

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130710.D
 Acq On : 19 Oct 2022 14:42
 Operator : CG\JU
 Sample : PB148322TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148322TB

Quant Time: Oct 19 15:49:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

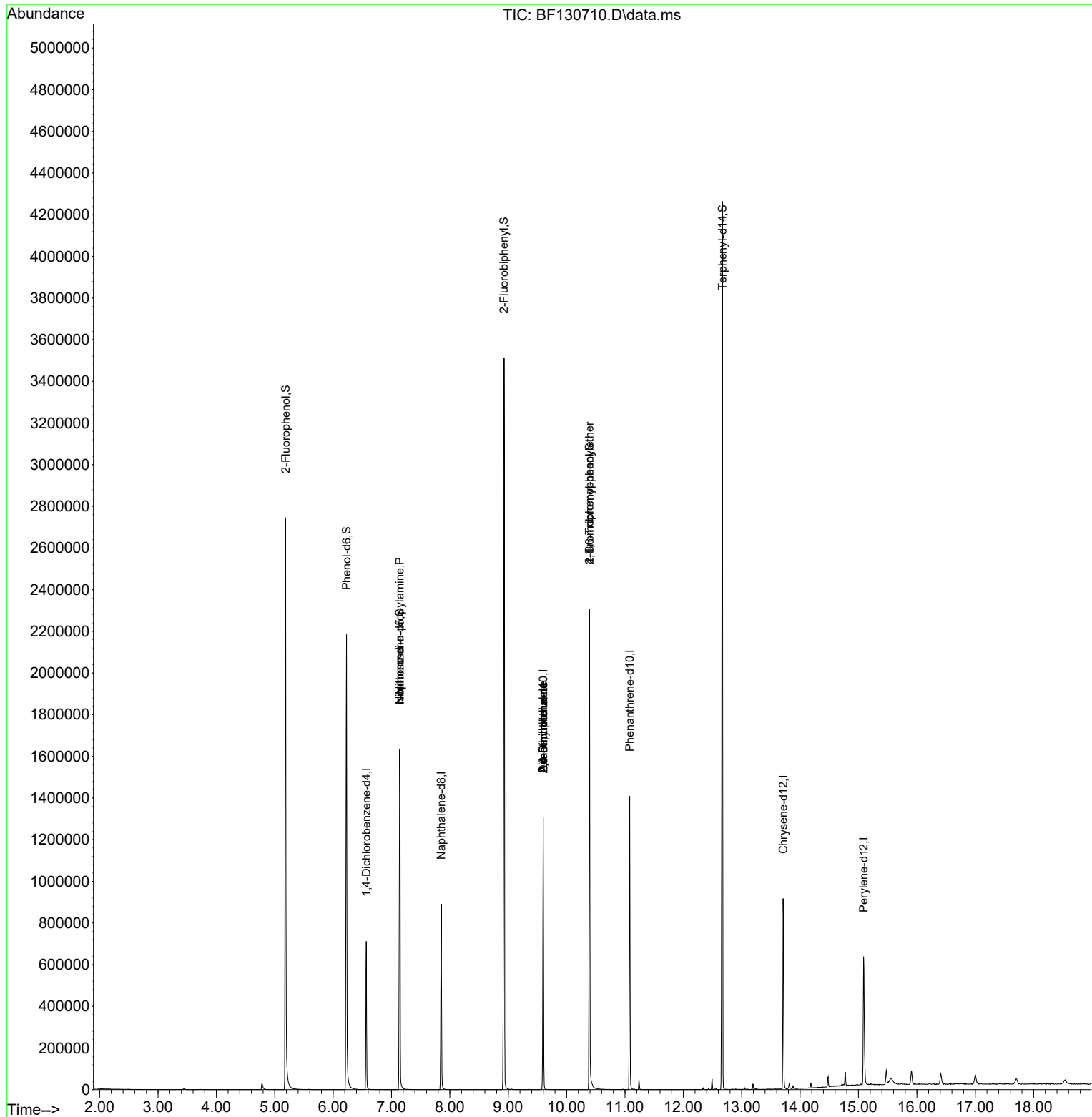
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	105917	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	425750	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	265173	20.000	ng	-0.01
64) Phenanthrene-d10	11.080	188	468856	20.000	ng	0.00
76) Chrysene-d12	13.710	240	317381	20.000	ng	-0.01
86) Perylene-d12	15.086	264	260920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	843392	143.532	ng	0.02
7) Phenol-d6	6.228	99	861788	116.651	ng	0.00
23) Nitrobenzene-d5	7.140	82	634052	81.300	ng	-0.01
42) 2,4,6-Tribromophenol	10.392	330	285225	109.926	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1243641	71.040	ng	-0.01
79) Terphenyl-d14	12.669	244	1497354	78.303	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.140	70	83186	17.453	ng	# 77
25) Isophorone	7.140	82	634045	48.847	ng	# 64
50) Dimethylphthalate	9.598	163	48808	2.659	ng	# 1
51) 2,6-Dinitrotoluene	9.598	165	33814	8.398	ng	# 24
57) 2,4-Dinitrotoluene	9.598	165	33814	6.534	ng	# 14
67) 4-Bromophenyl-phenylether	10.392	248	16517	3.113	ng	# 1

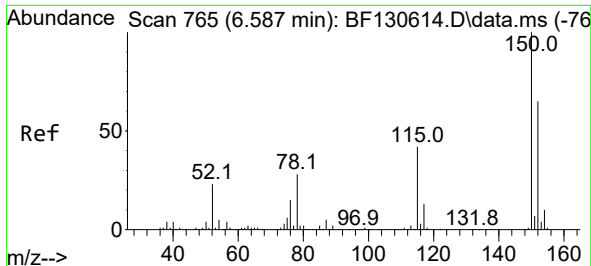
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

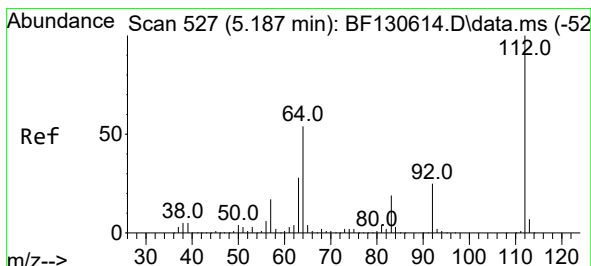
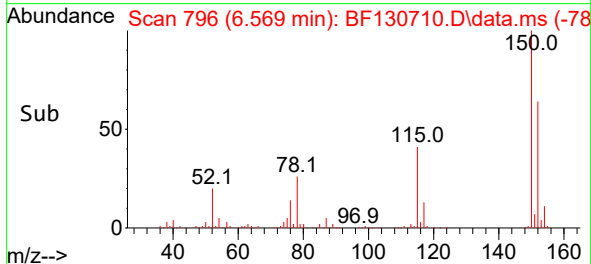
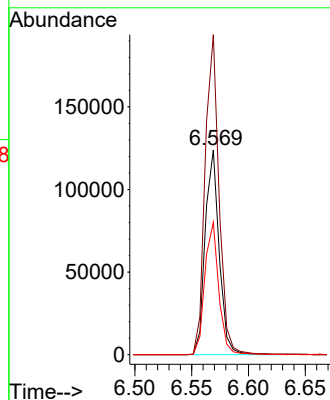
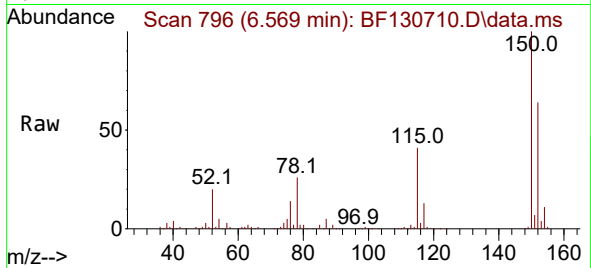




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

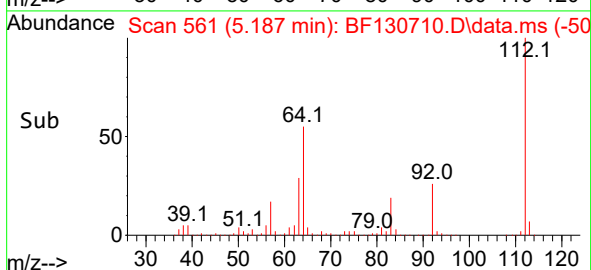
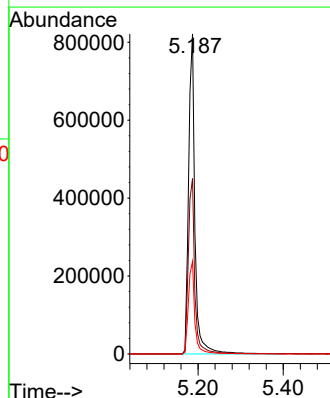
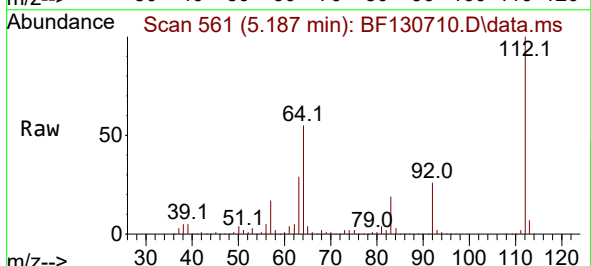
Instrument :
BNA_F
ClientSampleId :
PB148322TB

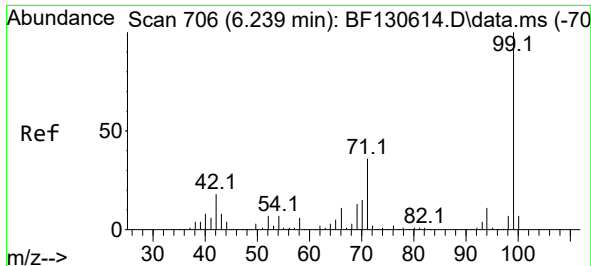
Tgt Ion:152 Resp: 105917
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 64.7 52.2 78.4



#5
2-Fluorophenol
Concen: 143.532 ng
RT: 5.187 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

Tgt Ion:112 Resp: 843392
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 28.9 22.6 34.0

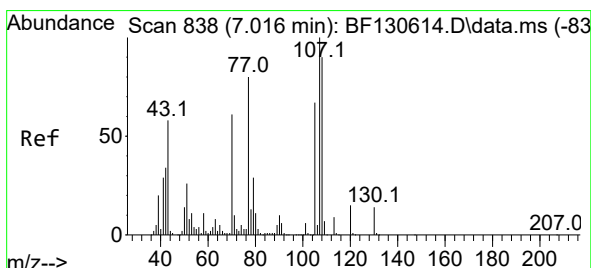
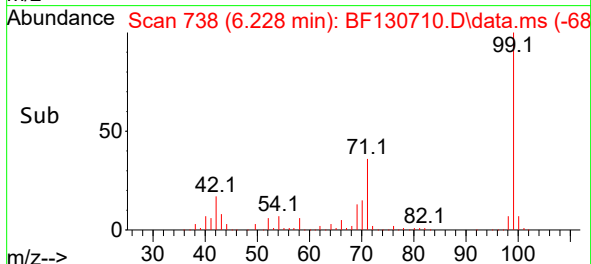
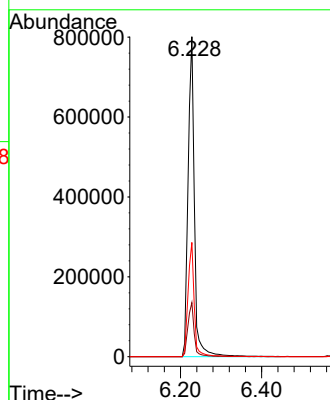
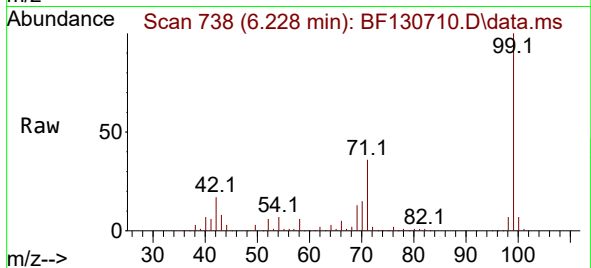




#7
Phenol-d6
Concen: 116.651 ng
RT: 6.228 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

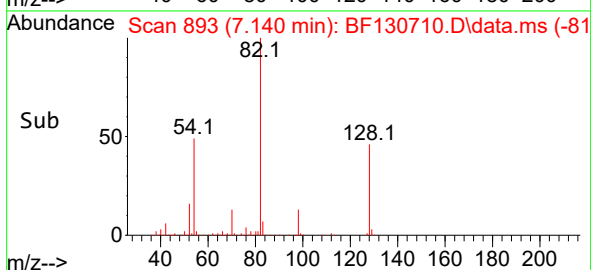
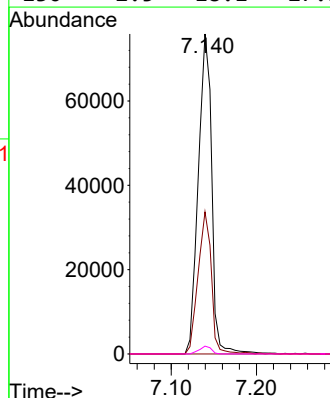
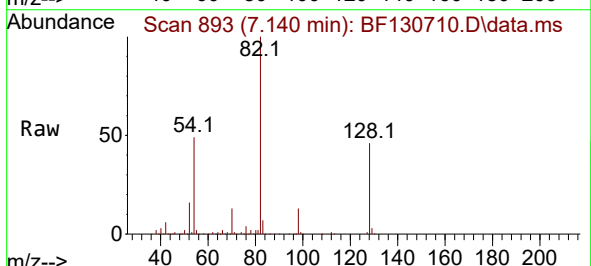
Instrument :
BNA_F
ClientSampleId :
PB148322TB

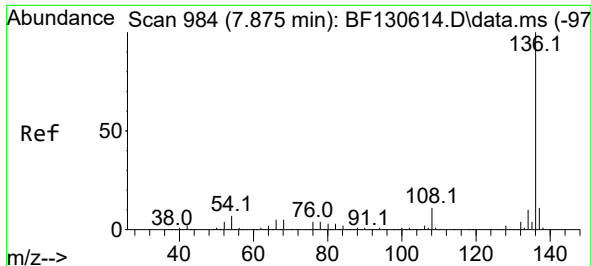
Tgt Ion: 99 Resp: 861788
Ion Ratio Lower Upper
99 100
42 16.9 14.0 21.0
71 35.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.453 ng
RT: 7.140 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

Tgt Ion: 70 Resp: 83186
Ion Ratio Lower Upper
70 100
42 44.4 44.3 66.5
101 0.0 7.9 11.9#
130 2.5 18.1 27.1#

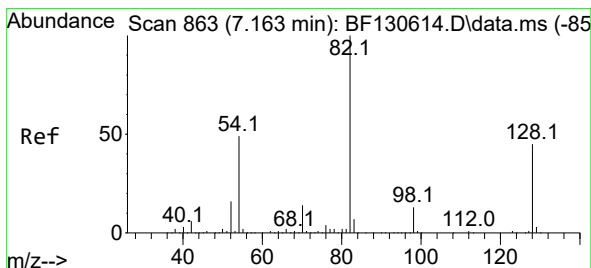
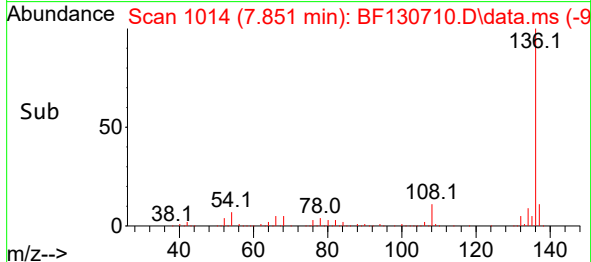
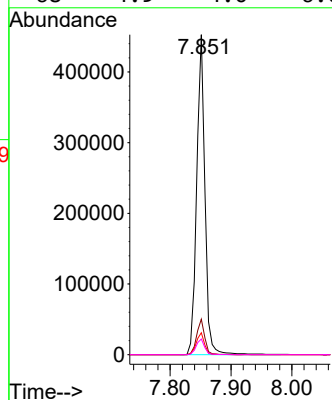
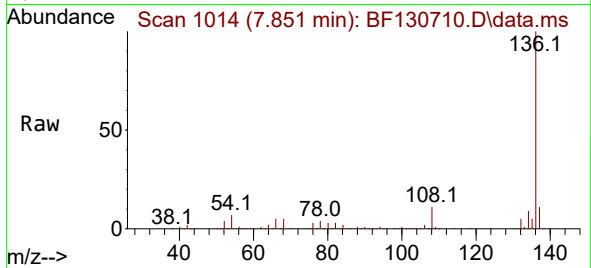




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

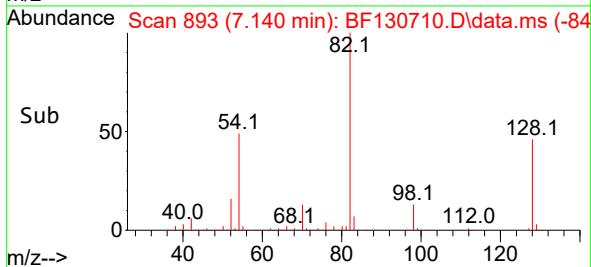
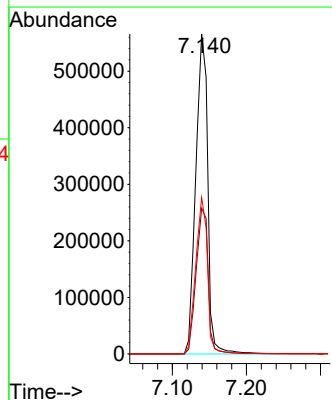
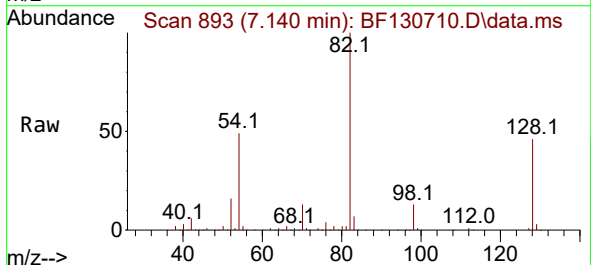
Instrument :
BNA_F
ClientSampleId :
PB148322TB

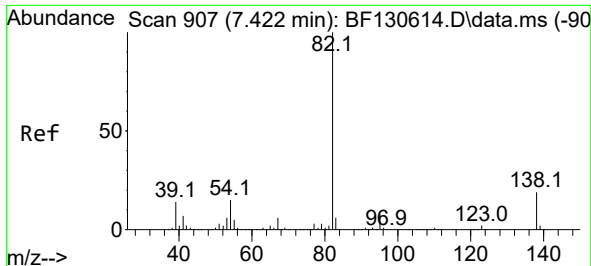
Tgt Ion:136 Resp: 425750
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.9 5.5 8.3
68 4.9 4.0 6.0



#23
Nitrobenzene-d5
Concen: 81.300 ng
RT: 7.140 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

Tgt Ion: 82 Resp: 634052
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 48.9 39.3 58.9

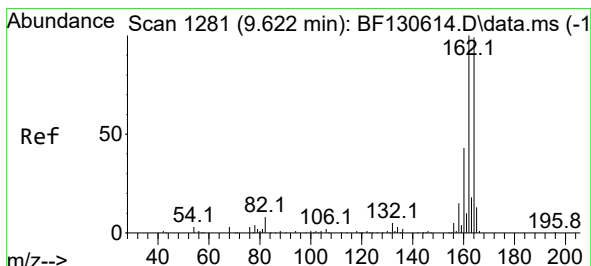
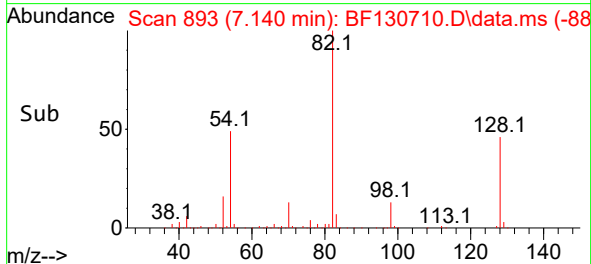
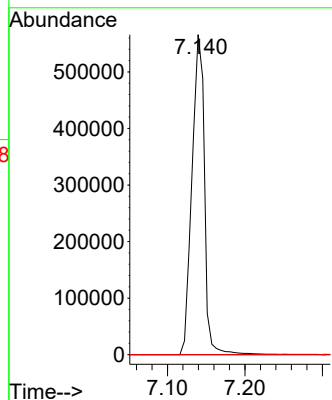
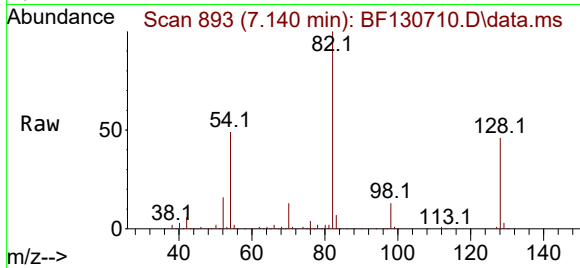




#25
Isophorone
Concen: 48.847 ng
RT: 7.140 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

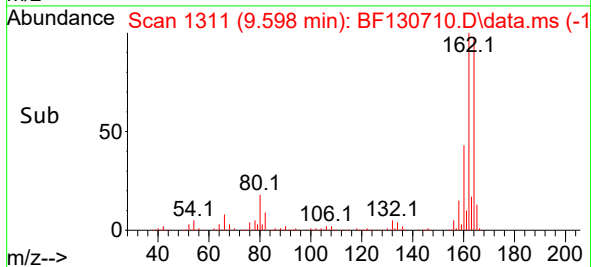
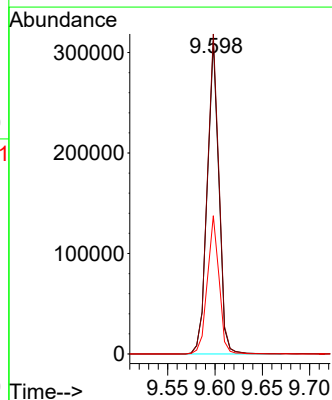
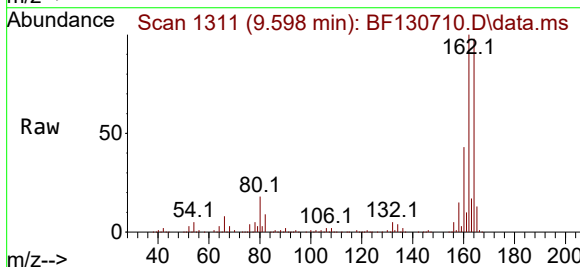
Instrument :
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ClientSampleId :
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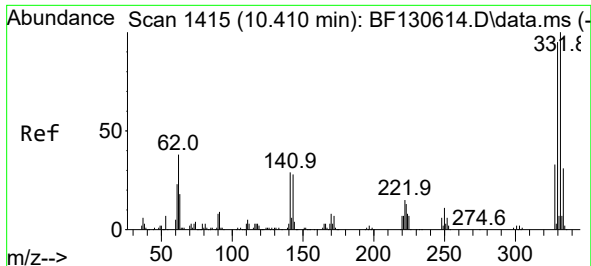
Tgt Ion: 82 Resp: 634045
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

Tgt Ion:164 Resp: 265173
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 44.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 109.926 ng

RT: 10.392 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130710.D

Acq: 19 Oct 2022 14:42

Instrument :

BNA_F

ClientSampleId :

PB148322TB

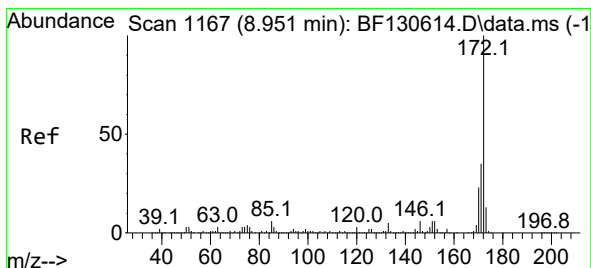
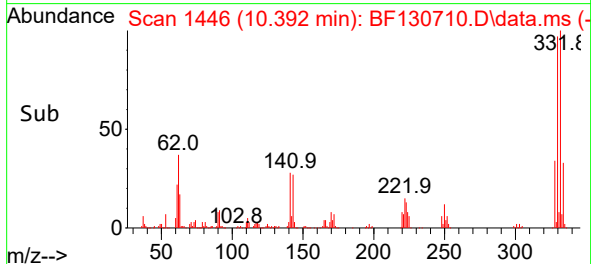
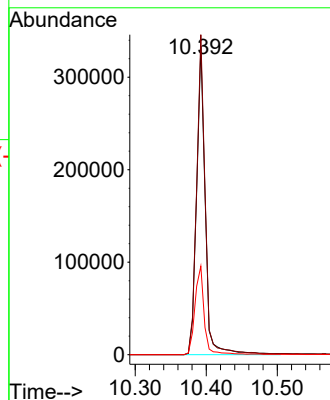
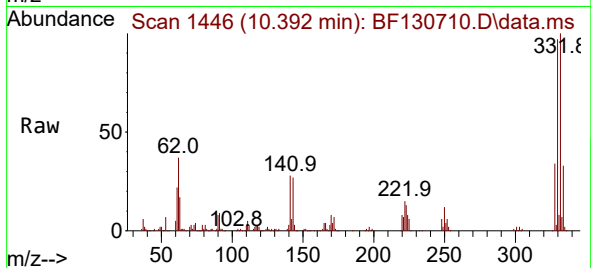
Tgt Ion:330 Resp: 285225

Ion Ratio Lower Upper

330 100

332 103.1 84.2 126.4

141 30.9 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 71.040 ng

RT: 8.928 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF130710.D

Acq: 19 Oct 2022 14:42

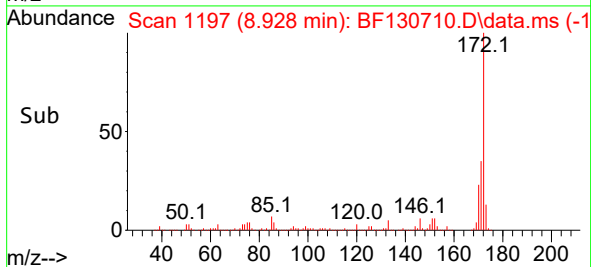
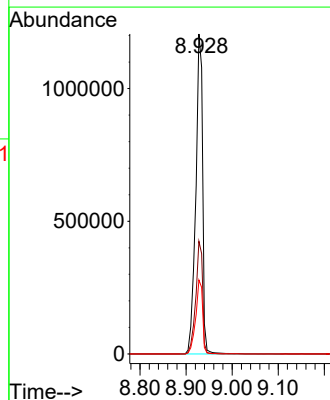
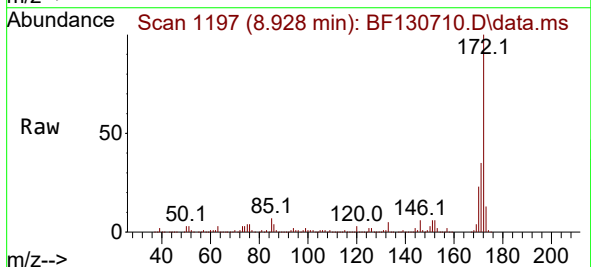
Tgt Ion:172 Resp: 1243641

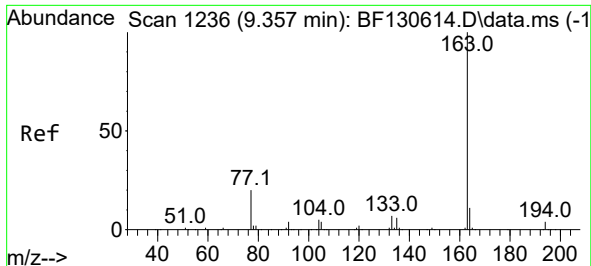
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.1 18.6 27.8

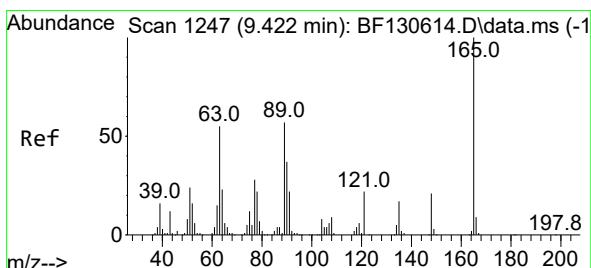
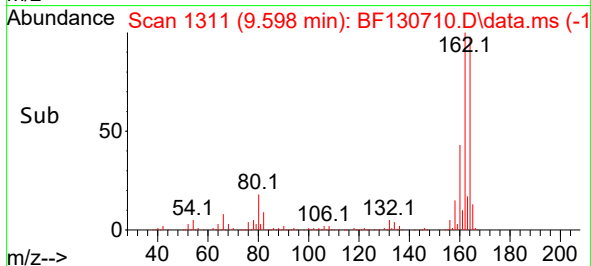
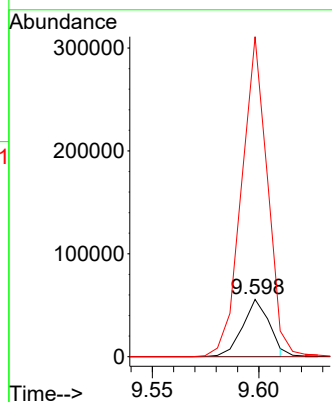
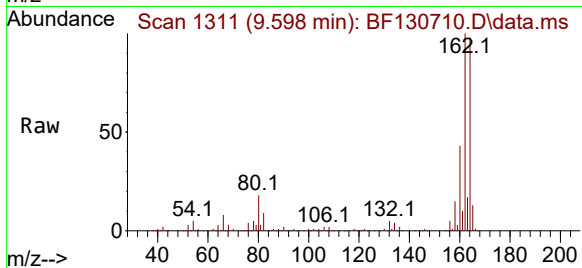




#50
Dimethylphthalate
Concen: 2.659 ng
RT: 9.598 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

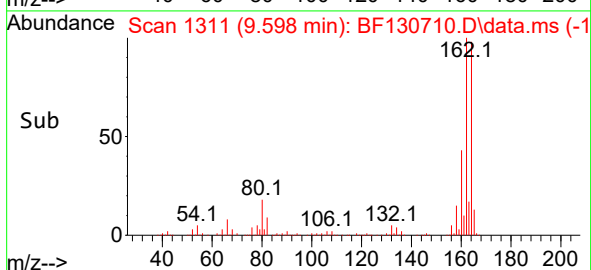
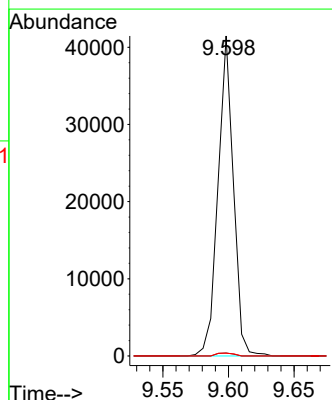
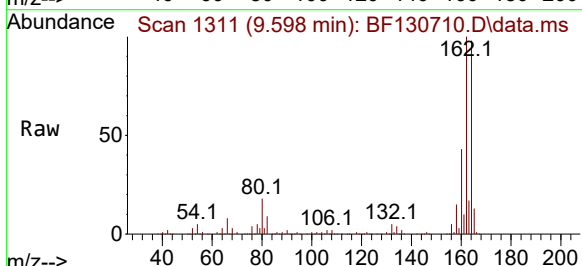
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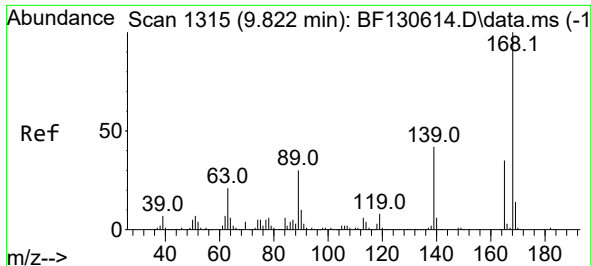
Tgt Ion:163 Resp: 48808
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 558.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.398 ng
RT: 9.598 min Scan# 1311
Delta R.T. 0.188 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

Tgt Ion:165 Resp: 33814
Ion Ratio Lower Upper
165 100
63 1.0 45.3 67.9#
89 0.9 45.6 68.4#

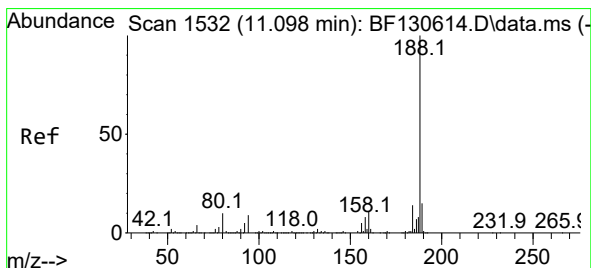
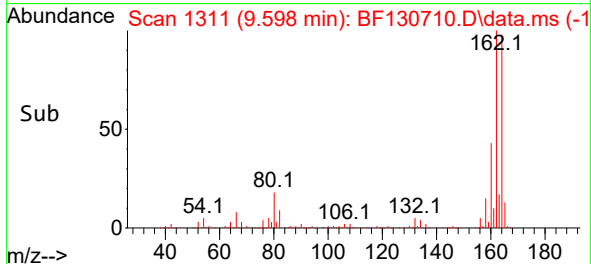
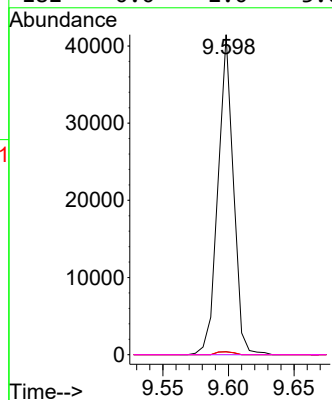
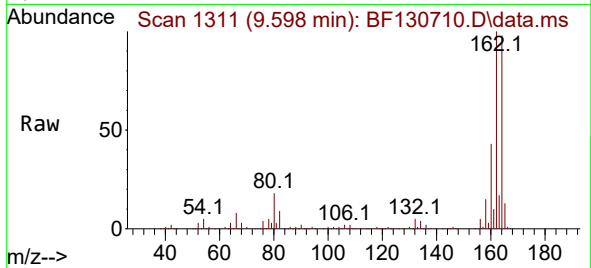




#57
2,4-Dinitrotoluene
Concen: 6.534 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

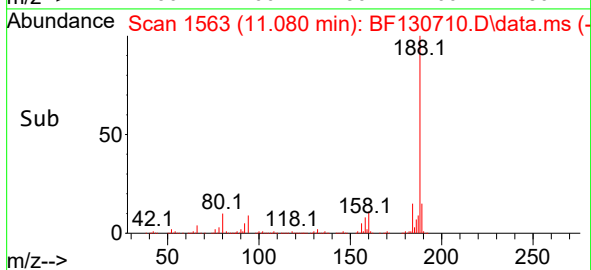
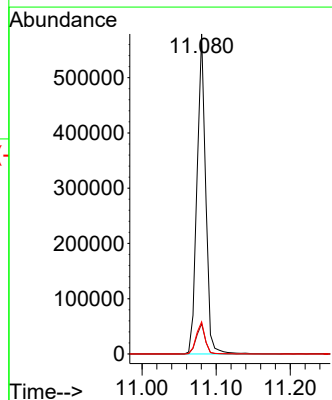
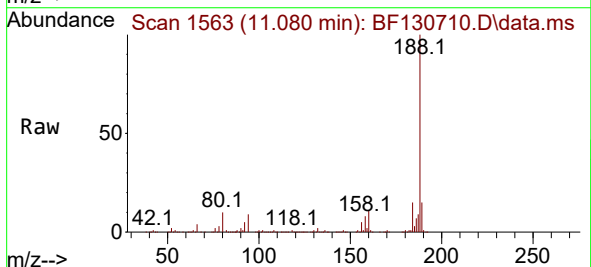
Instrument :
BNA_F
ClientSampleId :
PB148322TB

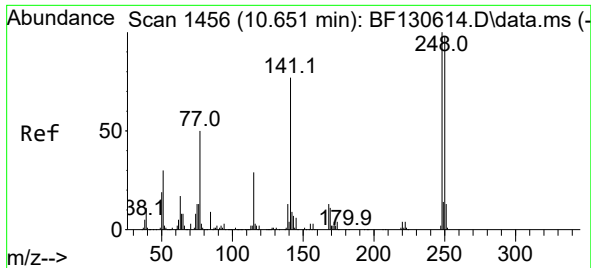
Tgt Ion:165 Resp: 33814
Ion Ratio Lower Upper
165 100
63 1.0 50.6 76.0#
89 0.9 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

Tgt Ion:188 Resp: 468856
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.1 8.0 12.0

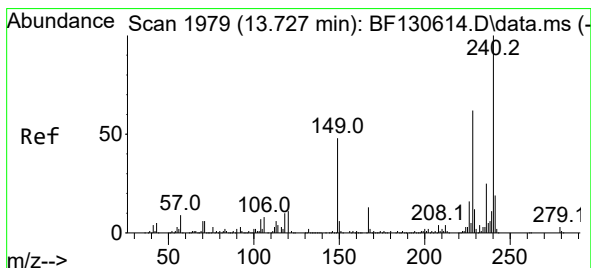
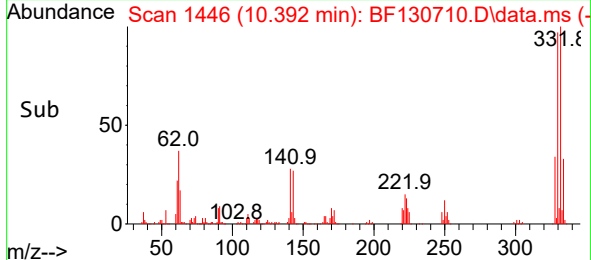
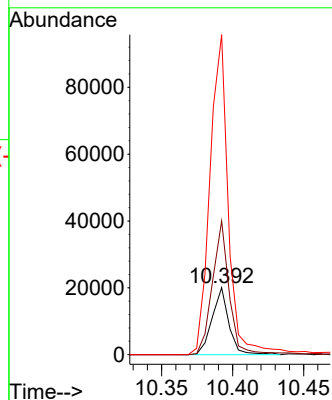
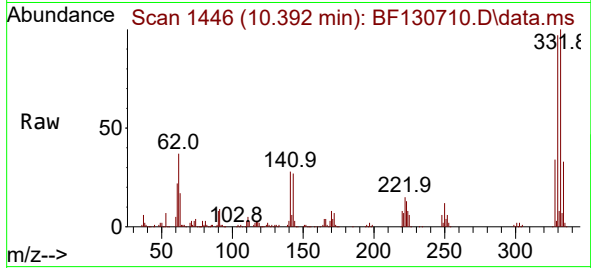




#67
4-Bromophenyl-phenylether
Concen: 3.113 ng
RT: 10.392 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

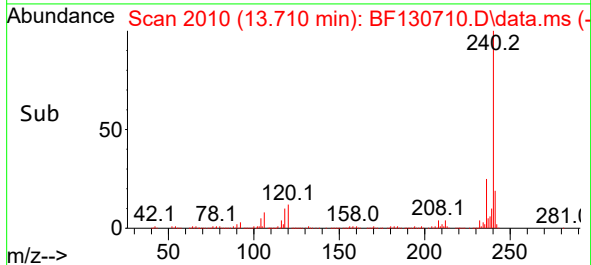
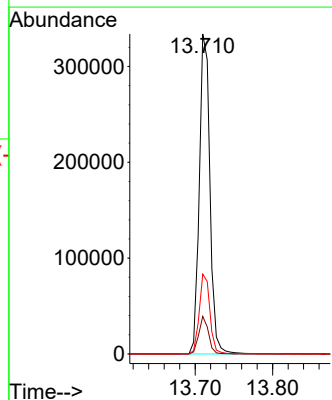
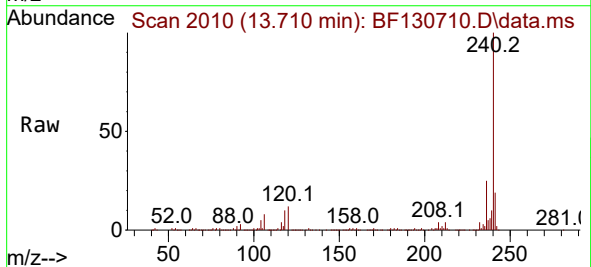
Instrument :
BNA_F
ClientSampleId :
PB148322TB

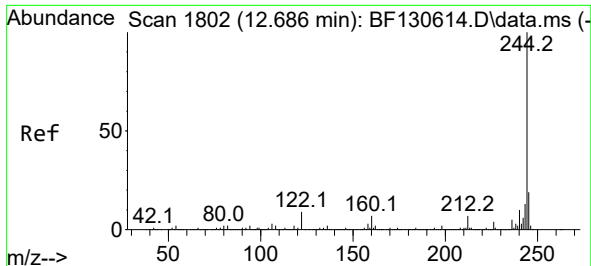
Tgt Ion:248 Resp: 16517
Ion Ratio Lower Upper
248 100
250 199.4 78.7 118.1#
141 477.0 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF130710.D
Acq: 19 Oct 2022 14:42

Tgt Ion:240 Resp: 317381
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 24.9 20.2 30.4

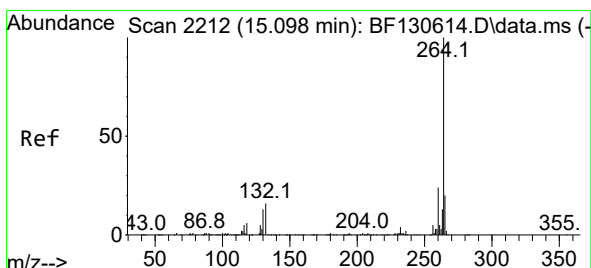
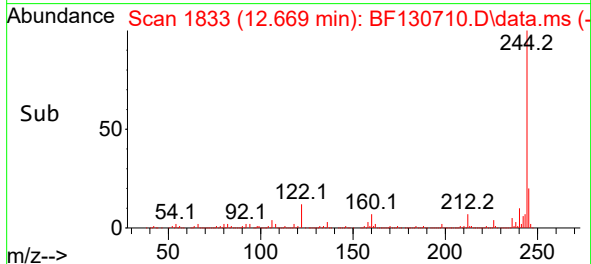
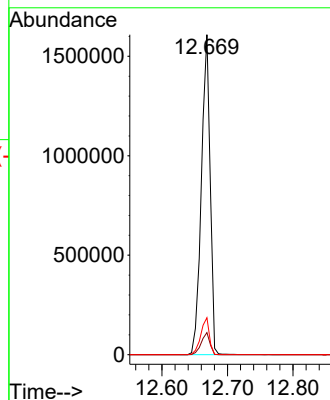
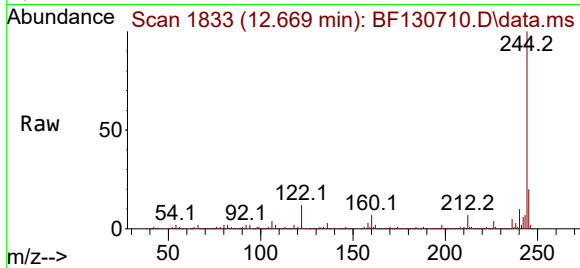




#79
 Terphenyl-d14
 Concen: 78.303 ng
 RT: 12.669 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130710.D
 Acq: 19 Oct 2022 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB148322TB

Tgt Ion:244 Resp: 1497354
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.5 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: BF130710.D
 Acq: 19 Oct 2022 14:42

Tgt Ion:264 Resp: 260920
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.8 16.4 24.6

