

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130667.D
 Acq On : 14 Oct 2022 16:01
 Operator : CG\JU
 Sample : N5140-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Oct 17 02:21:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

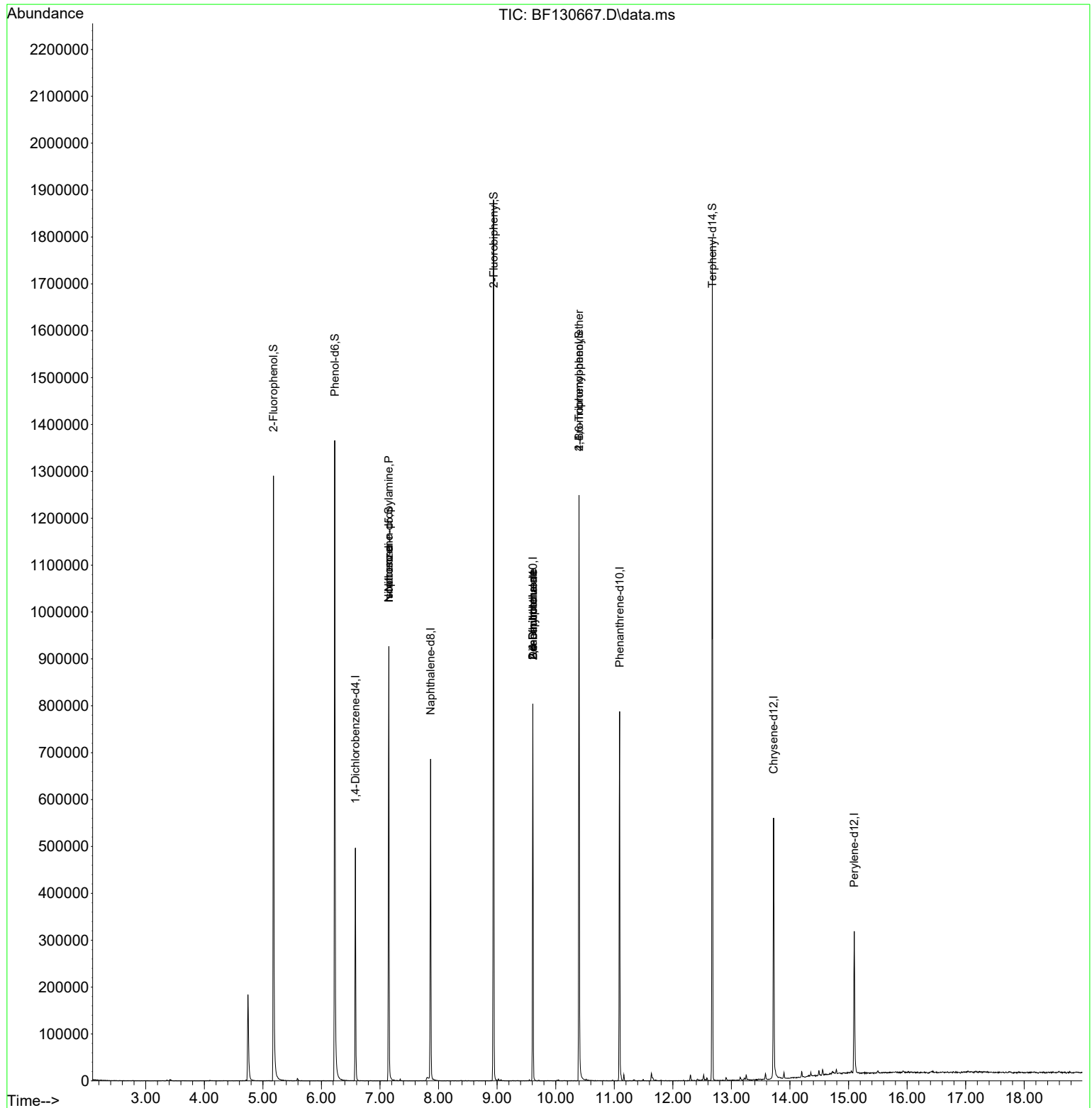
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	70813	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	278888	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	152160	20.000	ng	-0.01
64) Phenanthrene-d10	11.092	188	270382	20.000	ng	0.00
76) Chrysene-d12	13.721	240	174984	20.000	ng	0.00
86) Perylene-d12	15.098	264	125460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	357242	90.936	ng	0.00
7) Phenol-d6	6.228	99	445099	90.115	ng	-0.01
23) Nitrobenzene-d5	7.151	82	276587	54.140	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	140243	94.194	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	515810	51.349	ng	-0.01
79) Terphenyl-d14	12.674	244	560188	53.134	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.151	70	37182	11.668	ng	# 76
25) Isophorone	7.151	82	276584	32.529	ng	# 64
50) Dimethylphthalate	9.610	163	28974	2.751	ng	# 1
51) 2,6-Dinitrotoluene	9.610	165	19990	8.652	ng	# 24
57) 2,4-Dinitrotoluene	9.610	165	19990	6.732	ng	# 14
67) 4-Bromophenyl-phenylether	10.398	248	8732	2.854	ng	# 1

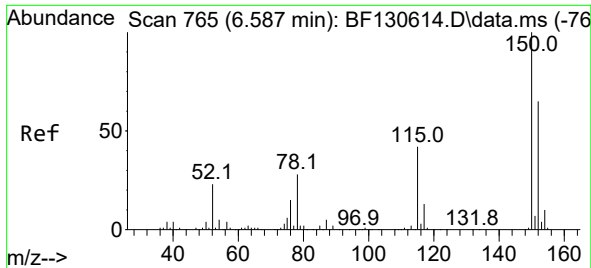
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

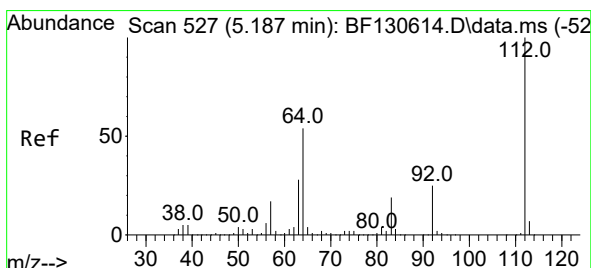
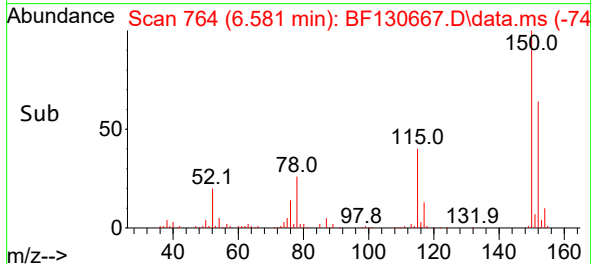
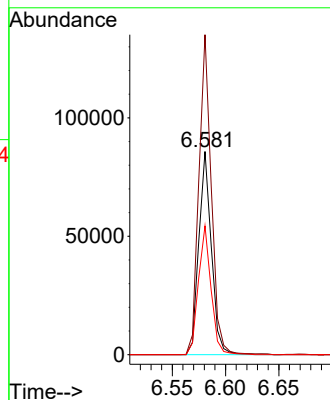
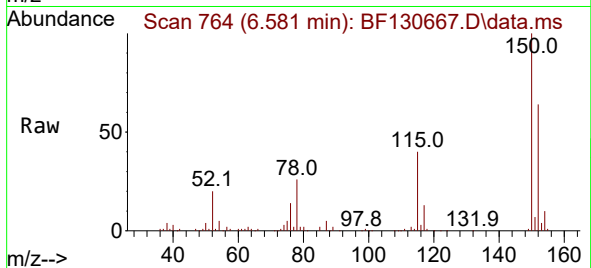




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

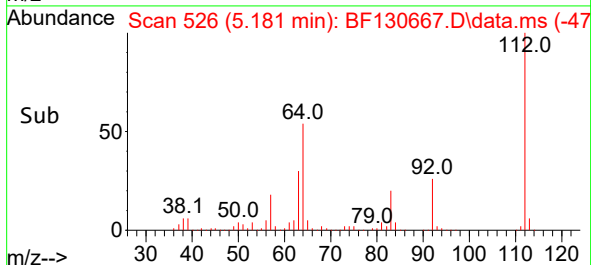
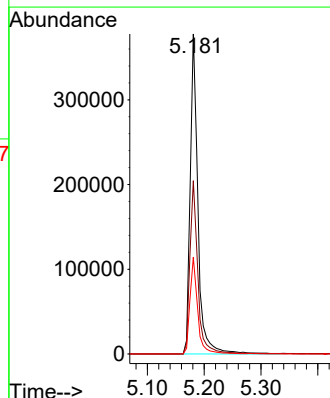
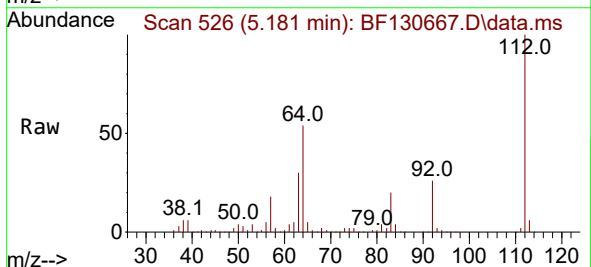
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

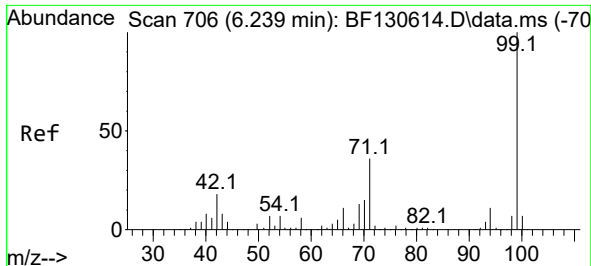
Tgt Ion:152 Resp: 70813
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 63.4 52.2 78.4



#5
2-Fluorophenol
Concen: 90.936 ng
RT: 5.181 min Scan# 526
Delta R.T. -0.006 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

Tgt Ion:112 Resp: 357242
Ion Ratio Lower Upper
112 100
64 54.2 43.5 65.3
63 30.3 22.6 34.0

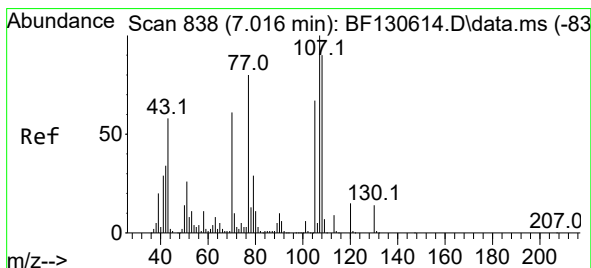
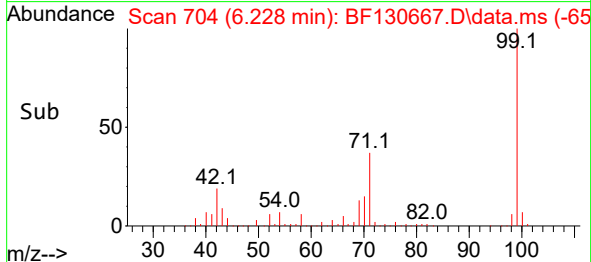
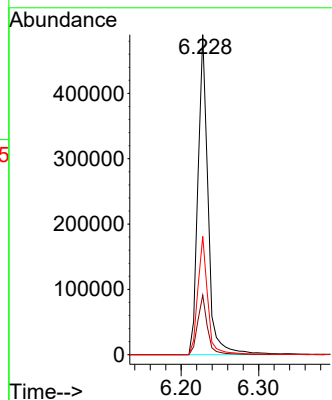
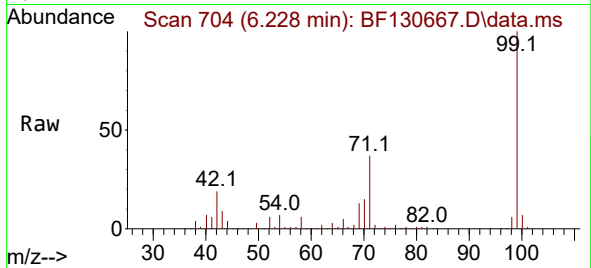




#7
Phenol-d6
Concen: 90.115 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

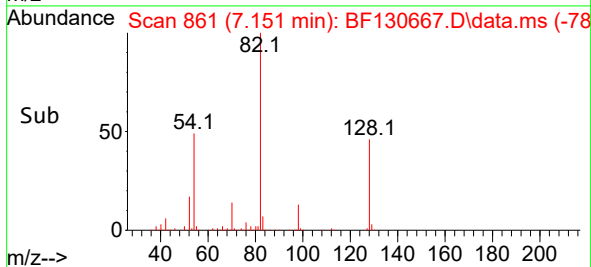
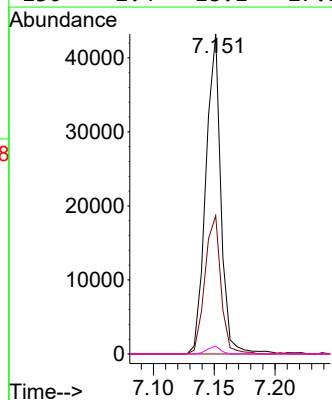
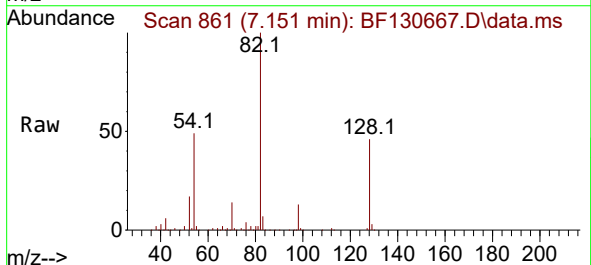
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

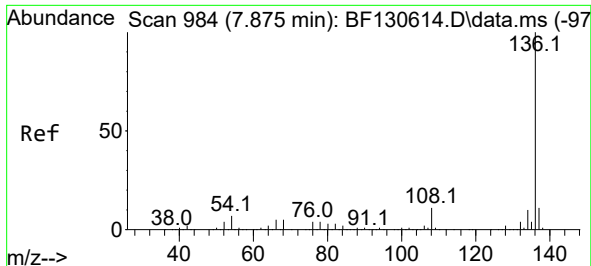
Tgt Ion: 99 Resp: 445099
Ion Ratio Lower Upper
99 100
42 18.6 14.0 21.0
71 36.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.668 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

Tgt Ion: 70 Resp: 37182
Ion Ratio Lower Upper
70 100
42 43.2 44.3 66.5#
101 0.0 7.9 11.9#
130 2.4 18.1 27.1#



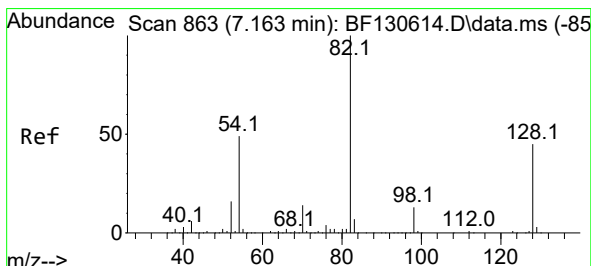
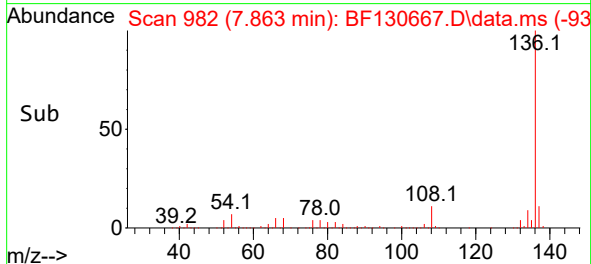
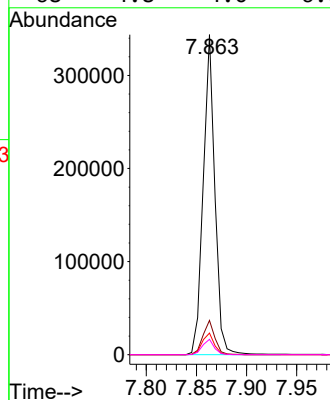
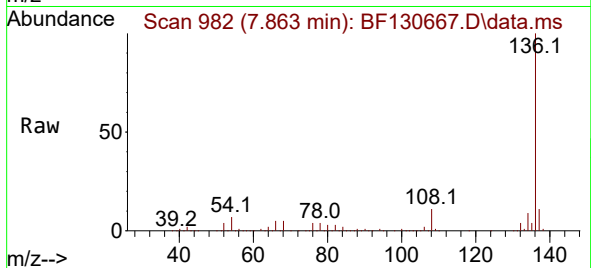


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:136 Resp: 278888

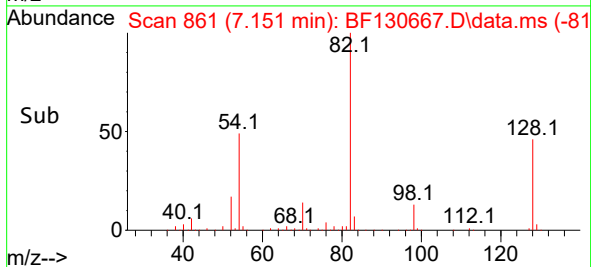
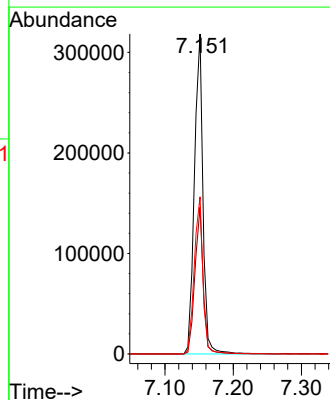
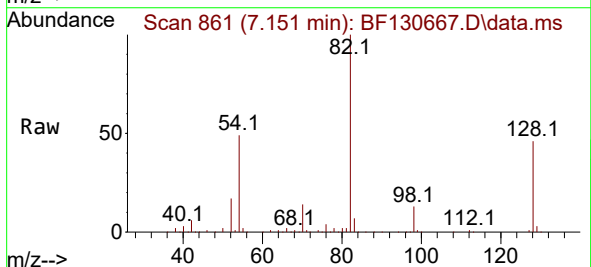
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.7	5.5	8.3
68	4.8	4.0	6.0

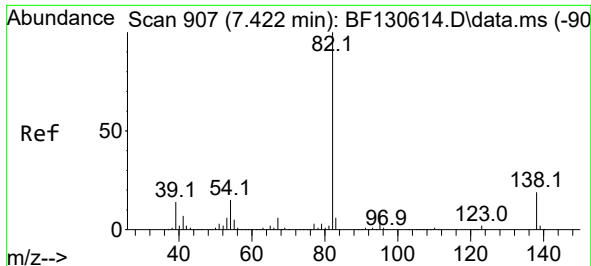


#23
Nitrobenzene-d5
Concen: 54.140 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

Tgt Ion: 82 Resp: 276587

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.8	53.6
54	49.1	39.3	58.9

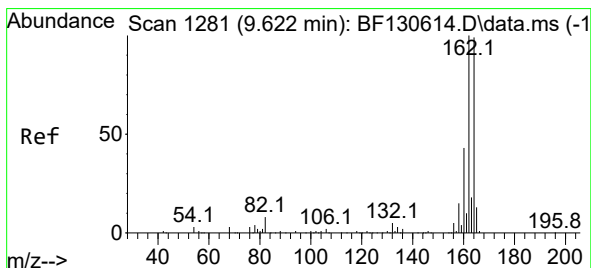
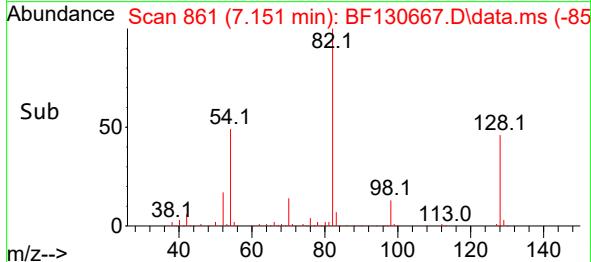
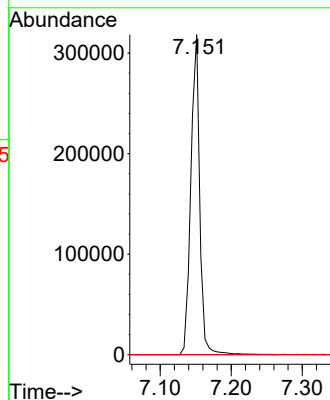
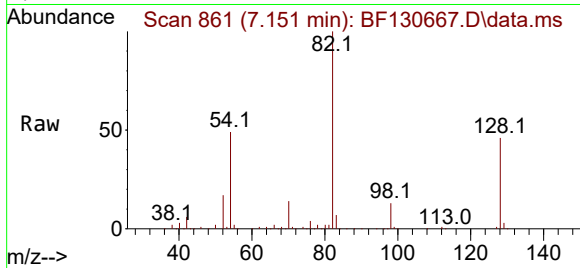




#25
Isophorone
Concen: 32.529 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

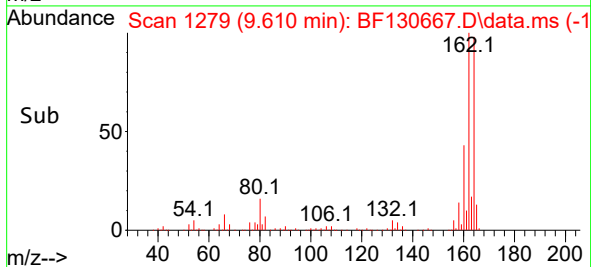
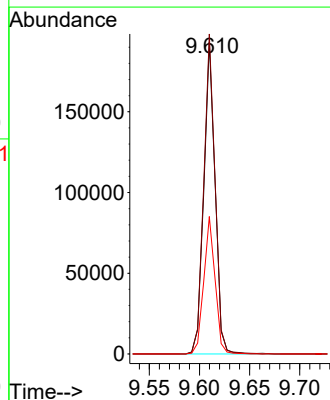
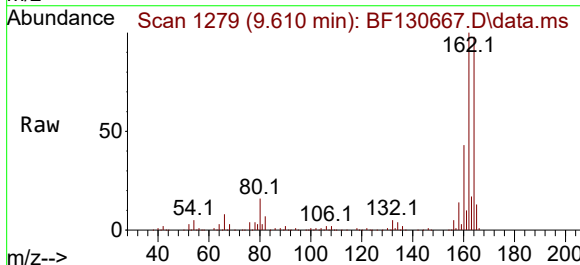
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

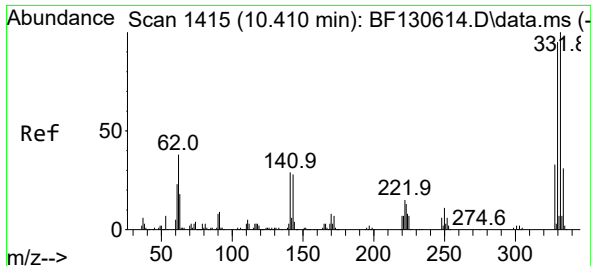
Tgt Ion: 82 Resp: 276584
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

Tgt Ion:164 Resp: 152160
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 44.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 94.194 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130667.D

Acq: 14 Oct 2022 16:01

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

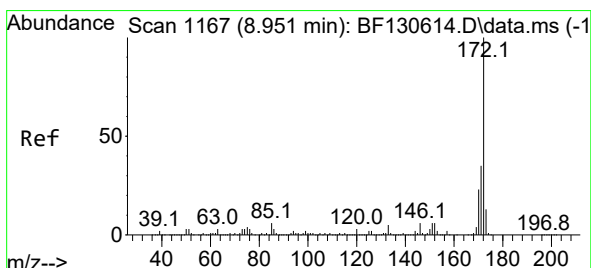
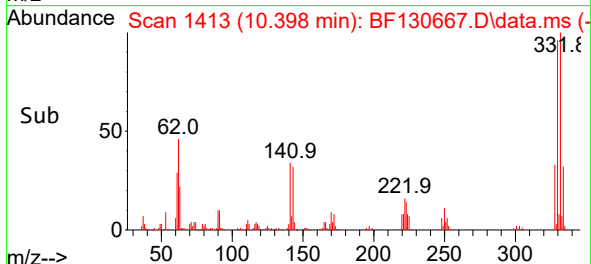
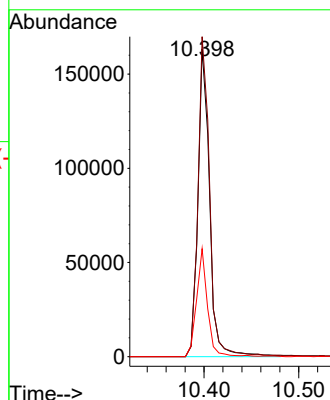
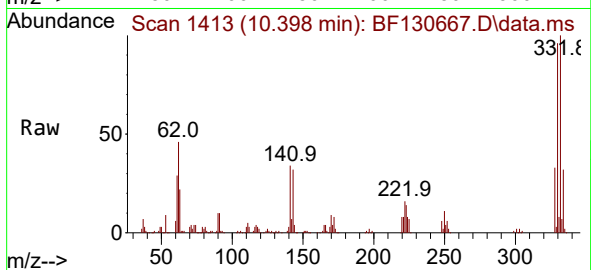
Tgt Ion:330 Resp: 140243

Ion Ratio Lower Upper

330 100

332 105.0 84.2 126.4

141 33.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 51.349 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130667.D

Acq: 14 Oct 2022 16:01

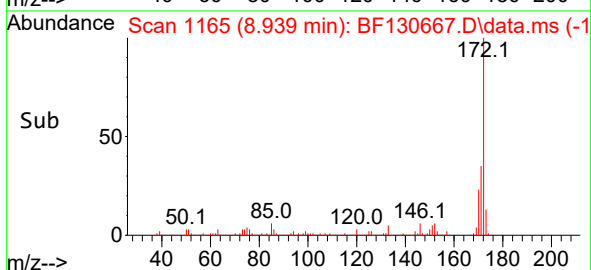
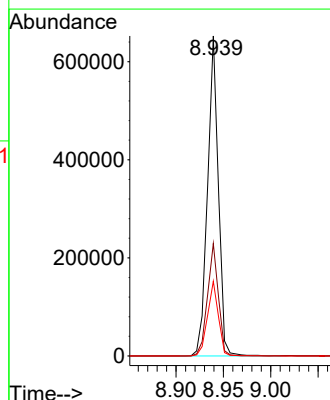
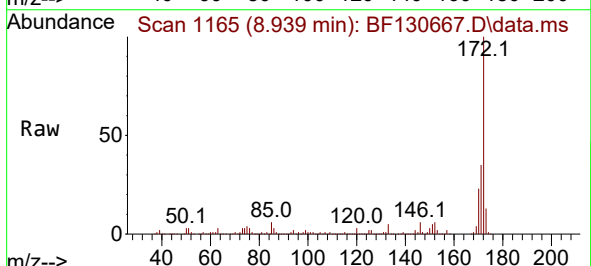
Tgt Ion:172 Resp: 515810

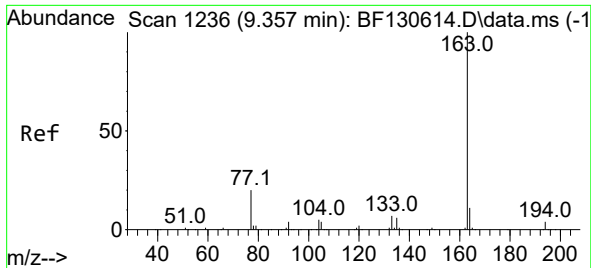
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.3 18.6 27.8

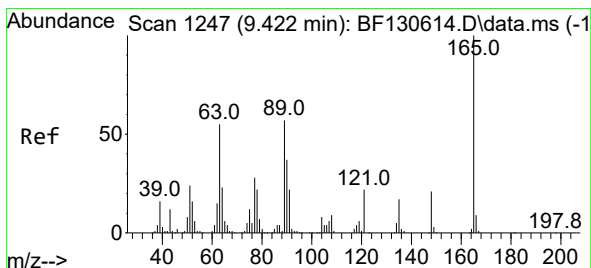
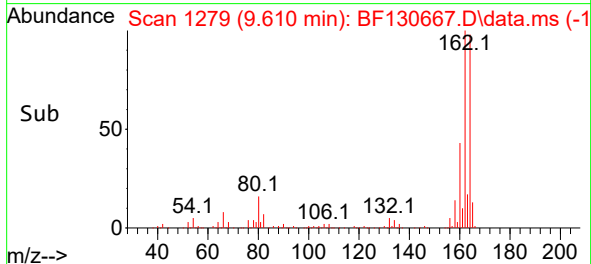
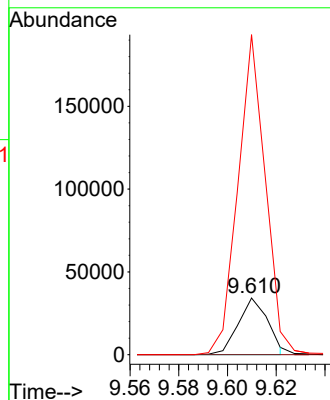
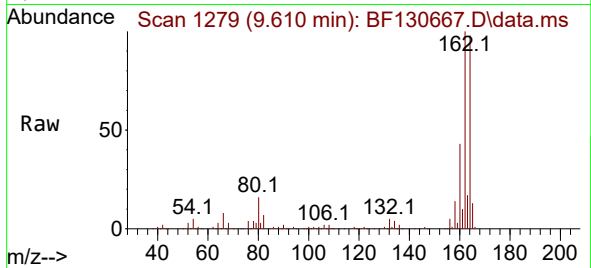




#50
Dimethylphthalate
Concen: 2.751 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.253 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

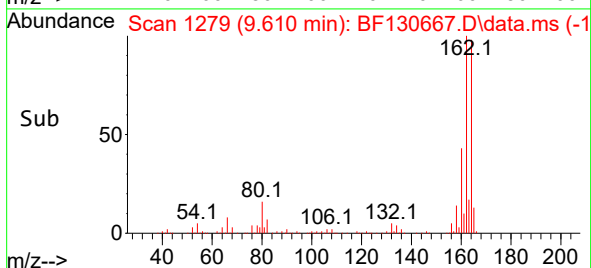
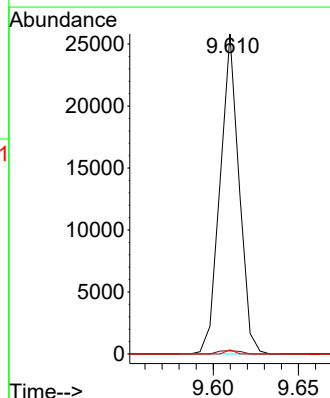
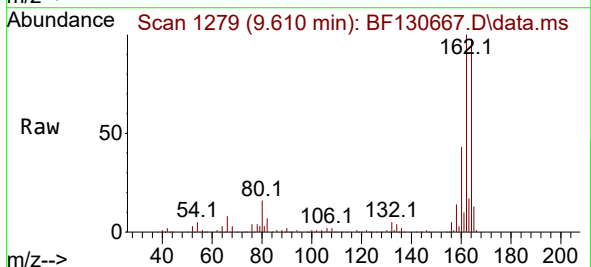
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

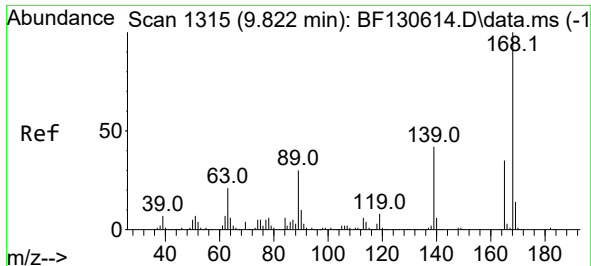
Tgt Ion:163 Resp: 28974
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 564.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.652 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

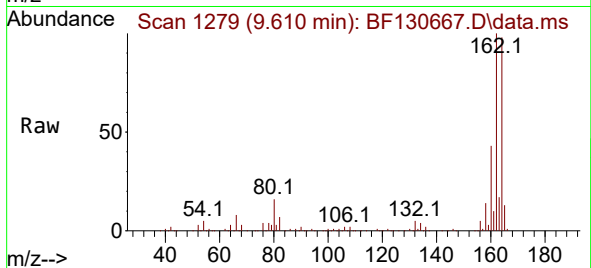
Tgt Ion:165 Resp: 19990
Ion Ratio Lower Upper
165 100
63 1.0 45.3 67.9#
89 1.3 45.6 68.4#



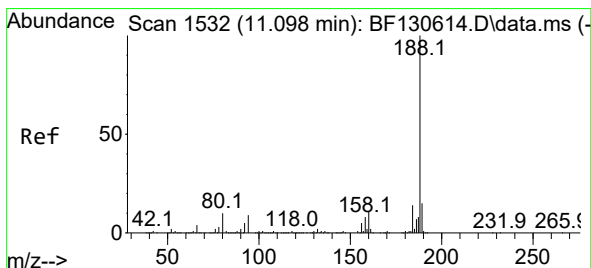
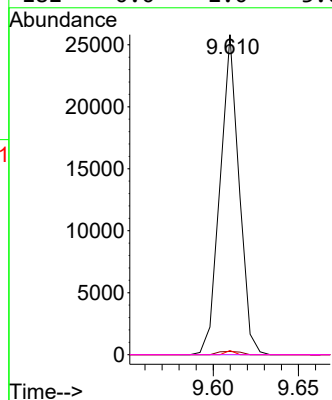
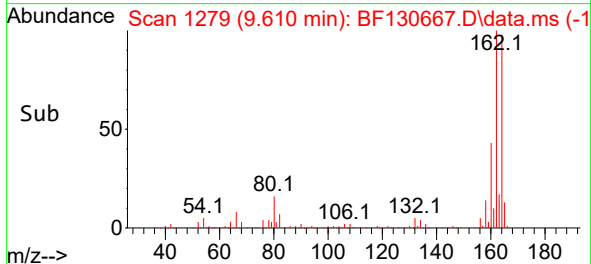


#57
2,4-Dinitrotoluene
Concen: 6.732 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.212 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

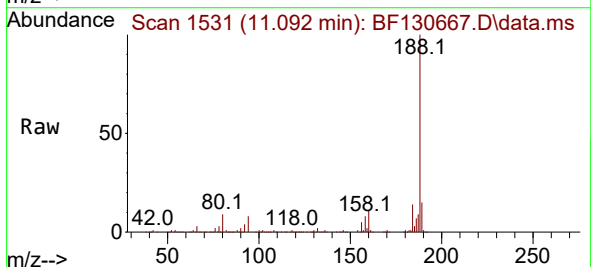
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP



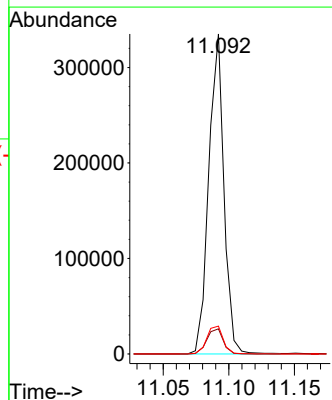
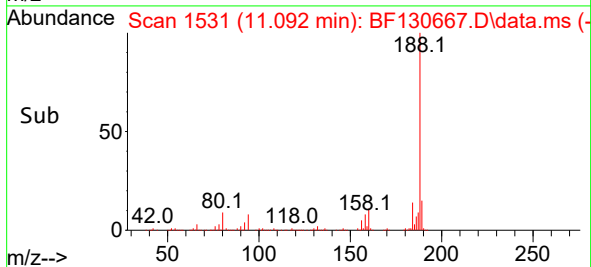
Tgt Ion:165 Resp: 19990
Ion Ratio Lower Upper
165 100
63 1.0 50.6 76.0#
89 1.3 68.6 102.8#
182 0.0 2.0 3.0#

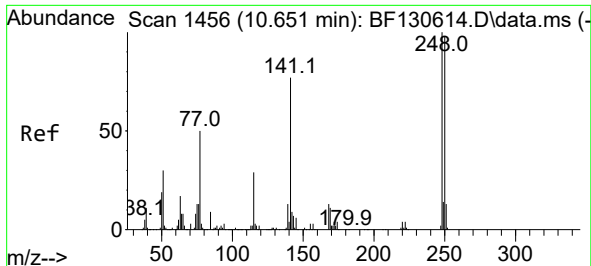


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01



Tgt Ion:188 Resp: 270382
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.7 8.0 12.0

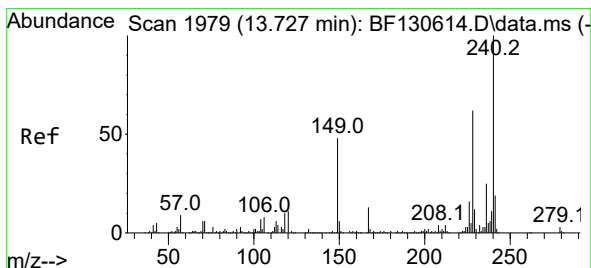
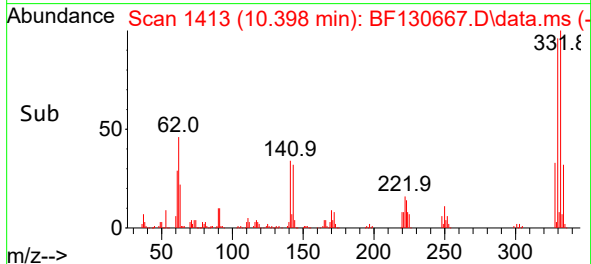
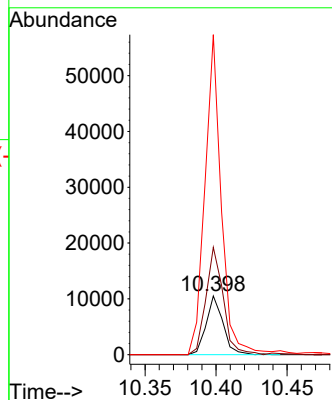
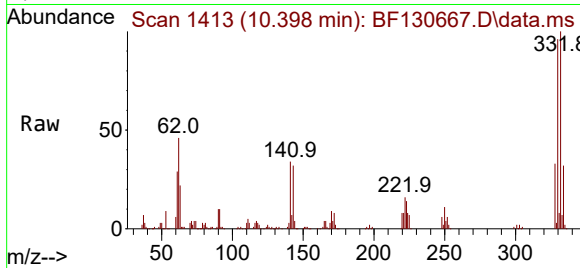




#67
4-Bromophenyl-phenylether
Concen: 2.854 ng
RT: 10.398 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

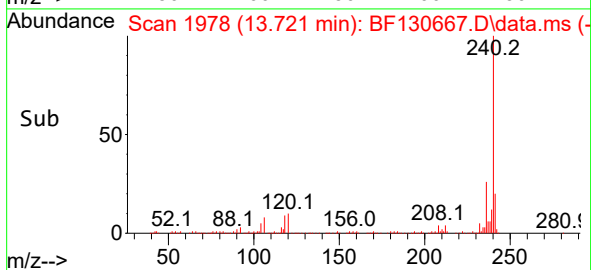
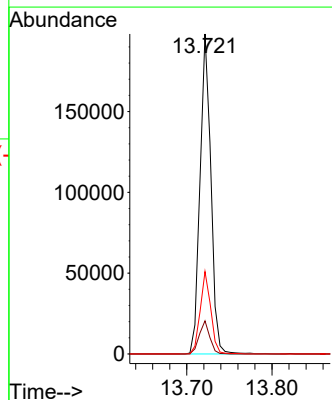
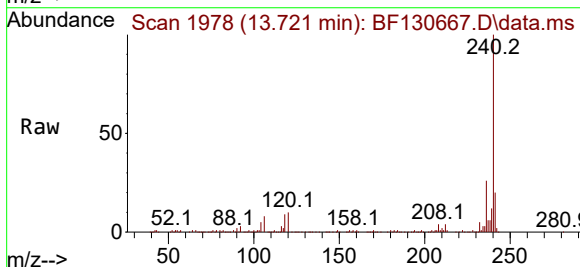
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

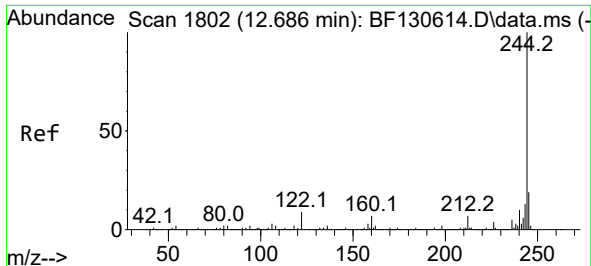
Tgt Ion:248 Resp: 8732
Ion Ratio Lower Upper
248 100
250 182.7 78.7 118.1#
141 544.2 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

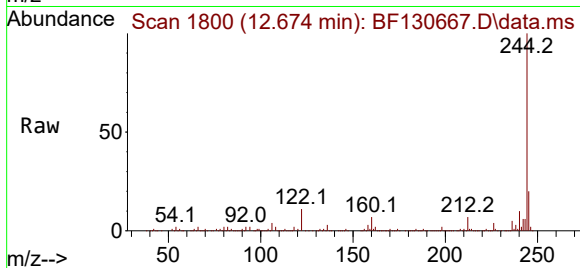
Tgt Ion:240 Resp: 174984
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.8 20.2 30.4



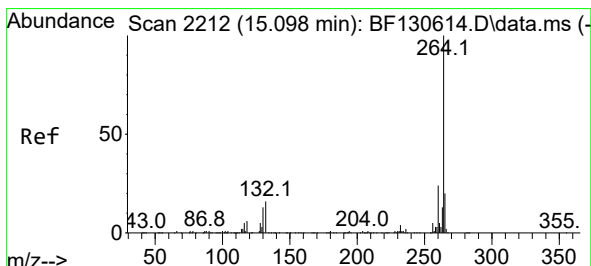
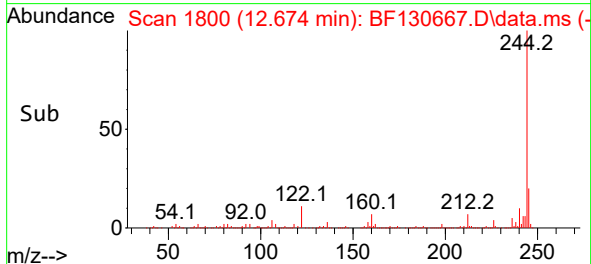
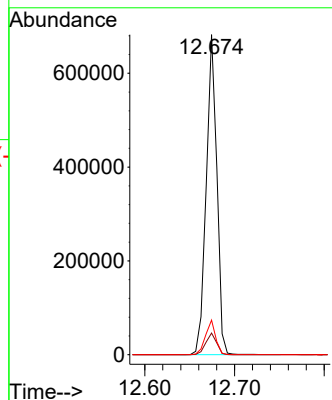


#79
 Terphenyl-d14
 Concen: 53.134 ng
 RT: 12.674 min Scan# 1800
 Delta R.T. -0.012 min
 Lab File: BF130667.D
 Acq: 14 Oct 2022 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP



Tgt Ion:244 Resp: 560188
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130667.D
 Acq: 14 Oct 2022 16:01

Tgt Ion:264 Resp: 125460
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.6 16.4 24.6

