

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131633.D
 Acq On : 14 Dec 2022 16:20
 Operator : CG\JU
 Sample : PB149640BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149640BL

Quant Time: Dec 15 01:55:01 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)

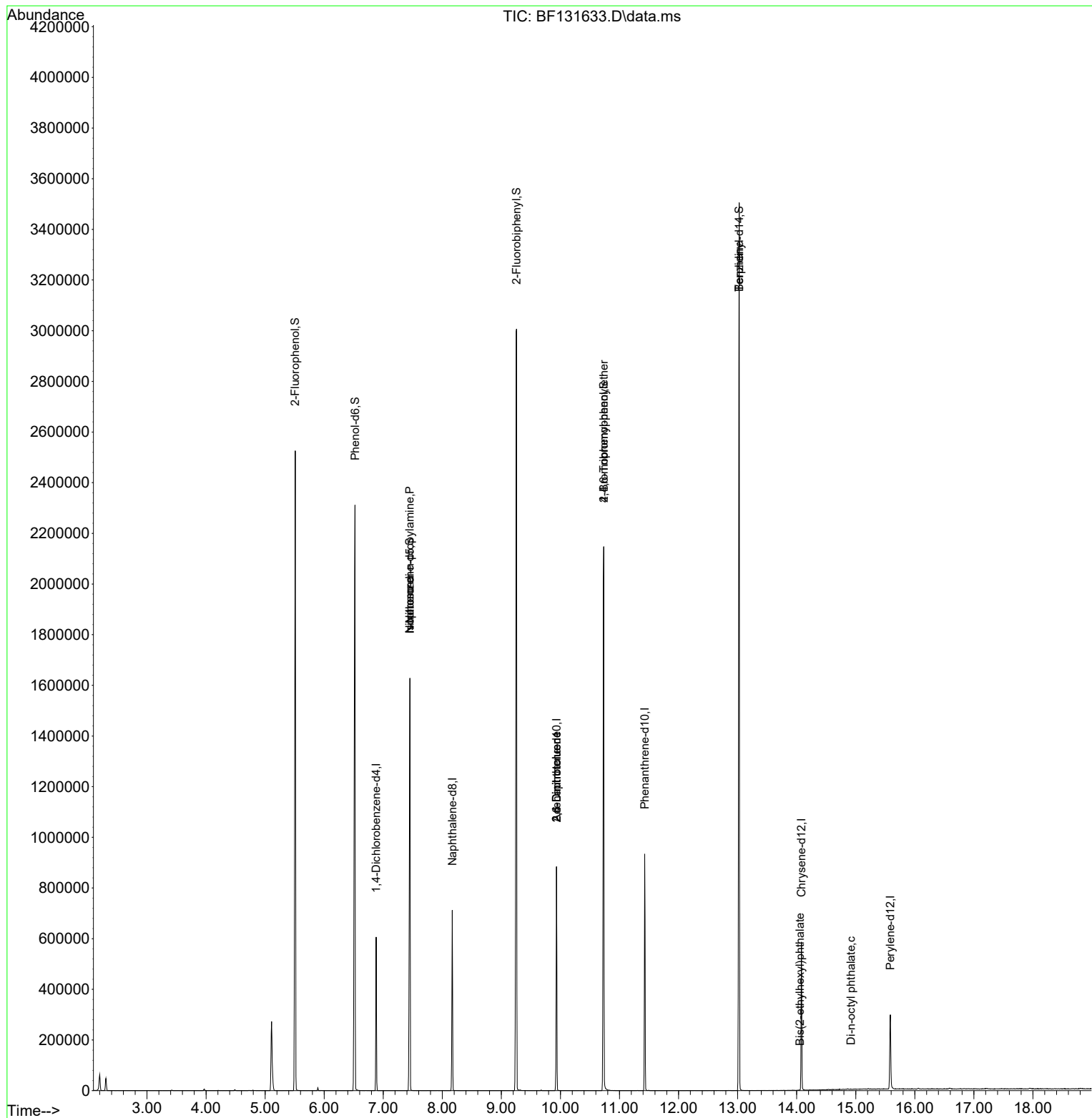
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75094	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	277808	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	162951	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	322818	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	183477	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	145875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	674196	149.779	ng	0.01
7) Phenol-d6	6.522	99	859187	145.660	ng	0.00
23) Nitrobenzene-d5	7.451	82	596554	81.185	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	256443	141.647	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1071318	82.896	ng	0.00
79) Terphenyl-d14	13.027	244	1227188	91.726	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	82832	18.728	ng	# 76
25) Isophorone	7.451	82	596547	50.401	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	20487	7.989	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	20487	6.022	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	17887	4.307	ng	# 1
77) Benzidine	13.027	184	18758	3.816	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.057	149	155	3.052	ng	# 54
85) Di-n-octyl phthalate	14.921	149	77	5.225	ng	# 1

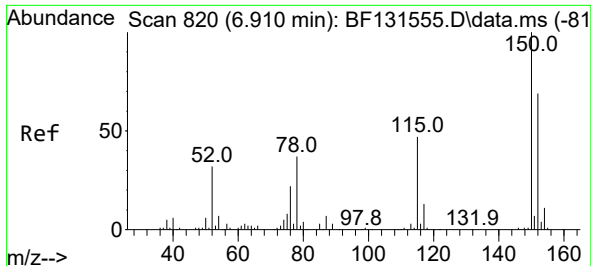
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 15 01:55:01 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
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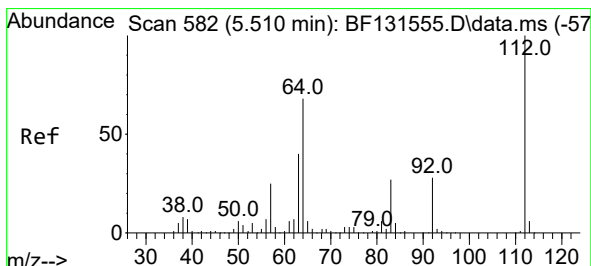
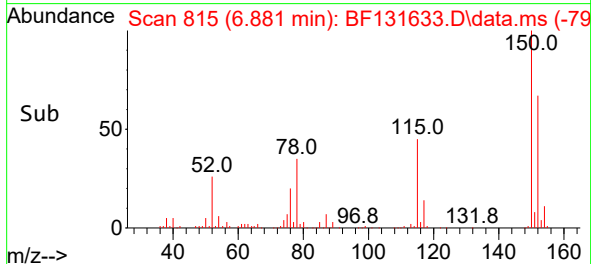
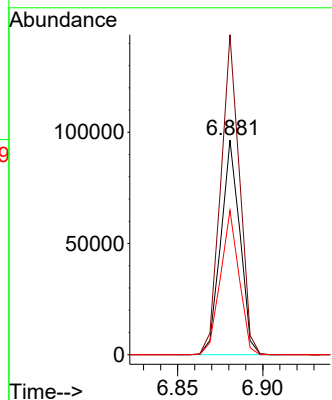
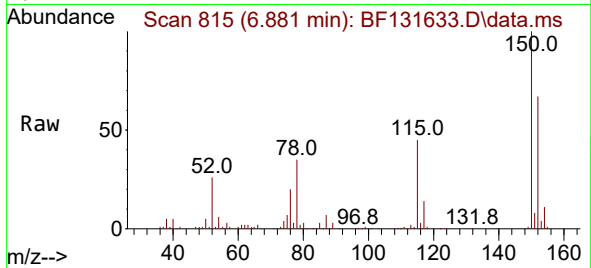




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.005 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

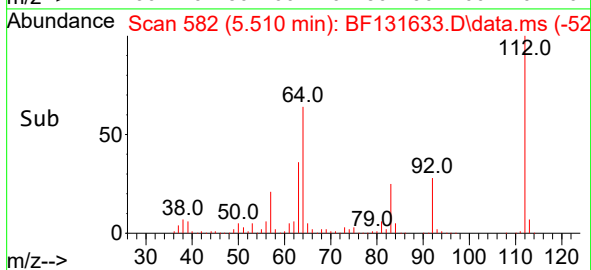
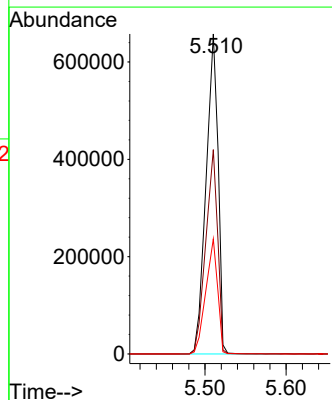
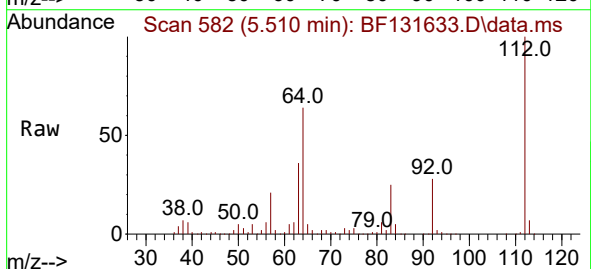
Instrument :
BNA_F
ClientSampleId :
PB149640BL

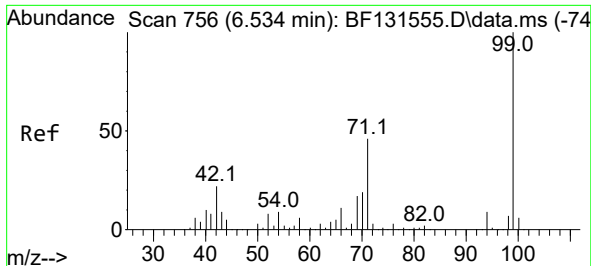
Tgt Ion:152 Resp: 75094
Ion Ratio Lower Upper
152 100
150 149.1 116.7 175.1
115 67.3 54.6 82.0



#5
2-Fluorophenol
Concen: 149.779 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

Tgt Ion:112 Resp: 674196
Ion Ratio Lower Upper
112 100
64 63.8 54.5 81.7
63 35.9 31.9 47.9

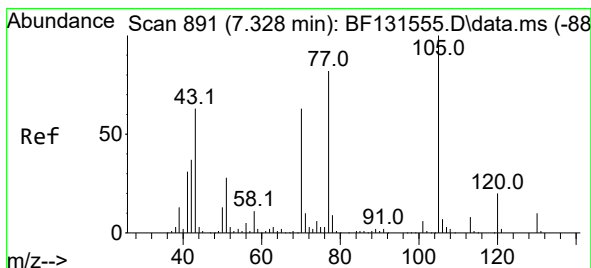
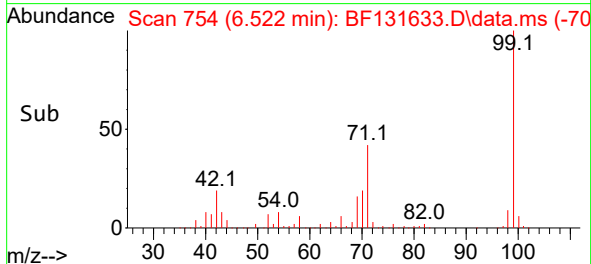
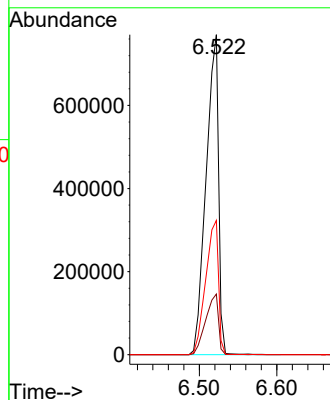
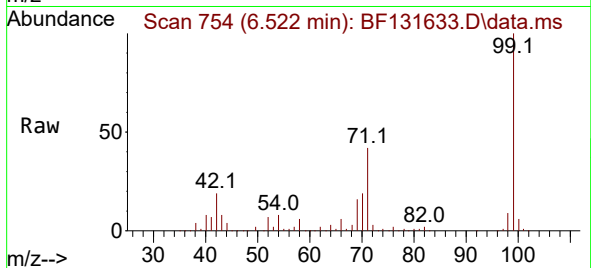




#7
Phenol-d6
Concen: 145.660 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

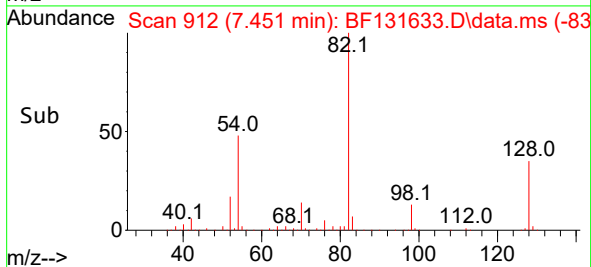
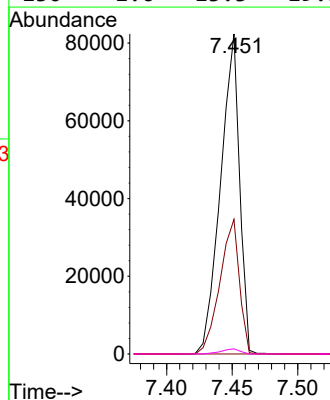
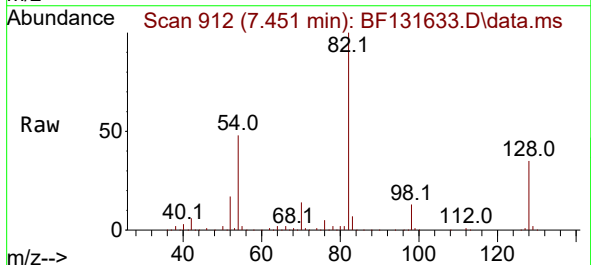
Instrument :
BNA_F
ClientSampleId :
PB149640BL

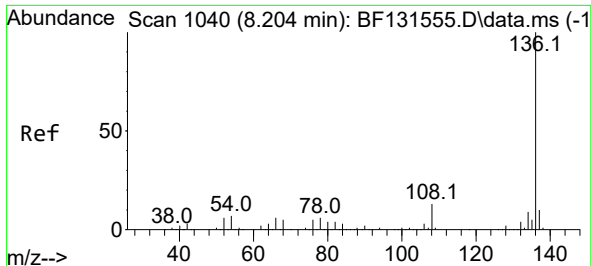
Tgt Ion: 99 Resp: 859187
Ion Ratio Lower Upper
99 100
42 18.9 17.9 26.9
71 42.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.728 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

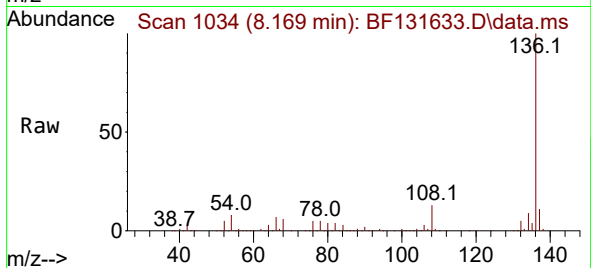
Tgt Ion: 70 Resp: 82832
Ion Ratio Lower Upper
70 100
42 42.1 46.4 69.6#
101 0.0 7.2 10.8#
130 1.6 13.3 19.9#



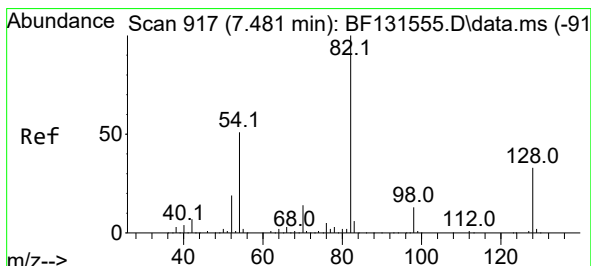
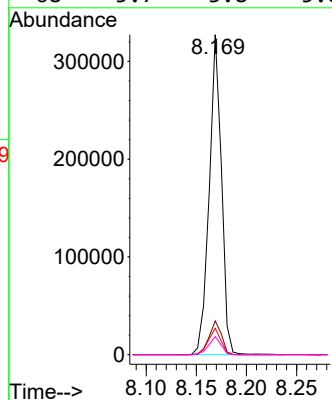
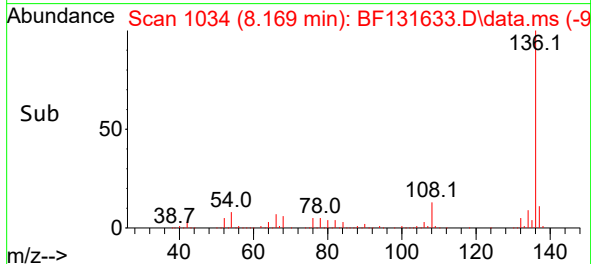


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

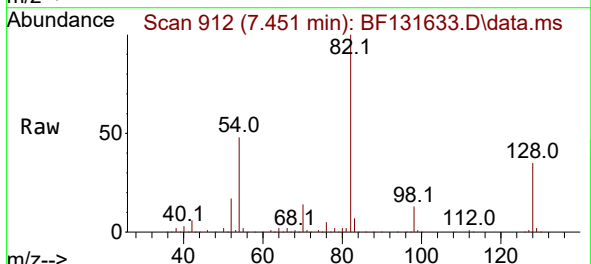
Instrument :
BNA_F
ClientSampleId :
PB149640BL



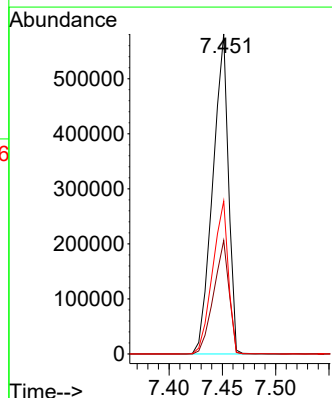
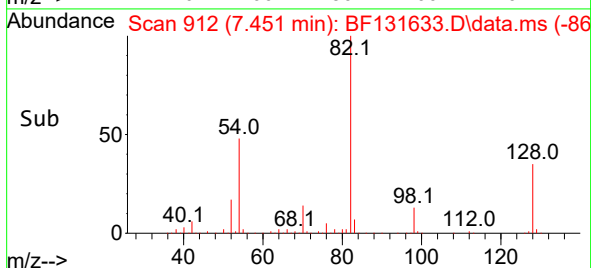
Tgt Ion:136 Resp: 277808
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 8.3 6.0 9.0
68 5.7 3.8 5.8

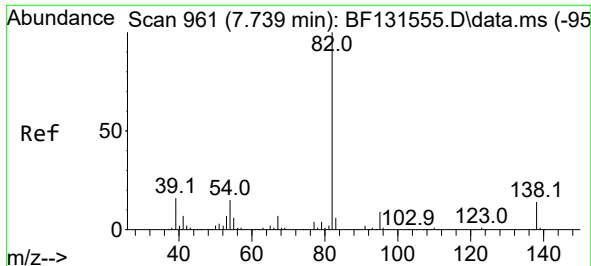


#23
Nitrobenzene-d5
Concen: 81.185 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20



Tgt Ion: 82 Resp: 596554
Ion Ratio Lower Upper
82 100
128 35.4 26.1 39.1
54 47.8 40.6 60.8

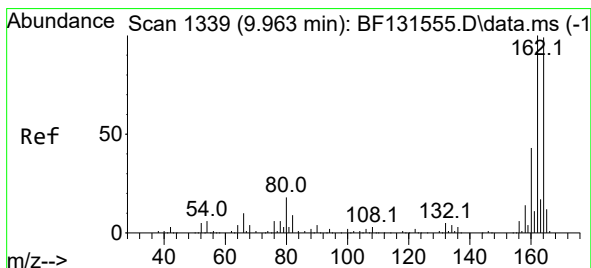
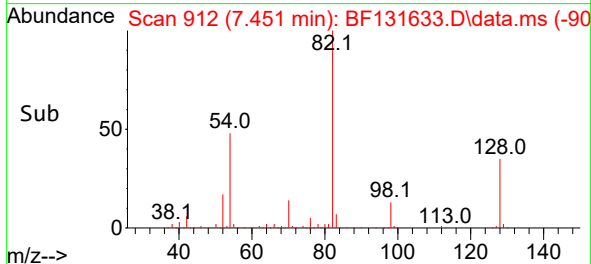
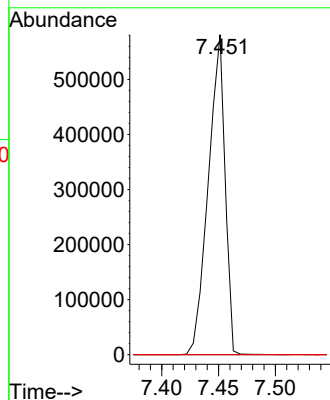
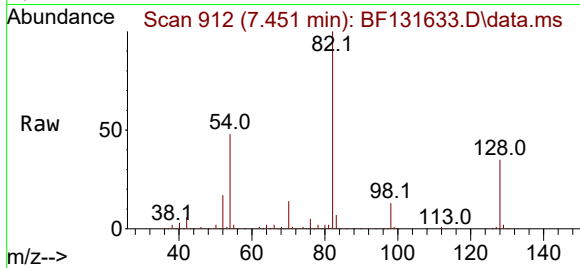




#25
Isophorone
Concen: 50.401 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

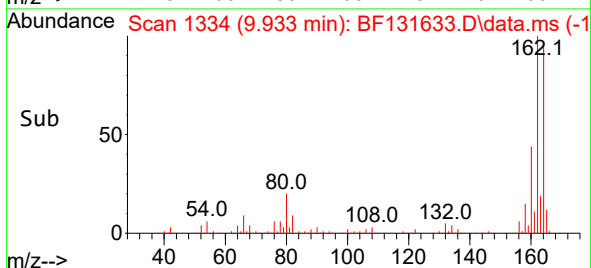
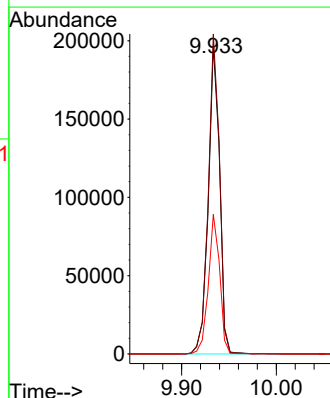
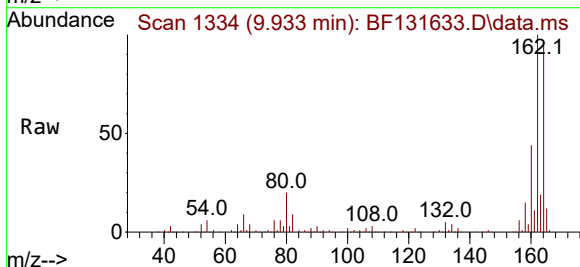
Instrument :
BNA_F
ClientSampleId :
PB149640BL

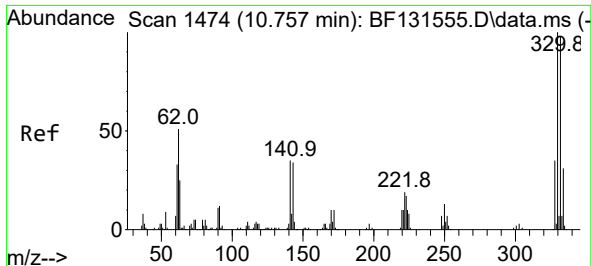
Tgt Ion: 82 Resp: 596547
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

Tgt Ion: 164 Resp: 162951
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.6
160 45.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 141.647 ng

RT: 10.733 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131633.D

Acq: 14 Dec 2022 16:20

Instrument :

BNA_F

ClientSampleId :

PB149640BL

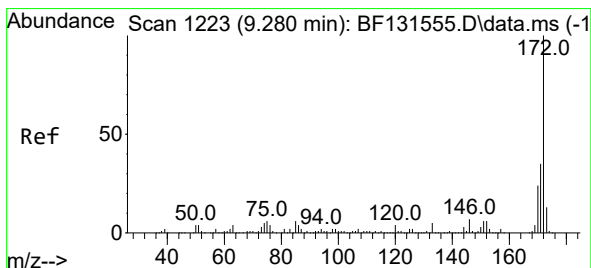
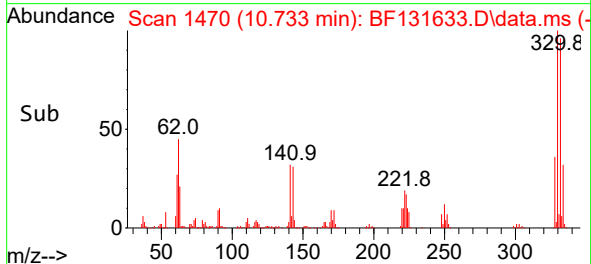
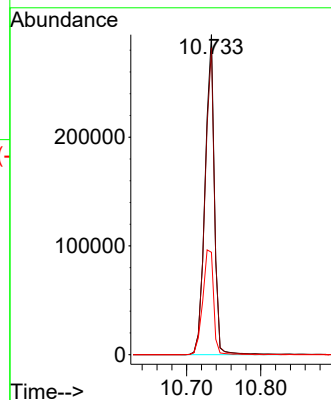
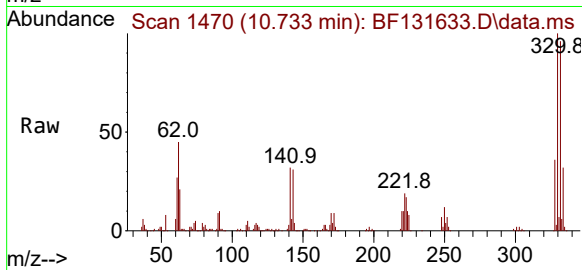
Tgt Ion:330 Resp: 256443

Ion Ratio Lower Upper

330 100

332 97.1 78.3 117.5

141 38.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 82.896 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131633.D

Acq: 14 Dec 2022 16:20

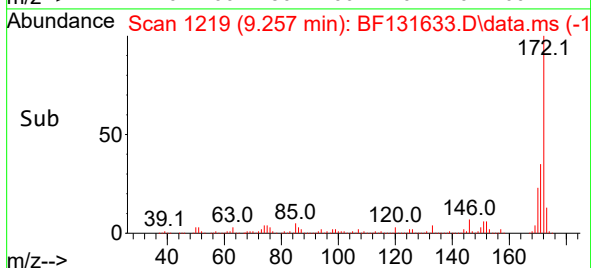
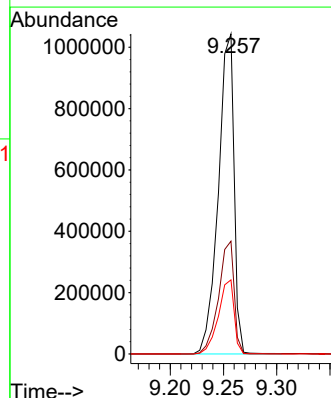
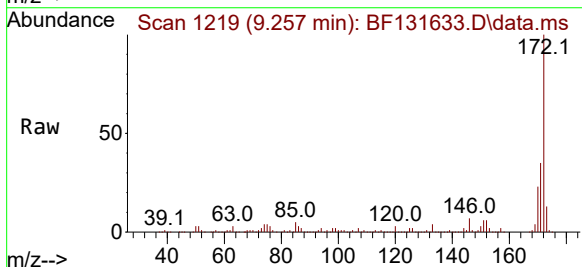
Tgt Ion:172 Resp: 1071318

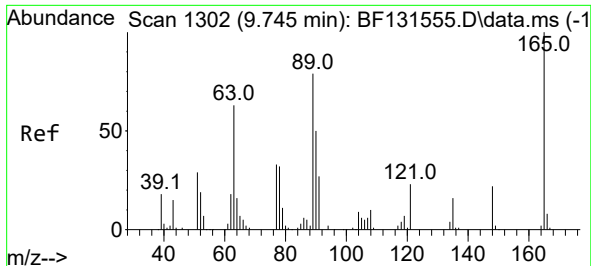
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.3 28.9

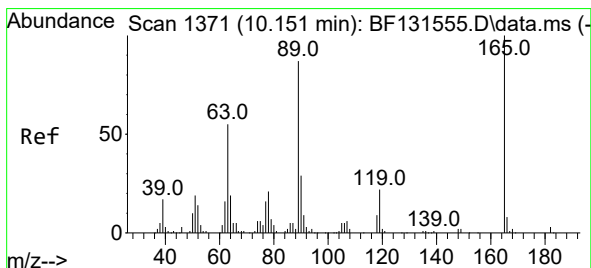
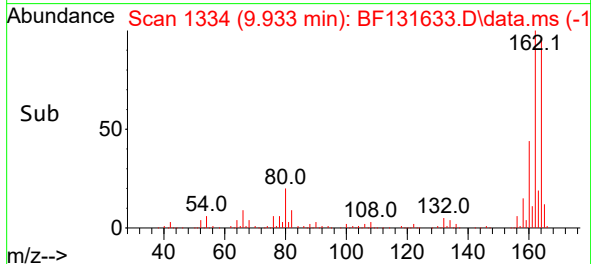
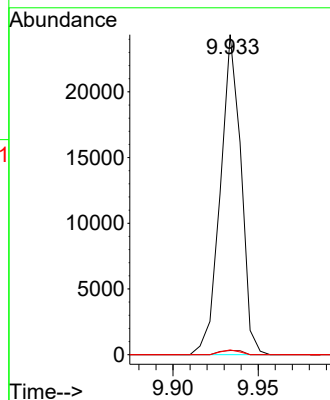
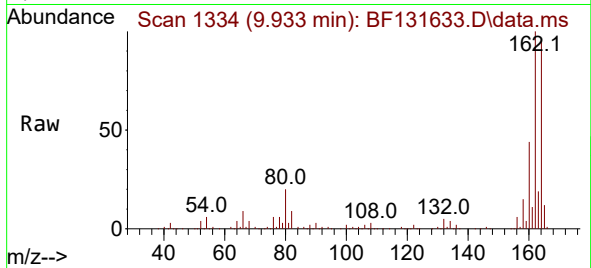




#51
2,6-Dinitrotoluene
Concen: 7.989 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

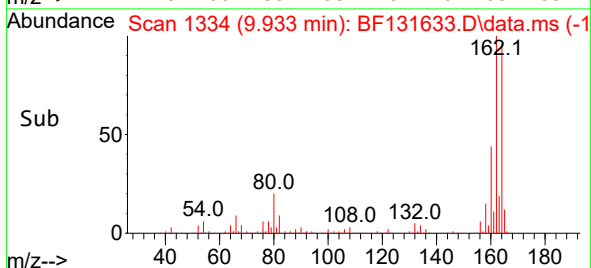
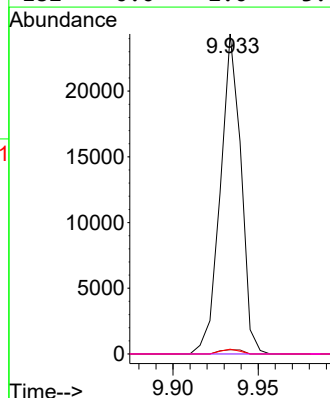
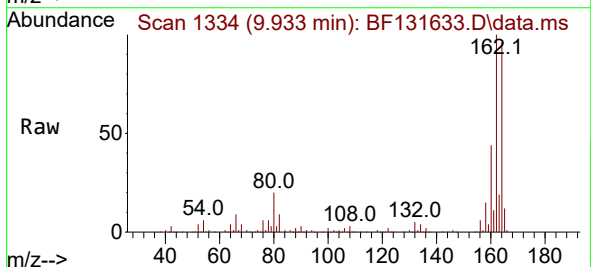
Instrument :
BNA_F
ClientSampleId :
PB149640BL

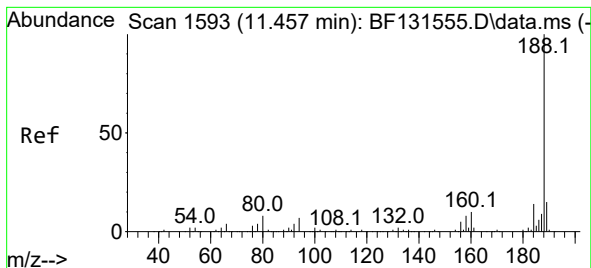
Tgt Ion:165 Resp: 20487
Ion Ratio Lower Upper
165 100
63 1.3 67.9 101.9#
89 1.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.022 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

Tgt Ion:165 Resp: 20487
Ion Ratio Lower Upper
165 100
63 1.3 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. -0.006 min

Lab File: BF131633.D

Acq: 14 Dec 2022 16:20

Instrument :

BNA_F

ClientSampleId :

PB149640BL

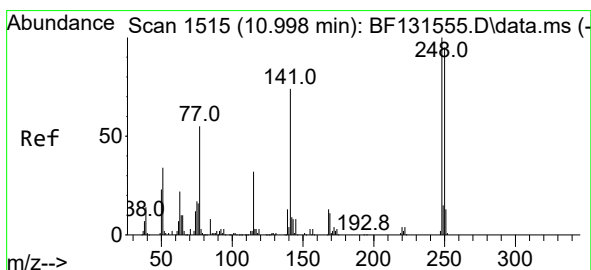
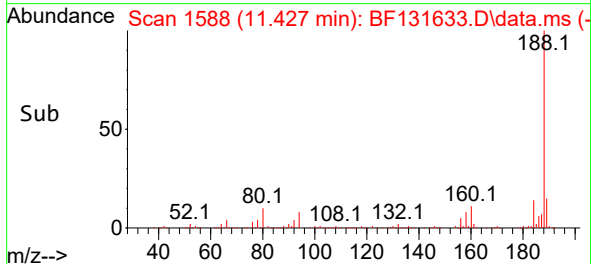
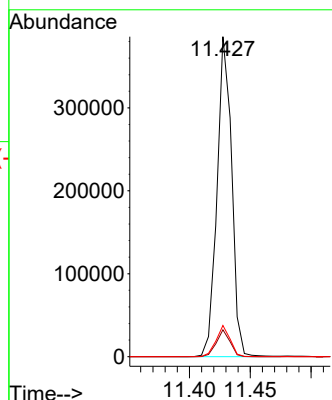
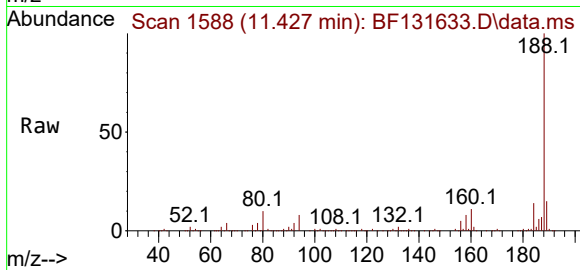
Tgt Ion:188 Resp: 322818

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.8 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 4.307 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.241 min

Lab File: BF131633.D

Acq: 14 Dec 2022 16:20

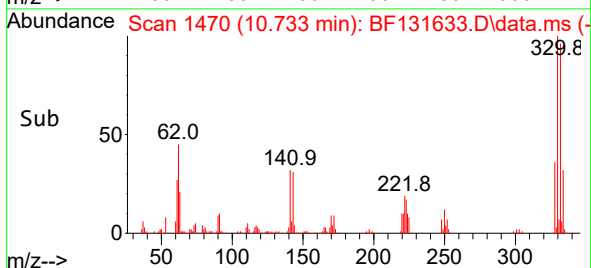
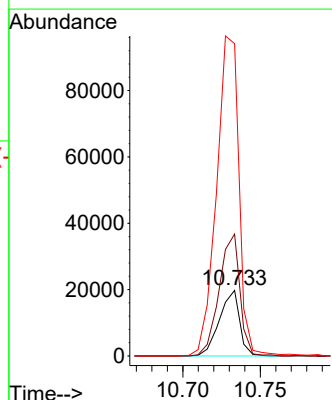
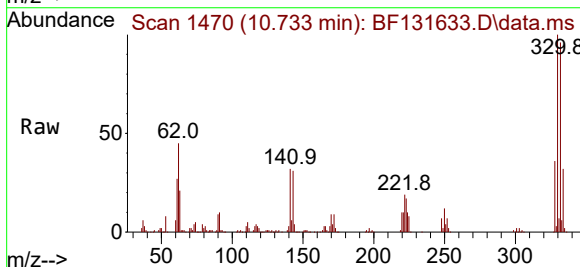
Tgt Ion:248 Resp: 17887

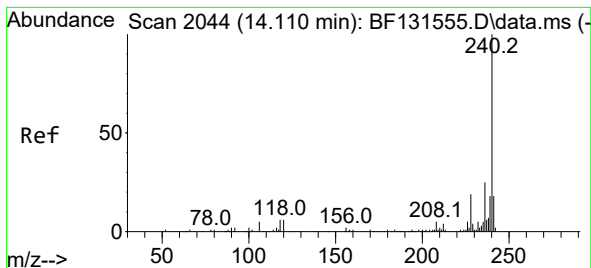
Ion Ratio Lower Upper

248 100

250 185.8 76.2 114.2#

141 475.7 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: BF131633.D

Acq: 14 Dec 2022 16:20

Instrument :

BNA_F

ClientSampleId :

PB149640BL

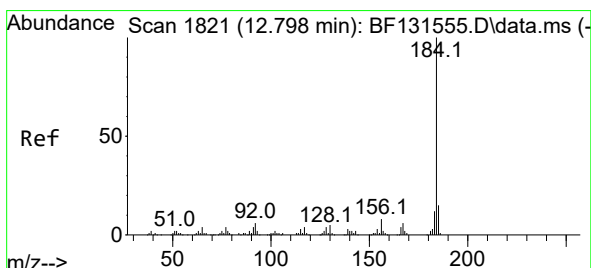
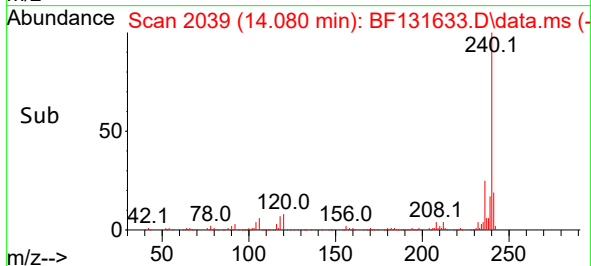
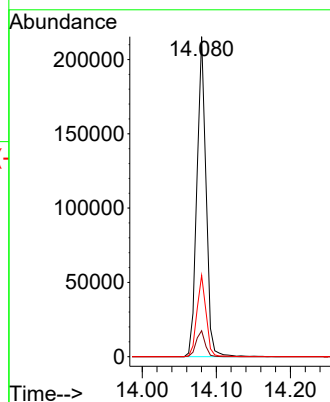
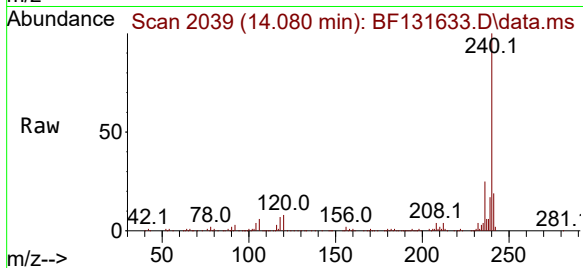
Tgt Ion:240 Resp: 183477

Ion Ratio Lower Upper

240 100

120 8.1 4.6 7.0#

236 25.4 20.2 30.2



#77

Benzidine

Concen: 3.816 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.253 min

Lab File: BF131633.D

Acq: 14 Dec 2022 16:20

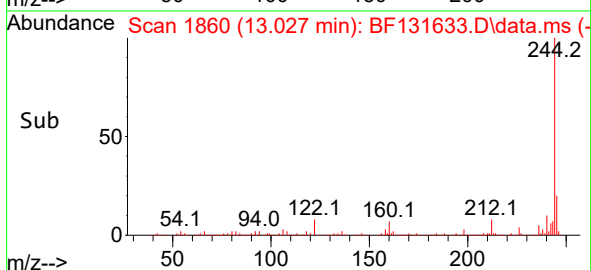
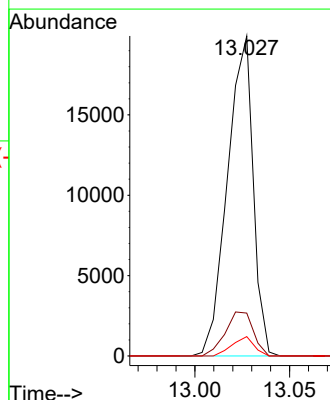
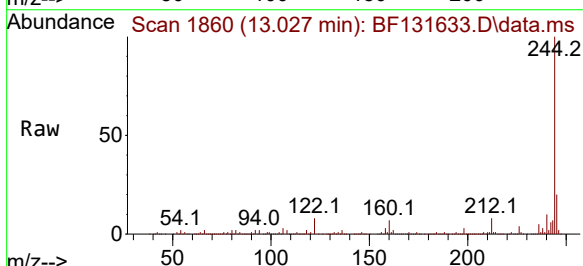
Tgt Ion:184 Resp: 18758

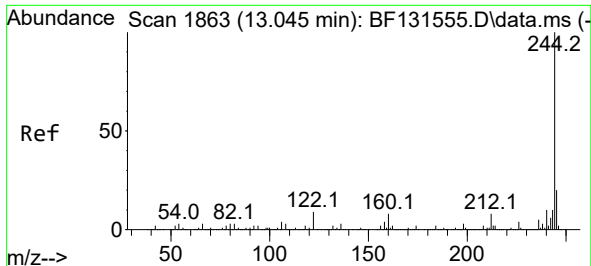
Ion Ratio Lower Upper

184 100

185 13.4 12.2 18.2

183 6.0 9.3 13.9#

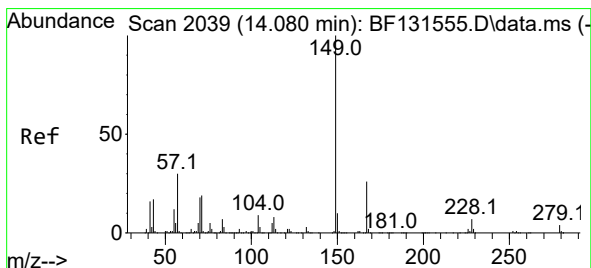
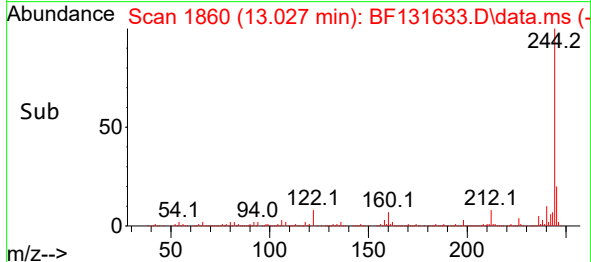
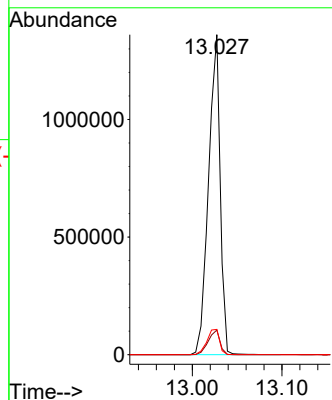
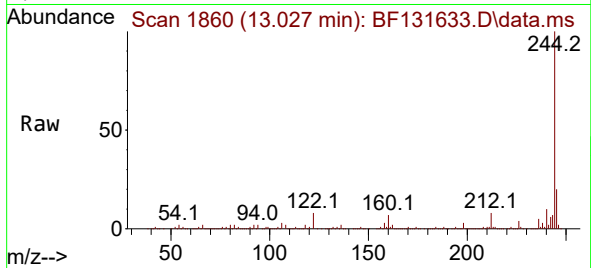




#79
 Terphenyl-d14
 Concen: 91.726 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131633.D
 Acq: 14 Dec 2022 16:20

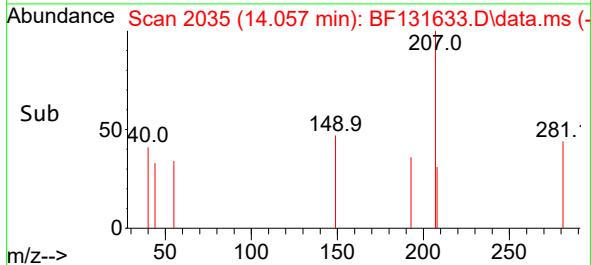
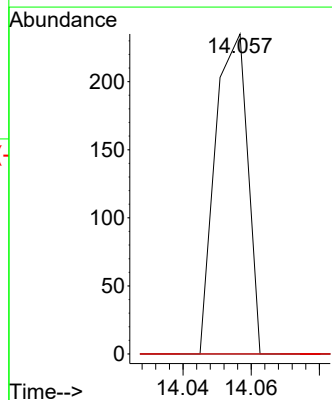
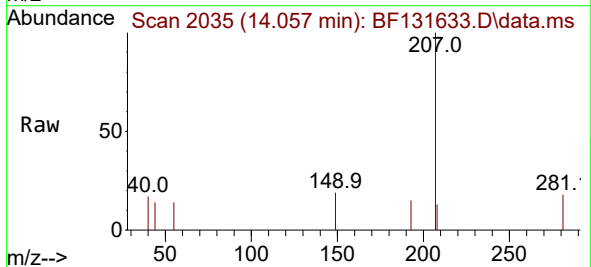
Instrument :
 BNA_F
 ClientSampleId :
 PB149640BL

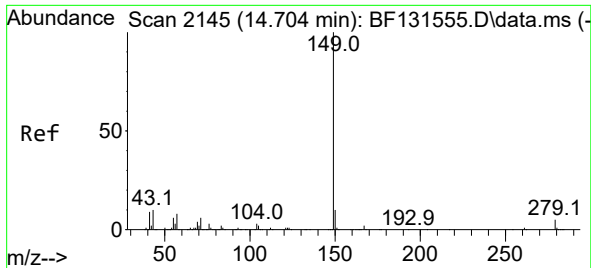
Tgt Ion:244 Resp: 1227188
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.9 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.052 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131633.D
 Acq: 14 Dec 2022 16:20

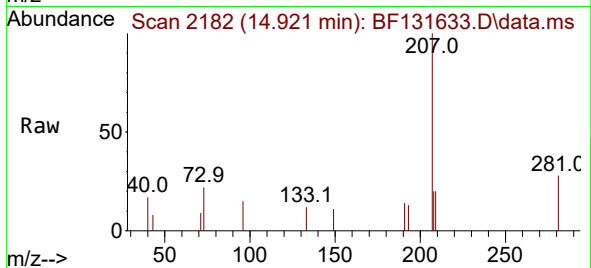
Tgt Ion:149 Resp: 155
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#



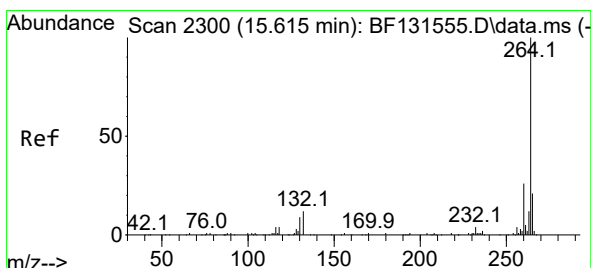
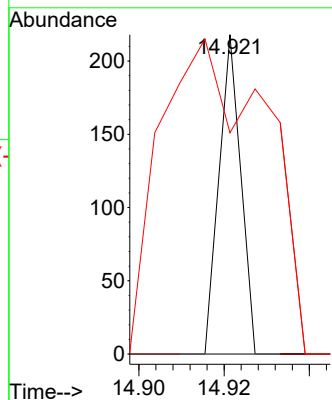
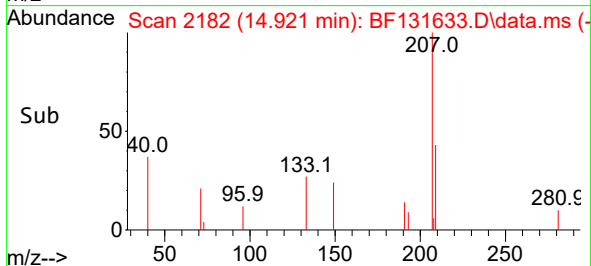


#85
Di-n-octyl phthalate
Concen: 5.225 ng
RT: 14.921 min Scan# 2145
Delta R.T. 0.241 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

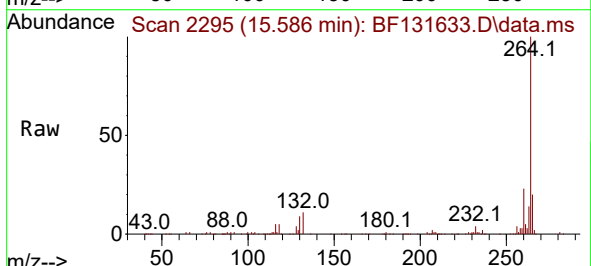
Instrument :
BNA_F
ClientSampleId :
PB149640BL



Tgt Ion:149 Resp: 77
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 476.6 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: BF131633.D
Acq: 14 Dec 2022 16:20



Tgt Ion:264 Resp: 145875
Ion Ratio Lower Upper
264 100
260 22.7 20.6 30.8
265 20.3 16.8 25.2

