

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102422\
 Data File : BF130759.D
 Acq On : 24 Oct 2022 13:54
 Operator : CG\JU
 Sample : N5217-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-I1-COMP

Quant Time: Oct 24 23:22:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

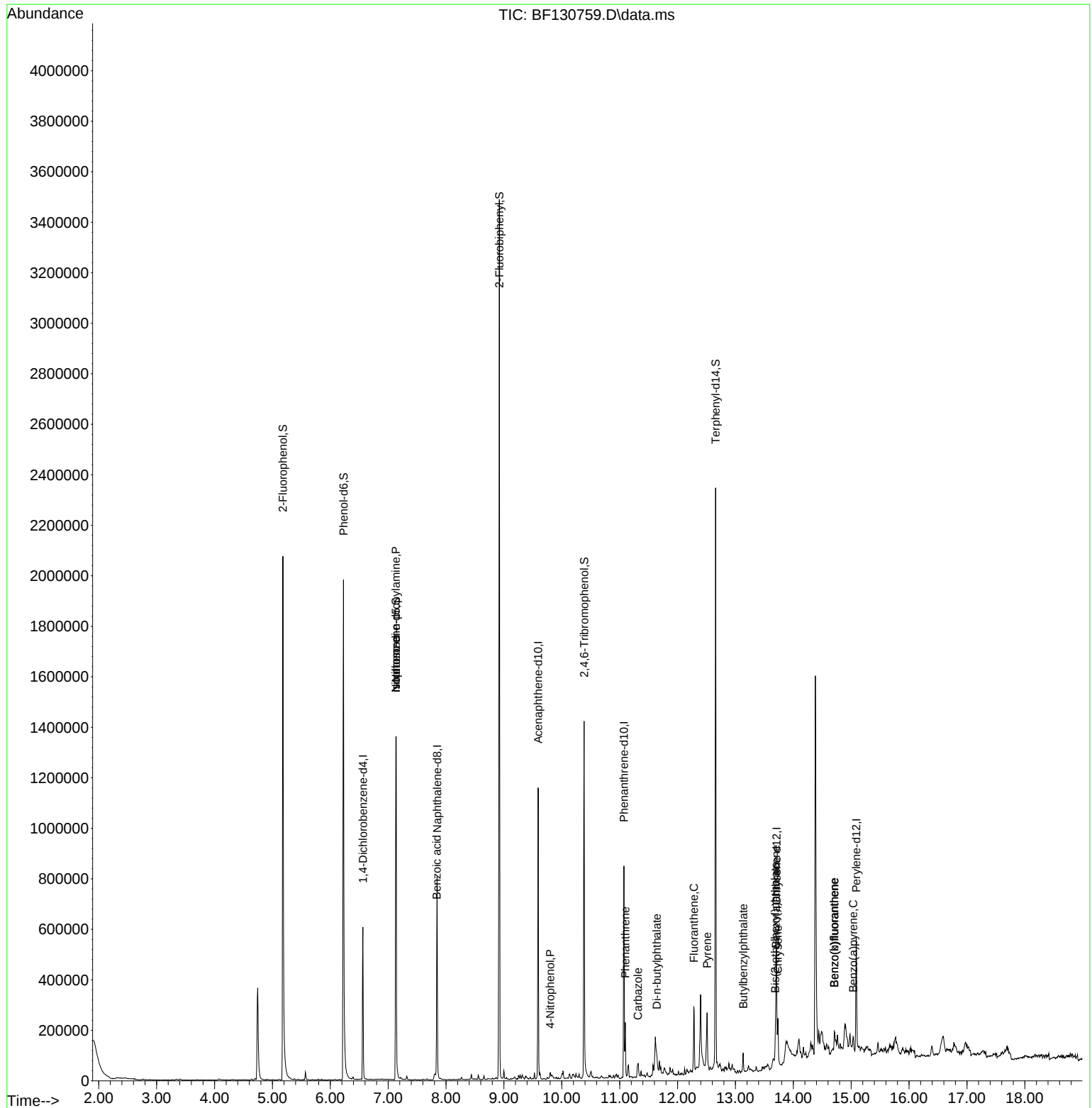
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	89289	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	343964	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	205122	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	289890	20.000	ng	0.00
76) Chrysene-d12	13.710	240	144940	20.000	ng	# 0.00
86) Perylene-d12	15.086	264	177199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	641156	123.824	ng	0.02
7) Phenol-d6	6.228	99	749248	119.595	ng	0.00
23) Nitrobenzene-d5	7.134	82	511784	78.930	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	170327	87.316	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	973799	72.347	ng	0.00
79) Terphenyl-d14	12.657	244	719881	83.699	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	67597	15.968	ng	# 79
25) Isophorone	7.134	82	511780	47.905	ng	# 65
32) Benzoic acid	7.839	122	117	6.049	ng	# 1
56) 4-Nitrophenol	9.798	139	3152	9.620	ng	# 11
71) Phenanthrene	11.098	178	78249	4.922	ng	100
73) Carbazole	11.316	167	39024	2.664	ng	98
74) Di-n-butylphthalate	11.639	149	42787	2.375	ng	# 99
75) Fluoranthene	12.280	202	123149	7.663	ng	97
77) Benzidine	12.657	184	10064	Below Cal		# 93
78) Pyrene	12.510	202	108025	8.879	ng	100
80) Butylbenzylphthalate	13.133	149	20283	4.202	ng	97
81) Benzo(a)anthracene	13.698	228	65298	6.742	ng	98
83) Chrysene	13.733	228	60835	6.483	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	24539	4.291	ng	96
88) Benzo(b)fluoranthene	14.710	252	52511	4.451	ng	# 93
89) Benzo(k)fluoranthene	14.710	252	52511	4.430	ng	# 94
90) Benzo(a)pyrene	15.033	252	29074	3.068	ng	98

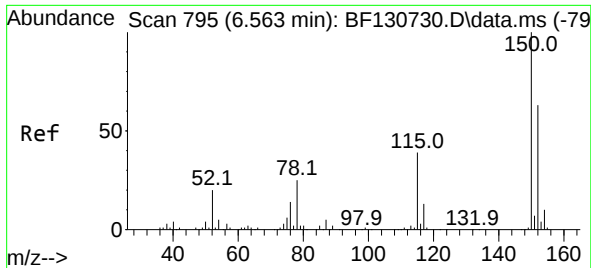
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102422\
Data File : BF130759.D
Acq On : 24 Oct 2022 13:54
Operator : CG\JU
Sample : N5217-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

Quant Time: Oct 24 23:22:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration

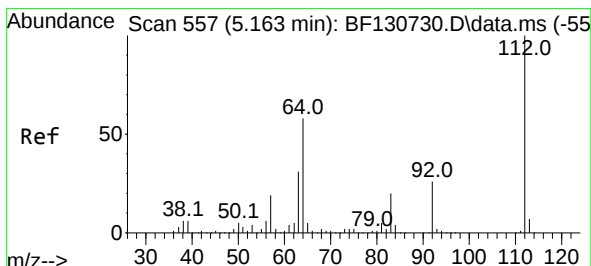
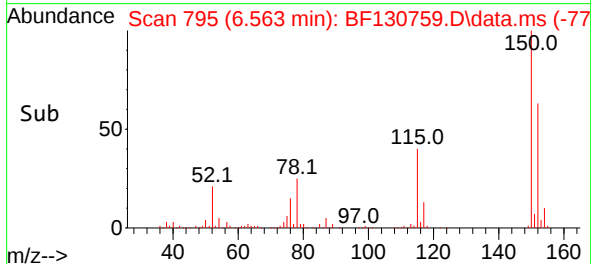
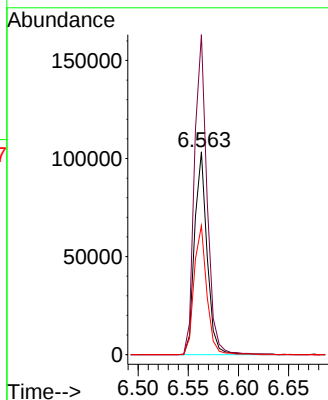
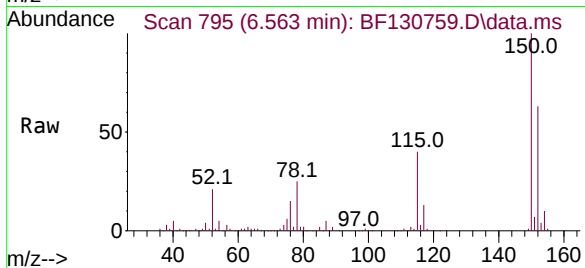




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

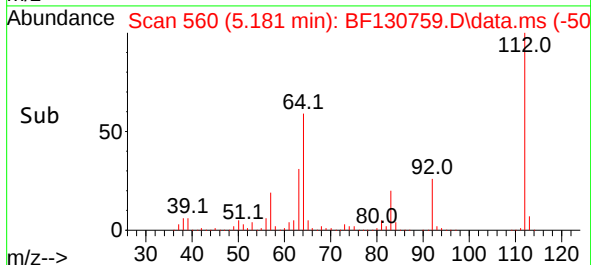
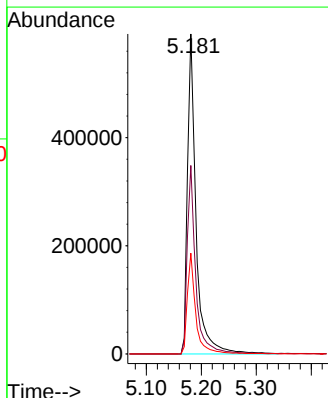
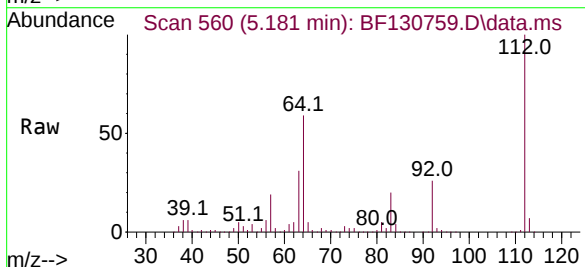
Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

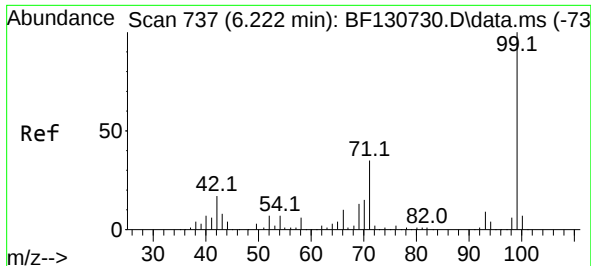
Tgt Ion:152 Resp: 89289
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 123.824 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Tgt Ion:112 Resp: 641156
Ion Ratio Lower Upper
112 100
64 58.9 46.2 69.4
63 31.5 25.1 37.7

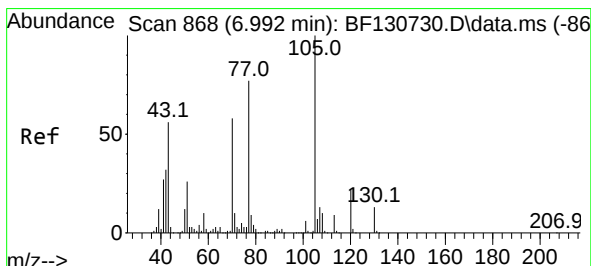
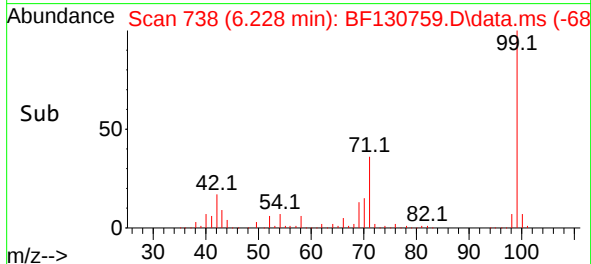
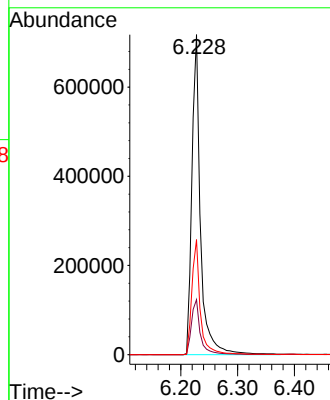
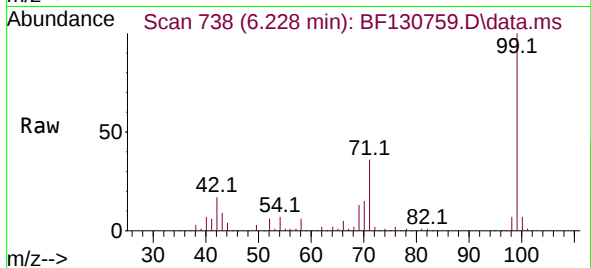




#7
Phenol-d6
Concen: 119.595 ng
RT: 6.228 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

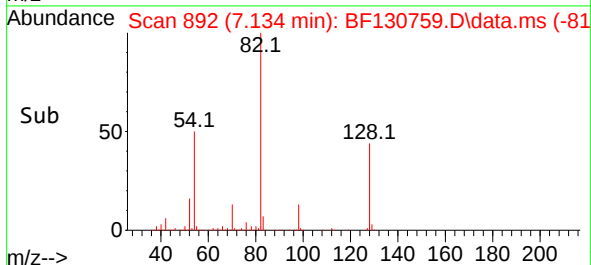
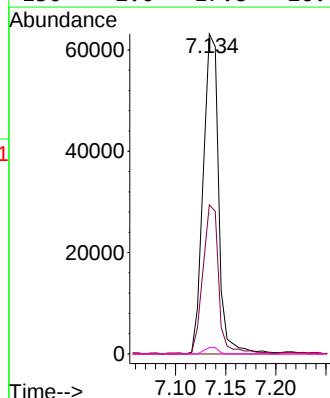
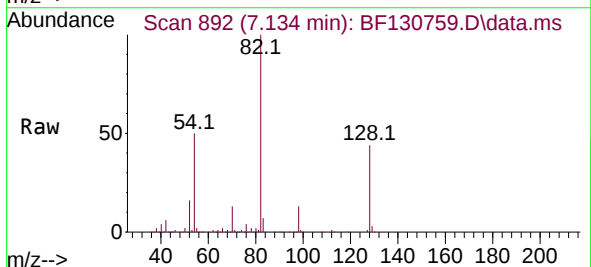
Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

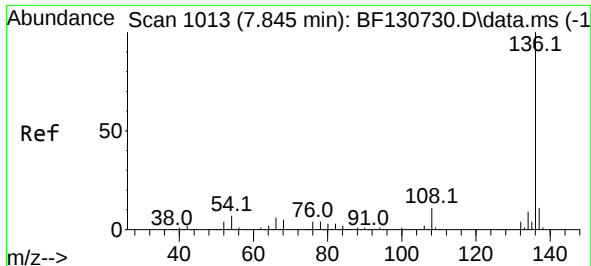
Tgt Ion: 99 Resp: 749248
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 35.9 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.968 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

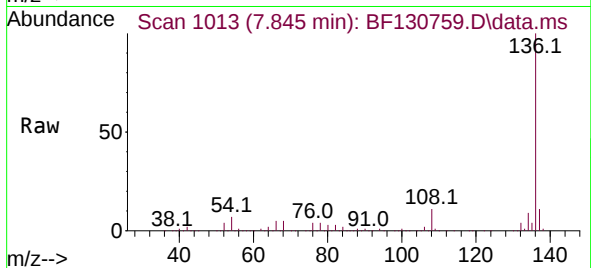
Tgt Ion: 70 Resp: 67597
Ion Ratio Lower Upper
70 100
42 46.6 44.1 66.1
101 0.0 8.3 12.5#
130 2.0 17.8 26.6#



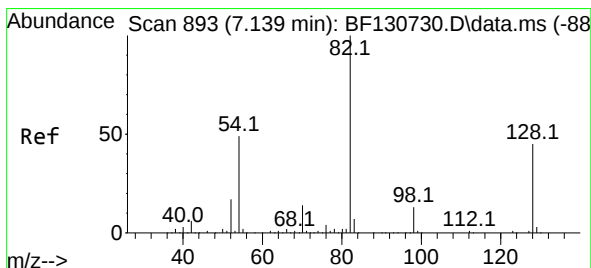
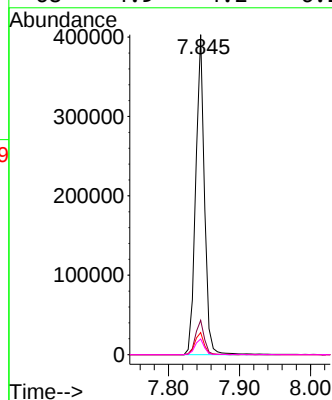
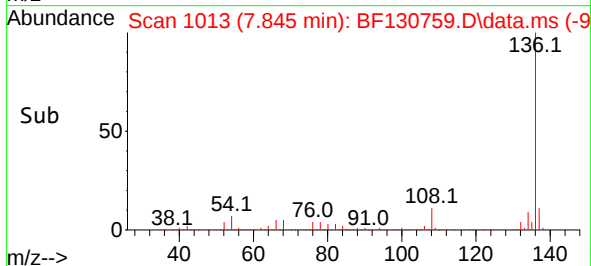


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

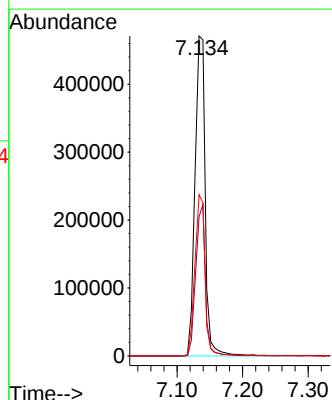
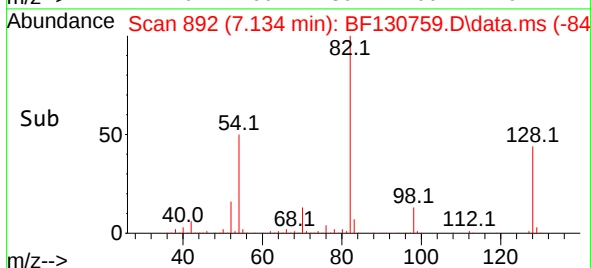
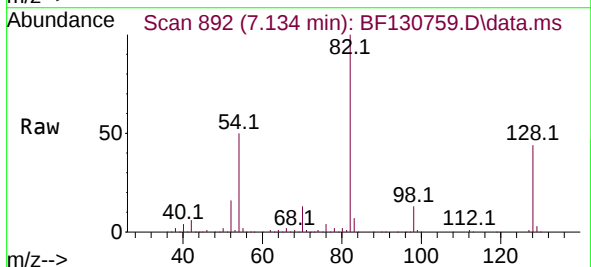


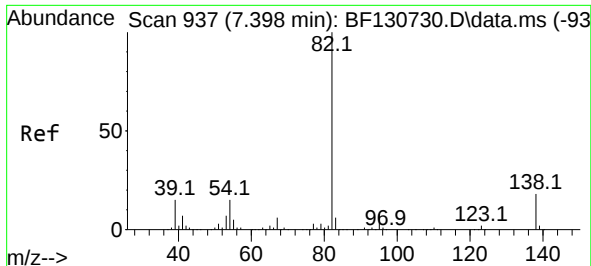
Tgt Ion:136 Resp: 343964
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.9 5.8 8.8
68 4.9 4.2 6.2



#23
Nitrobenzene-d5
Concen: 78.930 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Tgt Ion: 82 Resp: 511784
Ion Ratio Lower Upper
82 100
128 43.5 35.9 53.9
54 50.4 39.2 58.8

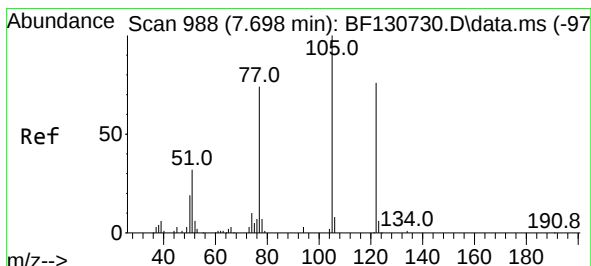
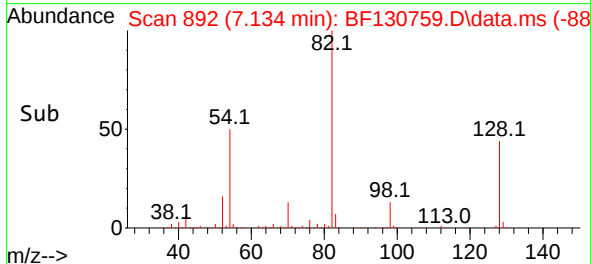
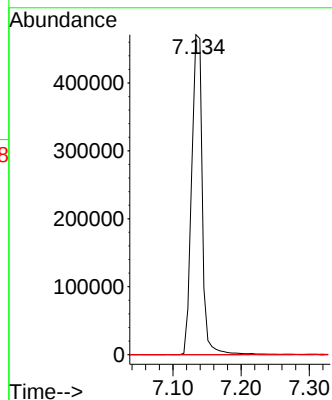
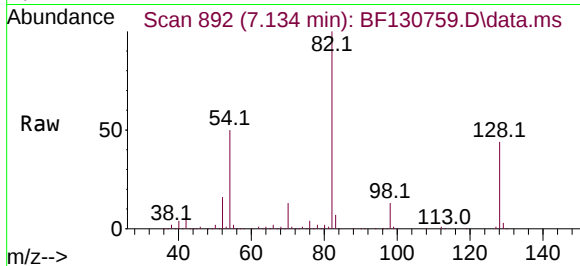




#25
Isophorone
Concen: 47.905 ng
RT: 7.134 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

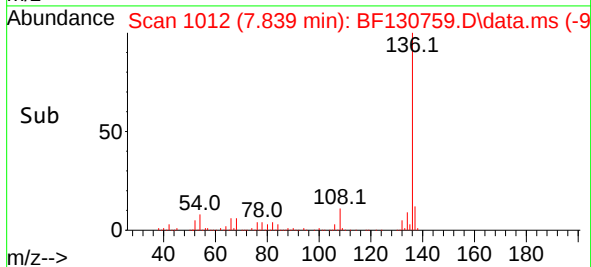
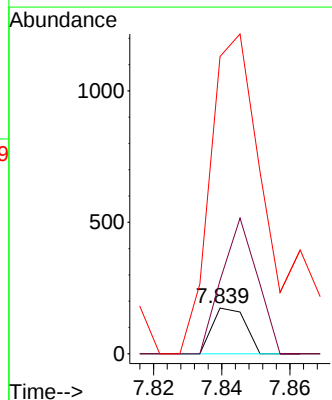
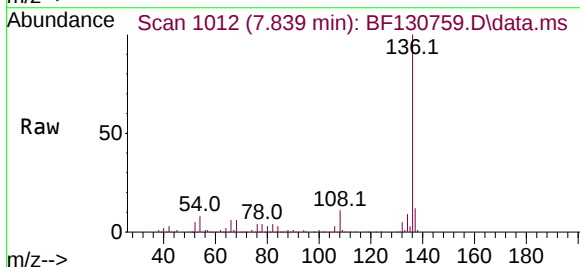
Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

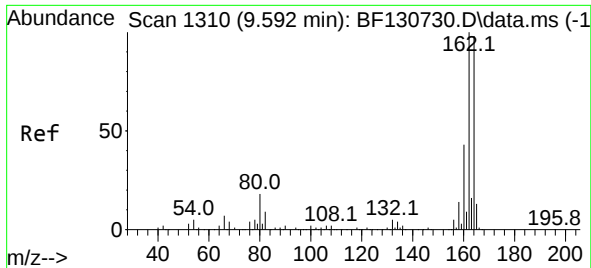
Tgt Ion: 82 Resp: 511780
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.049 ng
RT: 7.839 min Scan# 1012
Delta R.T. 0.141 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Tgt Ion: 122 Resp: 117
Ion Ratio Lower Upper
122 100
105 160.3 109.2 149.2#
77 650.0 75.7 115.7#

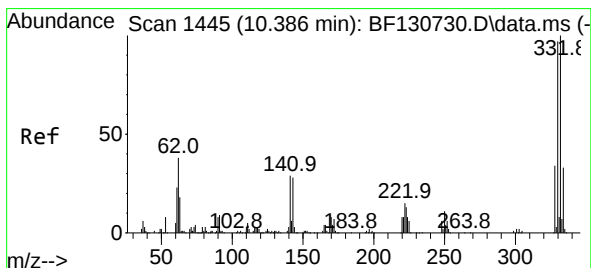
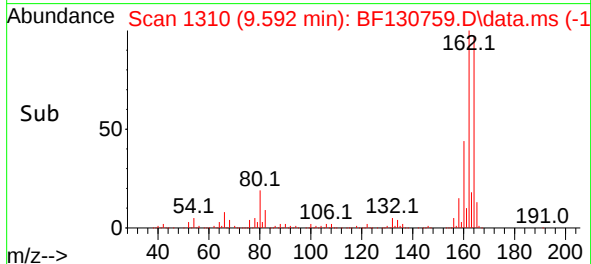
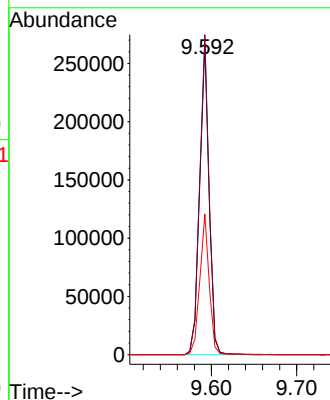
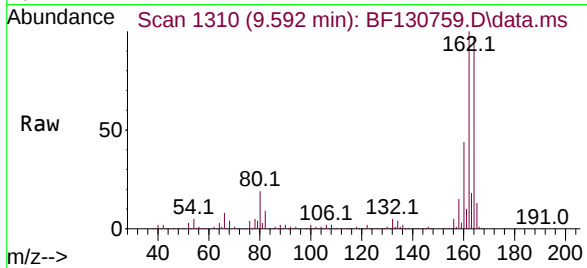




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

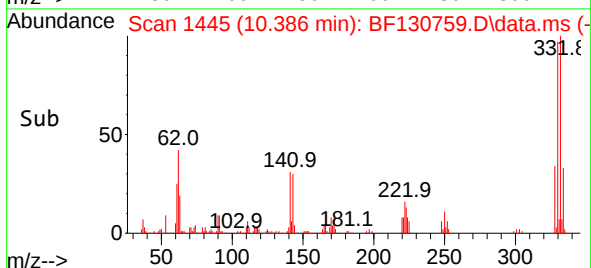
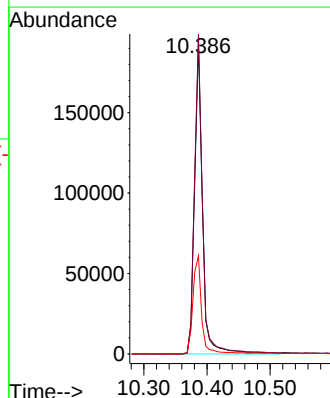
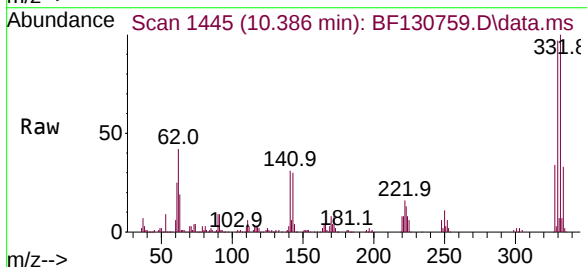
Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

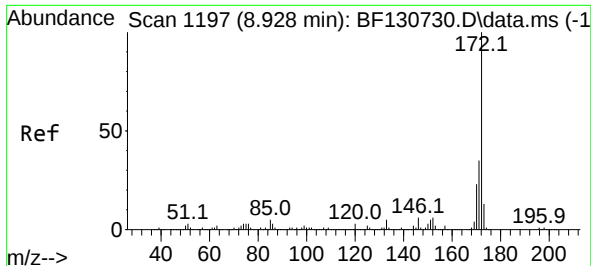
Tgt Ion:164 Resp: 205122
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 45.3 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 87.316 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Tgt Ion:330 Resp: 170327
Ion Ratio Lower Upper
330 100
332 104.2 81.4 122.2
141 34.3 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 72.347 ng

RT: 8.922 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Instrument :

BNA_F

ClientSampleId :

SB-I1-COMP

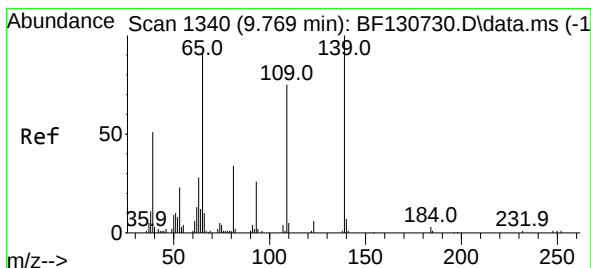
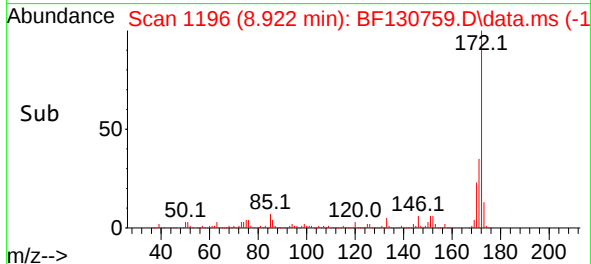
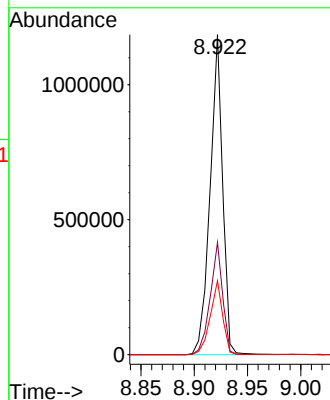
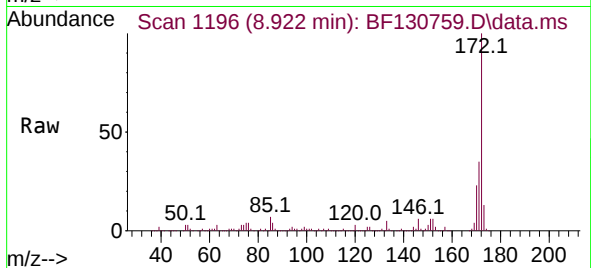
Tgt Ion:172 Resp: 973799

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.1 18.5 27.7



#56

4-Nitrophenol

Concen: 9.620 ng

RT: 9.798 min Scan# 1345

Delta R.T. 0.029 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

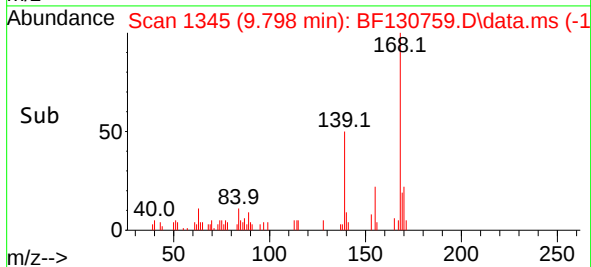
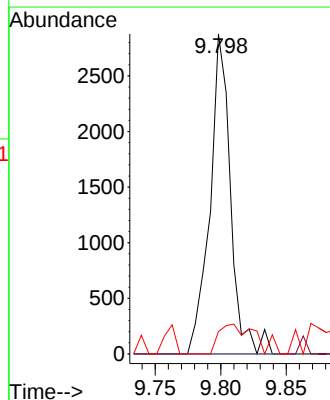
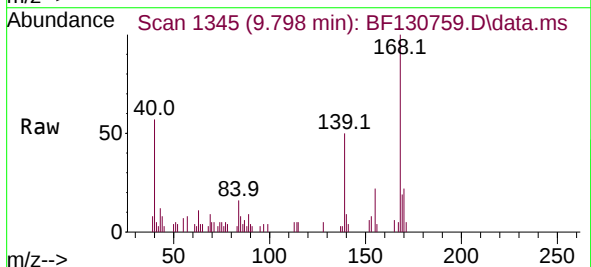
Tgt Ion:139 Resp: 3152

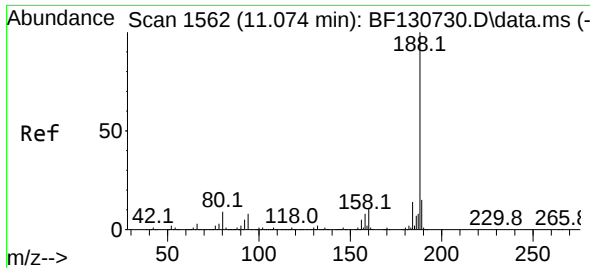
Ion Ratio Lower Upper

139 100

109 0.0 55.1 95.1#

65 7.0 72.2 112.2#

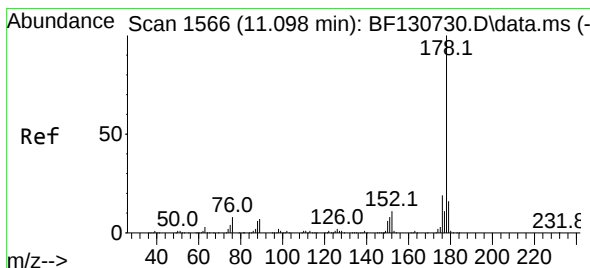
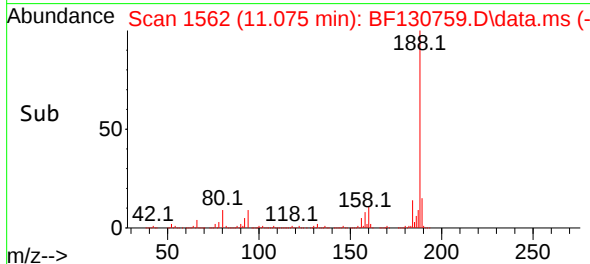
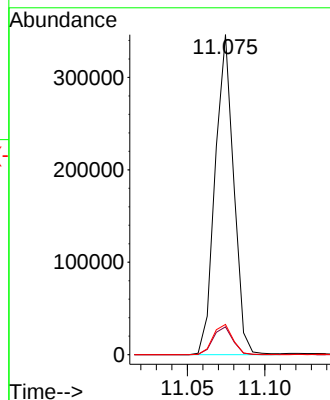
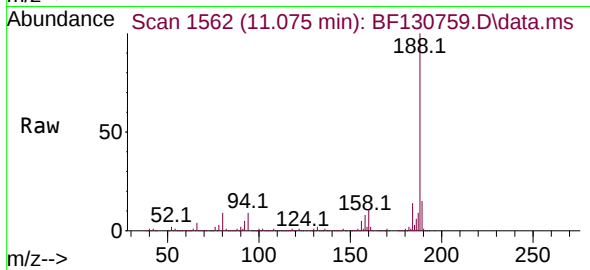




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

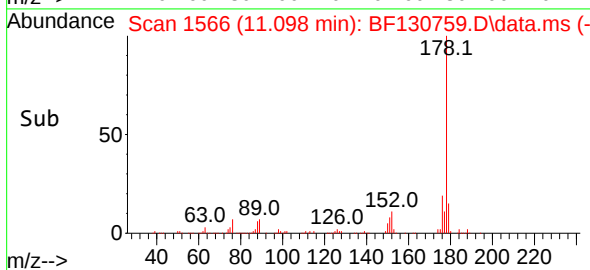
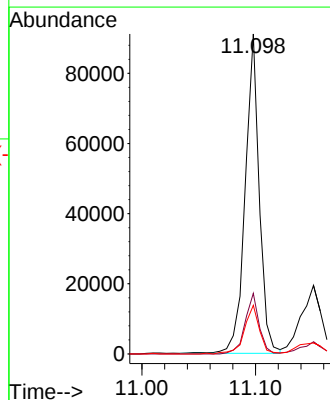
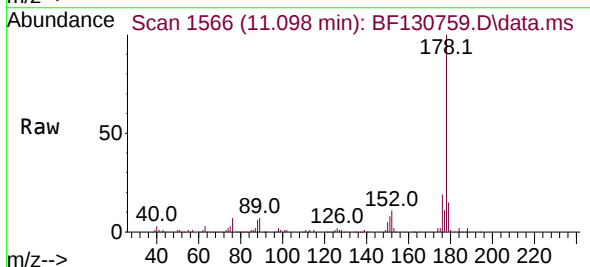
Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

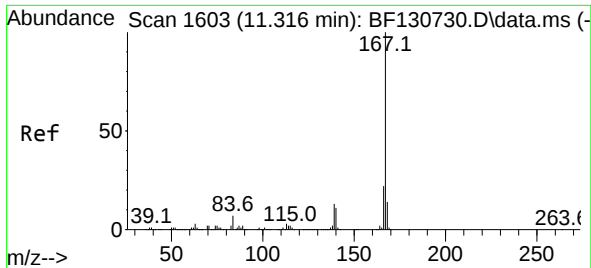
Tgt Ion:188 Resp: 289890
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.4 7.4 11.0



#71
Phenanthrene
Concen: 4.922 ng
RT: 11.098 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Tgt Ion:178 Resp: 78249
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.4 18.6

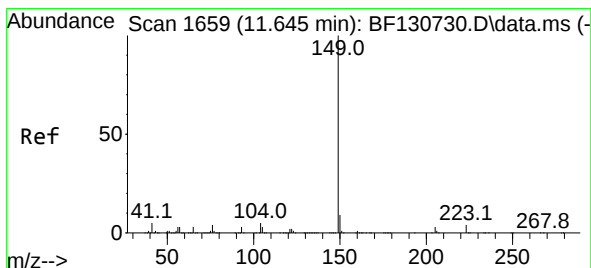
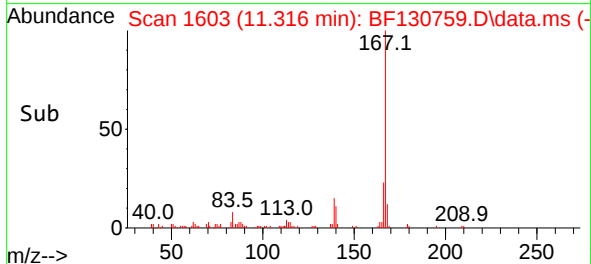
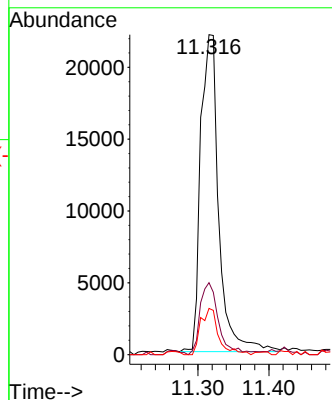
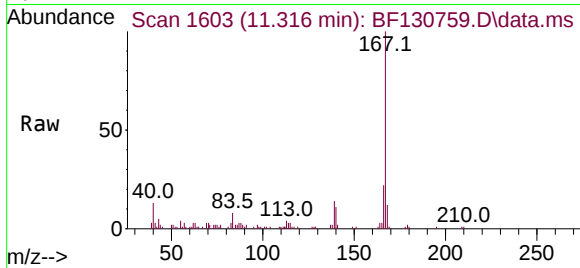




#73
 Carbazole
 Concen: 2.664 ng
 RT: 11.316 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF130759.D
 Acq: 24 Oct 2022 13:54

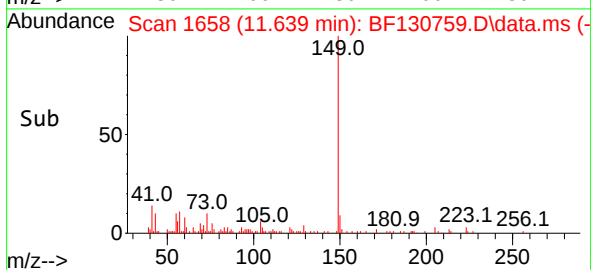
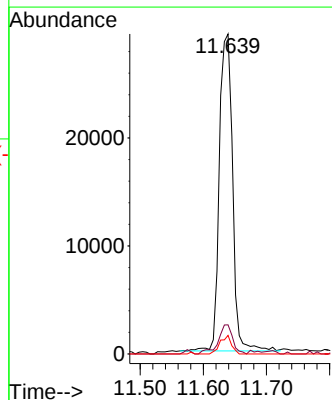
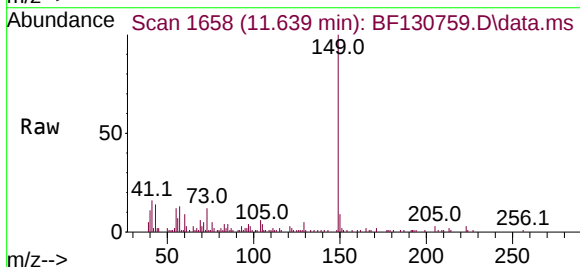
Instrument :
 BNA_F
 ClientSampleId :
 SB-I1-COMP

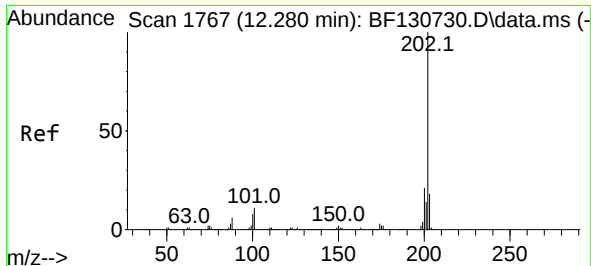
Tgt Ion:167	Resp:	39024
Ion Ratio	Lower	Upper
167	100	
166	22.5	17.3 25.9
139	14.4	10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 2.375 ng
 RT: 11.639 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF130759.D
 Acq: 24 Oct 2022 13:54

Tgt Ion:149	Resp:	42787
Ion Ratio	Lower	Upper
149	100	
150	9.1	7.2 10.8
104	5.8	3.8 5.8

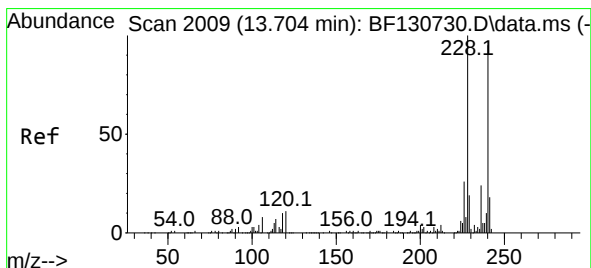
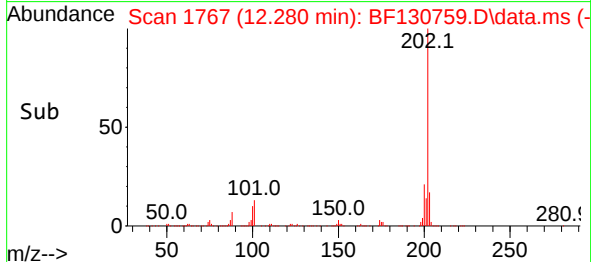
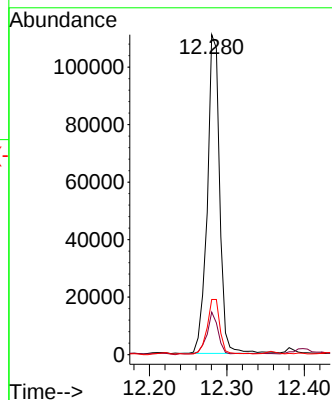
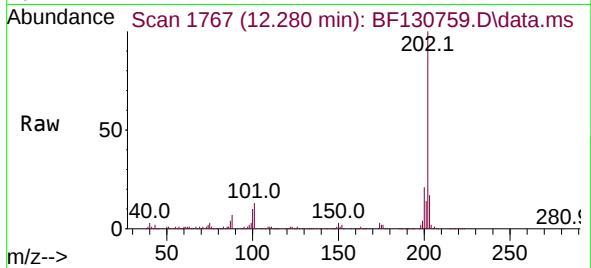




#75
Fluoranthene
Concen: 7.663 ng
RT: 12.280 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

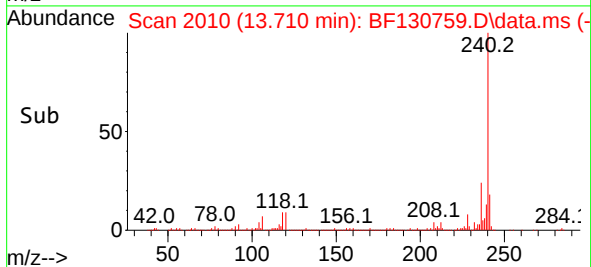
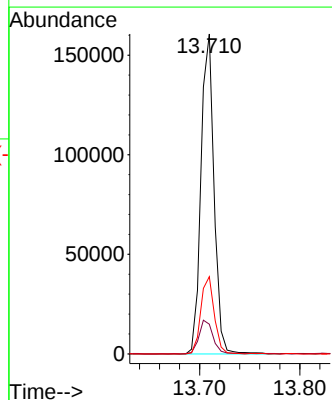
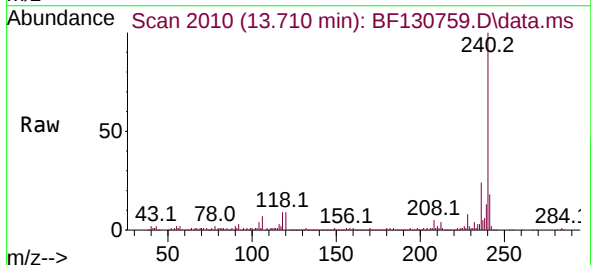
Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

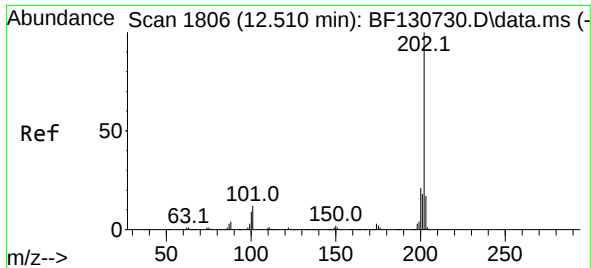
Tgt Ion:202 Resp: 123149
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.0
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Tgt Ion:240 Resp: 144940
Ion Ratio Lower Upper
240 100
120 9.3 9.6 14.4#
236 24.1 20.2 30.2





#78

Pyrene

Concen: 8.879 ng

RT: 12.510 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Instrument :

BNA_F

ClientSampleId :

SB-I1-COMP

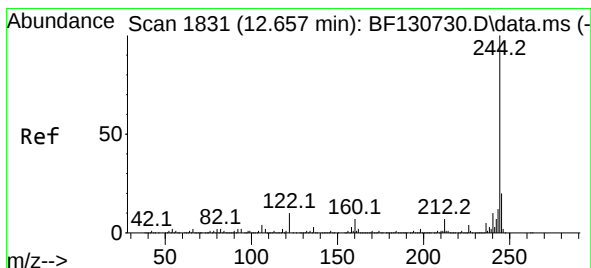
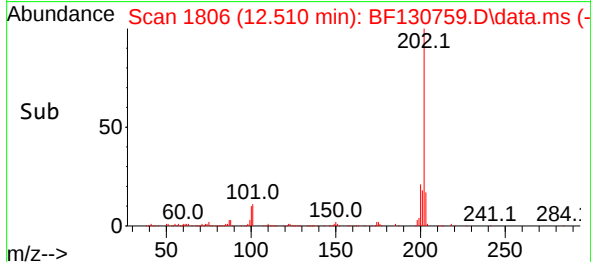
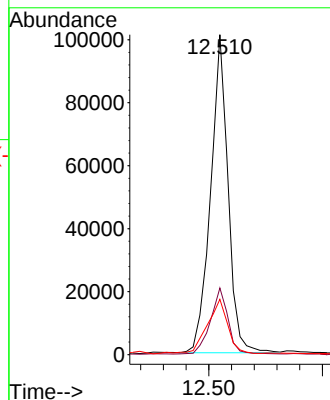
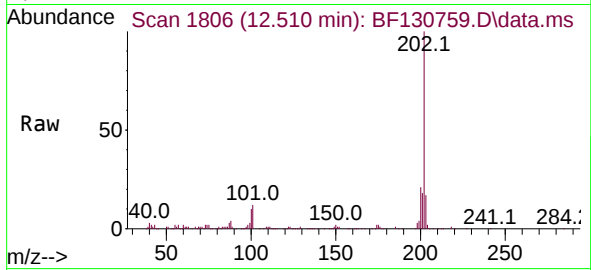
Tgt Ion:202 Resp: 108025

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 17.3 13.8 20.8



#79

Terphenyl-d14

Concen: 83.699 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

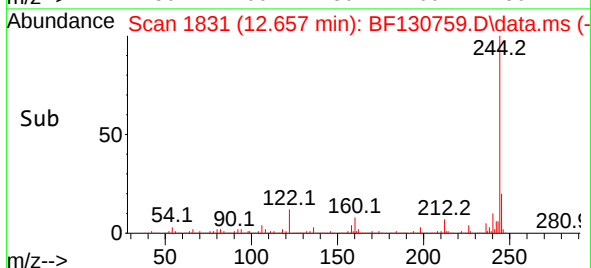
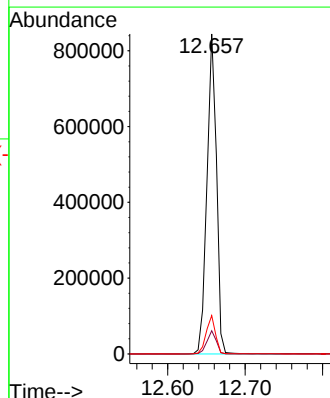
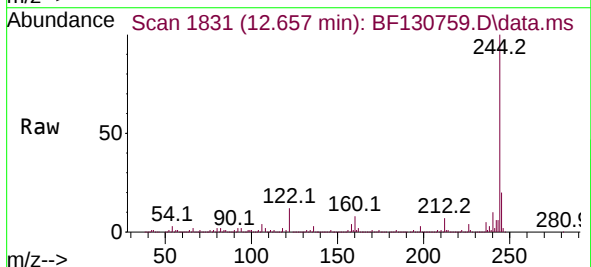
Tgt Ion:244 Resp: 719881

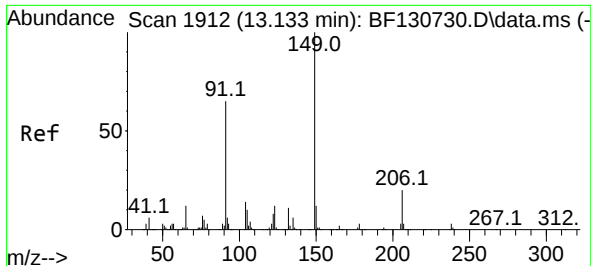
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 12.0 8.2 12.4

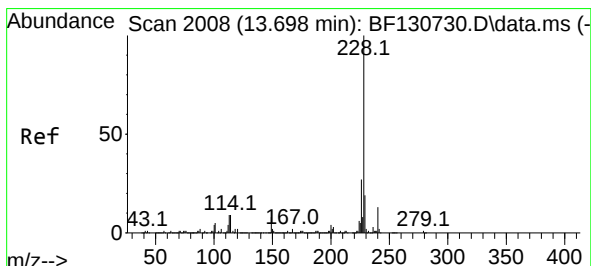
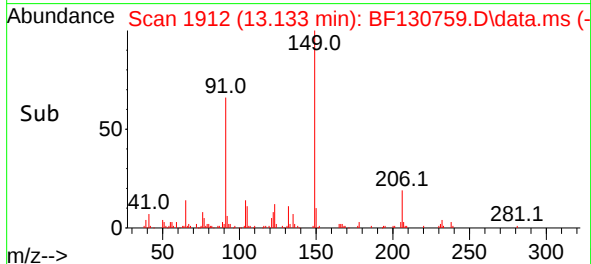
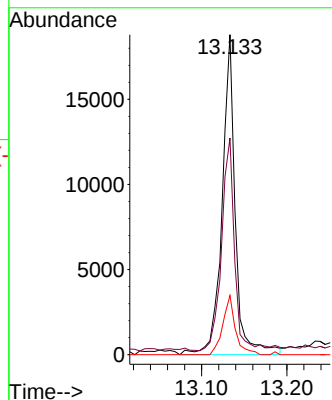
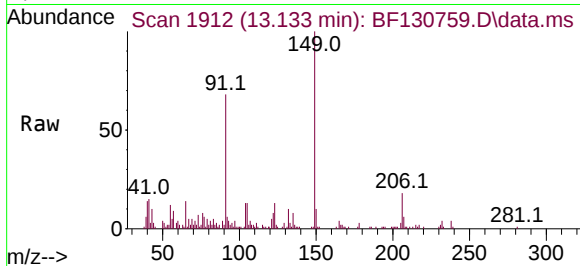




#80
Butylbenzylphthalate
Concen: 4.202 ng
RT: 13.133 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

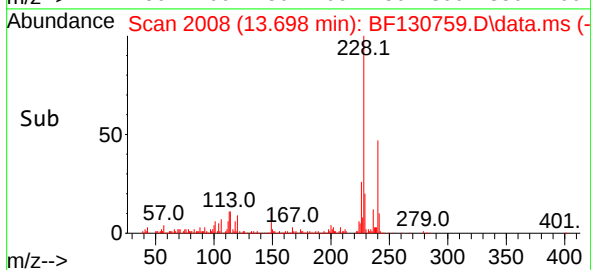
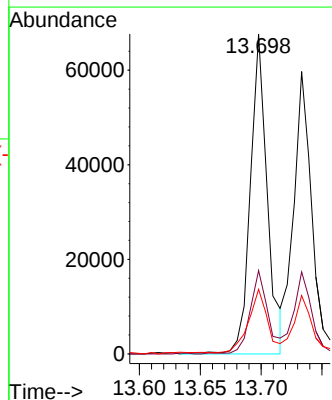
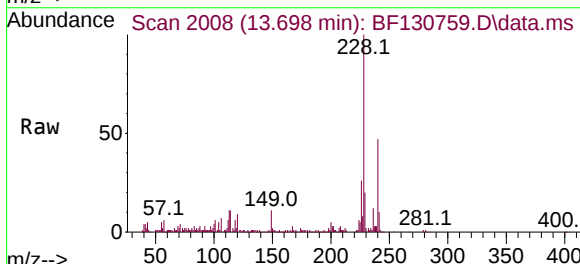
Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

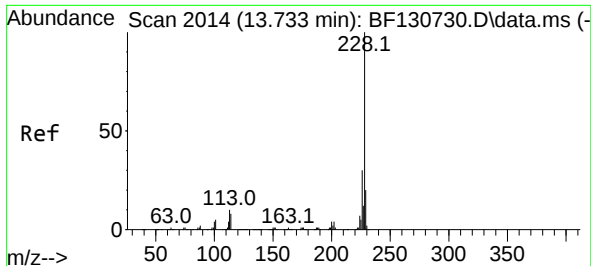
Tgt Ion:	149	Resp:	20283
Ion Ratio	Lower	Upper	
149	100		
91	67.7	52.3	78.5
206	18.5	16.3	24.5



#81
Benzo(a)anthracene
Concen: 6.742 ng
RT: 13.698 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Tgt Ion:	228	Resp:	65298
Ion Ratio	Lower	Upper	
228	100		
226	26.1	21.8	32.8
229	20.2	15.4	23.2





#83

Chrysene

Concen: 6.483 ng

RT: 13.733 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Instrument :

BNA_F

ClientSampleId :

SB-I1-COMP

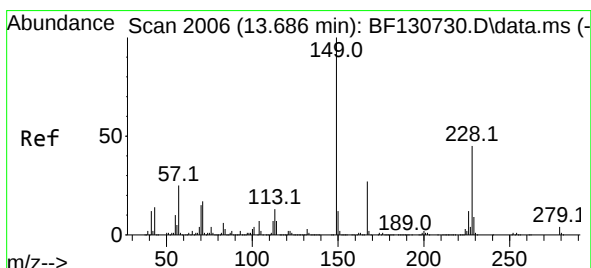
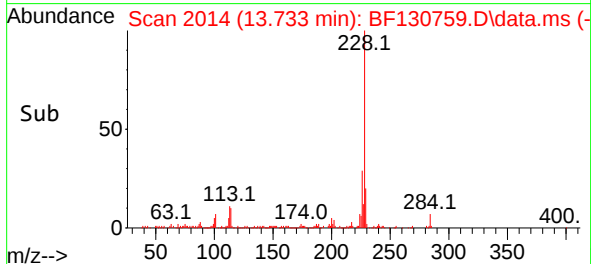
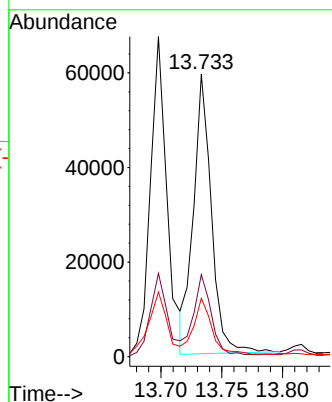
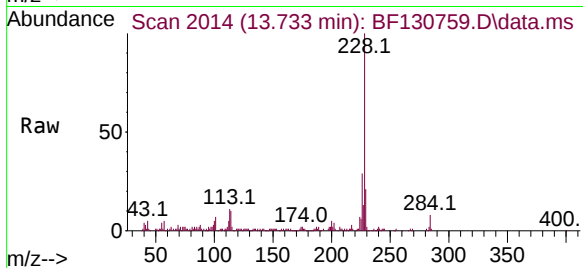
Tgt Ion:228 Resp: 60835

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

229 20.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.291 ng

RT: 13.686 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

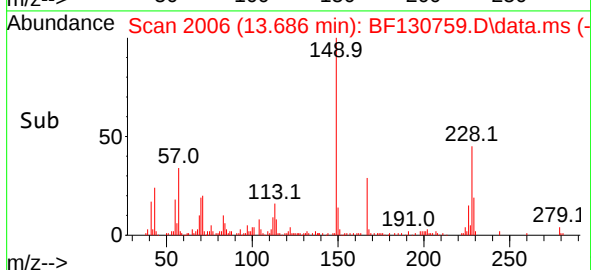
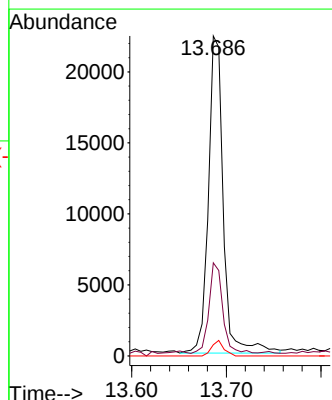
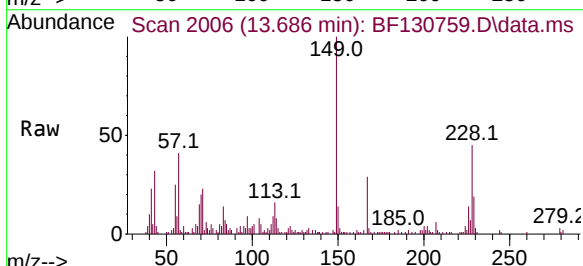
Tgt Ion:149 Resp: 24539

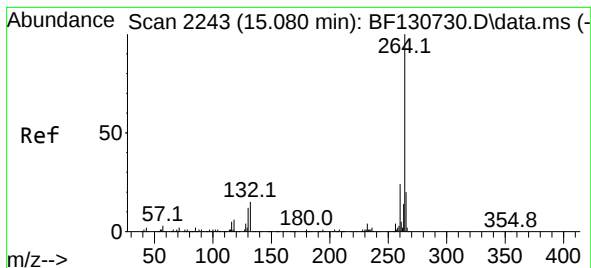
Ion Ratio Lower Upper

149 100

167 29.1 21.5 32.3

279 3.5 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.086 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Instrument :

BNA_F

ClientSampleId :

SB-I1-COMP

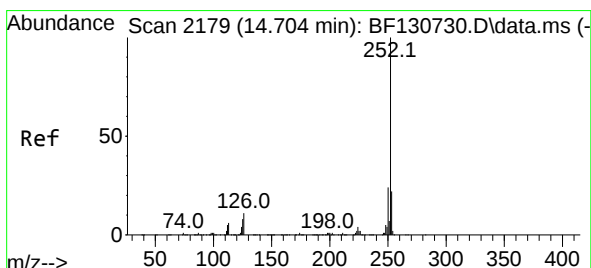
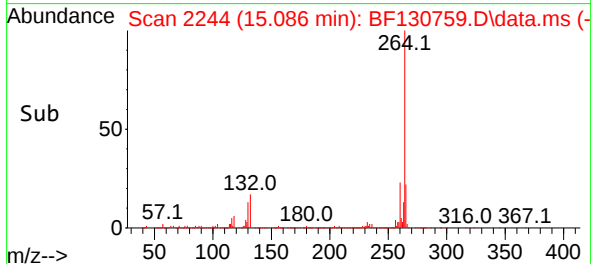
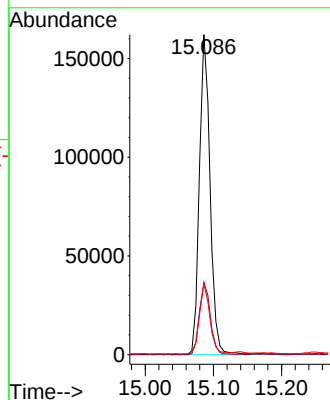
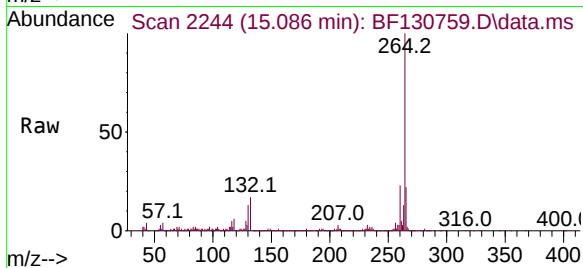
Tgt Ion:264 Resp: 177199

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 22.2 16.2 24.4



#88

Benzo(b)fluoranthene

Concen: 4.451 ng

RT: 14.710 min Scan# 2180

Delta R.T. 0.006 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

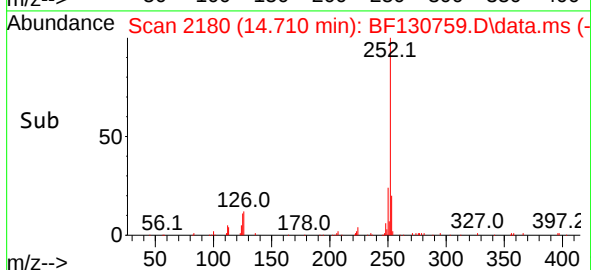
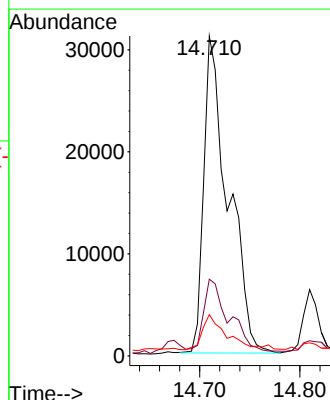
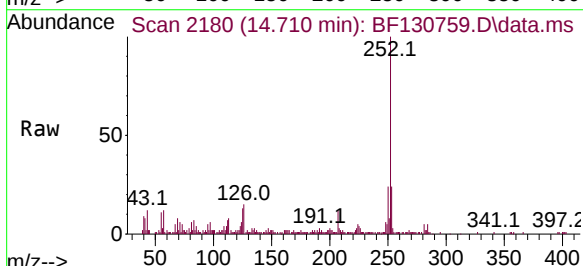
Tgt Ion:252 Resp: 52511

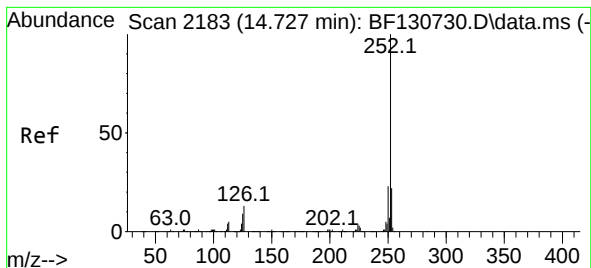
Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

125 12.9 6.4 9.6#





#89

Benzo(k)fluoranthene

Concen: 4.430 ng

RT: 14.710 min Scan# 2183

Delta R.T. -0.018 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Instrument :

BNA_F

ClientSampleId :

SB-I1-COMP

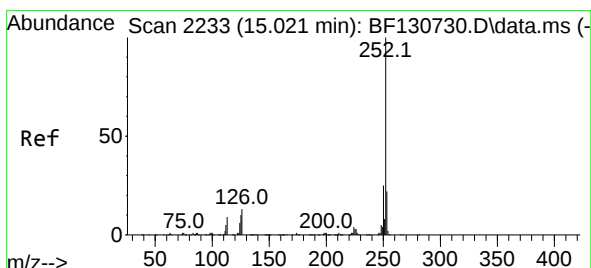
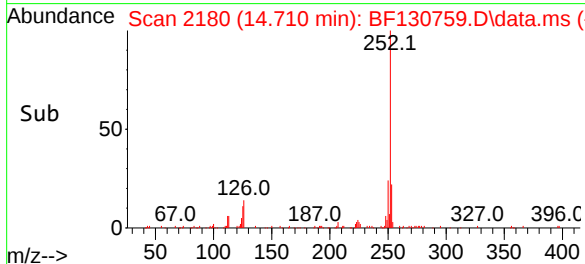
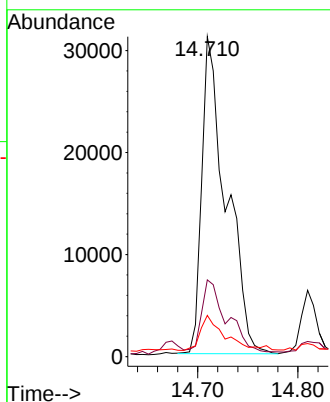
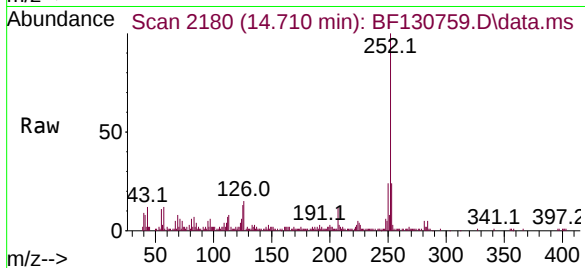
Tgt Ion:252 Resp: 52511

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 12.9 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 3.068 ng

RT: 15.033 min Scan# 2235

Delta R.T. 0.012 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Tgt Ion:252 Resp: 29074

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 11.6 8.3 12.5

