

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131595.D
 Acq On : 12 Dec 2022 16:31
 Operator : CG\JU
 Sample : N5964-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01

Quant Time: Dec 13 04:16:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

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

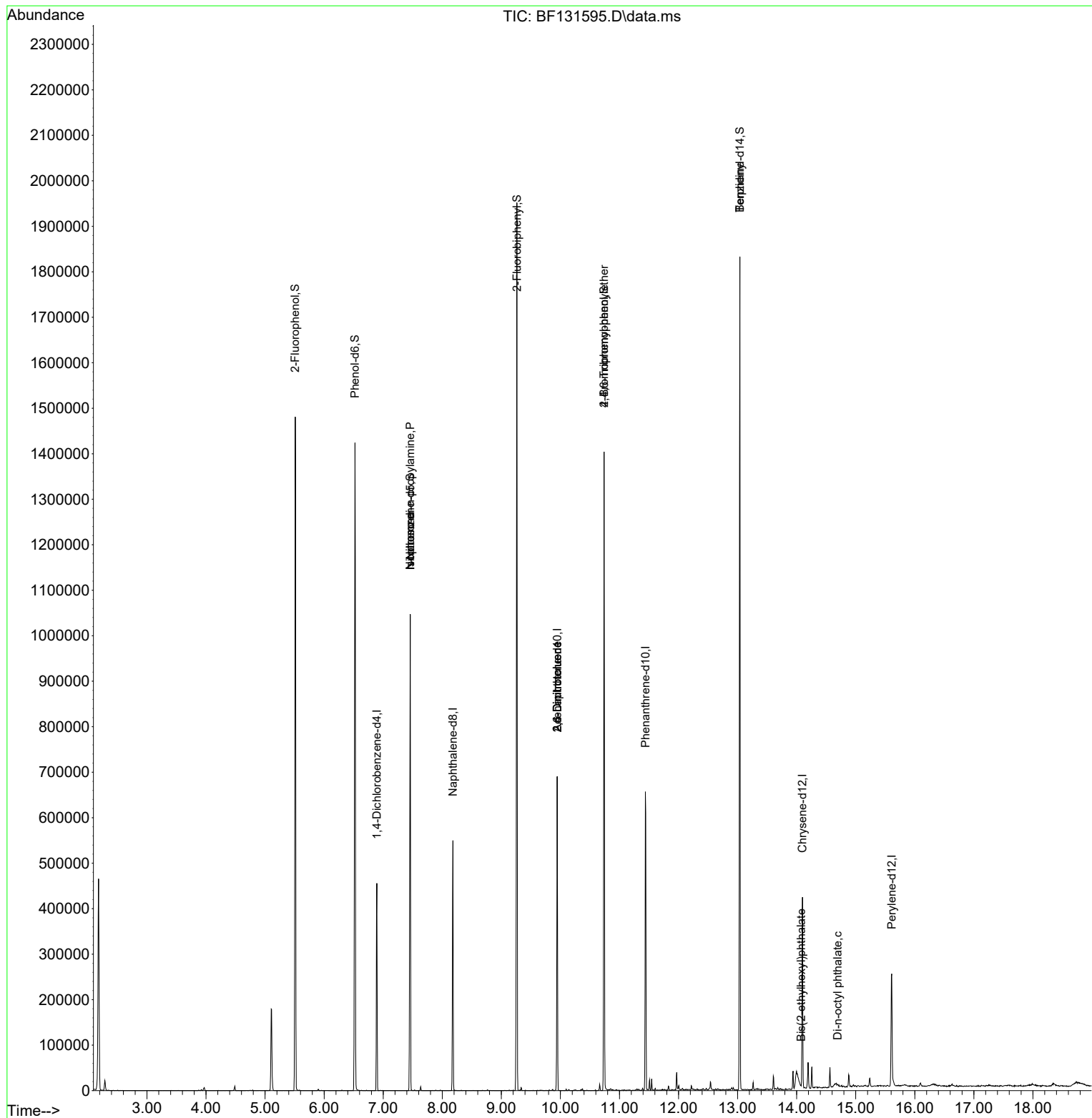
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	60451	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	218296	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	125559	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	241871	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	129411	20.000	ng	0.00
86) Perylene-d12	15.610	264	124830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	368104	101.587	ng	0.00
7) Phenol-d6	6.522	99	483270	101.776	ng	0.00
23) Nitrobenzene-d5	7.457	82	328119	56.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	142004	101.795	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	549422	55.173	ng	0.00
79) Terphenyl-d14	13.039	244	571623	60.576	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	45409	12.753	ng	# 80
25) Isophorone	7.457	82	328112	35.279	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	16368	8.283	ng	# 10
57) 2,4-Dinitrotoluene	9.945	165	16368	6.244	ng	# 16
67) 4-Bromophenyl-phenylether	10.739	248	9600	3.085	ng	# 1
77) Benzidine	13.039	184	8397	2.422	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.074	149	125	3.055	ng	# 4
85) Di-n-octyl phthalate	14.692	149	220	5.243	ng	# 74

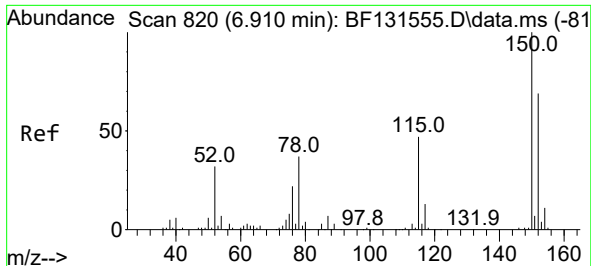
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
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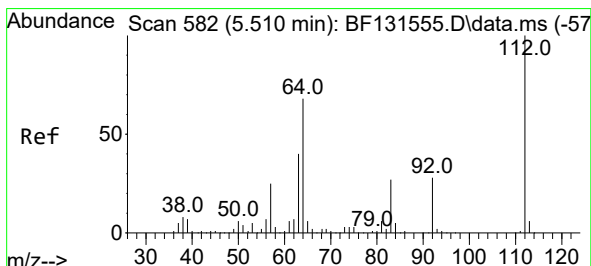
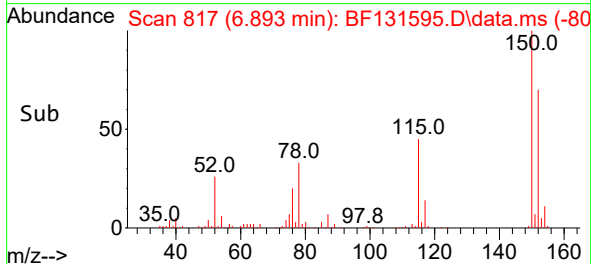
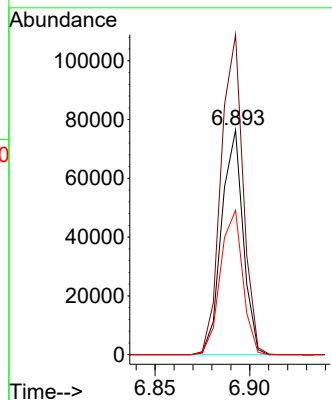
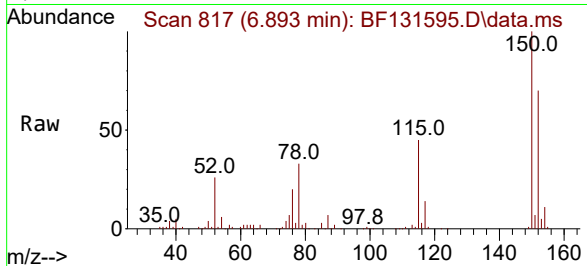




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

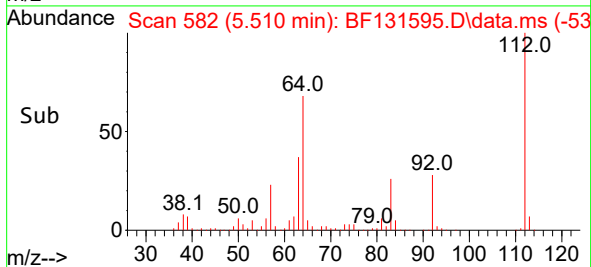
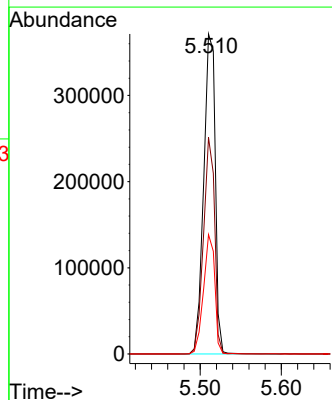
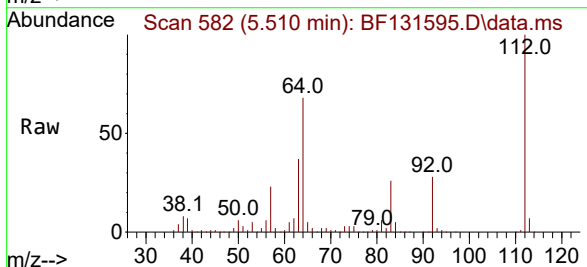
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01

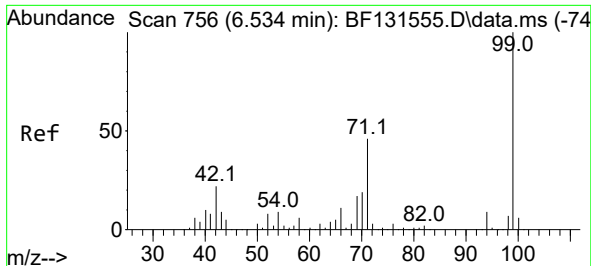
Tgt Ion:152 Resp: 60451
Ion Ratio Lower Upper
152 100
150 142.4 116.7 175.1
115 64.3 54.6 82.0



#5
2-Fluorophenol
Concen: 101.587 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

Tgt Ion:112 Resp: 368104
Ion Ratio Lower Upper
112 100
64 67.7 54.5 81.7
63 37.3 31.9 47.9

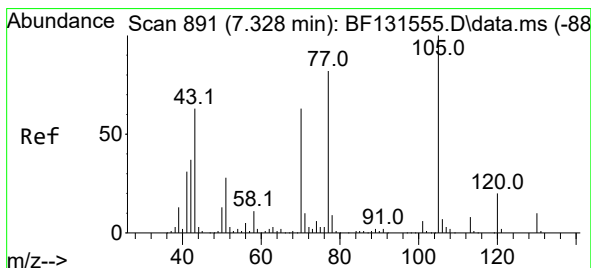
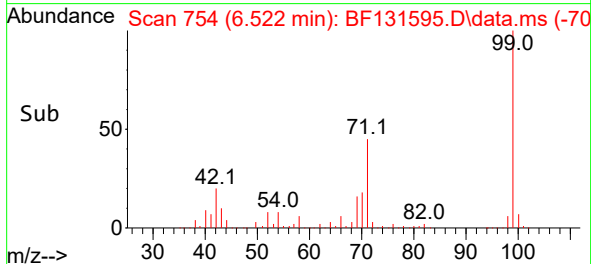
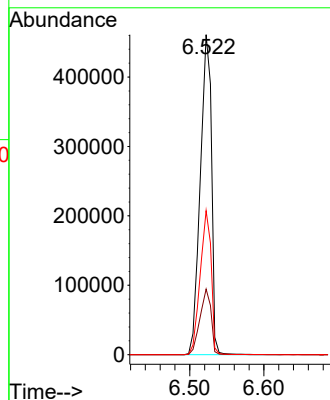
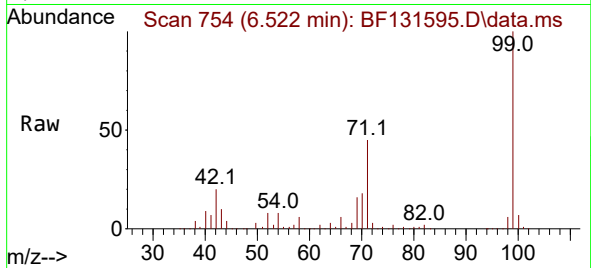




#7
Phenol-d6
Concen: 101.776 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

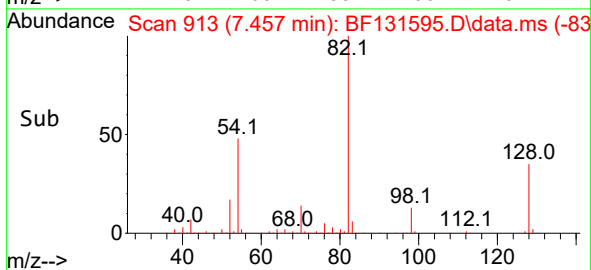
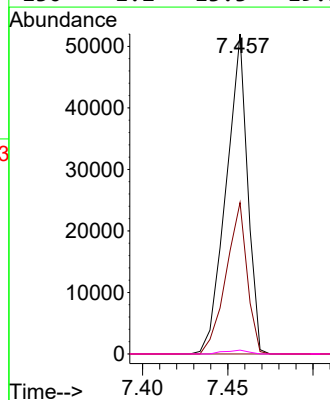
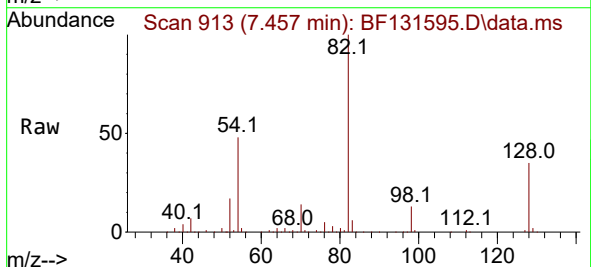
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01

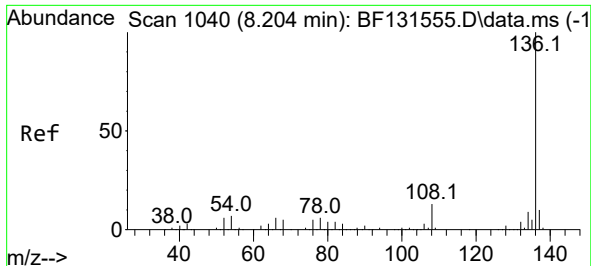
Tgt Ion: 99 Resp: 483270
Ion Ratio Lower Upper
99 100
42 20.5 17.9 26.9
71 45.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.753 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

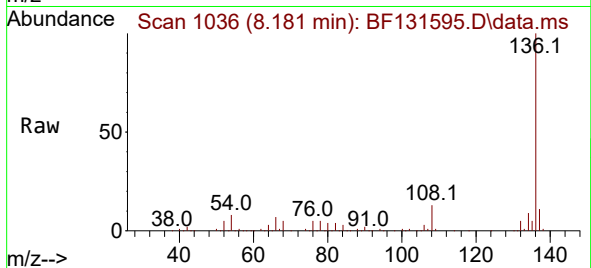
Tgt Ion: 70 Resp: 45409
Ion Ratio Lower Upper
70 100
42 47.3 46.4 69.6
101 0.0 7.2 10.8#
130 1.2 13.3 19.9#



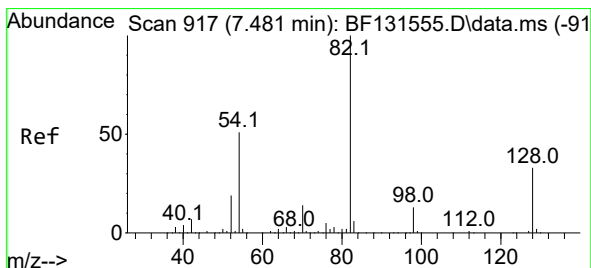
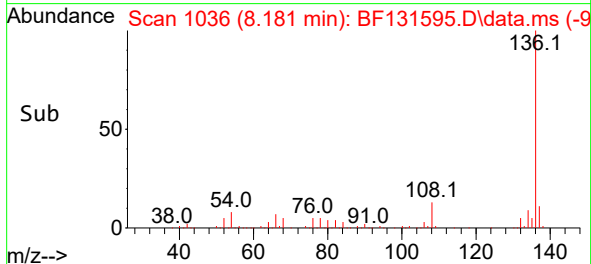
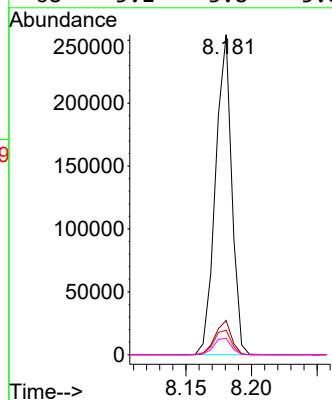


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01

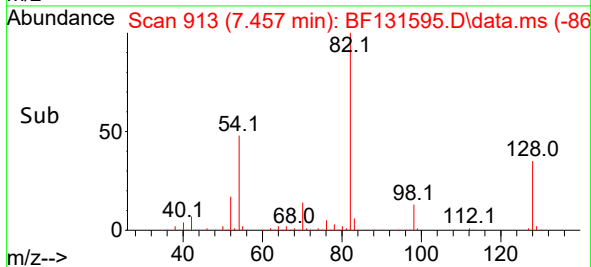
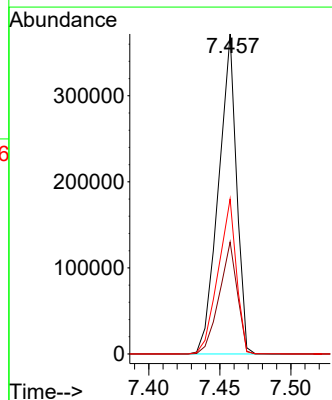
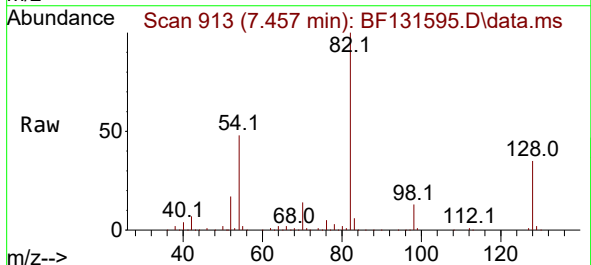


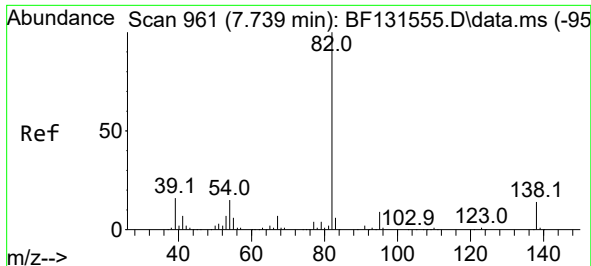
Tgt Ion:136 Resp: 218296
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 7.7 6.0 9.0
68 5.1 3.8 5.8



#23
Nitrobenzene-d5
Concen: 56.827 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

Tgt Ion: 82 Resp: 328119
Ion Ratio Lower Upper
82 100
128 35.0 26.1 39.1
54 48.4 40.6 60.8

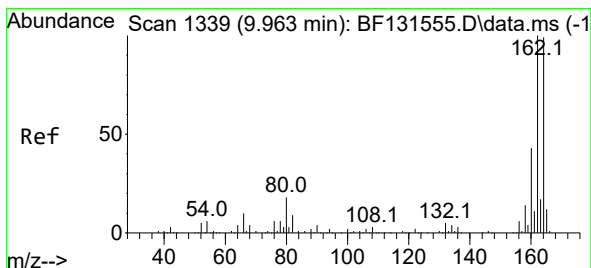
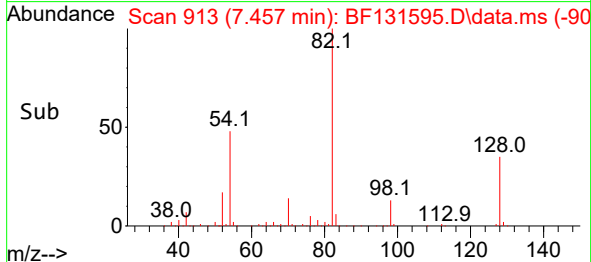
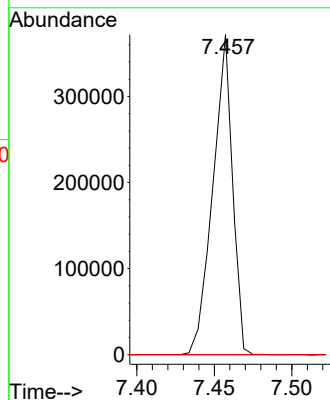
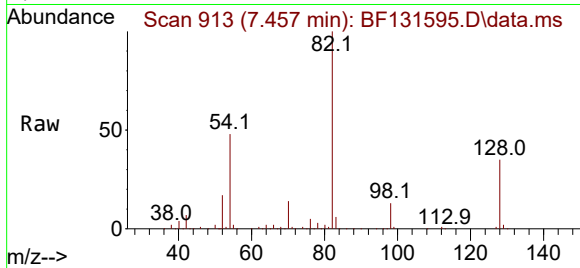




#25
Isophorone
Concen: 35.279 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

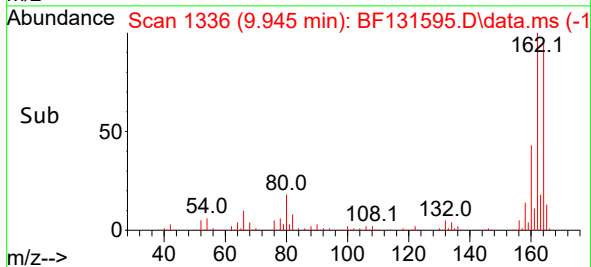
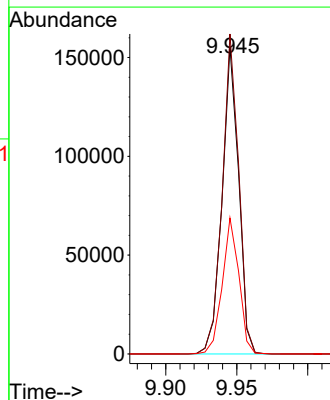
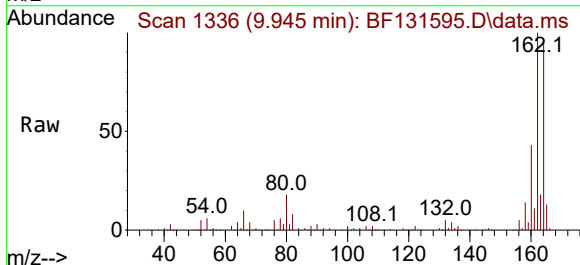
Instrument :
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ClientSampleId :
SU-518-COMP-01

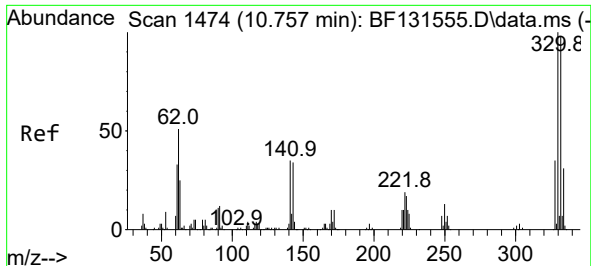
Tgt Ion: 82 Resp: 328112
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

Tgt Ion:164 Resp: 125559
Ion Ratio Lower Upper
164 100
162 104.3 81.0 121.6
160 44.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 101.795 ng

RT: 10.739 min Scan# 1474

Delta R.T. -0.012 min

Lab File: BF131595.D

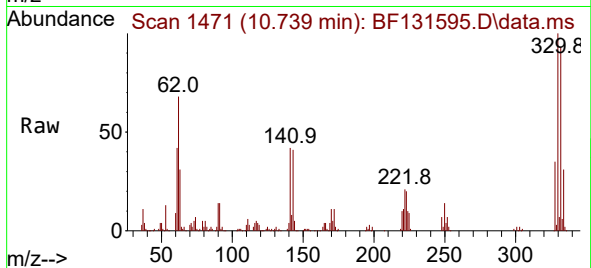
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Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01



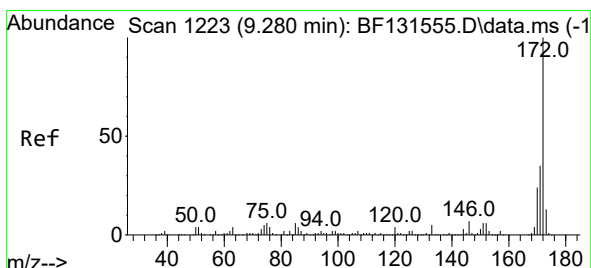
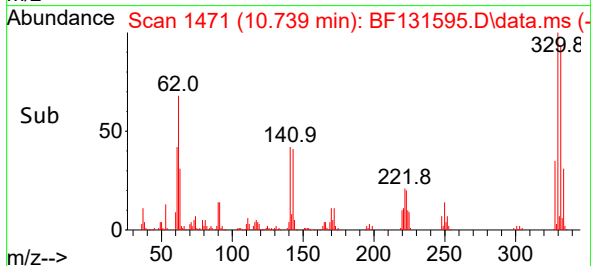
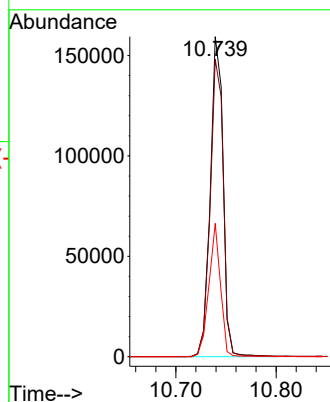
Tgt Ion:330 Resp: 142004

Ion Ratio Lower Upper

330 100

332 95.7 78.3 117.5

141 38.0 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 55.173 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131595.D

Acq: 12 Dec 2022 16:31

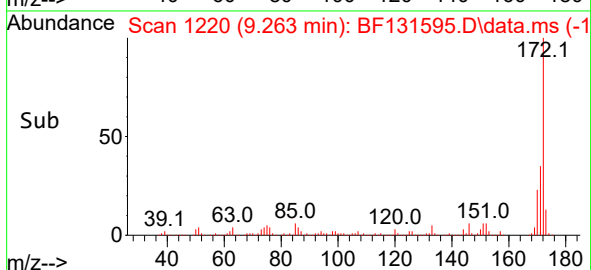
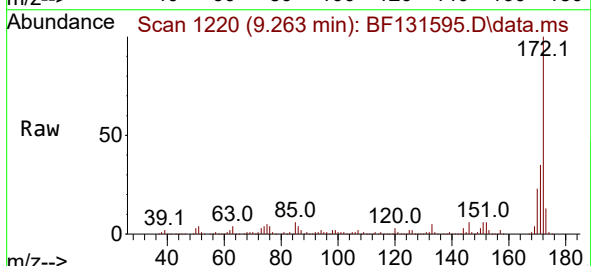
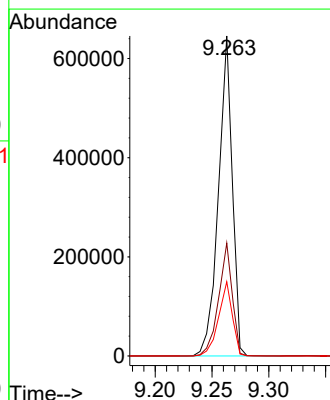
Tgt Ion:172 Resp: 549422

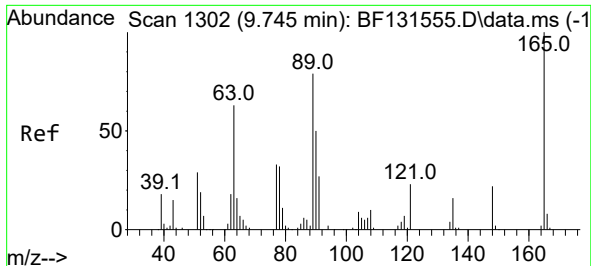
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.2 19.3 28.9

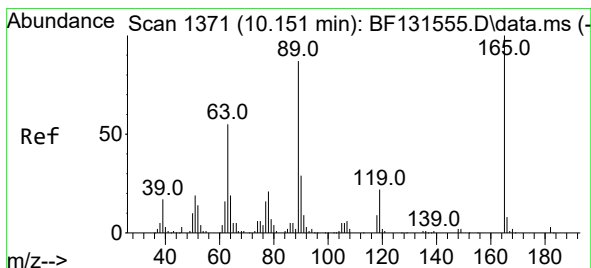
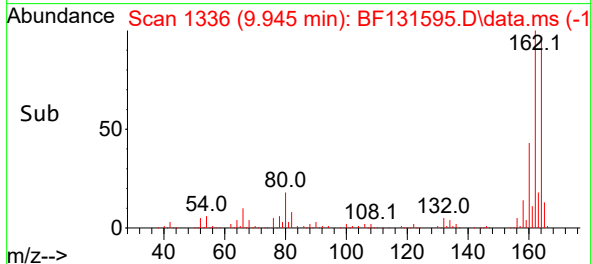
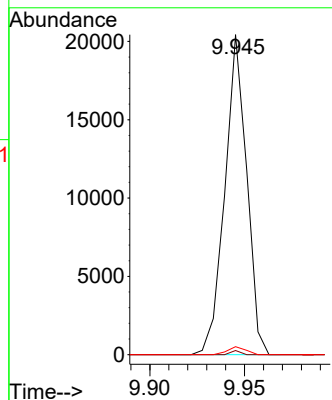
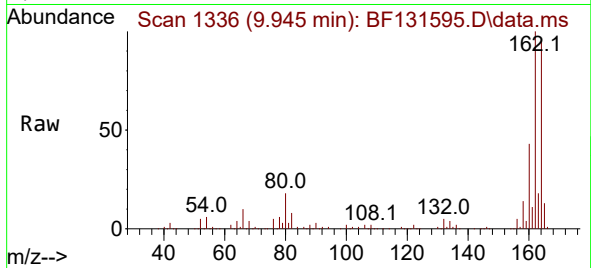




#51
2,6-Dinitrotoluene
Concen: 8.283 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

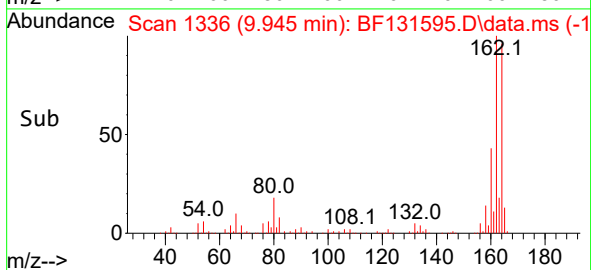
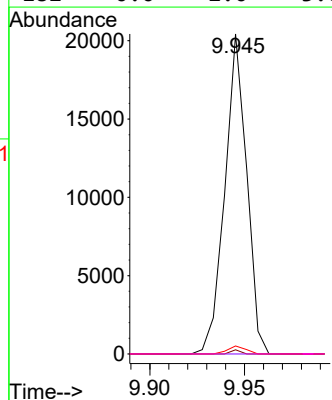
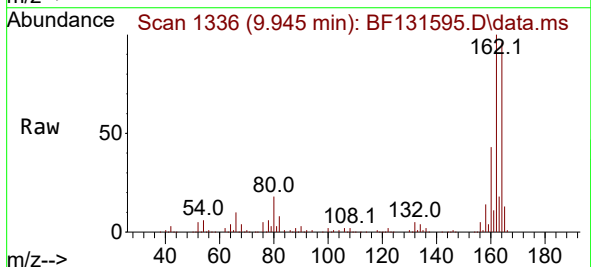
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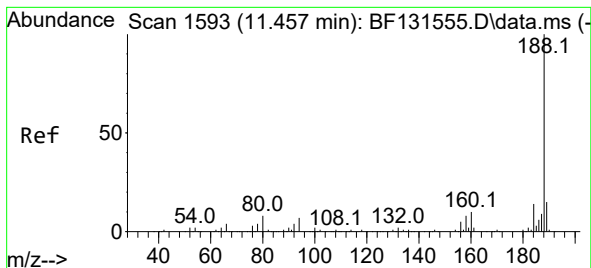
Tgt Ion:165 Resp: 16368
Ion Ratio Lower Upper
165 100
63 1.3 67.9 101.9#
89 2.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.244 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

Tgt Ion:165 Resp: 16368
Ion Ratio Lower Upper
165 100
63 1.3 44.4 66.6#
89 2.5 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131595.D

Acq: 12 Dec 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01

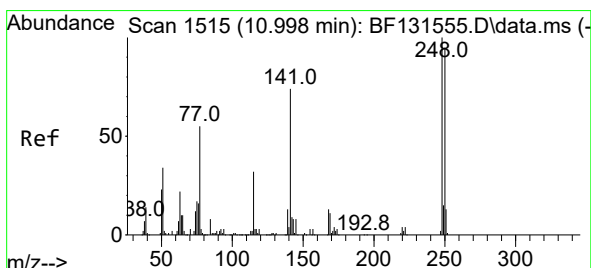
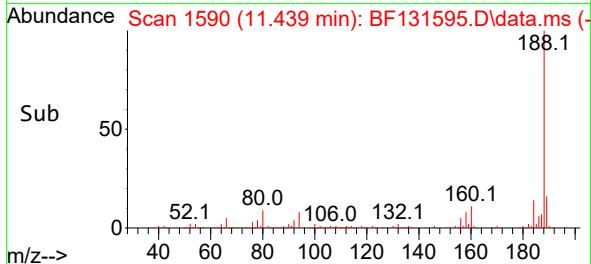
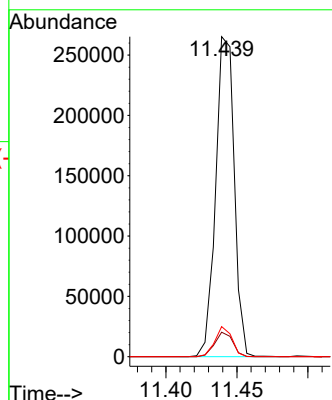
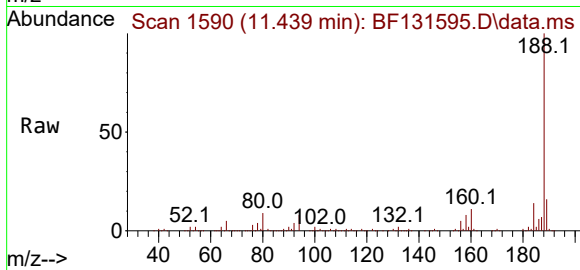
Tgt Ion:188 Resp: 241871

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

80 9.4 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.085 ng

RT: 10.739 min Scan# 1471

Delta R.T. -0.253 min

Lab File: BF131595.D

Acq: 12 Dec 2022 16:31

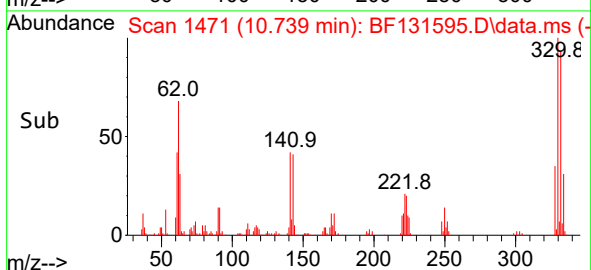
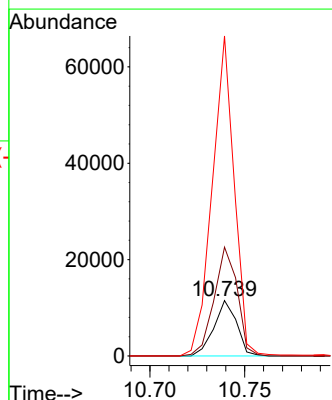
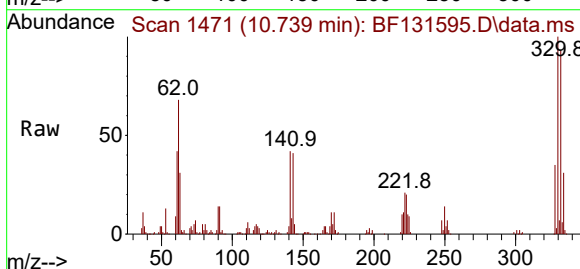
Tgt Ion:248 Resp: 9600

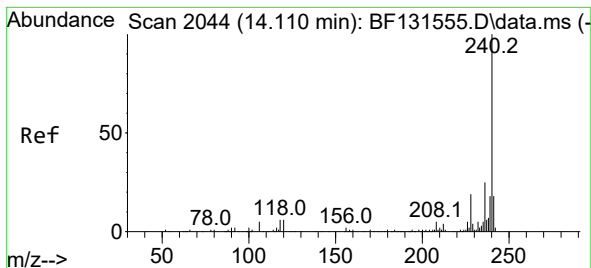
Ion Ratio Lower Upper

248 100

250 196.2 76.2 114.2#

141 577.2 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF131595.D

Acq: 12 Dec 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01

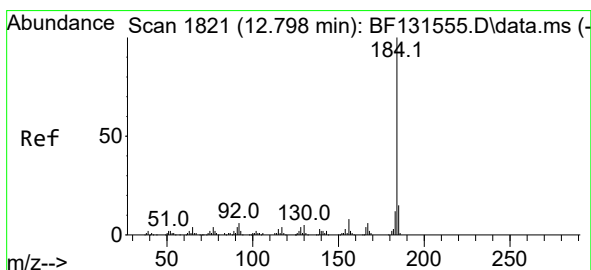
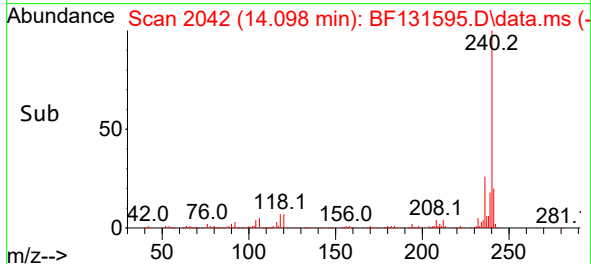
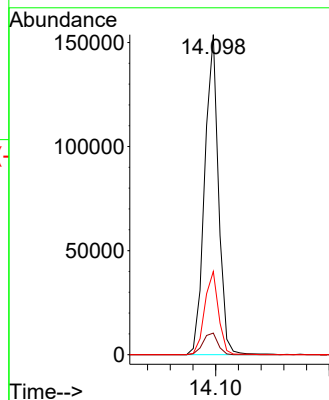
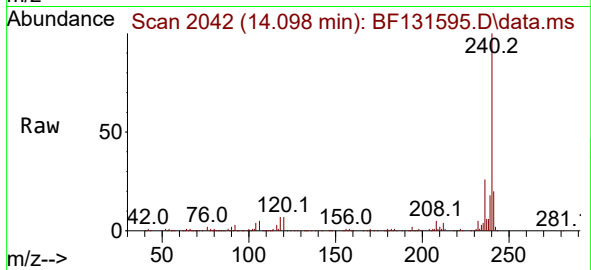
Tgt Ion:240 Resp: 129411

Ion Ratio Lower Upper

240 100

120 6.8 4.6 7.0

236 26.0 20.2 30.2



#77

Benzidine

Concen: 2.422 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.247 min

Lab File: BF131595.D

Acq: 12 Dec 2022 16:31

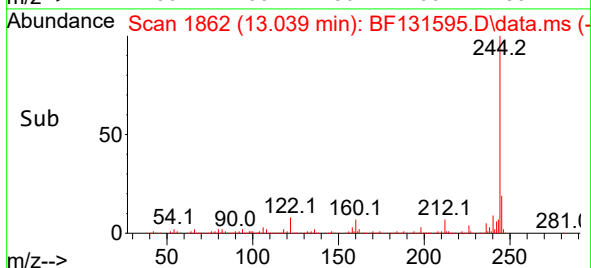
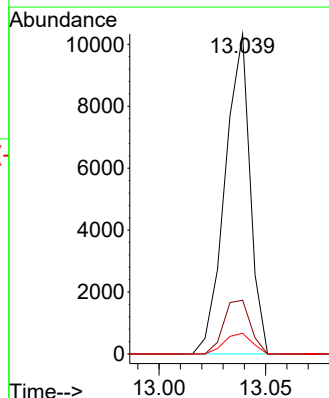
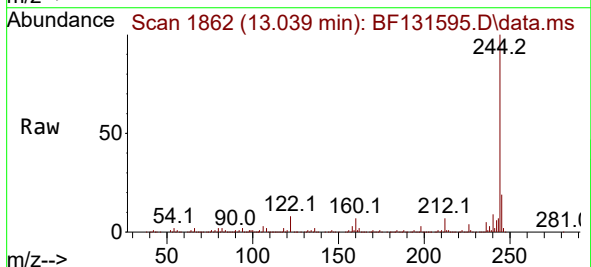
Tgt Ion:184 Resp: 8397

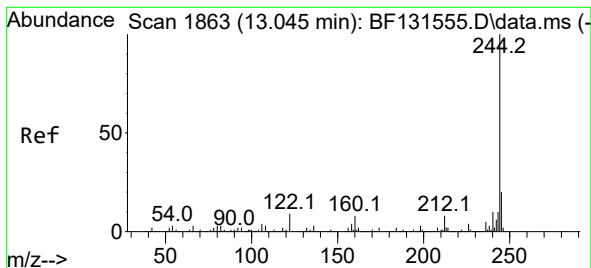
Ion Ratio Lower Upper

184 100

185 16.8 12.2 18.2

183 6.5 9.3 13.9#





#79

Terphenyl-d14

Concen: 60.576 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BF131595.D

Acq: 12 Dec 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01

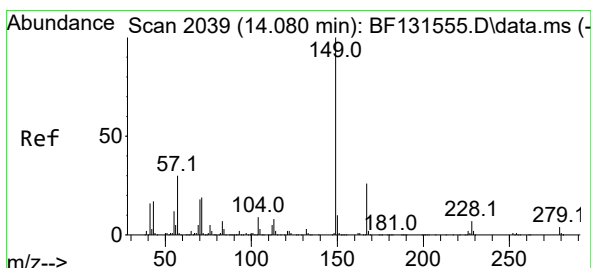
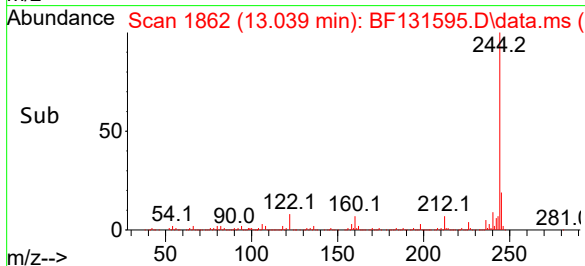
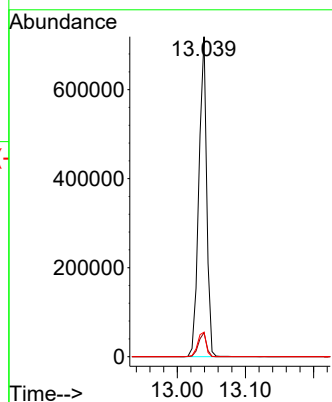
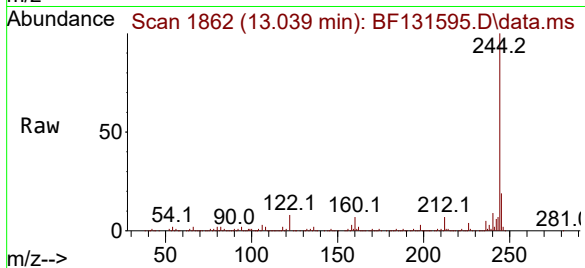
Tgt Ion:244 Resp: 571623

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 7.6 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.055 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131595.D

Acq: 12 Dec 2022 16:31

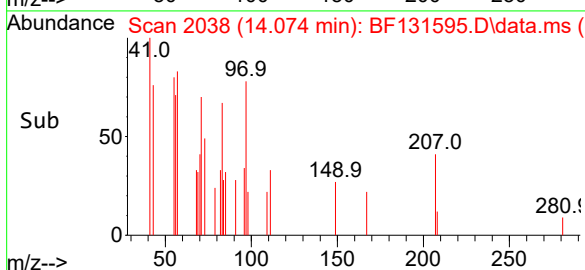
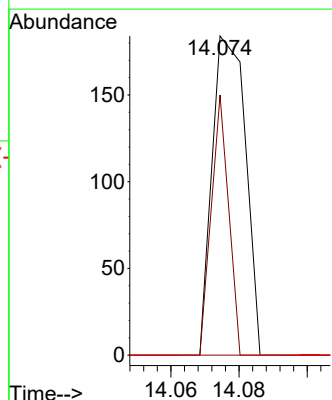
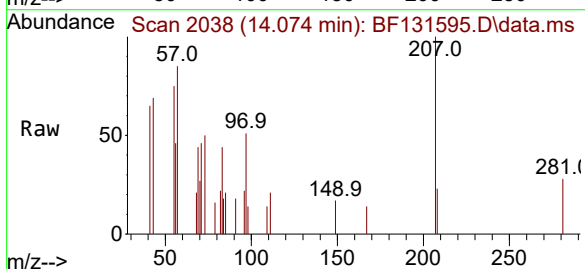
Tgt Ion:149 Resp: 125

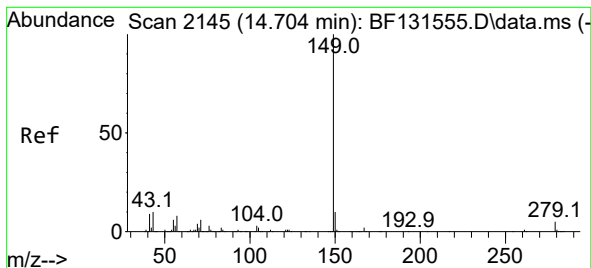
Ion Ratio Lower Upper

149 100

167 81.5 20.8 31.2#

279 0.0 3.3 4.9#

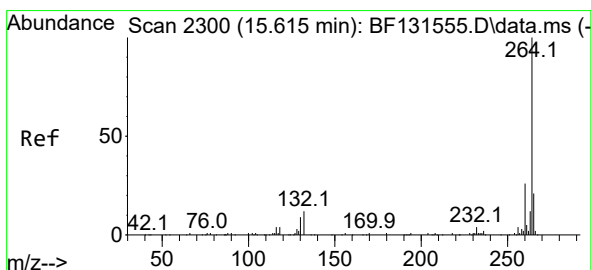
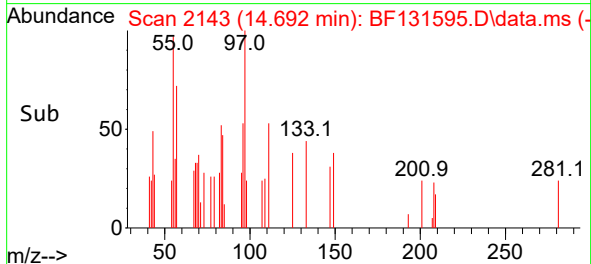
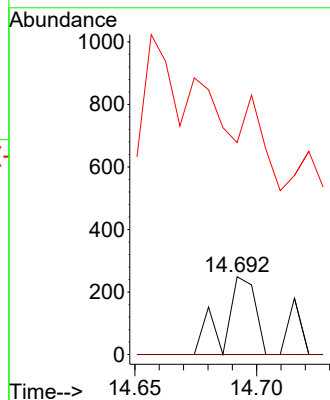
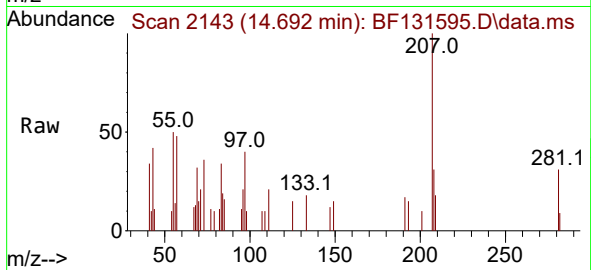




#85
Di-n-octyl phthalate
Concen: 5.243 ng
RT: 14.692 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01

Tgt Ion:149 Resp: 220
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BF131595.D
Acq: 12 Dec 2022 16:31

Tgt Ion:264 Resp: 124830
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 22.2 16.8 25.2

