

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130697.D
 Acq On : 18 Oct 2022 14:35
 Operator : CG\JU
 Sample : PB148409BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148409BL

Quant Time: Oct 18 16:02:33 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)

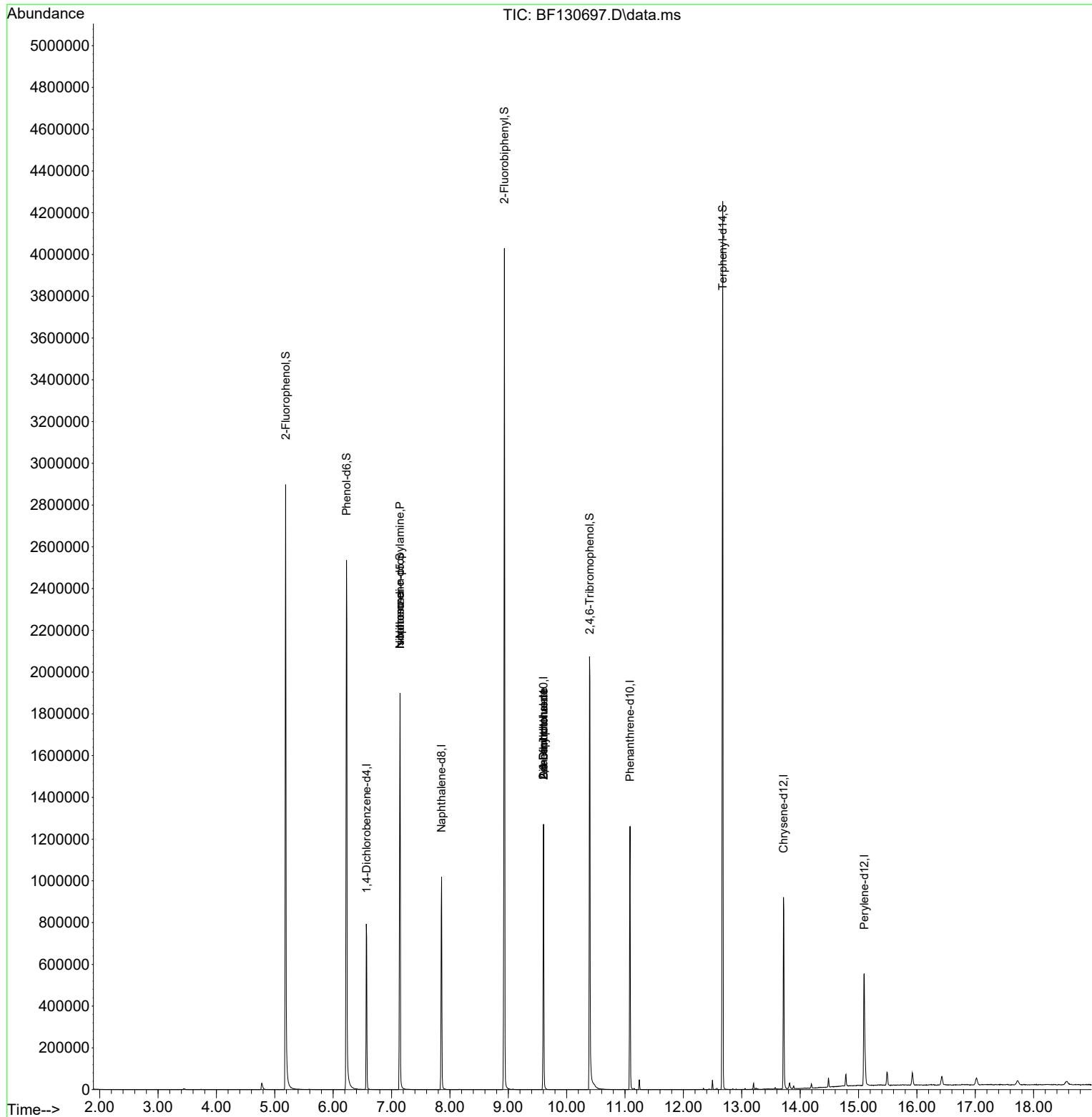
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	123695	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	498325	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	260590	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	449371	20.000	ng	0.00
76) Chrysene-d12	13.715	240	333258	20.000	ng	0.00
86) Perylene-d12	15.098	264	257054	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	862978	125.757	ng	0.02
7) Phenol-d6	6.228	99	1086611	125.944	ng	0.00
23) Nitrobenzene-d5	7.145	82	674882	73.932	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	309077	121.213	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	1295840	75.324	ng	0.00
79) Terphenyl-d14	12.674	244	1443844	71.908	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.145	70	88719	15.938	ng	# 76
25) Isophorone	7.145	82	669667	44.078	ng	# 64
50) Dimethylphthalate	9.604	163	48086	2.666	ng	# 1
51) 2,6-Dinitrotoluene	9.604	165	33806	8.544	ng	# 24
57) 2,4-Dinitrotoluene	9.604	165	33806	6.648	ng	# 14

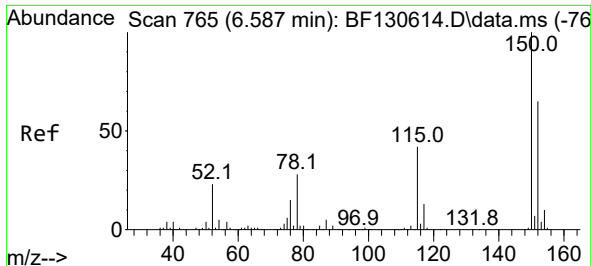
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

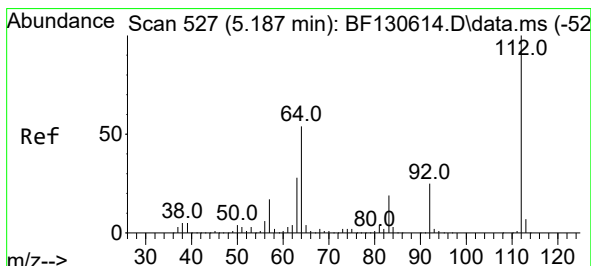
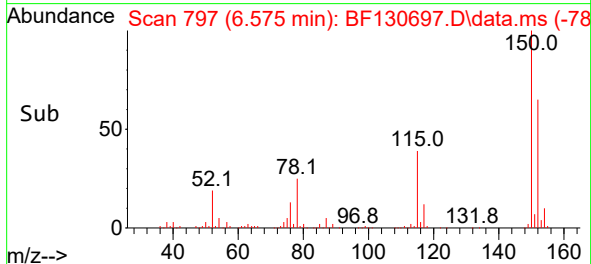
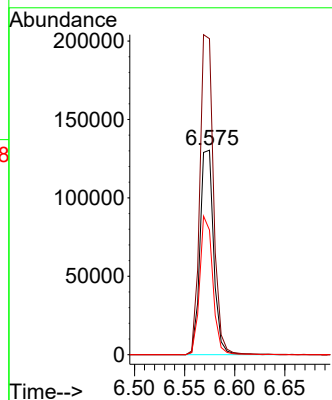
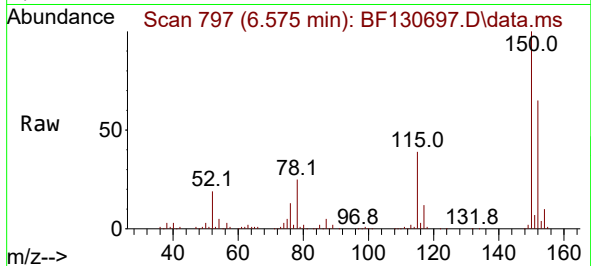




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.575 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130697.D
 Acq: 18 Oct 2022 14:35

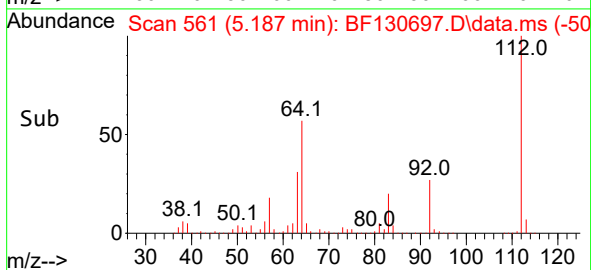
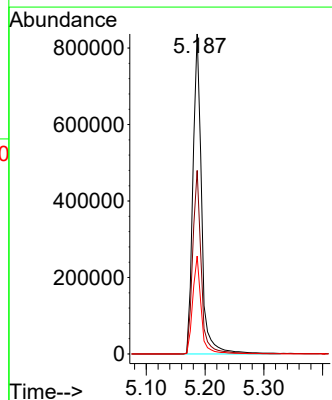
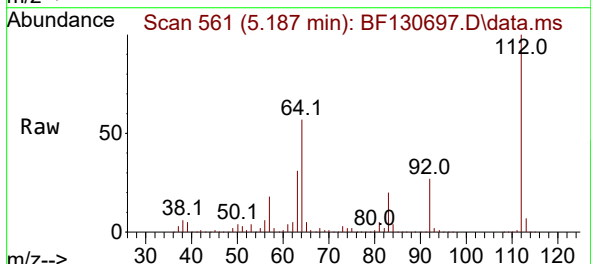
Instrument :
 BNA_F
 ClientSampleId :
 PB148409BL

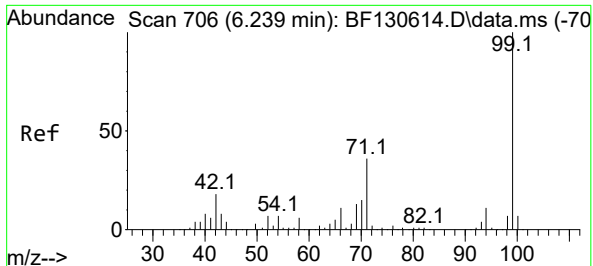
Tgt Ion:152 Resp: 123695
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.8 185.6
 115 60.9 52.2 78.4



#5
 2-Fluorophenol
 Concen: 125.757 ng
 RT: 5.187 min Scan# 561
 Delta R.T. 0.017 min
 Lab File: BF130697.D
 Acq: 18 Oct 2022 14:35

Tgt Ion:112 Resp: 862978
 Ion Ratio Lower Upper
 112 100
 64 57.3 43.5 65.3
 63 30.6 22.6 34.0

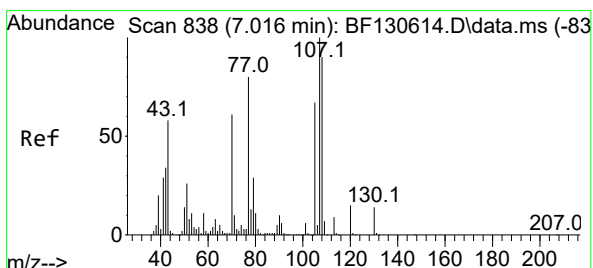
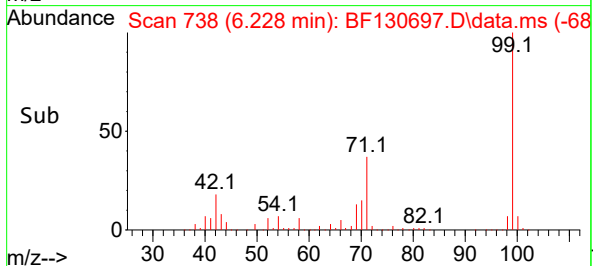
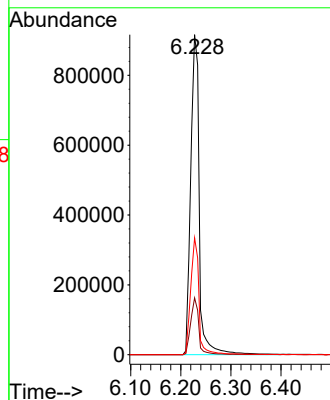
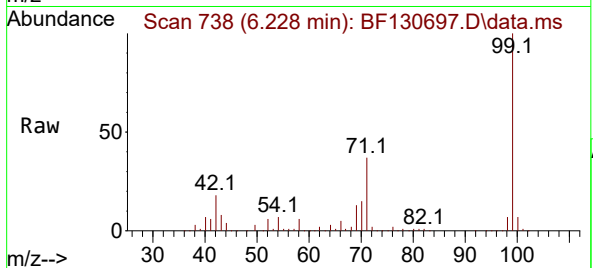




#7
Phenol-d6
Concen: 125.944 ng
RT: 6.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

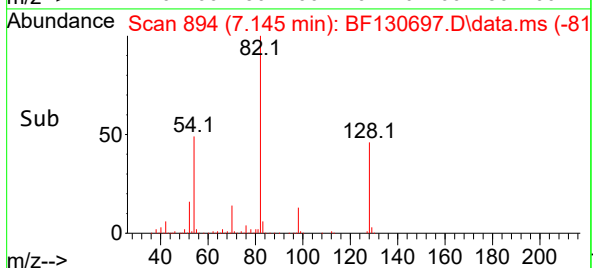
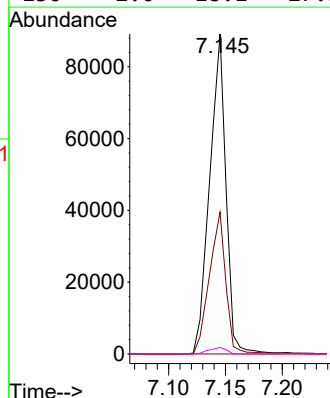
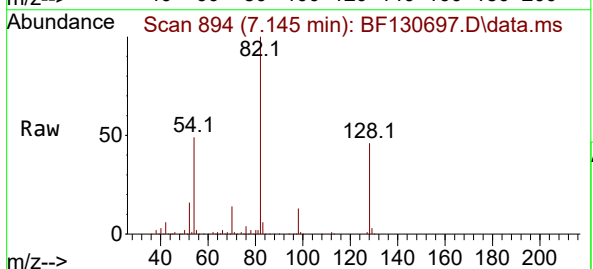
Instrument :
BNA_F
ClientSampleId :
PB148409BL

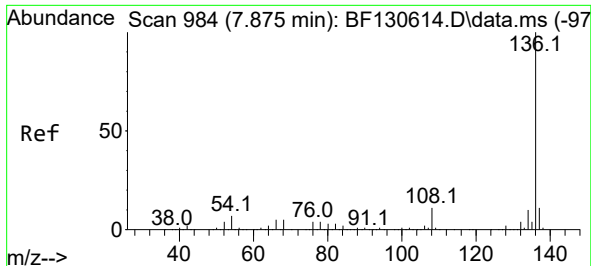
Tgt Ion: 99 Resp: 1086611
Ion Ratio Lower Upper
99 100
42 17.8 14.0 21.0
71 36.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.938 ng
RT: 7.145 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion: 70 Resp: 88719
Ion Ratio Lower Upper
70 100
42 44.3 44.3 66.5#
101 0.0 7.9 11.9#
130 2.0 18.1 27.1#

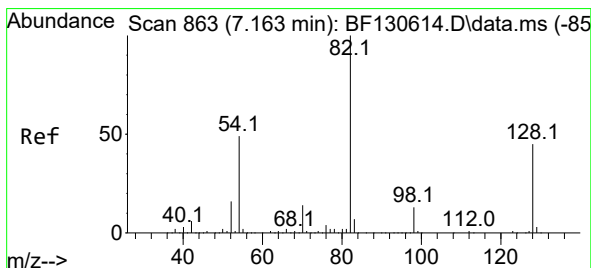
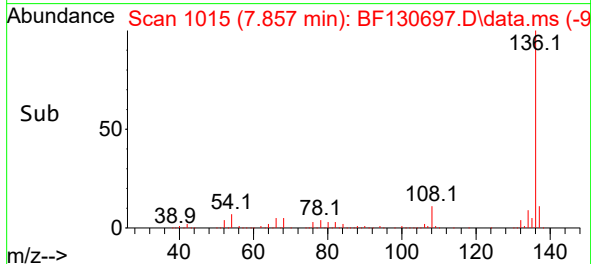
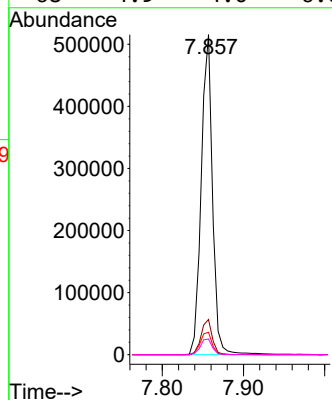
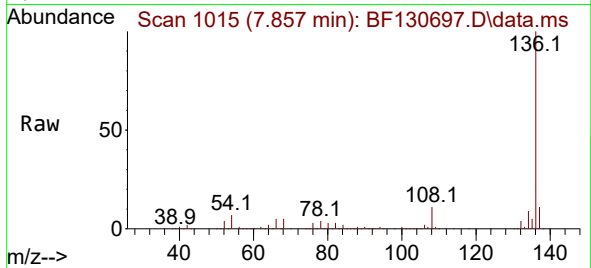




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

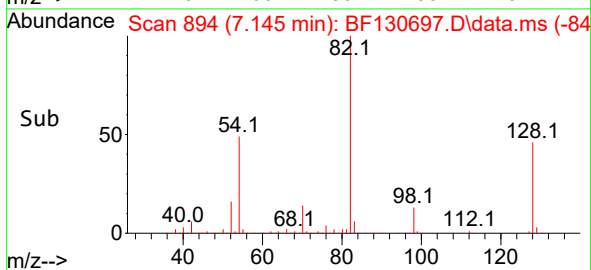
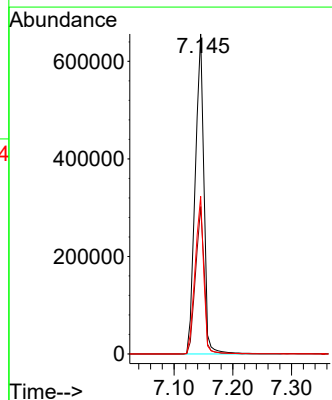
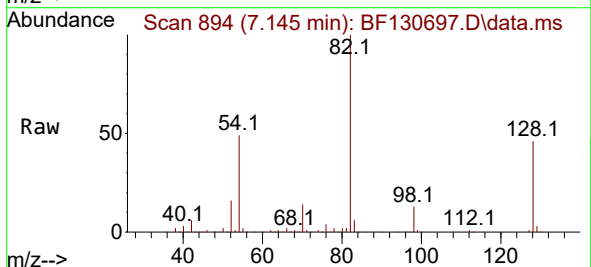
Instrument :
BNA_F
ClientSampleId :
PB148409BL

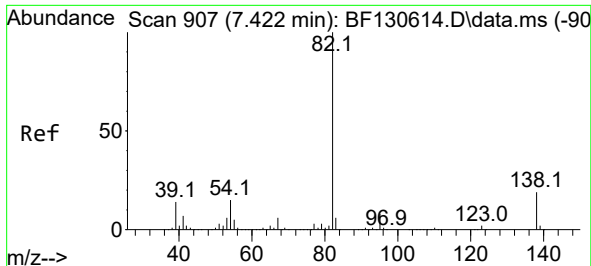
Tgt Ion:136 Resp: 498325
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.0 5.5 8.3
68 4.9 4.0 6.0



#23
Nitrobenzene-d5
Concen: 73.932 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion: 82 Resp: 674882
Ion Ratio Lower Upper
82 100
128 46.0 35.8 53.6
54 49.2 39.3 58.9

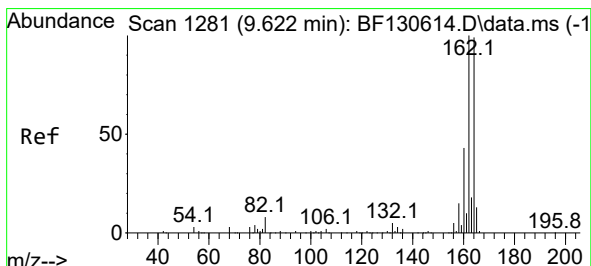
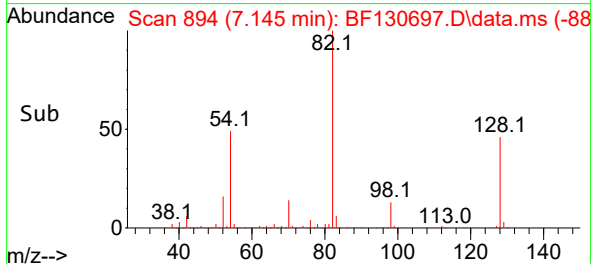
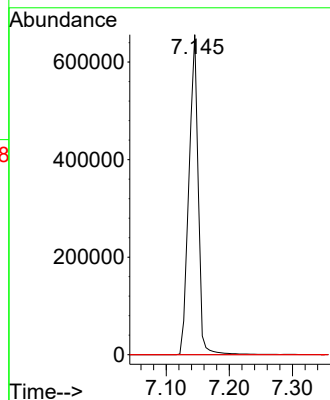
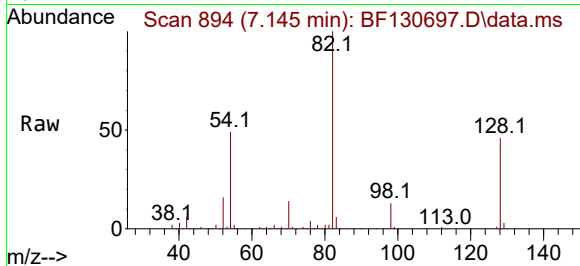




#25
Isophorone
Concen: 44.078 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

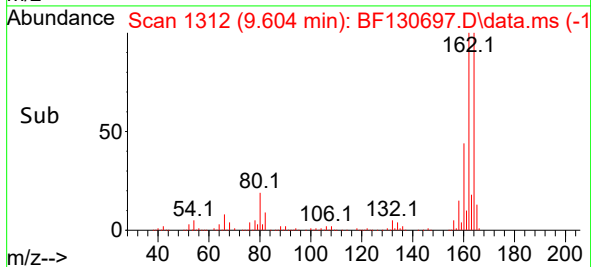
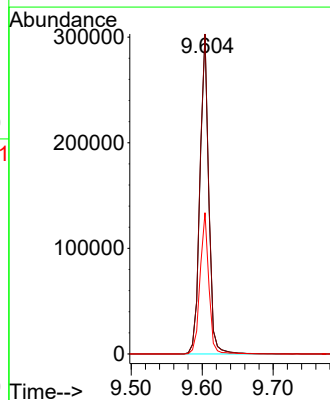
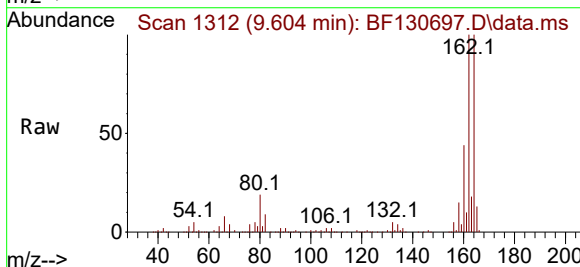
Instrument :
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ClientSampleId :
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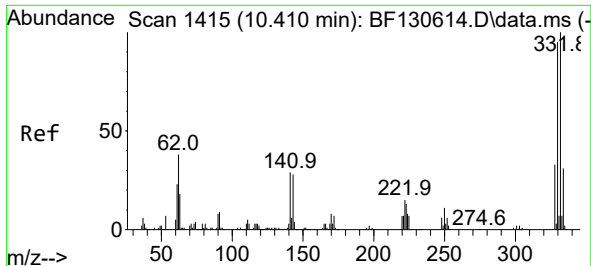
Tgt Ion: 82 Resp: 669667
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion:164 Resp: 260590
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.2 34.5 51.7

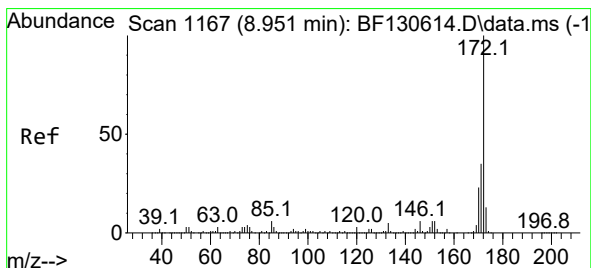
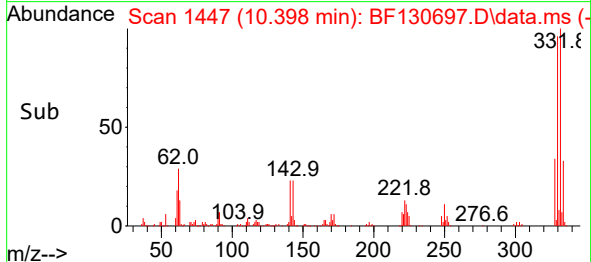
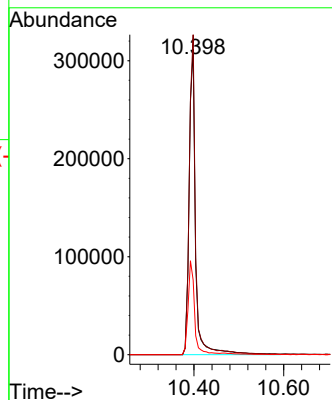
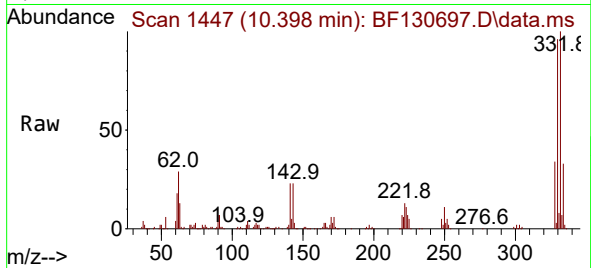




#42
2,4,6-Tribromophenol
Concen: 121.213 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

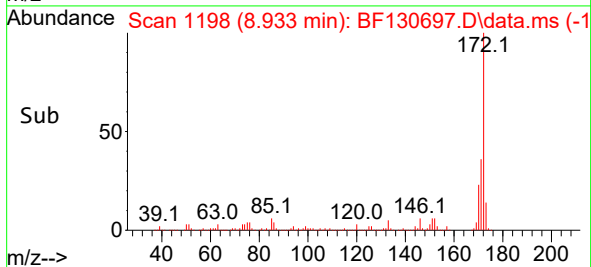
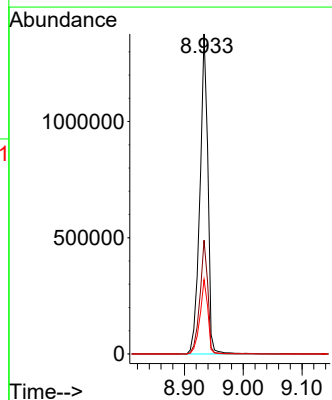
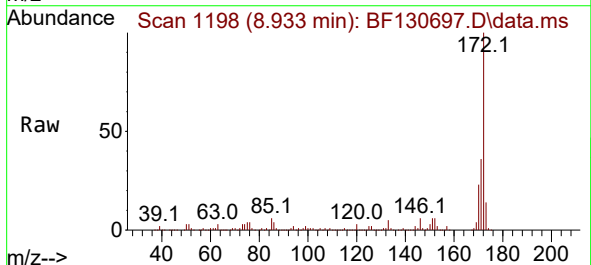
Instrument :
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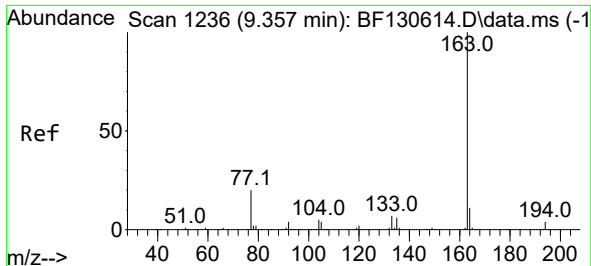
Tgt Ion: 330 Resp: 309077
Ion Ratio Lower Upper
330 100
332 103.0 84.2 126.4
141 30.9 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 75.324 ng
RT: 8.933 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion: 172 Resp: 1295840
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 23.3 18.6 27.8

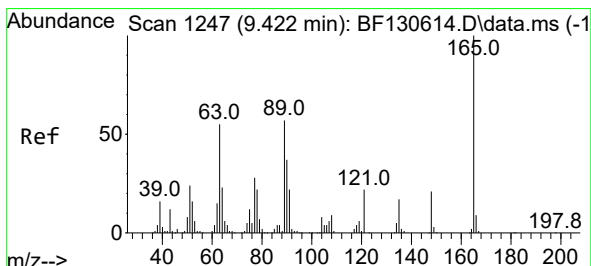
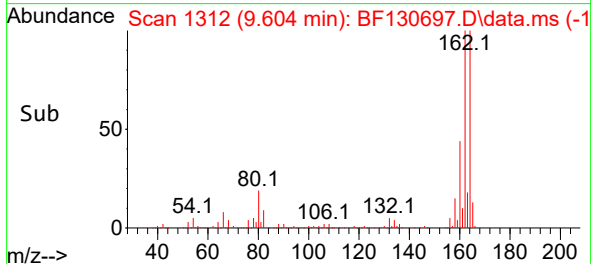
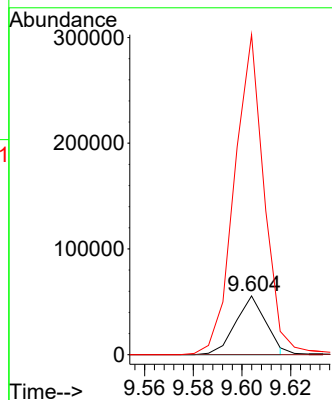
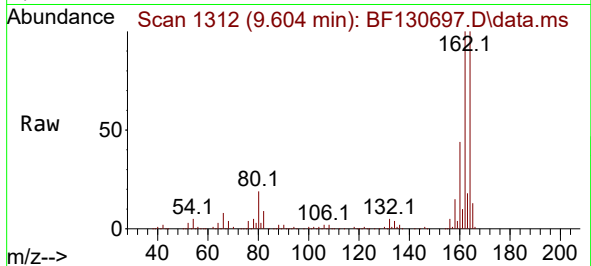




#50
Dimethylphthalate
Concen: 2.666 ng
RT: 9.604 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

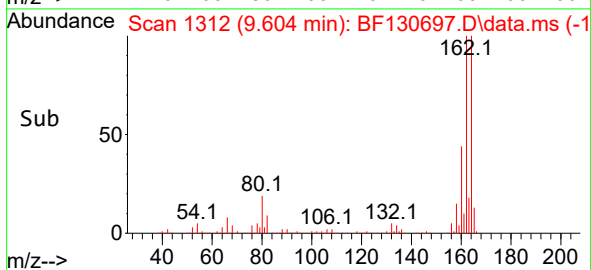
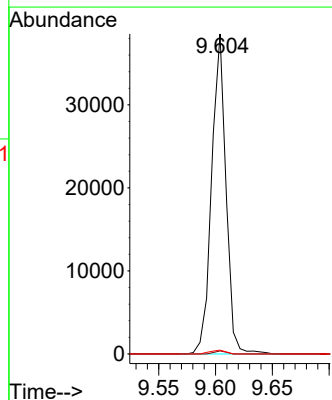
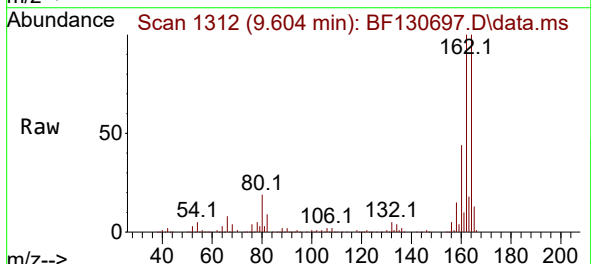
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ClientSampleId :
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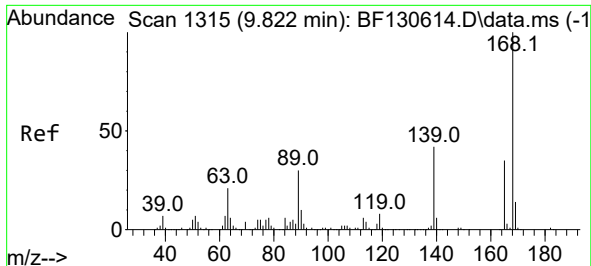
Tgt Ion:163 Resp: 48086
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 544.3 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 9.604 min Scan# 1312
Delta R.T. 0.194 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion:165 Resp: 33806
Ion Ratio Lower Upper
165 100
63 1.0 45.3 67.9#
89 1.2 45.6 68.4#

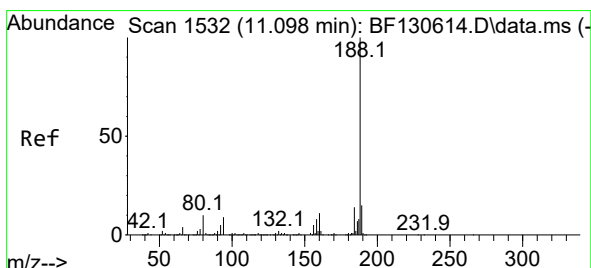
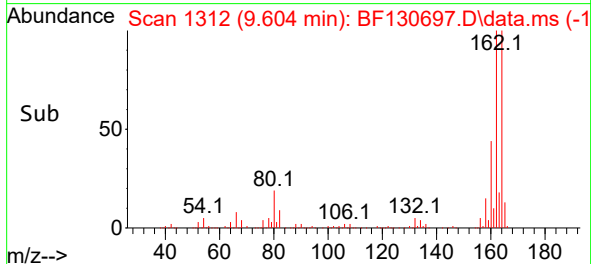
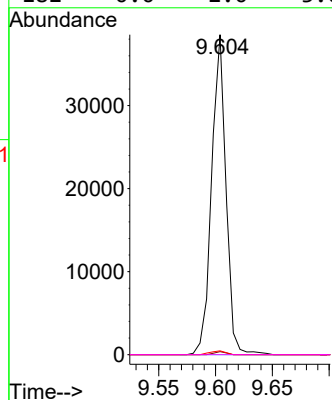
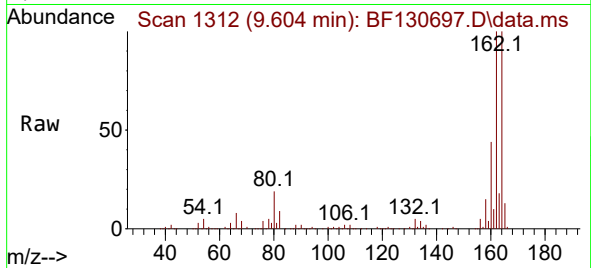




#57
2,4-Dinitrotoluene
Concen: 6.648 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

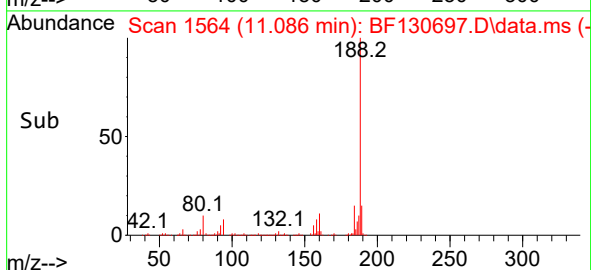
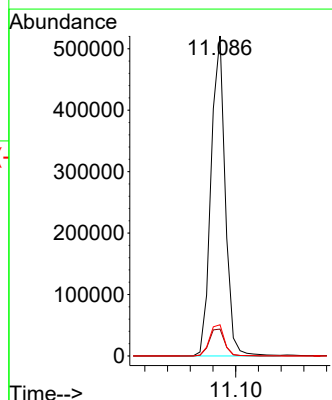
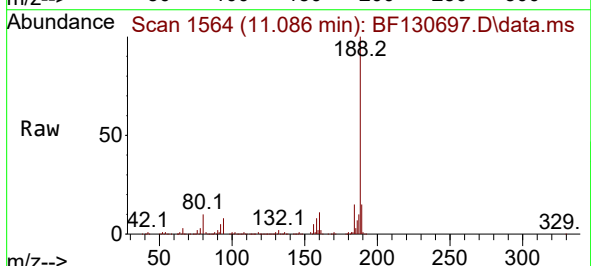
Instrument :
BNA_F
ClientSampleId :
PB148409BL

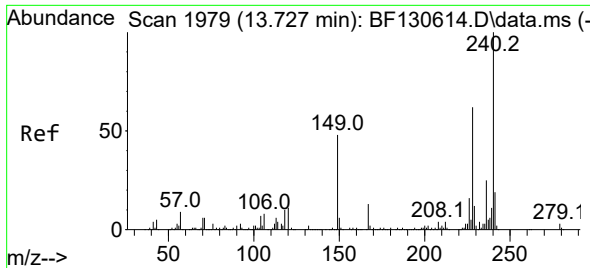
Tgt Ion:165 Resp: 33806
Ion Ratio Lower Upper
165 100
63 1.0 50.6 76.0#
89 1.2 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion:188 Resp: 449371
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.8 8.0 12.0

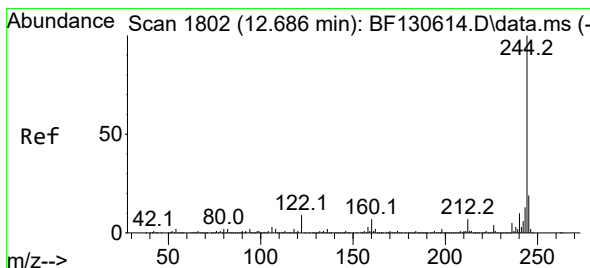
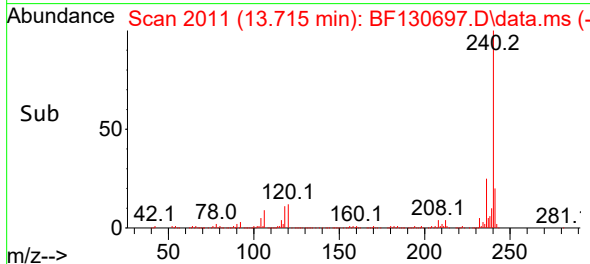
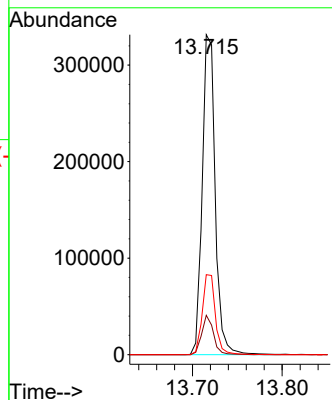
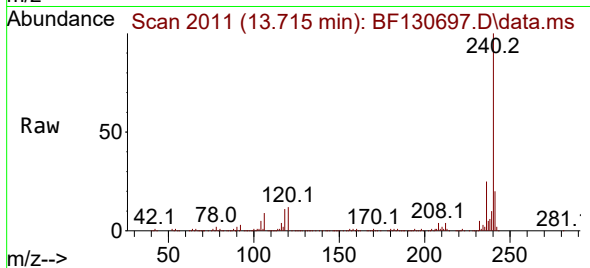




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

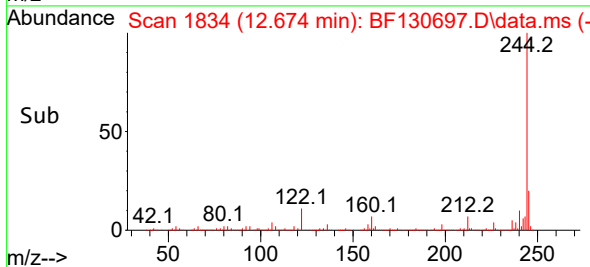
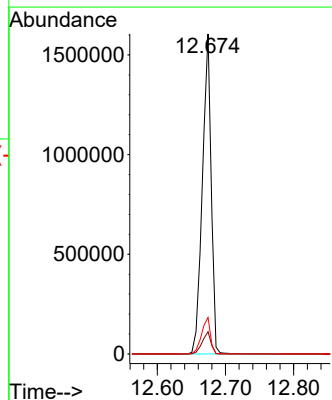
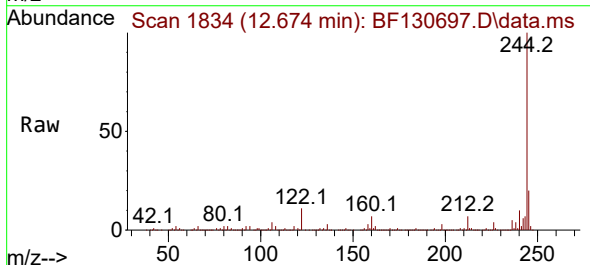
Instrument :
BNA_F
ClientSampleId :
PB148409BL

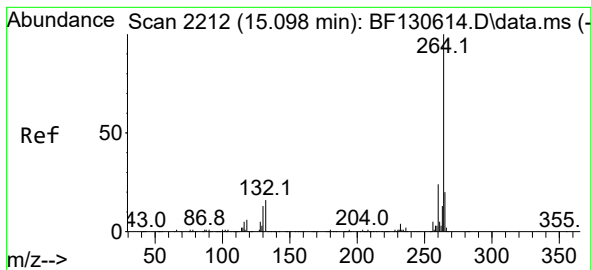
Tgt Ion:240 Resp: 333258
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 25.0 20.2 30.4



#79
Terphenyl-d14
Concen: 71.908 ng
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

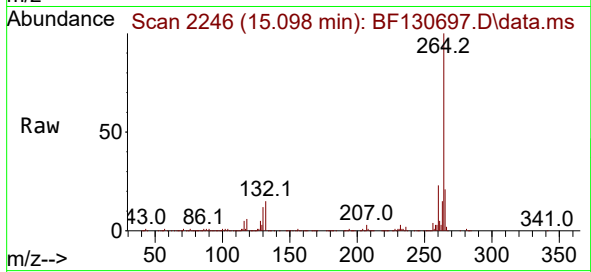
Tgt Ion:244 Resp: 1443844
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.4 7.5 11.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Instrument :
BNA_F
ClientSampleId :
PB148409BL



Tgt Ion:264 Resp: 257054
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.8 16.4 24.6

