

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131639.D
 Acq On : 15 Dec 2022 00:49
 Operator : CG\JU
 Sample : N5993-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-B1-V1

Quant Time: Dec 15 01:56:56 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)

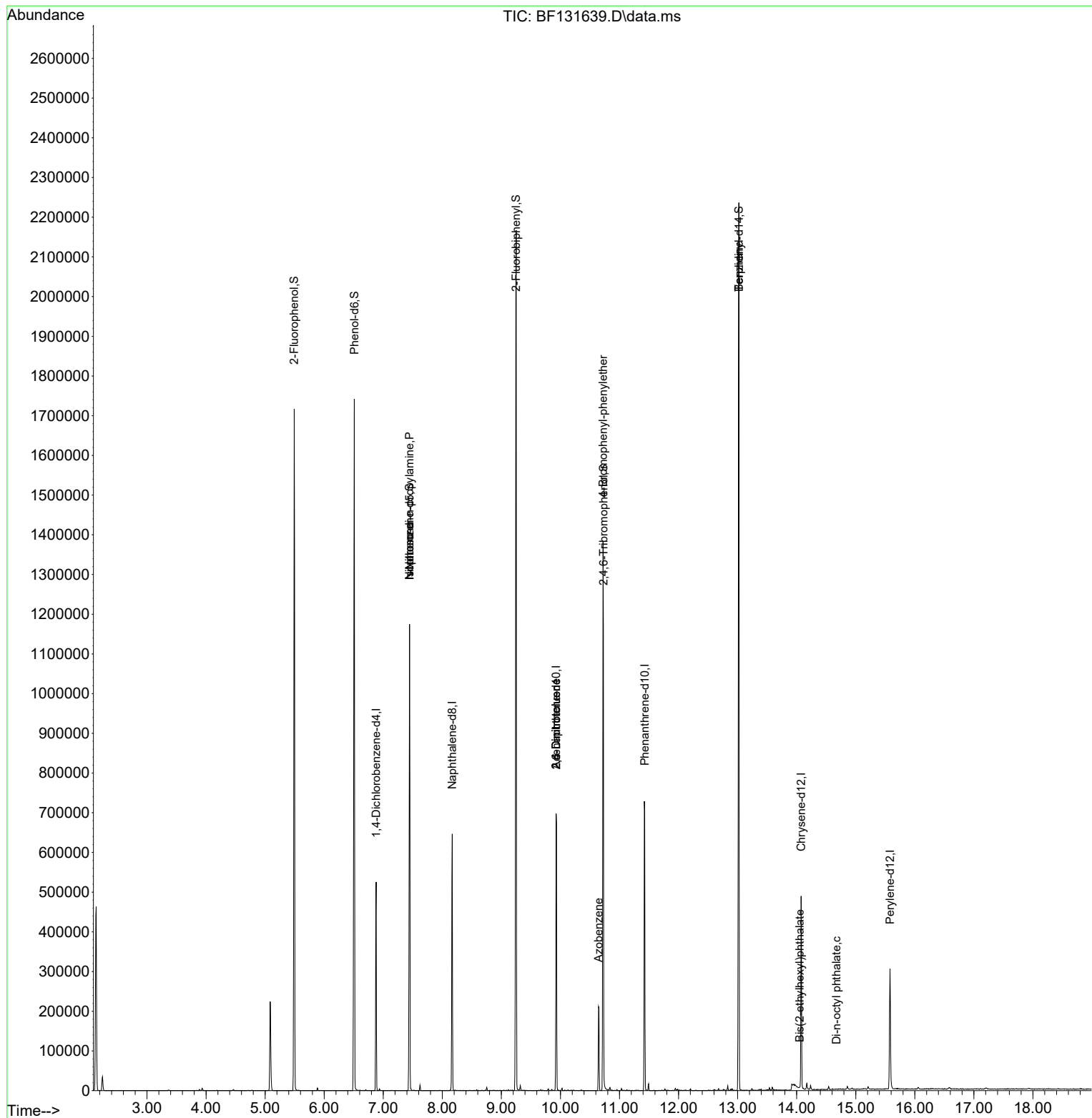
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69867	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	251639	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	143752	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	273061	20.000	ng	0.00
76) Chrysene-d12	14.074	240	149904	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	140116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	425224	101.535	ng	0.00
7) Phenol-d6	6.510	99	550866	100.376	ng	-0.01
23) Nitrobenzene-d5	7.445	82	382469	57.463	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	149153	93.388	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	674534	59.165	ng	0.00
79) Terphenyl-d14	13.021	244	741094	67.799	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	54074	13.140	ng	# 77
25) Isophorone	7.445	82	382463	35.674	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	18444	8.153	ng	# 10
57) 2,4-Dinitrotoluene	9.928	165	18444	6.146	ng	# 16
63) Azobenzene	10.645	77	41468	3.457	ng	# 7
67) 4-Bromophenyl-phenylether	10.722	248	10347	2.946	ng	# 1
77) Benzidine	13.021	184	11589	2.885	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.051	149	909	3.178	ng	# 84
85) Di-n-octyl phthalate	14.674	149	173	5.235	ng	# 74

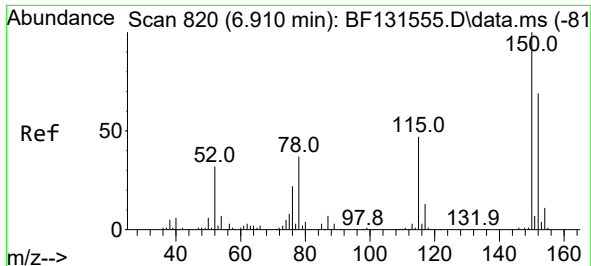
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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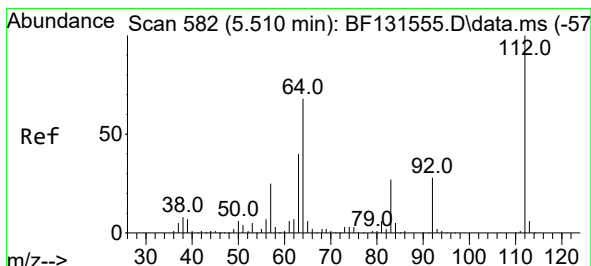
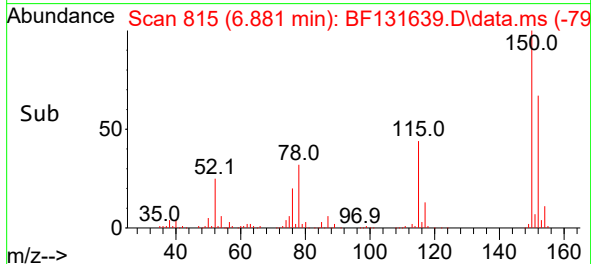
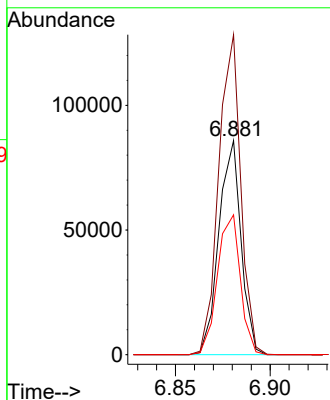
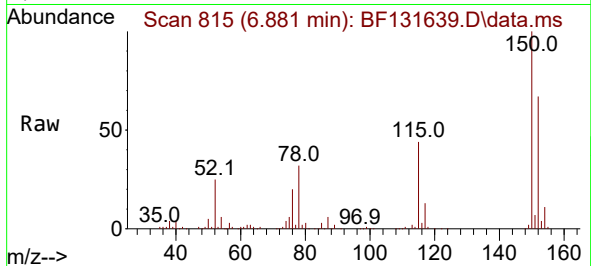




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

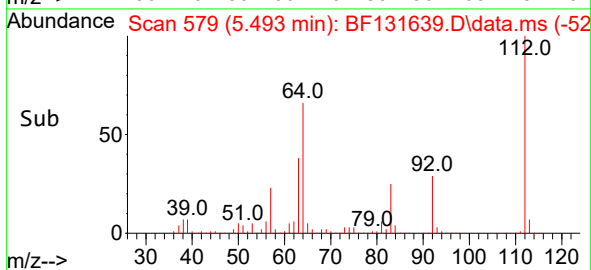
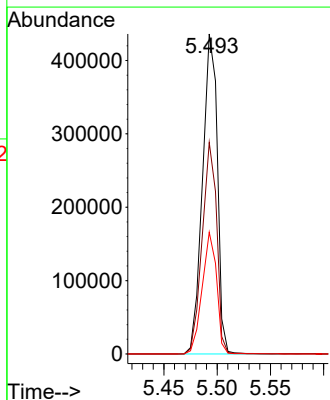
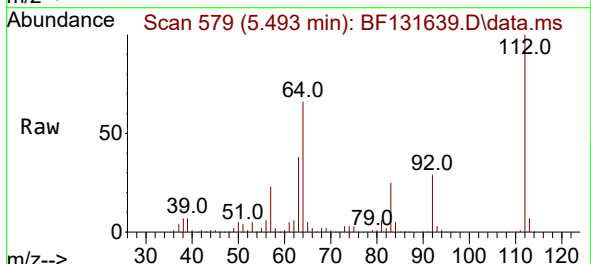
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

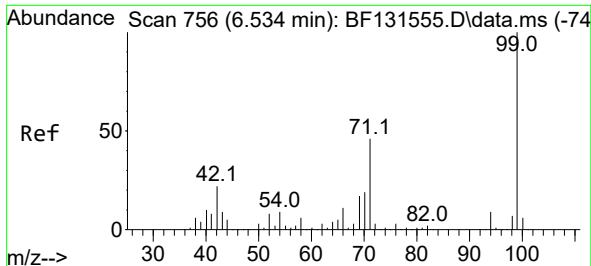
Tgt Ion:152 Resp: 69867
Ion Ratio Lower Upper
152 100
150 149.5 116.7 175.1
115 65.3 54.6 82.0



#5
2-Fluorophenol
Concen: 101.535 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion:112 Resp: 425224
Ion Ratio Lower Upper
112 100
64 66.1 54.5 81.7
63 38.1 31.9 47.9

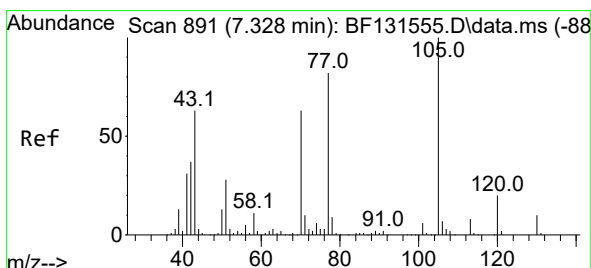
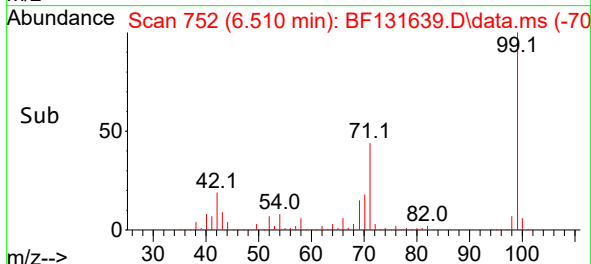
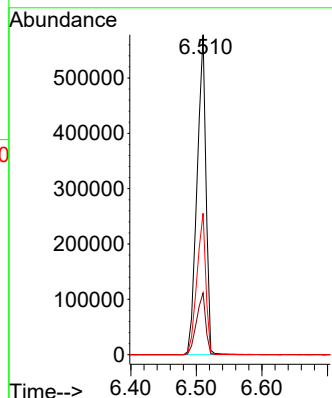
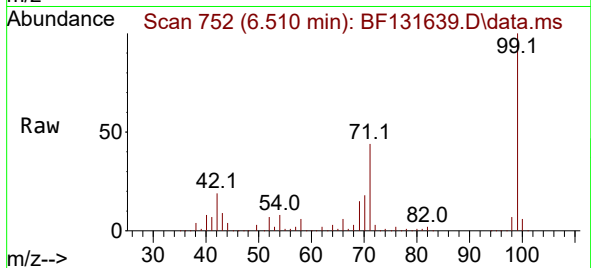




#7
Phenol-d6
Concen: 100.376 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

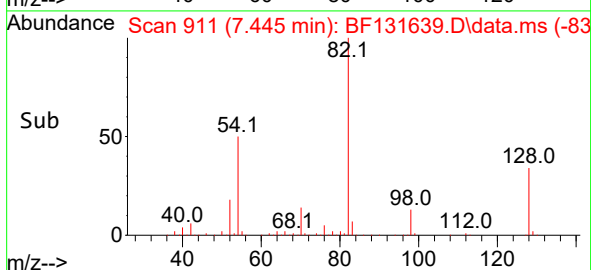
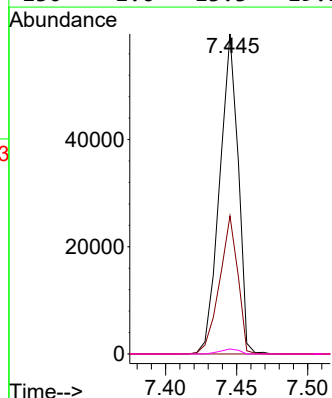
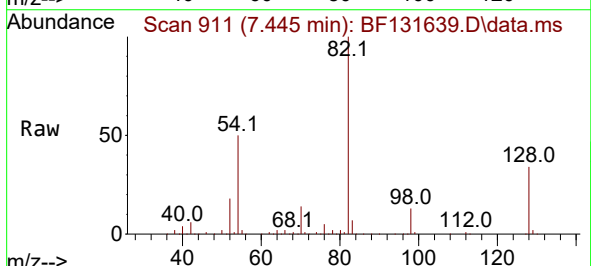
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

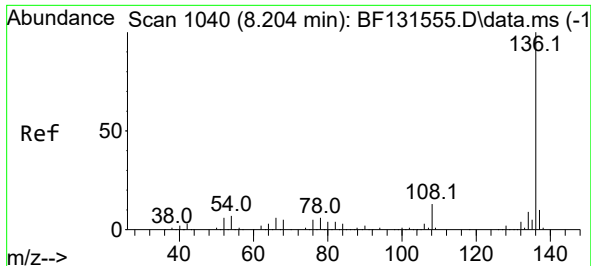
Tgt Ion: 99 Resp: 550866
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 44.2 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.140 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

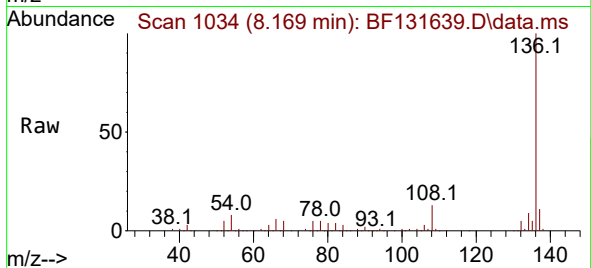
Tgt Ion: 70 Resp: 54074
Ion Ratio Lower Upper
70 100
42 43.1 46.4 69.6#
101 0.0 7.2 10.8#
130 1.6 13.3 19.9#



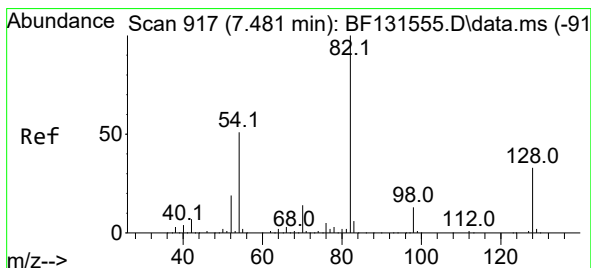
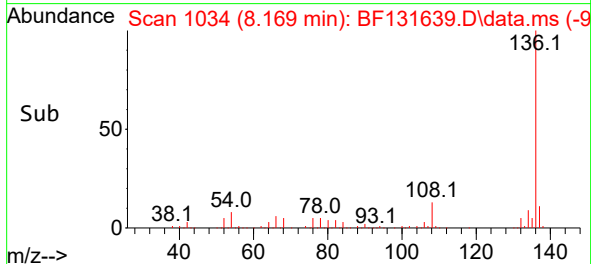
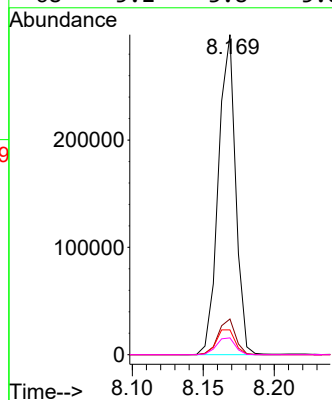


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

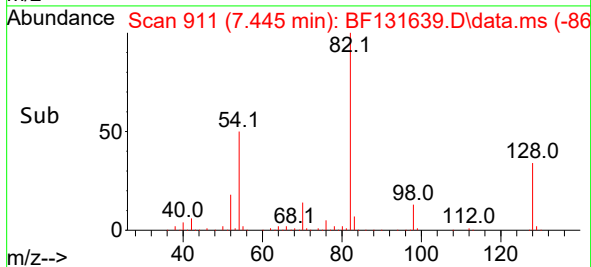
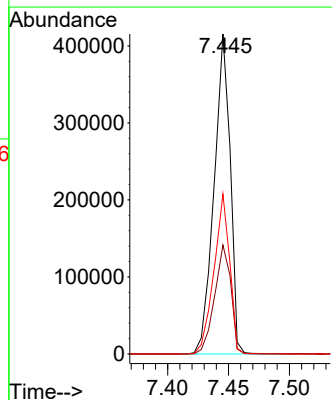
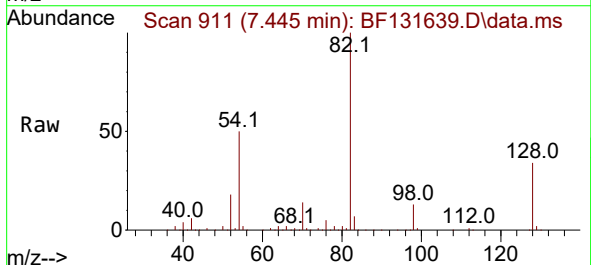


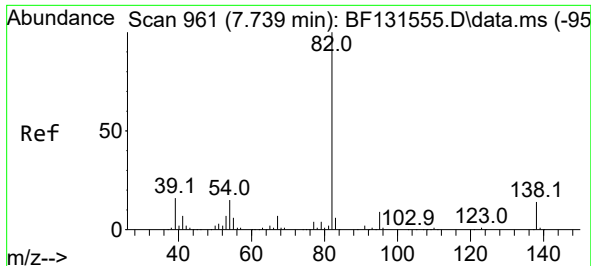
Tgt Ion:136 Resp: 251639
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 7.8 6.0 9.0
68 5.2 3.8 5.8



#23
Nitrobenzene-d5
Concen: 57.463 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion: 82 Resp: 382469
Ion Ratio Lower Upper
82 100
128 34.0 26.1 39.1
54 50.0 40.6 60.8

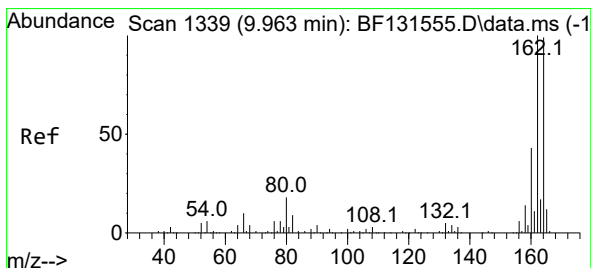
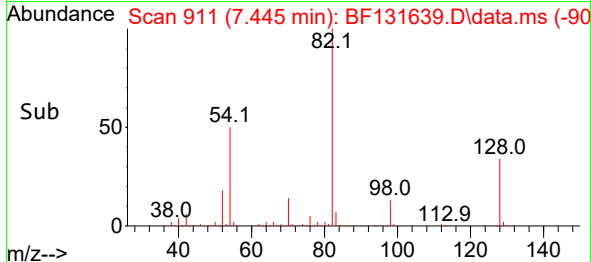
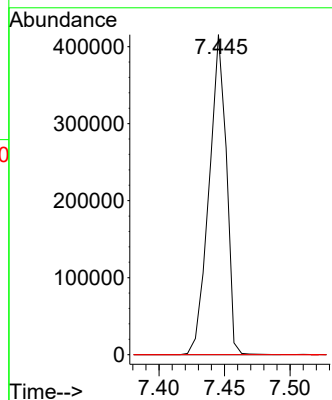
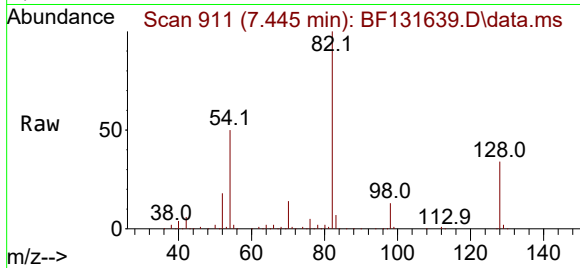




#25
Isophorone
Concen: 35.674 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

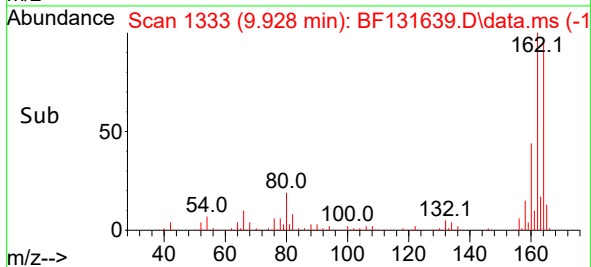
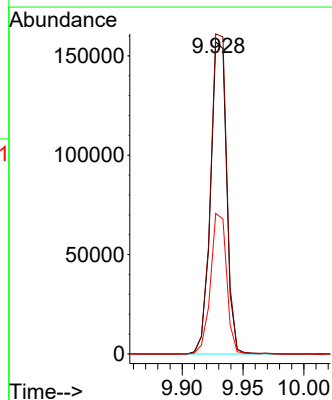
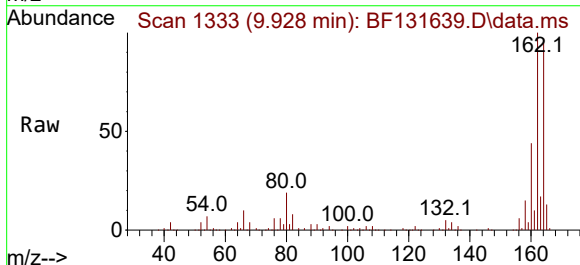
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

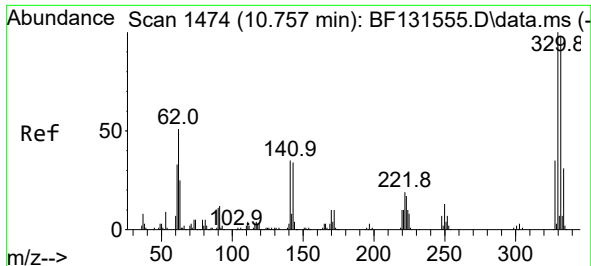
Tgt Ion: 82 Resp: 382463
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion:164 Resp: 143752
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.6
160 45.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 93.388 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131639.D

Acq: 15 Dec 2022 00:49

Instrument :

BNA_F

ClientSampleId :

AOC2-B1-V1

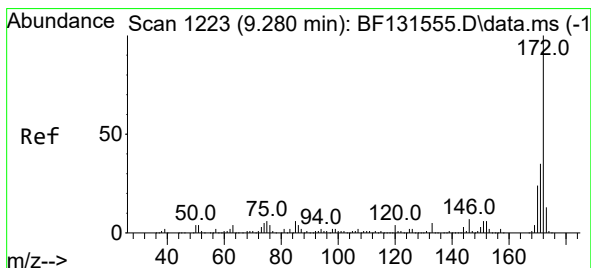
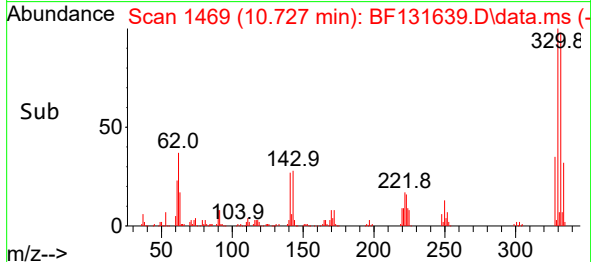
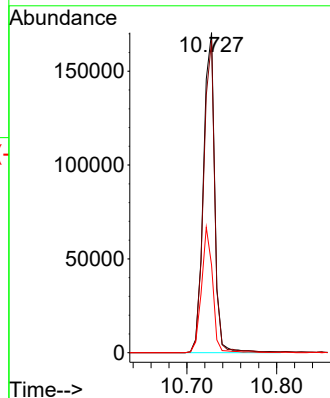
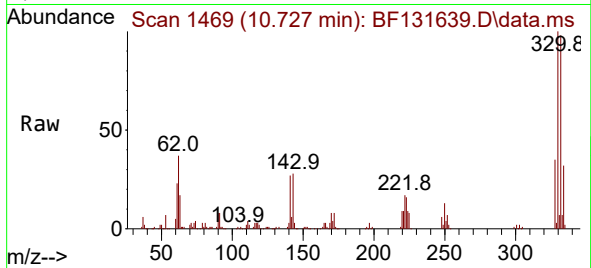
Tgt Ion:330 Resp: 149153

Ion Ratio Lower Upper

330 100

332 96.0 78.3 117.5

141 38.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 59.165 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131639.D

Acq: 15 Dec 2022 00:49

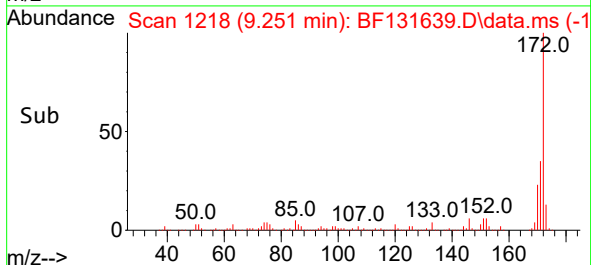
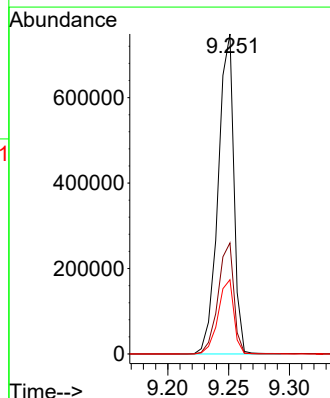
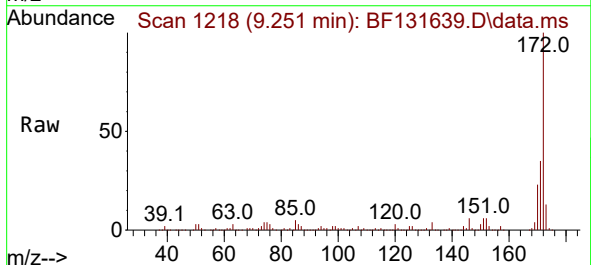
Tgt Ion:172 Resp: 674534

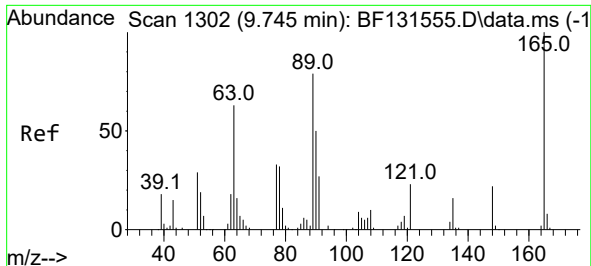
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.2 19.3 28.9

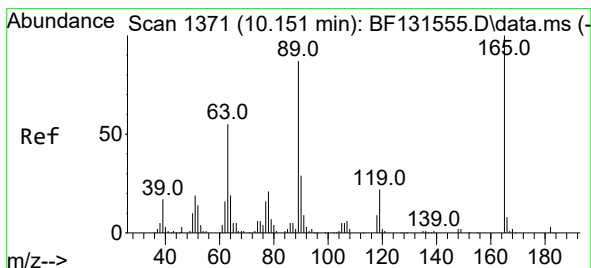
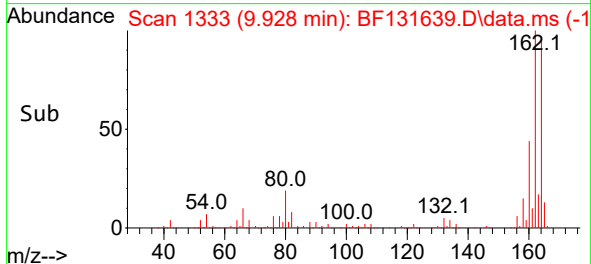
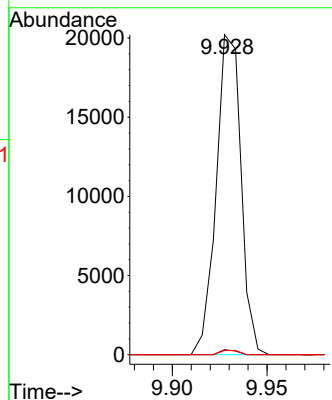
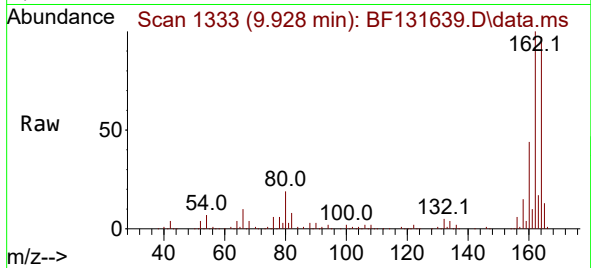




#51
2,6-Dinitrotoluene
Concen: 8.153 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

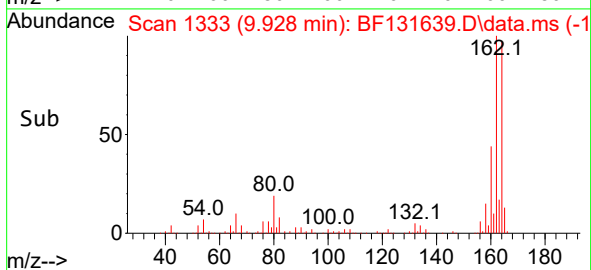
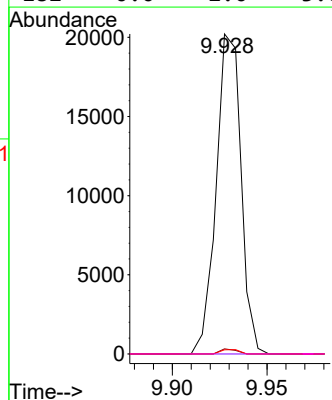
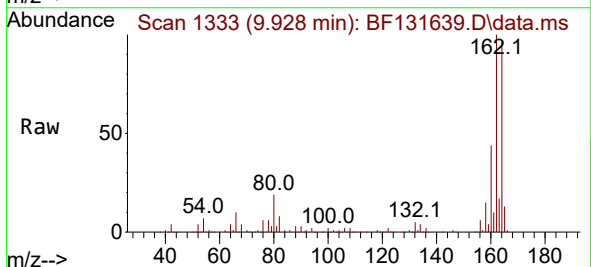
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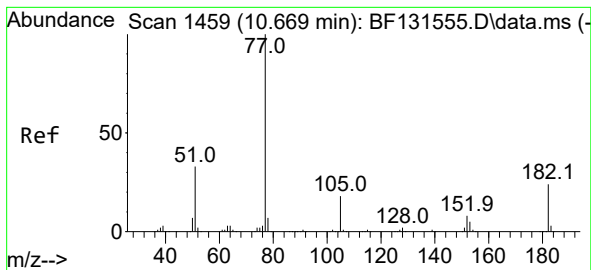
Tgt Ion:165 Resp: 18444
Ion Ratio Lower Upper
165 100
63 1.6 67.9 101.9#
89 1.3 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.146 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion:165 Resp: 18444
Ion Ratio Lower Upper
165 100
63 1.6 44.4 66.6#
89 1.3 69.6 104.4#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.457 ng

RT: 10.645 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF131639.D

Acq: 15 Dec 2022 00:49

Instrument :

BNA_F

ClientSampleId :

AOC2-B1-V1

Tgt Ion: 77 Resp: 41468

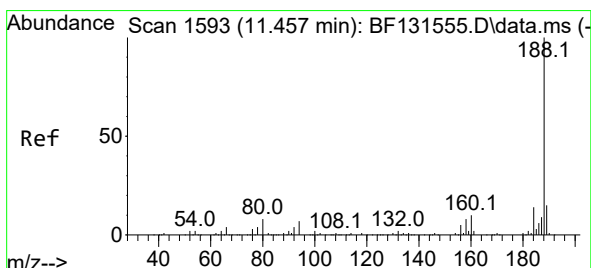
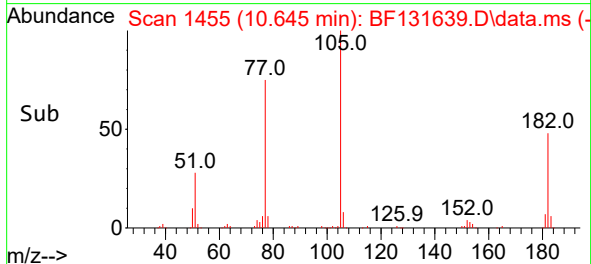
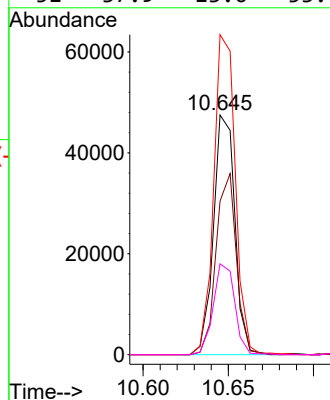
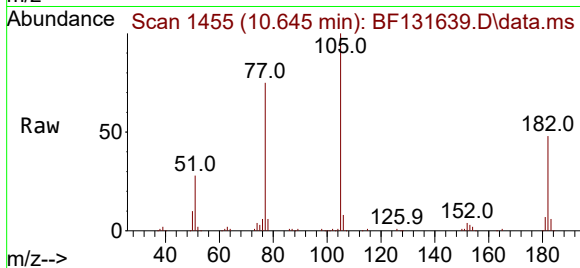
Ion Ratio Lower Upper

77 100

182 64.1 3.9 43.9#

105 133.5 0.0 38.3#

51 37.9 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF131639.D

Acq: 15 Dec 2022 00:49

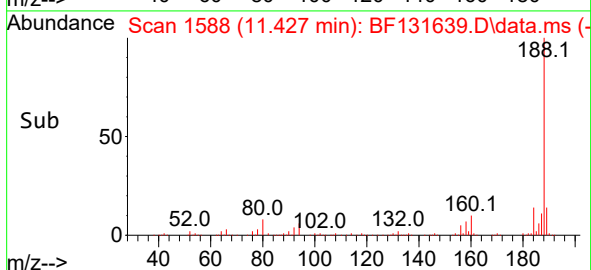
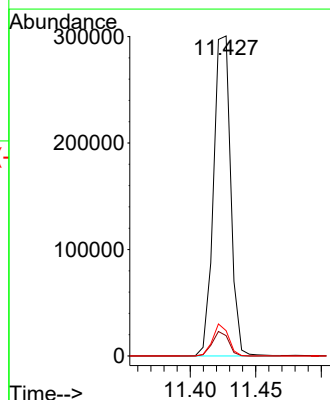
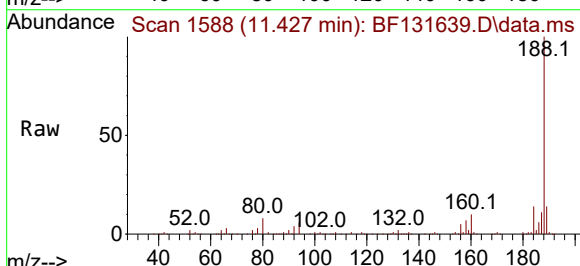
Tgt Ion:188 Resp: 273061

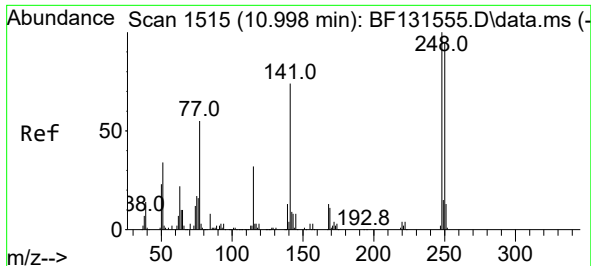
Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

80 7.9 6.6 10.0

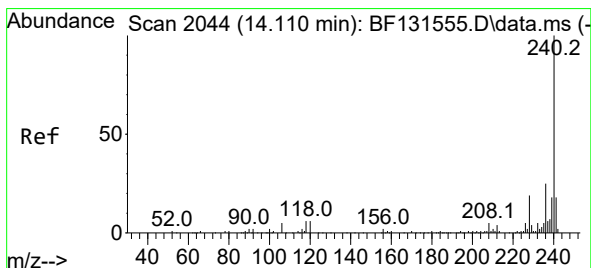
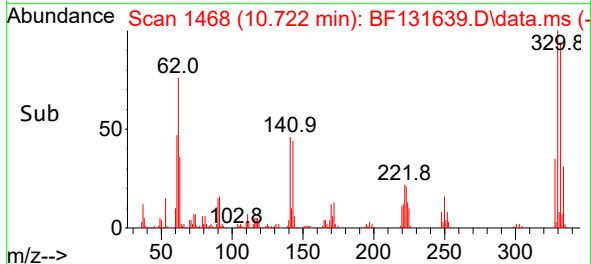
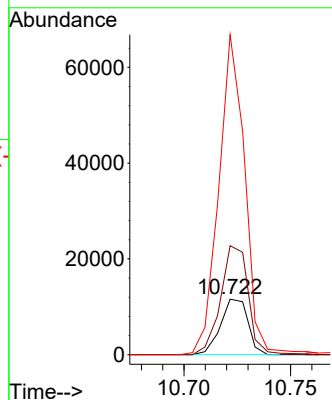
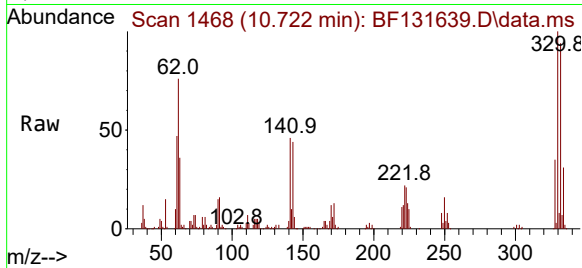




#67
4-Bromophenyl-phenylether
Concen: 2.946 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

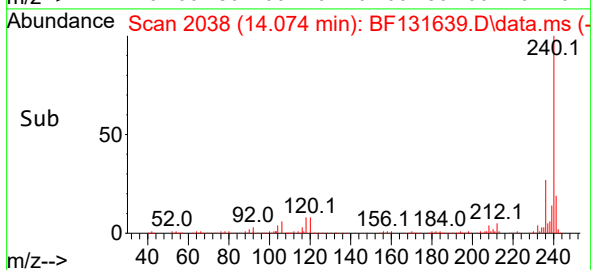
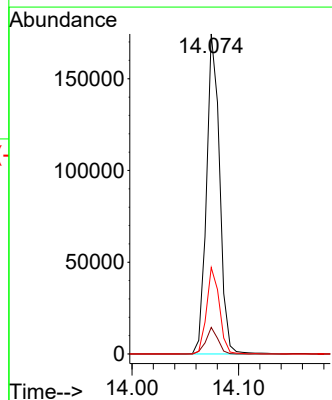
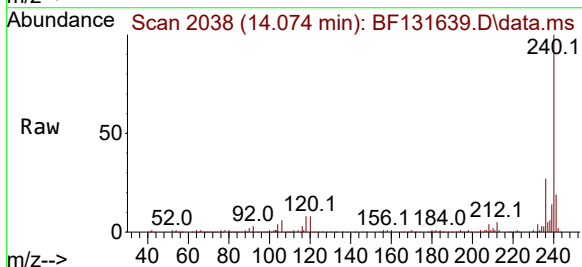
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

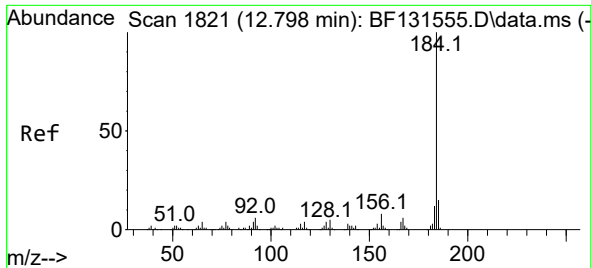
Tgt Ion:248 Resp: 10347
Ion Ratio Lower Upper
248 100
250 196.3 76.2 114.2#
141 576.5 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion:240 Resp: 149904
Ion Ratio Lower Upper
240 100
120 8.3 4.6 7.0#
236 27.0 20.2 30.2

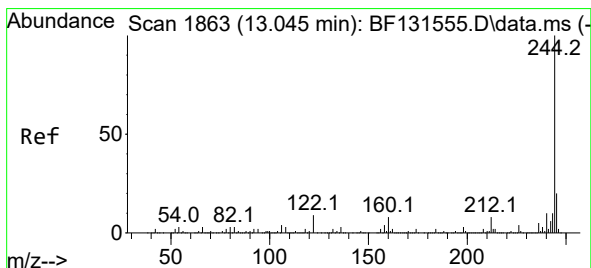
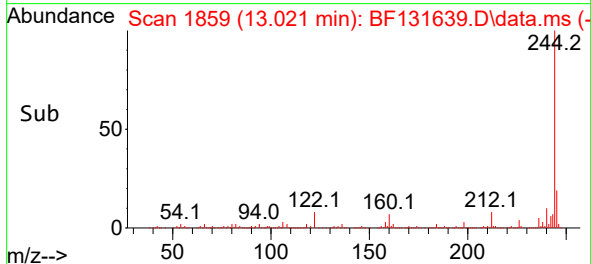
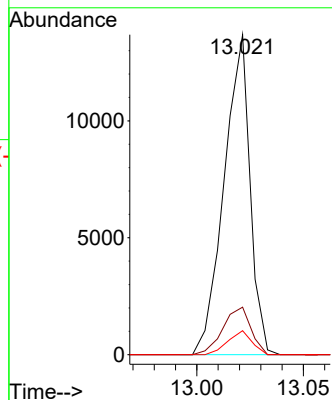
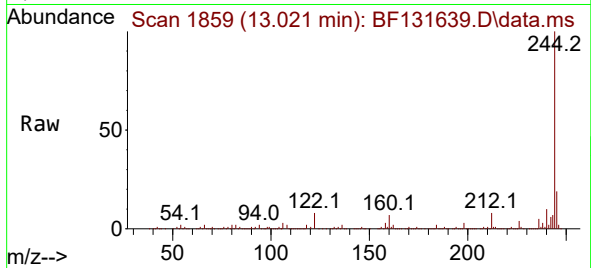




#77
Benzidine
Concen: 2.885 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

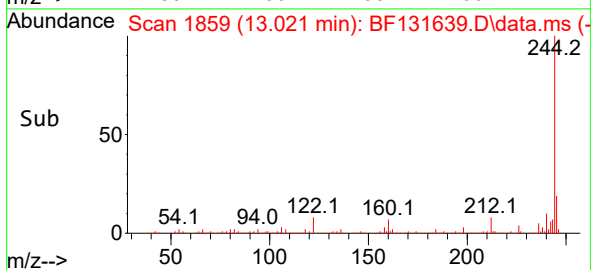
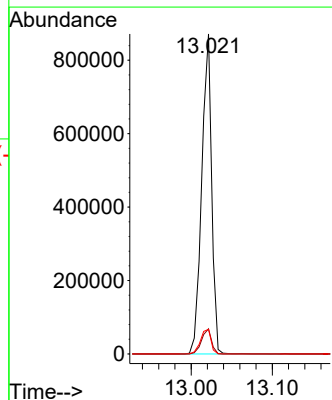
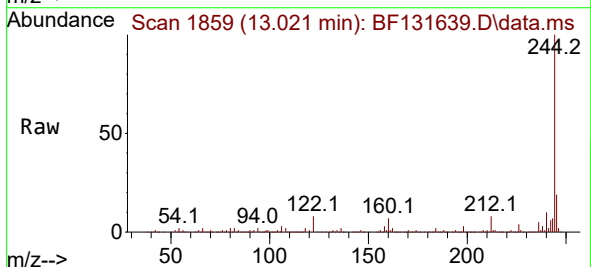
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

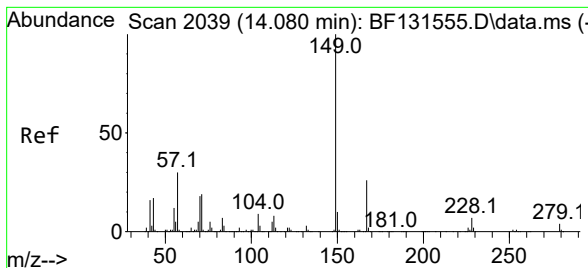
Tgt Ion:184 Resp: 11589
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 7.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 67.799 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion:244 Resp: 741094
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 7.7 7.1 10.7

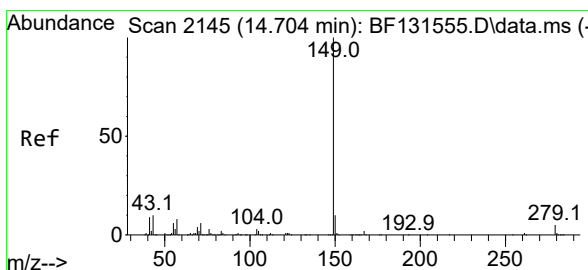
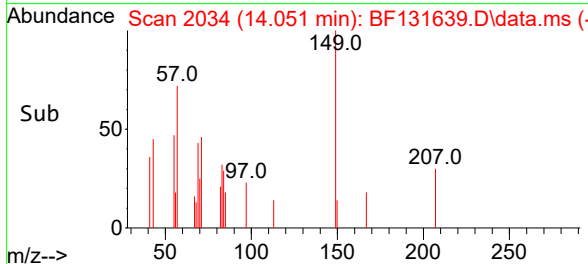
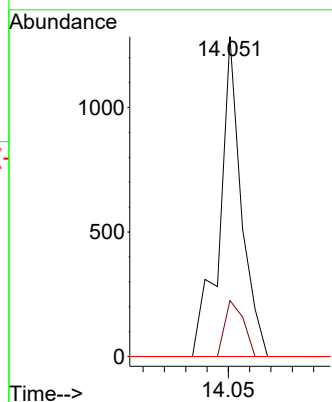
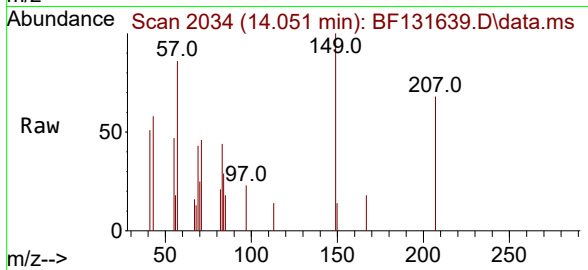




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.178 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

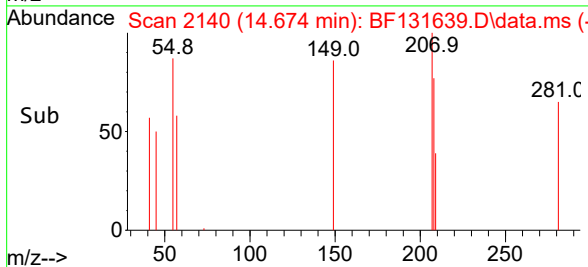
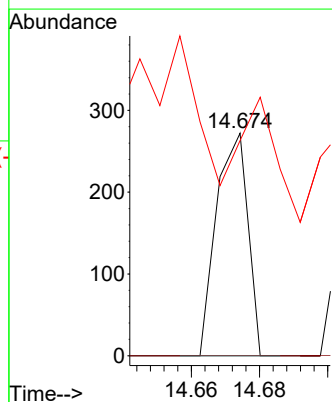
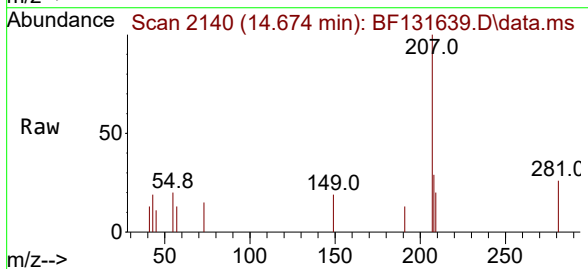
Instrument :
BNA_F
ClientSampleId :
AOC2-B1-V1

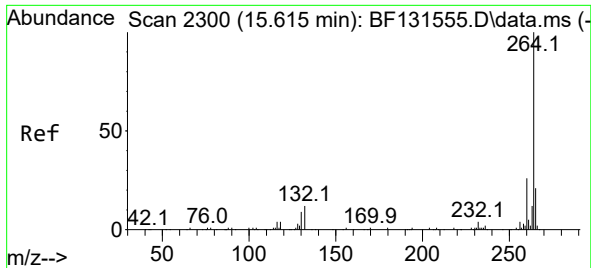
Tgt Ion:149 Resp: 909
Ion Ratio Lower Upper
149 100
167 17.5 20.8 31.2#
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.235 ng
RT: 14.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BF131639.D
Acq: 15 Dec 2022 00:49

Tgt Ion:149 Resp: 173
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: 15.580 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131639.D
 Acq: 15 Dec 2022 00:49

Instrument :
 BNA_F
 ClientSampleId :
 AOC2-B1-V1

Tgt Ion:264 Resp: 140116
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.6 30.8
 265 21.2 16.8 25.2

