

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130663.D
 Acq On : 14 Oct 2022 12:35
 Operator : CG\JU
 Sample : PB148312BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148312BL

Quant Time: Oct 17 02:19:31 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)

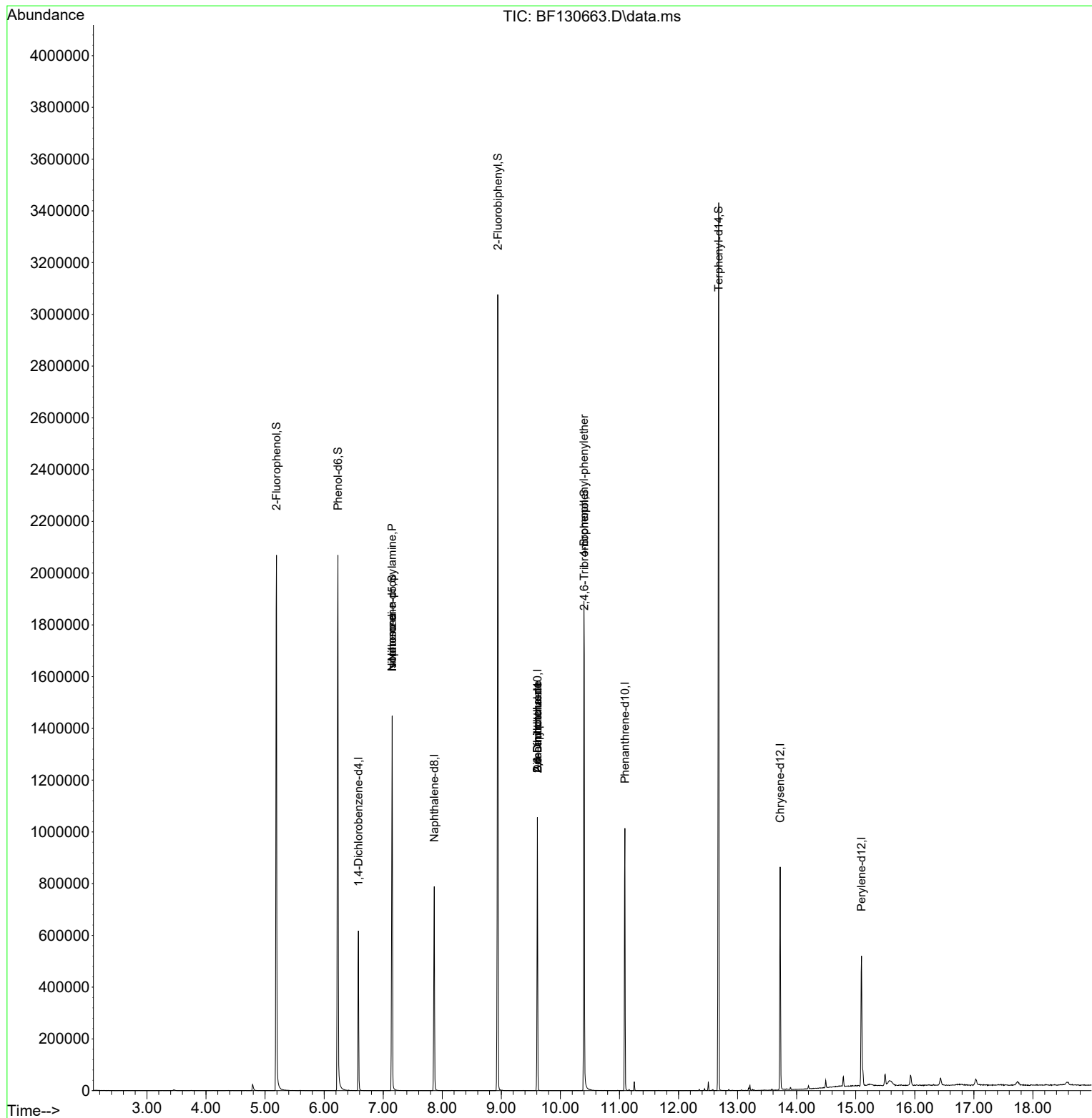
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	87535	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	353350	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	192253	20.000	ng	-0.01
64) Phenanthrene-d10	11.092	188	349072	20.000	ng	0.00
76) Chrysene-d12	13.721	240	266203	20.000	ng	0.00
86) Perylene-d12	15.098	264	209674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	623967	128.489	ng	0.00
7) Phenol-d6	6.234	99	765350	125.353	ng	0.00
23) Nitrobenzene-d5	7.151	82	489721	75.659	ng	-0.01
42) 2,4,6-Tribromophenol	10.404	330	250195	132.999	ng	0.00
45) 2-Fluorobiphenyl	8.939	172	1000038	78.792	ng	-0.01
79) Terphenyl-d14	12.680	244	1175218	73.273	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.151	70	65397	16.602	ng	# 78
25) Isophorone	7.151	82	489717	45.459	ng	# 64
50) Dimethylphthalate	9.610	163	36255	2.724	ng	# 1
51) 2,6-Dinitrotoluene	9.610	165	25352	8.684	ng	# 25
57) 2,4-Dinitrotoluene	9.610	165	25352	6.757	ng	# 15
67) 4-Bromophenyl-phenylether	10.398	248	14953	3.786	ng	# 1

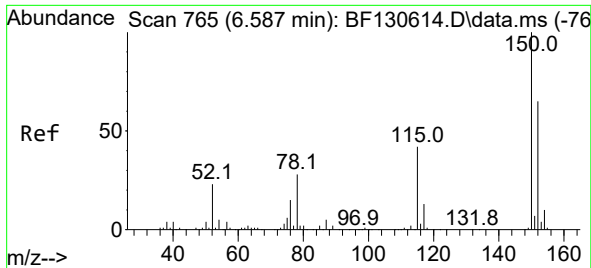
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

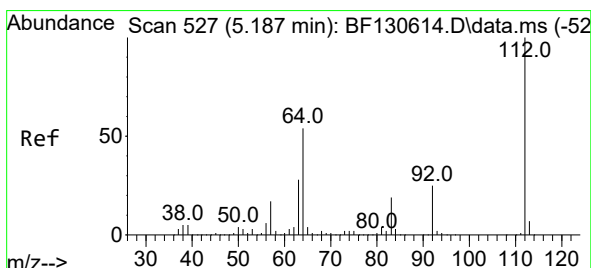
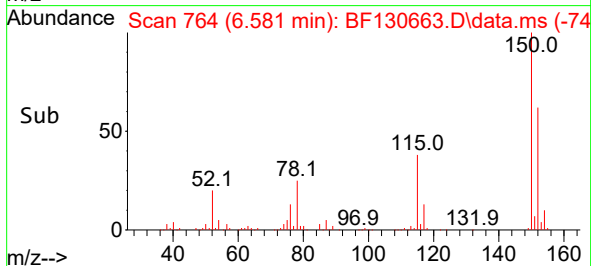
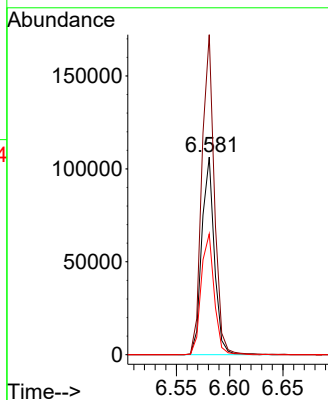
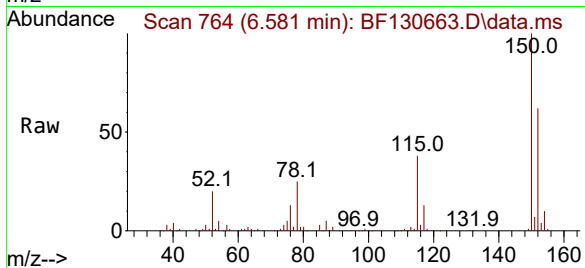




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

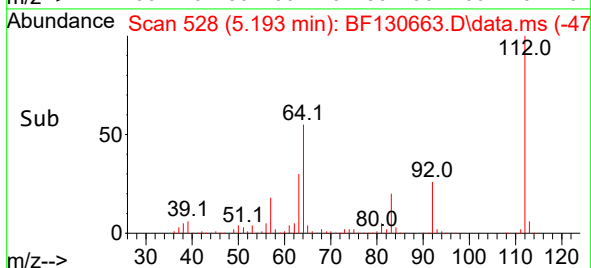
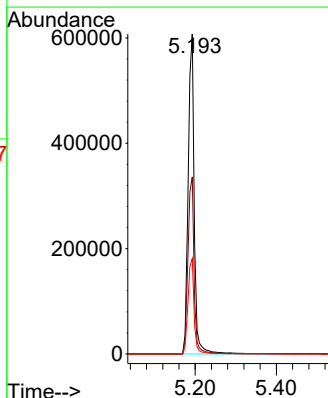
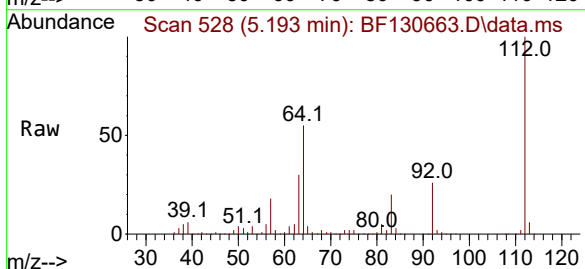
Instrument :
BNA_F
ClientSampleId :
PB148312BL

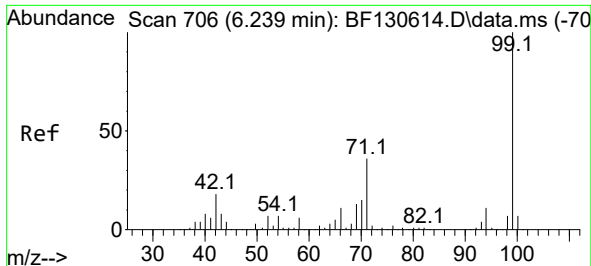
Tgt Ion:152 Resp: 87535
Ion Ratio Lower Upper
152 100
150 162.0 123.8 185.6
115 61.2 52.2 78.4



#5
2-Fluorophenol
Concen: 128.489 ng
RT: 5.193 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

Tgt Ion:112 Resp: 623967
Ion Ratio Lower Upper
112 100
64 55.4 43.5 65.3
63 29.8 22.6 34.0

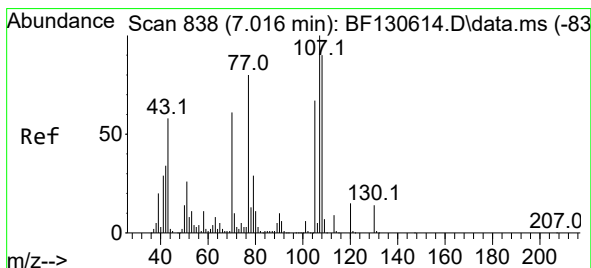
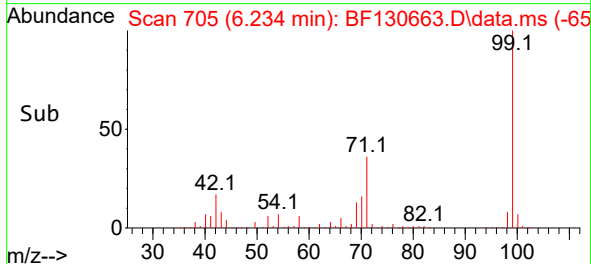
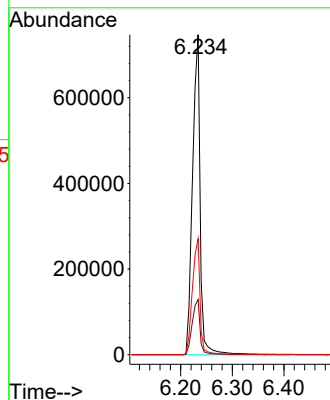
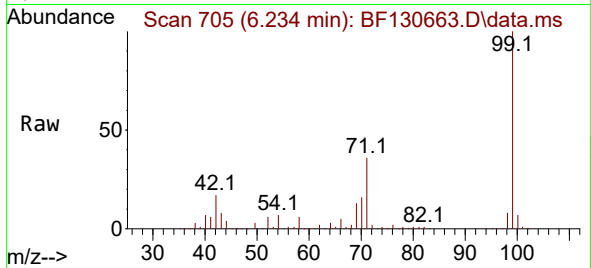




#7
Phenol-d6
Concen: 125.353 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

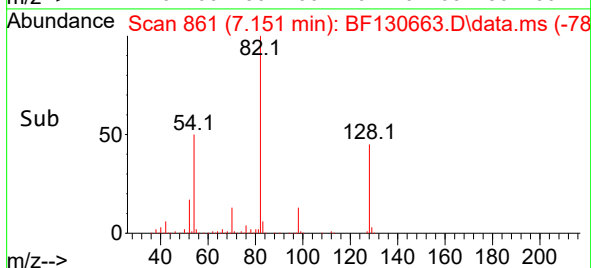
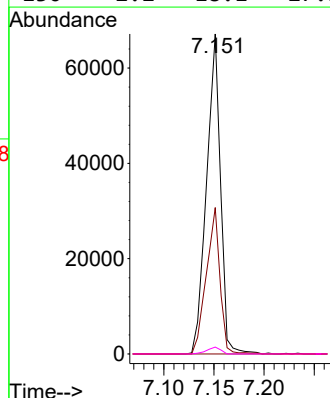
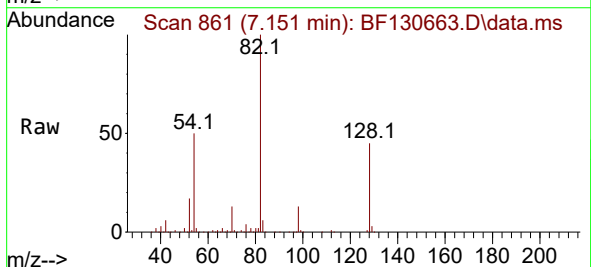
Instrument :
BNA_F
ClientSampleId :
PB148312BL

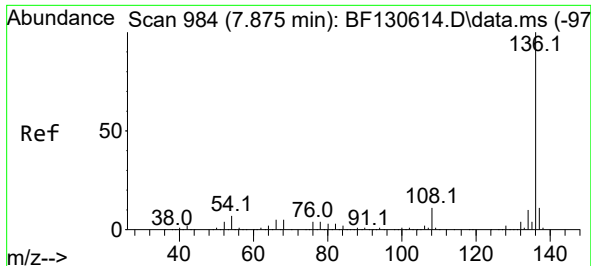
Tgt Ion: 99 Resp: 765350
Ion Ratio Lower Upper
99 100
42 17.2 14.0 21.0
71 36.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.602 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

Tgt Ion: 70 Resp: 65397
Ion Ratio Lower Upper
70 100
42 45.7 44.3 66.5
101 0.0 7.9 11.9#
130 2.2 18.1 27.1#

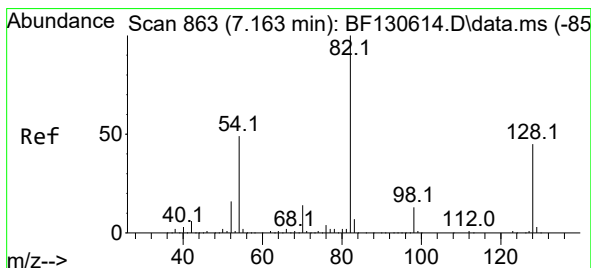
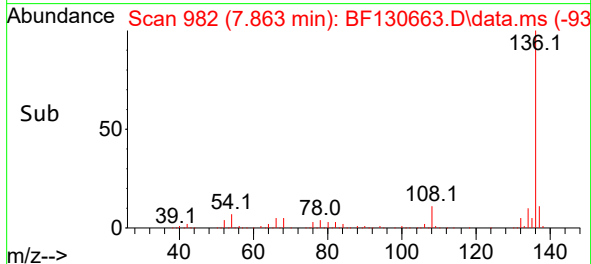
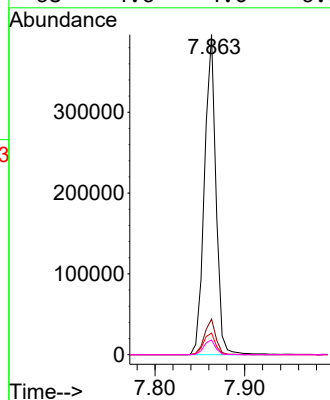
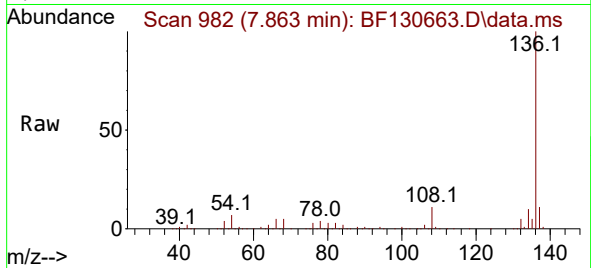




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

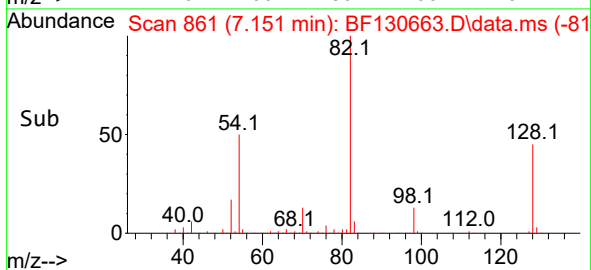
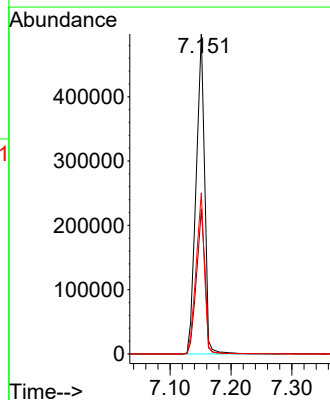
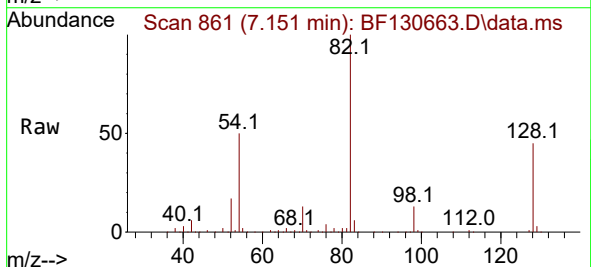
Instrument :
BNA_F
ClientSampleId :
PB148312BL

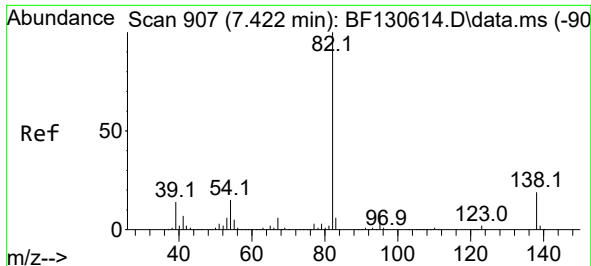
Tgt Ion:136 Resp: 353350
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.8 5.5 8.3
68 4.6 4.0 6.0



#23
Nitrobenzene-d5
Concen: 75.659 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

Tgt Ion: 82 Resp: 489721
Ion Ratio Lower Upper
82 100
128 45.4 35.8 53.6
54 50.3 39.3 58.9

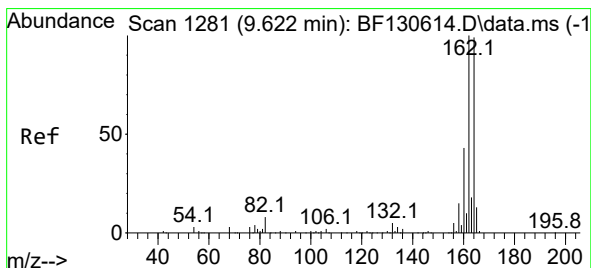
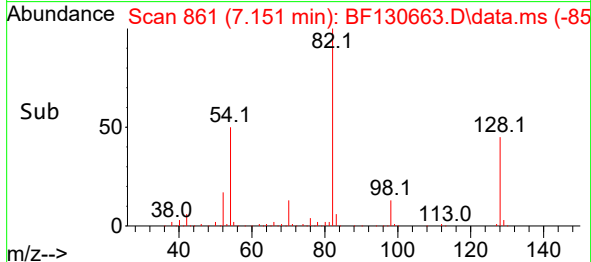
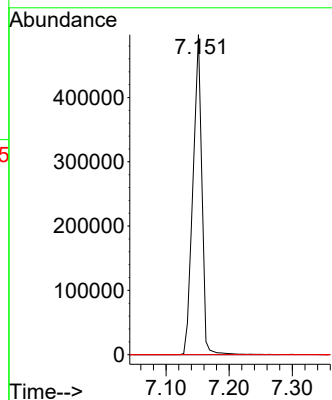
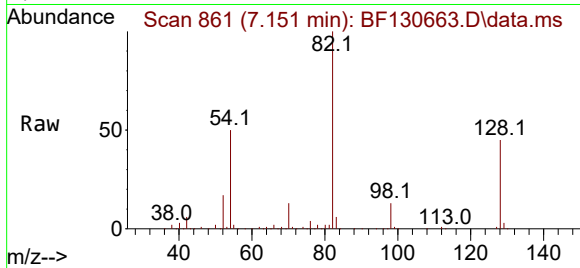




#25
Isophorone
Concen: 45.459 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

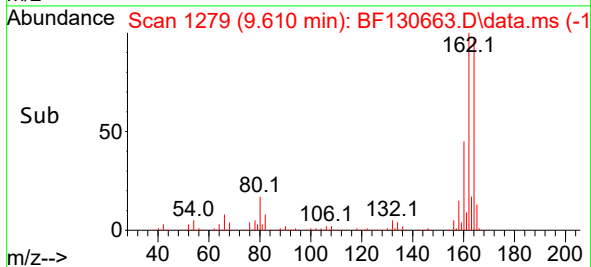
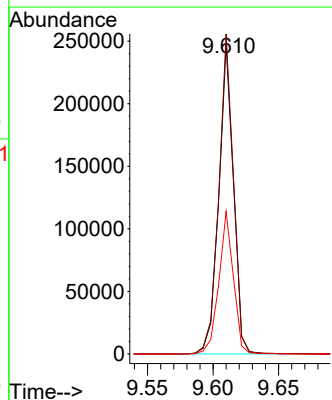
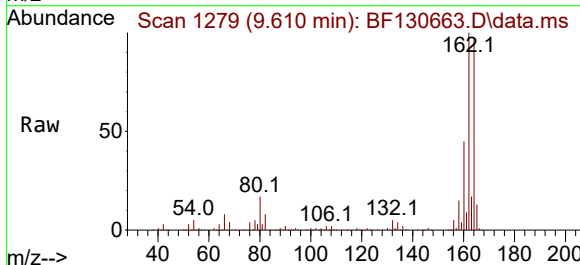
Instrument :
BNA_F
ClientSampleId :
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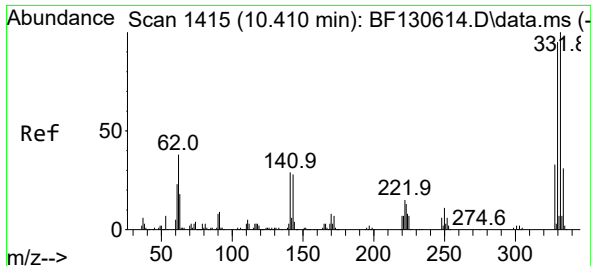
Tgt Ion: 82 Resp: 489717
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

Tgt Ion:164 Resp: 192253
Ion Ratio Lower Upper
164 100
162 103.5 81.0 121.4
160 46.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 132.999 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130663.D

Acq: 14 Oct 2022 12:35

Instrument :

BNA_F

ClientSampleId :

PB148312BL

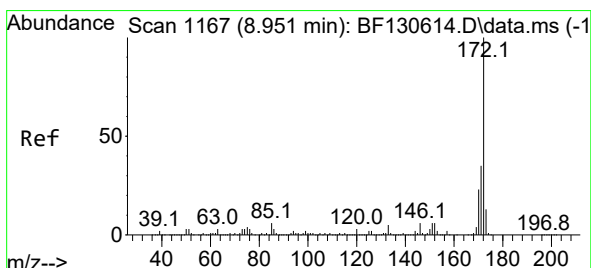
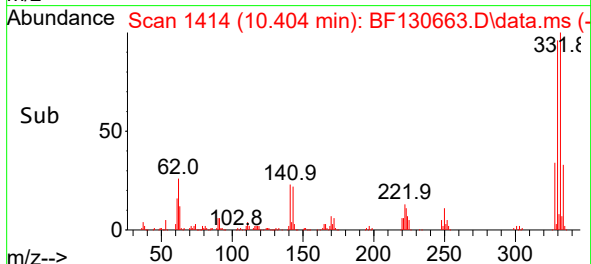
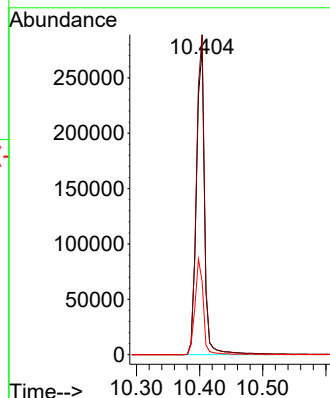
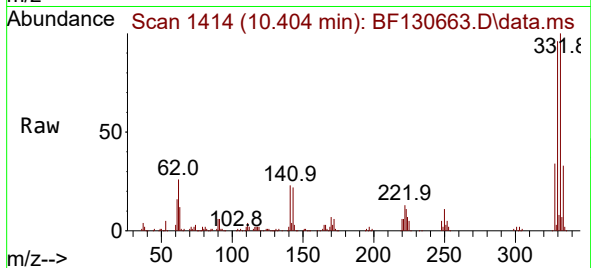
Tgt Ion:330 Resp: 250195

Ion Ratio Lower Upper

330 100

332 104.1 84.2 126.4

141 31.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 78.792 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130663.D

Acq: 14 Oct 2022 12:35

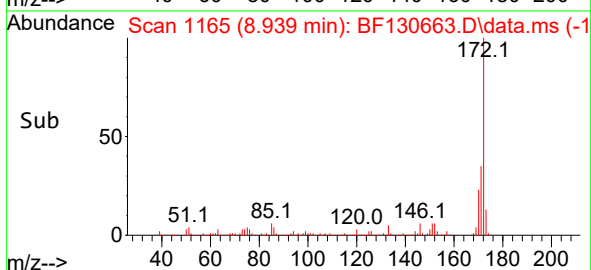
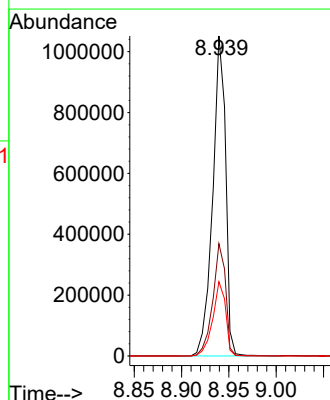
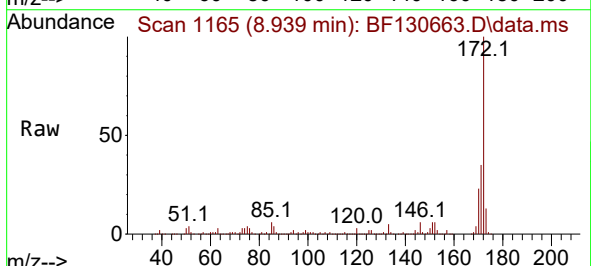
Tgt Ion:172 Resp: 1000038

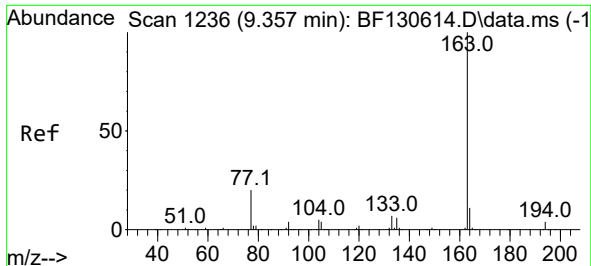
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.2 18.6 27.8

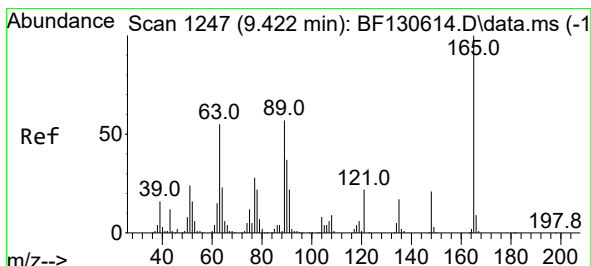
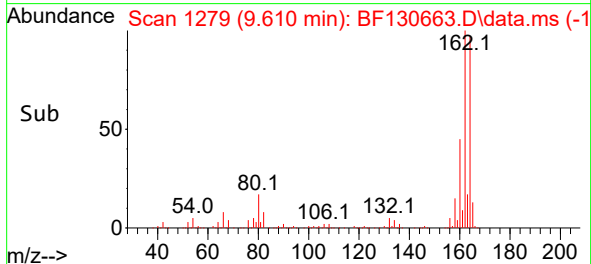
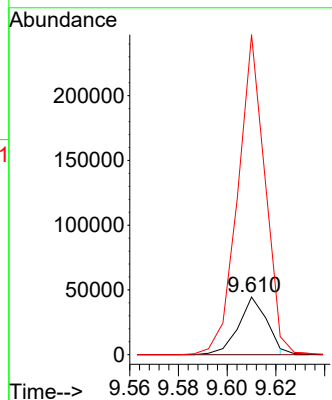
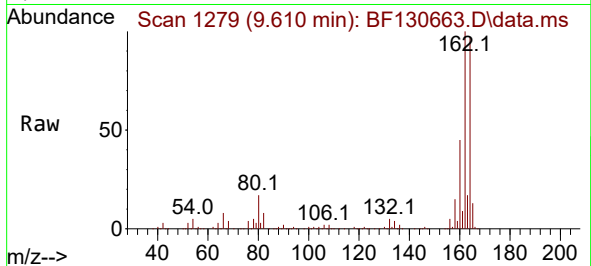




#50
Dimethylphthalate
Concen: 2.724 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.253 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

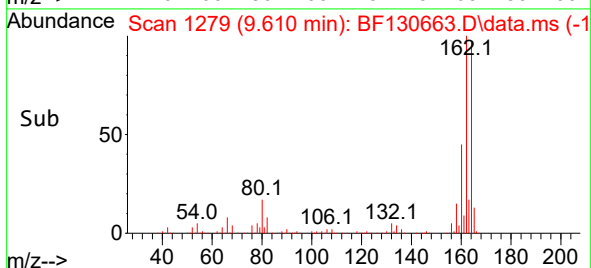
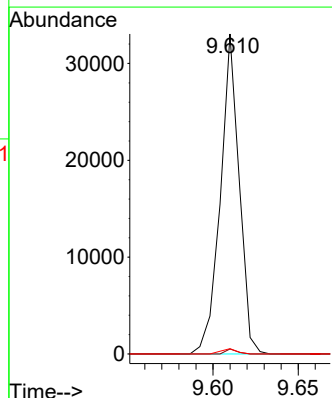
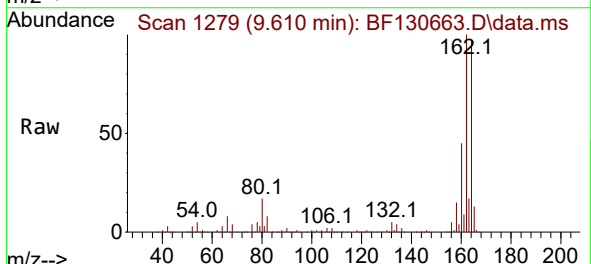
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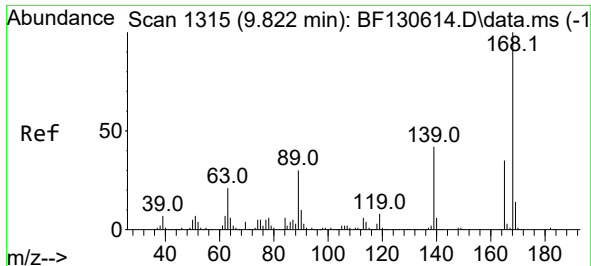
Tgt Ion:163 Resp: 36255
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 555.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

Tgt Ion:165 Resp: 25352
Ion Ratio Lower Upper
165 100
63 1.5 45.3 67.9#
89 1.7 45.6 68.4#

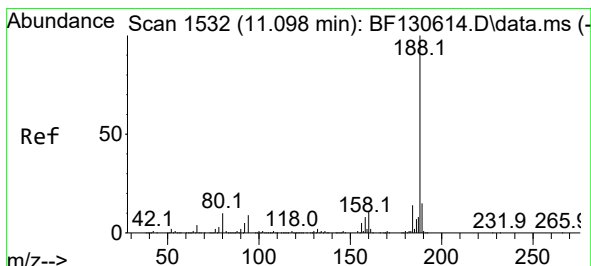
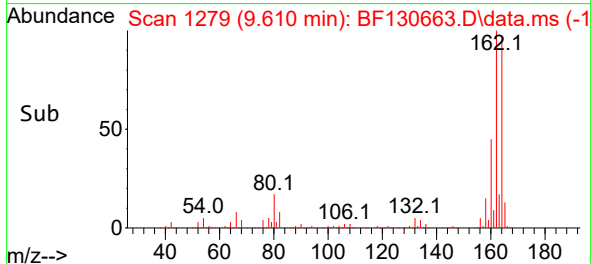
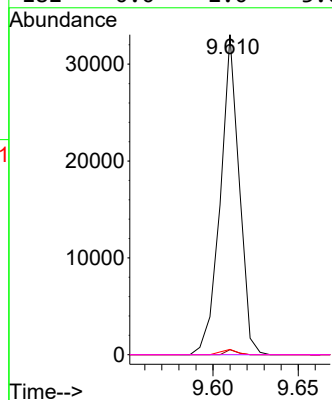
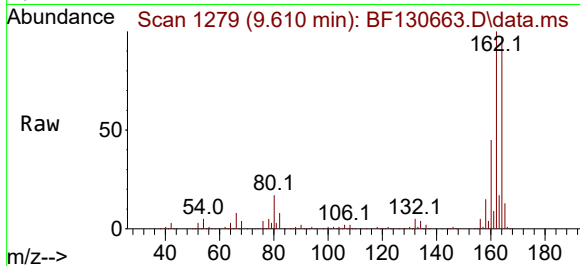




#57
2,4-Dinitrotoluene
Concen: 6.757 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

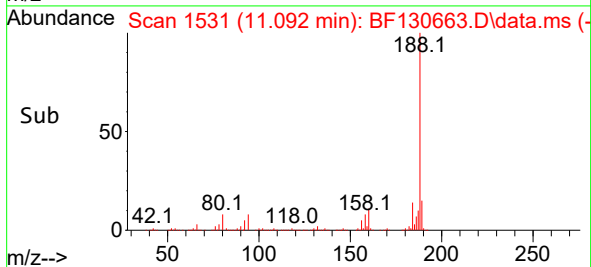
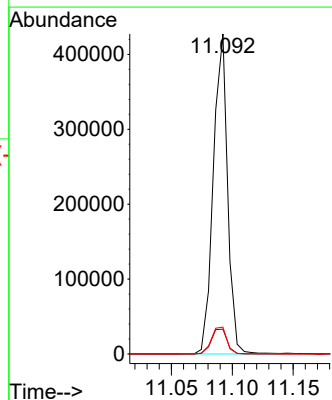
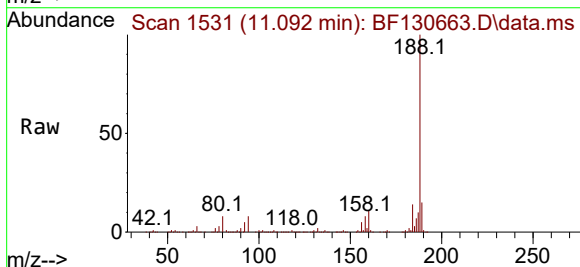
Instrument :
BNA_F
ClientSampleId :
PB148312BL

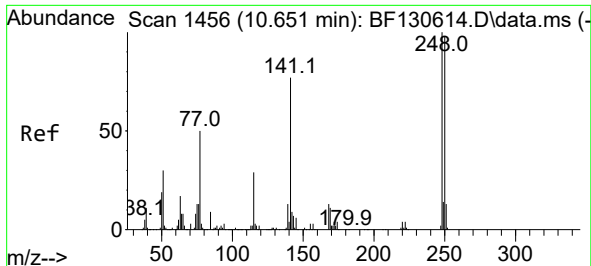
Tgt Ion:165 Resp: 25352
Ion Ratio Lower Upper
165 100
63 1.5 50.6 76.0#
89 1.7 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

Tgt Ion:188 Resp: 349072
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.4 8.0 12.0

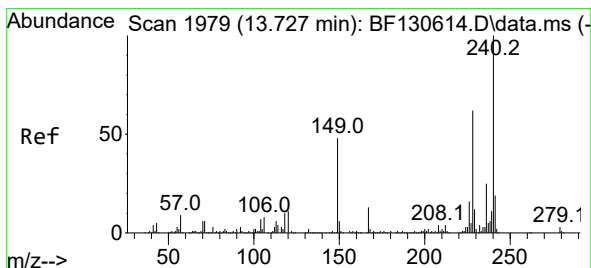
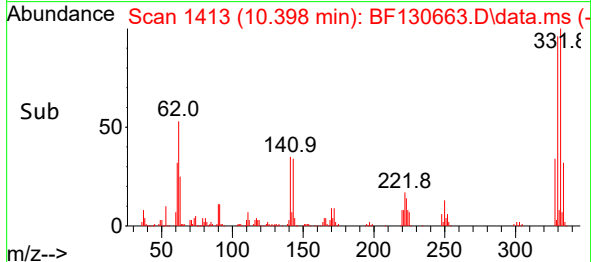
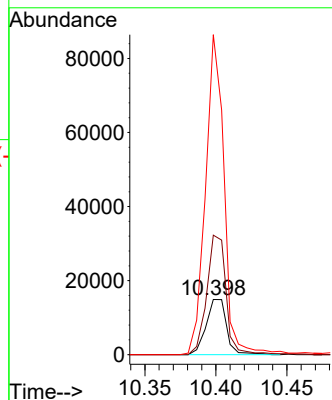
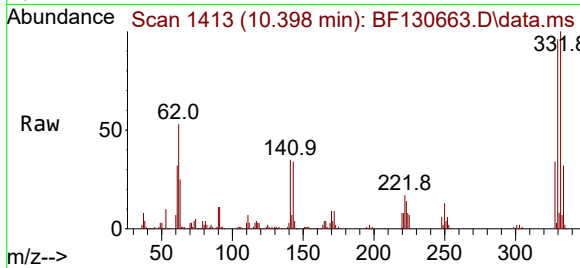




#67
4-Bromophenyl-phenylether
Concen: 3.786 ng
RT: 10.398 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

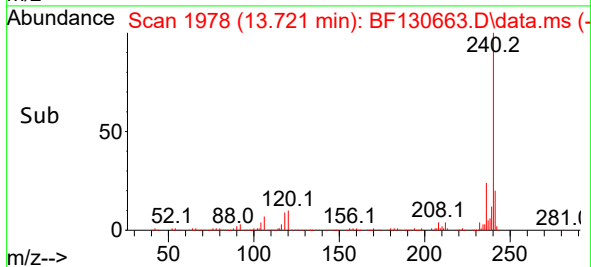
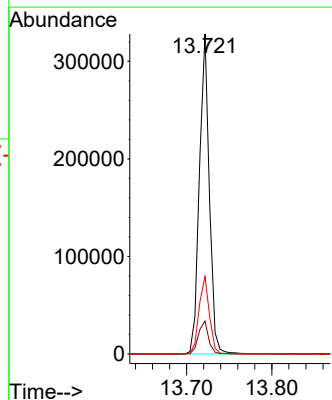
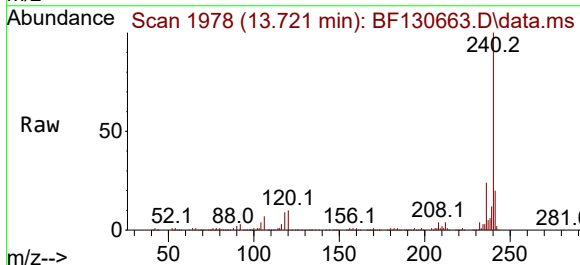
Instrument :
BNA_F
ClientSampleId :
PB148312BL

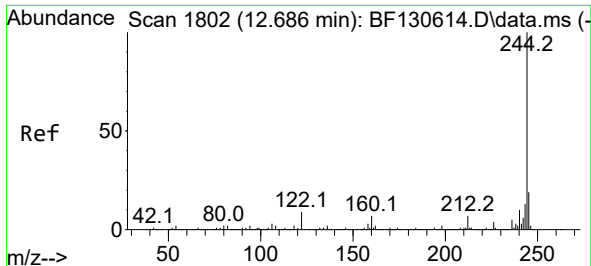
Tgt Ion:248 Resp: 14953
Ion Ratio Lower Upper
248 100
250 216.5 78.7 118.1#
141 579.9 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130663.D
Acq: 14 Oct 2022 12:35

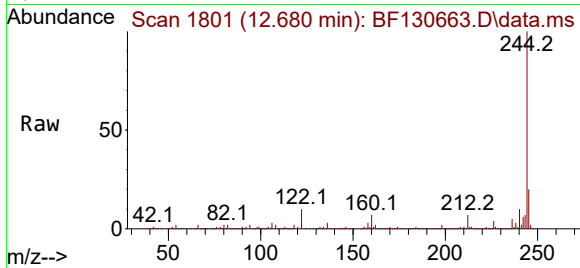
Tgt Ion:240 Resp: 266203
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 24.2 20.2 30.4



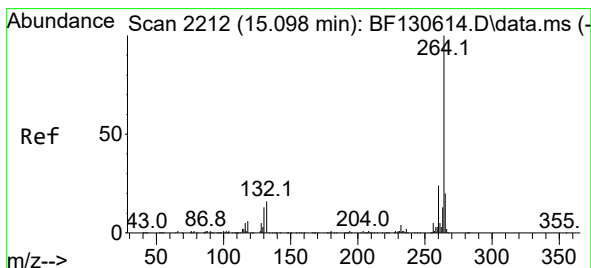
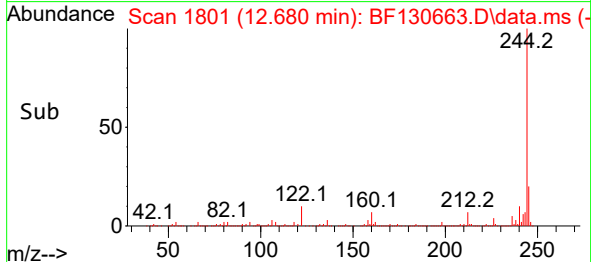
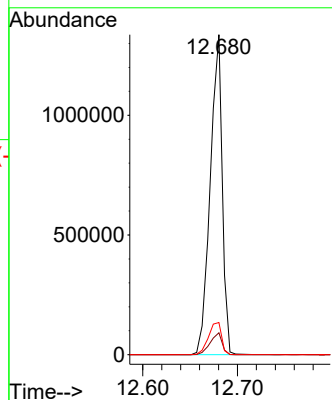


#79
 Terphenyl-d14
 Concen: 73.273 ng
 RT: 12.680 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: BF130663.D
 Acq: 14 Oct 2022 12:35

Instrument :
 BNA_F
 ClientSampleId :
 PB148312BL



Tgt Ion:244 Resp: 1175218
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.1 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: BF130663.D
 Acq: 14 Oct 2022 12:35

Tgt Ion:264 Resp: 209674
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.5 16.4 24.6

