

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123950.D
 Acq On : 15 May 2021 17:51
 Operator : JU/CG
 Sample : M2392-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: May 16 05:20:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

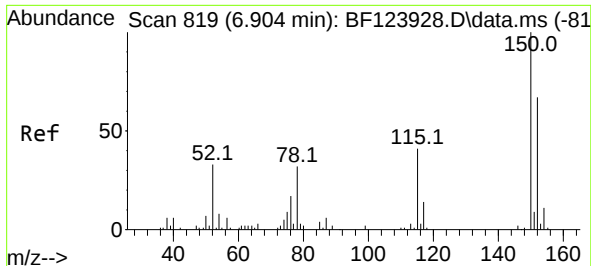
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	38653	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	147154	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	75862	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	111272	20.00	ng	0.00
76) Chrysene-d12	14.068	240	90658	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	59275	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	212556	77.21	ng	0.00
7) Phenol-d6	6.522	99	277878	77.81	ng	0.00
23) Nitrobenzene-d5	7.463	82	204918	60.00	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	48056	52.74	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	317875	51.56	ng	0.00
79) Terphenyl-d14	13.016	244	267303	44.66	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	15726	4.36	ng	85
19) n-Nitroso-di-n-propyla...	7.463	70	28953	12.00	ng	# 80
25) Isophorone	7.463	82	204914	31.19	ng	# 69
31) Naphthalene	8.204	128	22410	2.57	ng	97
50) Dimethylphthalate	9.651	163	44435	7.34	ng	99
65) 4,6-Dinitro-2-methylph...	10.769	198	192	5.68	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	2978	2.04	ng	# 1
71) Phenanthrene	11.451	178	109494	15.53	ng	97
72) Anthracene	11.504	178	24440	3.42	ng	100
75) Fluoranthene	12.645	202	154328	21.13	ng	98
78) Pyrene	12.874	202	140236	17.42	ng	98
81) Benzo(a)anthracene	14.063	228	73089	11.15	ng	98
83) Chrysene	14.098	228	64095	10.16	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	27846	6.08	ng	98
88) Benzo(b)fluoranthene	15.127	252	91288	19.91	ng	# 93
89) Benzo(k)fluoranthene	15.127	252	91288	21.85	ng	# 93
90) Benzo(a)pyrene	15.498	252	46165	11.65	ng	# 95
92) Benzo(g,h,i)perylene	17.521	276	24138	6.24	ng	98

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

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QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

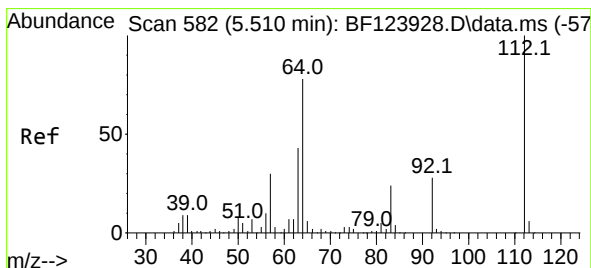
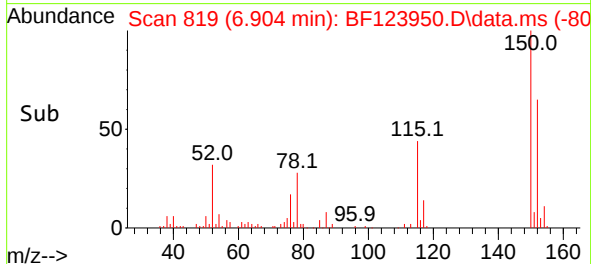
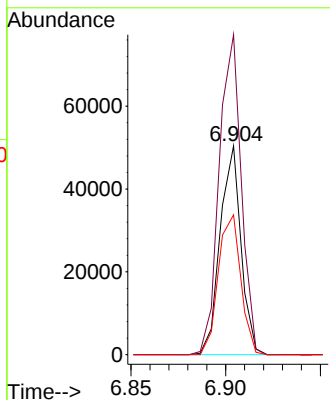
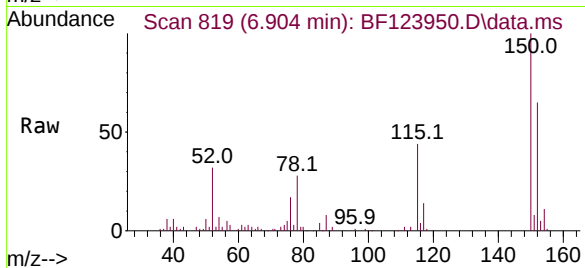




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

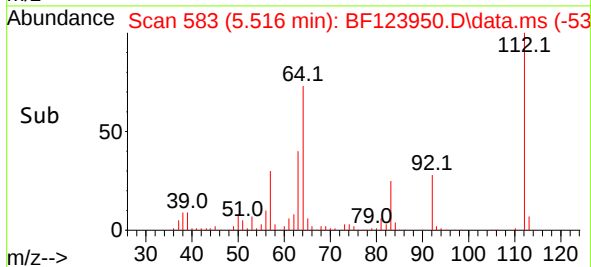
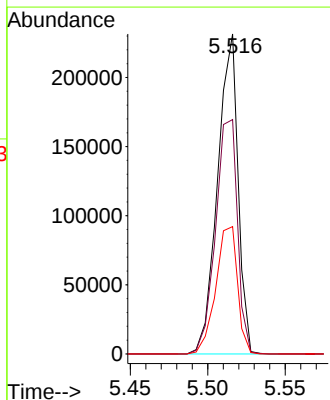
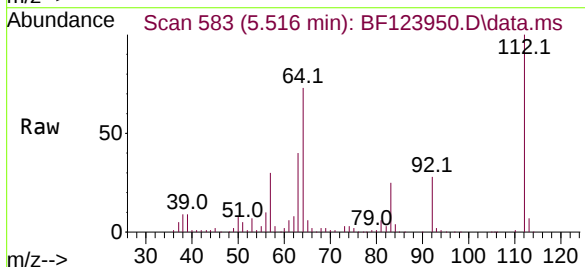
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

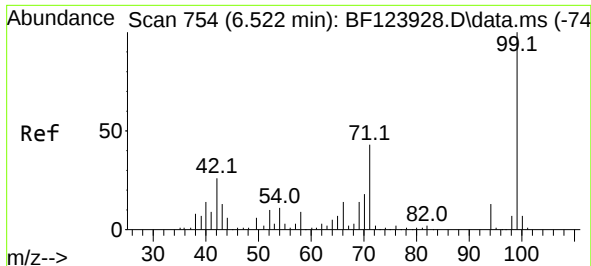
Tgt Ion:152 Resp: 38653
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 67.0 54.3 81.5



#5
2-Fluorophenol
Concen: 77.21 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:112 Resp: 212556
Ion Ratio Lower Upper
112 100
64 73.2 61.4 92.0
63 39.8 33.0 49.4

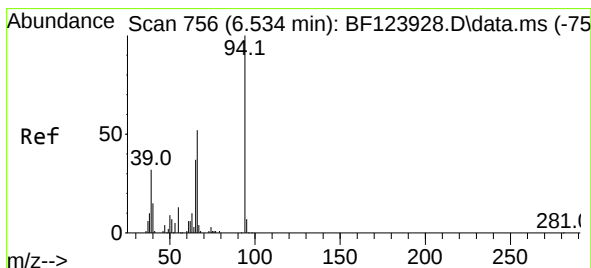
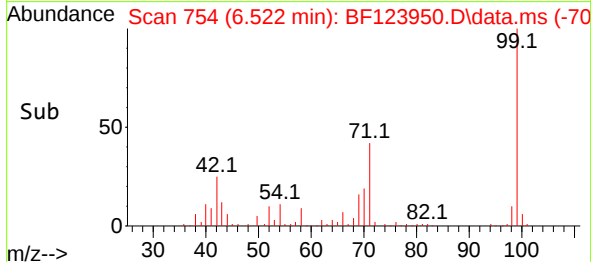
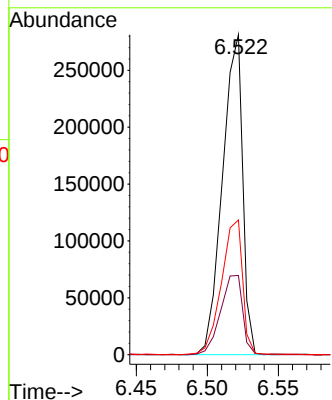
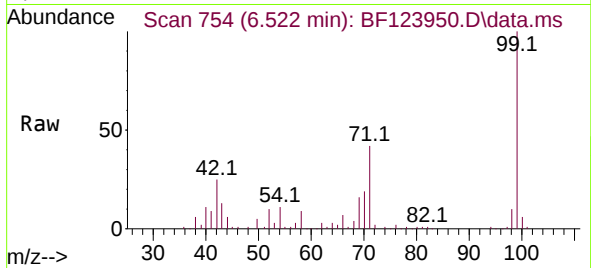




#7
Phenol-d6
Concen: 77.81 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

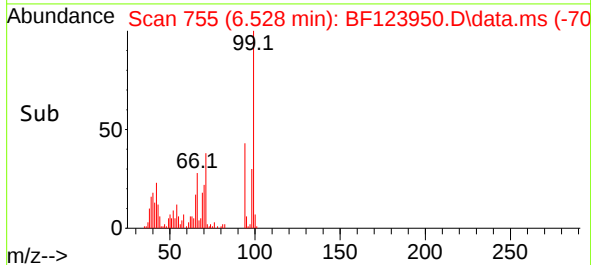
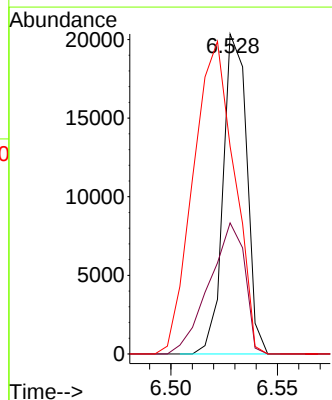
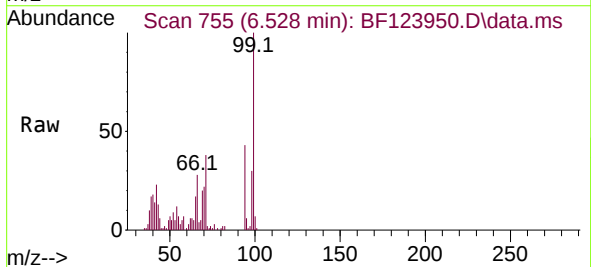
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

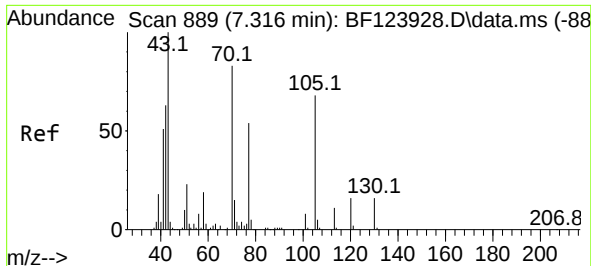
Tgt Ion: 99 Resp: 277878
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 42.1 31.1 46.7



#10
Phenol
Concen: 4.36 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

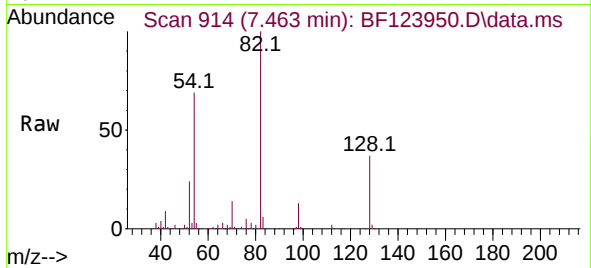
Tgt Ion: 94 Resp: 15726
Ion Ratio Lower Upper
94 100
65 40.9 18.1 58.1
66 64.9 29.0 69.0



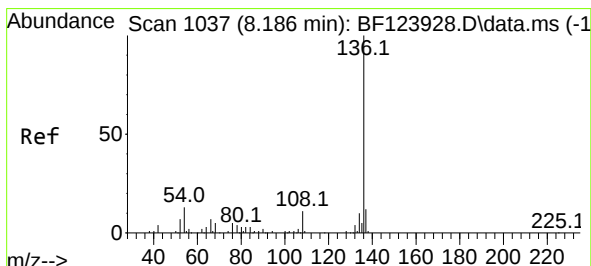
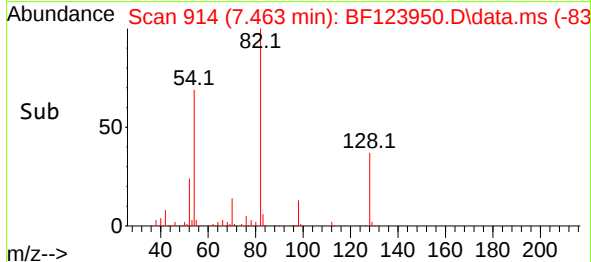
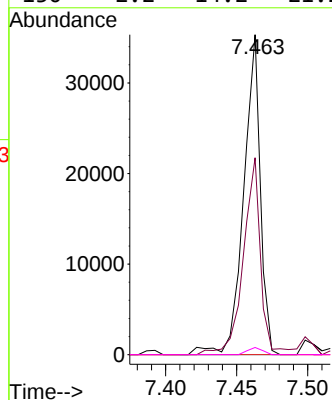


#19
n-Nitroso-di-n-propylamine
Concen: 12.00 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

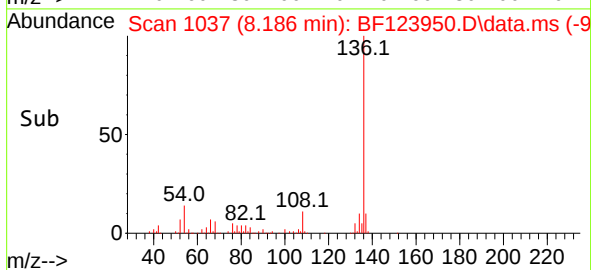
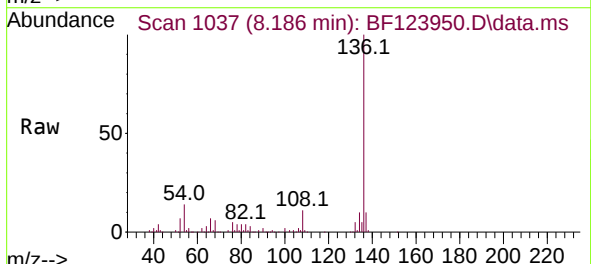
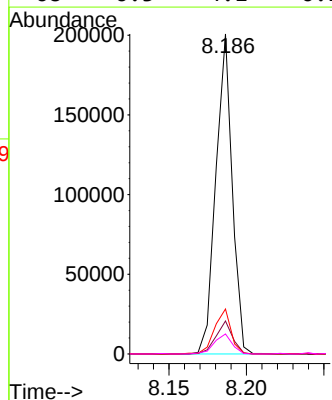


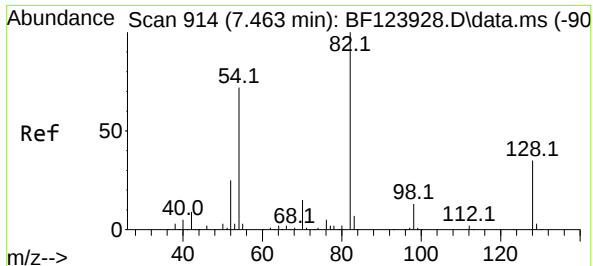
Tgt Ion:	70	Resp:	28953
Ion Ratio	100	Lower	Upper
70	100		
42	61.5	60.1	90.1
101	0.0	7.4	11.2#
130	2.2	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:	136	Resp:	147154
Ion Ratio	100	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	14.1	9.8	14.6
68	6.3	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 60.00 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF123950.D

Acq: 15 May 2021 17:51

Tgt Ion: 82 Resp: 204918

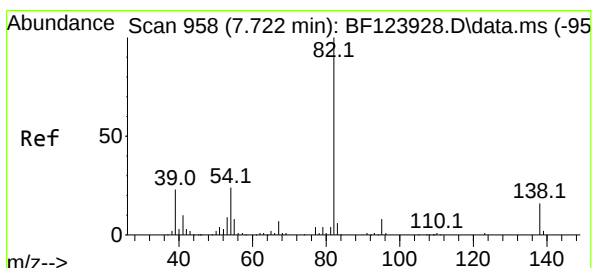
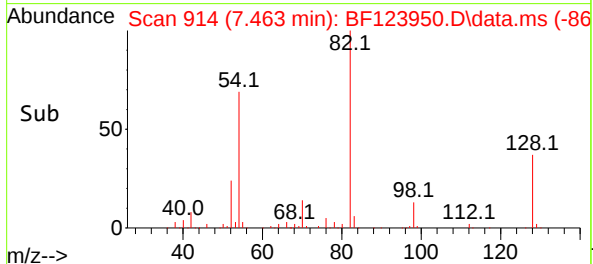
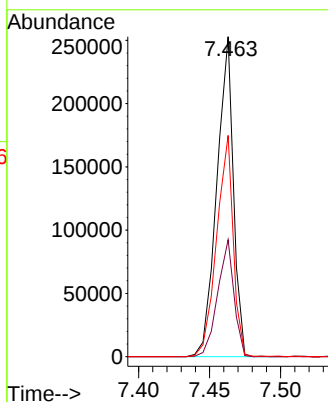
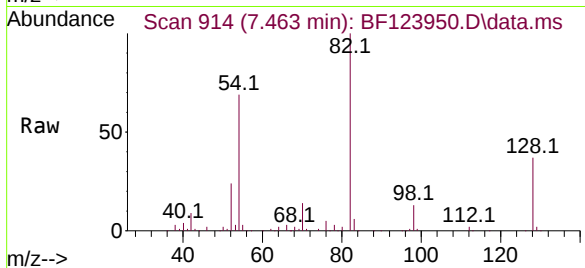
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.4	44.2
54	69.1	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP



#25

Isophorone

Concen: 31.19 ng

RT: 7.463 min Scan# 914

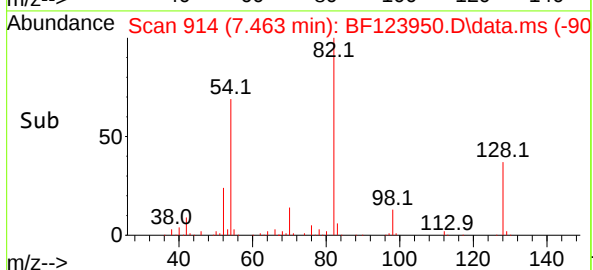
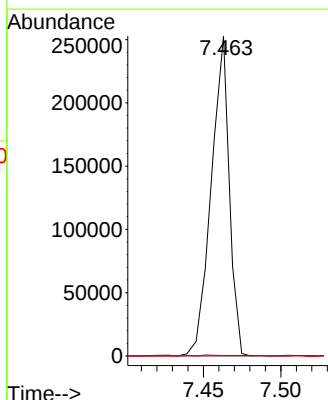
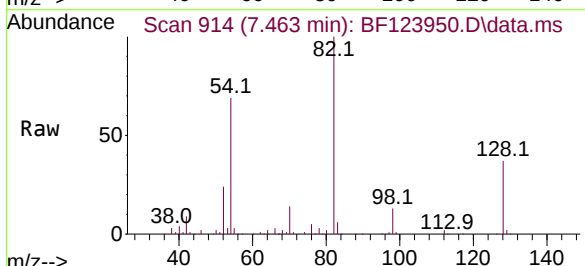
Delta R.T. -0.259 min

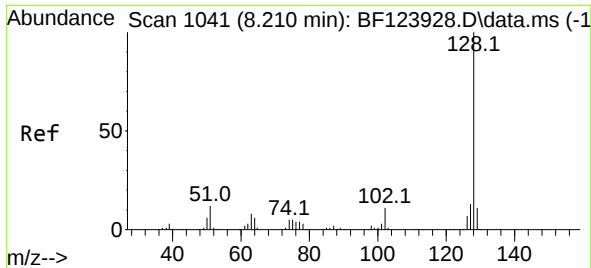
Lab File: BF123950.D

Acq: 15 May 2021 17:51

Tgt Ion: 82 Resp: 204914

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.6#
138	0.0	11.8	17.8#

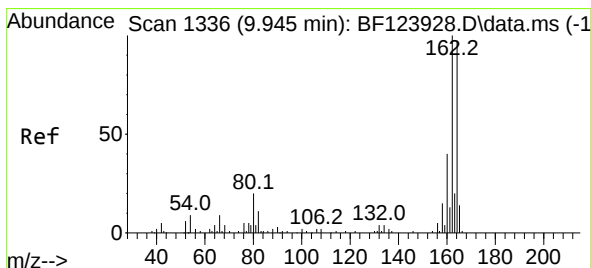
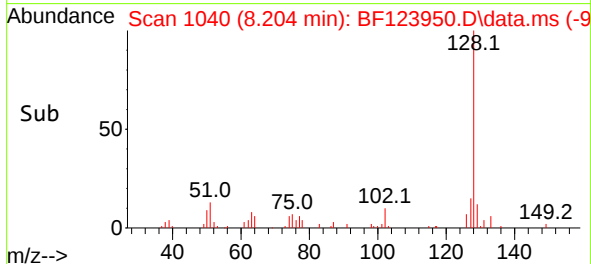
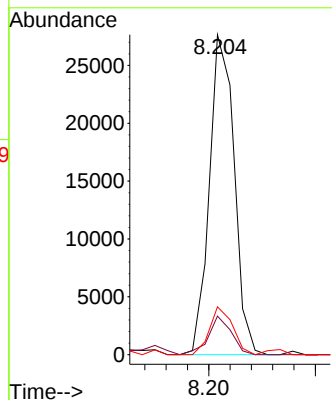
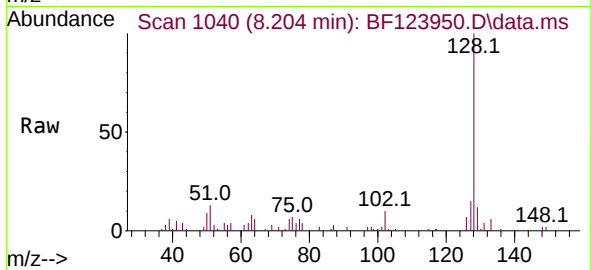




#31
Naphthalene
Concen: 2.57 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

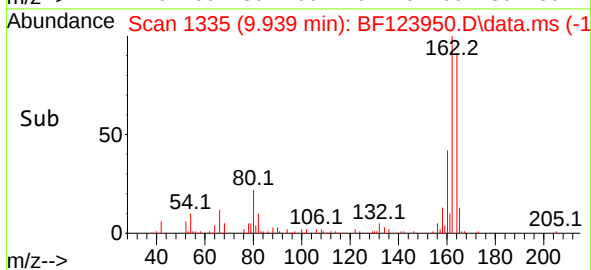
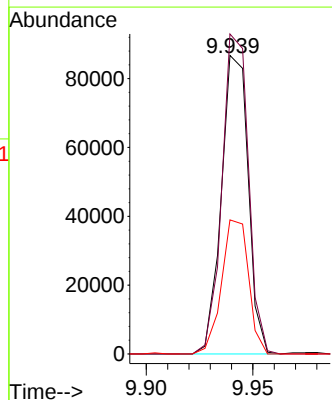
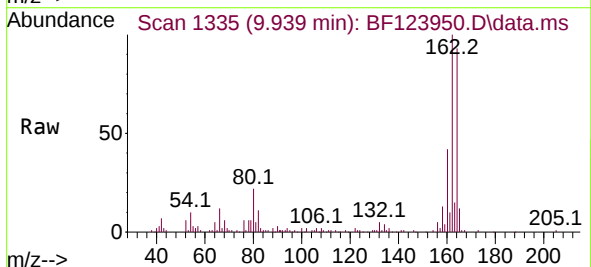
Instrument :
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ClientSampleId :
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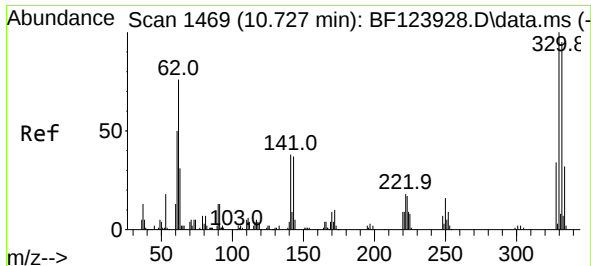
Tgt Ion:128 Resp: 22410
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 14.9 10.8 16.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:164 Resp: 75862
Ion Ratio Lower Upper
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162 107.2 80.7 121.1
160 44.9 37.3 55.9

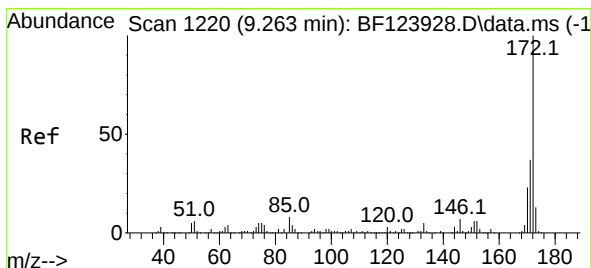
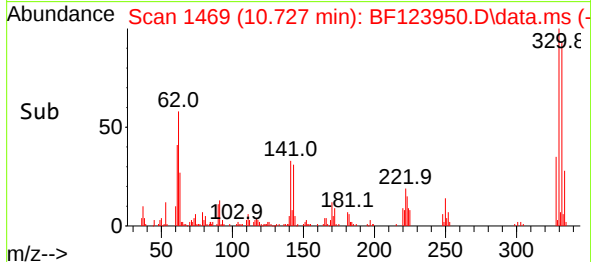
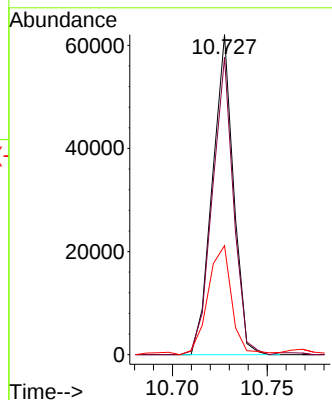
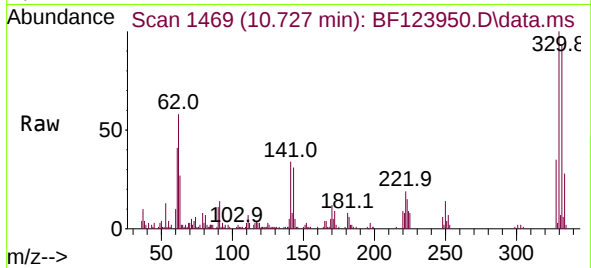




#42
2,4,6-Tribromophenol
Concen: 52.74 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

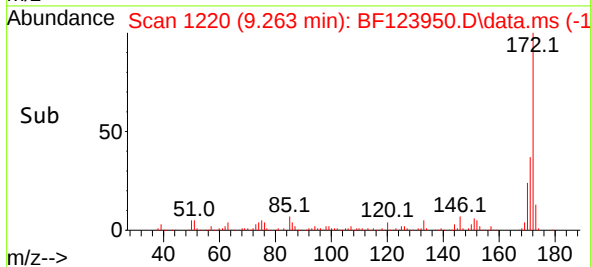
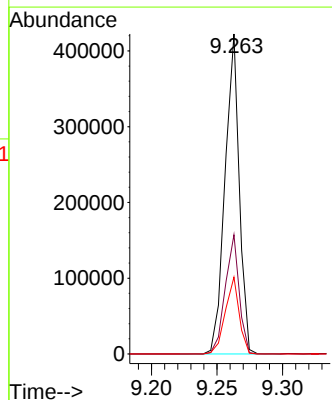
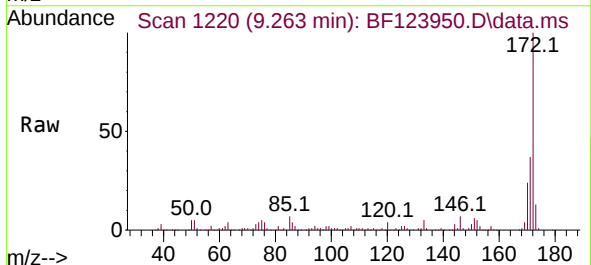
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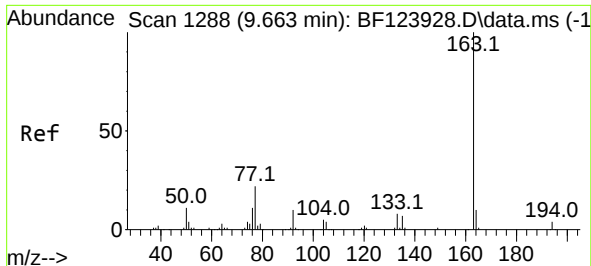
Tgt Ion: 330 Resp: 48056
Ion Ratio Lower Upper
330 100
332 93.8 77.1 115.7
141 39.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 51.56 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion: 172 Resp: 317875
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 24.0 19.2 28.8

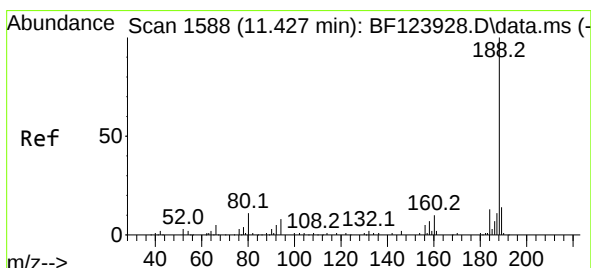
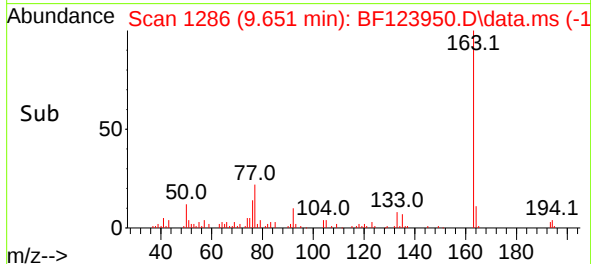
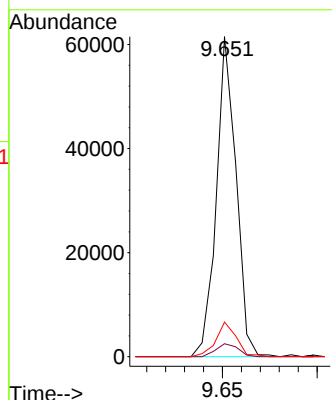
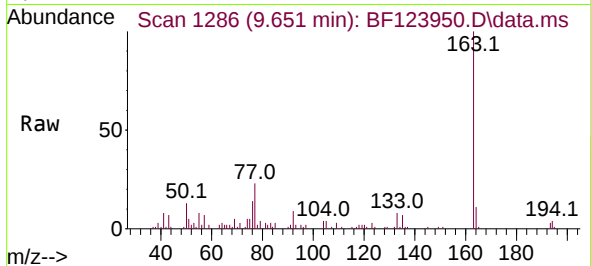




#50
Dimethylphthalate
Concen: 7.34 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

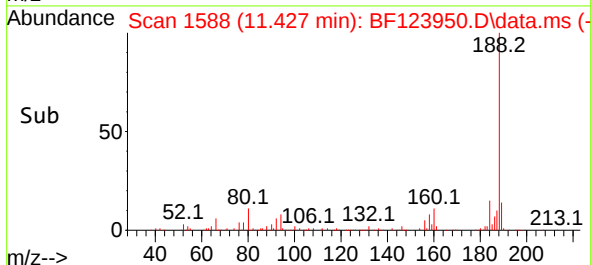
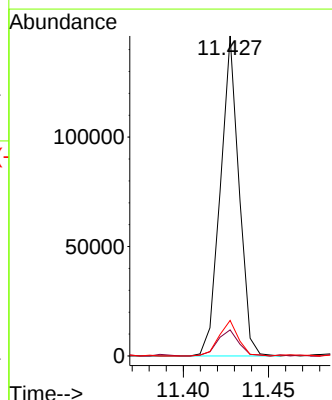
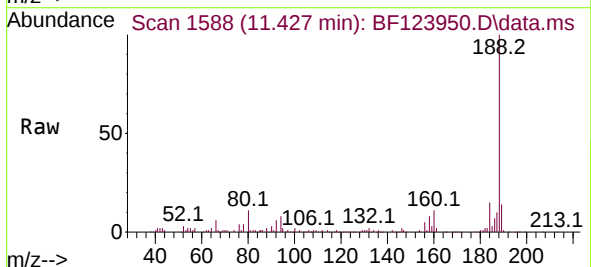
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ClientSampleId :
SB-02-COMP

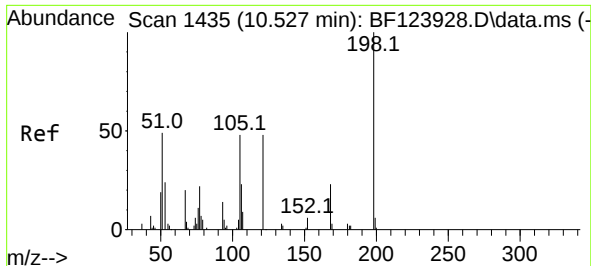
Tgt Ion:163 Resp: 44435
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.8 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:188 Resp: 111272
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 11.1 8.2 12.2

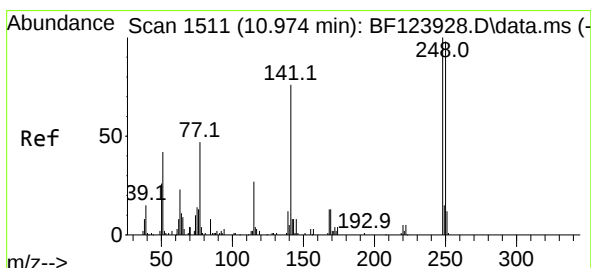
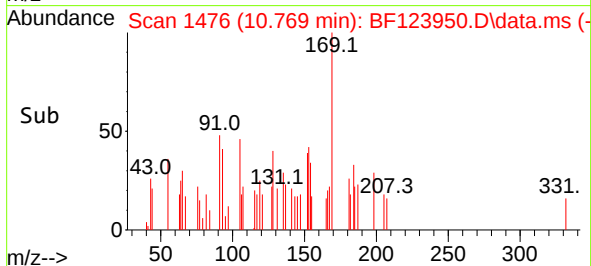
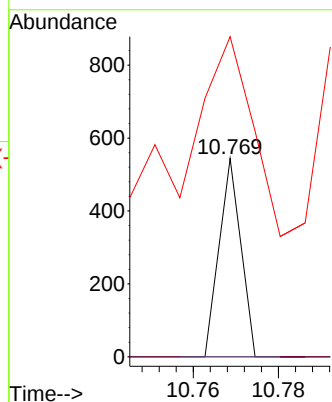
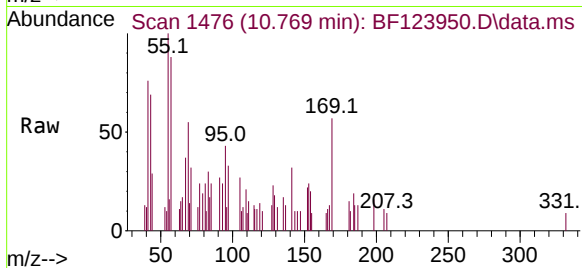




#65
4,6-Dinitro-2-methylphenol
Concen: 5.68 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.242 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

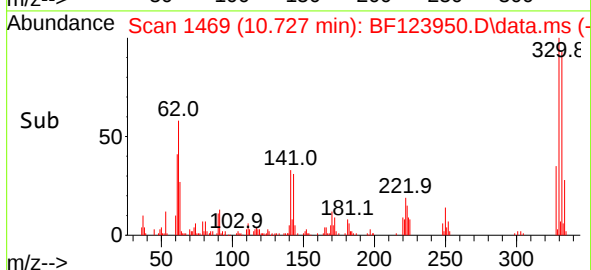
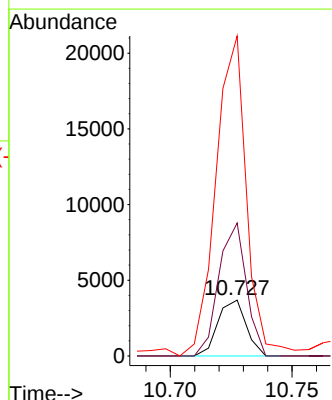
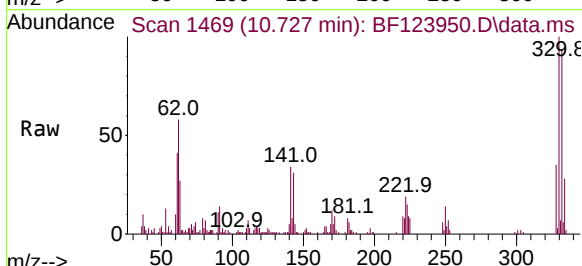
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

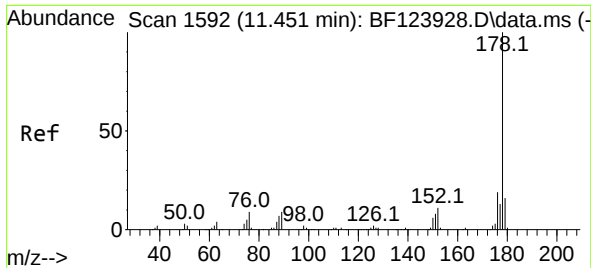
Tgt Ion:198 Resp: 192
Ion Ratio Lower Upper
198 100
51 0.0 64.8 104.8#
105 161.4 42.6 82.6#



#67
4-Bromophenyl-phenylether
Concen: 2.04 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:248 Resp: 2978
Ion Ratio Lower Upper
248 100
250 238.4 77.4 116.2#
141 573.7 63.7 95.5#

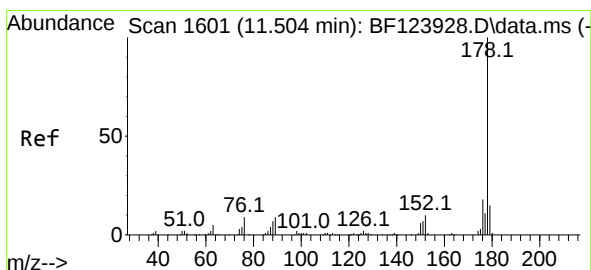
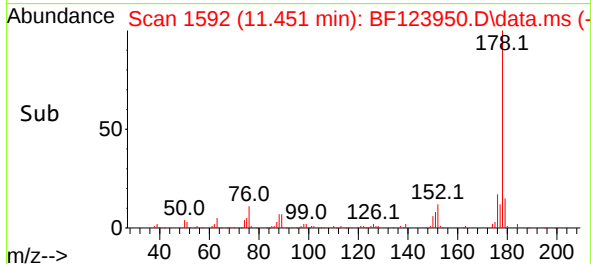
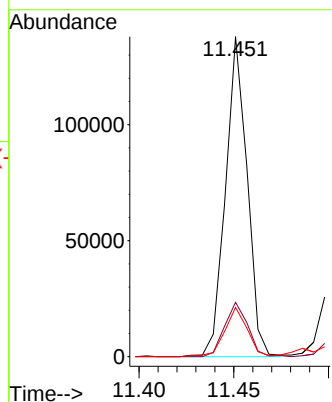
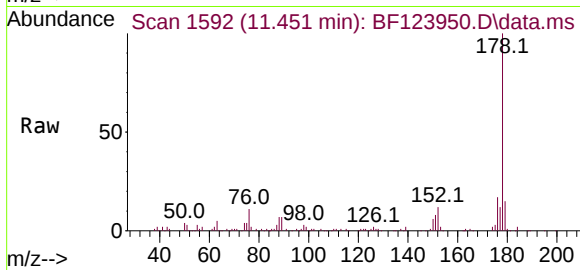




#71
Phenanthrene
Concen: 15.53 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

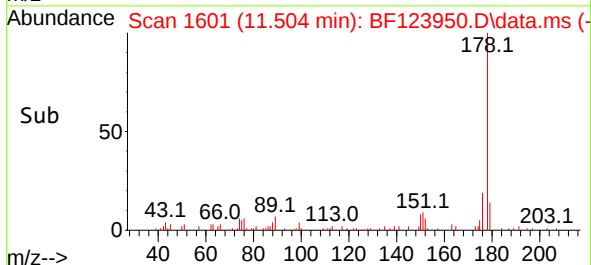
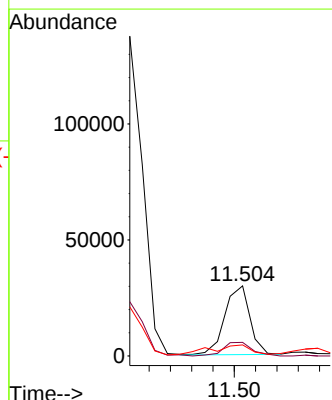
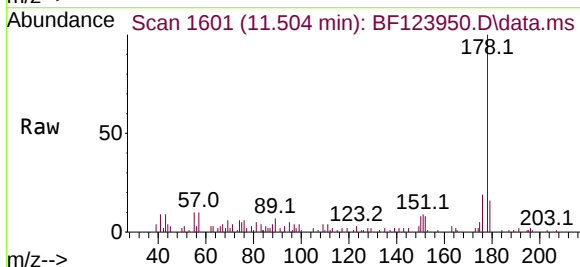
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

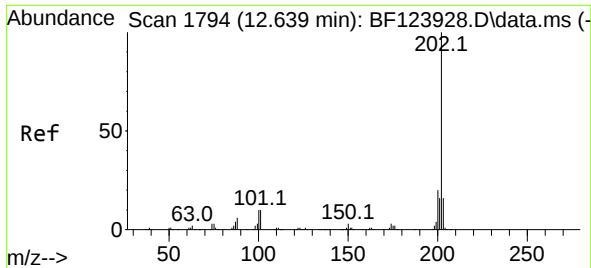
Tgt Ion:178 Resp: 109494
Ion Ratio Lower Upper
178 100
176 17.0 15.6 23.4
179 15.4 12.5 18.7



#72
Anthracene
Concen: 3.42 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:178 Resp: 24440
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.8 12.6 18.8

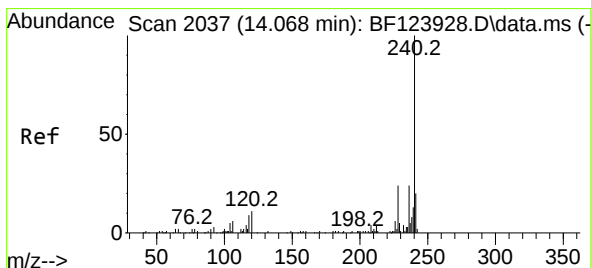
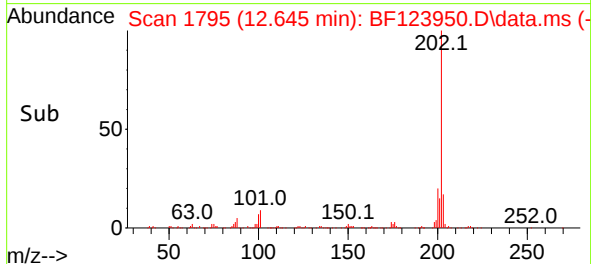
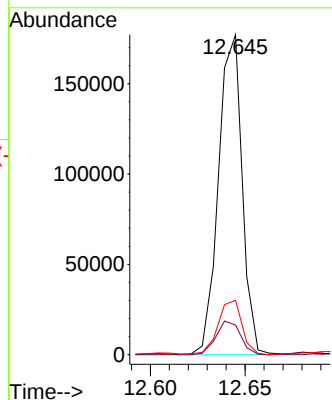
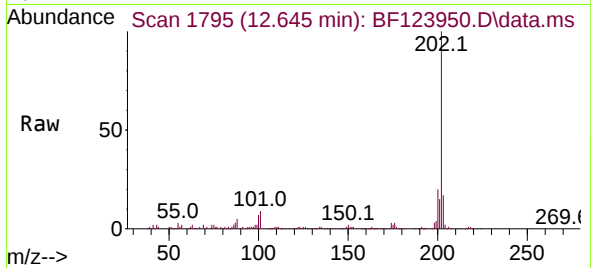




#75
Fluoranthene
Concen: 21.13 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

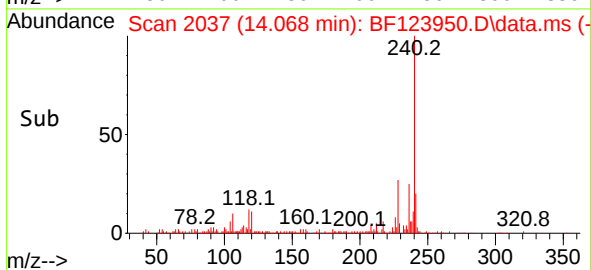
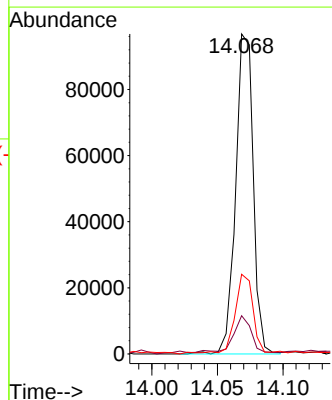
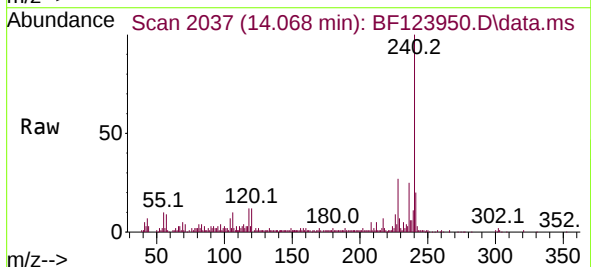
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

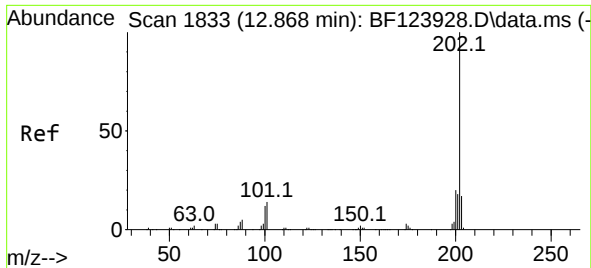
Tgt Ion:202 Resp: 154328
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.9
203 17.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:240 Resp: 90658
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 24.9 19.0 28.4

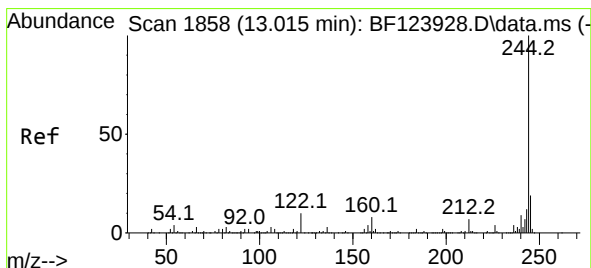
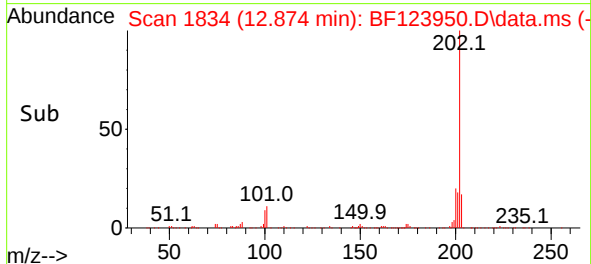
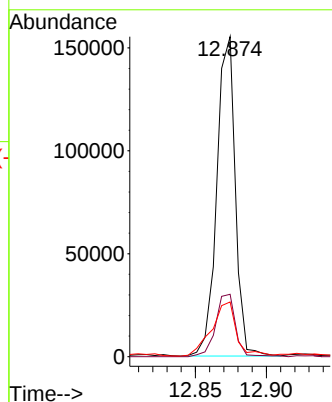
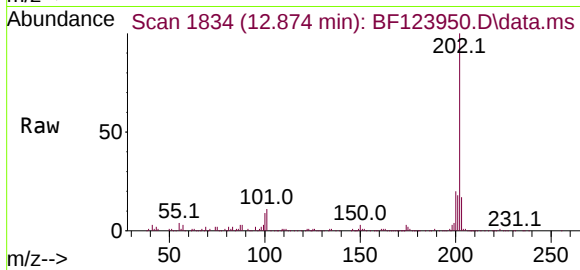




#78
Pyrene
Concen: 17.42 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

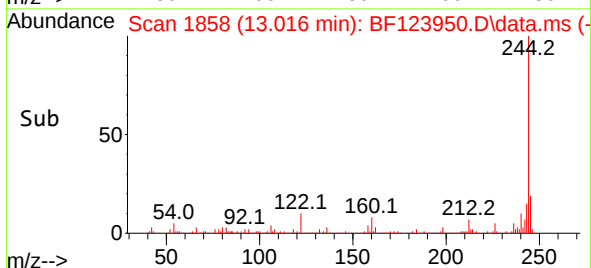
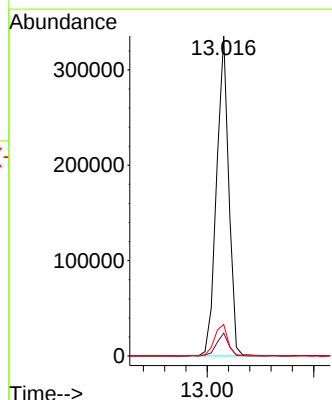
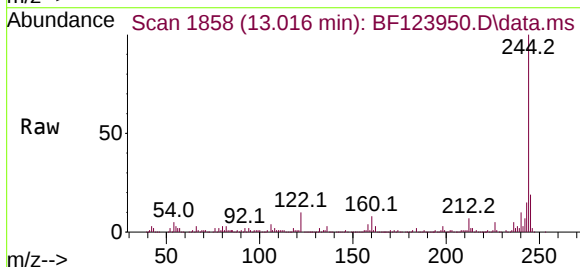
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

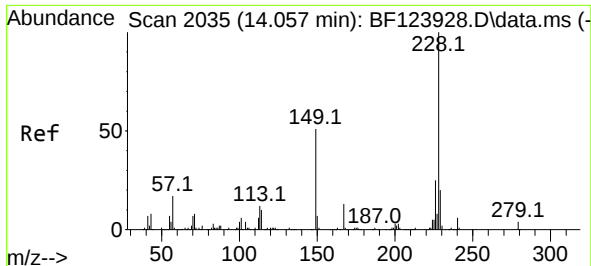
Tgt Ion:202	Resp:	140236
Ion Ratio	Lower	Upper
202	100	
200	19.5	16.1 24.1
203	17.1	14.8 22.2



#79
Terphenyl-d14
Concen: 44.66 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:244	Resp:	267303
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.7 8.5
122	9.9	9.7 14.5

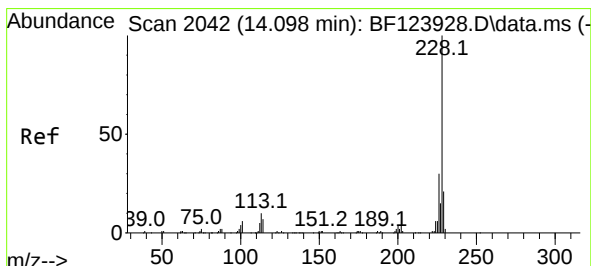
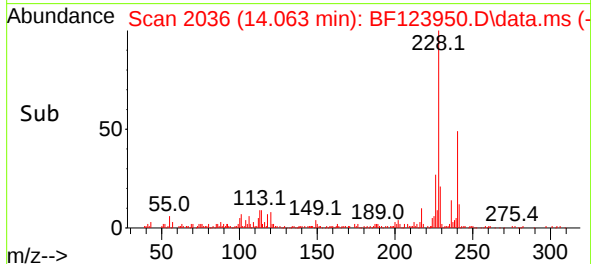
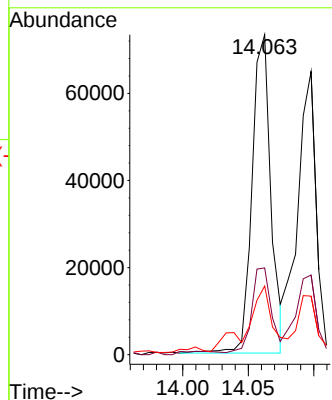
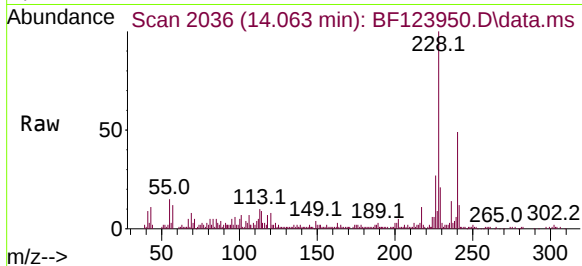




#81
Benzo(a)anthracene
Concen: 11.15 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

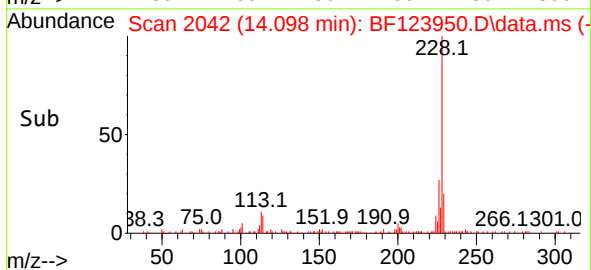
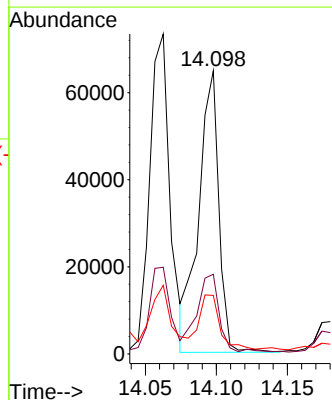
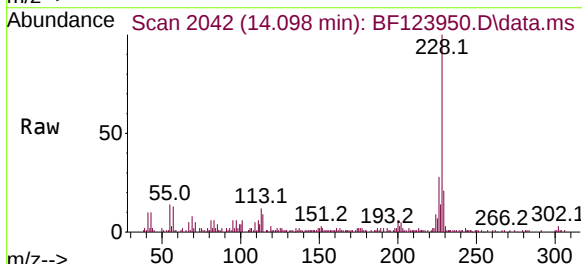
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

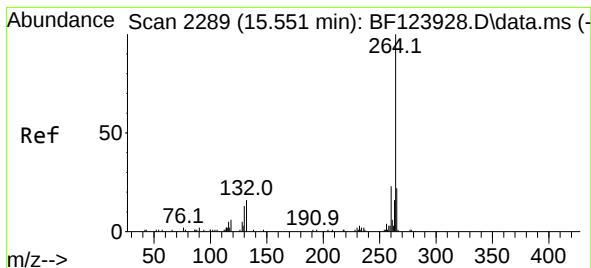
Tgt Ion:	228	Resp:	73089
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.4	33.6
229	21.5	16.0	24.0



#83
Chrysene
Concen: 10.16 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:	228	Resp:	64095
Ion Ratio	Lower	Upper	
228	100		
226	28.1	24.3	36.5
229	20.7	16.2	24.2

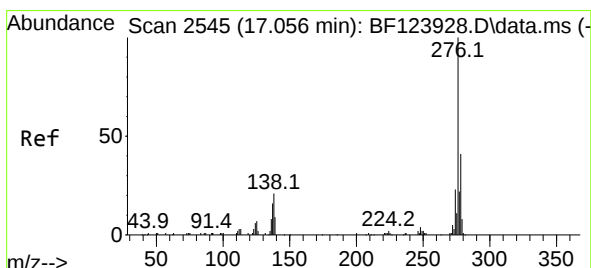
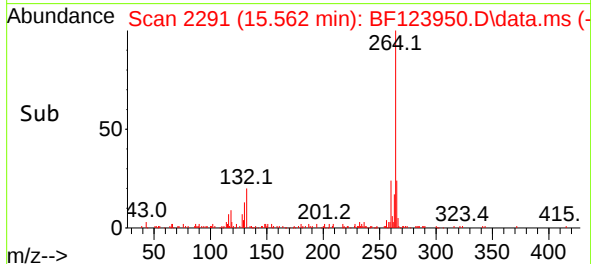
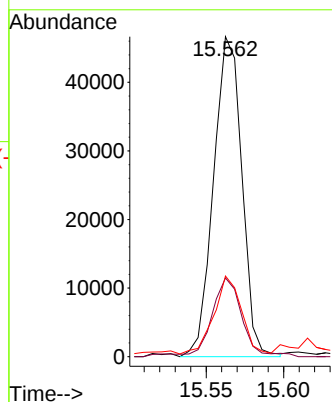
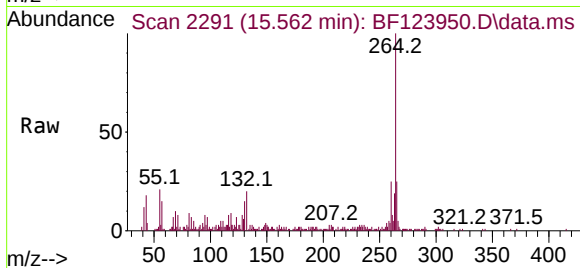




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

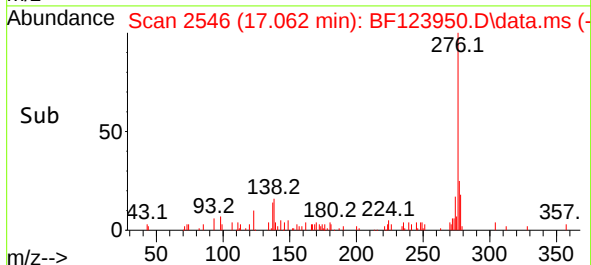
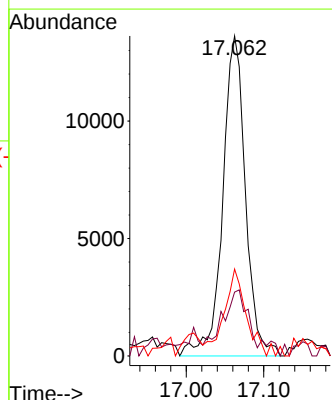
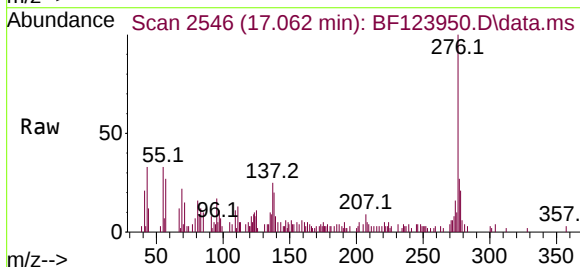
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

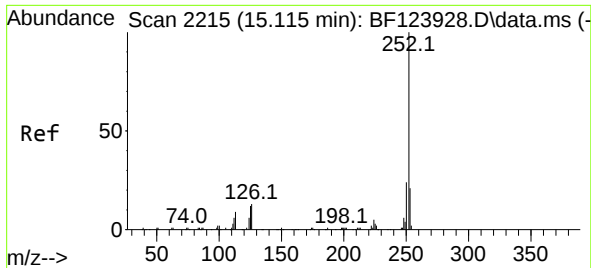
Tgt Ion:	264	Resp:	59275
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.7	28.1
265	25.2	17.8	26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.08 ng
RT: 17.062 min Scan# 2546
Delta R.T. 0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:	276	Resp:	27846
Ion Ratio	Lower	Upper	
276	100		
138	18.8	16.2	24.2
277	24.6	20.1	30.1

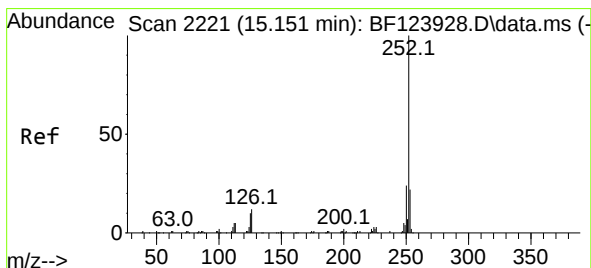
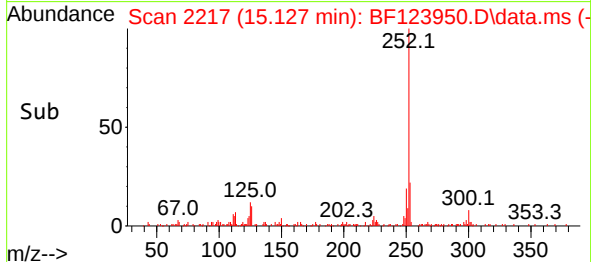
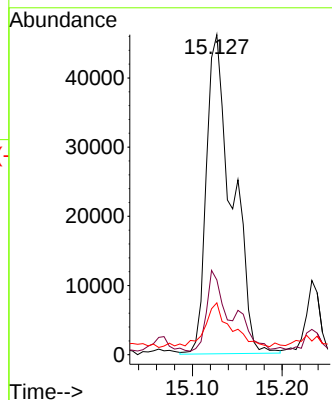
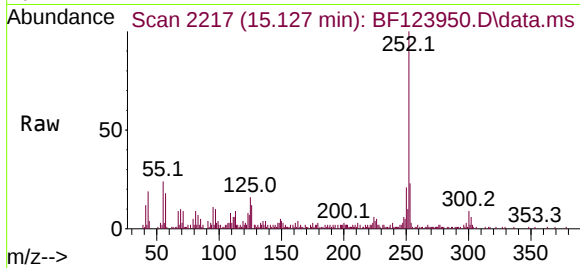




#88
Benzo(b)fluoranthene
Concen: 19.91 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

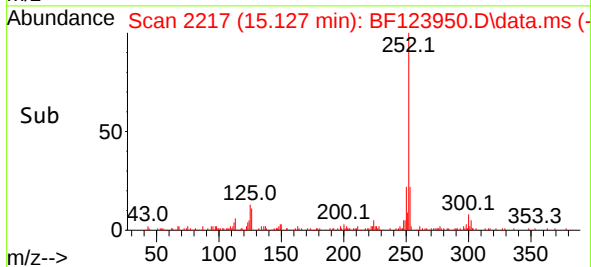
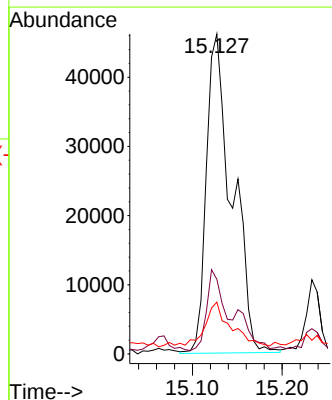
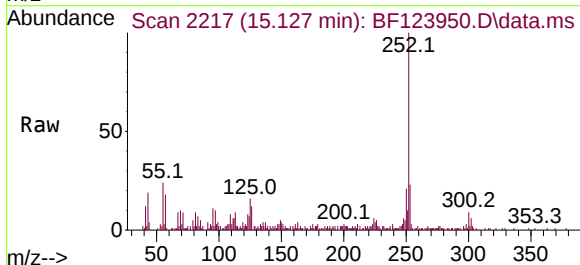
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

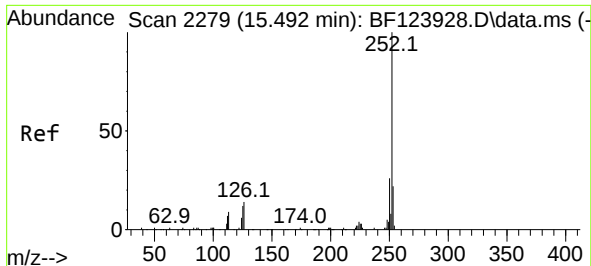
Tgt Ion:252 Resp: 91288
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 16.2 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 21.85 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.023 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:252 Resp: 91288
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 16.2 7.0 10.6#

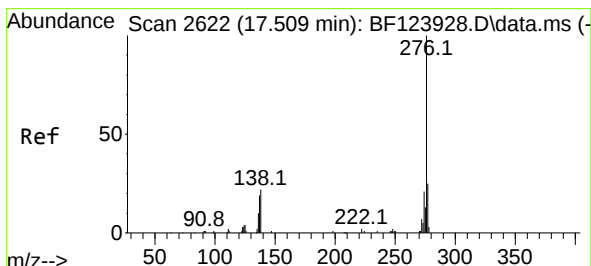
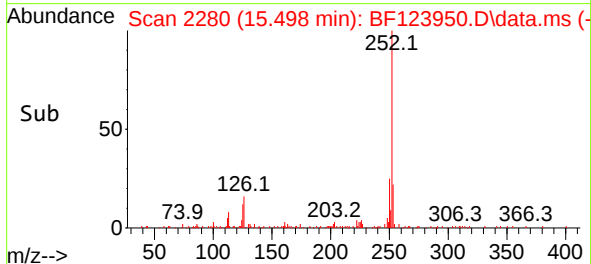
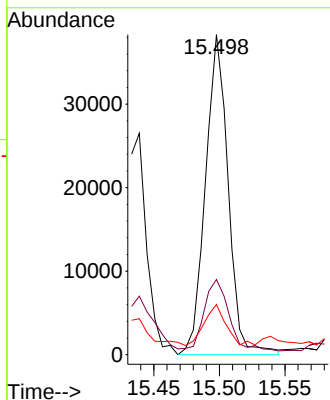
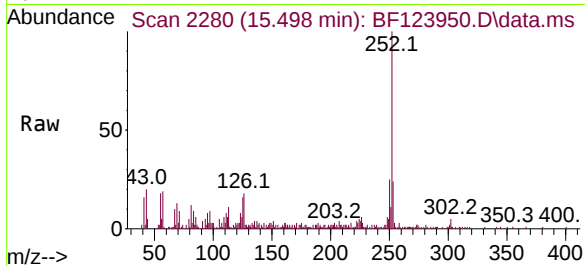




#90
Benzo(a)pyrene
Concen: 11.65 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:252 Resp: 46165
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 15.7 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 6.24 ng
RT: 17.521 min Scan# 2624
Delta R.T. 0.012 min
Lab File: BF123950.D
Acq: 15 May 2021 17:51

Tgt Ion:276 Resp: 24138
Ion Ratio Lower Upper
276 100
277 22.3 18.2 27.2
138 19.1 13.8 20.6

