

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128769.D
 Acq On : 10 Jun 2022 20:15
 Operator : CG\JU
 Sample : N3299-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-15

Quant Time: Jun 11 01:28:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

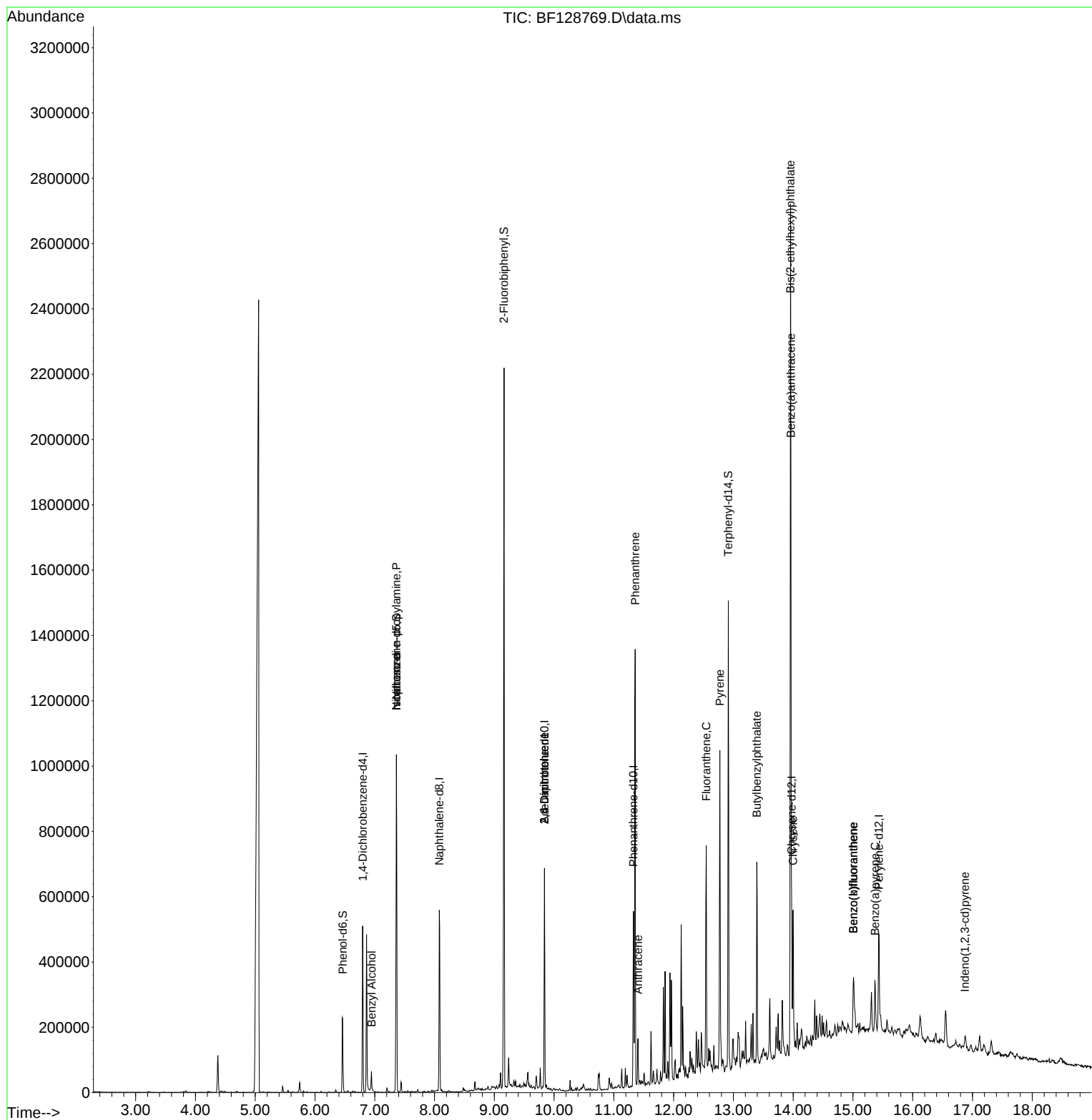
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	62299	20.000	ng	-0.01
21) Naphthalene-d8	8.081	136	239995	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	122688	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	191401	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	124268	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	134301	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	3919	1.002	ng	0.00
7) Phenol-d6	6.463	99	70322	14.729	ng	-0.02
23) Nitrobenzene-d5	7.363	82	316180	61.338	ng	-0.02
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	602250	68.762	ng	-0.01
79) Terphenyl-d14	12.916	244	437340	61.153	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.945	79	11405	2.855	ng	88
19) n-Nitroso-di-n-propyla...	7.363	70	43146	14.535	ng	# 79
25) Isophorone	7.363	82	316239	40.394	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	16149	9.743	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	16149	7.301	ng	# 21
71) Phenanthrene	11.357	178	491639	51.211	ng	98
72) Anthracene	11.404	178	53762	5.658	ng	97
75) Fluoranthene	12.545	202	229557	22.875	ng	96
78) Pyrene	12.774	202	365583	39.542	ng	99
80) Butylbenzylphthalate	13.392	149	124677	32.112	ng	98
81) Benzo(a)anthracene	13.963	228	150244	19.396	ng	98
83) Chrysene	13.998	228	150255	20.346	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	585950	116.084	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	26673	3.295	ng	# 89
88) Benzo(b)fluoranthene	15.010	252	112116	13.065	ng	98
89) Benzo(k)fluoranthene	15.010	252	112116	13.888	ng	99
90) Benzo(a)pyrene	15.368	252	75369	11.174	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
Operator : CG\JU
Sample : N3299-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-15

Quant Time: Jun 11 01:28:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration

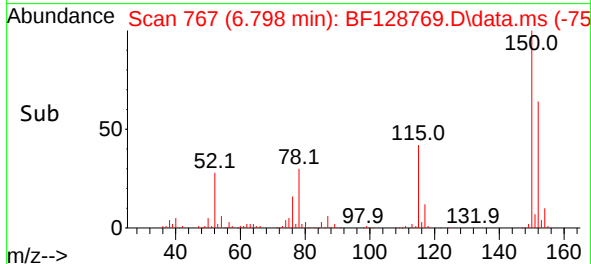
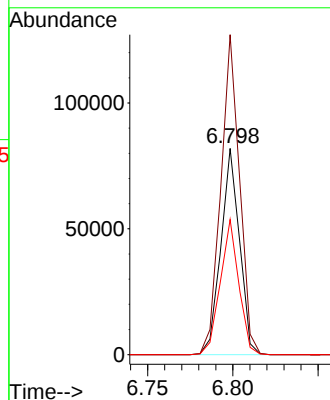
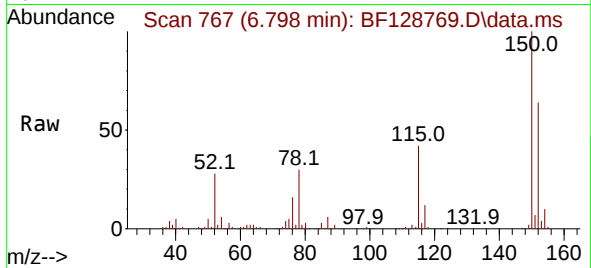




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 772
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

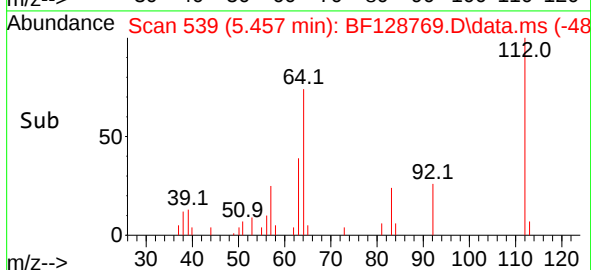
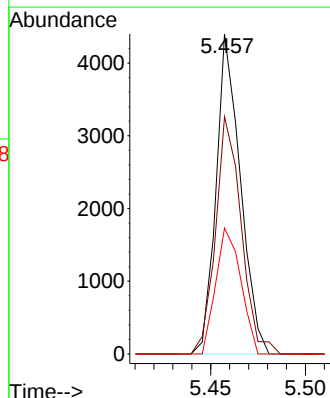
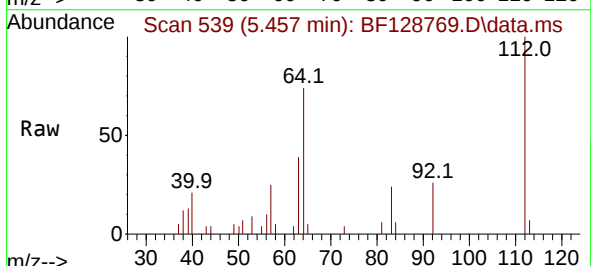
Instrument :
BNA_F
ClientSampleId :
SC-15

Tgt Ion:152 Resp: 62299
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 65.6 49.9 74.9



#5
2-Fluorophenol
Concen: 1.002 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion:112 Resp: 3919
Ion Ratio Lower Upper
112 100
64 74.1 53.3 79.9
63 39.4 28.0 42.0

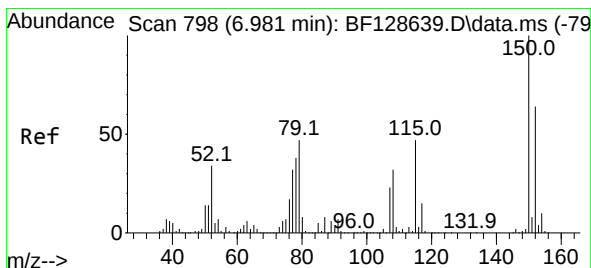
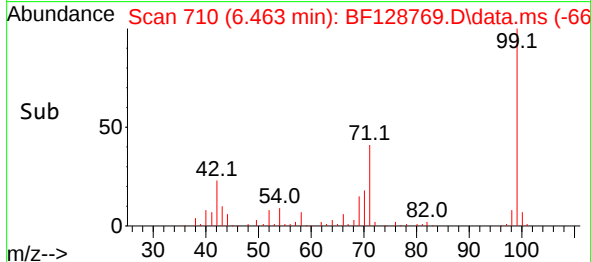
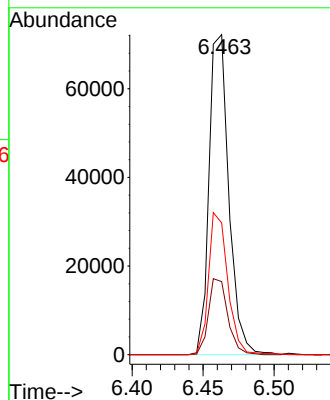
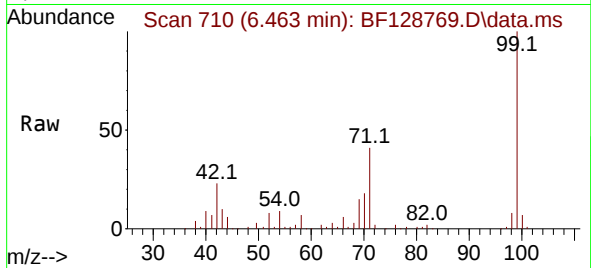




#7
Phenol-d6
Concen: 14.729 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

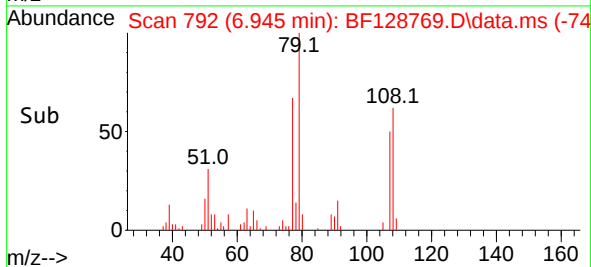
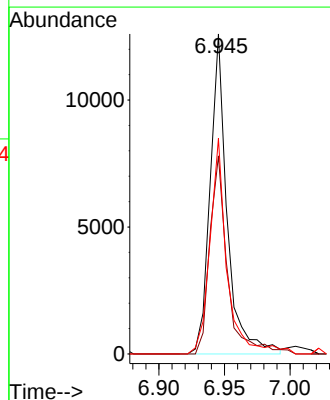
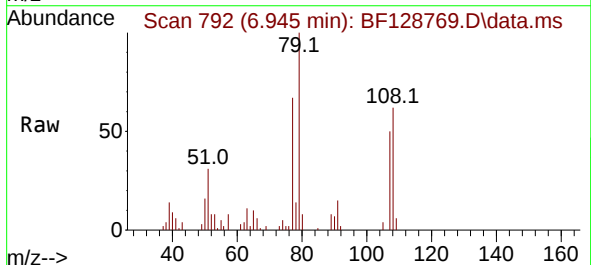
Instrument :
BNA_F
ClientSampleId :
SC-15

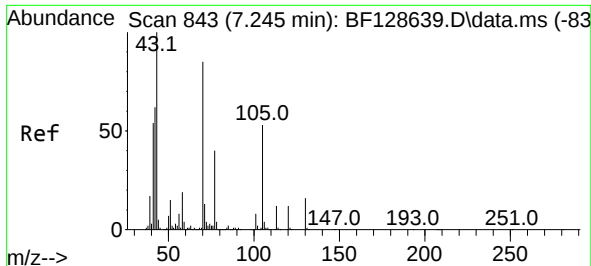
Tgt Ion: 99 Resp: 70322
Ion Ratio Lower Upper
99 100
42 22.9 17.3 25.9
71 41.2 28.9 43.3



#15
Benzyl Alcohol
Concen: 2.855 ng
RT: 6.945 min Scan# 792
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion: 79 Resp: 11405
Ion Ratio Lower Upper
79 100
108 61.9 61.8 92.6
77 67.4 50.2 75.4

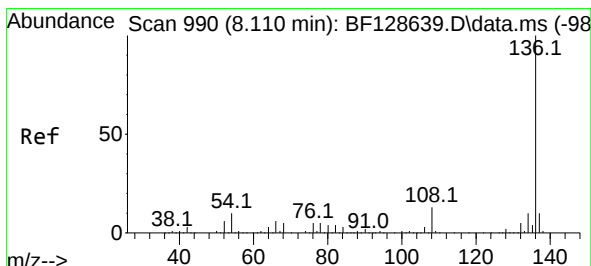
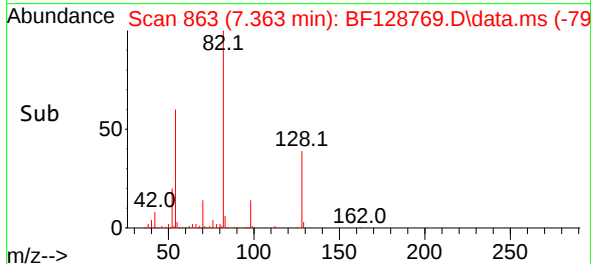
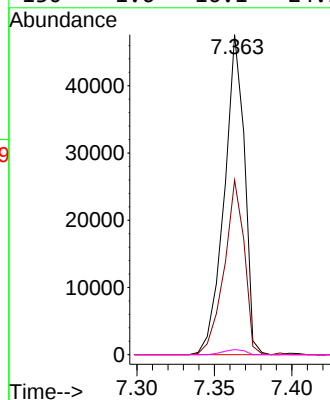
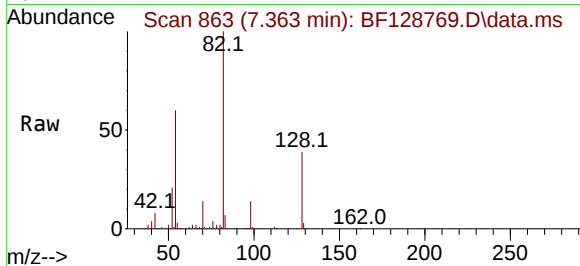




#19
n-Nitroso-di-n-propylamine
Concen: 14.535 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.129 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

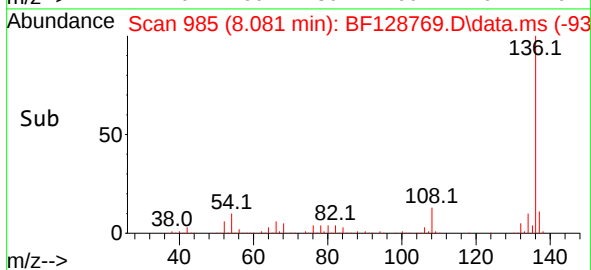
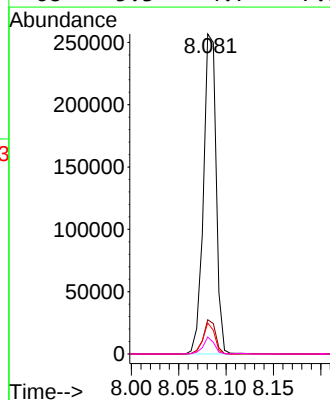
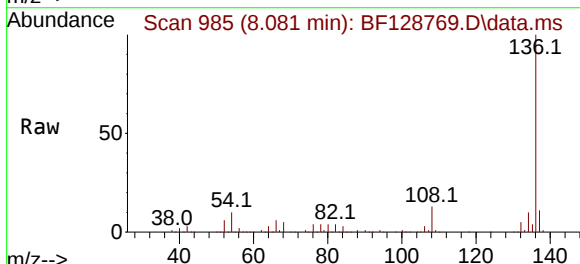
Instrument :
BNA_F
ClientSampleId :
SC-15

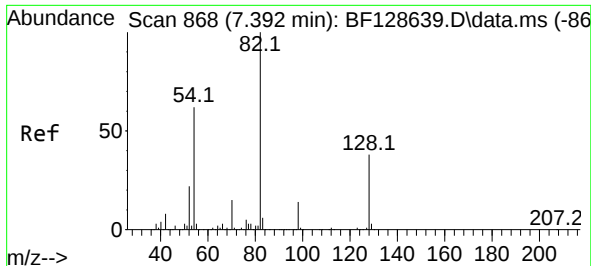
Tgt Ion: 70 Resp: 43146
Ion Ratio Lower Upper
70 100
42 54.6 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion: 136 Resp: 239995
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.7 7.5 11.3
68 5.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 61.338 ng

RT: 7.363 min Scan# 863

Delta R.T. -0.018 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

Instrument :

BNA_F

ClientSampleId :

SC-15

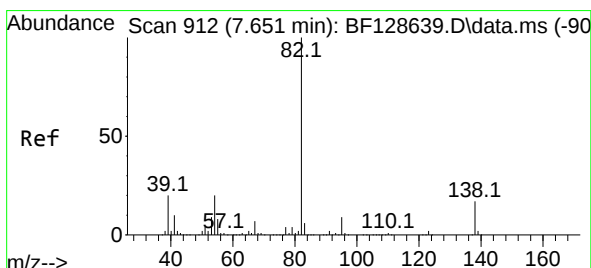
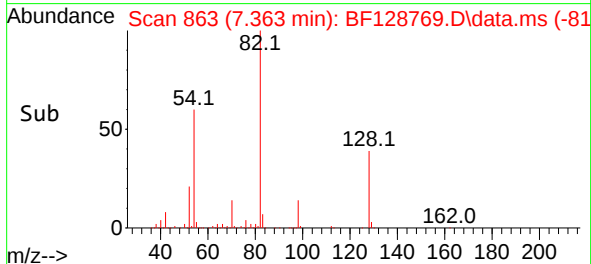
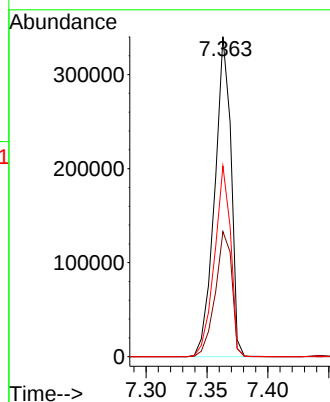
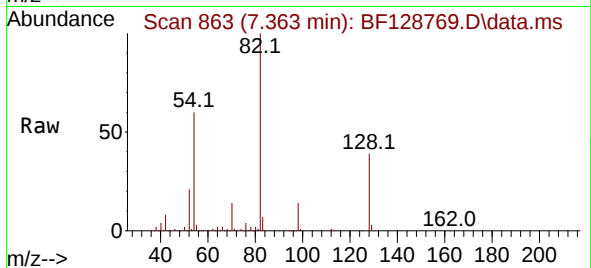
Tgt Ion: 82 Resp: 316180

Ion Ratio Lower Upper

82 100

128 39.1 34.0 51.0

54 59.6 46.9 70.3



#25

Isophorone

Concen: 40.394 ng

RT: 7.363 min Scan# 863

Delta R.T. -0.277 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

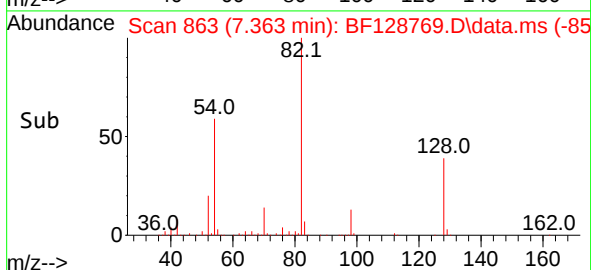
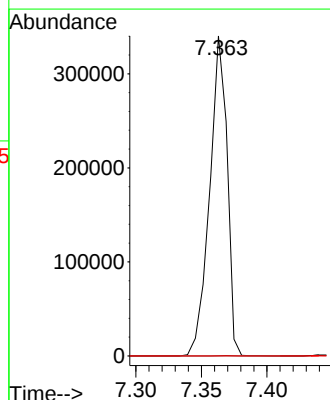
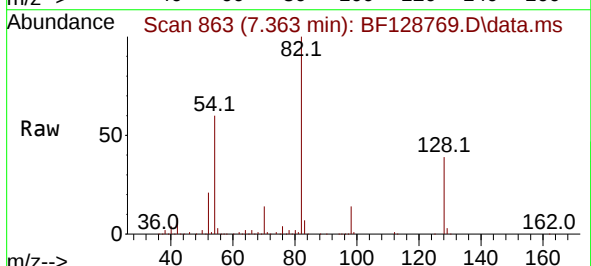
Tgt Ion: 82 Resp: 316239

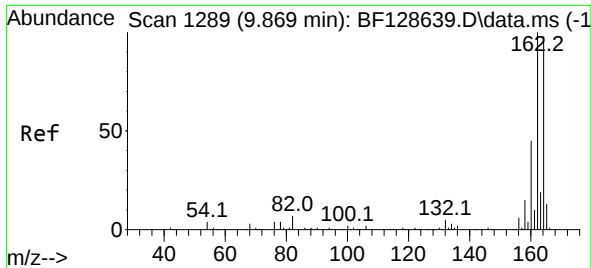
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 14.2 21.2#

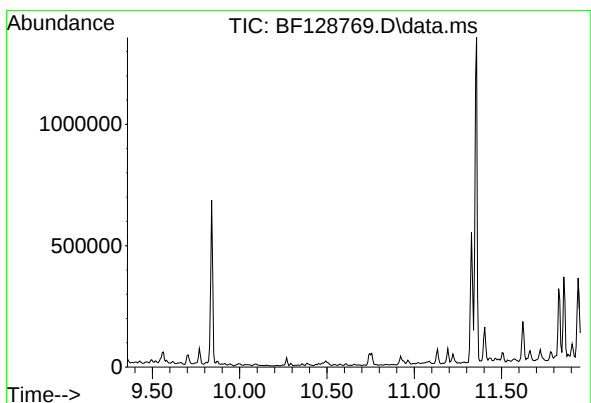
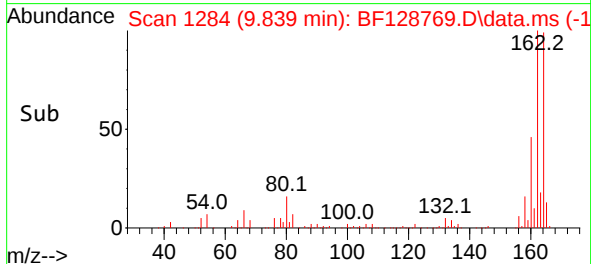
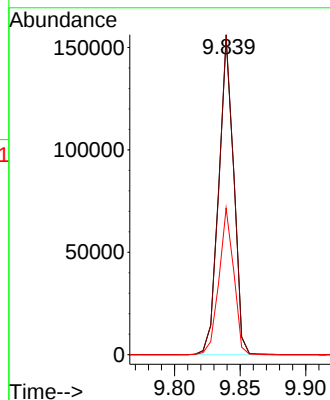
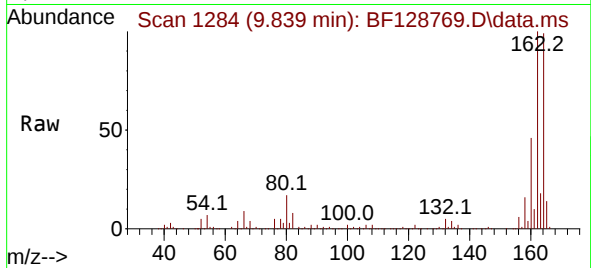




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Instrument :
BNA_F
ClientSampleId :
SC-15

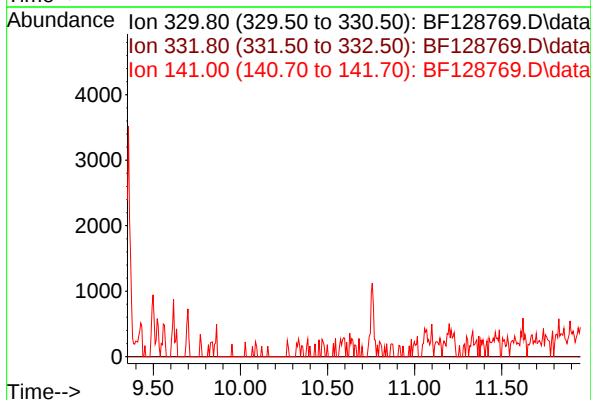
Tgt Ion:164 Resp: 122688
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 46.5 34.2 51.4

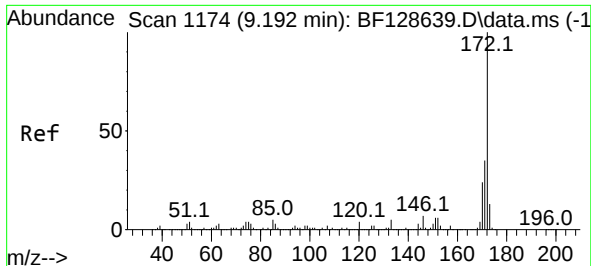


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.65 min

Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.0
141 35.0





#45

2-Fluorobiphenyl

Concen: 68.762 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

Instrument :

BNA_F

ClientSampleId :

SC-15

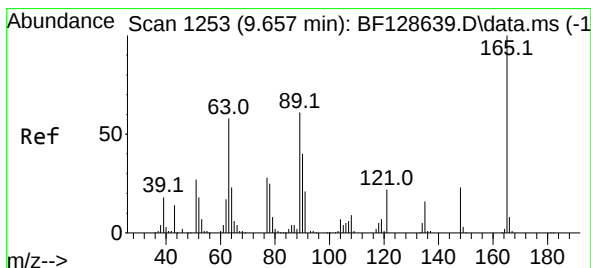
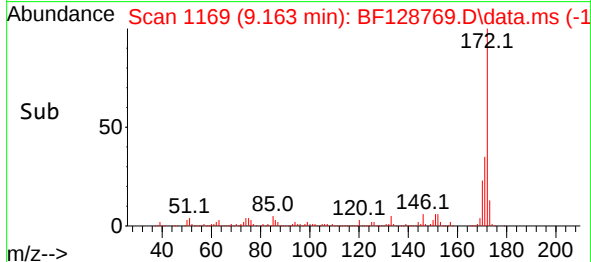
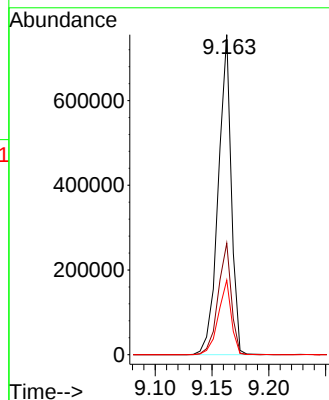
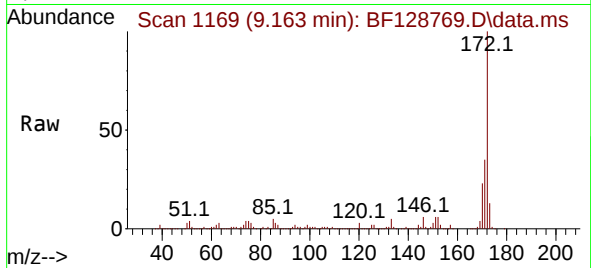
Tgt Ion:172 Resp: 602250

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.3 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 9.743 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.194 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

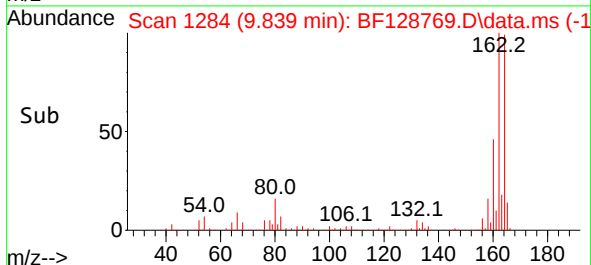
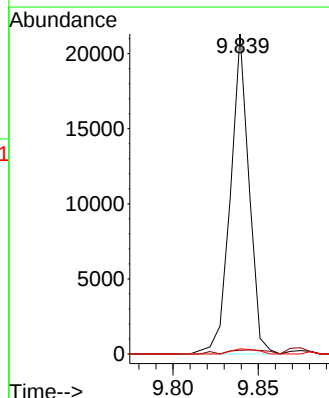
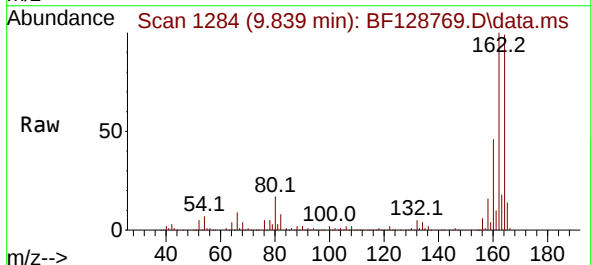
Tgt Ion:165 Resp: 16149

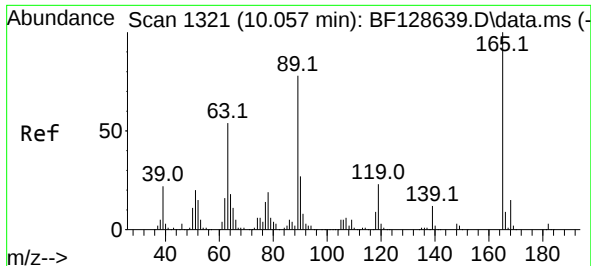
Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

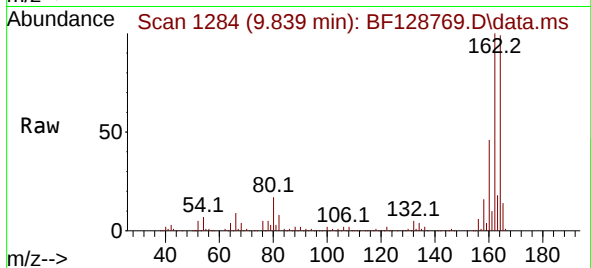
89 1.6 43.6 65.4#



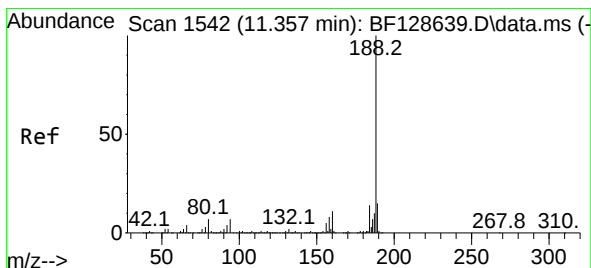
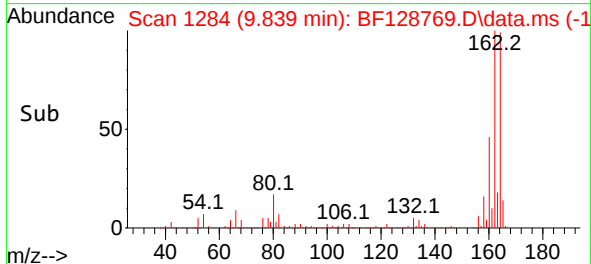
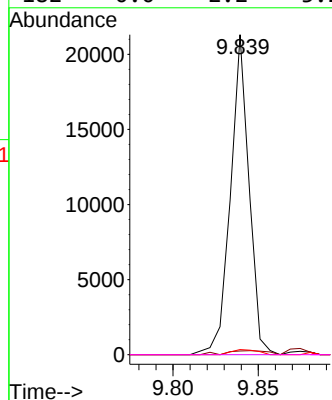


#57
2,4-Dinitrotoluene
Concen: 7.301 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Instrument :
BNA_F
ClientSampleId :
SC-15

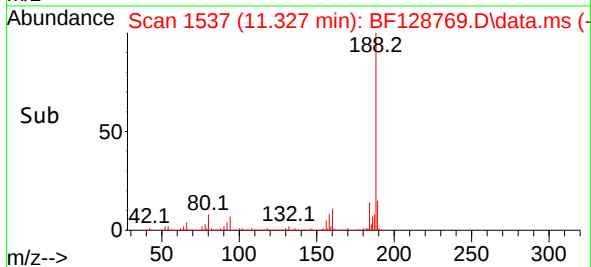
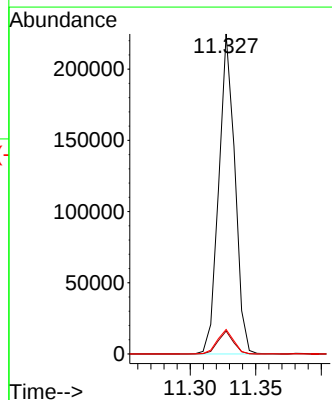
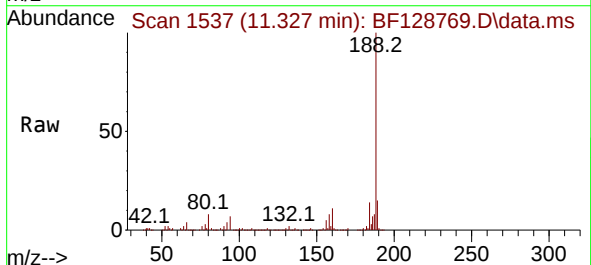


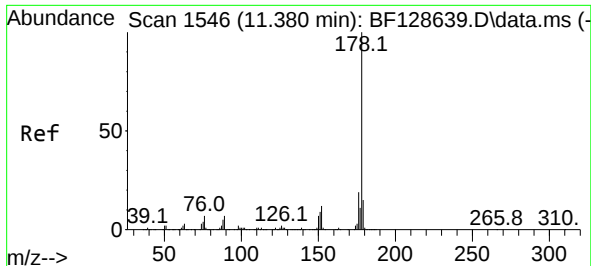
Tgt Ion:165 Resp: 16149
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1537
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion:188 Resp: 191401
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 7.7 7.6 11.4

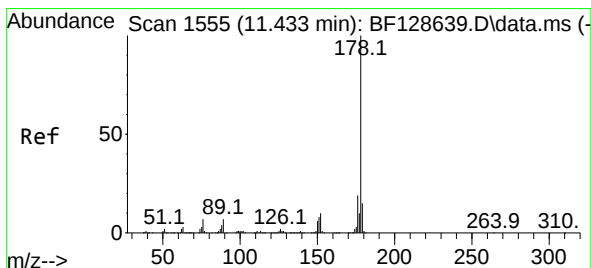
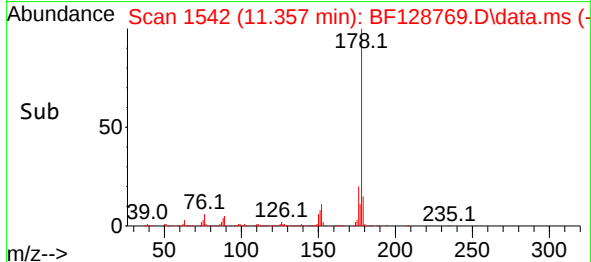
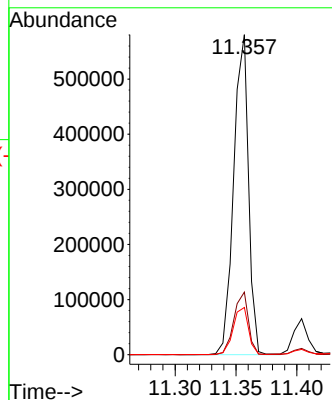
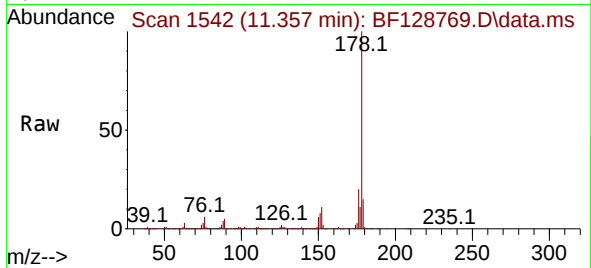




#71
Phenanthrene
Concen: 51.211 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

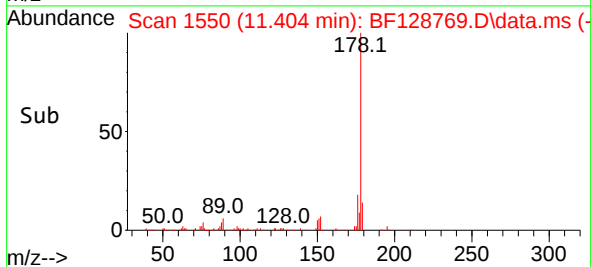
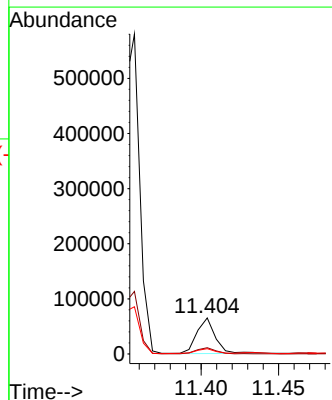
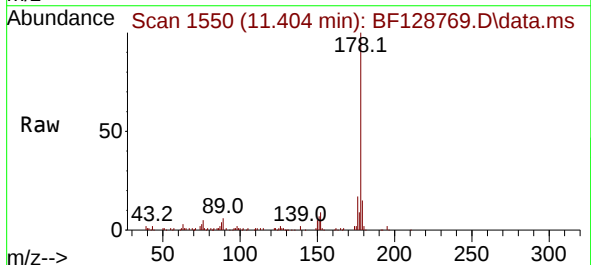
Instrument :
BNA_F
ClientSampleId :
SC-15

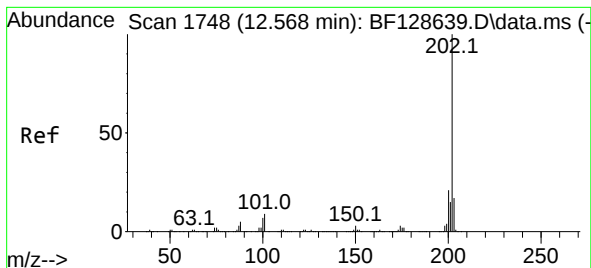
Tgt Ion:178 Resp: 491639
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 14.7 12.6 19.0



#72
Anthracene
Concen: 5.658 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion:178 Resp: 53762
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.2
179 14.7 12.6 19.0





#75

Fluoranthene

Concen: 22.875 ng

RT: 12.545 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

Instrument :

BNA_F

ClientSampleId :

SC-15

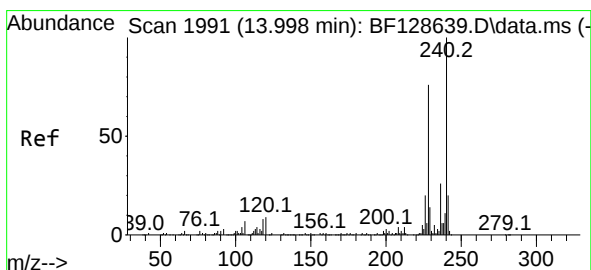
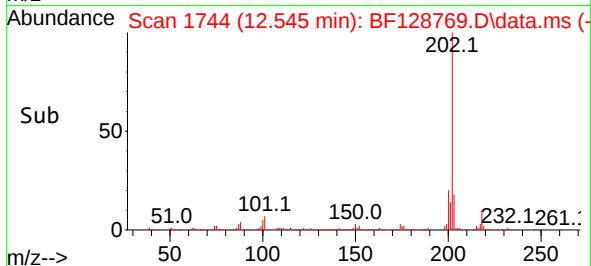
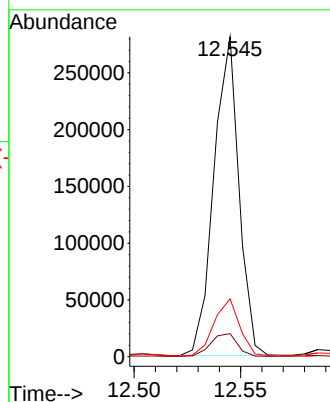
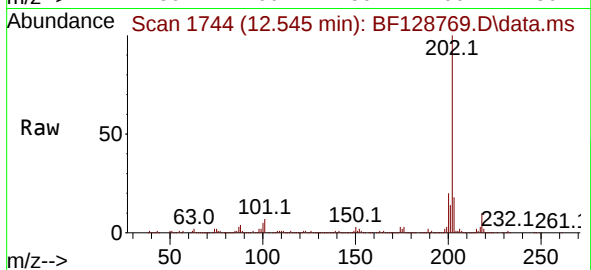
Tgt Ion:202 Resp: 229557

Ion Ratio Lower Upper

202 100

101 7.2 0.0 31.4

203 18.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 1987

Delta R.T. -0.012 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

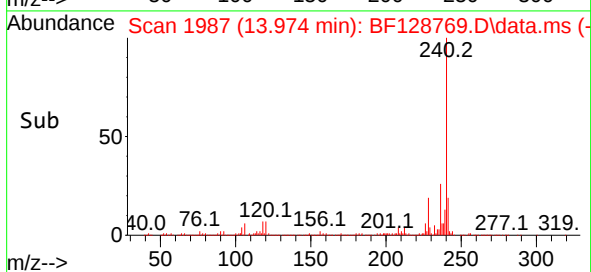
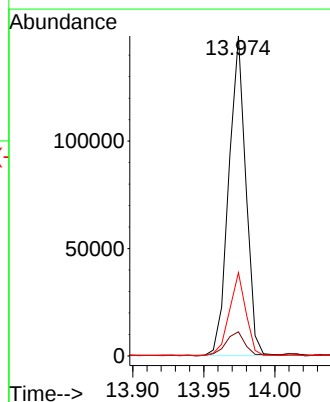
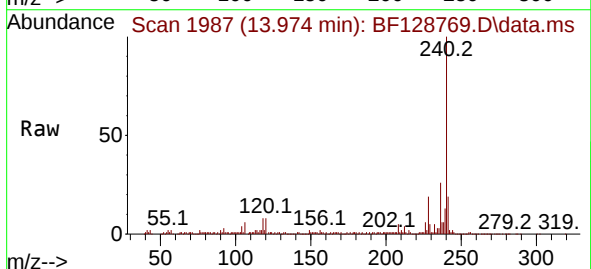
Tgt Ion:240 Resp: 124268

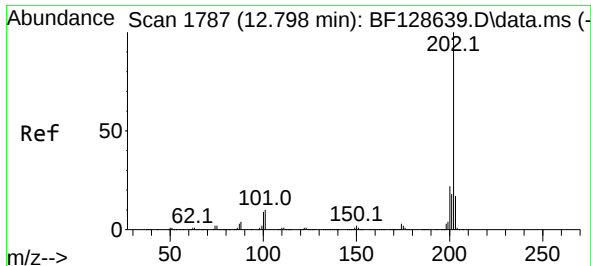
Ion Ratio Lower Upper

240 100

120 7.6 8.9 13.3#

236 26.0 20.8 31.2

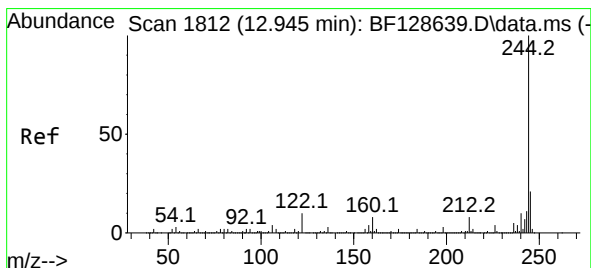
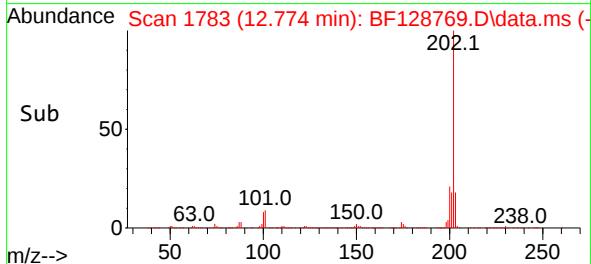
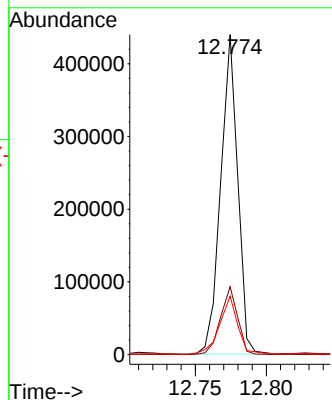
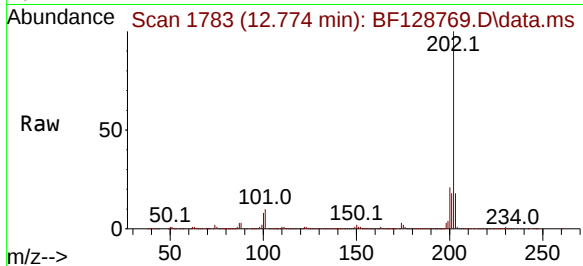




#78
 Pyrene
 Concen: 39.542 ng
 RT: 12.774 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF128769.D
 Acq: 10 Jun 2022 20:15

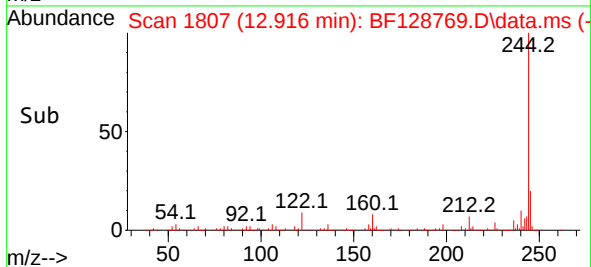
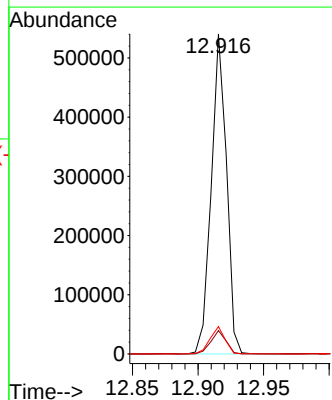
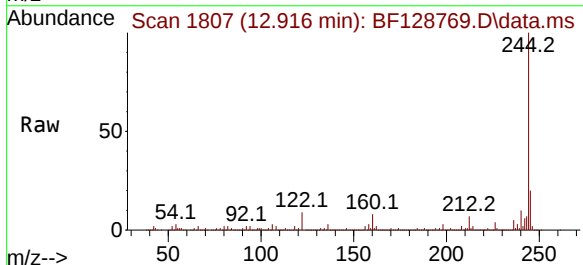
Instrument :
 BNA_F
 ClientSampleId :
 SC-15

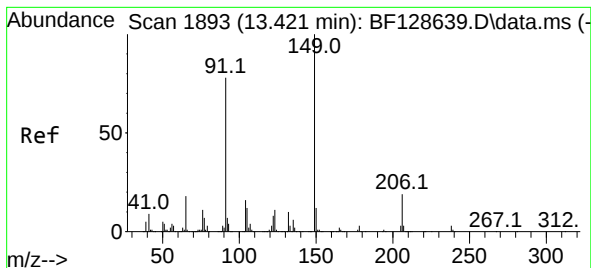
Tgt Ion:202 Resp: 365583
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.7 26.5
 203 18.2 14.6 21.8



#79
 Terphenyl-d14
 Concen: 61.153 ng
 RT: 12.916 min Scan# 1807
 Delta R.T. -0.018 min
 Lab File: BF128769.D
 Acq: 10 Jun 2022 20:15

Tgt Ion:244 Resp: 437340
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.6 8.8 13.2#





#80

Butylbenzylphthalate

Concen: 32.112 ng

RT: 13.392 min Scan# 1888

Delta R.T. -0.012 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

Instrument :

BNA_F

ClientSampleId :

SC-15

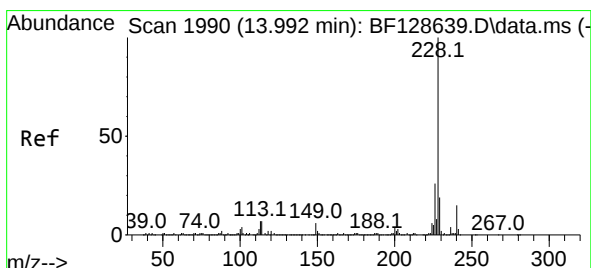
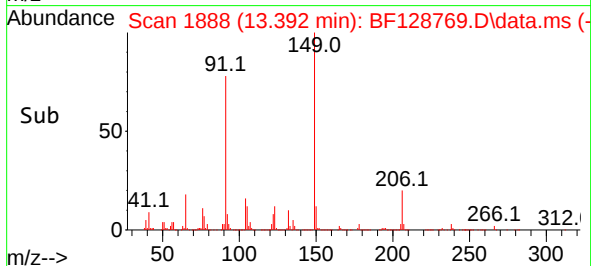
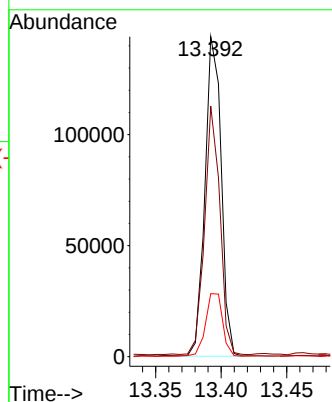
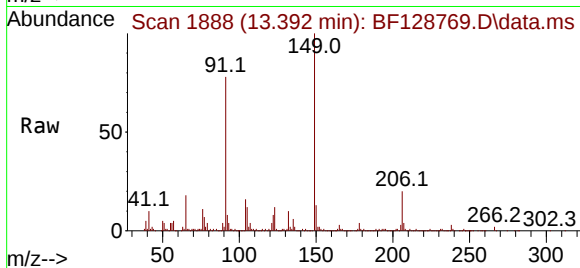
Tgt Ion:149 Resp: 124677

Ion Ratio Lower Upper

149 100

91 78.3 61.2 91.8

206 19.7 15.7 23.5



#81

Benzo(a)anthracene

Concen: 19.396 ng

RT: 13.963 min Scan# 1985

Delta R.T. -0.012 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

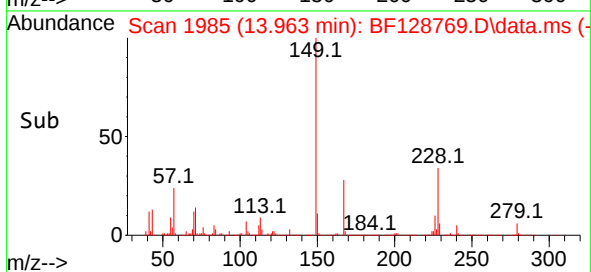
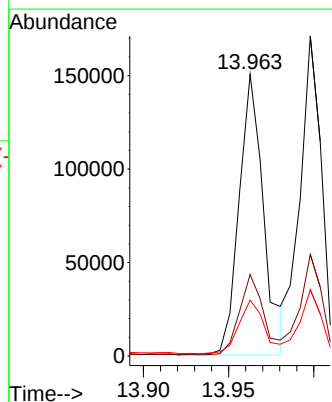
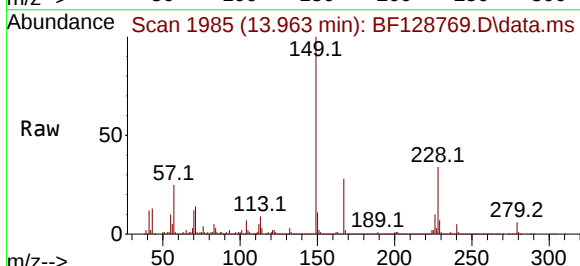
Tgt Ion:228 Resp: 150244

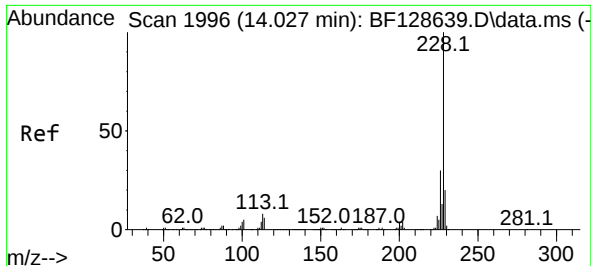
Ion Ratio Lower Upper

228 100

226 28.9 22.1 33.1

229 19.8 15.8 23.8

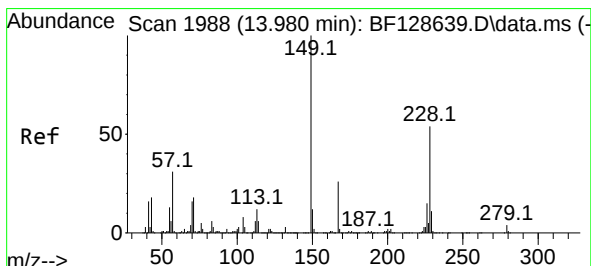
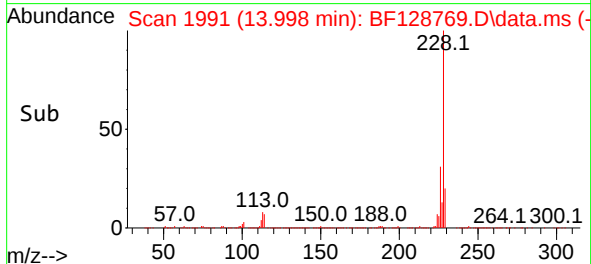
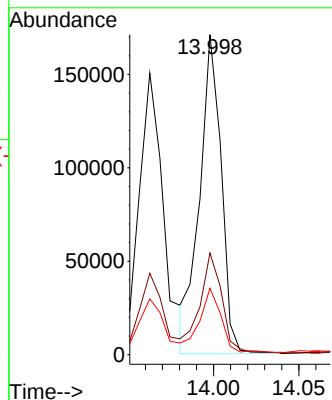
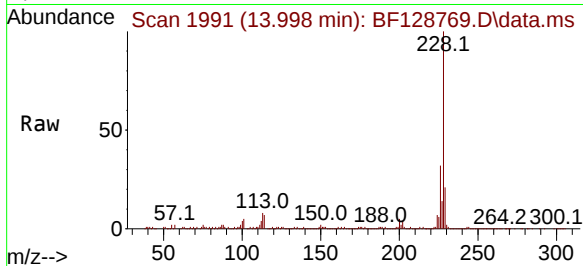




#83
Chrysene
Concen: 20.346 ng
RT: 13.998 min Scan# 1996
Delta R.T. -0.018 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

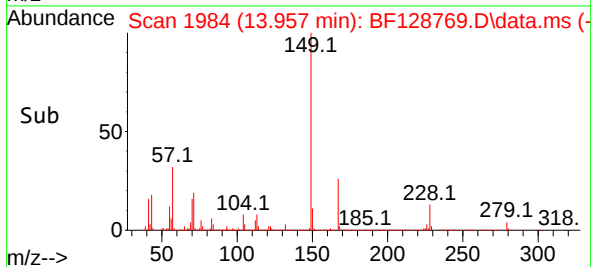
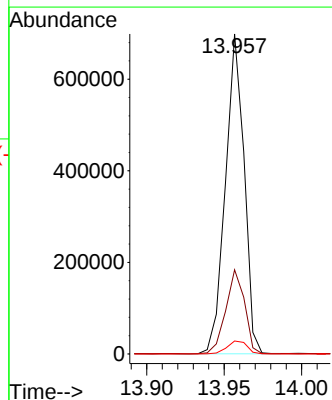
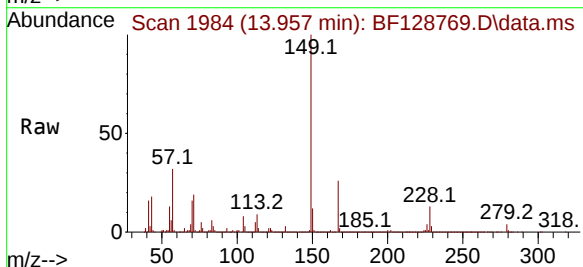
Instrument :
BNA_F
ClientSampleId :
SC-15

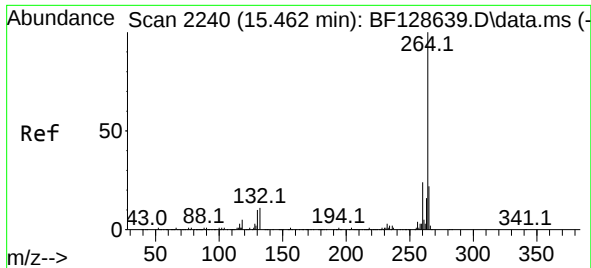
Tgt Ion:228 Resp: 150255
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 20.8 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 116.084 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion:149 Resp: 585950
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 4.1 3.1 4.7

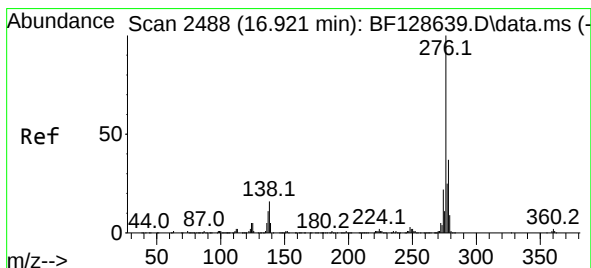
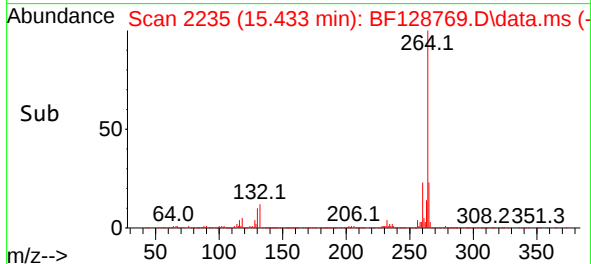
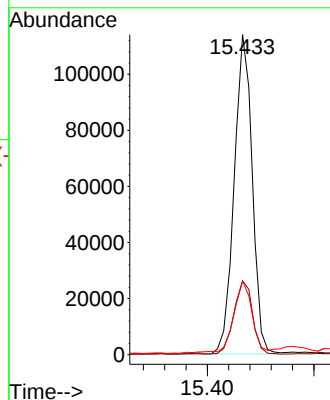
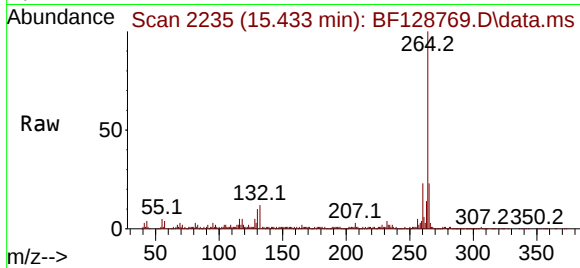




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

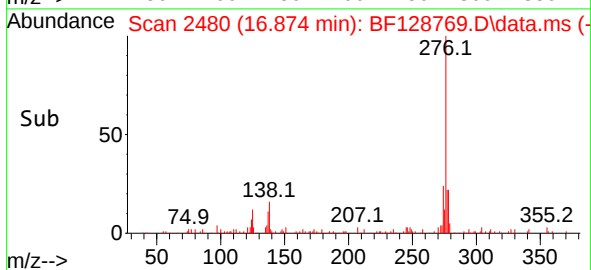
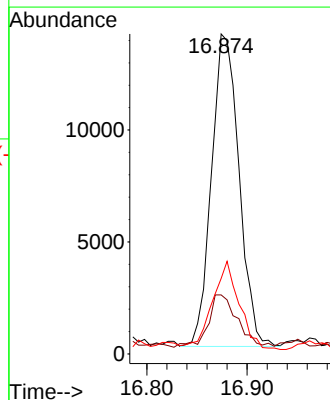
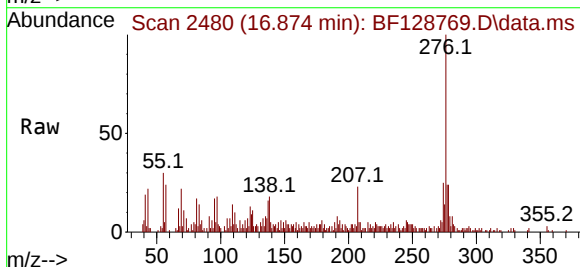
Instrument :
BNA_F
ClientSampleId :
SC-15

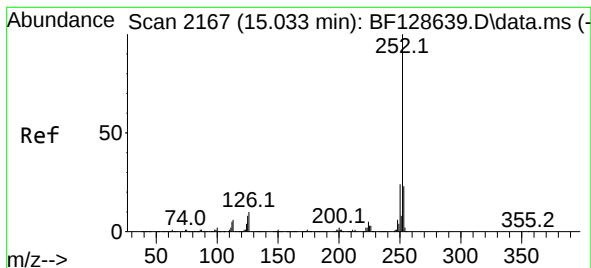
Tgt Ion:264 Resp: 134301
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 23.1 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.295 ng
RT: 16.874 min Scan# 2480
Delta R.T. -0.024 min
Lab File: BF128769.D
Acq: 10 Jun 2022 20:15

Tgt Ion:276 Resp: 26673
Ion Ratio Lower Upper
276 100
138 17.8 21.1 31.7#
277 27.7 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 13.065 ng

RT: 15.010 min Scan# 2163

Delta R.T. -0.012 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

Instrument :

BNA_F

ClientSampleId :

SC-15

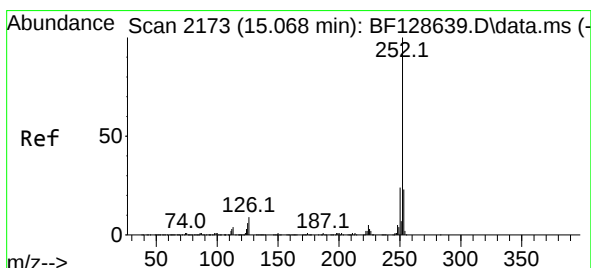
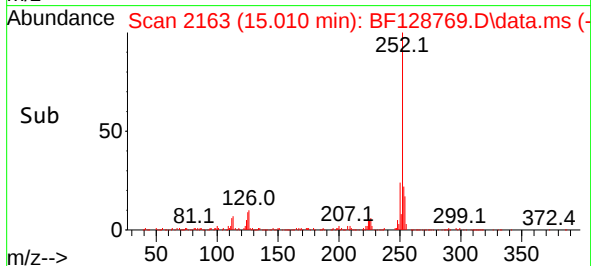
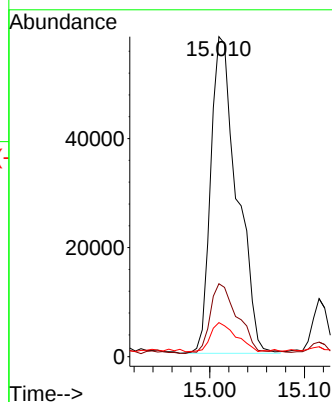
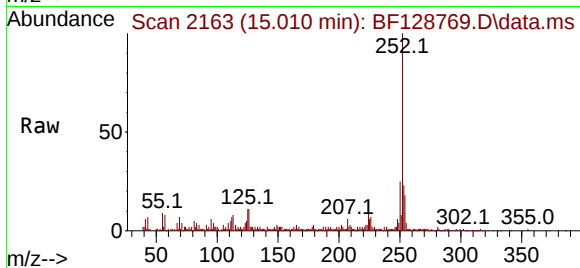
Tgt Ion:252 Resp: 112116

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 10.7 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 13.888 ng

RT: 15.010 min Scan# 2163

Delta R.T. -0.041 min

Lab File: BF128769.D

Acq: 10 Jun 2022 20:15

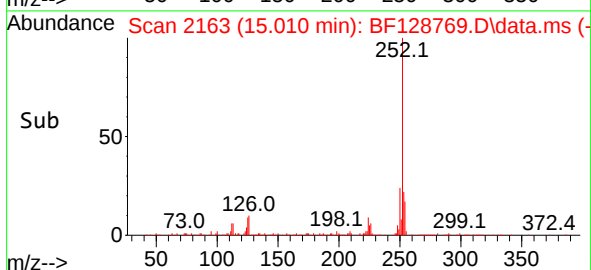
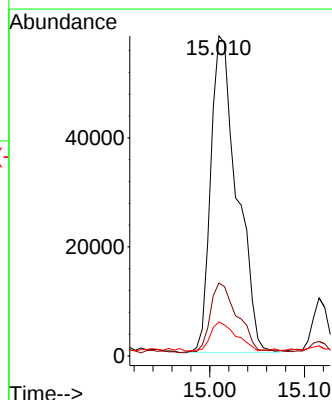
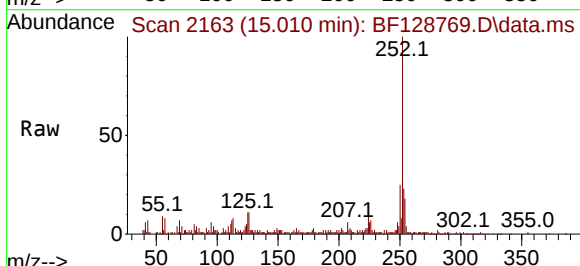
Tgt Ion:252 Resp: 112116

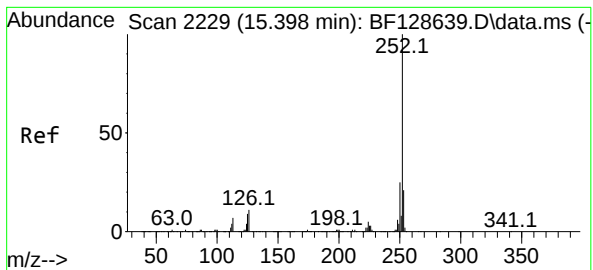
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 10.7 8.3 12.5





#90
 Benzo(a)pyrene
 Concen: 11.174 ng
 RT: 15.368 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF128769.D
 Acq: 10 Jun 2022 20:15

Instrument :
 BNA_F
 ClientSampleId :
 SC-15

Tgt Ion:252	Resp:	75369
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.0 25.6
125	10.1	8.8 13.2

