

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131630.D
 Acq On : 14 Dec 2022 14:43
 Operator : CG\JU
 Sample : PB149594BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149594BL

Quant Time: Dec 15 01:53:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

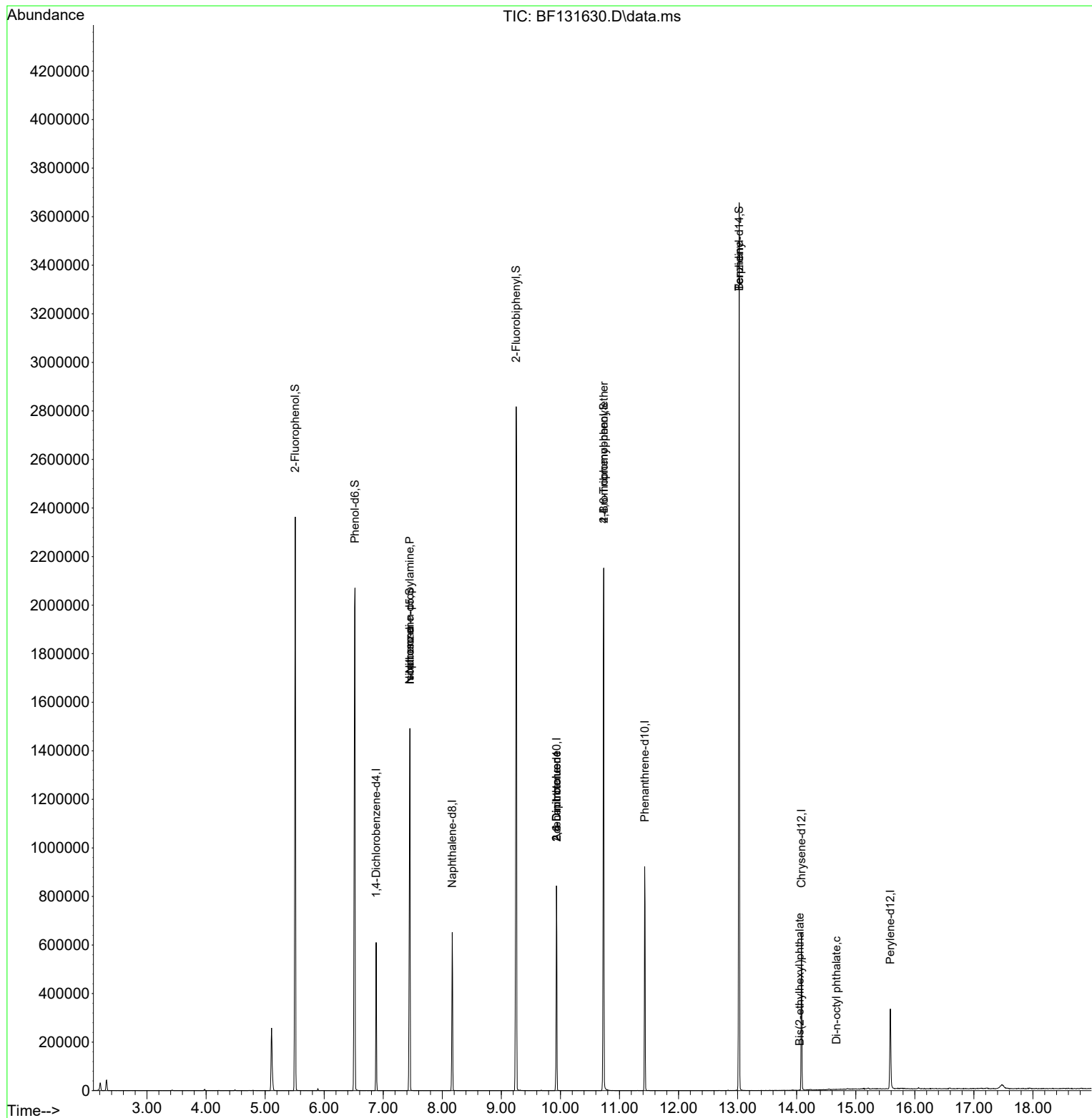
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75372	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	280764	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	166603	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	330916	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	202834	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	160674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	608186	134.616	ng	0.01
7) Phenol-d6	6.522	99	787394	132.996	ng	0.00
23) Nitrobenzene-d5	7.451	82	543812	73.228	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	240202	129.768	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	985933	74.617	ng	0.00
79) Terphenyl-d14	13.027	244	1191453	80.557	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	76441	17.219	ng	# 75
25) Isophorone	7.451	82	543805	45.461	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	21908	8.356	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	21908	6.299	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	16148	3.793	ng	# 1
77) Benzidine	13.027	184	17900	3.294	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.051	149	135	3.048	ng	# 54
85) Di-n-octyl phthalate	14.674	149	255	5.237	ng	# 1

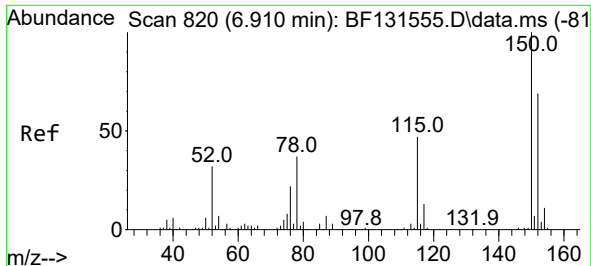
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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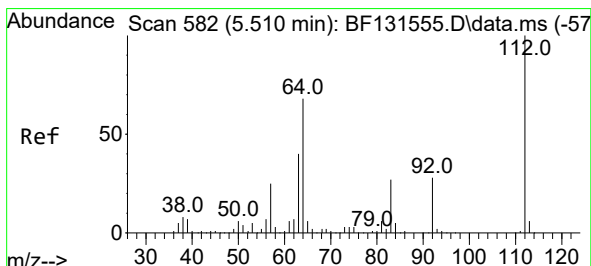
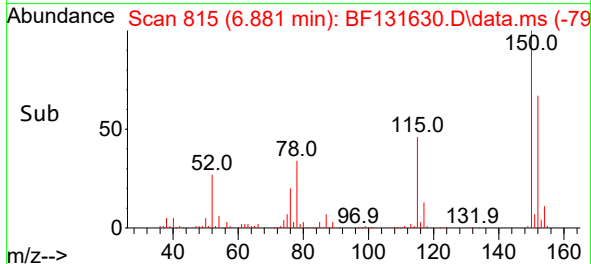
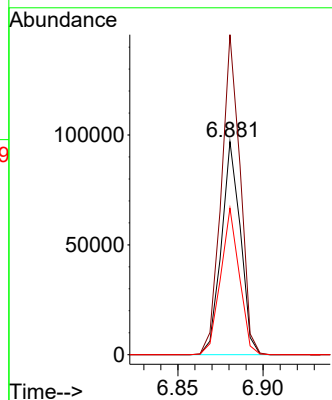
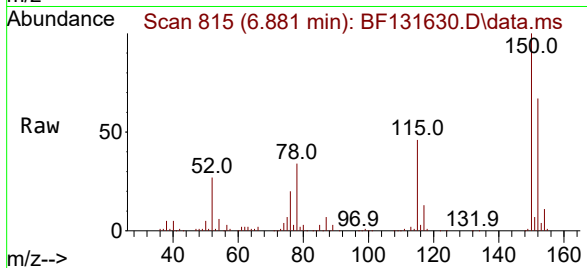




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

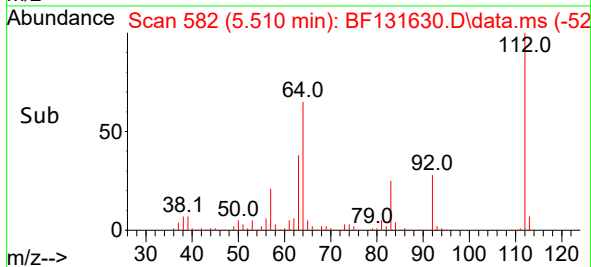
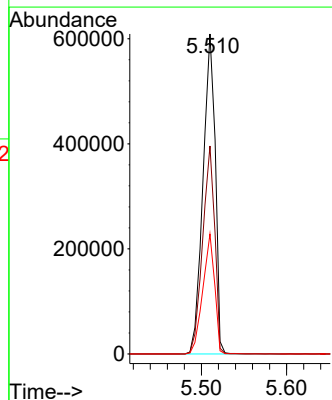
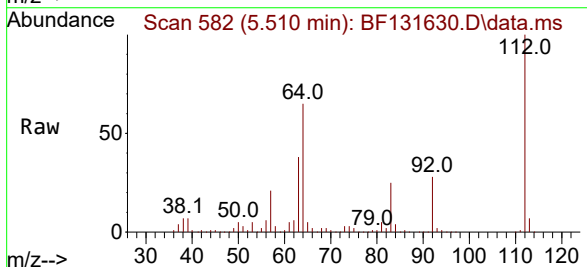
Instrument :
BNA_F
ClientSampleId :
PB149594BL

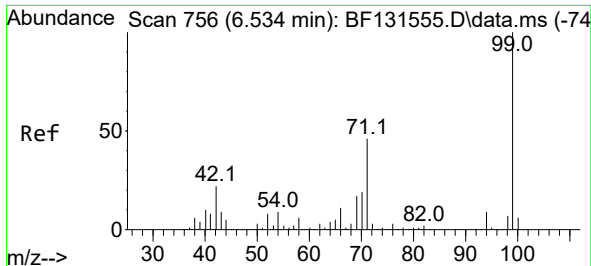
Tgt Ion:152 Resp: 75372
Ion Ratio Lower Upper
152 100
150 150.2 116.7 175.1
115 68.8 54.6 82.0



#5
2-Fluorophenol
Concen: 134.616 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion:112 Resp: 608186
Ion Ratio Lower Upper
112 100
64 65.0 54.5 81.7
63 37.5 31.9 47.9

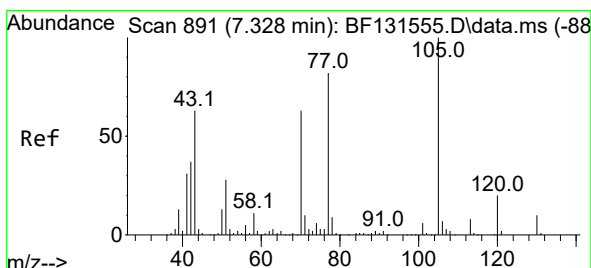
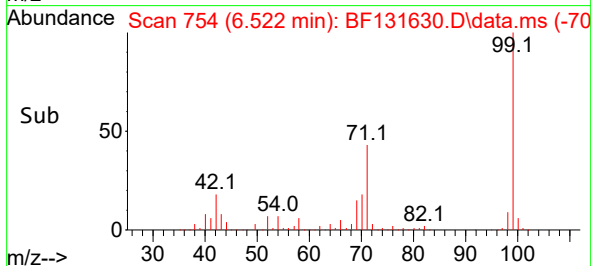
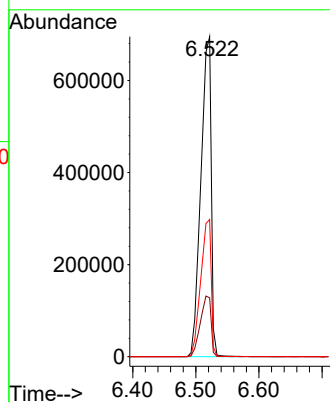
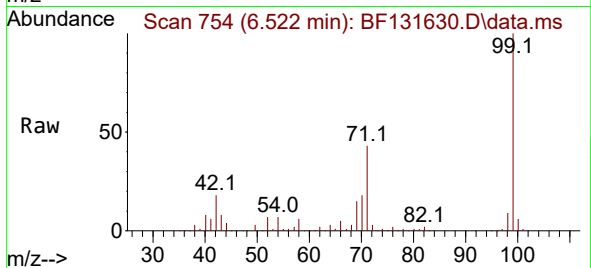




#7
Phenol-d6
Concen: 132.996 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

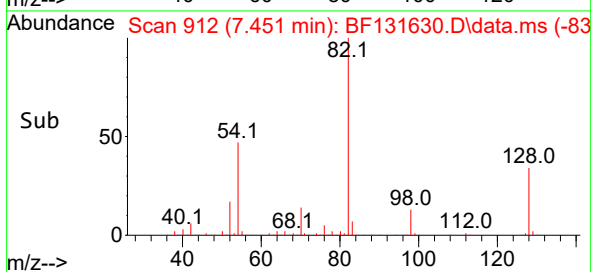
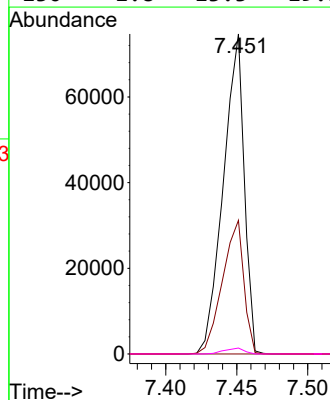
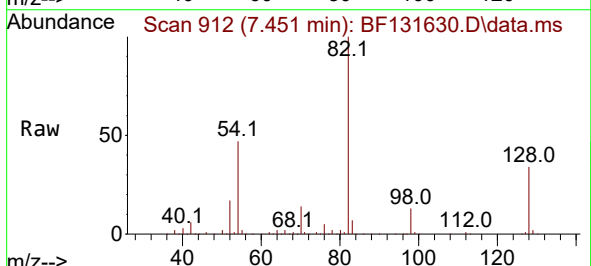
Instrument :
BNA_F
ClientSampleId :
PB149594BL

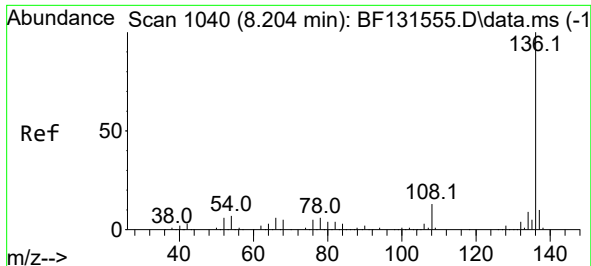
Tgt Ion: 99 Resp: 787394
Ion Ratio Lower Upper
99 100
42 18.4 17.9 26.9
71 42.8 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.219 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

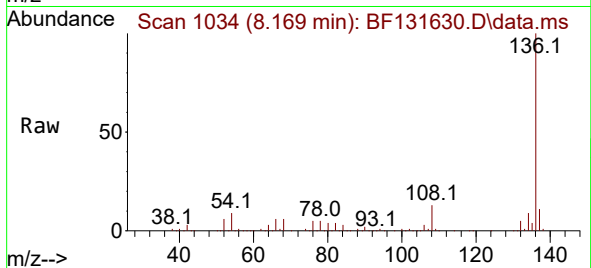
Tgt Ion: 70 Resp: 76441
Ion Ratio Lower Upper
70 100
42 41.8 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#



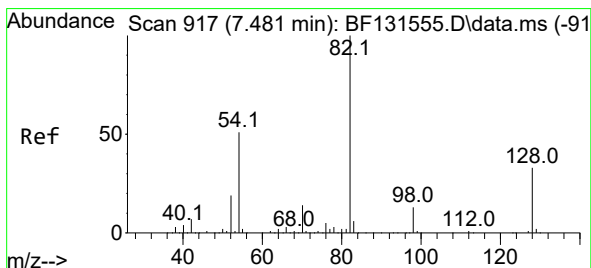
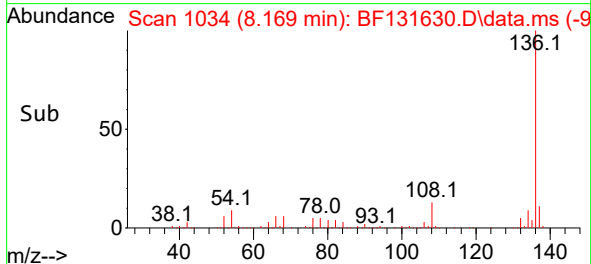
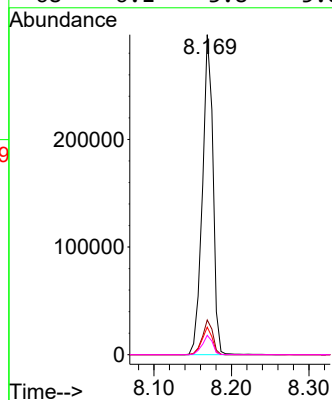


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Instrument :
BNA_F
ClientSampleId :
PB149594BL

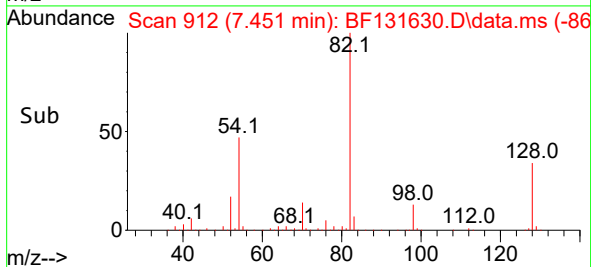
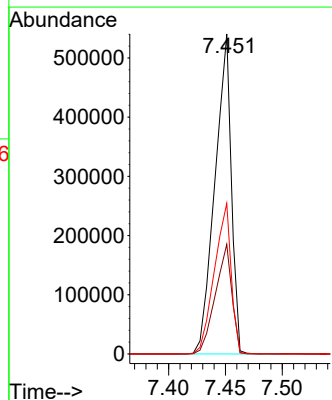
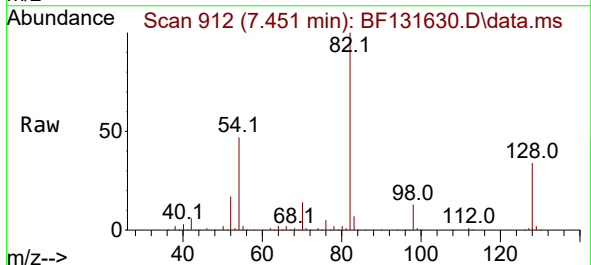


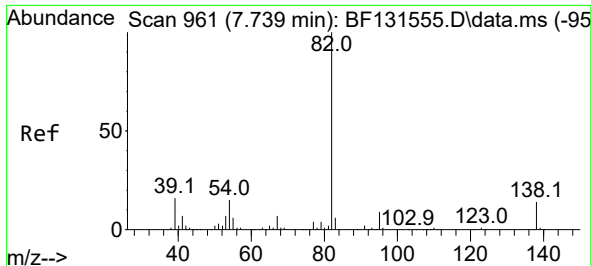
Tgt Ion:136 Resp: 280764
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.6 6.0 9.0
68 6.1 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 73.228 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion: 82 Resp: 543812
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 47.1 40.6 60.8

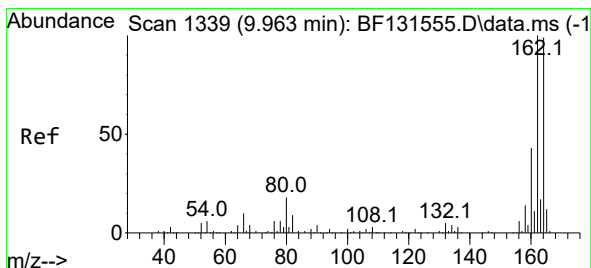
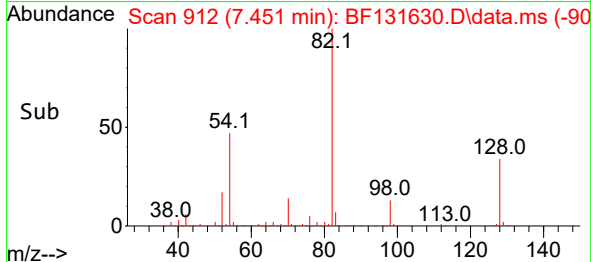
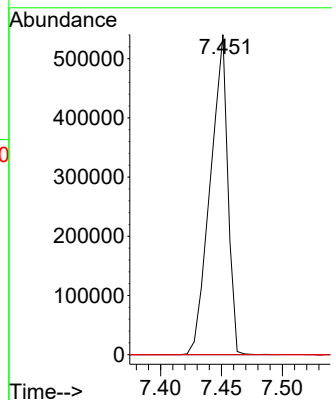
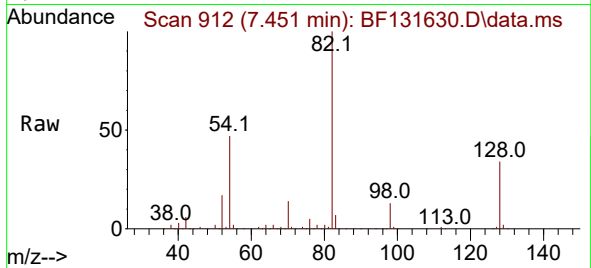




#25
Isophorone
Concen: 45.461 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

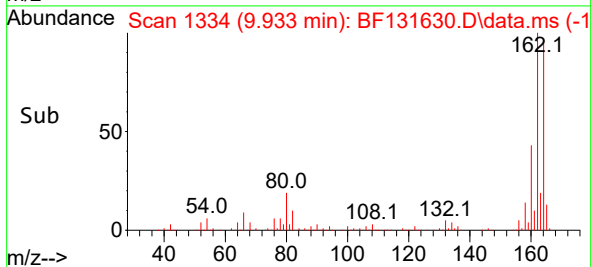
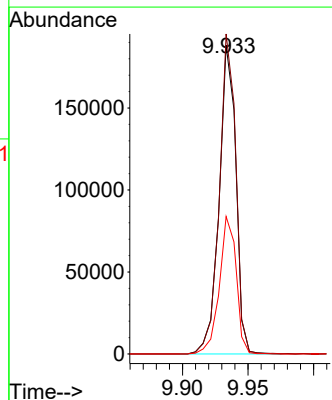
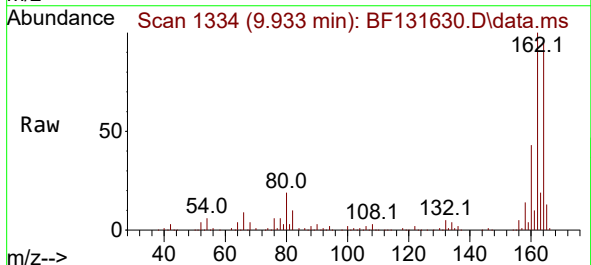
Instrument :
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ClientSampleId :
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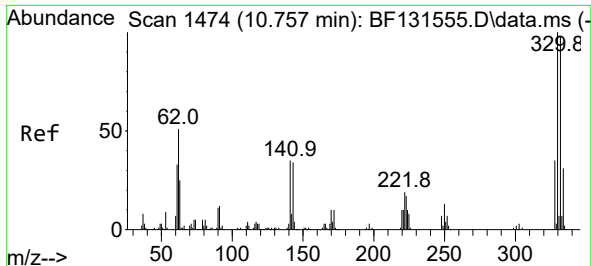
Tgt Ion: 82 Resp: 543805
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion:164 Resp: 166603
Ion Ratio Lower Upper
164 100
162 103.6 81.0 121.6
160 44.5 35.0 52.6

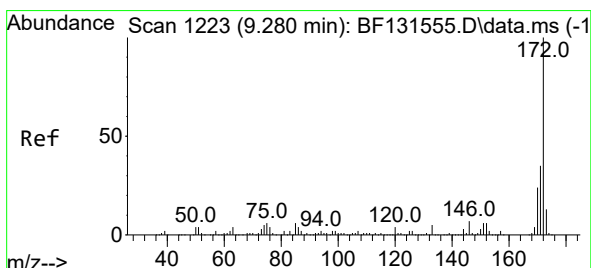
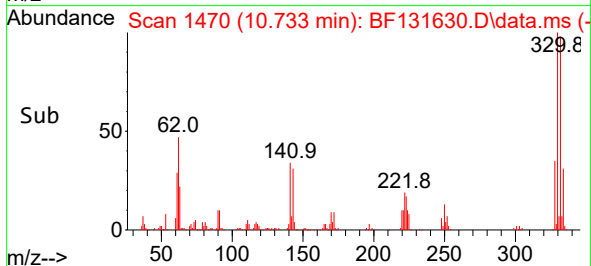
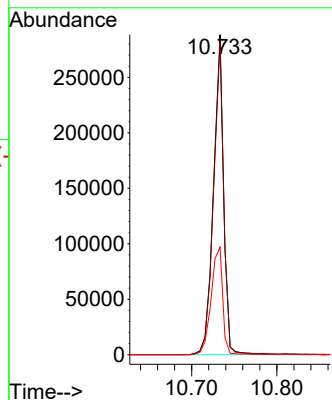
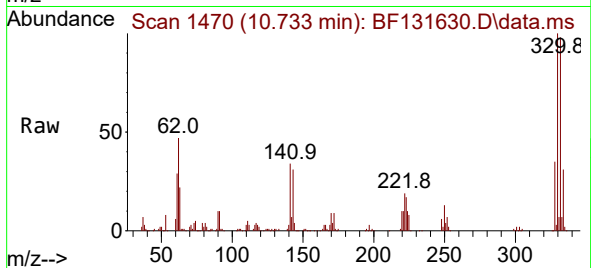




#42
2,4,6-Tribromophenol
Concen: 129.768 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

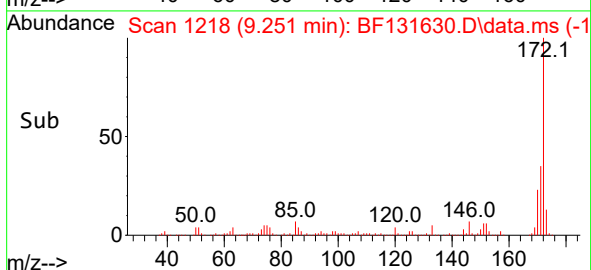
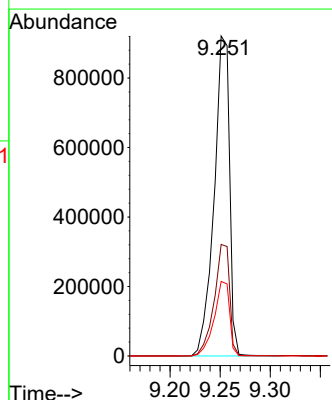
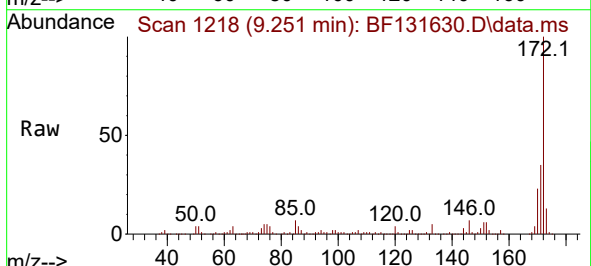
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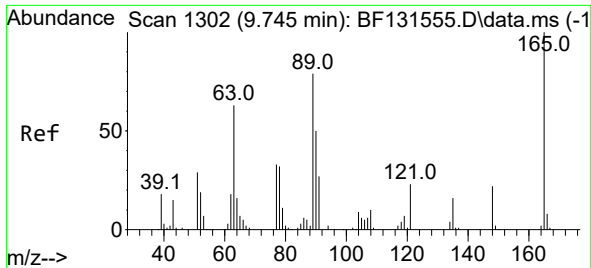
Tgt Ion:330 Resp: 240202
Ion Ratio Lower Upper
330 100
332 98.0 78.3 117.5
141 38.1 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 74.617 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion:172 Resp: 985933
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.3 19.3 28.9

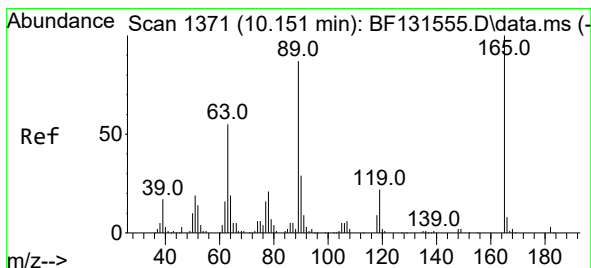
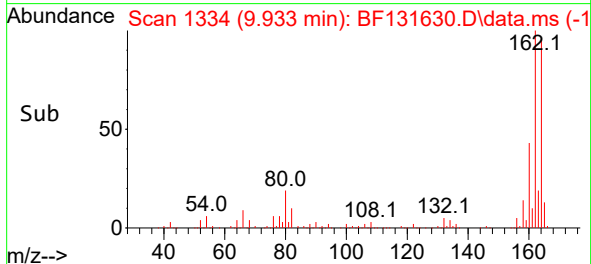
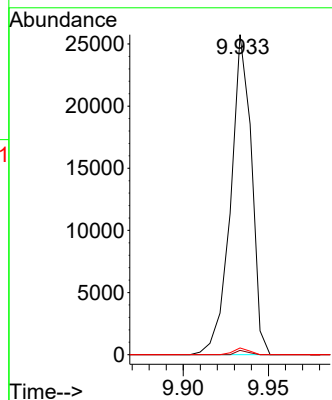
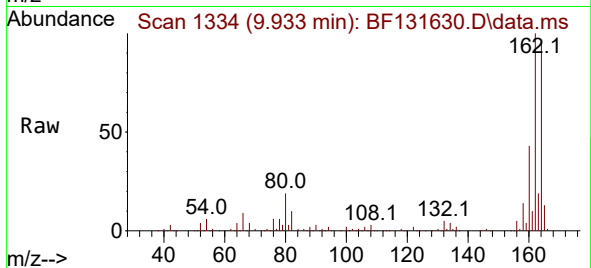




#51
2,6-Dinitrotoluene
Concen: 8.356 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

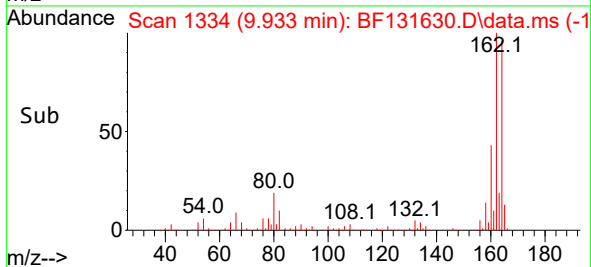
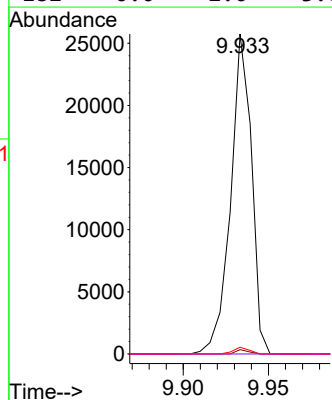
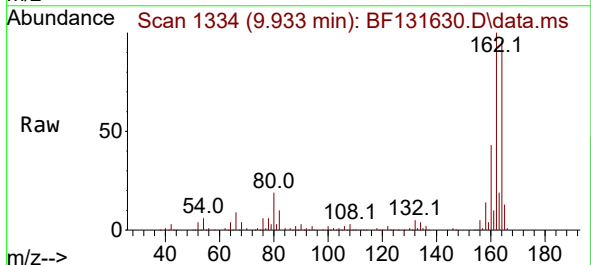
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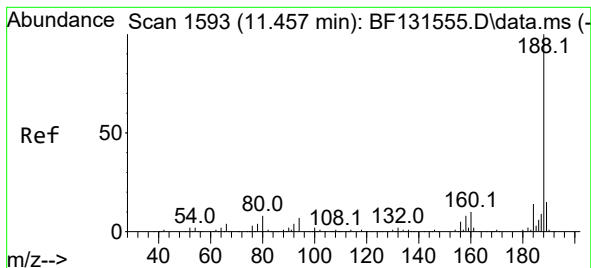
Tgt Ion:165 Resp: 21908
Ion Ratio Lower Upper
165 100
63 1.3 67.9 101.9#
89 2.1 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.299 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion:165 Resp: 21908
Ion Ratio Lower Upper
165 100
63 1.3 44.4 66.6#
89 2.1 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB149594BL

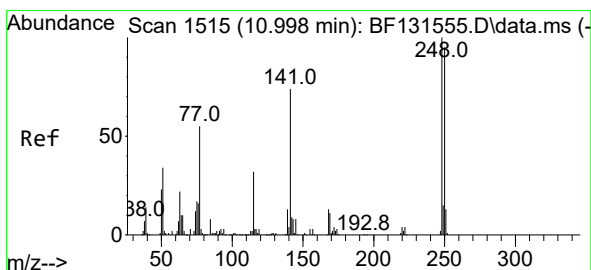
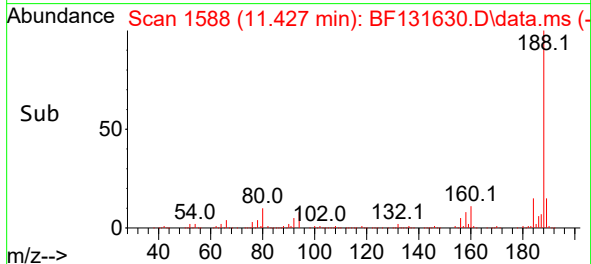
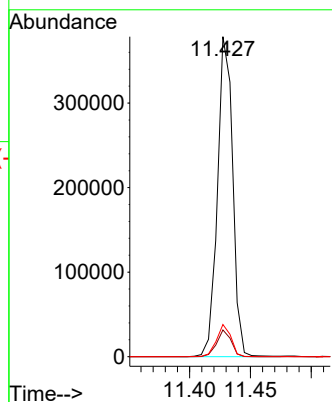
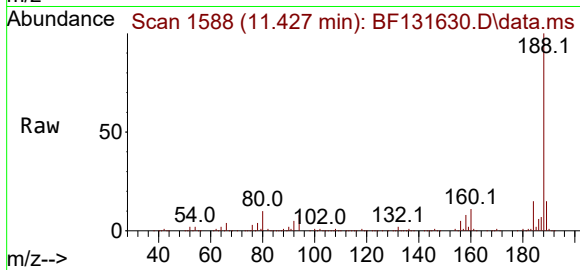
Tgt Ion:188 Resp: 330916

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 10.0 6.6 10.0#



#67

4-Bromophenyl-phenylether

Concen: 3.793 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.241 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

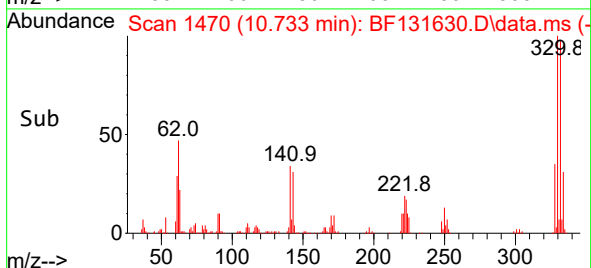
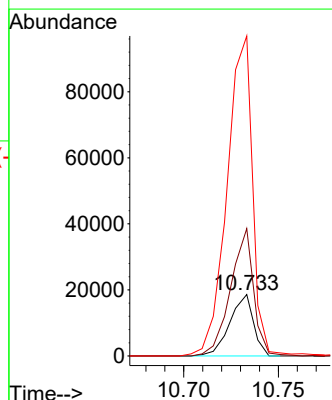
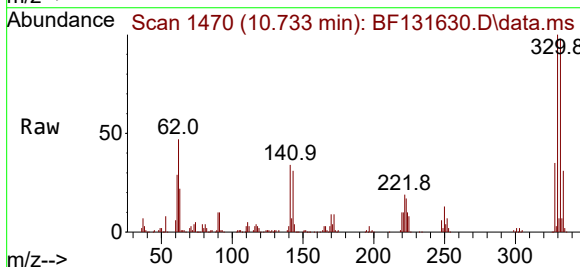
Tgt Ion:248 Resp: 16148

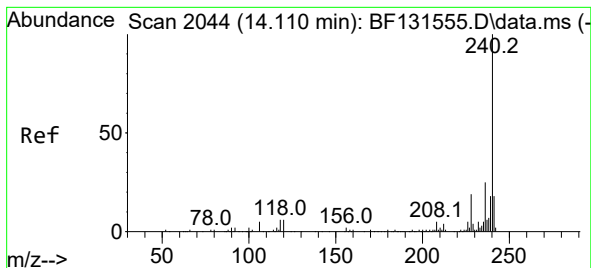
Ion Ratio Lower Upper

248 100

250 207.5 76.2 114.2#

141 521.4 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. -0.006 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB149594BL

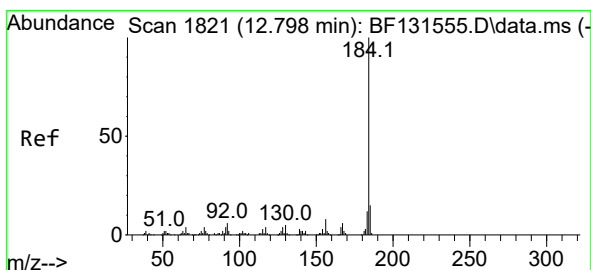
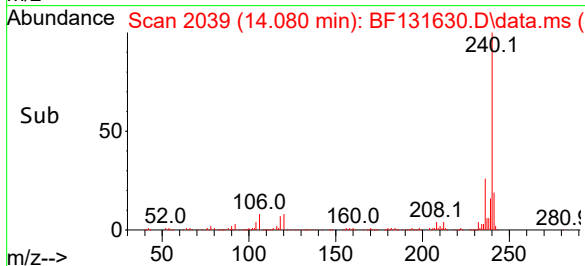
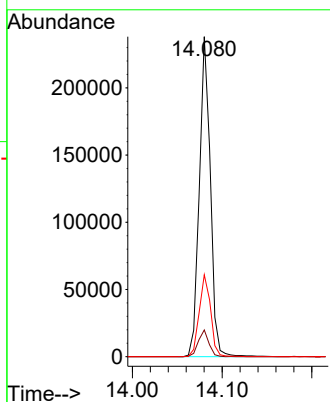
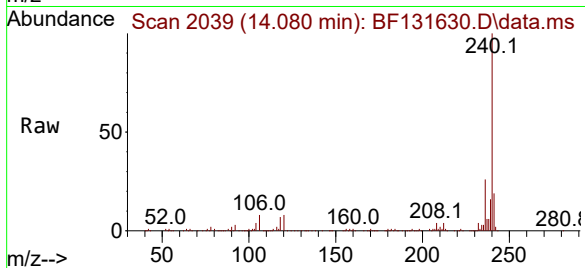
Tgt Ion:240 Resp: 202834

Ion Ratio Lower Upper

240 100

120 8.3 4.6 7.0#

236 25.6 20.2 30.2



#77

Benzidine

Concen: 3.294 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.253 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

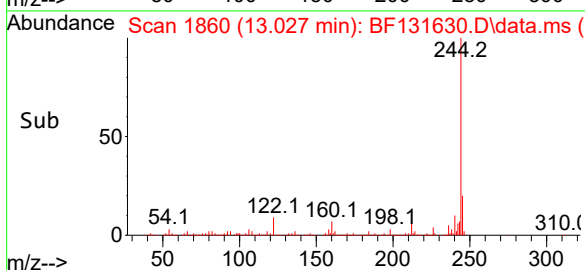
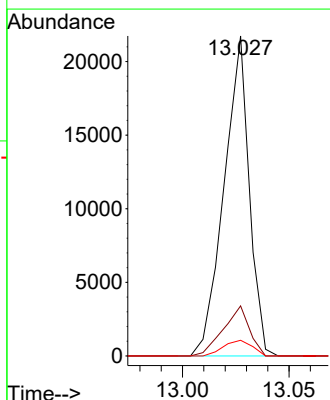
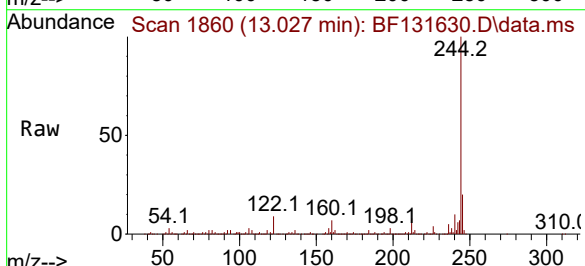
Tgt Ion:184 Resp: 17900

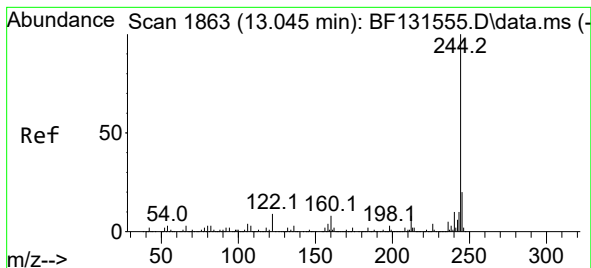
Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

183 4.9 9.3 13.9#





#79

Terphenyl-d14

Concen: 80.557 ng

RT: 13.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB149594BL

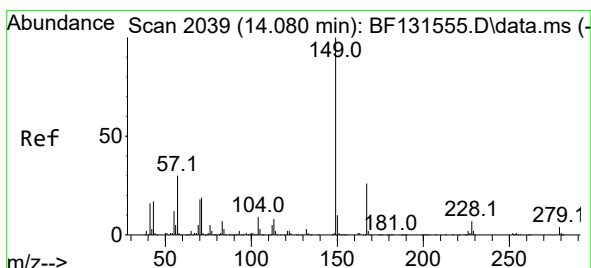
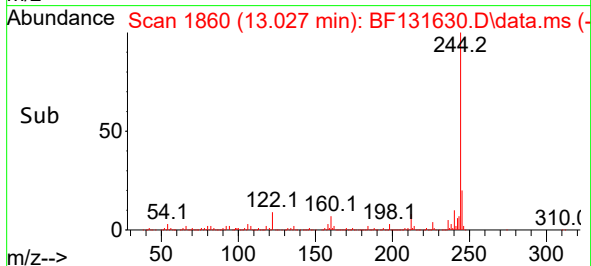
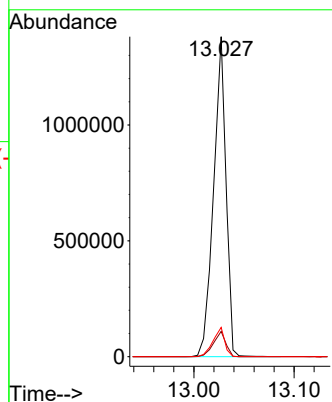
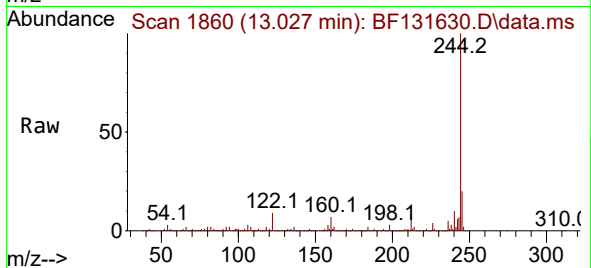
Tgt Ion:244 Resp: 1191453

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.2 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.048 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF131630.D

Acq: 14 Dec 2022 14:43

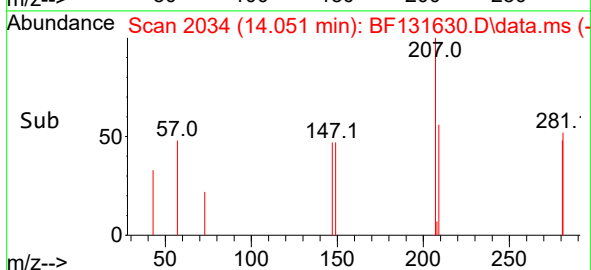
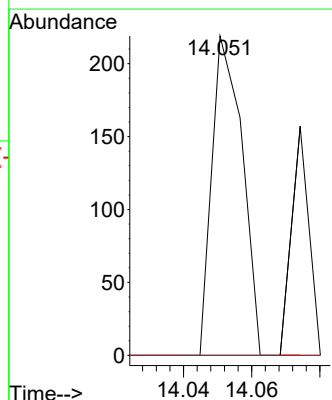
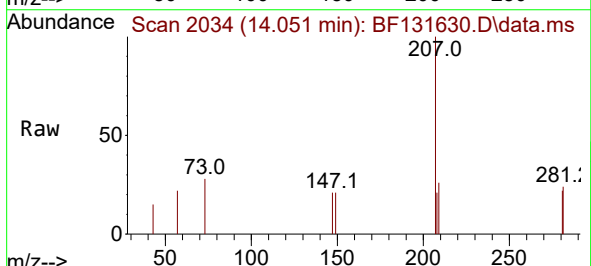
Tgt Ion:149 Resp: 135

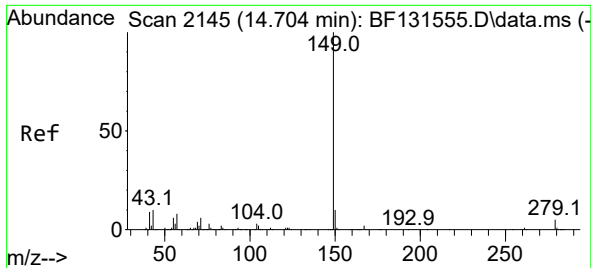
Ion Ratio Lower Upper

149 100

167 0.0 20.8 31.2#

279 0.0 3.3 4.9#

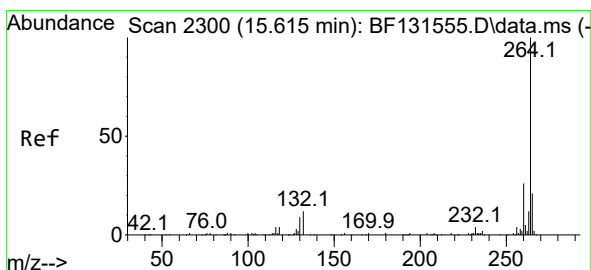
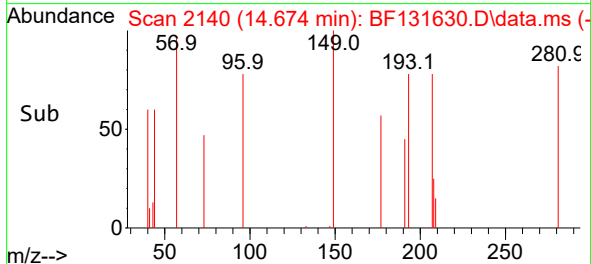
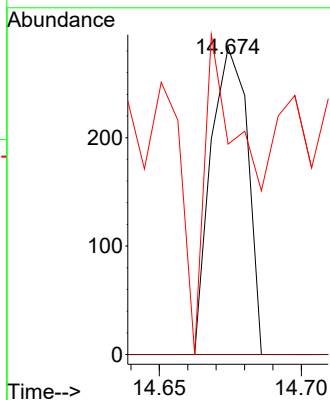
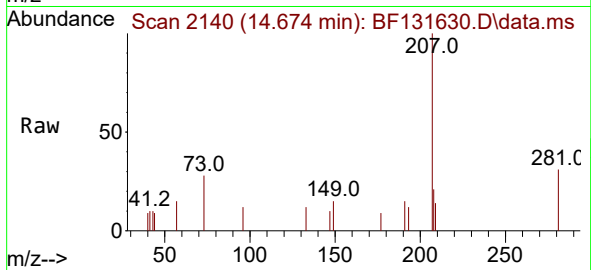




#85
Di-n-octyl phthalate
Concen: 5.237 ng
RT: 14.674 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Instrument :
BNA_F
ClientSampleId :
PB149594BL

Tgt Ion:149 Resp: 255
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 117.3 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF131630.D
Acq: 14 Dec 2022 14:43

Tgt Ion:264 Resp: 160674
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 20.9 16.8 25.2

