

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128698.D
 Acq On : 06 Jun 2022 16:00
 Operator : CG\JU
 Sample : N3189-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220419-COMPOSITE-H

Quant Time: Jun 07 02:42:38 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)

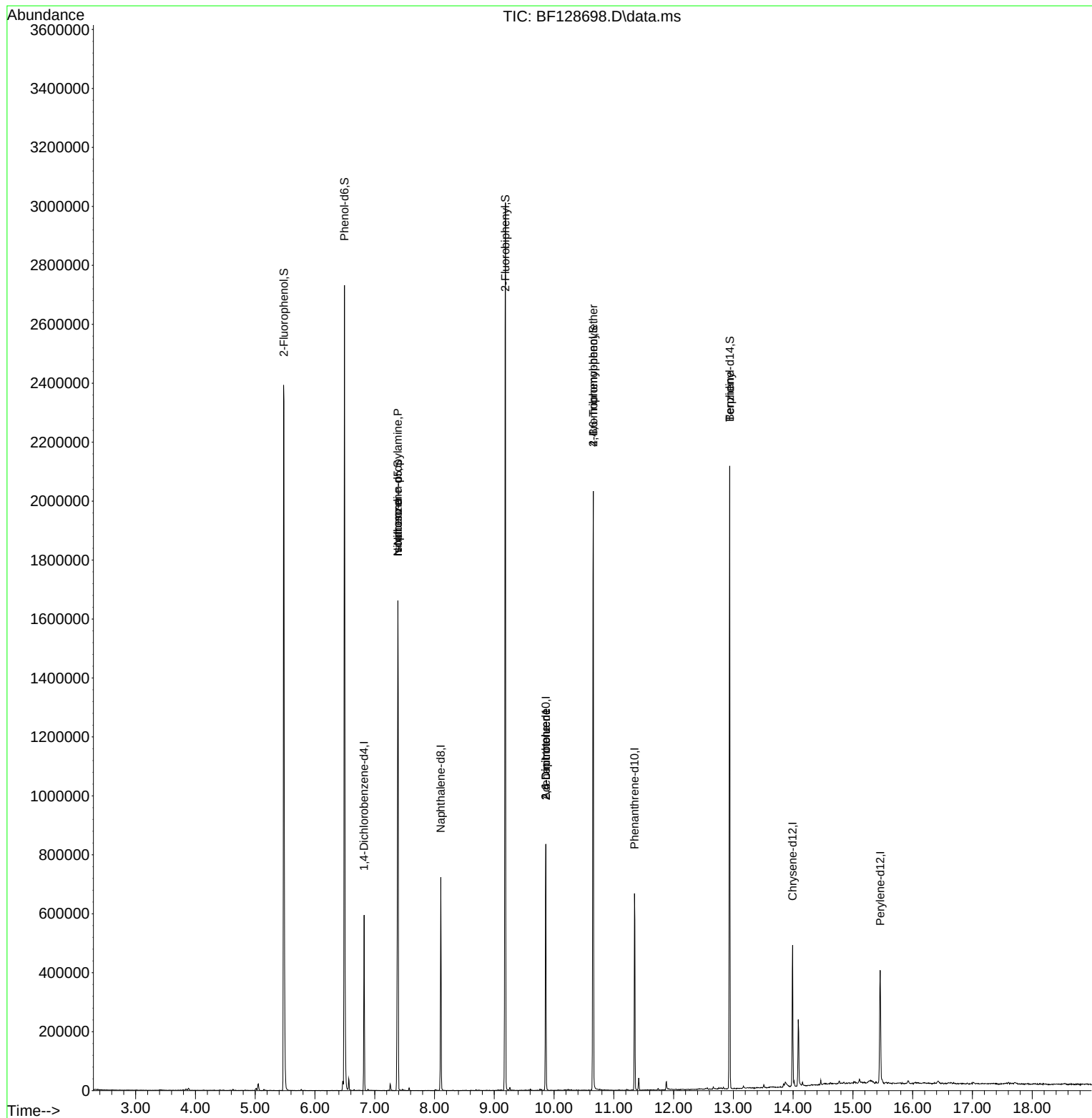
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	69948	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	259931	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	153834	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	236495	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	156925	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	168568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	619768	141.131	ng	0.00
7) Phenol-d6	6.493	99	773516	144.299	ng	0.00
23) Nitrobenzene-d5	7.387	82	553431	99.130	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	217963	119.916	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	894325	81.437	ng	0.00
79) Terphenyl-d14	12.939	244	645303	71.455	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	81156	24.350	ng	# 78
25) Isophorone	7.387	82	551988	65.099	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	19761	9.509	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	19761	7.125	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	14528	5.509	ng	# 1
77) Benzidine	12.939	184	9845	3.147	ng	# 89

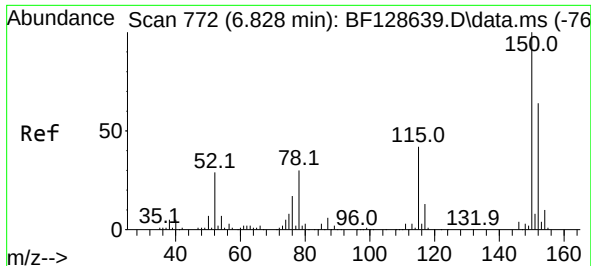
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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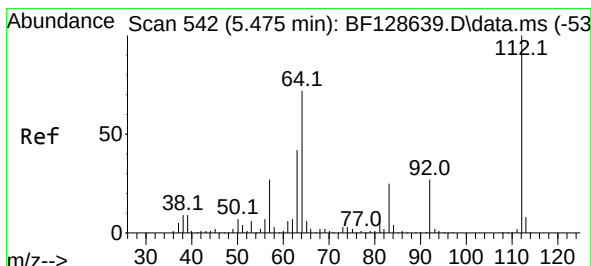
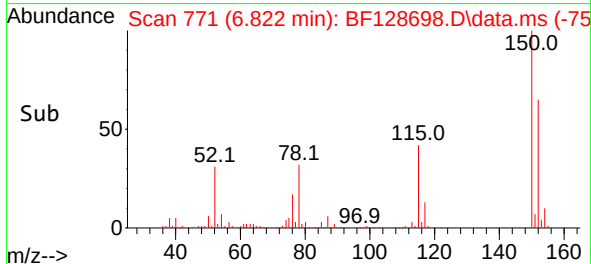
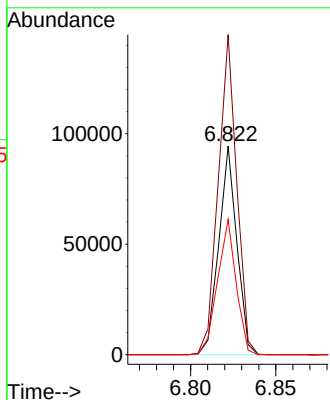
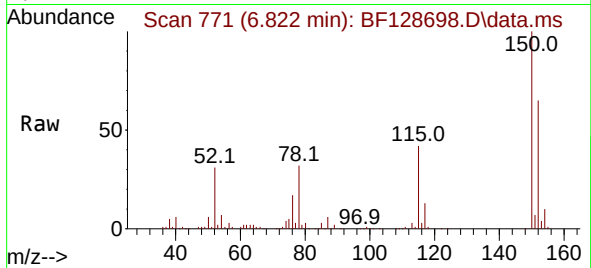




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

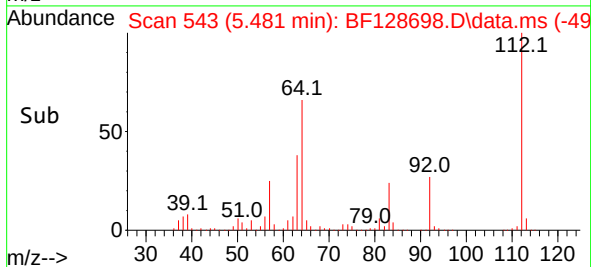
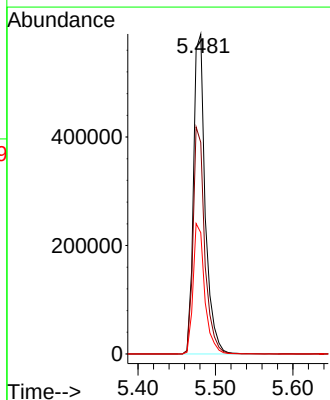
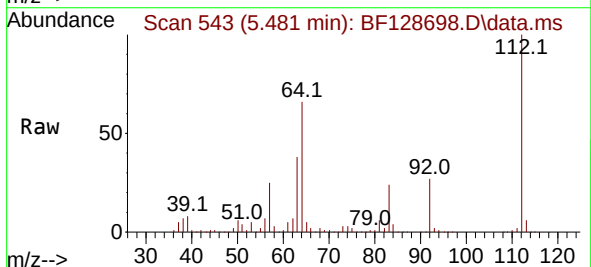
Instrument :
BNA_F
ClientSampleId :
20220419-COMPOSITE-H

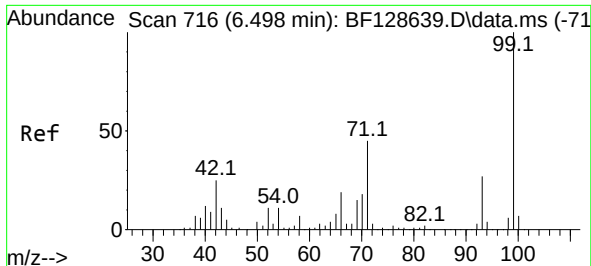
Tgt Ion:152 Resp: 69948
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 141.131 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

Tgt Ion:112 Resp: 619768
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 37.9 28.0 42.0

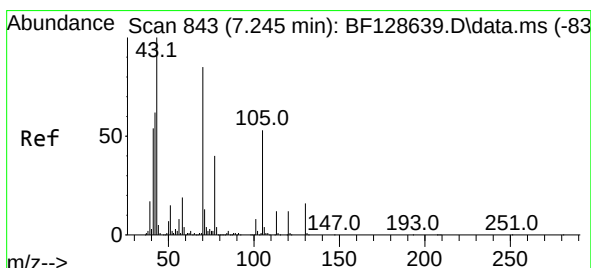
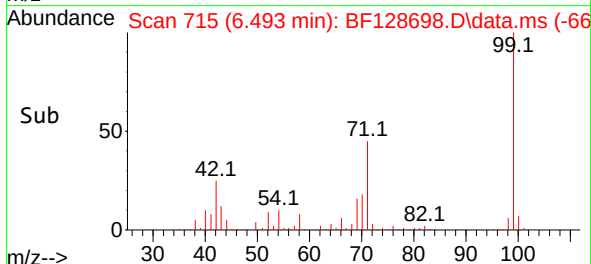
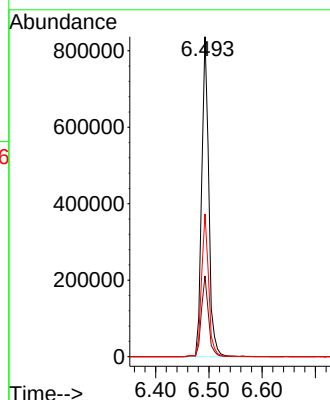
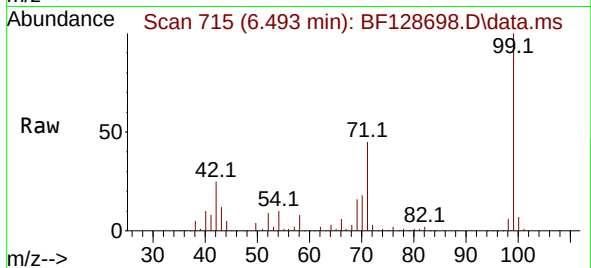




#7
Phenol-d6
Concen: 144.299 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.005 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

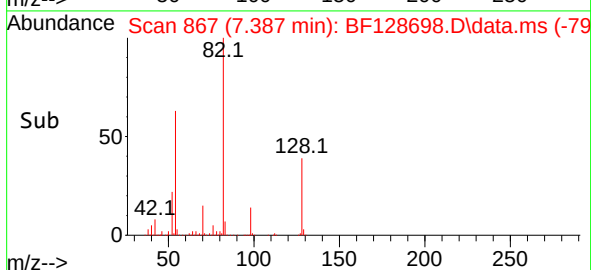
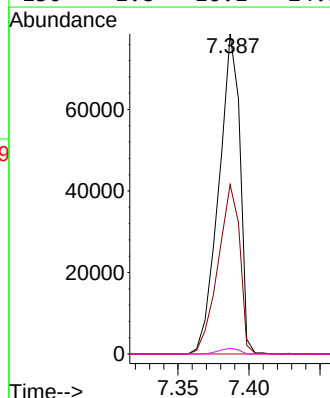
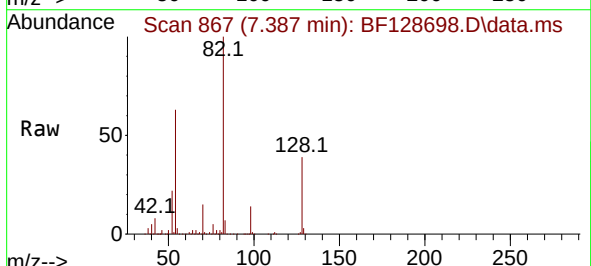
Instrument :
BNA_F
ClientSampleId :
20220419-COMPOSITE-H

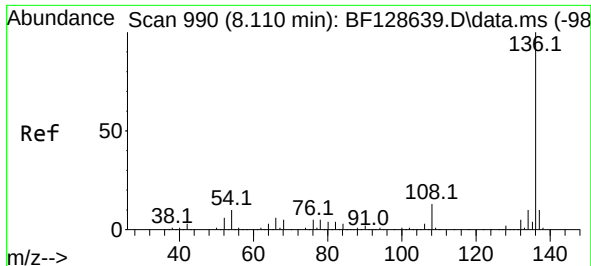
Tgt Ion: 99 Resp: 773516
Ion Ratio Lower Upper
99 100
42 25.3 17.3 25.9
71 44.6 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 24.350 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

Tgt Ion: 70 Resp: 81156
Ion Ratio Lower Upper
70 100
42 52.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

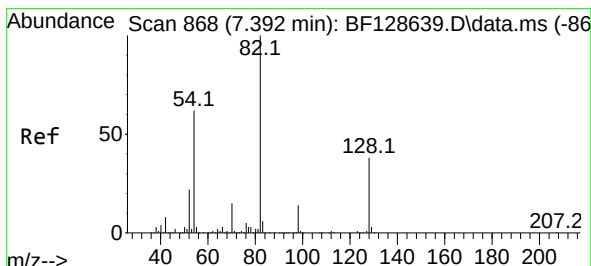
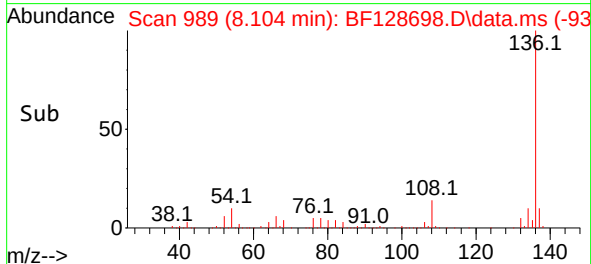
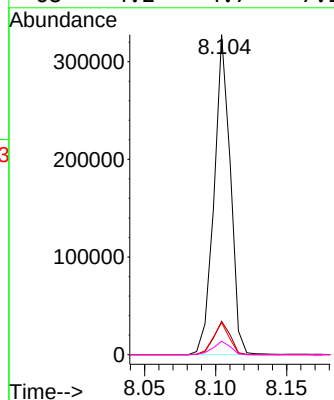
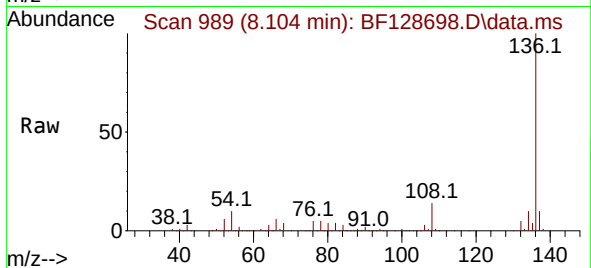




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

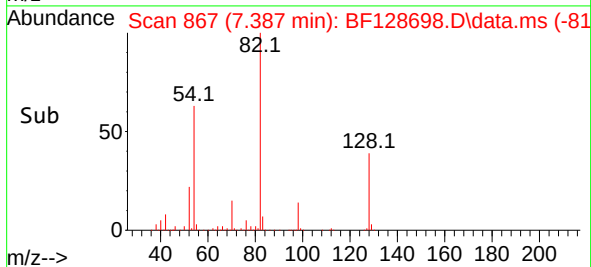
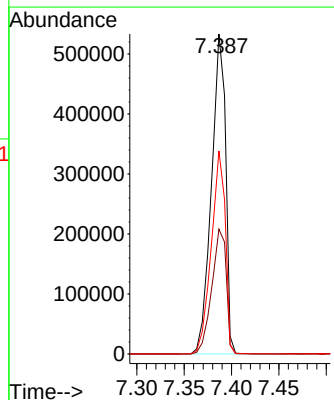
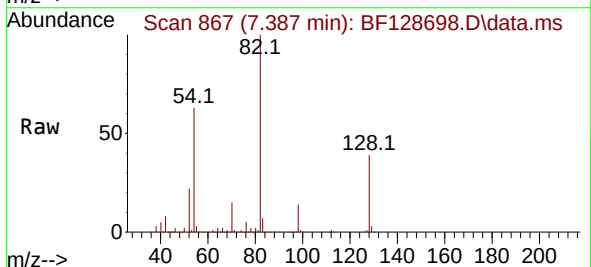
Instrument :
BNA_F
ClientSampleId :
20220419-COMPOSITE-H

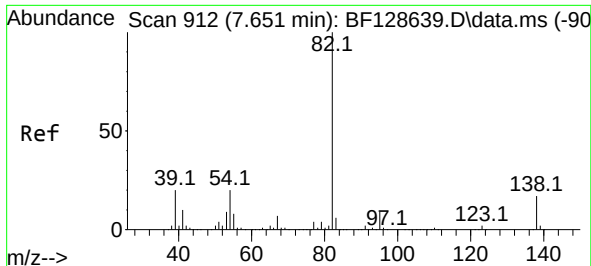
Tgt Ion:	136	Resp:	259931
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.1	7.5	11.3
68	4.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 99.130 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

Tgt Ion:	82	Resp:	553431
Ion	Ratio	Lower	Upper
82	100		
128	39.0	34.0	51.0
54	63.4	46.9	70.3

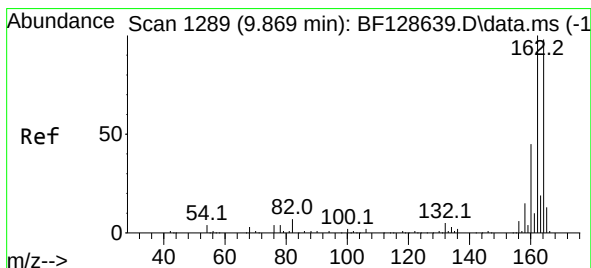
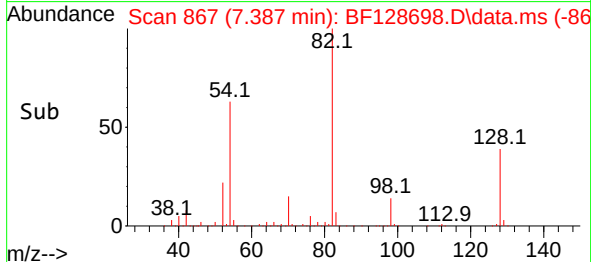
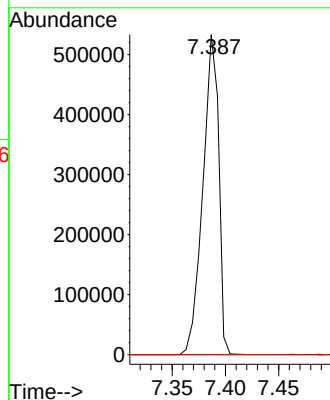
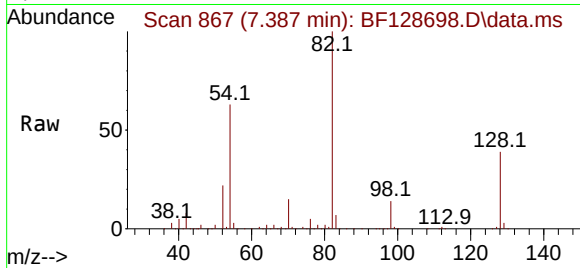




#25
Isophorone
Concen: 65.099 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

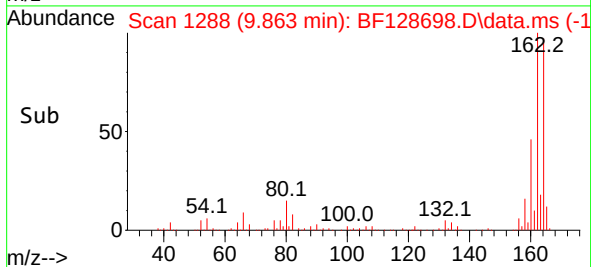
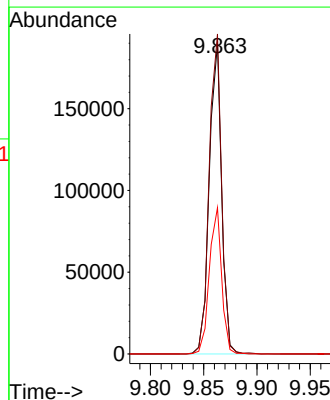
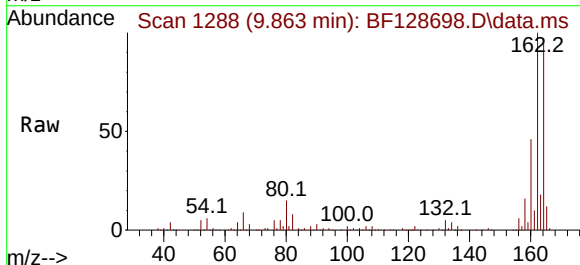
Instrument :
BNA_F
ClientSampleId :
20220419-COMPOSITE-H

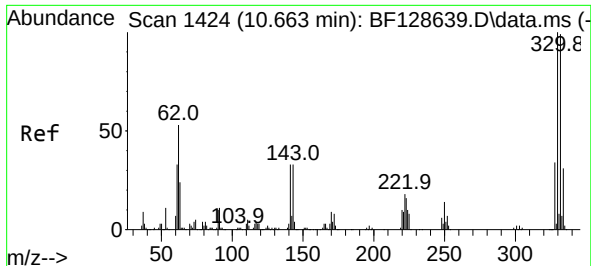
Tgt Ion: 82 Resp: 551988
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

Tgt Ion:164 Resp: 153834
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 47.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 119.916 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128698.D

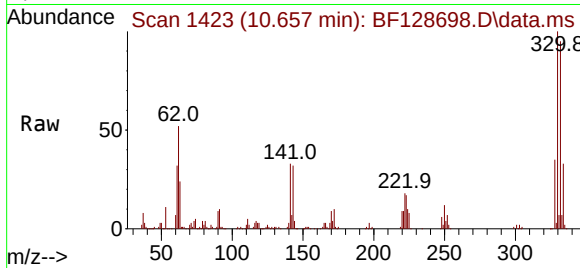
Acq: 06 Jun 2022 16:00

Instrument :

BNA_F

ClientSampleId :

20220419-COMPOSITE-H



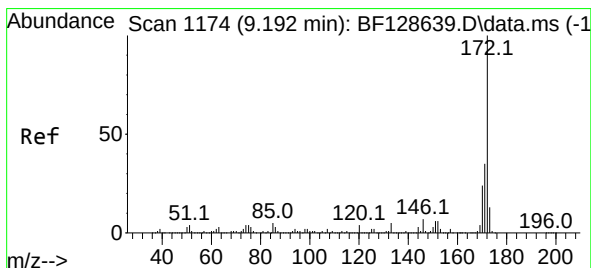
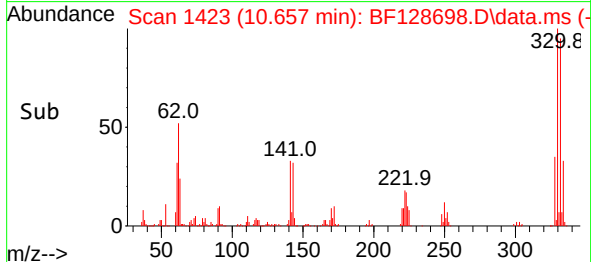
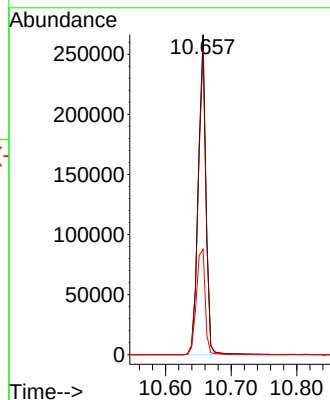
Tgt Ion:330 Resp: 217963

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 37.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.437 ng

RT: 9.187 min Scan# 1173

Delta R.T. -0.005 min

Lab File: BF128698.D

Acq: 06 Jun 2022 16:00

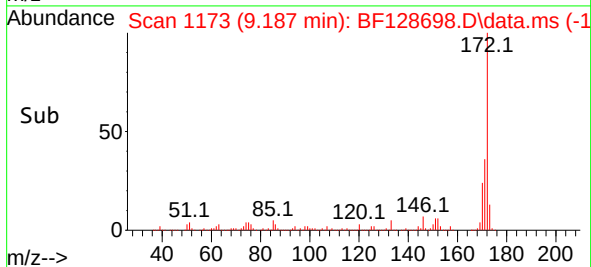
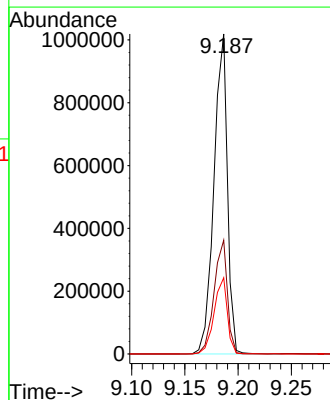
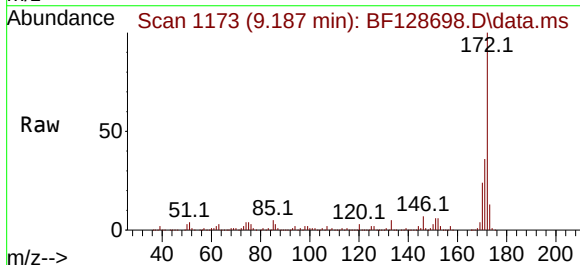
Tgt Ion:172 Resp: 894325

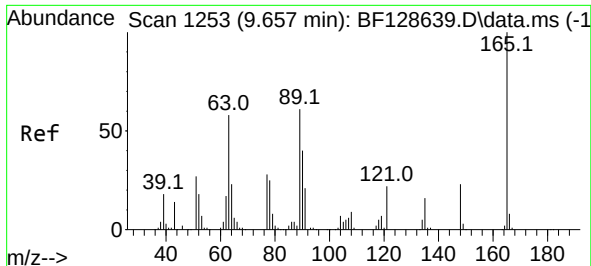
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.8 19.8 29.8

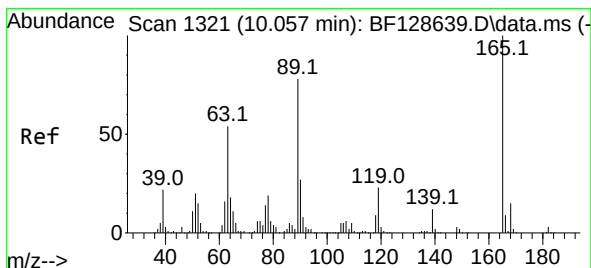
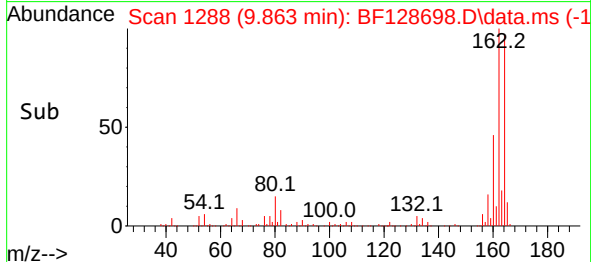
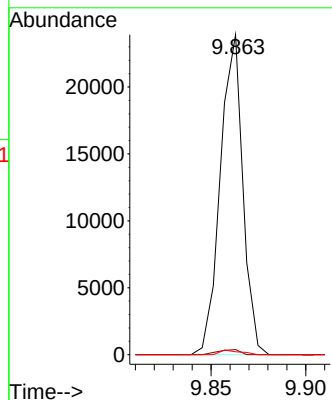
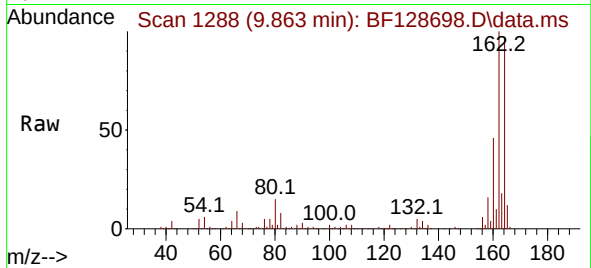




#51
2,6-Dinitrotoluene
Concen: 9.509 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

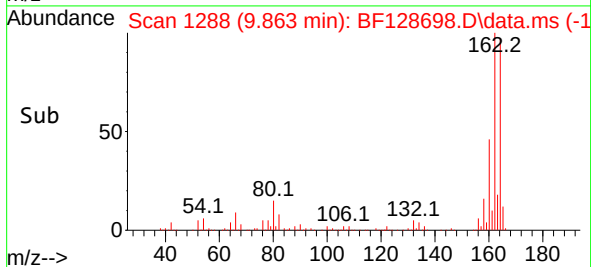
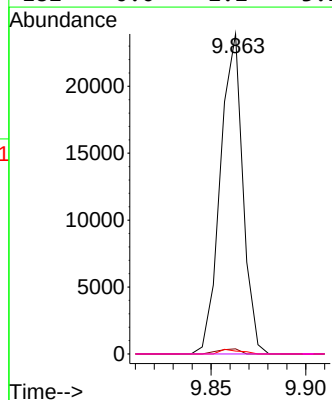
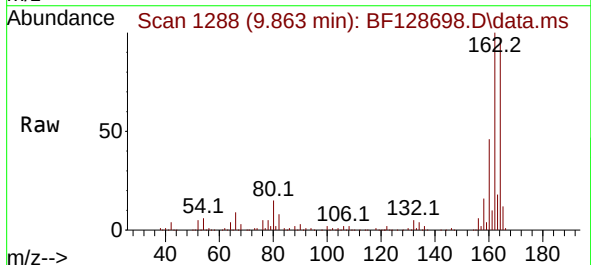
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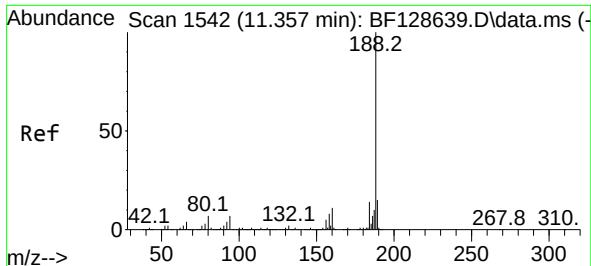
Tgt Ion:165 Resp: 19761
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 0.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.125 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

Tgt Ion:165 Resp: 19761
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#

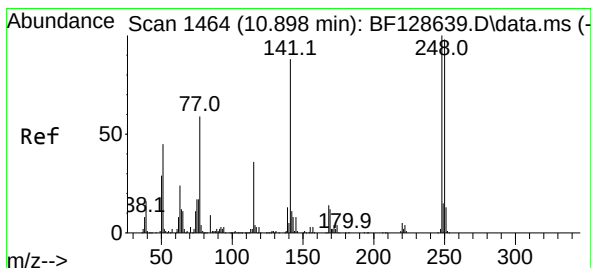
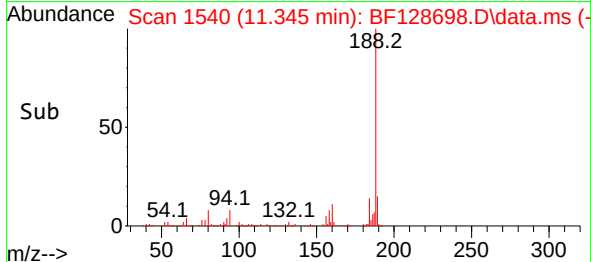
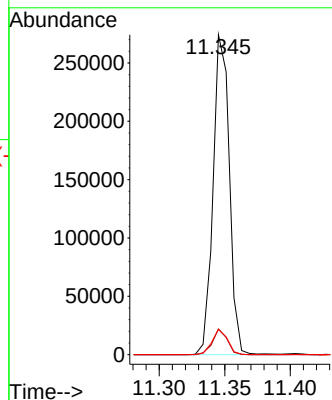
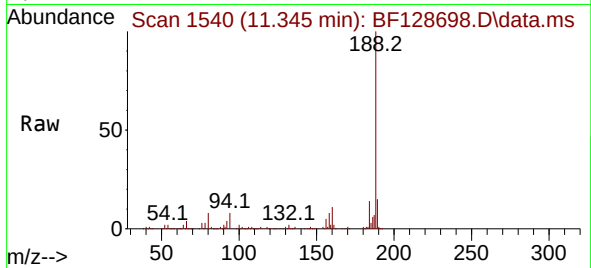




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

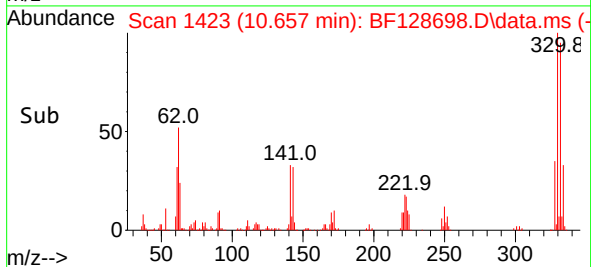
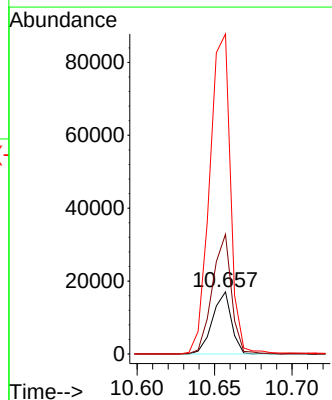
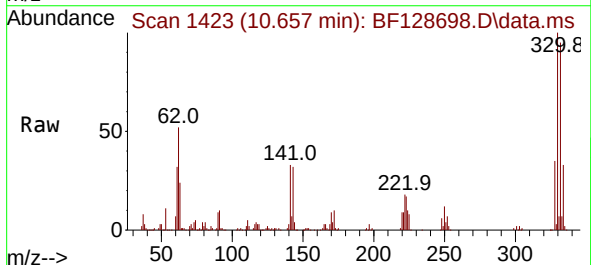
Instrument :
BNA_F
ClientSampleId :
20220419-COMPOSITE-H

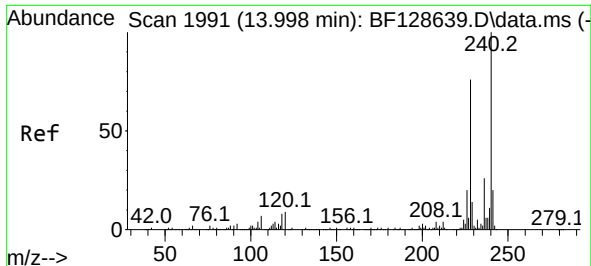
Tgt Ion:188 Resp: 236495
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.509 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

Tgt Ion:248 Resp: 14528
Ion Ratio Lower Upper
248 100
250 192.7 80.6 120.8#
141 514.8 58.9 88.3#

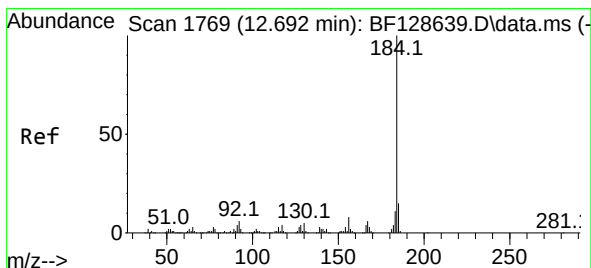
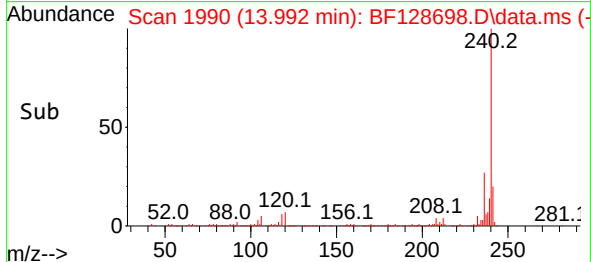
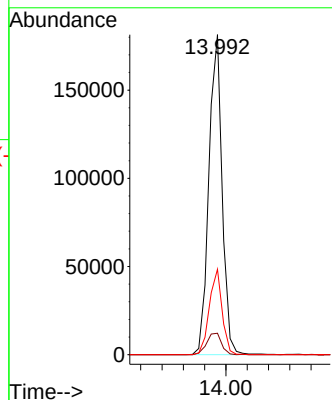
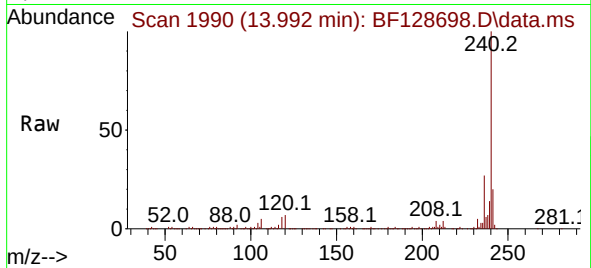




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

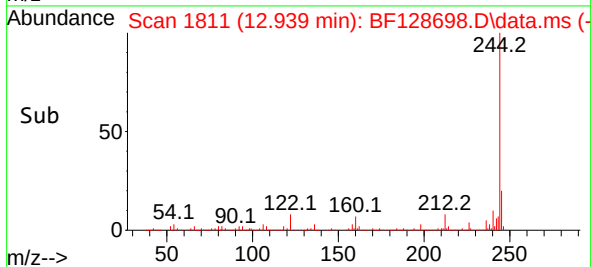
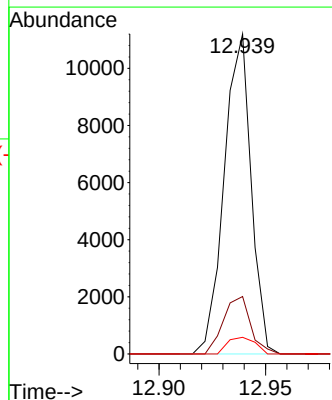
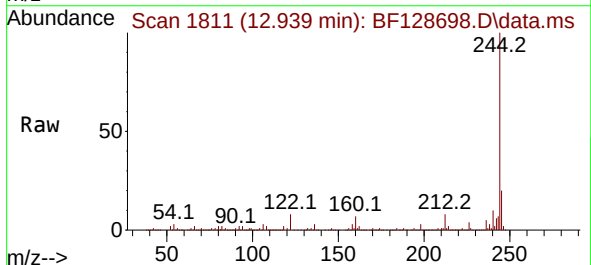
Instrument :
BNA_F
ClientSampleId :
20220419-COMPOSITE-H

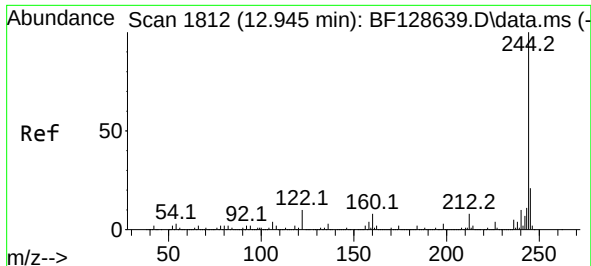
Tgt Ion:240 Resp: 156925
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 26.7 20.8 31.2



#77
Benzidine
Concen: 3.147 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128698.D
Acq: 06 Jun 2022 16:00

Tgt Ion:184 Resp: 9845
Ion Ratio Lower Upper
184 100
185 18.0 11.9 17.9#
183 5.2 9.3 13.9#

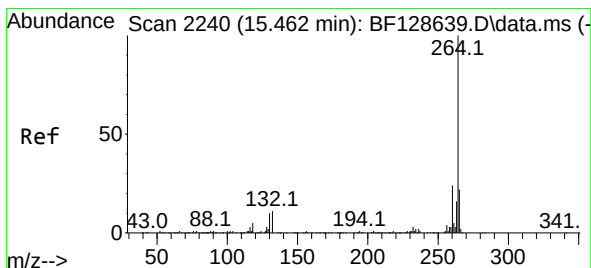
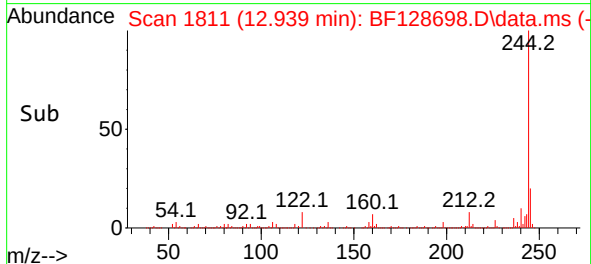
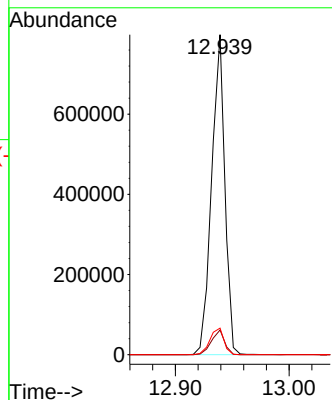
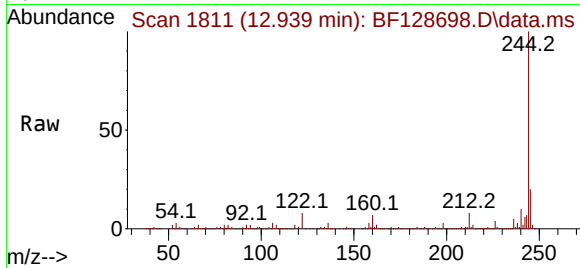




#79
 Terphenyl-d14
 Concen: 71.455 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128698.D
 Acq: 06 Jun 2022 16:00

Instrument :
 BNA_F
 ClientSampleId :
 20220419-COMPOSITE-H

Tgt Ion:244 Resp: 645303
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 8.3 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128698.D
 Acq: 06 Jun 2022 16:00

Tgt Ion:264 Resp: 168568
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 20.1 17.2 25.8

