

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126579.D
 Acq On : 10 Jan 2022 21:01
 Operator : JU/CG
 Sample : N1076-07 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07

Quant Time: Jan 11 01:39:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

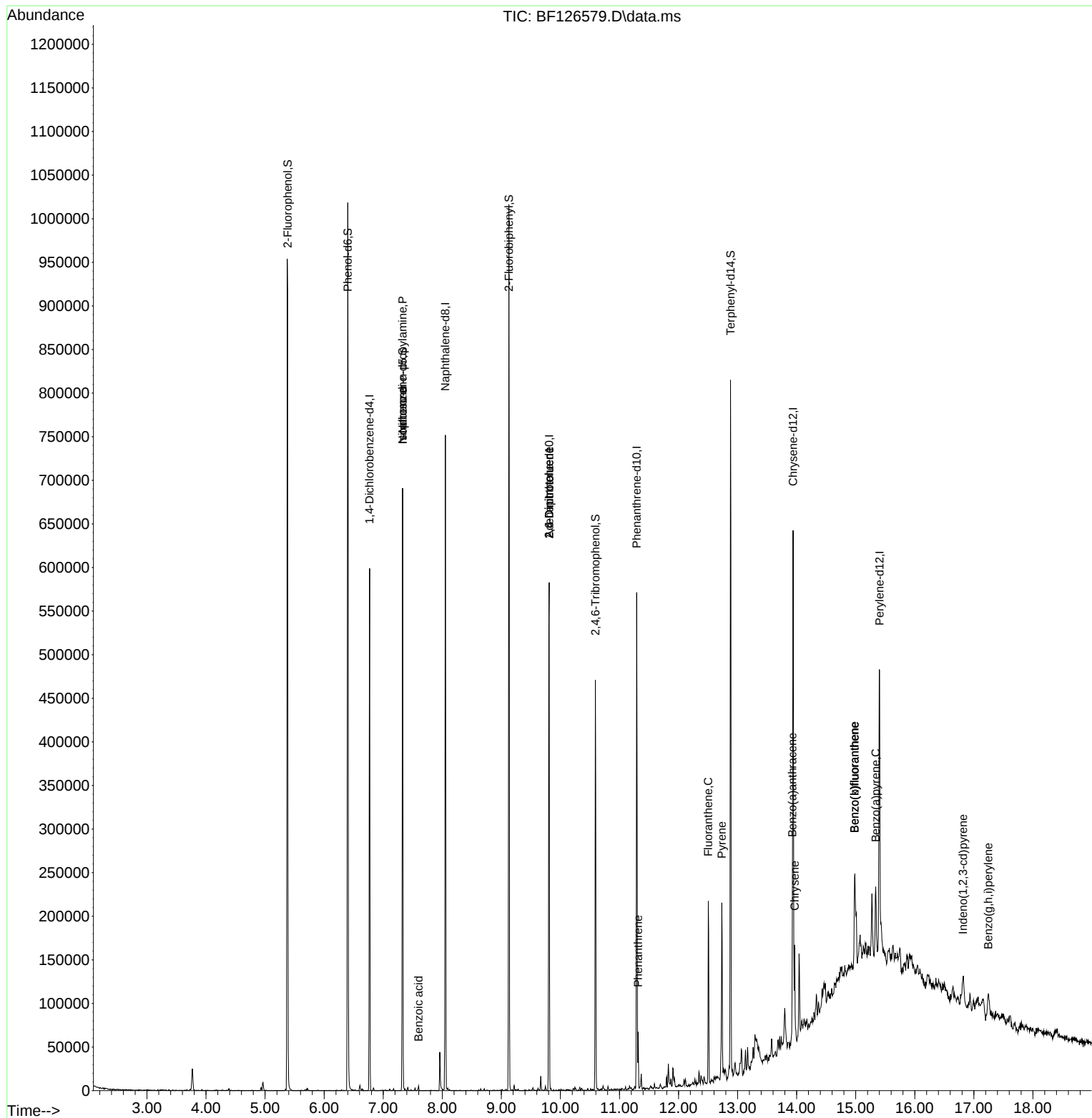
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	79008	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	301102	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	123541	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	185217	20.000	ng	0.00
76) Chrysene-d12	13.939	240	172607	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	144065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	288440	52.427	ng	0.00
7) Phenol-d6	6.398	99	339943	47.705	ng	-0.01
23) Nitrobenzene-d5	7.328	82	199727	34.059	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	51441	53.884	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	290953	41.444	ng	-0.01
79) Terphenyl-d14	12.880	244	255833	28.798	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	24978	6.143	ng	# 80
25) Isophorone	7.328	82	199724	19.026	ng	# 69
32) Benzoic acid	7.598	122	171	7.125	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	15232	9.145	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	15232	7.088	ng	# 14
71) Phenanthrene	11.316	178	20681	2.184	ng	97
75) Fluoranthene	12.504	202	77202	8.933	ng	100
77) Benzidine	12.880	184	3246	Below Cal		# 82
78) Pyrene	12.733	202	76740	5.261	ng	98
81) Benzo(a)anthracene	13.927	228	43752	4.408	ng	94
83) Chrysene	13.969	228	42646	4.188	ng	99
87) Indeno(1,2,3-cd)pyrene	16.815	276	20113	2.086	ng	96
88) Benzo(b)fluoranthene	14.980	252	72037	8.394	ng	98
89) Benzo(k)fluoranthene	14.980	252	72037	8.665	ng	97
90) Benzo(a)pyrene	15.339	252	37354	5.191	ng	93
92) Benzo(g,h,i)perylene	17.245	276	20105	2.427	ng	94

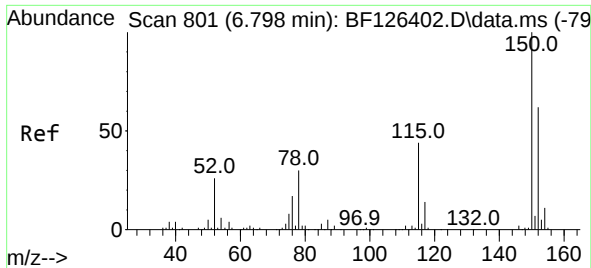
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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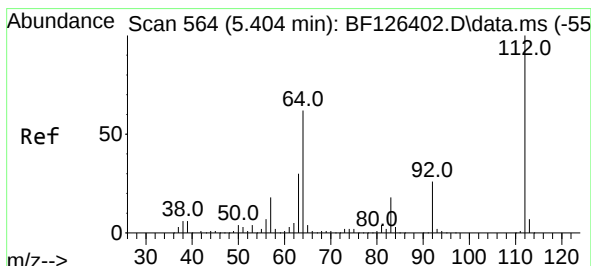
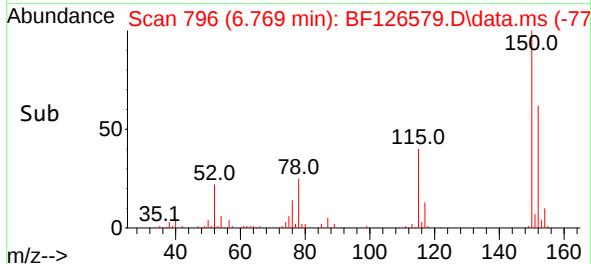
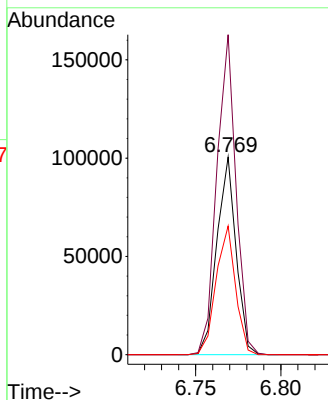
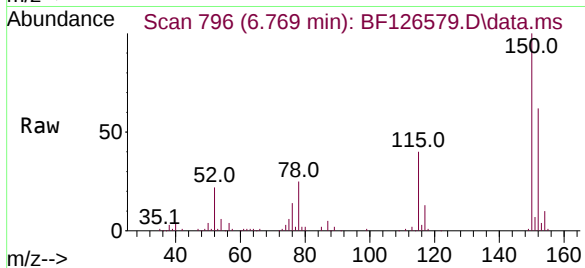




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF126579.D
 Acq: 10 Jan 2022 21:01

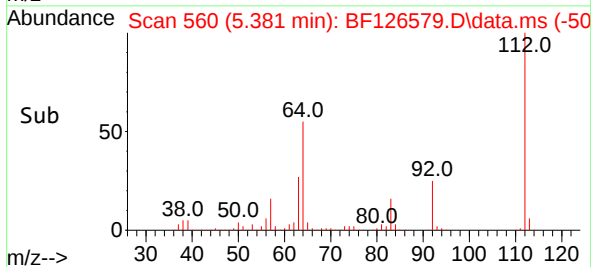
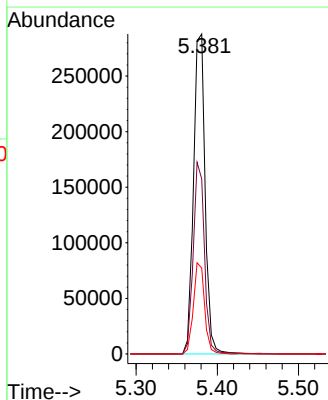
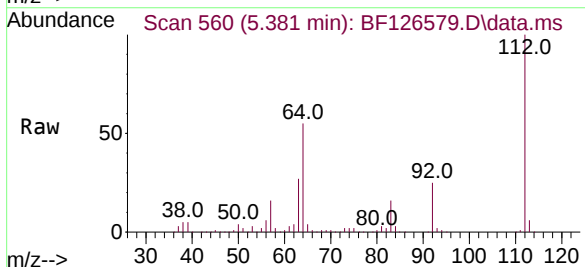
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 BNA_F
 ClientSampleId :
 SB-07

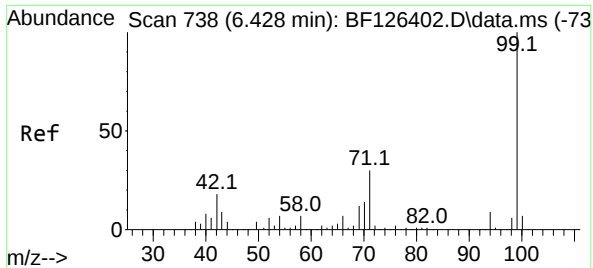
Tgt Ion:152 Resp: 79008
 Ion Ratio Lower Upper
 152 100
 150 162.0 128.1 192.1
 115 65.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 52.427 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: BF126579.D
 Acq: 10 Jan 2022 21:01

Tgt Ion:112 Resp: 288440
 Ion Ratio Lower Upper
 112 100
 64 54.7 49.5 74.3
 63 26.8 23.9 35.9

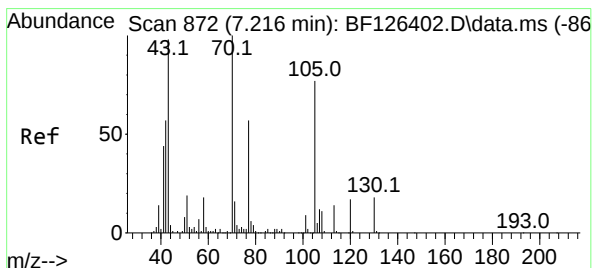
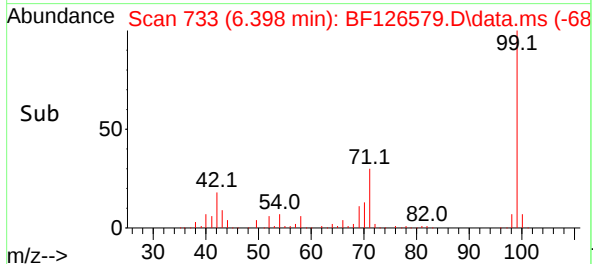
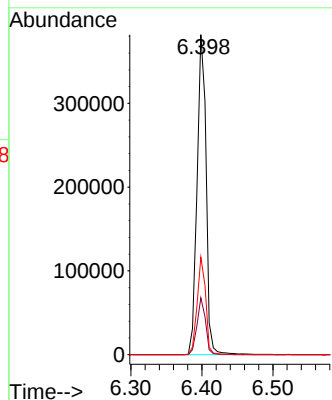
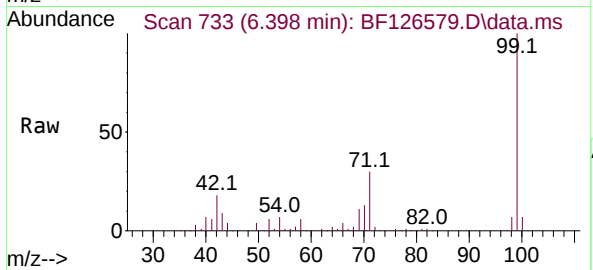




#7
Phenol-d6
Concen: 47.705 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

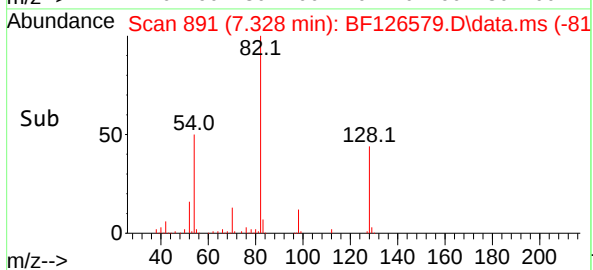
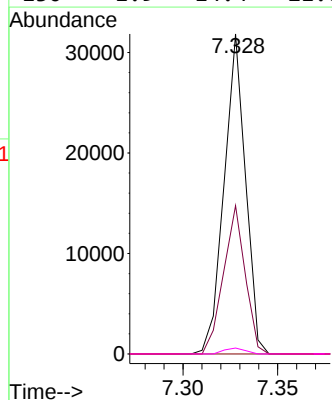
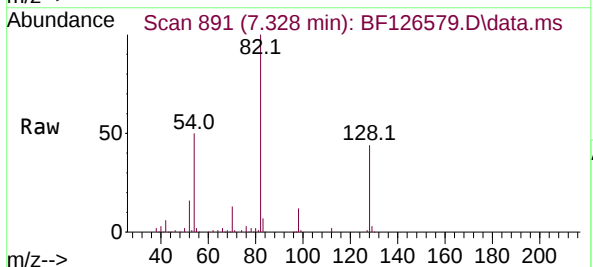
Instrument :
BNA_F
ClientSampleId :
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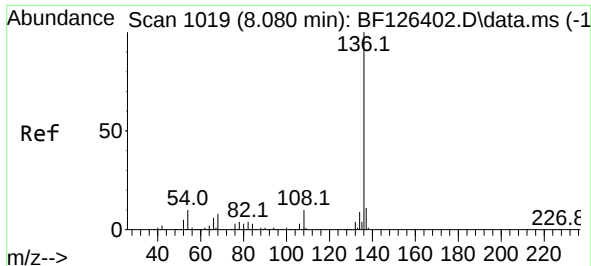
Tgt Ion: 99 Resp: 339943
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 30.5 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.143 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.135 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion: 70 Resp: 24978
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#



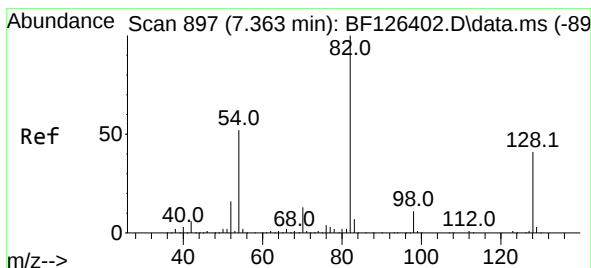
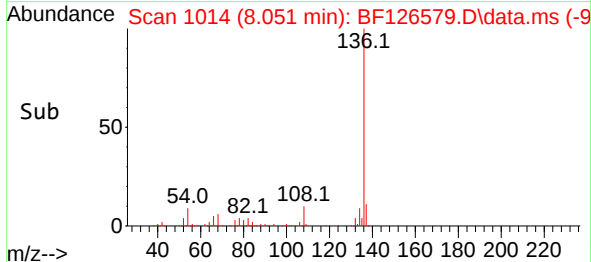
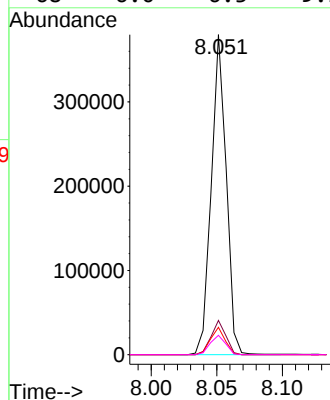
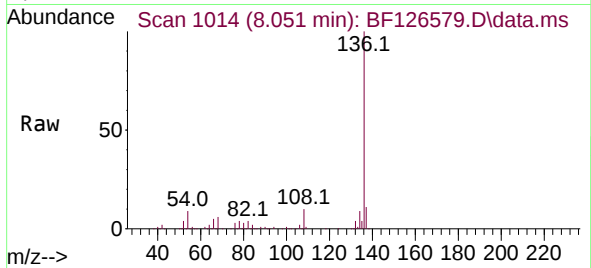


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion:136 Resp: 301102

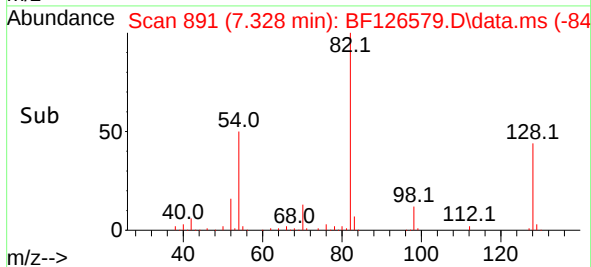
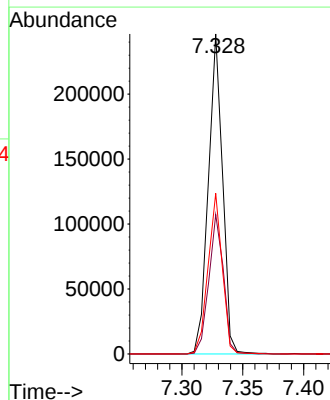
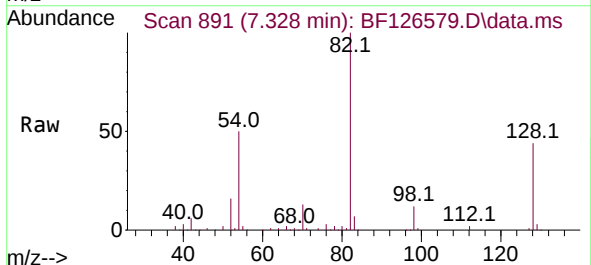
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	7.8	11.6
68	6.0	6.3	9.5

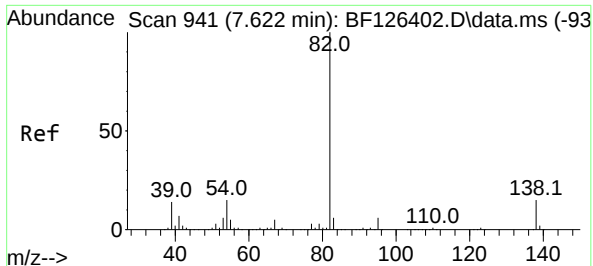


#23
Nitrobenzene-d5
Concen: 34.059 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion: 82 Resp: 199727

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.7	49.1
54	50.2	41.7	62.5

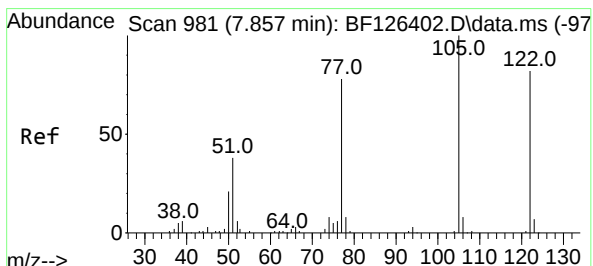
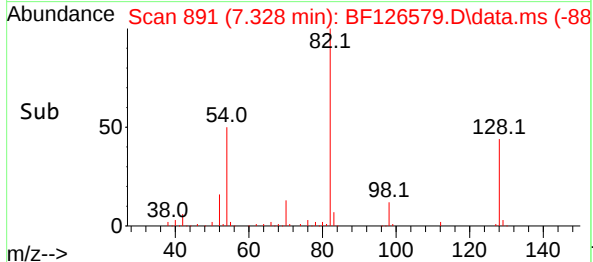
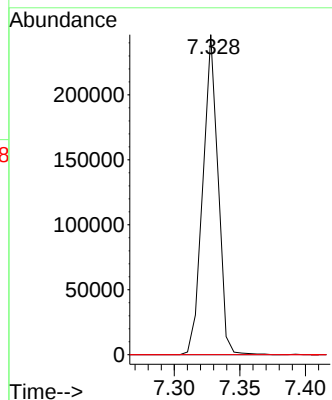
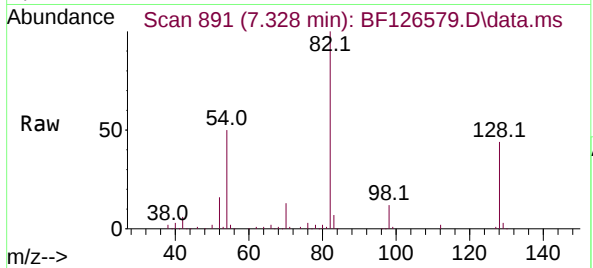




#25
Isophorone
Concen: 19.026 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.270 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

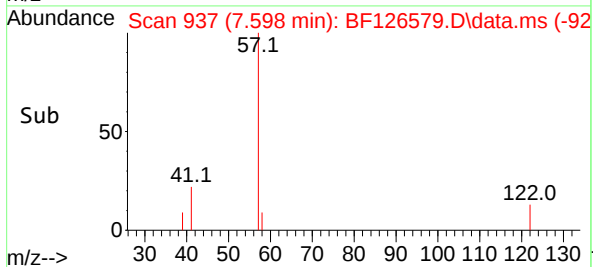
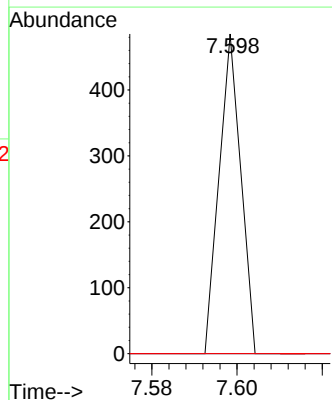
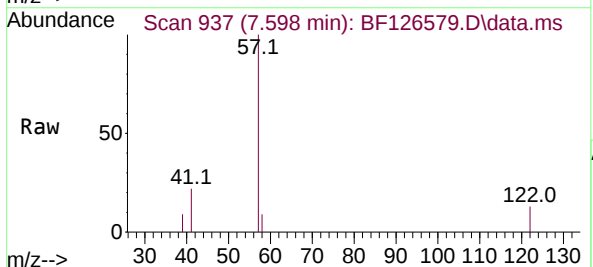
Instrument :
BNA_F
ClientSampleId :
SB-07

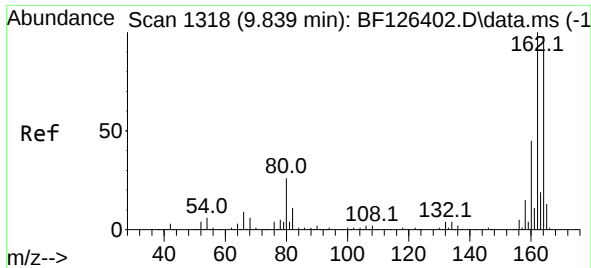
Tgt Ion: 82 Resp: 199724
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.125 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.253 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion: 122 Resp: 171
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 0.0 74.5 114.5#

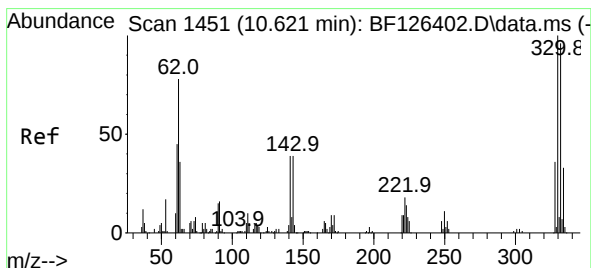
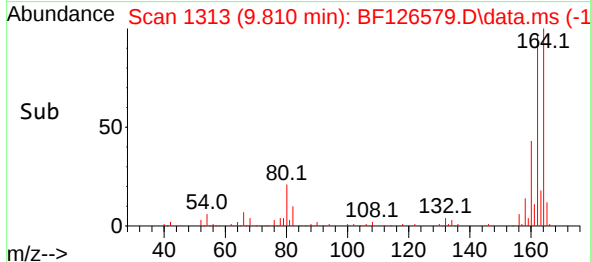
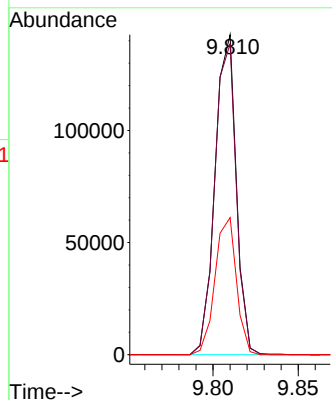
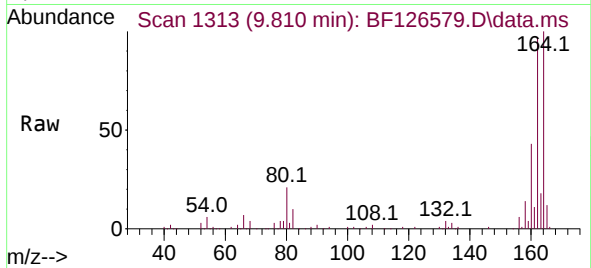




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

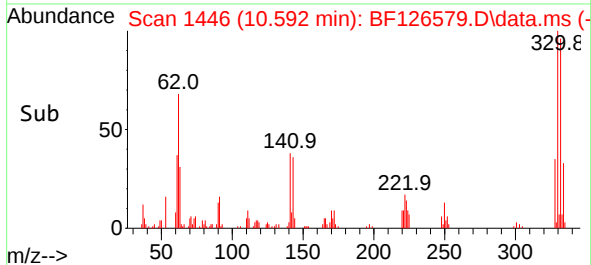
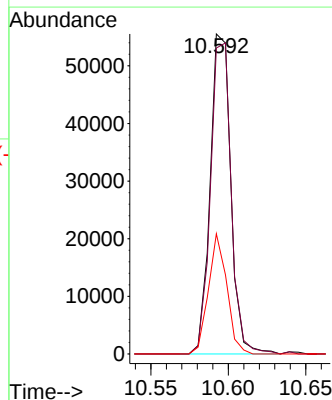
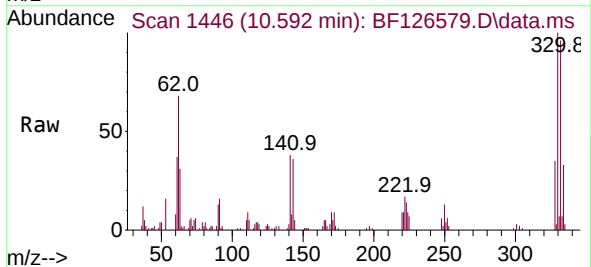
Instrument :
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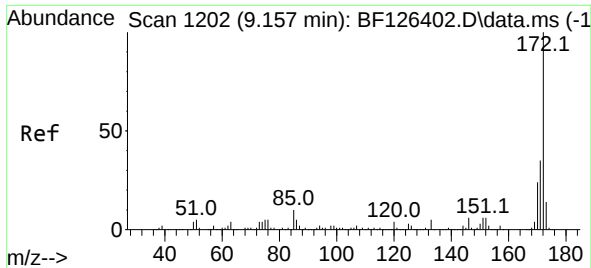
Tgt Ion:164 Resp: 123541
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 42.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 53.884 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:330 Resp: 51441
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 33.5 30.1 45.1

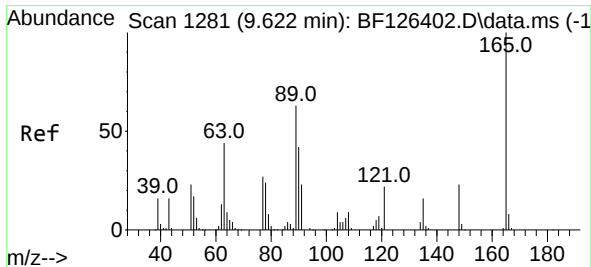
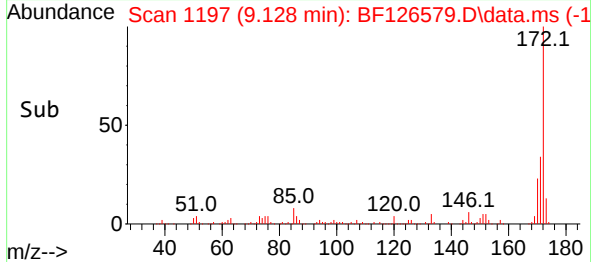
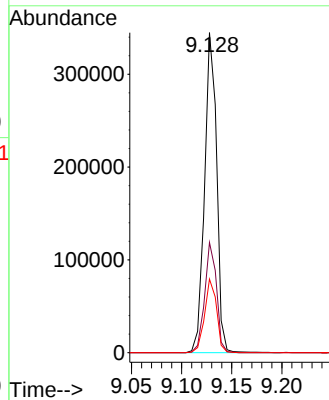
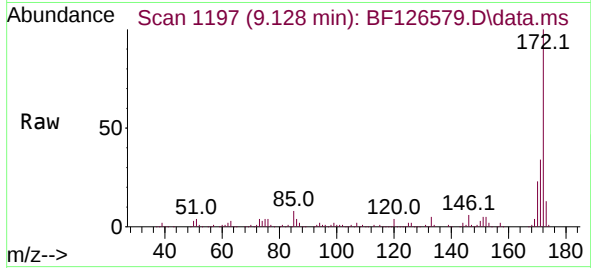




#45
2-Fluorobiphenyl
Concen: 41.444 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

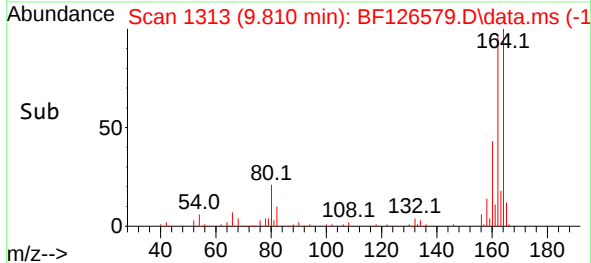
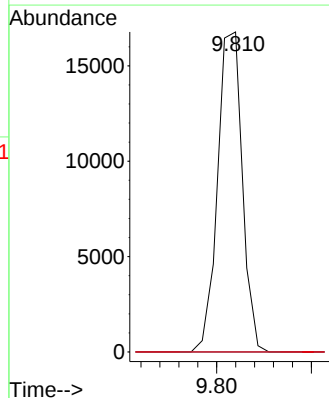
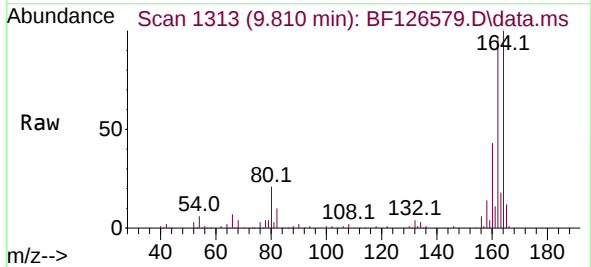
Instrument :
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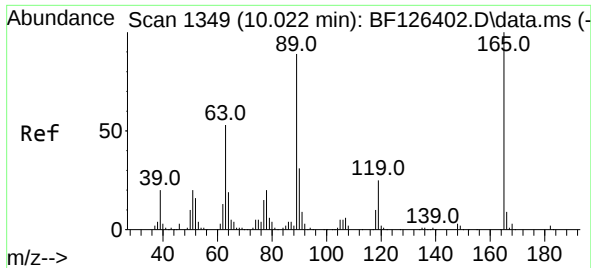
Tgt Ion:172 Resp: 290953
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.0 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.145 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.212 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:165 Resp: 15232
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#

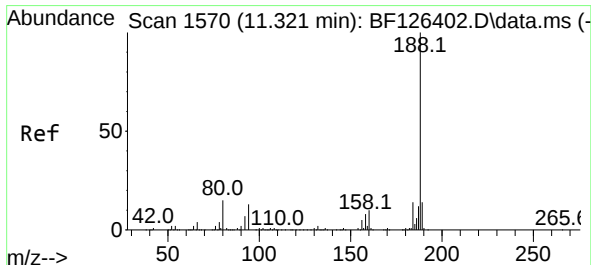
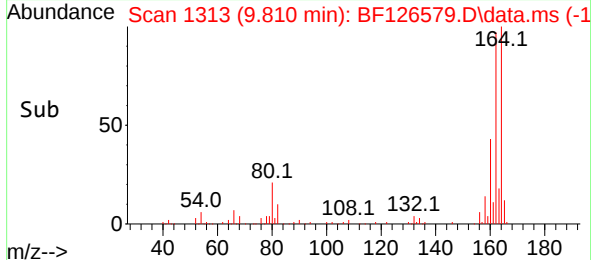
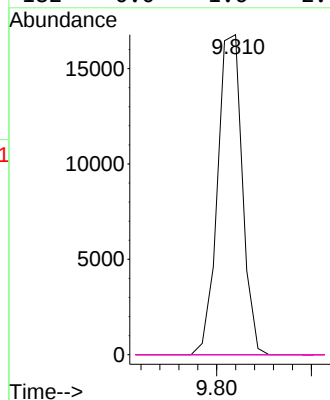
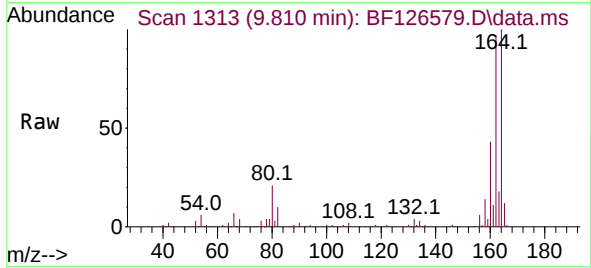




#57
2,4-Dinitrotoluene
Concen: 7.088 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

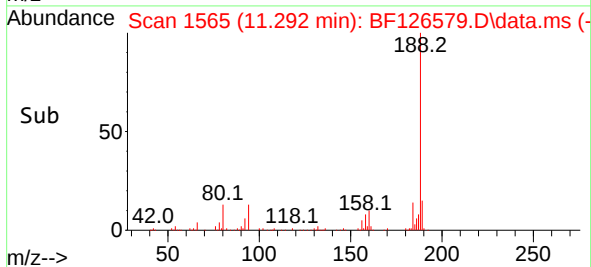
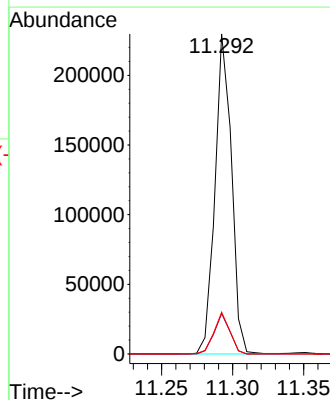
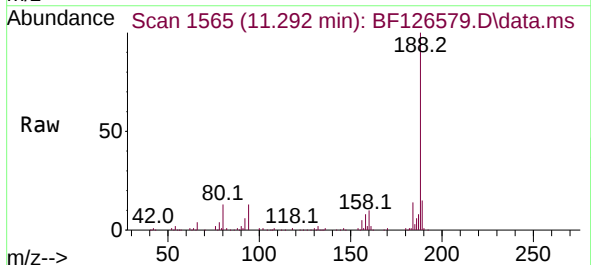
Instrument :
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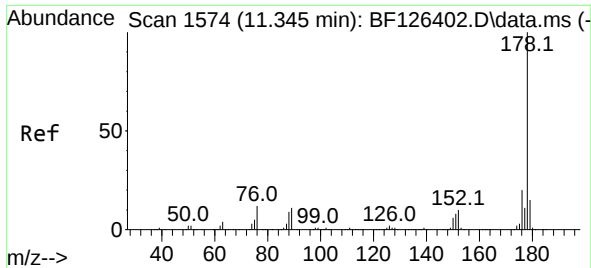
Tgt Ion:165 Resp: 15232
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:188 Resp: 185217
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 13.0 11.8 17.6

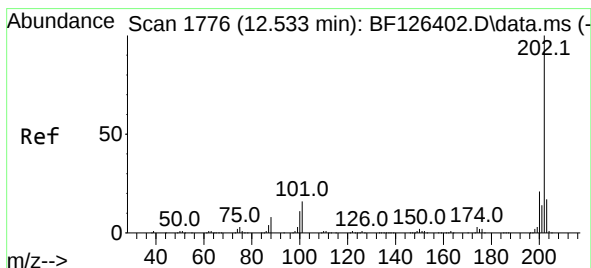
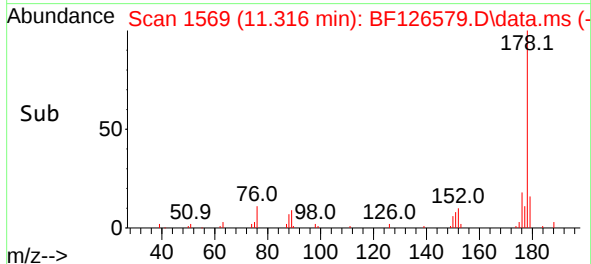
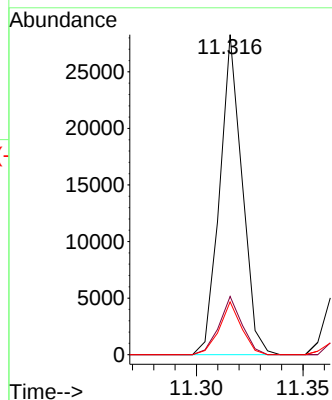
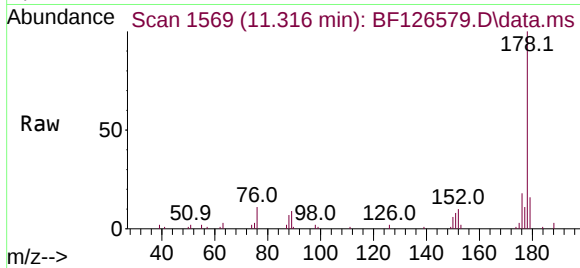




#71
Phenanthrene
Concen: 2.184 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

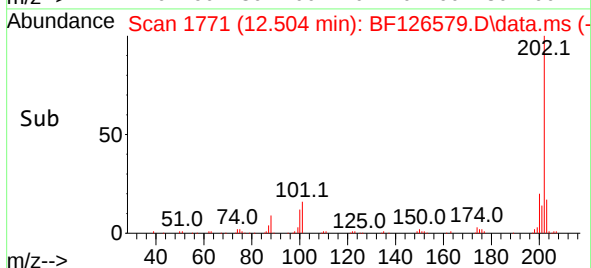
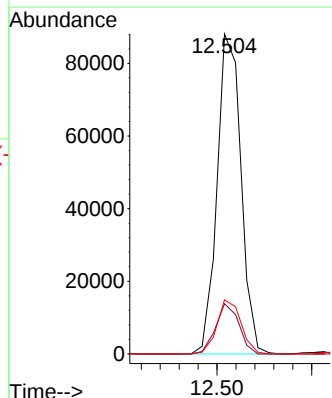
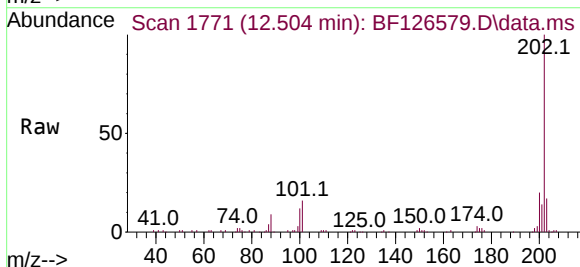
Instrument :
BNA_F
ClientSampleId :
SB-07

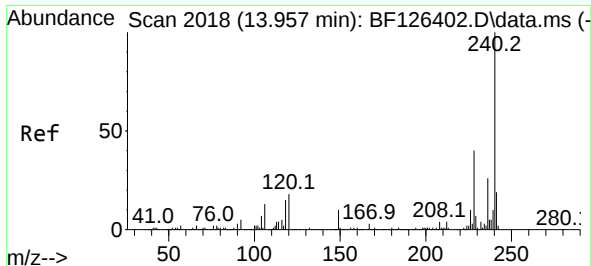
Tgt Ion:178 Resp: 20681
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 16.5 12.3 18.5



#75
Fluoranthene
Concen: 8.933 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:202 Resp: 77202
Ion Ratio Lower Upper
202 100
101 15.7 0.0 35.7
203 16.9 0.0 37.1

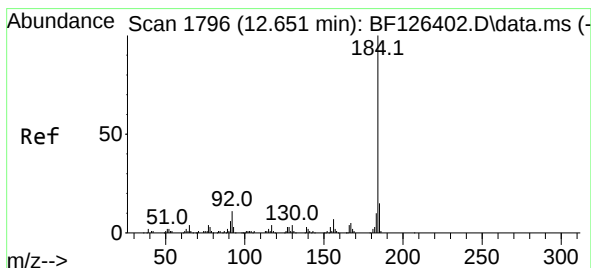
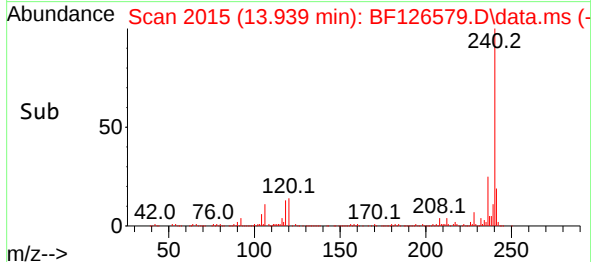
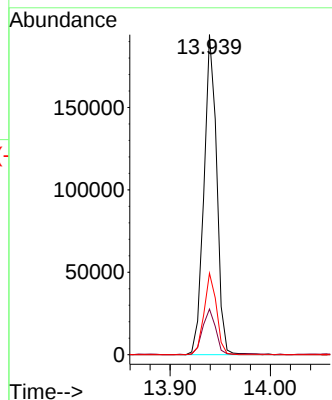
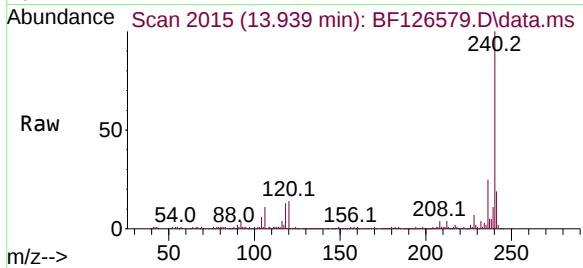




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

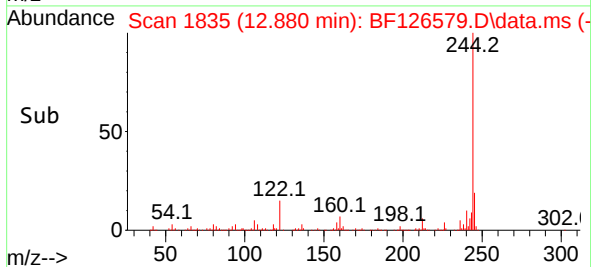
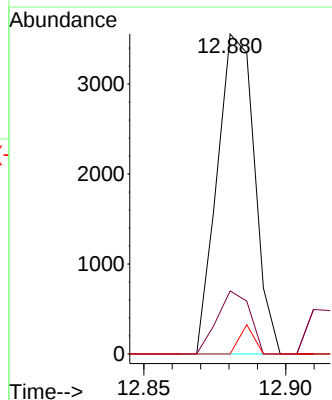
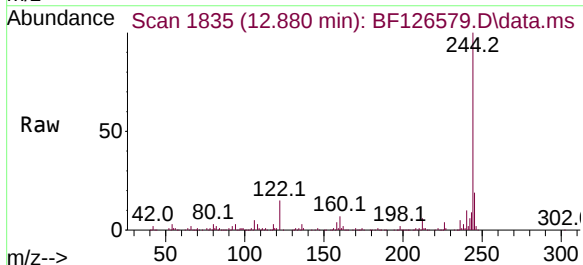
Instrument :
BNA_F
ClientSampleId :
SB-07

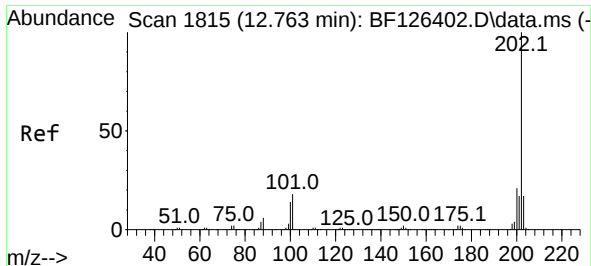
Tgt Ion:240 Resp: 172607
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 25.5 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.880 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:184 Resp: 3246
Ion Ratio Lower Upper
184 100
185 19.7 11.8 17.8#
183 0.0 8.2 12.2#

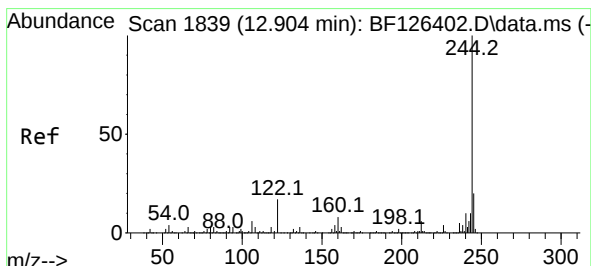
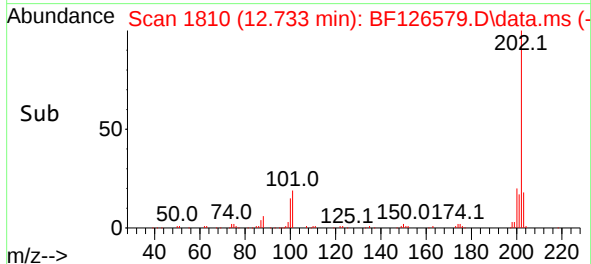
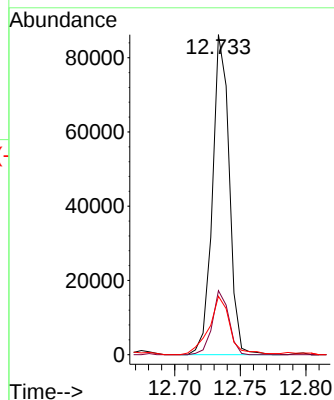
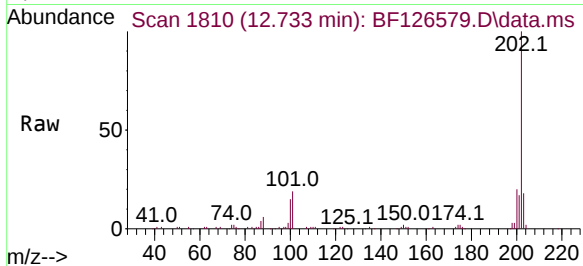




#78
 Pyrene
 Concen: 5.261 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF126579.D
 Acq: 10 Jan 2022 21:01

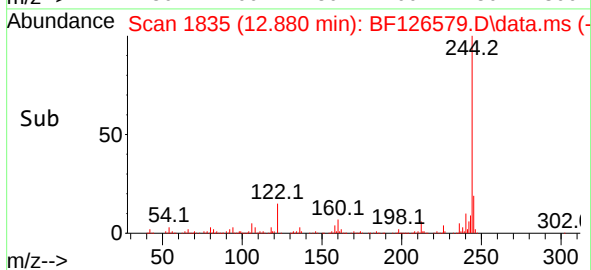
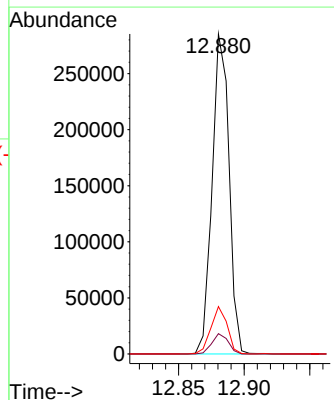
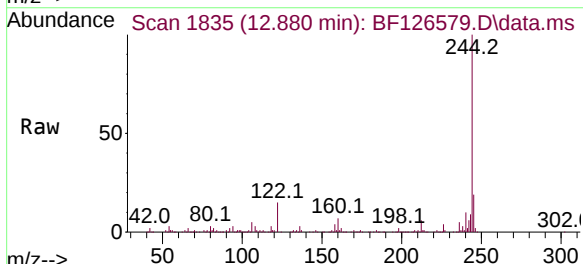
Instrument :
 BNA_F
 ClientSampleId :
 SB-07

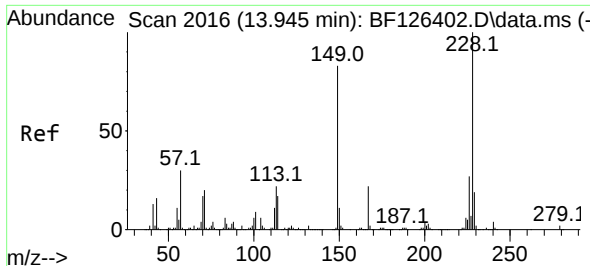
Tgt Ion:	202	Resp:	76740
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.6	24.8
203	18.2	13.8	20.8



#79
 Terphenyl-d14
 Concen: 28.798 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF126579.D
 Acq: 10 Jan 2022 21:01

Tgt Ion:	244	Resp:	255833
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.0	7.4
122	14.8	13.3	19.9

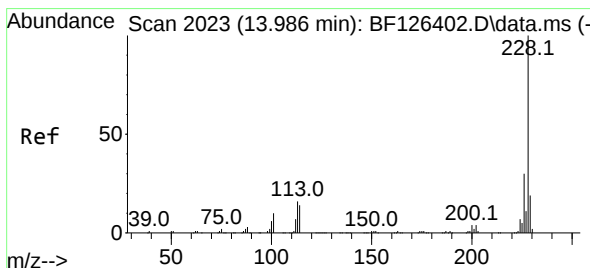
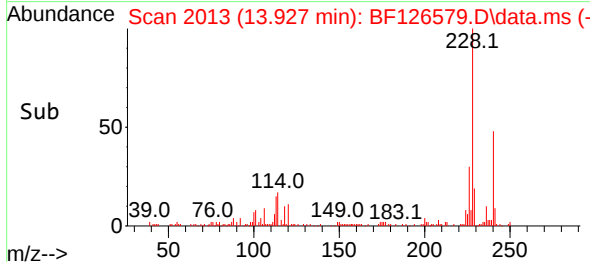
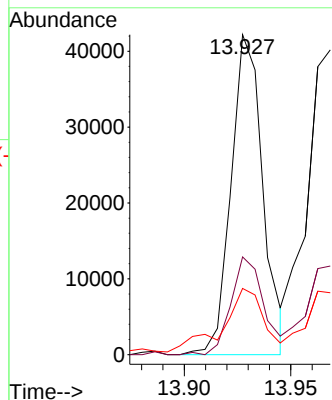
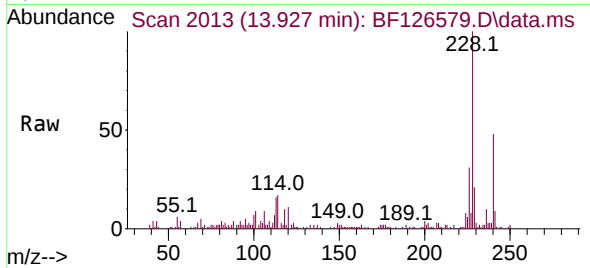




#81
Benzo(a)anthracene
Concen: 4.408 ng
RT: 13.927 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

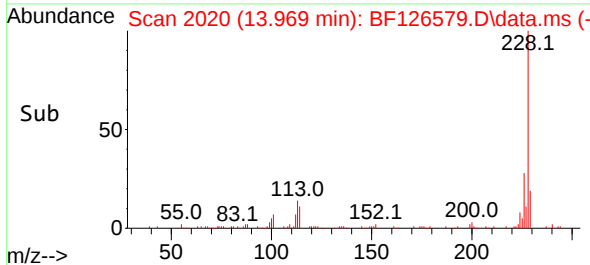
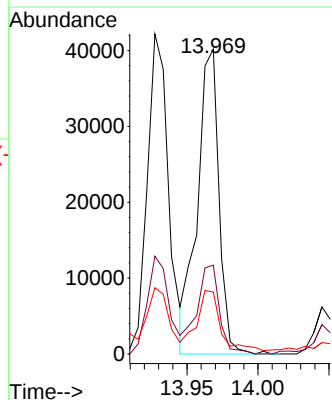
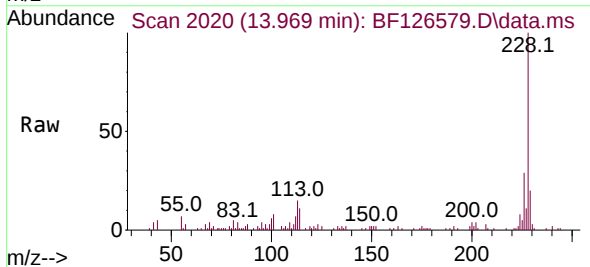
Instrument :
BNA_F
ClientSampleId :
SB-07

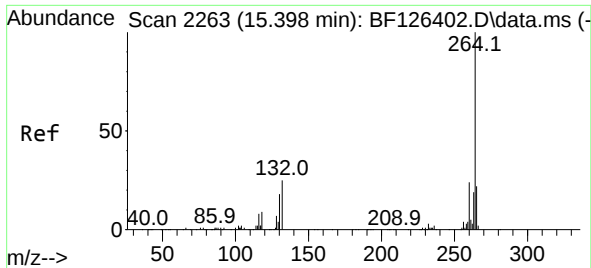
Tgt Ion:228 Resp: 43752
Ion Ratio Lower Upper
228 100
226 30.6 21.4 32.0
229 20.7 15.4 23.2



#83
Chrysene
Concen: 4.188 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:228 Resp: 42646
Ion Ratio Lower Upper
228 100
226 29.1 23.7 35.5
229 20.3 15.5 23.3



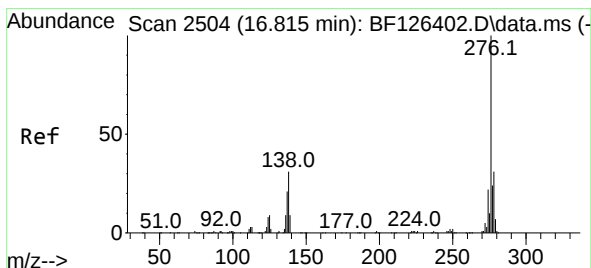
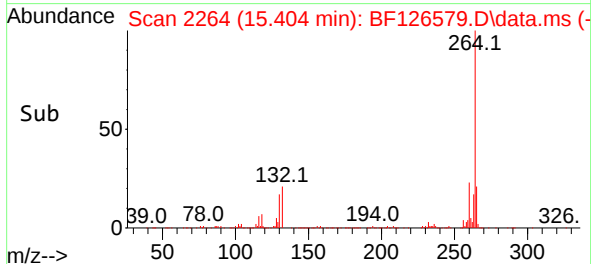
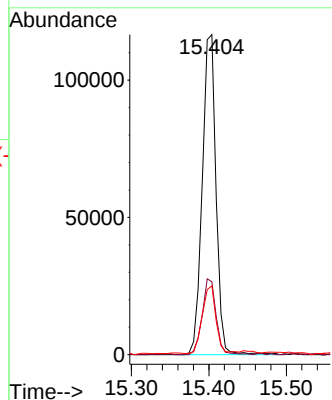
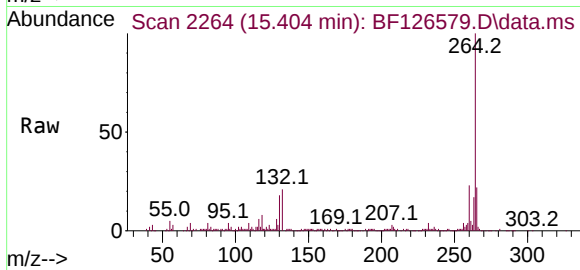


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion:264 Resp: 144065

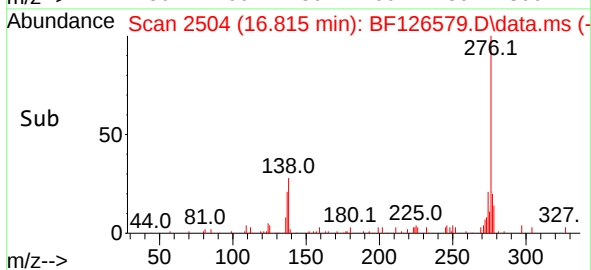
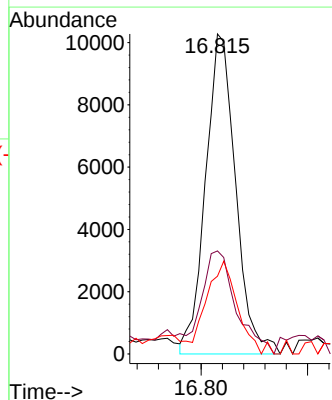
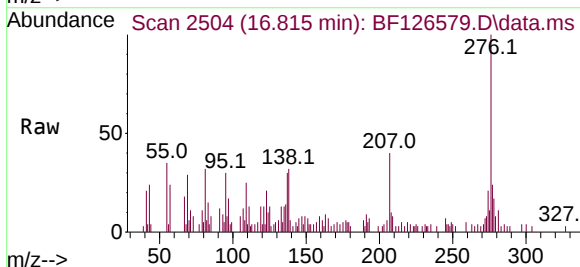
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	17.4	26.2

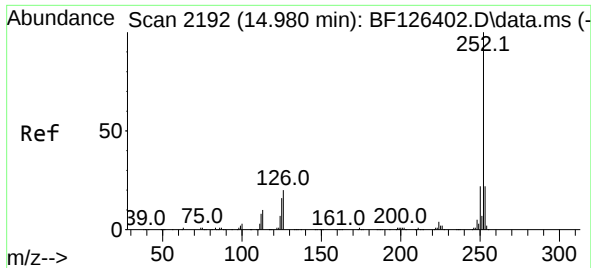


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.086 ng
RT: 16.815 min Scan# 2504
Delta R.T. -0.012 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:276 Resp: 20113

Ion	Ratio	Lower	Upper
276	100		
138	36.3	29.2	43.8
277	29.7	19.8	29.8

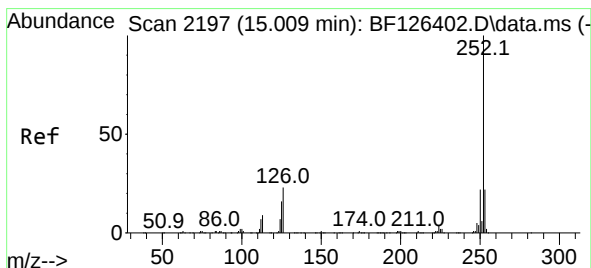
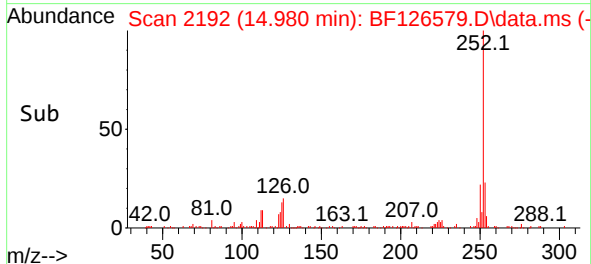
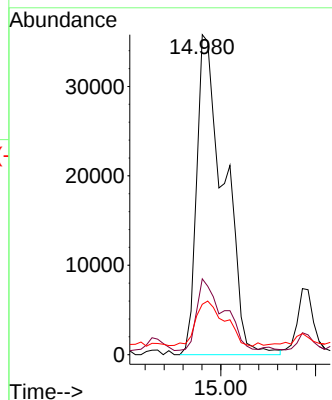
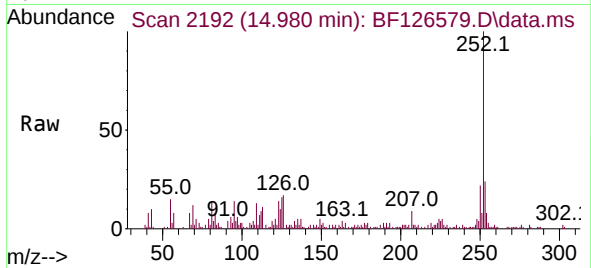




#88
Benzo(b)fluoranthene
Concen: 8.394 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

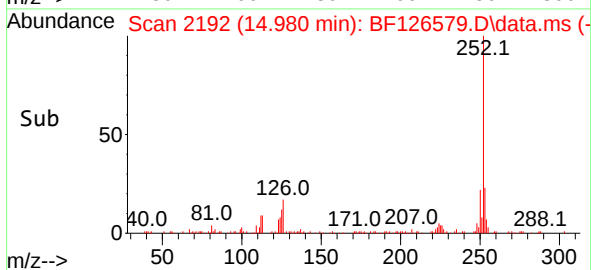
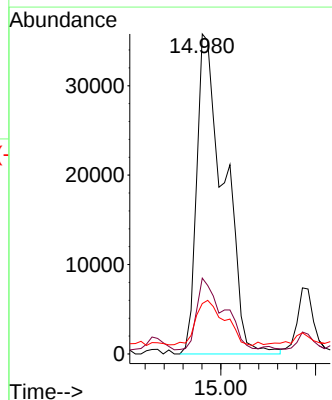
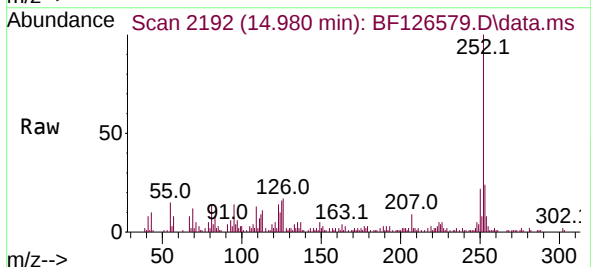
Instrument :
BNA_F
ClientSampleId :
SB-07

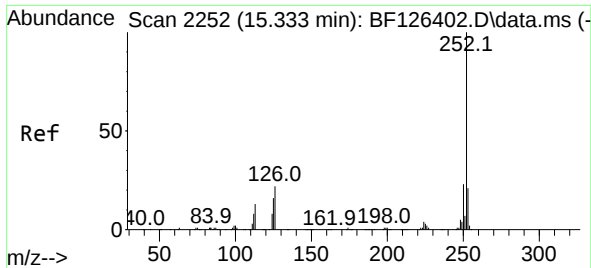
Tgt Ion:252 Resp: 72037
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 15.7 12.4 18.6



#89
Benzo(k)fluoranthene
Concen: 8.665 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.035 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:252 Resp: 72037
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 15.7 11.8 17.6

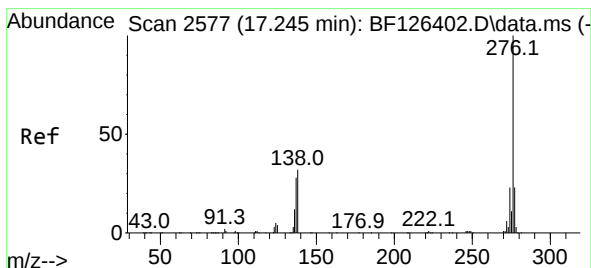
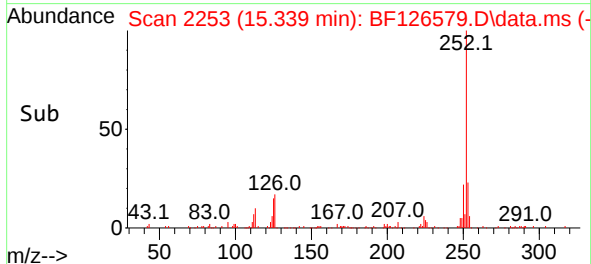
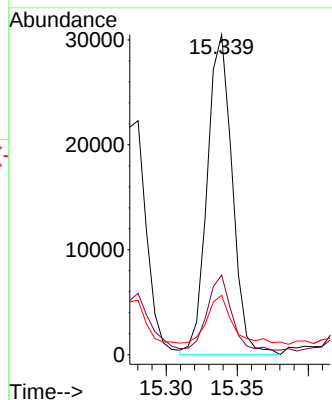
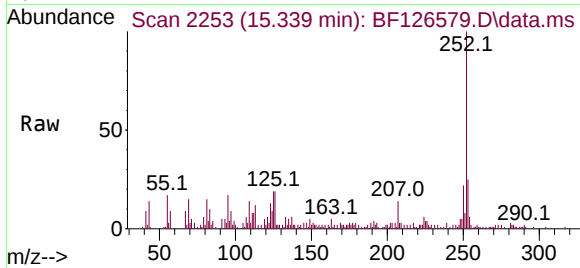




#90
Benzo(a)pyrene
Concen: 5.191 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SB-07

Tgt Ion:252 Resp: 37354
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 18.6 13.0 19.6



#92
Benzo(g,h,i)perylene
Concen: 2.427 ng
RT: 17.245 min Scan# 2577
Delta R.T. -0.018 min
Lab File: BF126579.D
Acq: 10 Jan 2022 21:01

Tgt Ion:276 Resp: 20105
Ion Ratio Lower Upper
276 100
277 22.7 18.5 27.7
138 27.1 25.9 38.9

