

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131664.D
 Acq On : 16 Dec 2022 13:45
 Operator : CG\JU
 Sample : N6038-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-31-(6.5-8.5)RE

Quant Time: Dec 16 16:58:07 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)

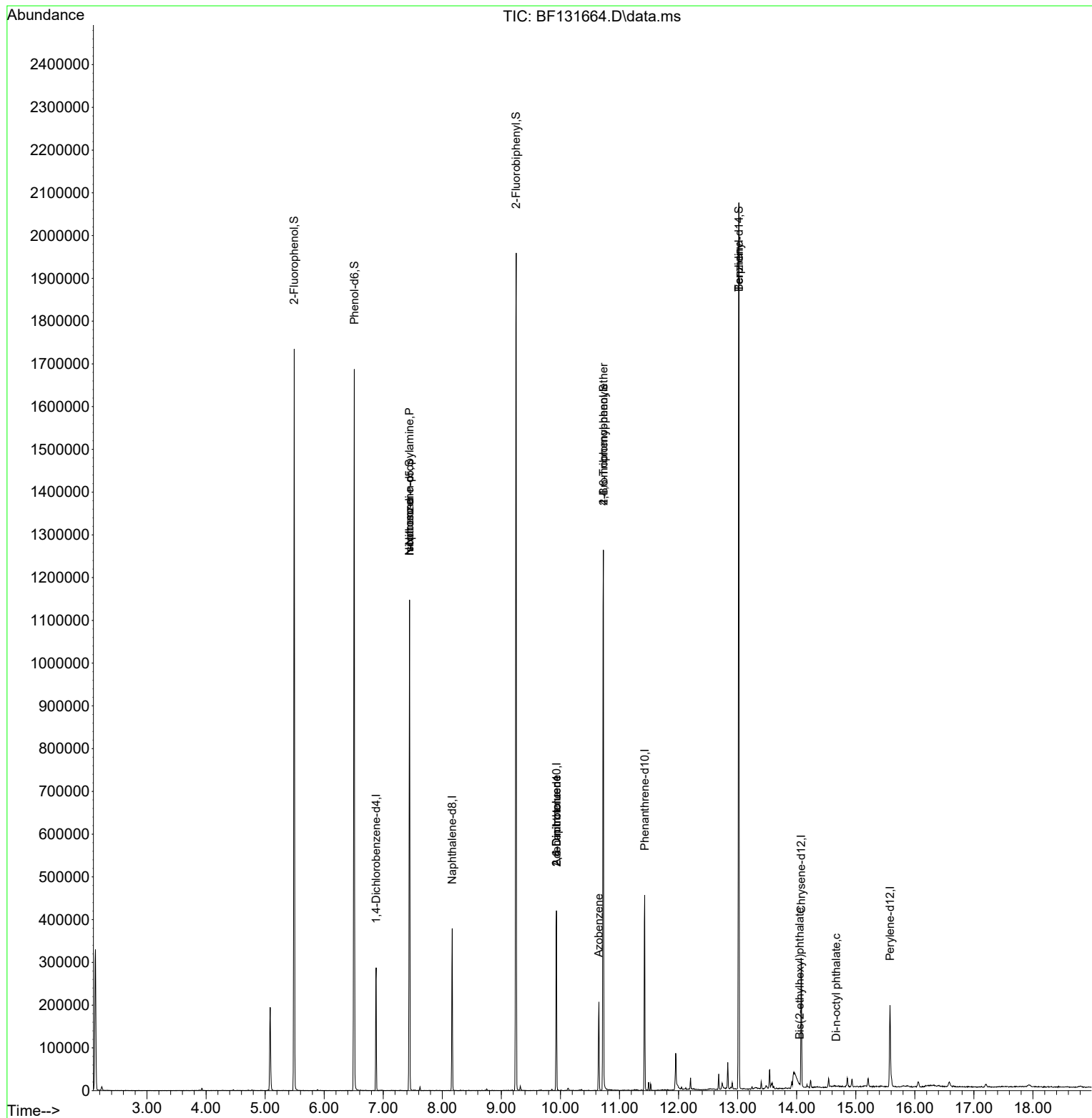
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	39471	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	142609	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	82963	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	160443	20.000	ng	0.00
76) Chrysene-d12	14.074	240	103618	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	91317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	401444	169.675	ng	0.00
7) Phenol-d6	6.510	99	512662	165.352	ng	0.00
23) Nitrobenzene-d5	7.445	82	355602	94.273	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	139304	151.131	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	591201	89.851	ng	0.00
79) Terphenyl-d14	13.021	244	661442	87.543	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	48469	20.848	ng	# 76
25) Isophorone	7.445	82	355598	58.527	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	10354	7.930	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	10354	5.978	ng	# 16
63) Azobenzene	10.651	77	38563	5.571	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	9860	4.777	ng	# 1
77) Benzidine	13.021	184	10315	3.715	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.051	149	596	3.171	ng	# 95
85) Di-n-octyl phthalate	14.668	149	303	5.260	ng	# 1

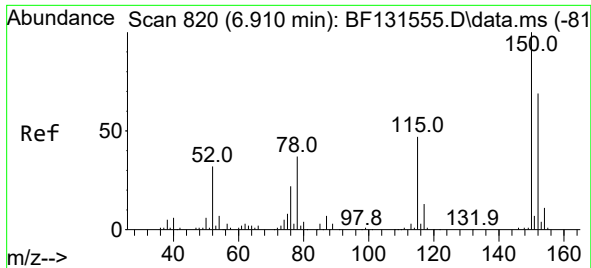
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RB-31-(6.5-8.5)RE

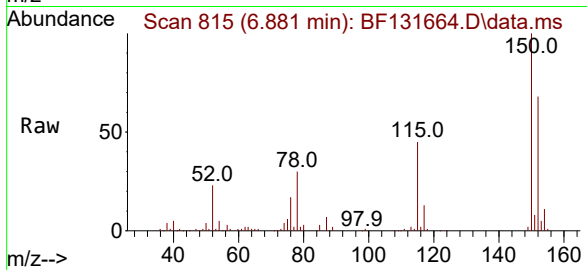
Quant Time: Dec 16 16:58:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
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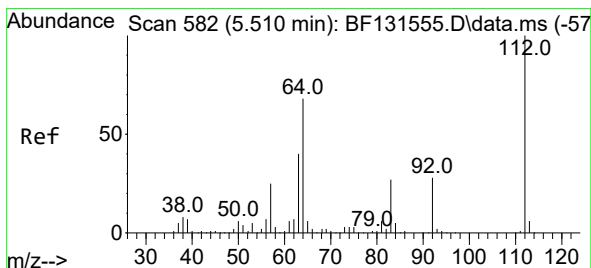
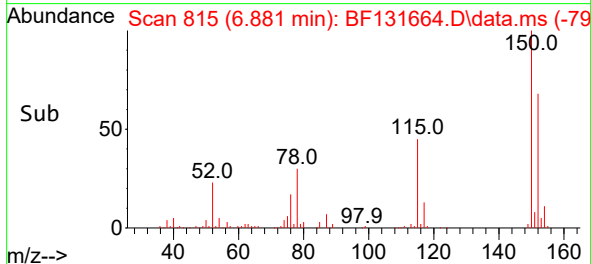
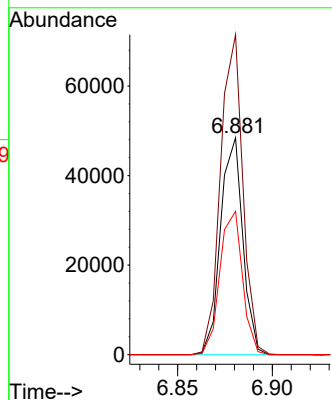


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)RE

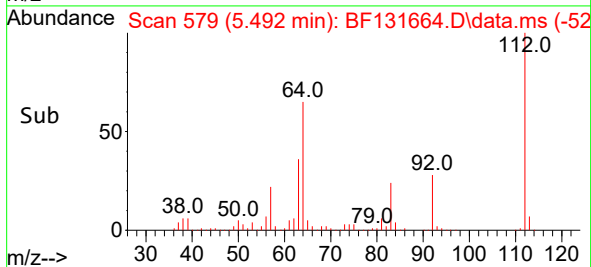
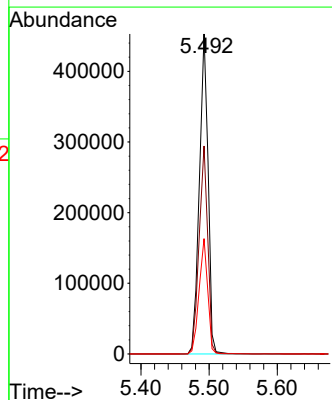
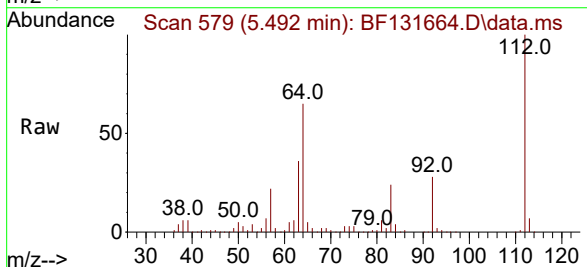


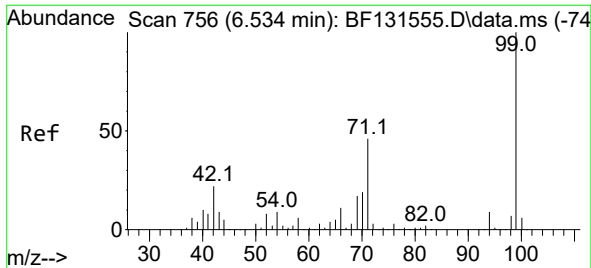
Tgt Ion:152 Resp: 39471
Ion Ratio Lower Upper
152 100
150 147.5 116.7 175.1
115 66.1 54.6 82.0



#5
2-Fluorophenol
Concen: 169.675 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Tgt Ion:112 Resp: 401444
Ion Ratio Lower Upper
112 100
64 65.0 54.5 81.7
63 36.0 31.9 47.9

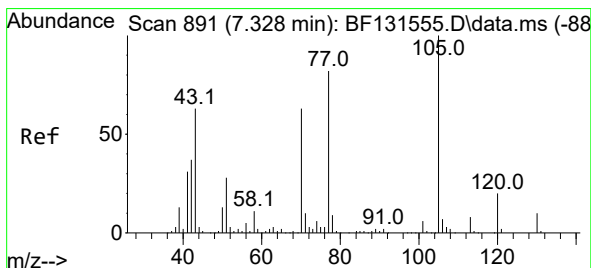
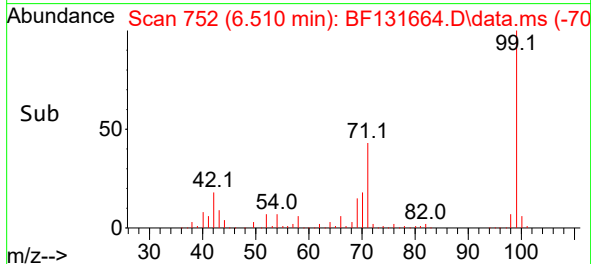
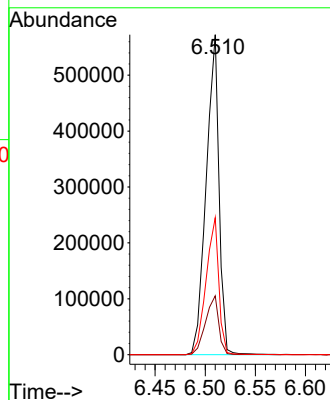
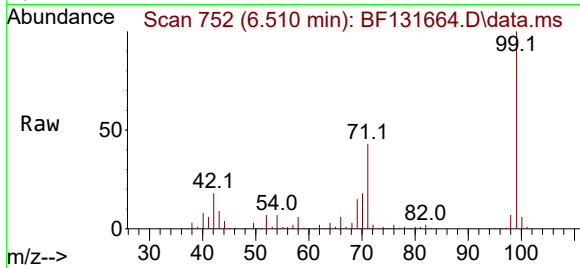




#7
Phenol-d6
Concen: 165.352 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

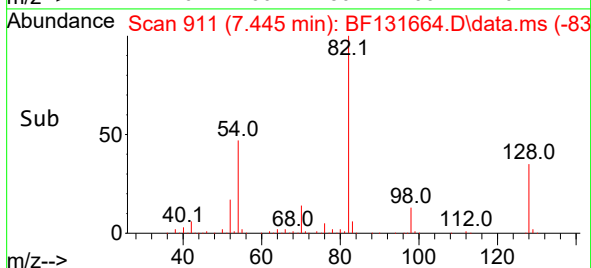
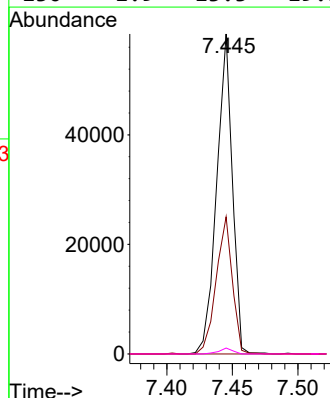
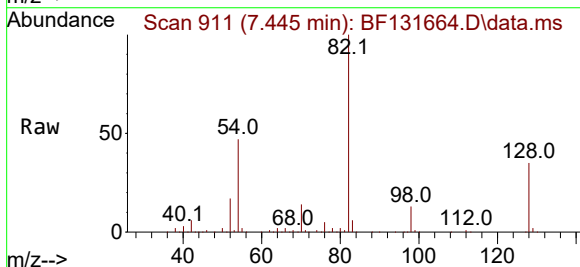
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)RE

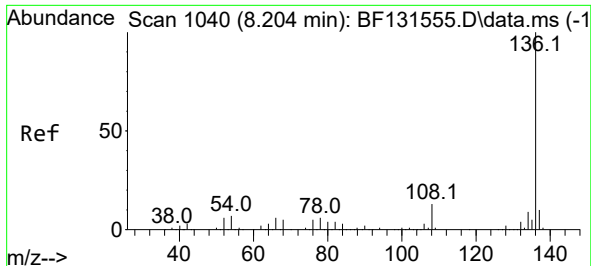
Tgt Ion: 99 Resp: 512662
Ion Ratio Lower Upper
99 100
42 18.4 17.9 26.9
71 42.8 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.848 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

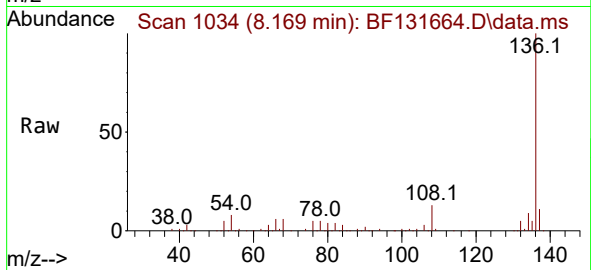
Tgt Ion: 70 Resp: 48469
Ion Ratio Lower Upper
70 100
42 42.9 46.4 69.6#
101 0.0 7.2 10.8#
130 1.9 13.3 19.9#



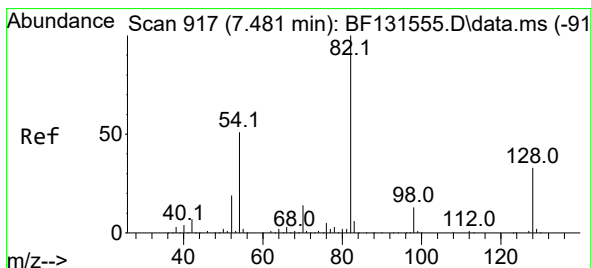
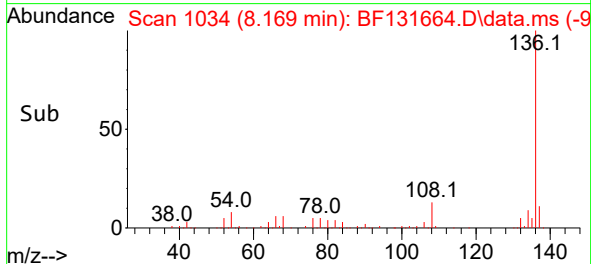
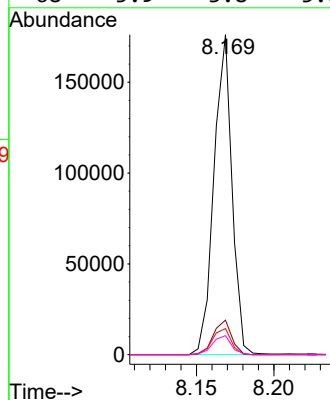


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)RE

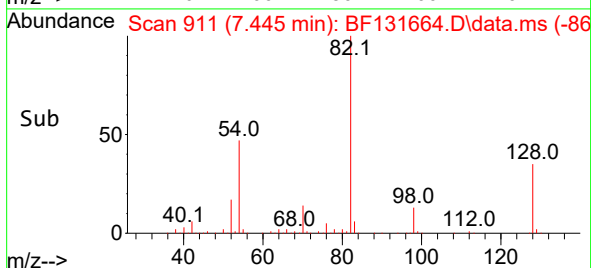
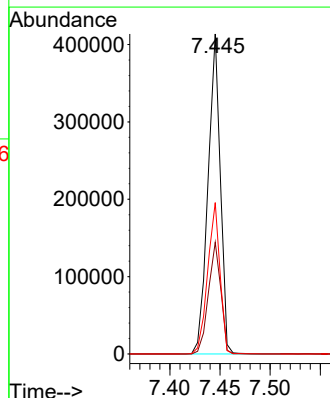
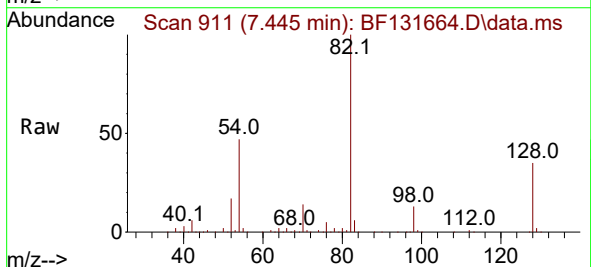


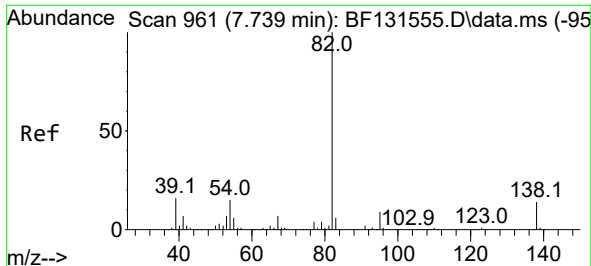
Tgt Ion:136 Resp: 142609
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.2 6.0 9.0
68 5.9 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 94.273 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Tgt Ion: 82 Resp: 355602
Ion Ratio Lower Upper
82 100
128 34.9 26.1 39.1
54 47.3 40.6 60.8

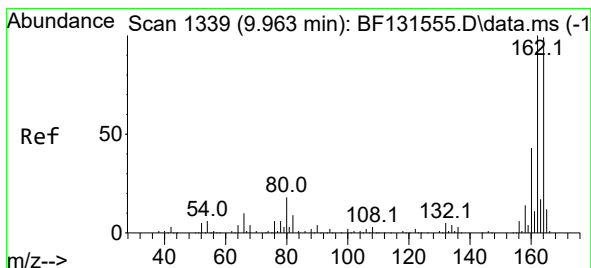
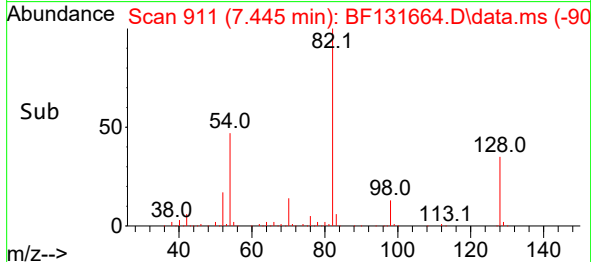
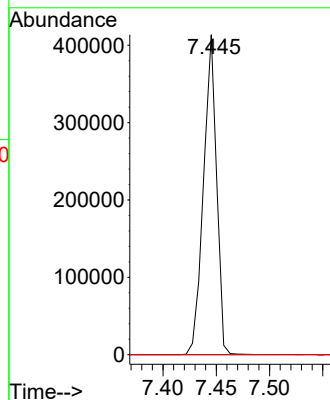
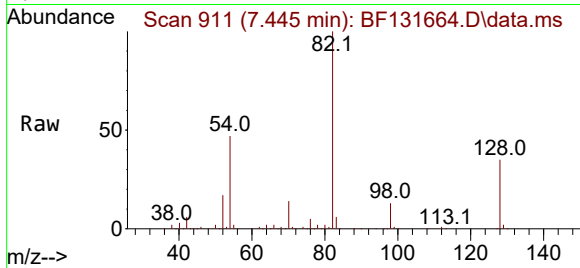




#25
Isophorone
Concen: 58.527 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

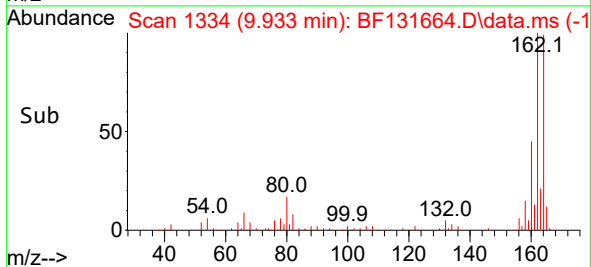
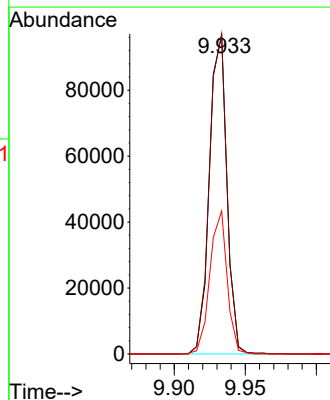
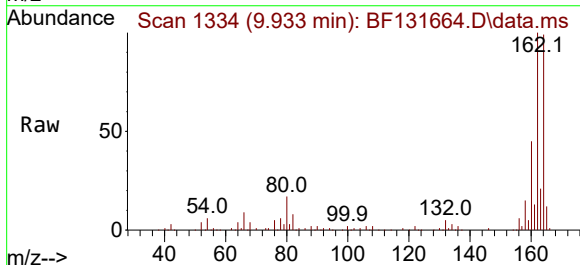
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)RE

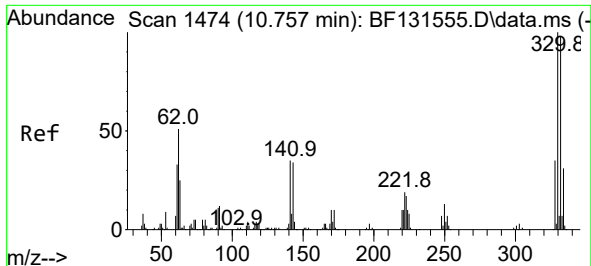
Tgt Ion: 82 Resp: 355598
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Tgt Ion:164 Resp: 82963
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.6
160 45.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 151.131 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131664.D

Acq: 16 Dec 2022 13:45

Instrument :

BNA_F

ClientSampleId :

RB-31-(6.5-8.5)RE

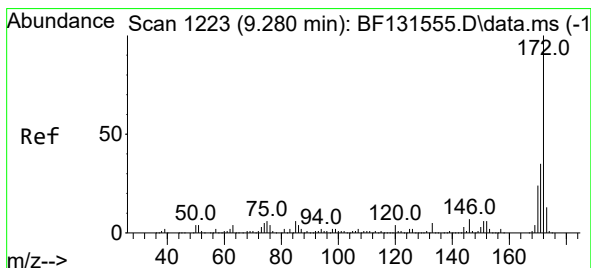
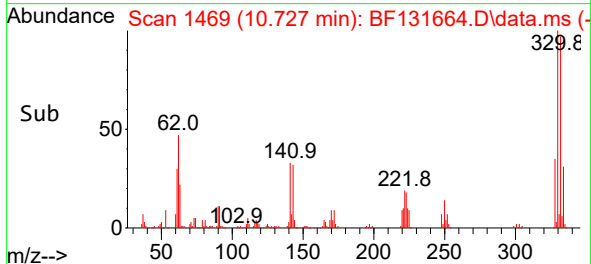
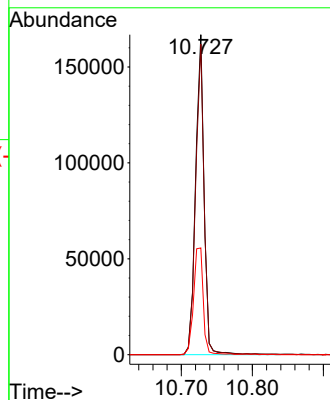
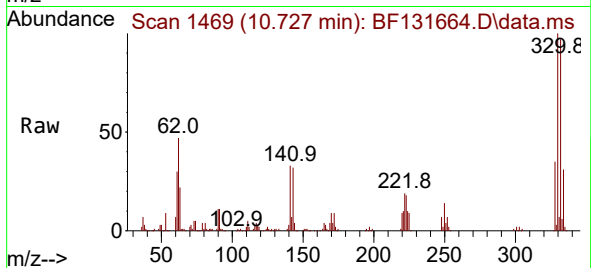
Tgt Ion:330 Resp: 139304

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

141 37.9 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 89.851 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131664.D

Acq: 16 Dec 2022 13:45

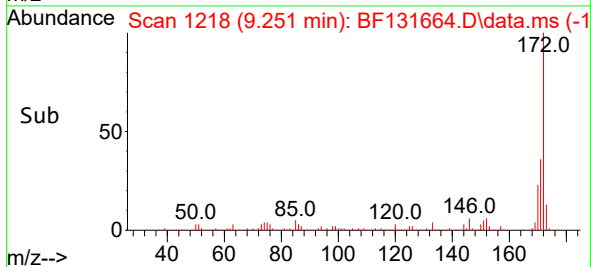
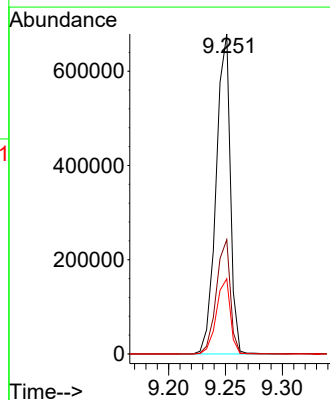
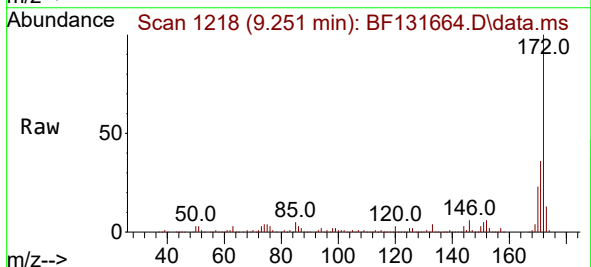
Tgt Ion:172 Resp: 591201

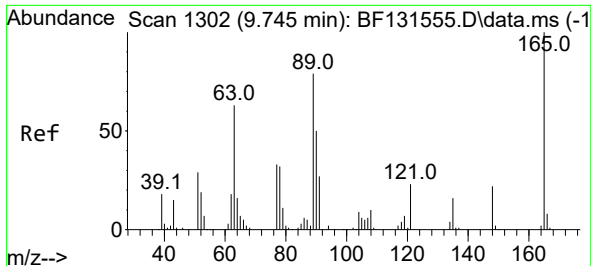
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 19.3 28.9

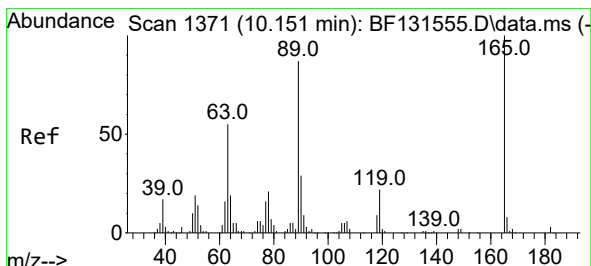
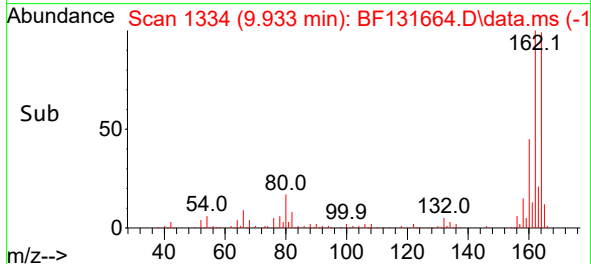
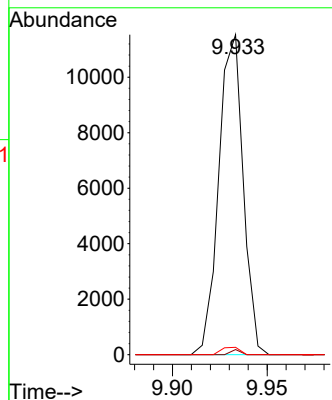
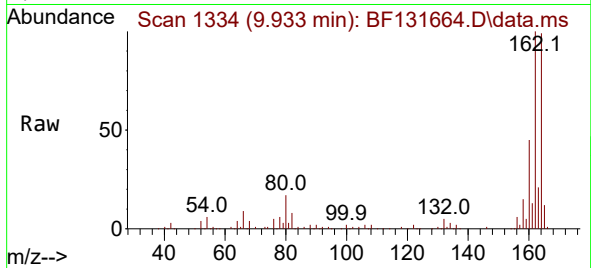




#51
2,6-Dinitrotoluene
Concen: 7.930 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

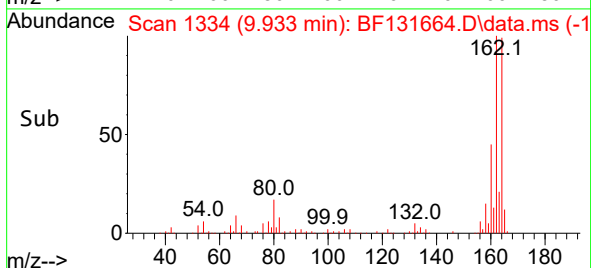
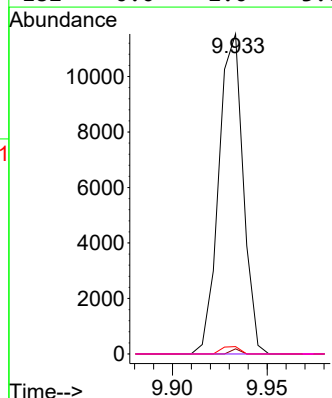
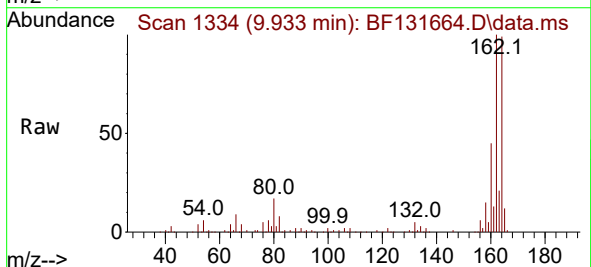
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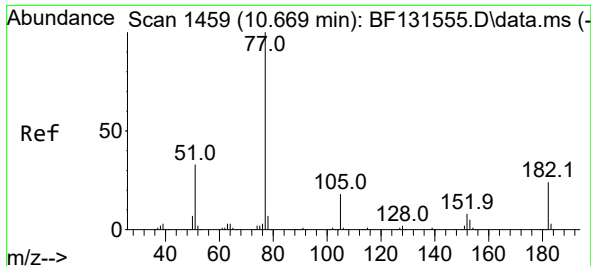
Tgt Ion:165 Resp: 10354
Ion Ratio Lower Upper
165 100
63 1.6 67.9 101.9#
89 2.3 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Tgt Ion:165 Resp: 10354
Ion Ratio Lower Upper
165 100
63 1.6 44.4 66.6#
89 2.3 69.6 104.4#
182 0.0 2.0 3.0#

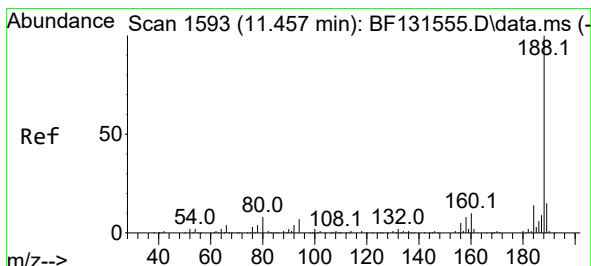
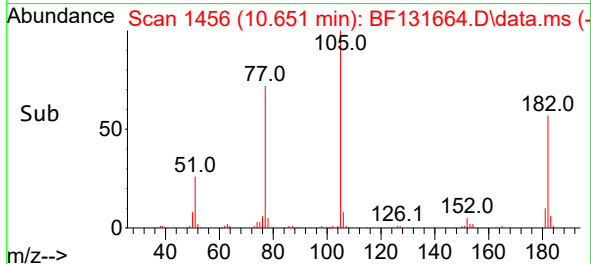
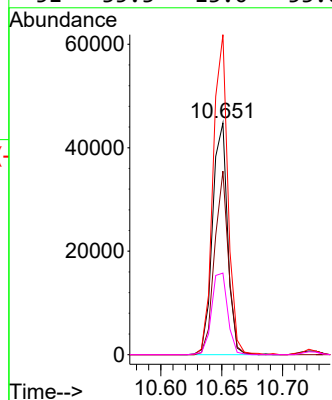
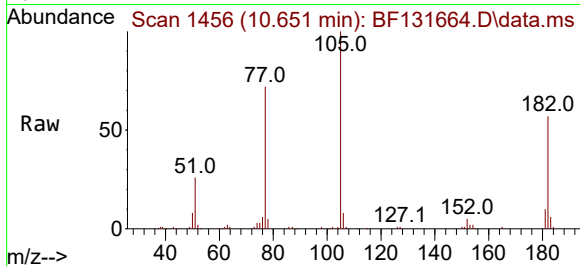




#63
Azobenzene
Concen: 5.571 ng
RT: 10.651 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

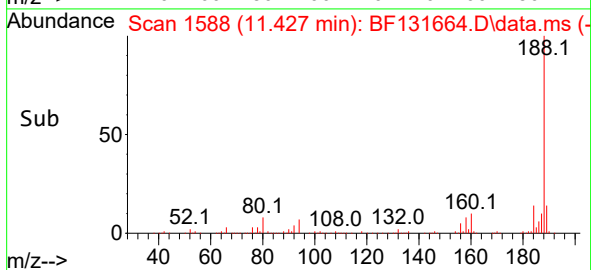
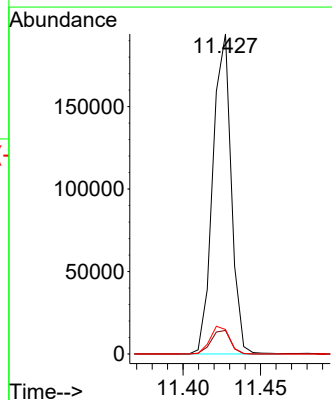
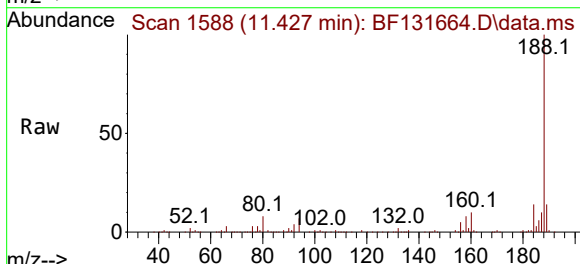
Instrument :
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RB-31-(6.5-8.5)RE

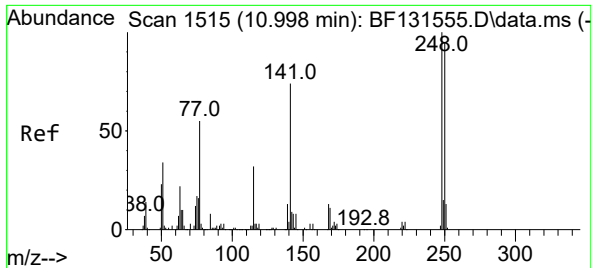
Tgt Ion: 77	Resp: 38563
Ion Ratio	Lower Upper
77 100	
182 79.2	3.9 43.9#
105 138.1	0.0 38.3#
51 35.3	13.0 53.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Tgt Ion: 188	Resp: 160443
Ion Ratio	Lower Upper
188 100	
94 7.4	5.5 8.3
80 7.7	6.6 10.0

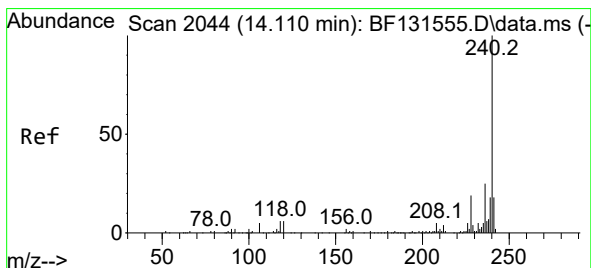
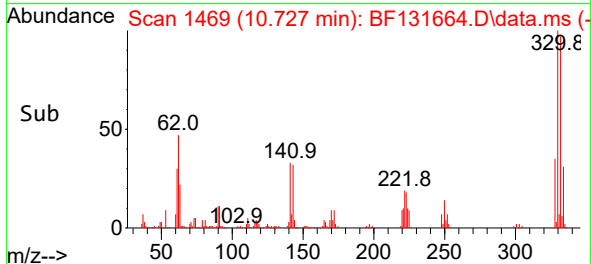
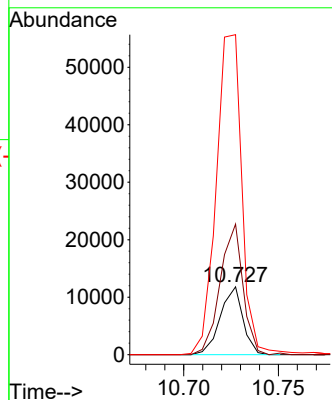
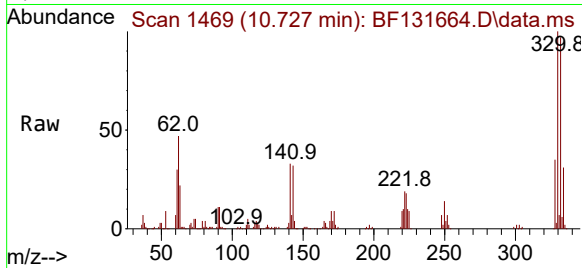




#67
4-Bromophenyl-phenylether
Concen: 4.777 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

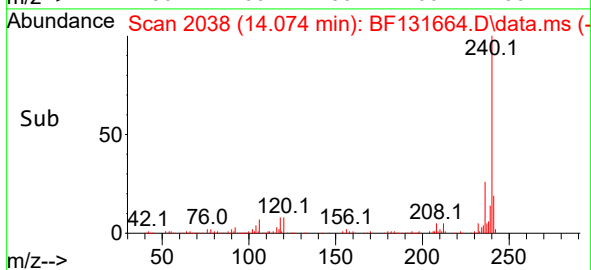
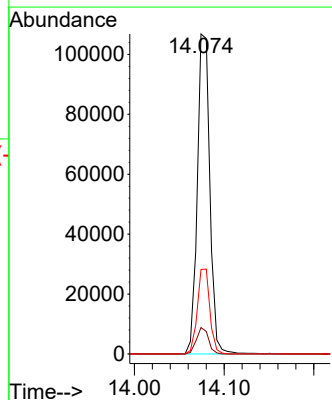
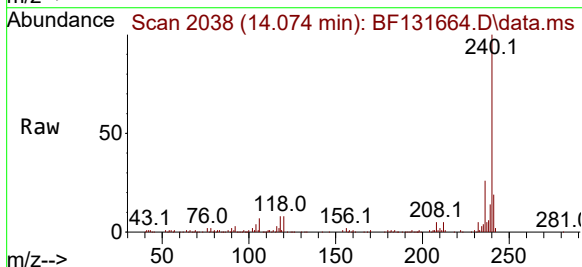
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)RE

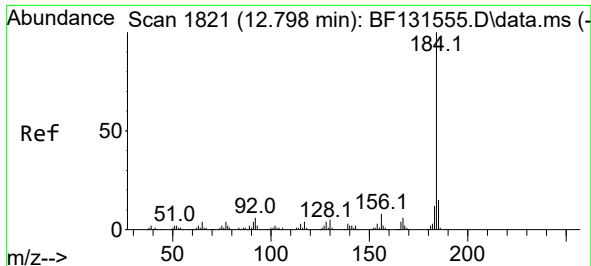
Tgt Ion:248 Resp: 9860
Ion Ratio Lower Upper
248 100
250 192.5 76.2 114.2#
141 471.8 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Tgt Ion:240 Resp: 103618
Ion Ratio Lower Upper
240 100
120 8.2 4.6 7.0#
236 26.4 20.2 30.2

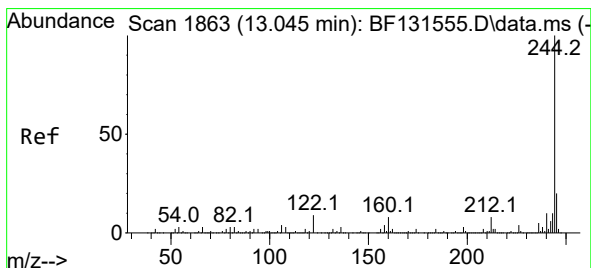
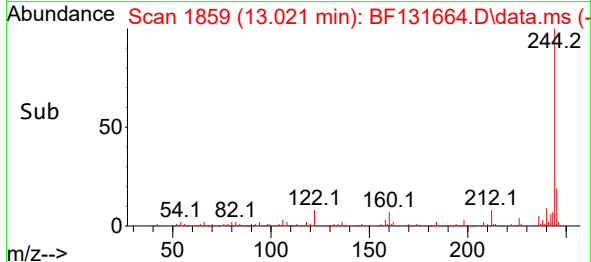
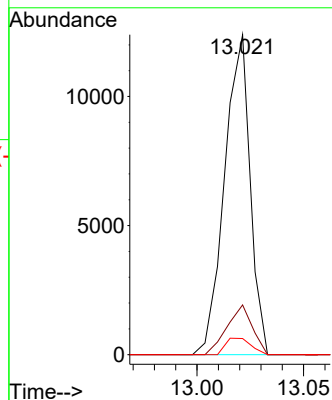
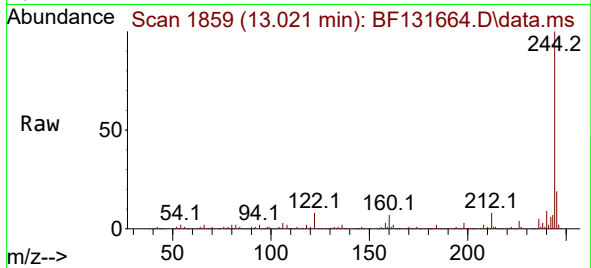




#77
Benzidine
Concen: 3.715 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

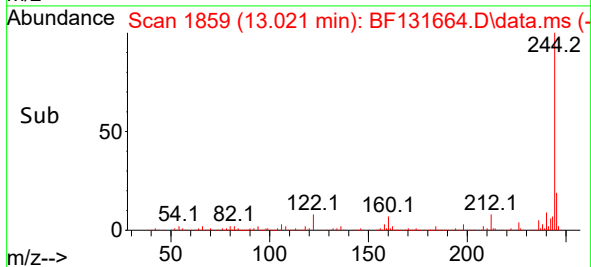
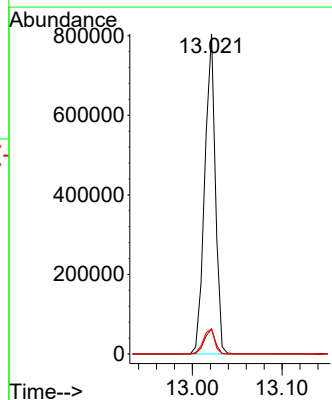
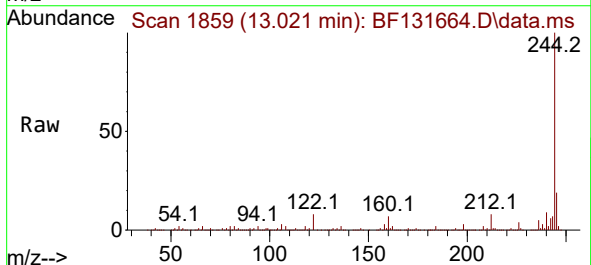
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)RE

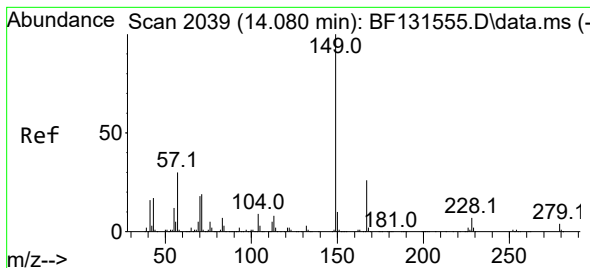
Tgt Ion:184 Resp: 10315
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 5.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 87.543 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF131664.D
Acq: 16 Dec 2022 13:45

Tgt Ion:244 Resp: 661442
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 7.8 7.1 10.7

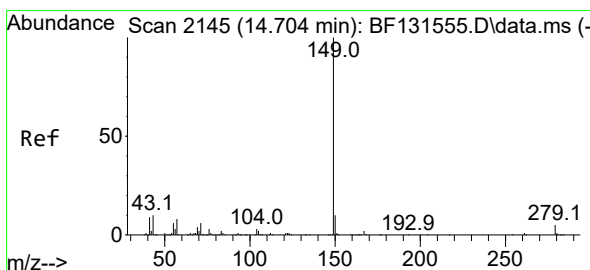
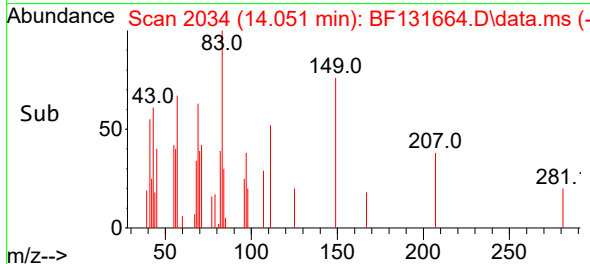
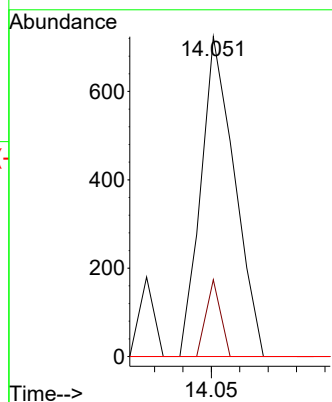
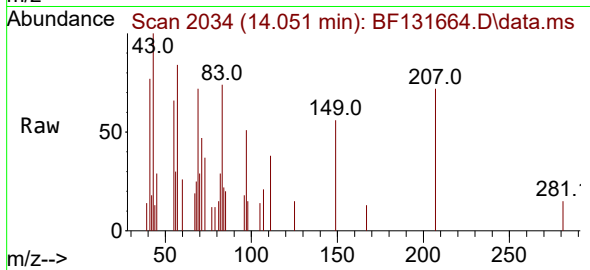




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.171 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131664.D
 Acq: 16 Dec 2022 13:45

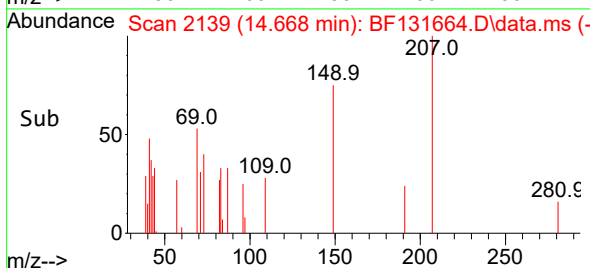
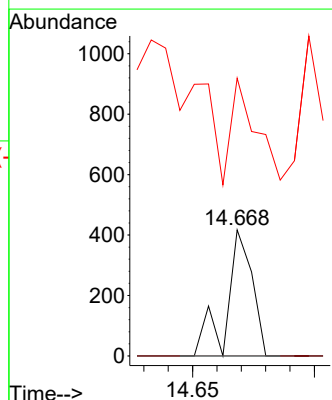
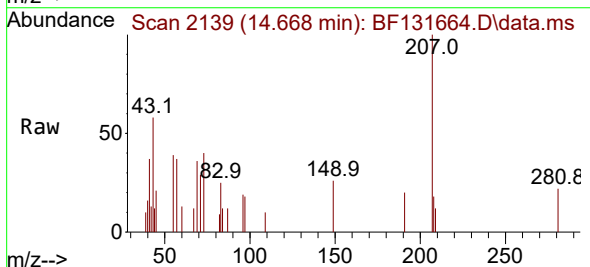
Instrument :
 BNA_F
 ClientSampleId :
 RB-31-(6.5-8.5)RE

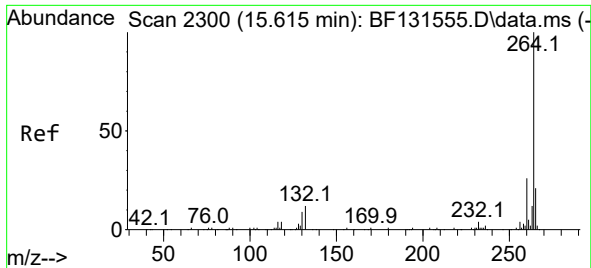
Tgt Ion:149 Resp: 596
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.8 31.2
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.260 ng
 RT: 14.668 min Scan# 2139
 Delta R.T. -0.006 min
 Lab File: BF131664.D
 Acq: 16 Dec 2022 13:45

Tgt Ion:149 Resp: 303
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 83.2 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: BF131664.D
Acq: 16 Dec 2022 13:45

Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)RE

Tgt Ion:264 Resp: 91317
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 20.9 16.8 25.2

