

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128860.D
 Acq On : 17 Jun 2022 18:10
 Operator : CG\JU
 Sample : N3367-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJS-LB-02-13.0-14.0RE

Quant Time: Jun 18 05:07:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

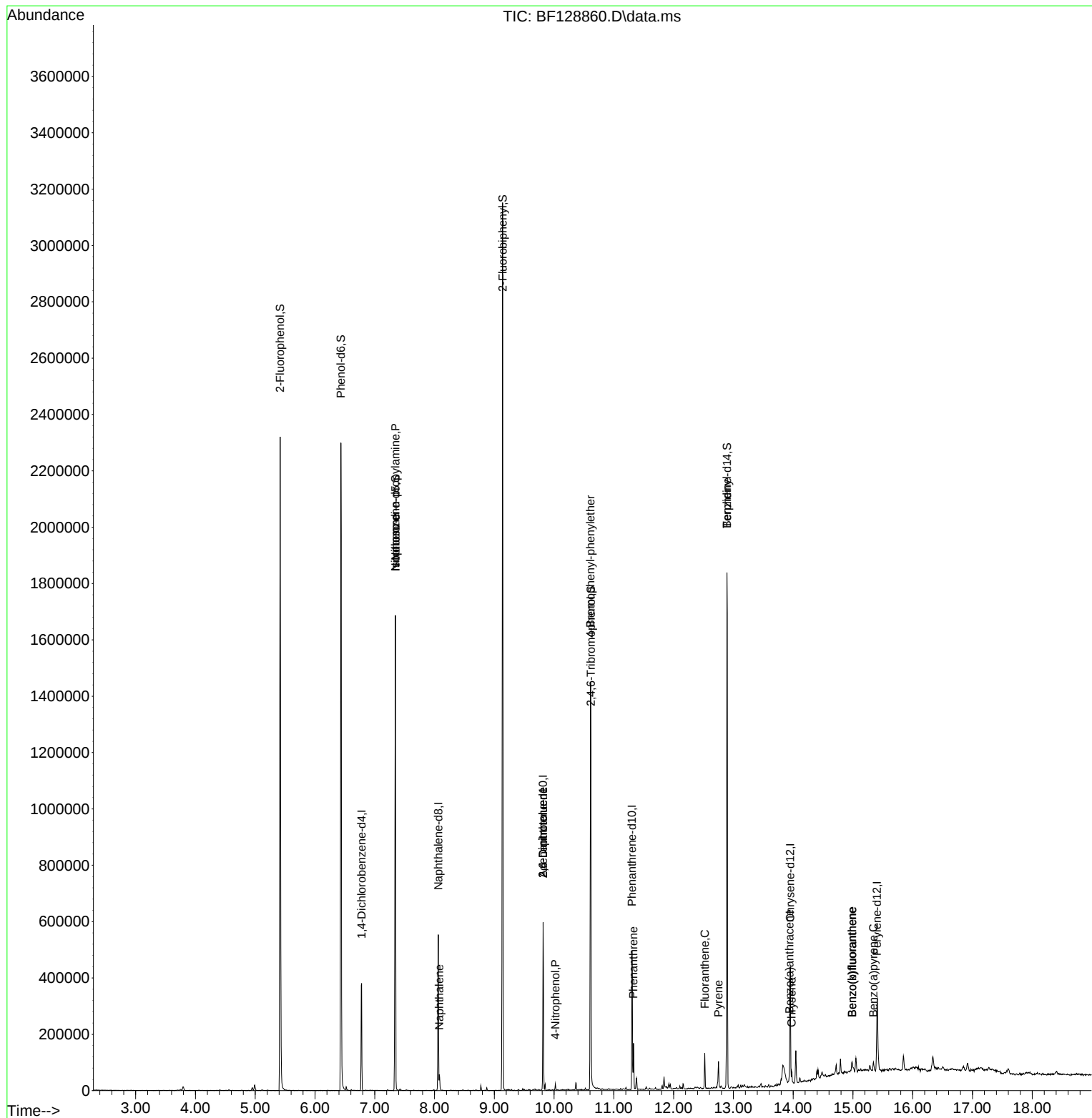
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	53389	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	207449	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	111329	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	169915	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	124259	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	113719	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	527112	157.261	ng	0.00
7) Phenol-d6	6.434	99	682320	166.766	ng	0.00
23) Nitrobenzene-d5	7.345	82	479032	107.511	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	174457	132.626	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	881389	110.901	ng	0.00
79) Terphenyl-d14	12.892	244	645988	90.335	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	67724	26.622	ng	# 76
25) Isophorone	7.345	82	479025	70.787	ng	# 65
31) Naphthalene	8.081	128	21364	2.007	ng	98
51) 2,6-Dinitrotoluene	9.816	165	14840	9.867	ng	# 25
56) 4-Nitrophenol	10.022	139	2835	2.396	ng	# 11
57) 2,4-Dinitrotoluene	9.816	165	14840	7.393	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	11485	6.061	ng	# 1
71) Phenanthrene	11.327	178	53153	6.237	ng	98
75) Fluoranthene	12.522	202	45103	5.063	ng	95
77) Benzidine	12.892	184	8781	3.545	ng	# 90
78) Pyrene	12.751	202	38253	4.138	ng	100
81) Benzo(a)anthracene	13.939	228	19238	2.484	ng	98
83) Chrysene	13.974	228	16765	2.270	ng	95
88) Benzo(b)fluoranthene	14.986	252	25724	3.540	ng	96
89) Benzo(k)fluoranthene	14.986	252	25724	3.763	ng	96
90) Benzo(a)pyrene	15.345	252	14417	2.524	ng	# 96

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

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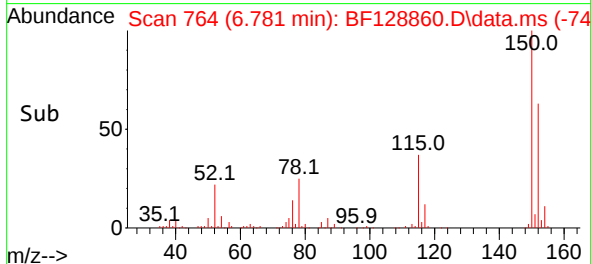
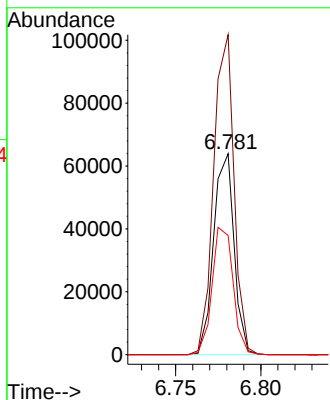
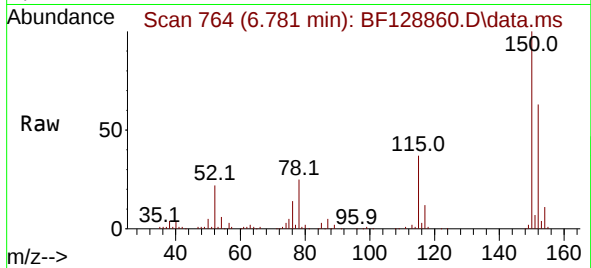




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

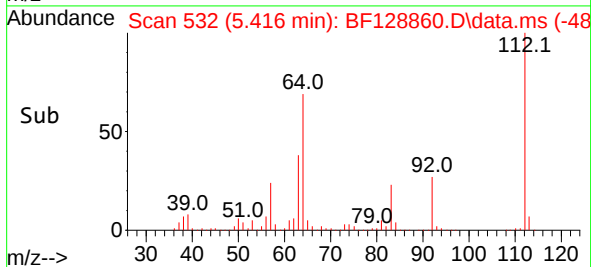
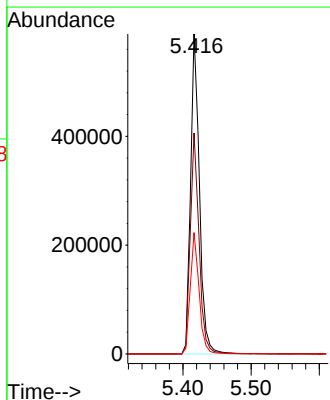
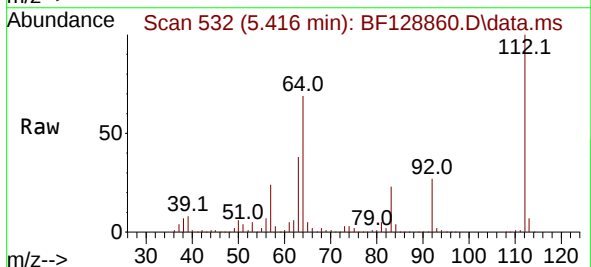
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

Tgt Ion:152 Resp: 53389
Ion Ratio Lower Upper
152 100
150 159.2 123.7 185.5
115 59.3 49.9 74.9



#5
2-Fluorophenol
Concen: 157.261 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:112 Resp: 527112
Ion Ratio Lower Upper
112 100
64 69.1 53.3 79.9
63 38.0 28.0 42.0

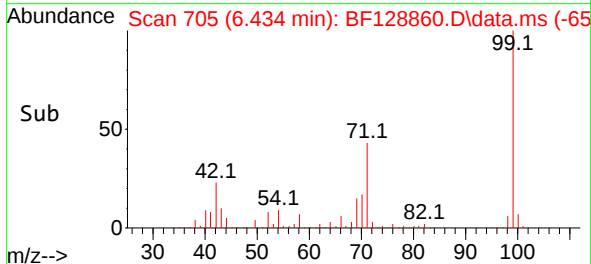
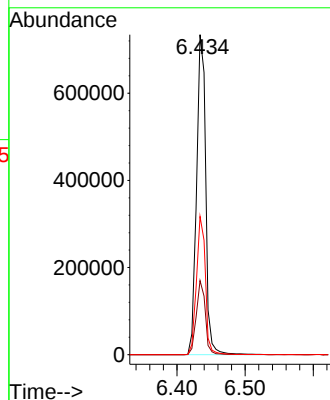
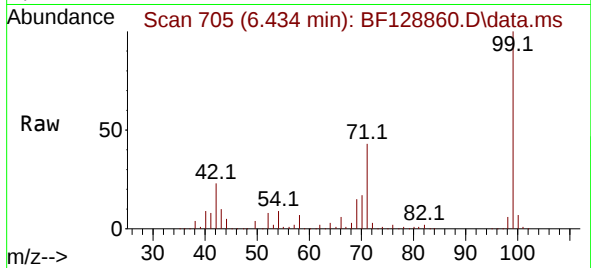




#7
Phenol-d6
Concen: 166.766 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

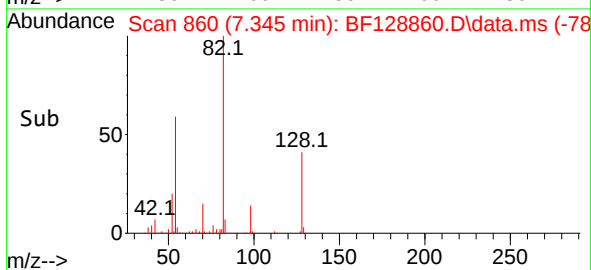
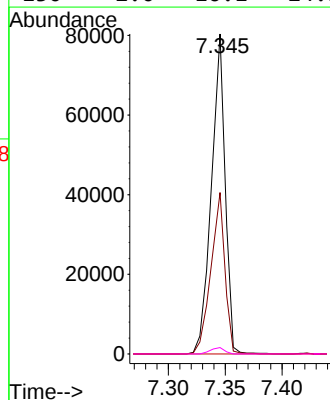
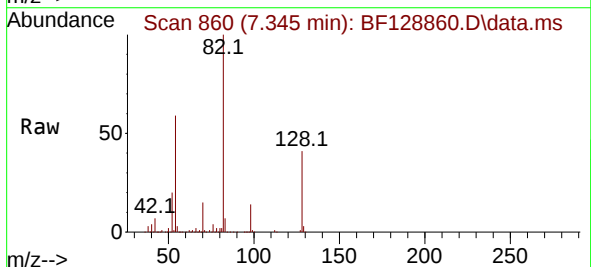
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

Tgt Ion: 99 Resp: 682320
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 43.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 26.622 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

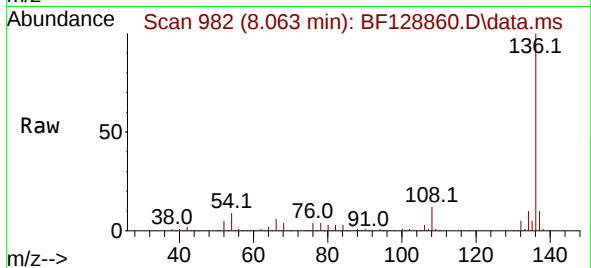
Tgt Ion: 70 Resp: 67724
Ion Ratio Lower Upper
70 100
42 50.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



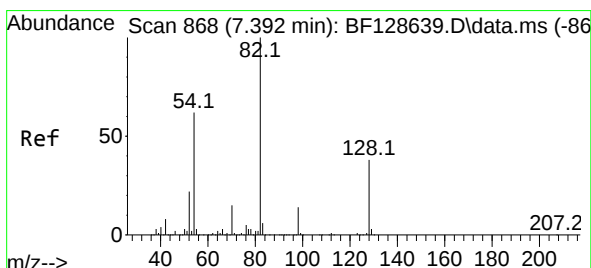
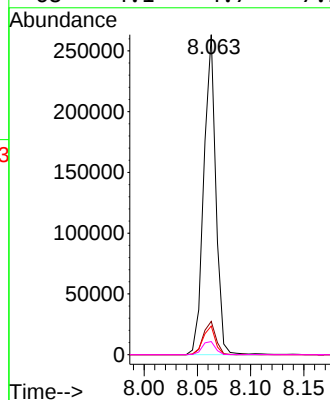
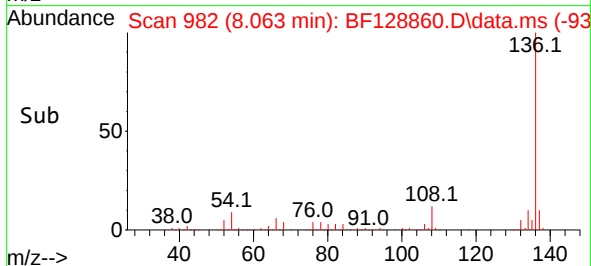


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

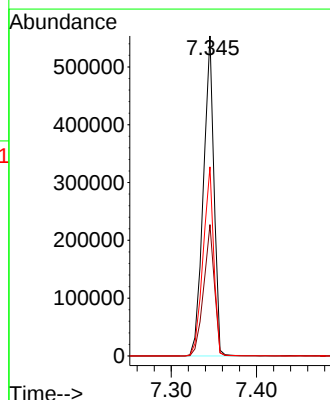
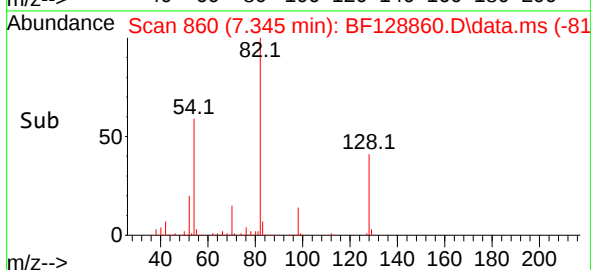
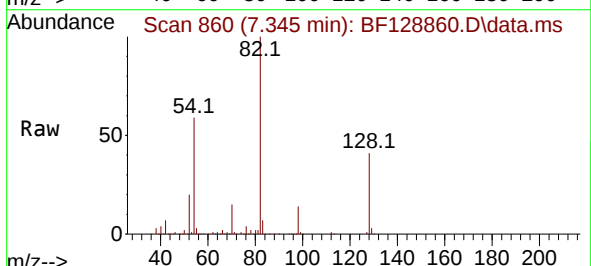


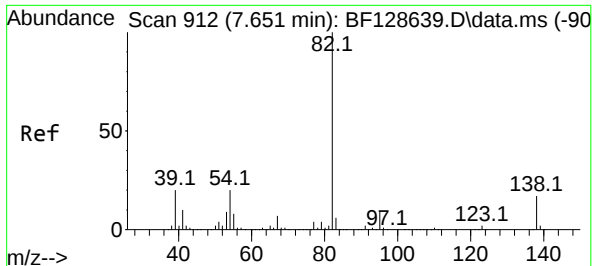
Tgt Ion:136 Resp: 207449
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.9 7.5 11.3
68 4.1 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 107.511 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion: 82 Resp: 479032
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 59.1 46.9 70.3

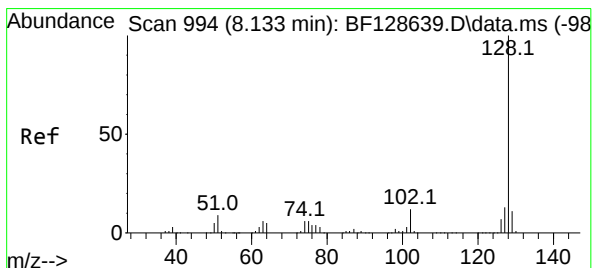
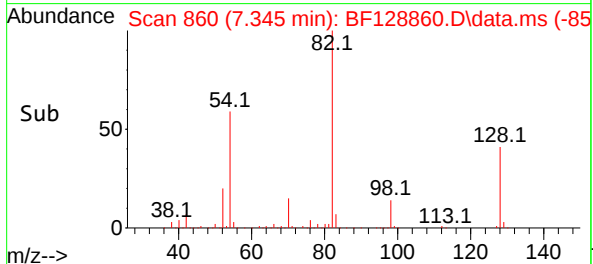
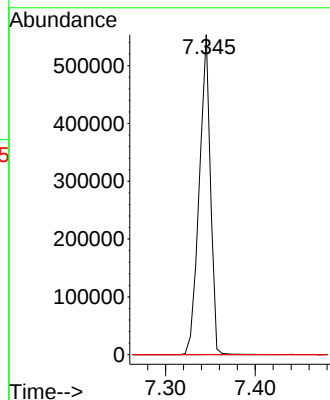
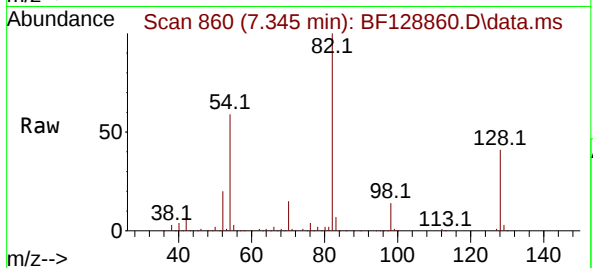




#25
Isophorone
Concen: 70.787 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

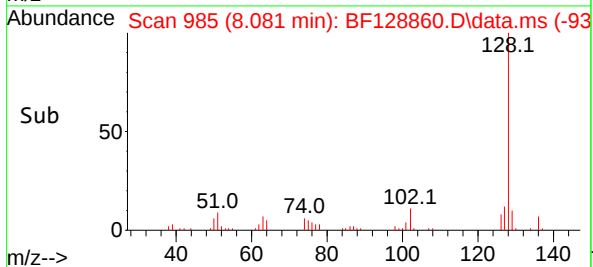
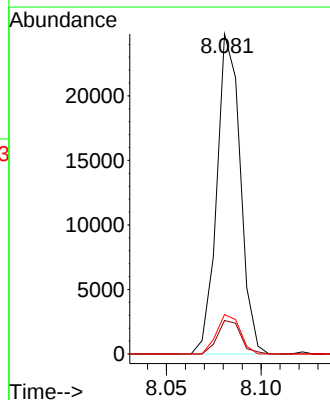
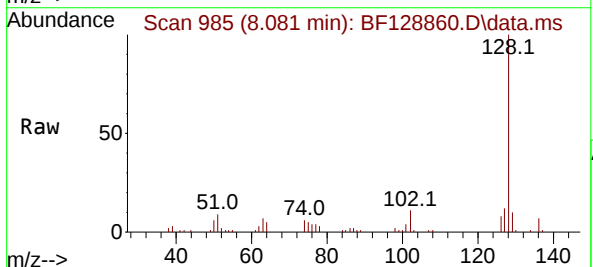
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

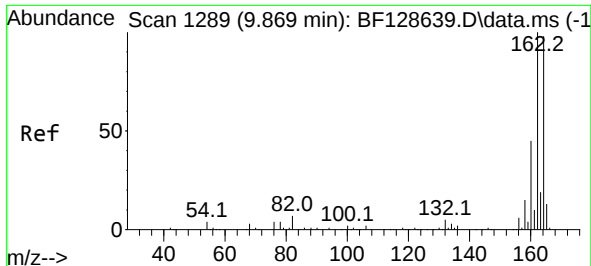
Tgt Ion: 82 Resp: 479025
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#31
Naphthalene
Concen: 2.007 ng
RT: 8.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion: 128 Resp: 21364
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 12.3 10.5 15.7

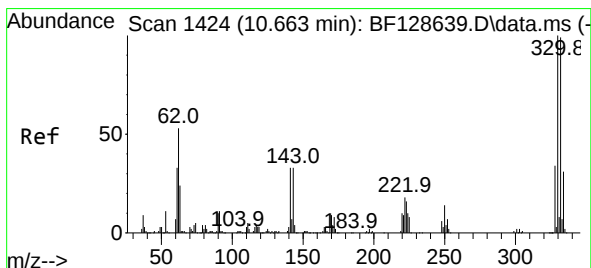
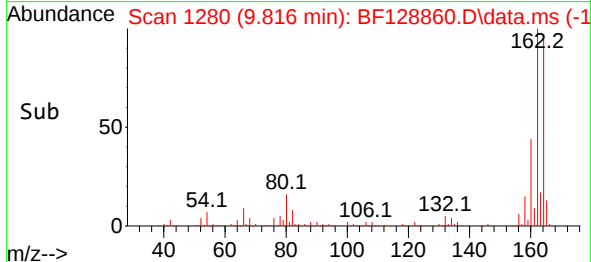
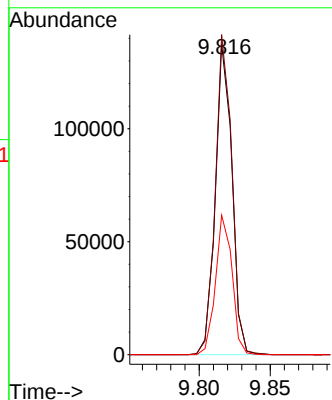
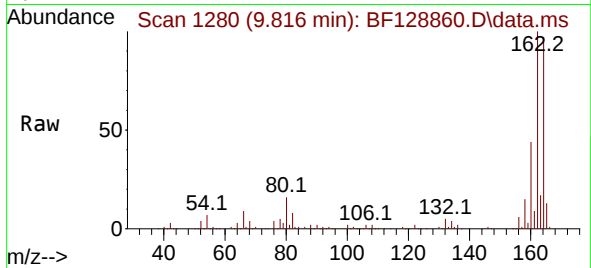




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

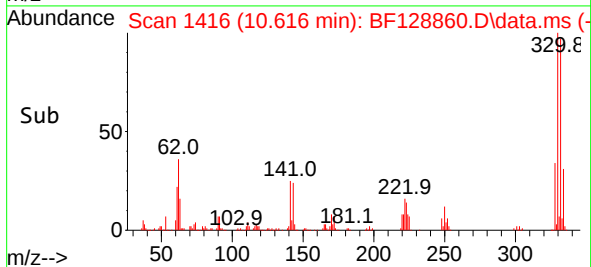
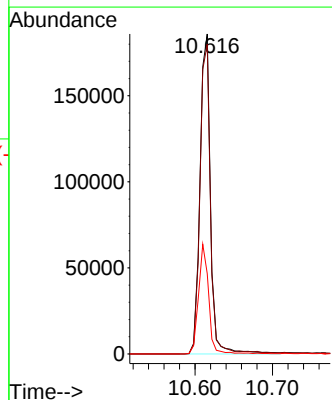
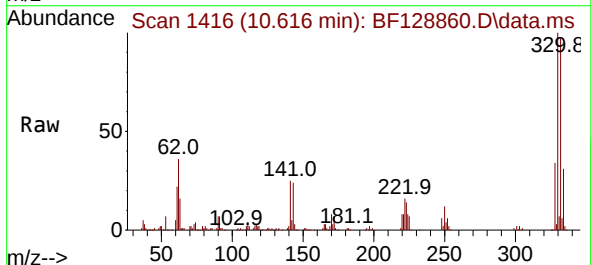
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ClientSampleId :
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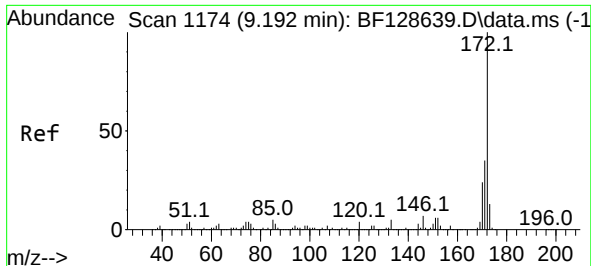
Tgt Ion:164 Resp: 111329
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 44.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 132.626 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:330 Resp: 174457
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 33.4 28.0 42.0

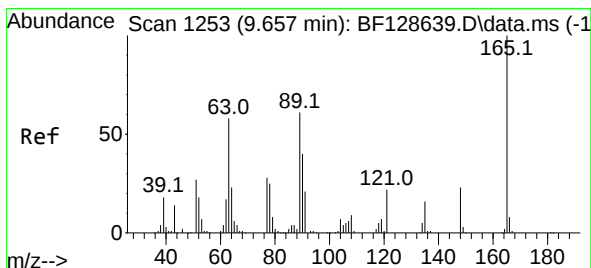
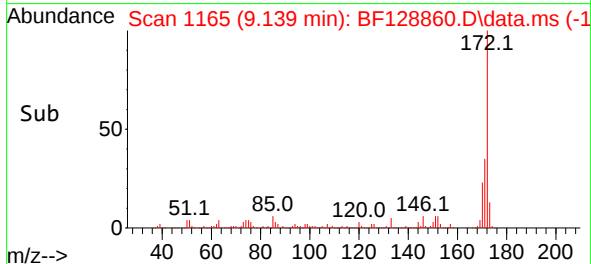
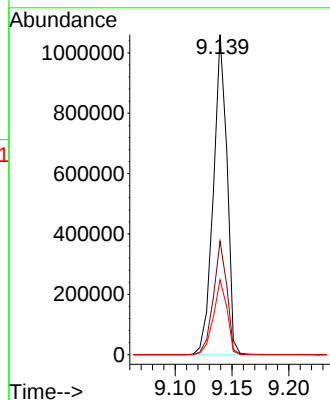
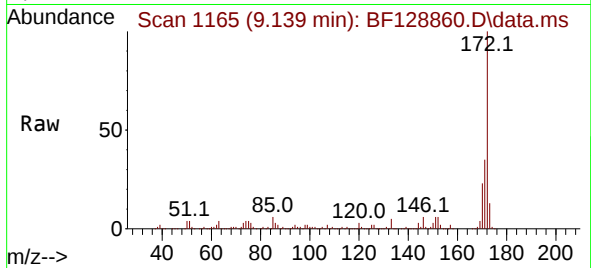




#45
2-Fluorobiphenyl
Concen: 110.901 ng
RT: 9.139 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

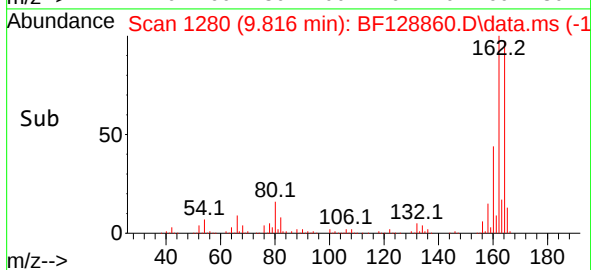
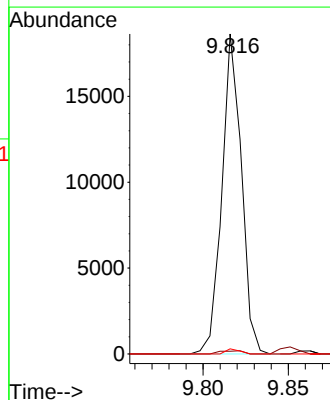
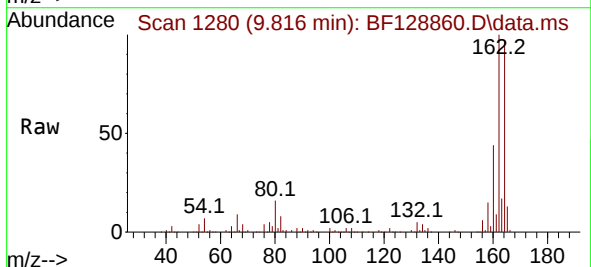
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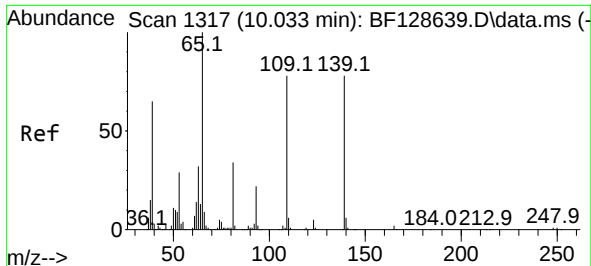
Tgt Ion:172 Resp: 881389
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 9.867 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.200 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:165 Resp: 14840
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.6 43.6 65.4#

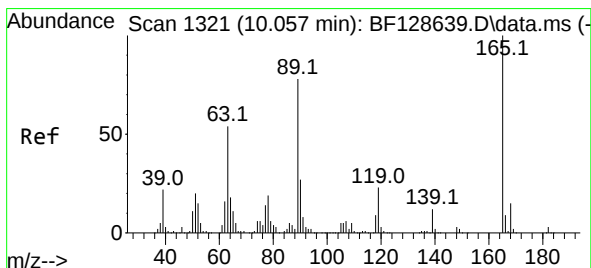
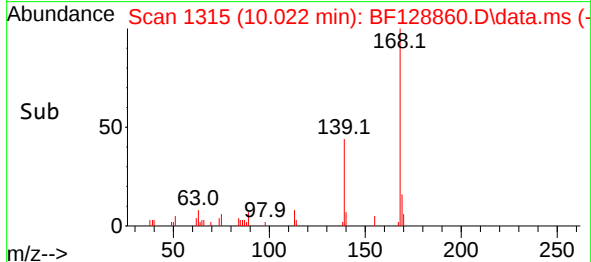
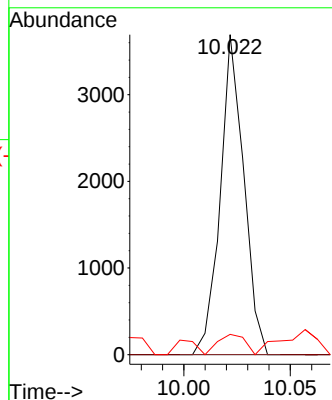
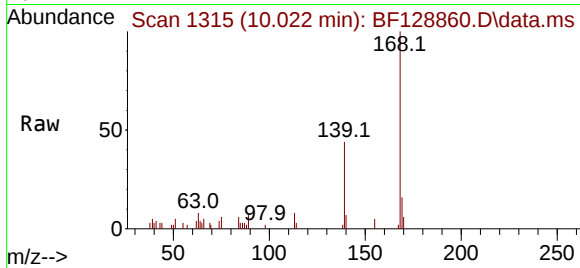




#56
4-Nitrophenol
Concen: 2.396 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

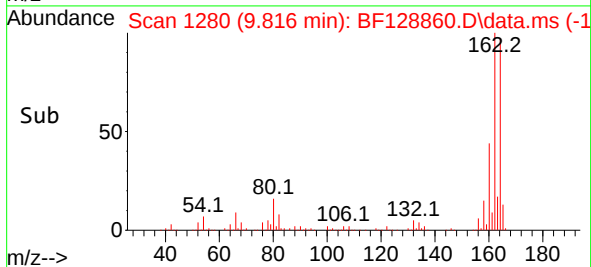
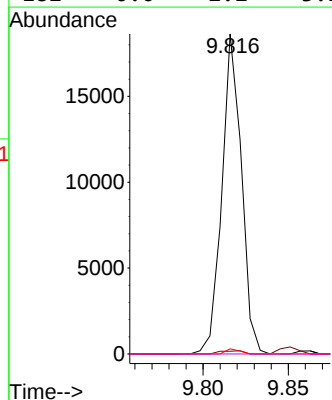
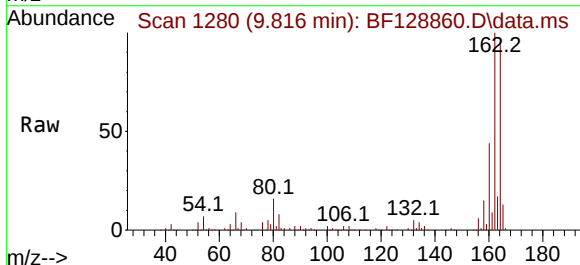
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

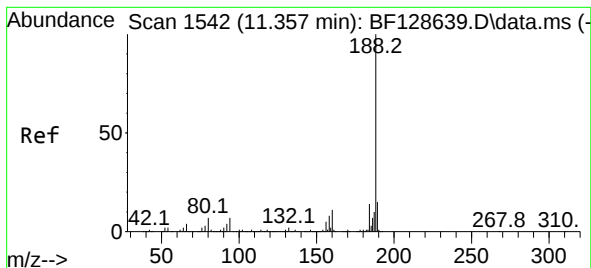
Tgt Ion:139 Resp: 2835
Ion Ratio Lower Upper
139 100
109 0.0 50.7 90.7#
65 6.3 74.5 114.5#



#57
2,4-Dinitrotoluene
Concen: 7.393 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:165 Resp: 14840
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128860.D

Acq: 17 Jun 2022 18:10

Instrument :

BNA_F

ClientSampleId :

MJS-LB-02-13.0-14.0RE

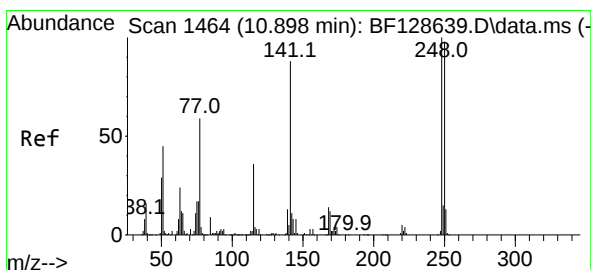
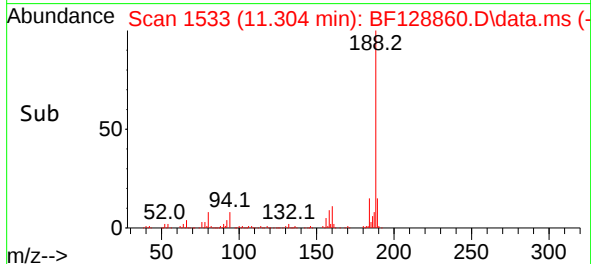
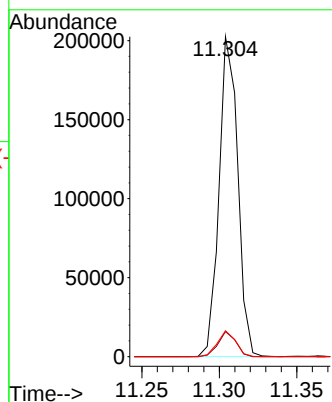
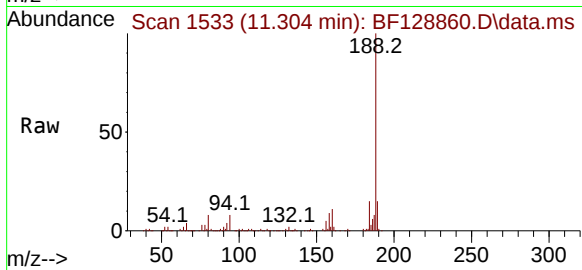
Tgt Ion:188 Resp: 169915

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 8.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 6.061 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.247 min

Lab File: BF128860.D

Acq: 17 Jun 2022 18:10

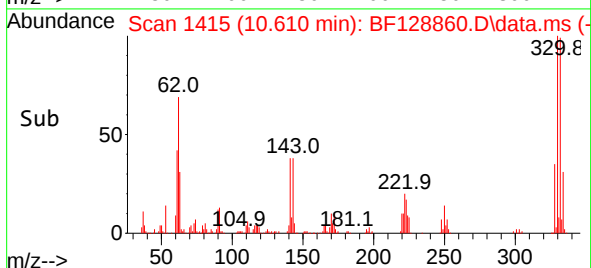
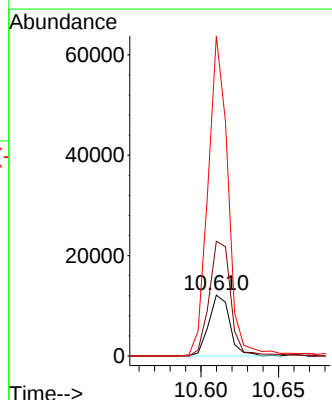
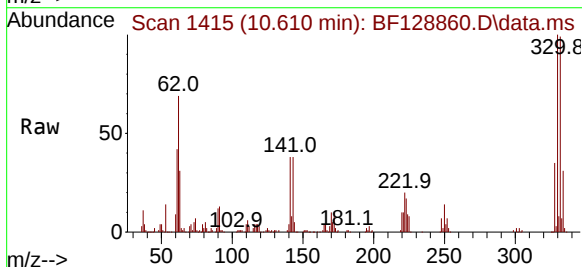
Tgt Ion:248 Resp: 11485

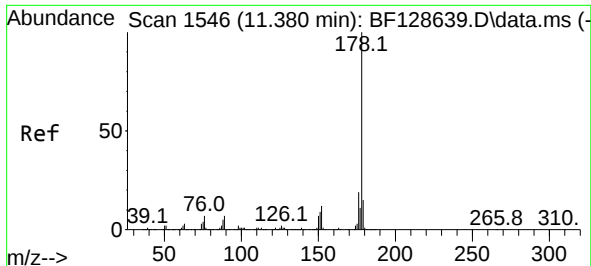
Ion Ratio Lower Upper

248 100

250 188.9 80.6 120.8#

141 526.6 58.9 88.3#

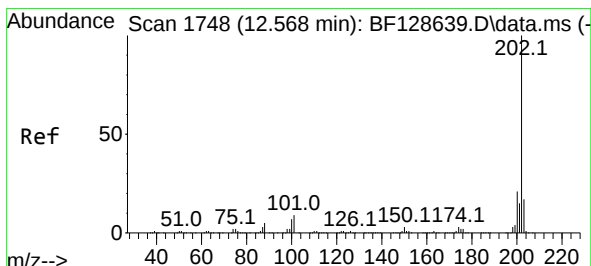
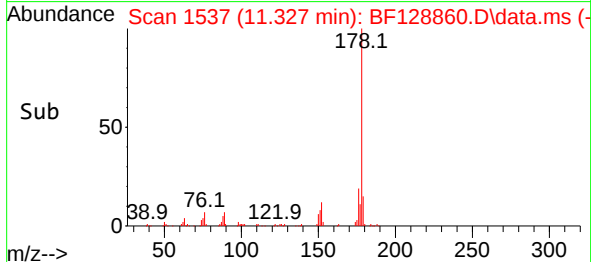
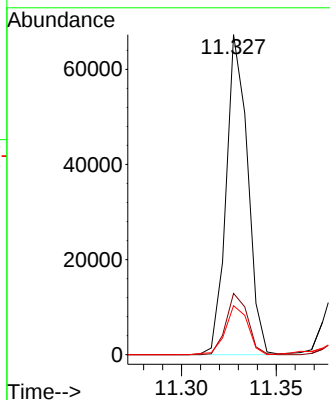
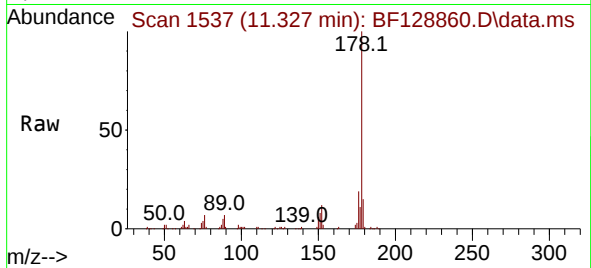




#71
Phenanthrene
Concen: 6.237 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

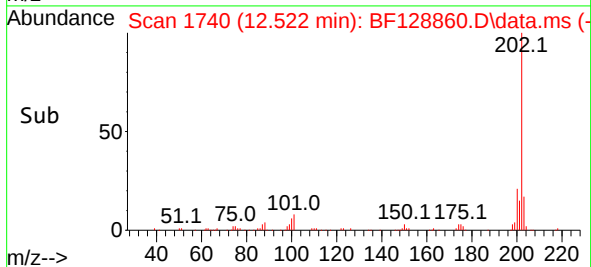
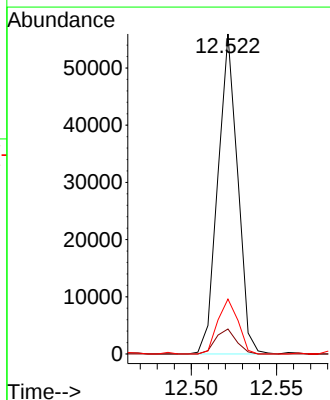
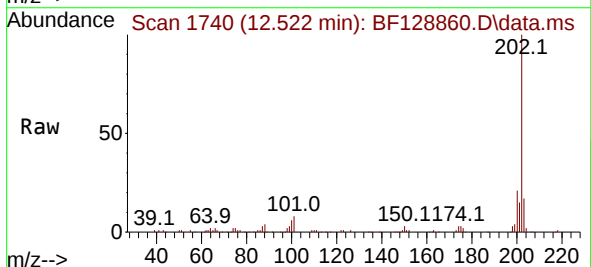
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

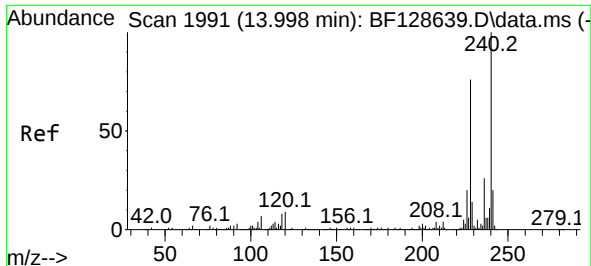
Tgt Ion:178 Resp: 53153
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.3 12.6 19.0



#75
Fluoranthene
Concen: 5.063 ng
RT: 12.522 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:202 Resp: 45103
Ion Ratio Lower Upper
202 100
101 7.8 0.0 31.4
203 17.2 0.0 38.0

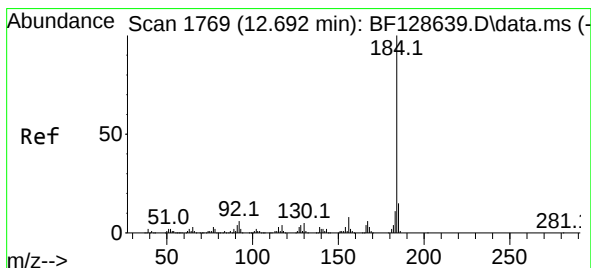
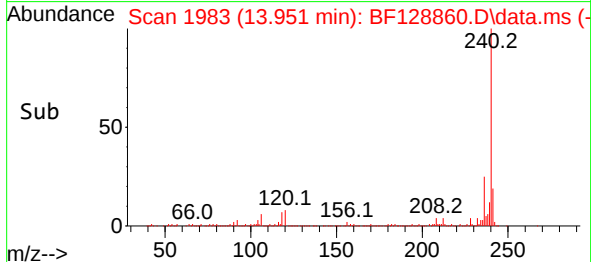
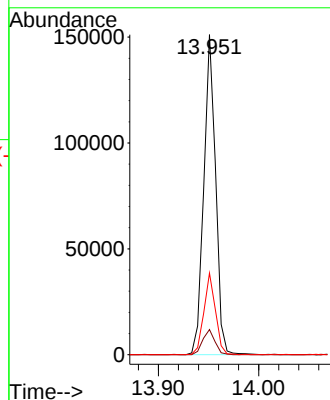
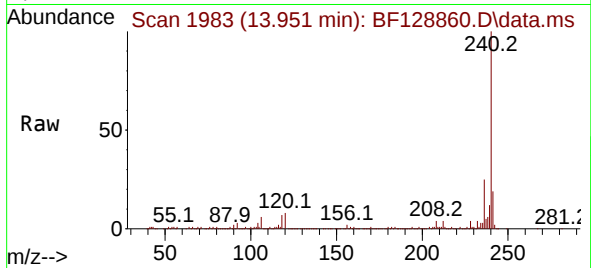




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

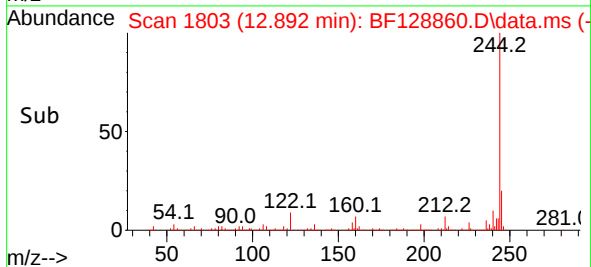
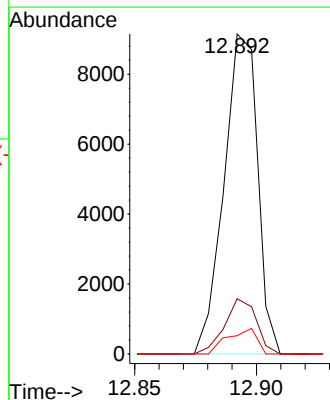
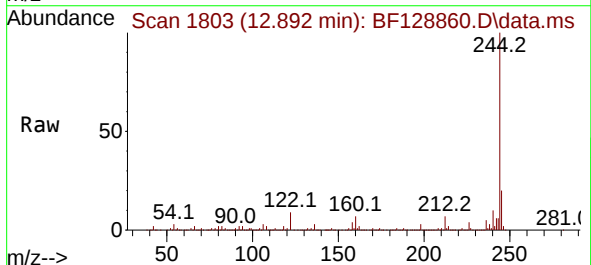
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

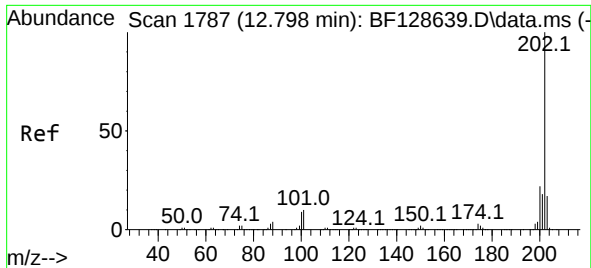
Tgt Ion:240 Resp: 124259
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 3.545 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.241 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:184 Resp: 8781
Ion Ratio Lower Upper
184 100
185 17.2 11.9 17.9
183 5.7 9.3 13.9#

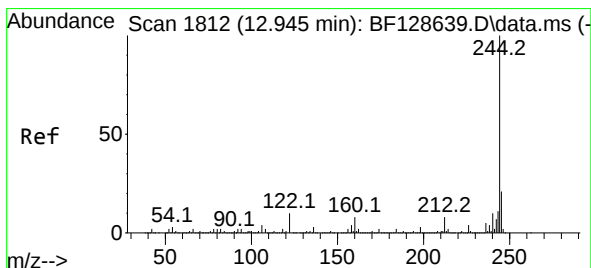
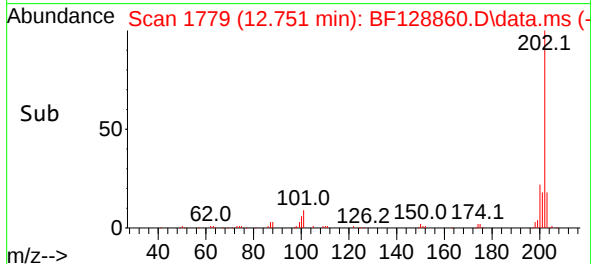
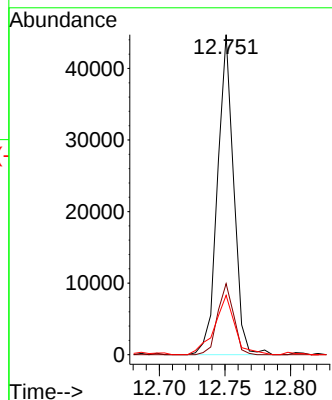
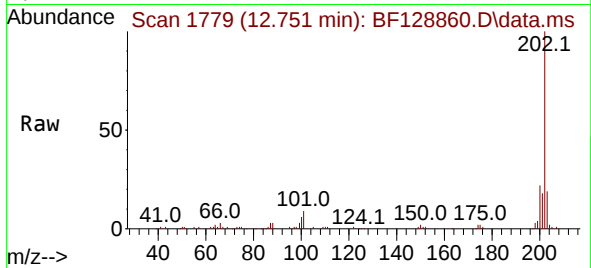




#78
Pyrene
Concen: 4.138 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

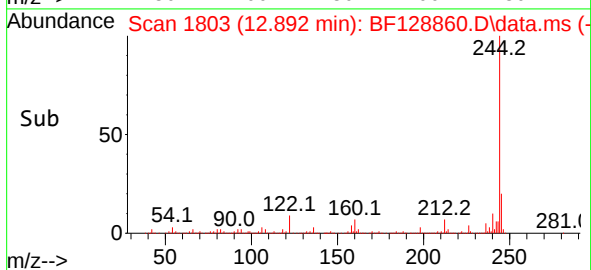
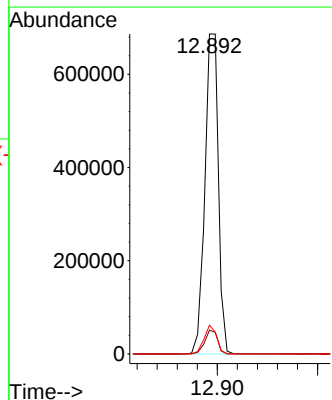
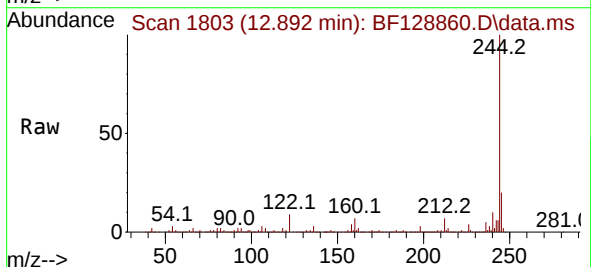
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

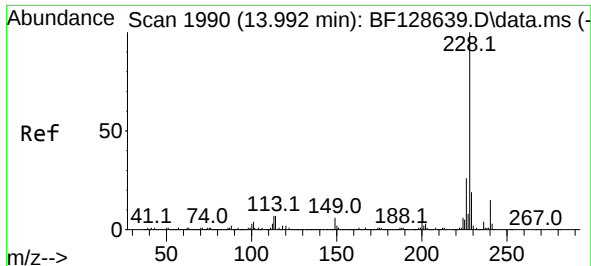
Tgt Ion:202 Resp: 38253
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.6 14.6 21.8



#79
Terphenyl-d14
Concen: 90.335 ng
RT: 12.892 min Scan# 1803
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:244 Resp: 645988
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.0 8.8 13.2

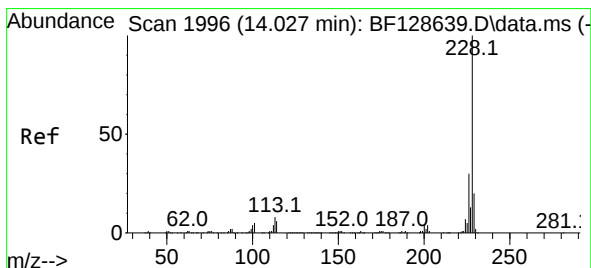
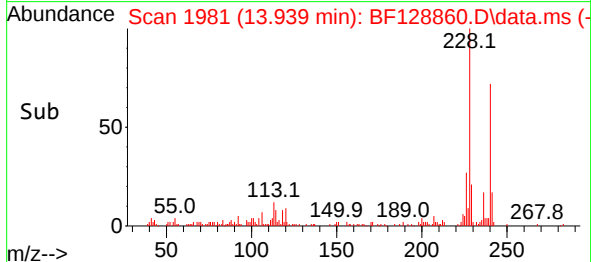
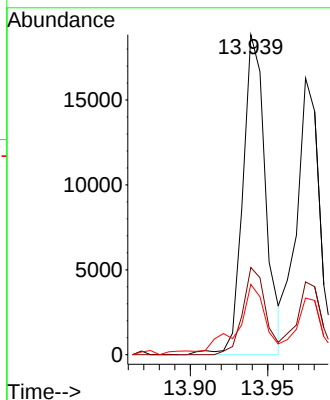
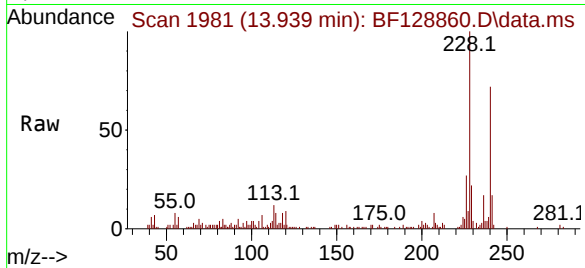




#81
Benzo(a)anthracene
Concen: 2.484 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

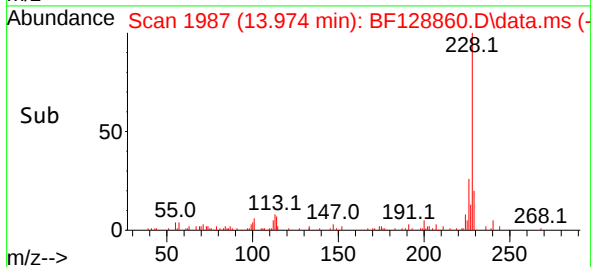
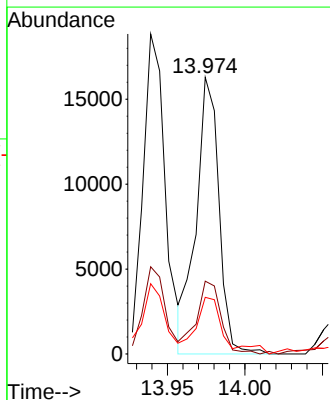
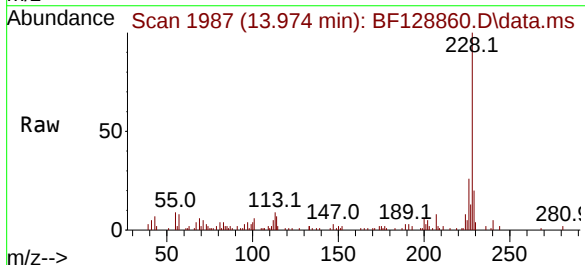
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

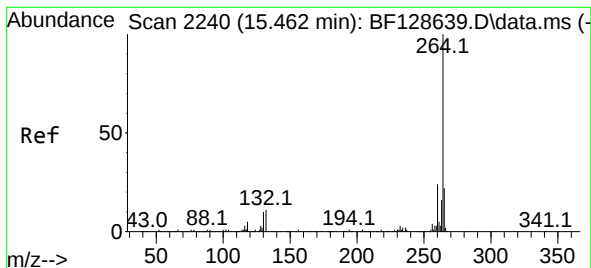
Tgt Ion:228 Resp: 19238
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 21.9 15.8 23.8



#83
Chrysene
Concen: 2.270 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:228 Resp: 16765
Ion Ratio Lower Upper
228 100
226 26.3 24.3 36.5
229 20.5 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128860.D

Acq: 17 Jun 2022 18:10

Instrument :

BNA_F

ClientSampleId :

MJS-LB-02-13.0-14.0RE

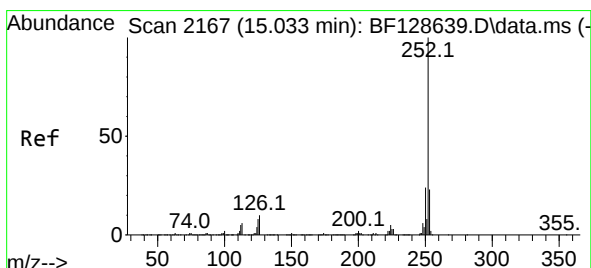
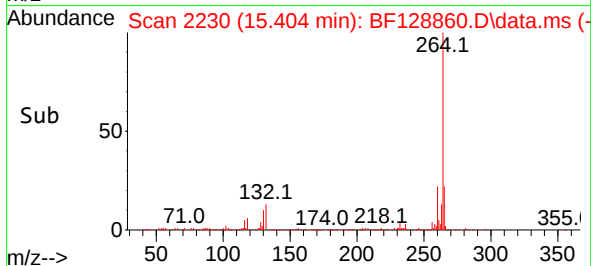
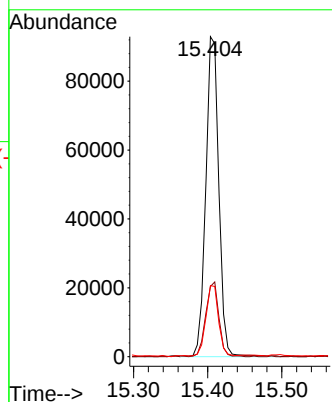
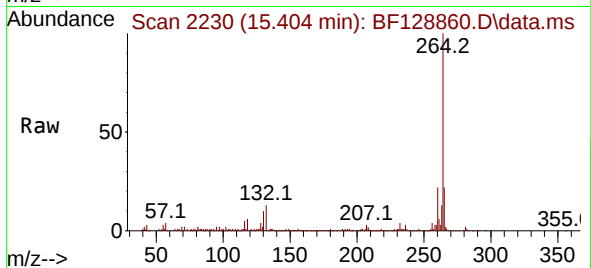
Tgt Ion:264 Resp: 113719

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

265 22.2 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.540 ng

RT: 14.986 min Scan# 2159

Delta R.T. -0.006 min

Lab File: BF128860.D

Acq: 17 Jun 2022 18:10

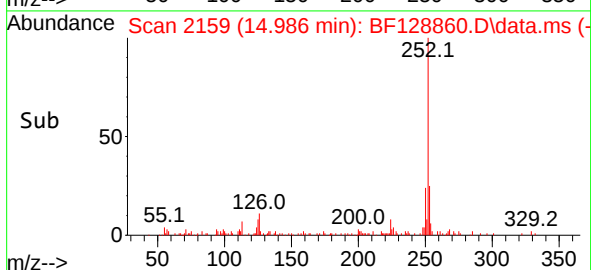
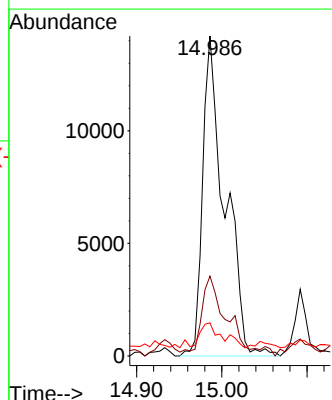
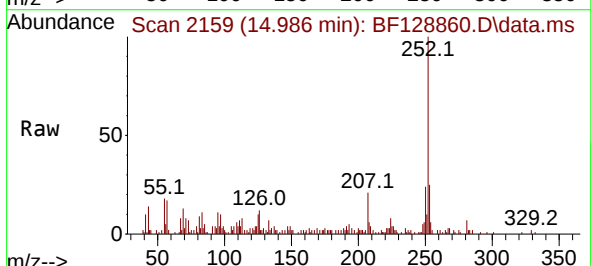
Tgt Ion:252 Resp: 25724

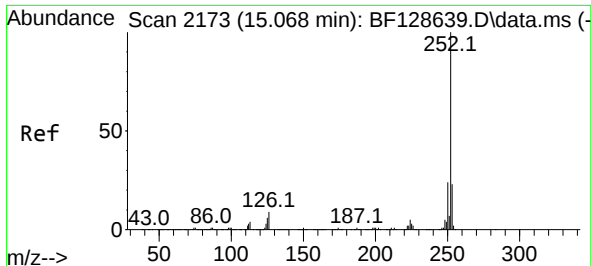
Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

125 10.3 8.0 12.0

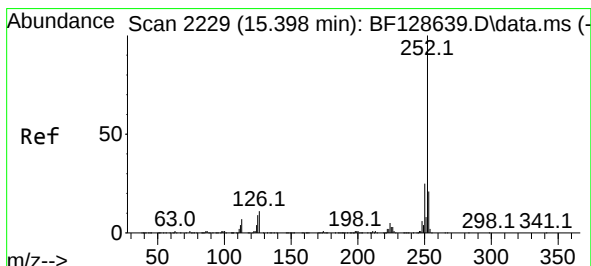
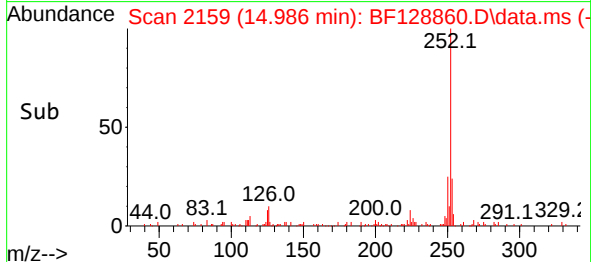
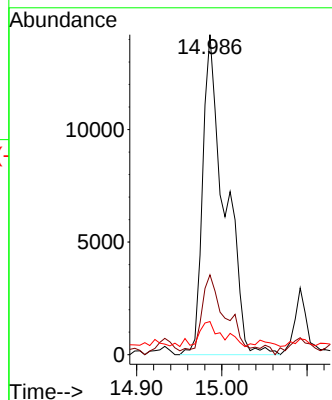
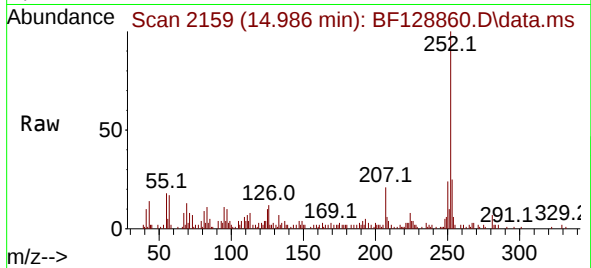




#89
Benzo(k)fluoranthene
Concen: 3.763 ng
RT: 14.986 min Scan# 2173
Delta R.T. -0.041 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE

Tgt Ion:252 Resp: 25724
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.6
125 10.3 8.3 12.5



#90
Benzo(a)pyrene
Concen: 2.524 ng
RT: 15.345 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:252 Resp: 14417
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 8.4 8.8 13.2#

