

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130645.D
 Acq On : 13 Oct 2022 13:55
 Operator : CG\JU
 Sample : PB148309BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148309BL

Quant Time: Oct 14 05:59:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

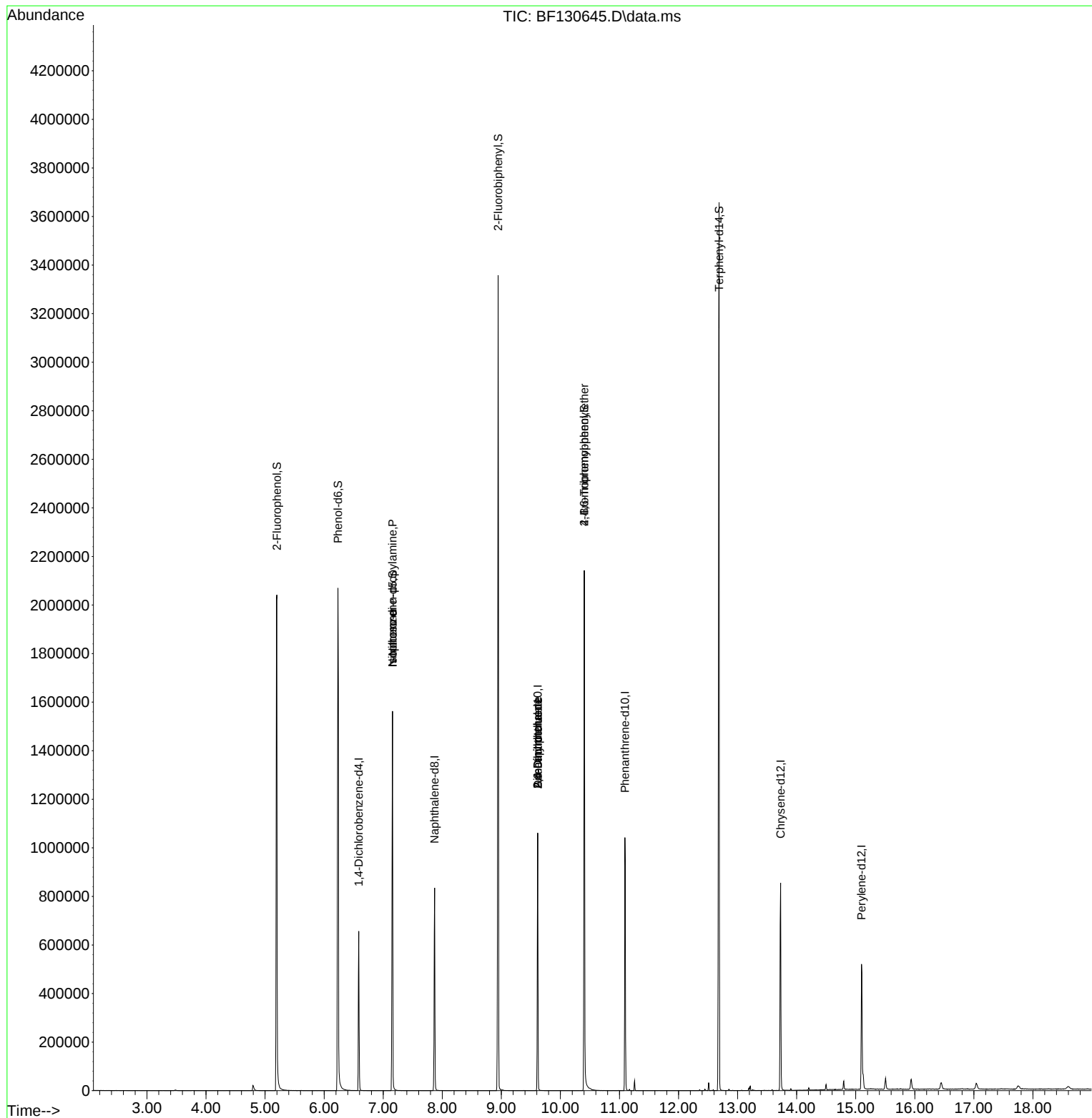
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	93069	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	372494	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	207967	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	378683	20.000	ng	0.00
76) Chrysene-d12	13.727	240	291635	20.000	ng	0.00
86) Perylene-d12	15.098	264	228571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	660985	128.018	ng	0.01
7) Phenol-d6	6.234	99	808134	124.490	ng	0.00
23) Nitrobenzene-d5	7.157	82	506520	74.233	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	271591	133.464	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1059886	77.198	ng	0.00
79) Terphenyl-d14	12.686	244	1314193	74.792	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	67477	16.111	ng	# 77
25) Isophorone	7.157	82	506514	44.601	ng	# 64
50) Dimethylphthalate	9.616	163	38965	2.707	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	27411	8.680	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	27411	6.754	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	16107	3.759	ng	# 1

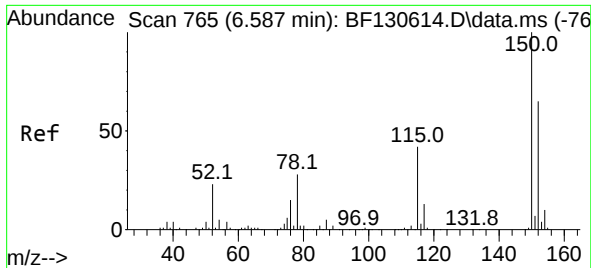
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

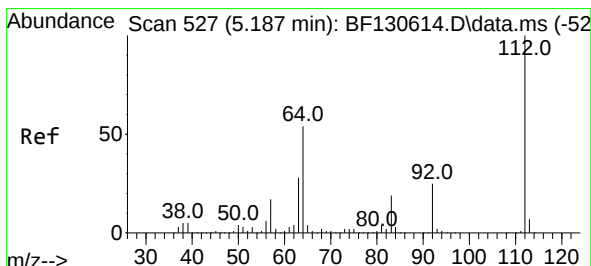
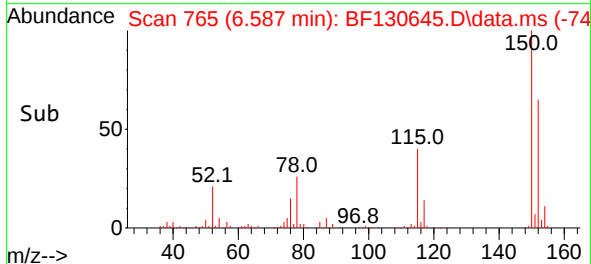
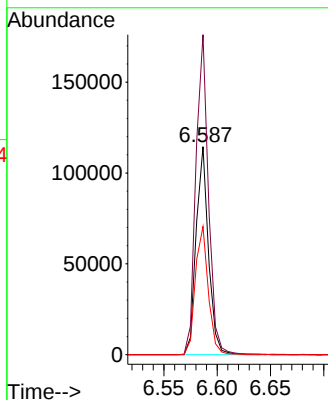
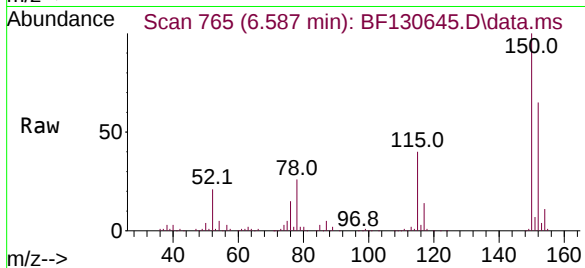




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.587 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: BF130645.D
 Acq: 13 Oct 2022 13:55

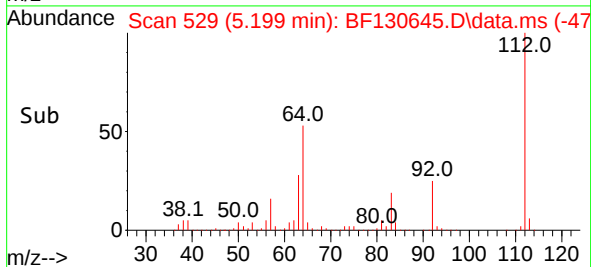
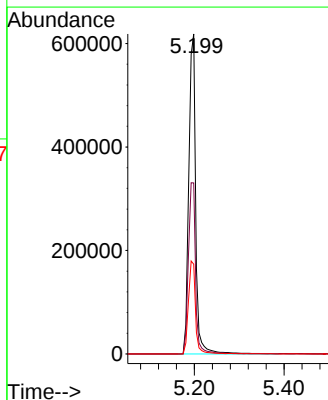
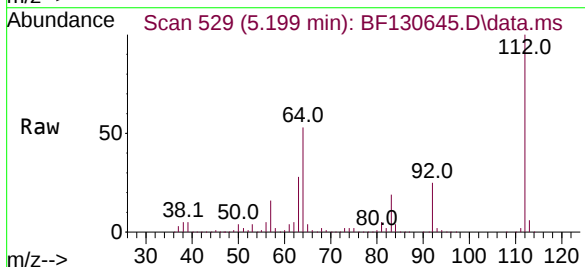
Instrument :
 BNA_F
 ClientSampleId :
 PB148309BL

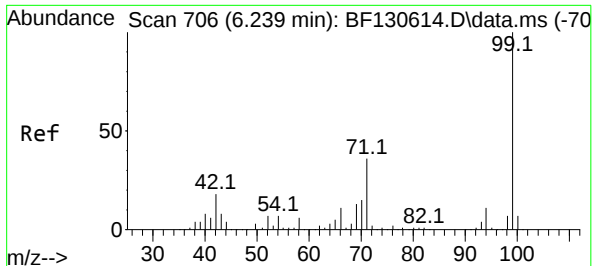
Tgt Ion:152 Resp: 93069
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.8 185.6
 115 61.6 52.2 78.4



#5
 2-Fluorophenol
 Concen: 128.018 ng
 RT: 5.199 min Scan# 529
 Delta R.T. 0.012 min
 Lab File: BF130645.D
 Acq: 13 Oct 2022 13:55

Tgt Ion:112 Resp: 660985
 Ion Ratio Lower Upper
 112 100
 64 53.5 43.5 65.3
 63 28.1 22.6 34.0

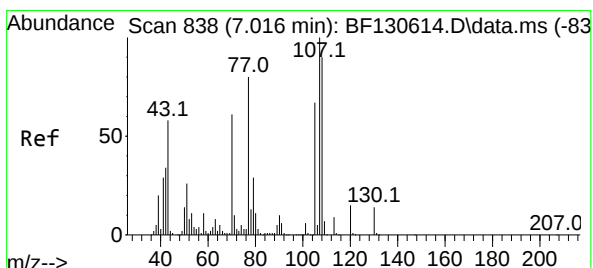
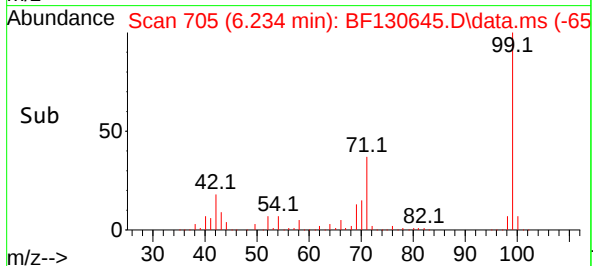
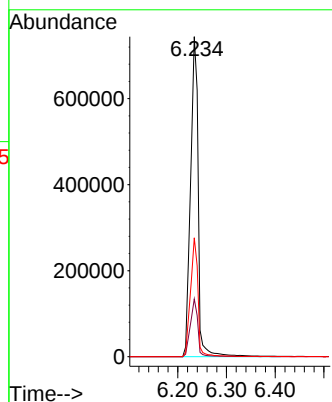
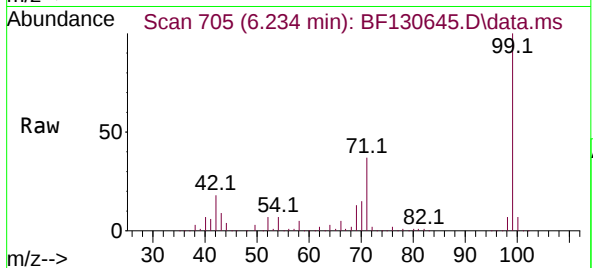




#7
Phenol-d6
Concen: 124.490 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

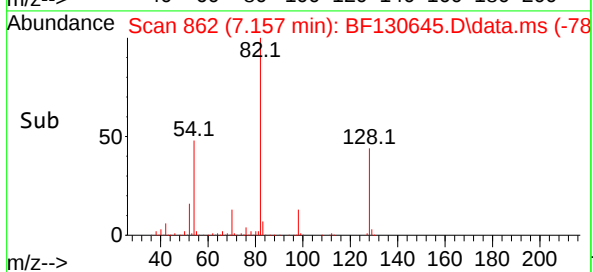
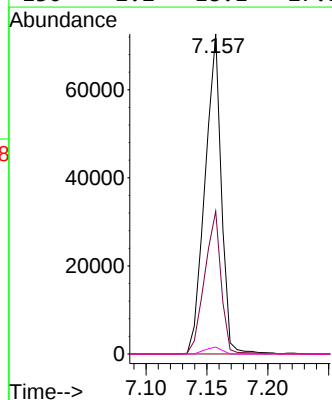
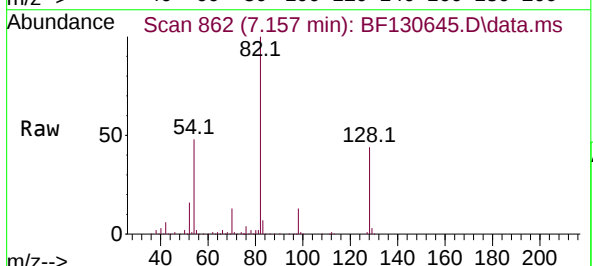
Instrument :
BNA_F
ClientSampleId :
PB148309BL

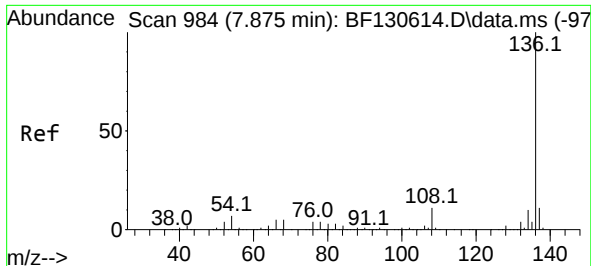
Tgt Ion: 99 Resp: 808134
Ion Ratio Lower Upper
99 100
42 18.1 14.0 21.0
71 37.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.111 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

Tgt Ion: 70 Resp: 67477
Ion Ratio Lower Upper
70 100
42 44.6 44.3 66.5
101 0.0 7.9 11.9#
130 2.2 18.1 27.1#

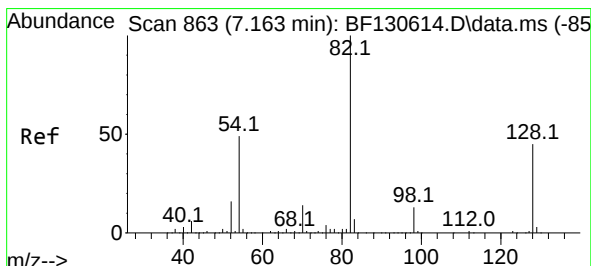
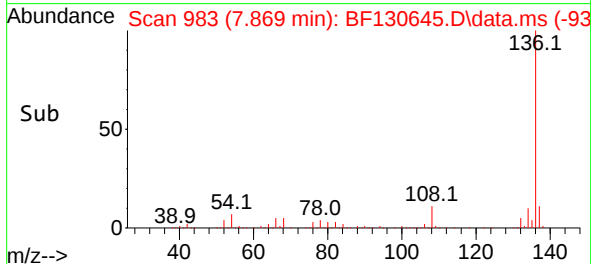
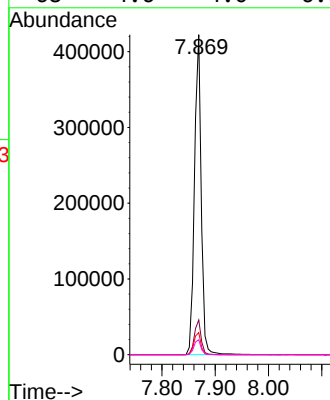
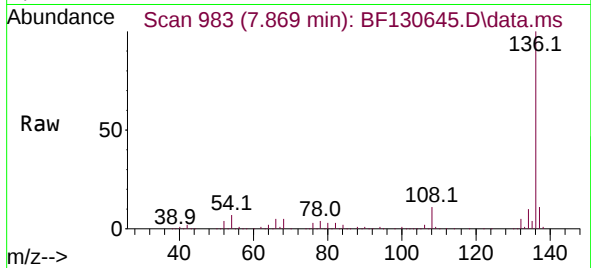




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

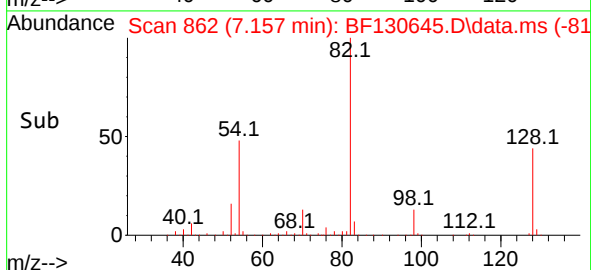
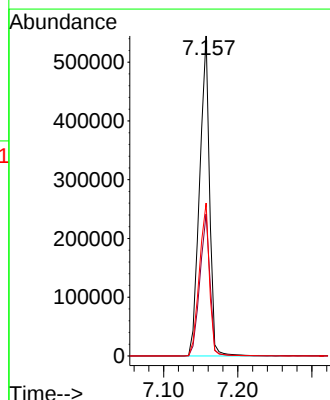
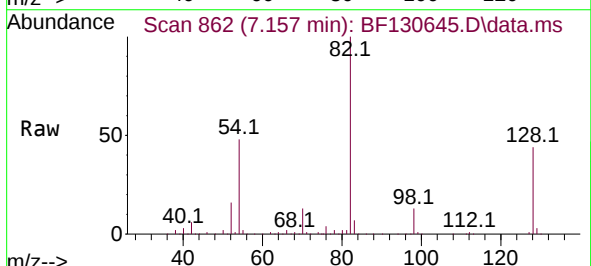
Instrument :
BNA_F
ClientSampleId :
PB148309BL

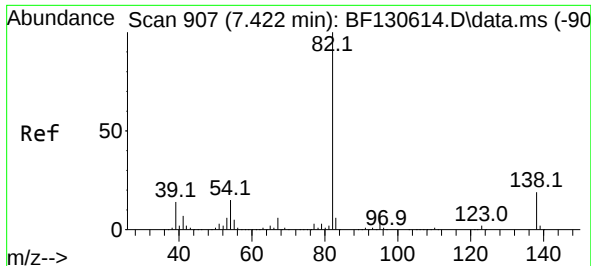
Tgt Ion:136 Resp: 372494
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.9 5.5 8.3
68 4.6 4.0 6.0



#23
Nitrobenzene-d5
Concen: 74.233 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

Tgt Ion: 82 Resp: 506520
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 47.8 39.3 58.9

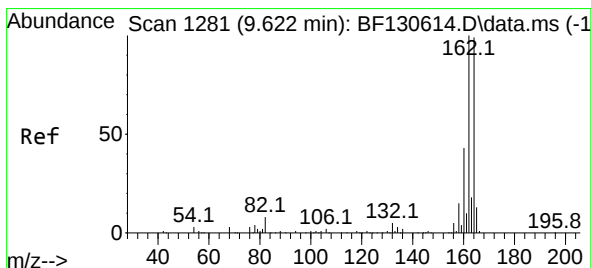
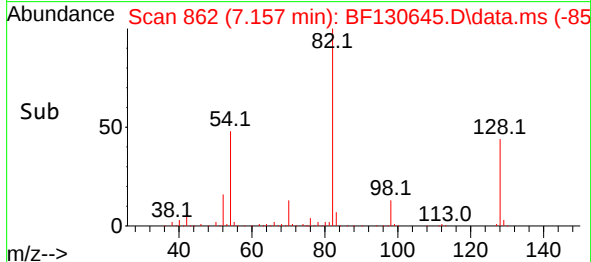
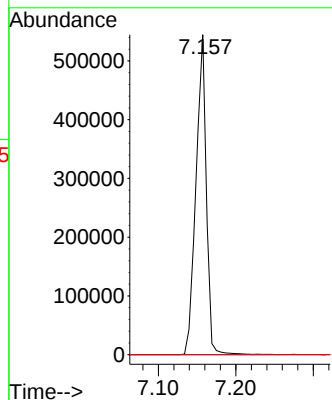
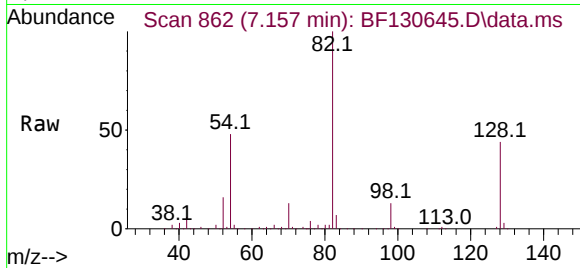




#25
Isophorone
Concen: 44.601 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

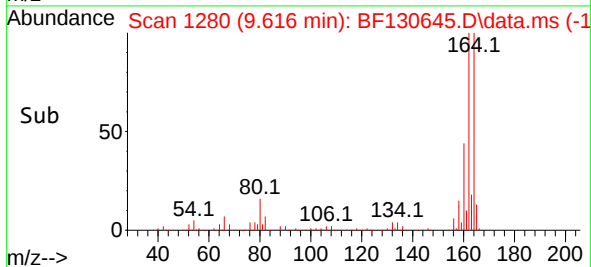
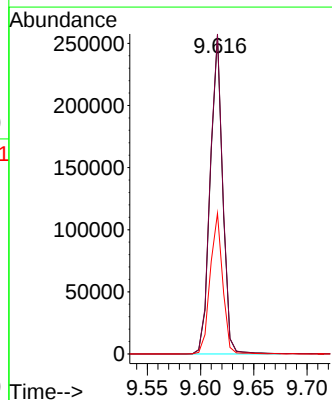
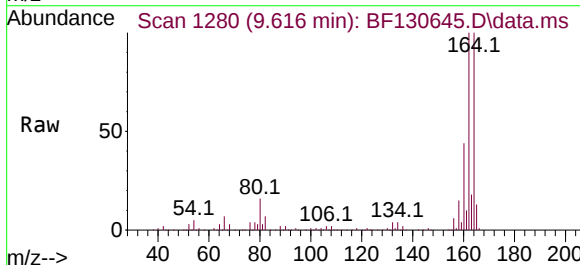
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ClientSampleId :
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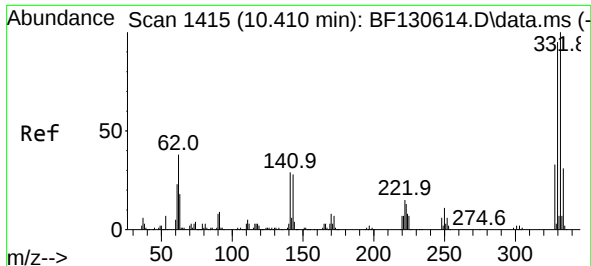
Tgt Ion: 82 Resp: 506514
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

Tgt Ion:164 Resp: 207967
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.1 34.5 51.7

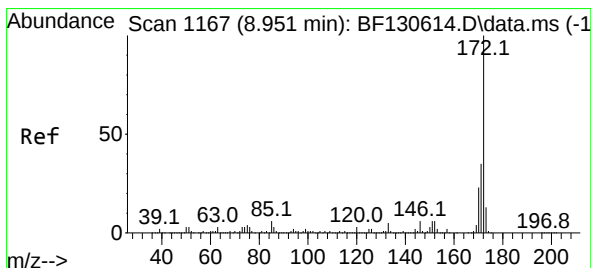
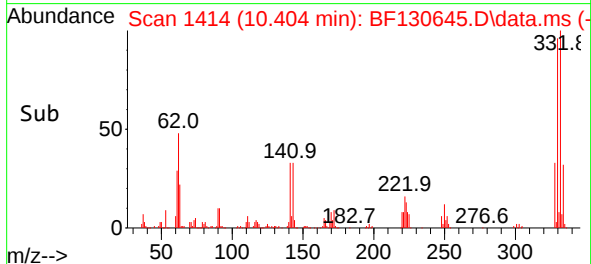
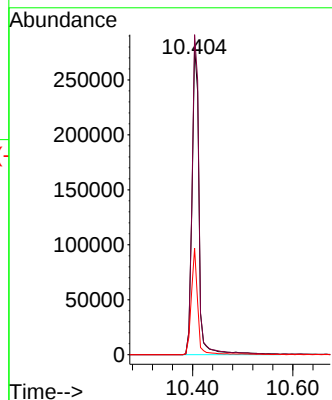
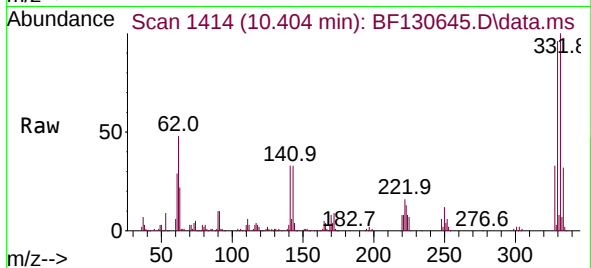




#42
2,4,6-Tribromophenol
Concen: 133.464 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

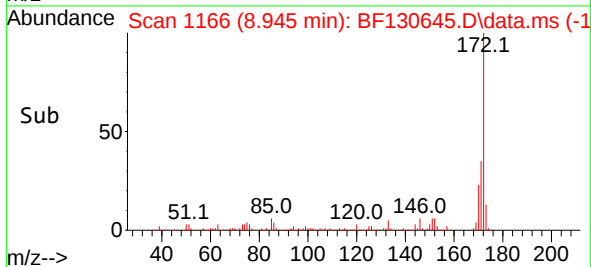
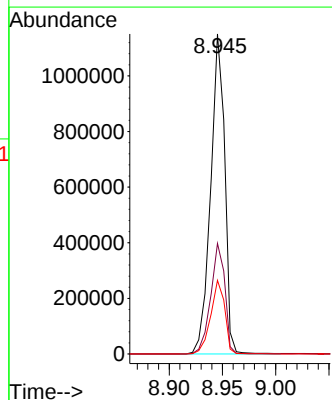
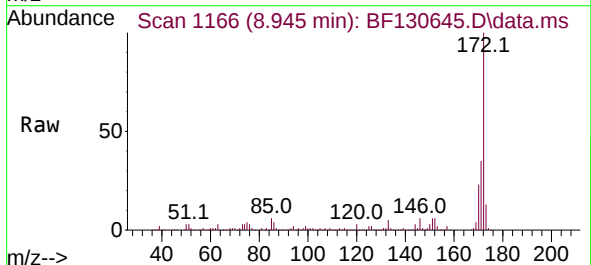
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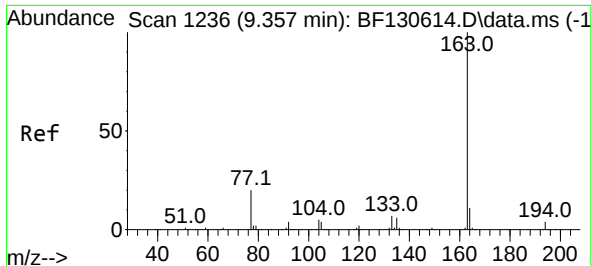
Tgt Ion:330 Resp: 271591
Ion Ratio Lower Upper
330 100
332 103.7 84.2 126.4
141 31.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 77.198 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

Tgt Ion:172 Resp: 1059886
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.0 18.6 27.8

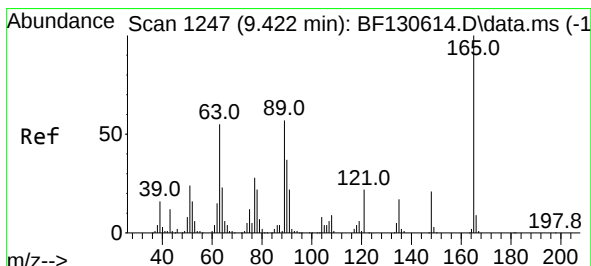
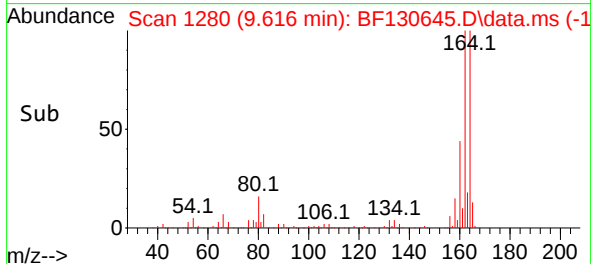
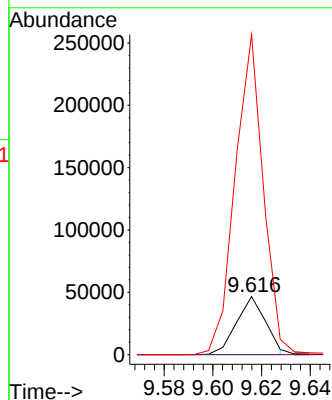
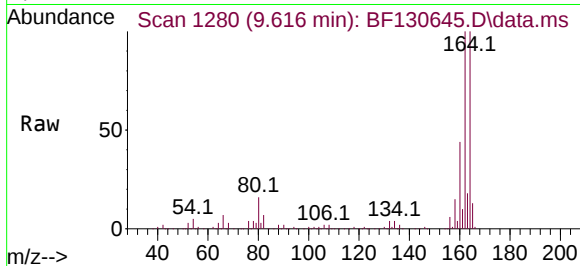




#50
Dimethylphthalate
Concen: 2.707 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.259 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

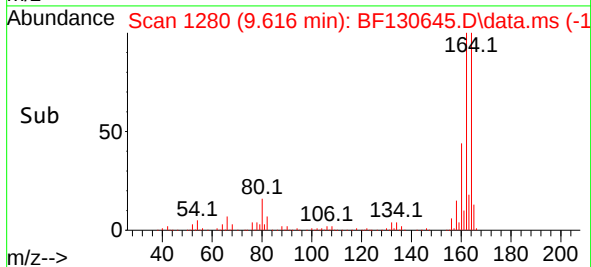
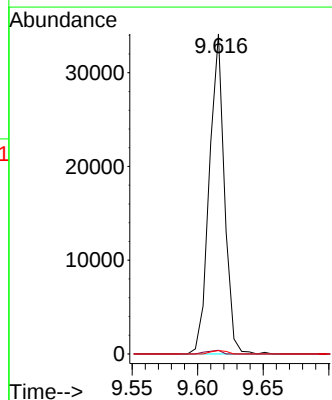
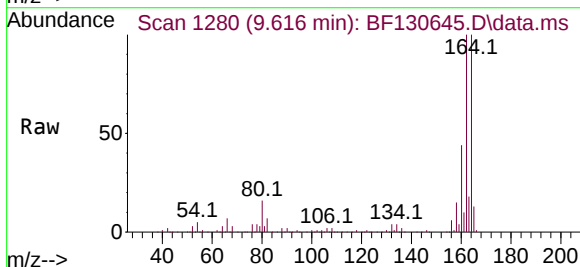
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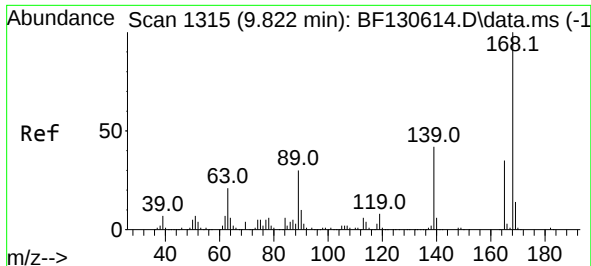
Tgt Ion:163 Resp: 38965
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 551.0 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

Tgt Ion:165 Resp: 27411
Ion Ratio Lower Upper
165 100
63 1.2 45.3 67.9#
89 1.1 45.6 68.4#

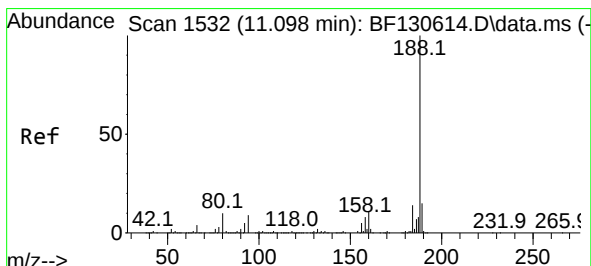
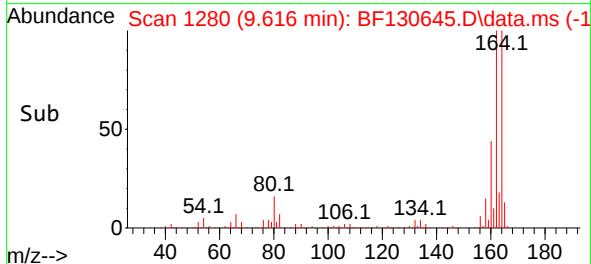
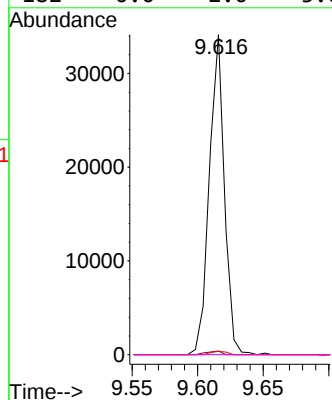
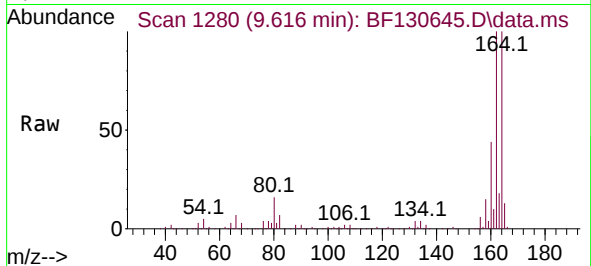




#57
2,4-Dinitrotoluene
Concen: 6.754 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

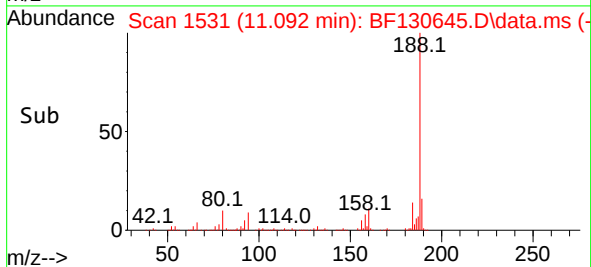
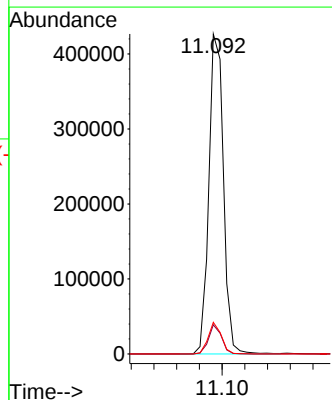
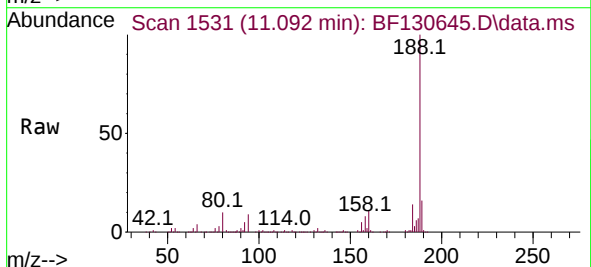
Instrument :
BNA_F
ClientSampleId :
PB148309BL

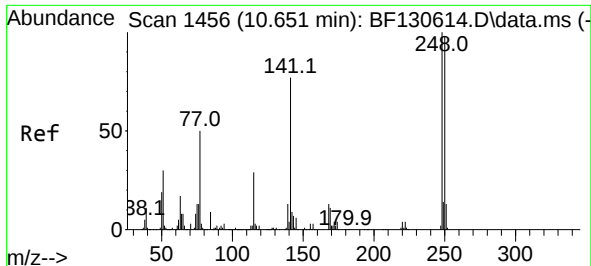
Tgt Ion:165 Resp: 27411
Ion Ratio Lower Upper
165 100
63 1.2 50.6 76.0#
89 1.1 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

Tgt Ion:188 Resp: 378683
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.9 8.0 12.0

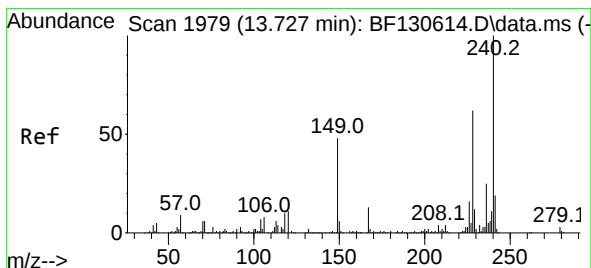
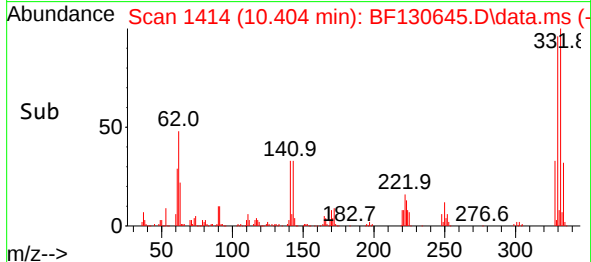
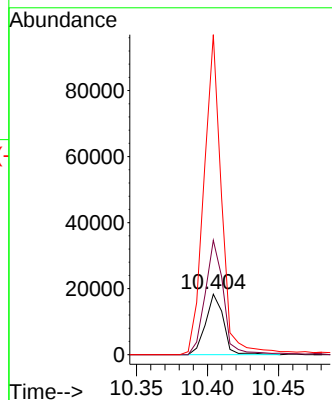
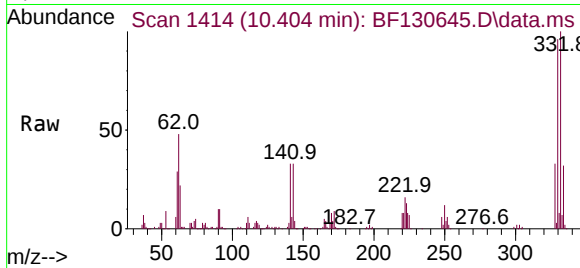




#67
4-Bromophenyl-phenylether
Concen: 3.759 ng
RT: 10.404 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

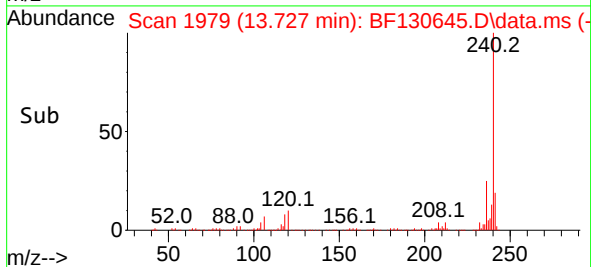
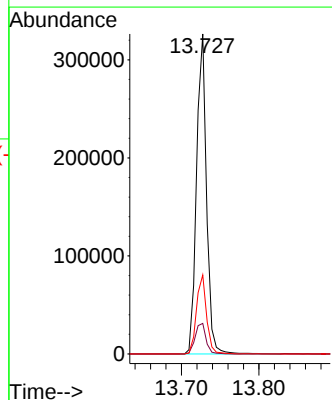
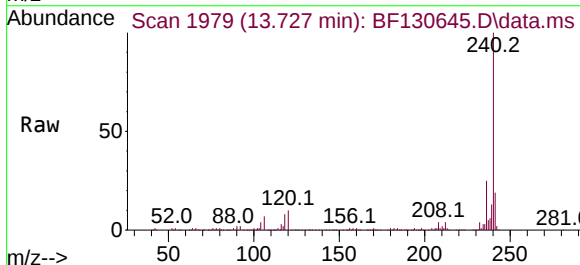
Instrument :
BNA_F
ClientSampleId :
PB148309BL

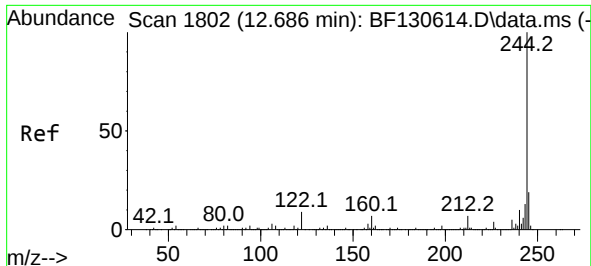
Tgt Ion:248 Resp: 16107
Ion Ratio Lower Upper
248 100
250 189.1 78.7 118.1#
141 529.3 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130645.D
Acq: 13 Oct 2022 13:55

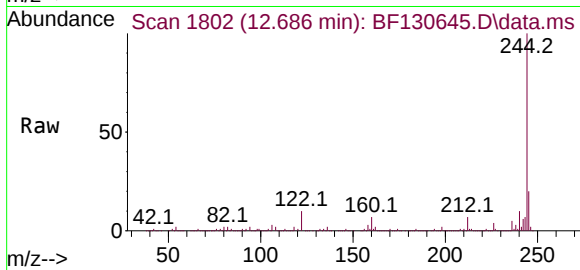
Tgt Ion:240 Resp: 291635
Ion Ratio Lower Upper
240 100
120 9.6 8.6 13.0
236 24.7 20.2 30.4



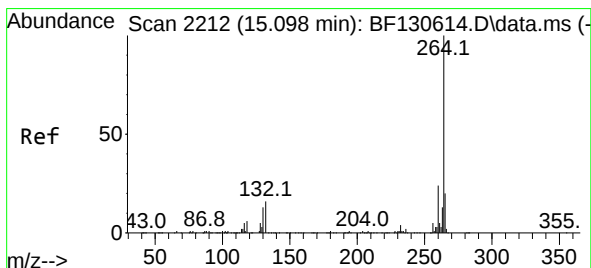
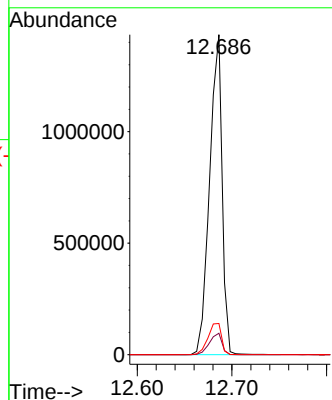
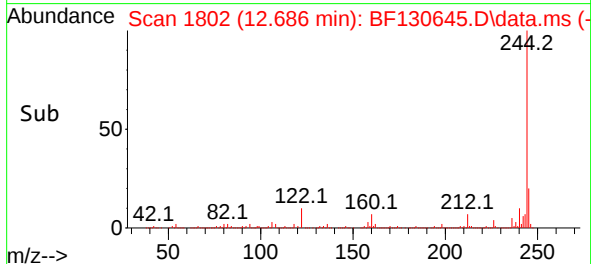


#79
 Terphenyl-d14
 Concen: 74.792 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: BF130645.D
 Acq: 13 Oct 2022 13:55

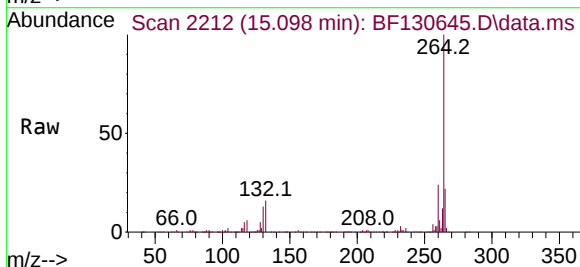
Instrument :
 BNA_F
 ClientSampleId :
 PB148309BL



Tgt Ion:244 Resp: 1314193
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130645.D
 Acq: 13 Oct 2022 13:55



Tgt Ion:264 Resp: 228571
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 22.3 16.4 24.6

