

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131638.D
 Acq On : 15 Dec 2022 00:18
 Operator : CG\JU
 Sample : N5993-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-B5-V1

Quant Time: Dec 15 01:56:40 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)

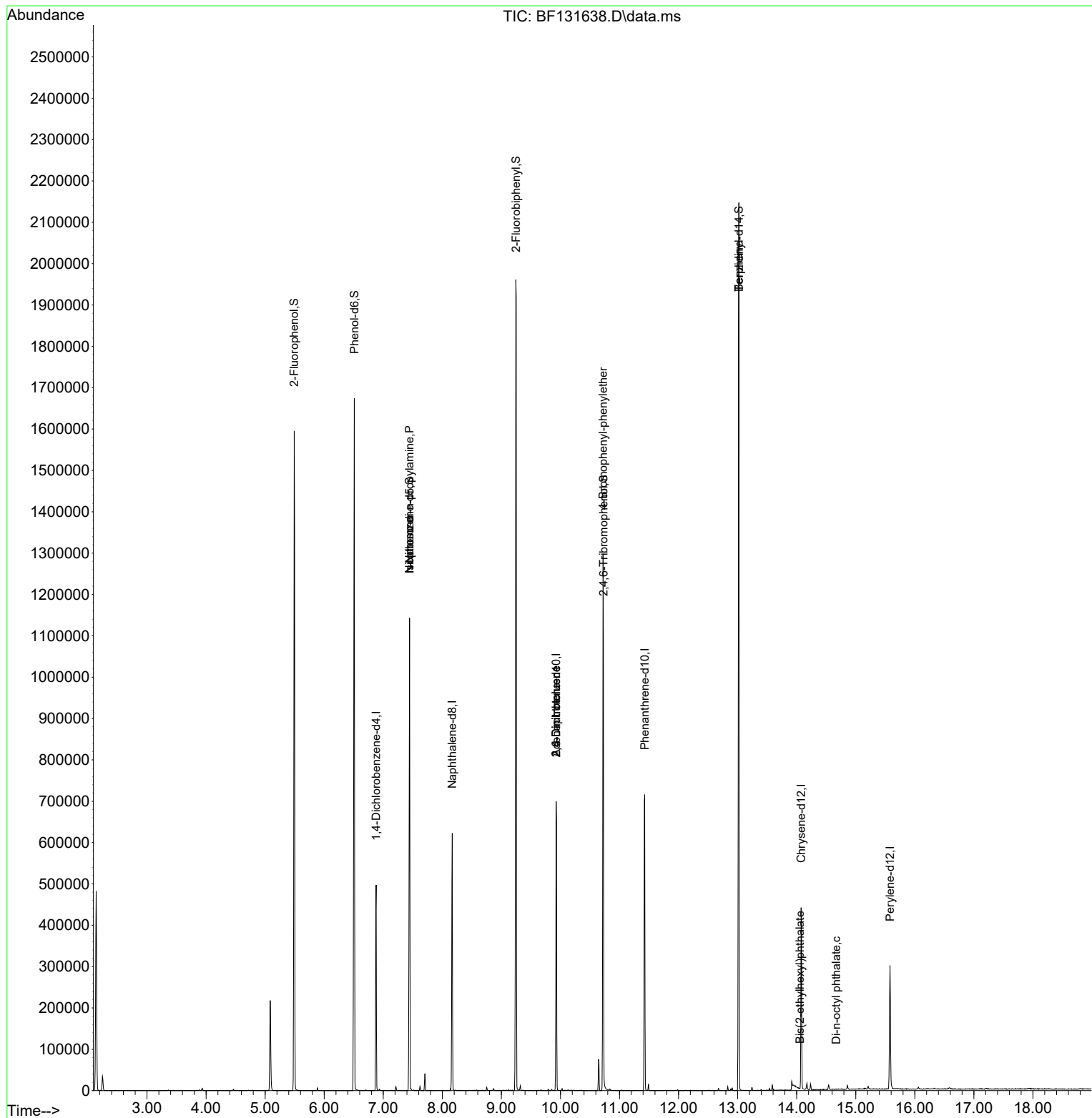
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	67195	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	248109	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	143180	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	270823	20.000	ng	0.00
76) Chrysene-d12	14.074	240	146927	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	137797	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	399639	99.220	ng	0.00
7) Phenol-d6	6.510	99	510801	96.777	ng	-0.01
23) Nitrobenzene-d5	7.445	82	362302	55.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	143905	90.462	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	640362	56.392	ng	0.00
79) Terphenyl-d14	13.021	244	700907	65.422	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	49382	12.477	ng	# 78
25) Isophorone	7.445	82	362296	34.274	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	18728	8.311	ng	# 10
57) 2,4-Dinitrotoluene	9.928	165	18728	6.265	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	9531	2.736	ng	# 1
77) Benzidine	13.021	184	10909	2.771	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.057	149	243	3.072	ng	# 54
85) Di-n-octyl phthalate	14.668	149	148	5.233	ng	# 1

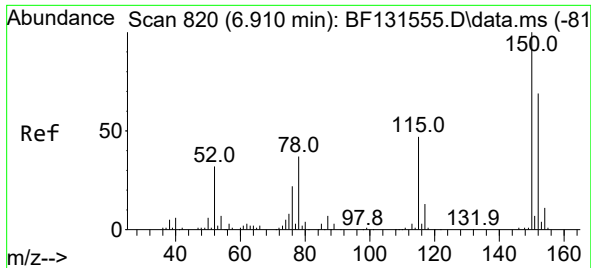
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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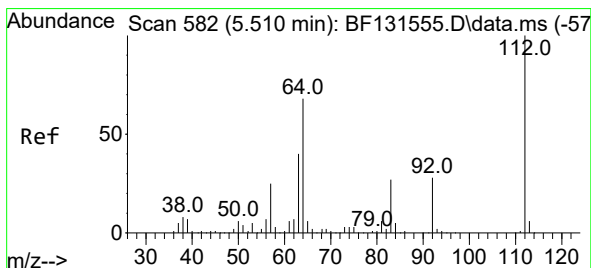
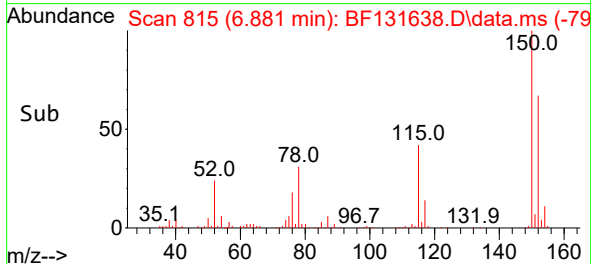
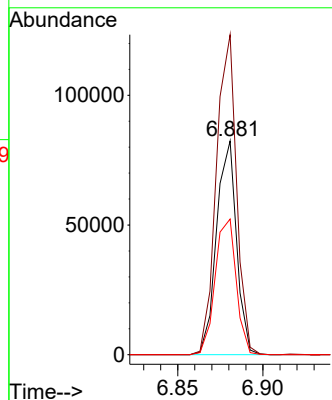
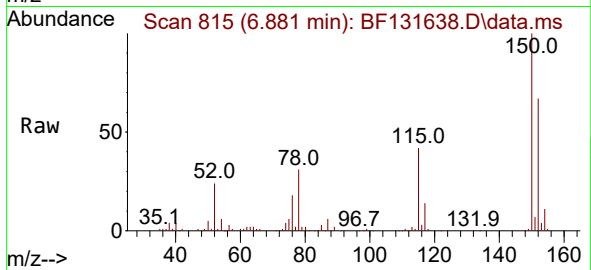




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

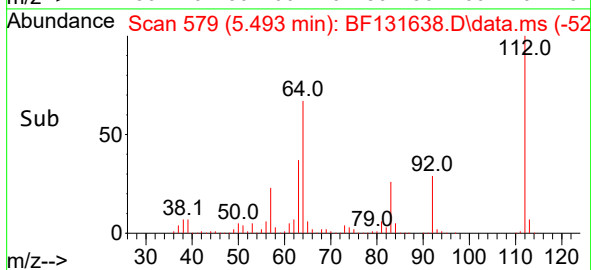
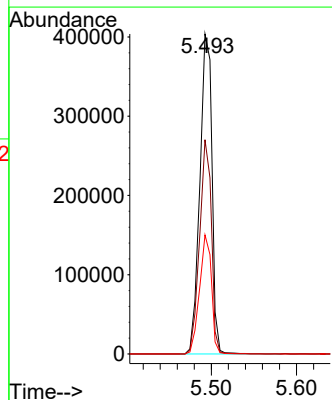
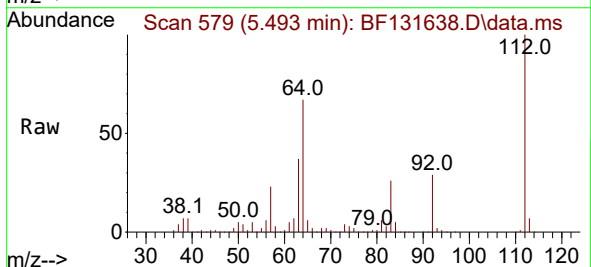
Instrument :
BNA_F
ClientSampleId :
AOC1-B5-V1

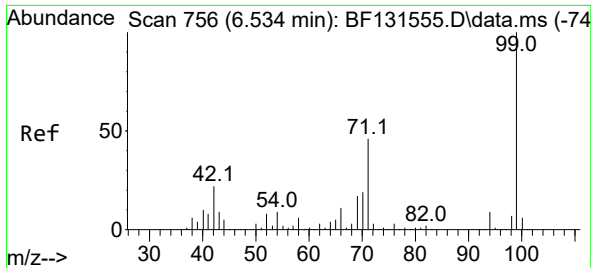
Tgt Ion:152 Resp: 67195
Ion Ratio Lower Upper
152 100
150 149.7 116.7 175.1
115 63.5 54.6 82.0



#5
2-Fluorophenol
Concen: 99.220 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion:112 Resp: 399639
Ion Ratio Lower Upper
112 100
64 66.9 54.5 81.7
63 37.2 31.9 47.9

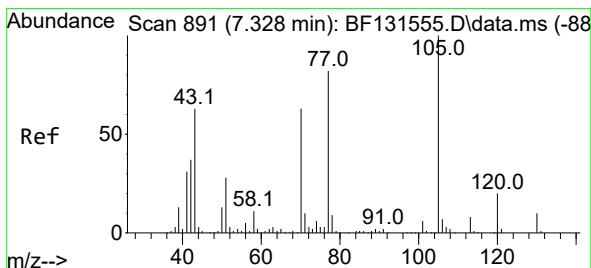
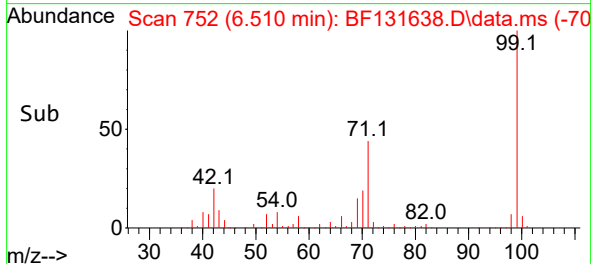
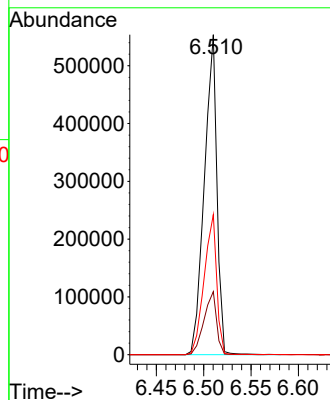
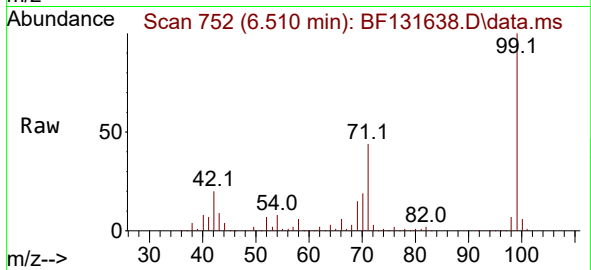




#7
Phenol-d6
Concen: 96.777 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

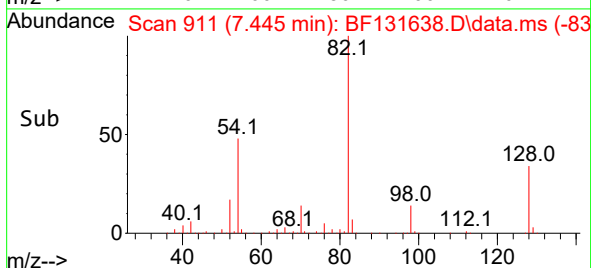
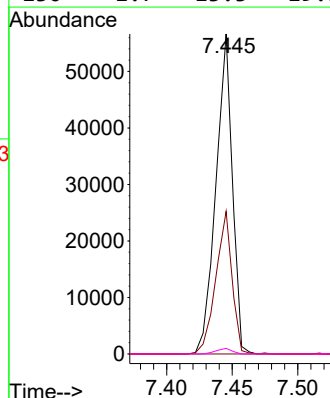
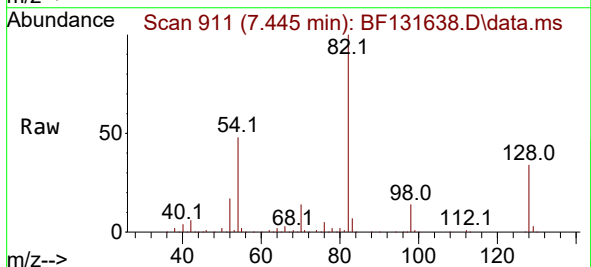
Instrument :
BNA_F
ClientSampleId :
AOC1-B5-V1

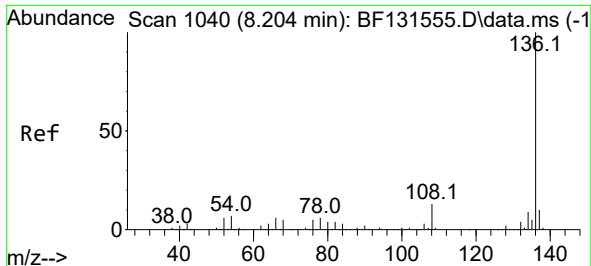
Tgt Ion: 99 Resp: 510801
Ion Ratio Lower Upper
99 100
42 19.7 17.9 26.9
71 43.7 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.477 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion: 70 Resp: 49382
Ion Ratio Lower Upper
70 100
42 44.5 46.4 69.6#
101 0.0 7.2 10.8#
130 1.7 13.3 19.9#

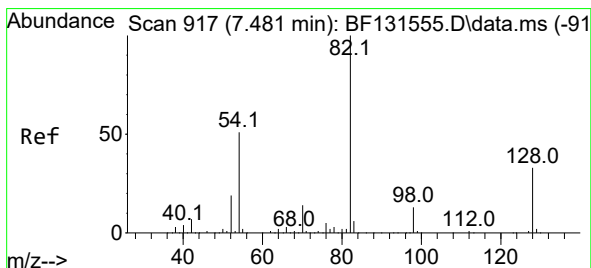
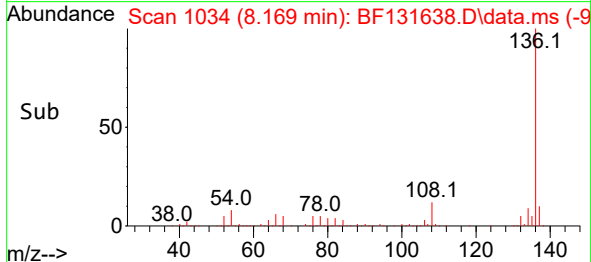
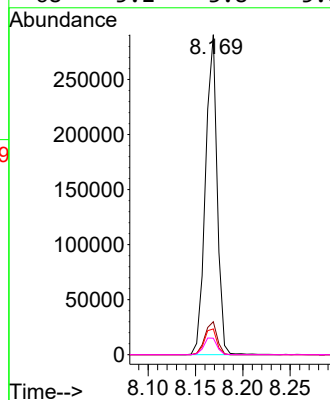
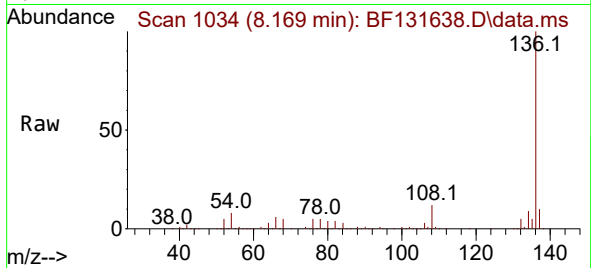




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

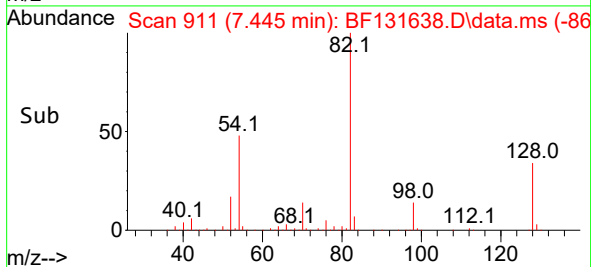
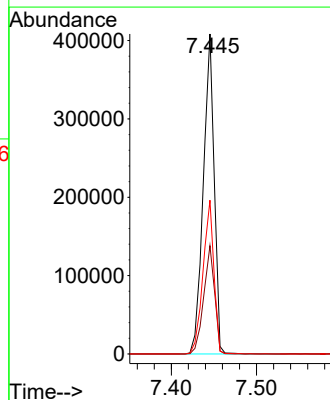
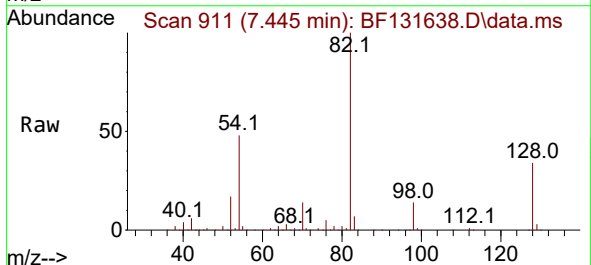
Instrument :
BNA_F
ClientSampleId :
AOC1-B5-V1

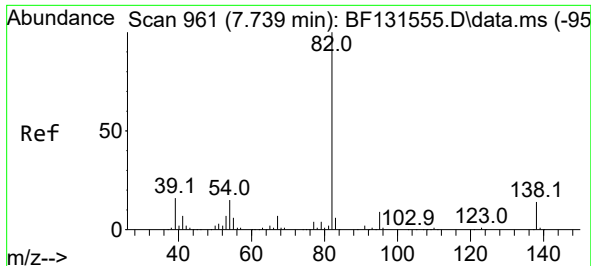
Tgt Ion:136 Resp: 248109
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 8.0 6.0 9.0
68 5.2 3.8 5.8



#23
Nitrobenzene-d5
Concen: 55.207 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion: 82 Resp: 362302
Ion Ratio Lower Upper
82 100
128 33.8 26.1 39.1
54 48.0 40.6 60.8

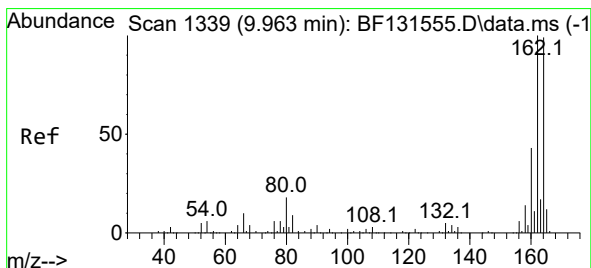
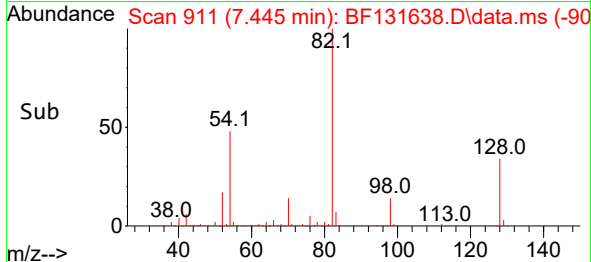
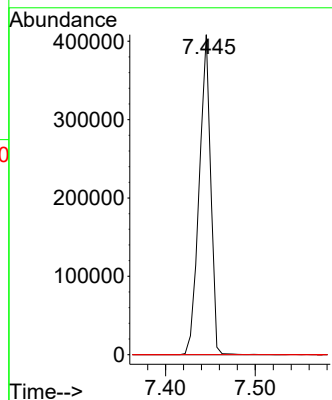
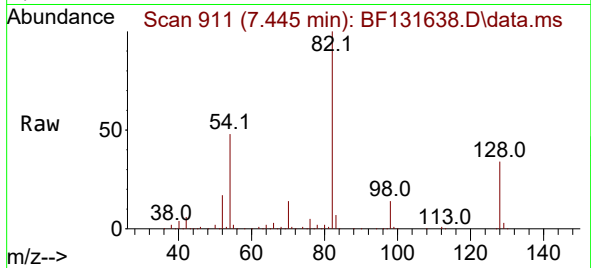




#25
Isophorone
Concen: 34.274 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

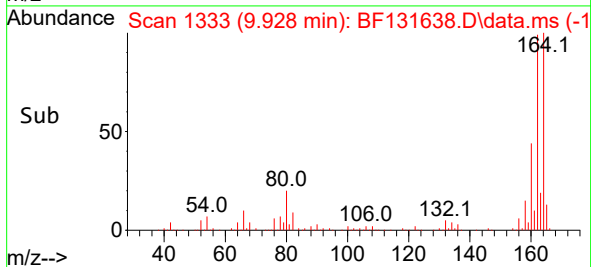
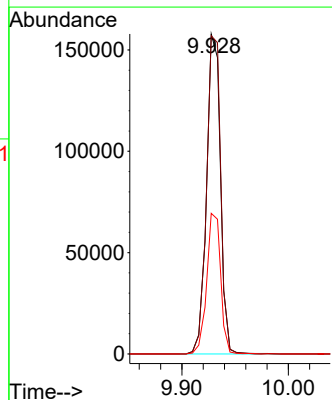
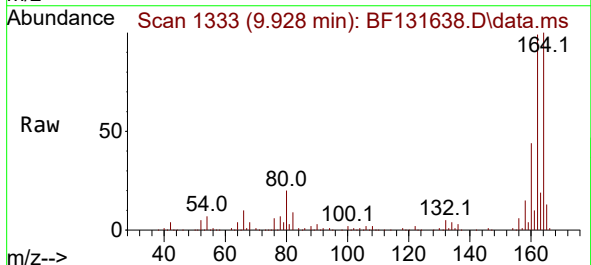
Instrument :
BNA_F
ClientSampleId :
AOC1-B5-V1

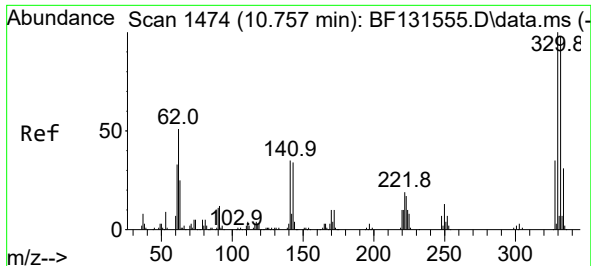
Tgt Ion: 82 Resp: 362296
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion:164 Resp: 143180
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.6
160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 90.462 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131638.D

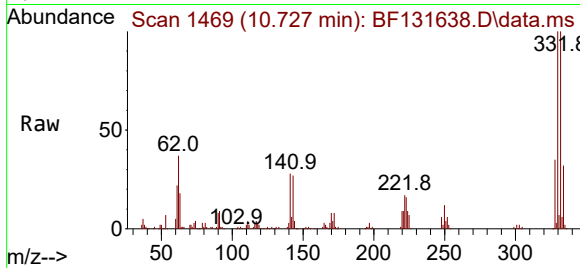
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Instrument :

BNA_F

ClientSampleId :

AOC1-B5-V1



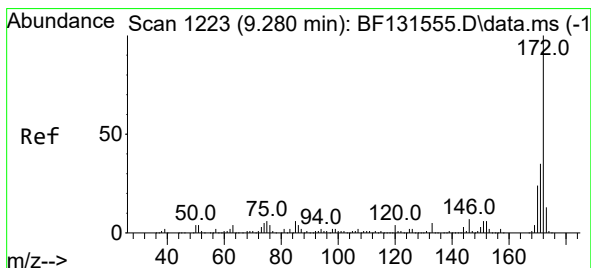
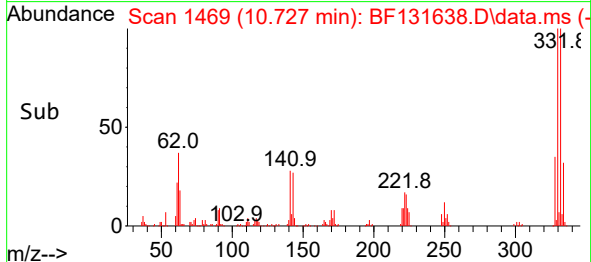
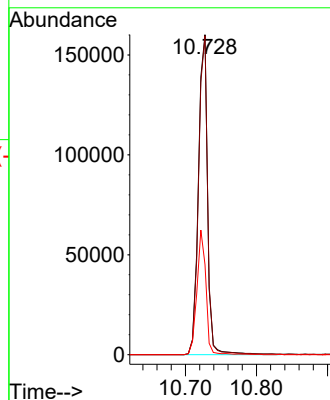
Tgt Ion:330 Resp: 143905

Ion Ratio Lower Upper

330 100

332 98.3 78.3 117.5

141 38.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 56.392 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131638.D

Acq: 15 Dec 2022 00:18

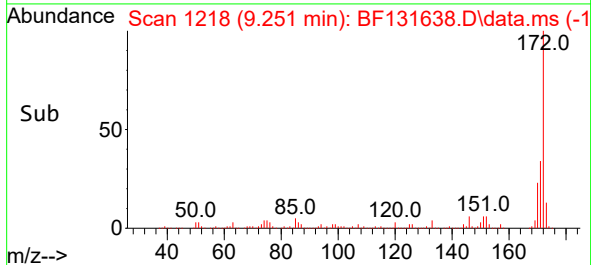
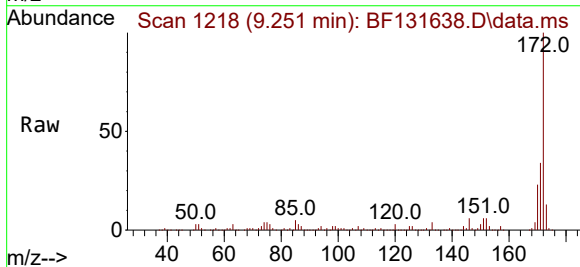
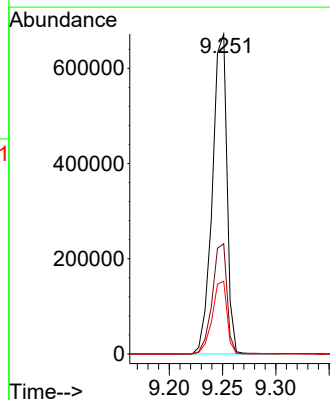
Tgt Ion:172 Resp: 640362

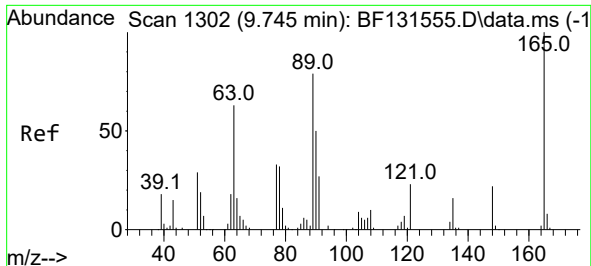
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.8 19.3 28.9

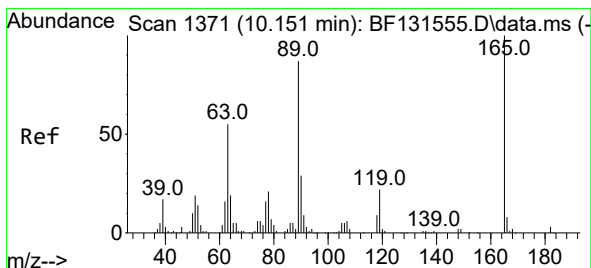
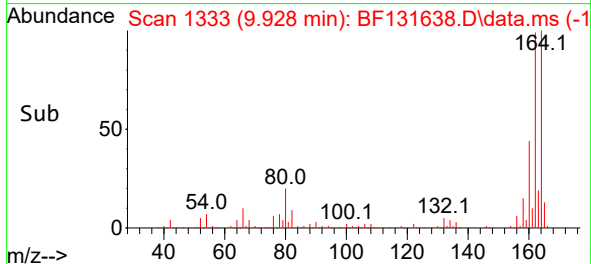
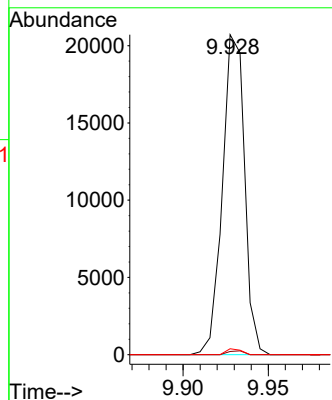
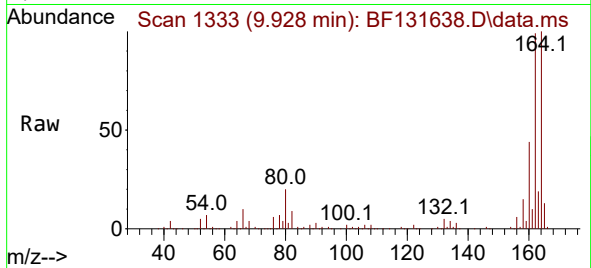




#51
2,6-Dinitrotoluene
Concen: 8.311 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

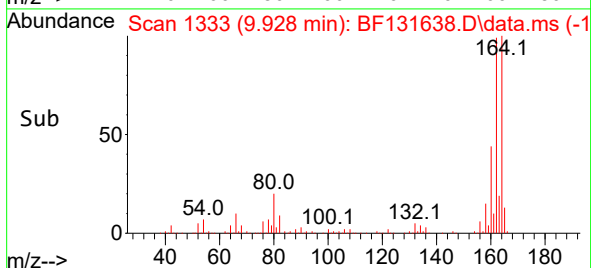
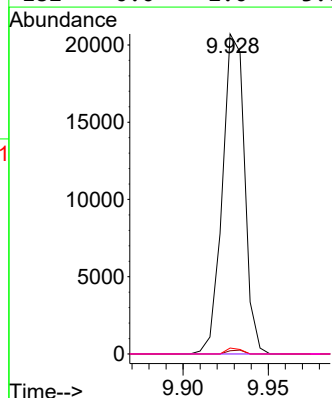
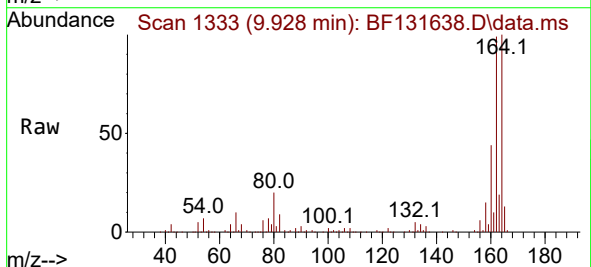
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AOC1-B5-V1

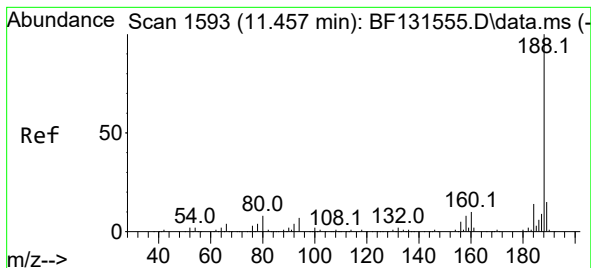
Tgt Ion:165 Resp: 18728
Ion Ratio Lower Upper
165 100
63 1.0 67.9 101.9#
89 1.8 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.265 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion:165 Resp: 18728
Ion Ratio Lower Upper
165 100
63 1.0 44.4 66.6#
89 1.8 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: BF131638.D

Acq: 15 Dec 2022 00:18

Instrument :

BNA_F

ClientSampleId :

AOC1-B5-V1

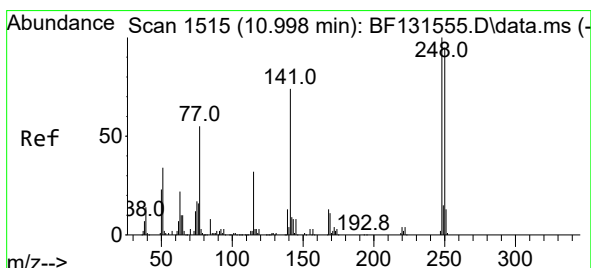
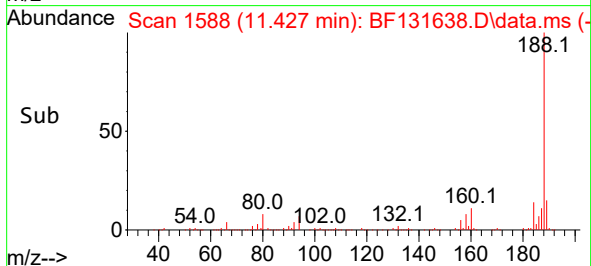
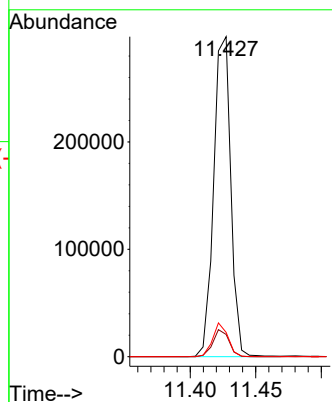
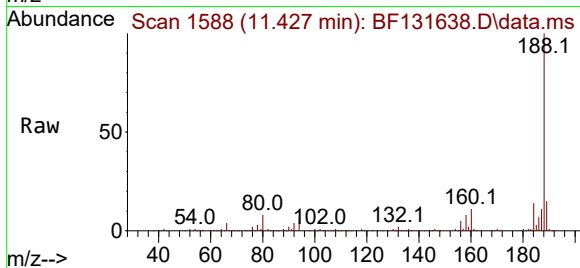
Tgt Ion:188 Resp: 270823

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

80 7.6 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 2.736 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.253 min

Lab File: BF131638.D

Acq: 15 Dec 2022 00:18

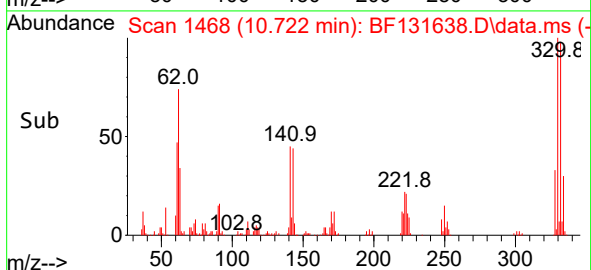
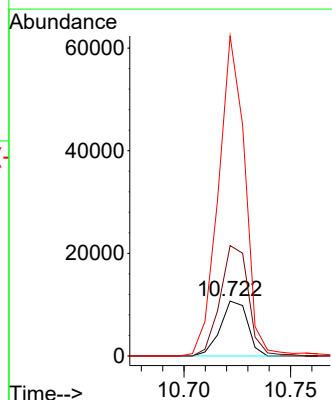
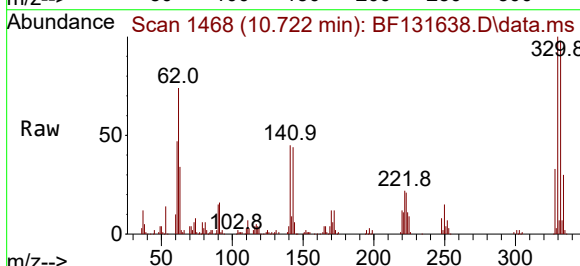
Tgt Ion:248 Resp: 9531

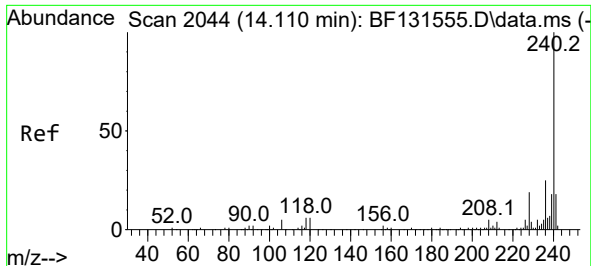
Ion Ratio Lower Upper

248 100

250 201.1 76.2 114.2#

141 583.1 59.5 89.3#

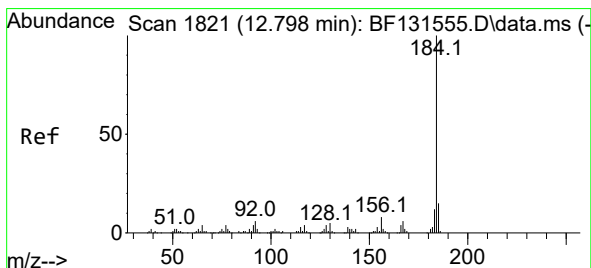
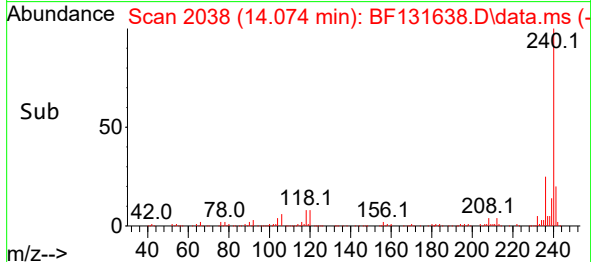
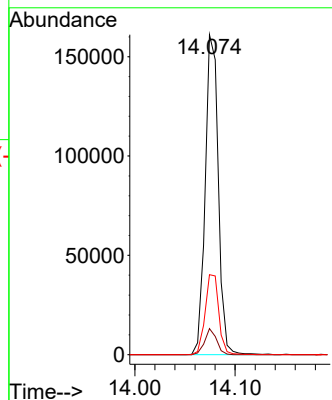
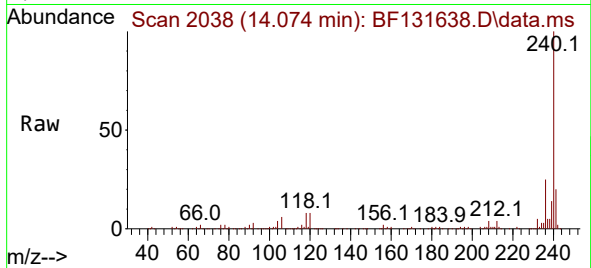




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

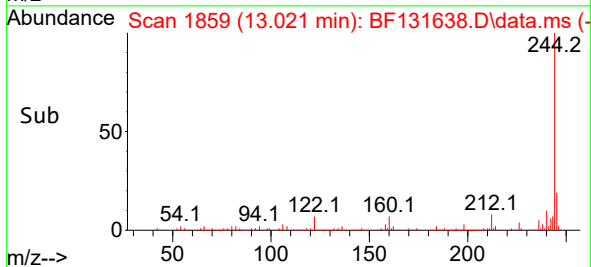
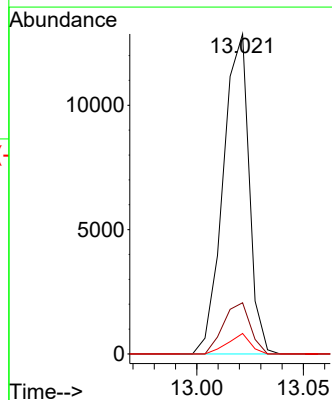
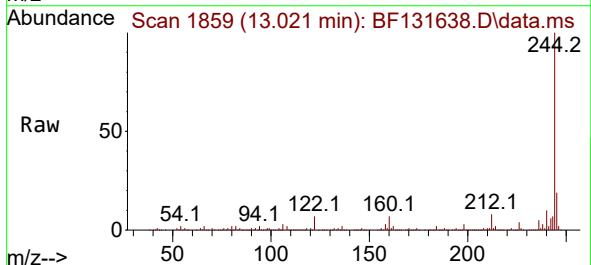
Instrument :
BNA_F
ClientSampleId :
AOC1-B5-V1

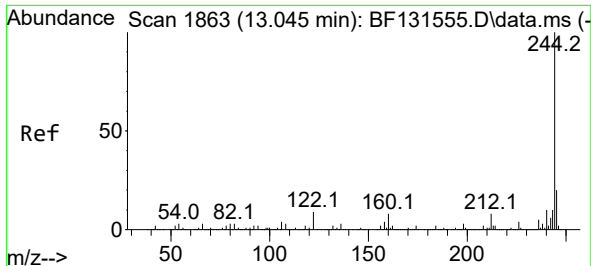
Tgt Ion:240 Resp: 146927
Ion Ratio Lower Upper
240 100
120 8.1 4.6 7.0#
236 25.0 20.2 30.2



#77
Benzidine
Concen: 2.771 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131638.D
Acq: 15 Dec 2022 00:18

Tgt Ion:184 Resp: 10909
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 6.4 9.3 13.9#

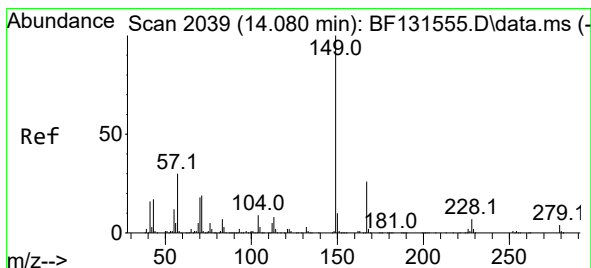
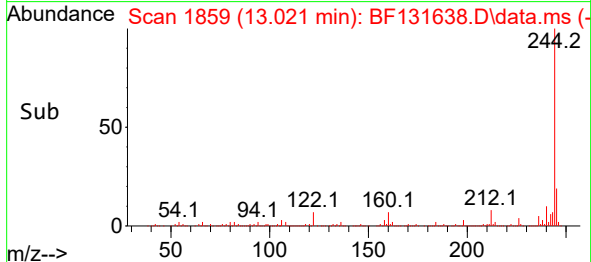
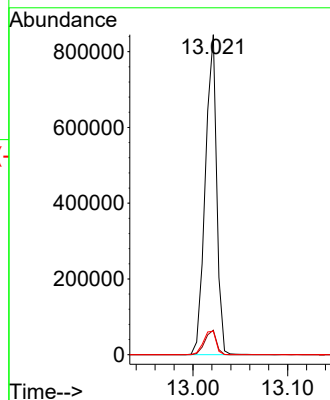
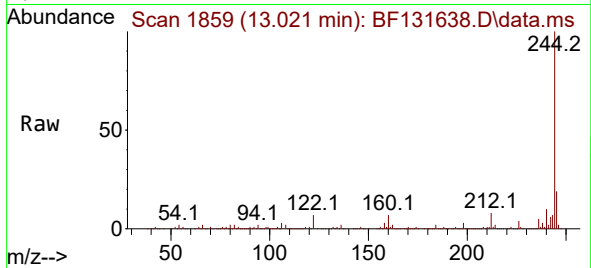




#79
 Terphenyl-d14
 Concen: 65.422 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.006 min
 Lab File: BF131638.D
 Acq: 15 Dec 2022 00:18

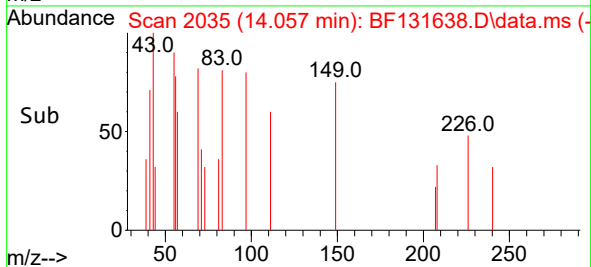
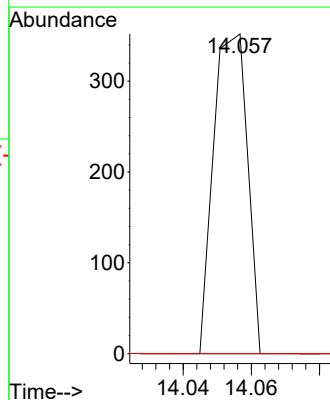
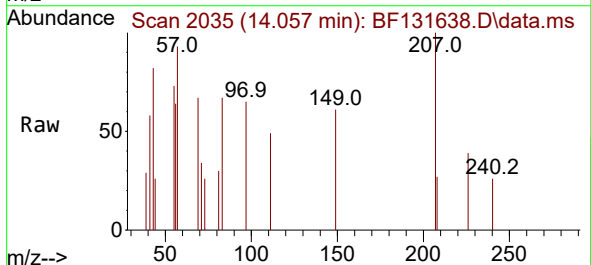
Instrument :
 BNA_F
 ClientSampleId :
 AOC1-B5-V1

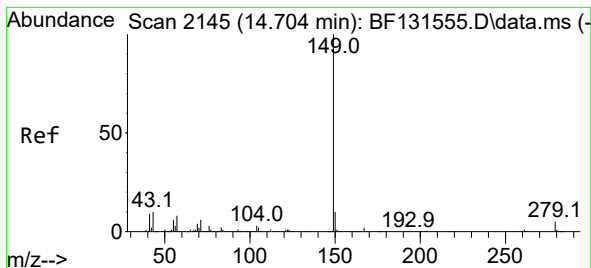
Tgt Ion:244 Resp: 700907
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.4 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.072 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.006 min
 Lab File: BF131638.D
 Acq: 15 Dec 2022 00:18

Tgt Ion:149 Resp: 243
 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: 5.233 ng

RT: 14.668 min Scan# 2145

Delta R.T. -0.012 min

Lab File: BF131638.D

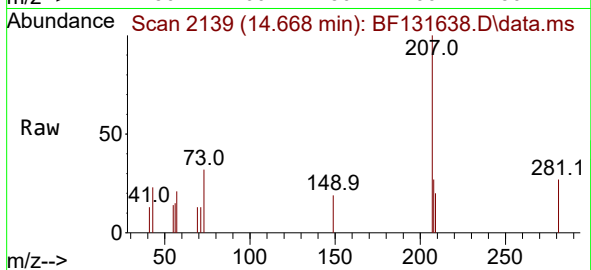
Acq: 15 Dec 2022 00:18

Instrument :

BNA_F

ClientSampleId :

AOC1-B5-V1



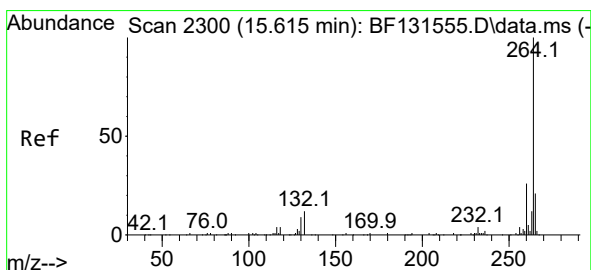
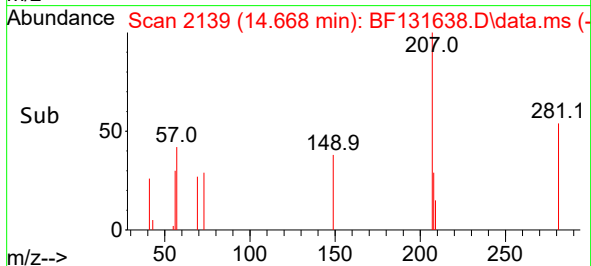
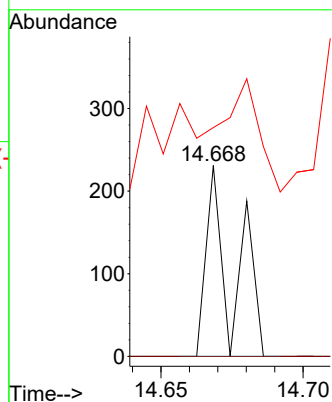
Tgt Ion:149 Resp: 148

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 73.0 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. -0.012 min

Lab File: BF131638.D

Acq: 15 Dec 2022 00:18

Tgt Ion:264 Resp: 137797

Ion Ratio Lower Upper

264 100

260 22.7 20.6 30.8

265 21.1 16.8 25.2

