

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128654.D
 Acq On : 02 Jun 2022 23:10
 Operator : CG\JU
 Sample : N3099-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220426-AMENDED-COMPOSITE-F

Quant Time: Jun 03 03:27:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

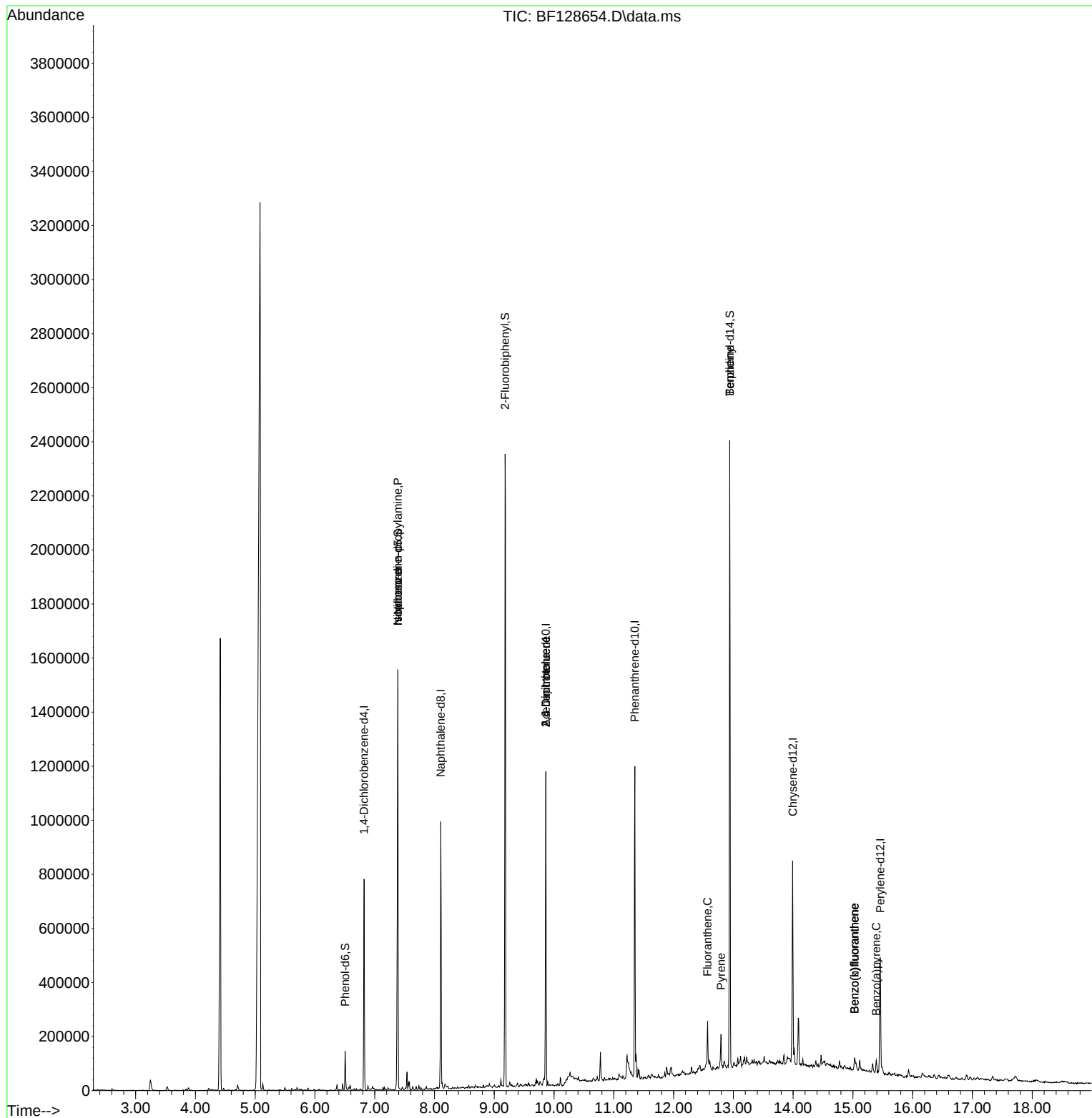
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	97192	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	371790	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	208766	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	385973	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	232785	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	188397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2706	0.443	ng	0.02
7) Phenol-d6	6.504	99	36295	4.873	ng	0.00
23) Nitrobenzene-d5	7.387	82	450915	56.467	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	332	0.135	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	708028	47.508	ng	-0.01
79) Terphenyl-d14	12.939	244	732291	54.662	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	66439	14.346	ng	# 80
25) Isophorone	7.387	82	449859	37.092	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	26804	9.504	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	26804	7.121	ng	# 22
75) Fluoranthene	12.569	202	47291	2.337	ng	94
77) Benzidine	12.939	184	12207	2.631	ng	# 93
78) Pyrene	12.792	202	48578	2.805	ng	99
88) Benzo(b)fluoranthene	15.027	252	33304	2.766	ng	98
89) Benzo(k)fluoranthene	15.027	252	33304	2.941	ng	98
90) Benzo(a)pyrene	15.392	252	21088	2.229	ng	99

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

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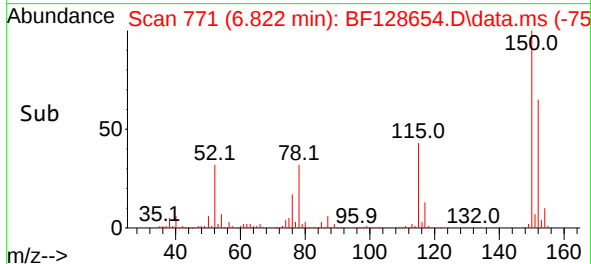
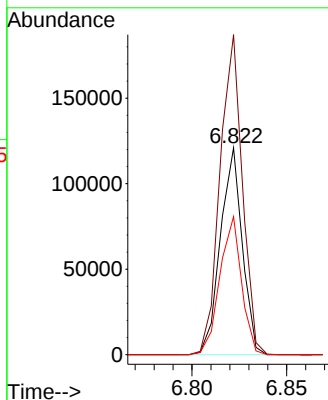
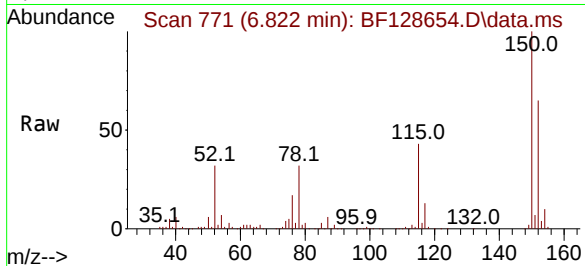




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

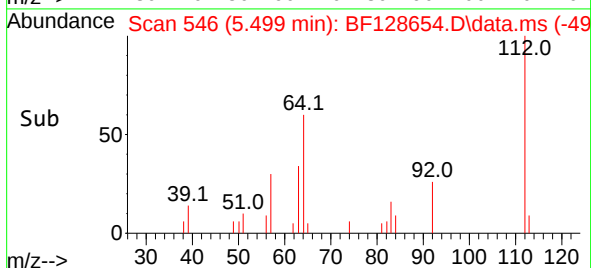
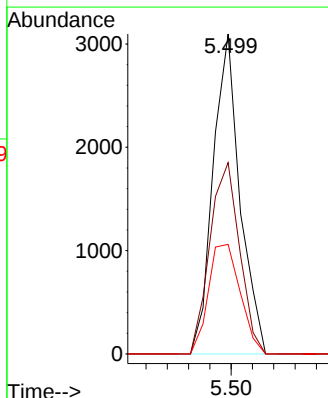
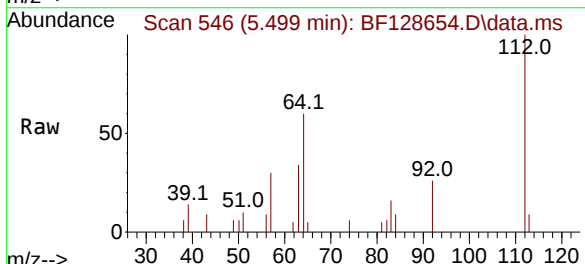
Instrument :
BNA_F
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20220426-AMENDED-COMPOSITE-F

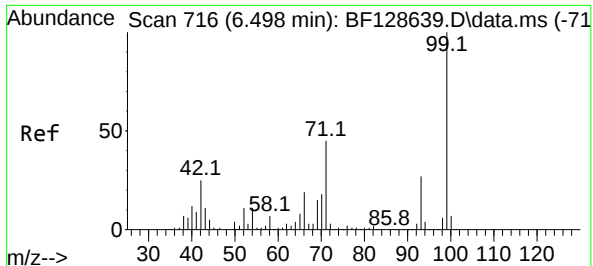
Tgt Ion:152 Resp: 97192
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 66.8 49.9 74.9



#5
2-Fluorophenol
Concen: 0.443 ng
RT: 5.499 min Scan# 546
Delta R.T. 0.024 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Tgt Ion:112 Resp: 2706
Ion Ratio Lower Upper
112 100
64 59.8 53.3 79.9
63 34.3 28.0 42.0

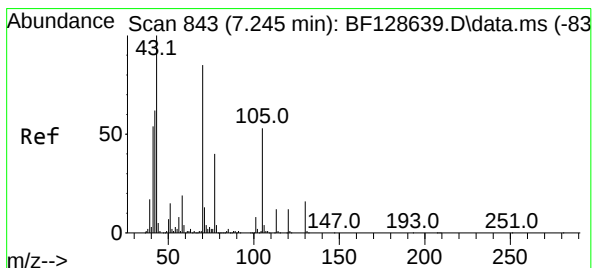
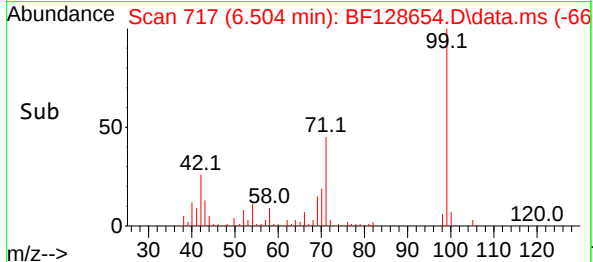
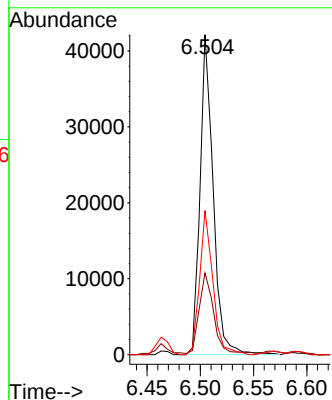
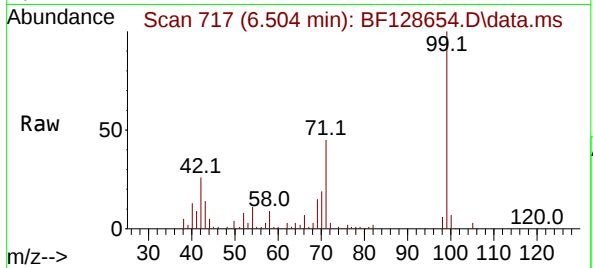




#7
Phenol-d6
Concen: 4.873 ng
RT: 6.504 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

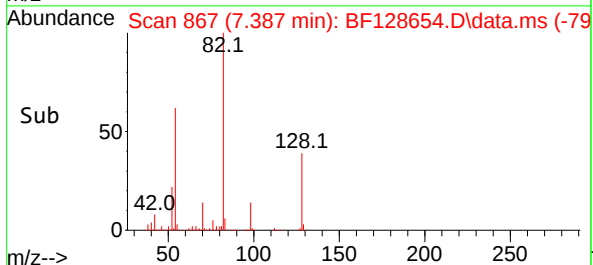
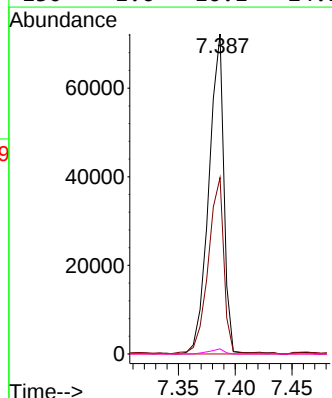
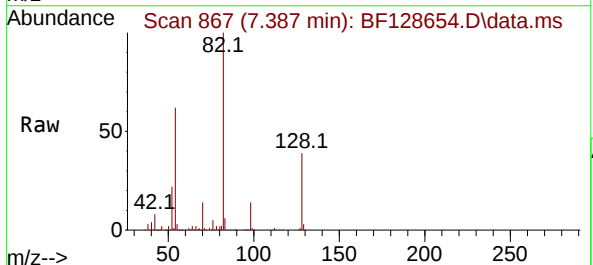
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F

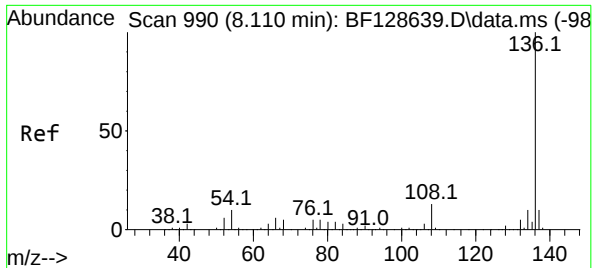
Tgt Ion: 99 Resp: 36295
Ion Ratio Lower Upper
99 100
42 25.6 17.3 25.9
71 45.0 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.346 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Tgt Ion: 70 Resp: 66439
Ion Ratio Lower Upper
70 100
42 55.1 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

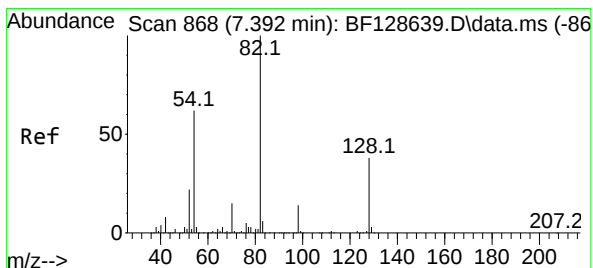
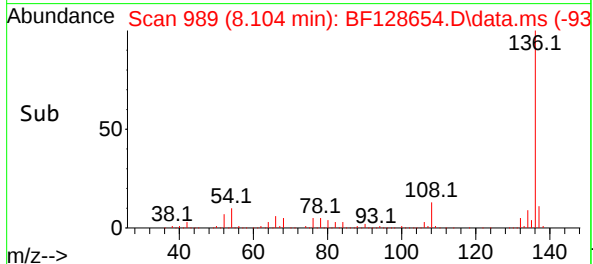
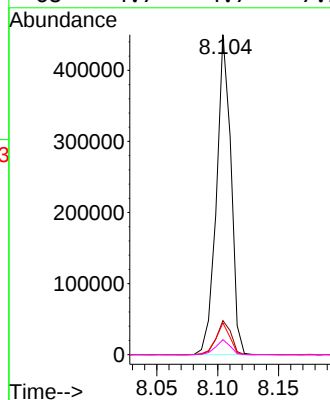
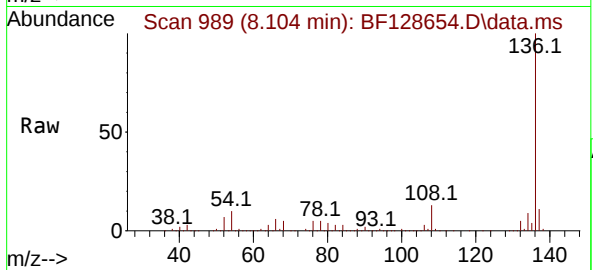




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

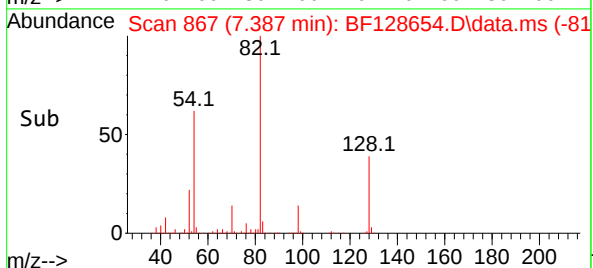
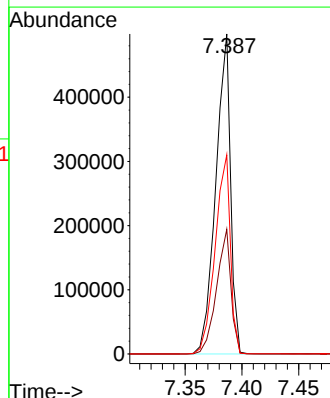
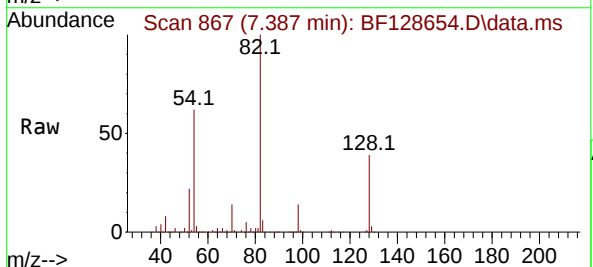
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F

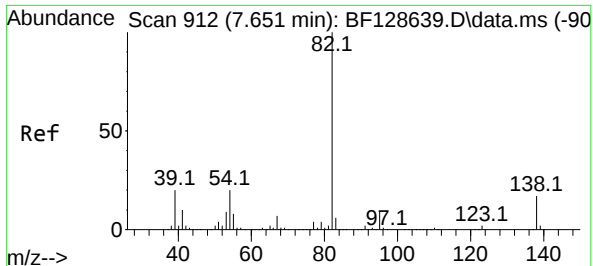
Tgt Ion:	136	Resp:	371790
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.9	7.5	11.3
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 56.467 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Tgt Ion:	82	Resp:	450915
Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.0	51.0
54	62.2	46.9	70.3

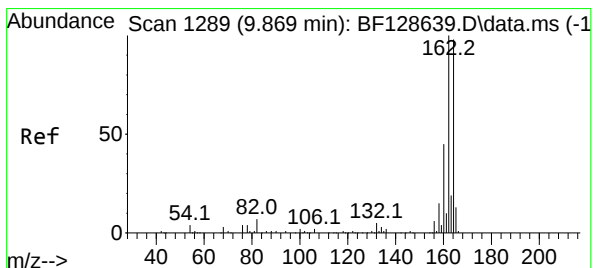
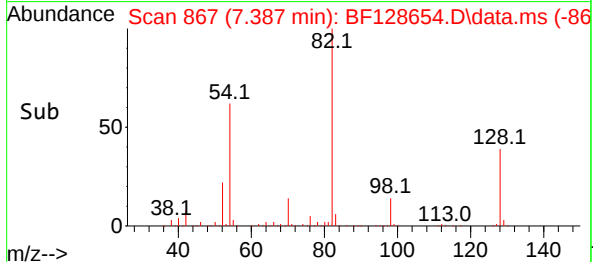
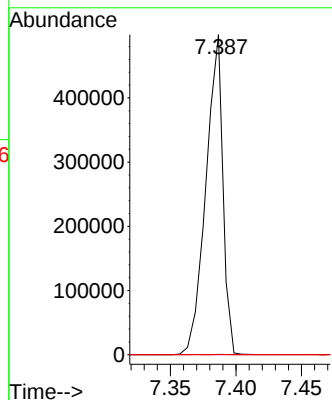
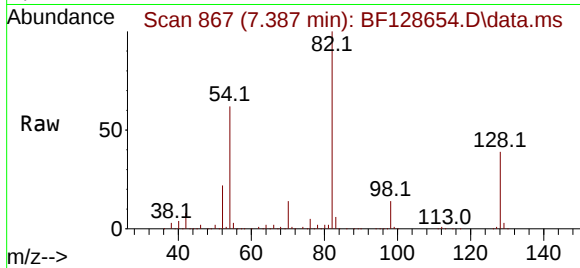




#25
Isophorone
Concen: 37.092 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

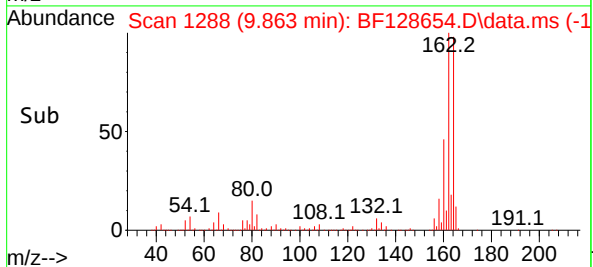
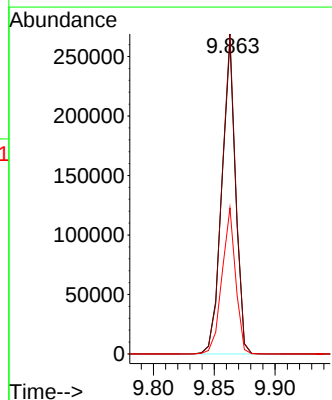
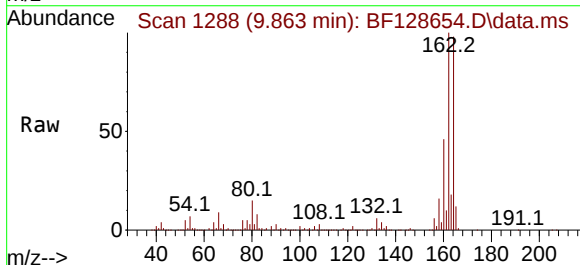
Instrument :
BNA_F
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Tgt Ion: 82 Resp: 449859
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Tgt Ion:164 Resp: 208766
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 46.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 0.135 ng

RT: 10.657 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128654.D

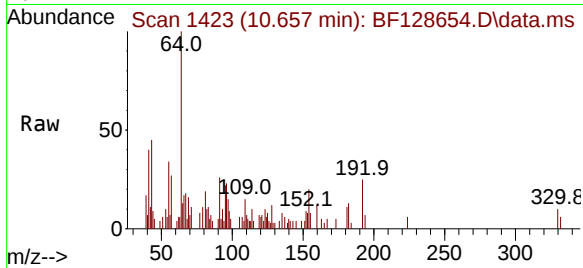
Acq: 02 Jun 2022 23:10

Instrument :

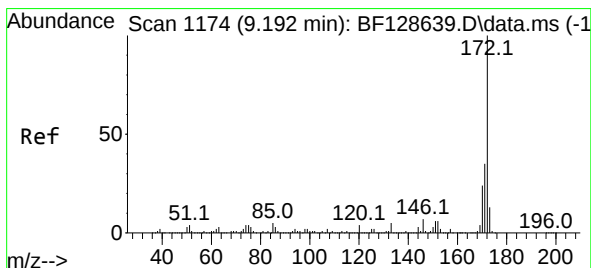
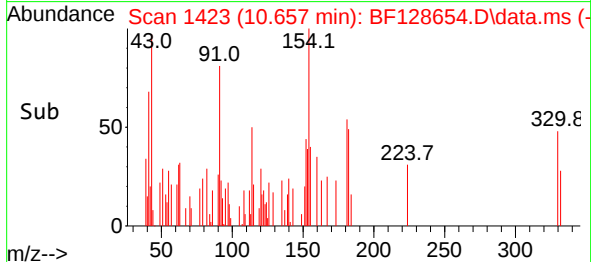
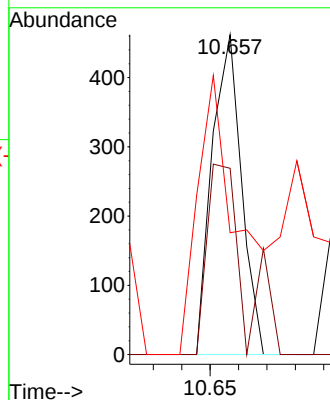
BNA_F

ClientSampleId :

20220426-AMENDED-COMPOSITE-F



Tgt Ion	330	Resp	332
Ion Ratio	100		
Lower	76.8		
Upper	115.2#		
141	121.1	28.0	42.0#



#45

2-Fluorobiphenyl

Concen: 47.508 ng

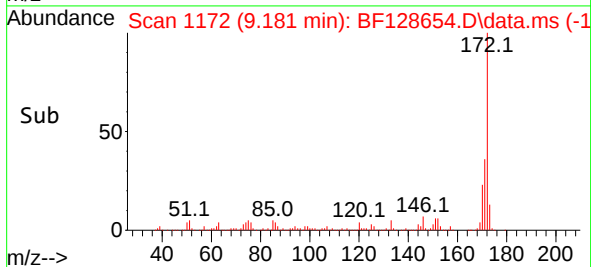
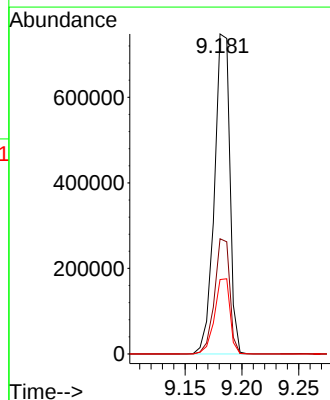
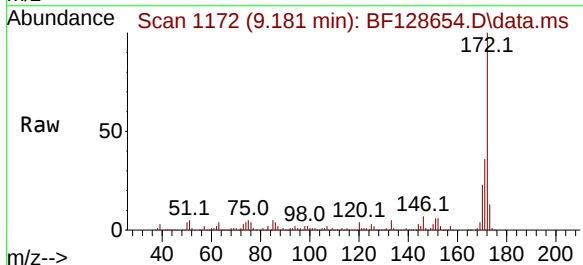
RT: 9.181 min Scan# 1172

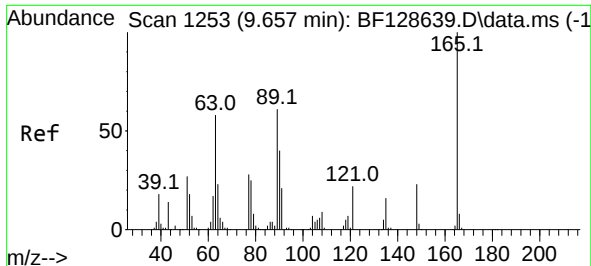
Delta R.T. -0.011 min

Lab File: BF128654.D

Acq: 02 Jun 2022 23:10

Tgt Ion	172	Resp	708028
Ion Ratio	100		
Lower	28.8		
Upper	43.2		
171	36.0	28.8	43.2
170	23.2	19.8	29.8

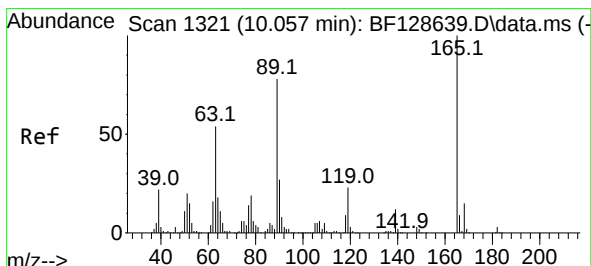
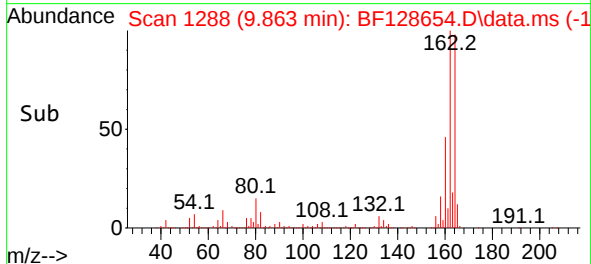
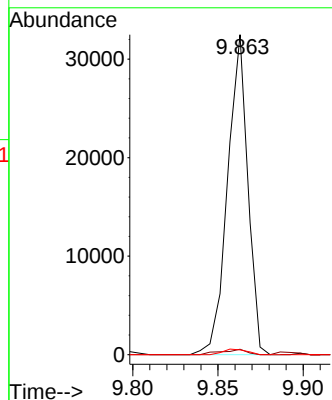
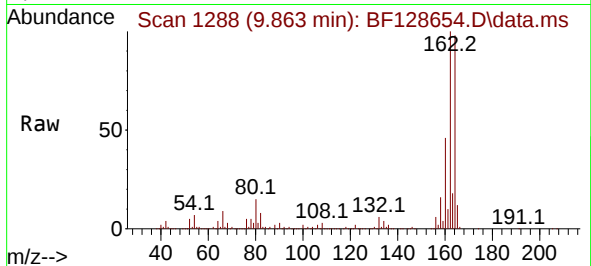




#51
2,6-Dinitrotoluene
Concen: 9.504 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

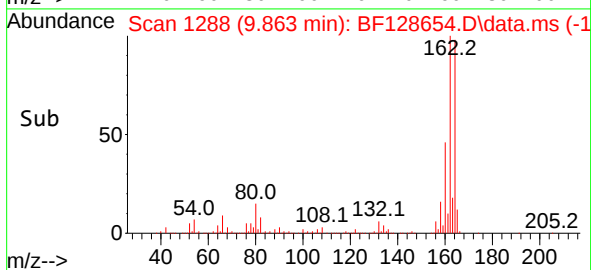
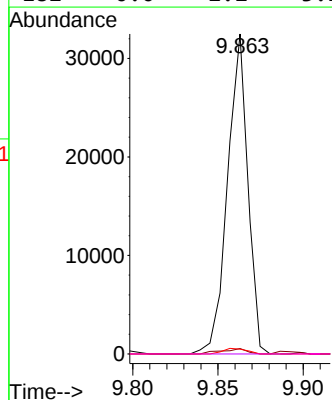
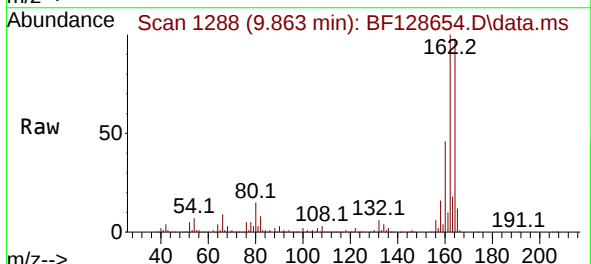
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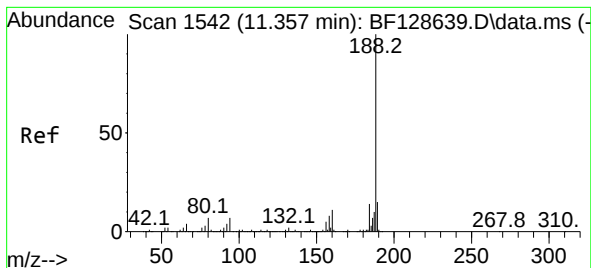
Tgt Ion:165 Resp: 26804
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.121 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Tgt Ion:165 Resp: 26804
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128654.D

Acq: 02 Jun 2022 23:10

Instrument :

BNA_F

ClientSampleId :

20220426-AMENDED-COMPOSITE-F

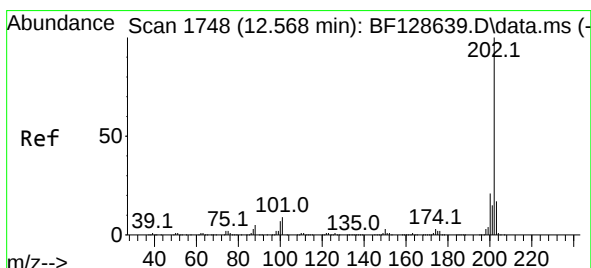
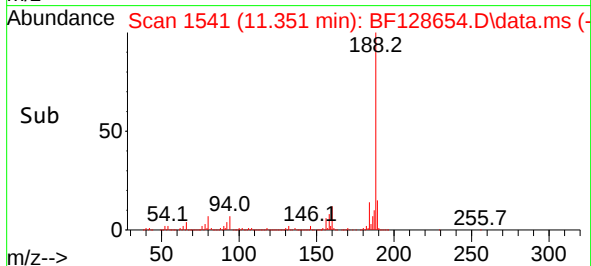
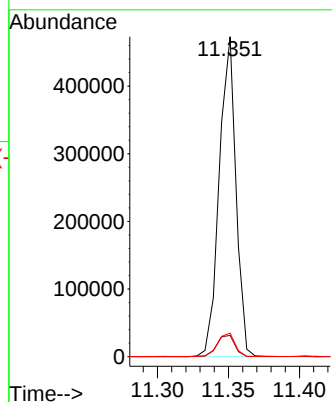
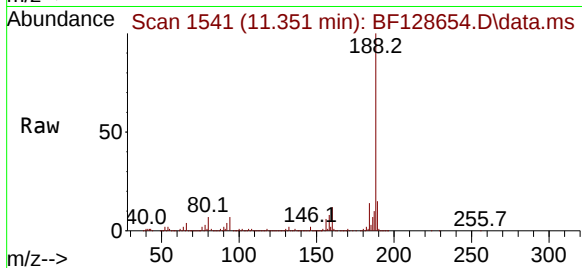
Tgt Ion:188 Resp: 385973

Ion Ratio Lower Upper

188 100

94 6.6 7.0 10.6#

80 7.4 7.6 11.4#



#75

Fluoranthene

Concen: 2.337 ng

RT: 12.569 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BF128654.D

Acq: 02 Jun 2022 23:10

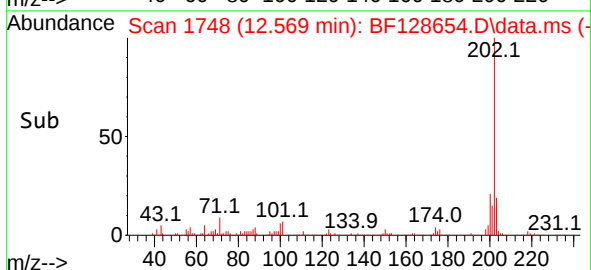
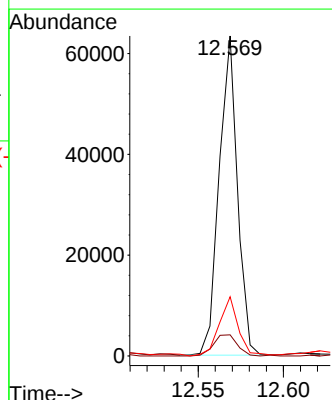
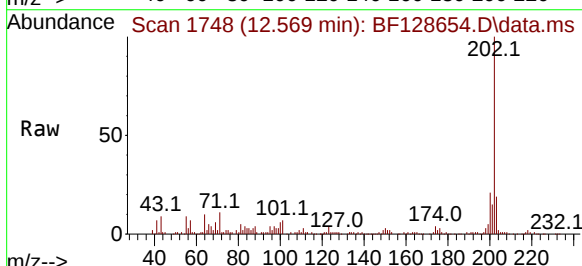
Tgt Ion:202 Resp: 47291

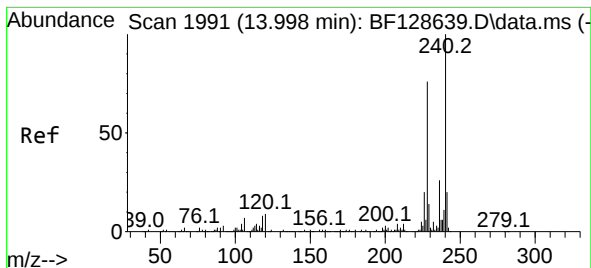
Ion Ratio Lower Upper

202 100

101 6.6 0.0 31.4

203 18.5 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF128654.D

Acq: 02 Jun 2022 23:10

Instrument :

BNA_F

ClientSampleId :

20220426-AMENDED-COMPOSITE-F

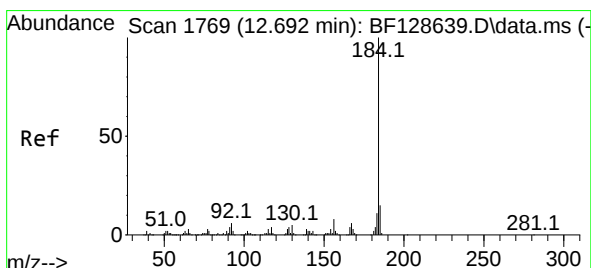
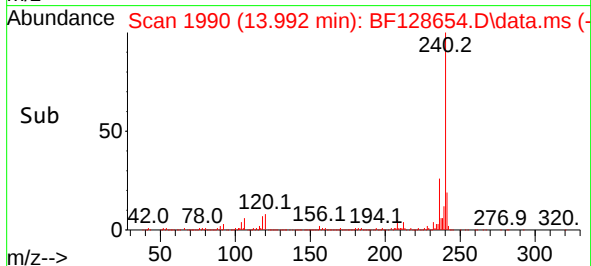
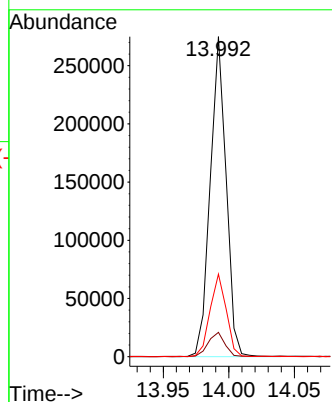
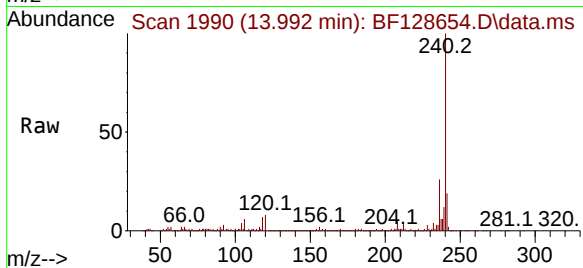
Tgt Ion:240 Resp: 232785

Ion Ratio Lower Upper

240 100

120 7.6 8.9 13.3#

236 25.8 20.8 31.2



#77

Benzidine

Concen: 2.631 ng

RT: 12.939 min Scan# 1811

Delta R.T. 0.247 min

Lab File: BF128654.D

Acq: 02 Jun 2022 23:10

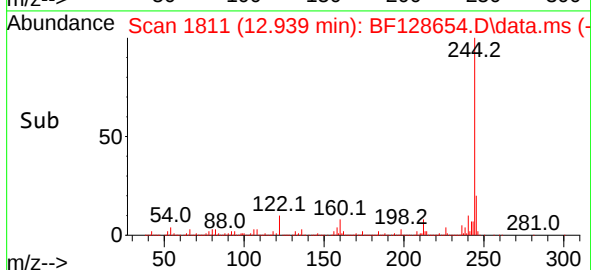
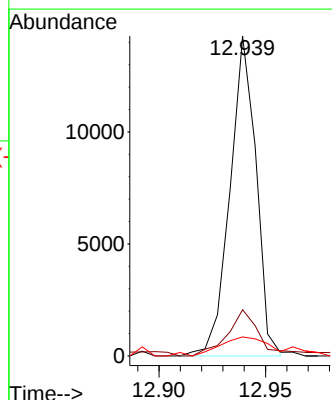
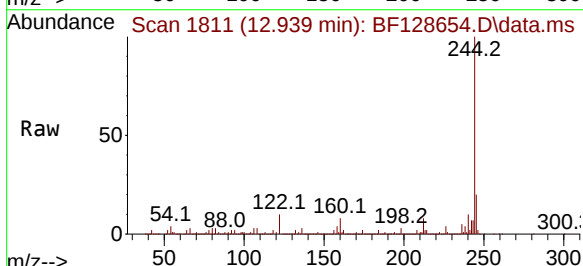
Tgt Ion:184 Resp: 12207

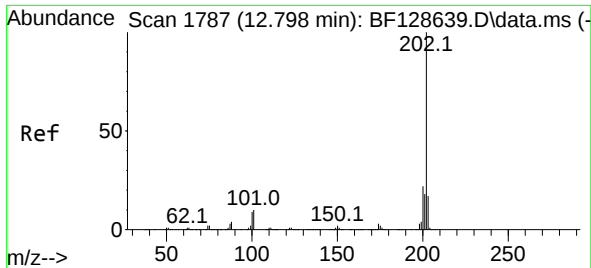
Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 6.0 9.3 13.9#

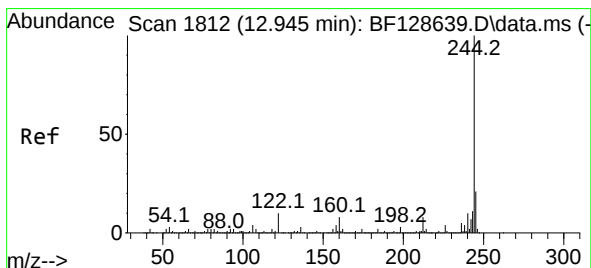
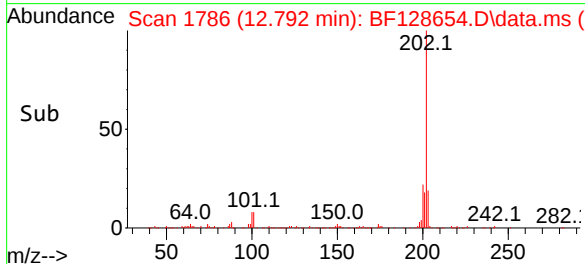
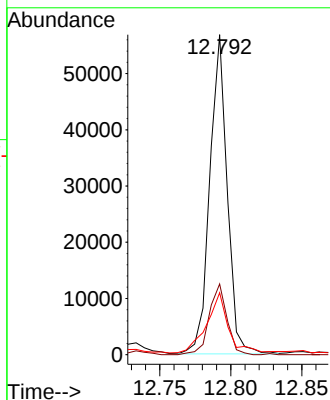
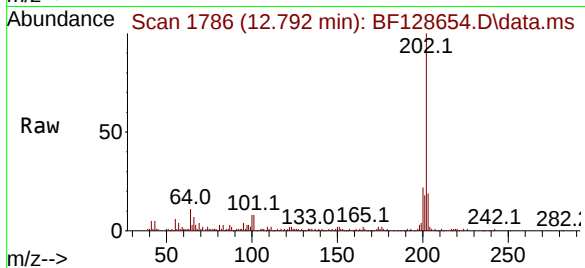




#78
Pyrene
Concen: 2.805 ng
RT: 12.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

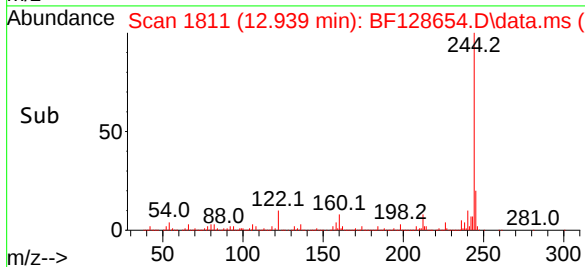
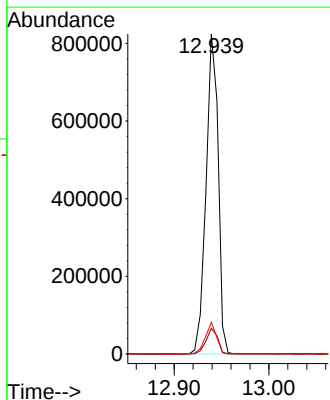
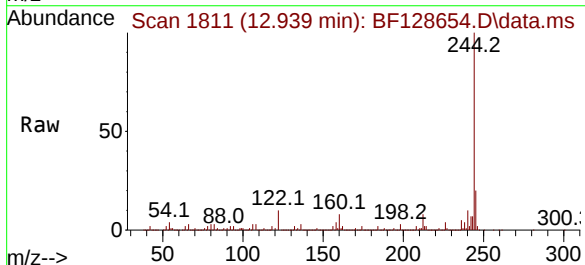
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F

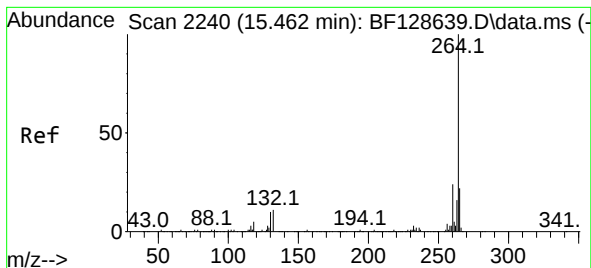
Tgt Ion:202 Resp: 48578
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 19.4 14.6 21.8



#79
Terphenyl-d14
Concen: 54.662 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Tgt Ion:244 Resp: 732291
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 9.9 8.8 13.2



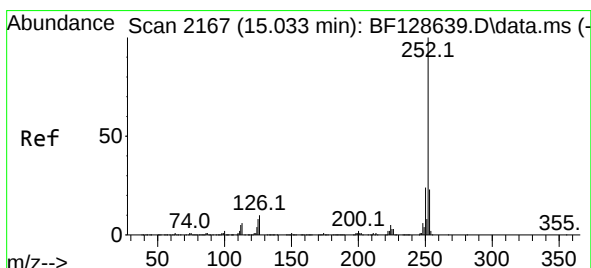
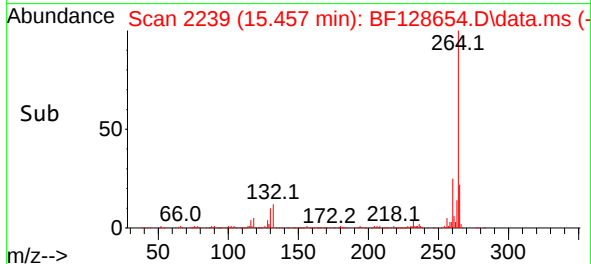
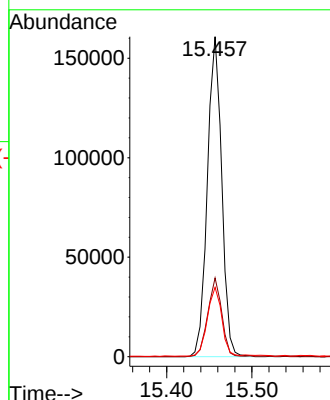
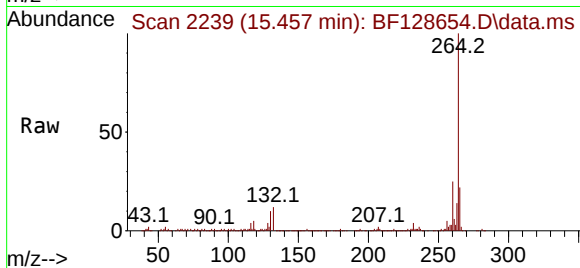


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-F

Tgt Ion:264 Resp: 188397

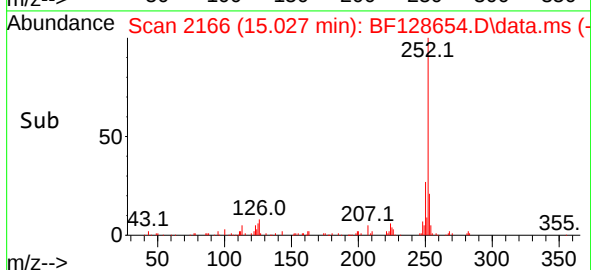
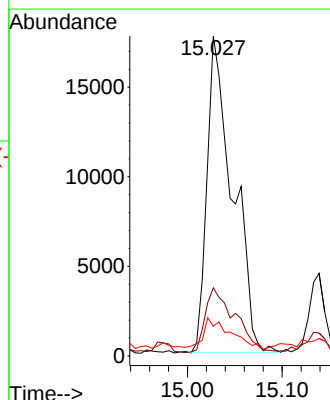
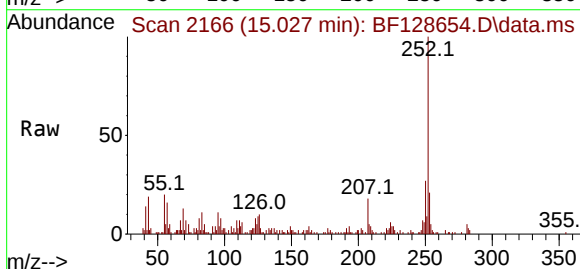
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.7	17.2	25.8

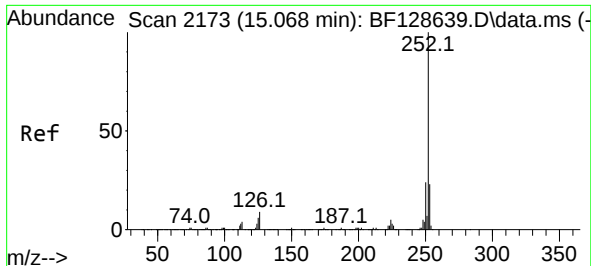


#88
Benzo(b)fluoranthene
Concen: 2.766 ng
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128654.D
Acq: 02 Jun 2022 23:10

Tgt Ion:252 Resp: 33304

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	9.3	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.941 ng

RT: 15.027 min Scan# 2173

Delta R.T. -0.041 min

Lab File: BF128654.D

Acq: 02 Jun 2022 23:10

Instrument :

BNA_F

ClientSampleId :

20220426-AMENDED-COMPOSITE-F

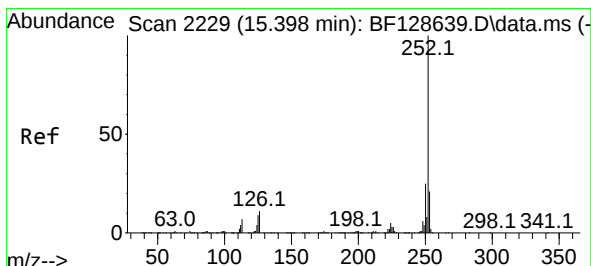
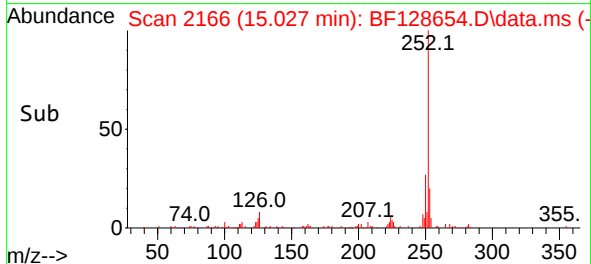
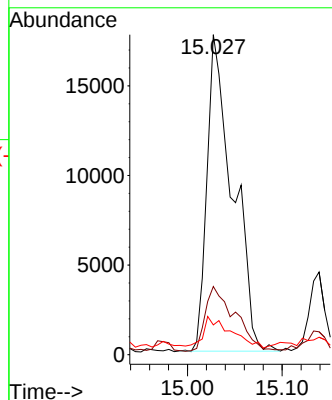
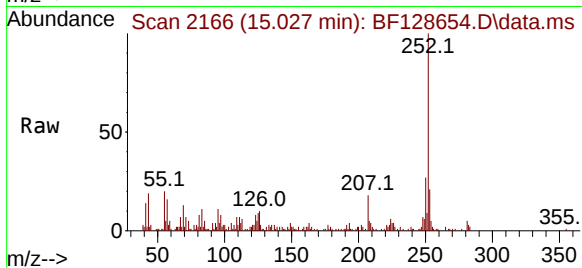
Tgt Ion:252 Resp: 33304

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 9.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 2.229 ng

RT: 15.392 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF128654.D

Acq: 02 Jun 2022 23:10

Tgt Ion:252 Resp: 21088

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 10.8 8.8 13.2

