

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122655.D
 Acq On : 10 Dec 2020 19:49
 Operator : JU/CG
 Sample : L5008-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Dec 11 00:36:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

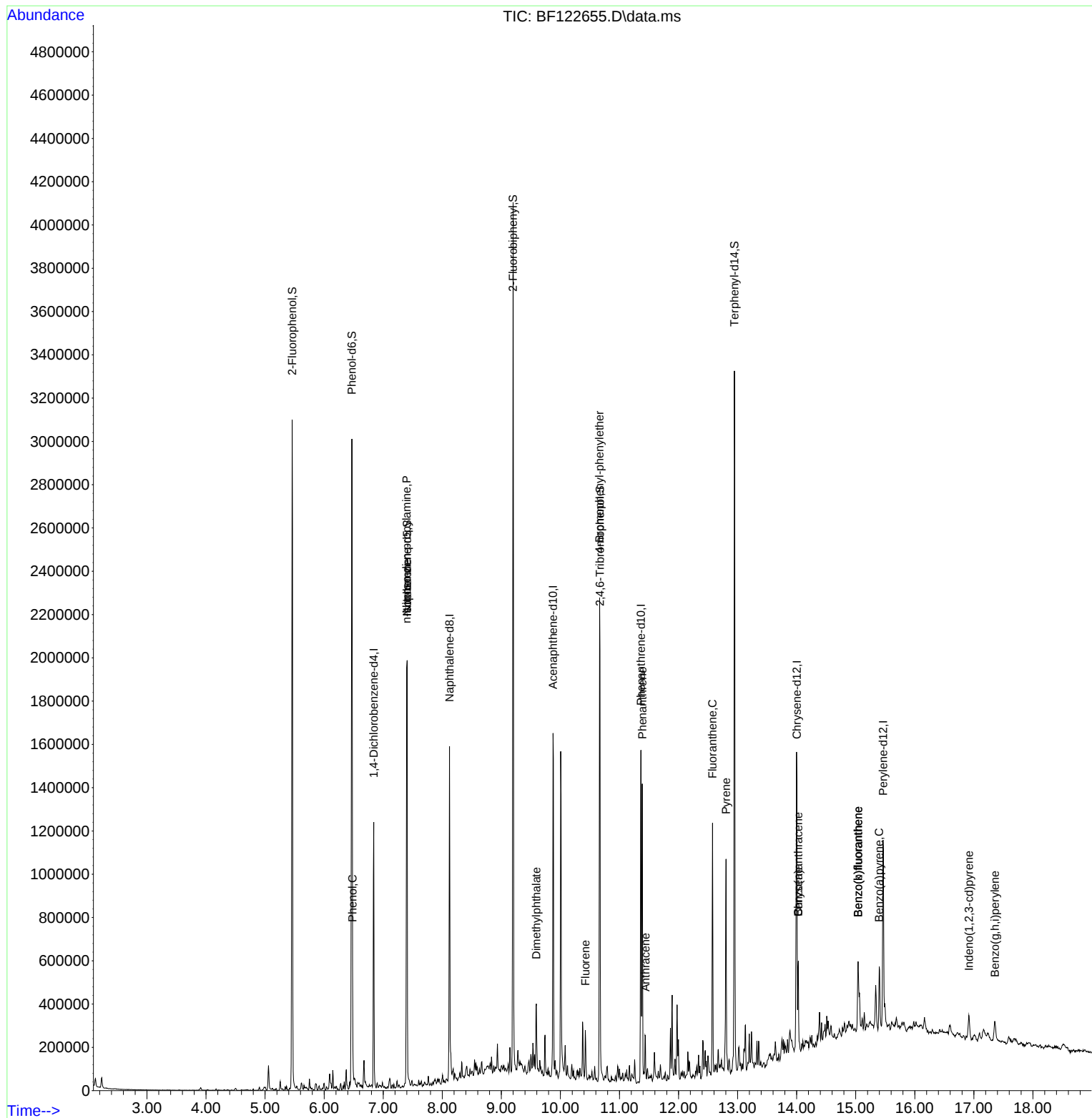
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	179778	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	670905	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	339770	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	554672	20.00	ng	0.00
76) Chrysene-d12	14.004	240	428661	20.00	ng	0.00
86) Perylene-d12	15.463	264	433376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	968325	85.27	ng	0.00
7) Phenol-d6	6.469	99	1208763	80.26	ng	-0.01
23) Nitrobenzene-d5	7.404	82	738692	55.16	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	318433	71.60	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1254724	49.95	ng	0.00
79) Terphenyl-d14	12.945	244	1068004	43.61	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.481	94	82900	5.31	ng	87
19) n-Nitroso-di-n-propyla...	7.398	70	103413	11.99	ng	# 77
25) Isophorone	7.404	82	730528	31.67	ng	# 65
50) Dimethylphthalate	9.592	163	115507	4.26	ng	99
58) Fluorene	10.422	166	60750	2.43	ng	100
67) 4-Bromophenyl-phenylether	10.663	248	19681	2.62	ng	# 1
71) Phenanthrene	11.386	178	485518	14.73	ng	98
72) Anthracene	11.439	178	87328	2.67	ng	98
75) Fluoranthene	12.574	202	429987	12.44	ng	98
78) Pyrene	12.804	202	388284	11.72	ng	99
81) Benzo(a)anthracene	14.027	228	170305	5.94	ng	96
83) Chrysene	14.027	228	170305	5.97	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	70821	2.49	ng	98
88) Benzo(b)fluoranthene	15.039	252	248110	8.16	ng	99
89) Benzo(k)fluoranthene	15.039	252	248110	8.92	ng	100
90) Benzo(a)pyrene	15.398	252	145601	5.47	ng	97
92) Benzo(g,h,i)perylene	17.357	276	74259	3.30	ng	97

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

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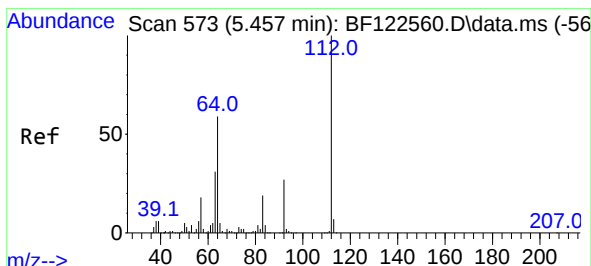
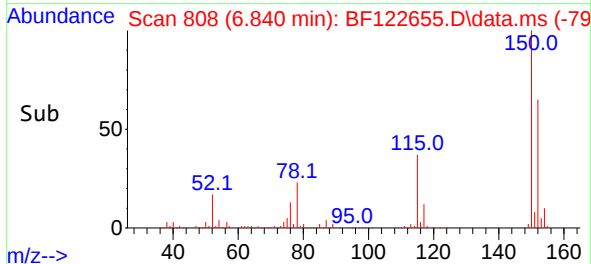
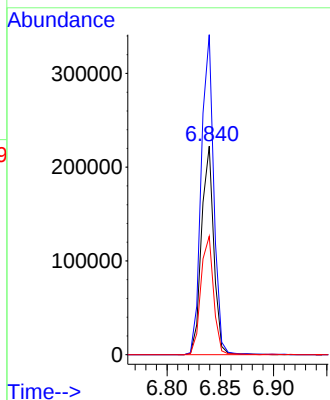
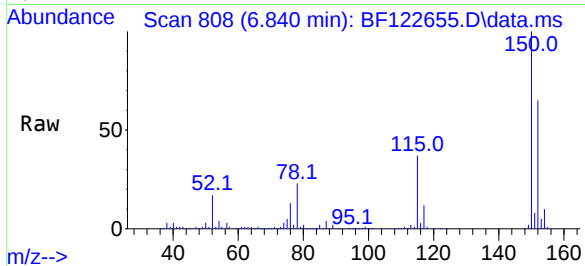




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

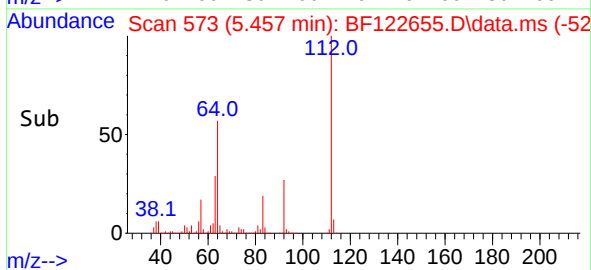
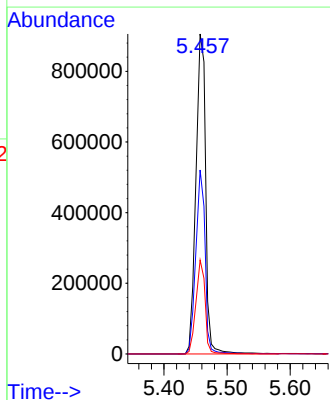
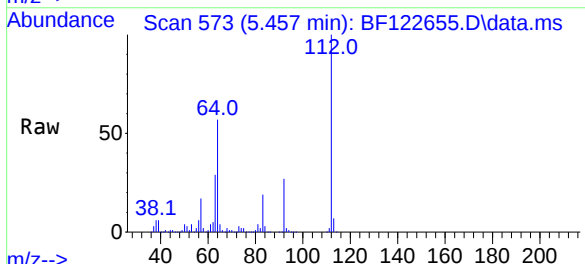
Instrument :
BNA_F
ClientSampled :
S-1

Tgt Ion:152 Resp: 179778
Ion Ratio Lower Upper
152 100
150 153.5 125.8 188.6
115 56.8 49.3 73.9



#5
2-Fluorophenol
Concen: 85.27 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:112 Resp: 968325
Ion Ratio Lower Upper
112 100
64 57.5 46.9 70.3
63 29.4 24.5 36.7



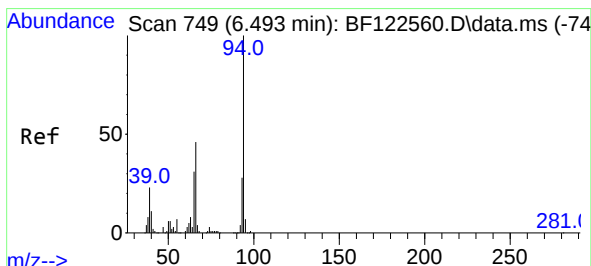
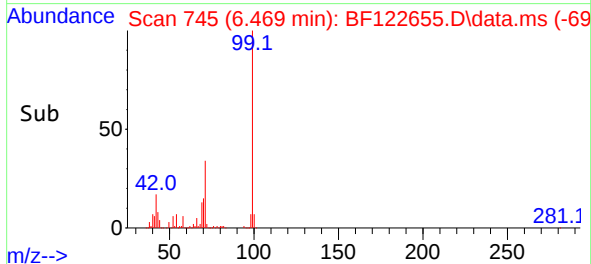
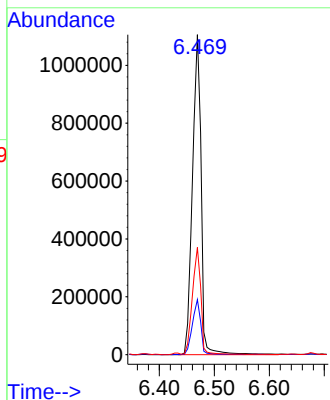
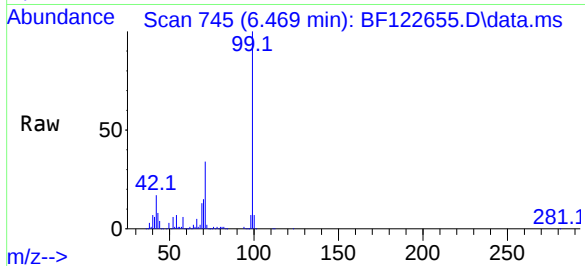


#7
Phenol-d6
Concen: 80.26 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 1208763

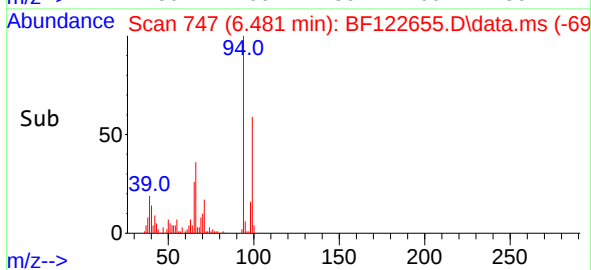
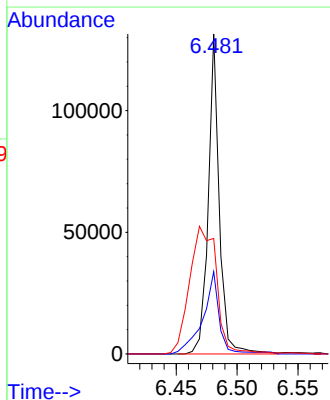
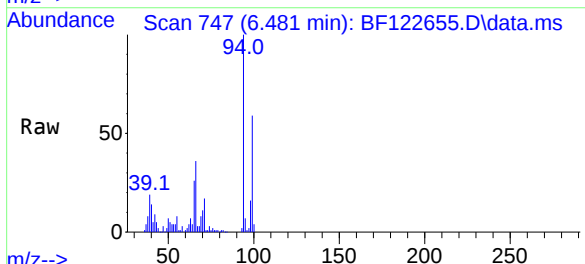
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	33.5	26.9	40.3

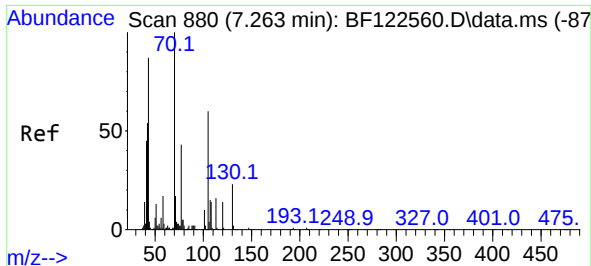


#10
Phenol
Concen: 5.31 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion: 94 Resp: 82900

Ion	Ratio	Lower	Upper
94	100		
65	25.7	11.2	51.2
66	36.1	25.8	65.8

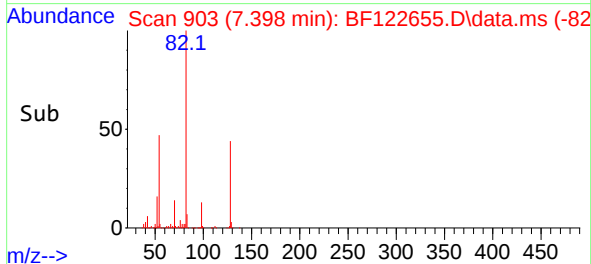
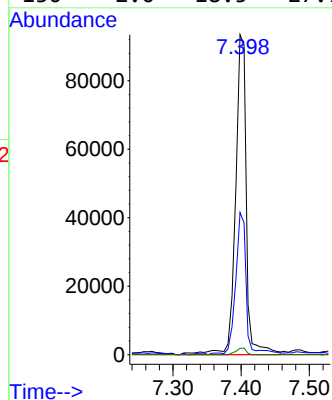
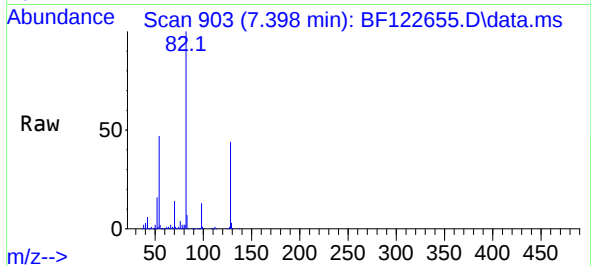




#19
n-Nitroso-di-n-propylamine
Concen: 11.99 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

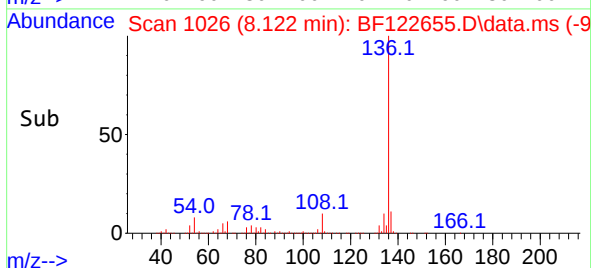
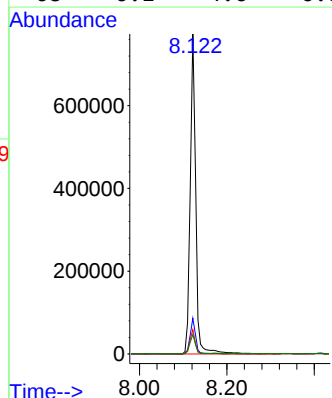
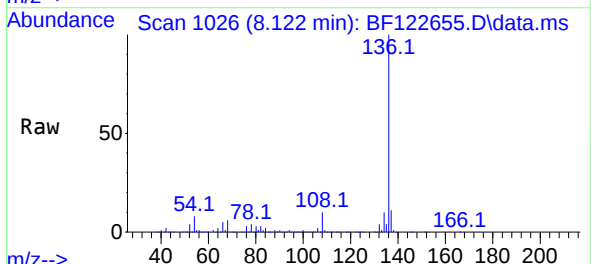
Instrument :
BNA_F
ClientSampleId :
S-1

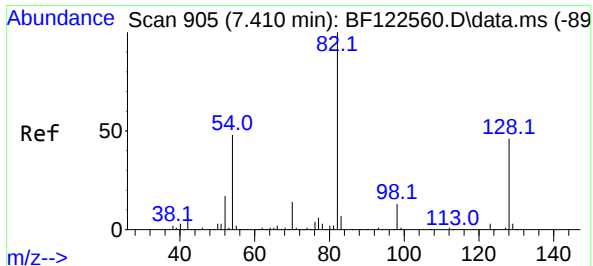
Tgt Ion: 70 Resp: 103413
Ion Ratio Lower Upper
70 100
42 44.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion: 136 Resp: 670905
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 5.5 8.3
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.16 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF122655.D

Acq: 10 Dec 2020 19:49

Tgt Ion: 82 Resp: 738692

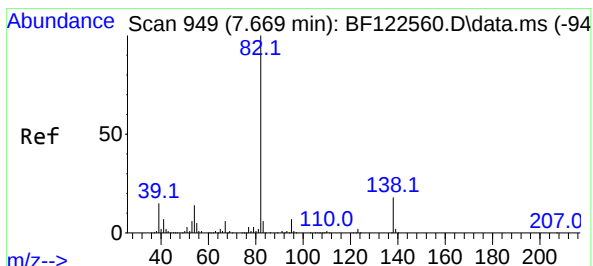
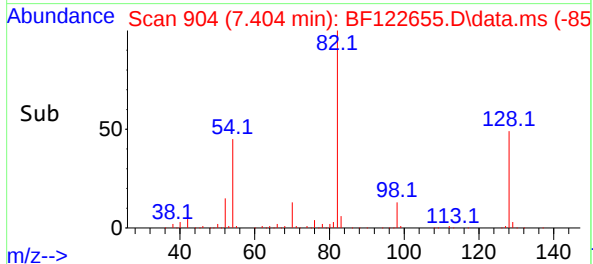
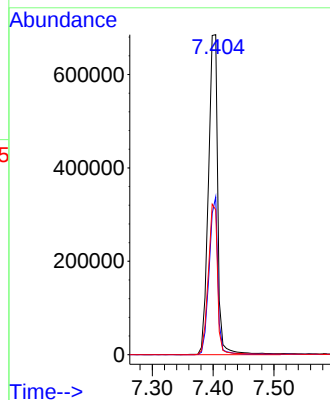
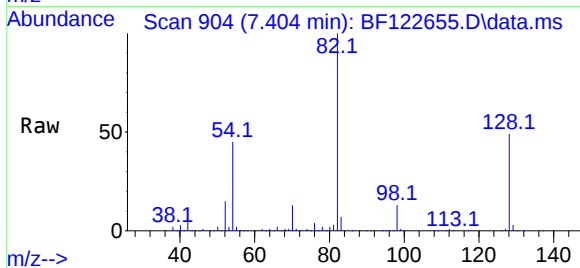
Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.0	55.4
54	45.3	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

S-1



#25

Isophorone

Concen: 31.67 ng

RT: 7.404 min Scan# 904

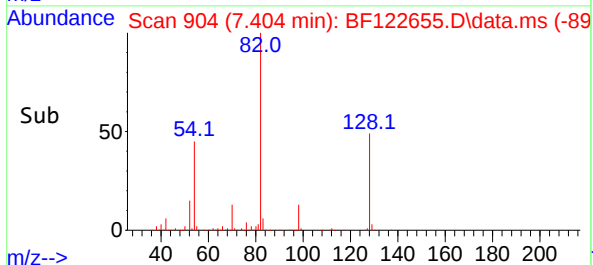
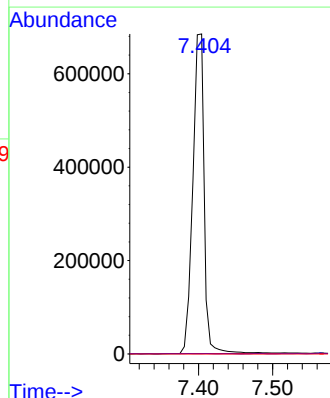
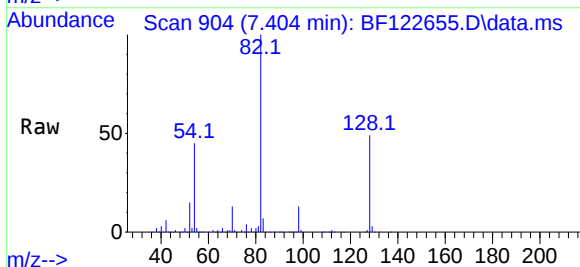
Delta R.T. -0.265 min

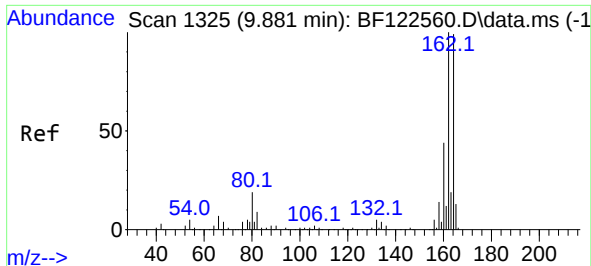
Lab File: BF122655.D

Acq: 10 Dec 2020 19:49

Tgt Ion: 82 Resp: 730528

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

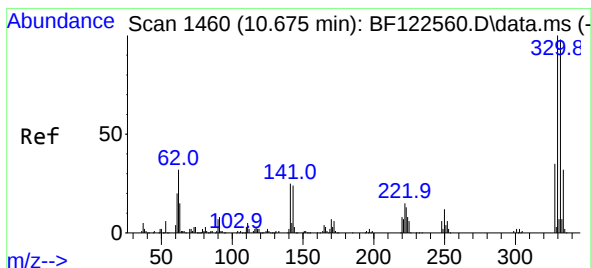
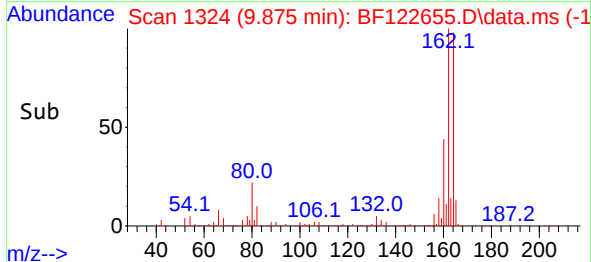
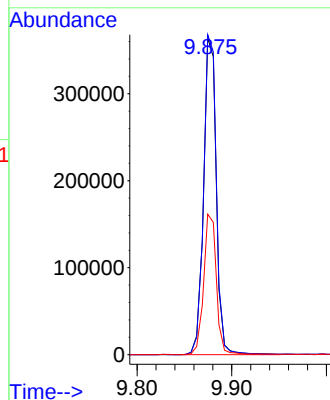
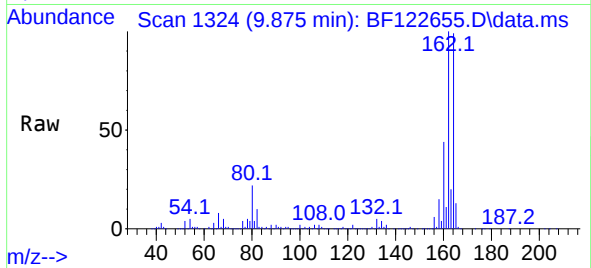




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

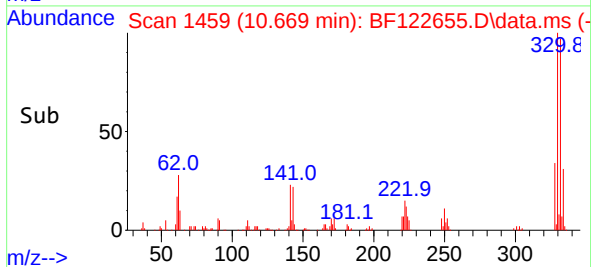
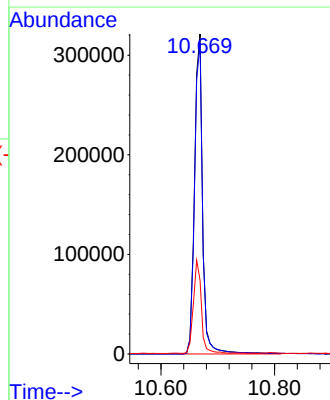
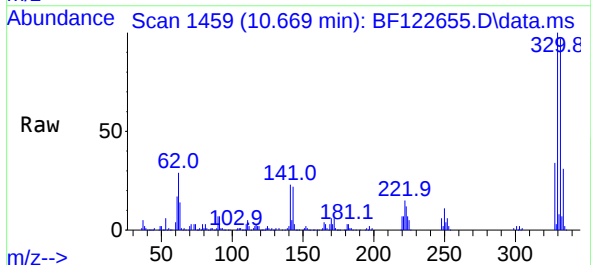
Instrument :
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ClientSampleId :
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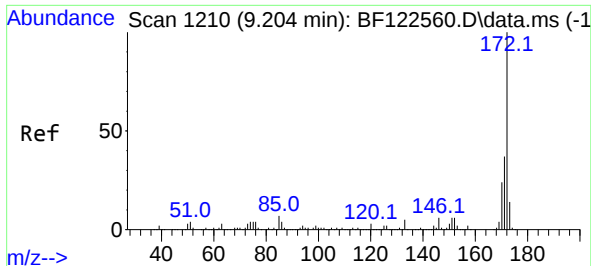
Tgt Ion:164 Resp: 339770
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 71.60 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:330 Resp: 318433
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 28.6 23.8 35.8



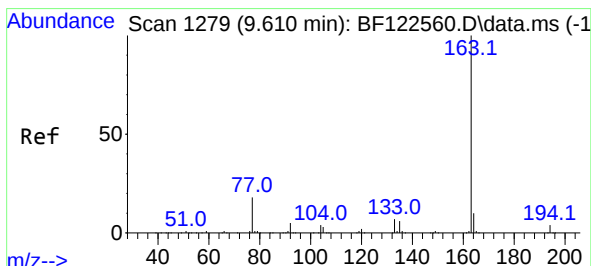
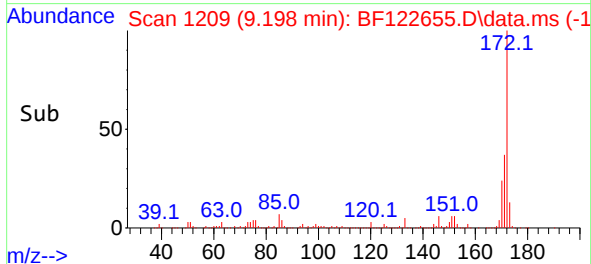
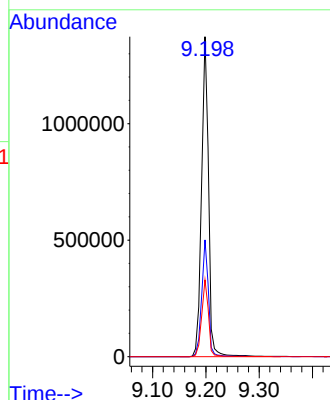
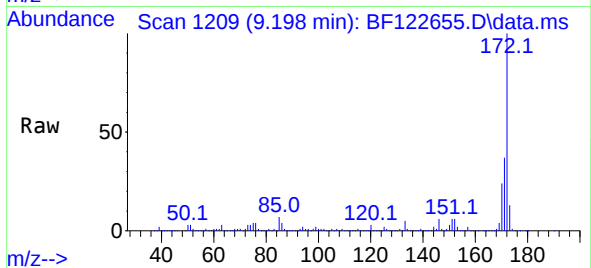


#45
2-Fluorobiphenyl
Concen: 49.95 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 1254724

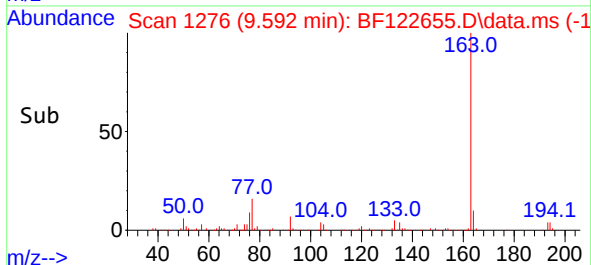
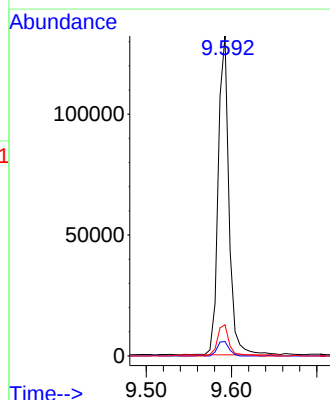
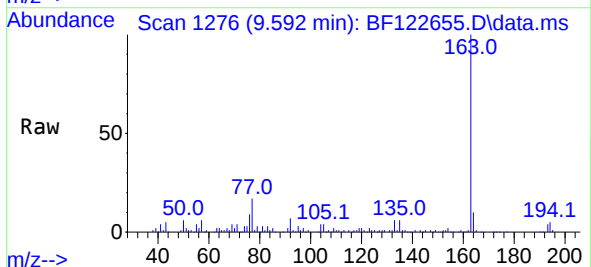
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.5	29.3

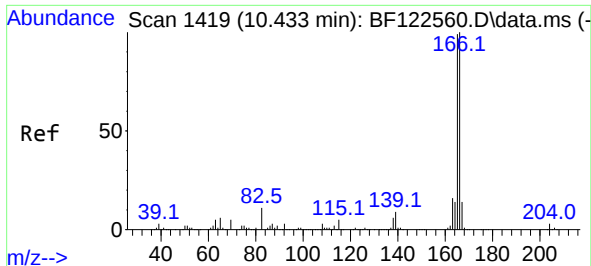


#50
Dimethylphthalate
Concen: 4.26 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:163 Resp: 115507

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.8	8.1	12.1

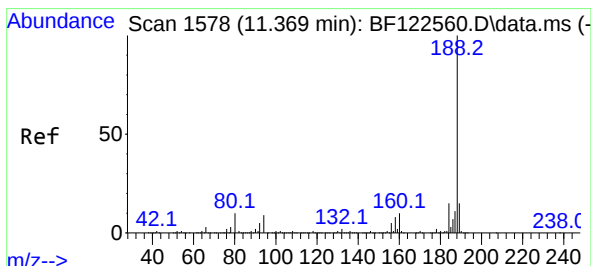
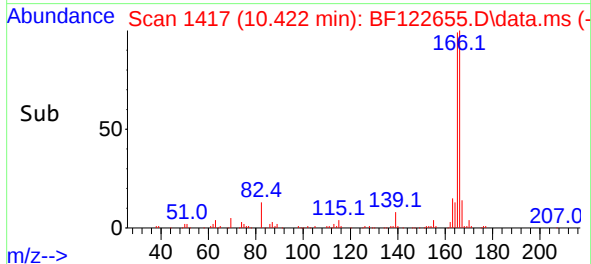
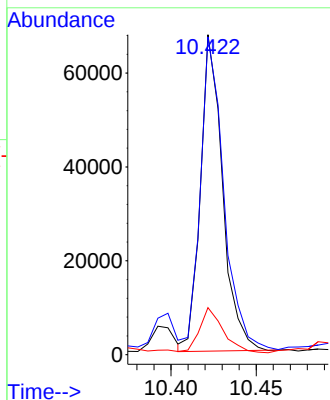
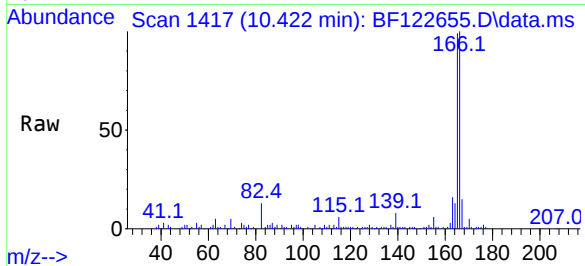




#58
Fluorene
Concen: 2.43 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

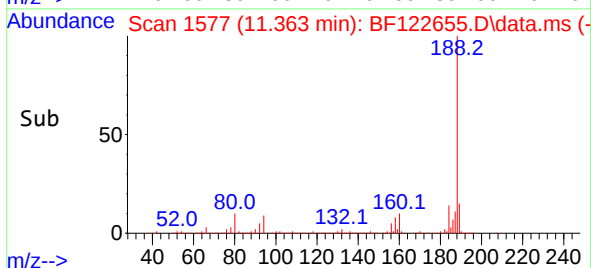
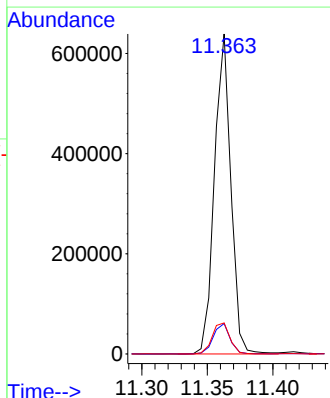
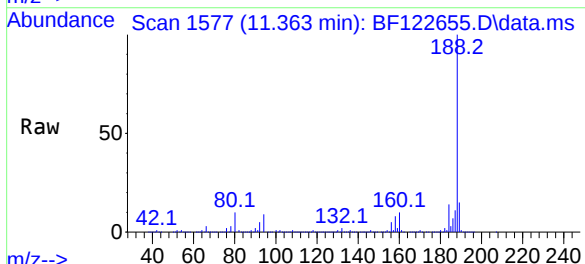
Instrument :
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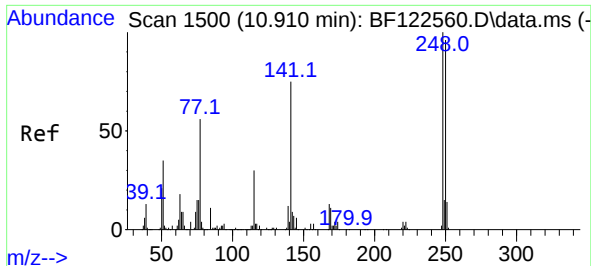
Tgt Ion:166 Resp: 60750
Ion Ratio Lower Upper
166 100
165 99.3 79.4 119.0
167 14.7 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:188 Resp: 554672
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 9.7 8.2 12.4

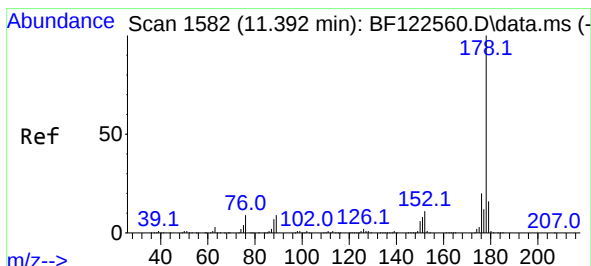
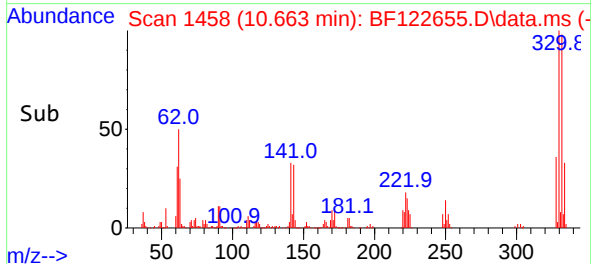
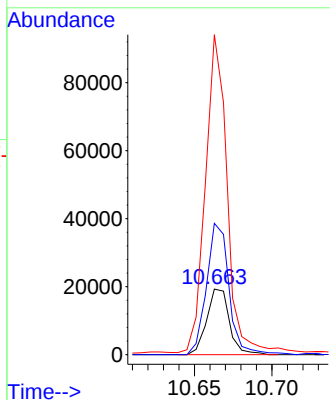
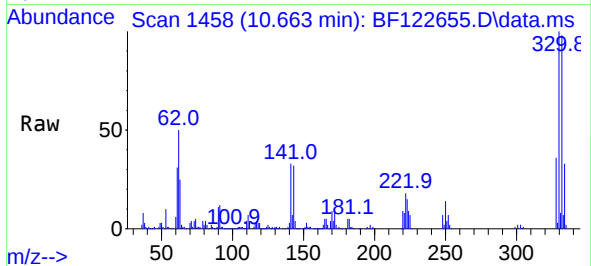




#67
4-Bromophenyl-phenylether
Concen: 2.62 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

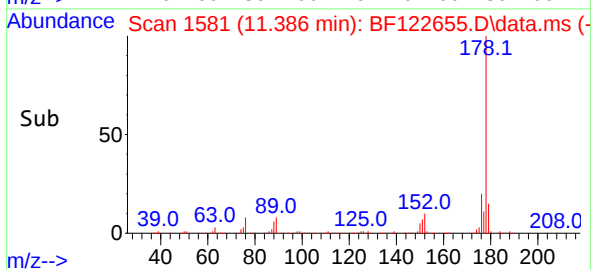
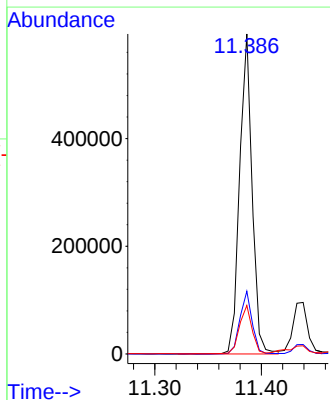
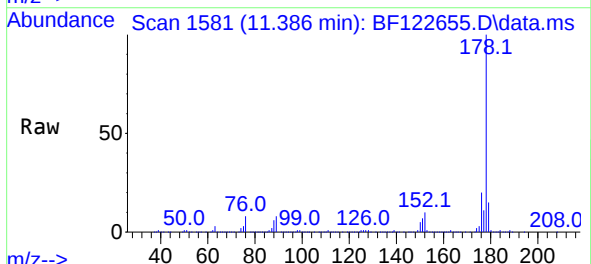
Instrument :
BNA_F
ClientSampleId :
S-1

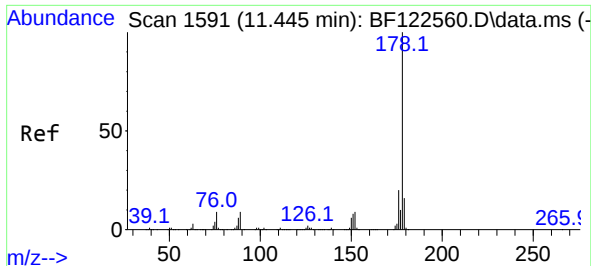
Tgt Ion:248 Resp: 19681
Ion Ratio Lower Upper
248 100
250 200.1 76.8 115.2#
141 487.5 59.8 89.8#



#71
Phenanthrene
Concen: 14.73 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:178 Resp: 485518
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.2
179 15.2 12.7 19.1

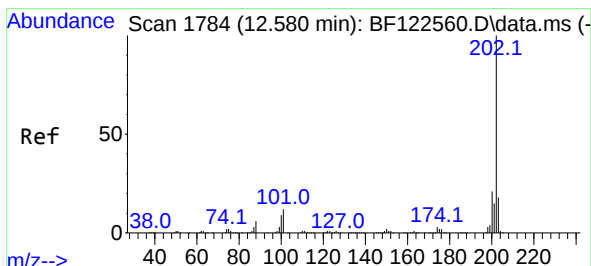
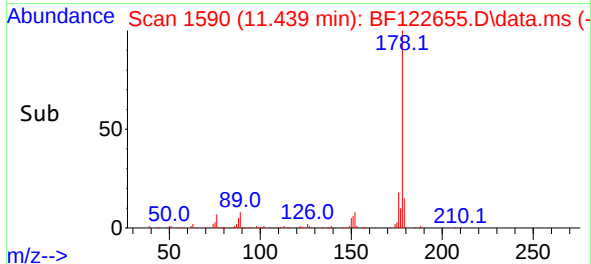
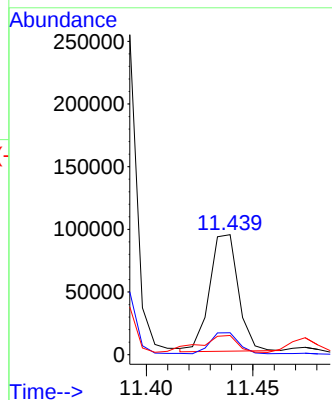
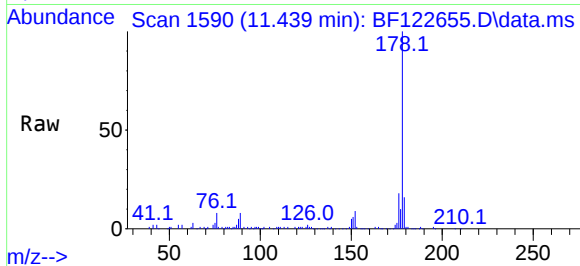




#72
 Anthracene
 Concen: 2.67 ng
 RT: 11.439 min Scan# 1590
 Delta R.T. -0.006 min
 Lab File: BF122655.D
 Acq: 10 Dec 2020 19:49

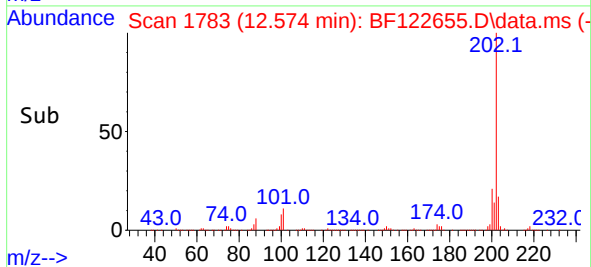
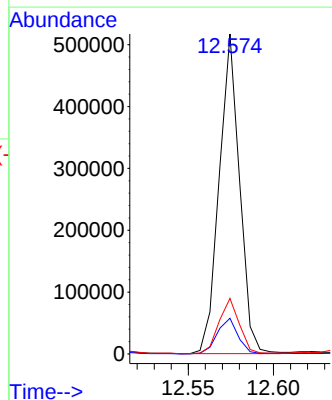
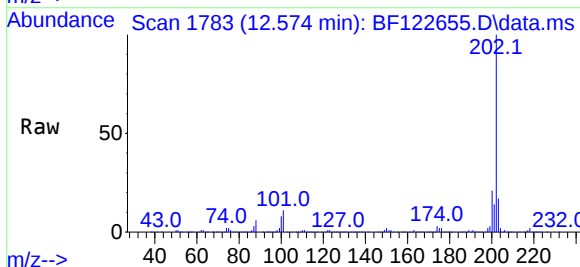
Instrument :
 BNA_F
 ClientSampleId :
 S-1

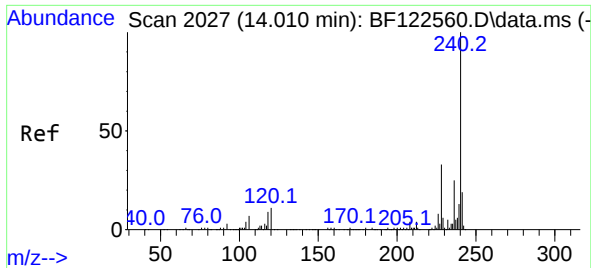
Tgt Ion:178	Resp:	87328
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.6 23.4
179	16.0	12.8 19.2



#75
 Fluoranthene
 Concen: 12.44 ng
 RT: 12.574 min Scan# 1783
 Delta R.T. -0.006 min
 Lab File: BF122655.D
 Acq: 10 Dec 2020 19:49

Tgt Ion:202	Resp:	429987
Ion Ratio	Lower	Upper
202	100	
101	11.1	0.0 32.2
203	17.4	0.0 38.1



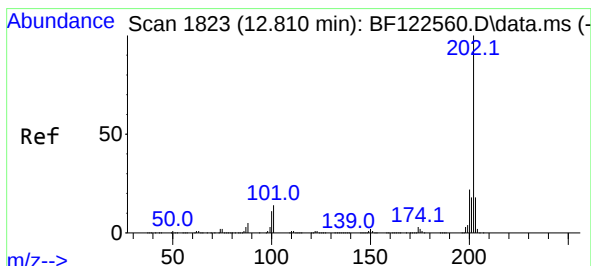
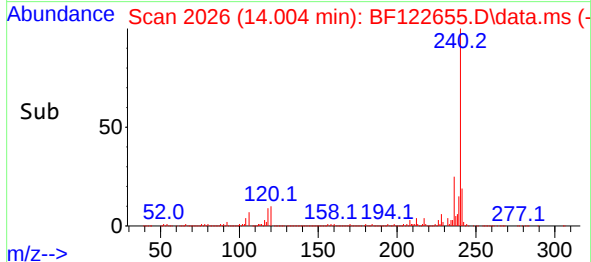
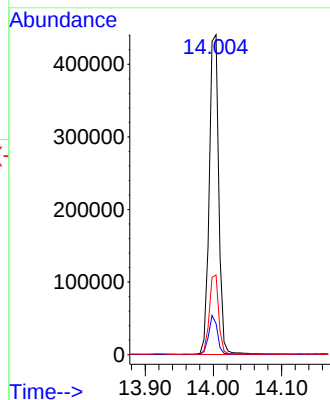
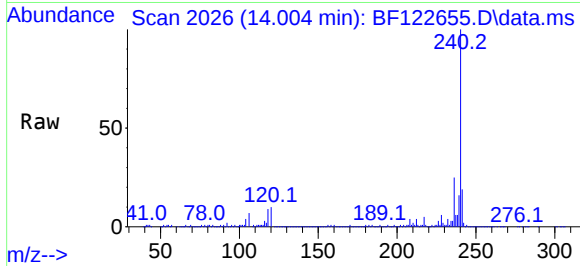


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Instrument :
BNA_F
ClientSampled :
S-1

Tgt Ion:240 Resp: 428661

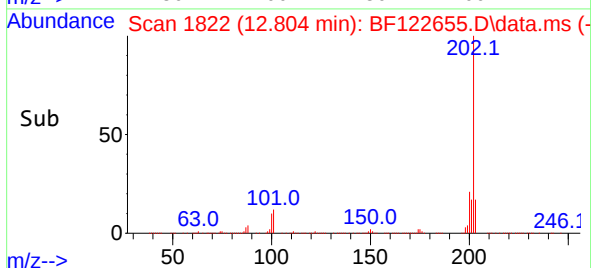
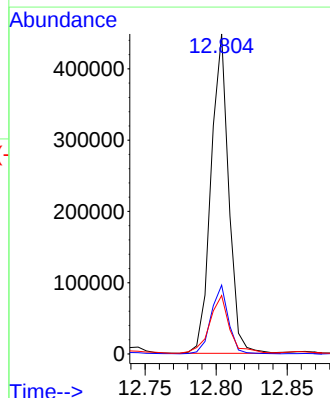
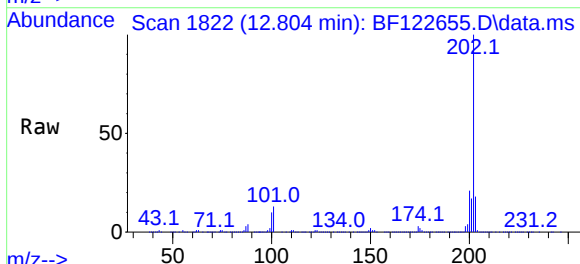
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	12.8
236	24.9	20.3	30.5

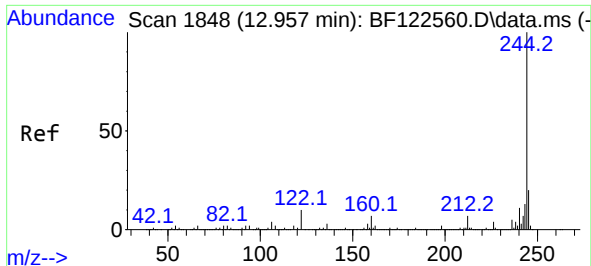


#78
Pyrene
Concen: 11.72 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:202 Resp: 388284

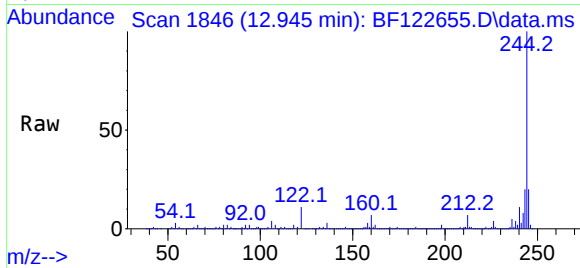
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.3	14.6	21.8



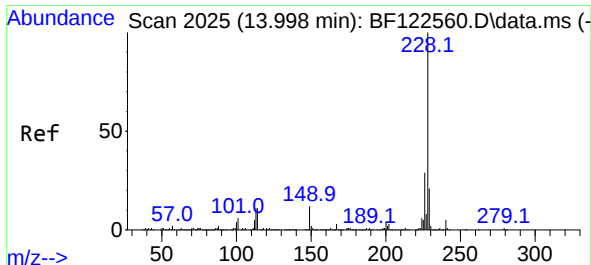
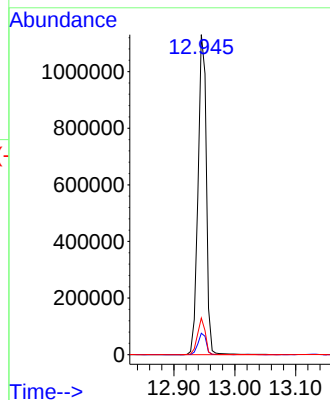
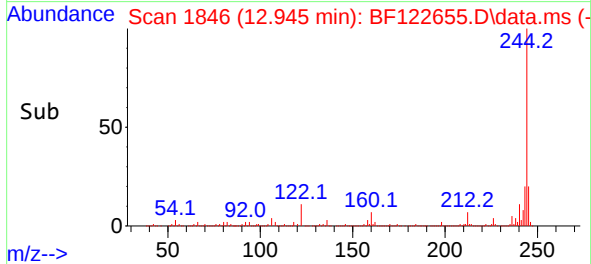


#79
Terphenyl-d14
Concen: 43.61 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

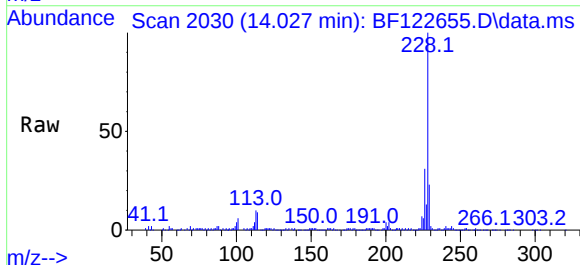
Instrument :
BNA_F
ClientSampled :
S-1



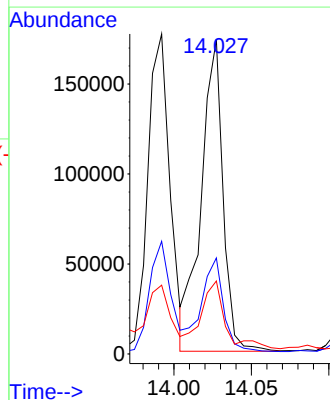
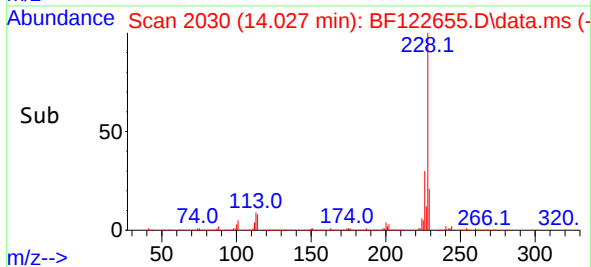
Tgt Ion:244 Resp: 1068004
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 11.4 8.3 12.5

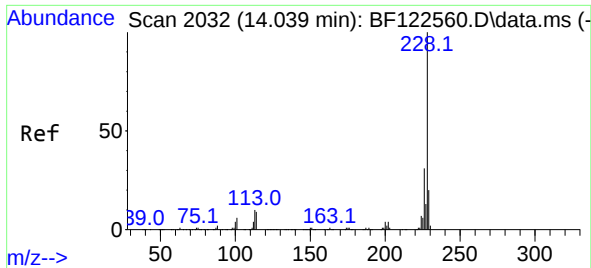


#81
Benzo(a)anthracene
Concen: 5.94 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.029 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49



Tgt Ion:228 Resp: 170305
Ion Ratio Lower Upper
228 100
226 30.5 23.0 34.4
229 23.2 16.6 24.8



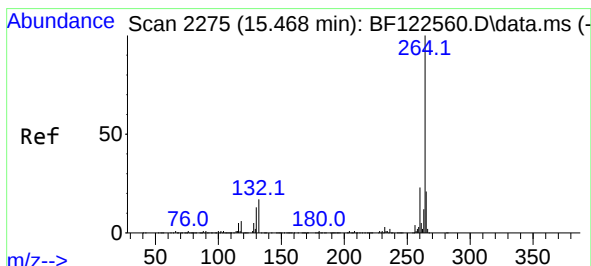
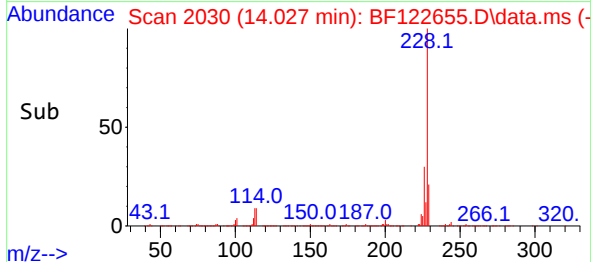
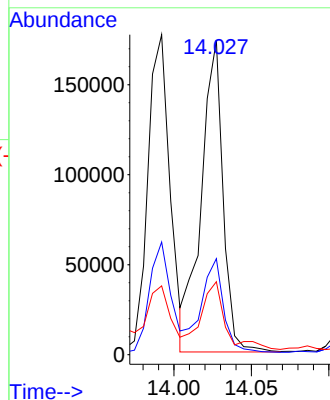
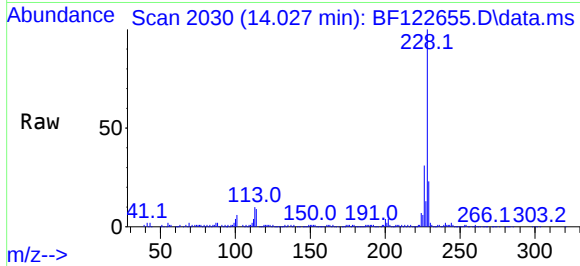


#83
Chrysene
Concen: 5.97 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:228 Resp: 170305

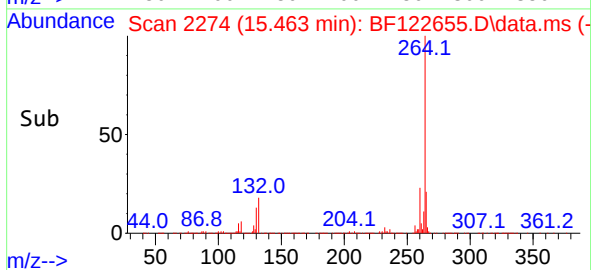
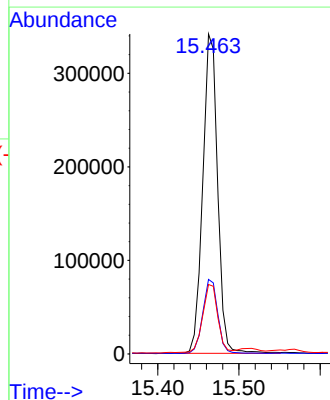
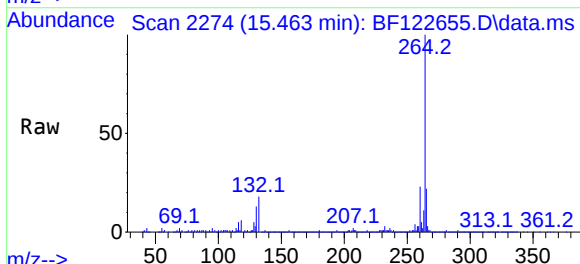
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	36.8
229	23.2	15.8	23.6

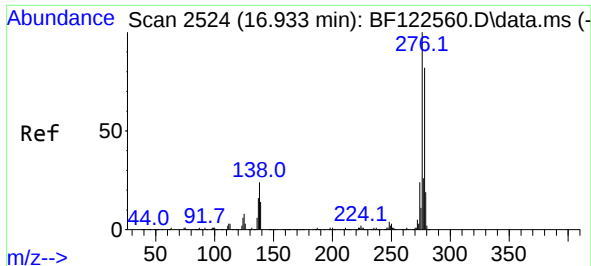


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:264 Resp: 433376

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.7	17.0	25.6

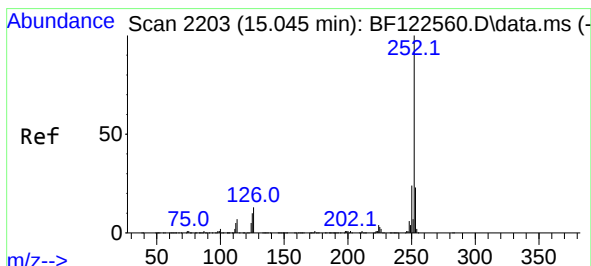
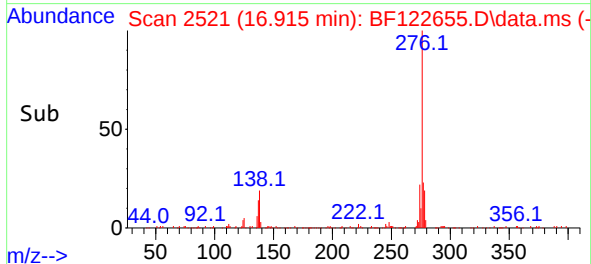
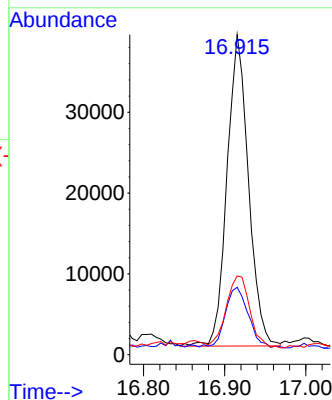
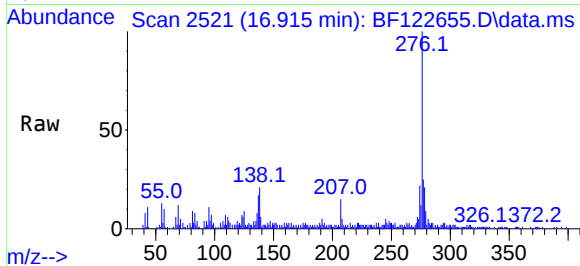




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.49 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.018 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

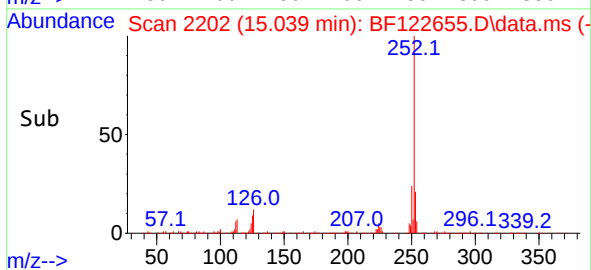
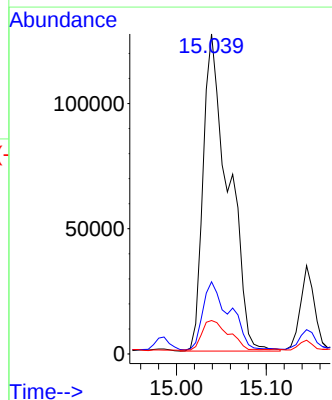
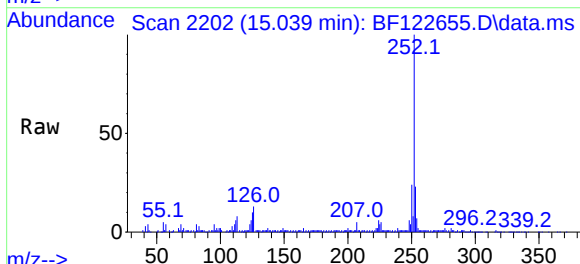
Instrument :
BNA_F
ClientSampled :
S-1

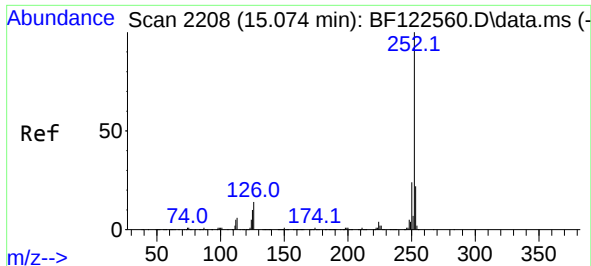
Tgt Ion:276 Resp: 70821
Ion Ratio Lower Upper
276 100
138 21.2 18.7 28.1
277 25.6 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 8.16 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122655.D
Acq: 10 Dec 2020 19:49

Tgt Ion:252 Resp: 248110
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 8.92 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.035 min

Lab File: BF122655.D

Acq: 10 Dec 2020 19:49

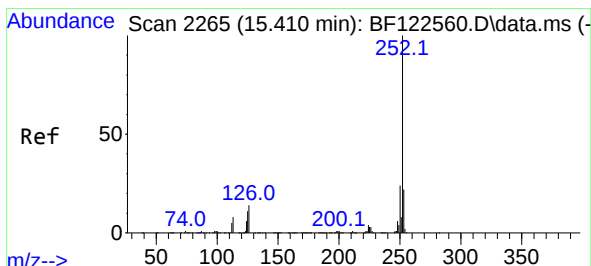
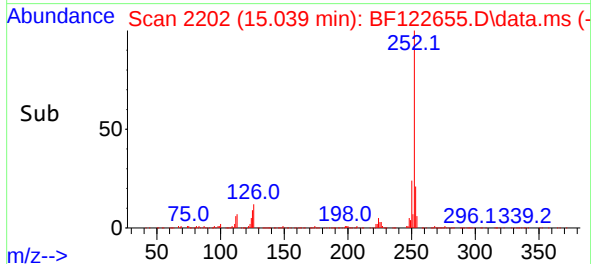
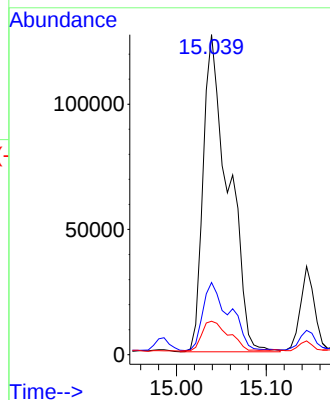
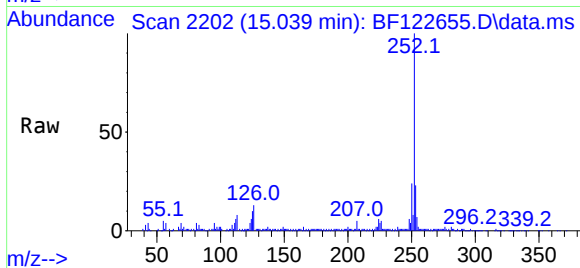
Instrument :

BNA_F

ClientSampled :

S-1

Tgt Ion:252	Resp:	248110
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.8 26.8
125	10.4	8.4 12.6



#90

Benzo(a)pyrene

Concen: 5.47 ng

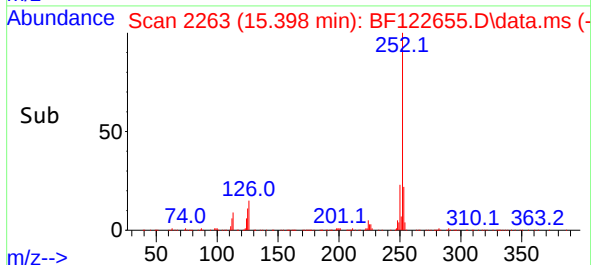
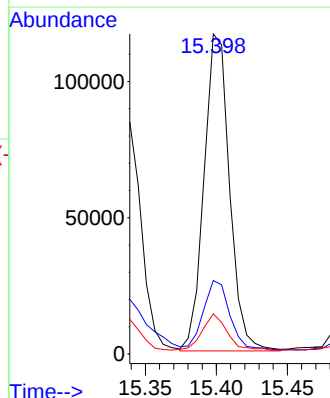
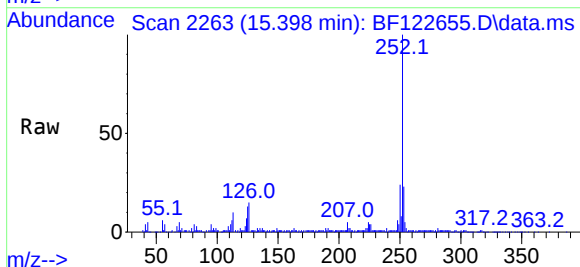
RT: 15.398 min Scan# 2263

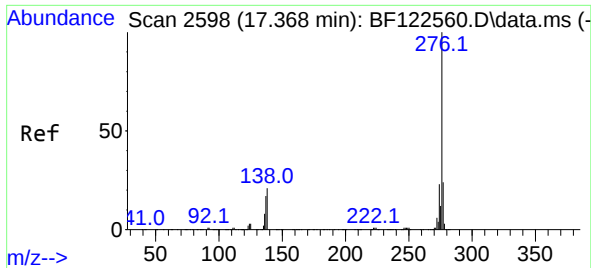
Delta R.T. -0.012 min

Lab File: BF122655.D

Acq: 10 Dec 2020 19:49

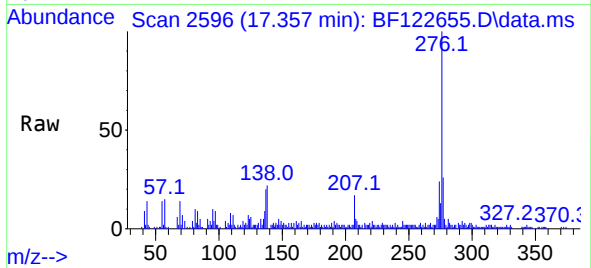
Tgt Ion:252	Resp:	145601
Ion Ratio	Lower	Upper
252	100	
253	22.9	17.5 26.3
125	12.5	8.6 12.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.30 ng
 RT: 17.357 min Scan# 2596
 Delta R.T. -0.012 min
 Lab File: BF122655.D
 Acq: 10 Dec 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 S-1



Tgt Ion:	276	Resp:	74259
Ion Ratio	Lower	Upper	
276	100		
277	26.1	19.3	28.9
138	21.5	16.6	24.8

