

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131679.D
 Acq On : 16 Dec 2022 22:01
 Operator : CG\JU
 Sample : N6037-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-27-(5-7)

Quant Time: Dec 17 03:59:21 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)

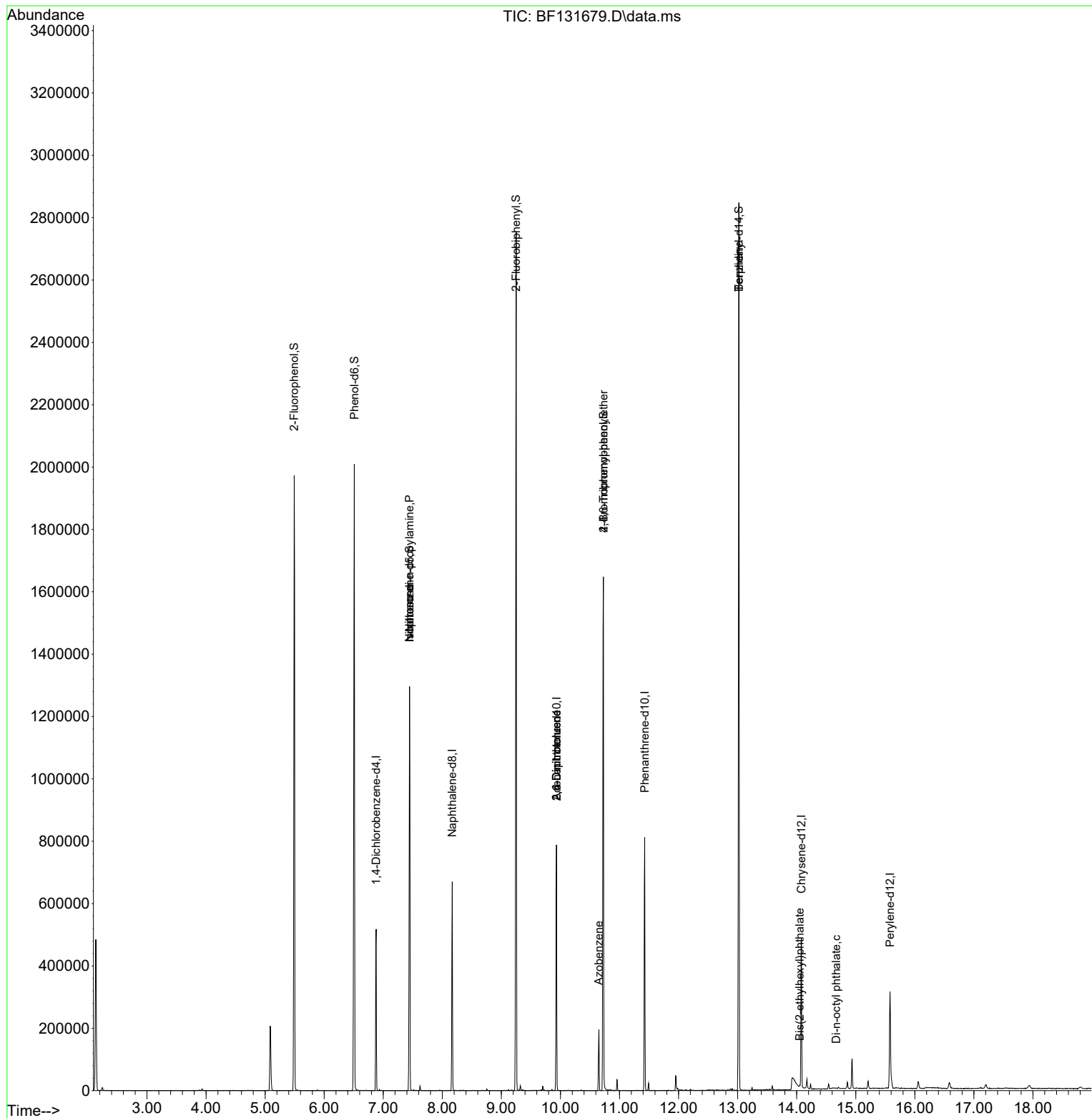
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70733	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	252745	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	144788	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	282268	20.000	ng	0.00
76) Chrysene-d12	14.080	240	166396	20.000	ng	0.00
86) Perylene-d12	15.580	264	145735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	514219	121.282	ng	0.00
7) Phenol-d6	6.510	99	659122	118.632	ng	0.00
23) Nitrobenzene-d5	7.445	82	455823	68.184	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	182511	113.457	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	785087	68.369	ng	0.00
79) Terphenyl-d14	13.021	244	918048	75.664	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	63498	15.241	ng	# 77
25) Isophorone	7.445	82	455817	42.330	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	18104	7.945	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	18104	5.989	ng	# 16
63) Azobenzene	10.651	77	33802	2.798	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	12349	3.401	ng	# 1
77) Benzidine	13.021	184	14135	3.170	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.051	149	1775	3.289	ng	# 82
85) Di-n-octyl phthalate	14.668	149	161	5.232	ng	# 1

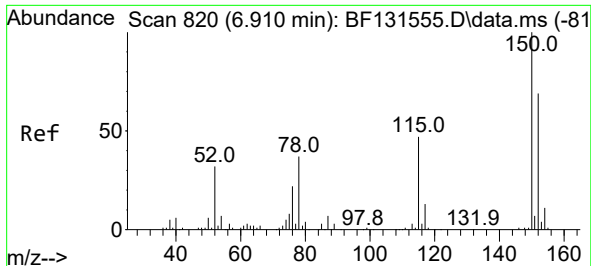
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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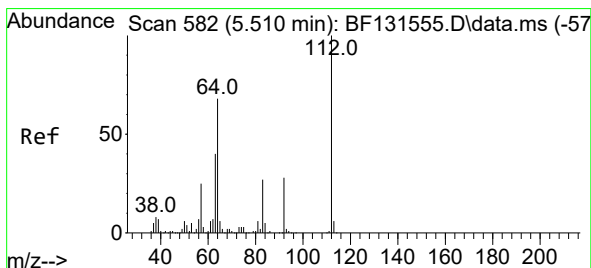
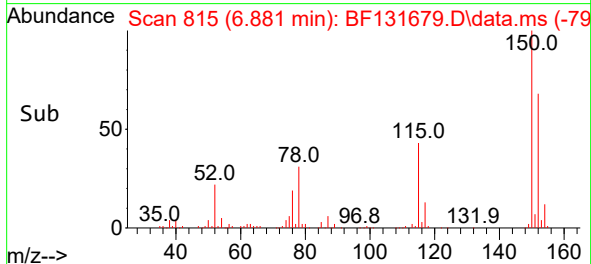
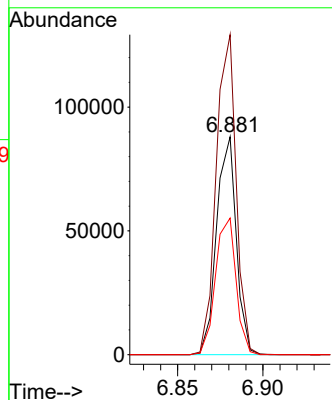
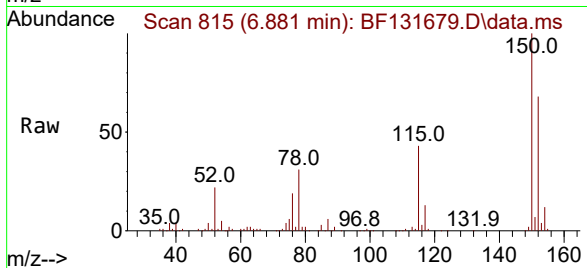




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131679.D
 Acq: 16 Dec 2022 22:01

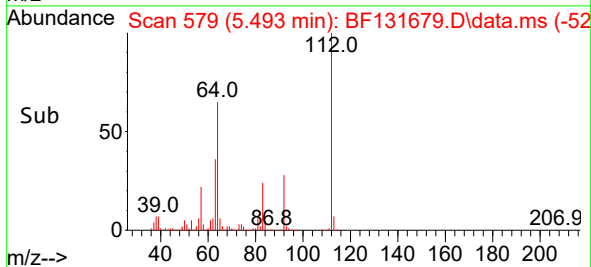
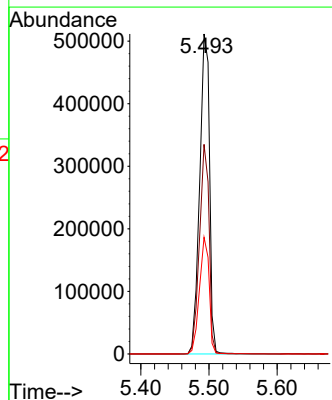
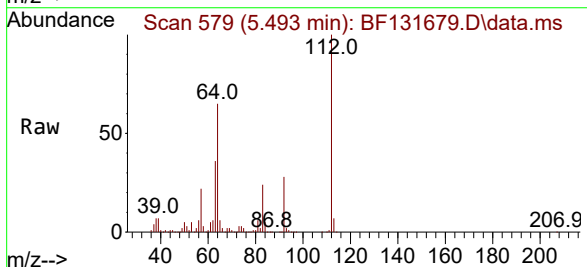
Instrument :
 BNA_F
 ClientSampleId :
 RB-27-(5-7)

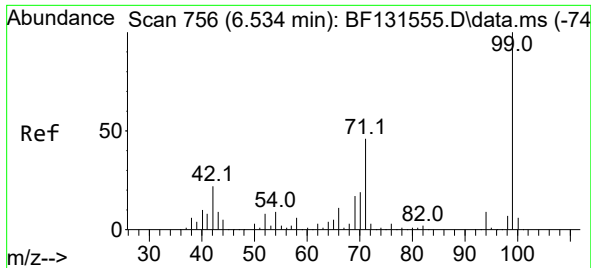
Tgt Ion:152 Resp: 70733
 Ion Ratio Lower Upper
 152 100
 150 146.8 116.7 175.1
 115 62.7 54.6 82.0



#5
 2-Fluorophenol
 Concen: 121.282 ng
 RT: 5.493 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF131679.D
 Acq: 16 Dec 2022 22:01

Tgt Ion:112 Resp: 514219
 Ion Ratio Lower Upper
 112 100
 64 65.5 54.5 81.7
 63 36.4 31.9 47.9

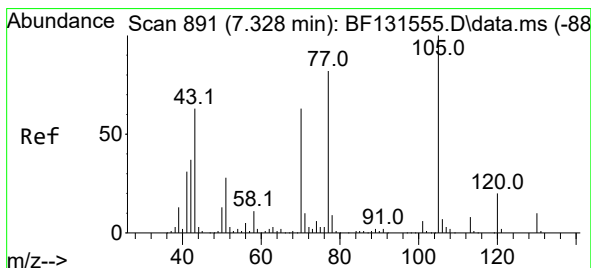
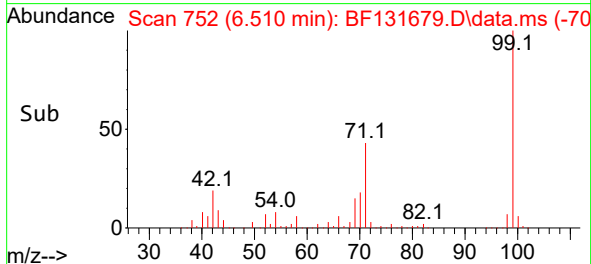
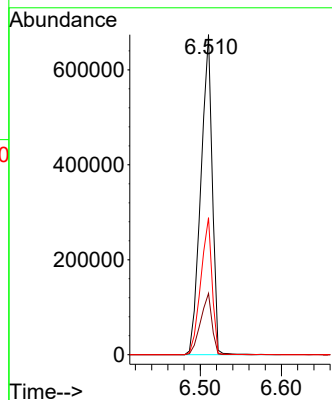
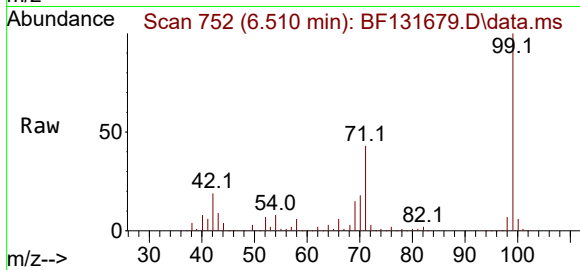




#7
Phenol-d6
Concen: 118.632 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

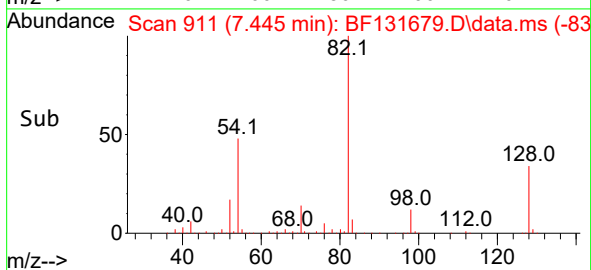
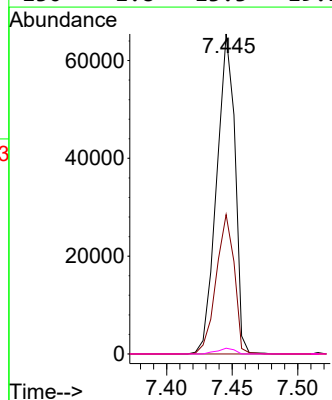
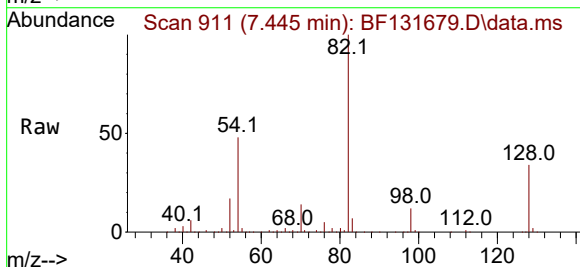
Instrument :
BNA_F
ClientSampleId :
RB-27-(5-7)

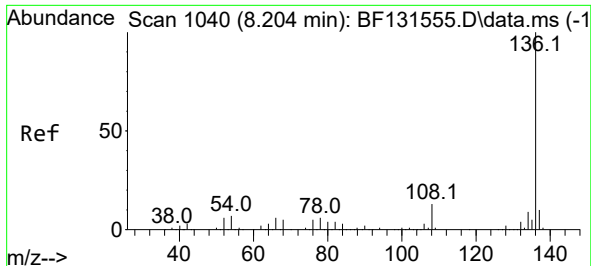
Tgt Ion: 99 Resp: 659122
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 42.8 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.241 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

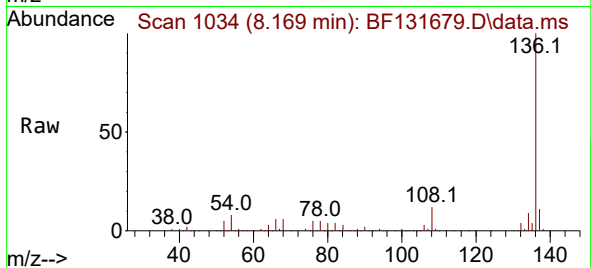
Tgt Ion: 70 Resp: 63498
Ion Ratio Lower Upper
70 100
42 43.6 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#



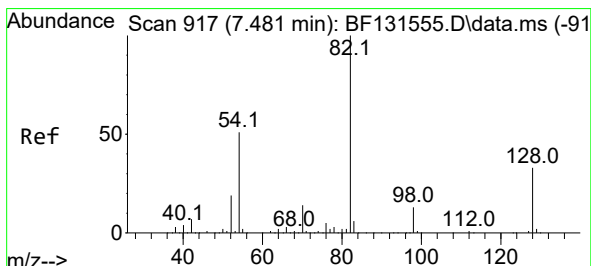
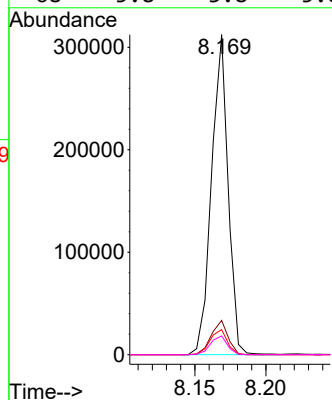
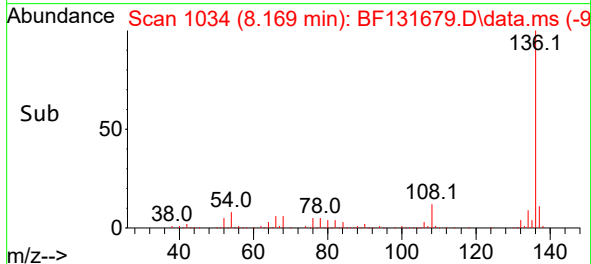


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

Instrument :
BNA_F
ClientSampleId :
RB-27-(5-7)

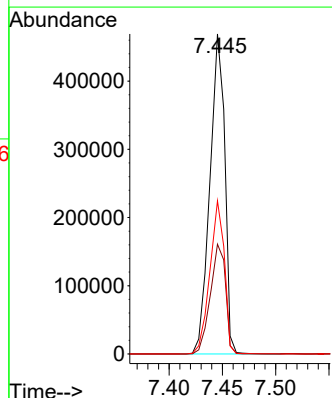
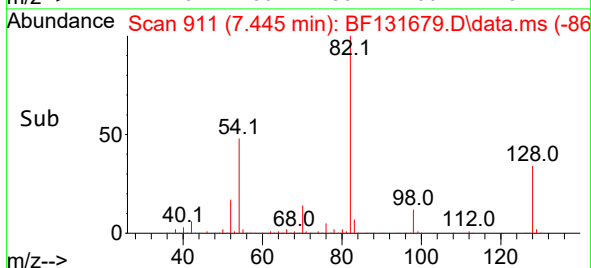
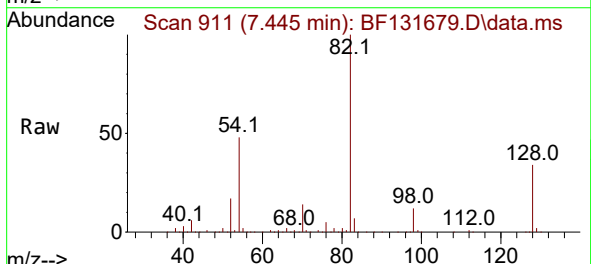


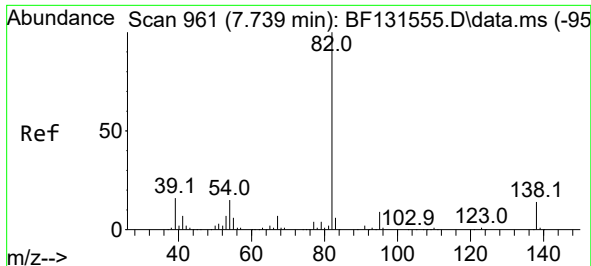
Tgt Ion:136 Resp: 252745
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 7.9 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 68.184 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

Tgt Ion: 82 Resp: 455823
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 47.8 40.6 60.8

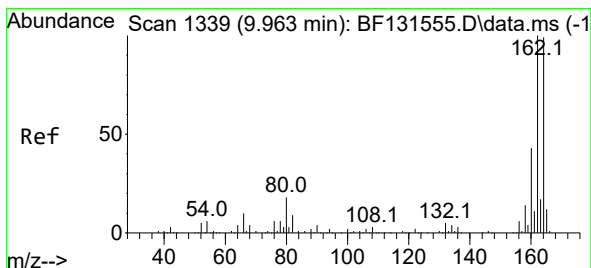
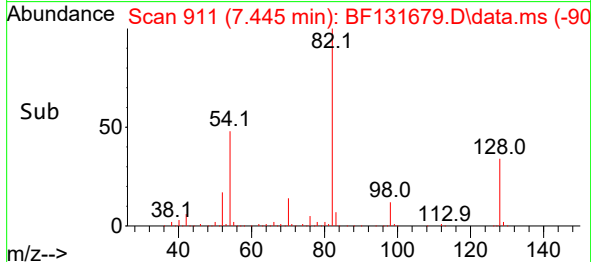
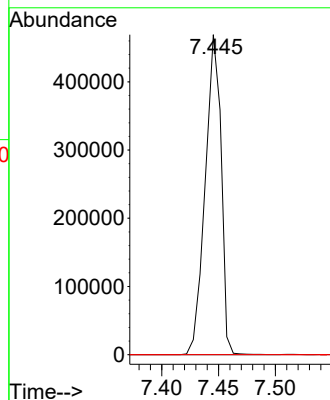
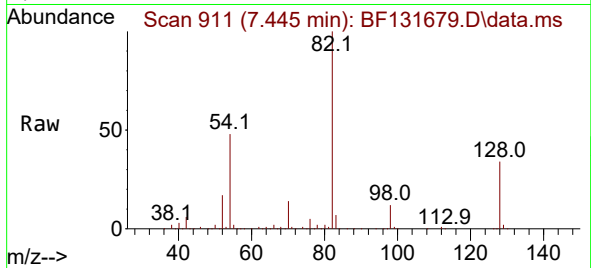




#25
Isophorone
Concen: 42.330 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

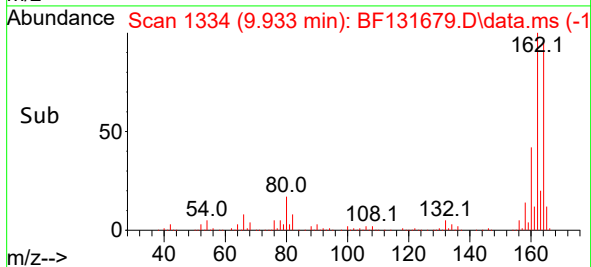
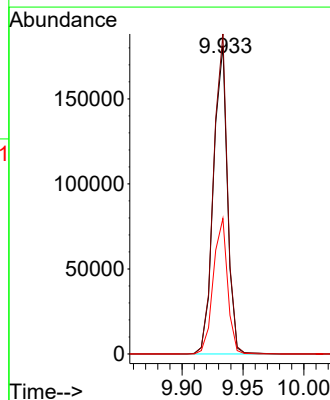
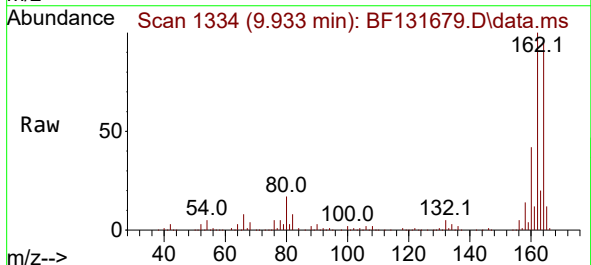
Instrument :
BNA_F
ClientSampleId :
RB-27-(5-7)

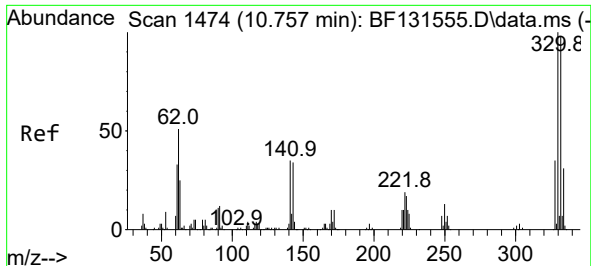
Tgt Ion: 82 Resp: 455817
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

Tgt Ion:164 Resp: 144788
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.6
160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 113.457 ng

RT: 10.728 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

RB-27-(5-7)

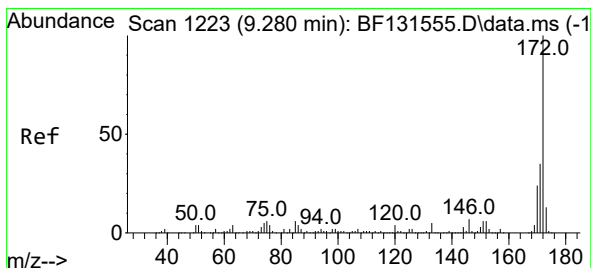
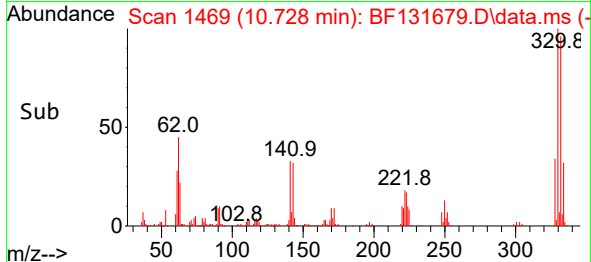
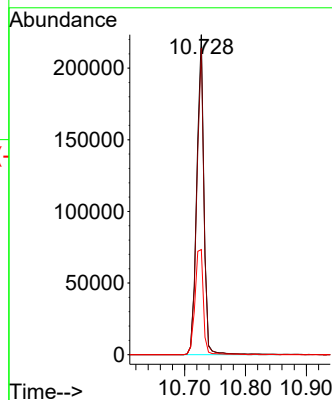
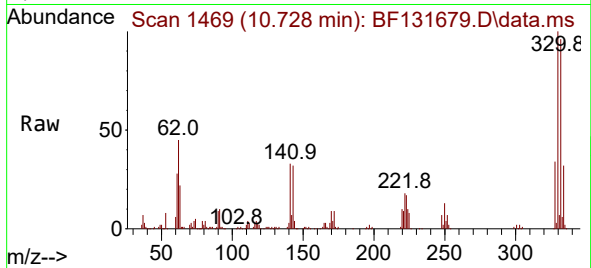
Tgt Ion:330 Resp: 182511

Ion Ratio Lower Upper

330 100

332 95.3 78.3 117.5

141 38.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 68.369 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

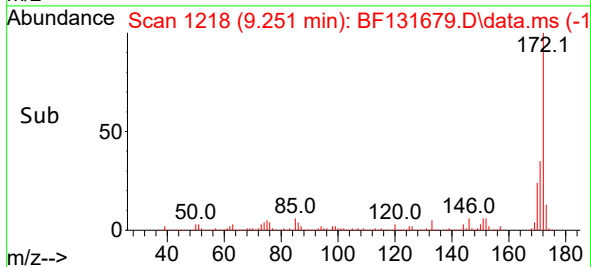
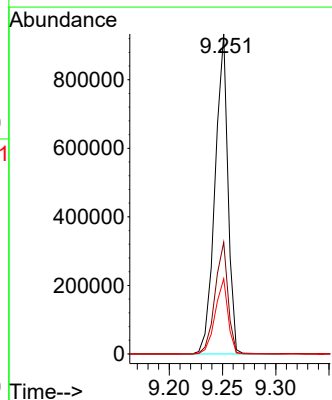
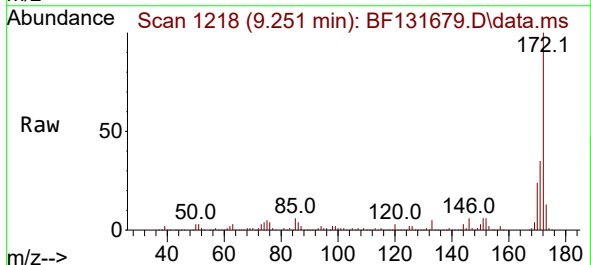
Tgt Ion:172 Resp: 785087

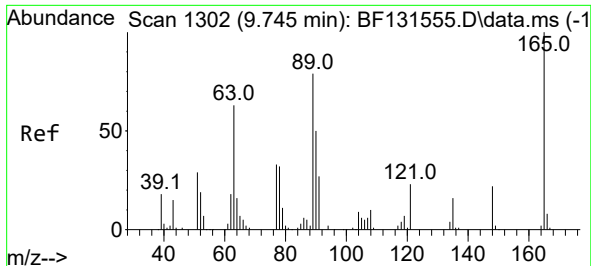
Ion Ratio Lower Upper

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171 34.9 28.3 42.5

170 23.5 19.3 28.9

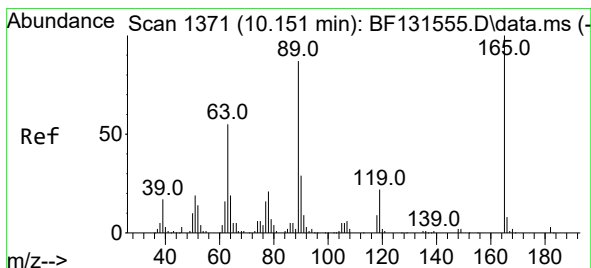
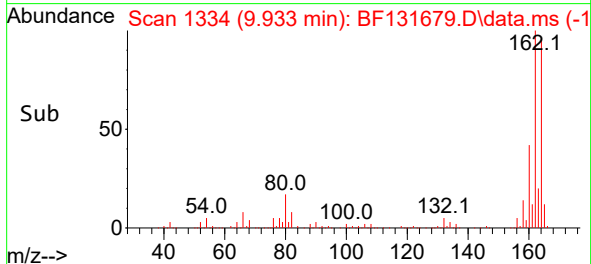
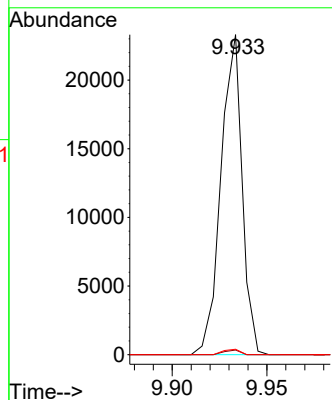
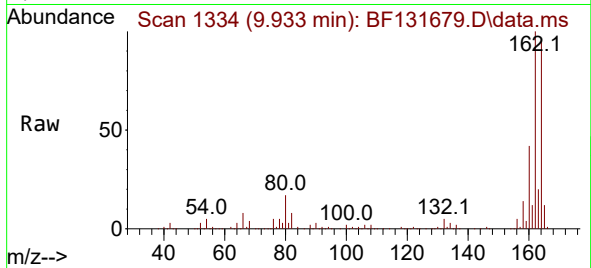




#51
2,6-Dinitrotoluene
Concen: 7.945 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

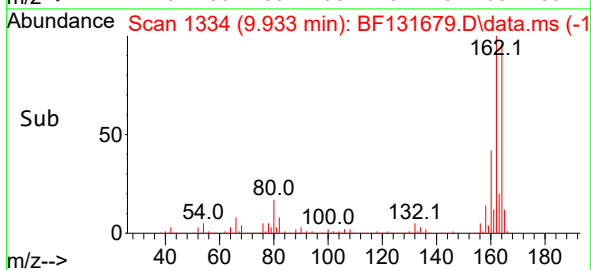
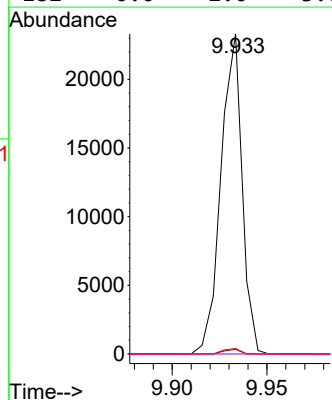
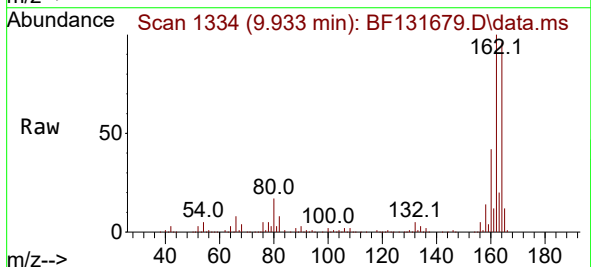
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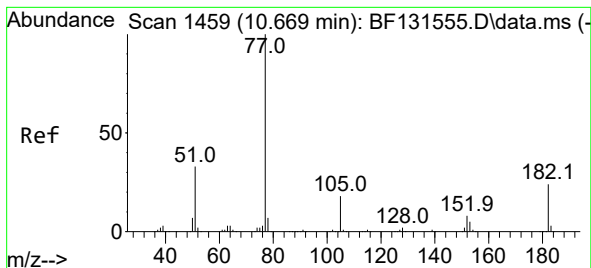
Tgt Ion:165 Resp: 18104
Ion Ratio Lower Upper
165 100
63 1.4 67.9 101.9#
89 1.7 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.989 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

Tgt Ion:165 Resp: 18104
Ion Ratio Lower Upper
165 100
63 1.4 44.4 66.6#
89 1.7 69.6 104.4#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.798 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.012 min

Lab File: BF131679.D

Acq: 16 Dec 2022 22:01

Instrument :

BNA_F

ClientSampleId :

RB-27-(5-7)

Tgt Ion: 77 Resp: 33802

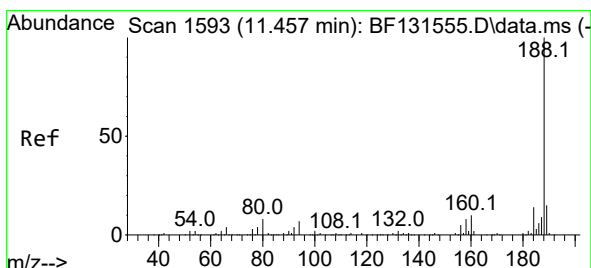
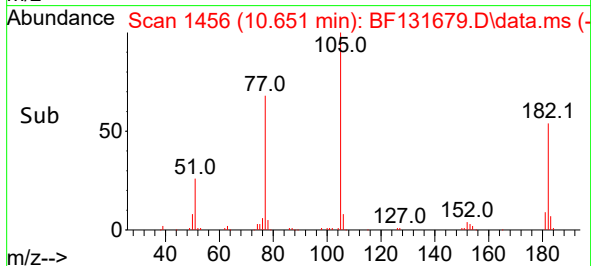
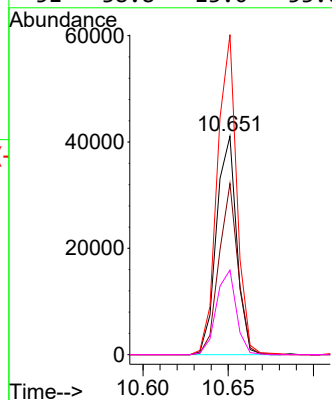
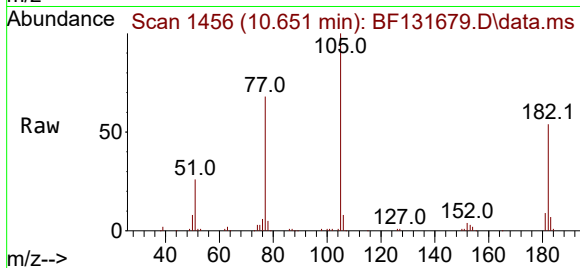
Ion Ratio Lower Upper

77 100

182 78.4 3.9 43.9#

105 146.5 0.0 38.3#

51 38.8 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: BF131679.D

Acq: 16 Dec 2022 22:01

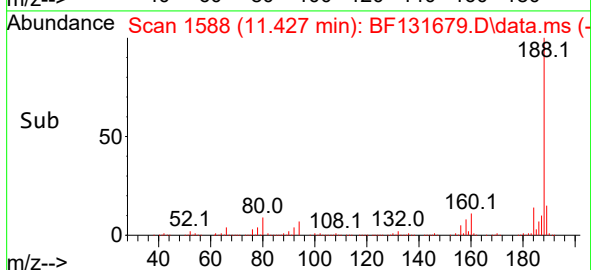
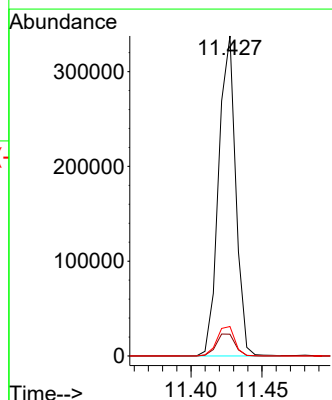
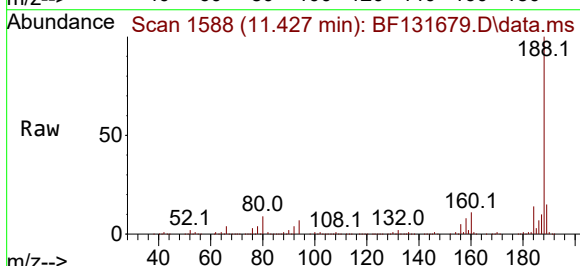
Tgt Ion:188 Resp: 282268

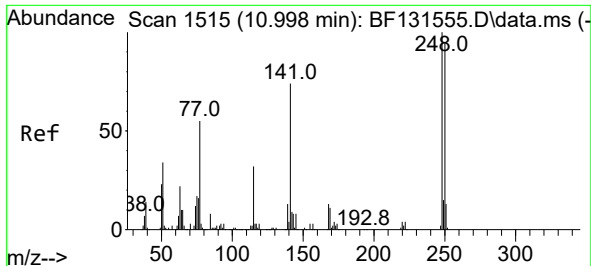
Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

80 9.2 6.6 10.0

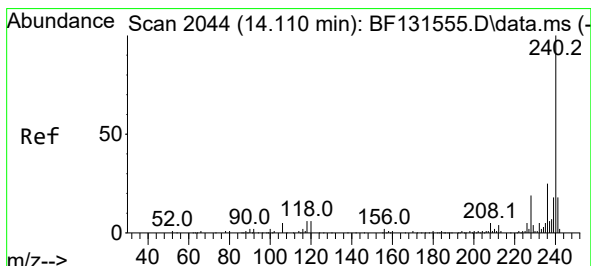
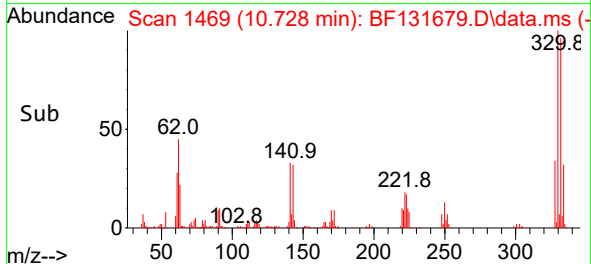
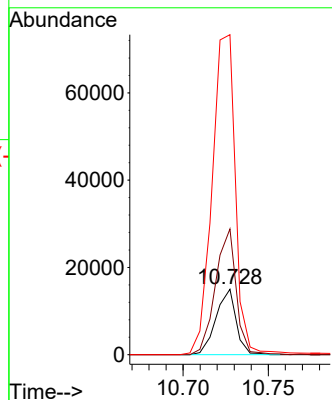
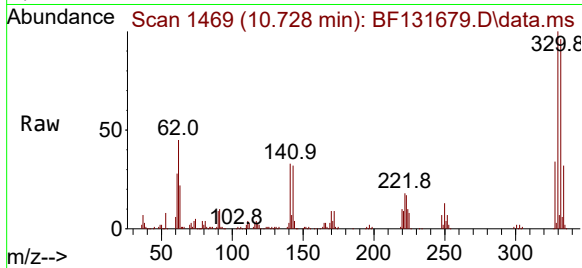




#67
4-Bromophenyl-phenylether
Concen: 3.401 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

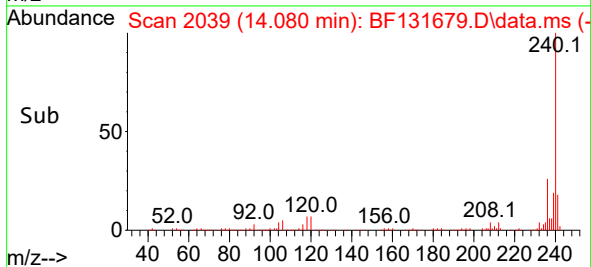
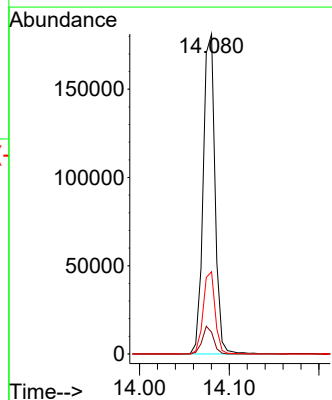
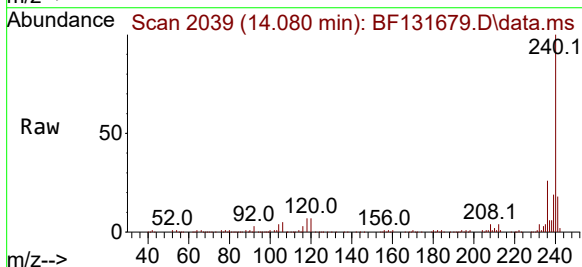
Instrument :
BNA_F
ClientSampleId :
RB-27-(5-7)

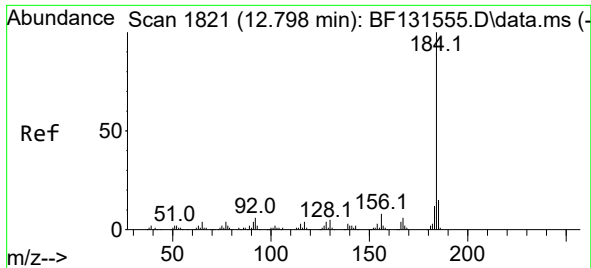
Tgt Ion:248 Resp: 12349
Ion Ratio Lower Upper
248 100
250 192.4 76.2 114.2#
141 489.4 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

Tgt Ion:240 Resp: 166396
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.7 20.2 30.2

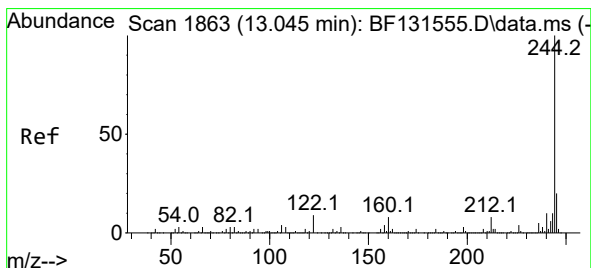
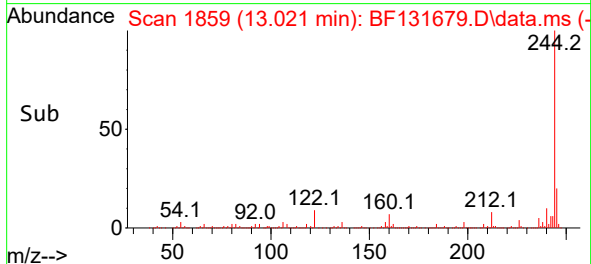
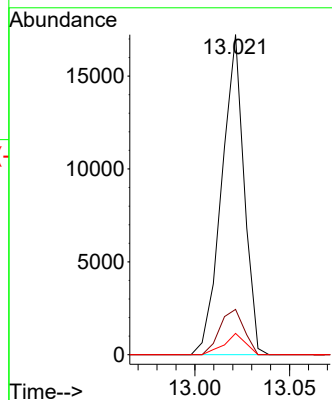
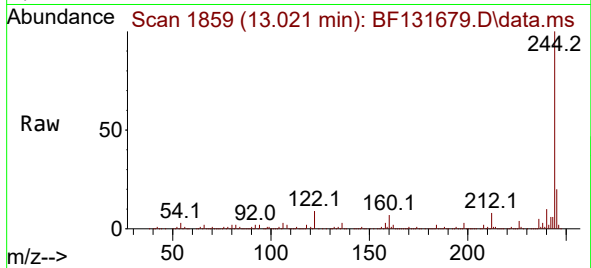




#77
Benzidine
Concen: 3.170 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

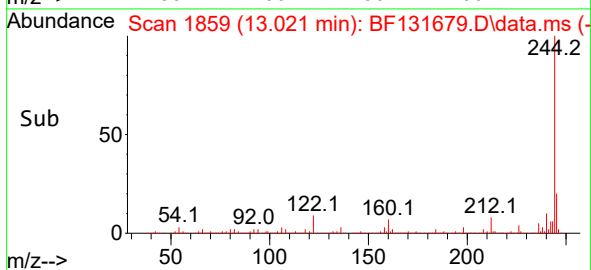
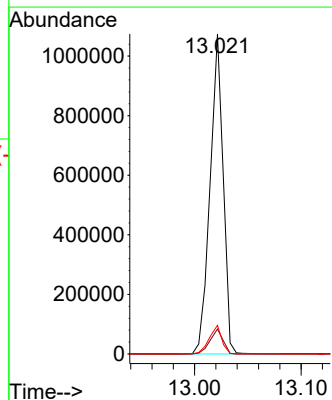
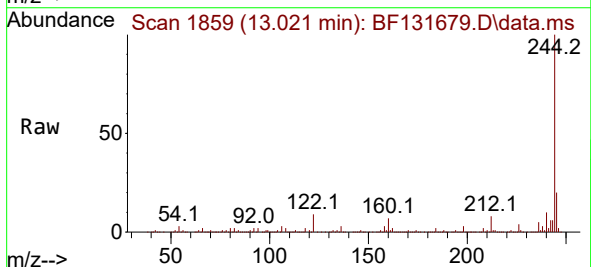
Instrument :
BNA_F
ClientSampleId :
RB-27-(5-7)

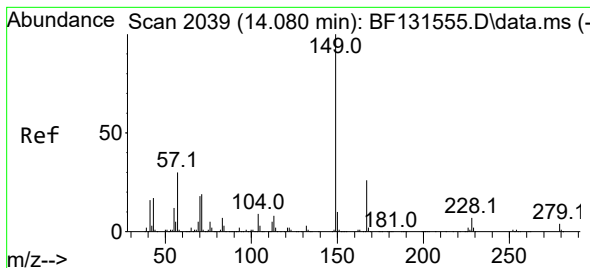
Tgt Ion:184 Resp: 14135
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 75.664 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF131679.D
Acq: 16 Dec 2022 22:01

Tgt Ion:244 Resp: 918048
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 9.0 7.1 10.7

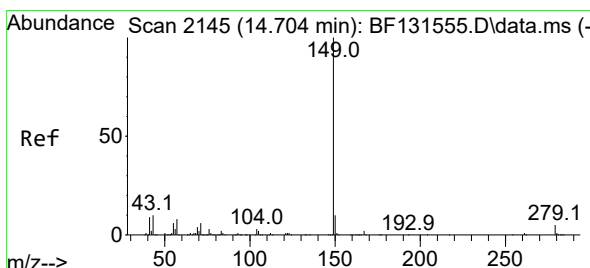
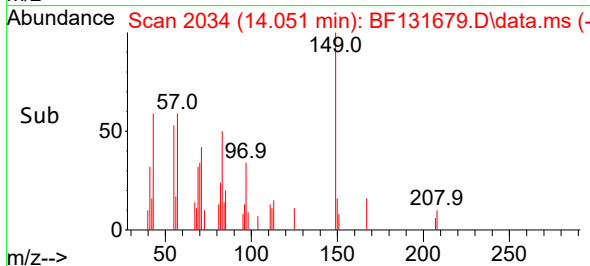
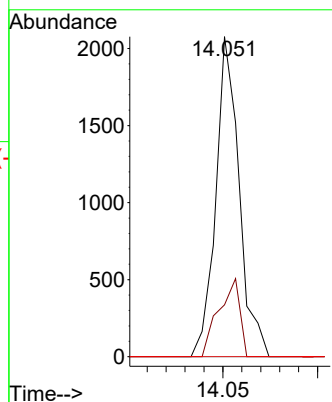
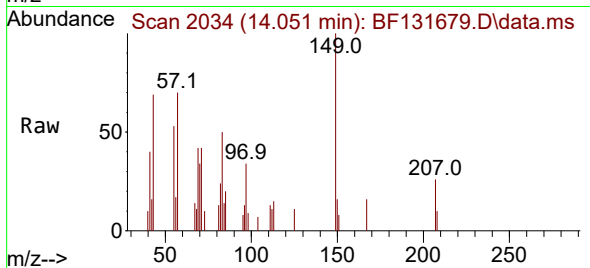




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.289 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131679.D
 Acq: 16 Dec 2022 22:01

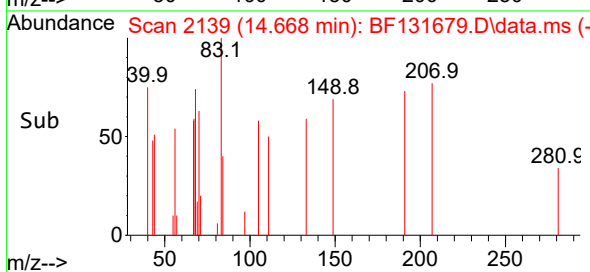
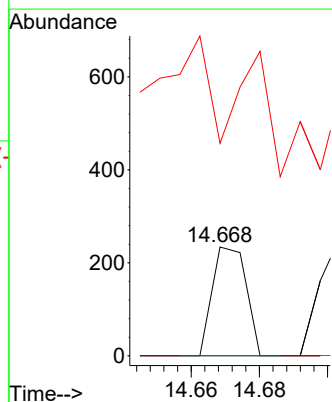
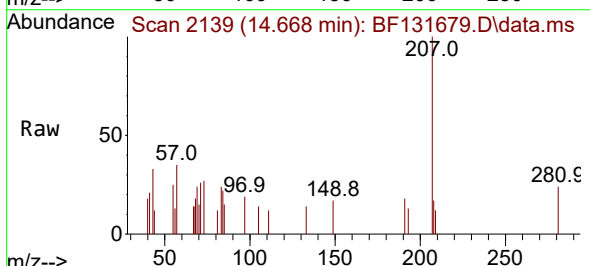
Instrument :
 BNA_F
 ClientSampleId :
 RB-27-(5-7)

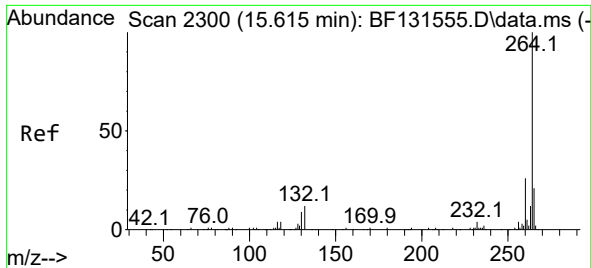
Tgt Ion:149 Resp: 1775
 Ion Ratio Lower Upper
 149 100
 167 16.2 20.8 31.2#
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.232 ng
 RT: 14.668 min Scan# 2139
 Delta R.T. -0.006 min
 Lab File: BF131679.D
 Acq: 16 Dec 2022 22:01

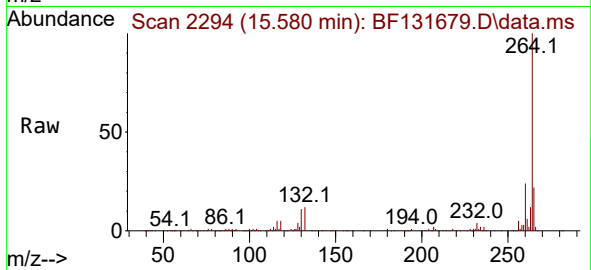
Tgt Ion:149 Resp: 161
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 252.8 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131679.D
 Acq: 16 Dec 2022 22:01

Instrument :
 BNA_F
 ClientSampleId :
 RB-27-(5-7)



Tgt Ion:264 Resp: 145735
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.6 30.8
 265 22.4 16.8 25.2

