

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130797.D
 Acq On : 26 Oct 2022 22:52
 Operator : CG\JU
 Sample : N5281-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Oct 27 09:07:22 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)

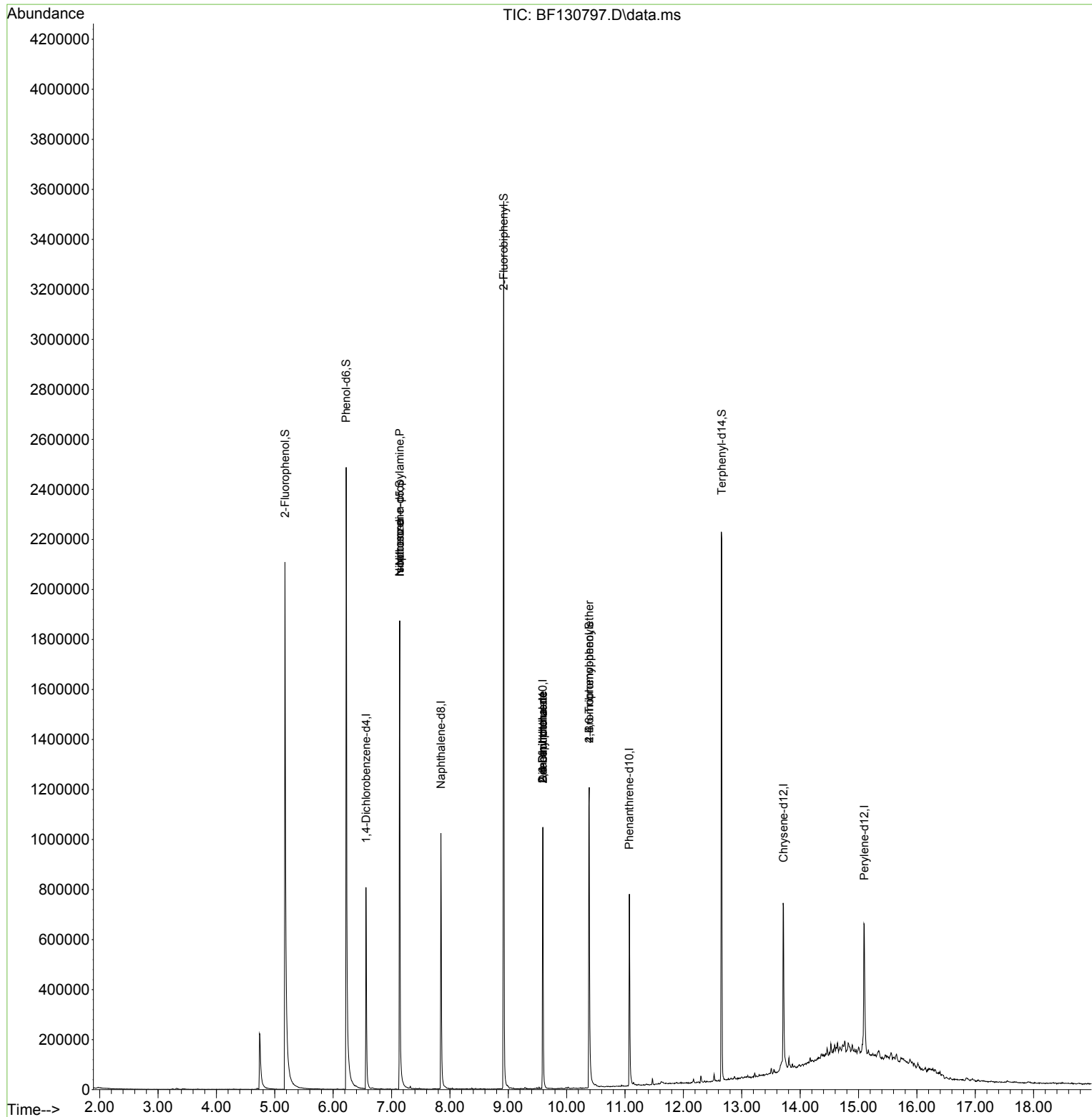
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	124635	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	484236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.592	164	218098	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	287353	20.000	ng	# 0.00
76) Chrysene-d12	13.715	240	248125	20.000	ng	0.00
86) Perylene-d12	15.098	264	250536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	872091	120.659	ng	0.00
7) Phenol-d6	6.222	99	1053661	120.488	ng	0.00
23) Nitrobenzene-d5	7.139	82	634024	69.457	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	174605	84.183	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1074772	75.098	ng	0.00
79) Terphenyl-d14	12.657	244	768739	52.210	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	80150	13.564	ng	# 75
25) Isophorone	7.139	82	634024	42.156	ng	# 65
50) Dimethylphthalate	9.592	163	39030	2.661	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	27982	8.518	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	27982	6.323	ng	# 28
67) 4-Bromophenyl-phenylether	10.386	248	10765	3.114	ng	# 1
77) Benzidine	12.651	184	10717	Below Cal		# 91

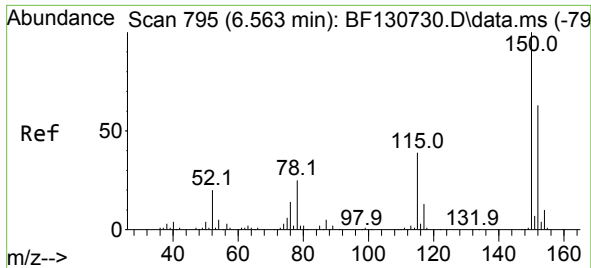
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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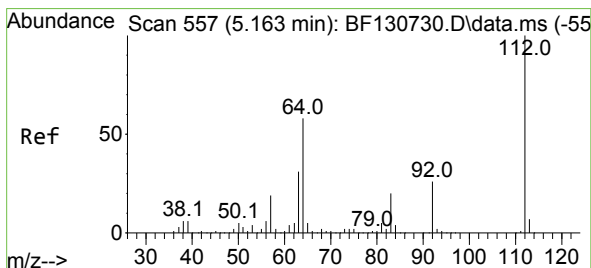
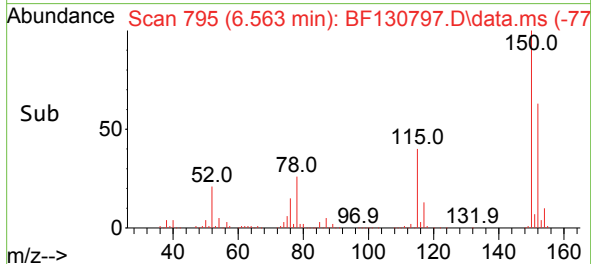
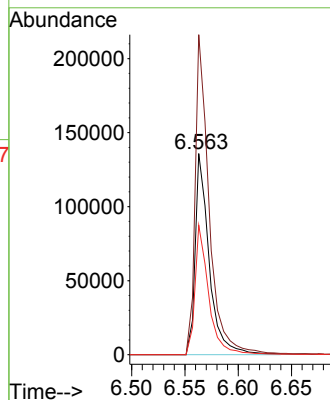
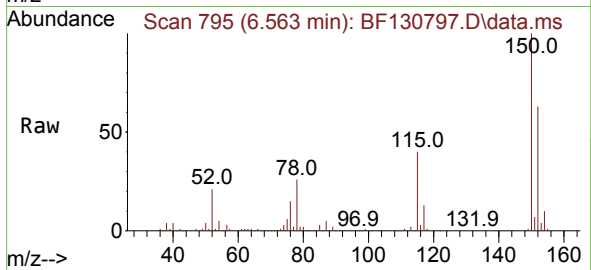




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

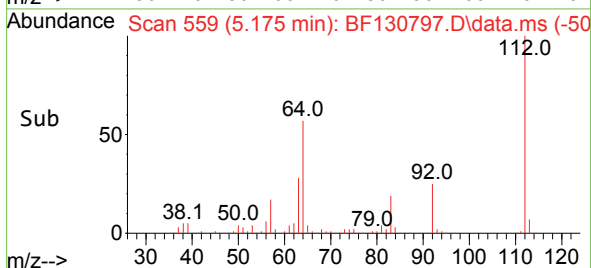
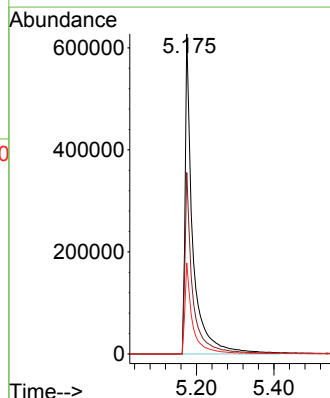
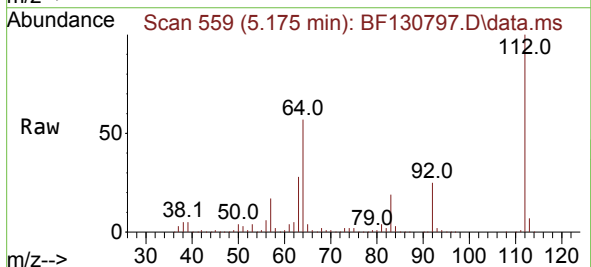
Instrument :
BNA_F
ClientSampleId :
SB-7

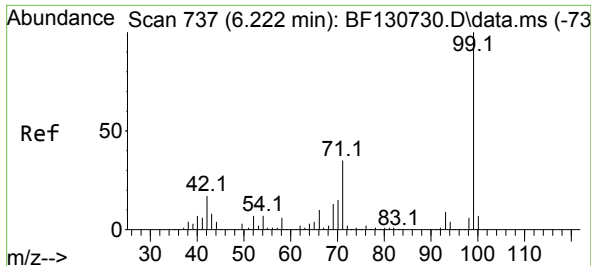
Tgt Ion:152 Resp: 124635
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 64.4 49.9 74.9



#5
2-Fluorophenol
Concen: 120.659 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

Tgt Ion:112 Resp: 872091
Ion Ratio Lower Upper
112 100
64 56.7 46.2 69.4
63 28.5 25.1 37.7

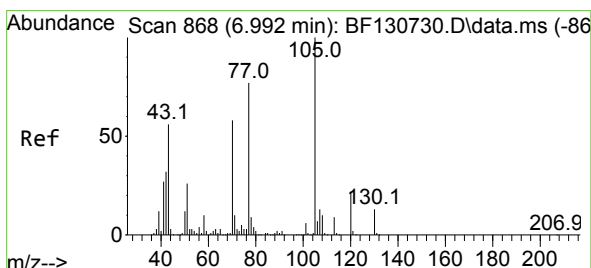
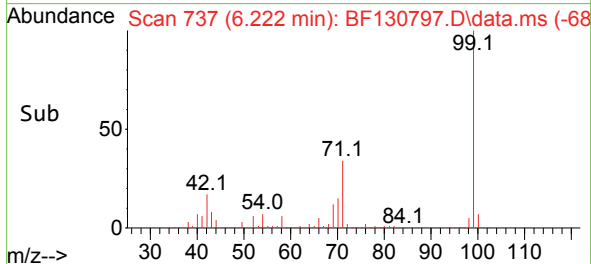
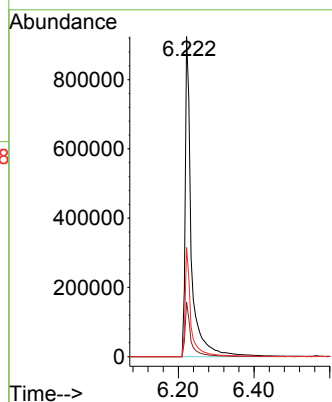
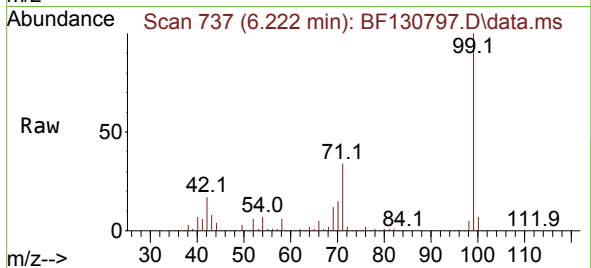




#7
Phenol-d6
Concen: 120.488 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

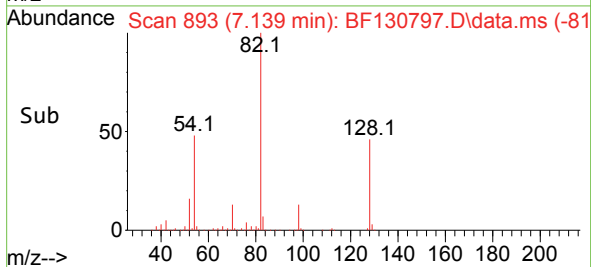
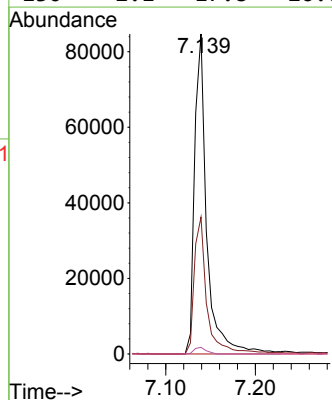
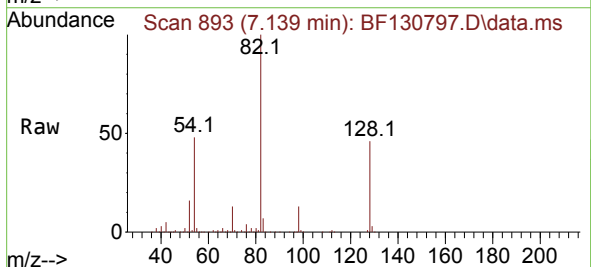
Instrument :
BNA_F
ClientSampleId :
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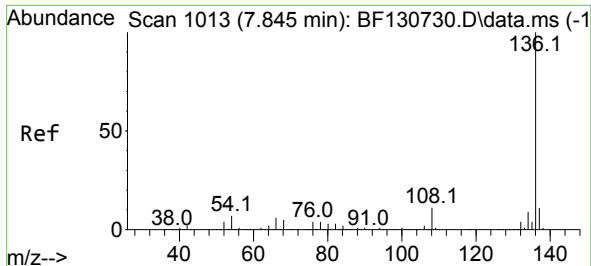
Tgt Ion: 99 Resp: 1053661
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 34.1 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.564 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

Tgt Ion: 70 Resp: 80150
Ion Ratio Lower Upper
70 100
42 42.7 44.1 66.1#
101 0.0 8.3 12.5#
130 2.1 17.8 26.6#

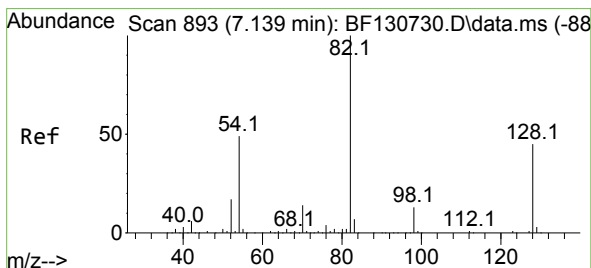
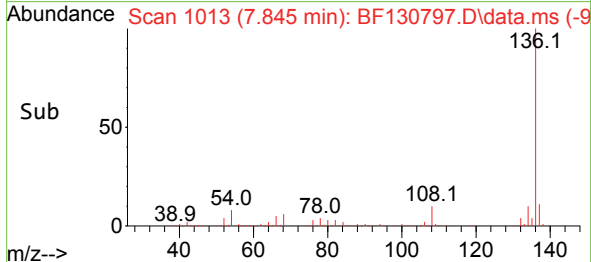
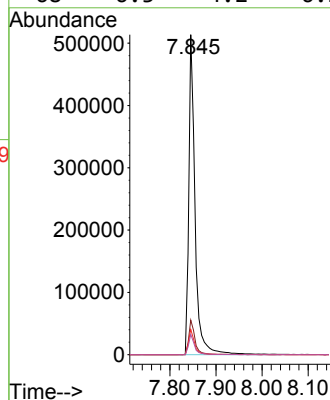
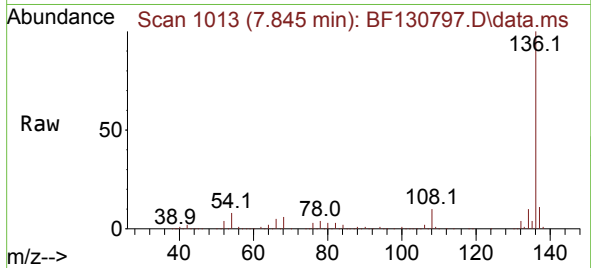




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

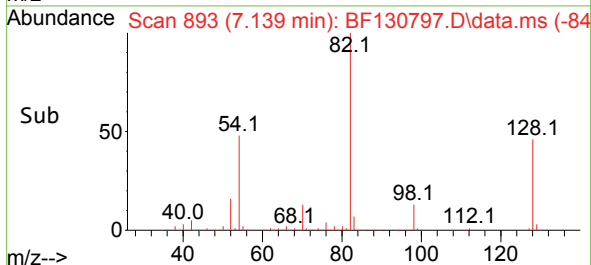
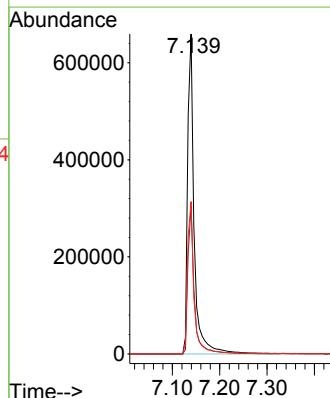
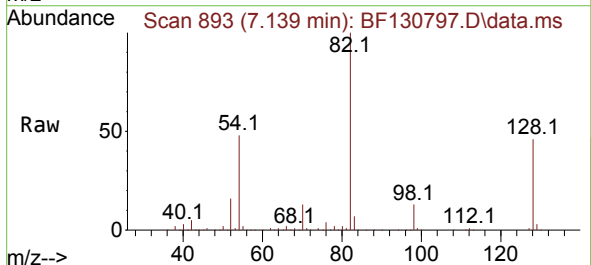
Instrument :
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ClientSampleId :
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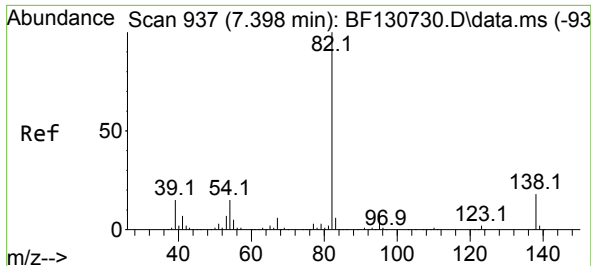
Tgt Ion:136 Resp: 484236
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.9 5.8 8.8
68 6.3 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 69.457 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

Tgt Ion: 82 Resp: 634024
Ion Ratio Lower Upper
82 100
128 46.2 35.9 53.9
54 47.7 39.2 58.8

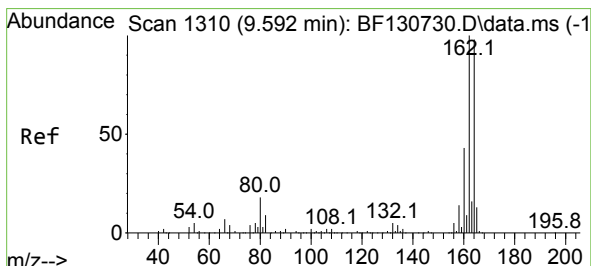
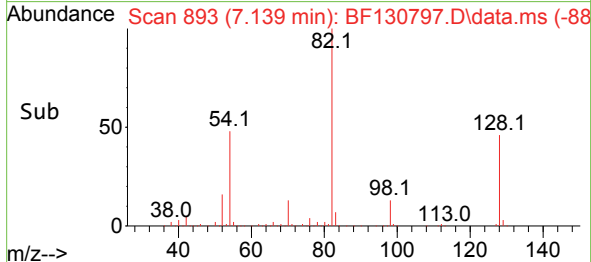
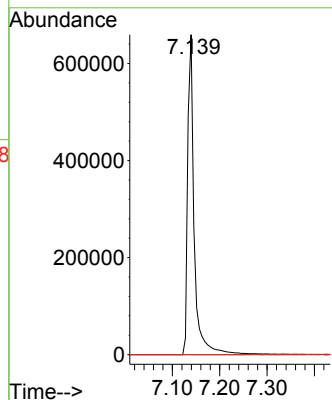
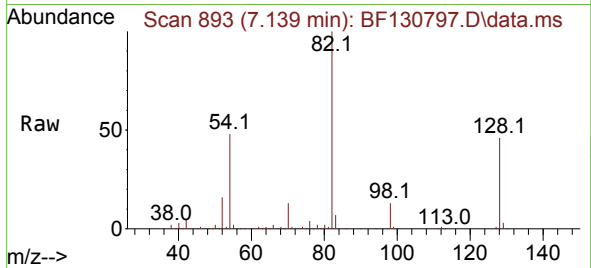




#25
Isophorone
Concen: 42.156 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

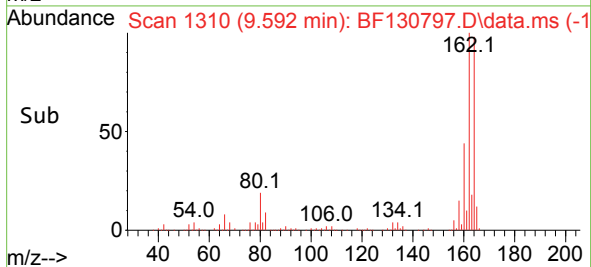
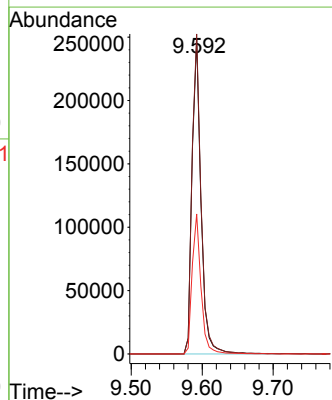
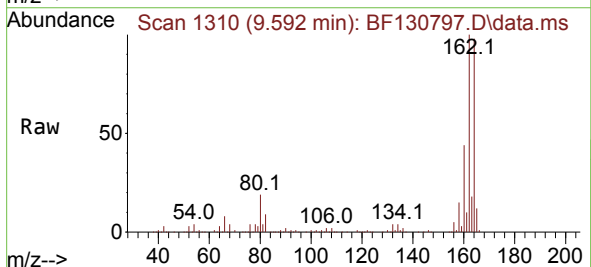
Instrument :
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ClientSampleId :
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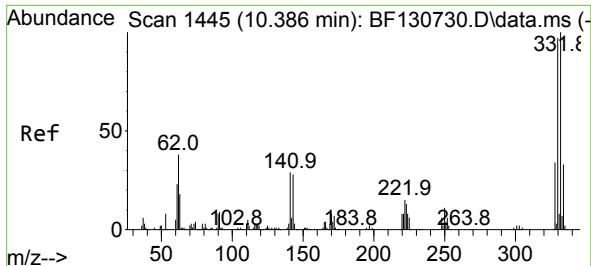
Tgt Ion: 82 Resp: 634024
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

Tgt Ion:164 Resp: 218098
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.5 35.0 52.4

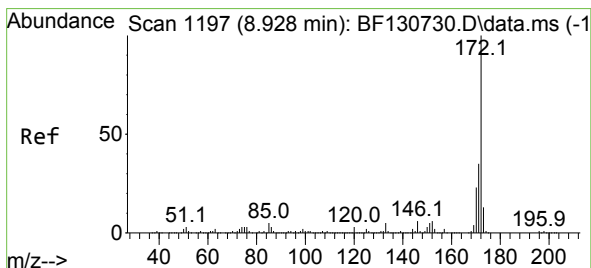
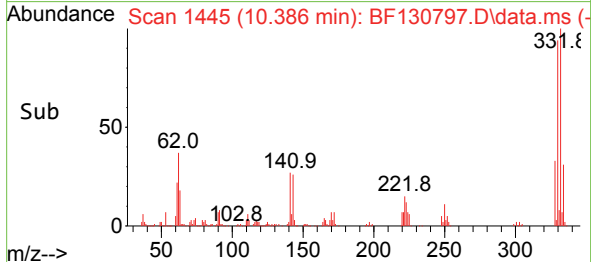
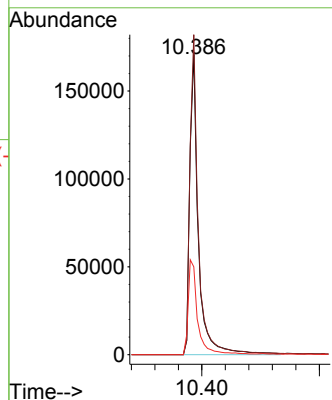
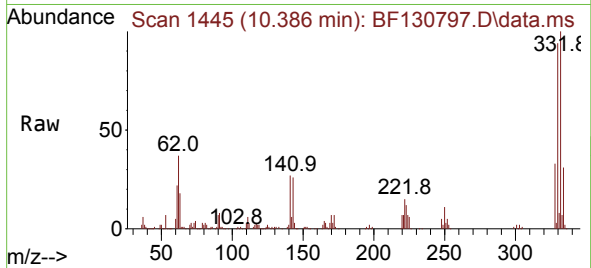




#42
2,4,6-Tribromophenol
Concen: 84.183 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

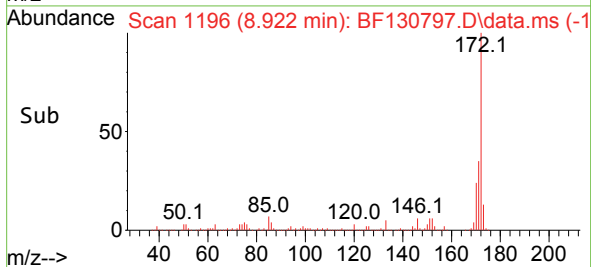
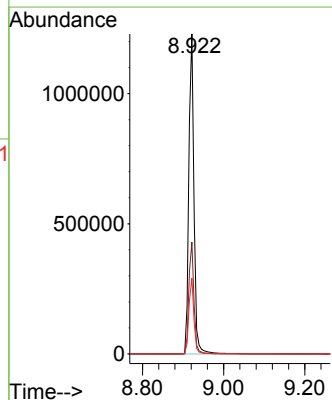
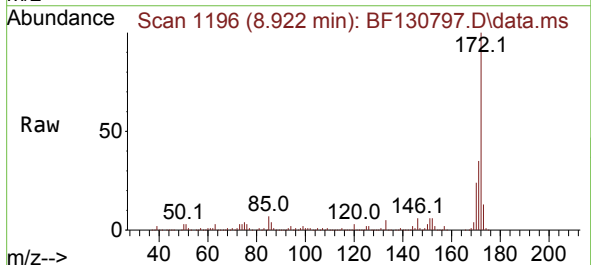
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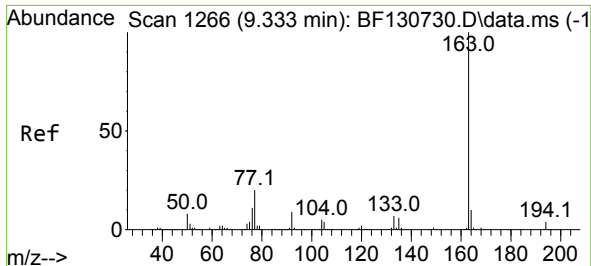
Tgt Ion:330 Resp: 174605
Ion Ratio Lower Upper
330 100
332 105.1 81.4 122.2
141 34.5 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 75.098 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

Tgt Ion:172 Resp: 1074772
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.7 18.5 27.7





#50

Dimethylphthalate

Concen: 2.661 ng

RT: 9.592 min Scan# 1310

Delta R.T. 0.259 min

Lab File: BF130797.D

Acq: 26 Oct 2022 22:52

Instrument :

BNA_F

ClientSampleId :

SB-7

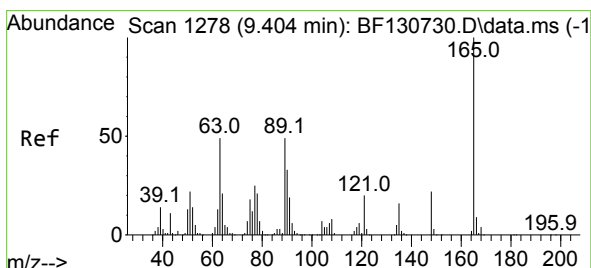
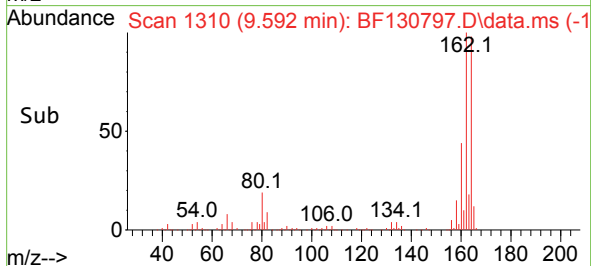
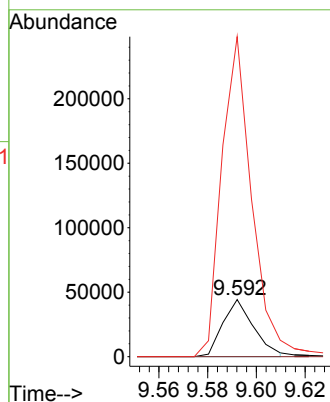
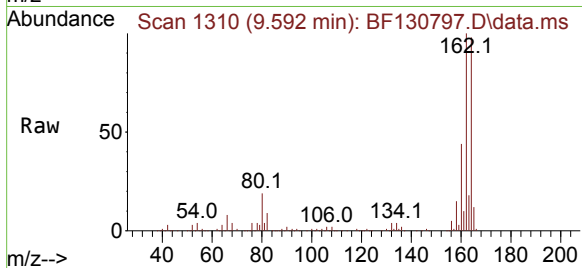
Tgt Ion:163 Resp: 39030

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 560.0 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.518 ng

RT: 9.592 min Scan# 1310

Delta R.T. 0.188 min

Lab File: BF130797.D

Acq: 26 Oct 2022 22:52

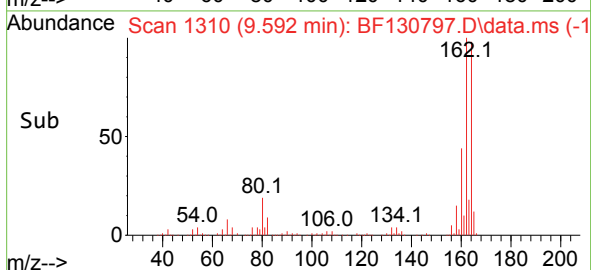
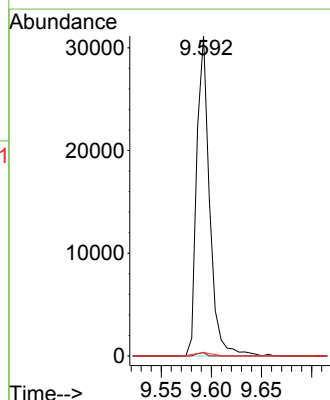
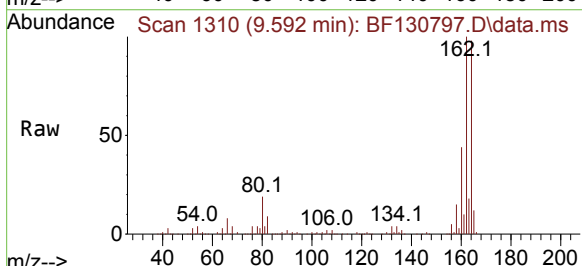
Tgt Ion:165 Resp: 27982

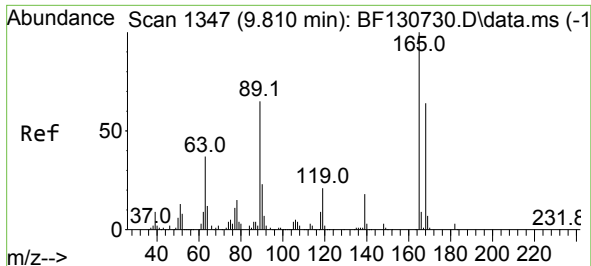
Ion Ratio Lower Upper

165 100

63 1.0 38.8 58.2#

89 1.2 39.4 59.2#

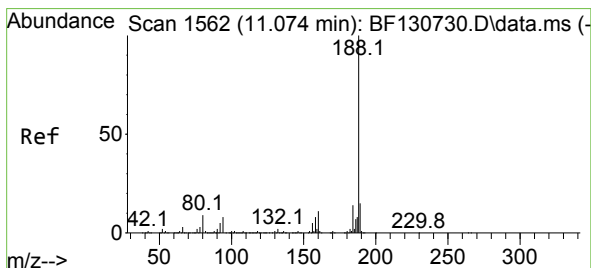
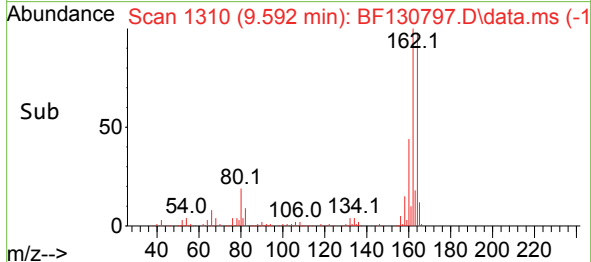
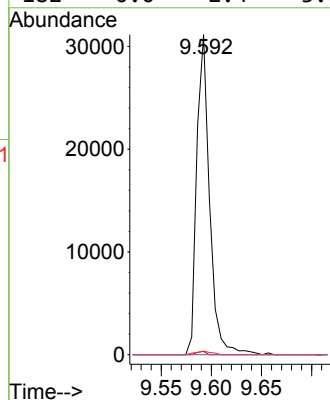
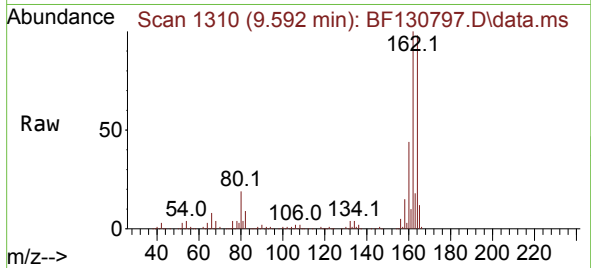




#57
2,4-Dinitrotoluene
Concen: 6.323 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

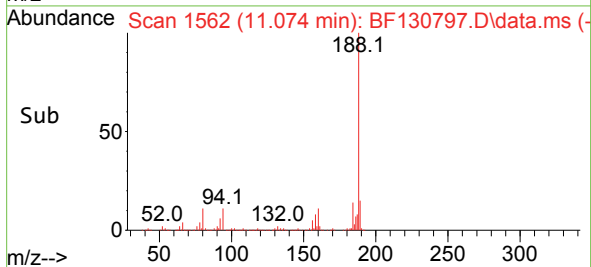
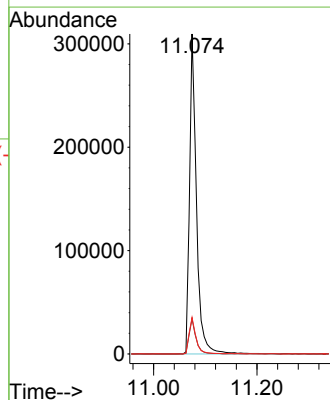
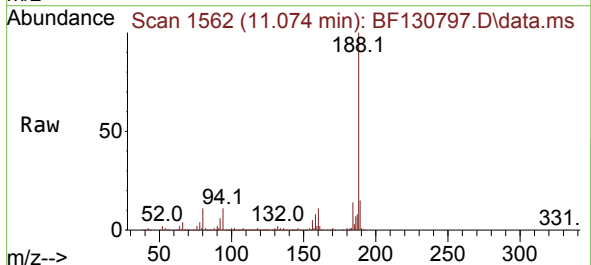
Instrument :
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ClientSampleId :
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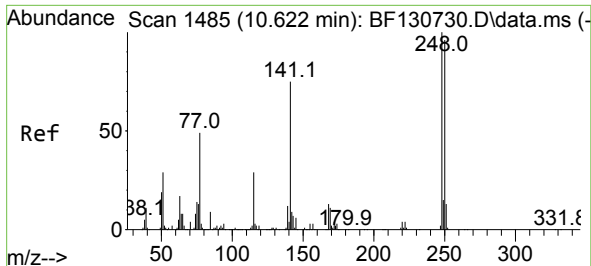
Tgt Ion:165 Resp: 27982
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.2 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

Tgt Ion:188 Resp: 287353
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 11.4 7.4 11.0#

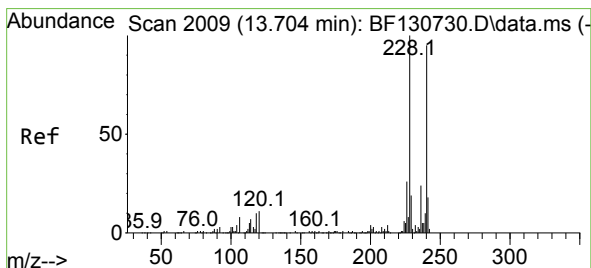
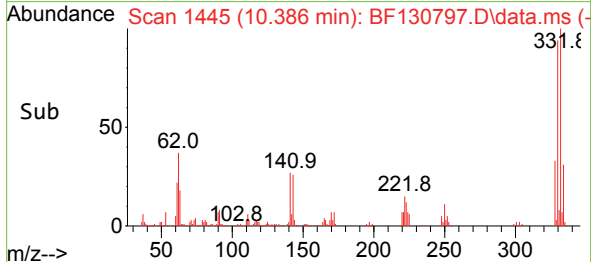
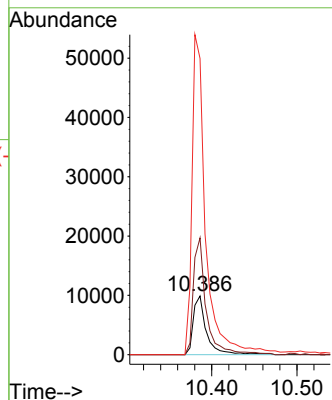
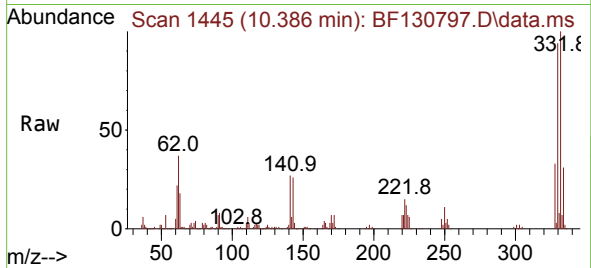




#67
4-Bromophenyl-phenylether
Concen: 3.114 ng
RT: 10.386 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

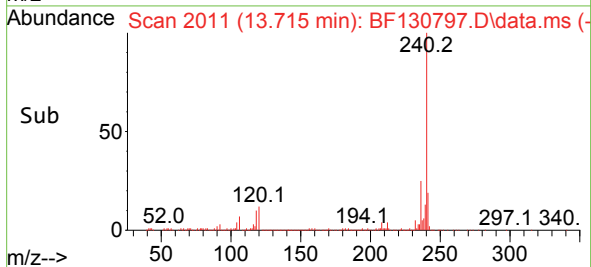
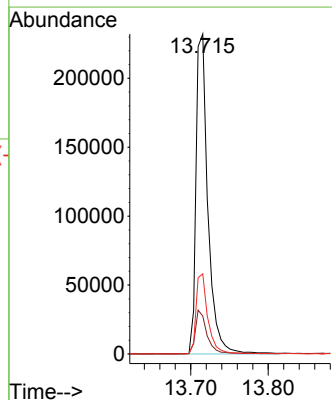
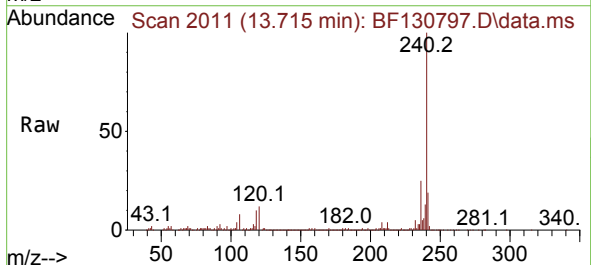
Instrument :
BNA_F
ClientSampleId :
SB-7

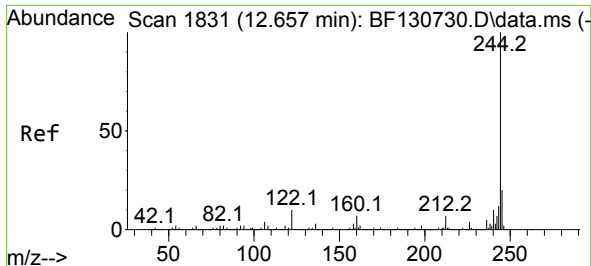
Tgt Ion:248 Resp: 10765
Ion Ratio Lower Upper
248 100
250 199.0 77.0 115.6#
141 504.9 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF130797.D
Acq: 26 Oct 2022 22:52

Tgt Ion:240 Resp: 248125
Ion Ratio Lower Upper
240 100
120 11.8 9.6 14.4
236 25.0 20.2 30.2

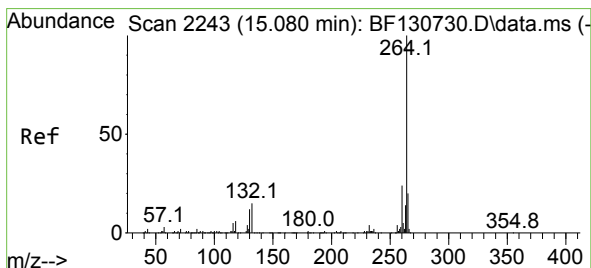
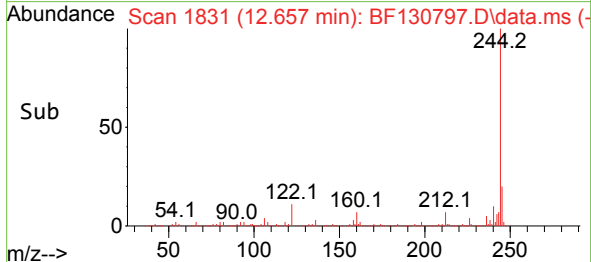
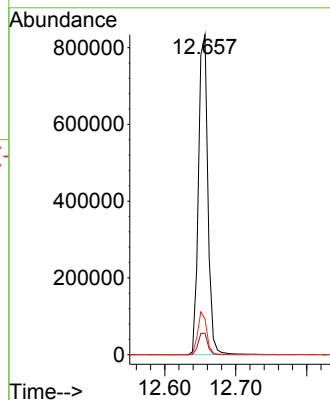
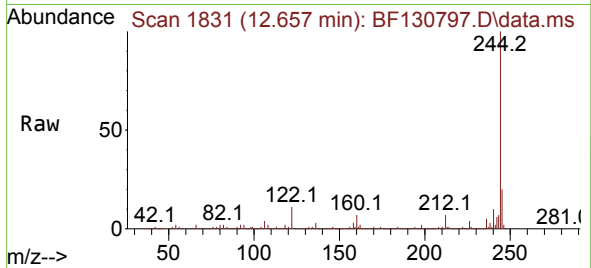




#79
 Terphenyl-d14
 Concen: 52.210 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130797.D
 Acq: 26 Oct 2022 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tgt Ion:244 Resp: 768739
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.2 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: BF130797.D
 Acq: 26 Oct 2022 22:52

Tgt Ion:264 Resp: 250536
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.6 16.2 24.4

