

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131667.D
 Acq On : 16 Dec 2022 15:26
 Operator : CG\JU
 Sample : N6038-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-38-(3-5)

Quant Time: Dec 16 16:58:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

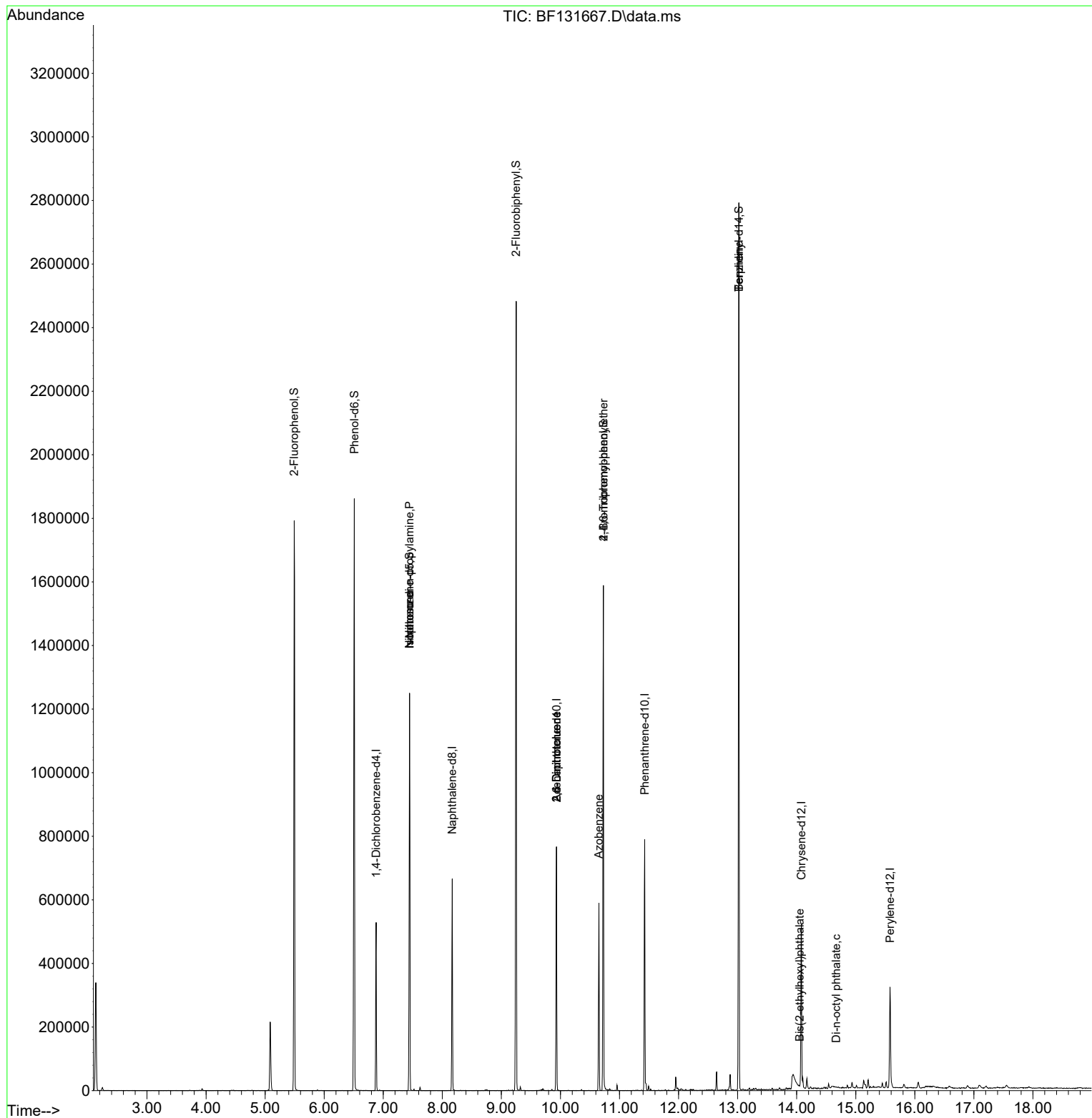
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70074	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	246487	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	142094	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	271989	20.000	ng	0.00
76) Chrysene-d12	14.080	240	173212	20.000	ng	0.00
86) Perylene-d12	15.580	264	151145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	462492	110.108	ng	0.00
7) Phenol-d6	6.510	99	596094	108.297	ng	0.00
23) Nitrobenzene-d5	7.445	82	411068	63.051	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	163328	103.457	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	722550	64.116	ng	0.00
79) Terphenyl-d14	13.021	244	859009	68.012	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	56356	13.654	ng	# 79
25) Isophorone	7.445	82	411061	39.143	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	18214	8.145	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	18214	6.140	ng	# 16
63) Azobenzene	10.651	77	98736	8.328	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	11199	3.201	ng	# 1
77) Benzidine	13.021	184	13088	2.820	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.051	149	641	3.121	ng	# 97
85) Di-n-octyl phthalate	14.668	149	149	5.231	ng	# 1

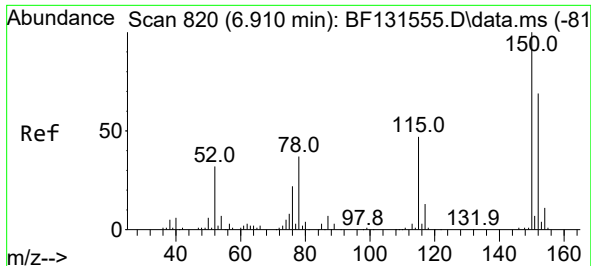
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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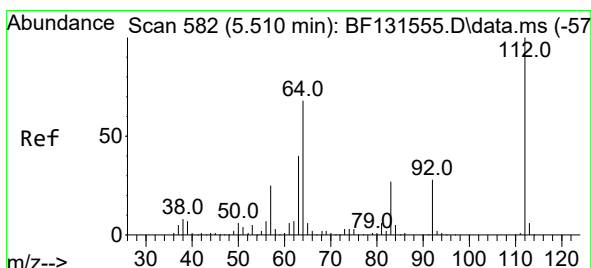
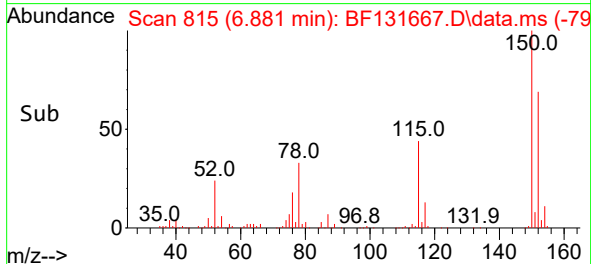
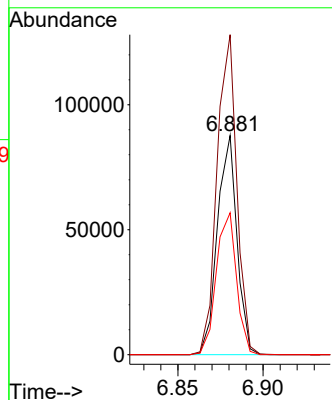
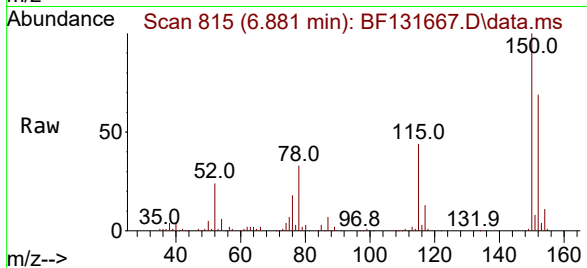




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

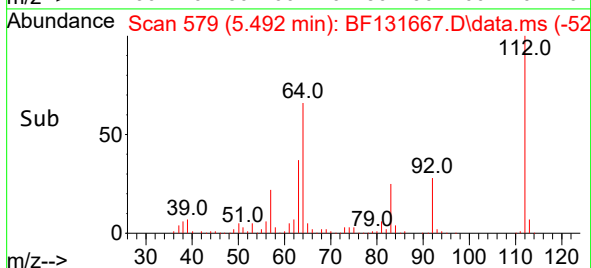
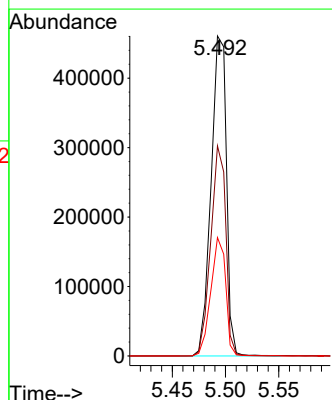
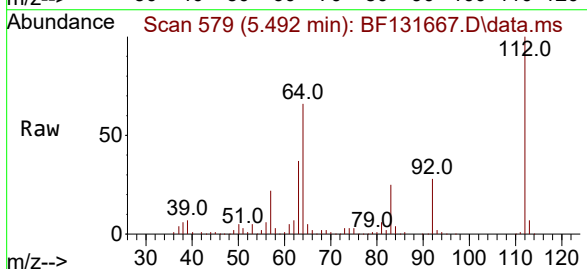
Instrument :
BNA_F
ClientSampleId :
RB-38-(3-5)

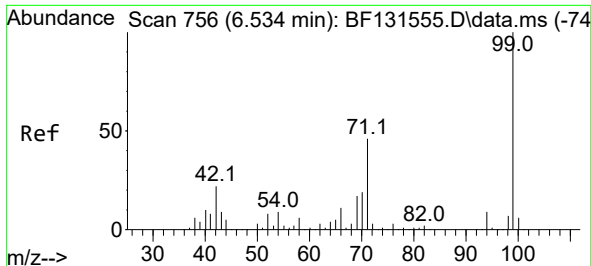
Tgt Ion:152 Resp: 70074
Ion Ratio Lower Upper
152 100
150 146.0 116.7 175.1
115 64.7 54.6 82.0



#5
2-Fluorophenol
Concen: 110.108 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

Tgt Ion:112 Resp: 462492
Ion Ratio Lower Upper
112 100
64 65.7 54.5 81.7
63 37.0 31.9 47.9

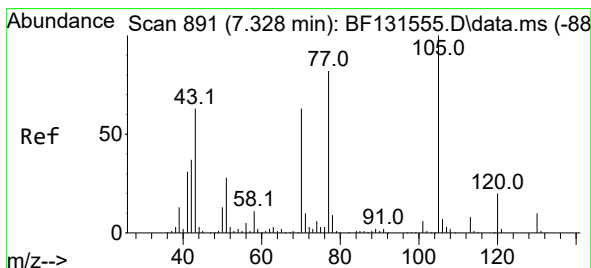
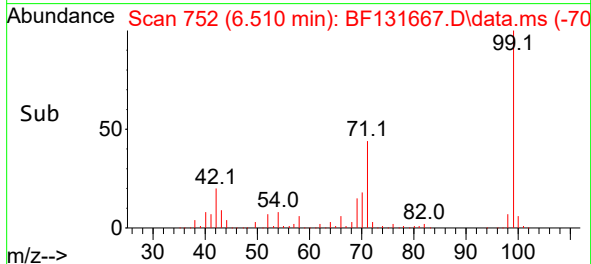
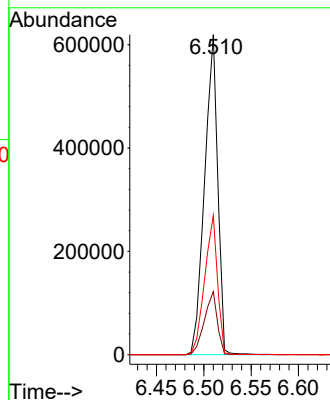
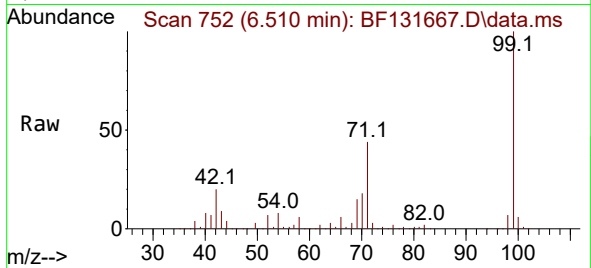




#7
Phenol-d6
Concen: 108.297 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

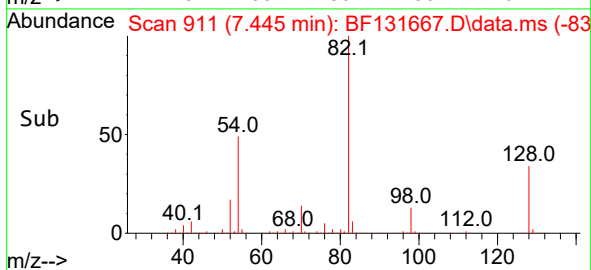
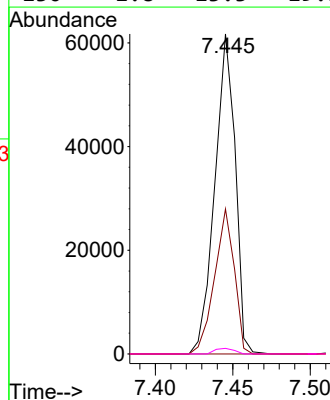
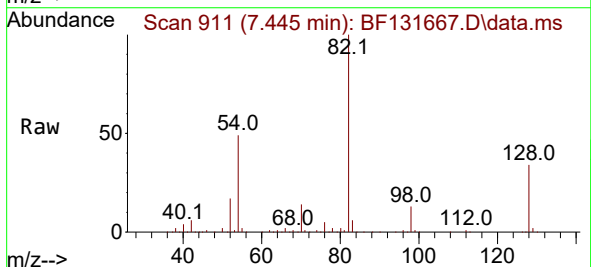
Instrument :
BNA_F
ClientSampleId :
RB-38-(3-5)

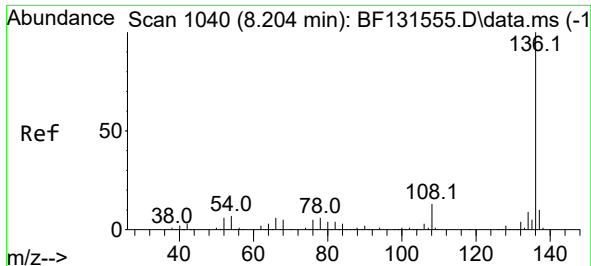
Tgt Ion: 99 Resp: 596094
Ion Ratio Lower Upper
99 100
42 19.7 17.9 26.9
71 43.5 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.654 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

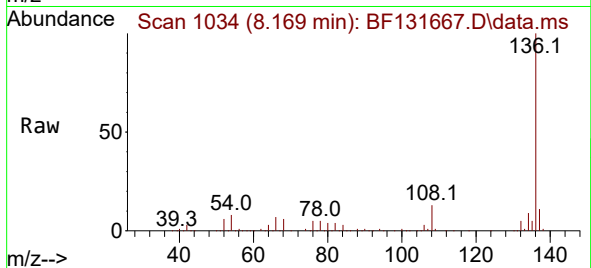
Tgt Ion: 70 Resp: 56356
Ion Ratio Lower Upper
70 100
42 45.3 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#



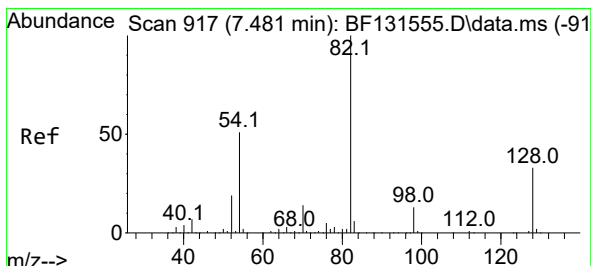
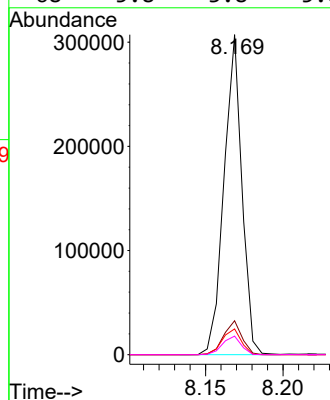
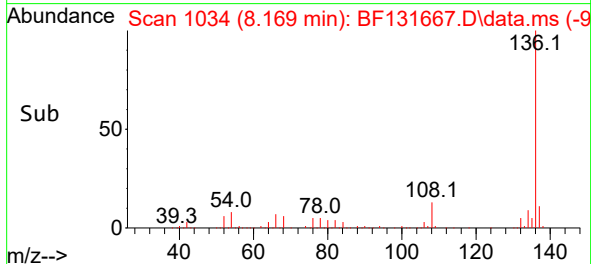


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

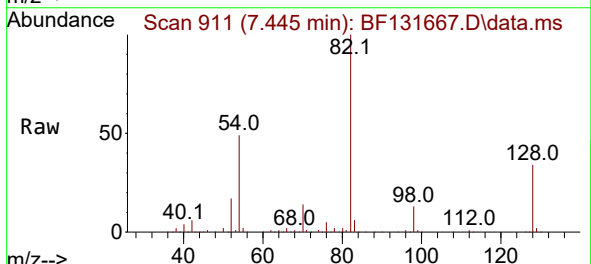
Instrument :
BNA_F
ClientSampleId :
RB-38-(3-5)



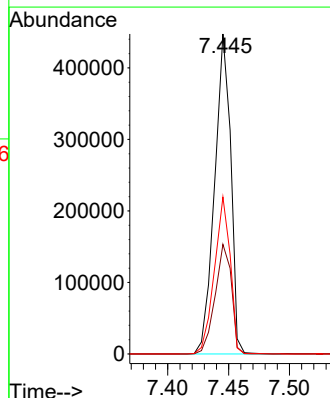
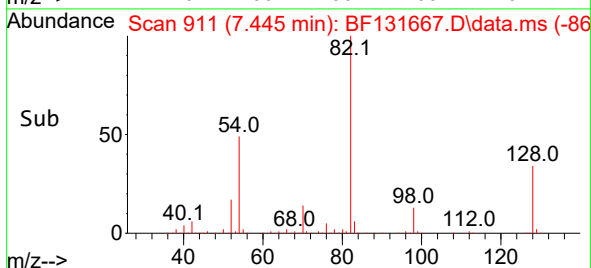
Tgt Ion:136 Resp: 246487
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 8.1 6.0 9.0
68 5.8 3.8 5.8#

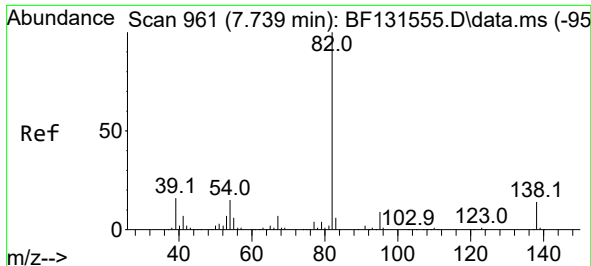


#23
Nitrobenzene-d5
Concen: 63.051 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26



Tgt Ion: 82 Resp: 411068
Ion Ratio Lower Upper
82 100
128 34.2 26.1 39.1
54 49.1 40.6 60.8

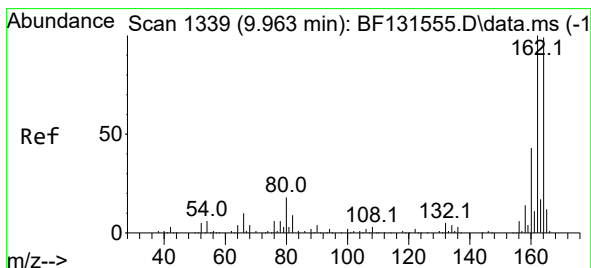
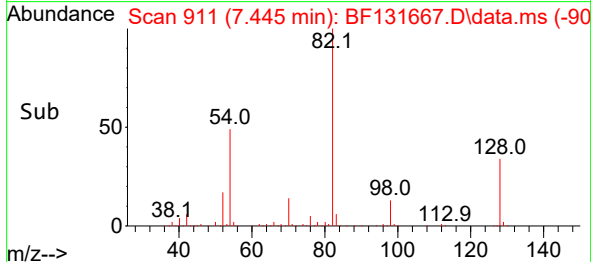
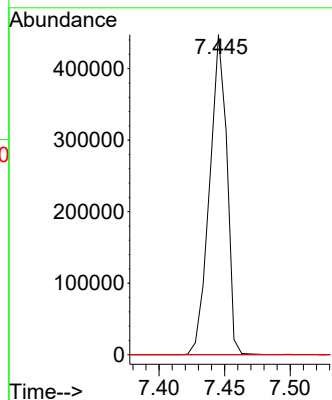
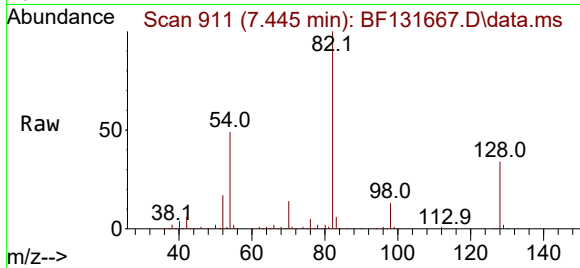




#25
Isophorone
Concen: 39.143 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

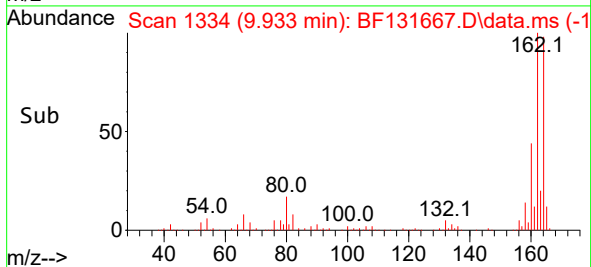
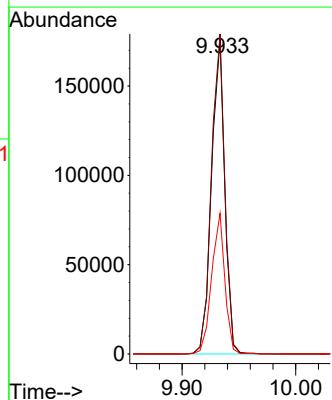
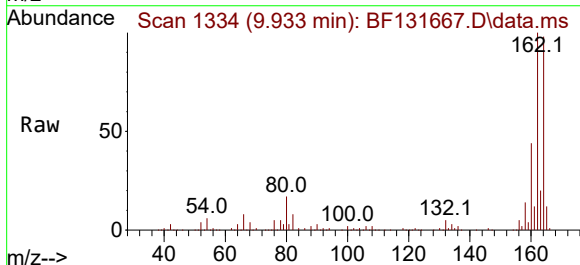
Instrument :
BNA_F
ClientSampleId :
RB-38-(3-5)

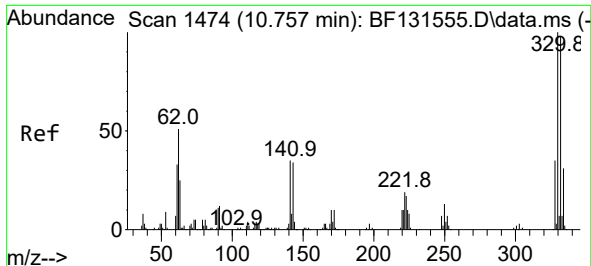
Tgt Ion: 82 Resp: 411061
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

Tgt Ion:164 Resp: 142094
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.6
160 44.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 103.457 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131667.D

Acq: 16 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

RB-38-(3-5)

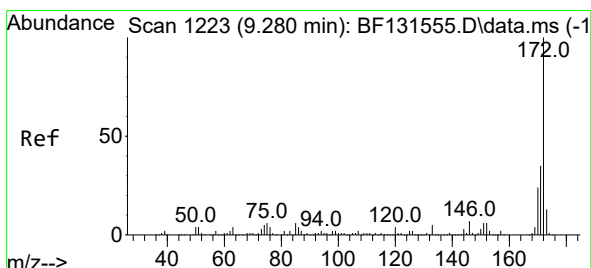
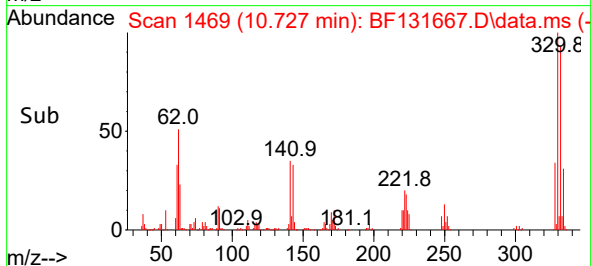
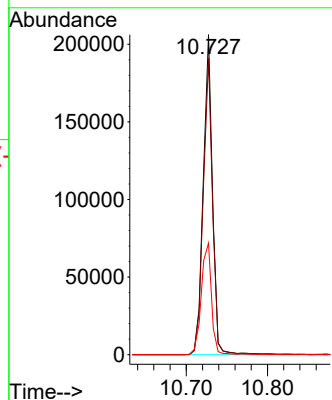
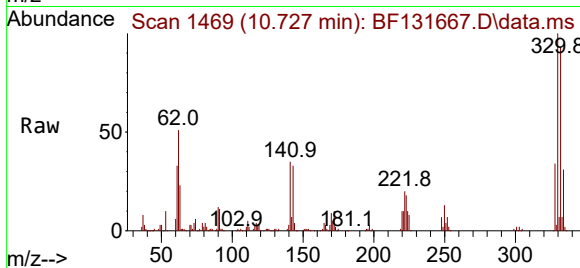
Tgt Ion:330 Resp: 163328

Ion Ratio Lower Upper

330 100

332 93.5 78.3 117.5

141 38.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 64.116 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131667.D

Acq: 16 Dec 2022 15:26

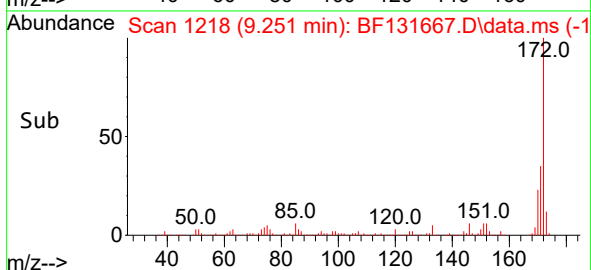
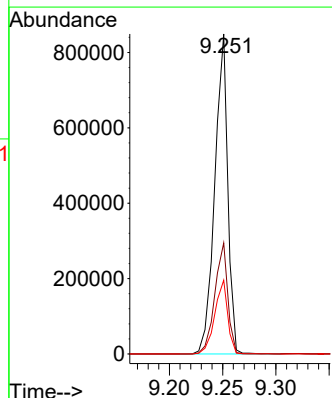
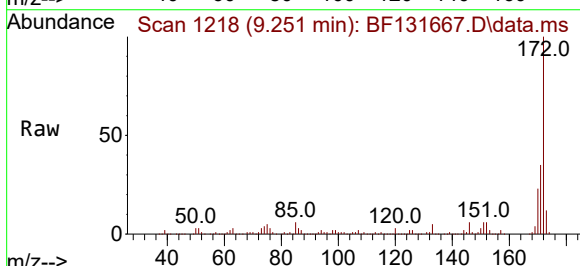
Tgt Ion:172 Resp: 722550

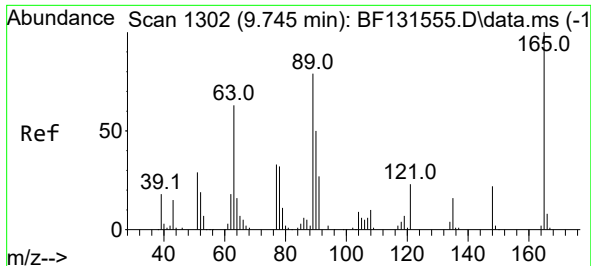
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.1 19.3 28.9

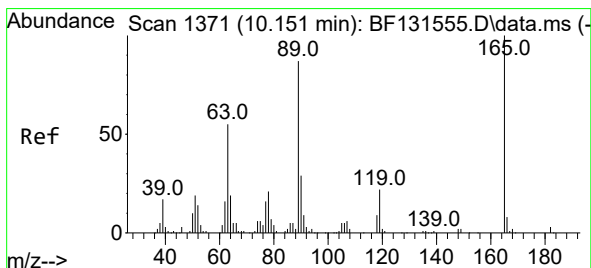
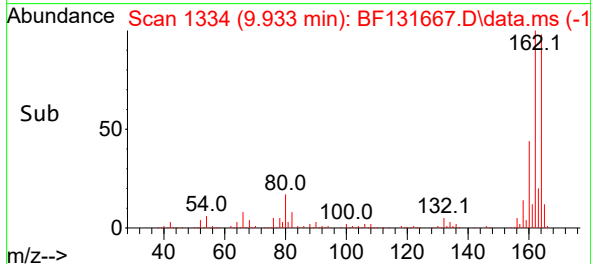
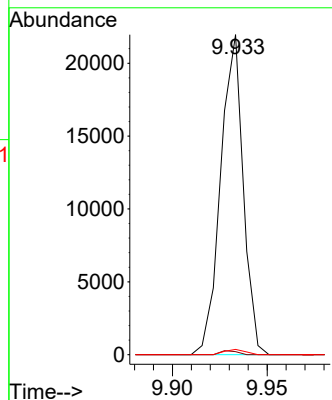
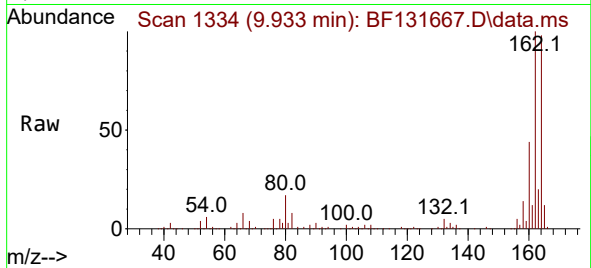




#51
2,6-Dinitrotoluene
Concen: 8.145 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

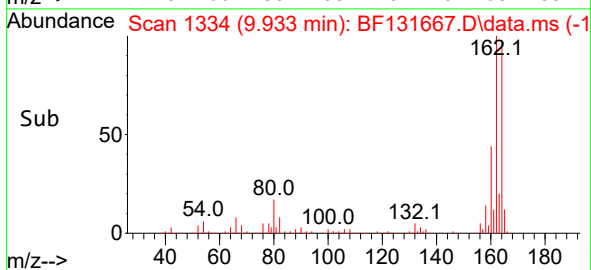
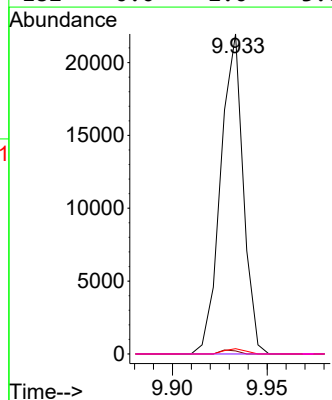
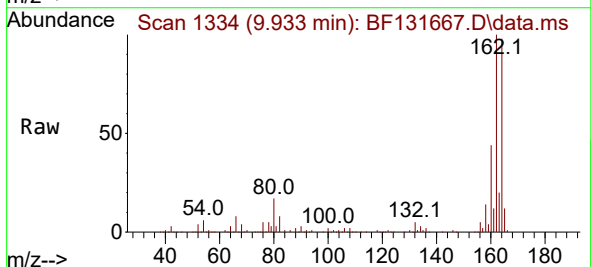
Instrument :
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RB-38-(3-5)

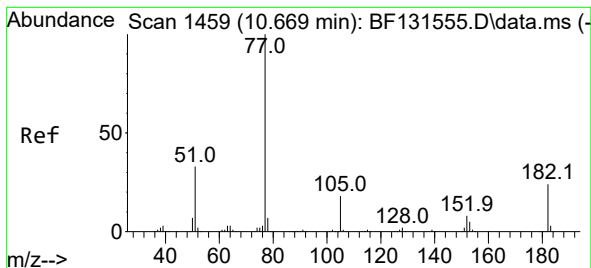
Tgt Ion:165 Resp: 18214
Ion Ratio Lower Upper
165 100
63 1.0 67.9 101.9#
89 1.7 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.140 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

Tgt Ion:165 Resp: 18214
Ion Ratio Lower Upper
165 100
63 1.0 44.4 66.6#
89 1.7 69.6 104.4#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 8.328 ng

RT: 10.651 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF131667.D

Acq: 16 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

RB-38-(3-5)

Tgt Ion: 77 Resp: 98736

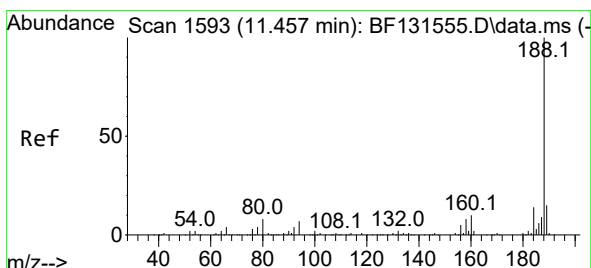
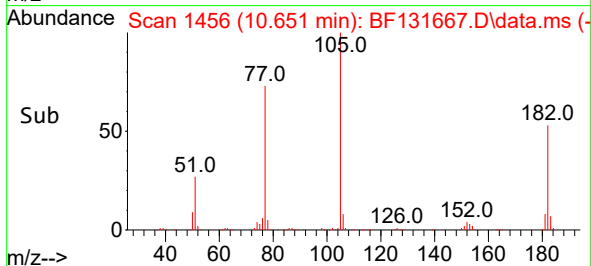
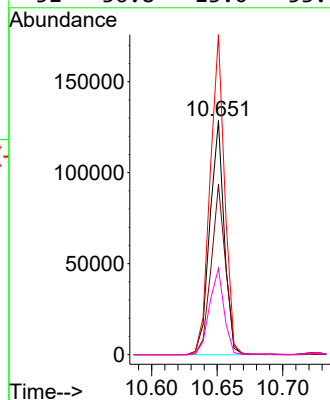
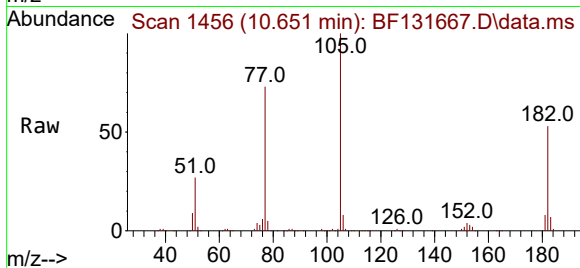
Ion Ratio Lower Upper

77 100

182 72.7 3.9 43.9#

105 136.7 0.0 38.3#

51 36.8 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF131667.D

Acq: 16 Dec 2022 15:26

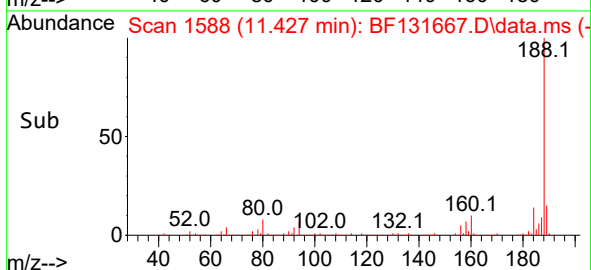
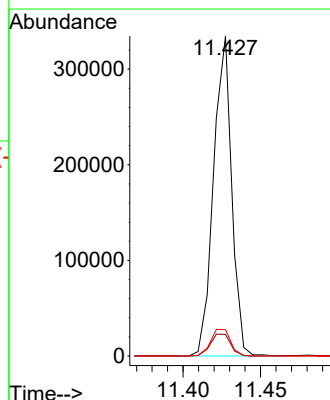
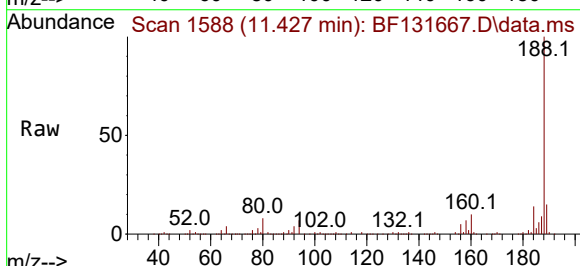
Tgt Ion:188 Resp: 271989

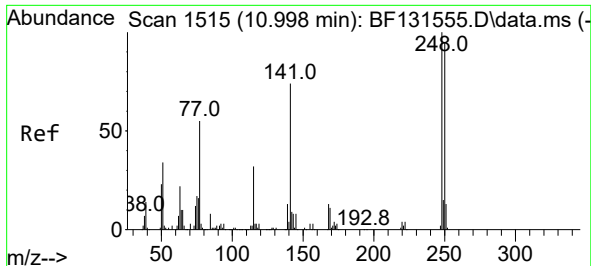
Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

80 8.2 6.6 10.0

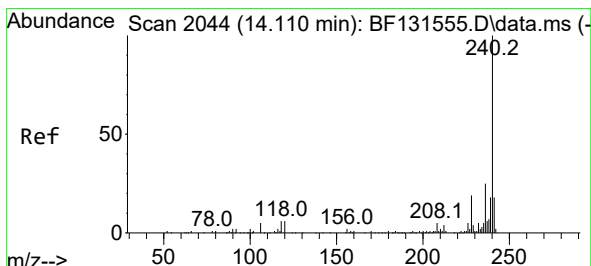
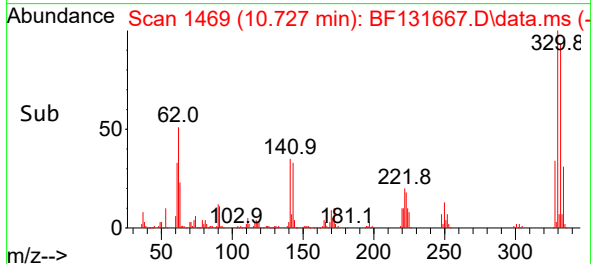
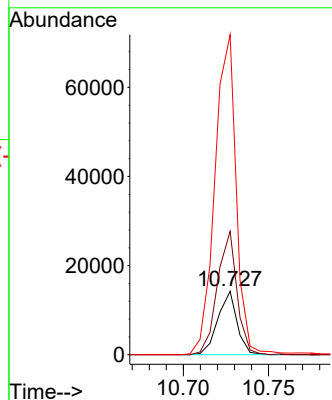
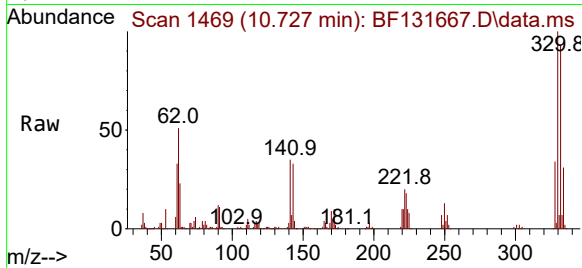




#67
4-Bromophenyl-phenylether
Concen: 3.201 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

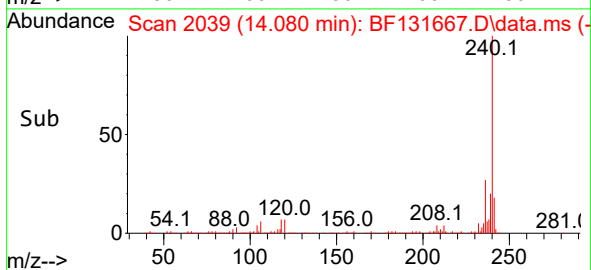
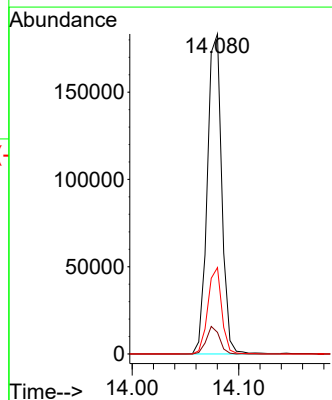
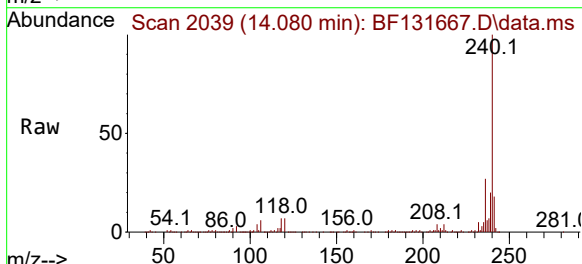
Instrument :
BNA_F
ClientSampleId :
RB-38-(3-5)

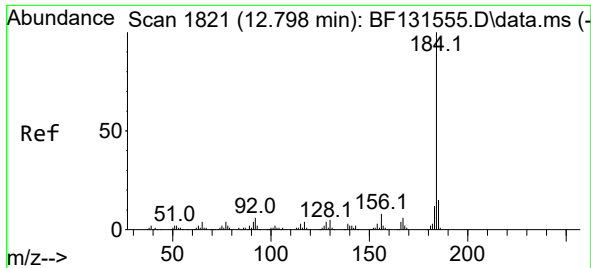
Tgt Ion:248 Resp: 11199
Ion Ratio Lower Upper
248 100
250 194.6 76.2 114.2#
141 504.4 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

Tgt Ion:240 Resp: 173212
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 27.0 20.2 30.2

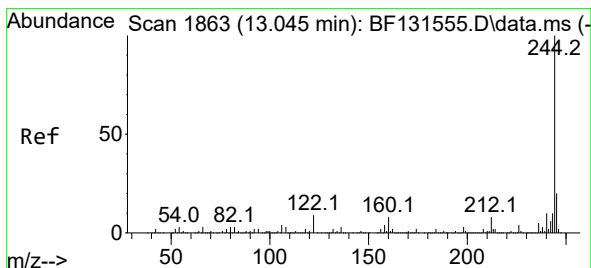
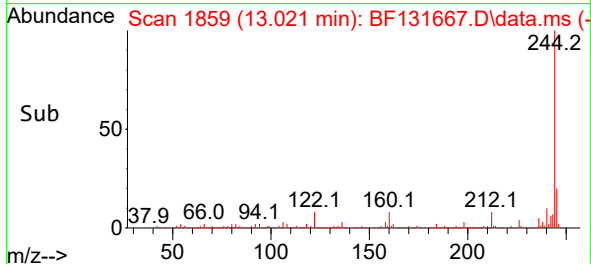
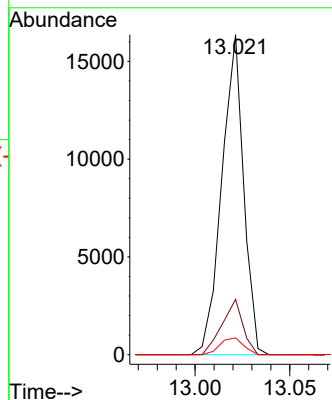
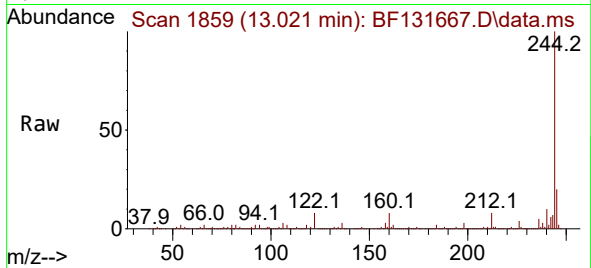




#77
Benzidine
Concen: 2.820 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

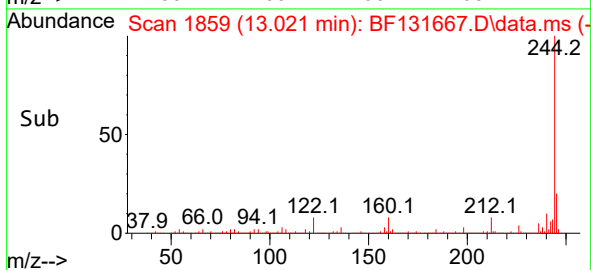
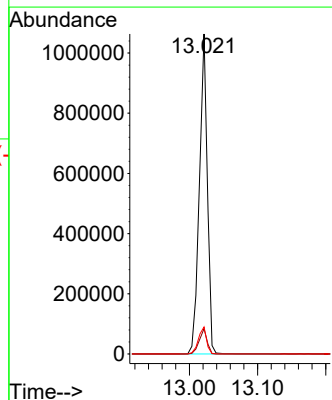
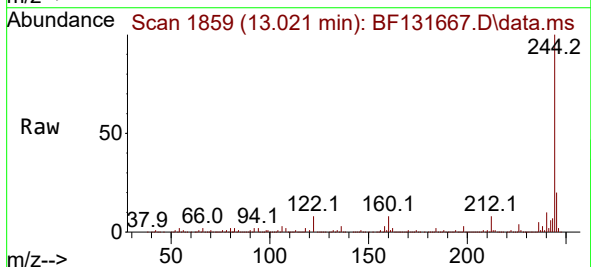
Instrument :
BNA_F
ClientSampleId :
RB-38-(3-5)

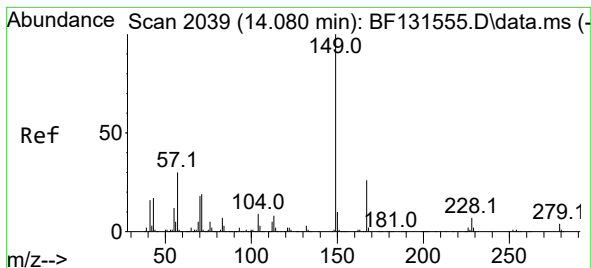
Tgt Ion:184 Resp: 13088
Ion Ratio Lower Upper
184 100
185 17.3 12.2 18.2
183 5.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 68.012 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

Tgt Ion:244 Resp: 859009
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 8.5 7.1 10.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.121 ng

RT: 14.051 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF131667.D

Acq: 16 Dec 2022 15:26

Instrument :

BNA_F

ClientSampleId :

RB-38-(3-5)

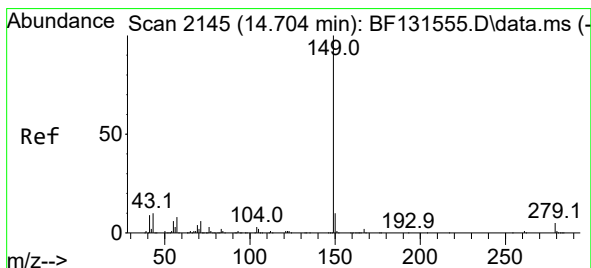
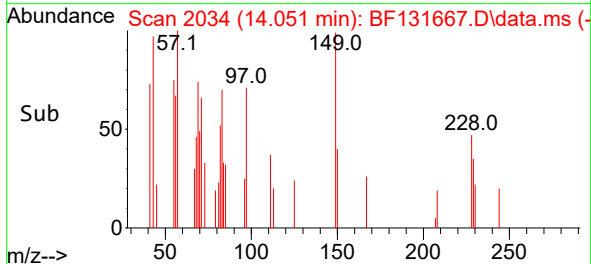
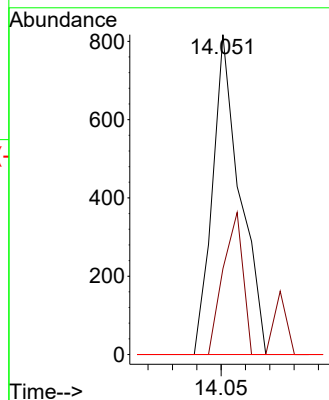
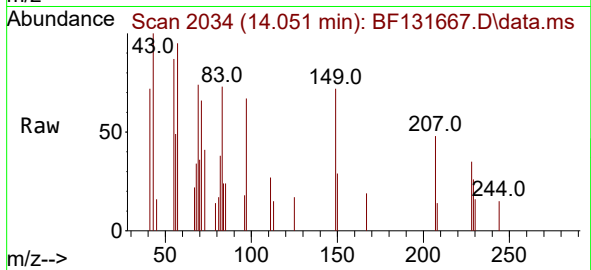
Tgt Ion:149 Resp: 641

Ion Ratio Lower Upper

149 100

167 26.8 20.8 31.2

279 0.0 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 5.231 ng

RT: 14.668 min Scan# 2139

Delta R.T. -0.006 min

Lab File: BF131667.D

Acq: 16 Dec 2022 15:26

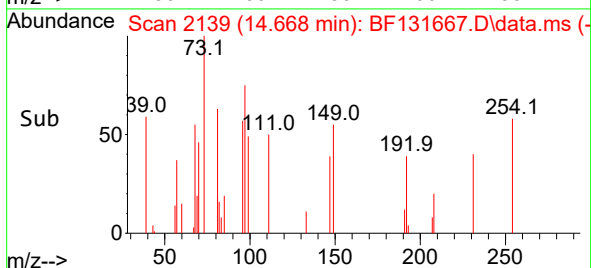
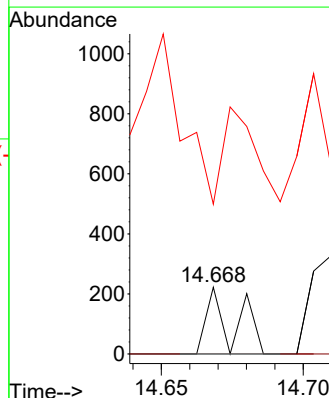
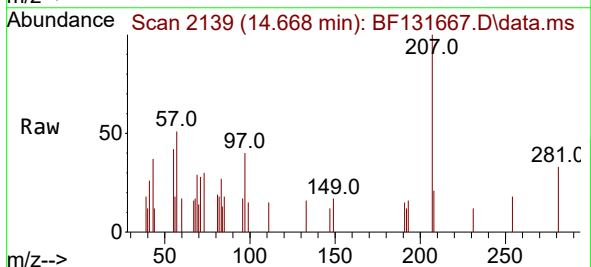
Tgt Ion:149 Resp: 149

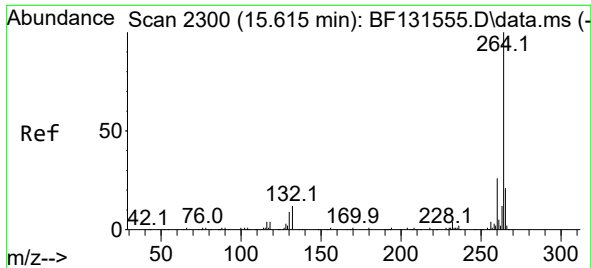
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

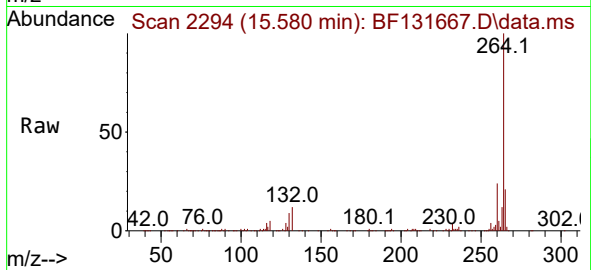
43 166.4 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131667.D
Acq: 16 Dec 2022 15:26

Instrument :
BNA_F
ClientSampleId :
RB-38-(3-5)



Tgt Ion:264 Resp: 151145

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.6	30.8
265	21.3	16.8	25.2

