

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130607.D
 Acq On : 10 Oct 2022 17:25
 Operator : CG\JU
 Sample : N5054-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 510A-2

Quant Time: Oct 11 03:26:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

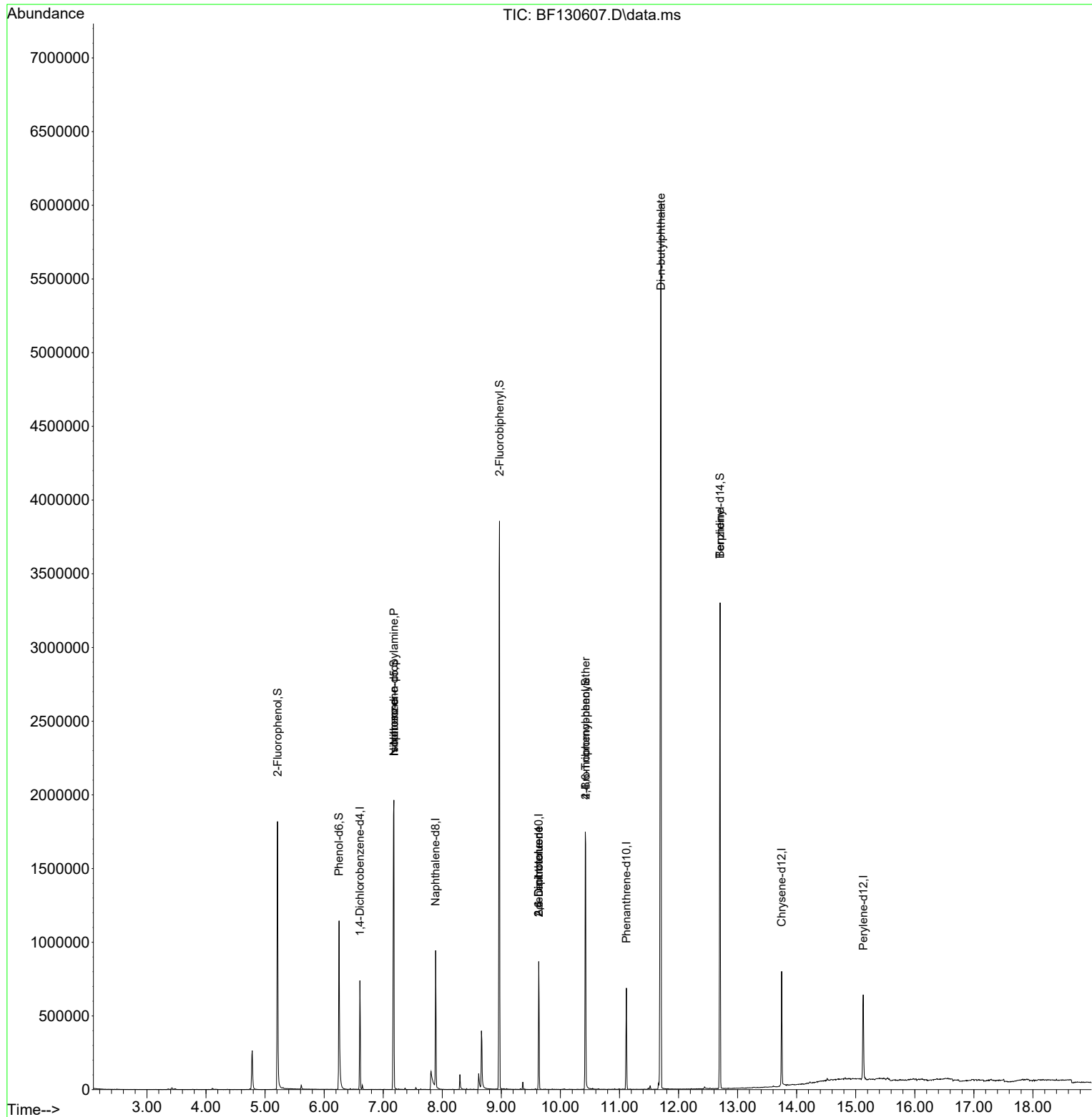
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	98856	20.000	ng	0.00
21) Naphthalene-d8	7.887	136	357802	20.000	ng	0.00
39) Acenaphthene-d10	9.634	164	161805	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	220032	20.000	ng	0.00
76) Chrysene-d12	13.745	240	222513	20.000	ng	0.00
86) Perylene-d12	15.127	264	233982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	514814	90.326	ng	0.00
7) Phenol-d6	6.251	99	424725	59.557	ng	0.00
23) Nitrobenzene-d5	7.181	82	703050	100.384	ng	0.00
42) 2,4,6-Tribromophenol	10.428	330	220852	142.448	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	1190184	107.113	ng	0.00
79) Terphenyl-d14	12.704	244	1026261	76.400	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	94802	19.701	ng	# 71
25) Isophorone	7.181	82	703042	62.282	ng	# 66
51) 2,6-Dinitrotoluene	9.634	165	20729	8.868	ng	# 15
57) 2,4-Dinitrotoluene	9.634	165	20729	6.939	ng	# 15
67) 4-Bromophenyl-phenylether	10.428	248	13364	5.506	ng	# 1
74) Di-n-butylphthalate	11.704	149	3888737	299.733	ng	98
77) Benzidine	12.704	184	14302	2.214	ng	# 90

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

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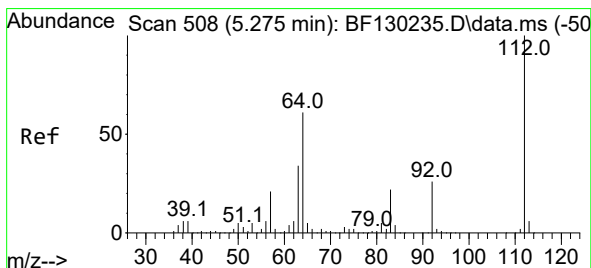
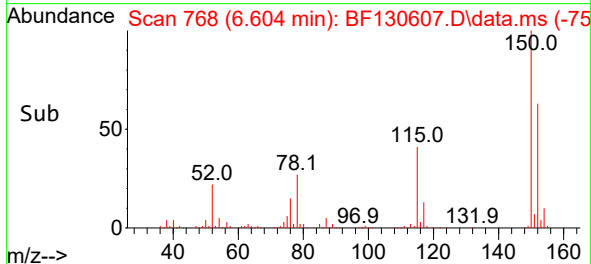
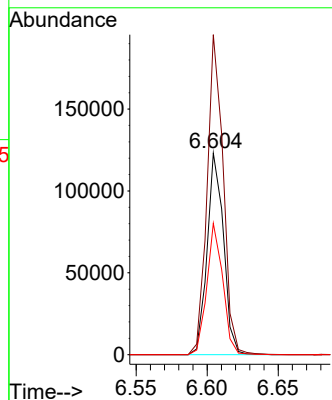
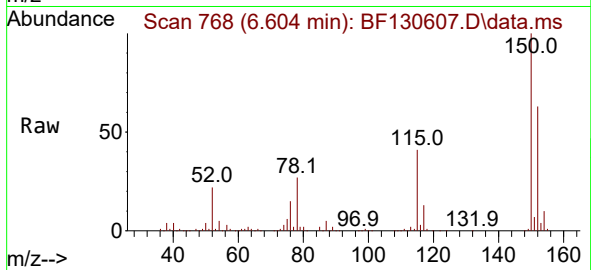




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

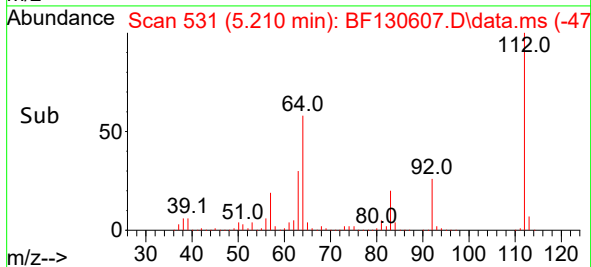
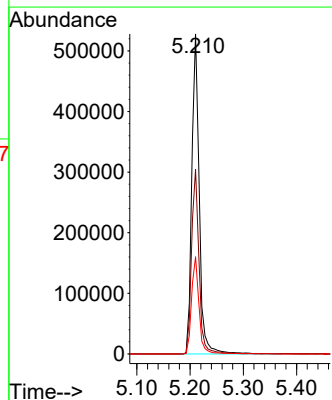
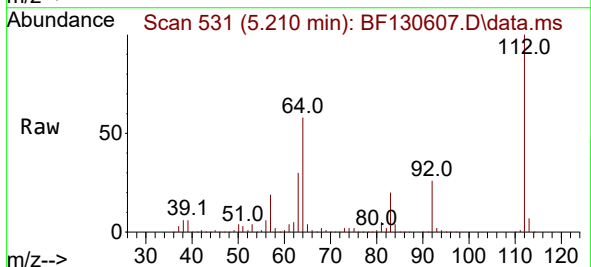
Instrument :
BNA_F
ClientSampleId :
510A-2

Tgt Ion:152 Resp: 98856
Ion Ratio Lower Upper
152 100
150 158.8 122.8 184.2
115 65.2 53.8 80.8



#5
2-Fluorophenol
Concen: 90.326 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

Tgt Ion:112 Resp: 514814
Ion Ratio Lower Upper
112 100
64 57.7 51.4 77.0
63 30.4 28.8 43.2

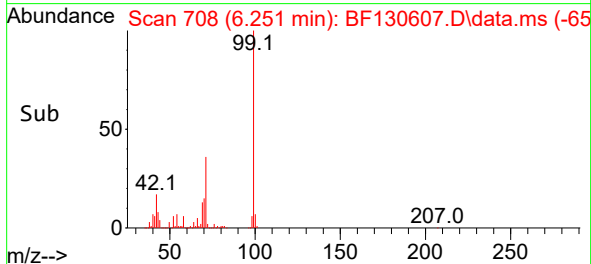
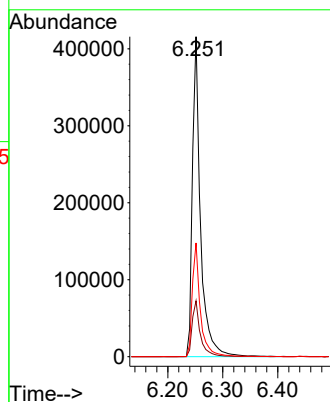
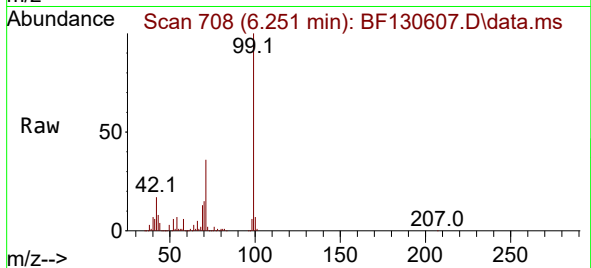




#7
Phenol-d6
Concen: 59.557 ng
RT: 6.251 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

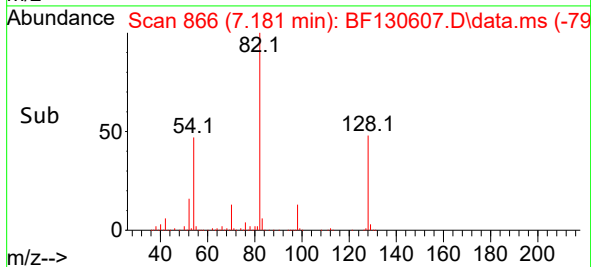
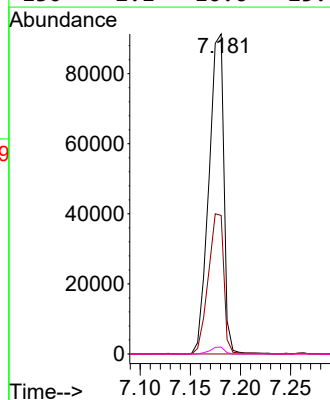
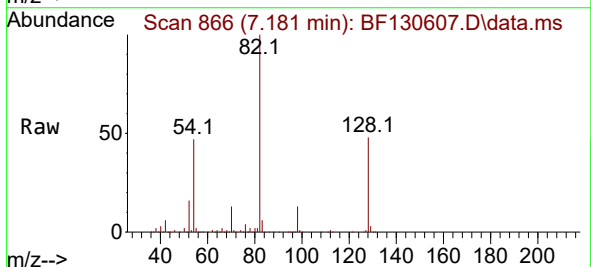
Instrument :
BNA_F
ClientSampleId :
510A-2

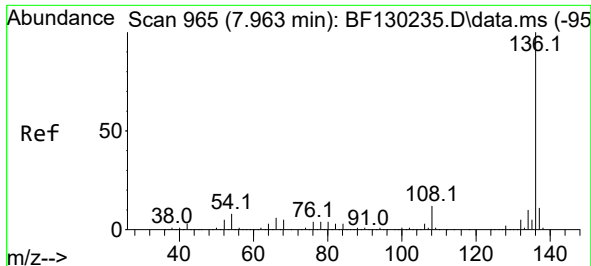
Tgt Ion: 99 Resp: 424725
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 35.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.701 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.147 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

Tgt Ion: 70 Resp: 94802
Ion Ratio Lower Upper
70 100
42 43.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

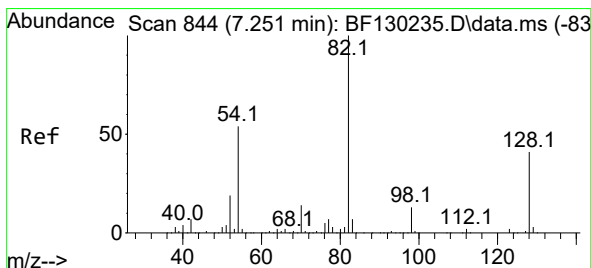
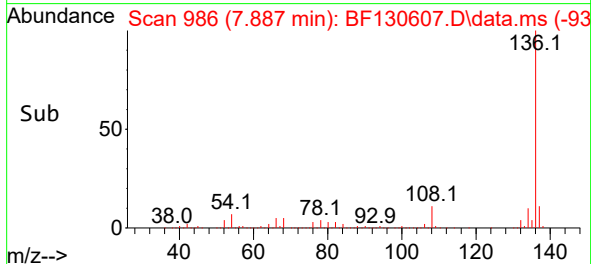
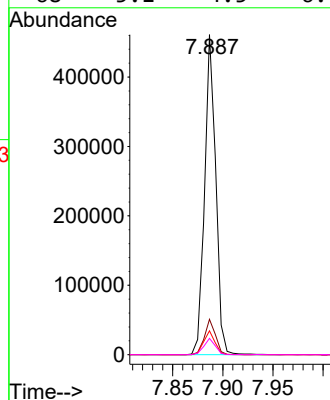
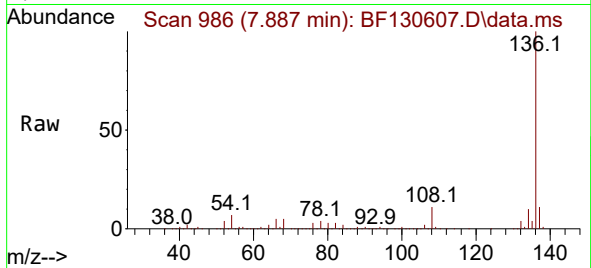




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

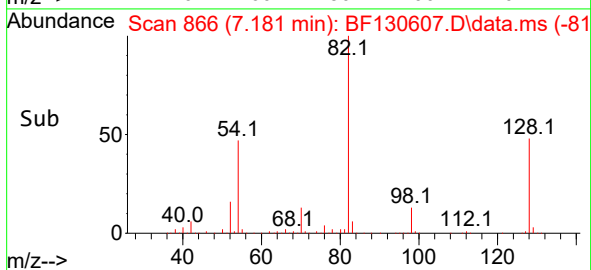
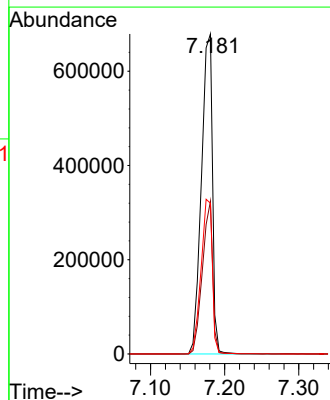
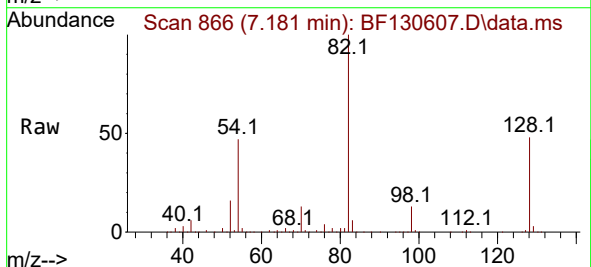
Instrument :
BNA_F
ClientSampleId :
510A-2

Tgt Ion:136 Resp: 357802
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.4 7.1 10.7
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 100.384 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

Tgt Ion: 82 Resp: 703050
Ion Ratio Lower Upper
82 100
128 47.8 32.6 49.0
54 47.1 43.8 65.6

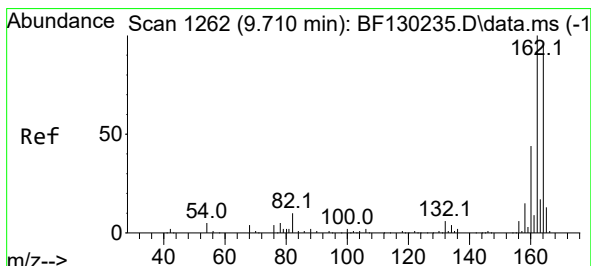
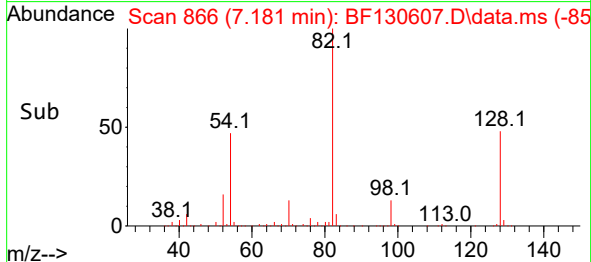
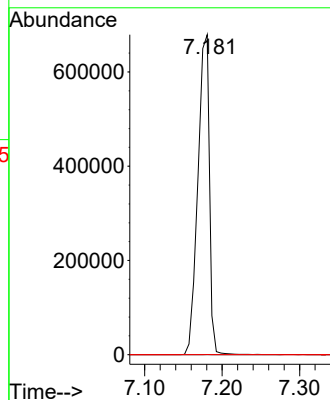
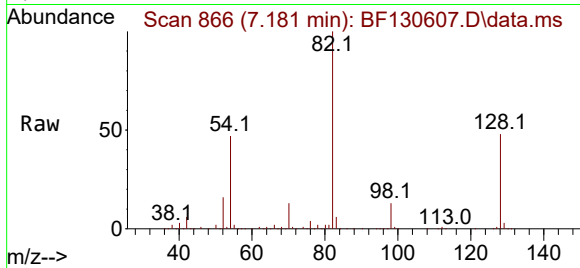




#25
Isophorone
Concen: 62.282 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

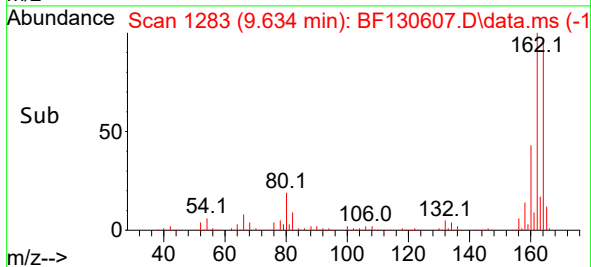
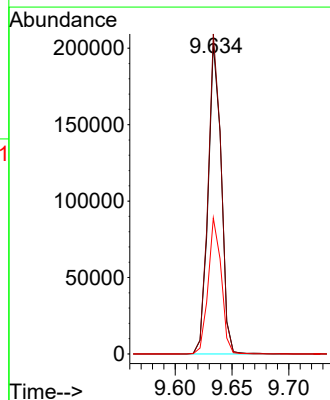
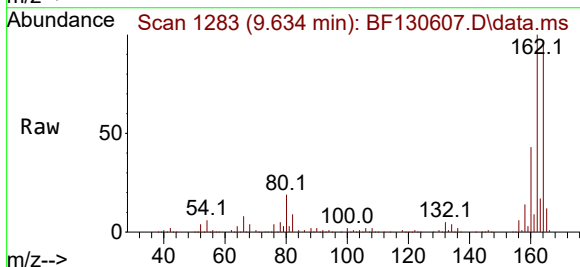
Instrument :
BNA_F
ClientSampleId :
510A-2

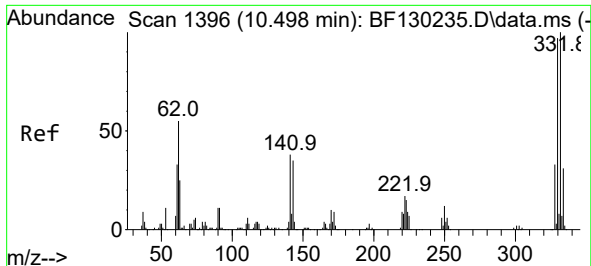
Tgt Ion: 82 Resp: 703042
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

Tgt Ion: 164 Resp: 161805
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 43.8 36.2 54.4

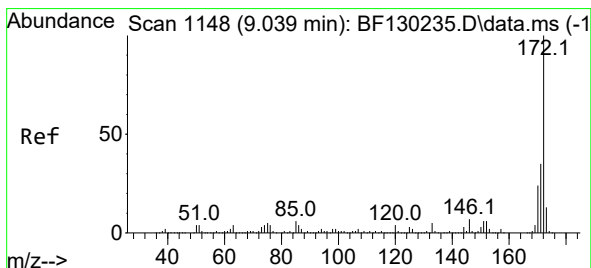
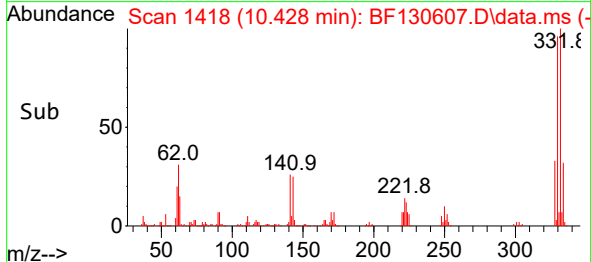
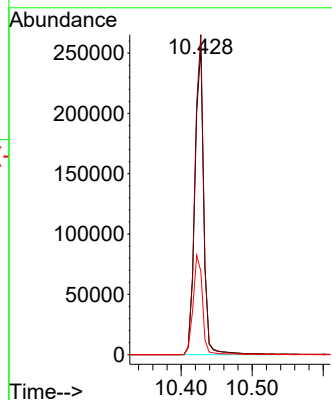
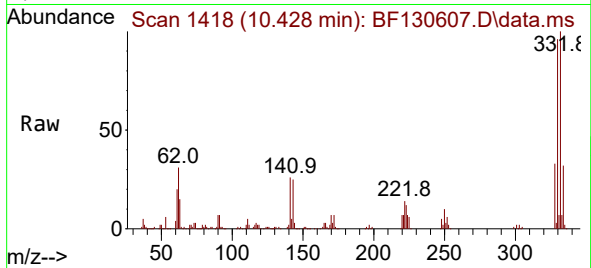




#42
2,4,6-Tribromophenol
Concen: 142.448 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

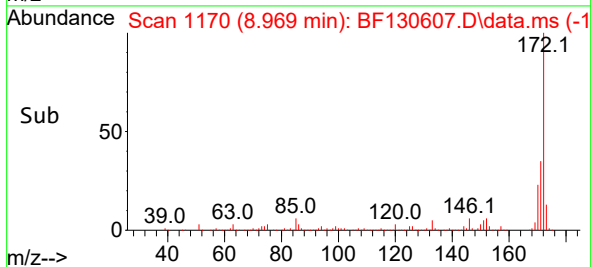
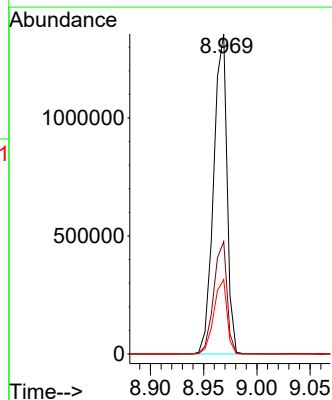
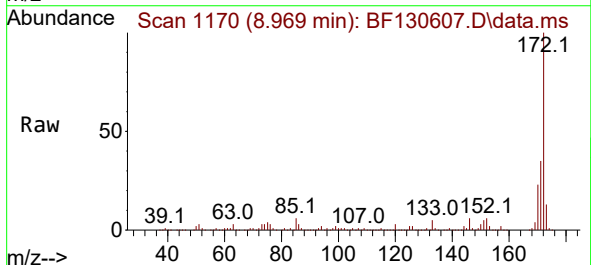
Instrument :
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ClientSampleId :
510A-2

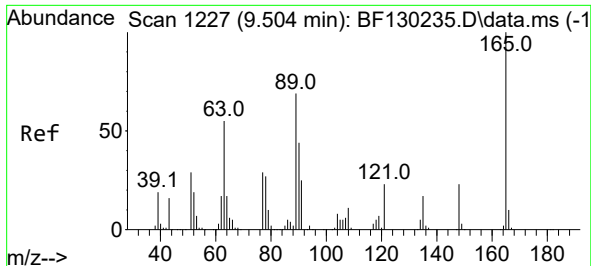
Tgt Ion:330 Resp: 220852
Ion Ratio Lower Upper
330 100
332 104.4 83.4 125.2
141 34.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 107.113 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

Tgt Ion:172 Resp: 1190184
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.3 18.7 28.1

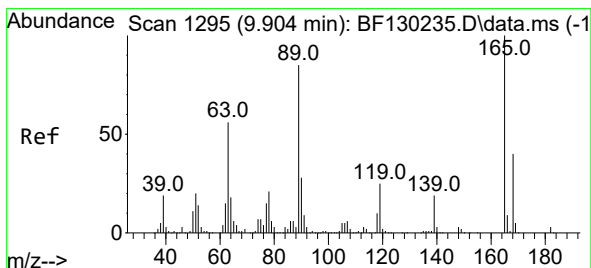
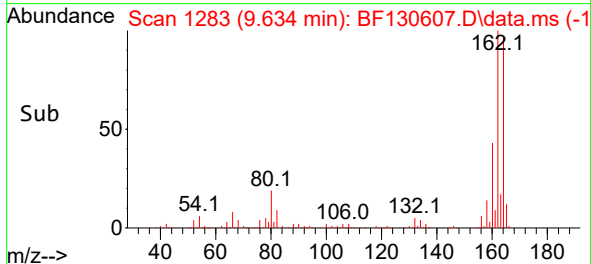
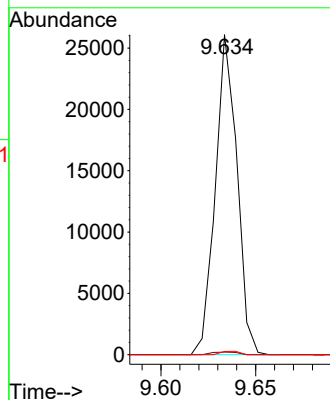
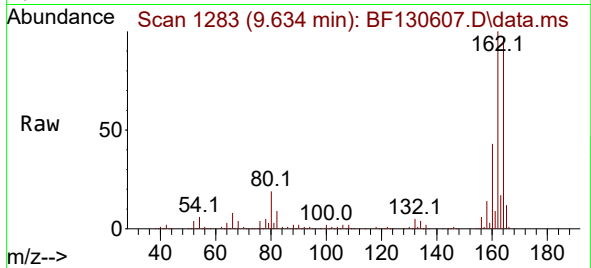




#51
2,6-Dinitrotoluene
Concen: 8.868 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.194 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

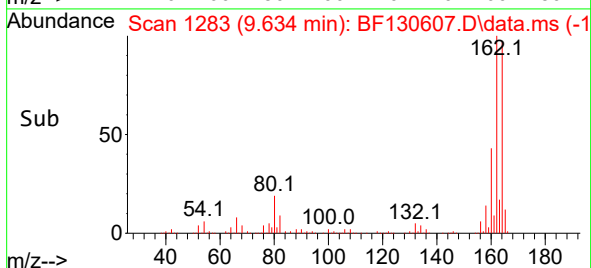
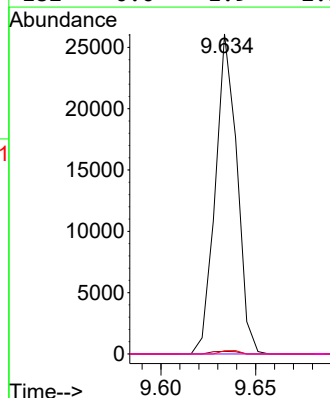
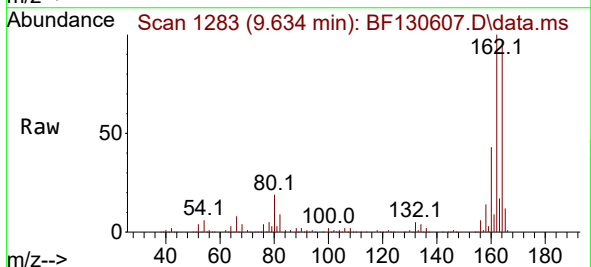
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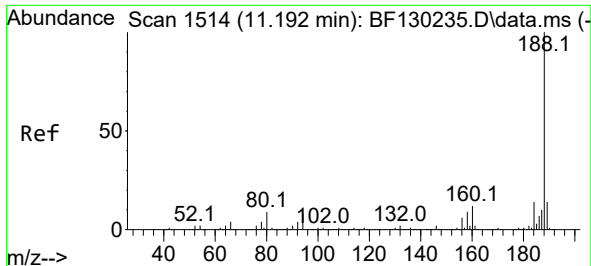
Tgt Ion:165 Resp: 20729
Ion Ratio Lower Upper
165 100
63 0.8 58.8 88.2#
89 1.0 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 6.939 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.206 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

Tgt Ion:165 Resp: 20729
Ion Ratio Lower Upper
165 100
63 0.8 44.7 67.1#
89 1.0 69.0 103.4#
182 0.0 1.9 2.9#

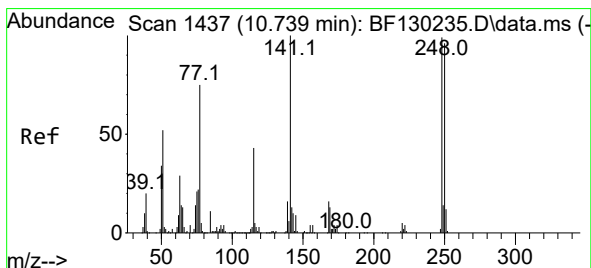
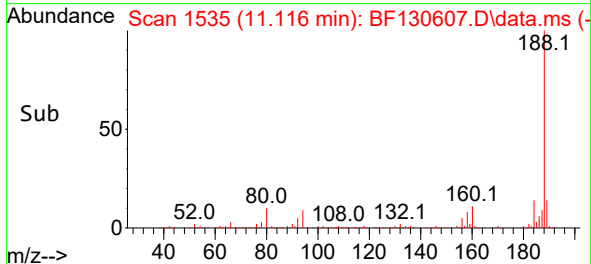
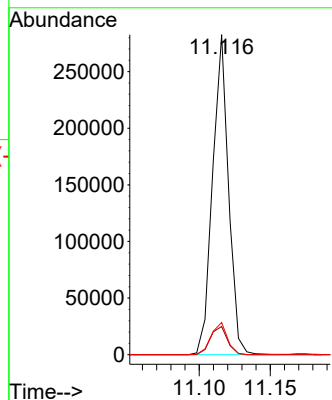
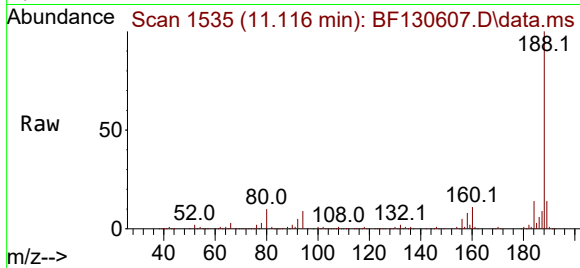




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

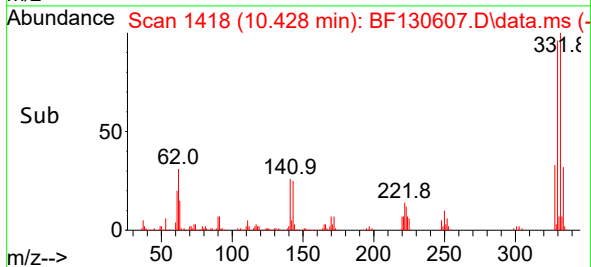
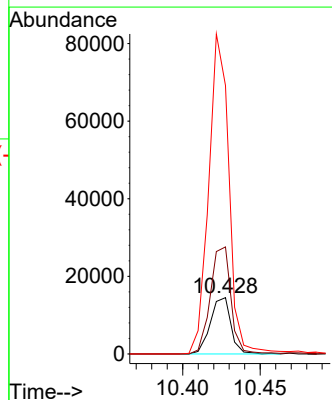
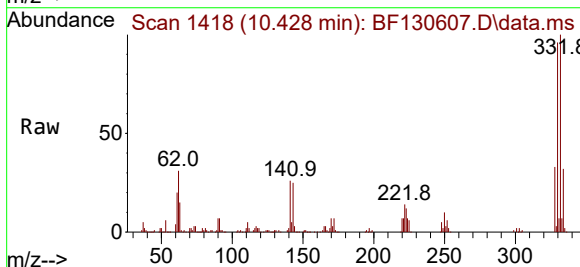
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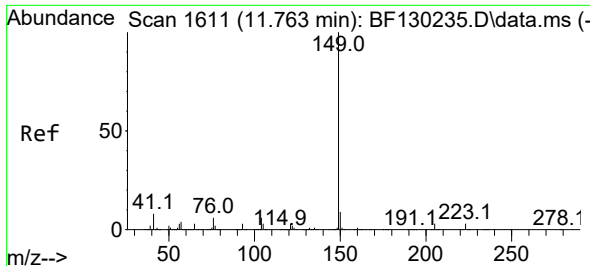
Tgt Ion:188 Resp: 220032
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 10.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.506 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.241 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

Tgt Ion:248 Resp: 13364
Ion Ratio Lower Upper
248 100
250 190.0 80.0 120.0#
141 476.3 68.5 102.7#

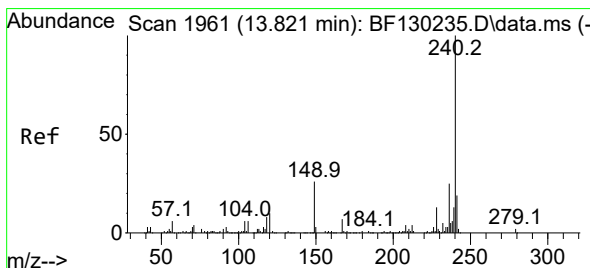
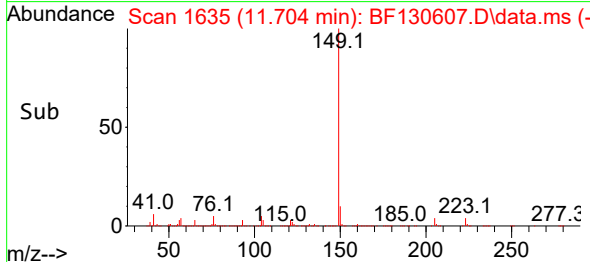
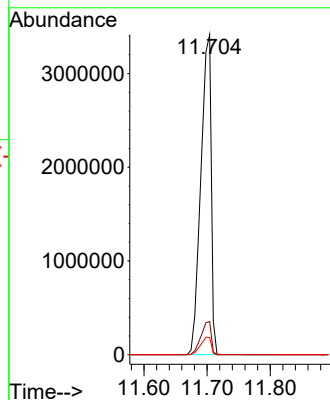
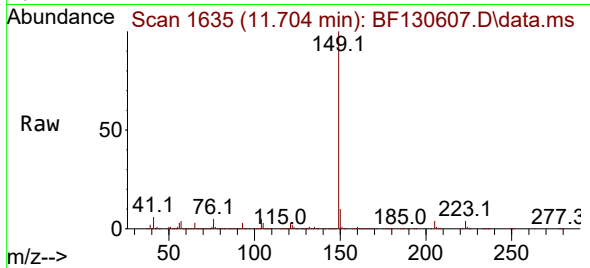




#74
Di-n-butylphthalate
Concen: 299.733 ng
RT: 11.704 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

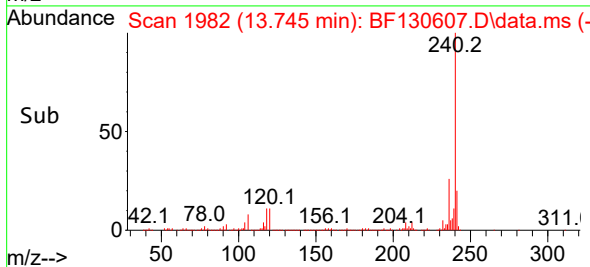
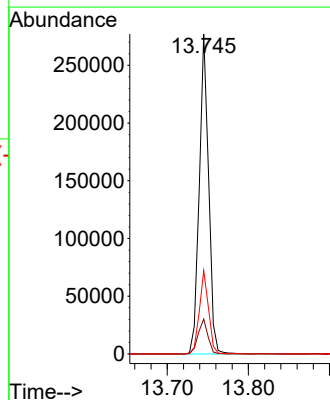
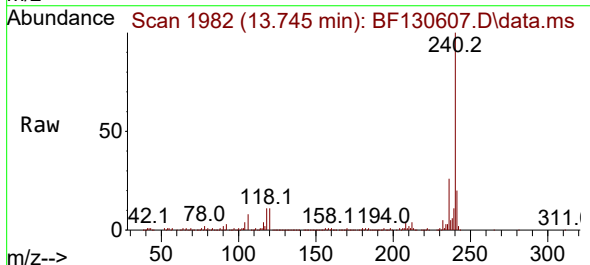
Instrument :
BNA_F
ClientSampleId :
510A-2

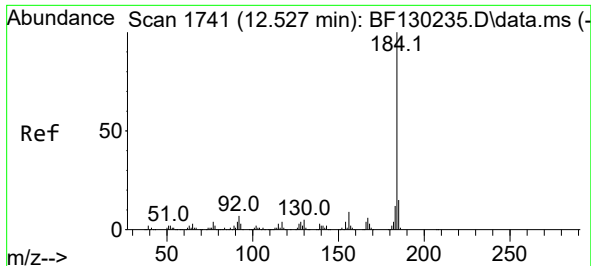
Tgt Ion:149 Resp: 3888737
Ion Ratio Lower Upper
149 100
150 10.4 7.4 11.2
104 5.4 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

Tgt Ion:240 Resp: 222513
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 26.1 20.9 31.3

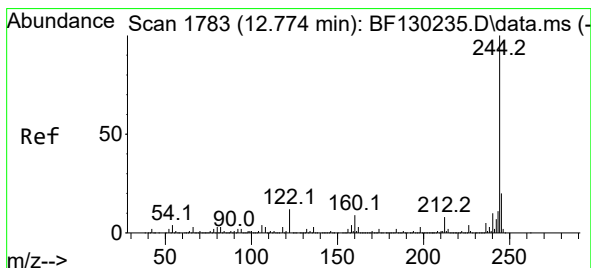
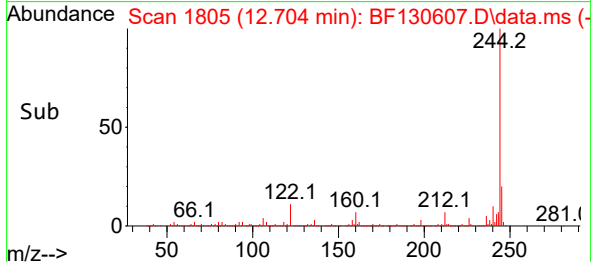
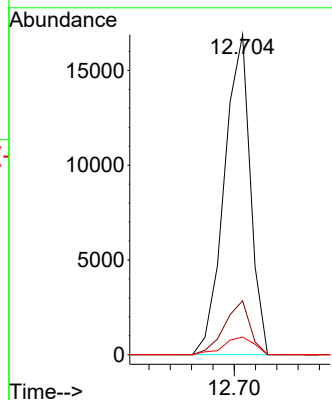
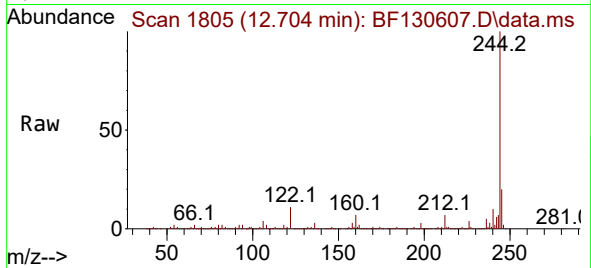




#77
Benzidine
Concen: 2.214 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.247 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

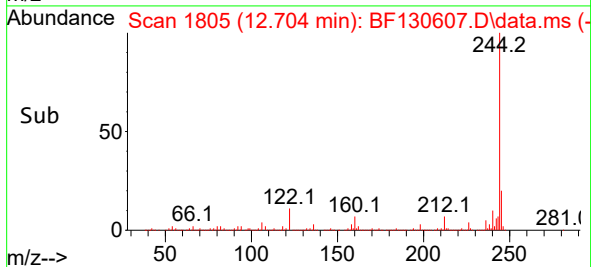
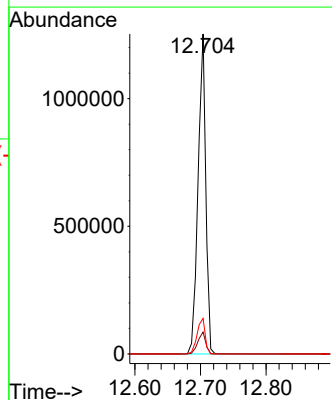
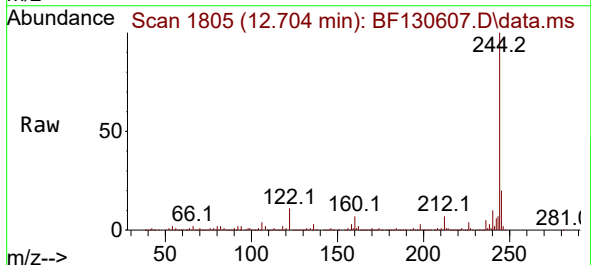
Instrument :
BNA_F
ClientSampleId :
510A-2

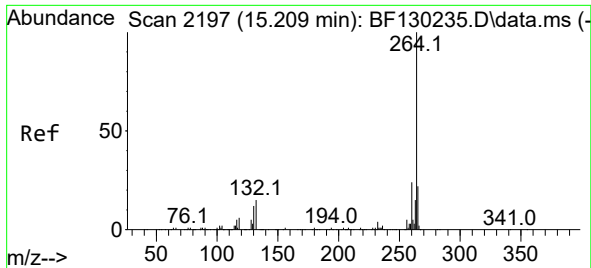
Tgt Ion:184 Resp: 14302
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 5.5 9.1 13.7#



#79
Terphenyl-d14
Concen: 76.400 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF130607.D
Acq: 10 Oct 2022 17:25

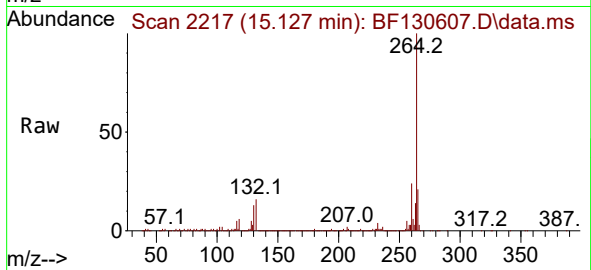
Tgt Ion:244 Resp: 1026261
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.1 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130607.D
 Acq: 10 Oct 2022 17:25

Instrument :
 BNA_F
 ClientSampleId :
 510A-2



Tgt Ion:264 Resp: 233982

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.4	17.0	25.4

