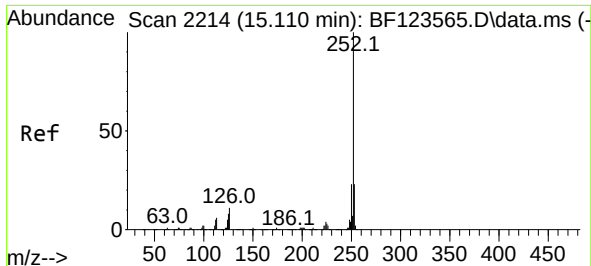
Ion Ratio Lower Upper

276 100

138 20.9 16.2 24.2

277 26.7 20.1 30.1

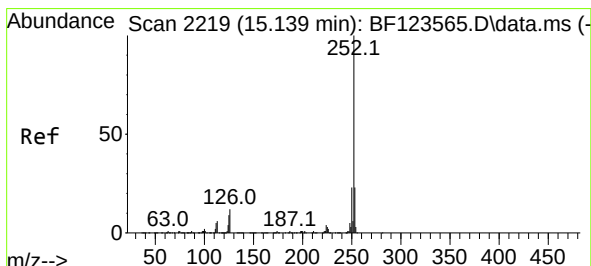
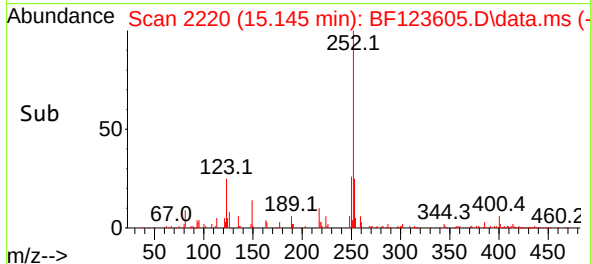
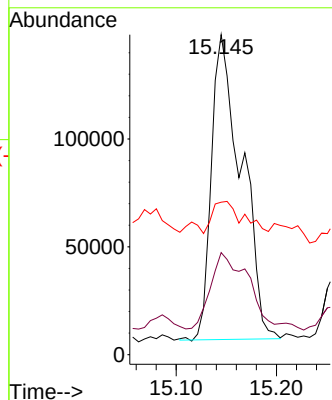
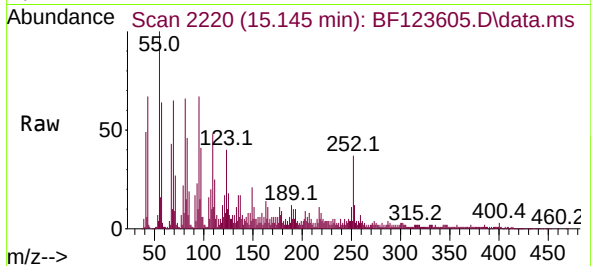




#88
Benzo(b)fluoranthene
Concen: 11.54 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.035 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

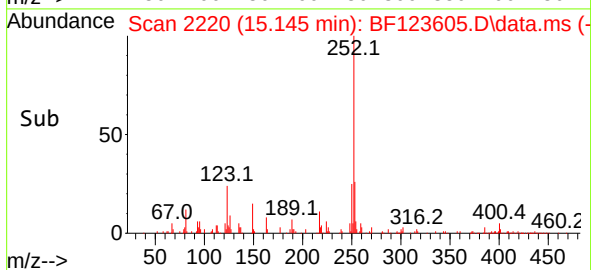
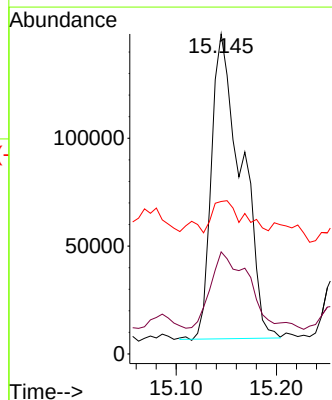
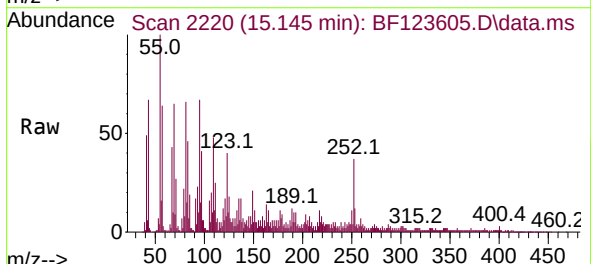
Instrument :
BNA_F
ClientSampled :
FILL-B

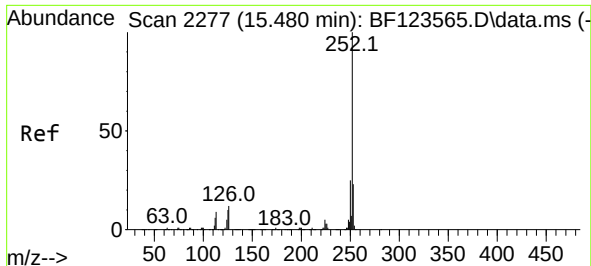
Tgt Ion:252 Resp: 295012
Ion Ratio Lower Upper
252 100
253 31.9 18.1 27.1#
125 47.7 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 11.71 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:252 Resp: 295012
Ion Ratio Lower Upper
252 100
253 31.9 17.9 26.9#
125 47.7 7.0 10.6#

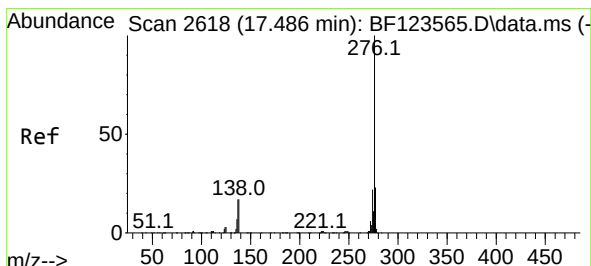
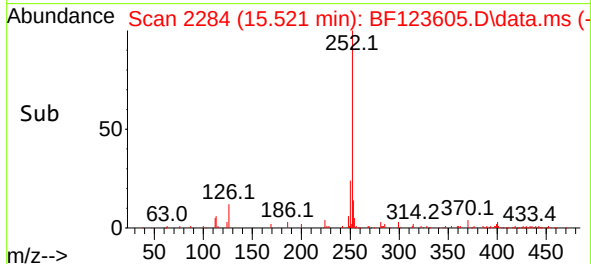
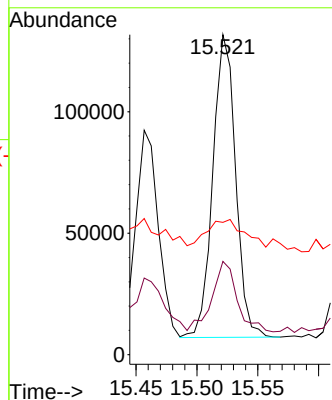
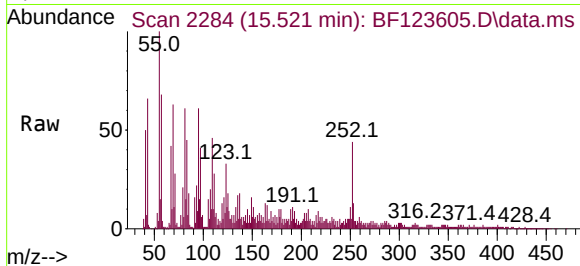




#90
Benzo(a)pyrene
Concen: 7.97 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.041 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Instrument :
BNA_F
ClientSampled :
FILL-B

Tgt Ion:252 Resp: 162096
Ion Ratio Lower Upper
252 100
253 29.2 18.4 27.6#
125 41.4 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 7.79 ng
RT: 17.539 min Scan# 2627
Delta R.T. 0.053 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:276 Resp: 105144
Ion Ratio Lower Upper
276 100
277 27.5 18.2 27.2#
138 19.7 13.8 20.6

