

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128684.D
 Acq On : 03 Jun 2022 17:39
 Operator : CG\JU
 Sample : N3099-05RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220426-SPLP-AMENDED-COMPOSITE-FRE

Quant Time: Jun 03 23:42:31 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)

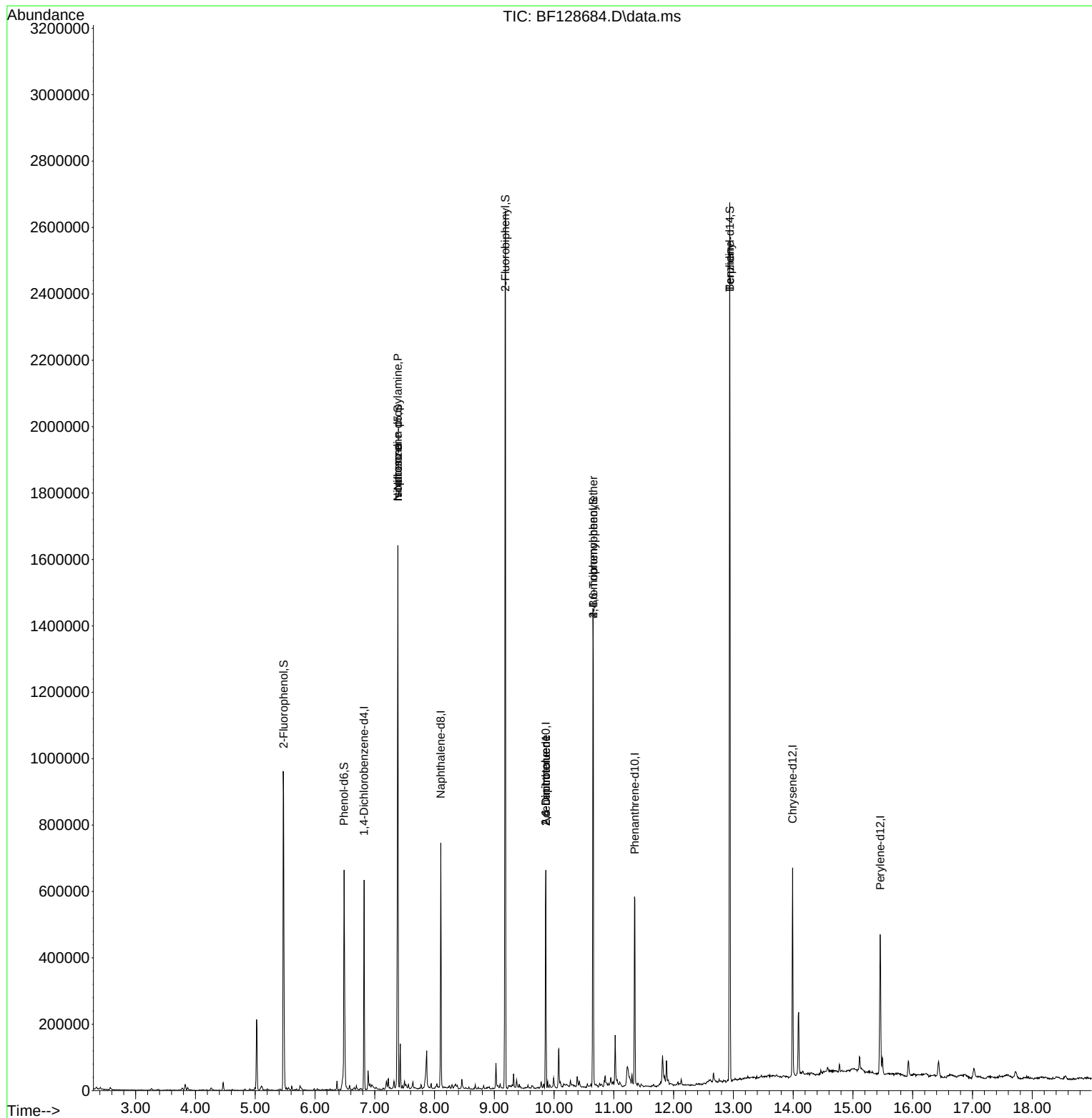
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	72625	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	255997	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	123706	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	204711	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	198050	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	181137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	248175	54.430	ng	0.00
7) Phenol-d6	6.486	99	179197	32.197	ng	-0.01
23) Nitrobenzene-d5	7.386	82	462007	84.026	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	154422	105.649	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	763324	86.436	ng	0.00
79) Terphenyl-d14	12.939	244	822340	72.150	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	67483	19.501	ng	# 83
25) Isophorone	7.386	82	460803	55.180	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	15932	9.533	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	15932	7.143	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	10442	4.574	ng	# 1
77) Benzidine	12.939	184	13736	3.479	ng	# 92

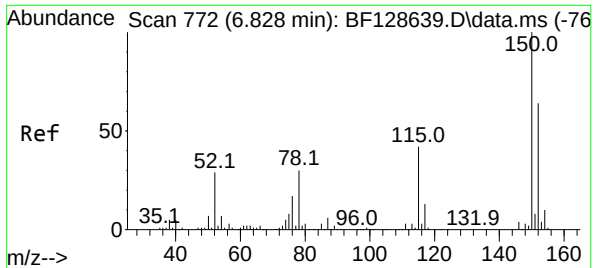
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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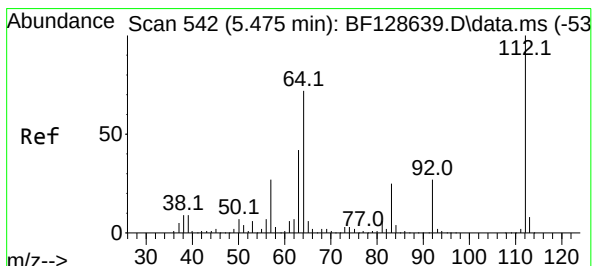
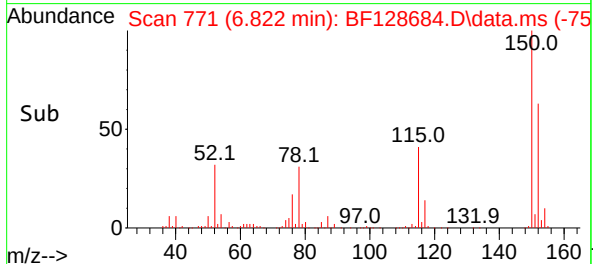
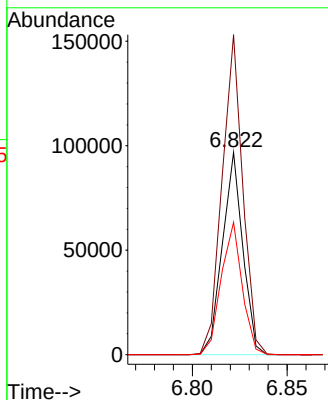
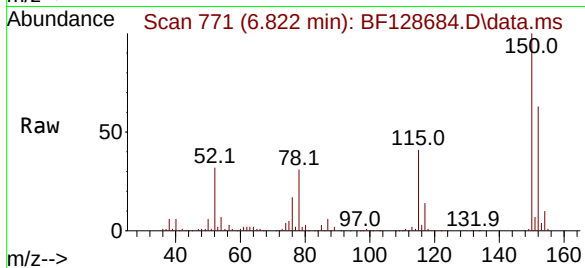




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

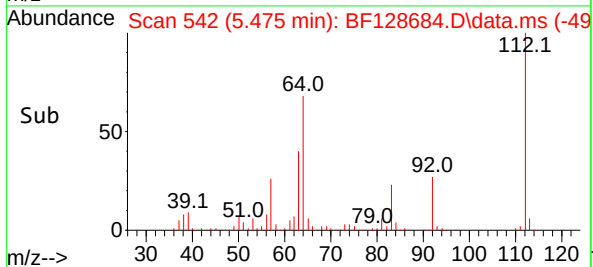
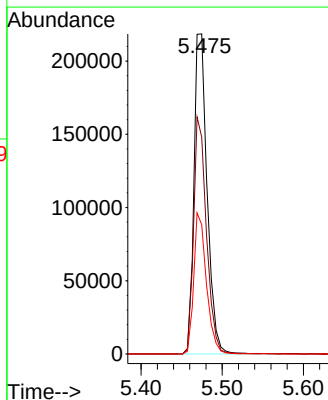
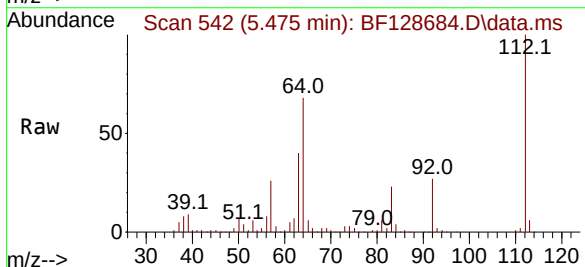
Instrument :
BNA_F
ClientSampleId :
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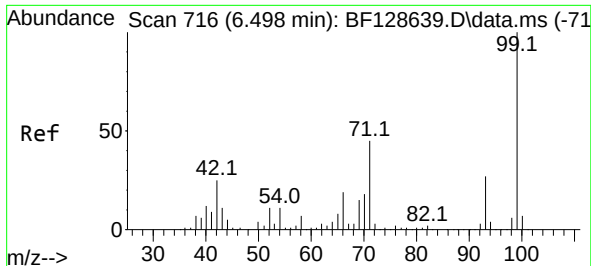
Tgt Ion:152 Resp: 72625
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 54.430 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

Tgt Ion:112 Resp: 248175
Ion Ratio Lower Upper
112 100
64 67.8 53.3 79.9
63 40.4 28.0 42.0

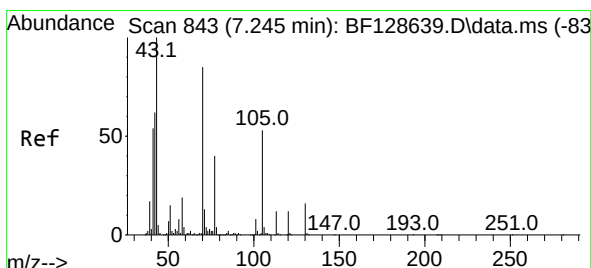
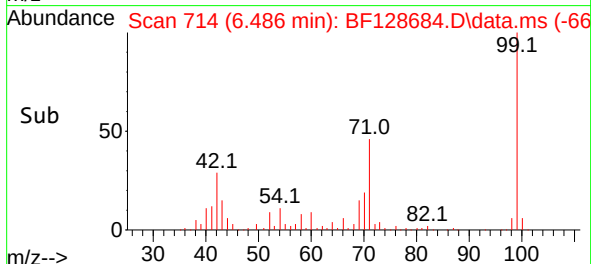
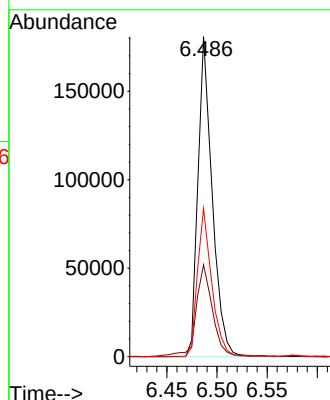
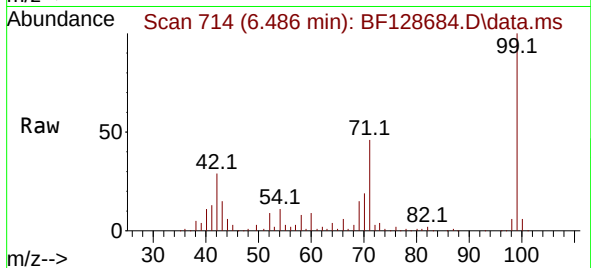




#7
Phenol-d6
Concen: 32.197 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

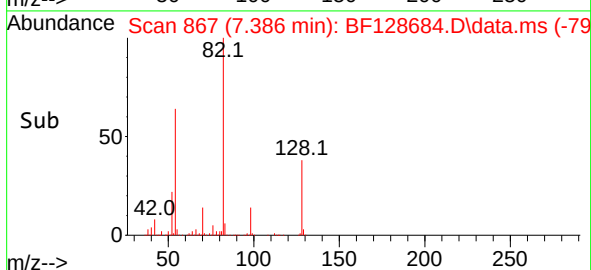
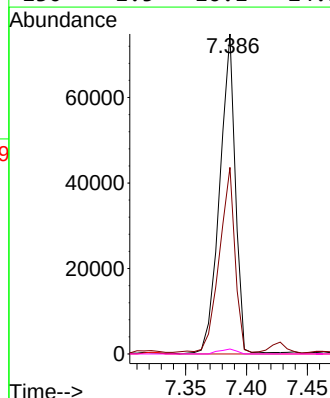
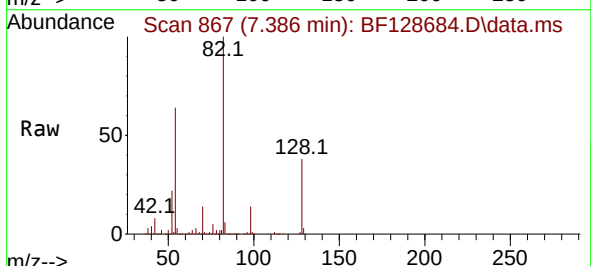
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ClientSampleId :
20220426-SPLP-AMENDED-COMPOSITE-FRE

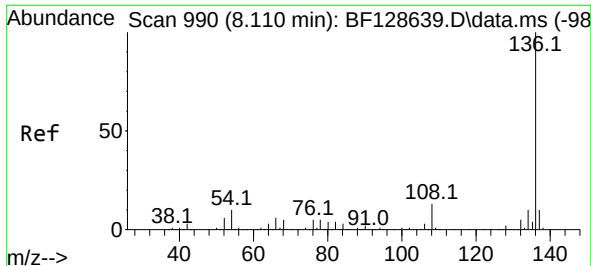
Tgt Ion: 99 Resp: 179197
Ion Ratio Lower Upper
99 100
42 28.8 17.3 25.9#
71 46.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.501 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

Tgt Ion: 70 Resp: 67483
Ion Ratio Lower Upper
70 100
42 58.3 52.3 78.5
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#

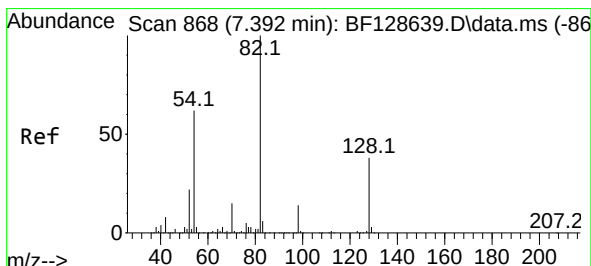
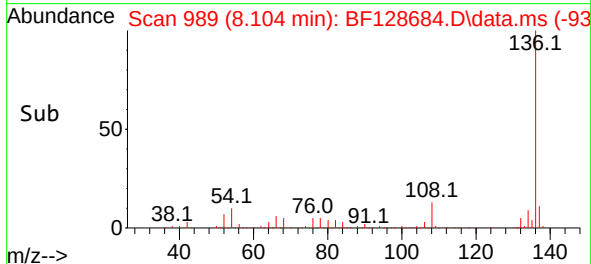
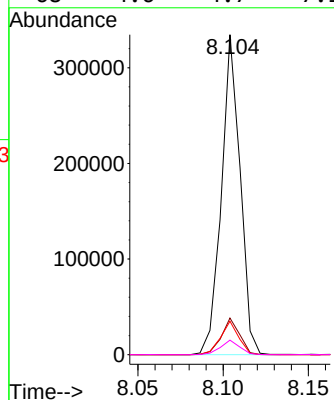
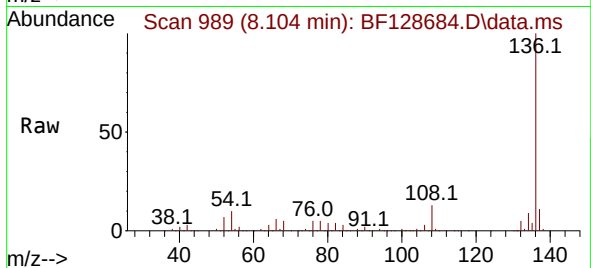




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

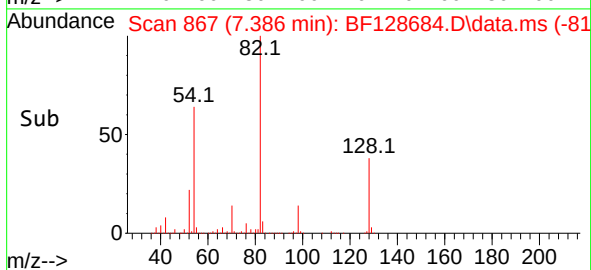
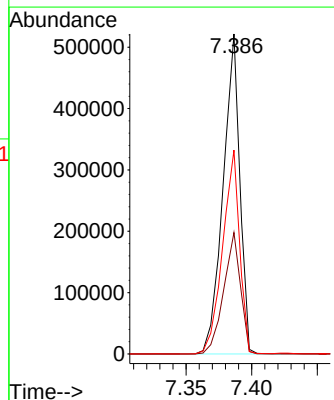
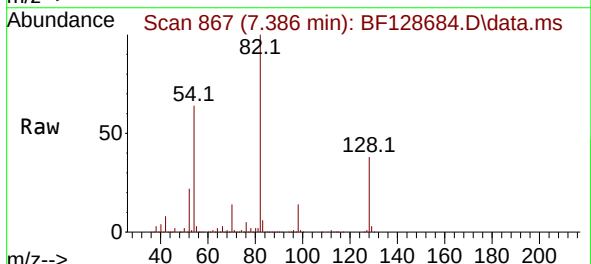
Instrument :
BNA_F
ClientSampleId :
20220426-SPLP-AMENDED-COMPOSITE-FRE

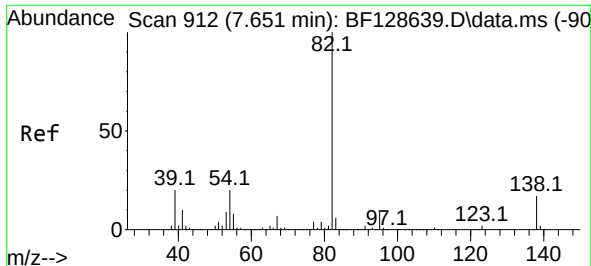
Tgt Ion:	136	Resp:	255997
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.5	7.5	11.3
68	4.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 84.026 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

Tgt Ion:	82	Resp:	462007
Ion	Ratio	Lower	Upper
82	100		
128	38.0	34.0	51.0
54	63.7	46.9	70.3





#25
Isophorone
Concen: 55.180 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

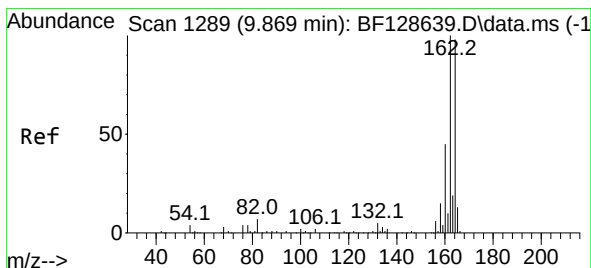
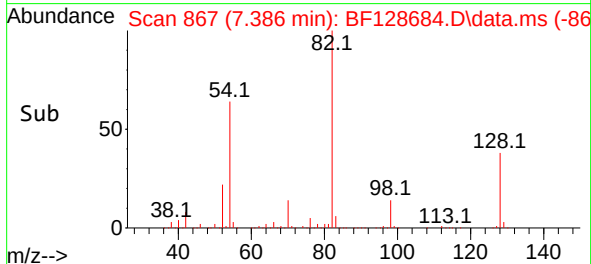
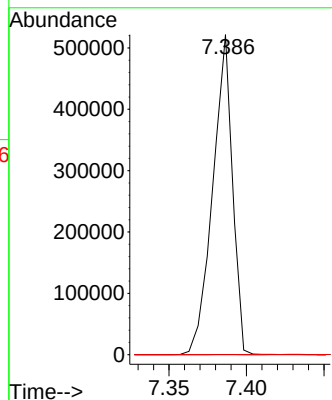
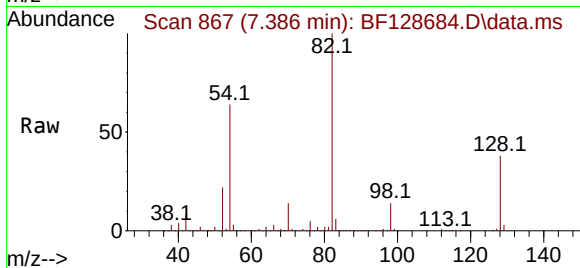
Instrument :

BNA_F

ClientSampleId :

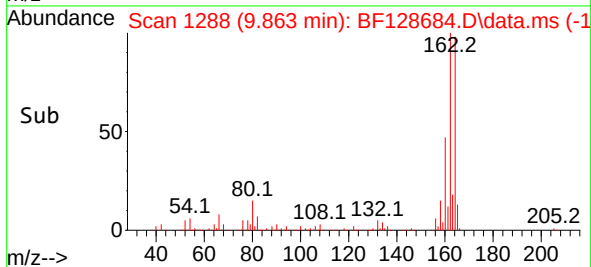
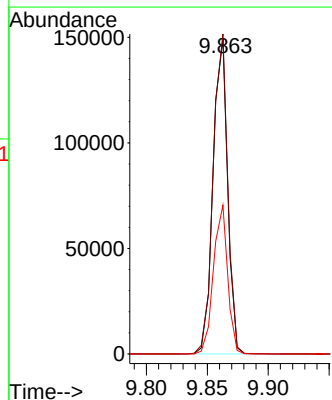
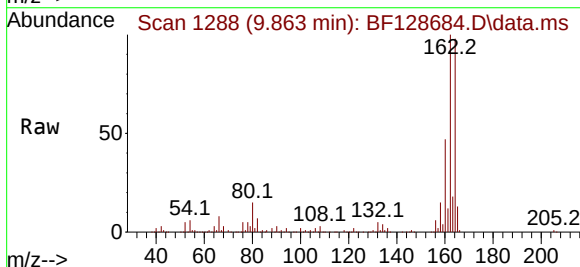
20220426-SPLP-AMENDED-COMPOSITE-FRE

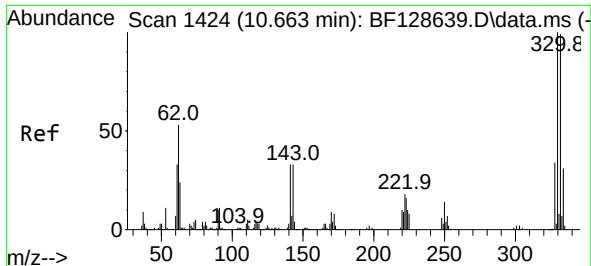
Tgt Ion: 82 Resp: 460803
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

Tgt Ion:164 Resp: 123706
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 47.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 105.649 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

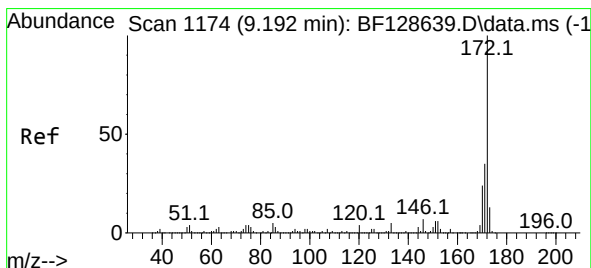
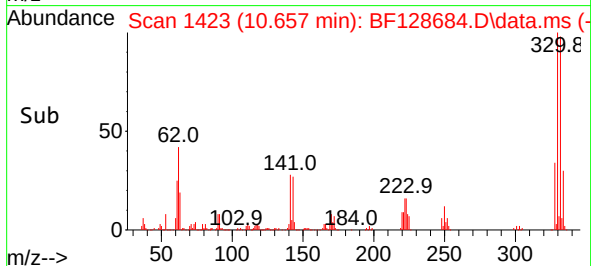
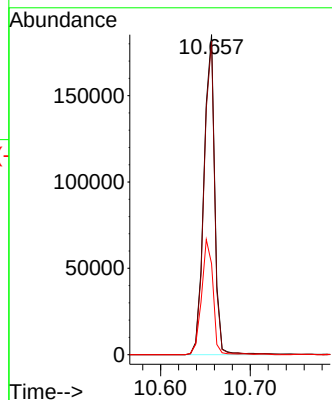
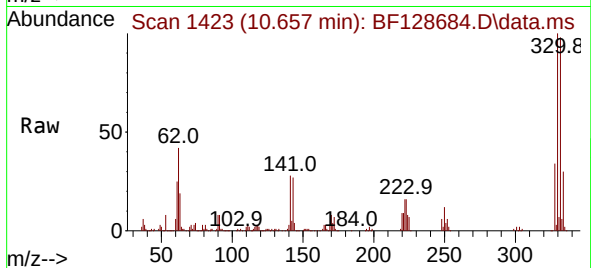
Instrument :

BNA_F

ClientSampleId :

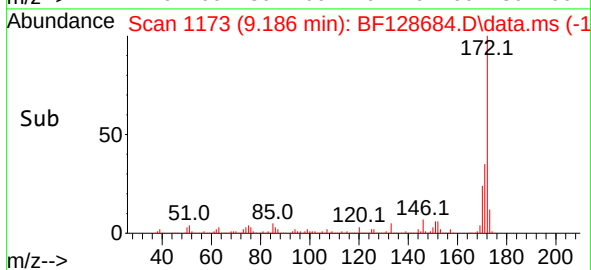
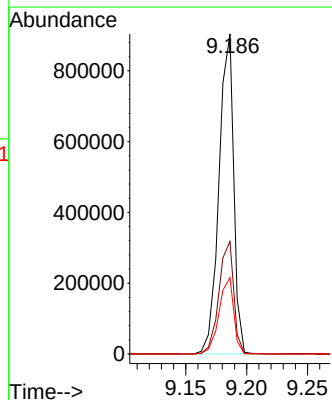
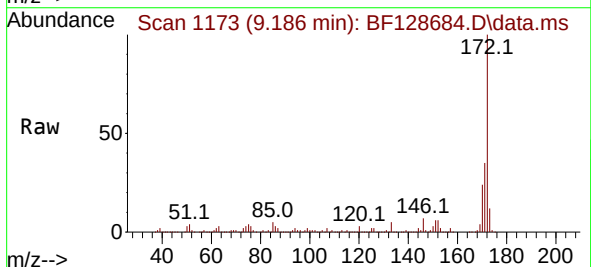
20220426-SPLP-AMENDED-COMPOSITE-FRE

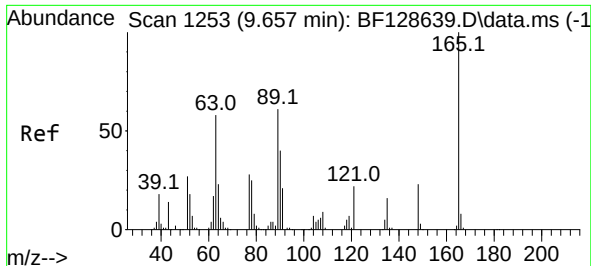
Tgt Ion:330 Resp: 154422
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 38.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 86.436 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

Tgt Ion:172 Resp: 763324
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.8 19.8 29.8

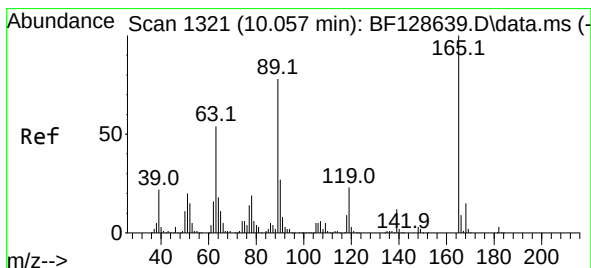
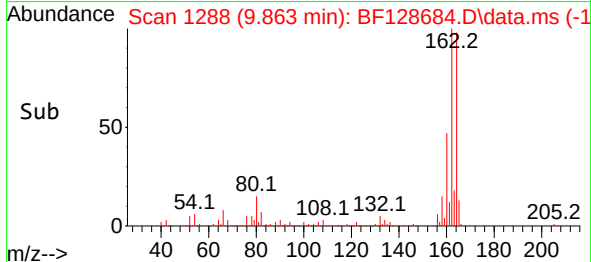
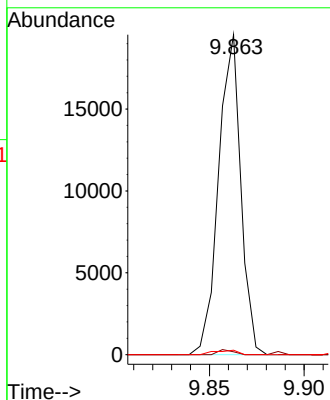
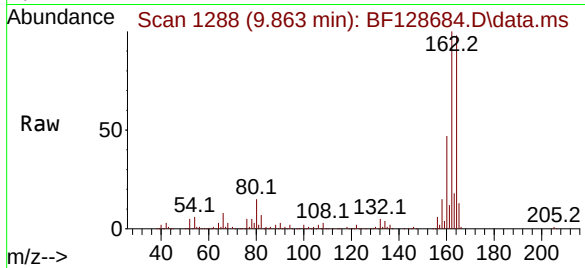




#51
2,6-Dinitrotoluene
Concen: 9.533 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

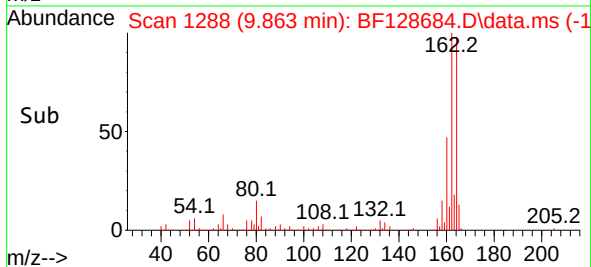
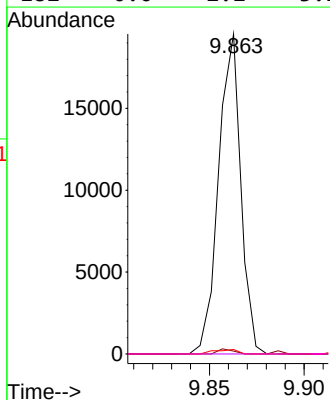
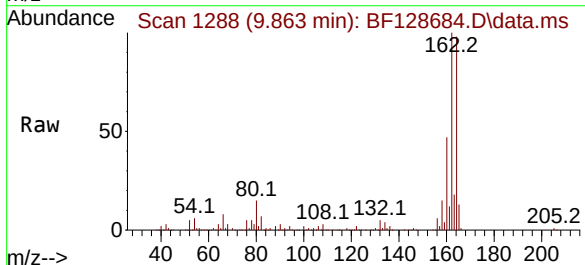
Instrument :
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20220426-SPLP-AMENDED-COMPOSITE-FRE

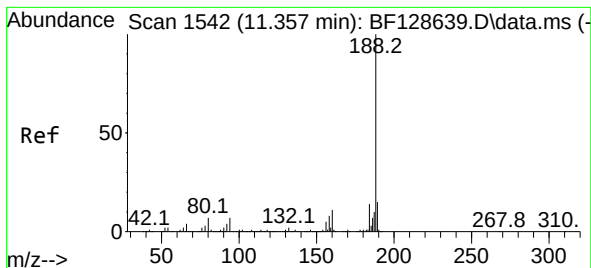
Tgt Ion:165 Resp: 15932
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.143 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

Tgt Ion:165 Resp: 15932
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.4 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: BF128684.D

Acq: 03 Jun 2022 17:39

Instrument :

BNA_F

ClientSampleId :

20220426-SPLP-AMENDED-COMPOSITE-FRE

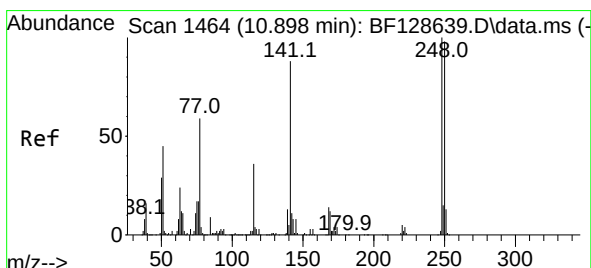
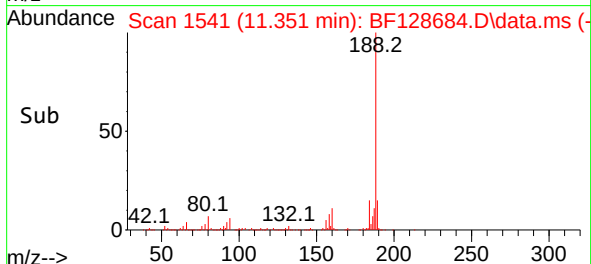
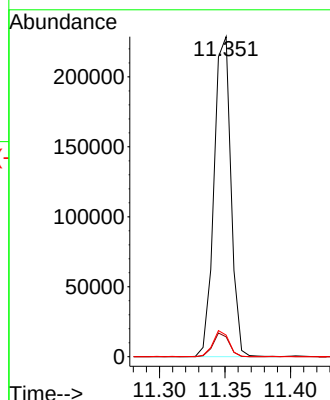
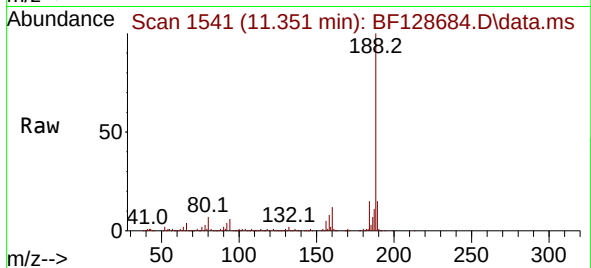
Tgt Ion:188 Resp: 204711

Ion Ratio Lower Upper

188 100

94 6.2 7.0 10.6#

80 6.7 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.574 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128684.D

Acq: 03 Jun 2022 17:39

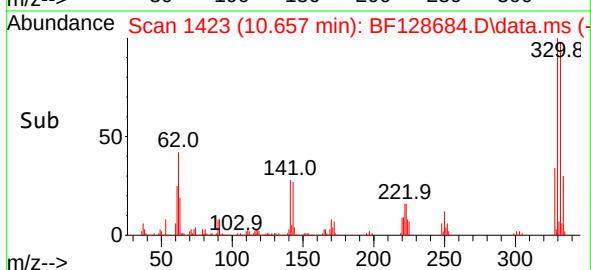
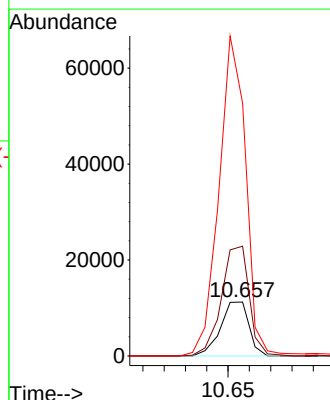
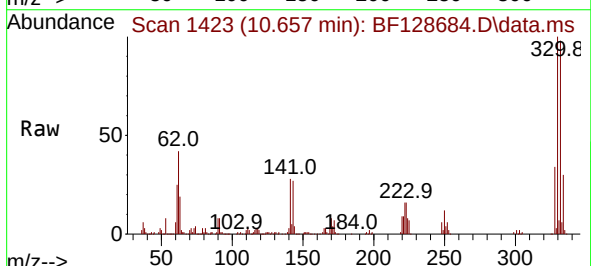
Tgt Ion:248 Resp: 10442

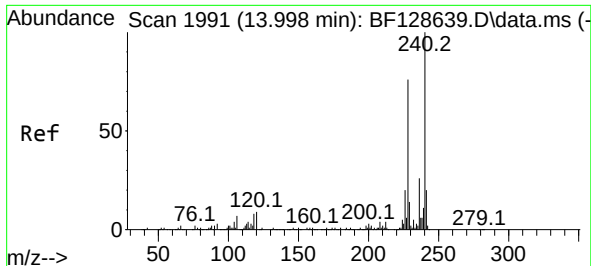
Ion Ratio Lower Upper

248 100

250 203.6 80.6 120.8#

141 468.9 58.9 88.3#

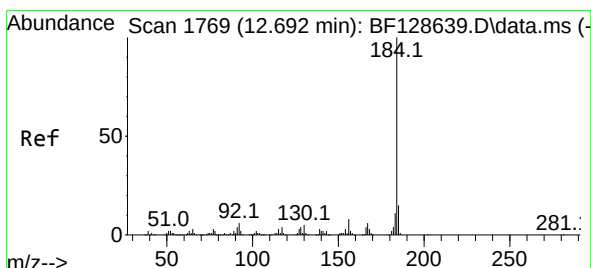
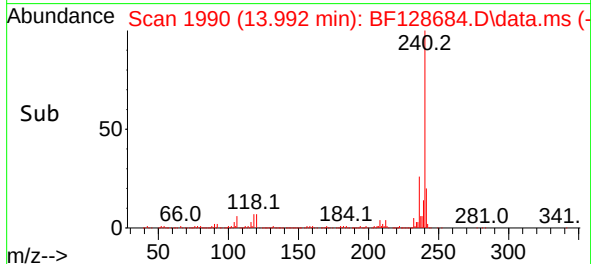
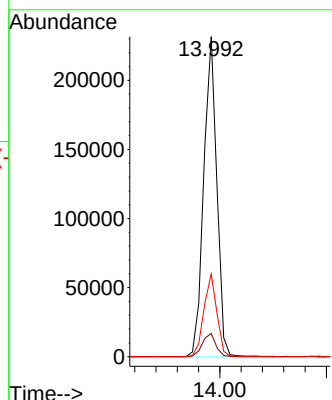
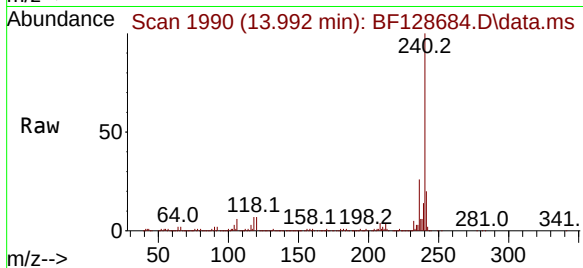




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

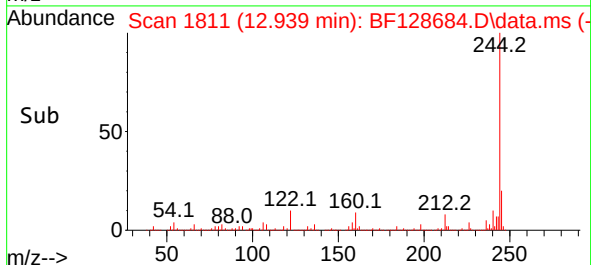
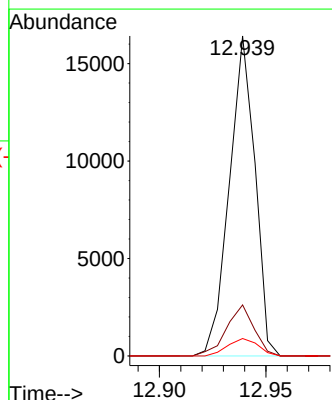
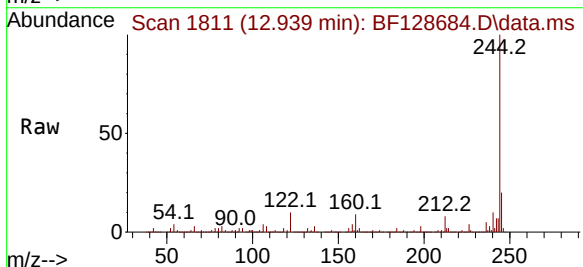
Instrument : BNA_F
ClientSampleId : 20220426-SPLP-AMENDE-COMPOSITE-FRE

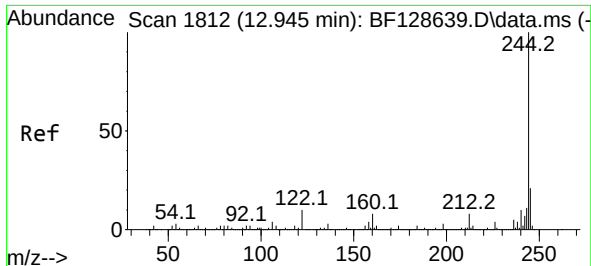
Tgt Ion:240 Resp: 198050
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.8 20.8 31.2



#77
Benidine
Concen: 3.479 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128684.D
Acq: 03 Jun 2022 17:39

Tgt Ion:184 Resp: 13736
Ion Ratio Lower Upper
184 100
185 16.0 11.9 17.9
183 5.5 9.3 13.9#

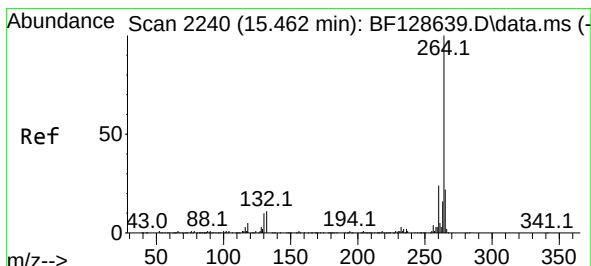
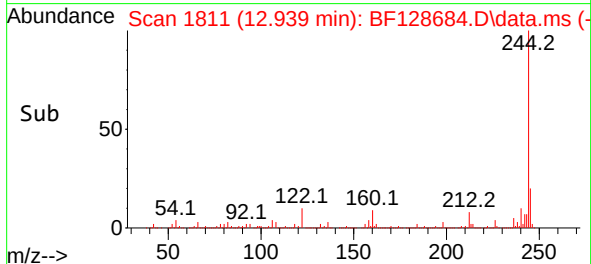
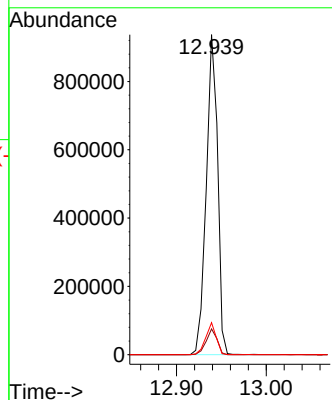
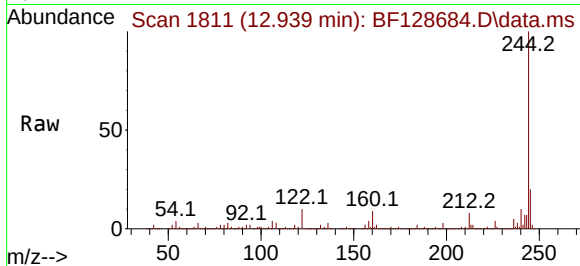




#79
 Terphenyl-d14
 Concen: 72.150 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128684.D
 Acq: 03 Jun 2022 17:39

Instrument : BNA_F
 ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-FRE

Tgt Ion:244 Resp: 822340
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2239
 Delta R.T. -0.006 min
 Lab File: BF128684.D
 Acq: 03 Jun 2022 17:39

Tgt Ion:264 Resp: 181137
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.5 17.2 25.8

