

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128770.D
 Acq On : 10 Jun 2022 20:44
 Operator : CG\JU
 Sample : N3302-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-1

Quant Time: Jun 11 01:28:15 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)

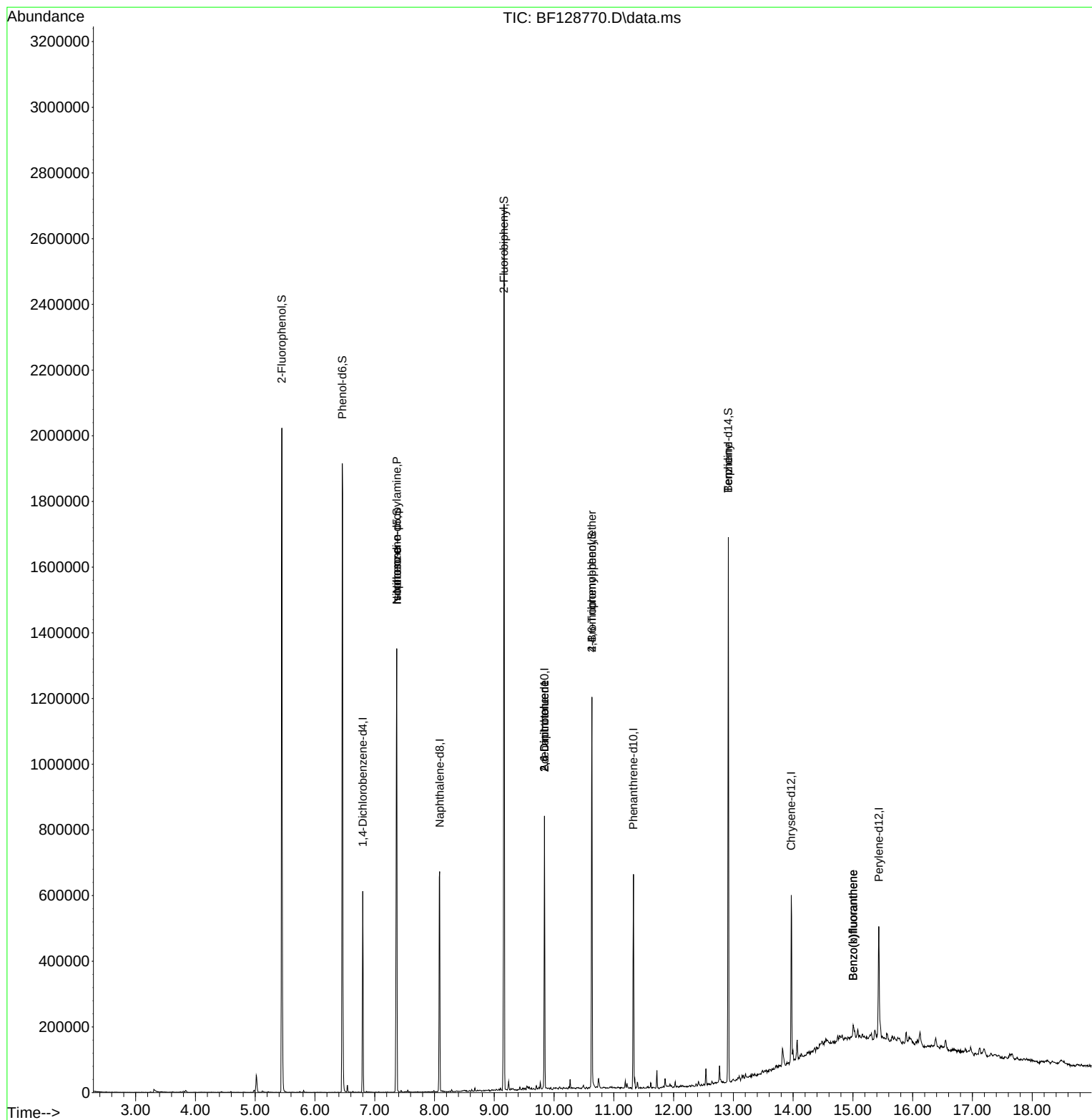
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	75489	20.000	ng	-0.01
21) Naphthalene-d8	8.087	136	287069	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	145630	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	215678	20.000	ng	#-0.01
76) Chrysene-d12	13.969	240	176835	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	155314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	472752	99.752	ng	-0.01
7) Phenol-d6	6.457	99	588531	101.732	ng	-0.02
23) Nitrobenzene-d5	7.369	82	417705	67.746	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	133698	77.700	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	718172	69.080	ng	-0.01
79) Terphenyl-d14	12.916	244	515198	50.625	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	58389	16.233	ng	# 78
25) Isophorone	7.369	82	417281	44.560	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	18744	9.527	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	18744	7.139	ng	# 22
67) 4-Bromophenyl-phenylether	10.633	248	8546	3.553	ng	# 1
77) Benzidine	12.916	184	7859	2.229	ng	# 94
88) Benzo(b)fluoranthene	15.004	252	23682	2.386	ng	# 88
89) Benzo(k)fluoranthene	15.004	252	23682	2.537	ng	# 89

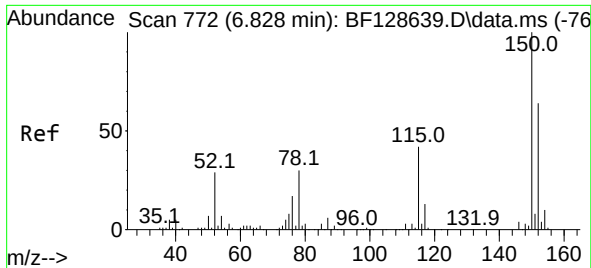
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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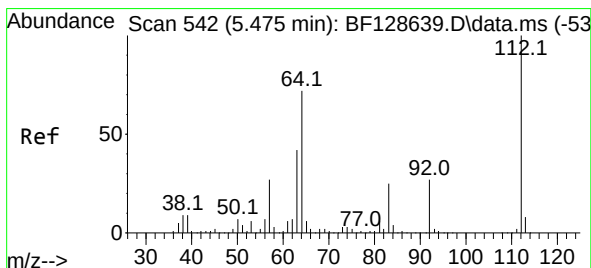
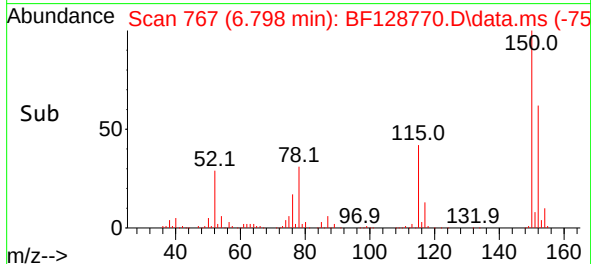
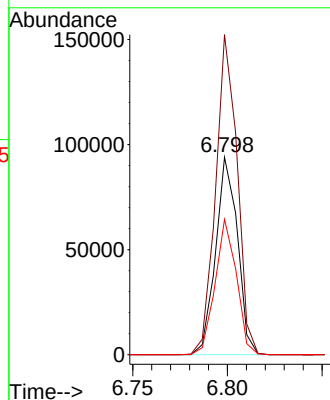
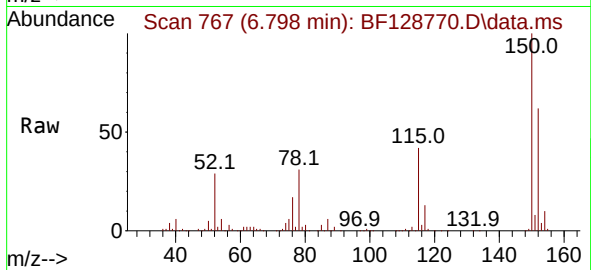




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

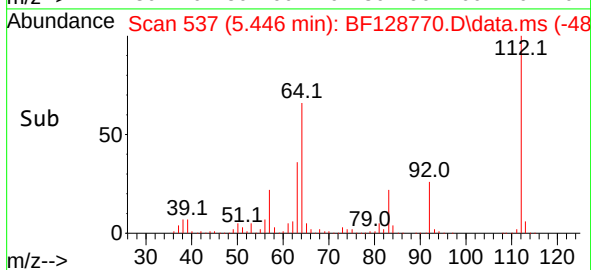
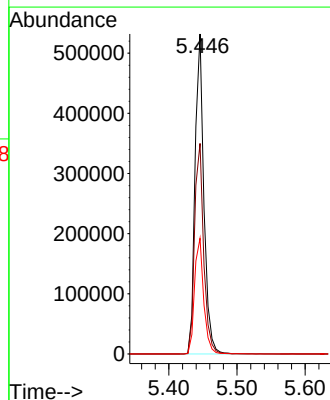
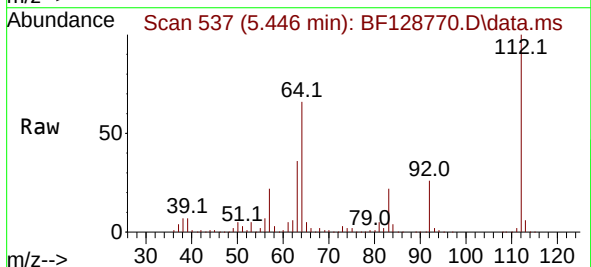
Instrument :
BNA_F
ClientSampleId :
I-1

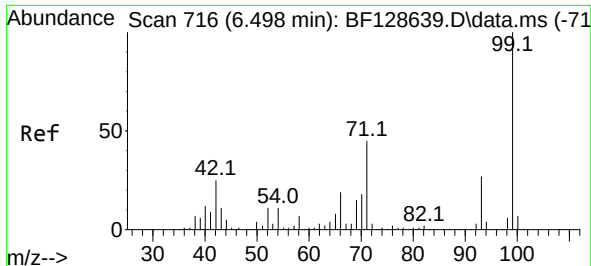
Tgt Ion:152 Resp: 75489
Ion Ratio Lower Upper
152 100
150 162.0 123.7 185.5
115 68.6 49.9 74.9



#5
2-Fluorophenol
Concen: 99.752 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

Tgt Ion:112 Resp: 472752
Ion Ratio Lower Upper
112 100
64 65.8 53.3 79.9
63 36.2 28.0 42.0

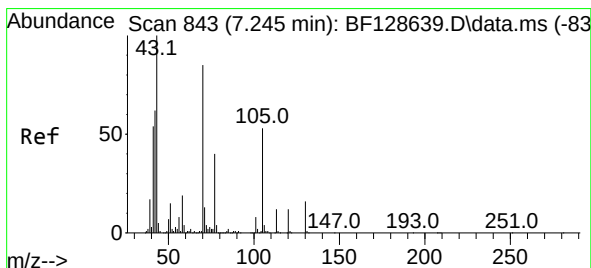
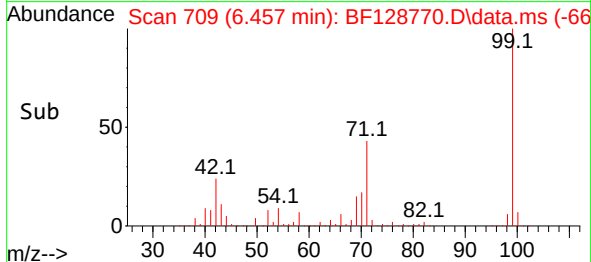
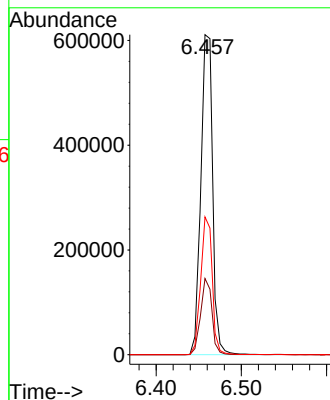
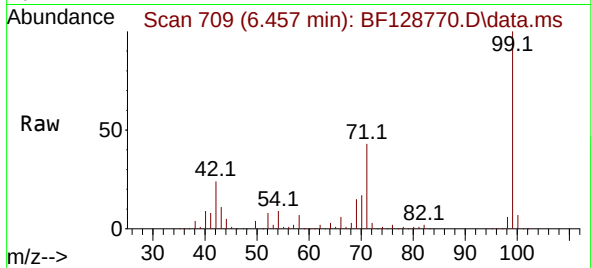




#7
Phenol-d6
Concen: 101.732 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.024 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

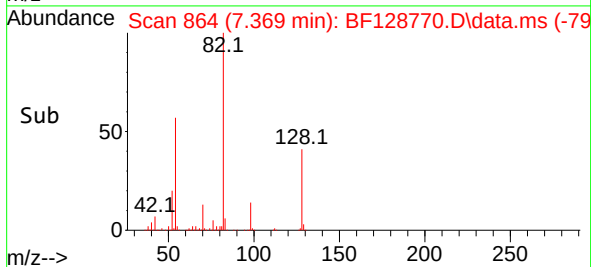
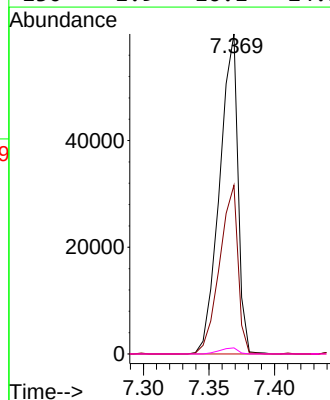
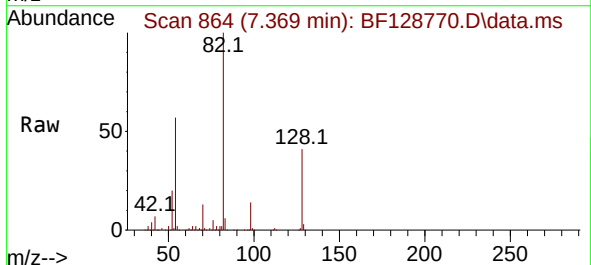
Instrument :
BNA_F
ClientSampleId :
I-1

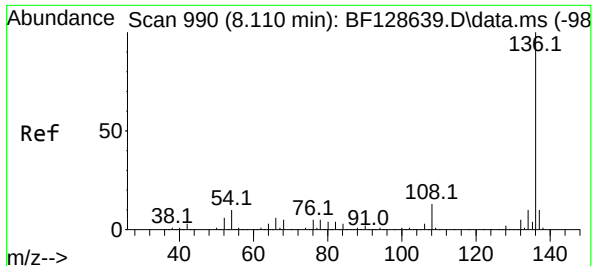
Tgt Ion: 99 Resp: 588531
Ion Ratio Lower Upper
99 100
42 23.8 17.3 25.9
71 43.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.233 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

Tgt Ion: 70 Resp: 58389
Ion Ratio Lower Upper
70 100
42 52.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128770.D

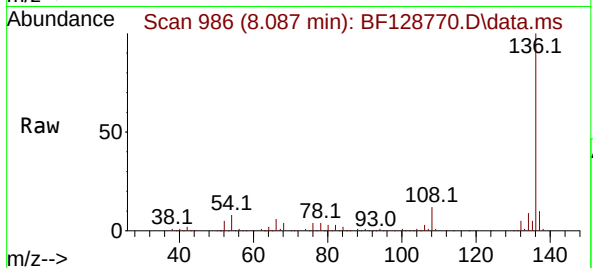
Acq: 10 Jun 2022 20:44

Instrument :

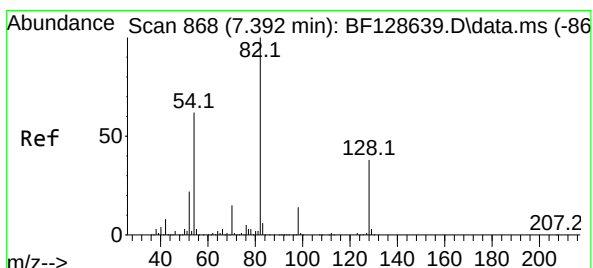
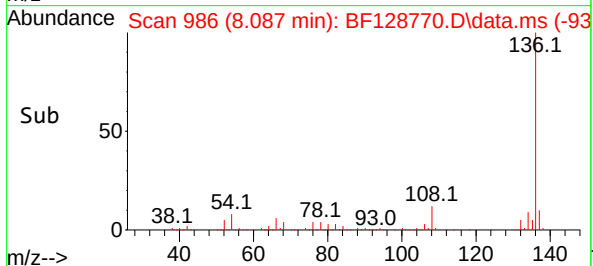
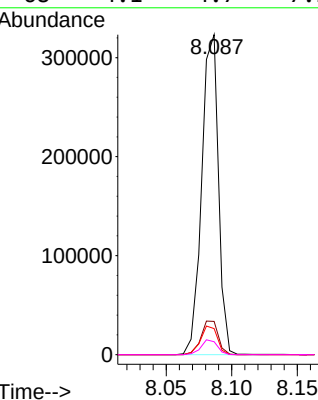
BNA_F

ClientSampleId :

I-1



Tgt Ion:	136	Resp:	287069
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.8	13.2
54	8.1	7.5	11.3
68	4.1	4.7	7.1



#23

Nitrobenzene-d5

Concen: 67.746 ng

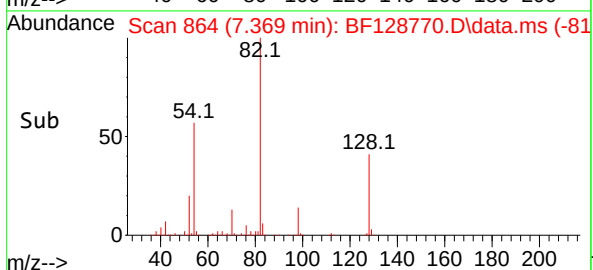
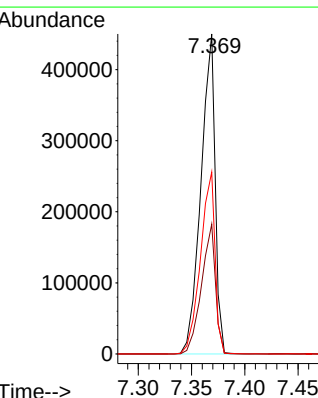
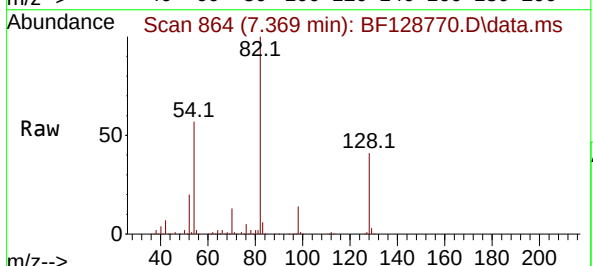
RT: 7.369 min Scan# 864

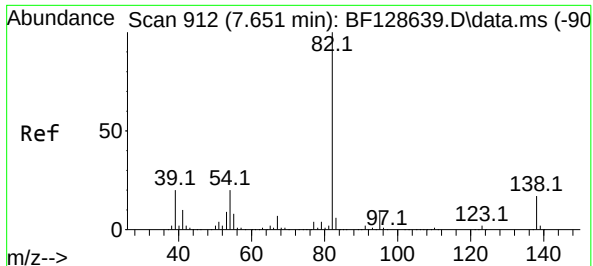
Delta R.T. -0.012 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Tgt Ion:	82	Resp:	417705
Ion Ratio	Lower	Upper	
82	100		
128	40.6	34.0	51.0
54	56.8	46.9	70.3

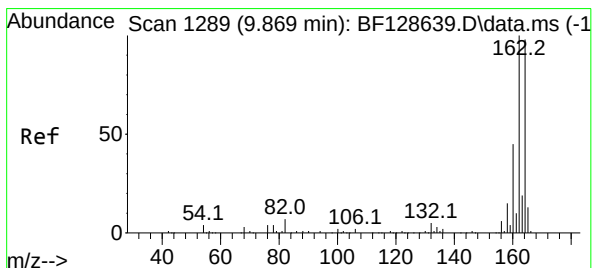
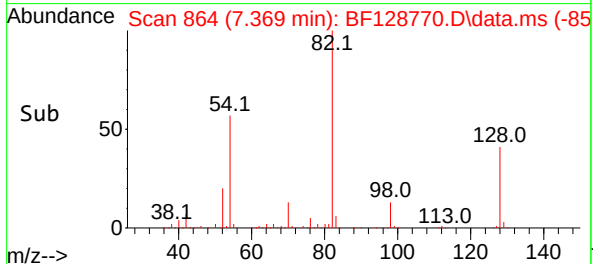
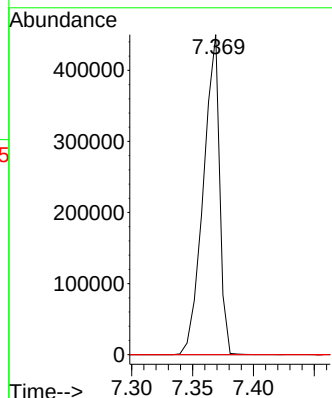
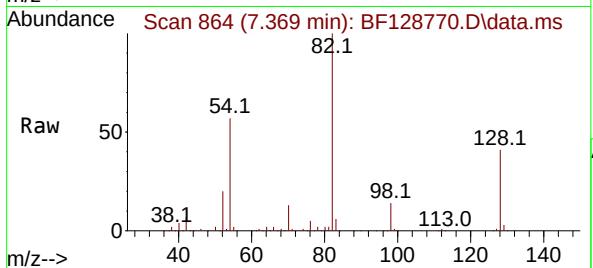




#25
Isophorone
Concen: 44.560 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

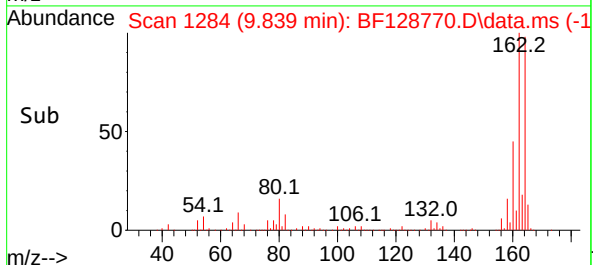
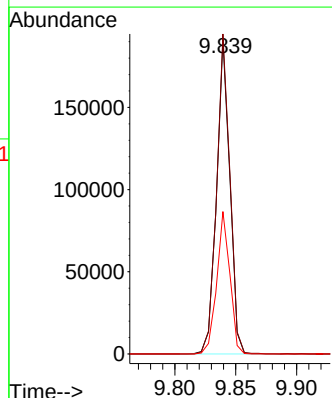
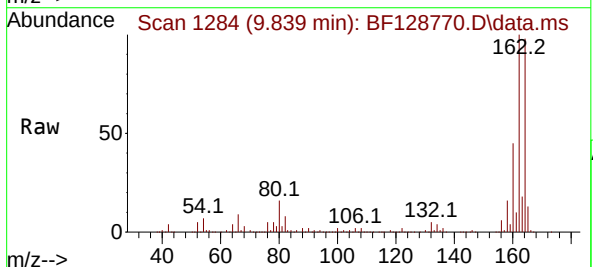
Instrument :
BNA_F
ClientSampleId :
I-1

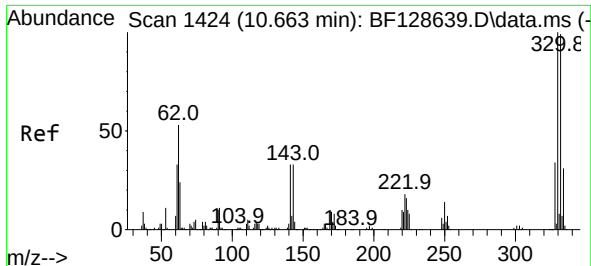
Tgt Ion: 82 Resp: 417281
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

Tgt Ion:164 Resp: 145630
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 77.700 ng

RT: 10.633 min Scan# 1424

Delta R.T. -0.018 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Instrument :

BNA_F

ClientSampleId :

I-1

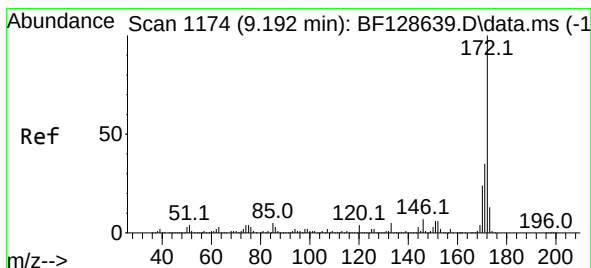
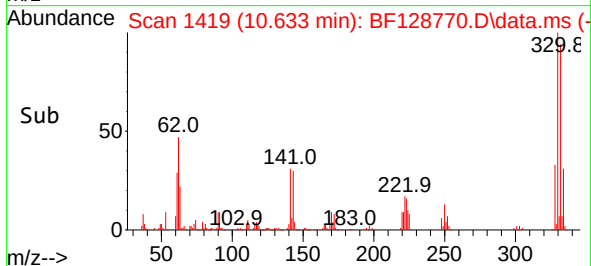
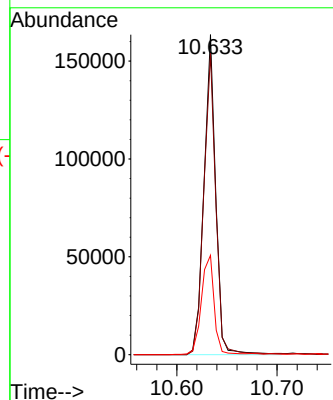
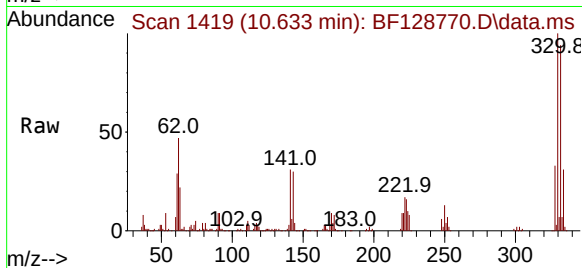
Tgt Ion:330 Resp: 133698

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 34.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 69.080 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

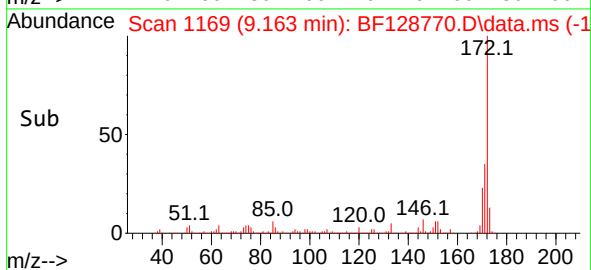
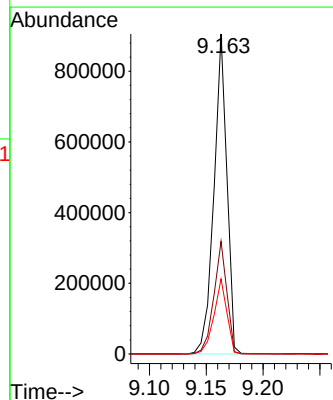
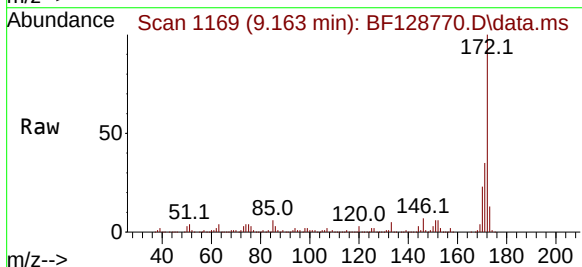
Tgt Ion:172 Resp: 718172

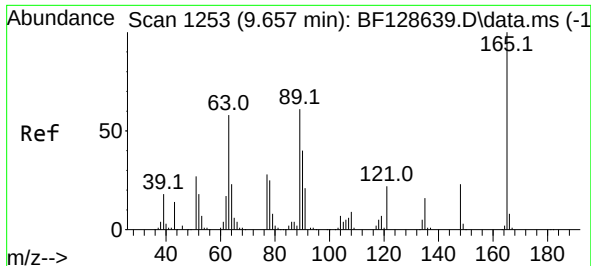
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.527 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.194 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Instrument :

BNA_F

ClientSampleId :

I-1

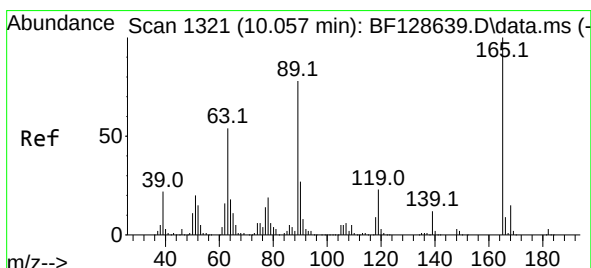
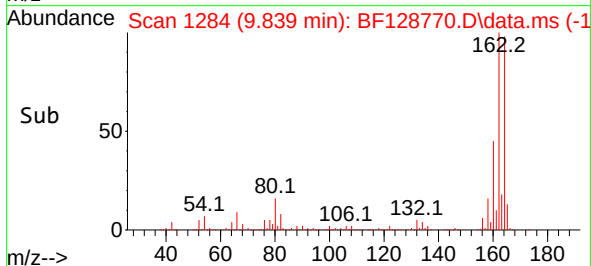
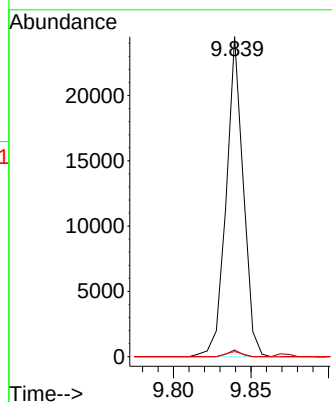
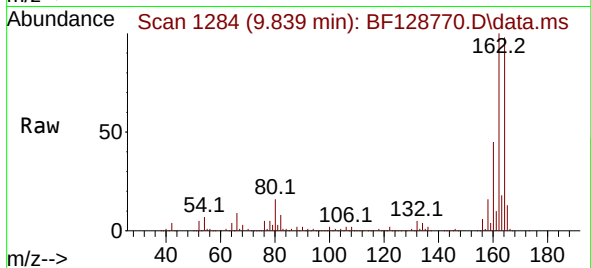
Tgt Ion:165 Resp: 18744

Ion Ratio Lower Upper

165 100

63 2.1 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.139 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.206 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Tgt Ion:165 Resp: 18744

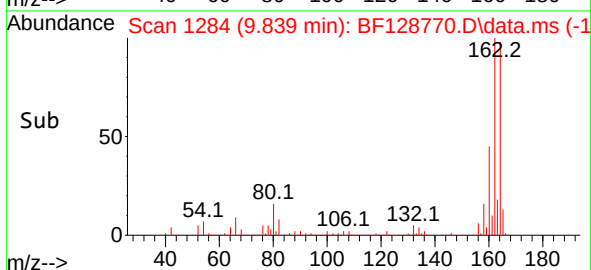
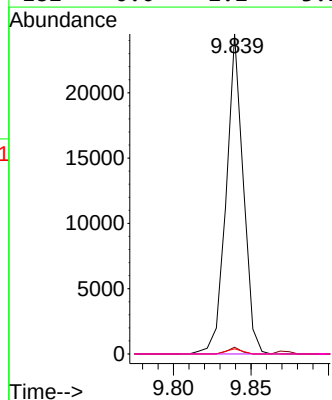
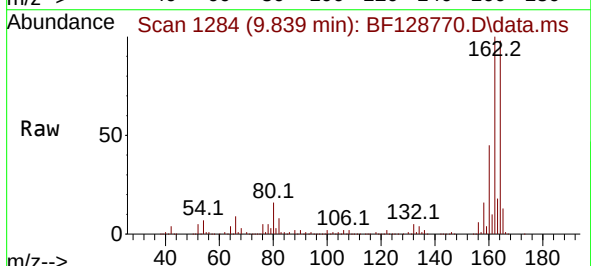
Ion Ratio Lower Upper

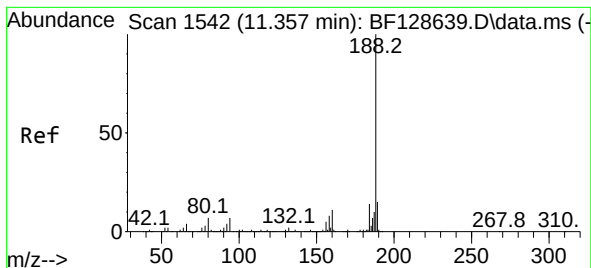
165 100

63 2.1 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: 11.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128770.D

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I-1

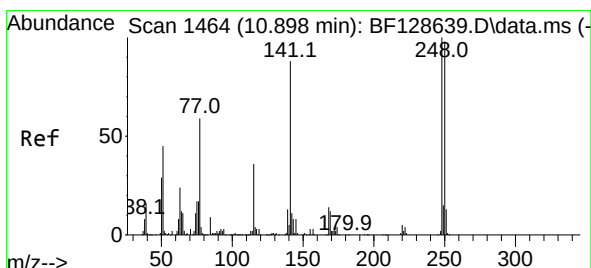
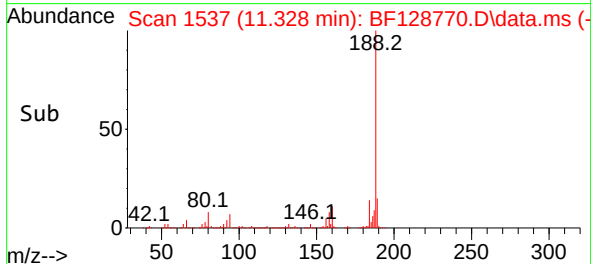
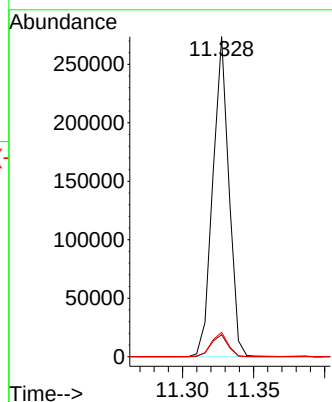
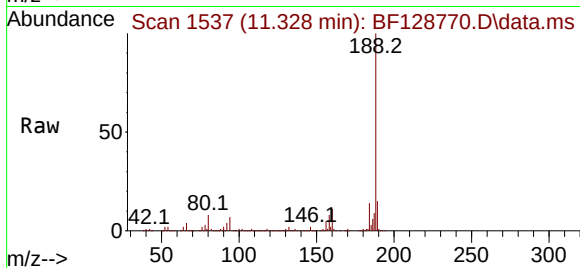
Tgt Ion:188 Resp: 215678

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.6#

80 7.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.553 ng

RT: 10.633 min Scan# 1419

Delta R.T. -0.253 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

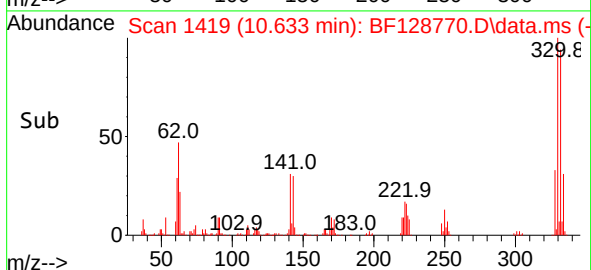
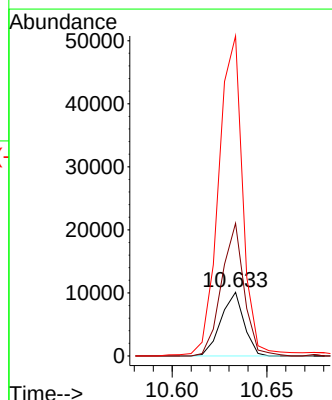
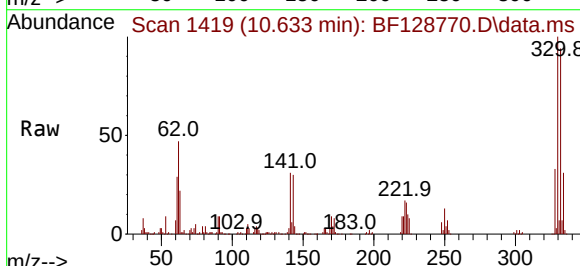
Tgt Ion:248 Resp: 8546

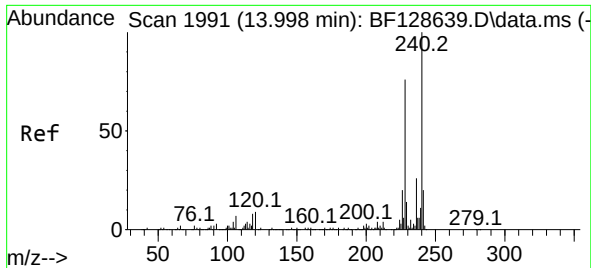
Ion Ratio Lower Upper

248 100

250 208.3 80.6 120.8#

141 502.7 58.9 88.3#

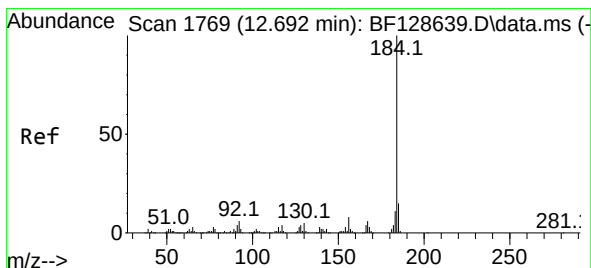
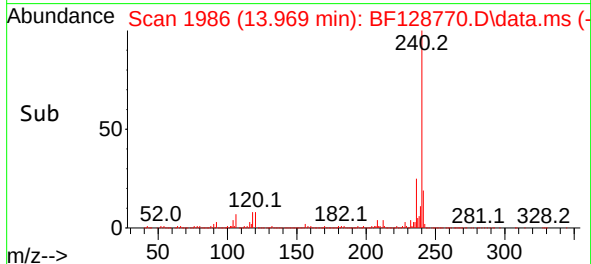
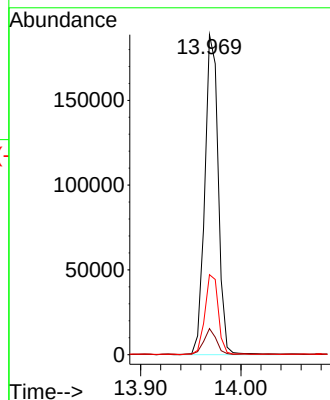
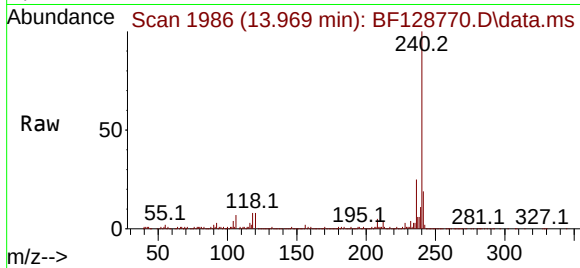




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1807
Delta R.T. -0.018 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

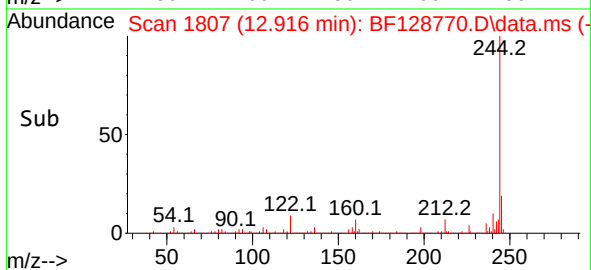
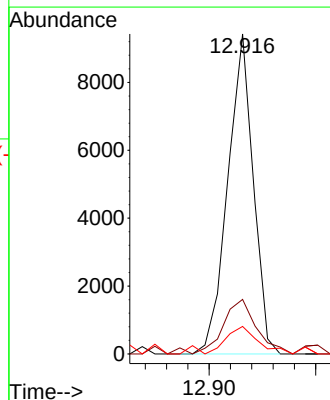
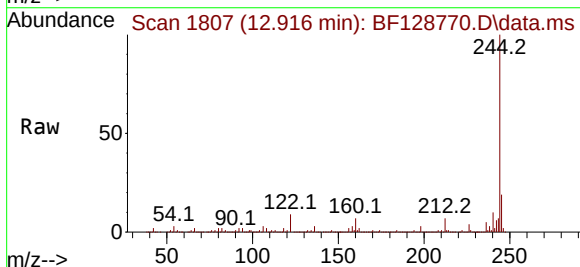
Instrument :
BNA_F
ClientSampleId :
I-1

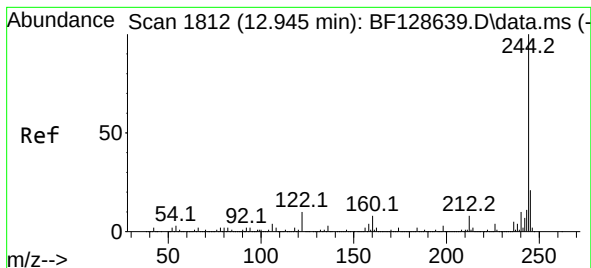
Tgt Ion:240 Resp: 176835
Ion Ratio Lower Upper
240 100
120 8.2 8.9 13.3#
236 25.0 20.8 31.2



#77
Benzidine
Concen: 2.229 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.235 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

Tgt Ion:184 Resp: 7859
Ion Ratio Lower Upper
184 100
185 17.0 11.9 17.9
183 8.6 9.3 13.9#





#79

Terphenyl-d14

Concen: 50.625 ng

RT: 12.916 min Scan# 1812

Delta R.T. -0.018 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Instrument :

BNA_F

ClientSampleId :

1-1

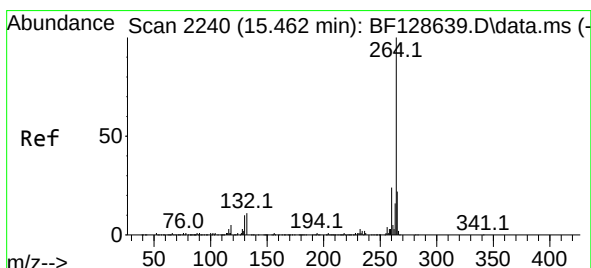
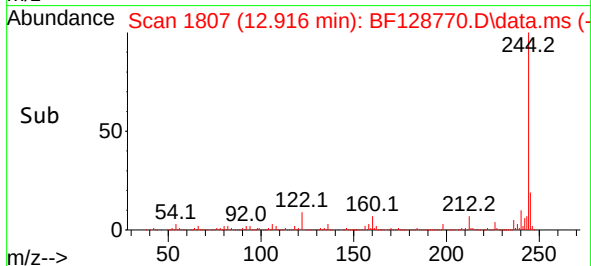
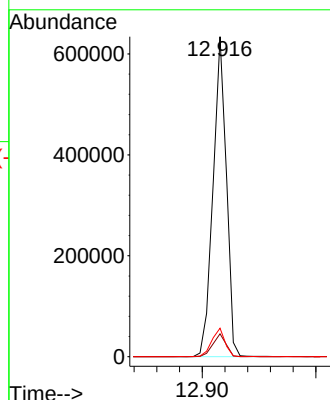
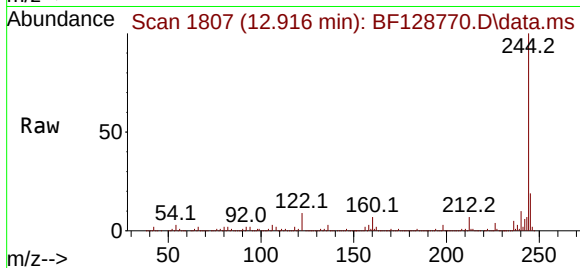
Tgt Ion:244 Resp: 515198

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 8.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2235

Delta R.T. -0.012 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

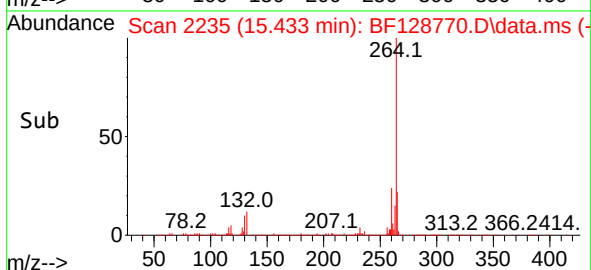
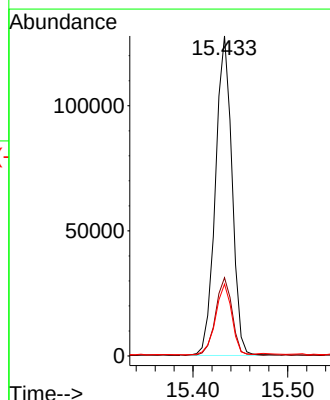
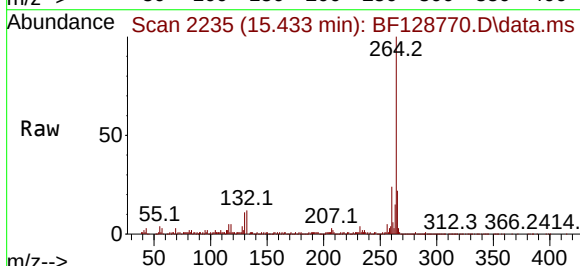
Tgt Ion:264 Resp: 155314

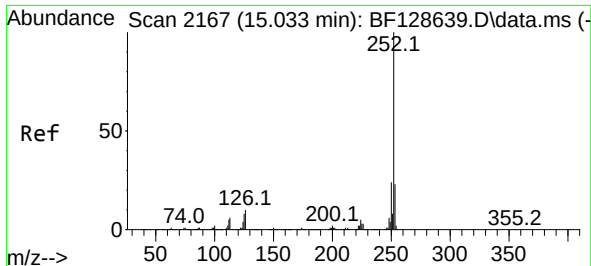
Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.5 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.386 ng

RT: 15.004 min Scan# 2162

Delta R.T. -0.018 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Instrument :

BNA_F

ClientSampleId :

I-1

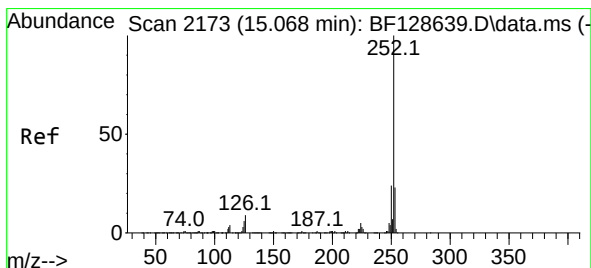
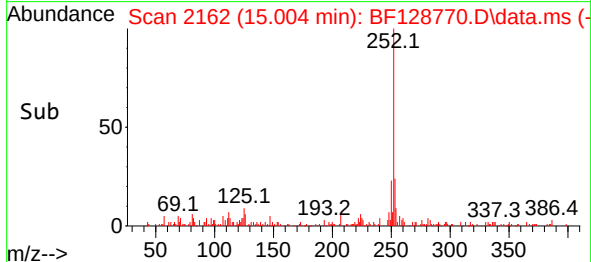
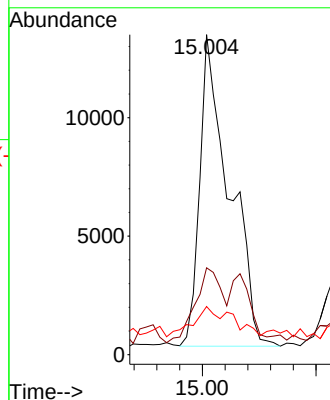
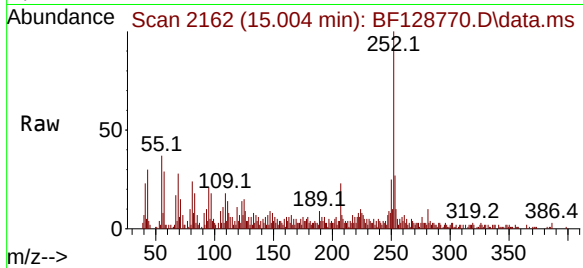
Tgt Ion:252 Resp: 23682

Ion Ratio Lower Upper

252 100

253 27.2 17.7 26.5#

125 15.1 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 2.537 ng

RT: 15.004 min Scan# 2162

Delta R.T. -0.047 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Tgt Ion:252 Resp: 23682

Ion Ratio Lower Upper

252 100

253 27.2 17.8 26.6#

125 15.1 8.3 12.5#

