

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130430.D
 Acq On : 27 Sep 2022 18:01
 Operator : CG\JU
 Sample : N4823-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FREEMAN-ST

Quant Time: Sep 28 03:01:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

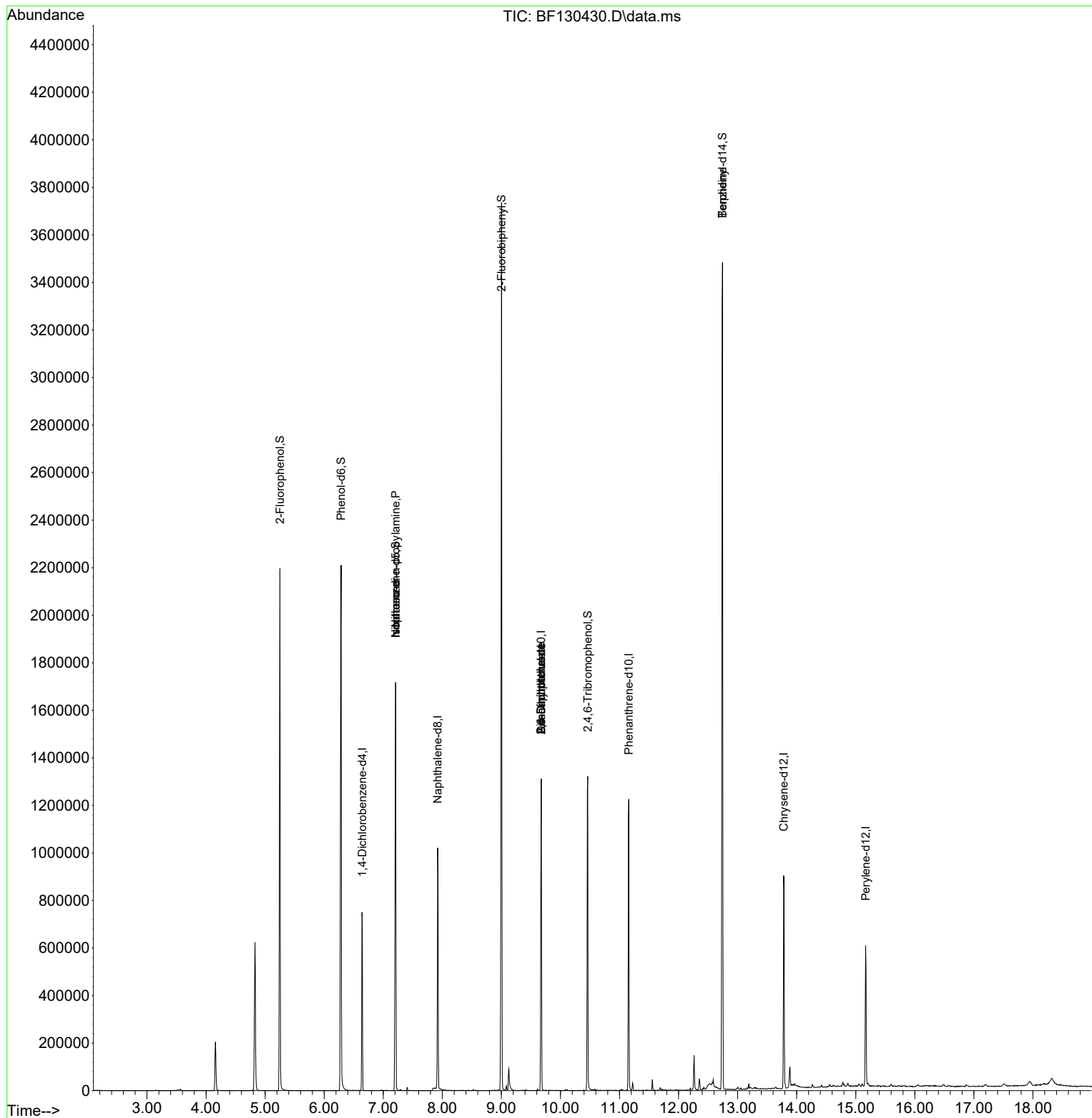
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	111343	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	456113	20.000	ng	0.00
39) Acenaphthene-d10	9.675	164	247022	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	449556	20.000	ng	# 0.00
76) Chrysene-d12	13.780	240	309729	20.000	ng	-0.01
86) Perylene-d12	15.168	264	241524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	577307	89.931	ng	0.00
7) Phenol-d6	6.287	99	819083	101.975	ng	0.00
23) Nitrobenzene-d5	7.210	82	540545	60.546	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	162460	68.637	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1102028	64.964	ng	0.00
79) Terphenyl-d14	12.745	244	1255560	67.150	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	73260	13.517	ng	# 73
25) Isophorone	7.210	82	539273	37.476	ng	# 66
50) Dimethylphthalate	9.675	163	46462	2.723	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	33149	9.289	ng	# 15
57) 2,4-Dinitrotoluene	9.675	165	33149	7.268	ng	# 15
77) Benzidine	12.745	184	18418	2.048	ng	# 91

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

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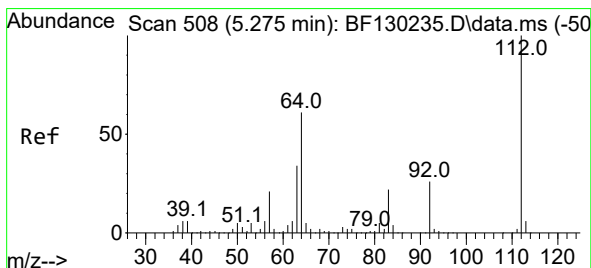
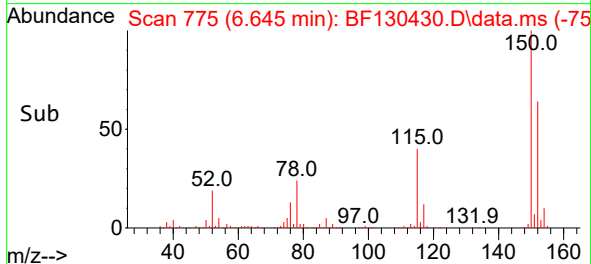
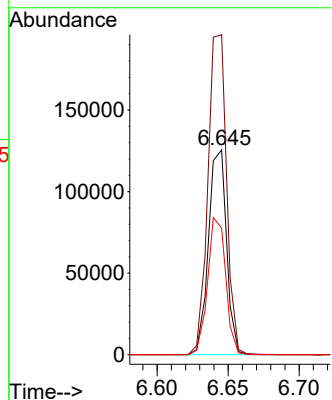
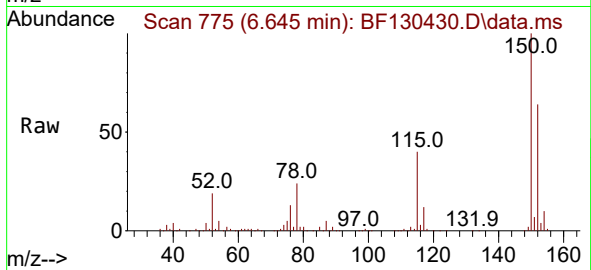




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130430.D
 Acq: 27 Sep 2022 18:01

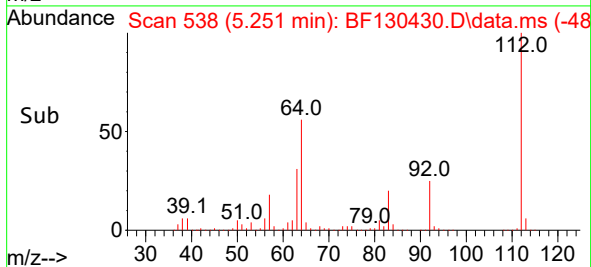
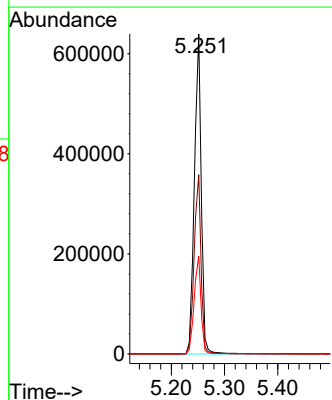
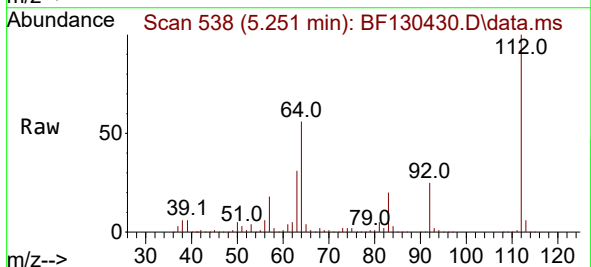
Instrument :
 BNA_F
 ClientSampleId :
 FREEMAN-ST

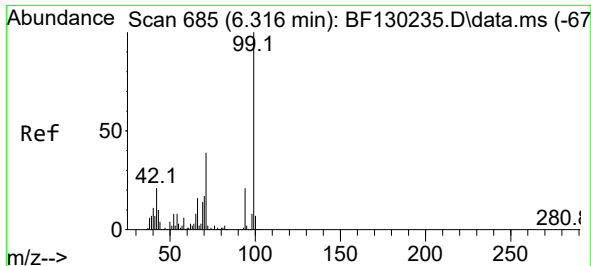
Tgt Ion:152 Resp: 111343
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.8 184.2
 115 61.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 89.931 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130430.D
 Acq: 27 Sep 2022 18:01

Tgt Ion:112 Resp: 577307
 Ion Ratio Lower Upper
 112 100
 64 56.0 51.4 77.0
 63 30.5 28.8 43.2

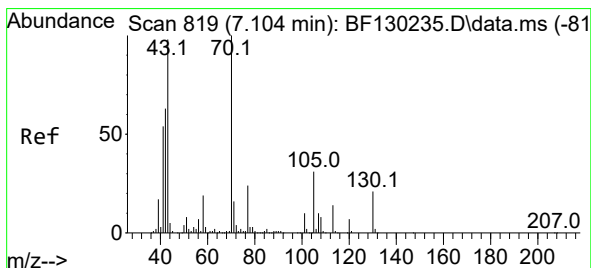
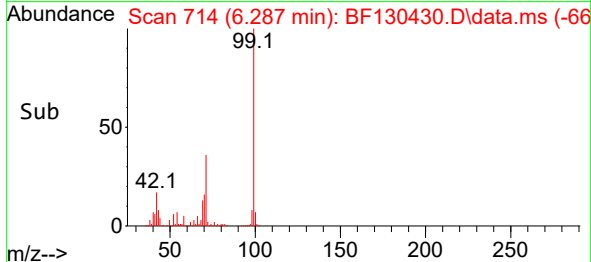
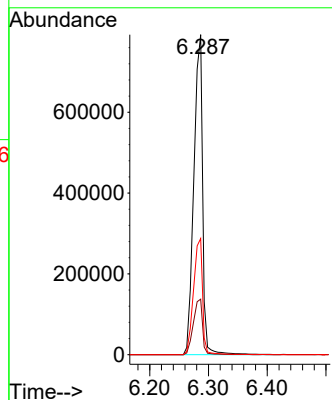
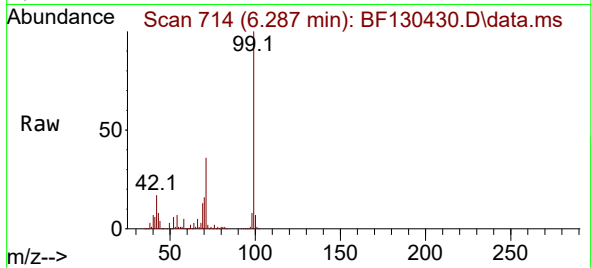




#7
Phenol-d6
Concen: 101.975 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

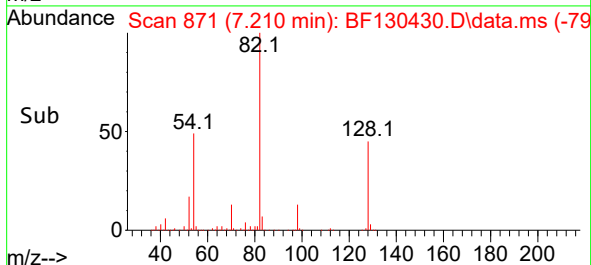
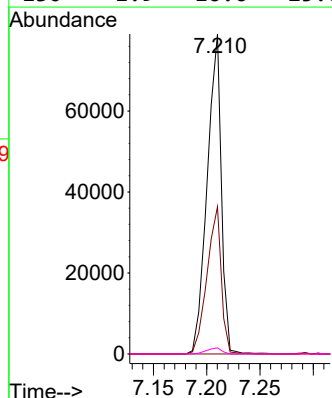
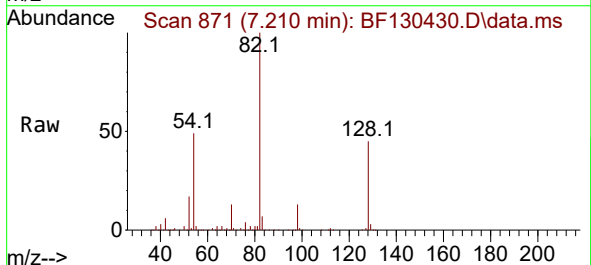
Instrument :
BNA_F
ClientSampleId :
FREEMAN-ST

Tgt Ion: 99 Resp: 819083
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 36.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.517 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion: 70 Resp: 73260
Ion Ratio Lower Upper
70 100
42 46.0 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#



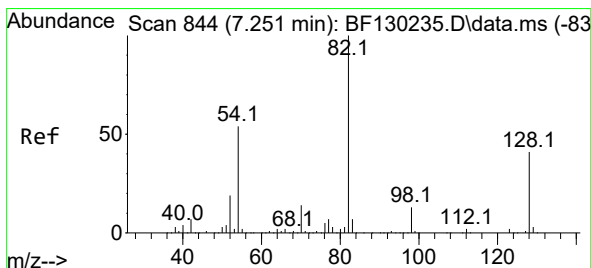
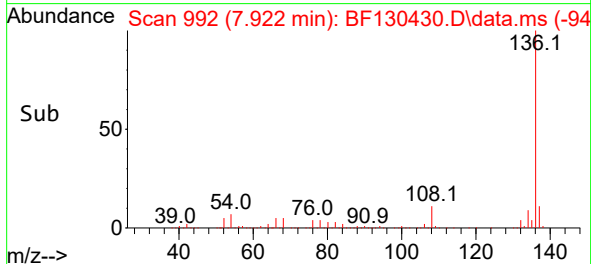
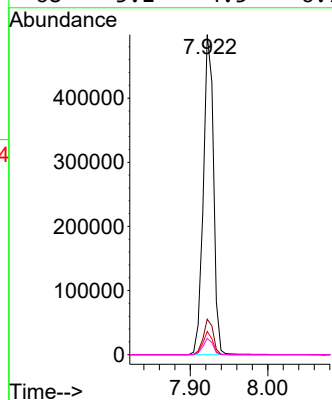
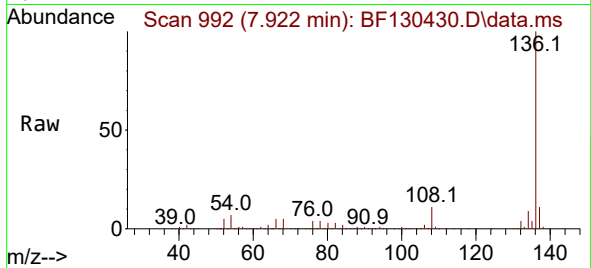


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Instrument :
BNA_F
ClientSampleId :
FREEMAN-ST

Tgt Ion:136 Resp: 456113

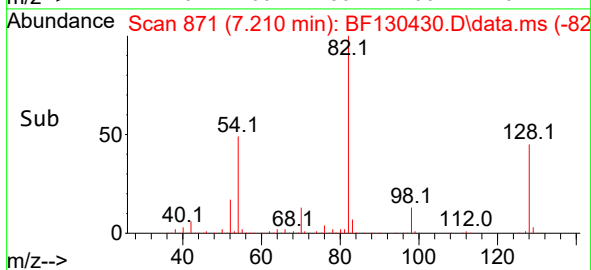
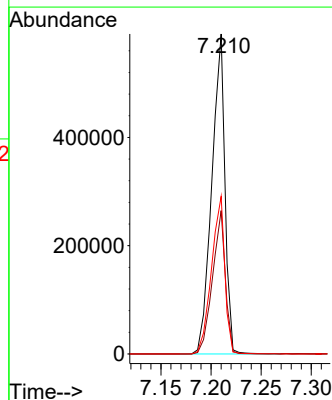
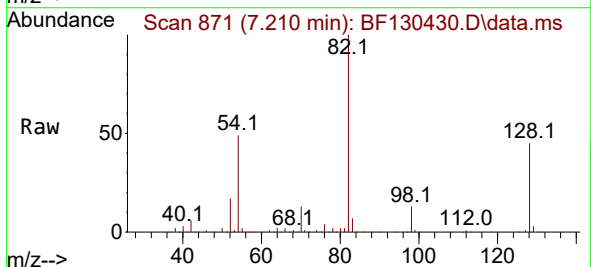
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	7.1	10.7
68	5.1	4.5	6.7

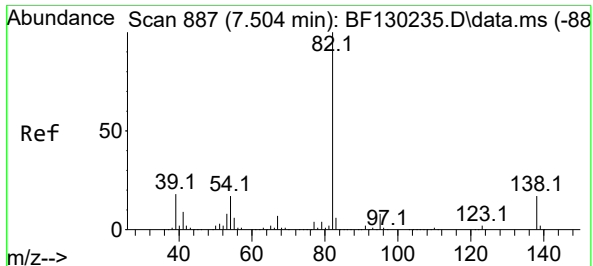


#23
Nitrobenzene-d5
Concen: 60.546 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion: 82 Resp: 540545

Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.6	49.0
54	49.2	43.8	65.6

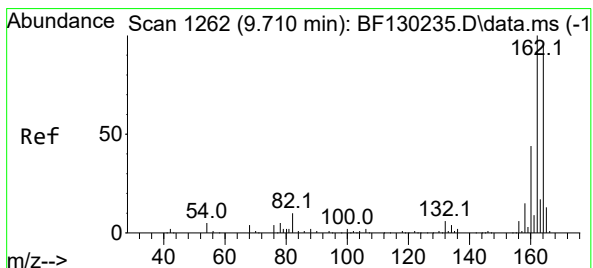
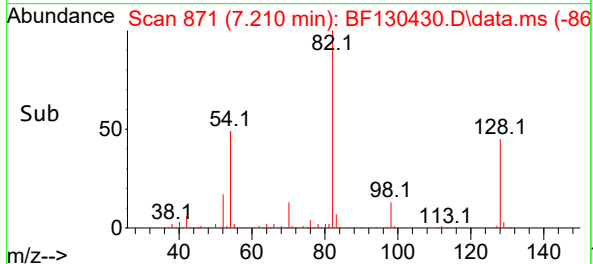
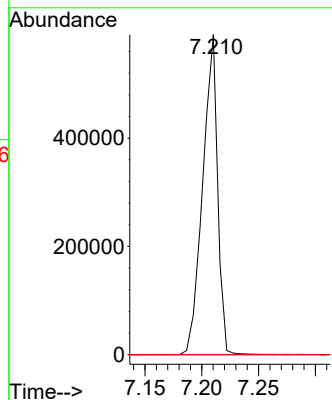
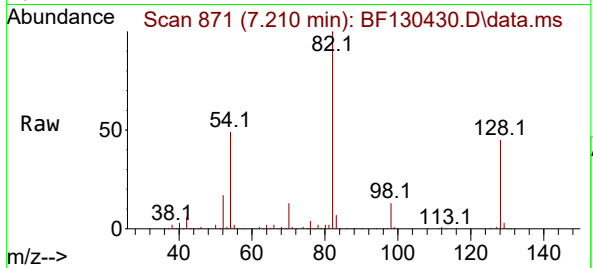




#25
Isophorone
Concen: 37.476 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

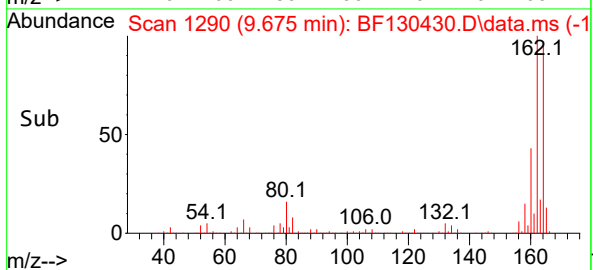
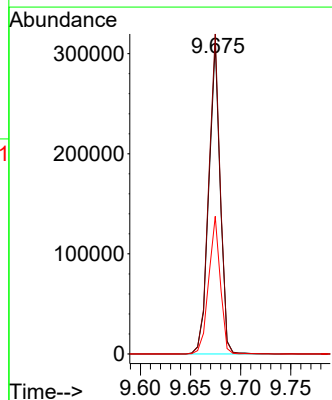
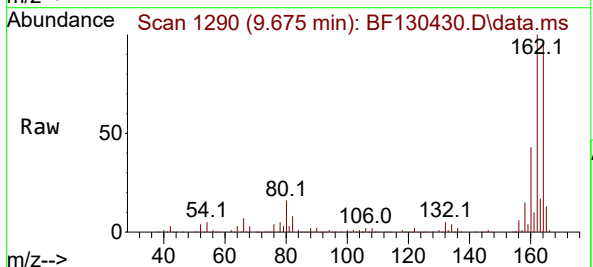
Instrument :
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ClientSampleId :
FREEMAN-ST

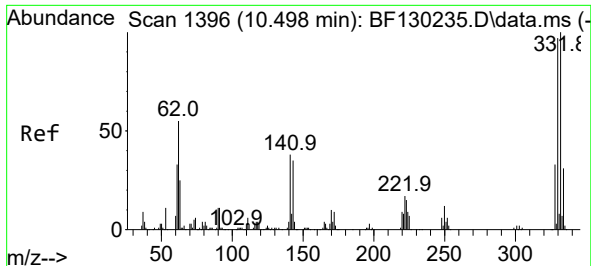
Tgt Ion: 82 Resp: 539273
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion: 164 Resp: 247022
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.2 36.2 54.4

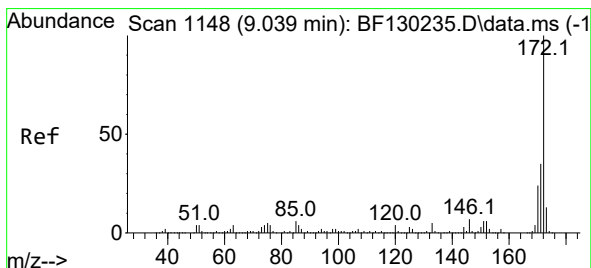
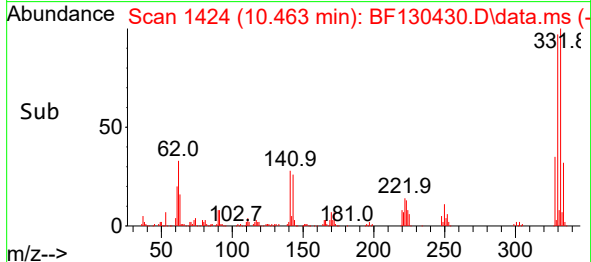
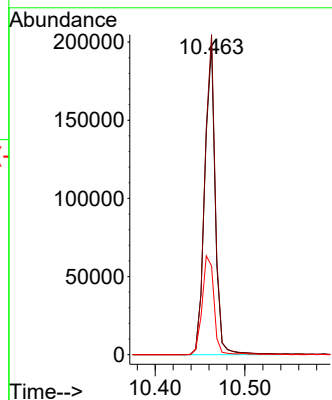
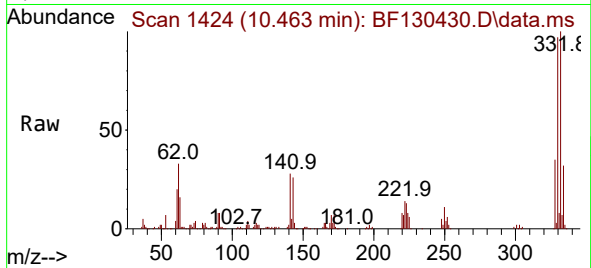




#42
2,4,6-Tribromophenol
Concen: 68.637 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

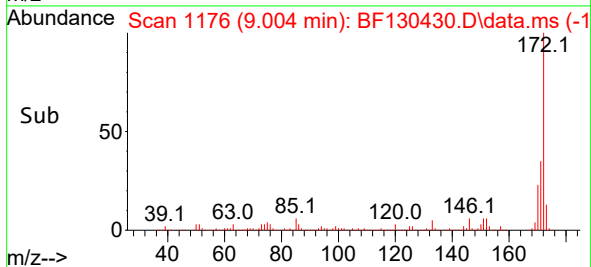
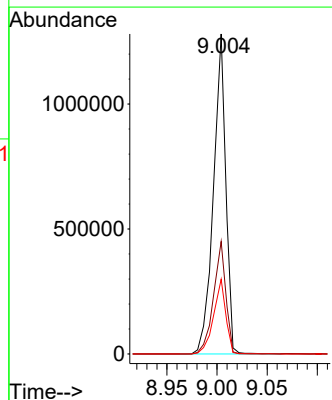
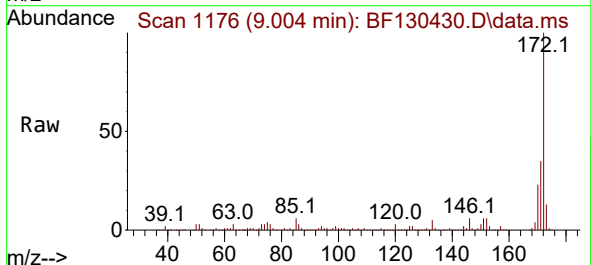
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ClientSampleId :
FREEMAN-ST

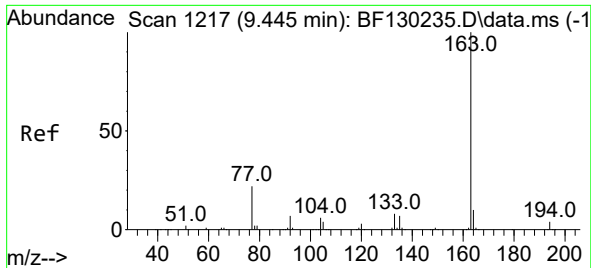
Tgt Ion:330 Resp: 162460
Ion Ratio Lower Upper
330 100
332 102.9 83.4 125.2
141 35.2 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 64.964 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion:172 Resp: 1102028
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.4 18.7 28.1

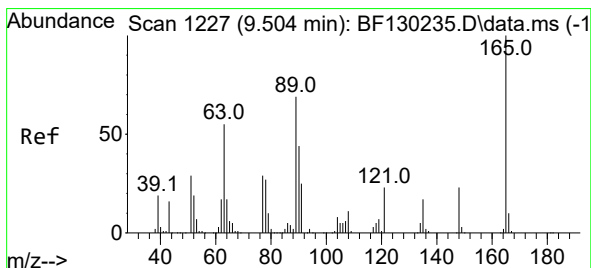
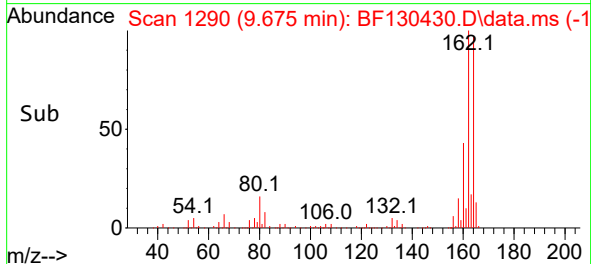
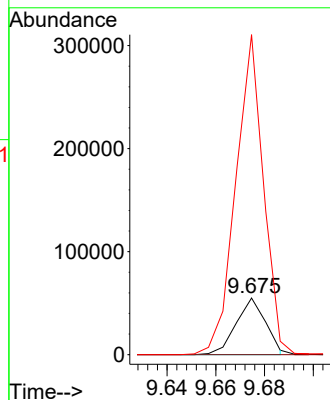
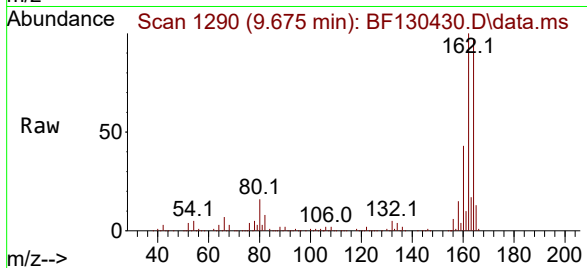




#50
Dimethylphthalate
Concen: 2.723 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.259 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

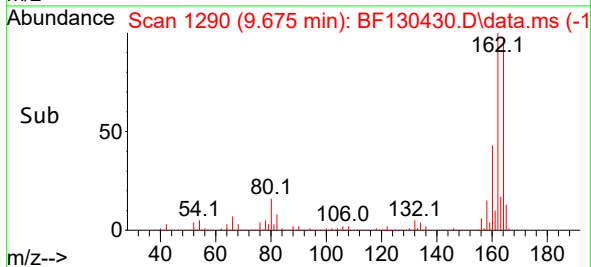
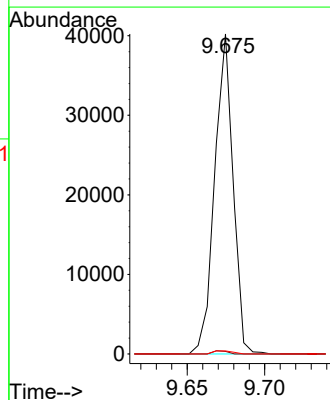
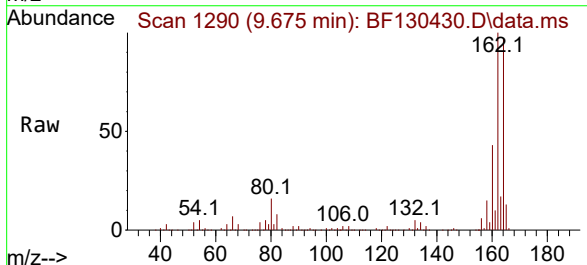
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BNA_F
ClientSampleId :
FREEMAN-ST

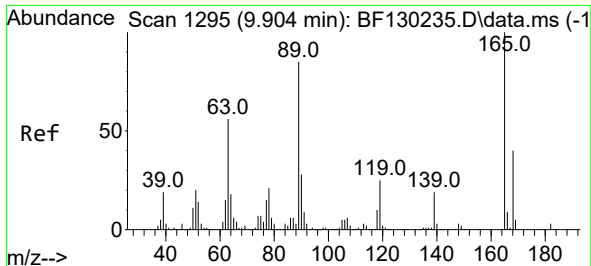
Tgt Ion:163 Resp: 46462
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 564.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.289 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion:165 Resp: 33149
Ion Ratio Lower Upper
165 100
63 0.8 58.8 88.2#
89 0.9 54.5 81.7#

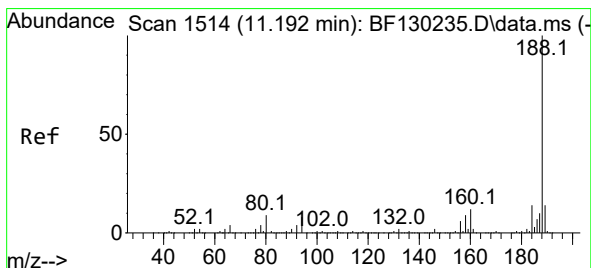
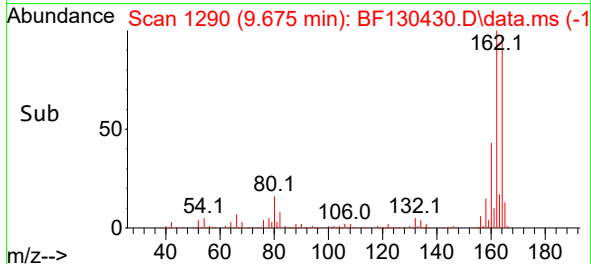
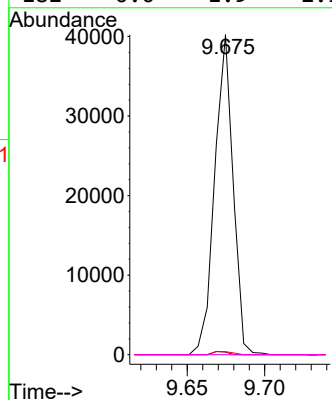
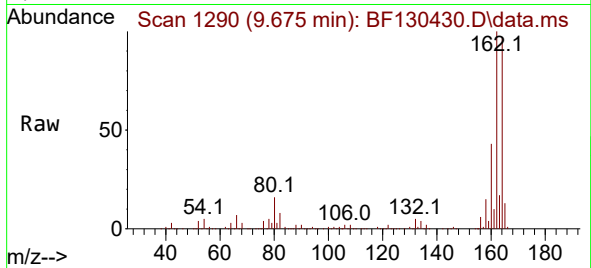




#57
2,4-Dinitrotoluene
Concen: 7.268 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

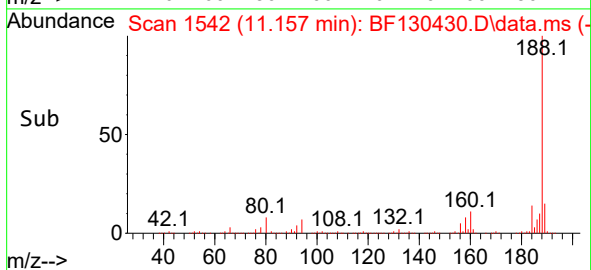
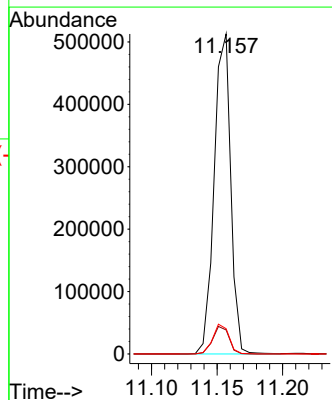
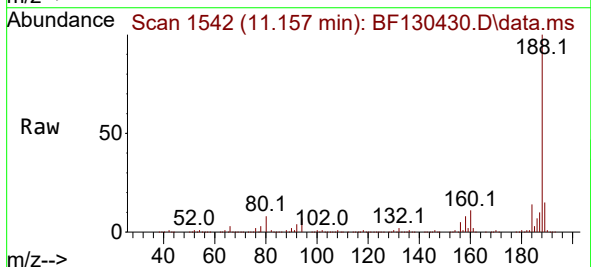
Instrument :
BNA_F
ClientSampleId :
FREEMAN-ST

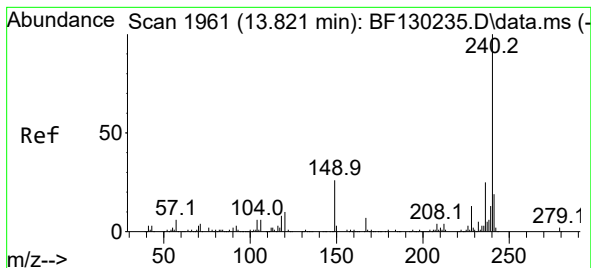
Tgt Ion:165 Resp: 33149
Ion Ratio Lower Upper
165 100
63 0.8 44.7 67.1#
89 0.9 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BF130430.D
Acq: 27 Sep 2022 18:01

Tgt Ion:188 Resp: 449556
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 7.9 7.9 11.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1961

Delta R.T. -0.012 min

Lab File: BF130430.D

Acq: 27 Sep 2022 18:01

Instrument :

BNA_F

ClientSampleId :

FREEMAN-ST

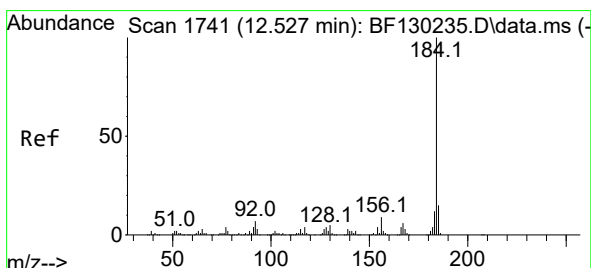
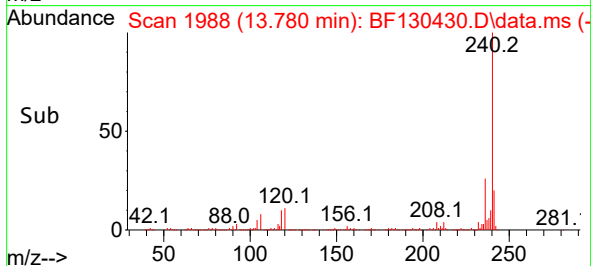
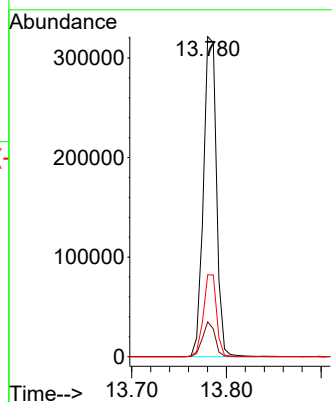
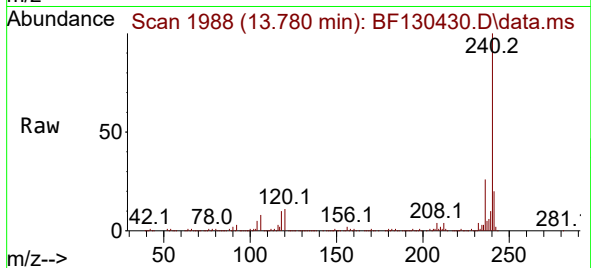
Tgt Ion:240 Resp: 309729

Ion Ratio Lower Upper

240 100

120 10.9 8.7 13.1

236 25.6 20.9 31.3



#77

Benzidine

Concen: 2.048 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.247 min

Lab File: BF130430.D

Acq: 27 Sep 2022 18:01

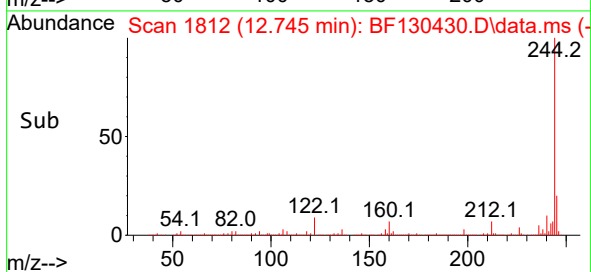
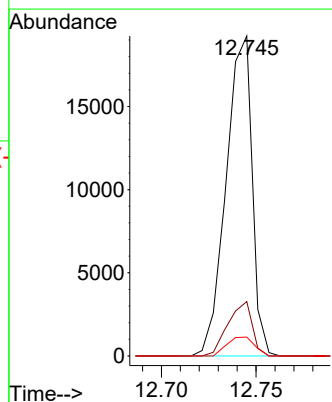
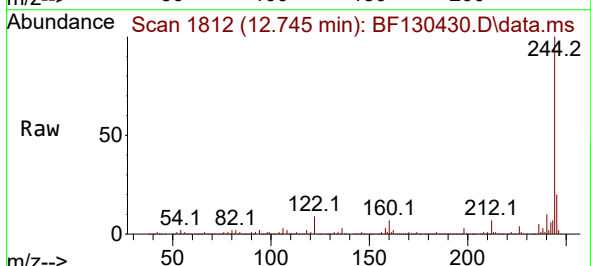
Tgt Ion:184 Resp: 18418

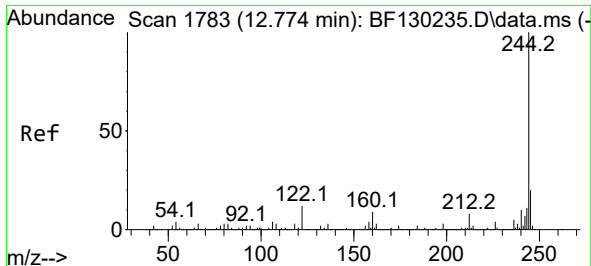
Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.6

183 5.9 9.1 13.7#

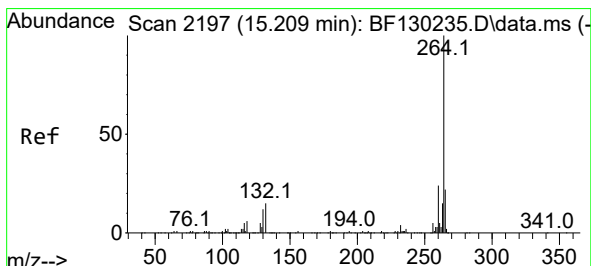
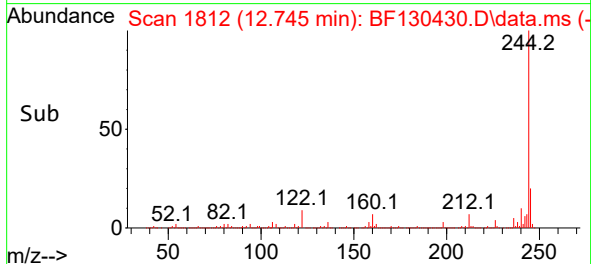
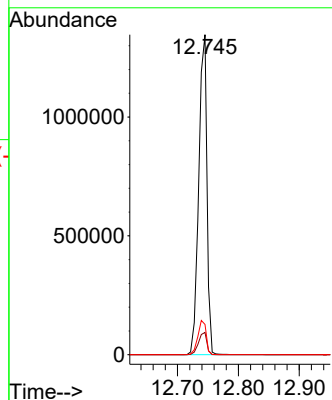
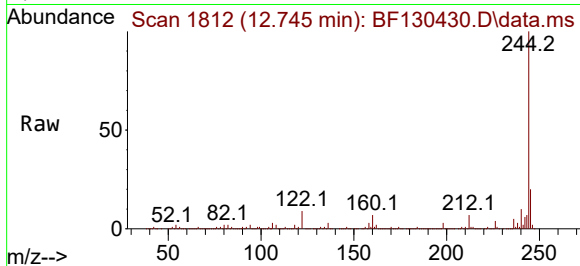




#79
 Terphenyl-d14
 Concen: 67.150 ng
 RT: 12.745 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130430.D
 Acq: 27 Sep 2022 18:01

Instrument :
 BNA_F
 ClientSampleId :
 FREEMAN-ST

Tgt Ion:244 Resp: 1255560
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130430.D
 Acq: 27 Sep 2022 18:01

Tgt Ion:264 Resp: 241524
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.5 17.0 25.4

