

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131671.D
 Acq On : 16 Dec 2022 17:38
 Operator : CG\JU
 Sample : N6037-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-20-(7-9)

Quant Time: Dec 17 03:56:54 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)

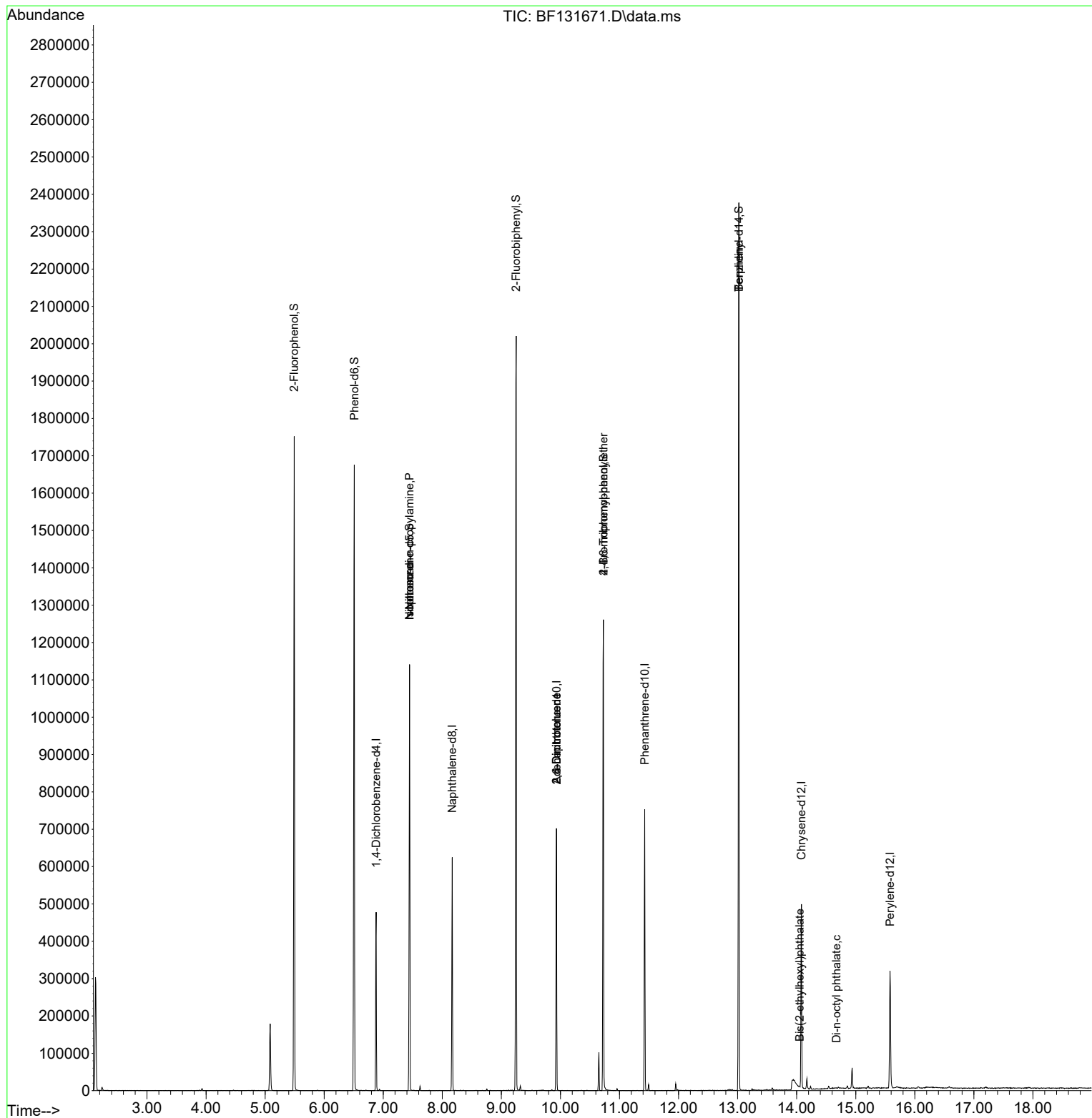
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65087	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	228412	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	128492	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	250384	20.000	ng	0.00
76) Chrysene-d12	14.080	240	165853	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	150002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	412010	105.605	ng	0.00
7) Phenol-d6	6.510	99	524550	102.601	ng	0.00
23) Nitrobenzene-d5	7.445	82	358876	59.401	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	136650	95.721	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	603625	59.233	ng	0.00
79) Terphenyl-d14	13.021	244	752455	62.219	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	49915	13.020	ng	# 75
25) Isophorone	7.445	82	358870	36.877	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	16086	7.955	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	16086	5.997	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	9577	2.973	ng	# 1
77) Benzidine	13.021	184	11427	2.571	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.051	149	708	3.135	ng	# 59
85) Di-n-octyl phthalate	14.674	149	243	5.239	ng	# 1

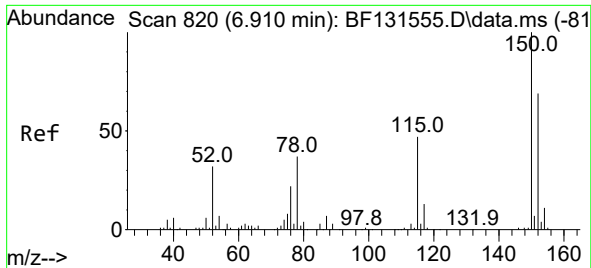
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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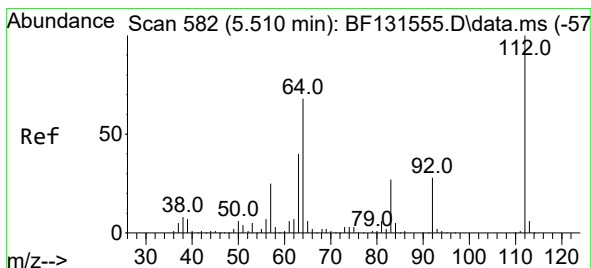
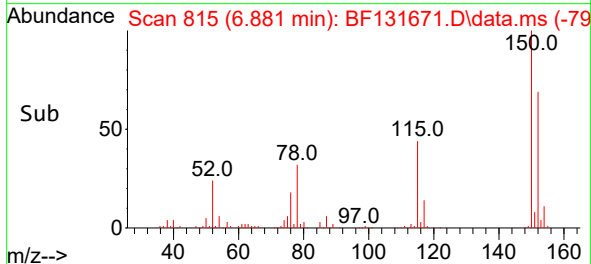
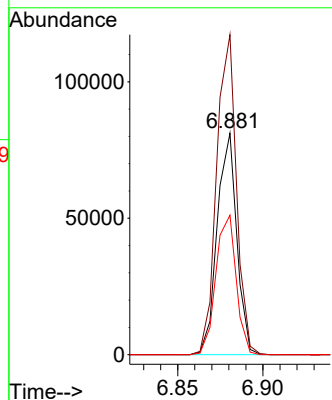
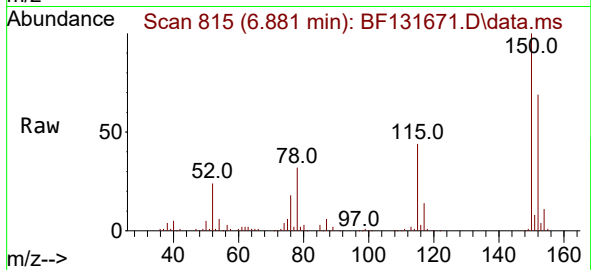




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131671.D
 Acq: 16 Dec 2022 17:38

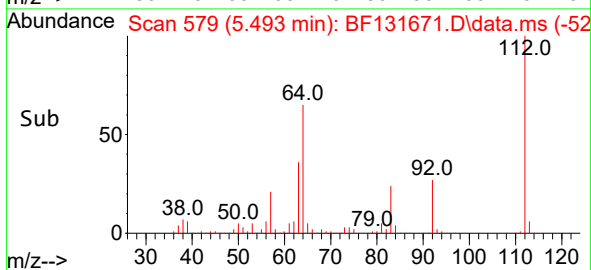
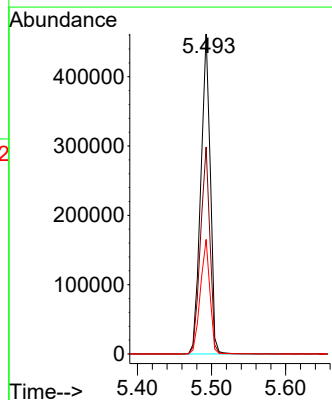
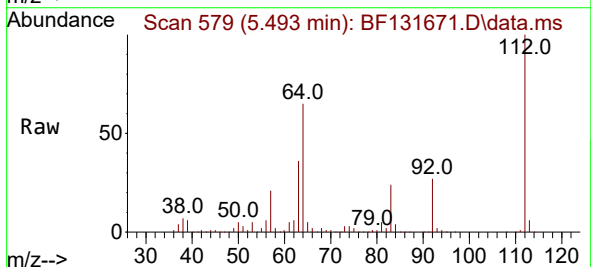
Instrument :
 BNA_F
 ClientSampleId :
 RB-20-(7-9)

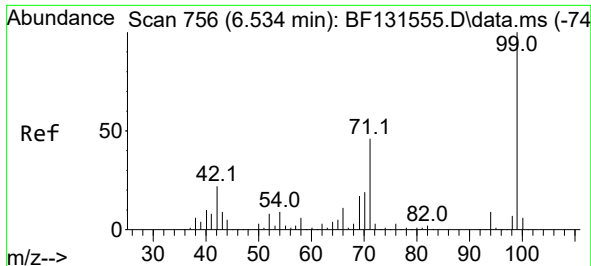
Tgt Ion:152 Resp: 65087
 Ion Ratio Lower Upper
 152 100
 150 144.5 116.7 175.1
 115 63.0 54.6 82.0



#5
 2-Fluorophenol
 Concen: 105.605 ng
 RT: 5.493 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF131671.D
 Acq: 16 Dec 2022 17:38

Tgt Ion:112 Resp: 412010
 Ion Ratio Lower Upper
 112 100
 64 64.7 54.5 81.7
 63 35.8 31.9 47.9

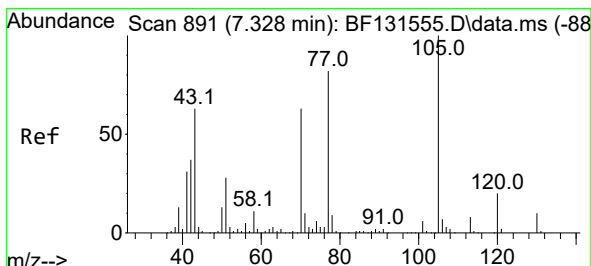
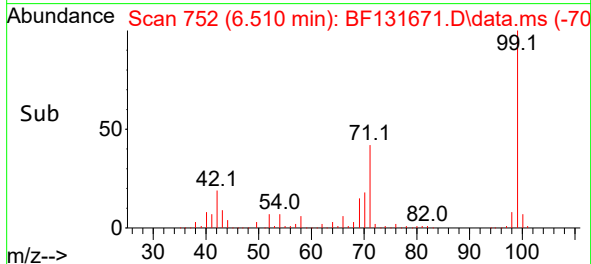
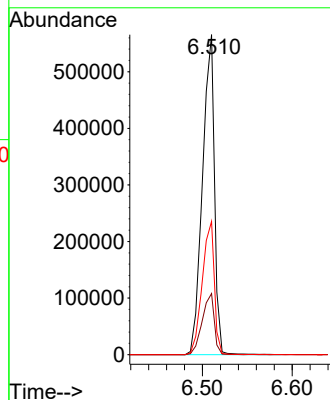
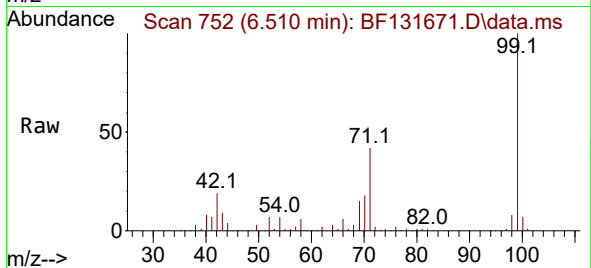




#7
Phenol-d6
Concen: 102.601 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

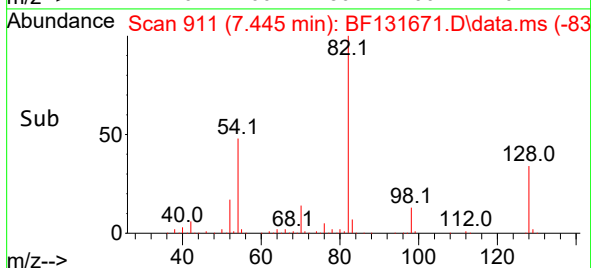
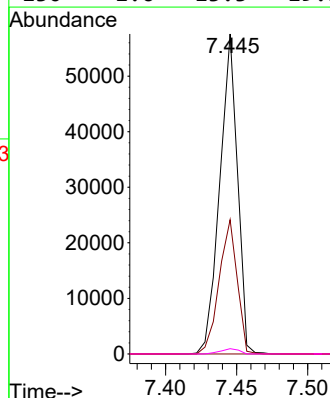
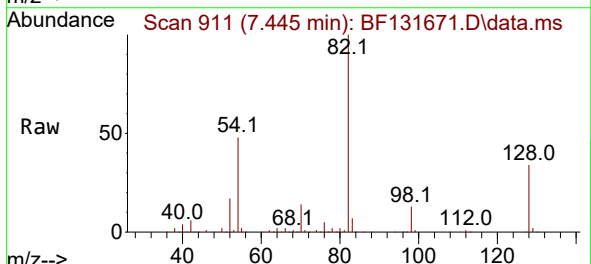
Instrument :
BNA_F
ClientSampleId :
RB-20-(7-9)

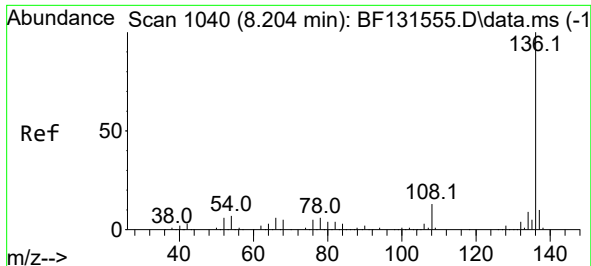
Tgt Ion: 99 Resp: 524550
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 41.7 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.020 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion: 70 Resp: 49915
Ion Ratio Lower Upper
70 100
42 41.9 46.4 69.6#
101 0.0 7.2 10.8#
130 1.6 13.3 19.9#

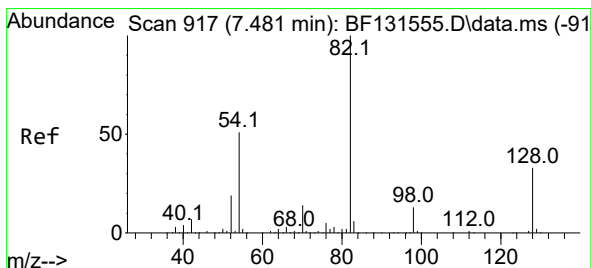
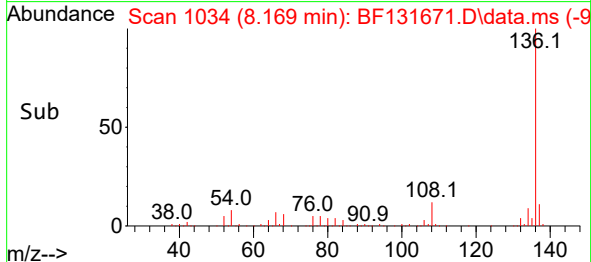
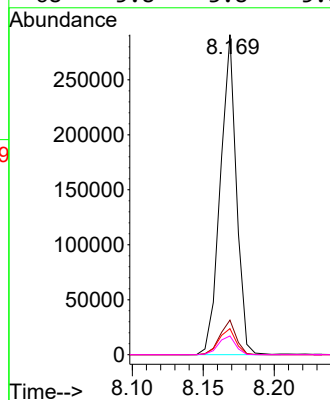
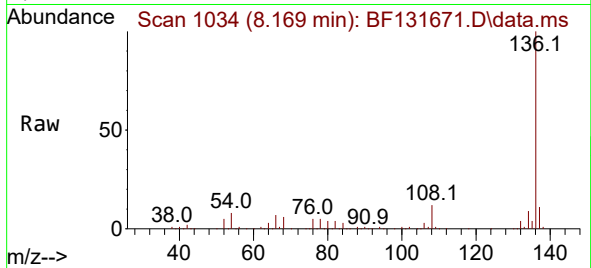




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

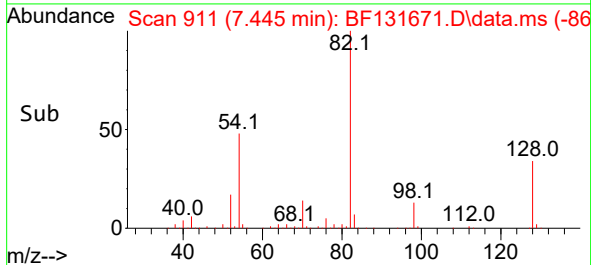
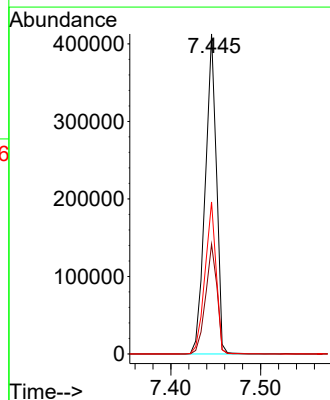
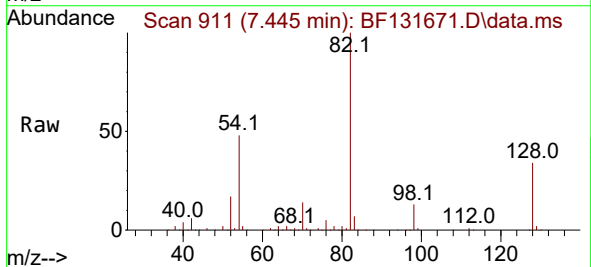
Instrument :
BNA_F
ClientSampleId :
RB-20-(7-9)

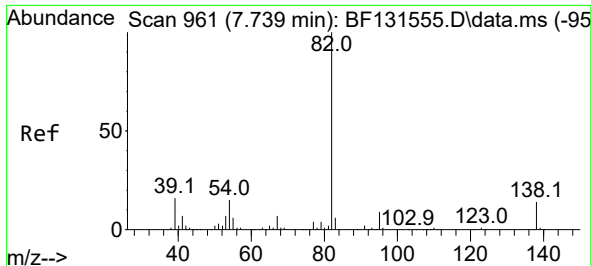
Tgt Ion:136 Resp: 228412
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.1 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 59.401 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion: 82 Resp: 358876
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 47.5 40.6 60.8

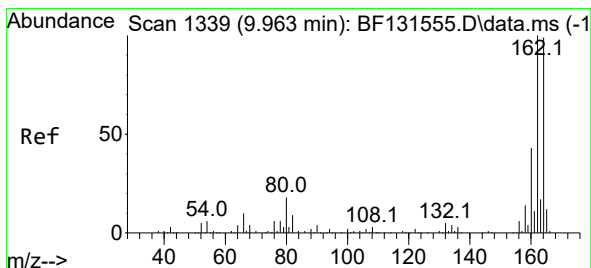
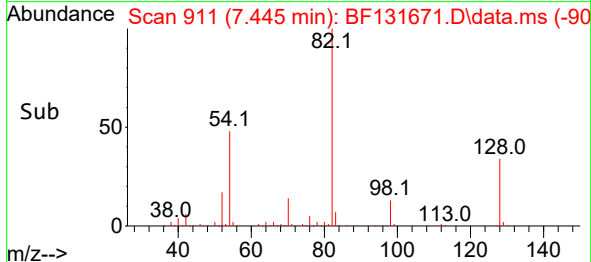
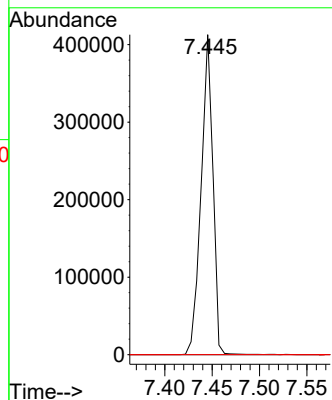
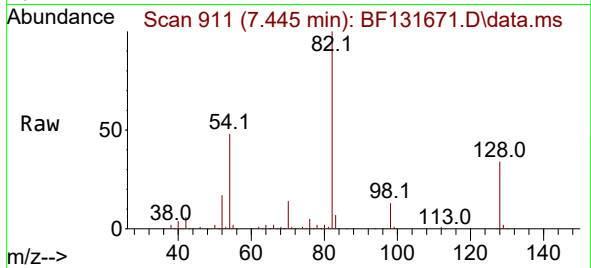




#25
Isophorone
Concen: 36.877 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

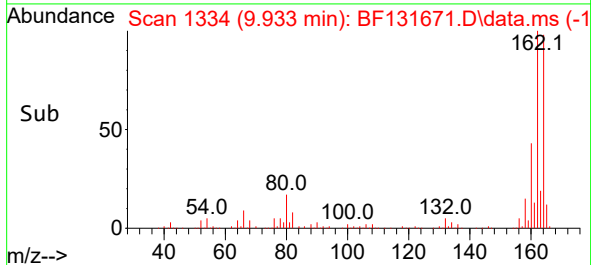
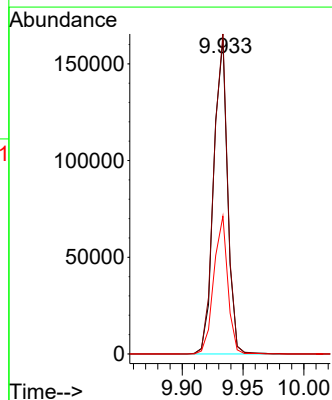
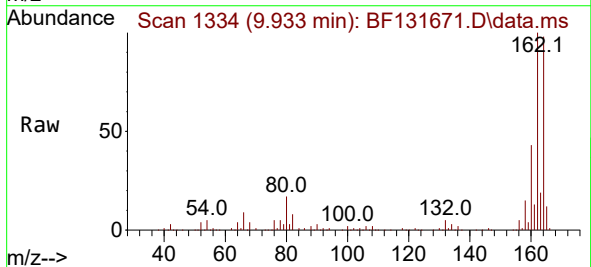
Instrument :
BNA_F
ClientSampleId :
RB-20-(7-9)

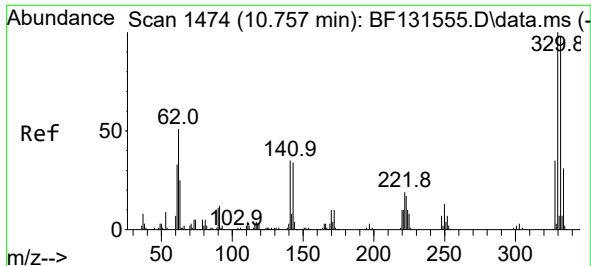
Tgt Ion: 82 Resp: 358870
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion: 164 Resp: 128492
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 43.8 35.0 52.6

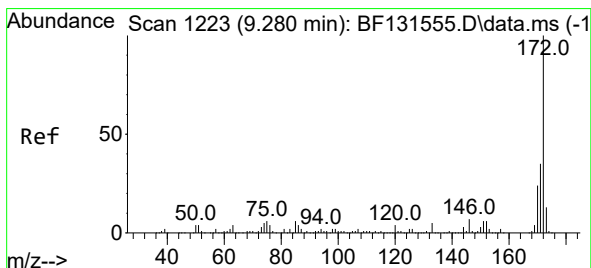
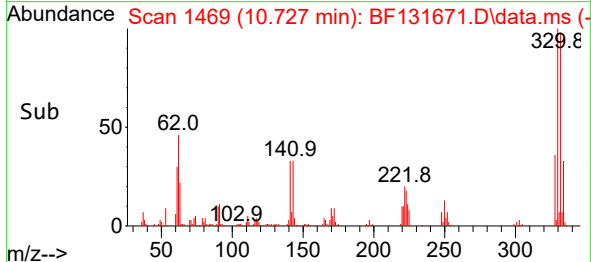
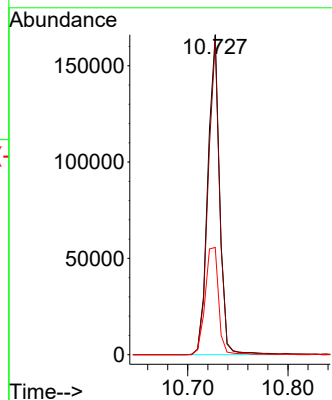
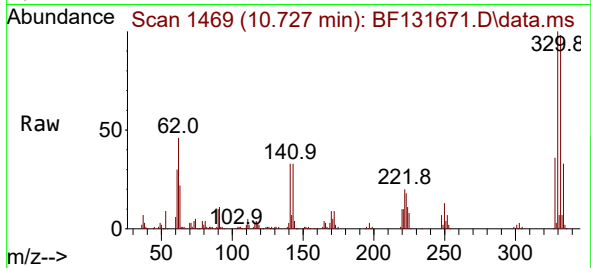




#42
2,4,6-Tribromophenol
Concen: 95.721 ng
RT: 10.727 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

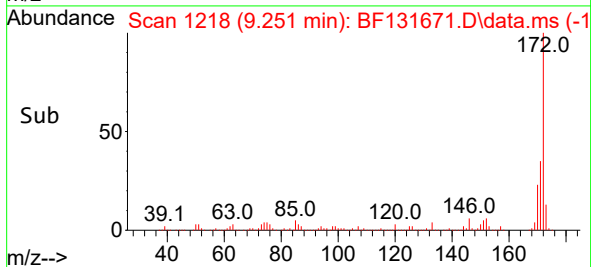
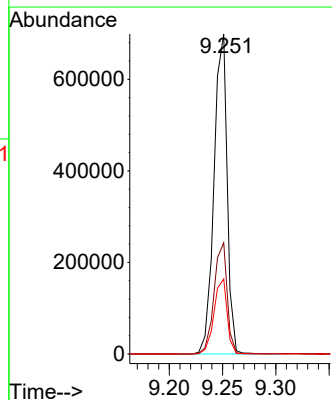
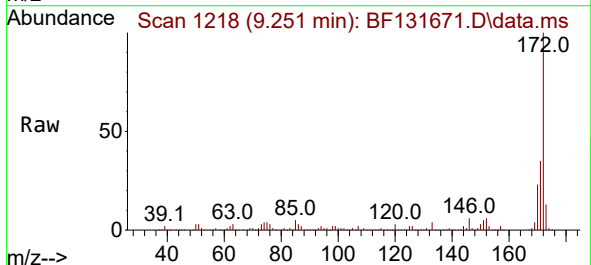
Instrument :
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ClientSampleId :
RB-20-(7-9)

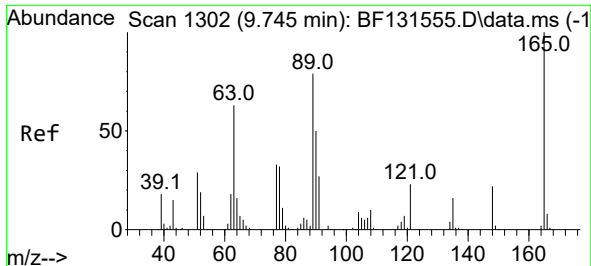
Tgt Ion:330 Resp: 136650
Ion Ratio Lower Upper
330 100
332 96.1 78.3 117.5
141 38.4 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 59.233 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion:172 Resp: 603625
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.4 19.3 28.9

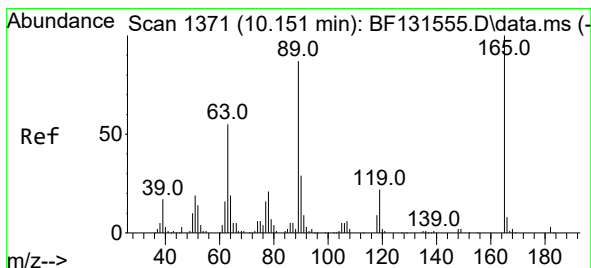
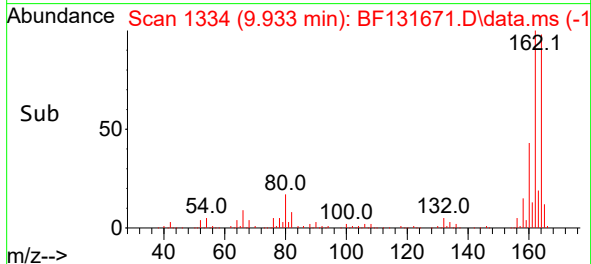
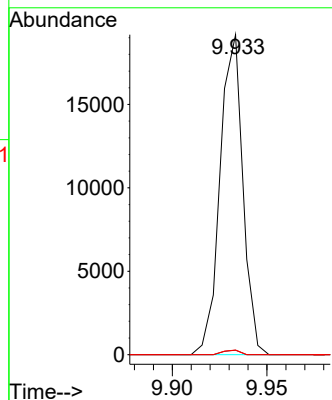
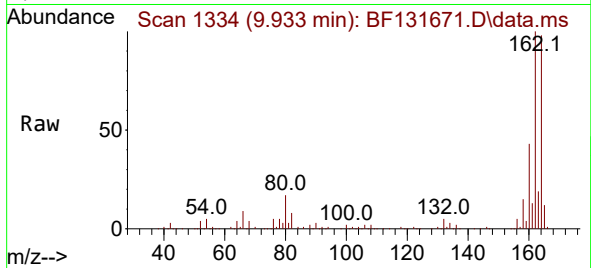




#51
2,6-Dinitrotoluene
Concen: 7.955 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

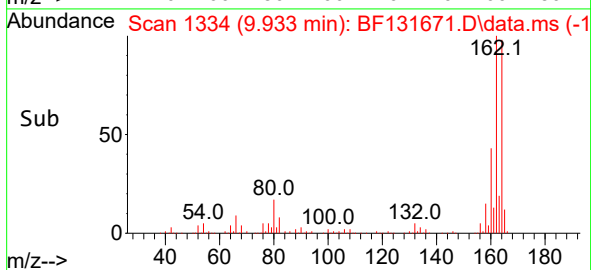
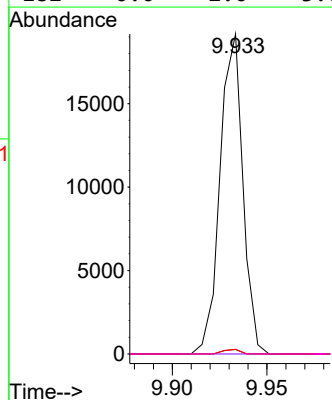
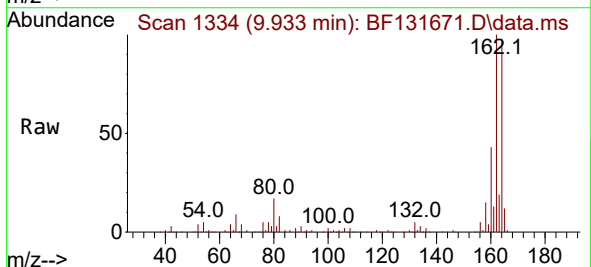
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RB-20-(7-9)

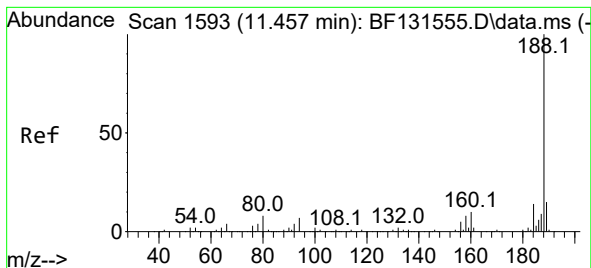
Tgt Ion:165 Resp: 16086
Ion Ratio Lower Upper
165 100
63 1.4 67.9 101.9#
89 1.5 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.997 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion:165 Resp: 16086
Ion Ratio Lower Upper
165 100
63 1.4 44.4 66.6#
89 1.5 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. 0.000 min

Lab File: BF131671.D

Acq: 16 Dec 2022 17:38

Instrument :

BNA_F

ClientSampleId :

RB-20-(7-9)

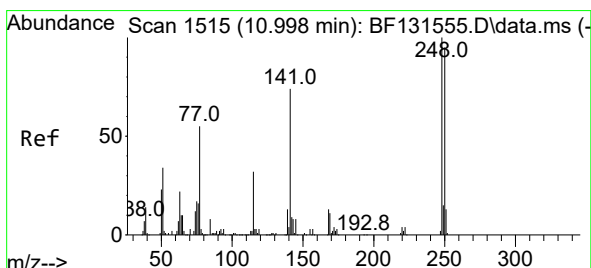
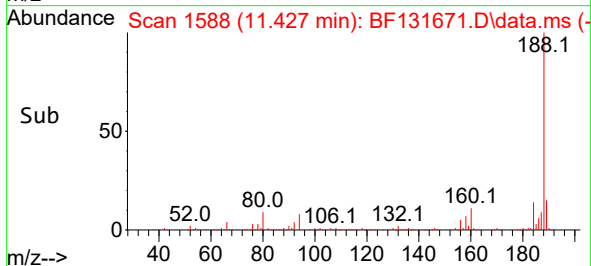
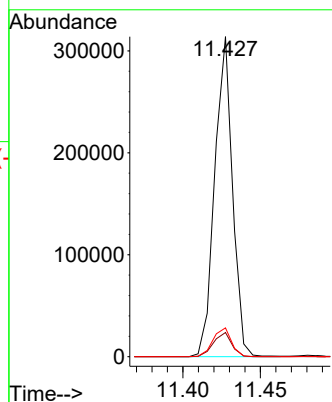
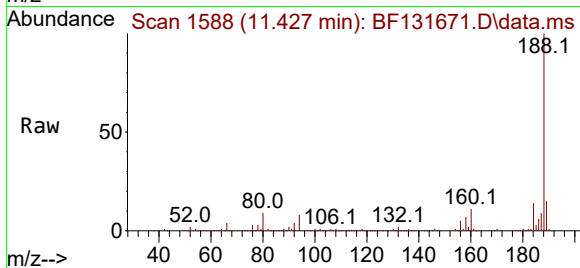
Tgt Ion:188 Resp: 250384

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 9.0 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 2.973 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.241 min

Lab File: BF131671.D

Acq: 16 Dec 2022 17:38

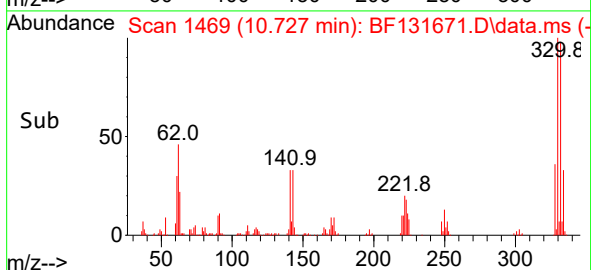
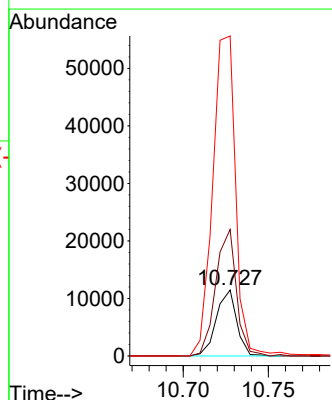
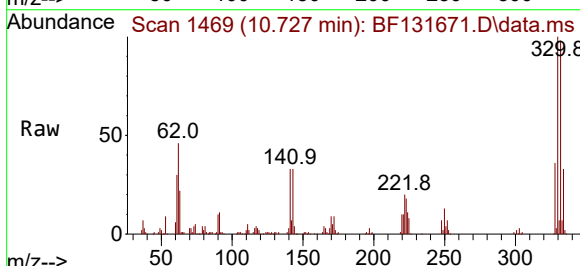
Tgt Ion:248 Resp: 9577

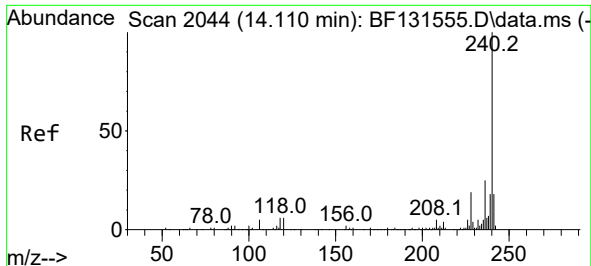
Ion Ratio Lower Upper

248 100

250 191.7 76.2 114.2#

141 484.9 59.5 89.3#

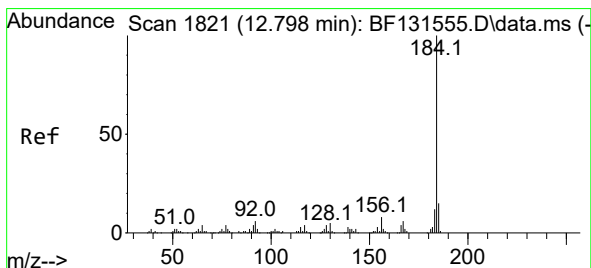
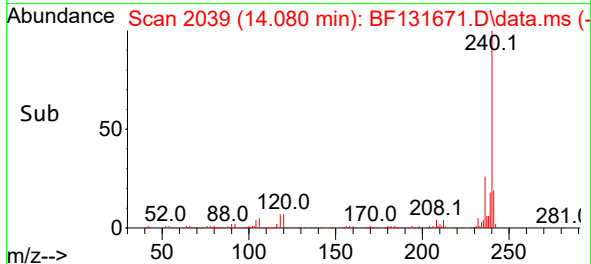
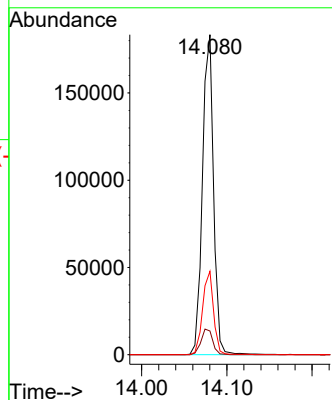
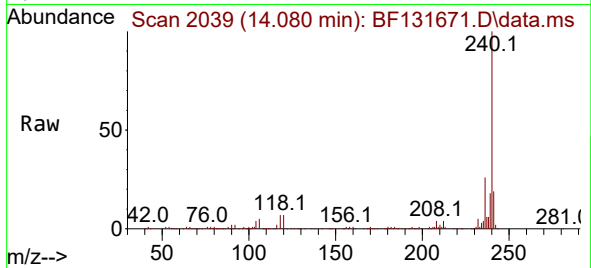




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

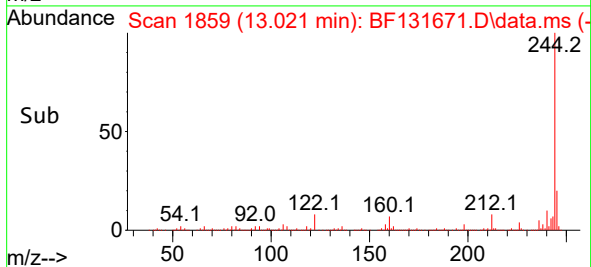
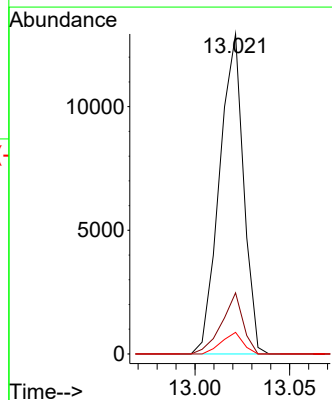
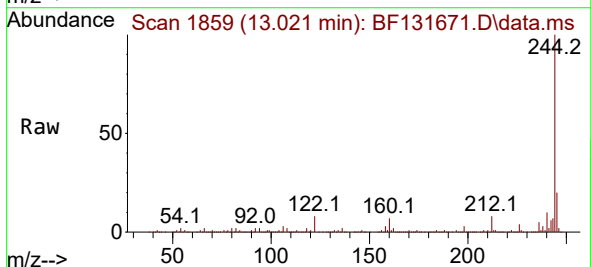
Instrument :
BNA_F
ClientSampleId :
RB-20-(7-9)

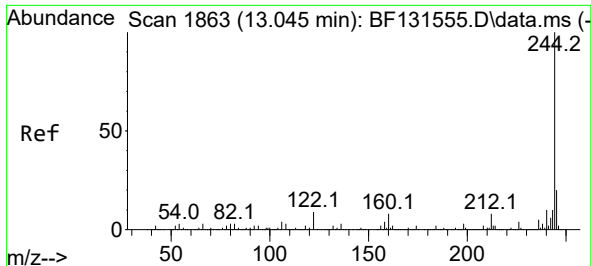
Tgt Ion:240 Resp: 165853
Ion Ratio Lower Upper
240 100
120 7.4 4.6 7.0#
236 26.1 20.2 30.2



#77
Benzidine
Concen: 2.571 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion:184 Resp: 11427
Ion Ratio Lower Upper
184 100
185 19.1 12.2 18.2#
183 6.8 9.3 13.9#

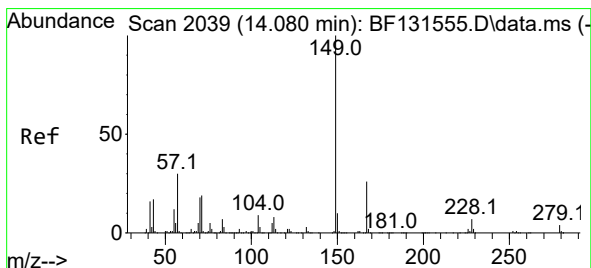
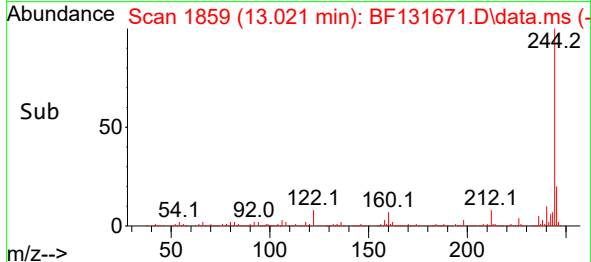
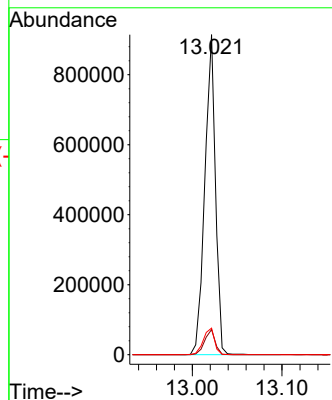
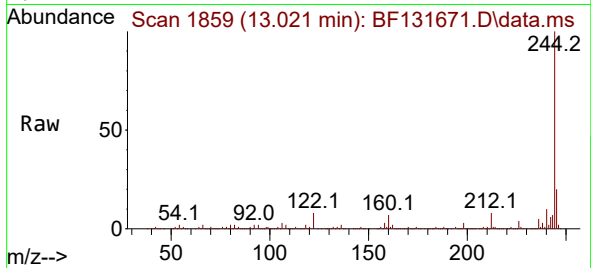




#79
 Terphenyl-d14
 Concen: 62.219 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131671.D
 Acq: 16 Dec 2022 17:38

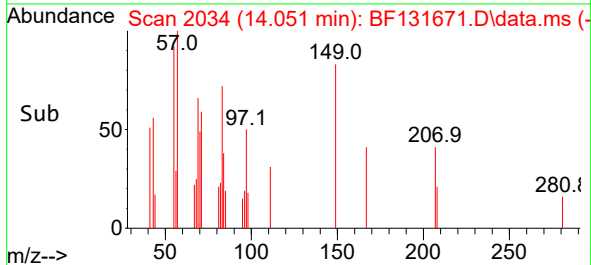
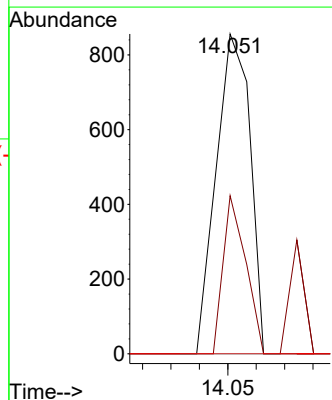
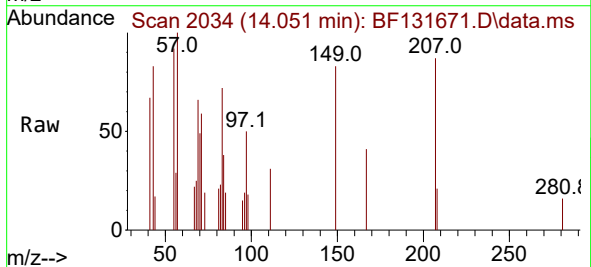
Instrument :
 BNA_F
 ClientSampleId :
 RB-20-(7-9)

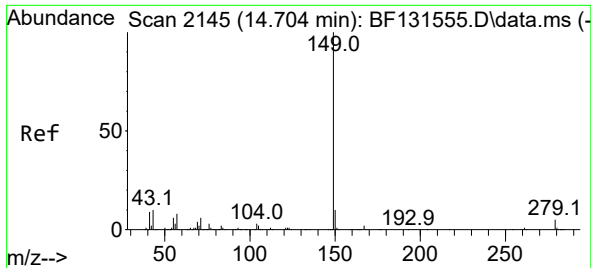
Tgt Ion:244 Resp: 752455
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.3 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.135 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131671.D
 Acq: 16 Dec 2022 17:38

Tgt Ion:149 Resp: 708
 Ion Ratio Lower Upper
 149 100
 167 49.4 20.8 31.2#
 279 0.0 3.3 4.9#

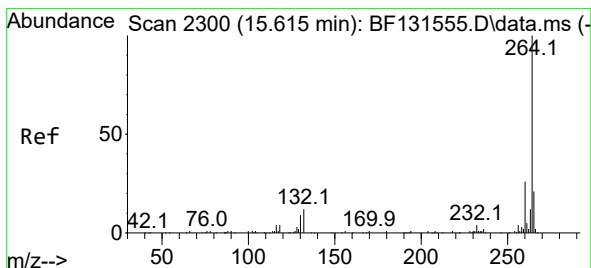
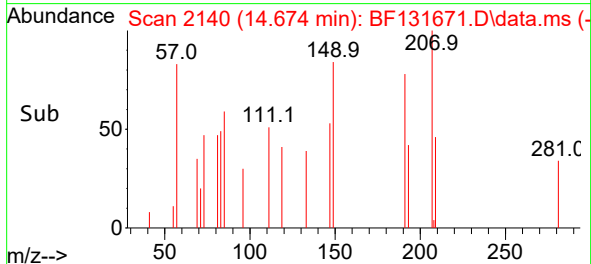
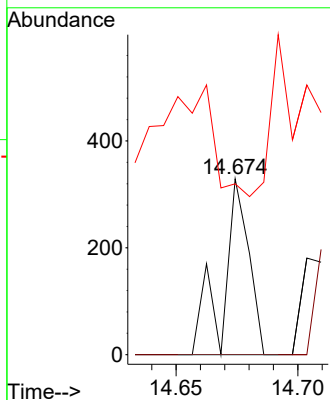
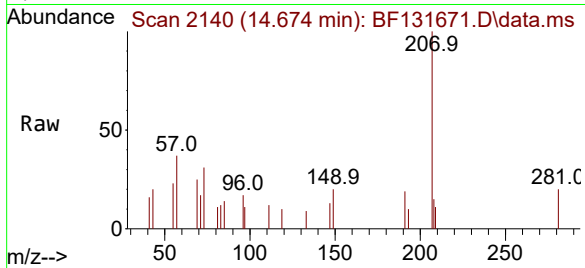




#85
Di-n-octyl phthalate
Concen: 5.239 ng
RT: 14.674 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Instrument :
BNA_F
ClientSampleId :
RB-20-(7-9)

Tgt Ion:149 Resp: 243
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 124.3 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion:264 Resp: 150002
Ion Ratio Lower Upper
264 100
260 23.7 20.6 30.8
265 22.4 16.8 25.2

