

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123126.D
 Acq On : 4 Feb 2021 22:09
 Operator : JU/CG
 Sample : M1286-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JJ BH 02 0-1

Quant Time: Feb 04 23:33:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

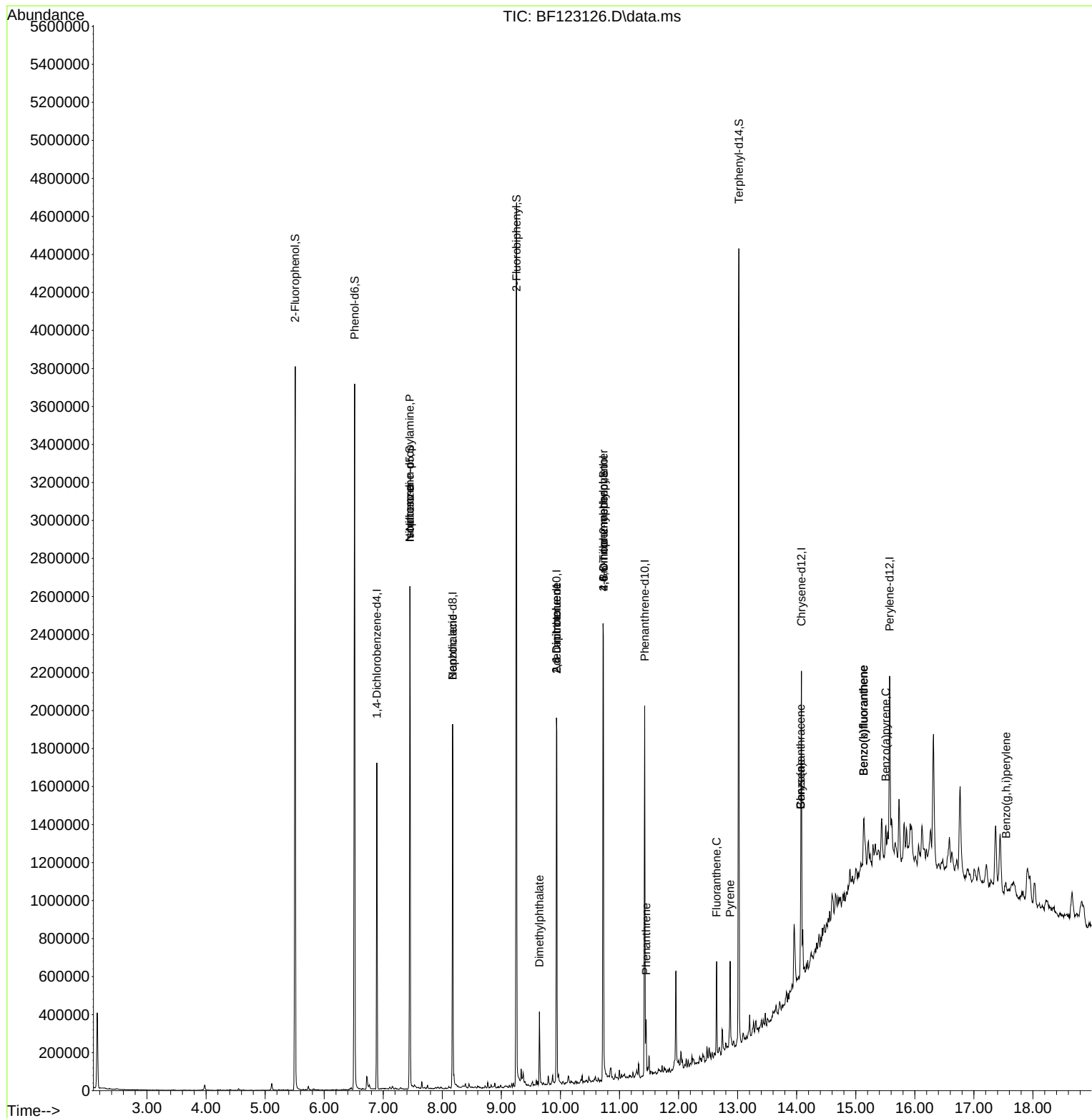
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	220515	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	831372	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	414354	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	673773	20.00	ng	0.00
76) Chrysene-d12	14.080	240	528172	20.00	ng	0.00
86) Perylene-d12	15.574	264	446182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1072822	75.05	ng	0.00
7) Phenol-d6	6.516	99	1312184	67.72	ng	0.00
23) Nitrobenzene-d5	7.451	82	828209	50.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	326767	72.65	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1496298	53.68	ng	0.00
79) Terphenyl-d14	13.021	244	1343671	49.98	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	111614	9.58	ng	# 79
25) Isophorone	7.451	82	826077	27.30	ng	# 65
32) Benzoic acid	8.175	122	117	4.93	ng	# 1
50) Dimethylphthalate	9.645	163	138223	4.25	ng	100
51) 2,6-Dinitrotoluene	9.933	165	53235	7.69	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	53808	5.97	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	801	5.17	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	21569	2.51	ng	# 1
71) Phenanthrene	11.451	178	99006	2.37	ng	97
75) Fluoranthene	12.645	202	183602	4.39	ng	97
78) Pyrene	12.874	202	173279	4.35	ng	99
81) Benzo(a)anthracene	14.068	228	98837	2.76	ng	95
83) Chrysene	14.068	228	98837	2.76	ng	96
88) Benzo(b)fluoranthene	15.133	252	155716	4.84	ng	# 82
89) Benzo(k)fluoranthene	15.133	252	155716	5.20	ng	# 81
90) Benzo(a)pyrene	15.509	252	79319	2.80	ng	# 83
92) Benzo(g,h,i)perylene	17.545	276	53101	2.24	ng	# 87

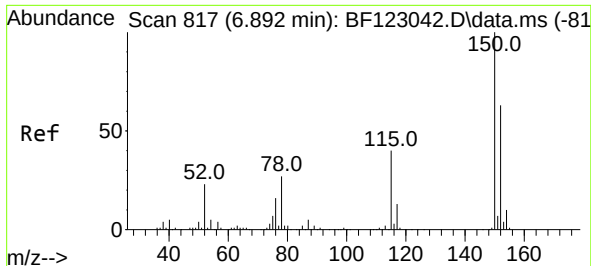
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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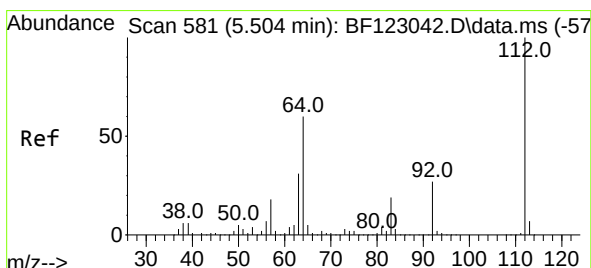
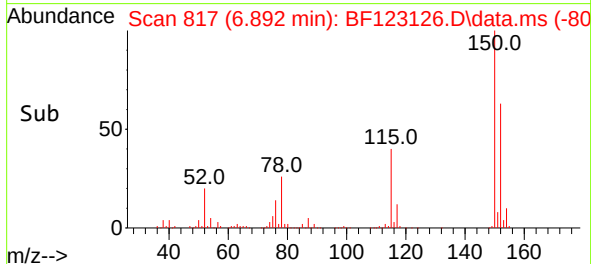
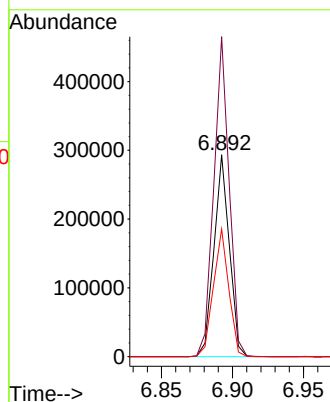
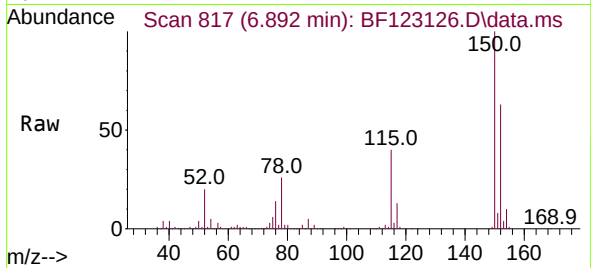




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

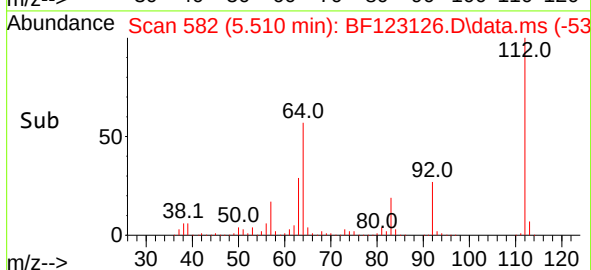
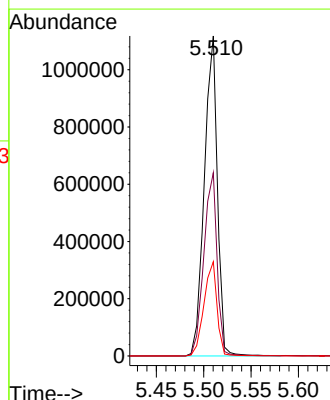
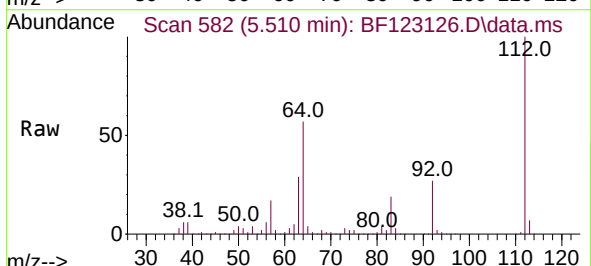
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

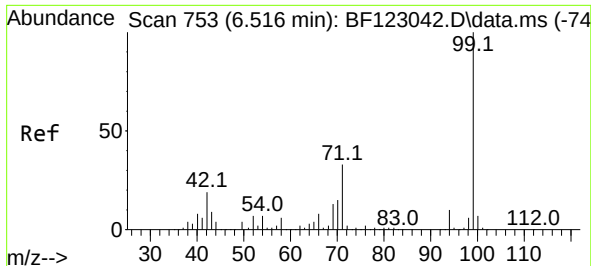
Tgt Ion:152 Resp: 220515
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.6
115 63.2 49.3 73.9



#5
2-Fluorophenol
Concen: 75.05 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:112 Resp: 1072822
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.4 24.5 36.7

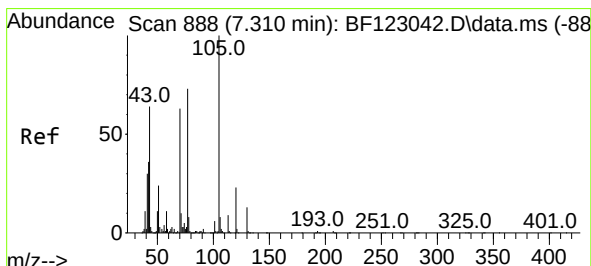
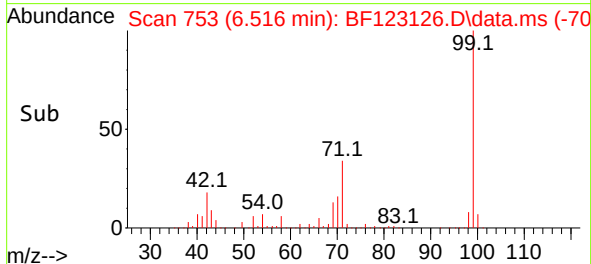
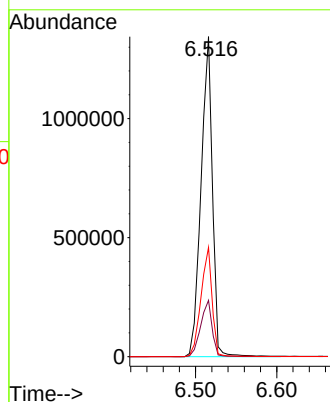
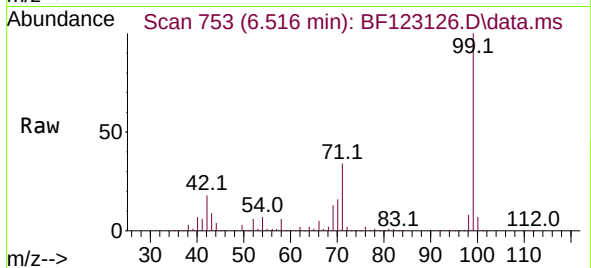




#7
Phenol-d6
Concen: 67.72 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

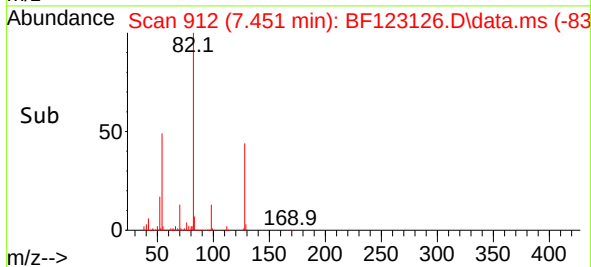
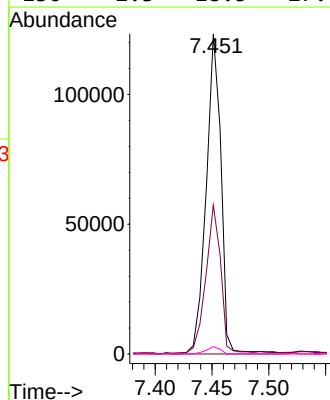
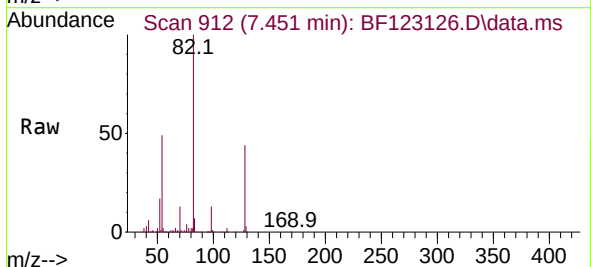
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

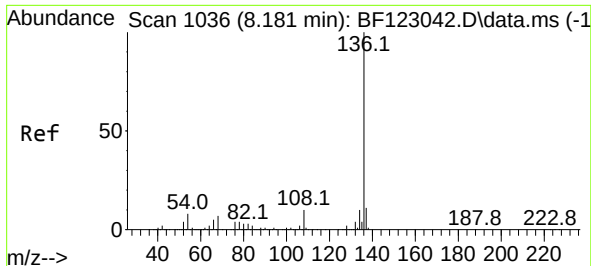
Tgt Ion: 99 Resp: 1312184
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.6
71 34.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.58 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion: 70 Resp: 111614
Ion Ratio Lower Upper
70 100
42 46.6 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



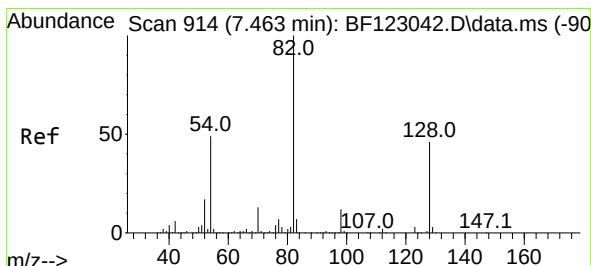
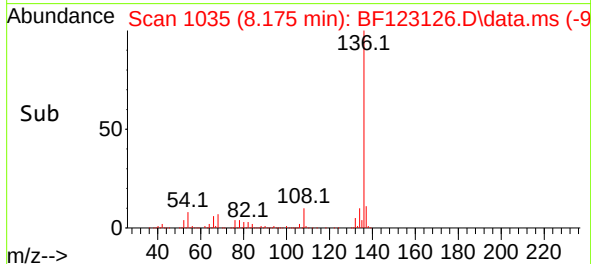
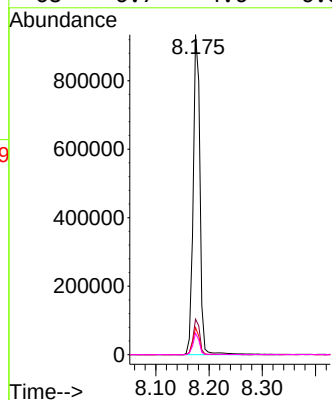
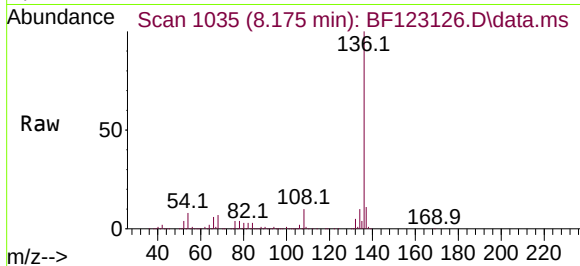


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Instrument :
BNA_F
ClientSampleId :
JJ BH 02 0-1

Tgt Ion:136 Resp: 831372

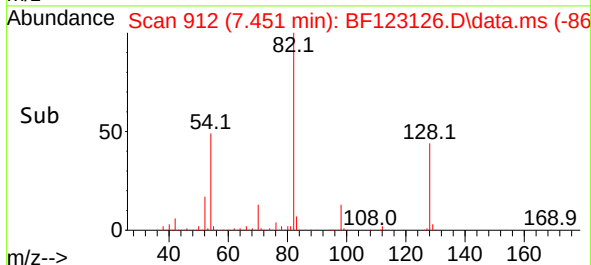
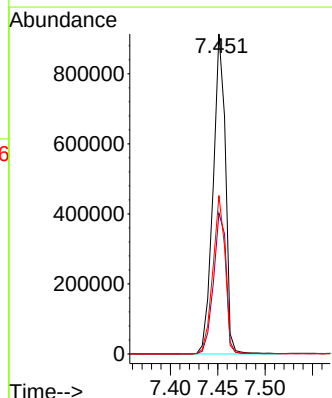
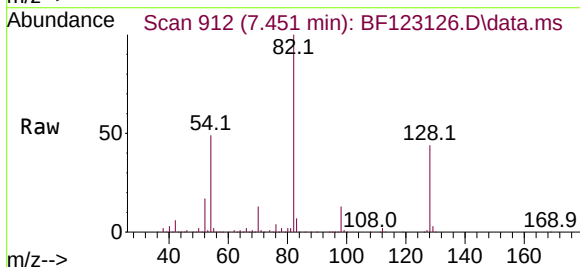
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	5.5	8.3#
68	6.7	4.6	6.8

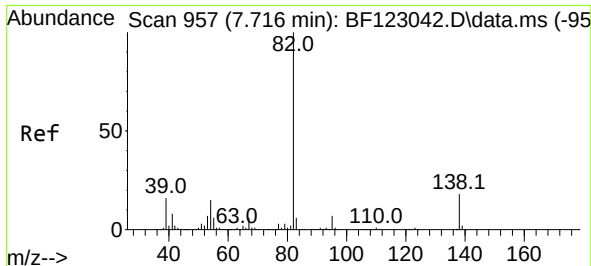


#23
Nitrobenzene-d5
Concen: 50.14 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion: 82 Resp: 828209

Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.0	55.4
54	49.5	38.4	57.6

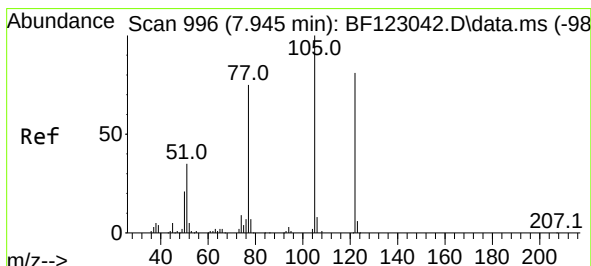
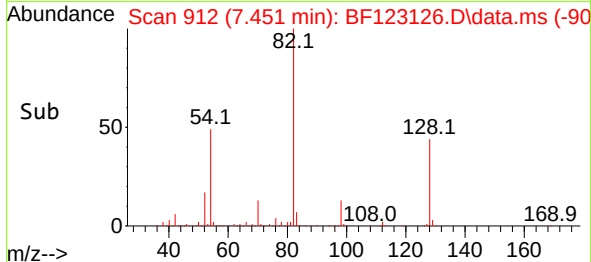
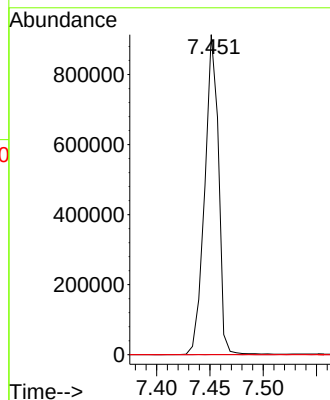
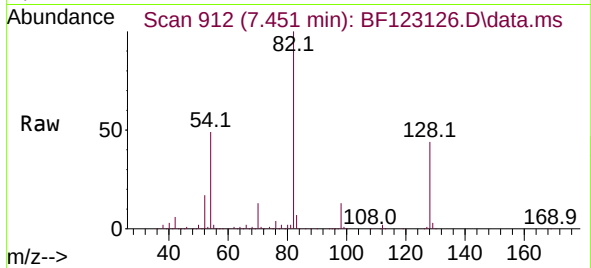




#25
Isophorone
Concen: 27.30 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

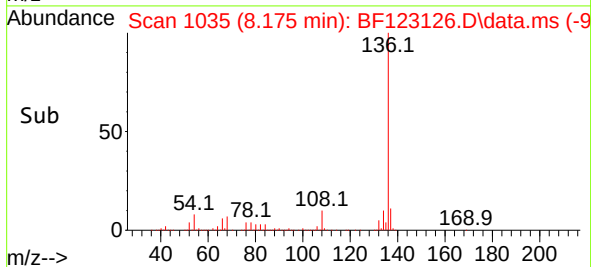
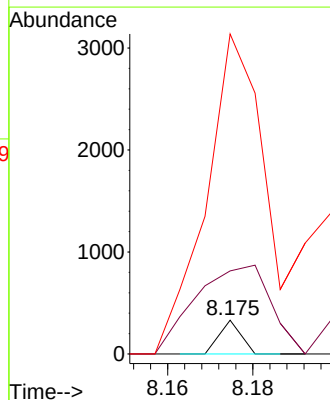
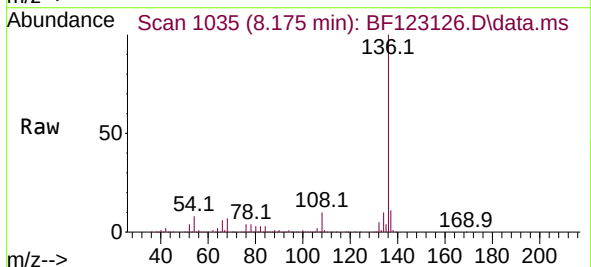
Instrument :
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ClientSampleId :
JJ_BH_02_0-1

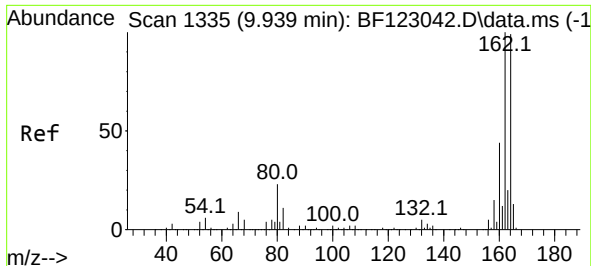
Tgt Ion: 82 Resp: 826077
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.93 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 245.9 104.8 144.8#
77 948.0 71.0 111.0#

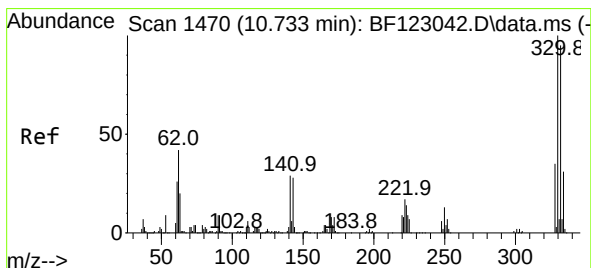
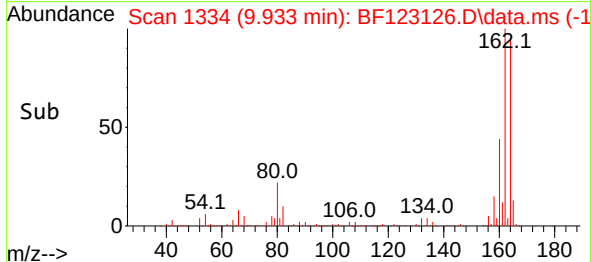
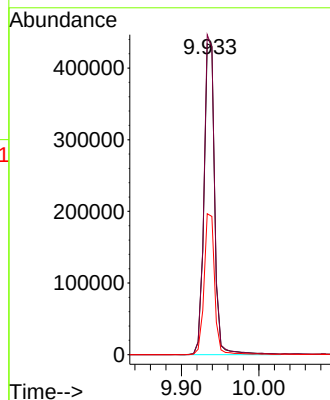
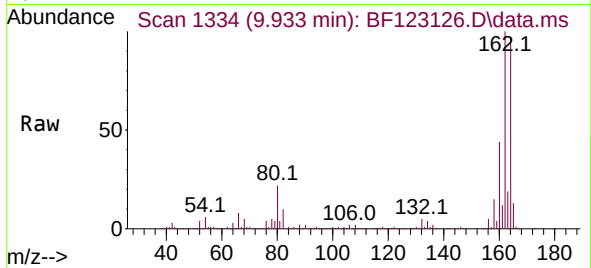




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

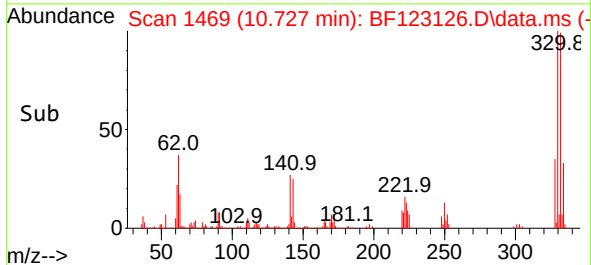
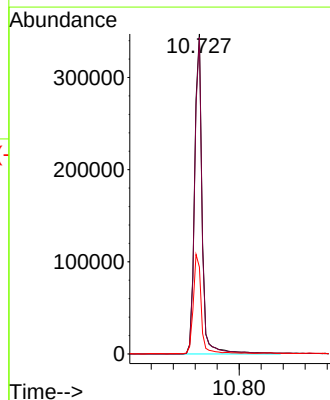
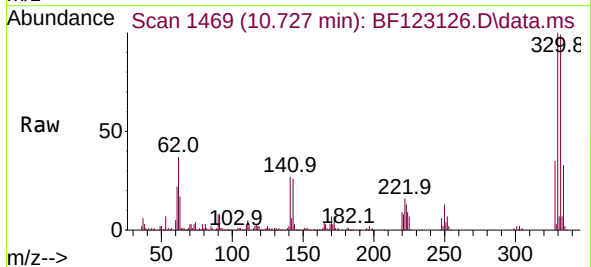
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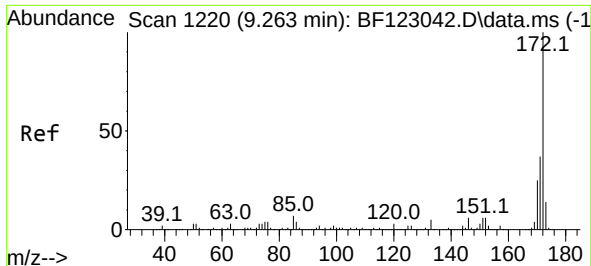
Tgt Ion:164 Resp: 414354
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 72.65 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:330 Resp: 326767
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 32.7 23.8 35.8

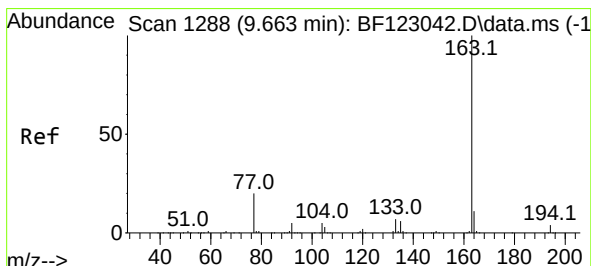
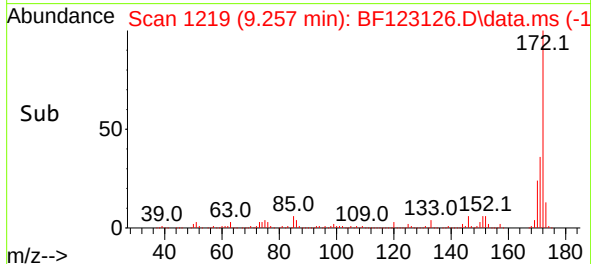
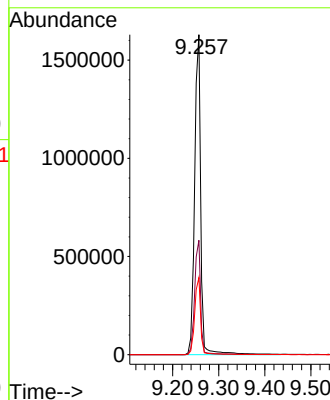
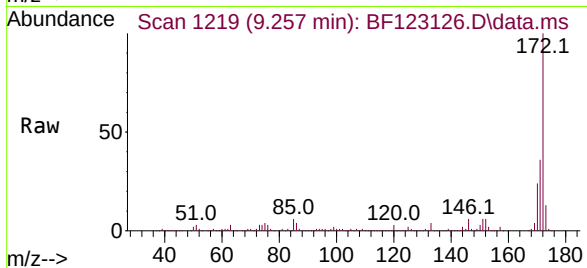




#45
2-Fluorobiphenyl
Concen: 53.68 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

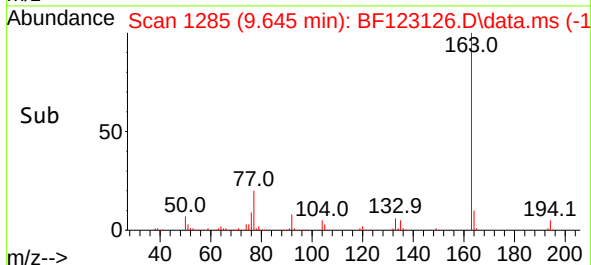
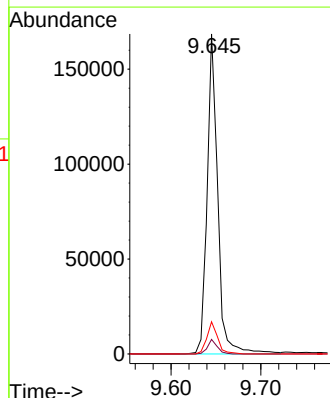
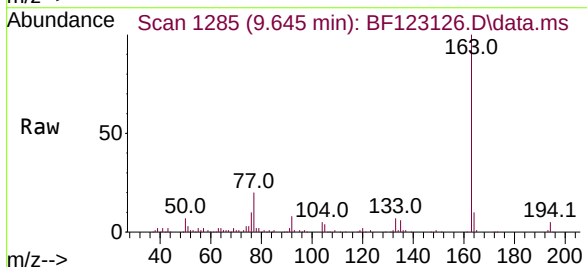
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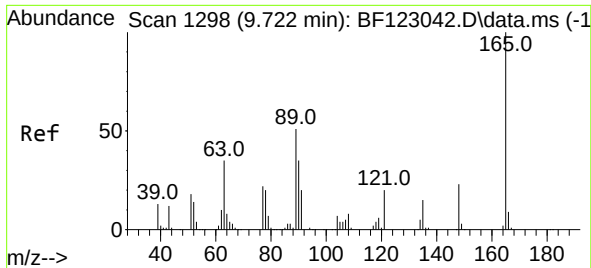
Tgt Ion:172 Resp: 1496298
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 4.25 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:163 Resp: 138223
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.1 8.1 12.1

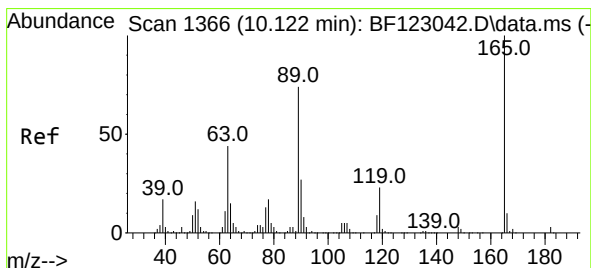
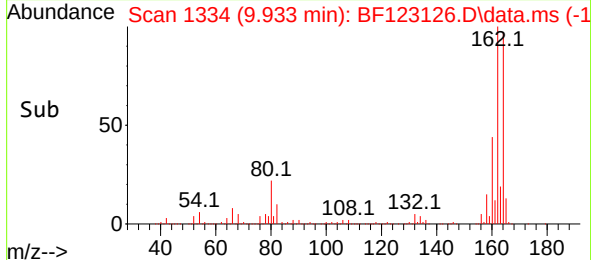
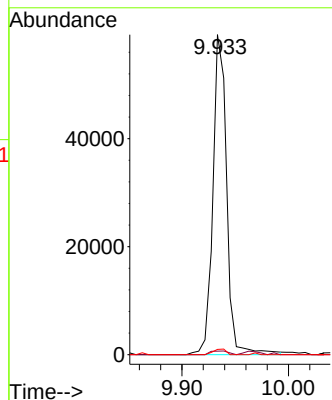
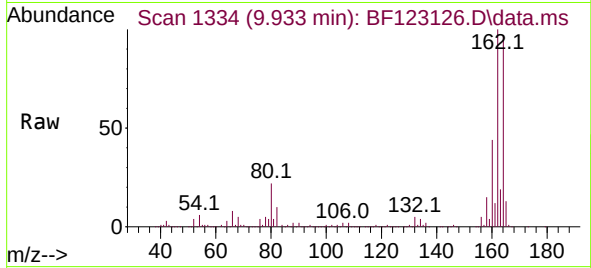




#51
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

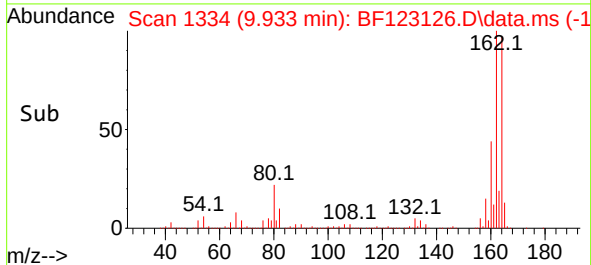
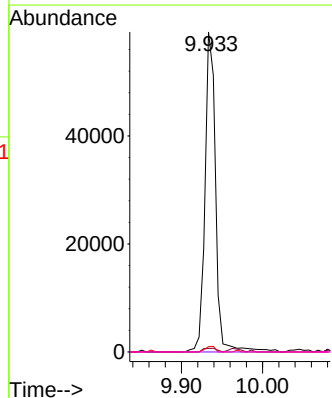
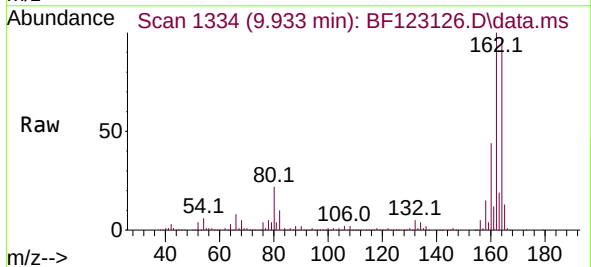
Instrument :
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JJ_BH_02_0-1

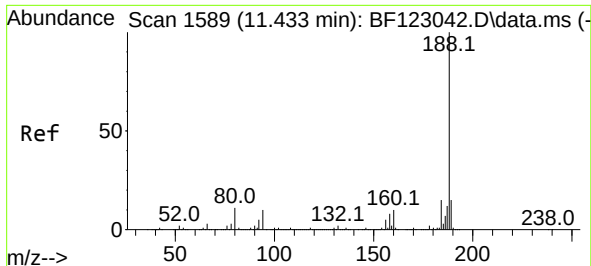
Tgt Ion:165 Resp: 53235
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:165 Resp: 53808
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

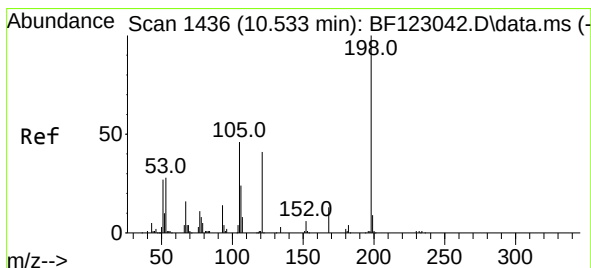
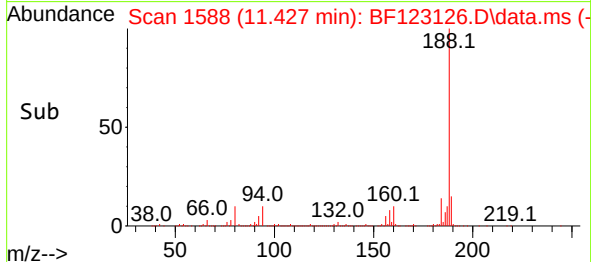
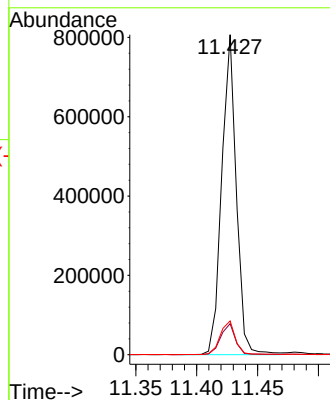
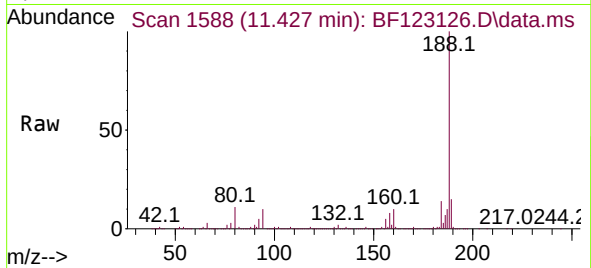




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

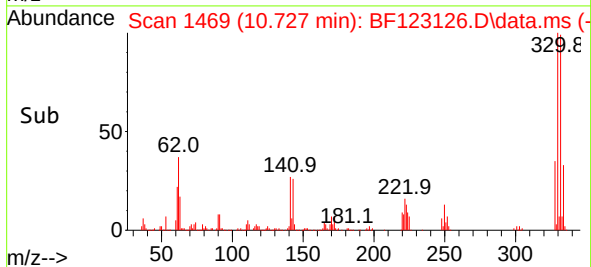
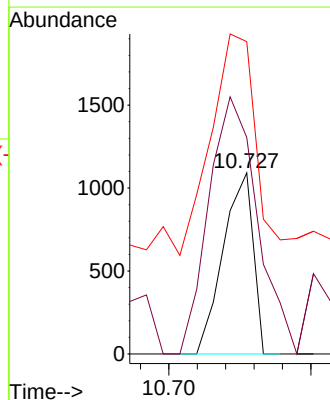
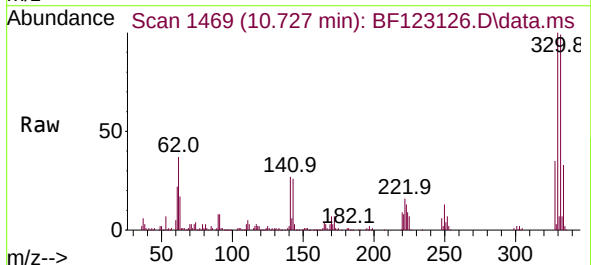
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

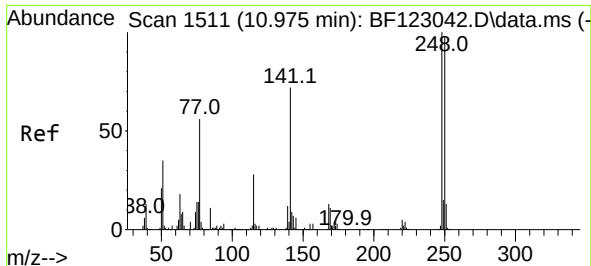
Tgt Ion:188 Resp: 673773
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.5 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:198 Resp: 801
Ion Ratio Lower Upper
198 100
51 119.5 20.3 60.3#
105 172.4 23.0 63.0#

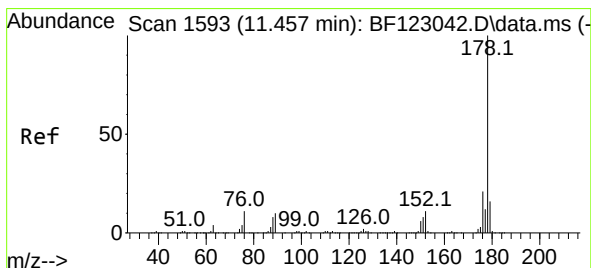
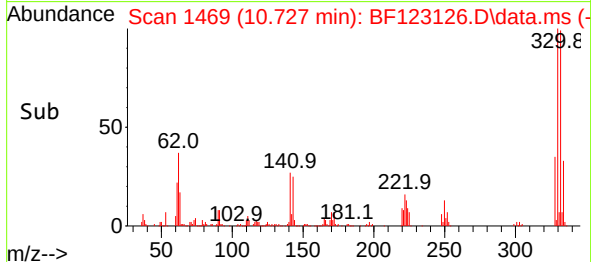
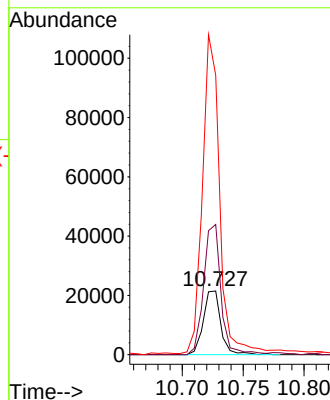
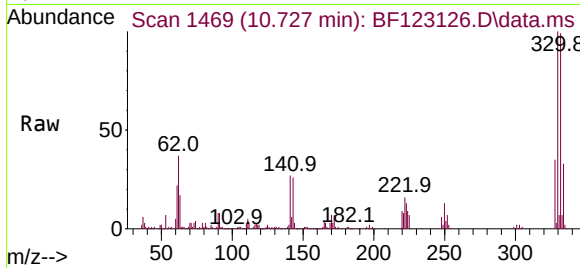




#67
4-Bromophenyl-phenylether
Concen: 2.51 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

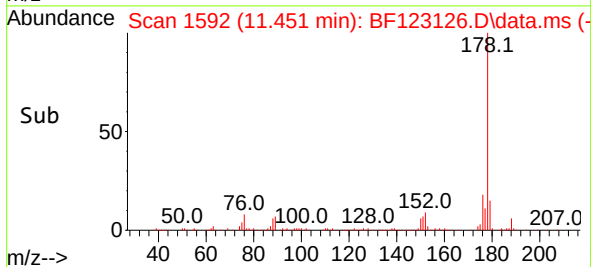
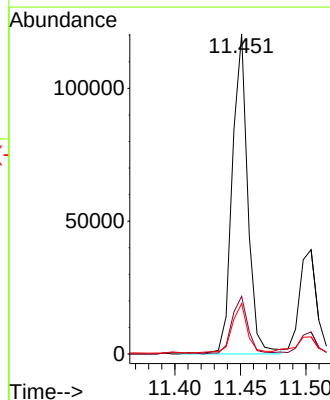
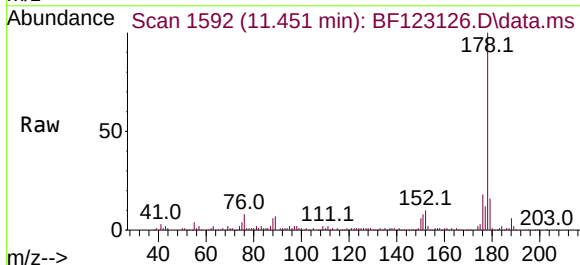
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

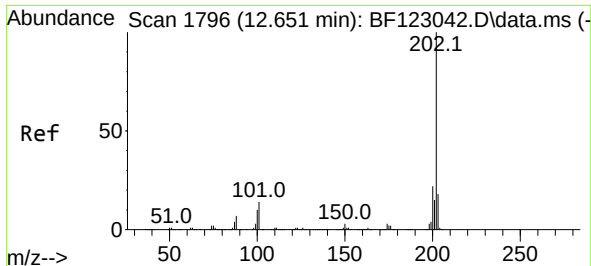
Tgt Ion:248 Resp: 21569
Ion Ratio Lower Upper
248 100
250 204.7 76.8 115.2#
141 438.7 59.8 89.8#



#71
Phenanthrene
Concen: 2.37 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:178 Resp: 99006
Ion Ratio Lower Upper
178 100
176 18.0 16.2 24.2
179 15.8 12.7 19.1

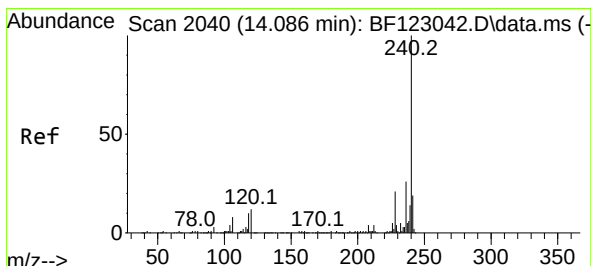
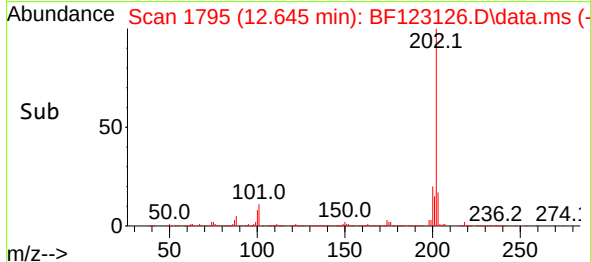
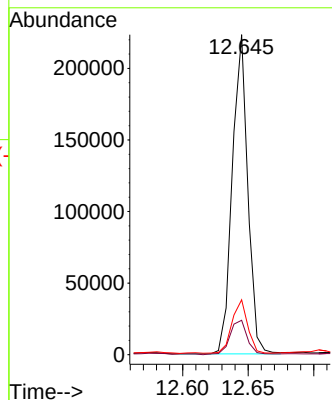
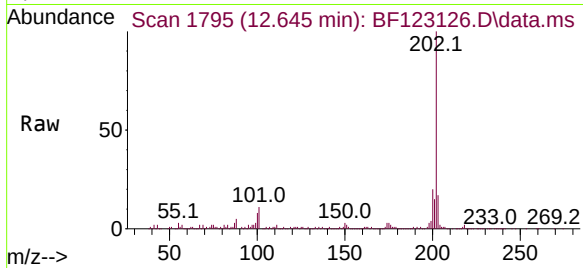




#75
Fluoranthene
Concen: 4.39 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

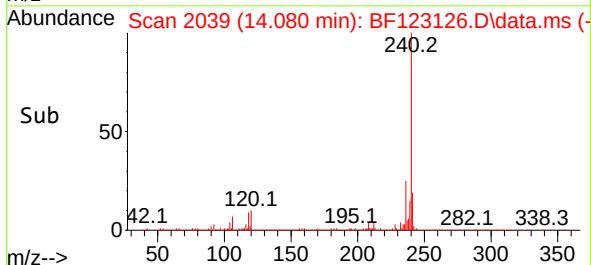
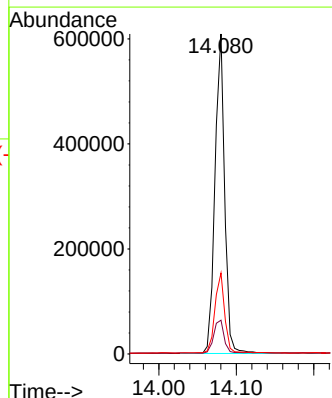
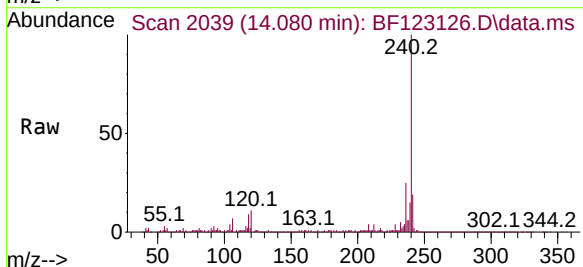
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

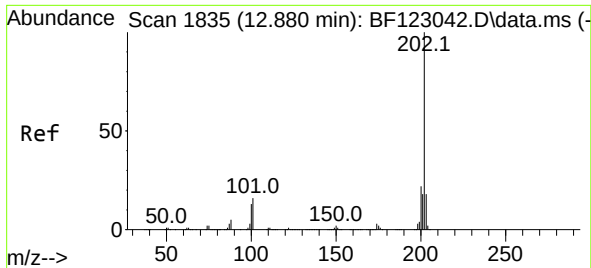
Tgt Ion:202 Resp: 183602
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.2
203 17.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:240 Resp: 528172
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.3 20.3 30.5

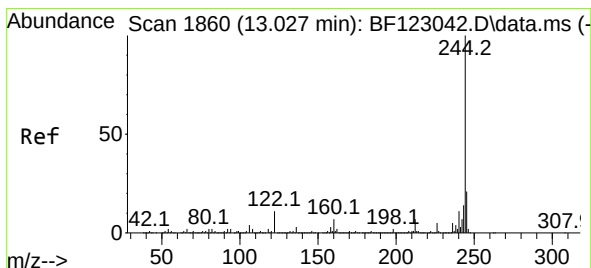
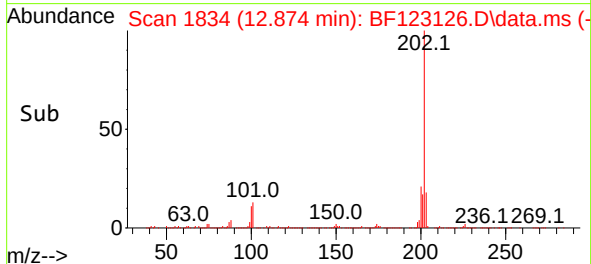
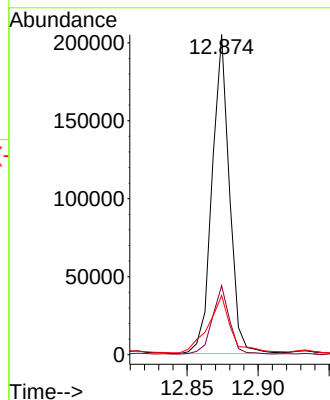
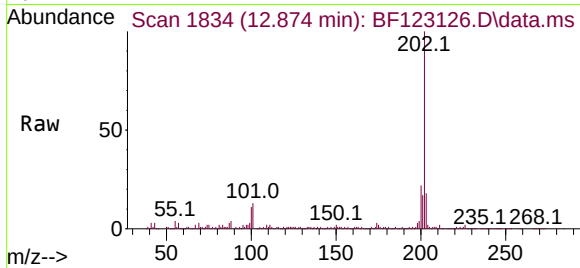




#78
Pyrene
Concen: 4.35 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

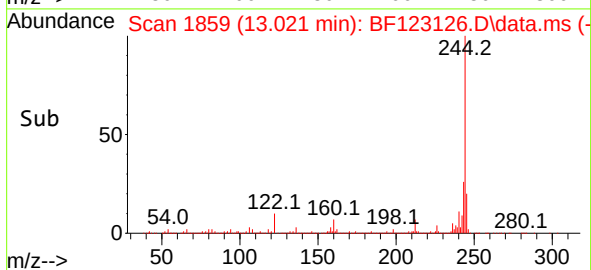
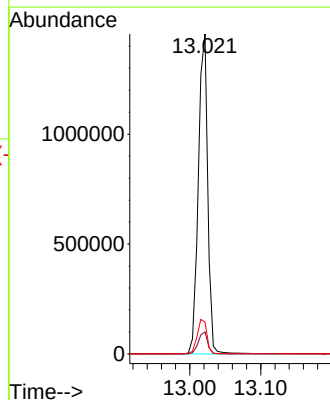
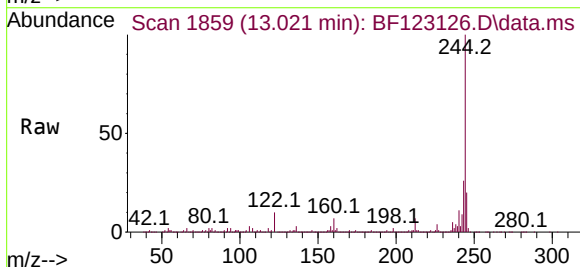
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

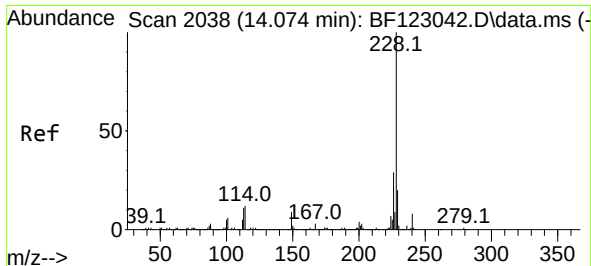
Tgt Ion:202	Resp:	173279
Ion Ratio	Lower	Upper
202	100	
200	21.5	17.6 26.4
203	18.5	14.6 21.8



#79
Terphenyl-d14
Concen: 49.98 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:244	Resp:	1343671
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.7 8.5
122	10.0	8.3 12.5

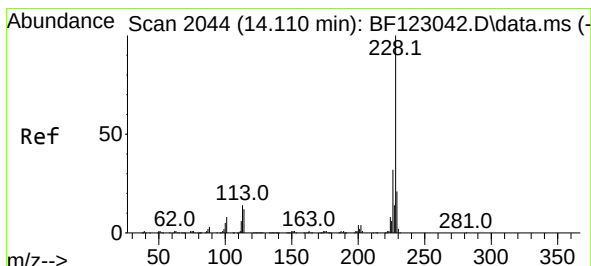
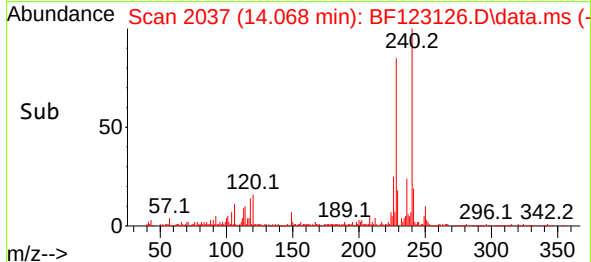
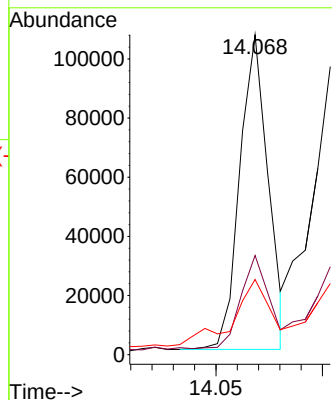
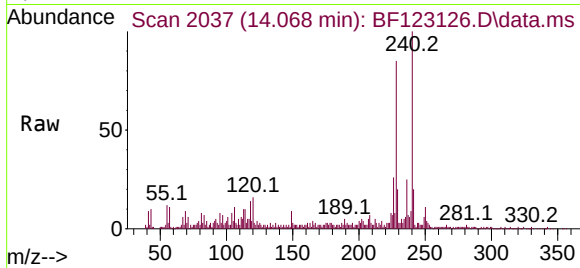




#81
Benzo(a)anthracene
Concen: 2.76 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

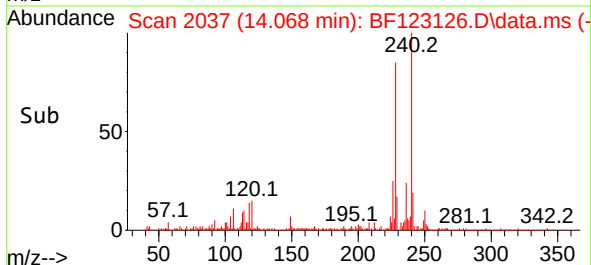
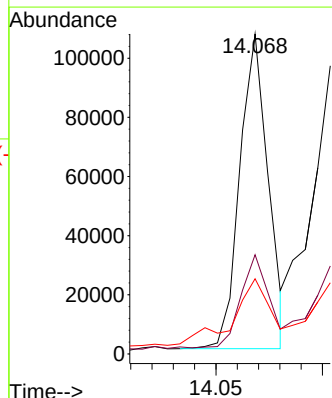
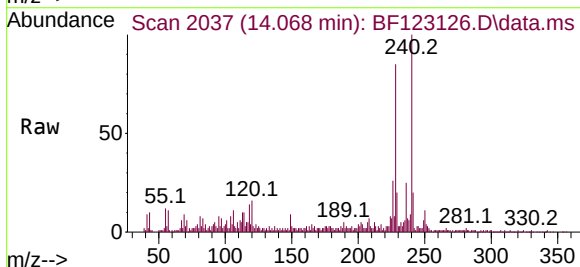
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

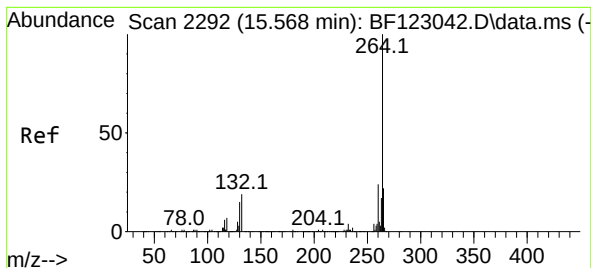
Tgt Ion:228 Resp: 98837
Ion Ratio Lower Upper
228 100
226 31.0 23.0 34.4
229 23.5 16.6 24.8



#83
Chrysene
Concen: 2.76 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.041 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Tgt Ion:228 Resp: 98837
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 23.5 15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF123126.D

Acq: 4 Feb 2021 22:09

Tgt Ion:264 Resp: 446182

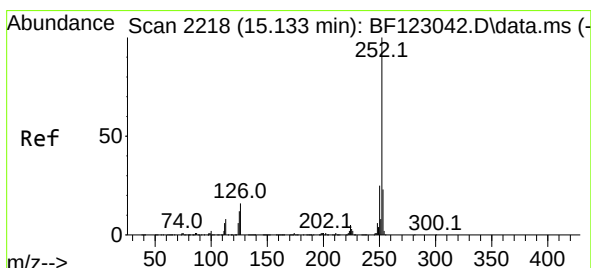
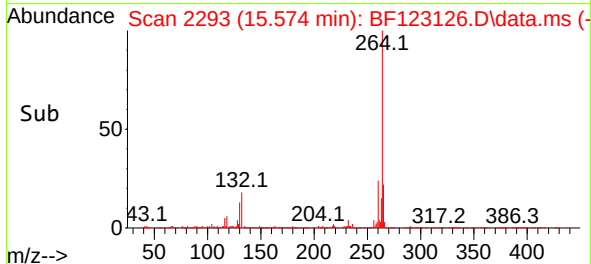
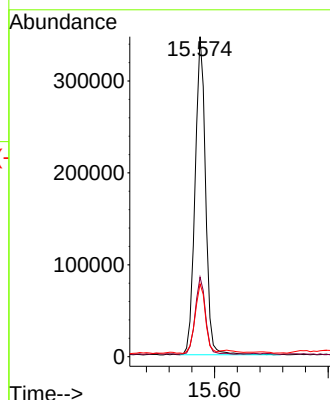
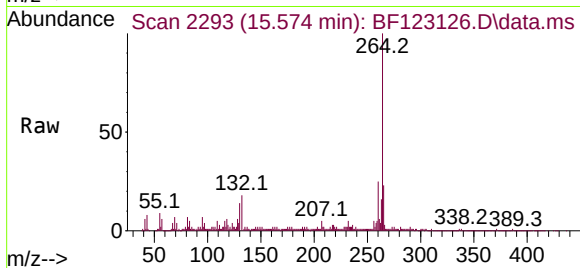
Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	22.8	17.0	25.6

Instrument :

BNA_F

ClientSampleId :

JJ BH 02 0-1



#88

Benzo(b)fluoranthene

Concen: 4.84 ng

RT: 15.133 min Scan# 2218

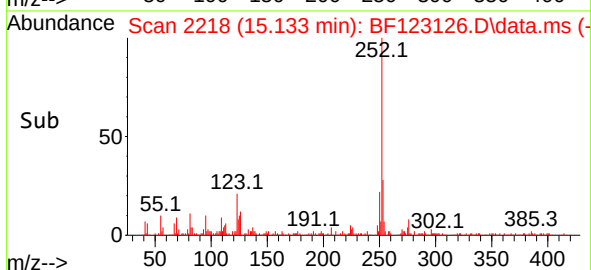
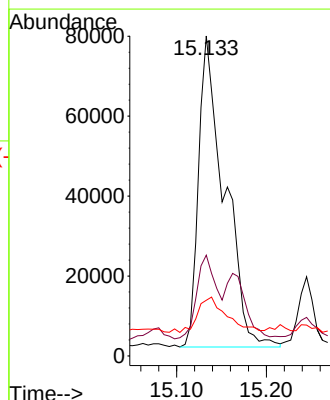
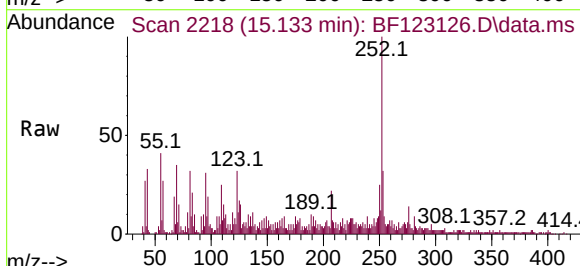
Delta R.T. -0.000 min

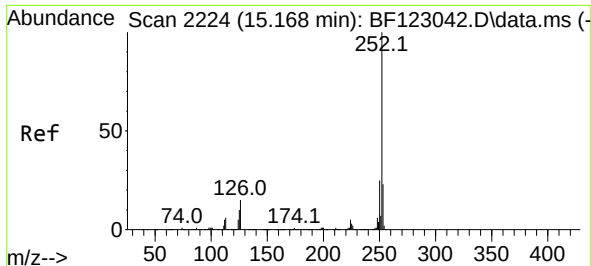
Lab File: BF123126.D

Acq: 4 Feb 2021 22:09

Tgt Ion:252 Resp: 155716

Ion	Ratio	Lower	Upper
252	100		
253	31.5	18.3	27.5#
125	17.4	8.1	12.1#

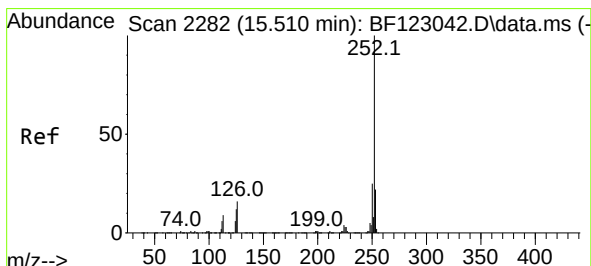
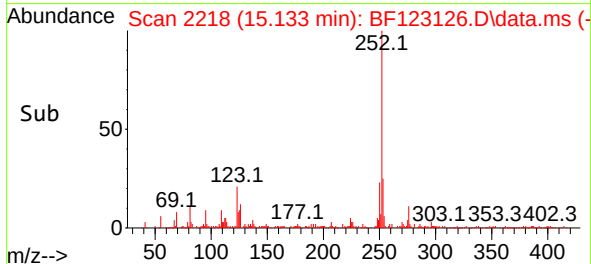
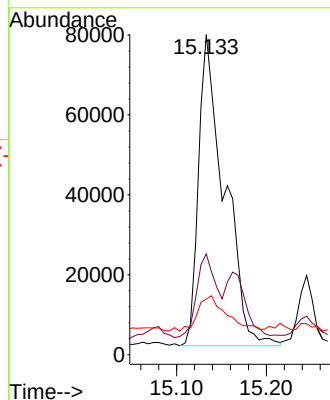
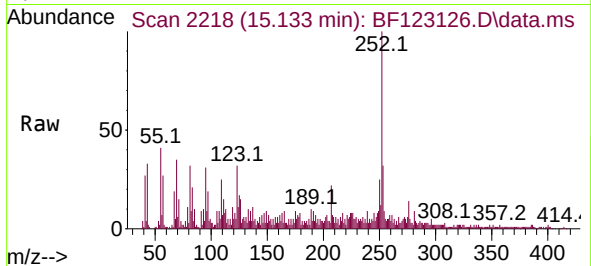




#89
Benzo(k)fluoranthene
Concen: 5.20 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.035 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

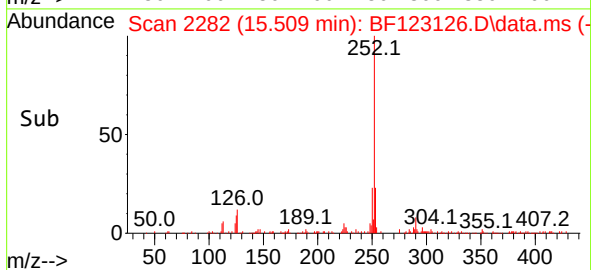
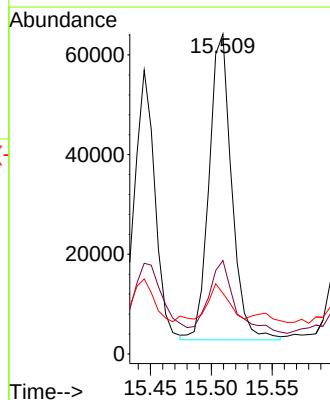
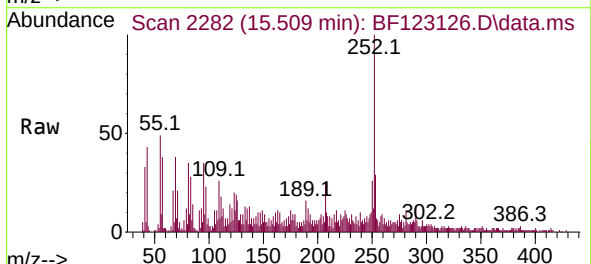
Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1

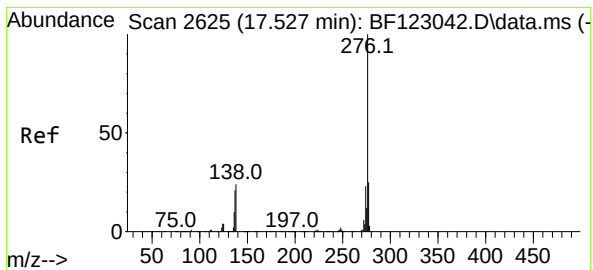
Tgt Ion:252 Resp: 155716
Ion Ratio Lower Upper
252 100
253 31.5 17.8 26.8#
125 17.4 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 2.80 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

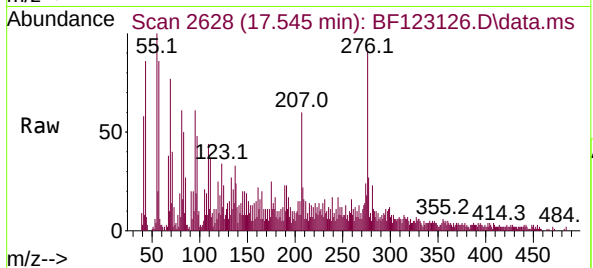
Tgt Ion:252 Resp: 79319
Ion Ratio Lower Upper
252 100
253 29.2 17.5 26.3#
125 18.9 8.6 12.8#





#92
Benzo(g,h,i)perylene
Concen: 2.24 ng
RT: 17.545 min Scan# 2628
Delta R.T. 0.018 min
Lab File: BF123126.D
Acq: 4 Feb 2021 22:09

Instrument :
BNA_F
ClientSampleId :
JJ_BH_02_0-1



Tgt Ion:276 Resp: 53101
Ion Ratio Lower Upper
276 100
277 30.1 19.3 28.9#
138 27.0 16.6 24.8#

