

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130623.D
 Acq On : 12 Oct 2022 11:24
 Operator : CG\JU
 Sample : PB148276BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148276BL

Quant Time: Oct 13 05:42:20 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)

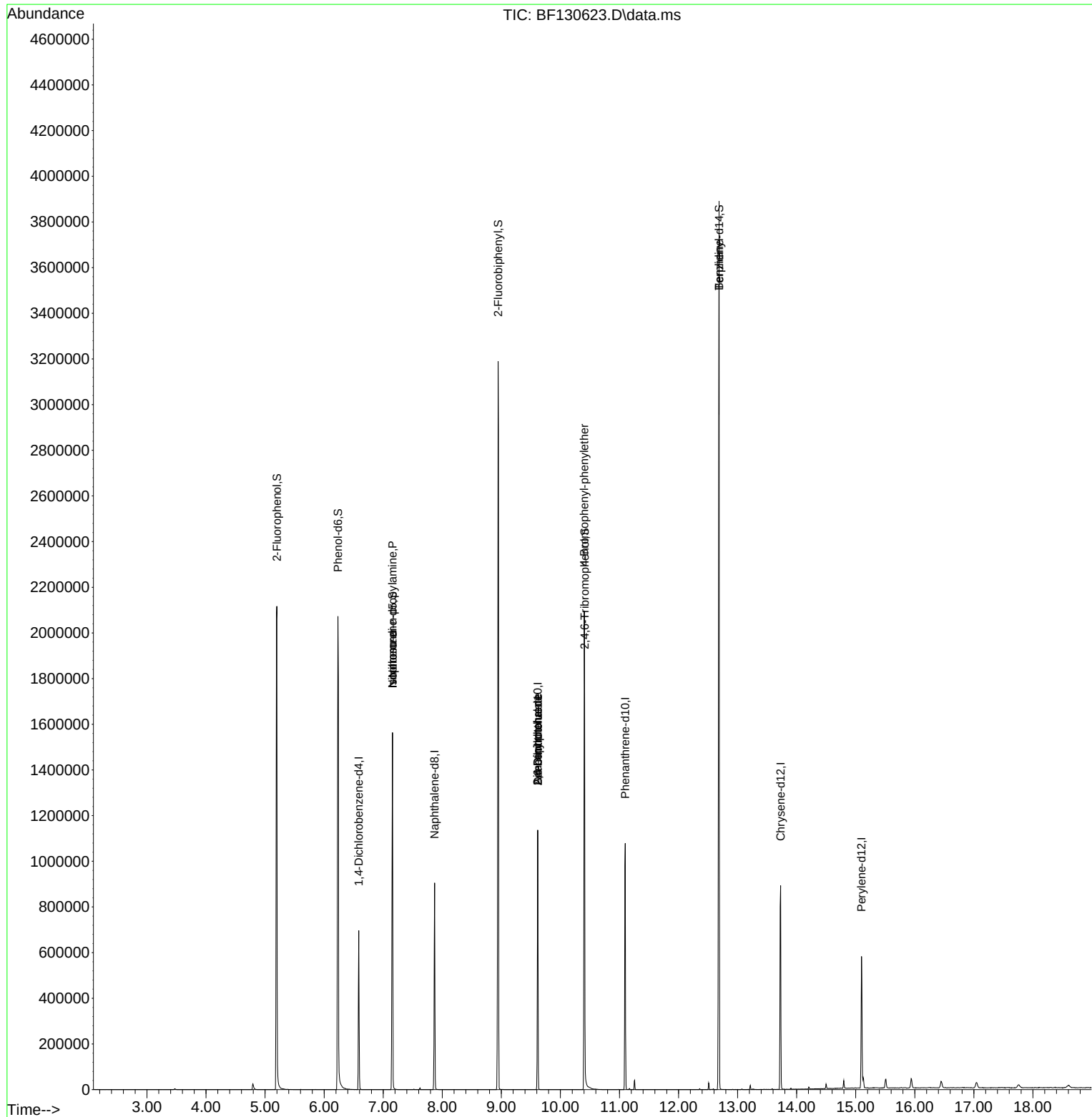
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	96075	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	388198	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	215937	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	384045	20.000	ng	0.00
76) Chrysene-d12	13.727	240	298999	20.000	ng	0.00
86) Perylene-d12	15.098	264	234716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	667967	125.323	ng	0.01
7) Phenol-d6	6.234	99	846151	126.268	ng	0.00
23) Nitrobenzene-d5	7.157	82	526635	74.058	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	276900	131.050	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1085577	76.151	ng	0.00
79) Terphenyl-d14	12.686	244	1325495	73.578	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	69791	16.142	ng	# 76
25) Isophorone	7.157	82	526631	44.497	ng	# 64
50) Dimethylphthalate	9.616	163	40010	2.677	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	26782	8.168	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	26782	6.355	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	16765	3.858	ng	# 1
77) Benzidine	12.686	184	17263	2.284	ng	# 94

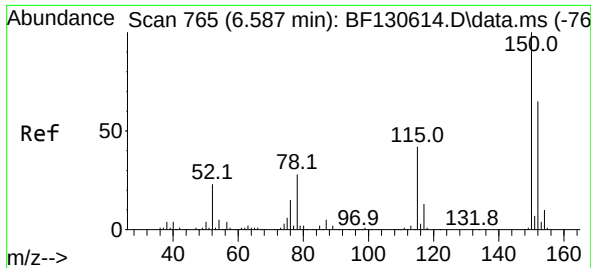
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 05:42:20 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

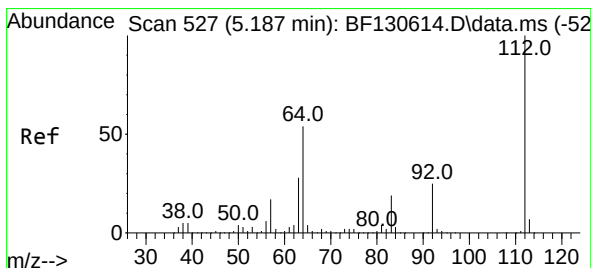
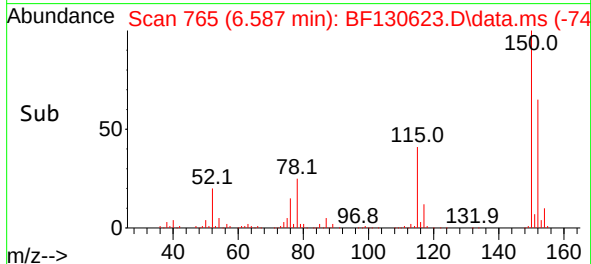
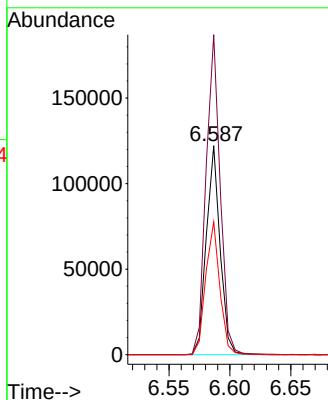
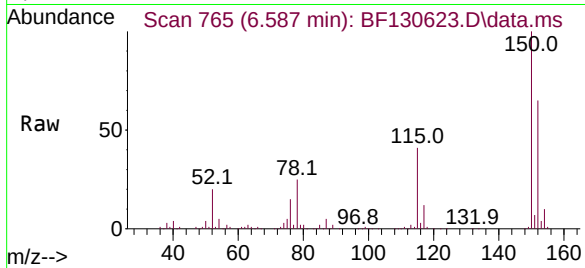




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

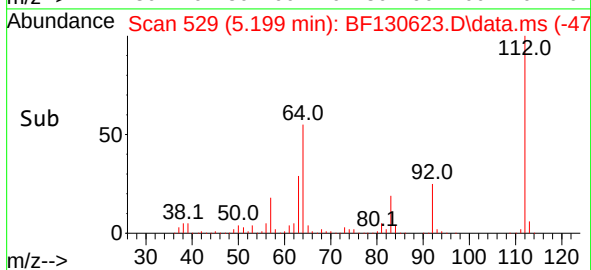
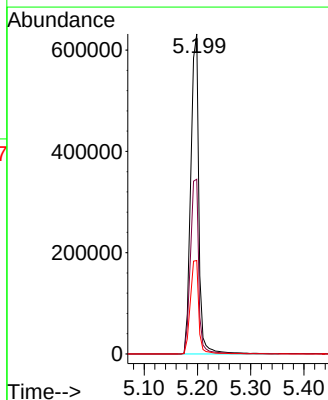
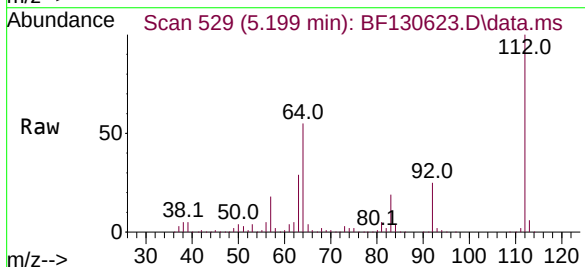
Instrument :
BNA_F
ClientSampleId :
PB148276BL

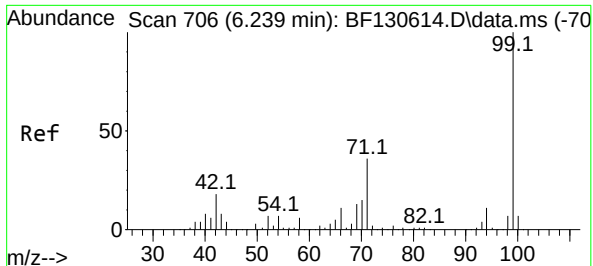
Tgt Ion:152 Resp: 96075
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 63.5 52.2 78.4



#5
2-Fluorophenol
Concen: 125.323 ng
RT: 5.199 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

Tgt Ion:112 Resp: 667967
Ion Ratio Lower Upper
112 100
64 54.6 43.5 65.3
63 29.2 22.6 34.0

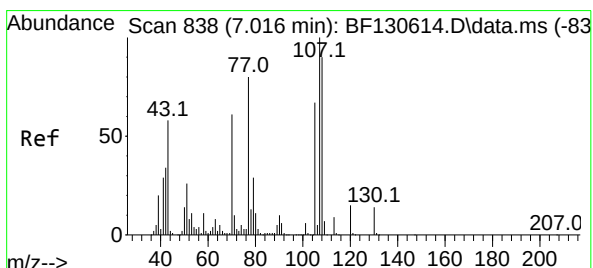
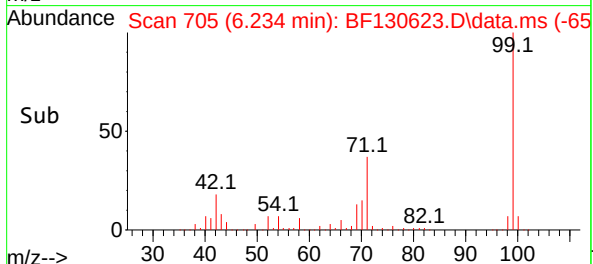
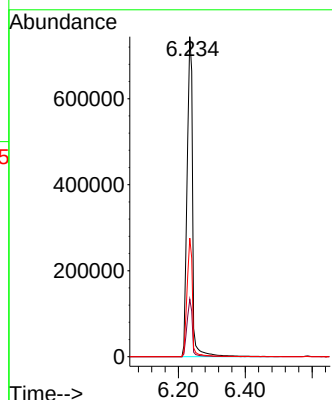
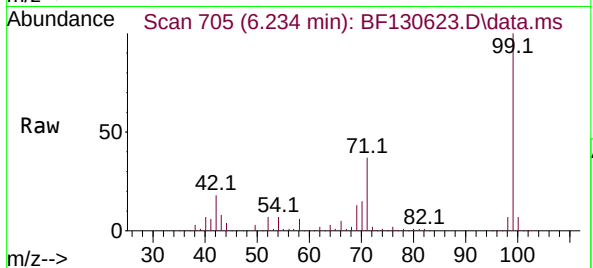




#7
Phenol-d6
Concen: 126.268 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

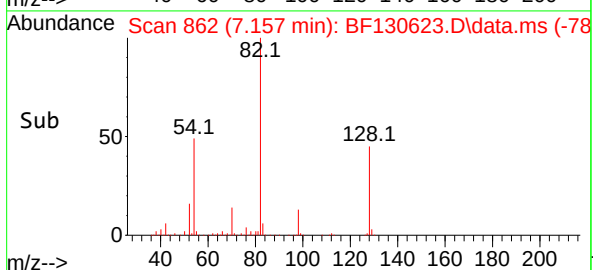
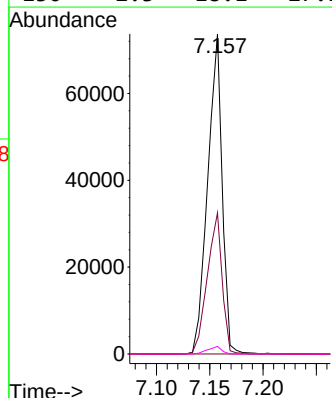
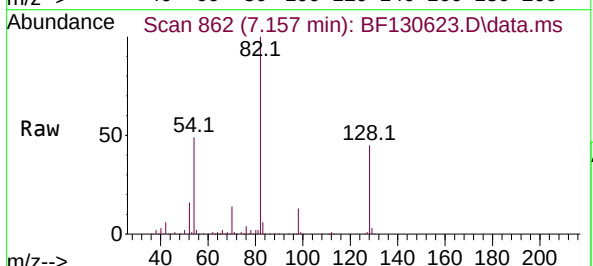
Instrument :
BNA_F
ClientSampleId :
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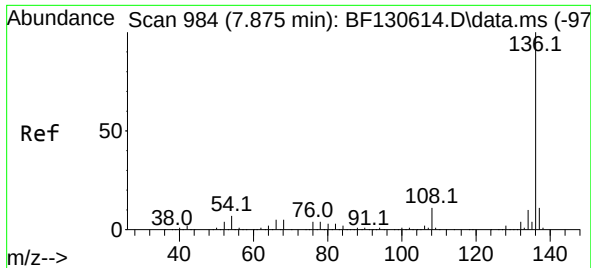
Tgt Ion: 99 Resp: 846151
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.142 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 70 Resp: 69791
Ion Ratio Lower Upper
70 100
42 44.1 44.3 66.5#
101 0.0 7.9 11.9#
130 2.3 18.1 27.1#

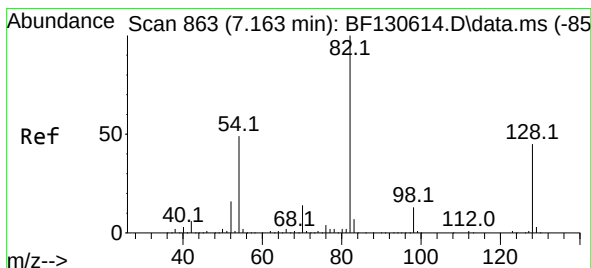
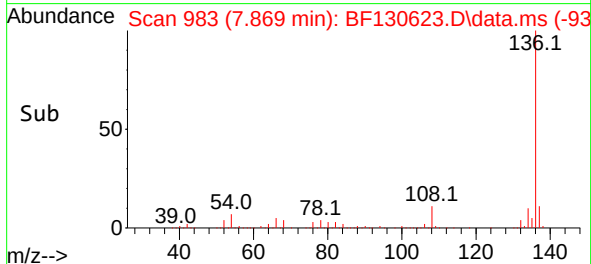
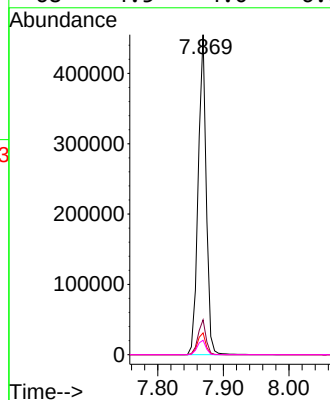
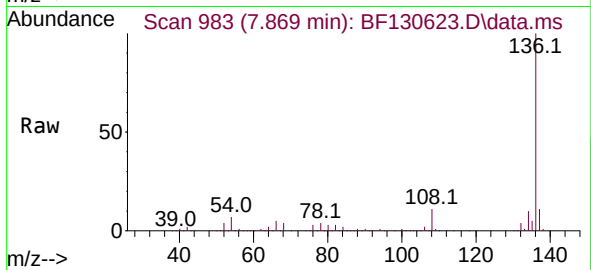




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

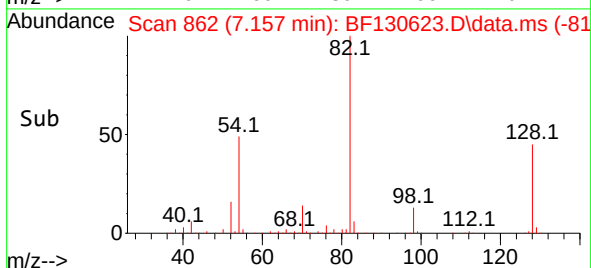
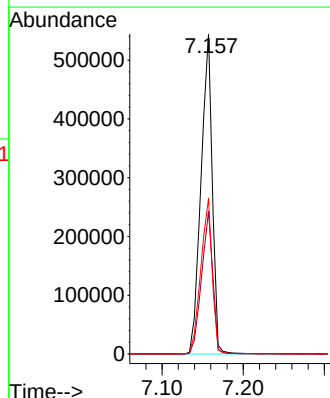
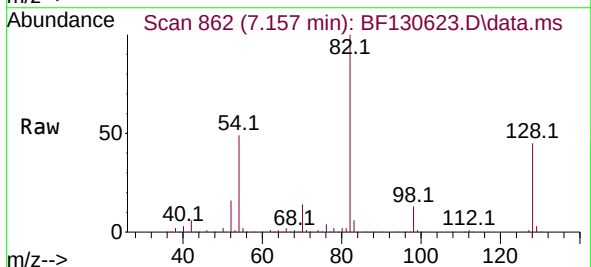
Instrument :
BNA_F
ClientSampleId :
PB148276BL

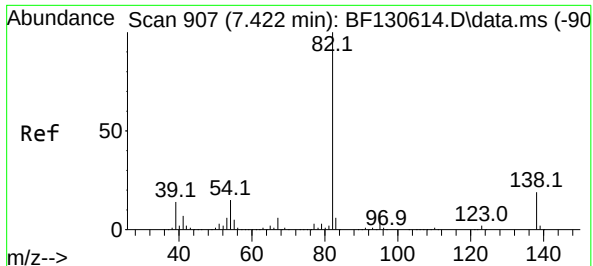
Tgt Ion:136 Resp: 388198
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.8 5.5 8.3
68 4.5 4.0 6.0



#23
Nitrobenzene-d5
Concen: 74.058 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

Tgt Ion: 82 Resp: 526635
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 48.6 39.3 58.9

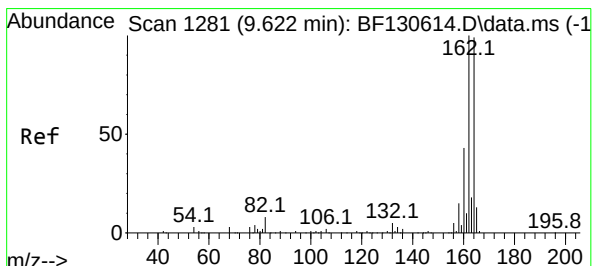
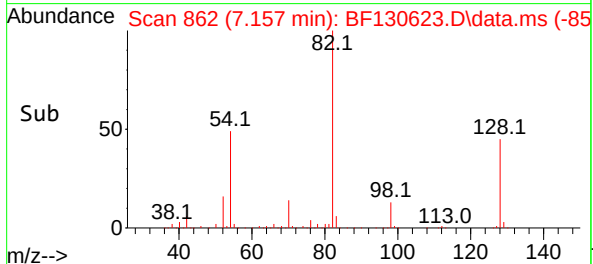
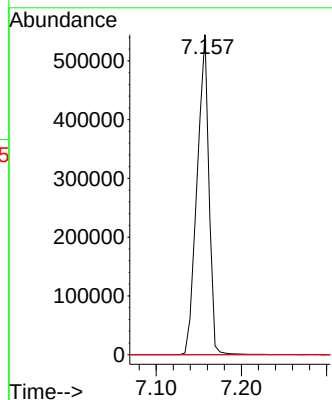
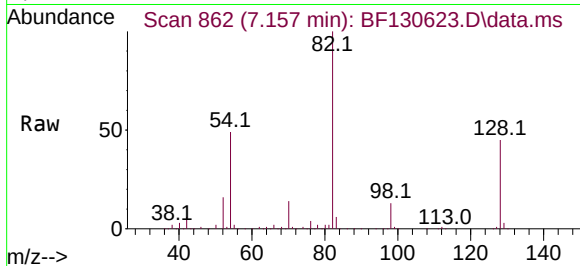




#25
Isophorone
Concen: 44.497 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

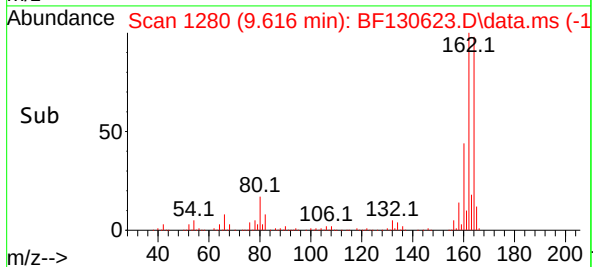
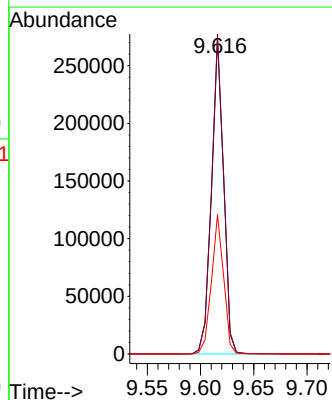
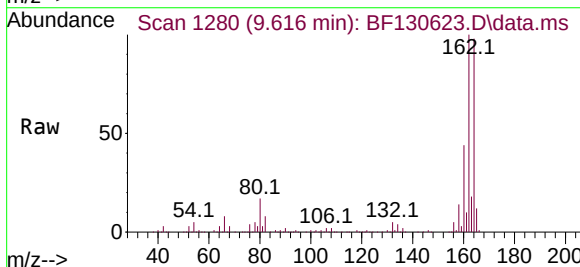
Instrument :
BNA_F
ClientSampleId :
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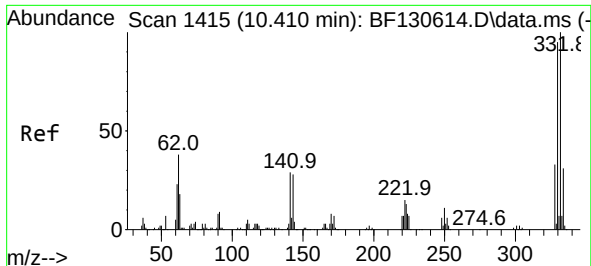
Tgt Ion: 82 Resp: 526631
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

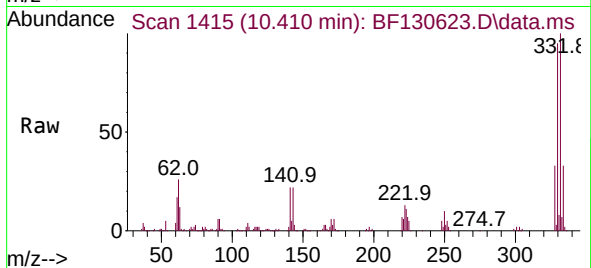
Tgt Ion:164 Resp: 215937
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 44.2 34.5 51.7



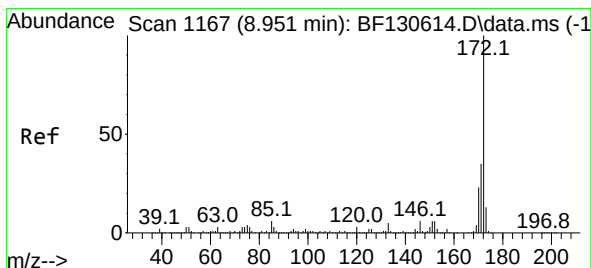
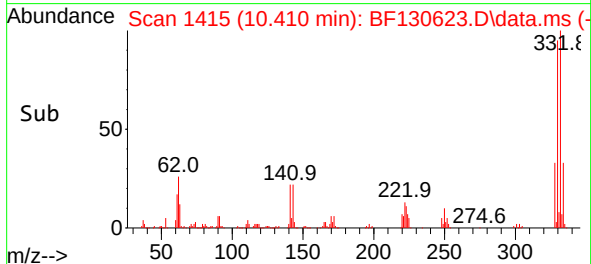
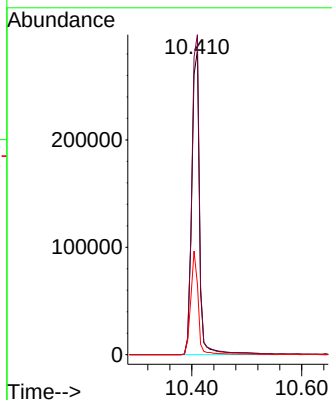


#42
2,4,6-Tribromophenol
Concen: 131.050 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

Instrument :
BNA_F
ClientSampleId :
PB148276BL

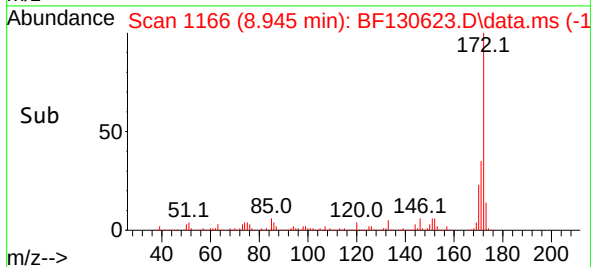
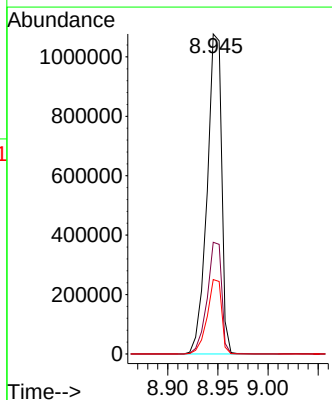
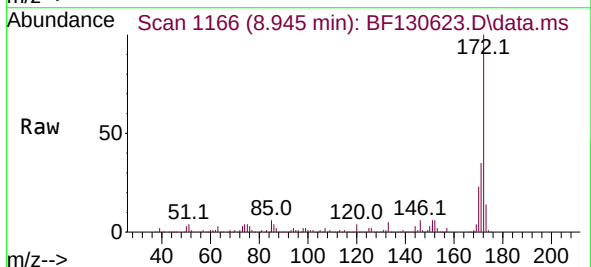


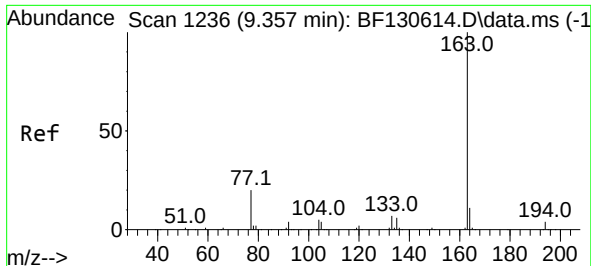
Tgt Ion:330 Resp: 276900
Ion Ratio Lower Upper
330 100
332 105.1 84.2 126.4
141 32.1 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 76.151 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

Tgt Ion:172 Resp: 1085577
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.3 18.6 27.8

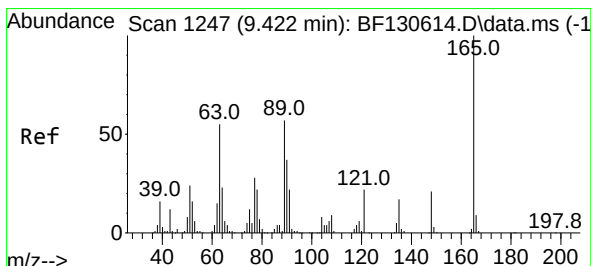
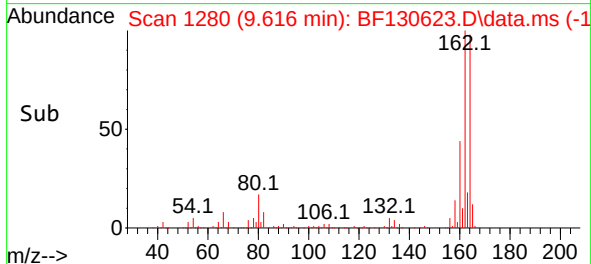
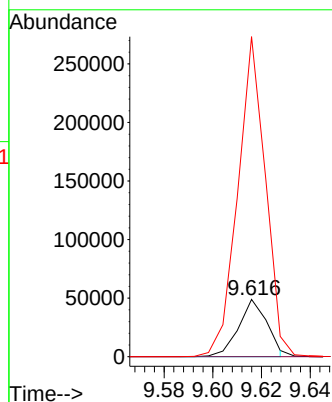
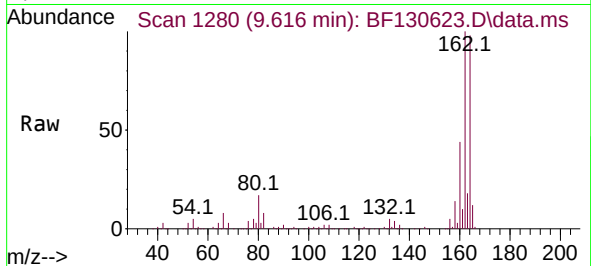




#50
Dimethylphthalate
Concen: 2.677 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.259 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

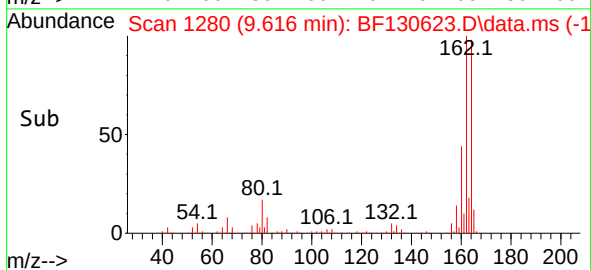
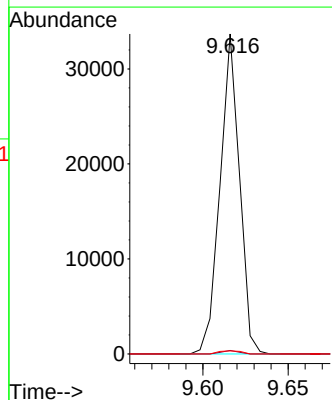
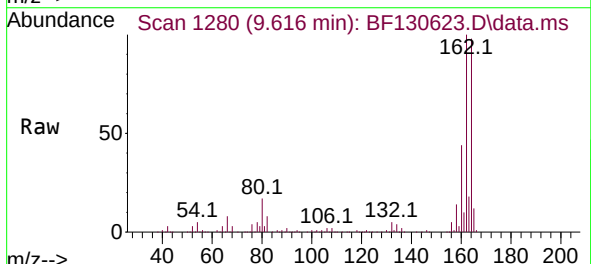
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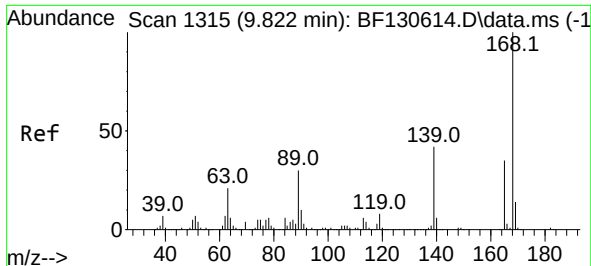
Tgt Ion:163 Resp: 40010
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 559.0 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.168 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

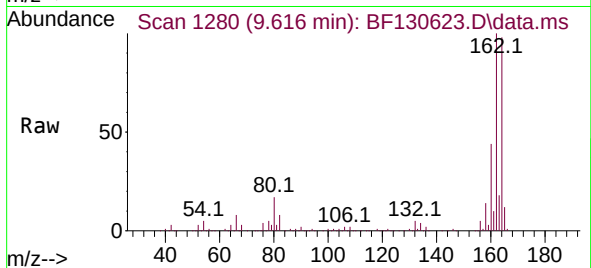
Tgt Ion:165 Resp: 26782
Ion Ratio Lower Upper
165 100
63 1.1 45.3 67.9#
89 0.9 45.6 68.4#



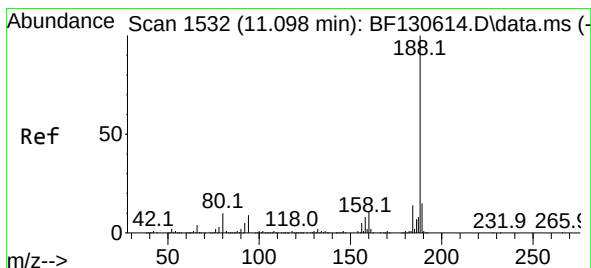
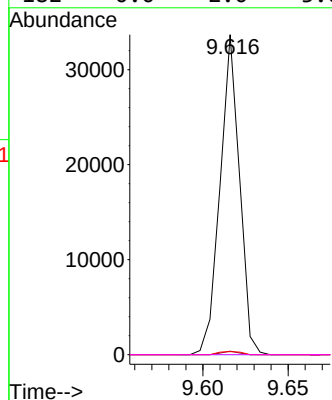
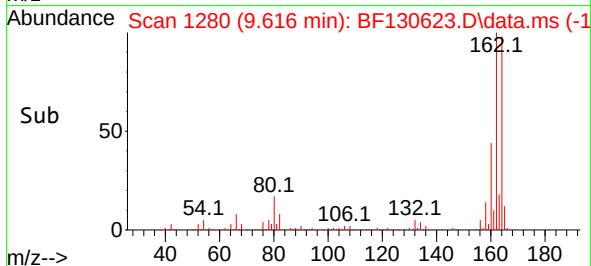


#57
2,4-Dinitrotoluene
Concen: 6.355 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

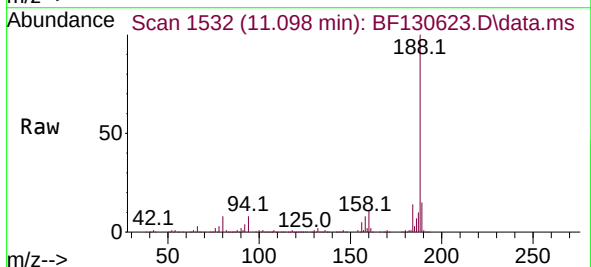
Instrument :
BNA_F
ClientSampleId :
PB148276BL



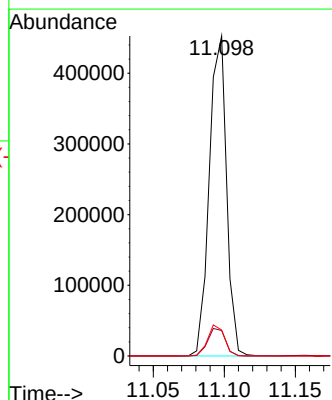
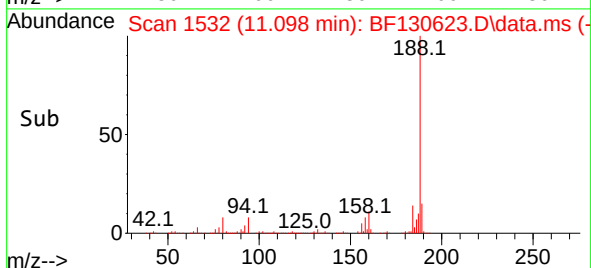
Tgt Ion:165 Resp: 26782
Ion Ratio Lower Upper
165 100
63 1.1 50.6 76.0#
89 0.9 68.6 102.8#
182 0.0 2.0 3.0#

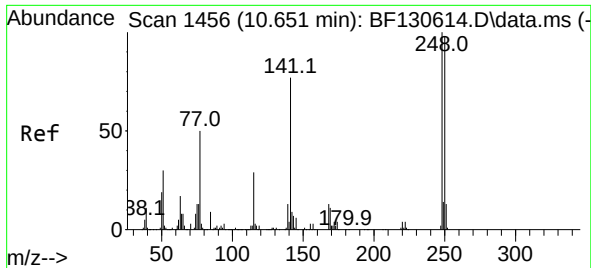


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24



Tgt Ion:188 Resp: 384045
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.1 8.0 12.0

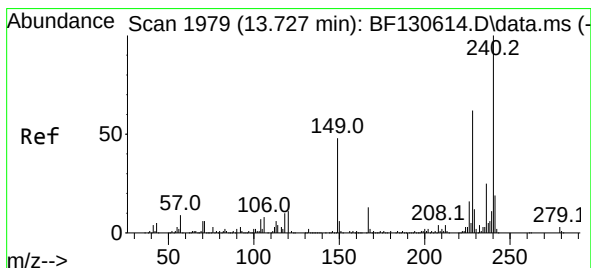
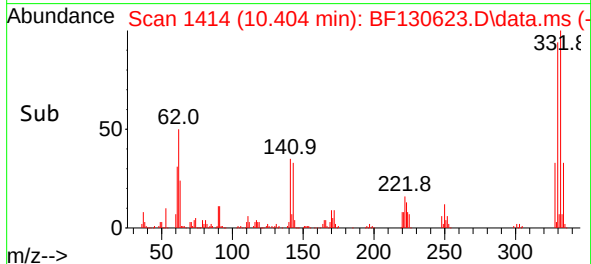
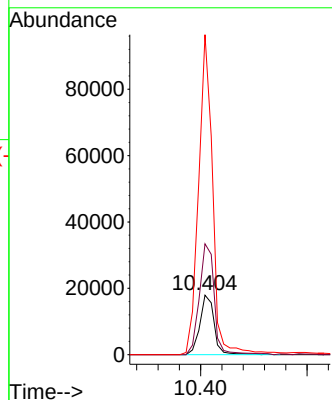
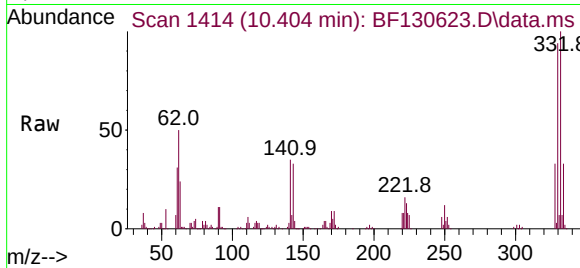




#67
4-Bromophenyl-phenylether
Concen: 3.858 ng
RT: 10.404 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

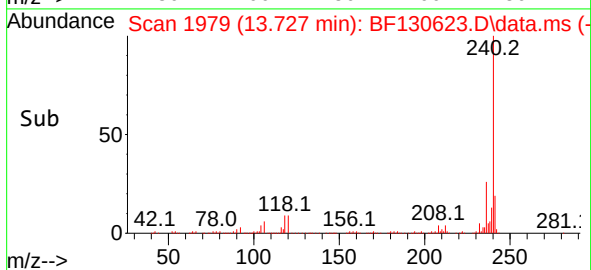
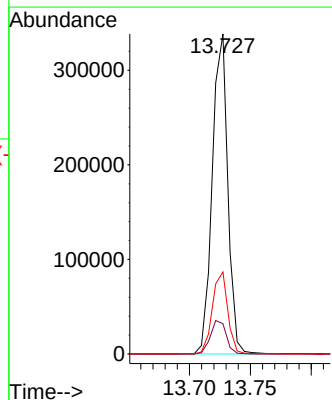
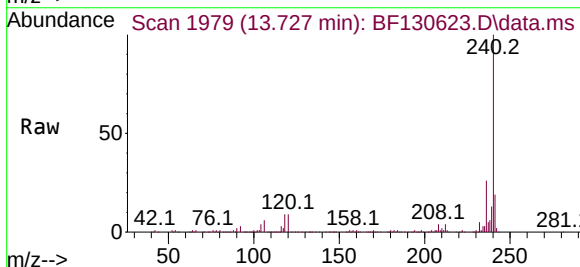
Instrument :
BNA_F
ClientSampleId :
PB148276BL

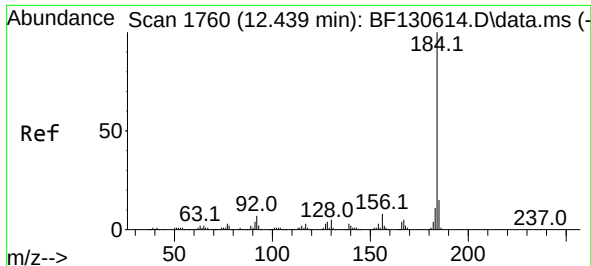
Tgt Ion:248 Resp: 16765
Ion Ratio Lower Upper
248 100
250 186.2 78.7 118.1#
141 537.4 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

Tgt Ion:240 Resp: 298999
Ion Ratio Lower Upper
240 100
120 9.5 8.6 13.0
236 25.7 20.2 30.4

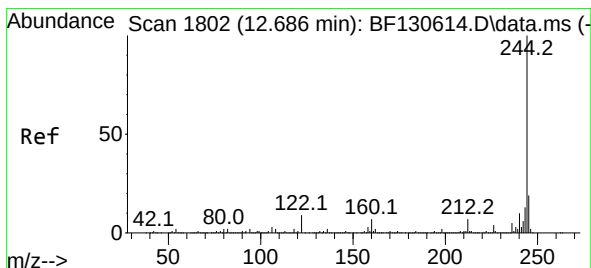
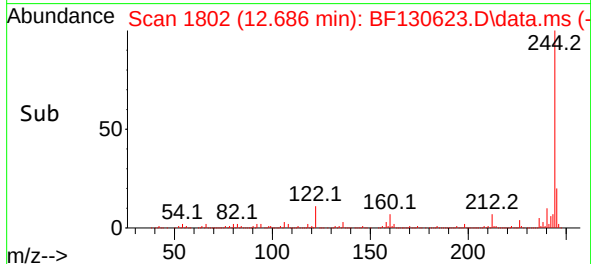
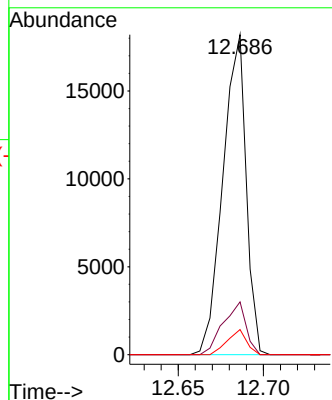
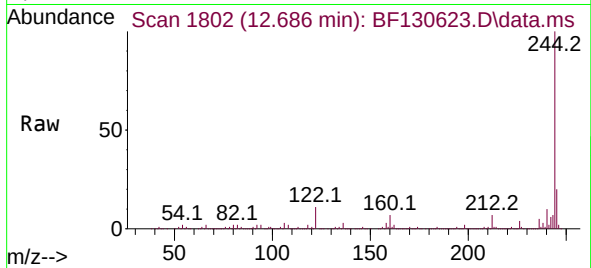




#77
Benzidine
Concen: 2.284 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.247 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

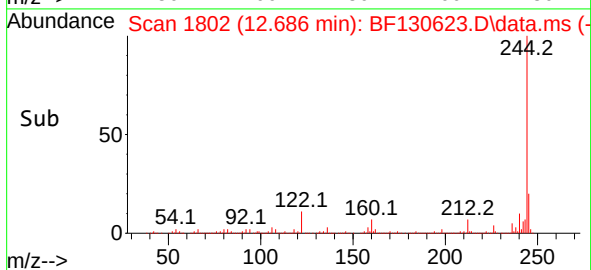
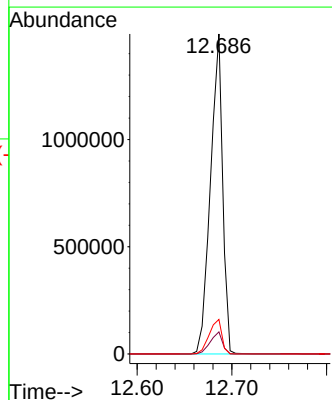
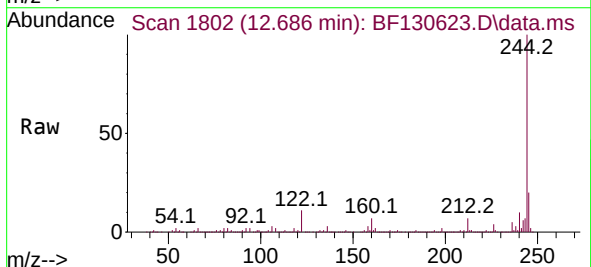
Instrument :
BNA_F
ClientSampleId :
PB148276BL

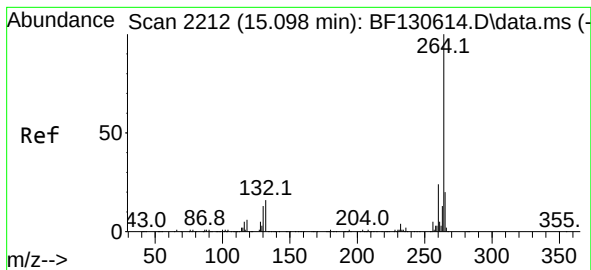
Tgt Ion:184 Resp: 17263
Ion Ratio Lower Upper
184 100
185 16.5 12.0 18.0
183 7.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 73.578 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF130623.D
Acq: 12 Oct 2022 11:24

Tgt Ion:244 Resp: 1325495
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.8 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130623.D

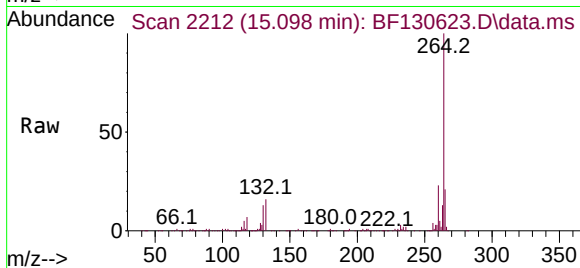
Acq: 12 Oct 2022 11:24

Instrument :

BNA_F

ClientSampleId :

PB148276BL



Tgt Ion:264 Resp: 234716

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.2 16.4 24.6

