

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131662.D
 Acq On : 16 Dec 2022 12:35
 Operator : CG\JU
 Sample : PB149631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149631BL

Quant Time: Dec 16 16:57:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

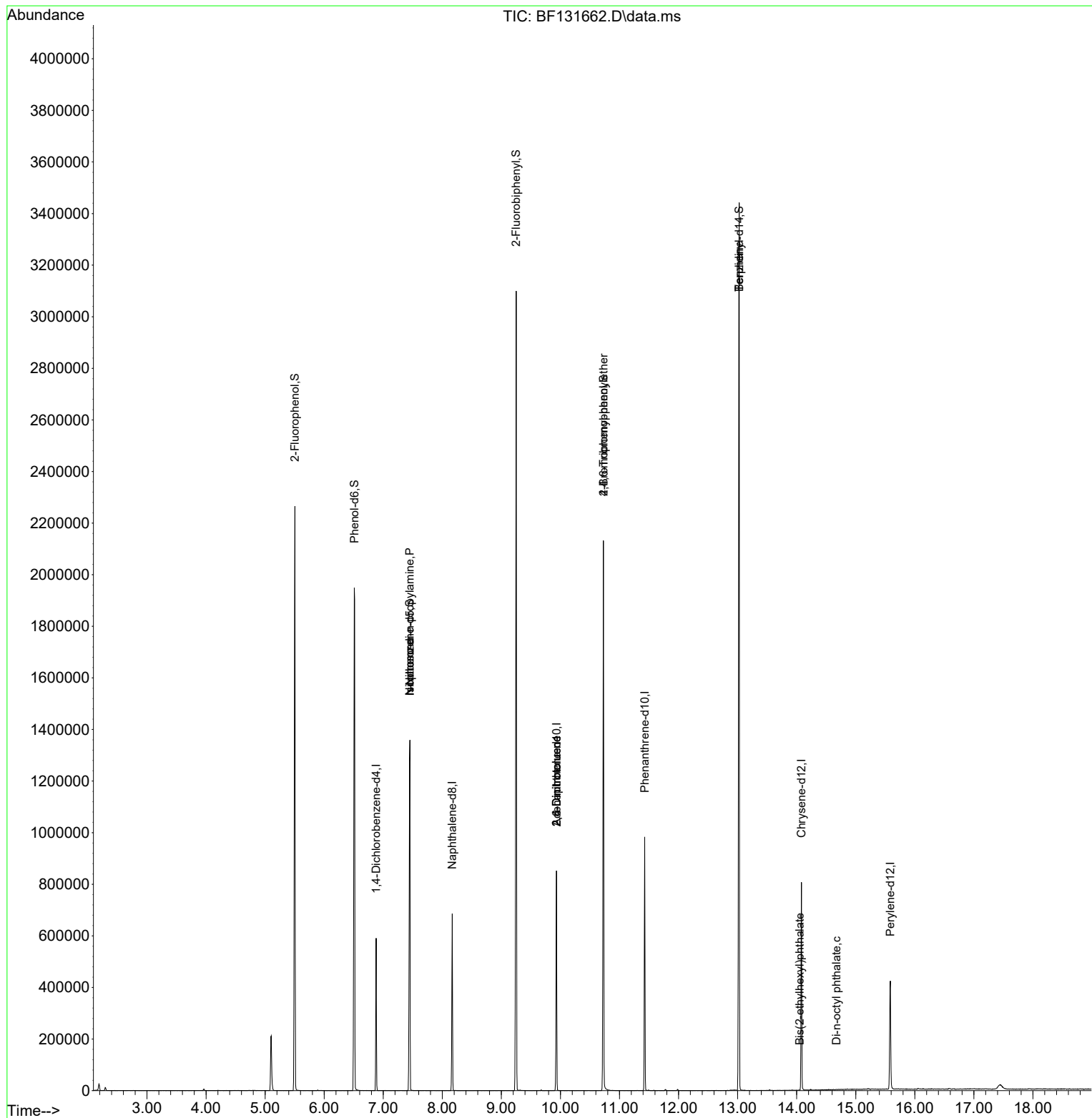
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	73232	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	263292	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	158551	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	323575	20.000	ng	0.00
76) Chrysene-d12	14.080	240	258460	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	206334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	570806	130.034	ng	0.01
7) Phenol-d6	6.510	99	738569	128.395	ng	0.00
23) Nitrobenzene-d5	7.451	82	510859	73.356	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	231596	131.473	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	914379	72.716	ng	0.00
79) Terphenyl-d14	13.027	244	1275768	67.693	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	72058	16.706	ng	# 75
25) Isophorone	7.451	82	510855	45.541	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	20845	8.354	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	20845	6.298	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	15987	3.841	ng	# 1
77) Benzidine	13.027	184	19977	2.885	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.051	149	382	3.068	ng	# 54
85) Di-n-octyl phthalate	14.674	149	462	5.244	ng	# 39

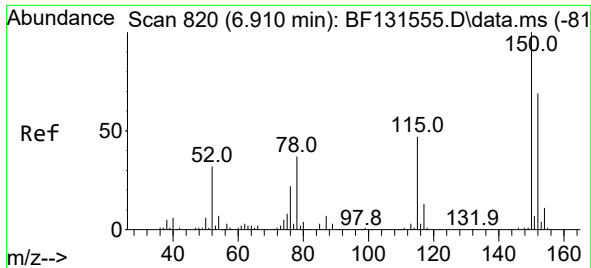
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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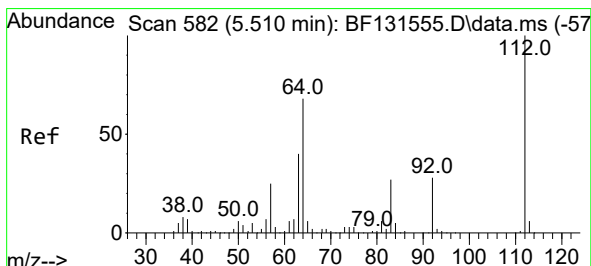
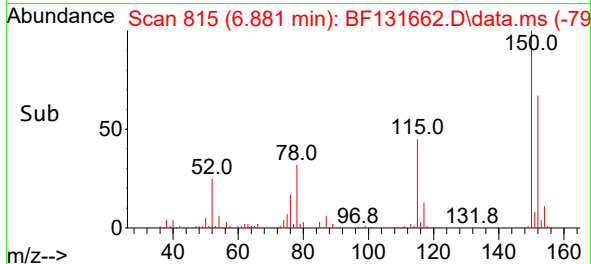
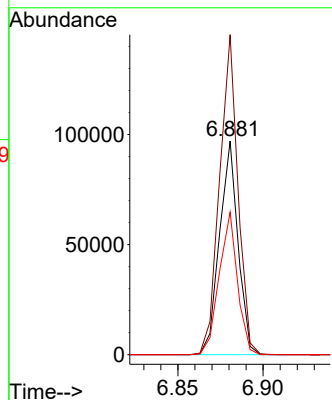
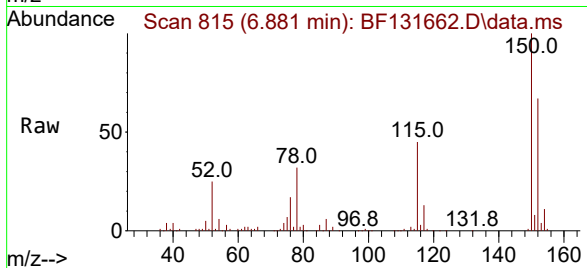




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

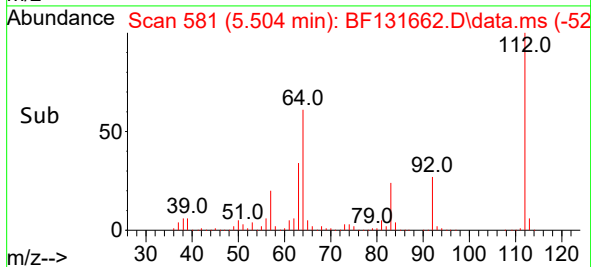
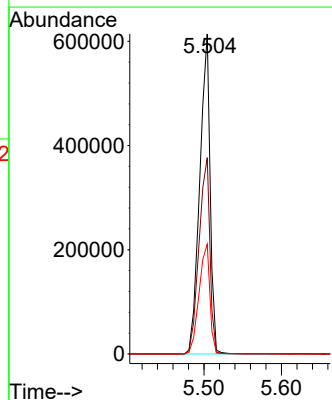
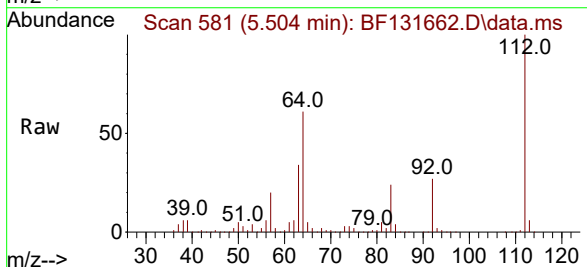
Instrument :
BNA_F
ClientSampleId :
PB149631BL

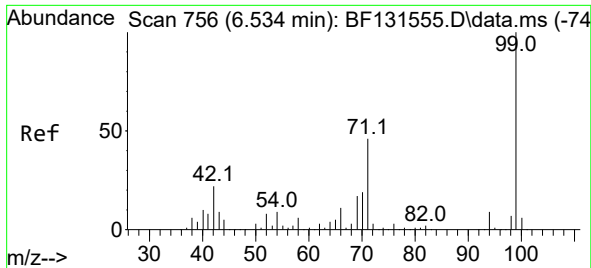
Tgt Ion:152 Resp: 73232
Ion Ratio Lower Upper
152 100
150 149.8 116.7 175.1
115 66.7 54.6 82.0



#5
2-Fluorophenol
Concen: 130.034 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion:112 Resp: 570806
Ion Ratio Lower Upper
112 100
64 61.3 54.5 81.7
63 34.3 31.9 47.9

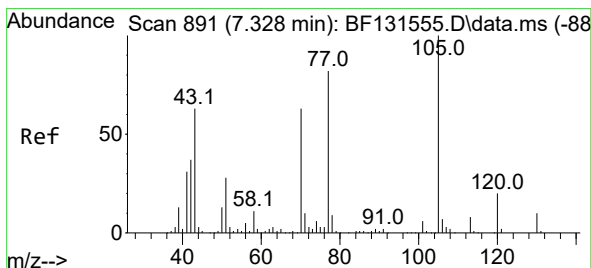
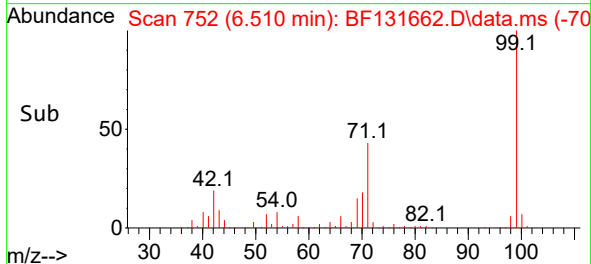
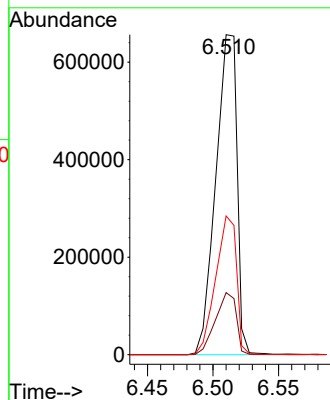
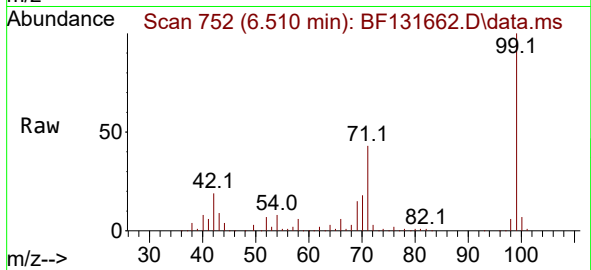




#7
Phenol-d6
Concen: 128.395 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

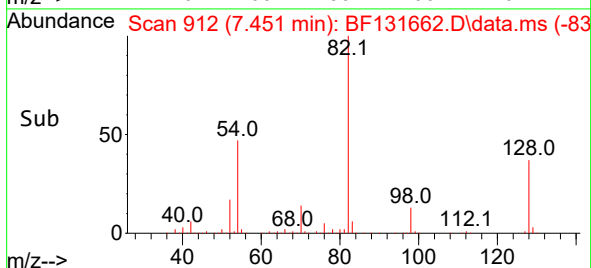
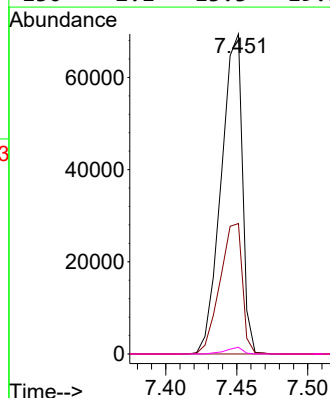
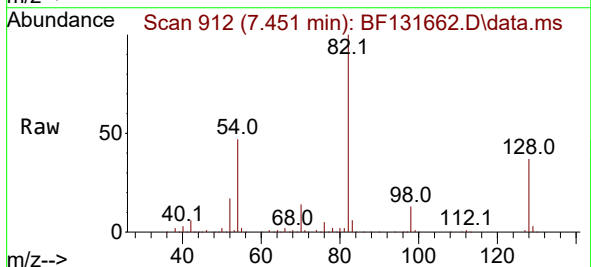
Instrument :
BNA_F
ClientSampleId :
PB149631BL

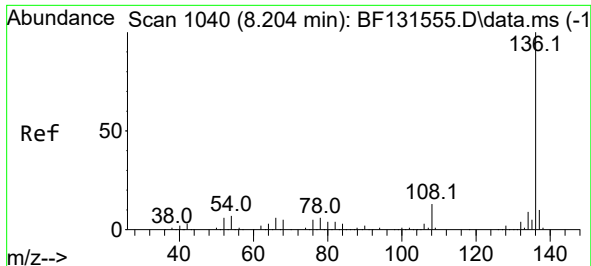
Tgt Ion: 99 Resp: 738569
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 43.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.706 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion: 70 Resp: 72058
Ion Ratio Lower Upper
70 100
42 40.8 46.4 69.6#
101 0.0 7.2 10.8#
130 2.1 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

Instrument :

BNA_F

ClientSampleId :

PB149631BL

Tgt Ion:136 Resp: 263292

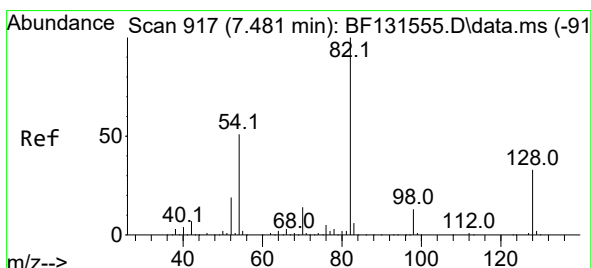
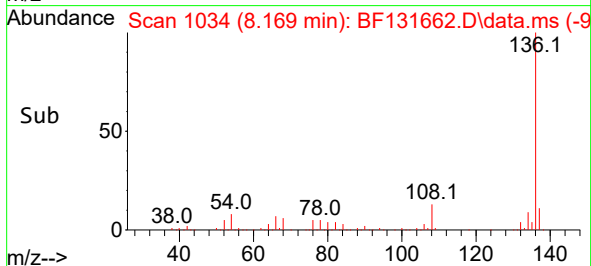
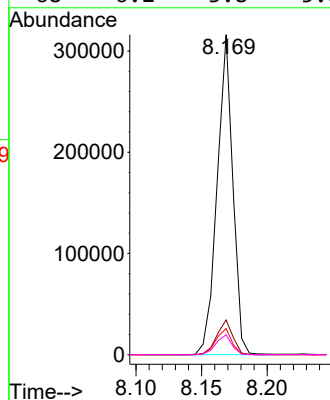
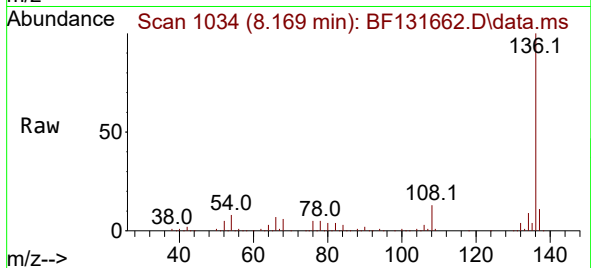
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 8.2 6.0 9.0

68 6.2 3.8 5.8#



#23

Nitrobenzene-d5

Concen: 73.356 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

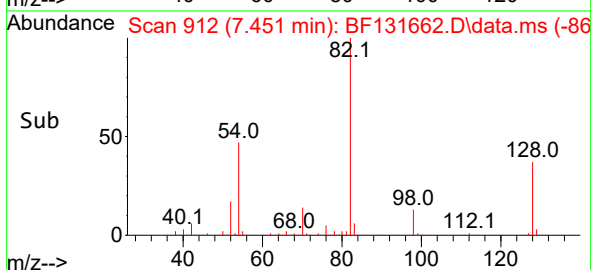
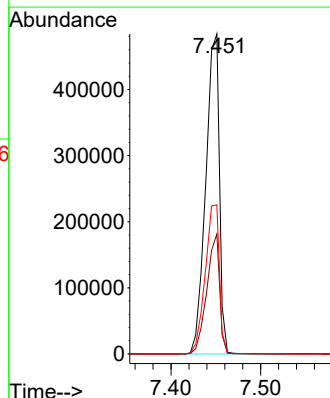
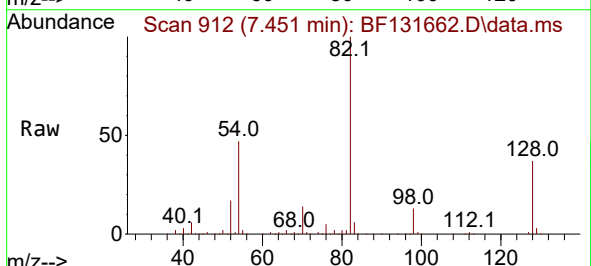
Tgt Ion: 82 Resp: 510859

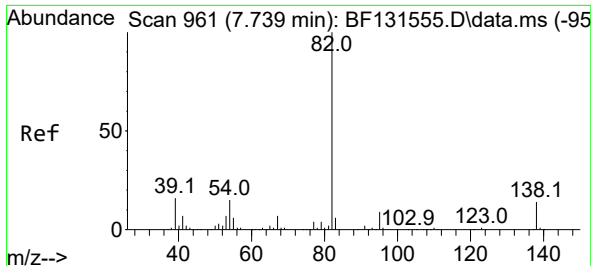
Ion Ratio Lower Upper

82 100

128 37.4 26.1 39.1

54 46.6 40.6 60.8

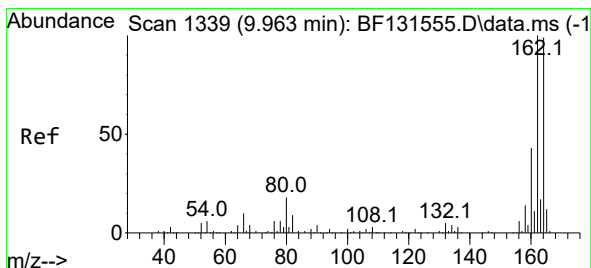
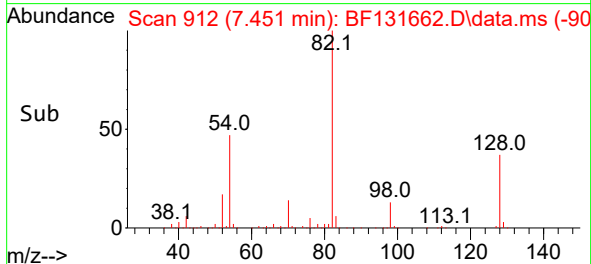
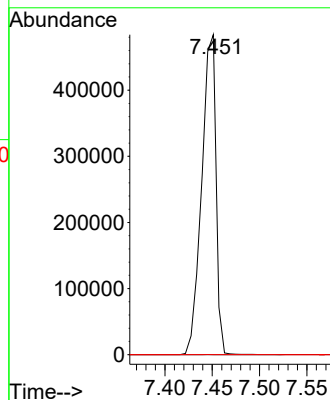
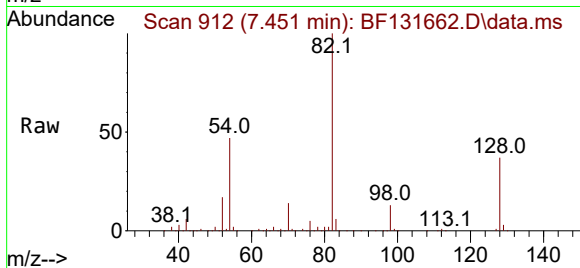




#25
Isophorone
Concen: 45.541 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

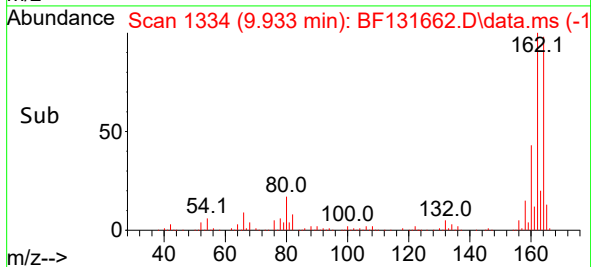
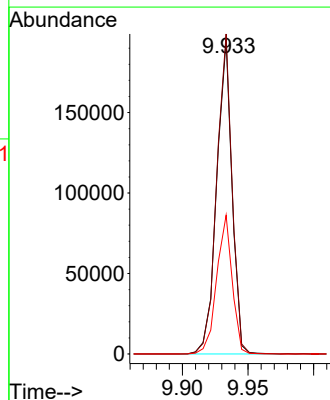
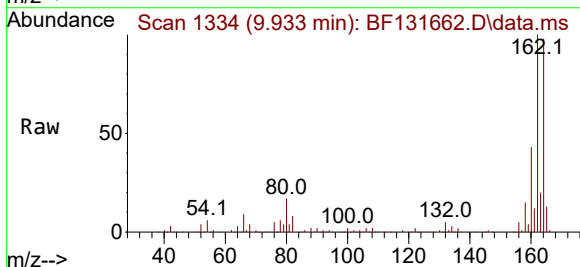
Instrument :
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ClientSampleId :
PB149631BL

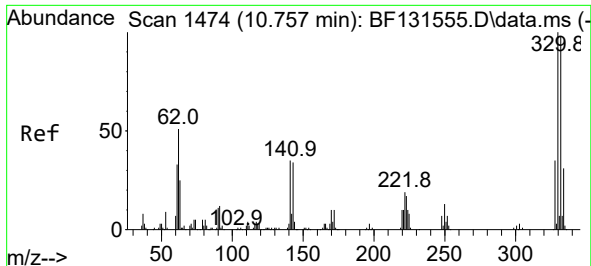
Tgt Ion: 82 Resp: 510855
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion:164 Resp: 158551
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 44.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 131.473 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131662.D

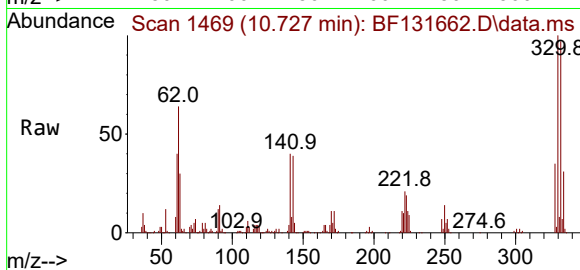
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Instrument :

BNA_F

ClientSampleId :

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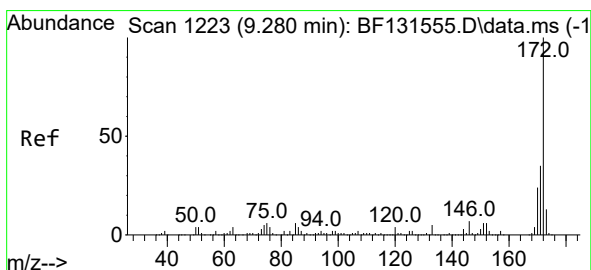
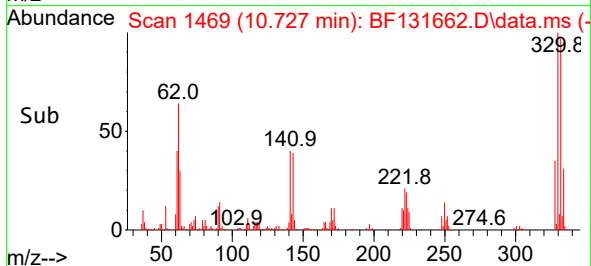
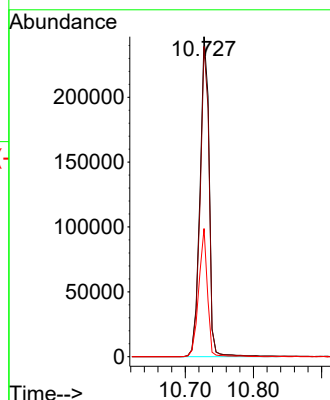
Tgt Ion:330 Resp: 231596

Ion Ratio Lower Upper

330 100

332 95.4 78.3 117.5

141 37.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 72.716 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

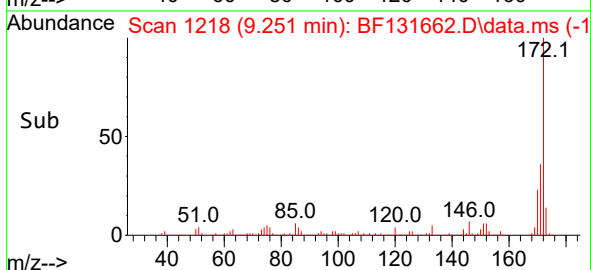
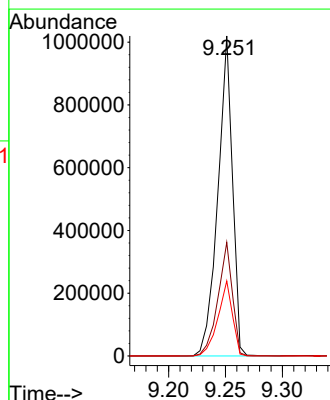
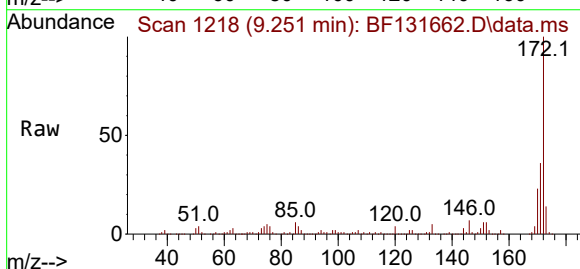
Tgt Ion:172 Resp: 914379

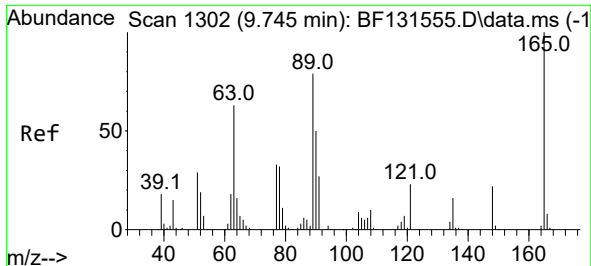
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.3 28.9

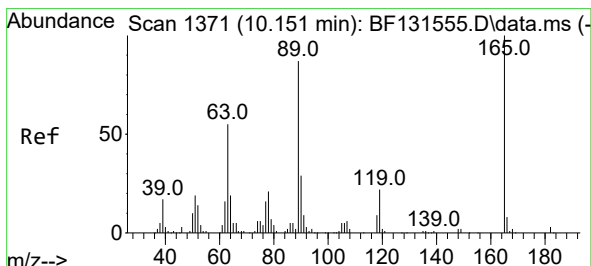
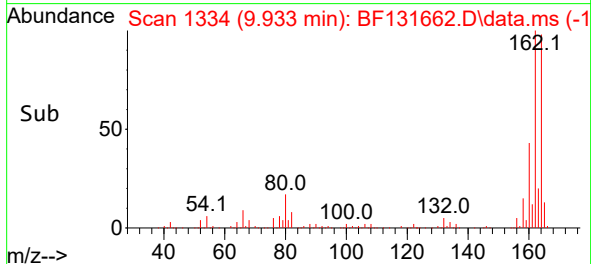
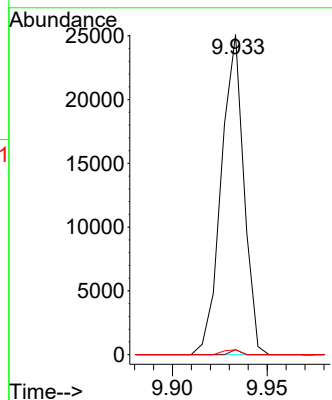
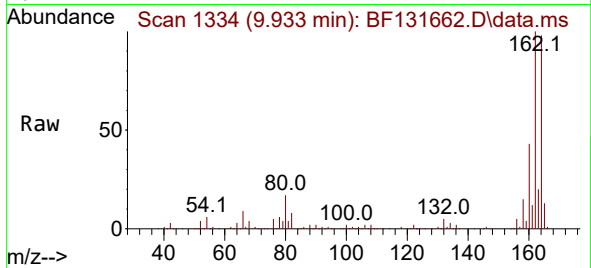




#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

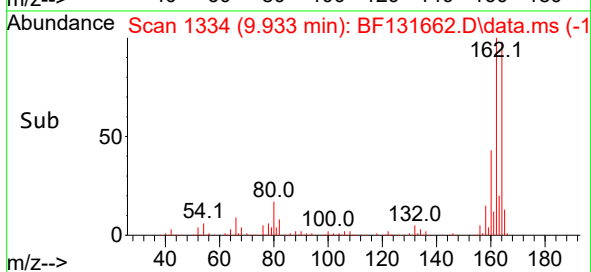
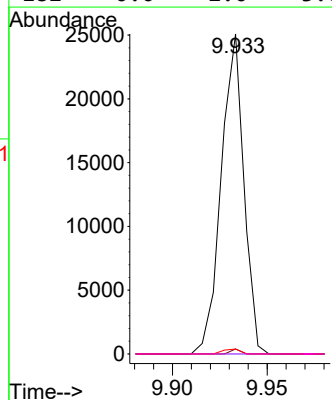
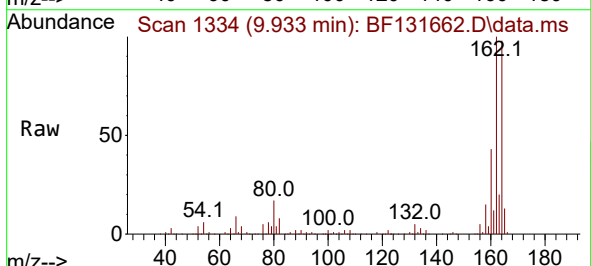
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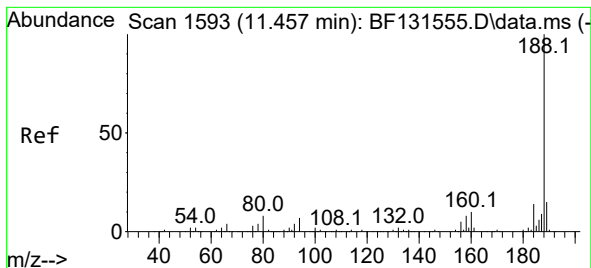
Tgt Ion:165 Resp: 20845
Ion Ratio Lower Upper
165 100
63 1.5 67.9 101.9#
89 1.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.298 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion:165 Resp: 20845
Ion Ratio Lower Upper
165 100
63 1.5 44.4 66.6#
89 1.5 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. -0.000 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

Instrument :

BNA_F

ClientSampleId :

PB149631BL

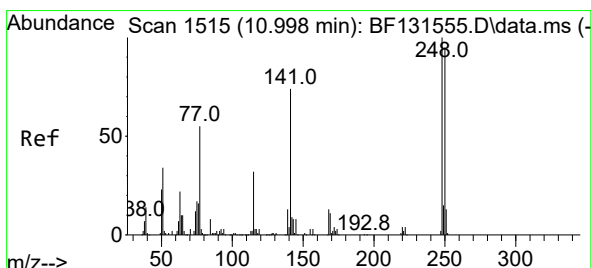
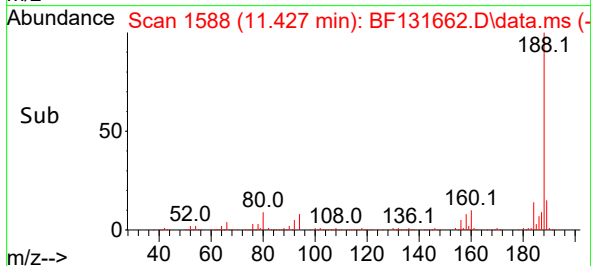
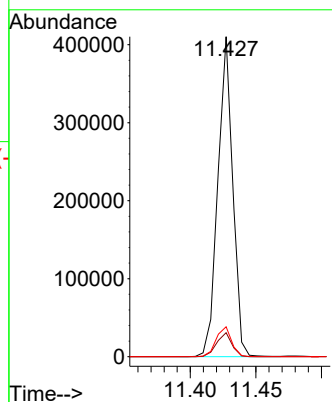
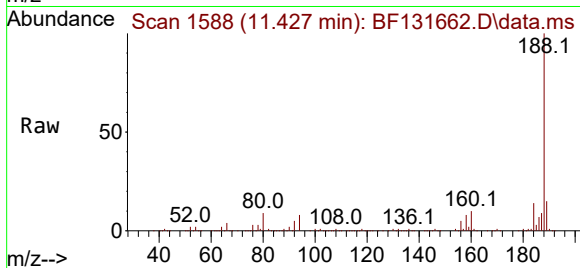
Tgt Ion:188 Resp: 323575

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 9.4 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.841 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.241 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

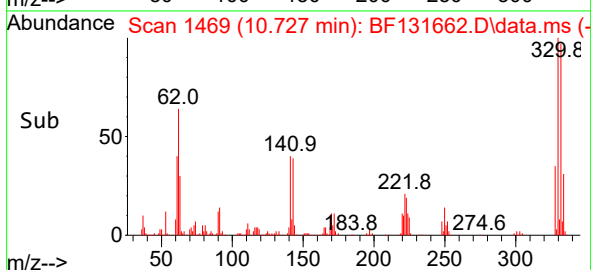
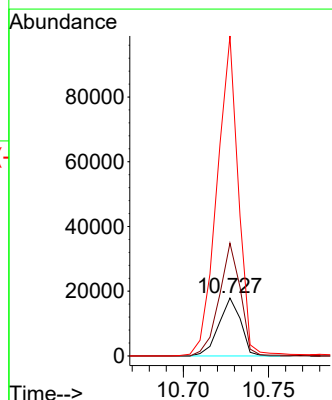
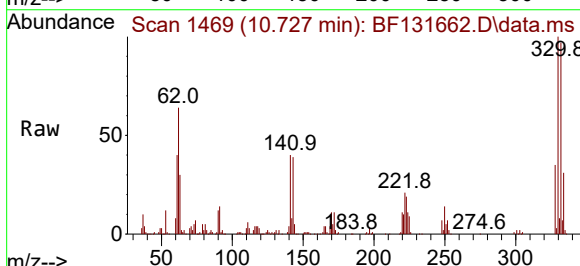
Tgt Ion:248 Resp: 15987

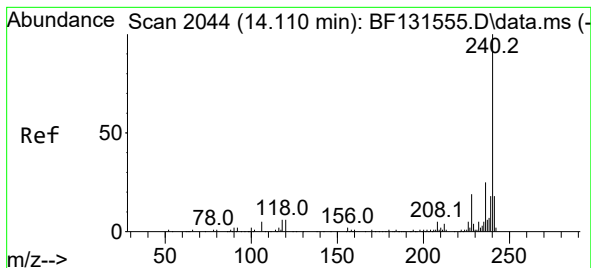
Ion Ratio Lower Upper

248 100

250 194.9 76.2 114.2#

141 552.6 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

Instrument :

BNA_F

ClientSampleId :

PB149631BL

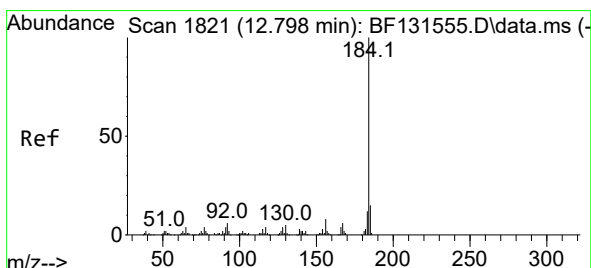
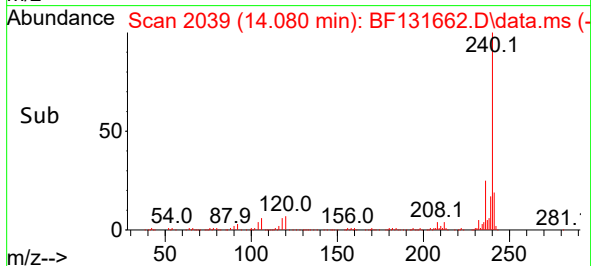
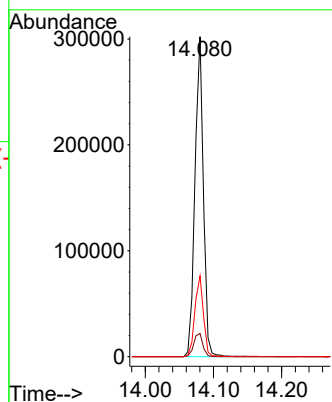
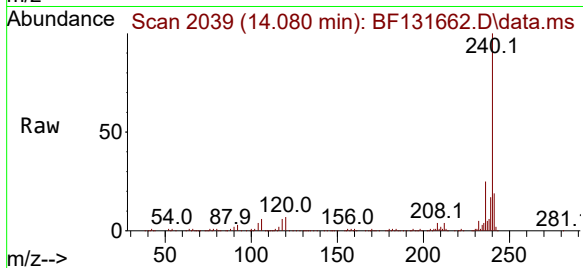
Tgt Ion:240 Resp: 258460

Ion Ratio Lower Upper

240 100

120 7.3 4.6 7.0#

236 25.2 20.2 30.2



#77

Benzidine

Concen: 2.885 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.253 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

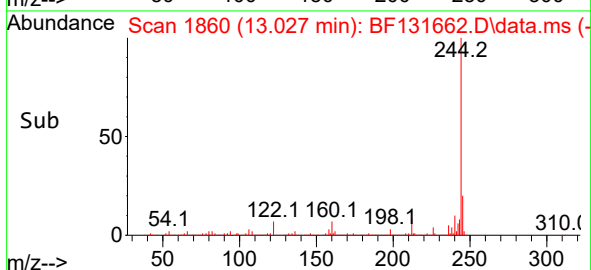
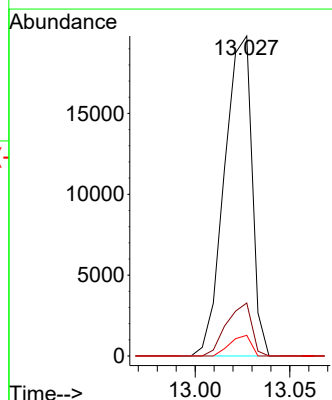
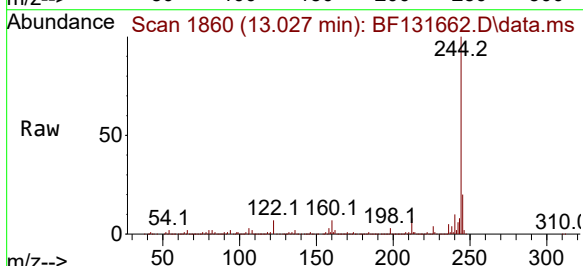
Tgt Ion:184 Resp: 19977

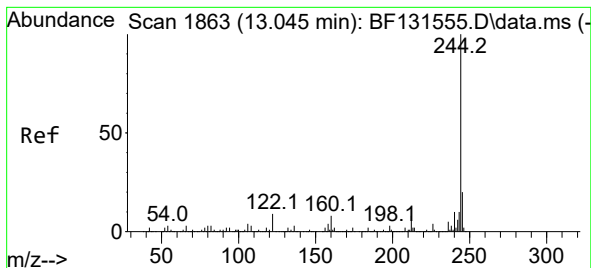
Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.2

183 6.5 9.3 13.9#





#79

Terphenyl-d14

Concen: 67.693 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

Instrument :

BNA_F

ClientSampleId :

PB149631BL

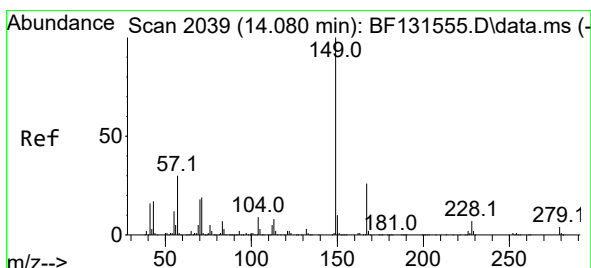
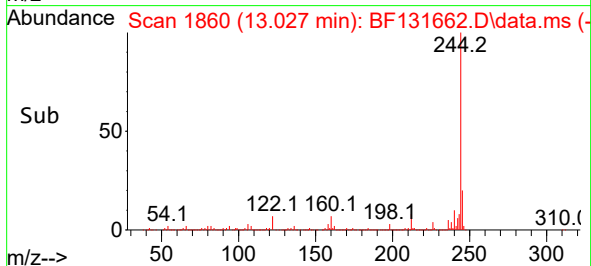
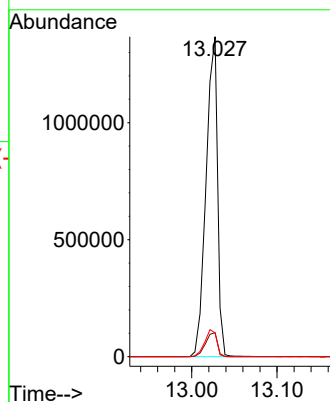
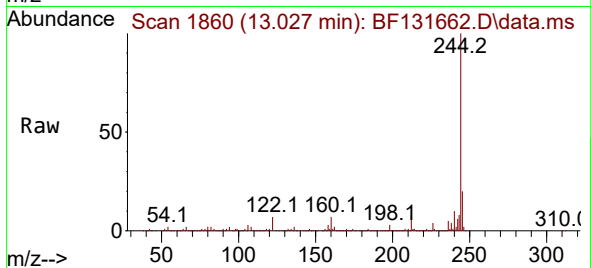
Tgt Ion:244 Resp: 1275768

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 7.5 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.068 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF131662.D

Acq: 16 Dec 2022 12:35

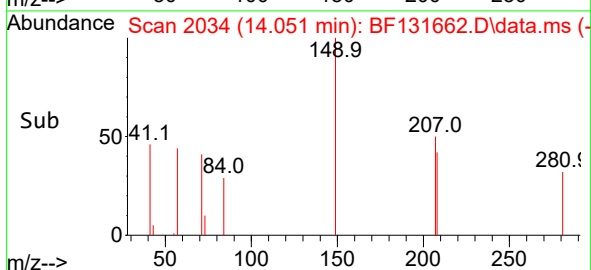
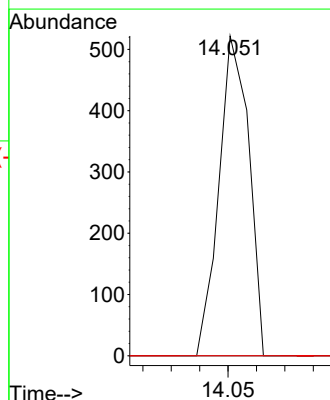
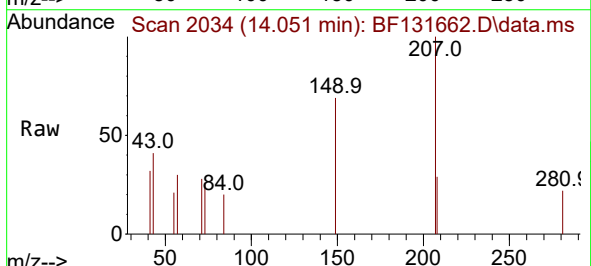
Tgt Ion:149 Resp: 382

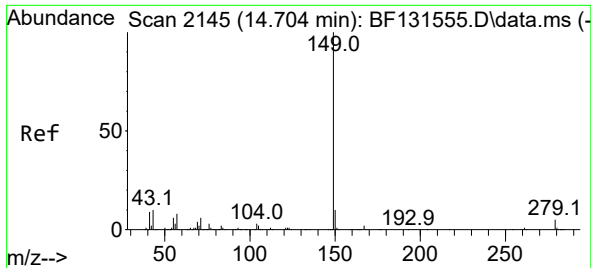
Ion Ratio Lower Upper

149 100

167 0.0 20.8 31.2#

279 0.0 3.3 4.9#

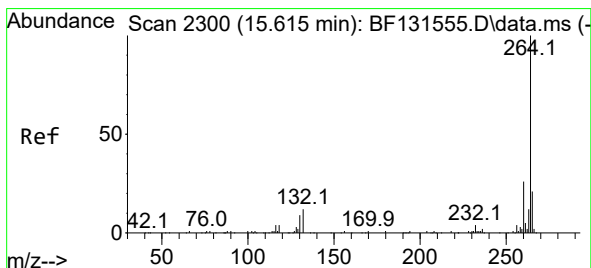
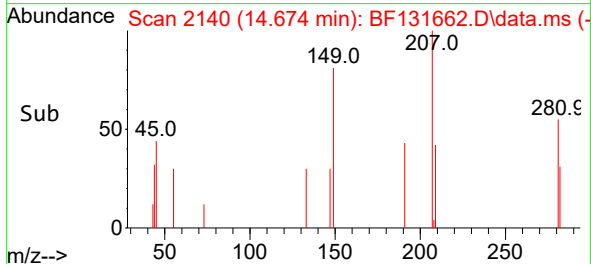
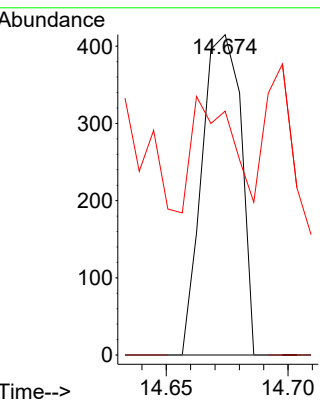
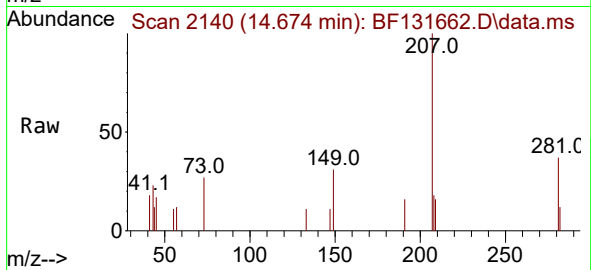




#85
Di-n-octyl phthalate
Concen: 5.244 ng
RT: 14.674 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131662.D
Acq: 16 Dec 2022 12:35

Instrument :
BNA_F
ClientSampleId :
PB149631BL

Tgt Ion:149 Resp: 462
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 36.8 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: BF131662.D
Acq: 16 Dec 2022 12:35

Tgt Ion:264 Resp: 206334
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 20.3 16.8 25.2

