

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130670.D
 Acq On : 14 Oct 2022 17:38
 Operator : CG\JU
 Sample : N5140-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Oct 17 02:22:32 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)

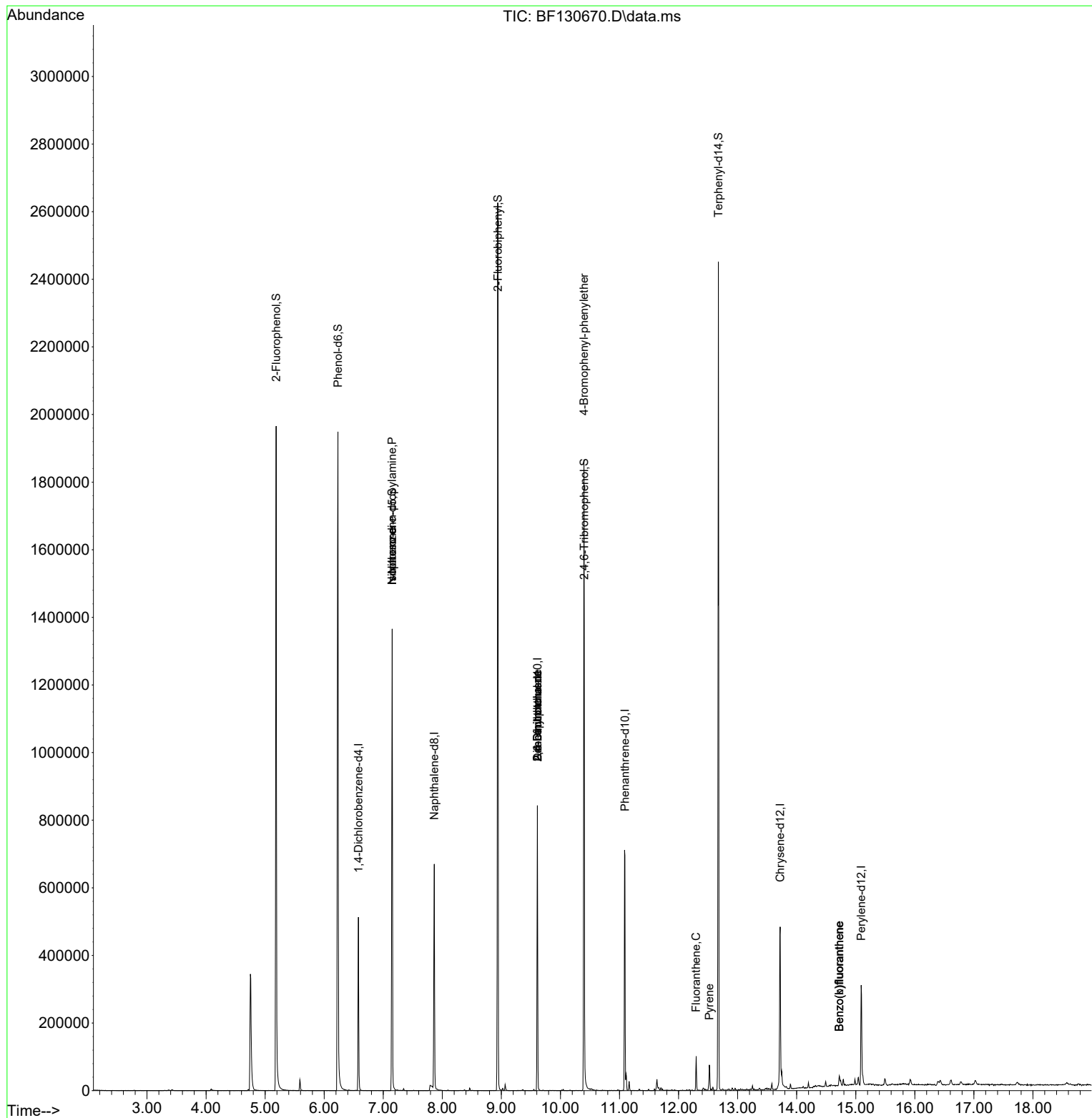
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	72406	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	284012	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	155853	20.000	ng	-0.01
64) Phenanthrene-d10	11.092	188	265741	20.000	ng	# 0.00
76) Chrysene-d12	13.721	240	155552	20.000	ng	0.00
86) Perylene-d12	15.092	264	127522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	548568	136.566	ng	0.00
7) Phenol-d6	6.234	99	702696	139.139	ng	0.00
23) Nitrobenzene-d5	7.151	82	432754	83.181	ng	-0.01
42) 2,4,6-Tribromophenol	10.404	330	224455	147.182	ng	0.00
45) 2-Fluorobiphenyl	8.939	172	781085	75.914	ng	-0.01
79) Terphenyl-d14	12.674	244	789049	84.191	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.151	70	58043	17.814	ng	# 77
25) Isophorone	7.151	82	432750	49.978	ng	# 64
50) Dimethylphthalate	9.610	163	28824	2.672	ng	# 1
51) 2,6-Dinitrotoluene	9.610	165	19937	8.425	ng	# 24
57) 2,4-Dinitrotoluene	9.610	165	19937	6.555	ng	# 14
67) 4-Bromophenyl-phenylether	10.398	248	14098	4.689	ng	# 1
75) Fluoranthene	12.298	202	37914	2.679	ng	99
78) Pyrene	12.521	202	32307	2.407	ng	98
88) Benzo(b)fluoranthene	14.721	252	20098	2.489	ng	99
89) Benzo(k)fluoranthene	14.721	252	20098	2.444	ng	100

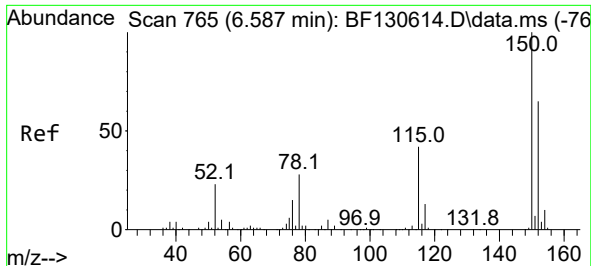
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 17 02:22:32 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

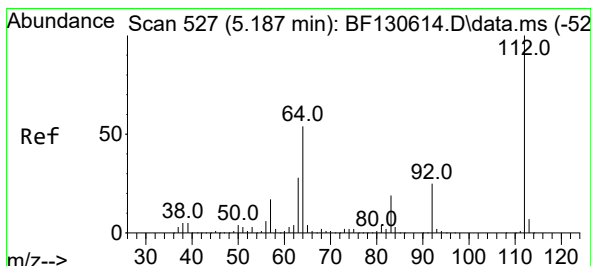
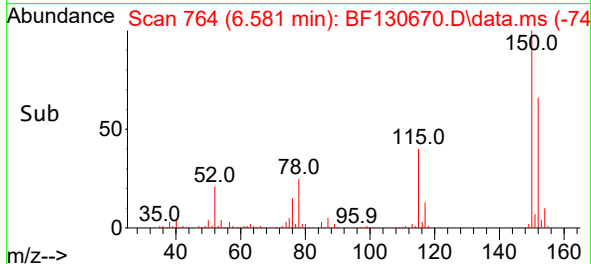
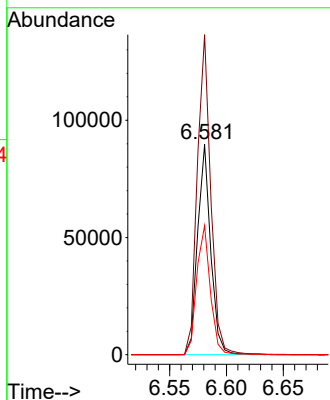
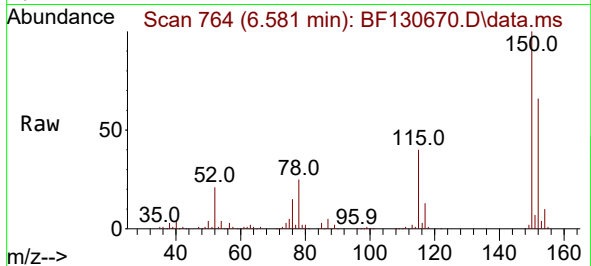




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

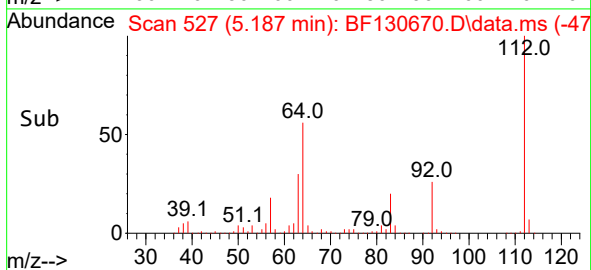
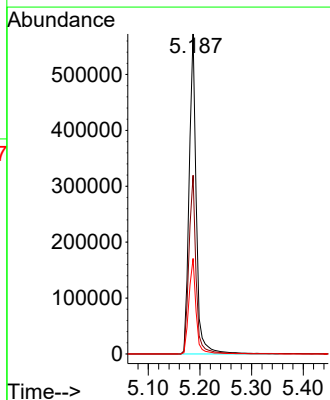
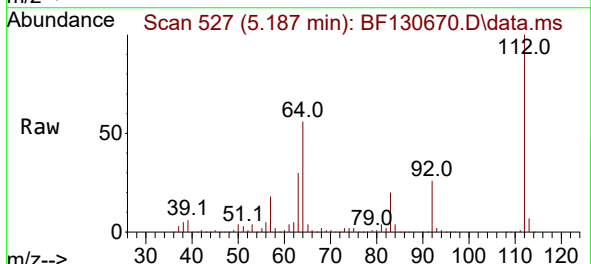
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

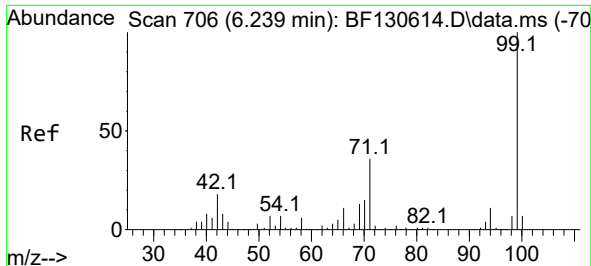
Tgt Ion:152 Resp: 72406
Ion Ratio Lower Upper
152 100
150 152.2 123.8 185.6
115 61.3 52.2 78.4



#5
2-Fluorophenol
Concen: 136.566 ng
RT: 5.187 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion:112 Resp: 548568
Ion Ratio Lower Upper
112 100
64 55.9 43.5 65.3
63 29.9 22.6 34.0

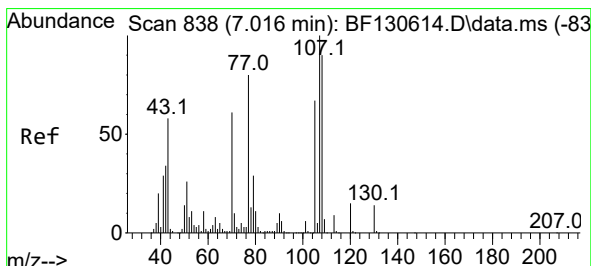
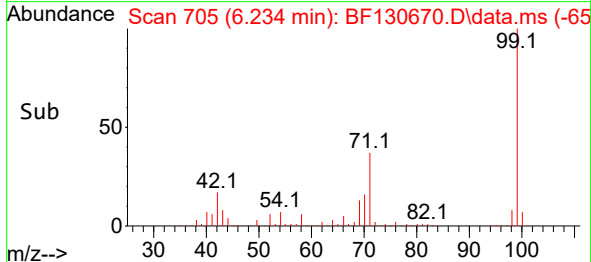
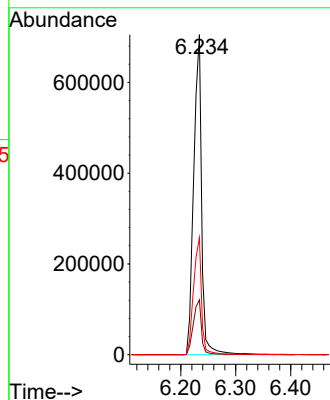
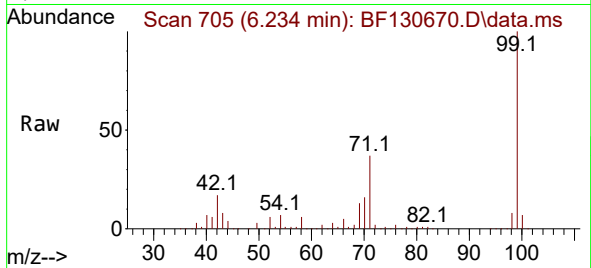




#7
Phenol-d6
Concen: 139.139 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

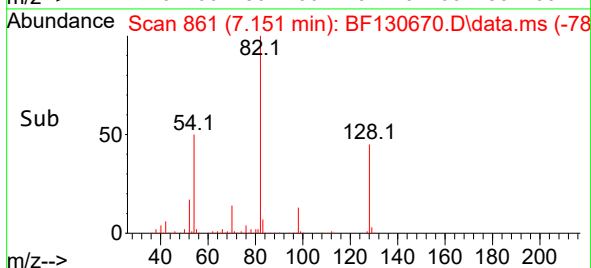
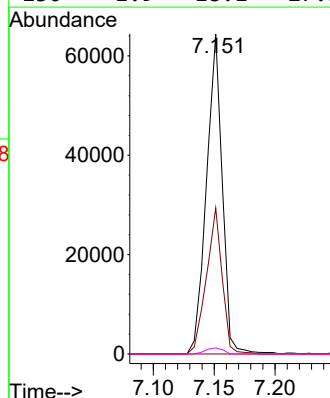
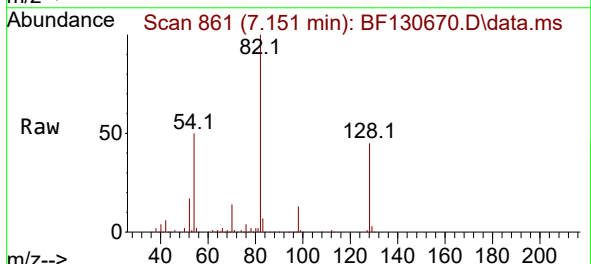
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

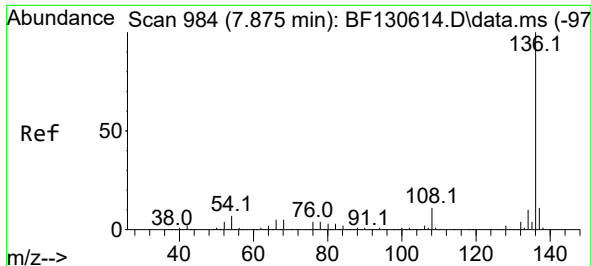
Tgt Ion: 99 Resp: 702696
Ion Ratio Lower Upper
99 100
42 17.2 14.0 21.0
71 36.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.814 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 70 Resp: 58043
Ion Ratio Lower Upper
70 100
42 45.7 44.3 66.5
101 0.0 7.9 11.9#
130 1.9 18.1 27.1#

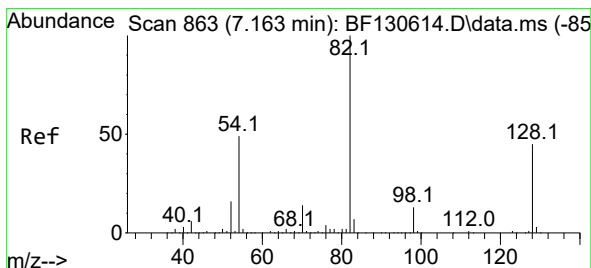
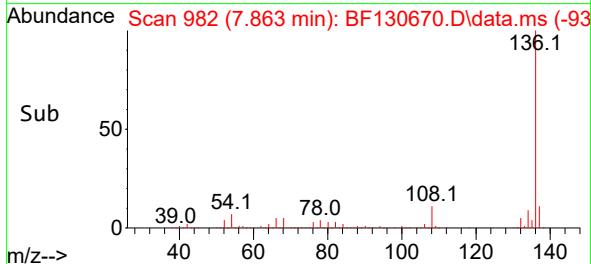
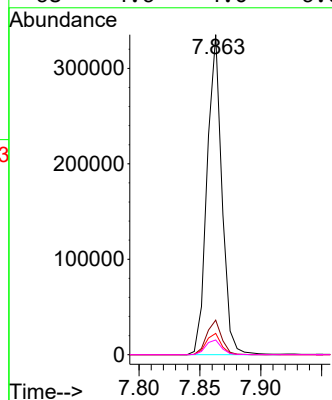
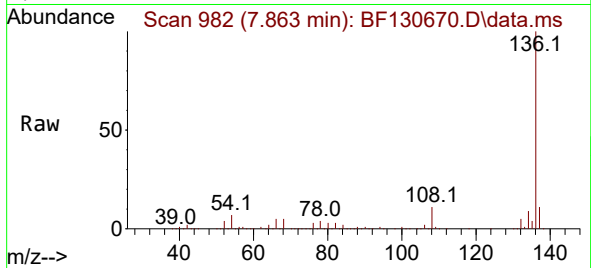




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

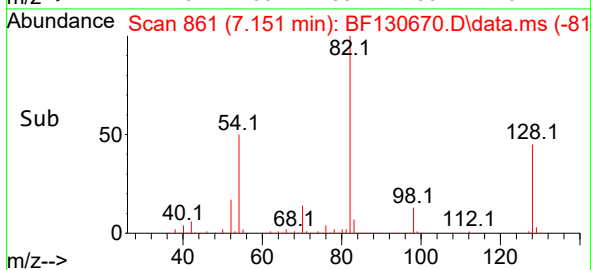
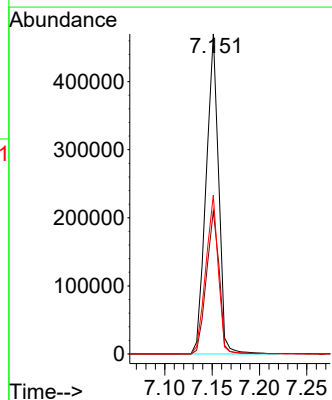
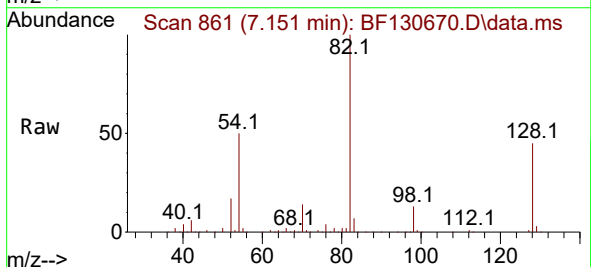
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

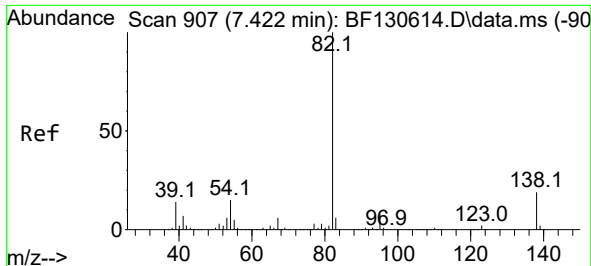
Tgt Ion:136 Resp: 284012
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.7 5.5 8.3
68 4.6 4.0 6.0



#23
Nitrobenzene-d5
Concen: 83.181 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 82 Resp: 432754
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 49.6 39.3 58.9

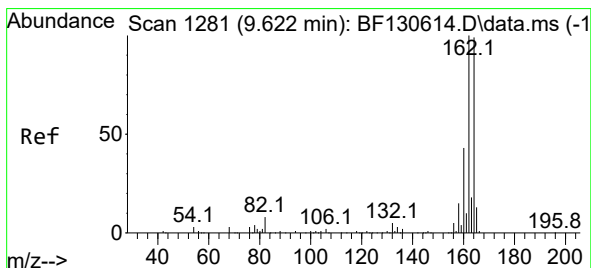
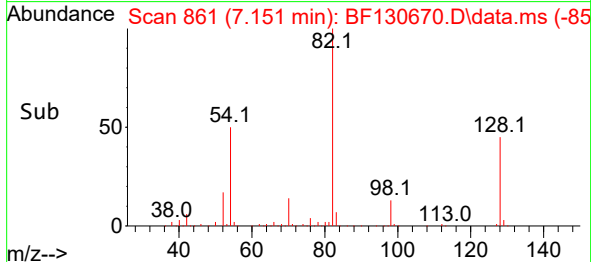
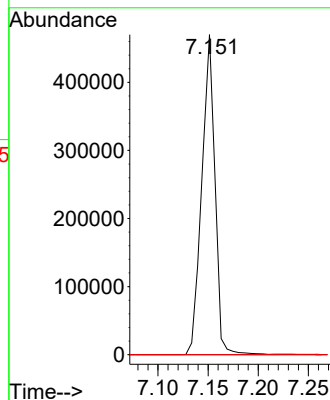
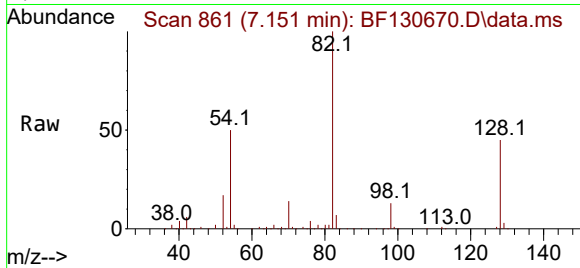




#25
Isophorone
Concen: 49.978 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

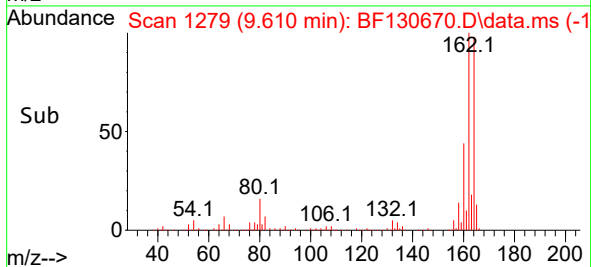
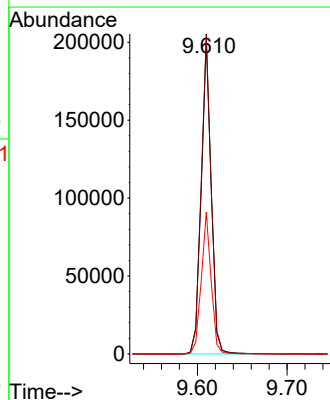
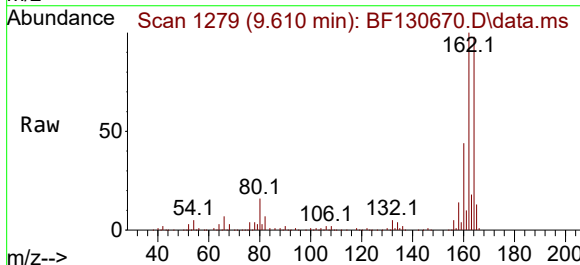
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ClientSampleId :
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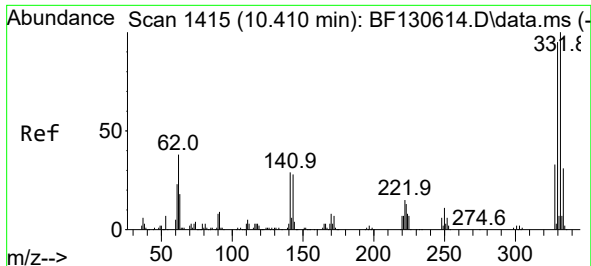
Tgt Ion: 82 Resp: 432750
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion:164 Resp: 155853
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 45.2 34.5 51.7

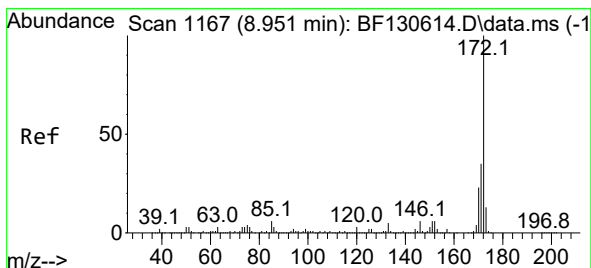
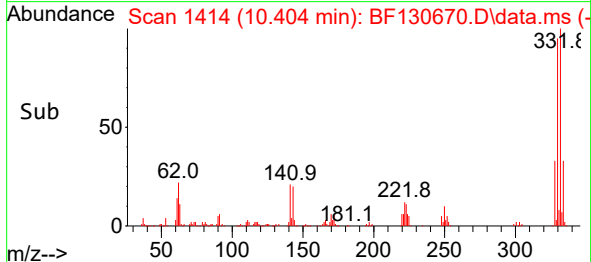
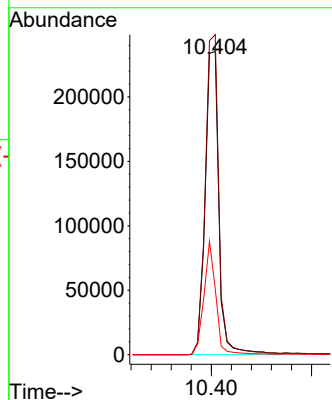
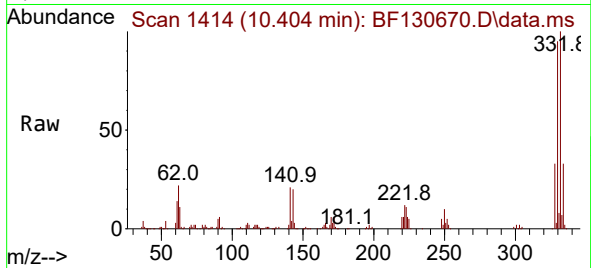




#42
2,4,6-Tribromophenol
Concen: 147.182 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

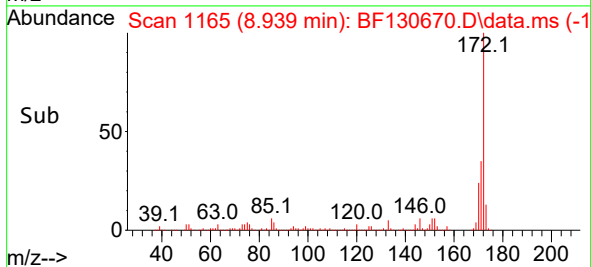
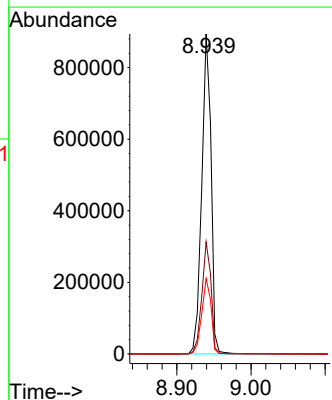
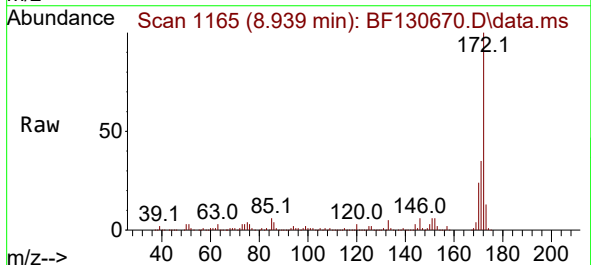
Instrument :
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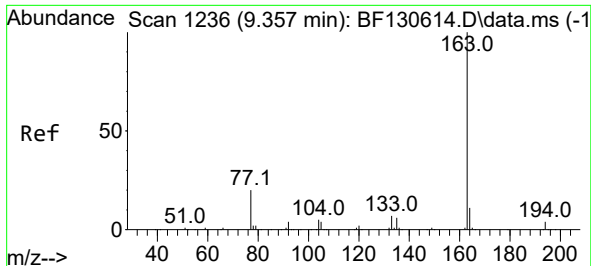
Tgt Ion: 330 Resp: 224455
Ion Ratio Lower Upper
330 100
332 105.8 84.2 126.4
141 32.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 75.914 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 172 Resp: 781085
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.5 18.6 27.8

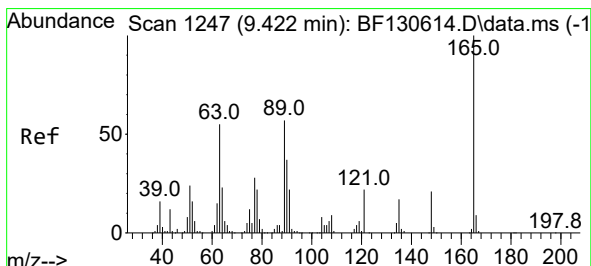
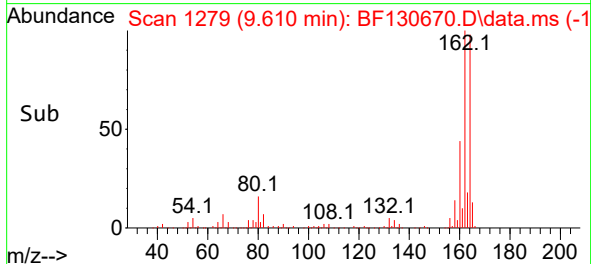
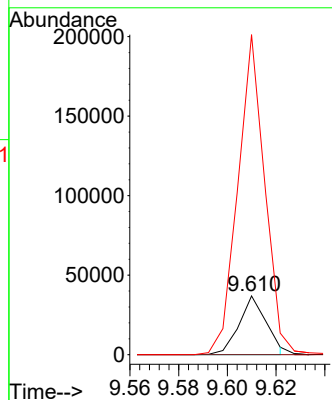
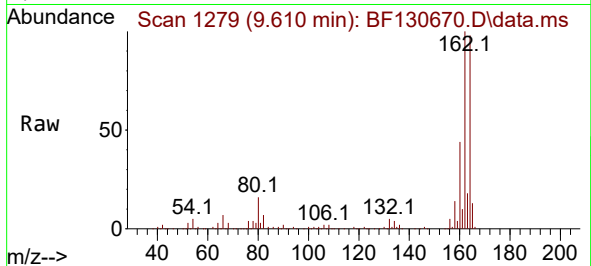




#50
Dimethylphthalate
Concen: 2.672 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.253 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

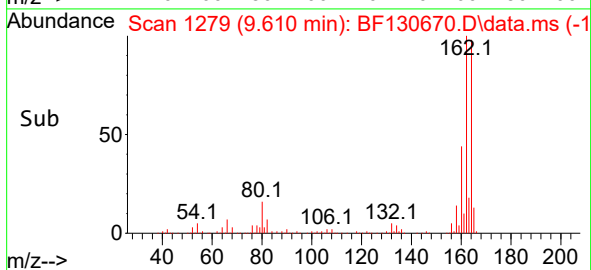
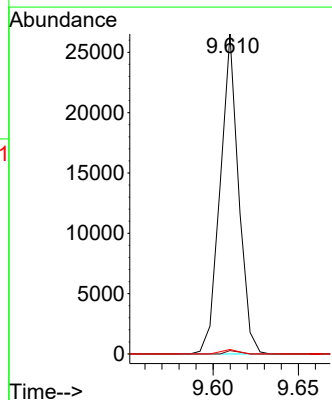
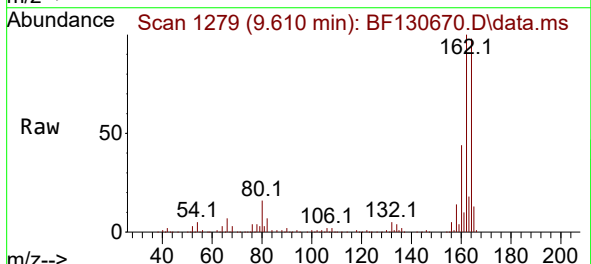
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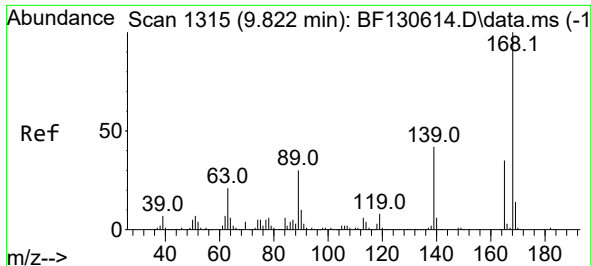
Tgt Ion:163 Resp: 28824
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 545.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion:165 Resp: 19937
Ion Ratio Lower Upper
165 100
63 1.1 45.3 67.9#
89 1.4 45.6 68.4#

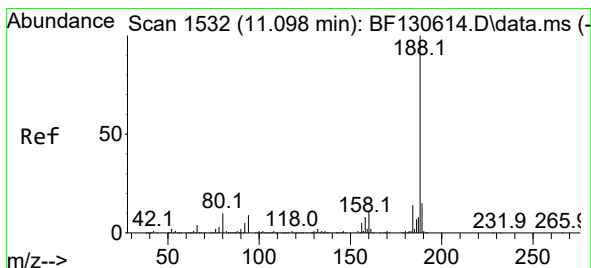
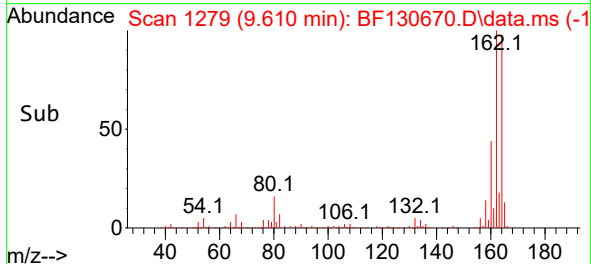
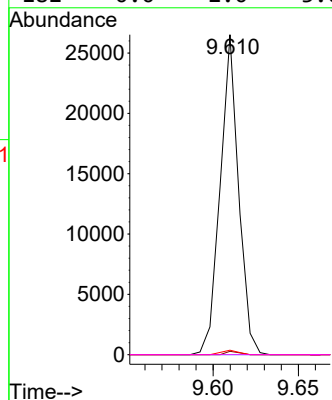
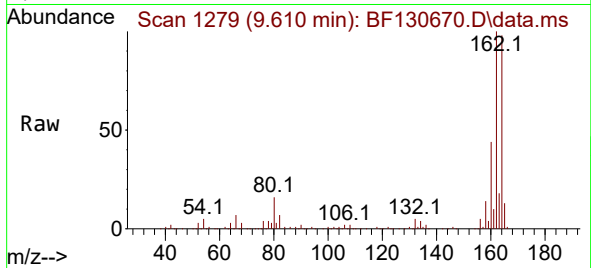




#57
2,4-Dinitrotoluene
Concen: 6.555 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

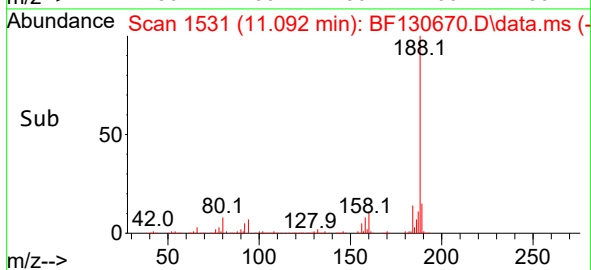
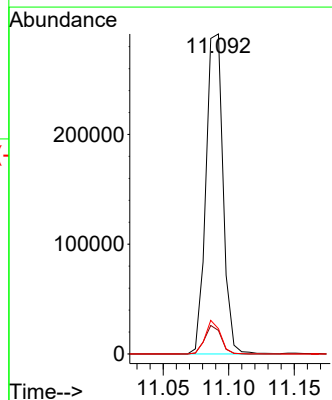
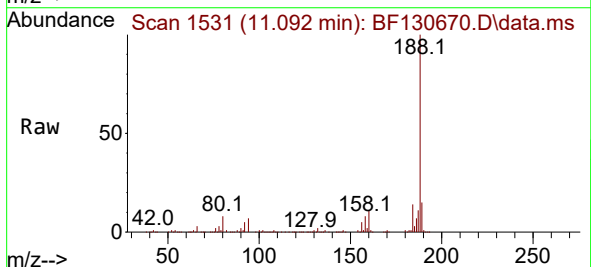
Instrument :
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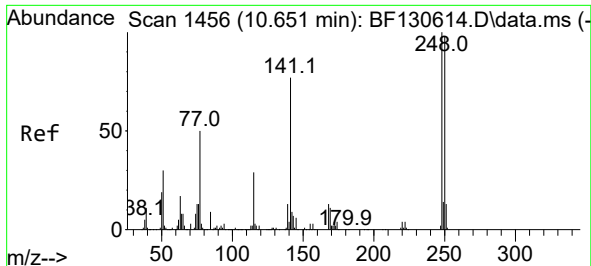
Tgt Ion:165 Resp: 19937
Ion Ratio Lower Upper
165 100
63 1.1 50.6 76.0#
89 1.4 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion:188 Resp: 265741
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 7.9 8.0 12.0#

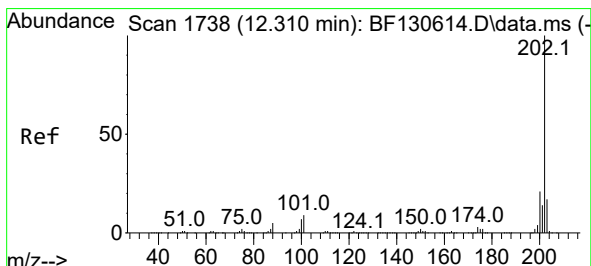
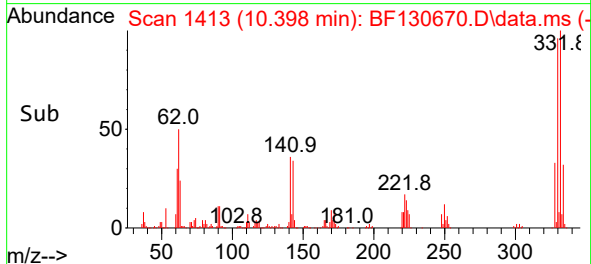
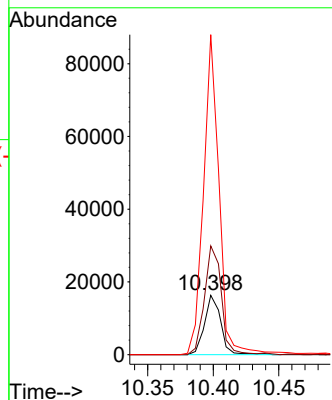
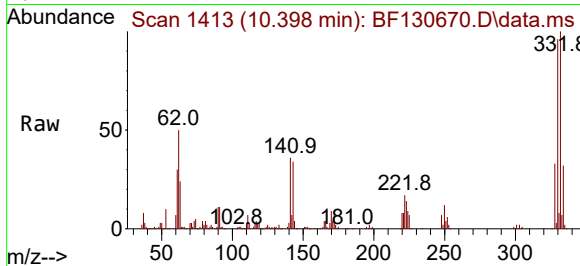




#67
4-Bromophenyl-phenylether
Concen: 4.689 ng
RT: 10.398 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

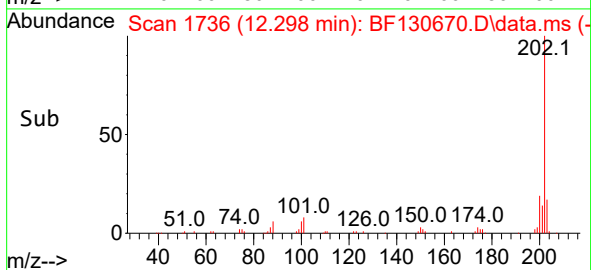
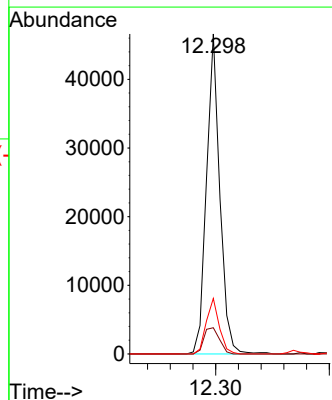
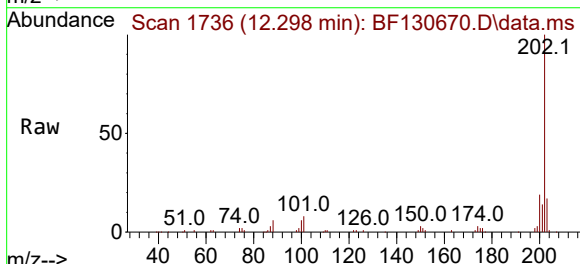
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

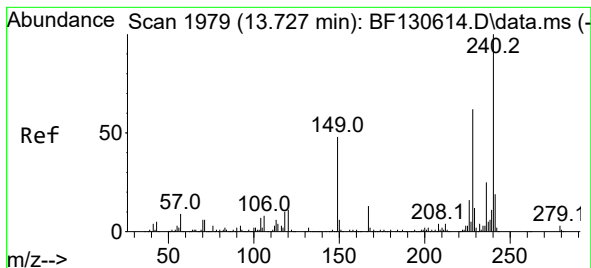
Tgt Ion:248 Resp: 14098
Ion Ratio Lower Upper
248 100
250 183.3 78.7 118.1#
141 539.0 61.6 92.4#



#75
Fluoranthene
Concen: 2.679 ng
RT: 12.298 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion:202 Resp: 37914
Ion Ratio Lower Upper
202 100
101 8.2 0.0 29.1
203 17.3 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.721 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BF130670.D

Acq: 14 Oct 2022 17:38

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

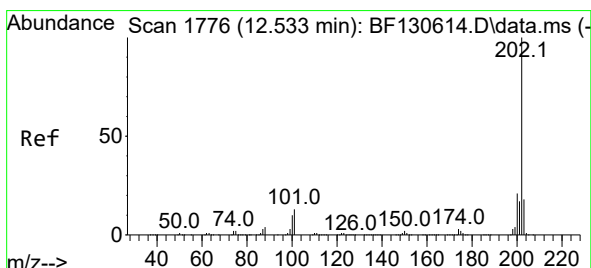
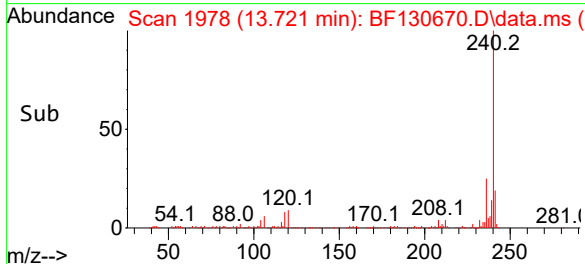
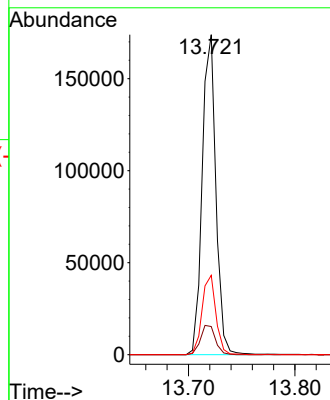
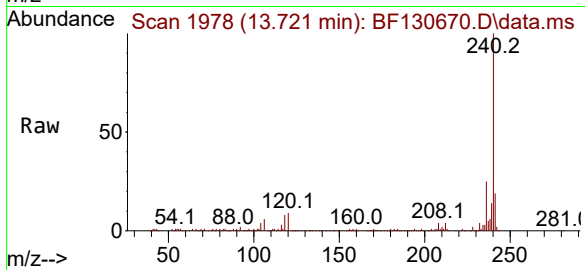
Tgt Ion:240 Resp: 155552

Ion Ratio Lower Upper

240 100

120 8.8 8.6 13.0

236 24.8 20.2 30.4



#78

Pyrene

Concen: 2.407 ng

RT: 12.521 min Scan# 1774

Delta R.T. -0.012 min

Lab File: BF130670.D

Acq: 14 Oct 2022 17:38

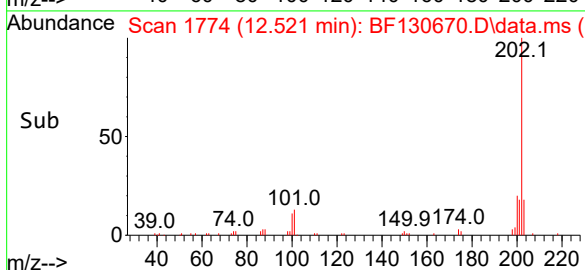
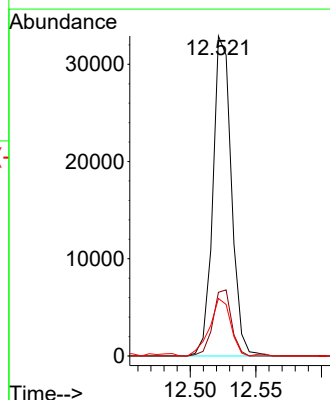
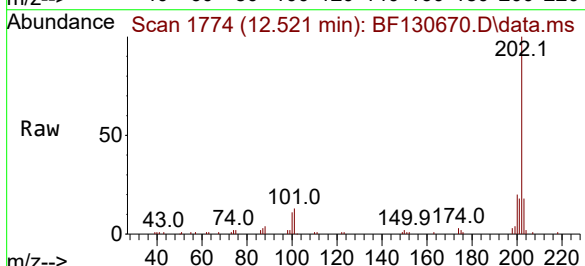
Tgt Ion:202 Resp: 32307

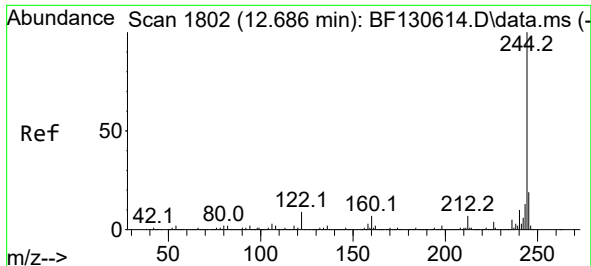
Ion Ratio Lower Upper

202 100

200 19.9 16.7 25.1

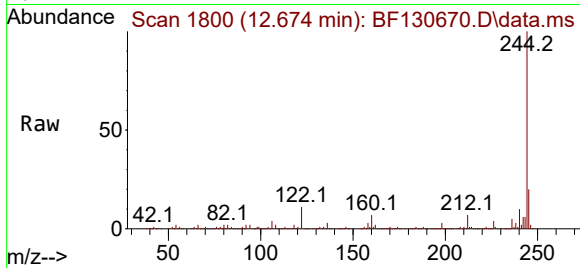
203 18.0 14.0 21.0



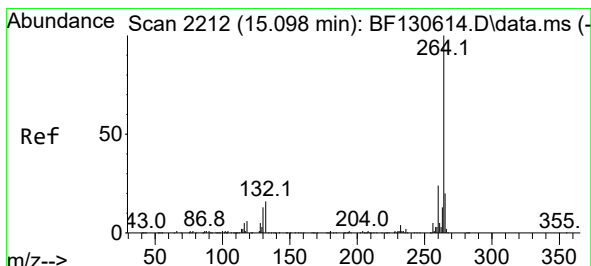
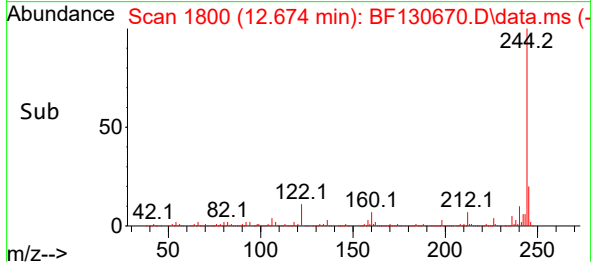
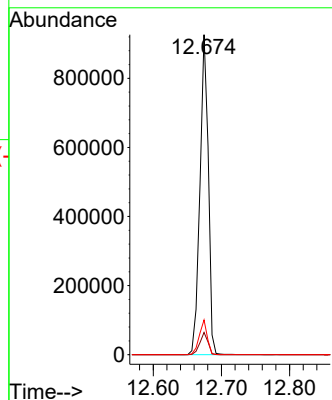


#79
 Terphenyl-d14
 Concen: 84.191 ng
 RT: 12.674 min Scan# 1800
 Delta R.T. -0.012 min
 Lab File: BF130670.D
 Acq: 14 Oct 2022 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

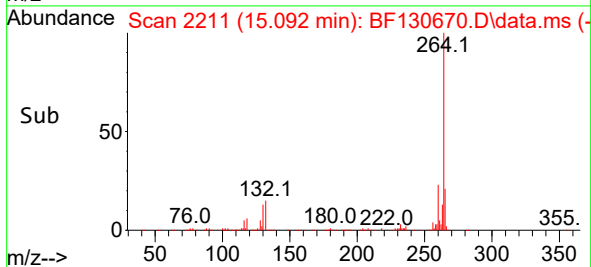
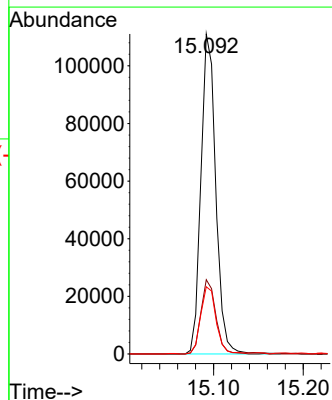
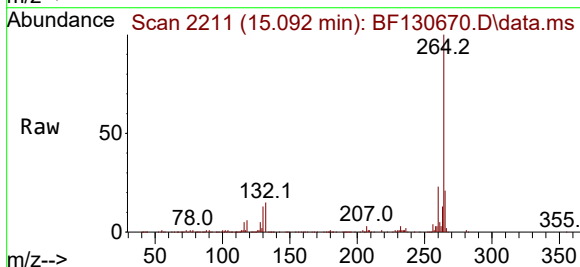


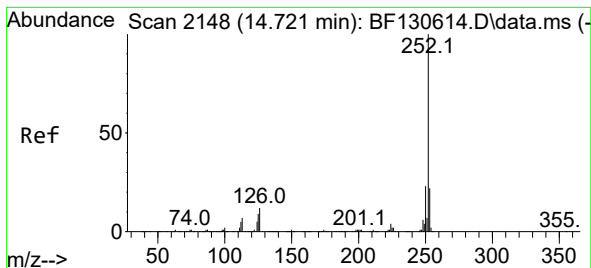
Tgt Ion:244 Resp: 789049
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 2211
 Delta R.T. -0.006 min
 Lab File: BF130670.D
 Acq: 14 Oct 2022 17:38

Tgt Ion:264 Resp: 127522
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.0 16.4 24.6





#88

Benzo(b)fluoranthene

Concen: 2.489 ng

RT: 14.721 min Scan# 2148

Delta R.T. 0.000 min

Lab File: BF130670.D

Acq: 14 Oct 2022 17:38

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

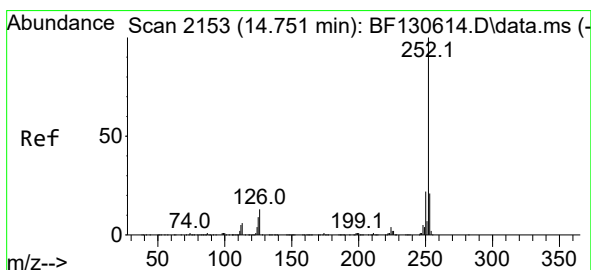
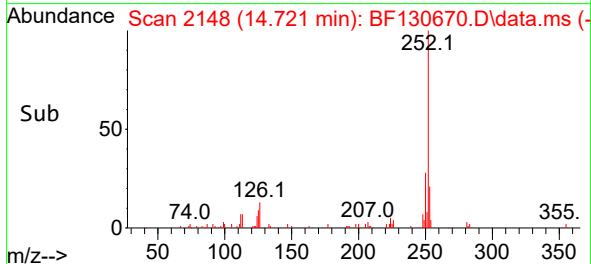
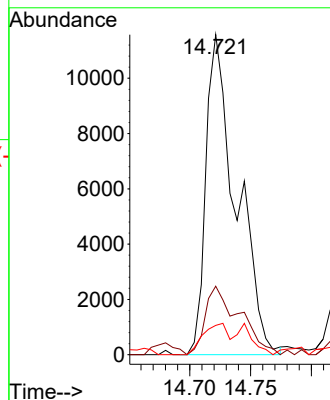
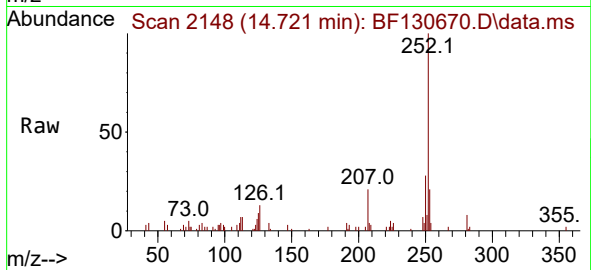
Tgt Ion:252 Resp: 20098

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.2 7.4 11.0



#89

Benzo(k)fluoranthene

Concen: 2.444 ng

RT: 14.721 min Scan# 2148

Delta R.T. -0.029 min

Lab File: BF130670.D

Acq: 14 Oct 2022 17:38

Tgt Ion:252 Resp: 20098

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

125 9.2 7.2 10.8

