

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128680.D
 Acq On : 03 Jun 2022 15:17
 Operator : CG\JU
 Sample : N3143-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

Quant Time: Jun 03 23:42:02 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)

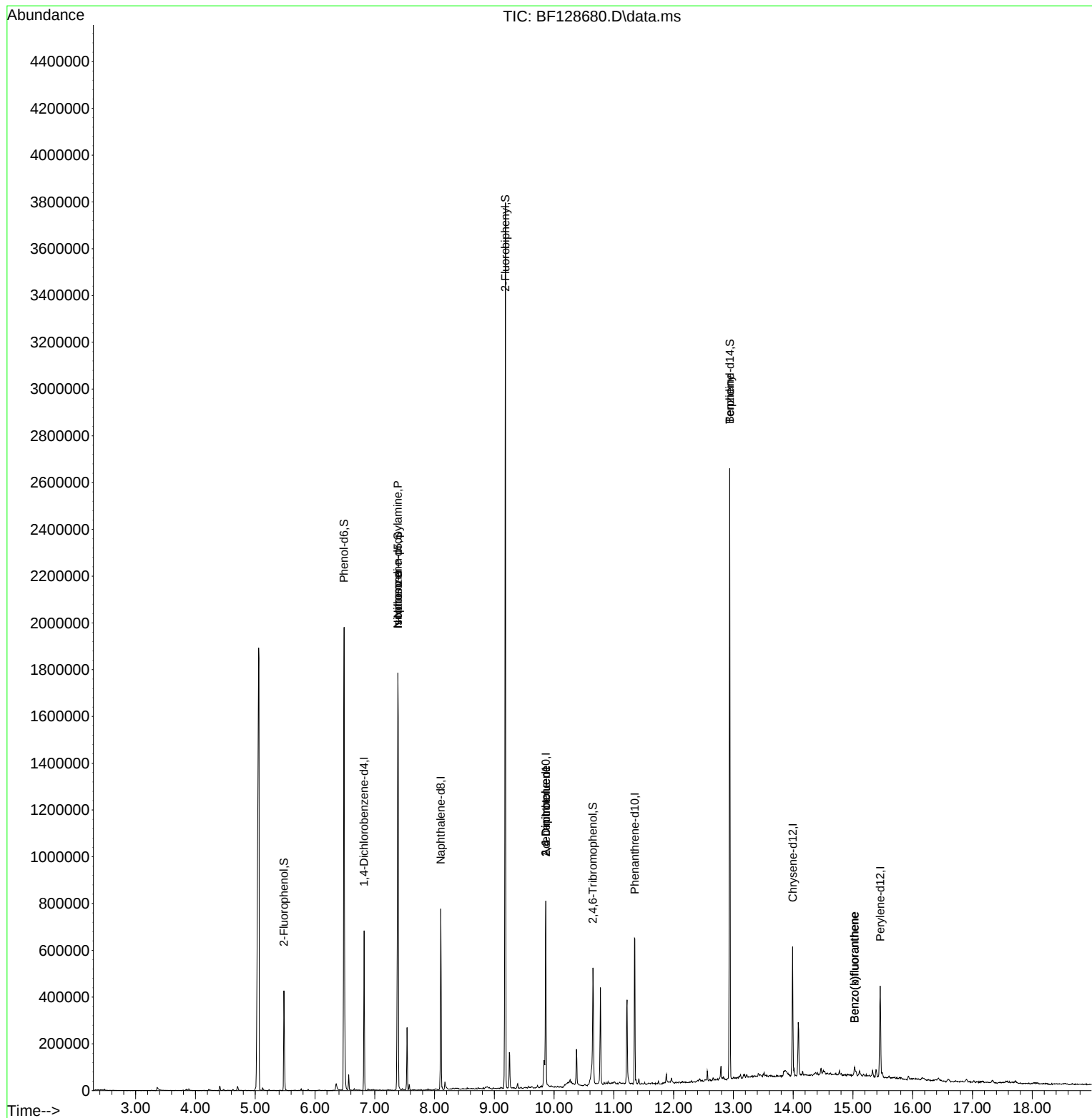
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	76980	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	286165	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	144990	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	230548	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	173047	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	174480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	95196	19.697	ng	0.00
7) Phenol-d6	6.486	99	566520	96.030	ng	-0.01
23) Nitrobenzene-d5	7.386	82	624753	101.646	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	25727	15.018	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1040523	100.529	ng	0.00
79) Terphenyl-d14	12.939	244	797483	80.079	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	92536	25.228	ng	# 82
25) Isophorone	7.386	82	623706	66.814	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	20222	10.324	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	20222	7.736	ng	# 22
77) Benzidine	12.939	184	13004	3.770	ng	# 88
88) Benzo(b)fluoranthene	15.027	252	22788	2.044	ng	# 88
89) Benzo(k)fluoranthene	15.027	252	22788	2.173	ng	# 89

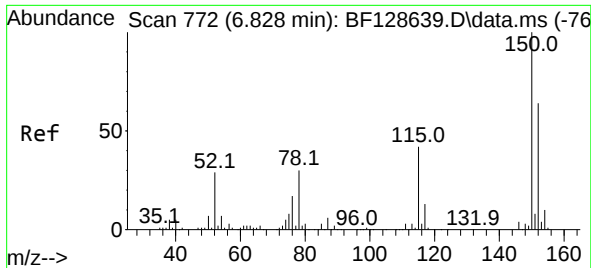
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
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20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

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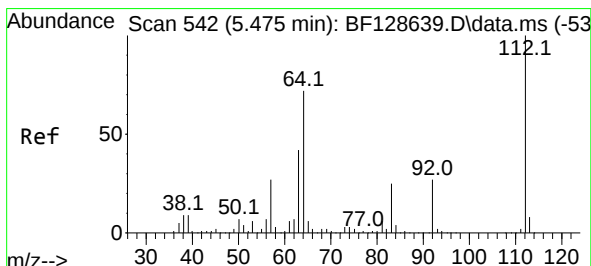
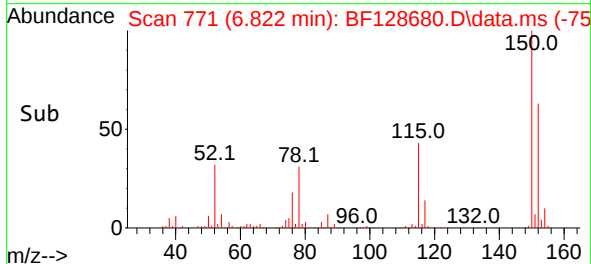
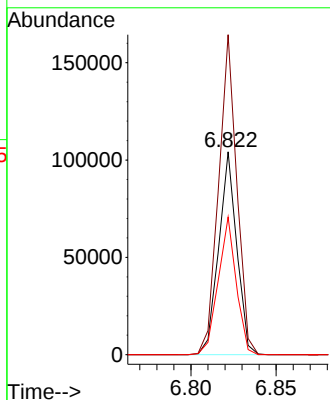
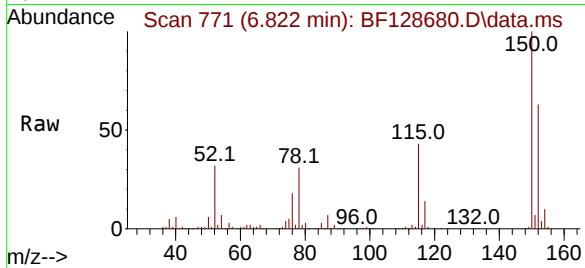




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

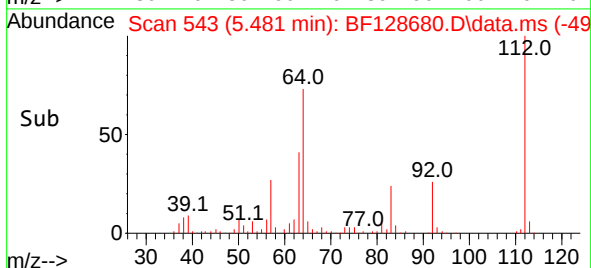
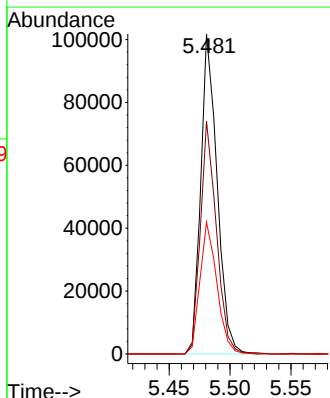
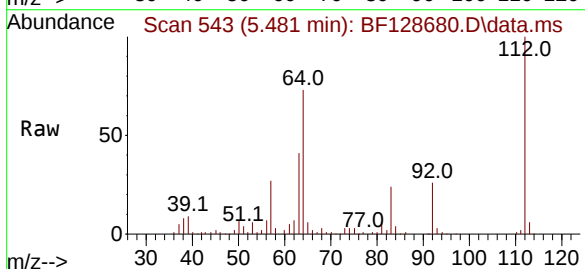
Instrument :
BNA_F
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

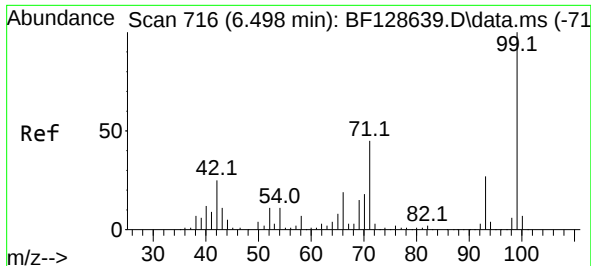
Tgt Ion:152 Resp: 76980
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 67.8 49.9 74.9



#5
2-Fluorophenol
Concen: 19.697 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

Tgt Ion:112 Resp: 95196
Ion Ratio Lower Upper
112 100
64 72.8 53.3 79.9
63 41.2 28.0 42.0

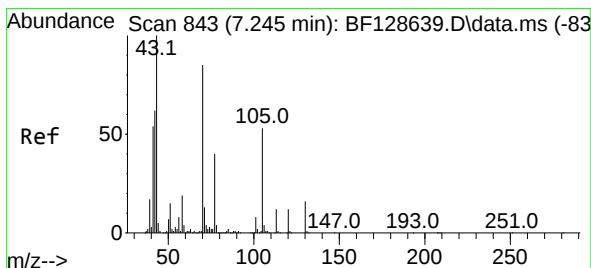
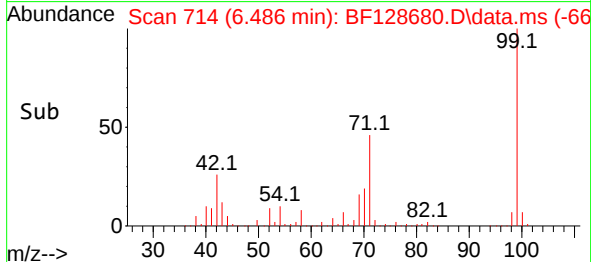
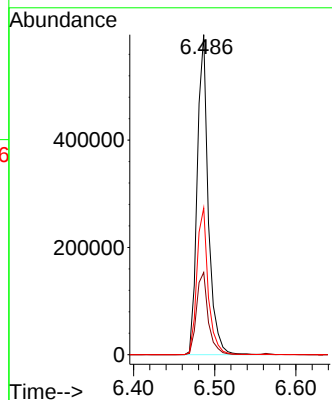
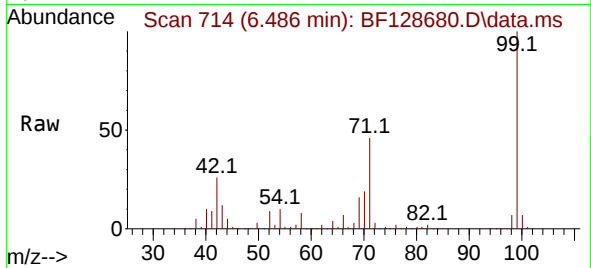




#7
Phenol-d6
Concen: 96.030 ng
RT: 6.486 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

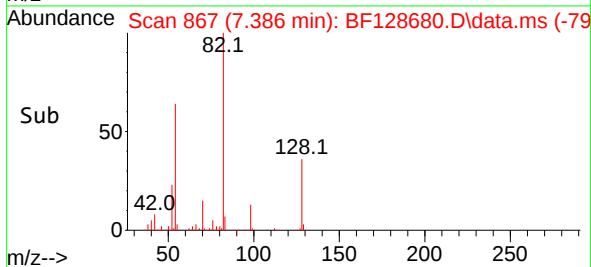
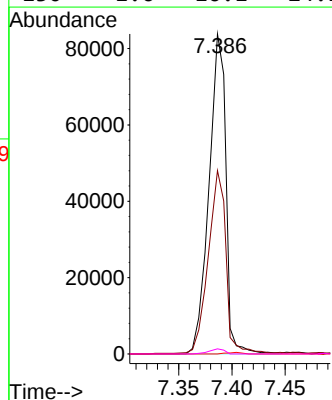
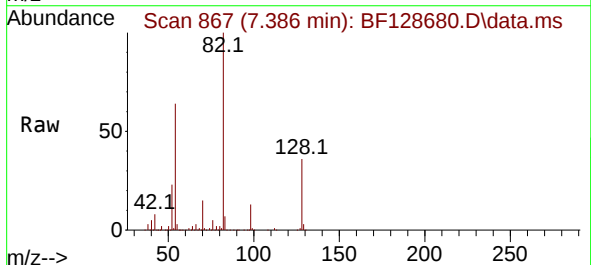
Instrument :
BNA_F
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

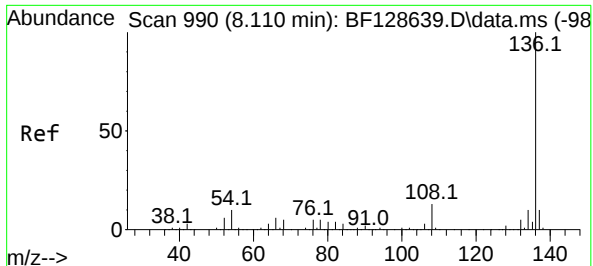
Tgt Ion: 99 Resp: 566520
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 45.9 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 25.228 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

Tgt Ion: 70 Resp: 92536
Ion Ratio Lower Upper
70 100
42 57.3 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

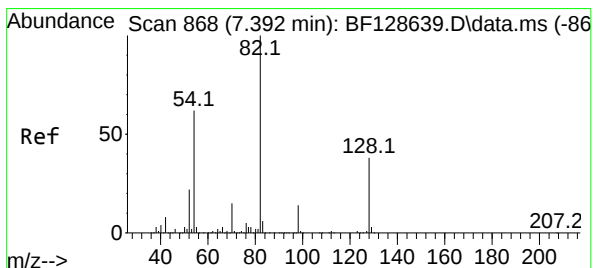
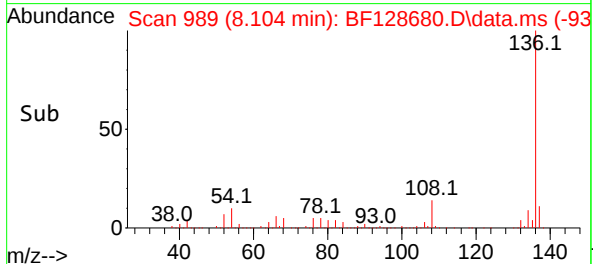
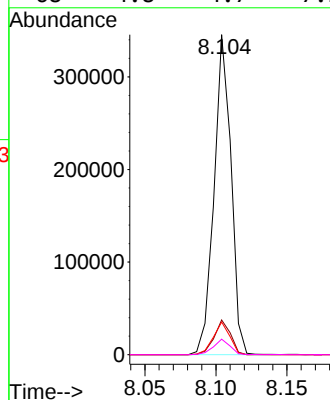
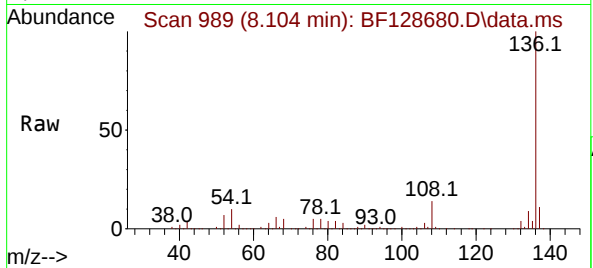




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

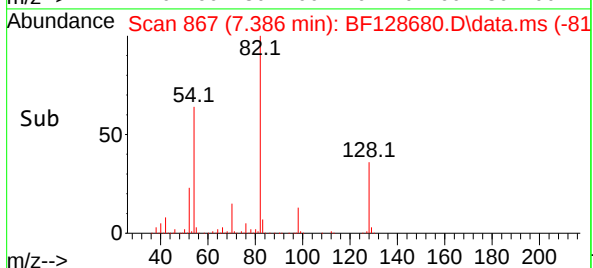
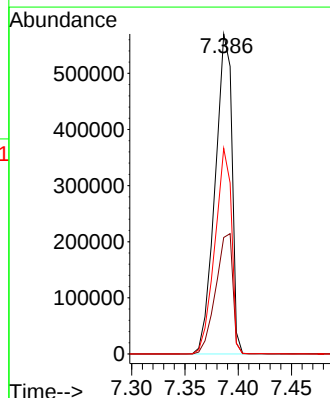
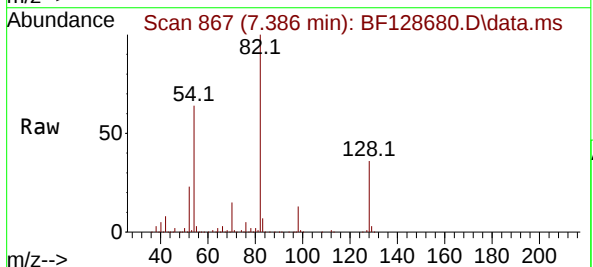
Instrument :
BNA_F
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

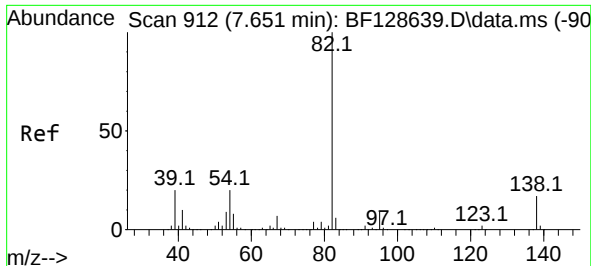
Tgt Ion:	136	Resp:	286165
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.2	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 101.646 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

Tgt Ion:	82	Resp:	624753
Ion	Ratio	Lower	Upper
82	100		
128	36.4	34.0	51.0
54	64.2	46.9	70.3

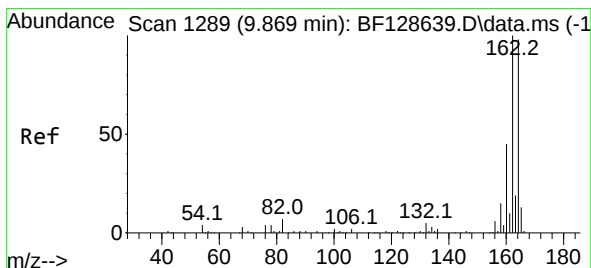
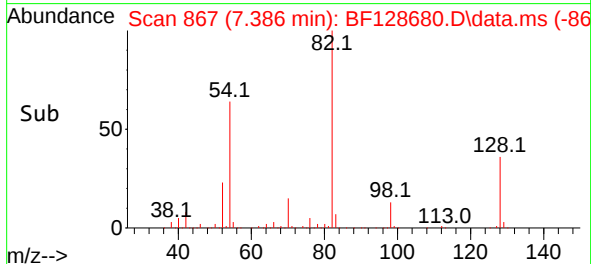
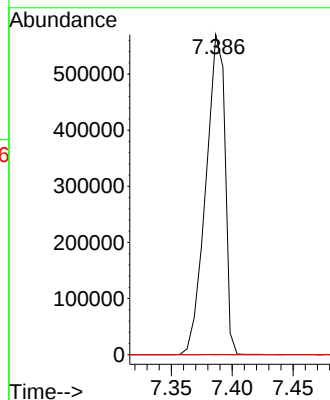
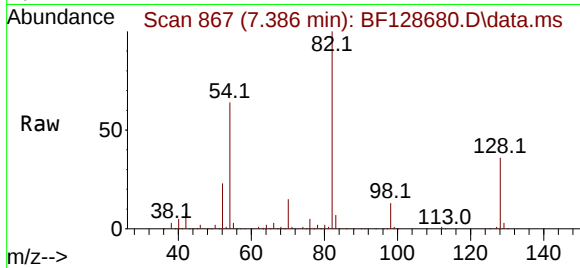




#25
Isophorone
Concen: 66.814 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

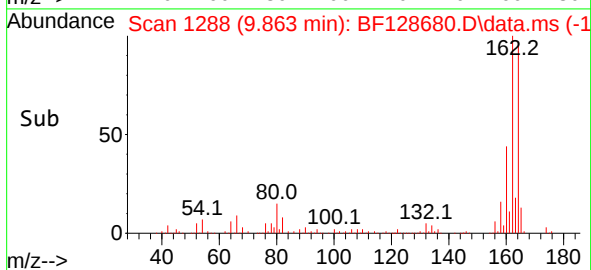
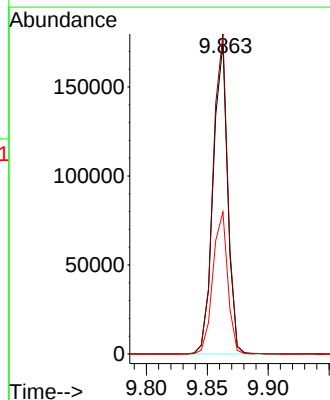
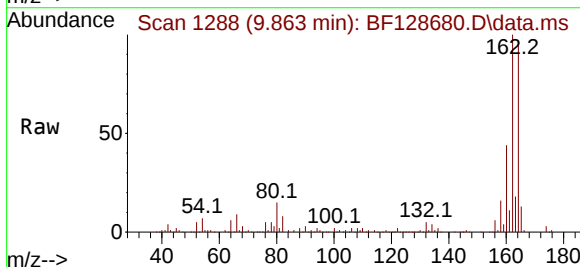
Instrument :
BNA_F
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

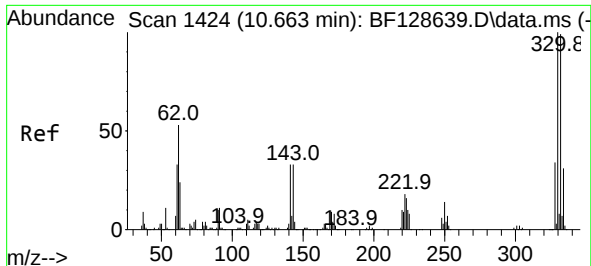
Tgt Ion: 82 Resp: 623706
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

Tgt Ion:164 Resp: 144990
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 15.018 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128680.D

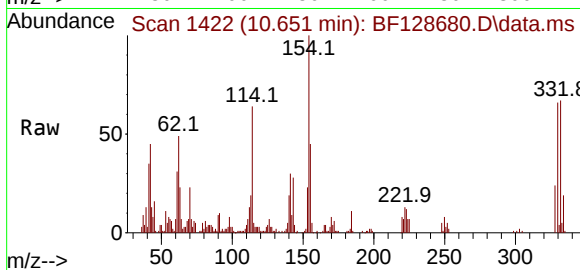
Acq: 03 Jun 2022 15:17

Instrument :

BNA_F

ClientSampleId :

20220427-AMENDED-SB-8-(DISCRETE-COMP-G)



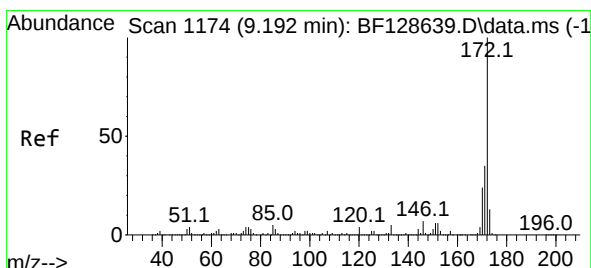
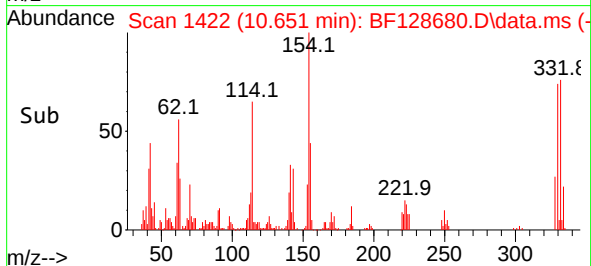
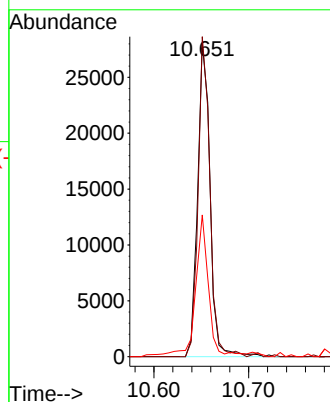
Tgt Ion:330 Resp: 25727

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 47.9 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 100.529 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128680.D

Acq: 03 Jun 2022 15:17

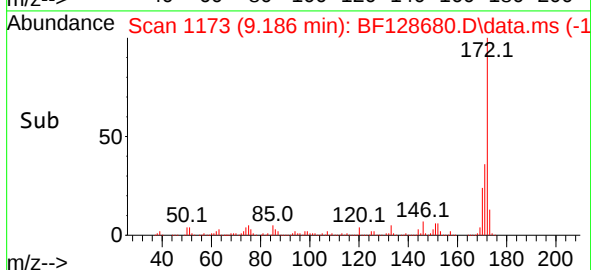
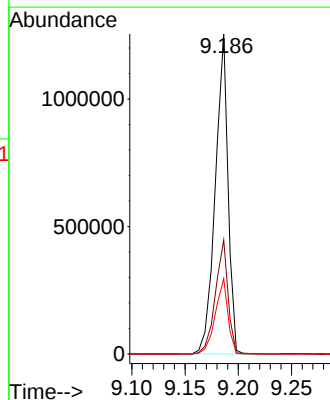
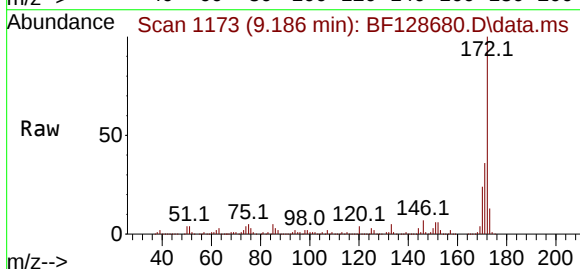
Tgt Ion:172 Resp: 1040523

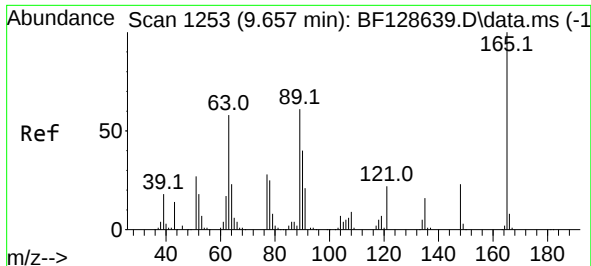
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.5 19.8 29.8

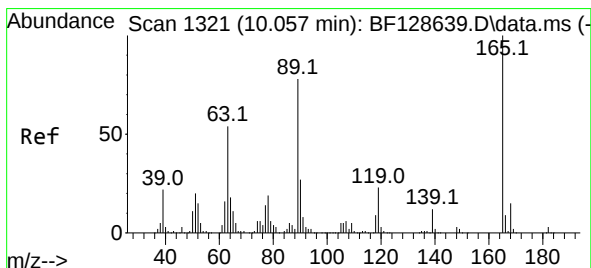
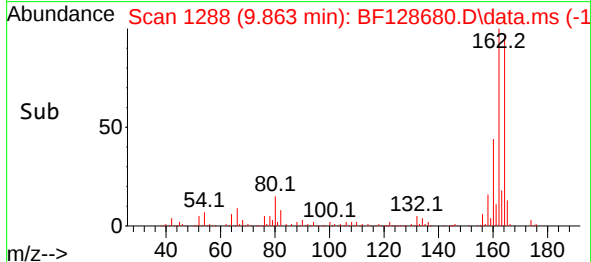
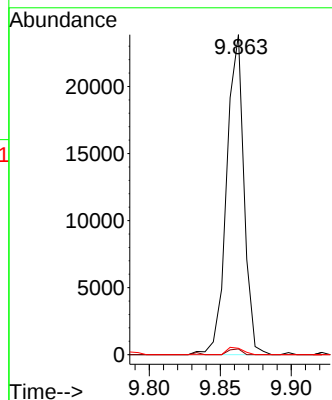
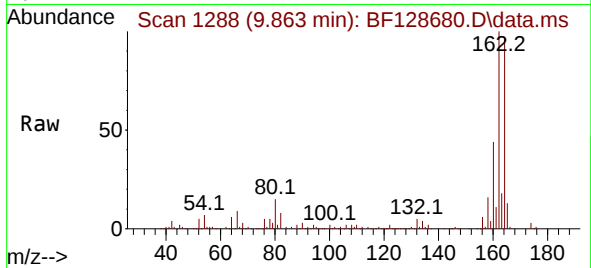




#51
2,6-Dinitrotoluene
Concen: 10.324 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

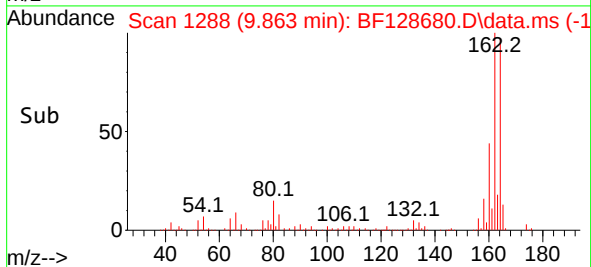
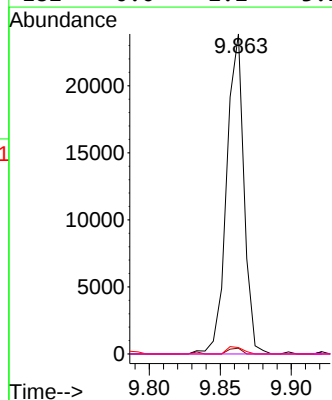
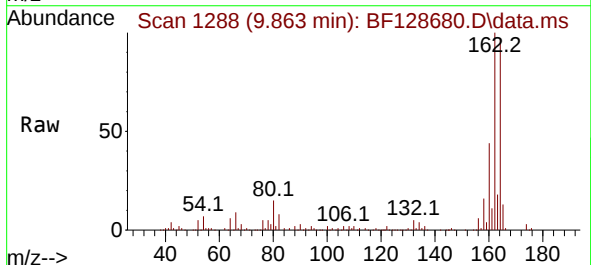
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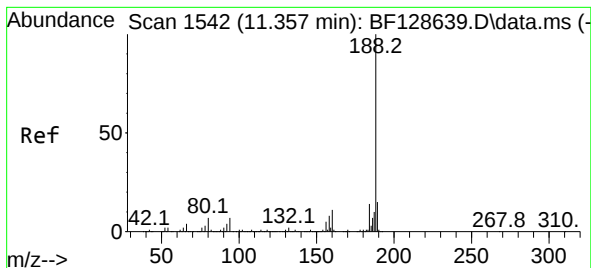
Tgt Ion:165 Resp: 20222
Ion Ratio Lower Upper
165 100
63 1.8 44.9 67.3#
89 2.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.736 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

Tgt Ion:165 Resp: 20222
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 2.0 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128680.D

Acq: 03 Jun 2022 15:17

Instrument :

BNA_F

ClientSampleId :

20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

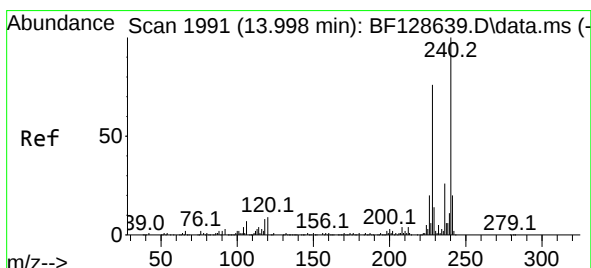
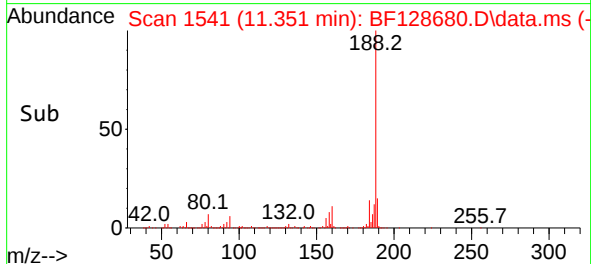
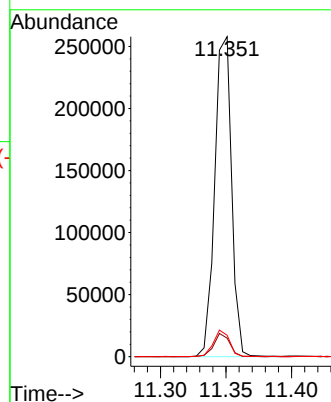
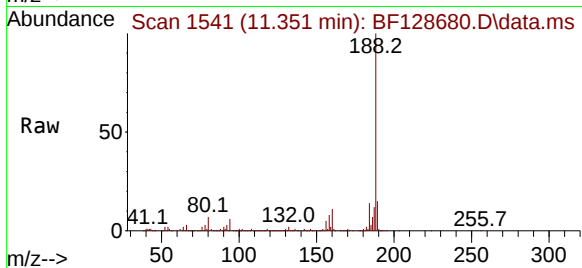
Tgt Ion:188 Resp: 230548

Ion Ratio Lower Upper

188 100

94 5.8 7.0 10.6#

80 6.7 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BF128680.D

Acq: 03 Jun 2022 15:17

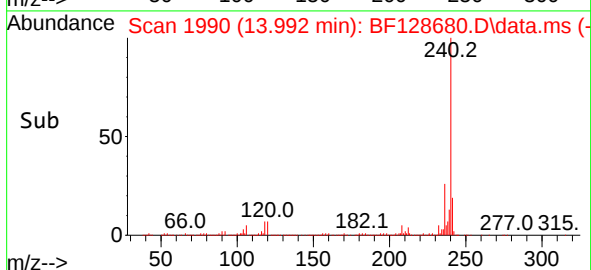
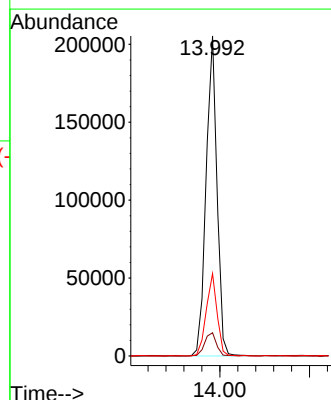
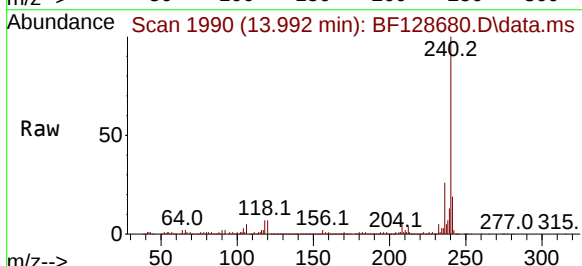
Tgt Ion:240 Resp: 173047

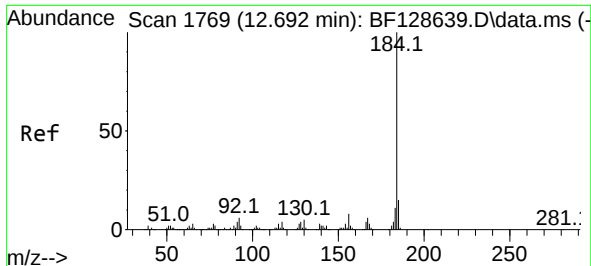
Ion Ratio Lower Upper

240 100

120 7.3 8.9 13.3#

236 25.8 20.8 31.2

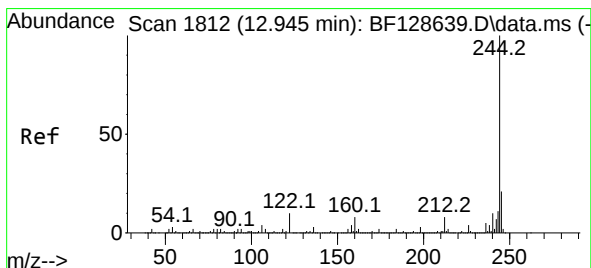
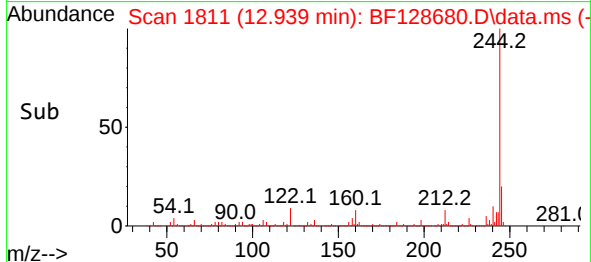
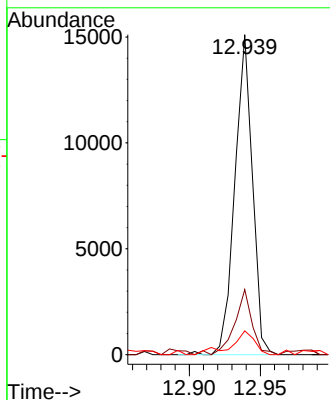
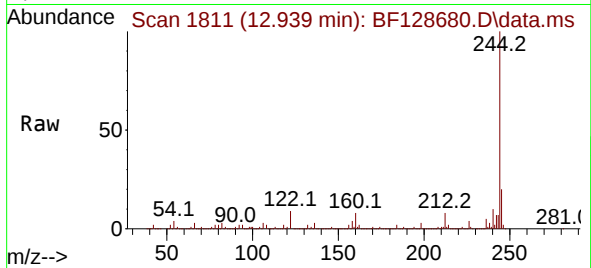




#77
Benzidine
Concen: 3.770 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

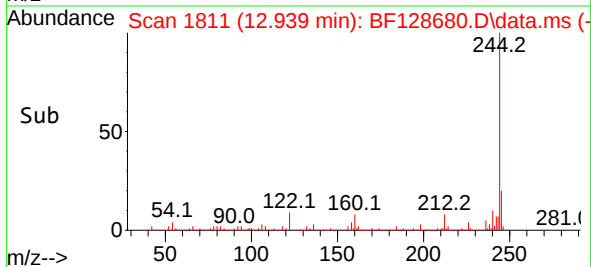
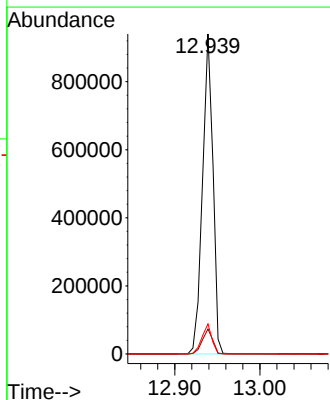
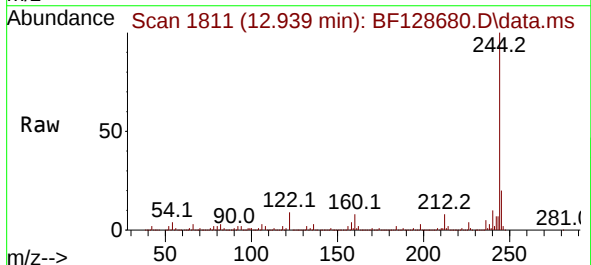
Instrument :
BNA_F
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

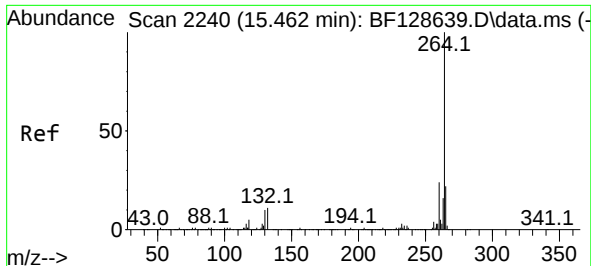
Tgt Ion:184 Resp: 13004
Ion Ratio Lower Upper
184 100
185 20.4 11.9 17.9#
183 7.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 80.079 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

Tgt Ion:244 Resp: 797483
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 9.4 8.8 13.2

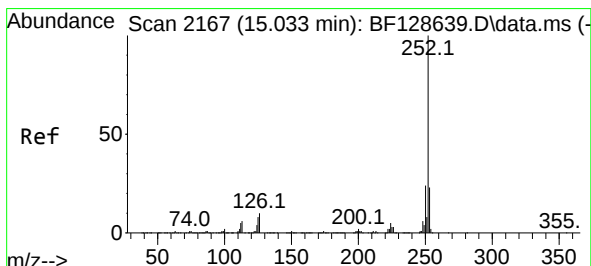
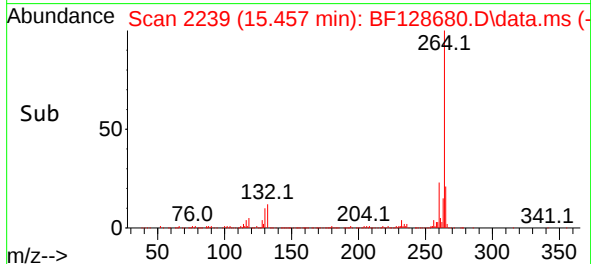
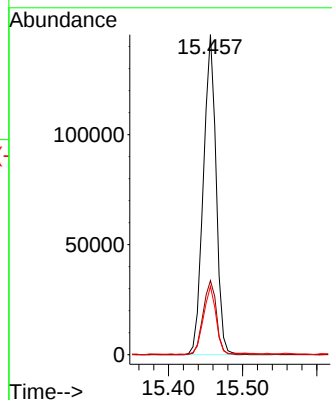
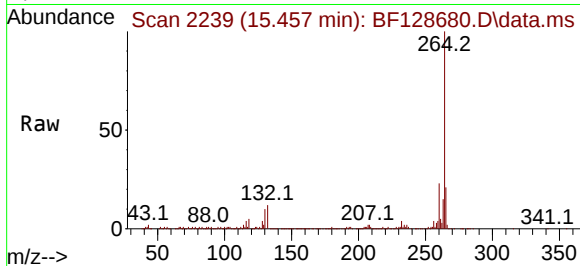




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

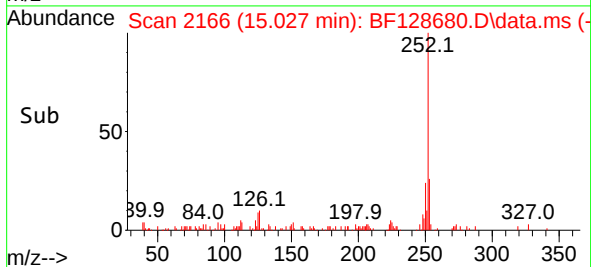
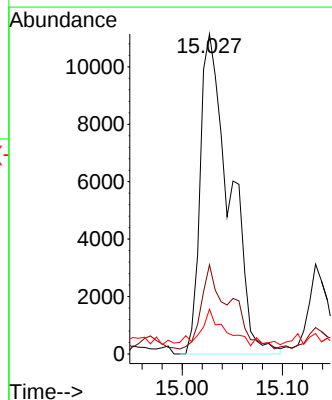
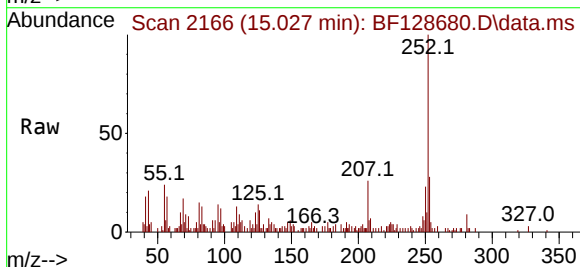
Instrument :
BNA_F
ClientSampleId :
20220427-AMENDED-SB-8-(DISCRETE-COMP-G)

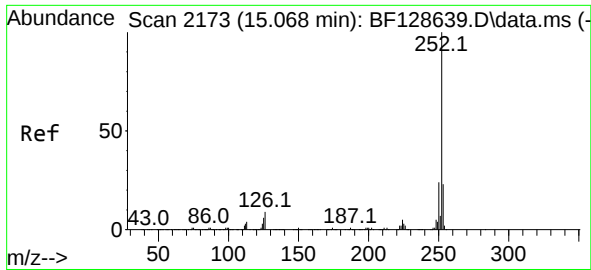
Tgt Ion:264 Resp: 174480
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.044 ng
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128680.D
Acq: 03 Jun 2022 15:17

Tgt Ion:252 Resp: 22788
Ion Ratio Lower Upper
252 100
253 27.8 17.7 26.5#
125 14.0 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.173 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF128680.D

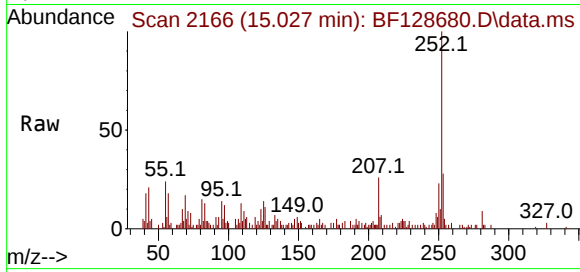
Acq: 03 Jun 2022 15:17

Instrument :

BNA_F

ClientSampleId :

20220427-AMENDED-SB-8-(DISCRETE-COMP-G)



Tgt Ion:252 Resp: 22788

Ion Ratio Lower Upper

252 100

253 27.8 17.8 26.6#

125 14.0 8.3 12.5#

