

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130790.D
 Acq On : 26 Oct 2022 18:57
 Operator : CG\JU
 Sample : N5281-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Quant Time: Oct 27 09:05:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

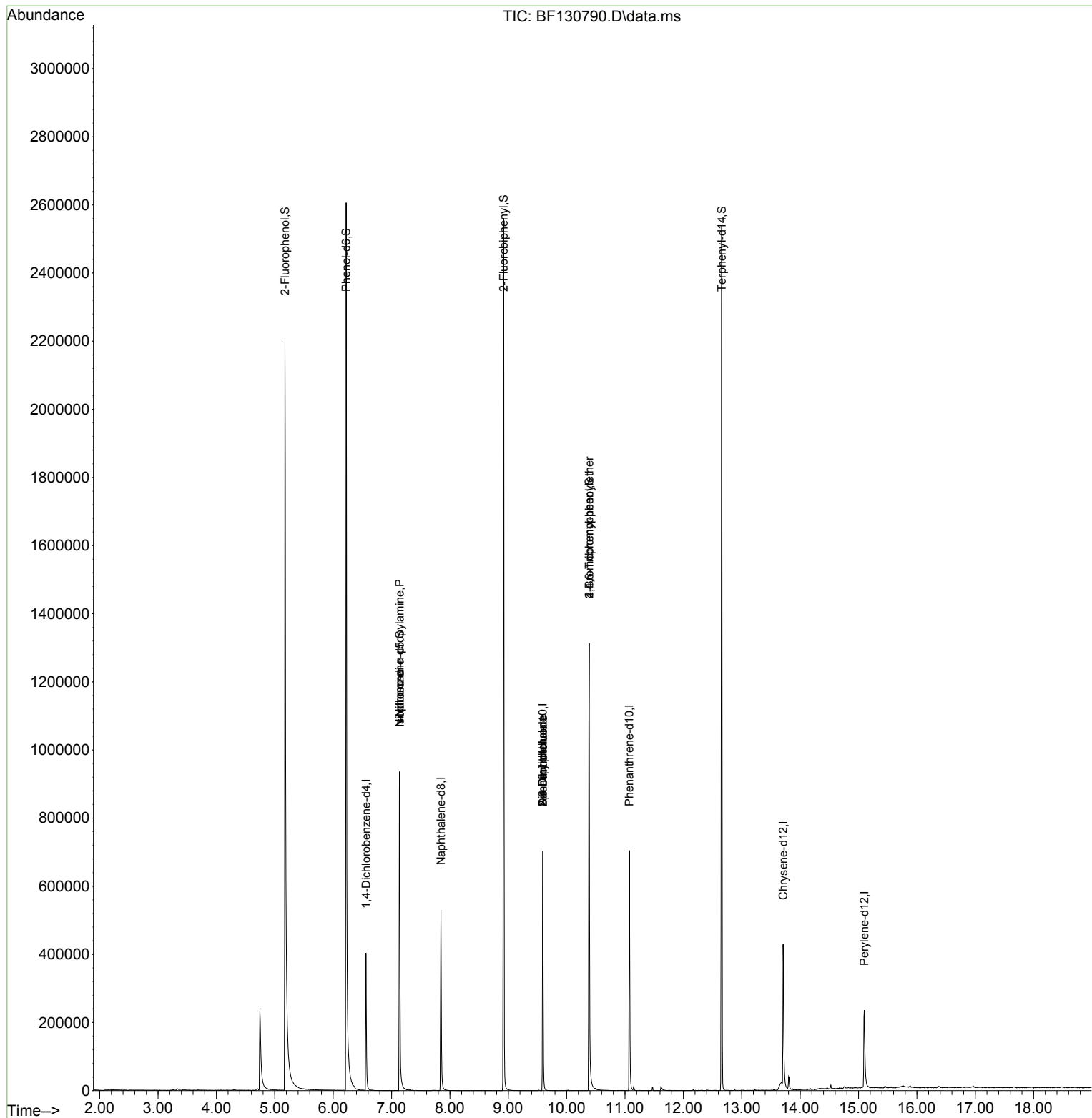
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	62554	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	258577	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	144110	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	257134	20.000	ng	0.00
76) Chrysene-d12	13.710	240	157593	20.000	ng	0.00
86) Perylene-d12	15.098	264	123867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	897956	247.536	ng	0.00
7) Phenol-d6	6.222	99	1006829	229.395	ng	0.00
23) Nitrobenzene-d5	7.139	82	344343	70.643	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	181957	132.769	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	744830	78.764	ng	0.00
79) Terphenyl-d14	12.657	244	822509	87.953	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	46331	15.622	ng	# 75
25) Isophorone	7.139	82	344343	42.876	ng	# 65
50) Dimethylphthalate	9.592	163	26152	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18171	8.371	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18171	6.214	ng	# 27
67) 4-Bromophenyl-phenylether	10.386	248	10658	3.446	ng	# 1
77) Benzidine	12.657	184	10964	Below Cal		# 93

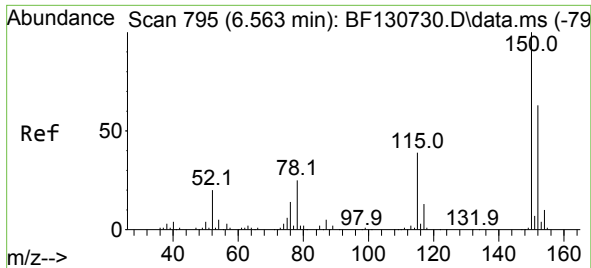
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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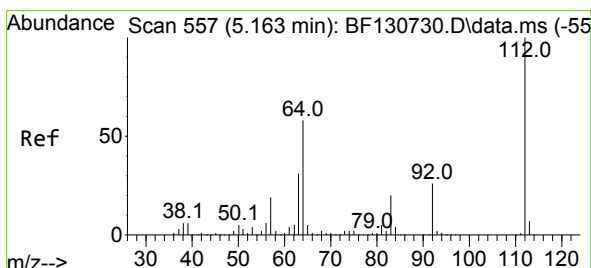
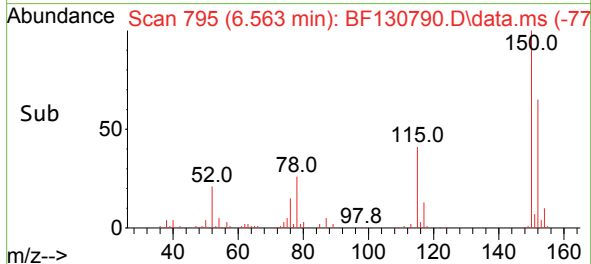
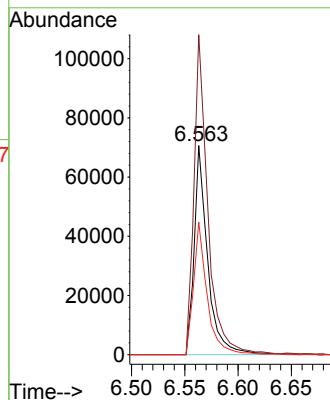
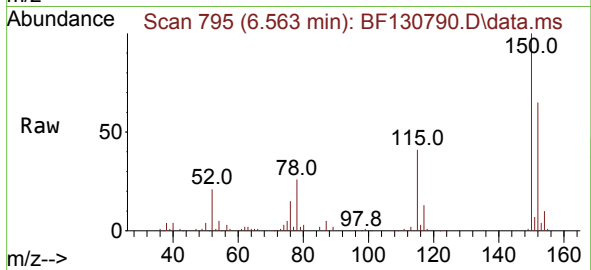




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

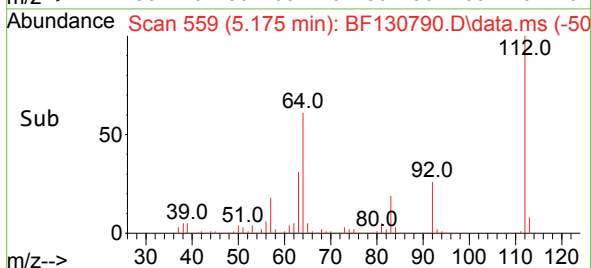
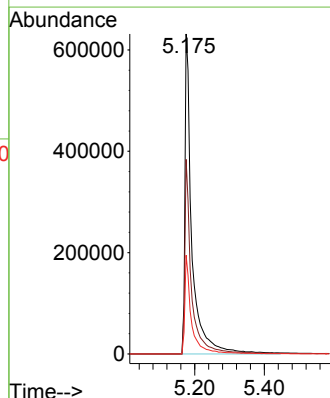
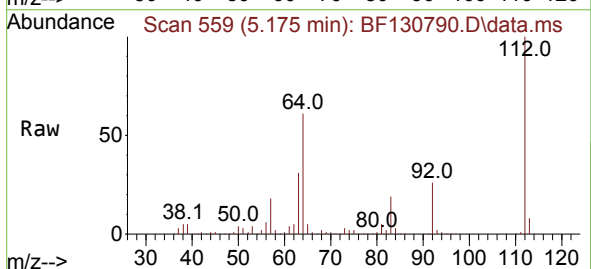
Instrument :
BNA_F
ClientSampleId :
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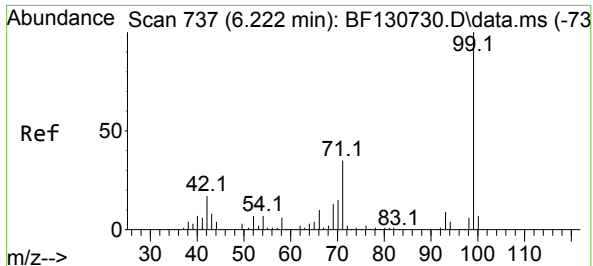
Tgt Ion:152 Resp: 62554
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 247.536 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

Tgt Ion:112 Resp: 897956
Ion Ratio Lower Upper
112 100
64 60.8 46.2 69.4
63 30.9 25.1 37.7

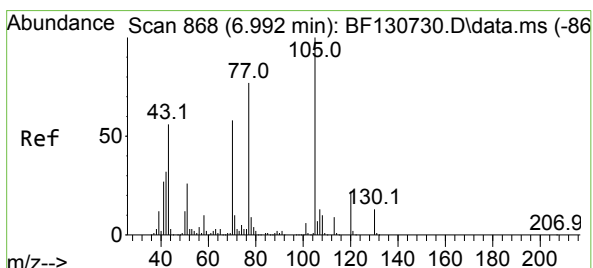
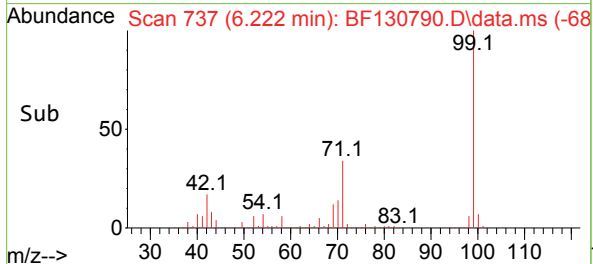
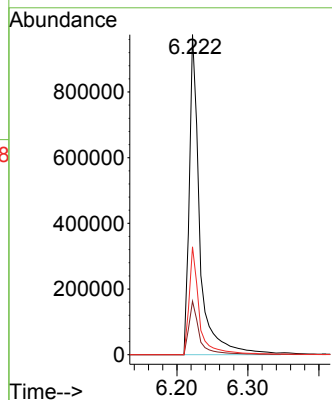
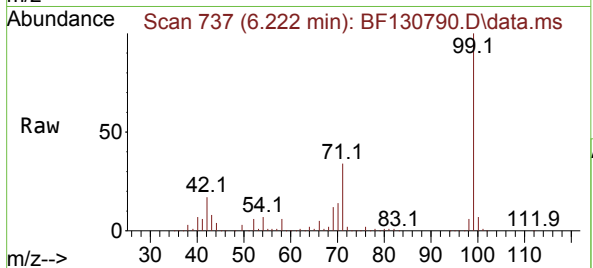




#7
Phenol-d6
Concen: 229.395 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

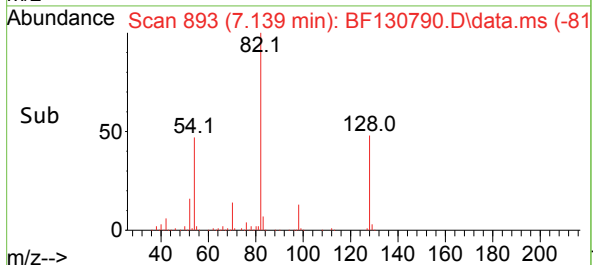
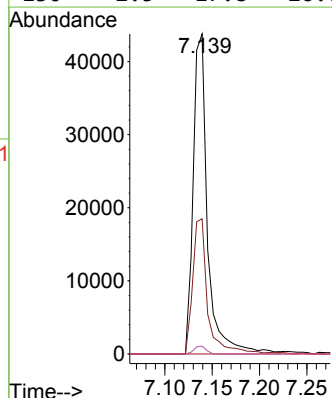
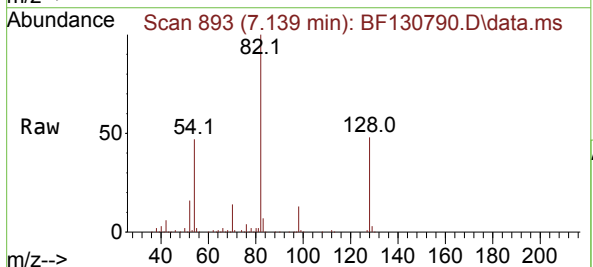
Instrument :
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ClientSampleId :
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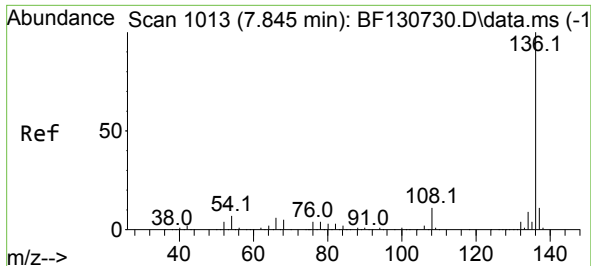
Tgt Ion: 99 Resp: 1006829
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.8
71 33.7 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.622 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

Tgt Ion: 70 Resp: 46331
Ion Ratio Lower Upper
70 100
42 42.2 44.1 66.1#
101 0.0 8.3 12.5#
130 2.5 17.8 26.6#

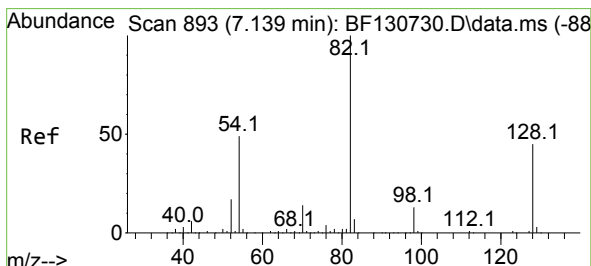
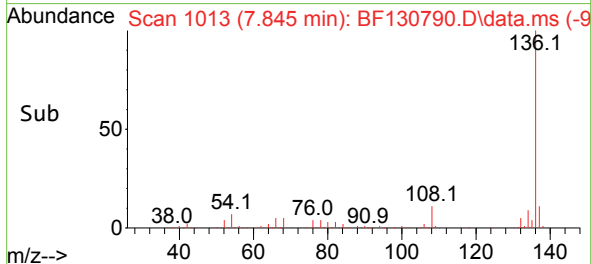
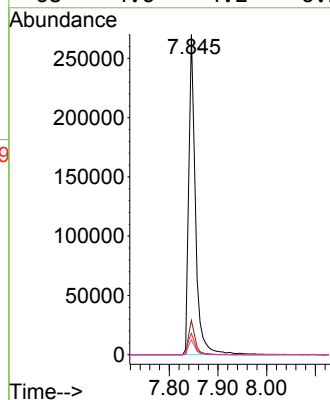
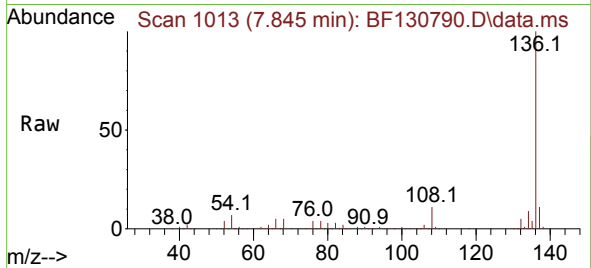




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

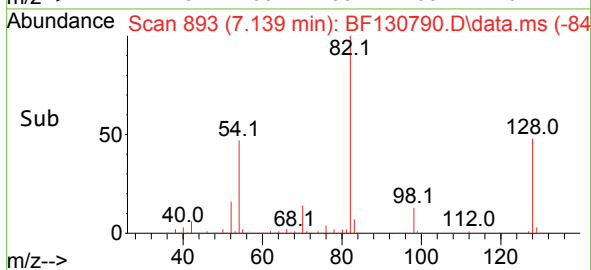
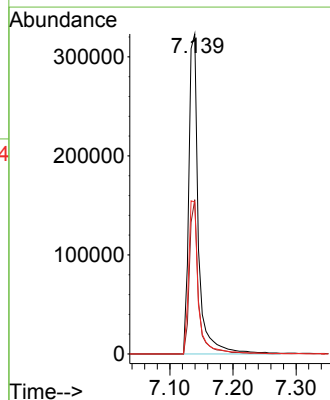
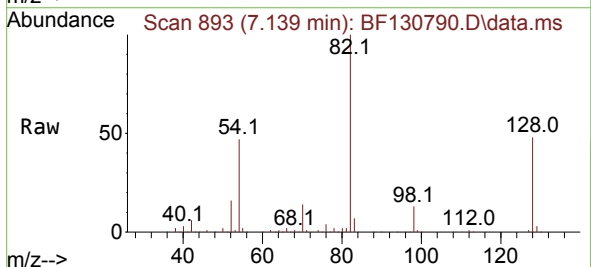
Instrument :
BNA_F
ClientSampleId :
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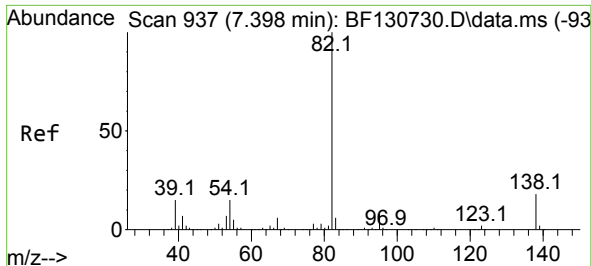
Tgt Ion:136 Resp: 258577
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.7 5.8 8.8
68 4.6 4.2 6.2



#23
Nitrobenzene-d5
Concen: 70.643 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

Tgt Ion: 82 Resp: 344343
Ion Ratio Lower Upper
82 100
128 48.2 35.9 53.9
54 47.5 39.2 58.8

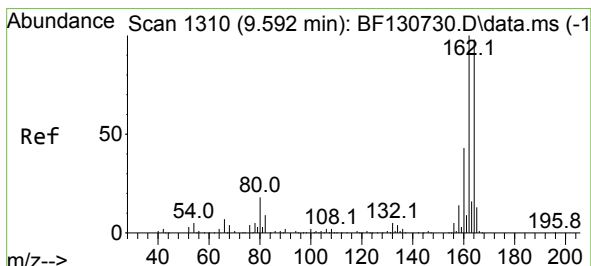
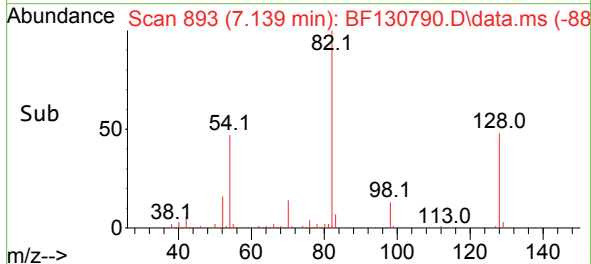
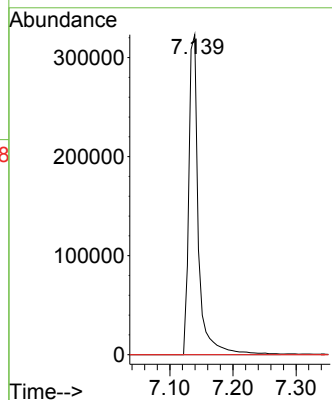
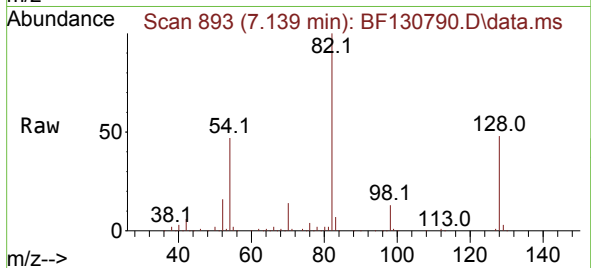




#25
Isophorone
Concen: 42.876 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

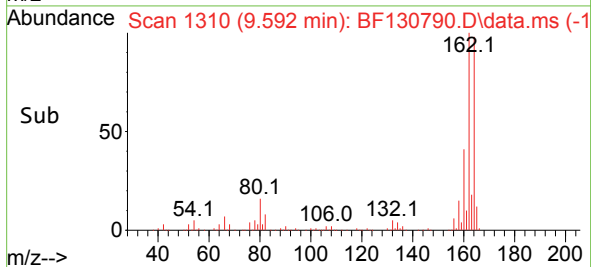
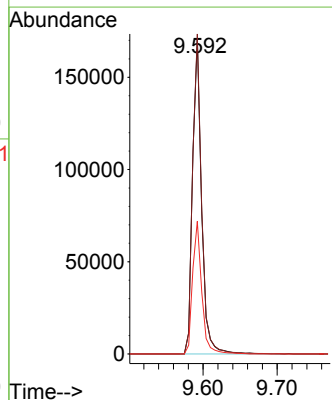
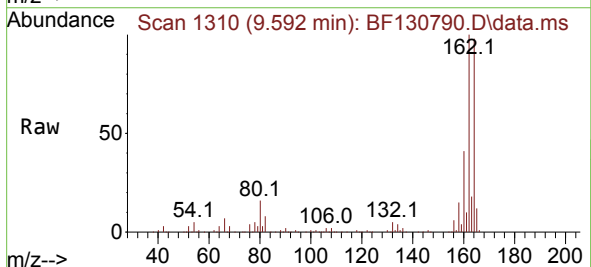
Instrument :
BNA_F
ClientSampleId :
SB-8

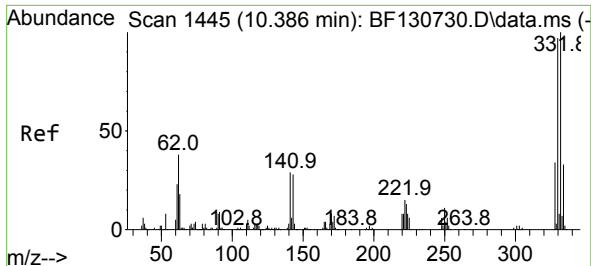
Tgt Ion: 82 Resp: 344343
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

Tgt Ion:164 Resp: 144110
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 42.1 35.0 52.4

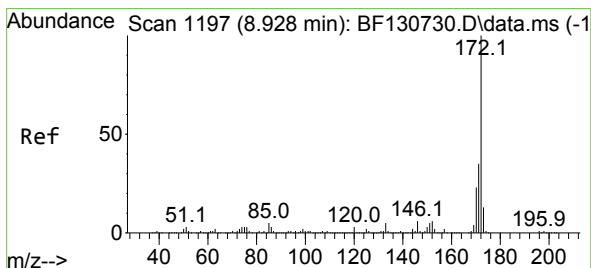
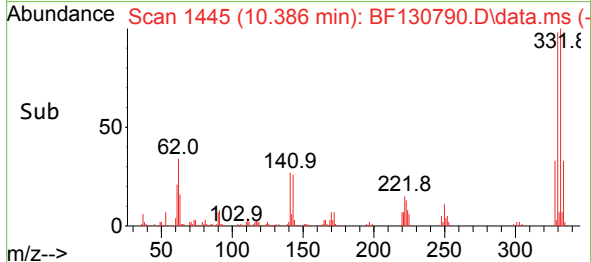
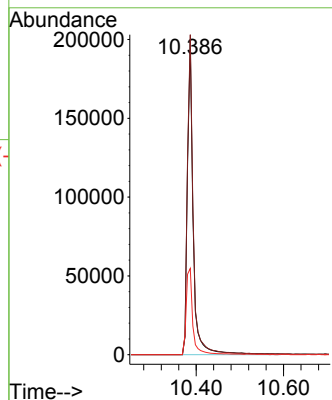
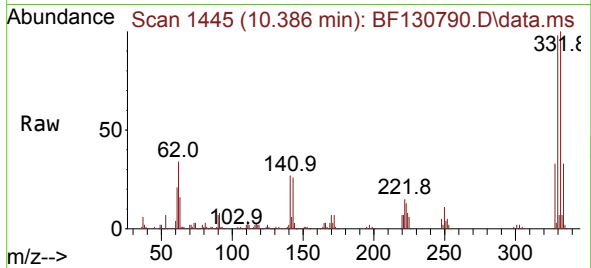




#42
2,4,6-Tribromophenol
Concen: 132.769 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

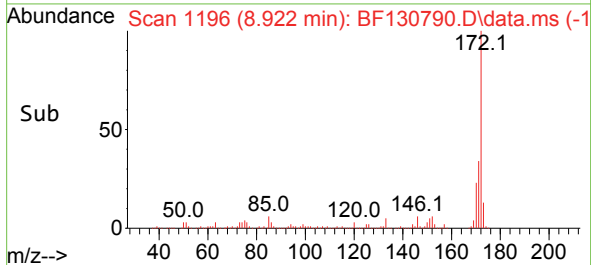
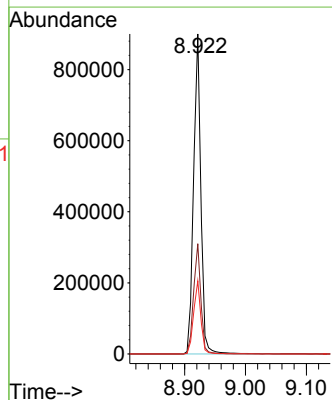
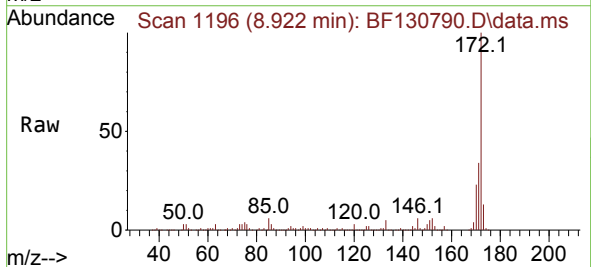
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ClientSampleId :
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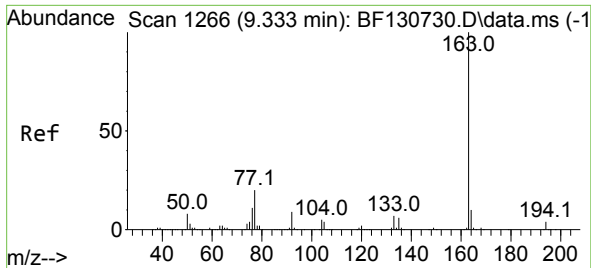
Tgt Ion:330 Resp: 181957
Ion Ratio Lower Upper
330 100
332 102.5 81.4 122.2
141 31.4 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 78.764 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

Tgt Ion:172 Resp: 744830
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.9 18.5 27.7

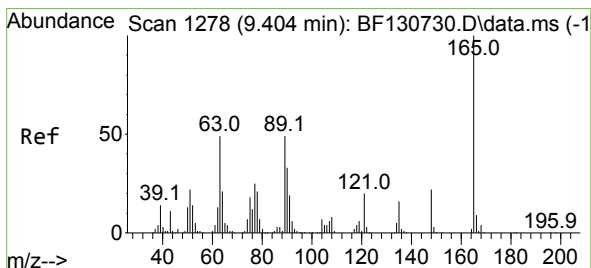
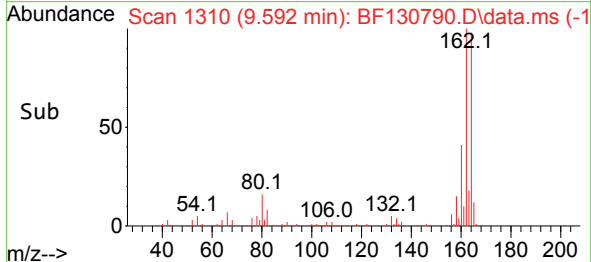
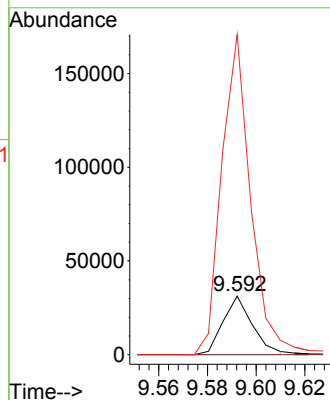
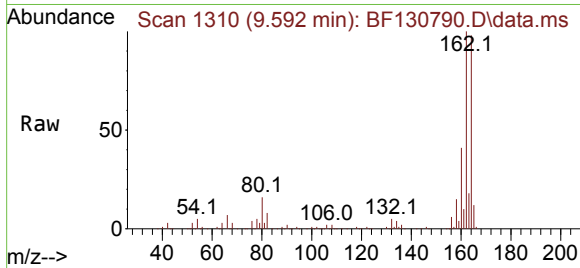




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

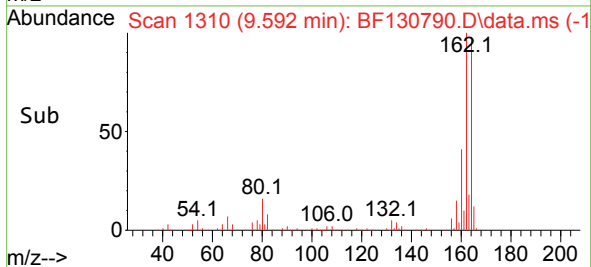
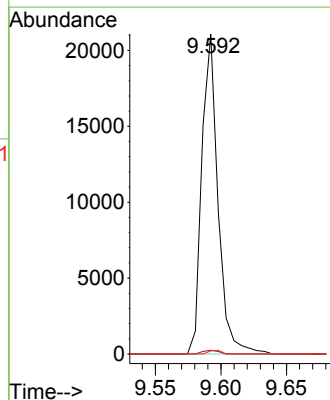
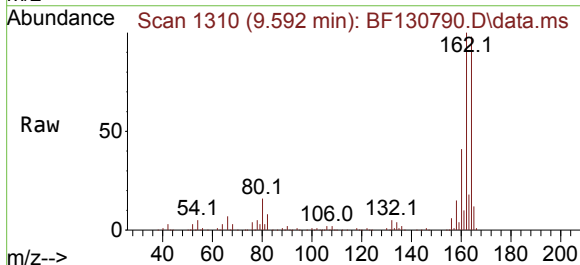
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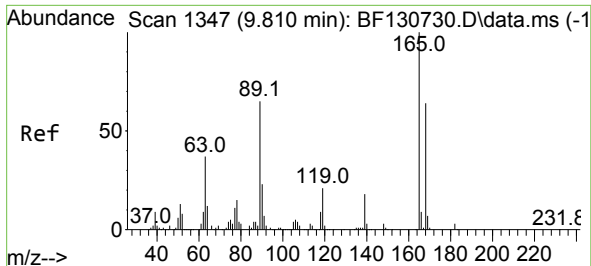
Tgt Ion:163 Resp: 26152
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 546.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.371 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

Tgt Ion:165 Resp: 18171
Ion Ratio Lower Upper
165 100
63 1.2 38.8 58.2#
89 1.0 39.4 59.2#

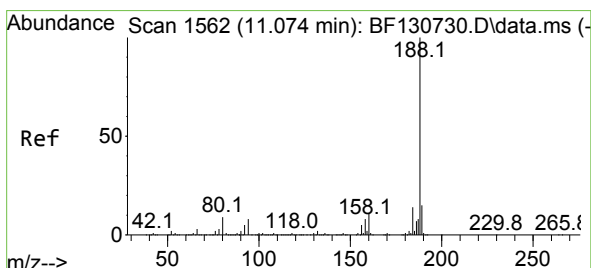
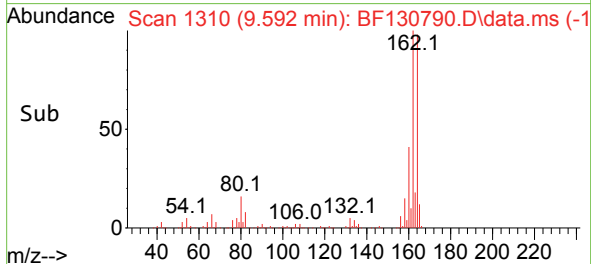
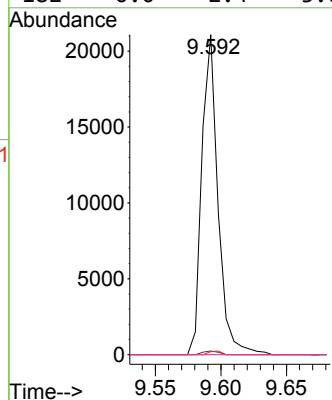
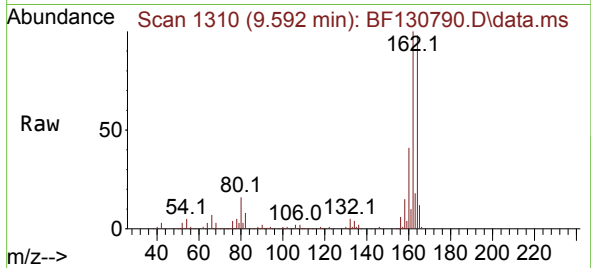




#57
2,4-Dinitrotoluene
Concen: 6.214 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.218 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

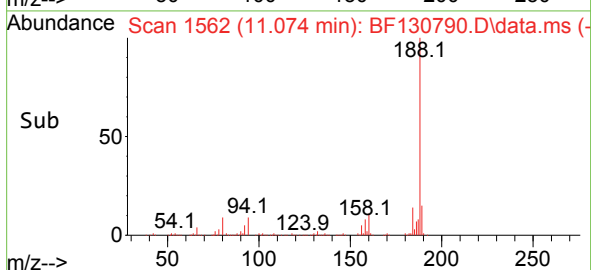
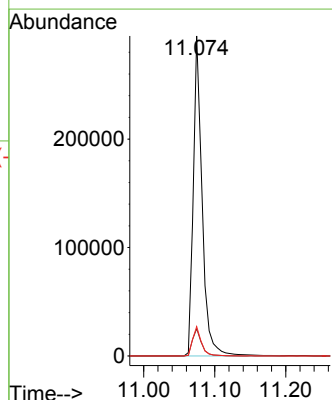
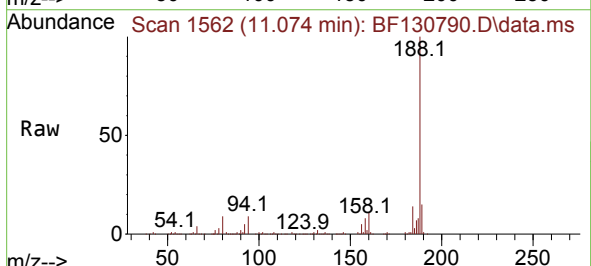
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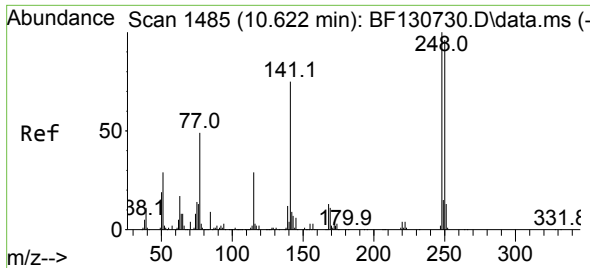
Tgt Ion:165 Resp: 18171
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.0 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

Tgt Ion:188 Resp: 257134
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.2 7.4 11.0

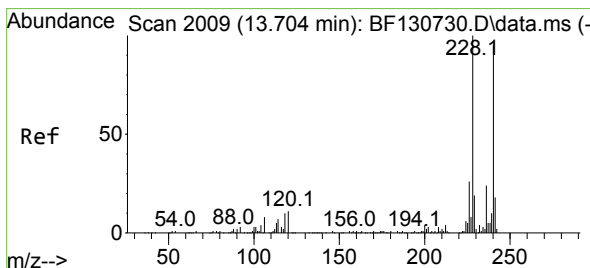
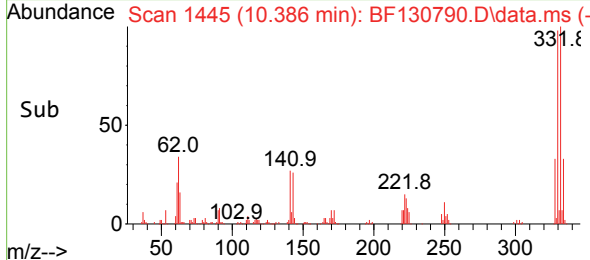
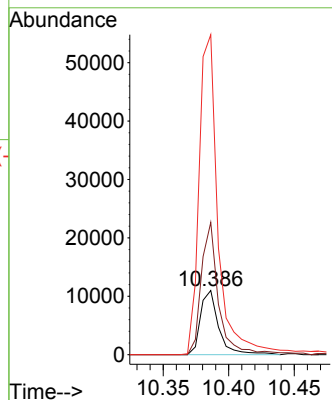
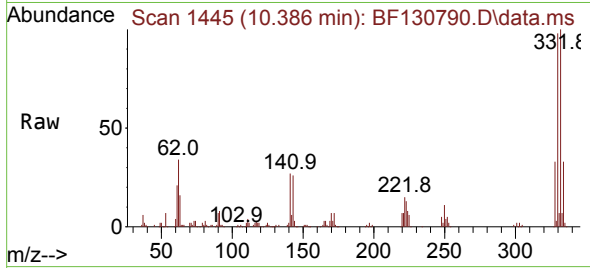




#67
4-Bromophenyl-phenylether
Concen: 3.446 ng
RT: 10.386 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

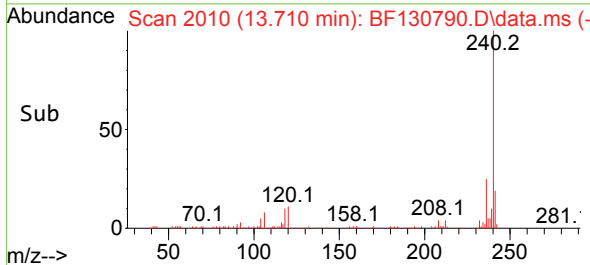
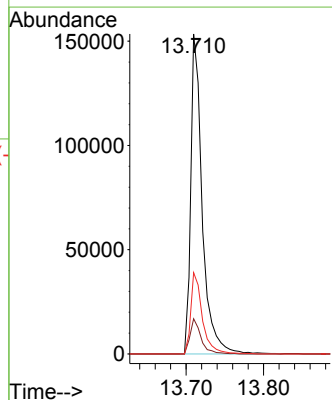
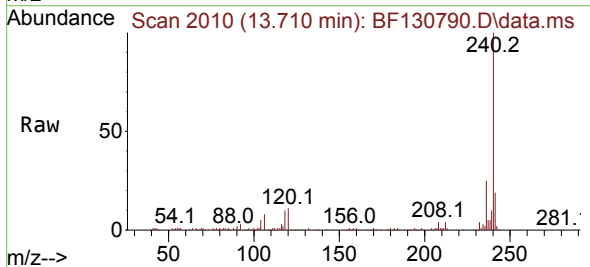
Instrument :
BNA_F
ClientSampleId :
SB-8

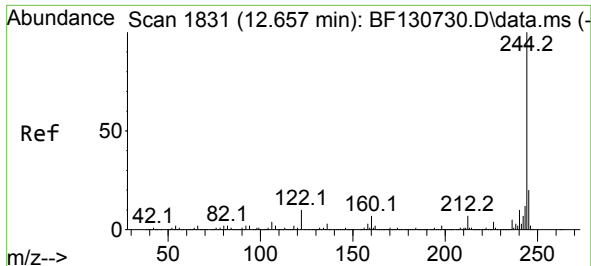
Tgt Ion:248 Resp: 10658
Ion Ratio Lower Upper
248 100
250 206.3 77.0 115.6#
141 498.9 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130790.D
Acq: 26 Oct 2022 18:57

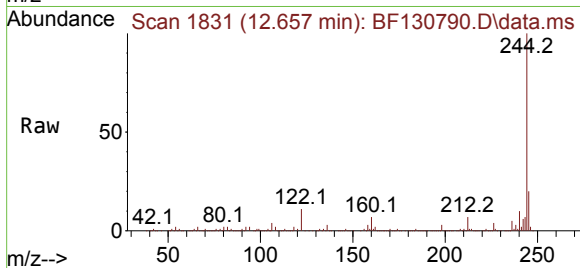
Tgt Ion:240 Resp: 157593
Ion Ratio Lower Upper
240 100
120 11.0 9.6 14.4
236 25.4 20.2 30.2



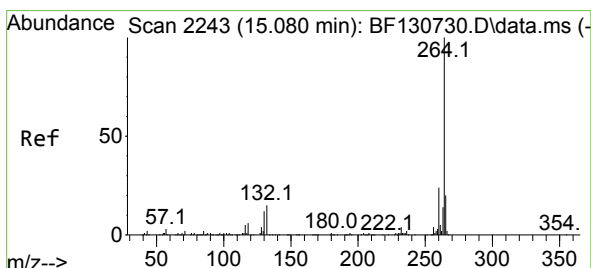
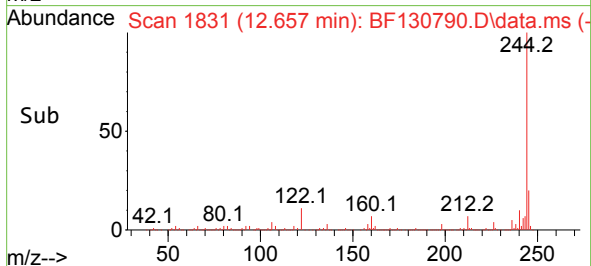
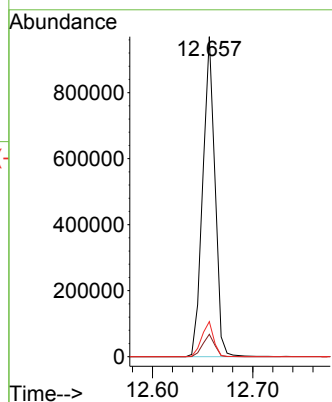


#79
 Terphenyl-d14
 Concen: 87.953 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130790.D
 Acq: 26 Oct 2022 18:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-8



Tgt Ion:244 Resp: 822509
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.9 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF130790.D
 Acq: 26 Oct 2022 18:57

Tgt Ion:264 Resp: 123867
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.2 16.2 24.4

