

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131692.D
 Acq On : 19 Dec 2022 16:56
 Operator : CG\JU
 Sample : N6067-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUID-20221214

Quant Time: Dec 20 01:04:44 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 20 00:23:43 2022
 Response via : Initial Calibration

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

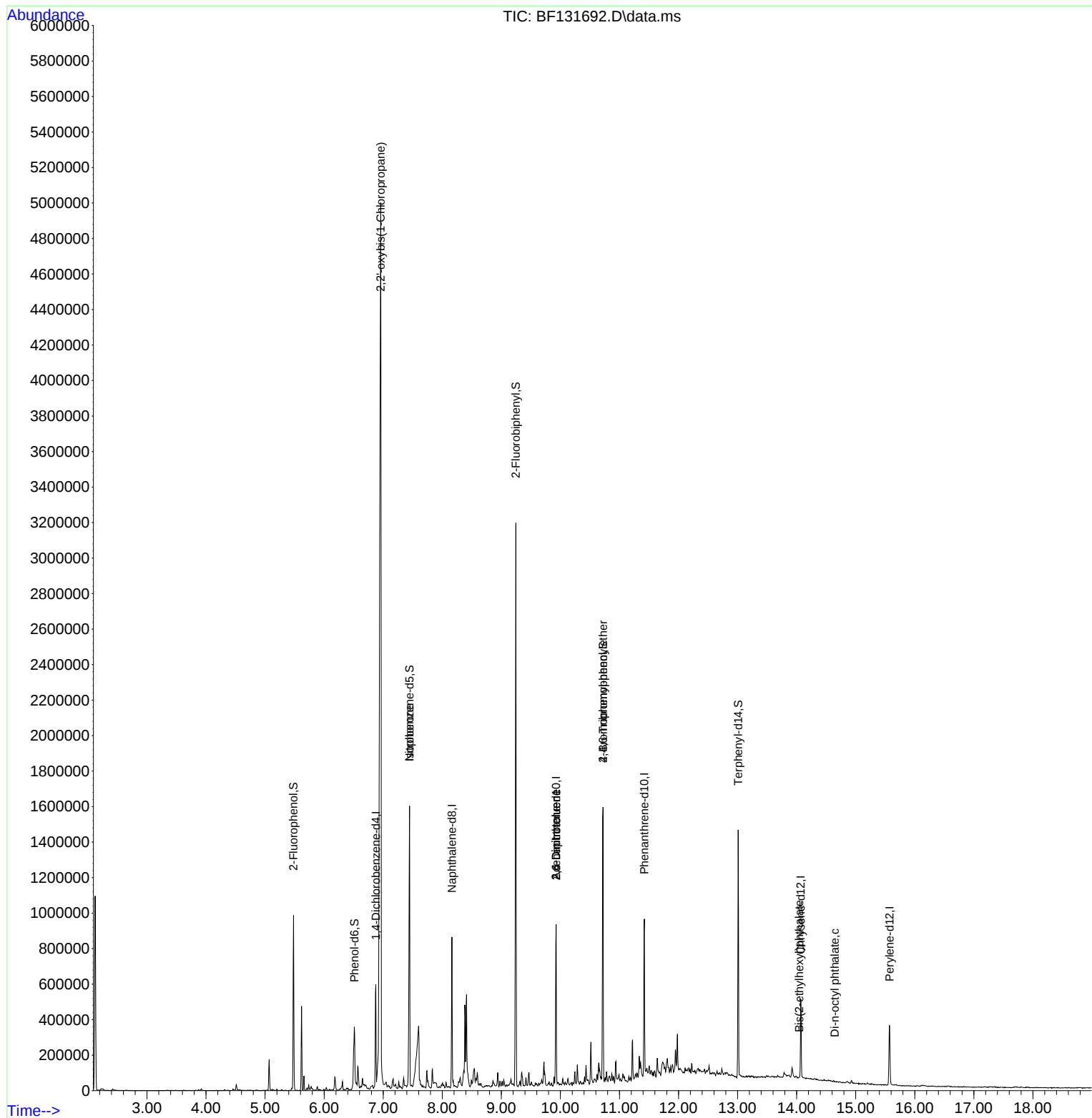
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83021	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	300773	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	173889	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	314787	20.000	ng	0.00
76) Chrysene-d12	14.069	240	145977	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	167089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	221639	44.538	ng	0.00
7) Phenol-d6	6.510	99	182143	27.931	ng	0.00
23) Nitrobenzene-d5	7.445	82	543513	68.319	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	172840	89.464	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	883779	64.083	ng	0.00
79) Terphenyl-d14	13.010	244	425352	39.960	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	6.957	45	41128	5.839	ng	82
25) Isophorone	7.445	82	541371	42.247	ng	# 70
51) 2,6-Dinitrotoluene	9.928	165	22293	8.146	ng	# 11
57) 2,4-Dinitrotoluene	9.928	165	22293	6.141	ng	# 17
67) 4-Bromophenyl-phenylether	10.722	248	12385	3.058	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.045	149	736	3.154	ng	# 94
85) Di-n-octyl phthalate	14.645	149	142	5.233	ng	# 1

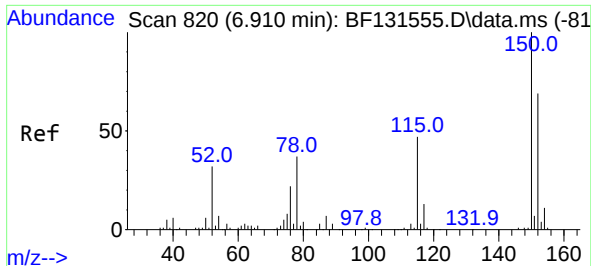
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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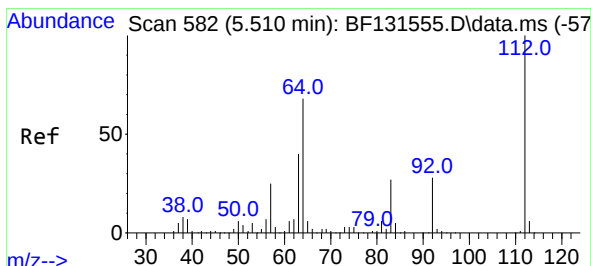
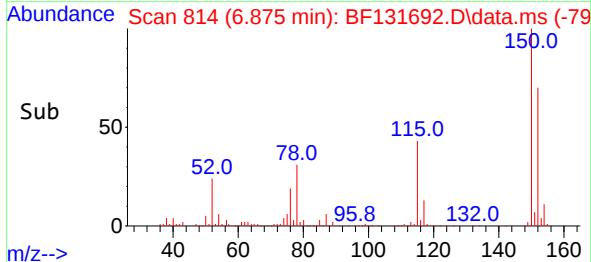
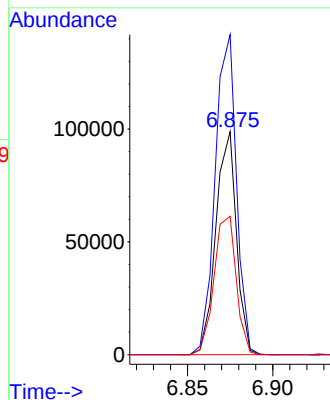
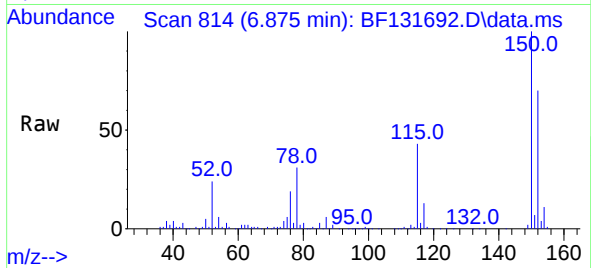




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

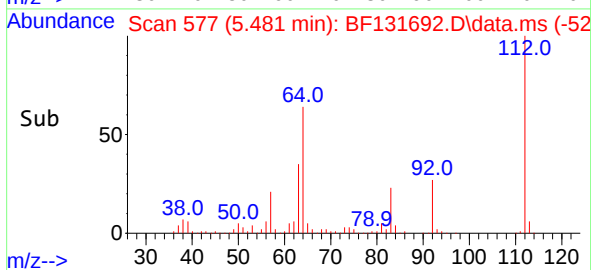
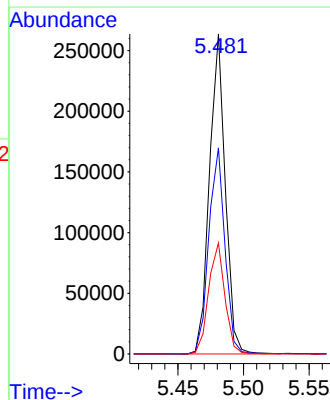
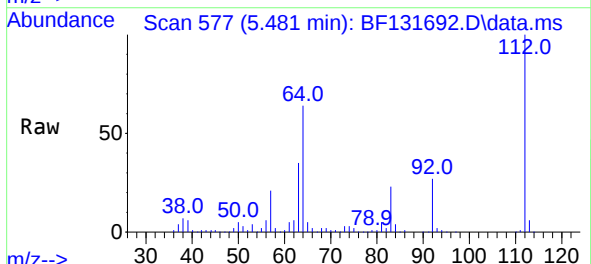
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20221214

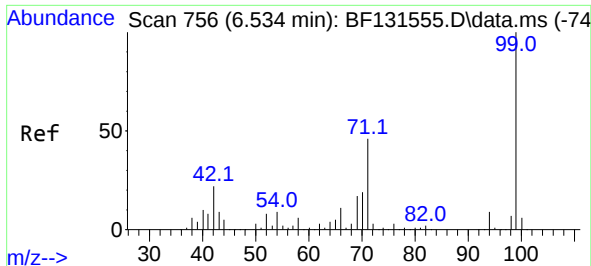
Tgt Ion:152 Resp: 83021
Ion Ratio Lower Upper
152 100
150 143.5 116.7 175.1
115 62.0 54.6 82.0



#5
2-Fluorophenol
Concen: 44.538 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

Tgt Ion:112 Resp: 221639
Ion Ratio Lower Upper
112 100
64 64.4 54.5 81.7
63 34.7 31.9 47.9

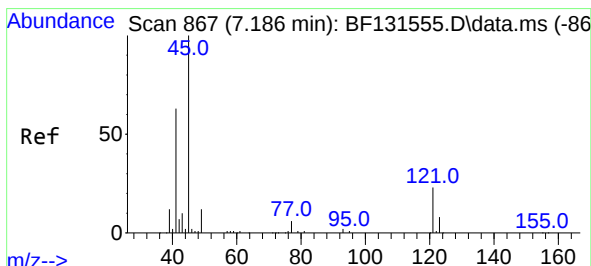
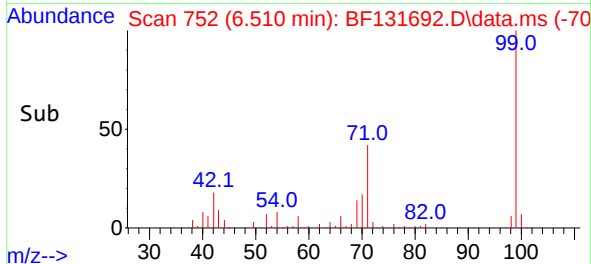
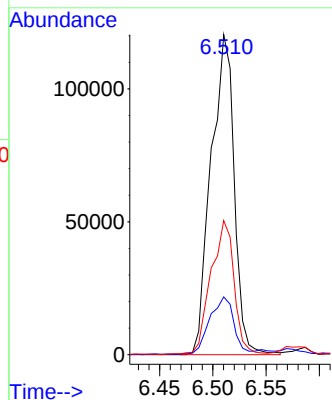
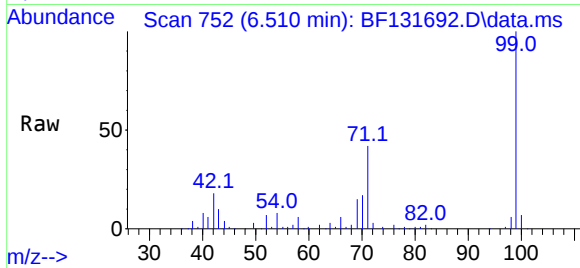




#7
Phenol-d6
Concen: 27.931 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

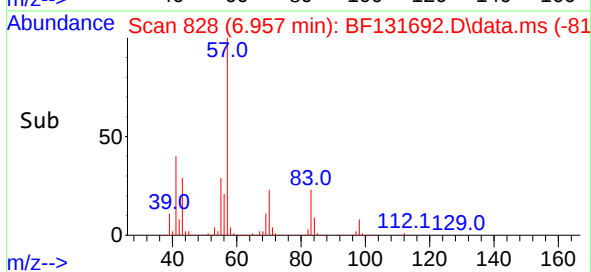
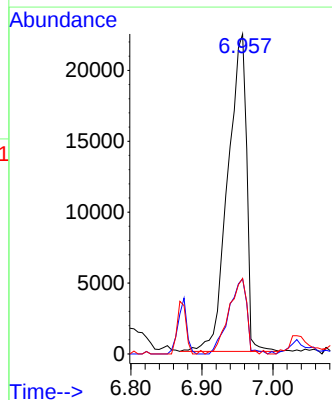
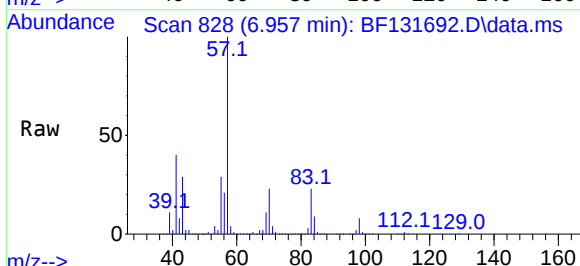
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20221214

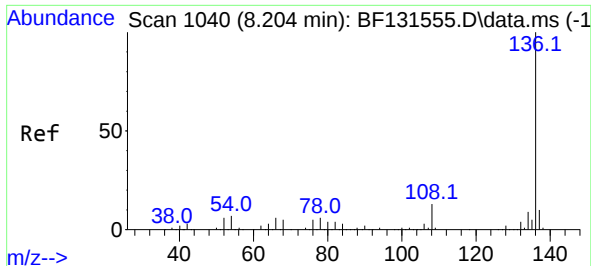
Tgt Ion: 99 Resp: 182143
Ion Ratio Lower Upper
99 100
42 18.1 17.9 26.9
71 41.9 37.2 55.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.839 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.194 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

Tgt Ion: 45 Resp: 41128
Ion Ratio Lower Upper
45 100
77 23.5 0.0 37.7
79 23.6 0.0 33.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131692.D

Acq: 19 Dec 2022 16:56

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20221214

Tgt Ion:136 Resp: 300773

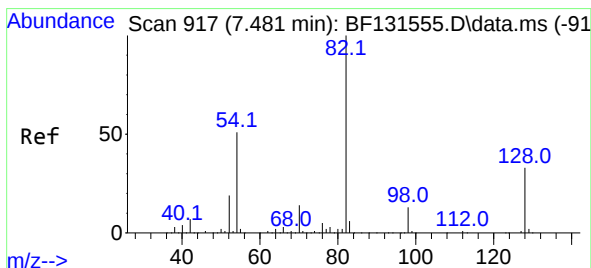
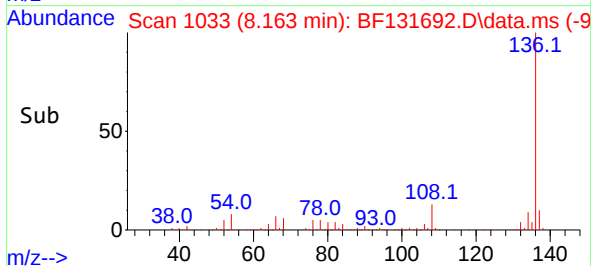
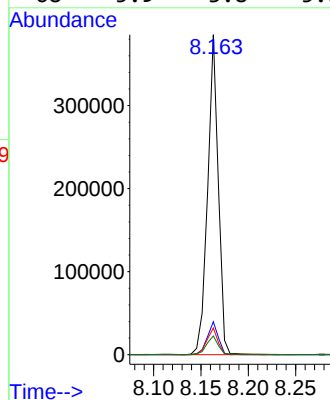
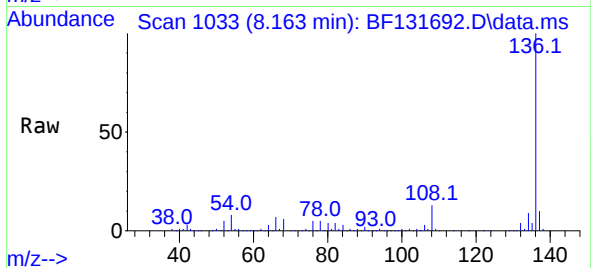
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 8.3 6.0 9.0

68 5.9 3.8 5.8#



#23

Nitrobenzene-d5

Concen: 68.319 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF131692.D

Acq: 19 Dec 2022 16:56

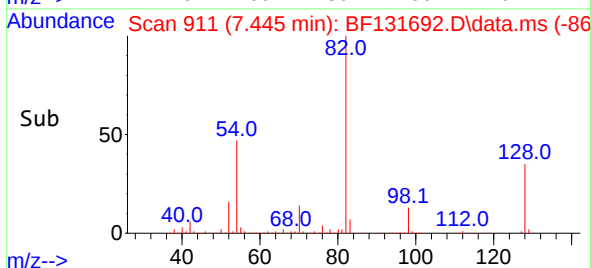
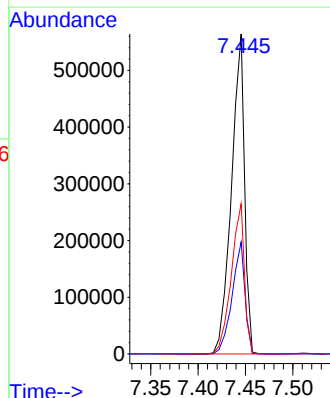
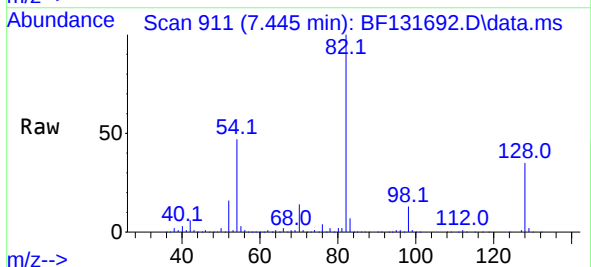
Tgt Ion: 82 Resp: 543513

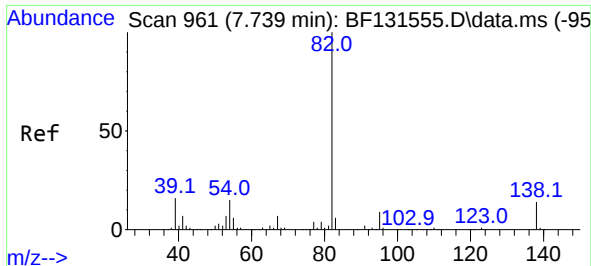
Ion Ratio Lower Upper

82 100

128 35.0 26.1 39.1

54 46.9 40.6 60.8

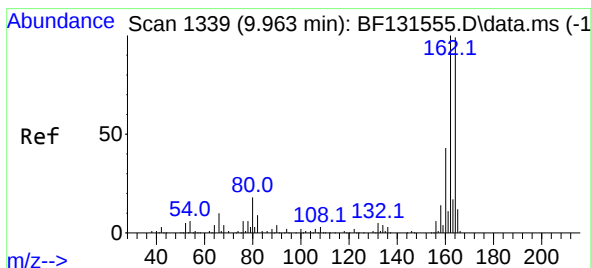
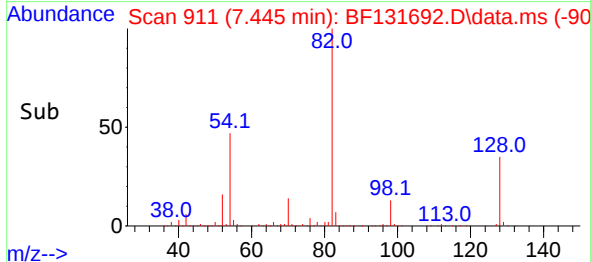
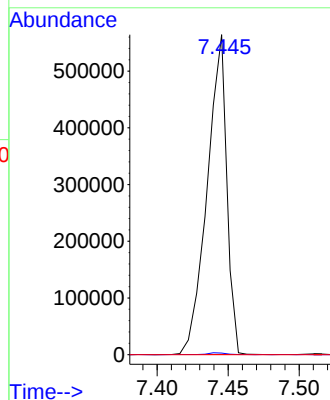
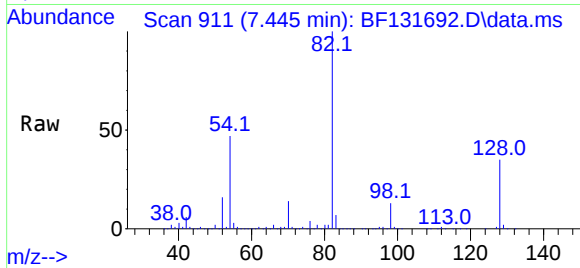




#25
Isophorone
Concen: 42.247 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

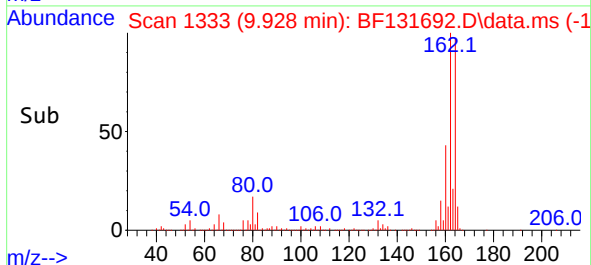
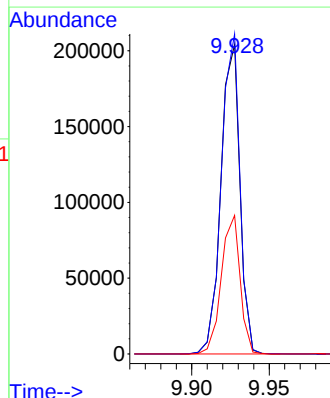
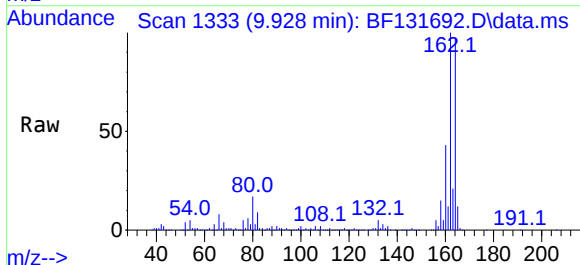
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20221214

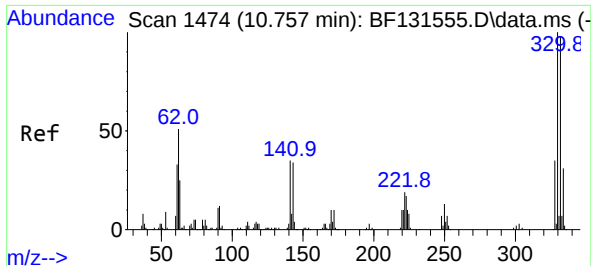
Tgt Ion: 82 Resp: 541371
Ion Ratio Lower Upper
82 100
95 0.5 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

Tgt Ion:164 Resp: 173889
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.6
160 44.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 89.464 ng

RT: 10.722 min Scan# 1468

Delta R.T. 0.000 min

Lab File: BF131692.D

Acq: 19 Dec 2022 16:56

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20221214

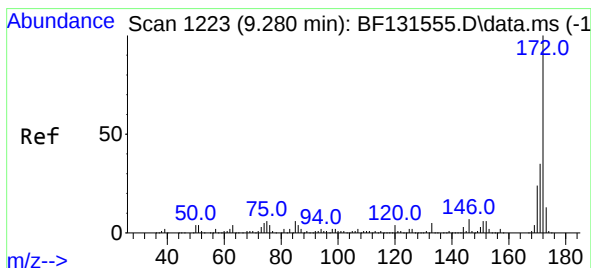
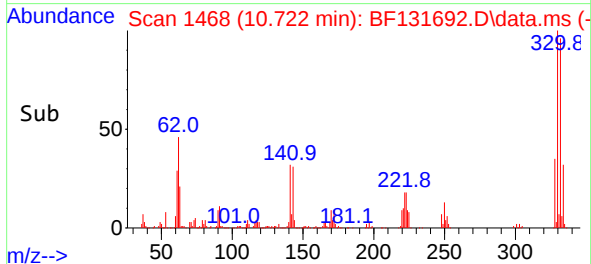
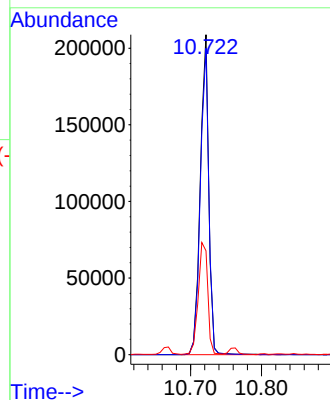
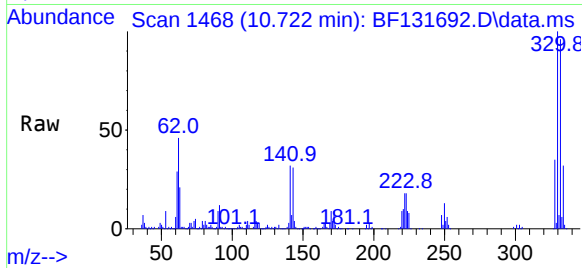
Tgt Ion:330 Resp: 172840

Ion Ratio Lower Upper

330 100

332 96.6 78.3 117.5

141 39.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 64.083 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131692.D

Acq: 19 Dec 2022 16:56

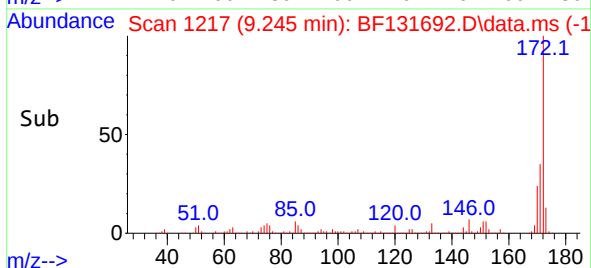
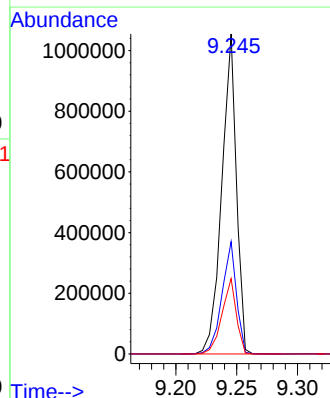
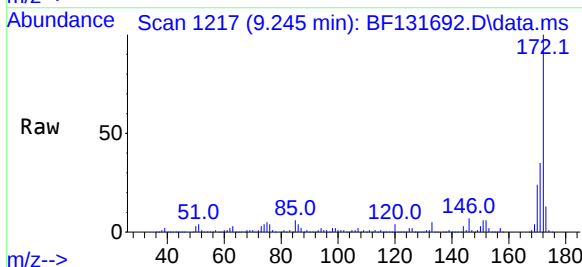
Tgt Ion:172 Resp: 883779

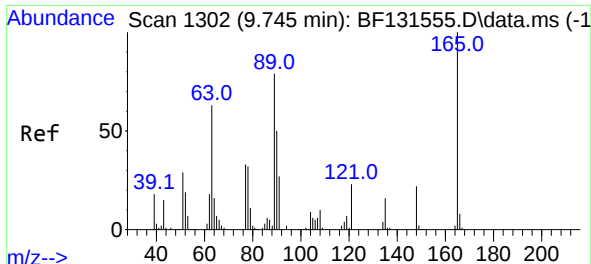
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 19.3 28.9

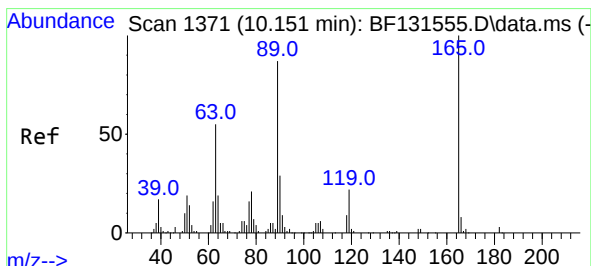
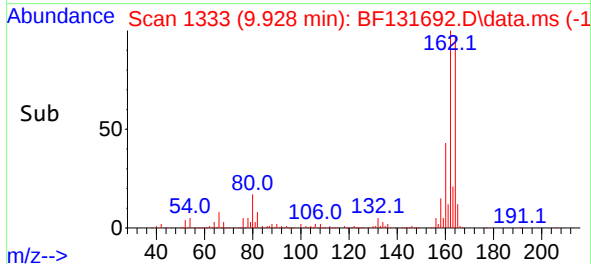
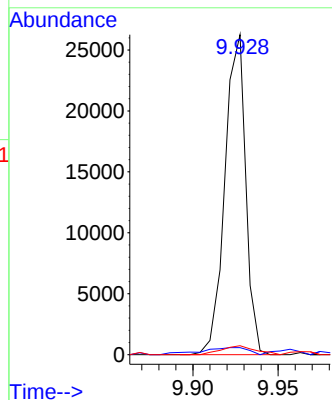
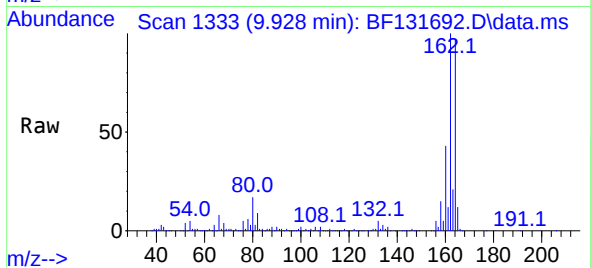




#51
2,6-Dinitrotoluene
Concen: 8.146 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.218 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

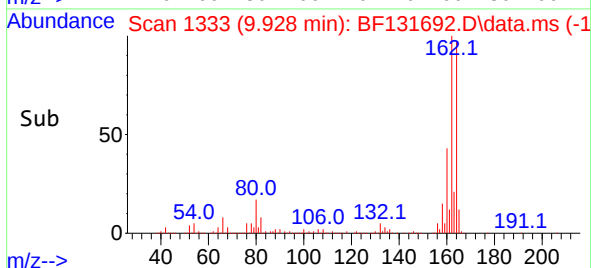
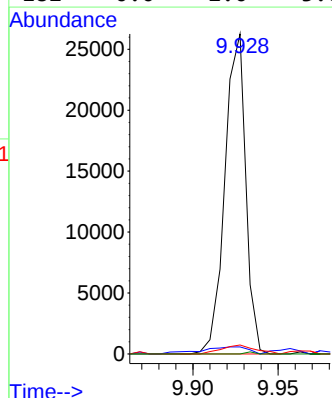
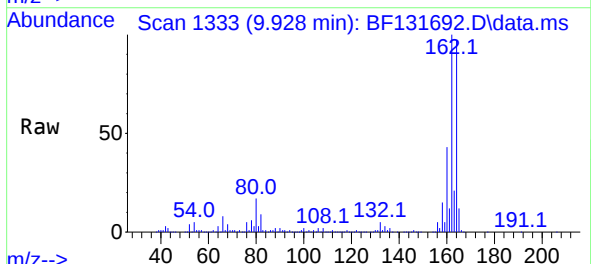
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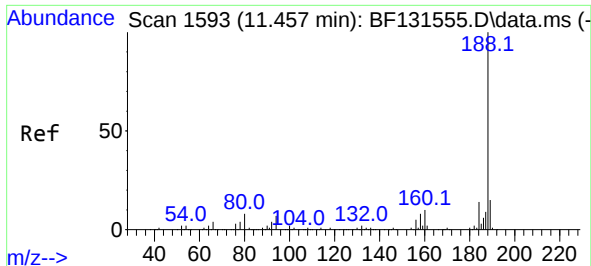
Tgt Ion:165 Resp: 22293
Ion Ratio Lower Upper
165 100
63 2.2 67.9 101.9#
89 2.8 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.141 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.188 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

Tgt Ion:165 Resp: 22293
Ion Ratio Lower Upper
165 100
63 2.2 44.4 66.6#
89 2.8 69.6 104.4#
182 0.0 2.0 3.0#

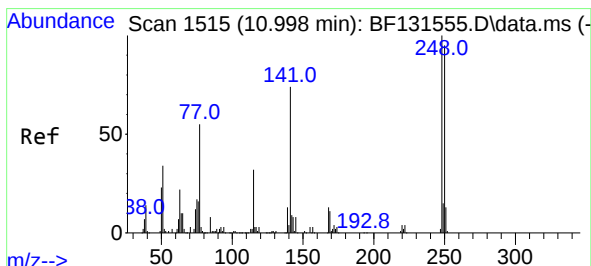
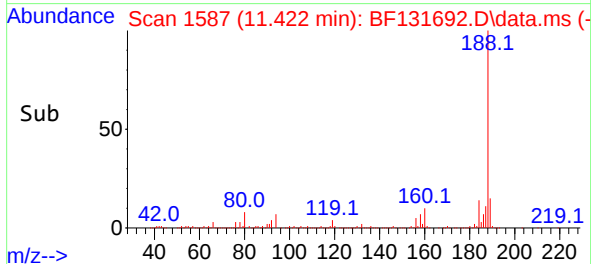
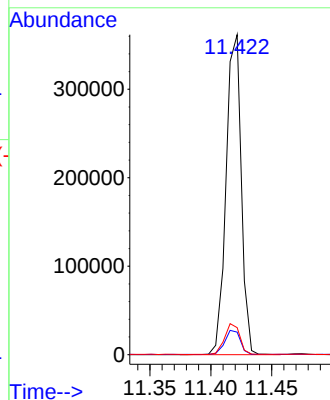
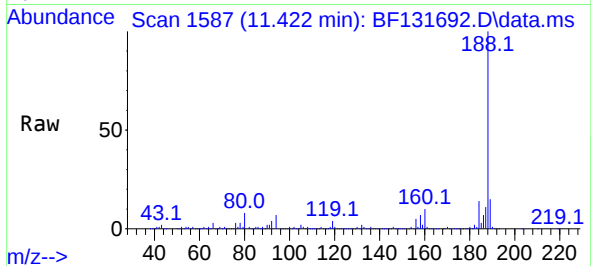




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

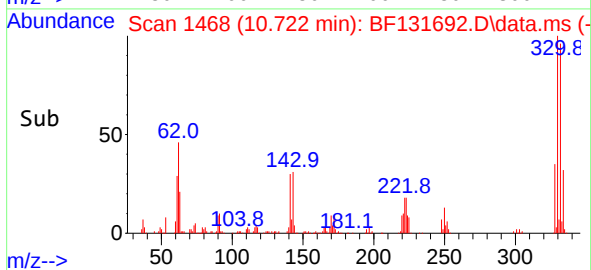
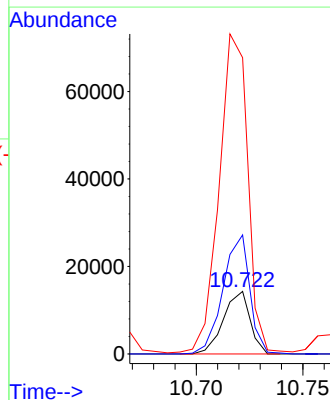
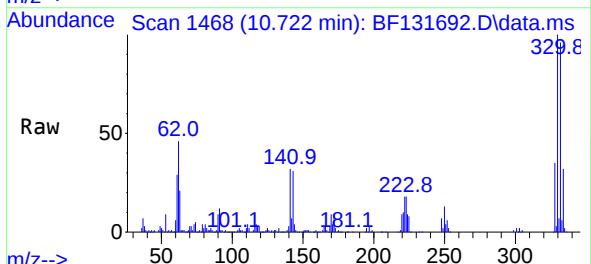
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20221214

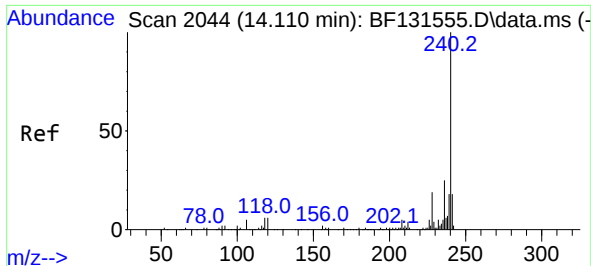
Tgt Ion:188 Resp: 314787
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 8.4 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.058 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

Tgt Ion:248 Resp: 12385
Ion Ratio Lower Upper
248 100
250 190.3 76.2 114.2#
141 473.9 59.5 89.3#

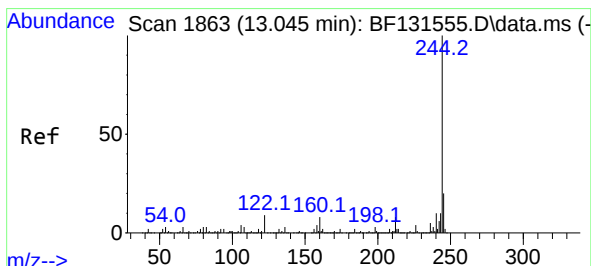
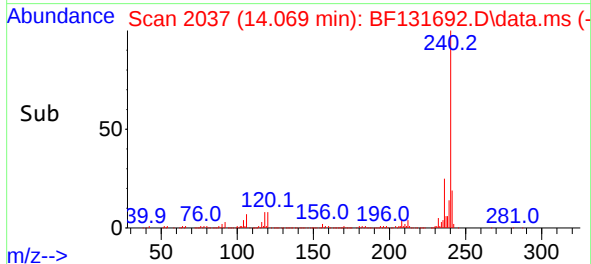
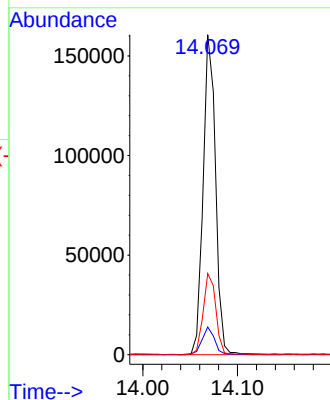
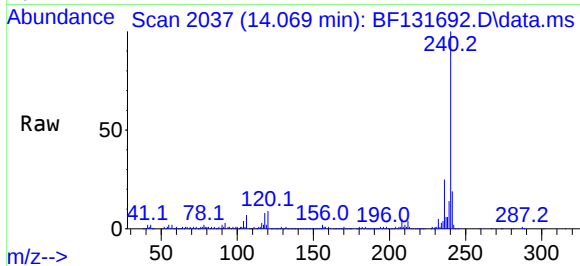




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

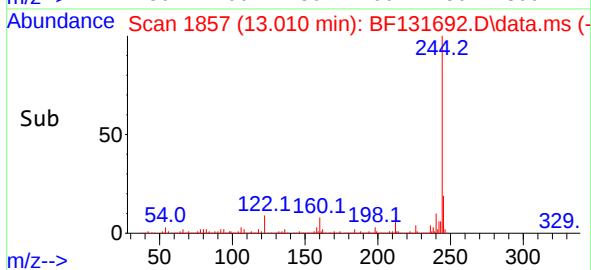
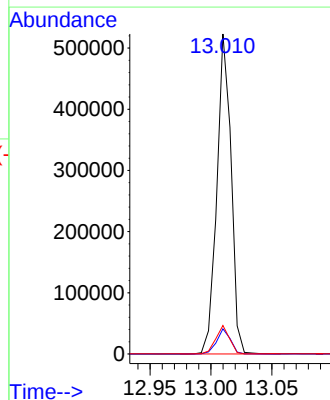
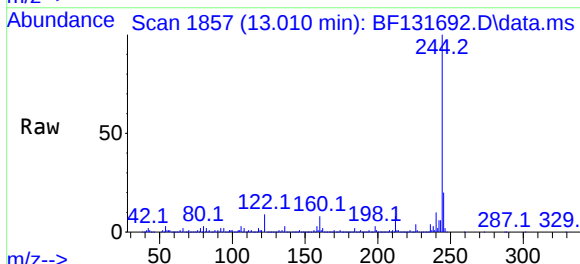
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20221214

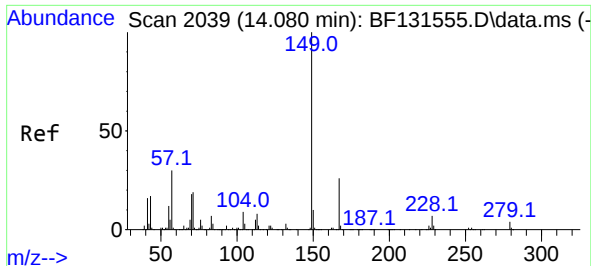
Tgt Ion:240 Resp: 145977
Ion Ratio Lower Upper
240 100
120 8.6 4.6 7.0#
236 25.4 20.2 30.2



#79
Terphenyl-d14
Concen: 39.960 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

Tgt Ion:244 Resp: 425352
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 8.9 7.1 10.7

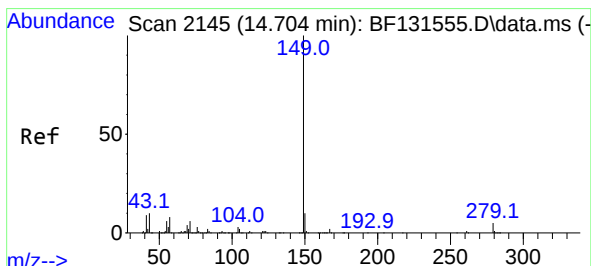
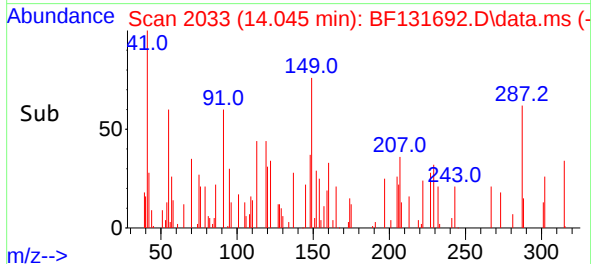
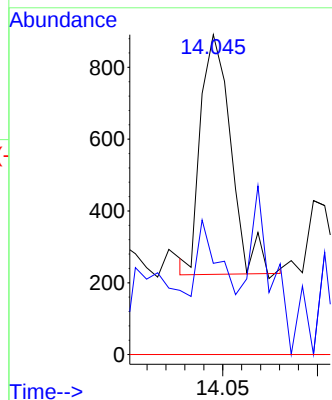
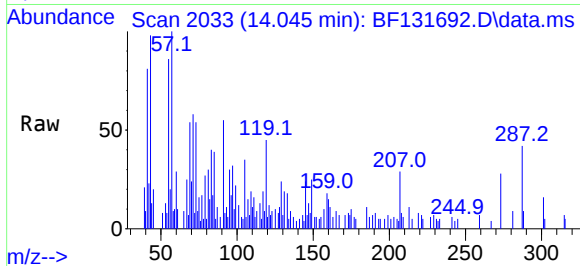




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.154 ng
RT: 14.045 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

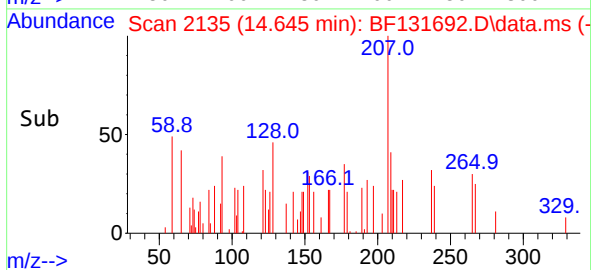
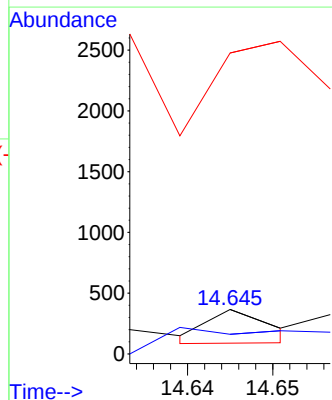
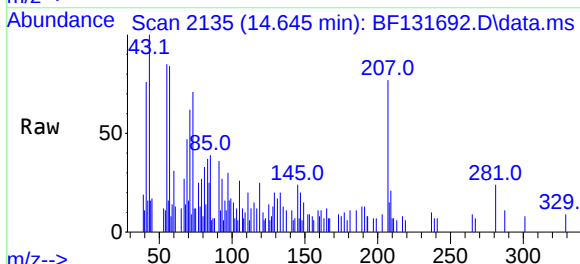
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20221214

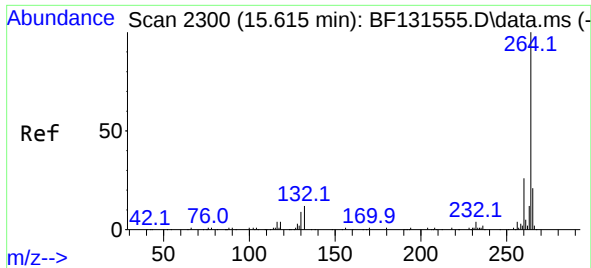
Tgt Ion:149 Resp: 736
Ion Ratio Lower Upper
149 100
167 28.5 20.8 31.2
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.233 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.023 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

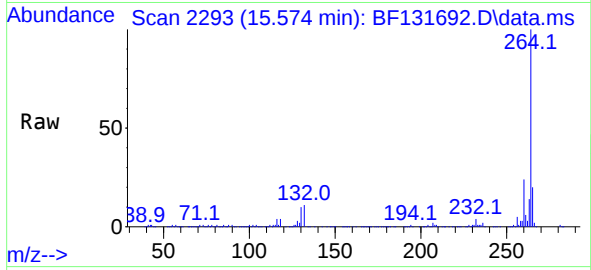
Tgt Ion:149 Resp: 142
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 537.3 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131692.D
Acq: 19 Dec 2022 16:56

Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20221214



Tgt Ion:264 Resp: 167089
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 20.4 16.8 25.2

