

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131597.D
 Acq On : 12 Dec 2022 17:35
 Operator : CG\JU
 Sample : N6001-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 13 04:16:34 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)

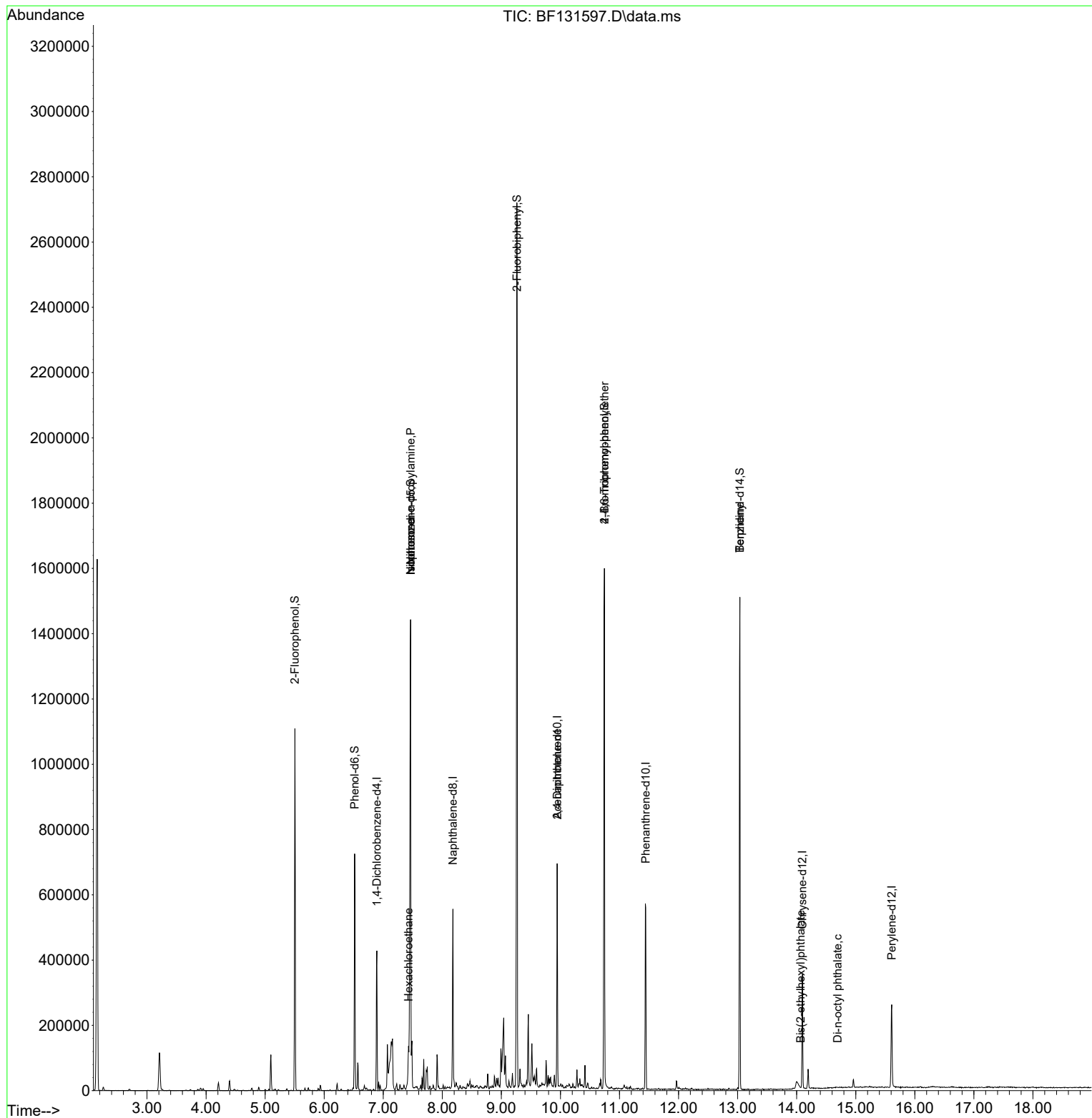
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	57081	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	201402	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	117128	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	214088	20.000	ng	0.00
76) Chrysene-d12	14.098	240	114224	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	124068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	243963	71.302	ng	0.00
7) Phenol-d6	6.516	99	201295	44.895	ng	-0.01
23) Nitrobenzene-d5	7.463	82	483156	90.697	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	180306	138.555	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	829367	89.281	ng	0.00
79) Terphenyl-d14	13.039	244	494996	59.431	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.428	117	4084	2.388	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	71078	21.141	ng	# 77
25) Isophorone	7.463	82	482632	56.246	ng	# 69
57) 2,4-Dinitrotoluene	9.945	165	15277	6.248	ng	# 17
67) 4-Bromophenyl-phenylether	10.745	248	12291	4.463	ng	# 1
77) Benzidine	13.039	184	7824	2.556	ng	# 86
84) Bis(2-ethylhexyl)phtha...	14.068	149	631	3.165	ng	# 54
85) Di-n-octyl phthalate	14.692	149	303	5.256	ng	# 2

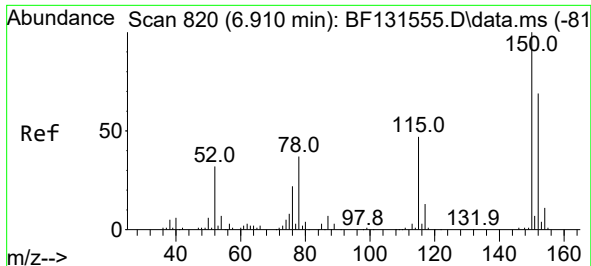
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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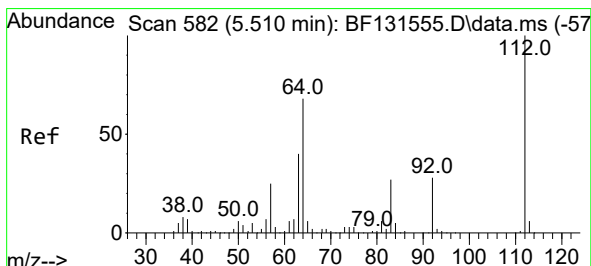
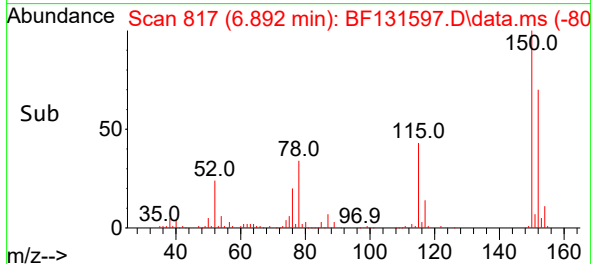
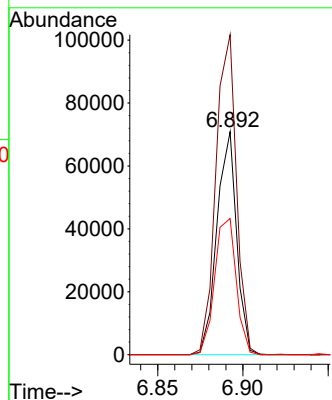
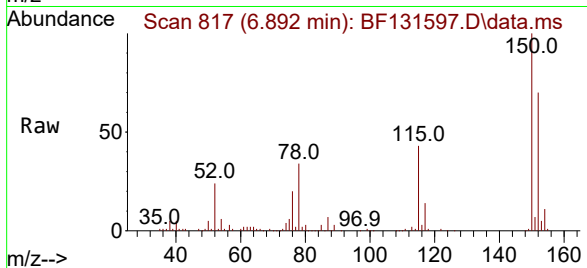




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131597.D
Acq: 12 Dec 2022 17:35

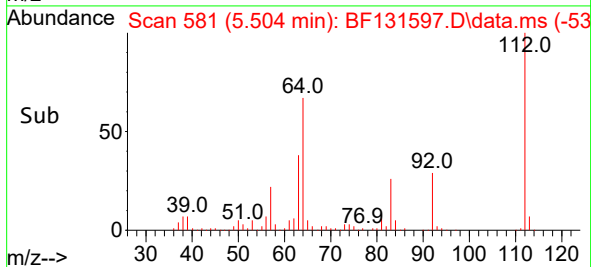
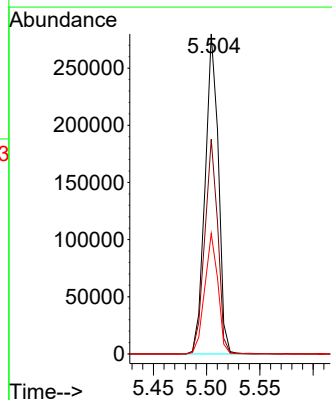
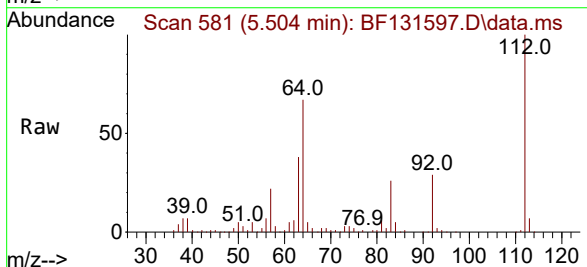
Instrument :
BNA_F
ClientSampleId :
MW-1

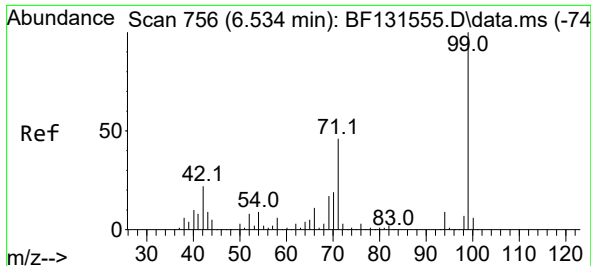
Tgt Ion:152 Resp: 57081
Ion Ratio Lower Upper
152 100
150 143.5 116.7 175.1
115 61.1 54.6 82.0



#5
2-Fluorophenol
Concen: 71.302 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF131597.D
Acq: 12 Dec 2022 17:35

Tgt Ion:112 Resp: 243963
Ion Ratio Lower Upper
112 100
64 67.1 54.5 81.7
63 37.6 31.9 47.9

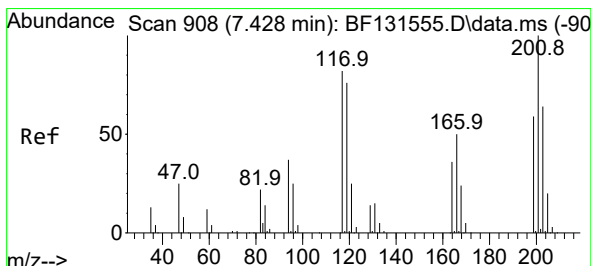
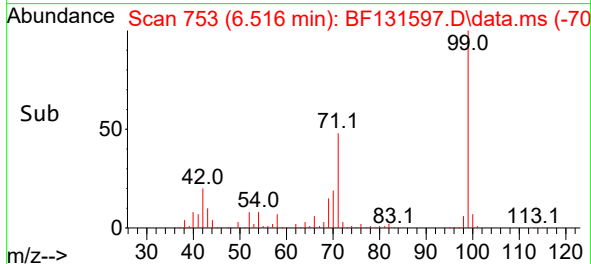
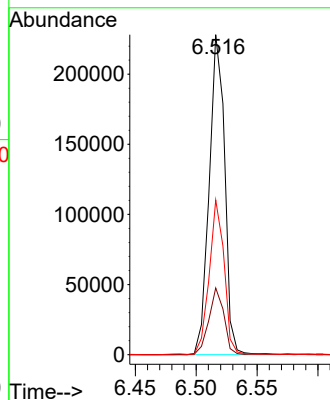
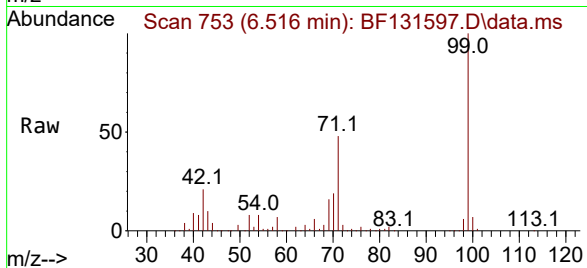




#7
Phenol-d6
Concen: 44.895 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131597.D
Acq: 12 Dec 2022 17:35

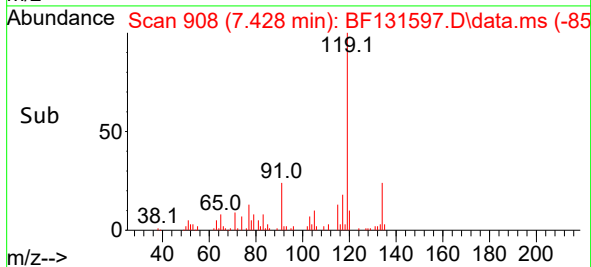
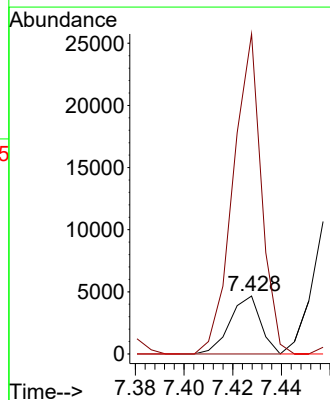
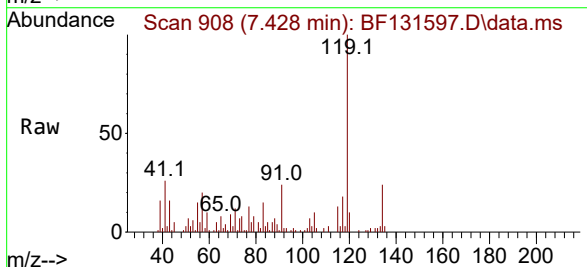
Instrument :
BNA_F
ClientSampleId :
MW-1

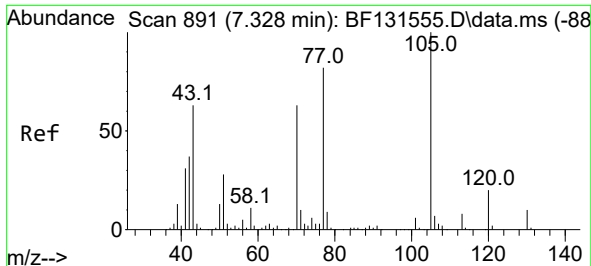
Tgt Ion: 99 Resp: 201295
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 48.3 37.2 55.8



#18
Hexachloroethane
Concen: 2.388 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.018 min
Lab File: BF131597.D
Acq: 12 Dec 2022 17:35

Tgt Ion: 117 Resp: 4084
Ion Ratio Lower Upper
117 100
119 551.9 75.0 112.4#
201 0.0 98.0 147.0#





#19

n-Nitroso-di-n-propylamine

Concen: 21.141 ng

RT: 7.463 min Scan# 91

Delta R.T. 0.147 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion: 70 Resp: 71078

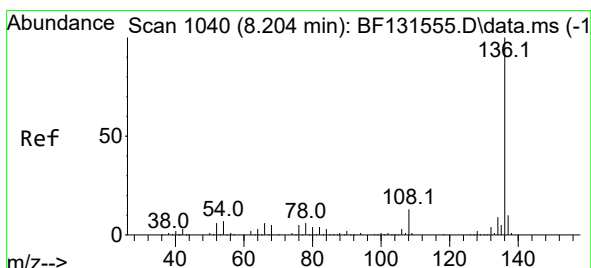
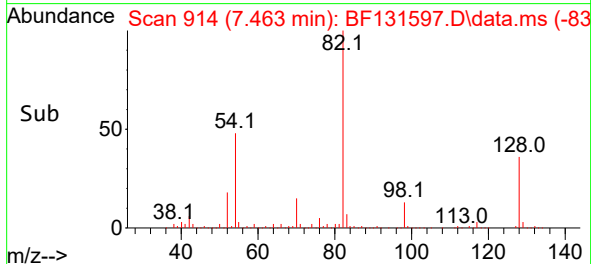
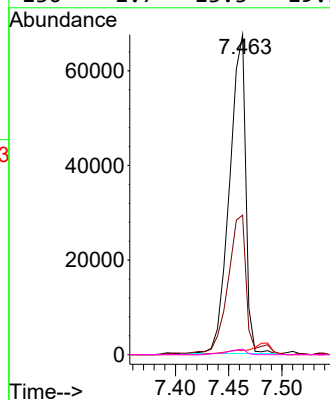
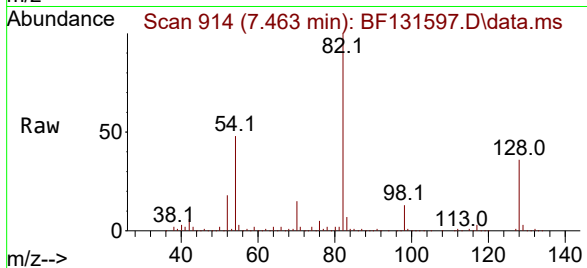
Ion Ratio Lower Upper

70 100

42 43.6 46.4 69.6#

101 1.4 7.2 10.8#

130 1.7 13.3 19.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

Tgt Ion:136 Resp: 201402

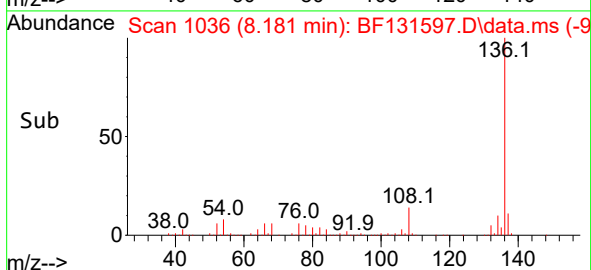
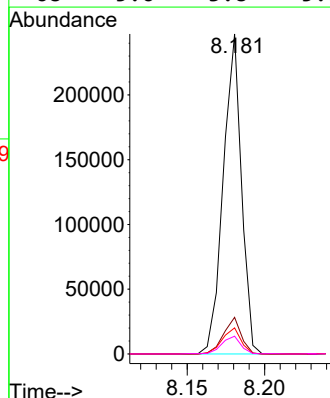
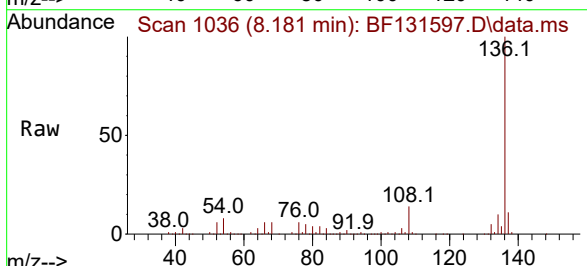
Ion Ratio Lower Upper

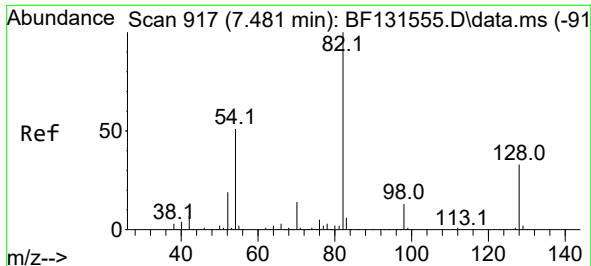
136 100

137 11.5 8.1 12.1

54 8.2 6.0 9.0

68 5.6 3.8 5.8





#23

Nitrobenzene-d5

Concen: 90.697 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

Instrument :

BNA_F

ClientSampleId :

MW-1

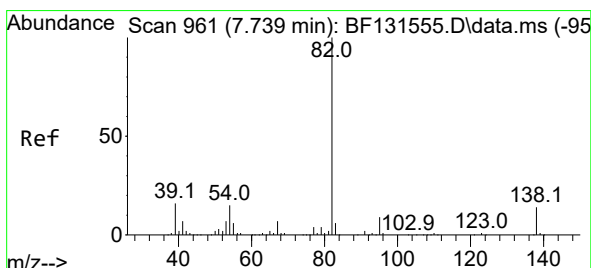
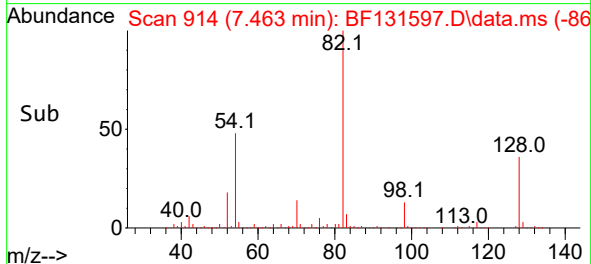
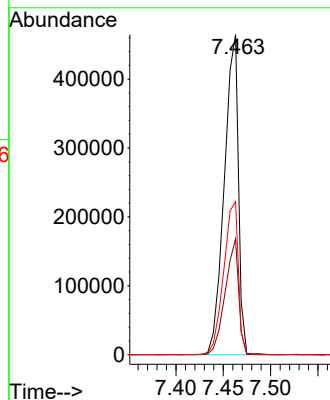
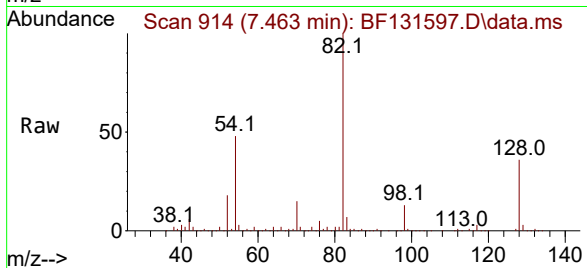
Tgt Ion: 82 Resp: 483156

Ion Ratio Lower Upper

82 100

128 36.2 26.1 39.1

54 47.8 40.6 60.8



#25

Isophorone

Concen: 56.246 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.259 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

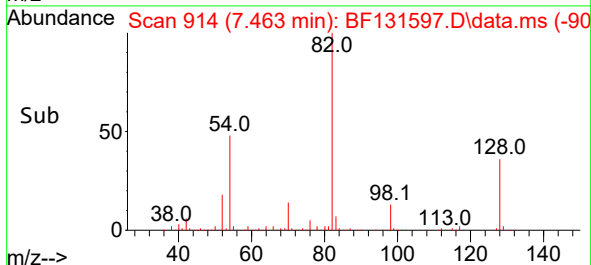
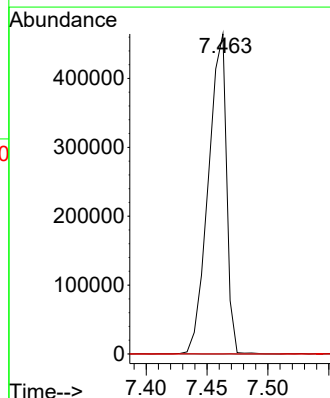
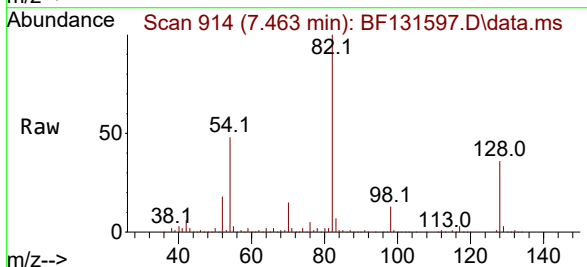
Tgt Ion: 82 Resp: 482632

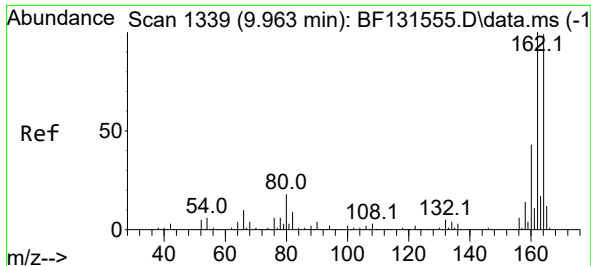
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

Instrument :

BNA_F

ClientSampleId :

MW-1

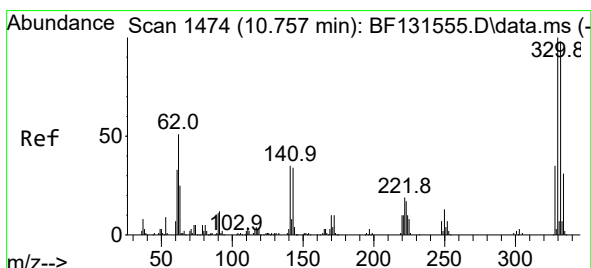
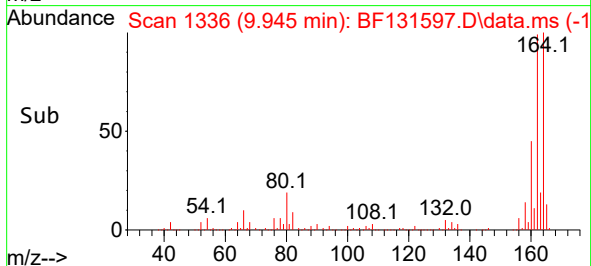
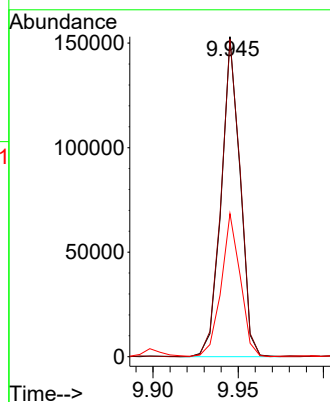
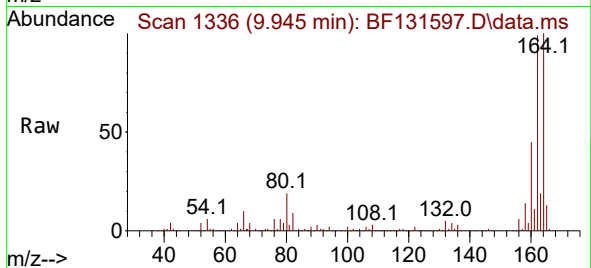
Tgt Ion:164 Resp: 117128

Ion Ratio Lower Upper

164 100

162 99.2 81.0 121.6

160 44.7 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 138.555 ng

RT: 10.745 min Scan# 1472

Delta R.T. -0.006 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

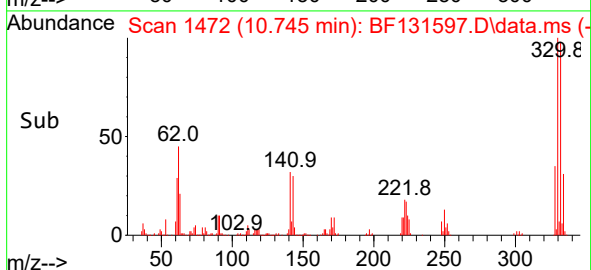
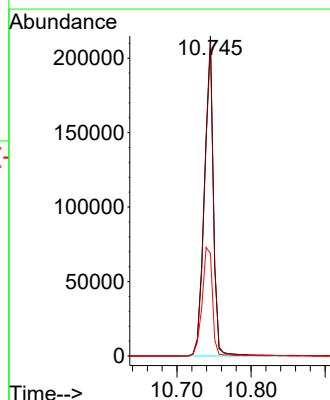
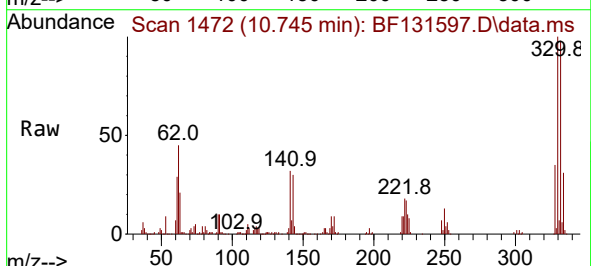
Tgt Ion:330 Resp: 180306

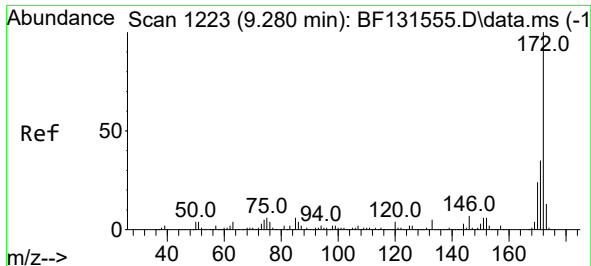
Ion Ratio Lower Upper

330 100

332 97.2 78.3 117.5

141 39.0 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 89.281 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

Instrument :

BNA_F

ClientSampleId :

MW-1

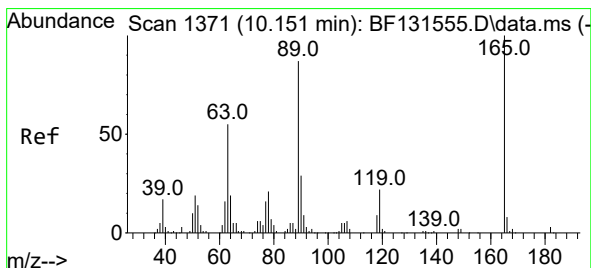
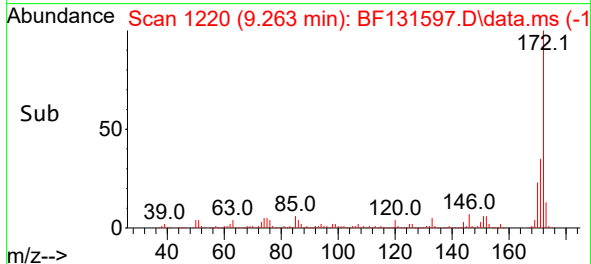
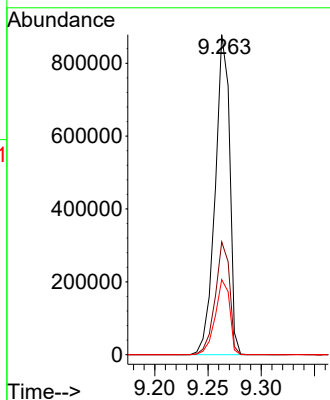
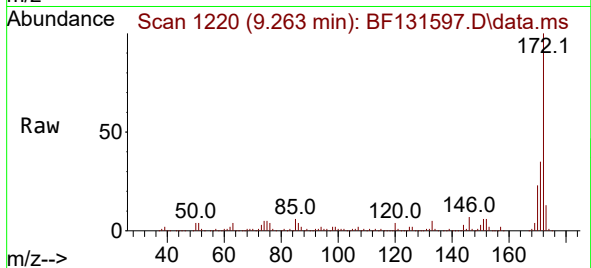
Tgt Ion:172 Resp: 829367

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.3 28.9



#57

2,4-Dinitrotoluene

Concen: 6.248 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.200 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

Tgt Ion:165 Resp: 15277

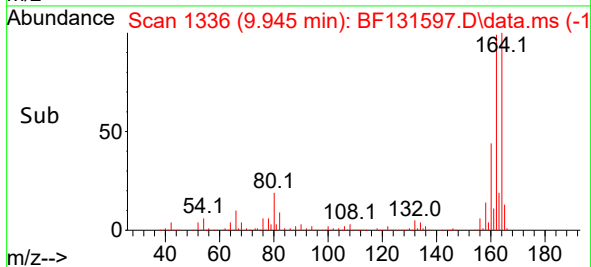
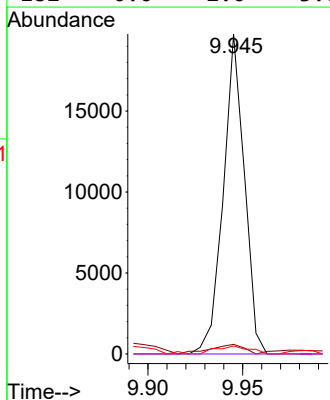
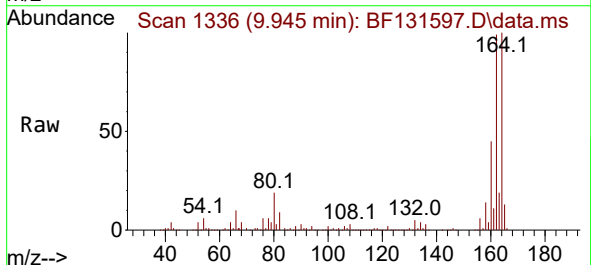
Ion Ratio Lower Upper

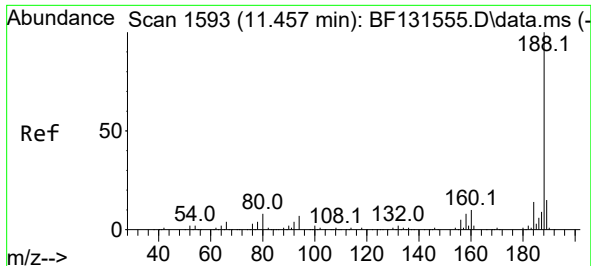
165 100

63 3.0 44.4 66.6#

89 2.5 69.6 104.4#

182 0.0 2.0 3.0#

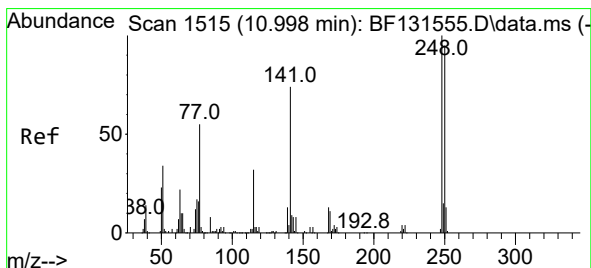
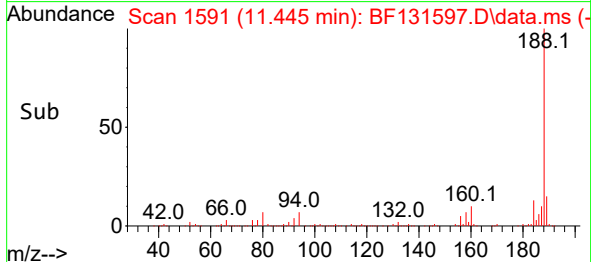
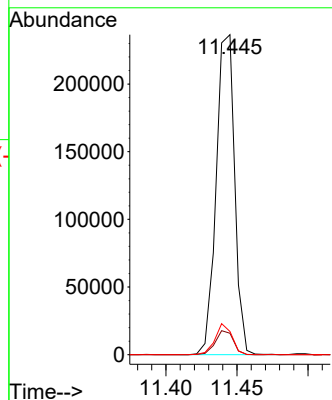
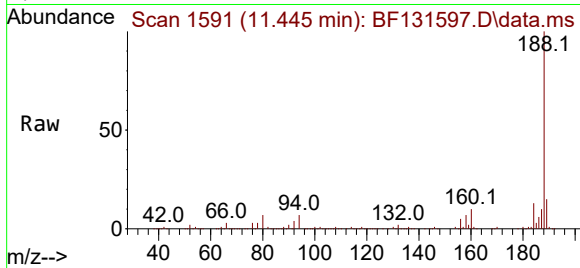




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131597.D
Acq: 12 Dec 2022 17:35

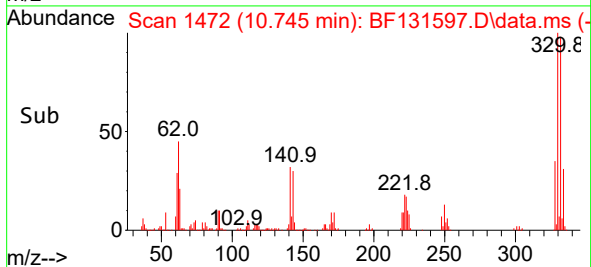
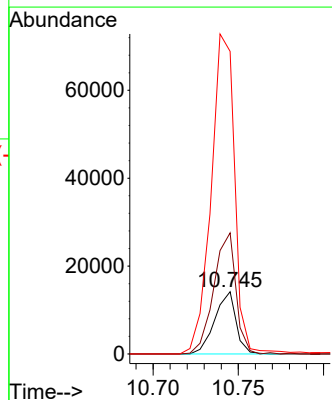
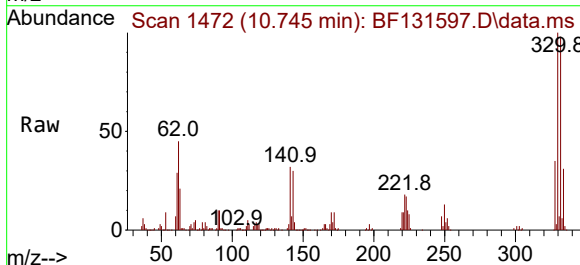
Instrument :
BNA_F
ClientSampleId :
MW-1

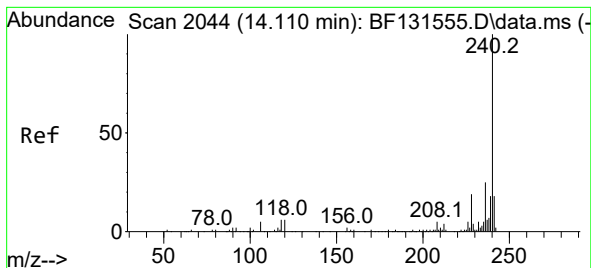
Tgt Ion:188 Resp: 214088
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 7.3 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.463 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF131597.D
Acq: 12 Dec 2022 17:35

Tgt Ion:248 Resp: 12291
Ion Ratio Lower Upper
248 100
250 194.4 76.2 114.2#
141 485.8 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: BF131597.D

Acq: 12 Dec 2022 17:35

Instrument :

BNA_F

ClientSampleId :

MW-1

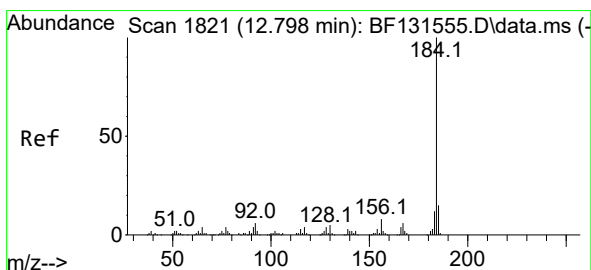
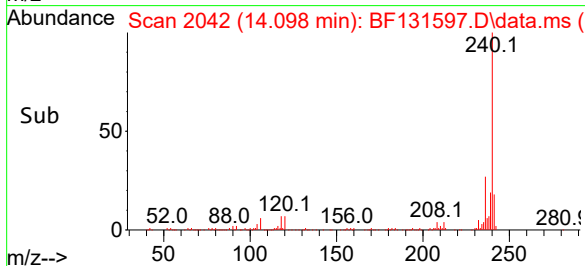
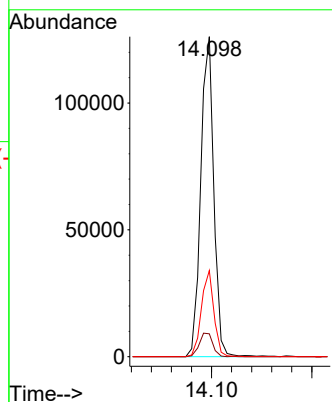
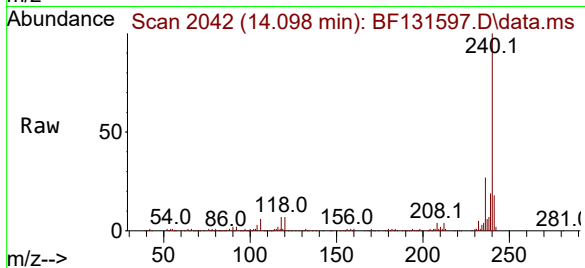
Tgt Ion:240 Resp: 114224

Ion Ratio Lower Upper

240 100

120 7.2 4.6 7.0#

236 26.9 20.2 30.2



#77

Benzdine

Concen: 2.556 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.247 min

Lab File: BF131597.D

Acq: 12 Dec 2022 17:35

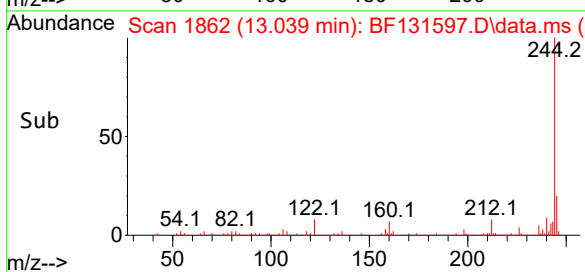
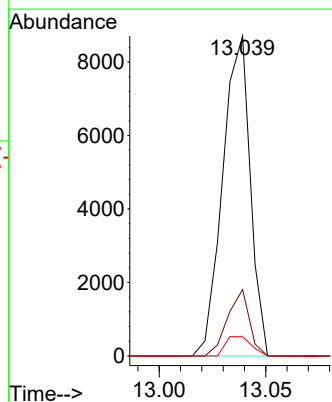
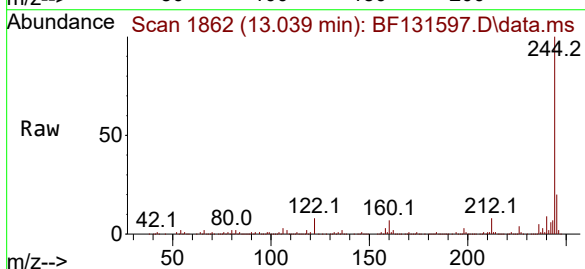
Tgt Ion:184 Resp: 7824

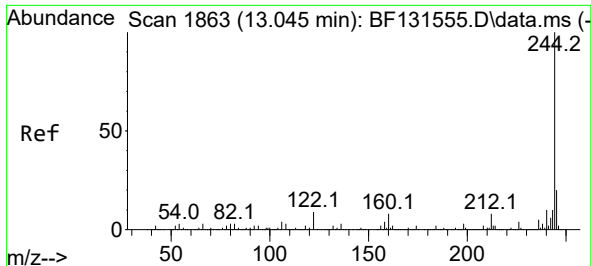
Ion Ratio Lower Upper

184 100

185 20.8 12.2 18.2#

183 6.0 9.3 13.9#

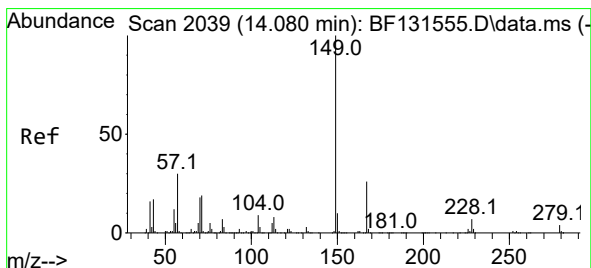
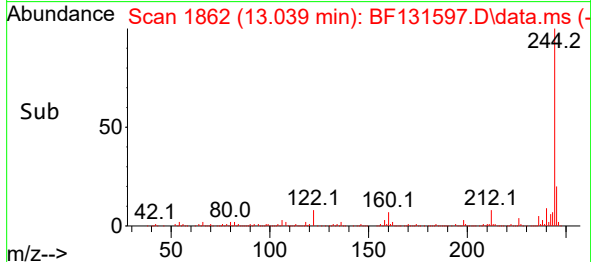
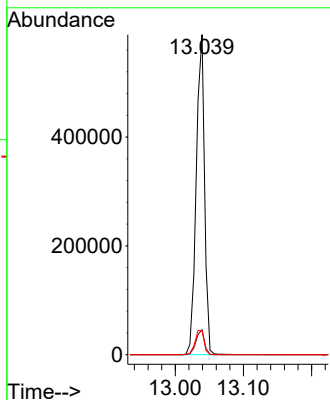
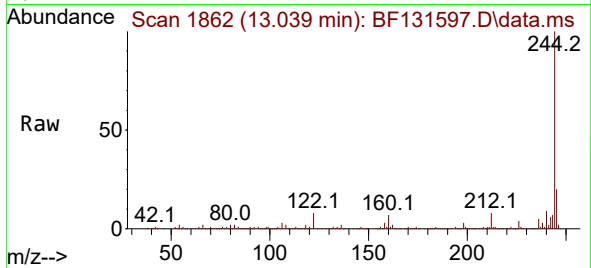




#79
 Terphenyl-d14
 Concen: 59.431 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. -0.006 min
 Lab File: BF131597.D
 Acq: 12 Dec 2022 17:35

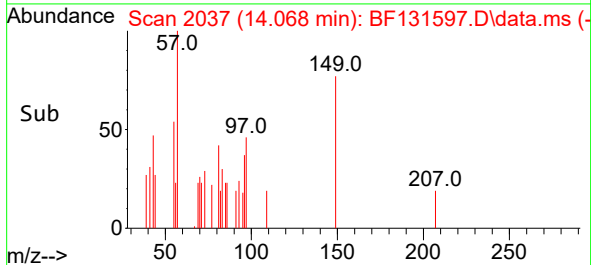
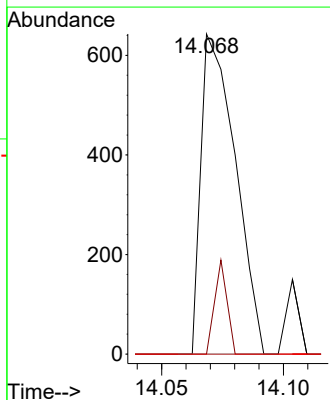
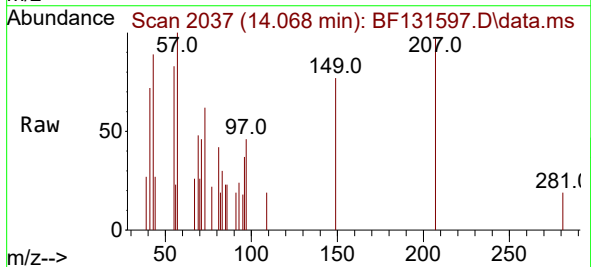
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

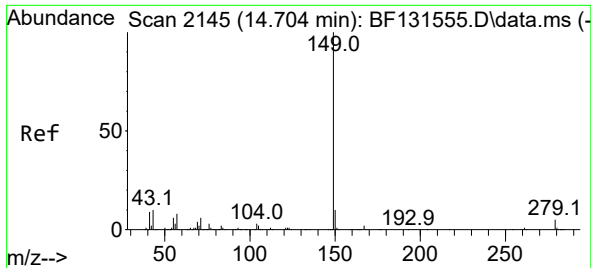
Tgt Ion:244 Resp: 494996
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.5 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.165 ng
 RT: 14.068 min Scan# 2037
 Delta R.T. -0.012 min
 Lab File: BF131597.D
 Acq: 12 Dec 2022 17:35

Tgt Ion:149 Resp: 631
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#

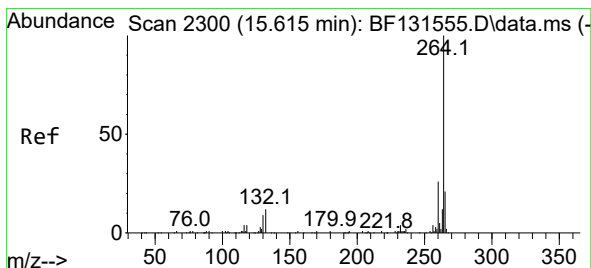
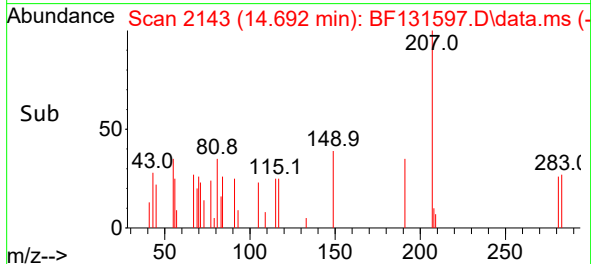
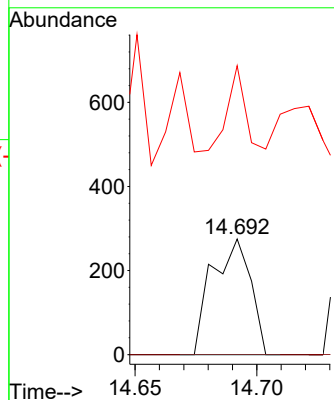
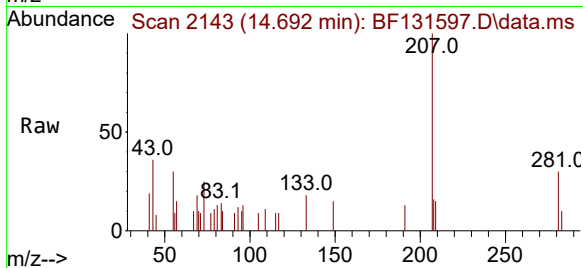




#85
Di-n-octyl phthalate
Concen: 5.256 ng
RT: 14.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BF131597.D
Acq: 12 Dec 2022 17:35

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:149 Resp: 303
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 52.8 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: BF131597.D
Acq: 12 Dec 2022 17:35

Tgt Ion:264 Resp: 124068
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 21.2 16.8 25.2

