

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131650.D
 Acq On : 15 Dec 2022 15:41
 Operator : CG\JU
 Sample : N6038-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 16 01:51:37 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)

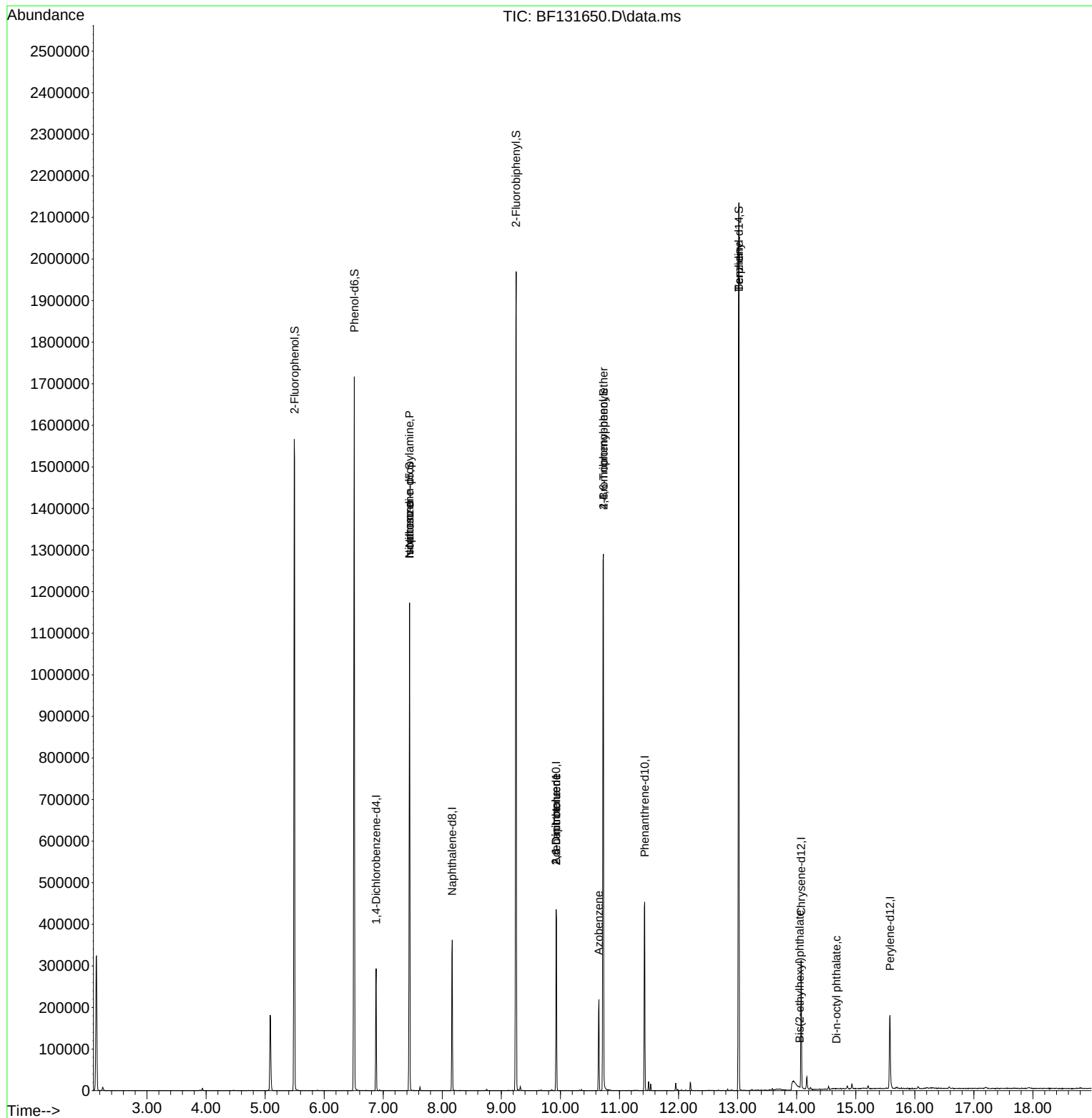
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	39301	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	147213	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	85801	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	171520	20.000	ng	0.00
76) Chrysene-d12	14.074	240	91980	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	87503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	409008	173.619	ng	0.00
7) Phenol-d6	6.510	99	525371	170.184	ng	0.00
23) Nitrobenzene-d5	7.445	82	365322	93.821	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	149509	156.837	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	621982	91.402	ng	0.00
79) Terphenyl-d14	13.021	244	710396	105.919	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	50350	21.751	ng	# 78
25) Isophorone	7.445	82	365317	58.246	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	11074	8.201	ng	# 10
57) 2,4-Dinitrotoluene	9.927	165	11074	6.182	ng	# 16
63) Azobenzene	10.651	77	39681	5.543	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	10528	4.771	ng	# 1
77) Benzidine	13.021	184	11320	4.593	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.051	149	263	3.101	ng	# 54
85) Di-n-octyl phthalate	14.674	149	147	5.241	ng	# 74

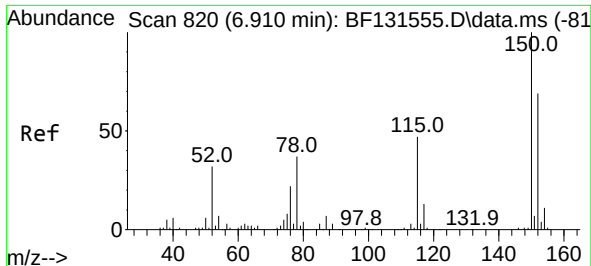
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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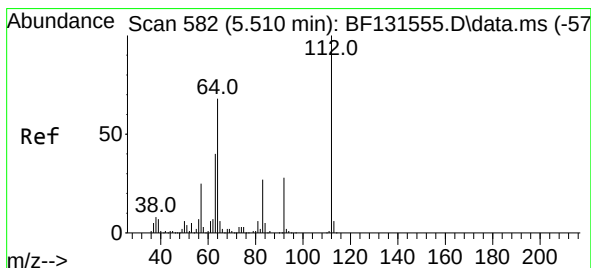
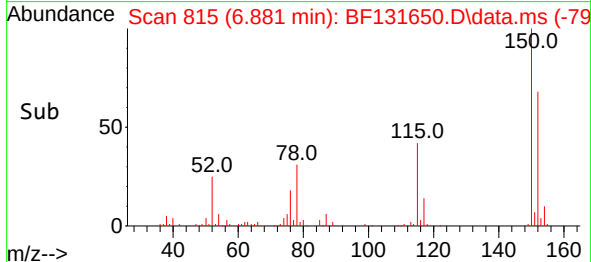
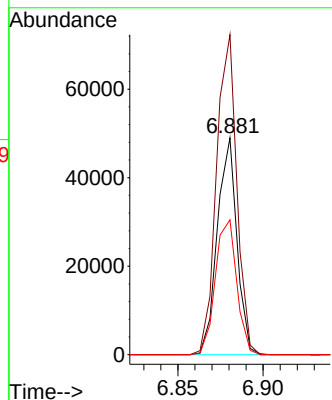
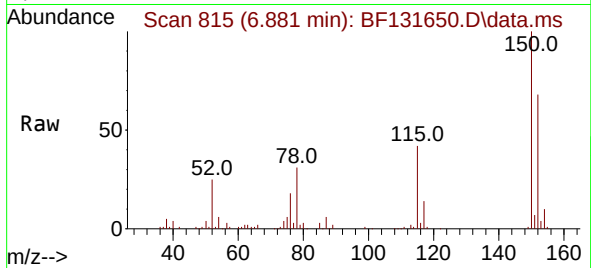




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

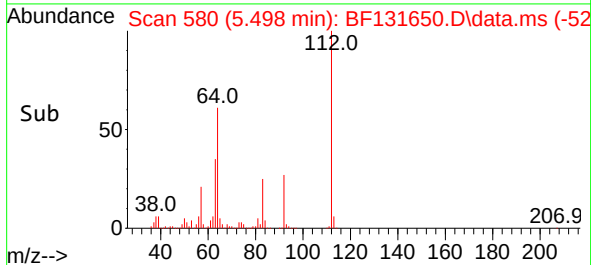
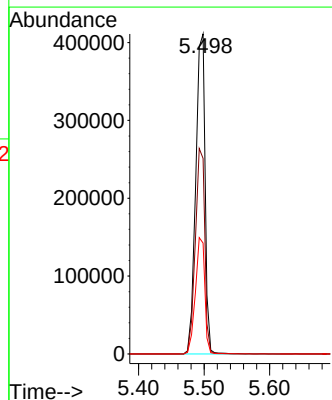
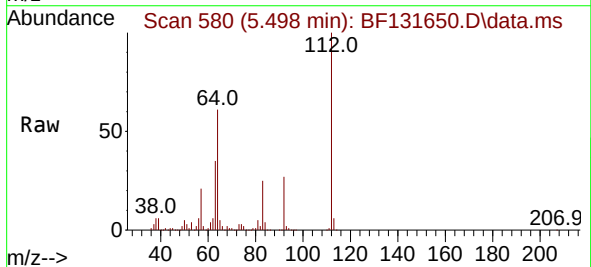
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)

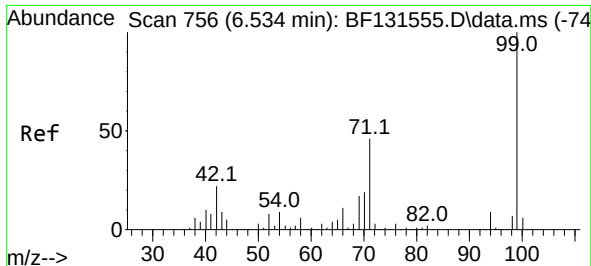
Tgt Ion:152 Resp: 39301
Ion Ratio Lower Upper
152 100
150 147.6 116.7 175.1
115 62.2 54.6 82.0



#5
2-Fluorophenol
Concen: 173.619 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

Tgt Ion:112 Resp: 409008
Ion Ratio Lower Upper
112 100
64 61.1 54.5 81.7
63 34.7 31.9 47.9

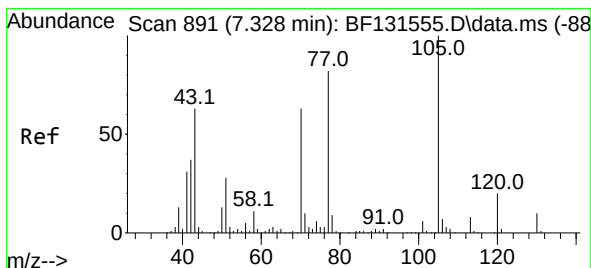
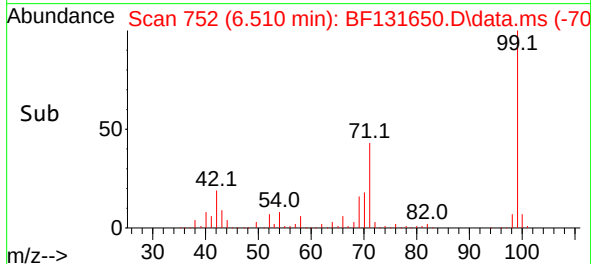
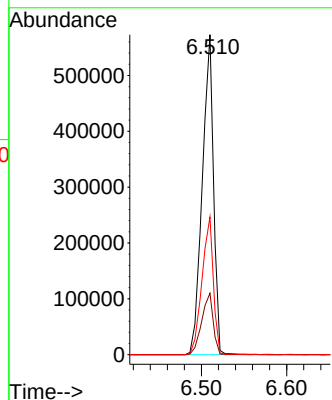
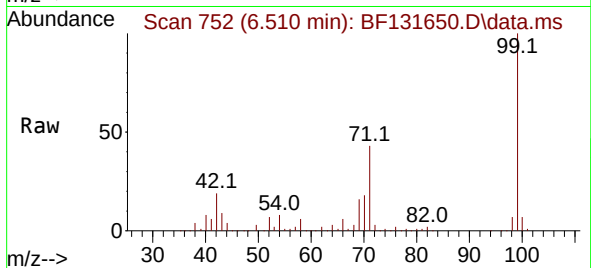




#7
Phenol-d6
Concen: 170.184 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

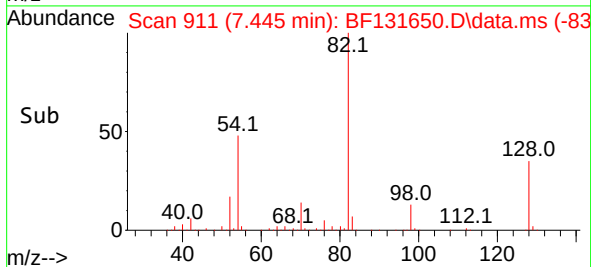
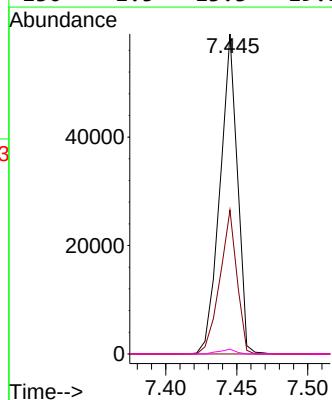
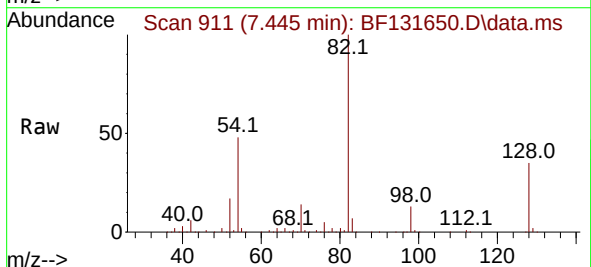
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)

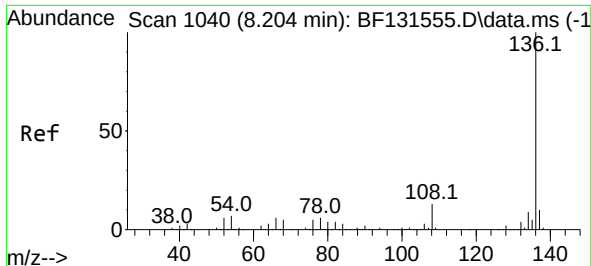
Tgt Ion: 99 Resp: 525371
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 43.1 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.751 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

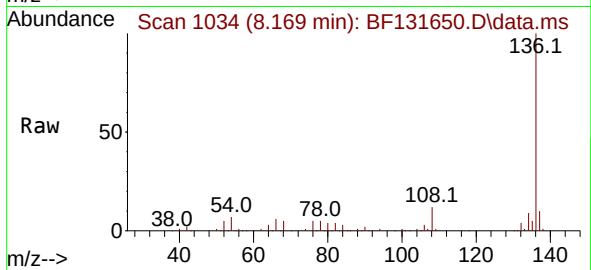
Tgt Ion: 70 Resp: 50350
Ion Ratio Lower Upper
70 100
42 44.9 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#



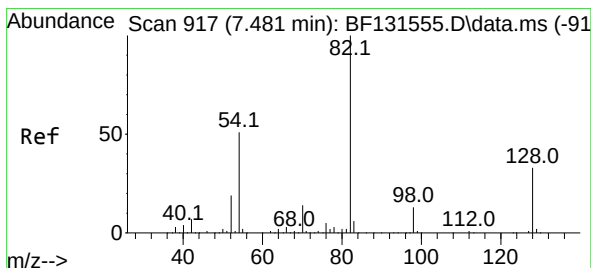
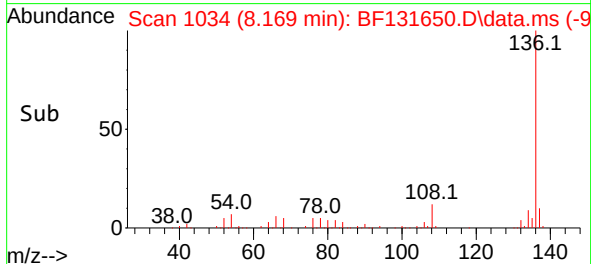
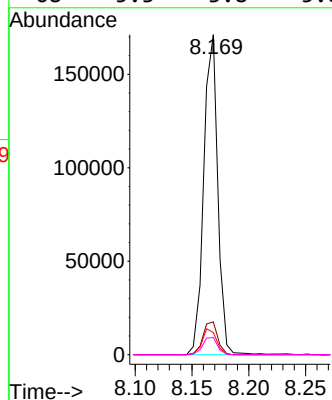


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

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

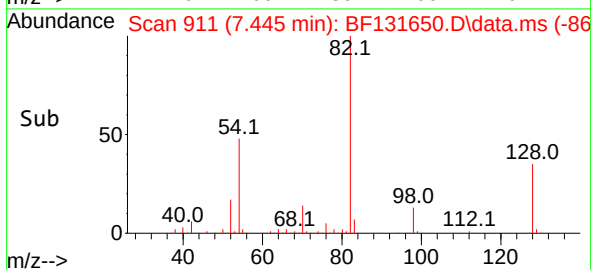
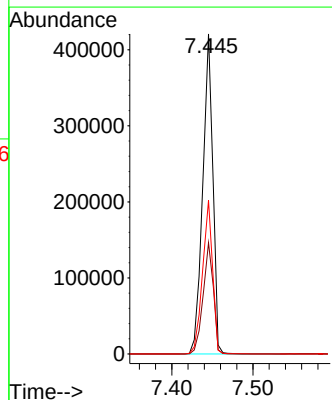
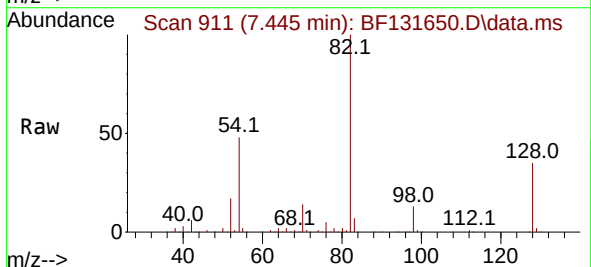


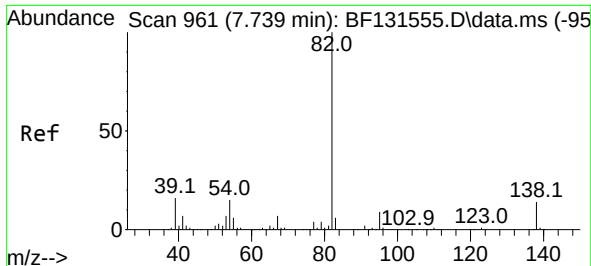
Tgt Ion:136 Resp: 147213
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 6.9 6.0 9.0
68 5.3 3.8 5.8



#23
Nitrobenzene-d5
Concen: 93.821 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

Tgt Ion: 82 Resp: 365322
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 48.0 40.6 60.8

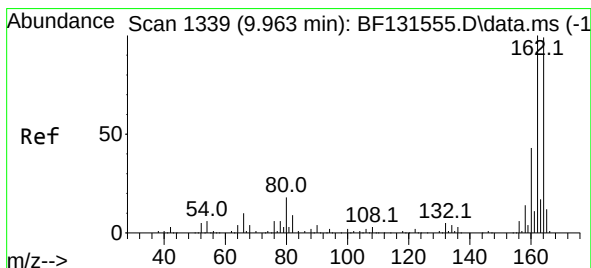
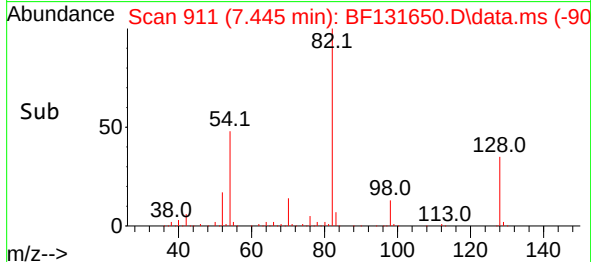
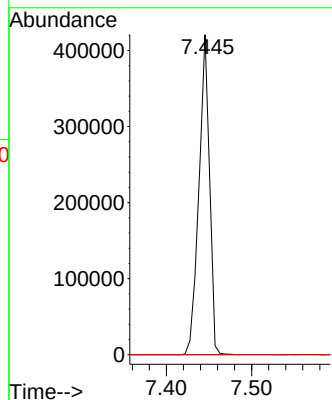
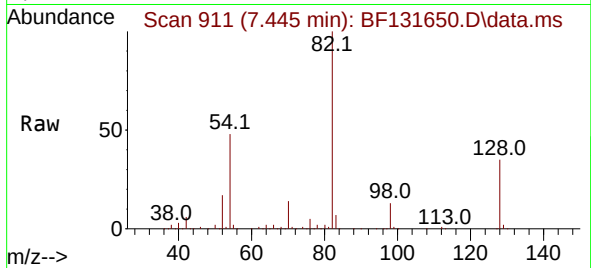




#25
Isophorone
Concen: 58.246 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

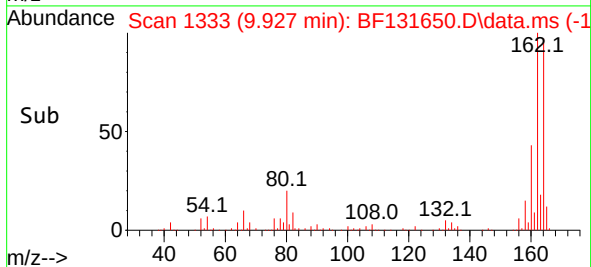
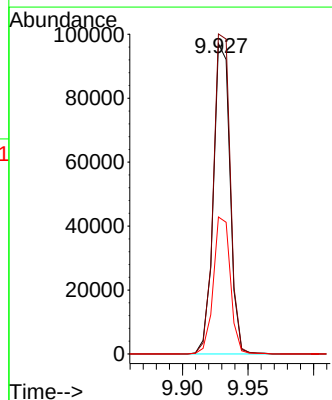
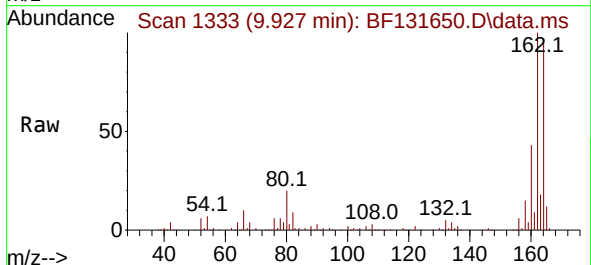
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)

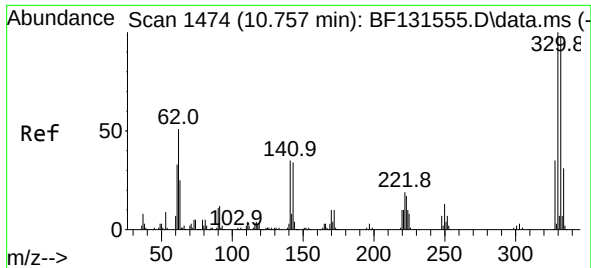
Tgt Ion: 82 Resp: 365317
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

Tgt Ion:164 Resp: 85801
Ion Ratio Lower Upper
164 100
162 103.1 81.0 121.6
160 44.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 156.837 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131650.D

Acq: 15 Dec 2022 15:41

Instrument :

BNA_F

ClientSampleId :

RB-31-(6.5-8.5)

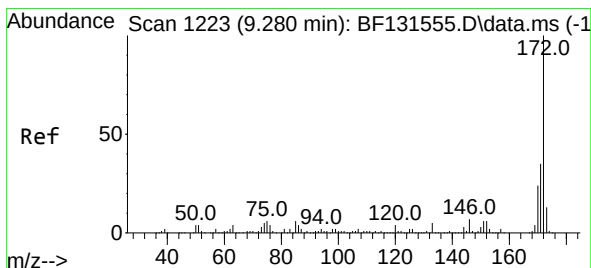
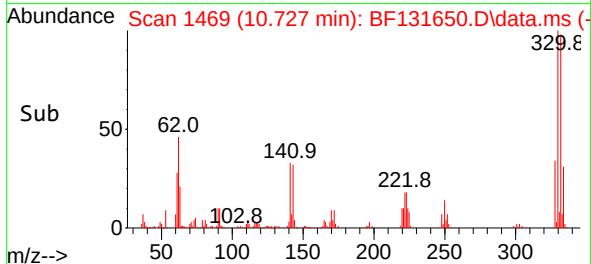
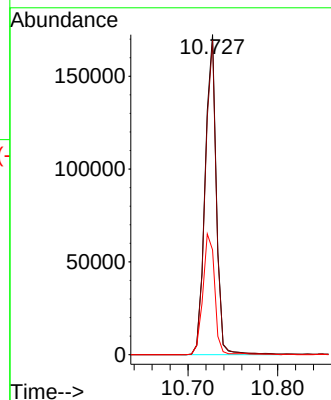
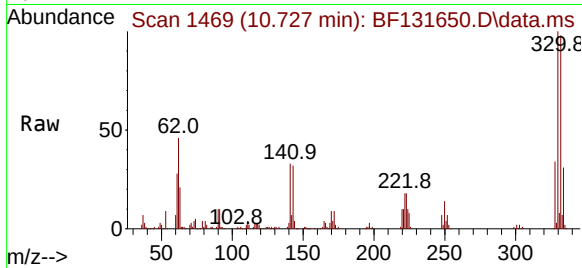
Tgt Ion:330 Resp: 149509

Ion Ratio Lower Upper

330 100

332 98.1 78.3 117.5

141 40.0 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 91.402 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131650.D

Acq: 15 Dec 2022 15:41

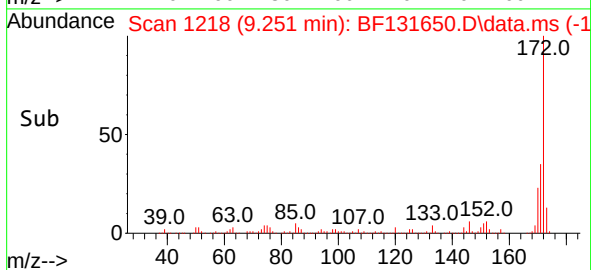
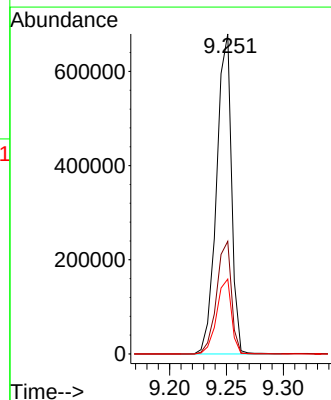
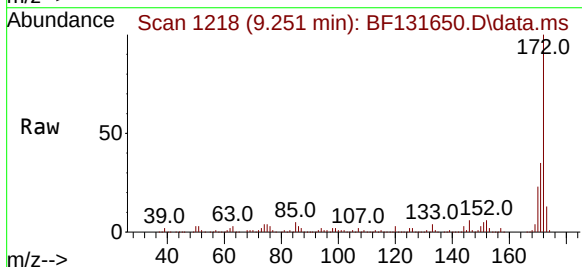
Tgt Ion:172 Resp: 621982

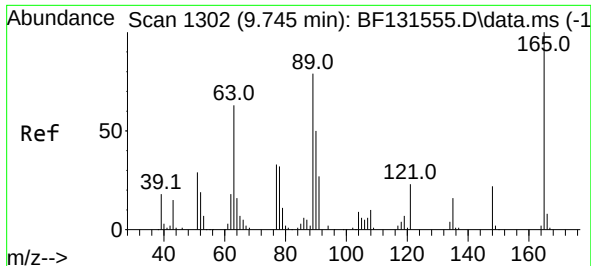
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.4 19.3 28.9

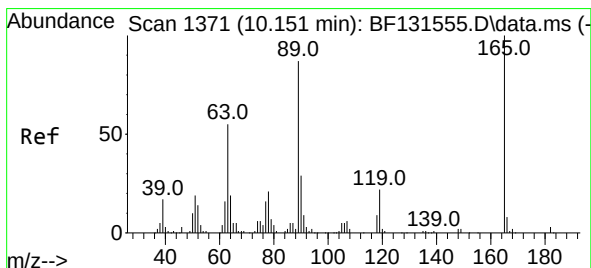
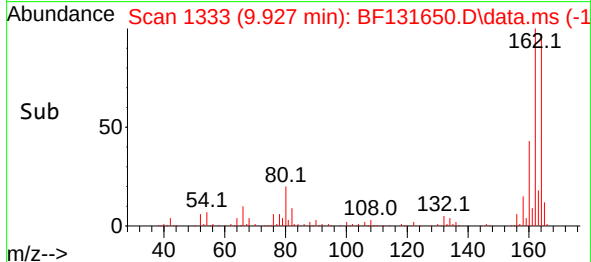
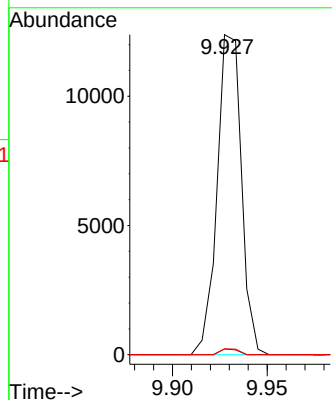
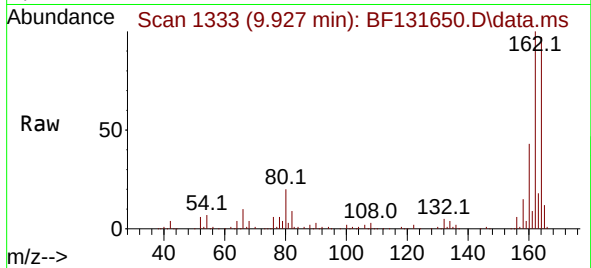




#51
2,6-Dinitrotoluene
Concen: 8.201 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

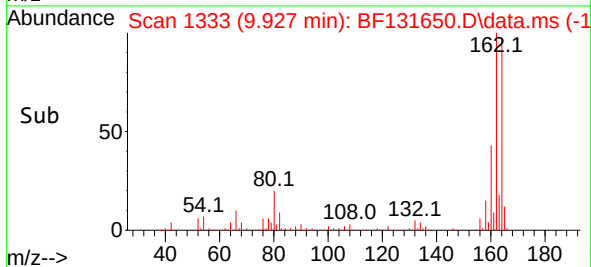
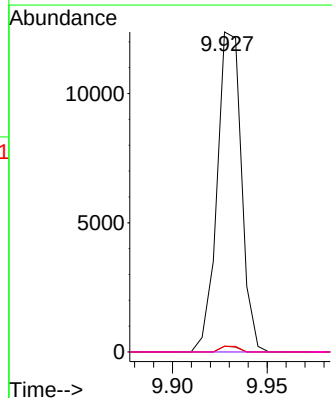
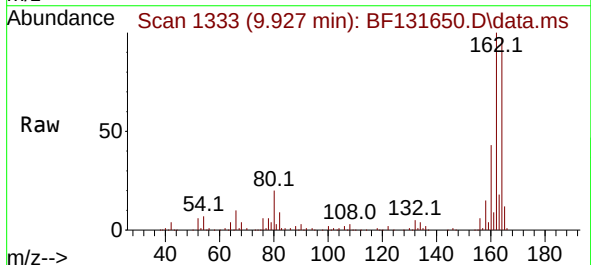
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)

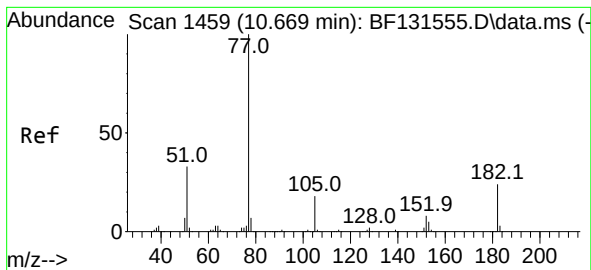
Tgt Ion:165 Resp: 11074
Ion Ratio Lower Upper
165 100
63 1.8 67.9 101.9#
89 1.8 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.182 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

Tgt Ion:165 Resp: 11074
Ion Ratio Lower Upper
165 100
63 1.8 44.4 66.6#
89 1.8 69.6 104.4#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 5.543 ng

RT: 10.651 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF131650.D

Acq: 15 Dec 2022 15:41

Instrument :

BNA_F

ClientSampleId :

RB-31-(6.5-8.5)

Tgt Ion: 77 Resp: 39681

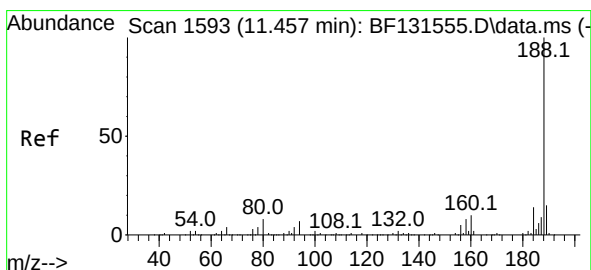
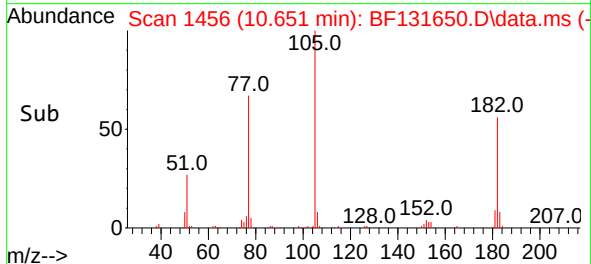
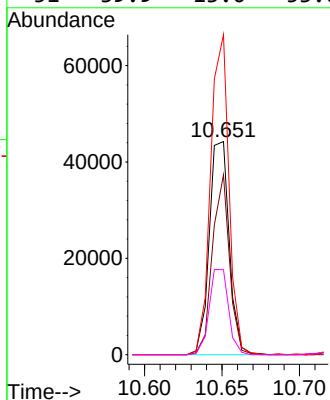
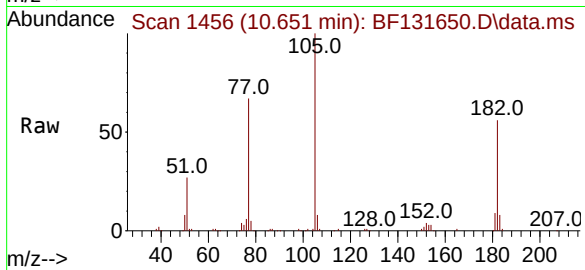
Ion Ratio Lower Upper

77 100

182 84.4 3.9 43.9#

105 150.2 0.0 38.3#

51 39.9 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: BF131650.D

Acq: 15 Dec 2022 15:41

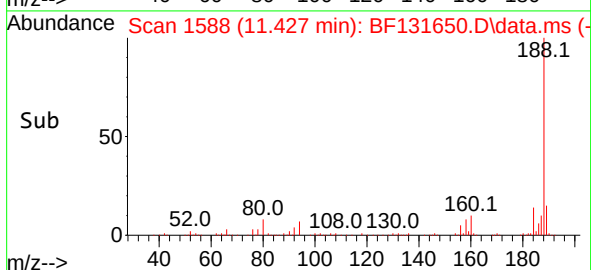
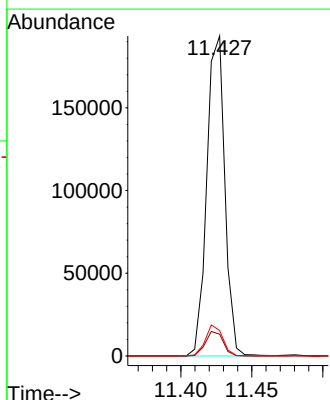
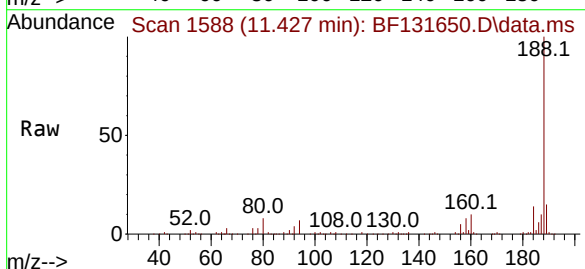
Tgt Ion: 188 Resp: 171520

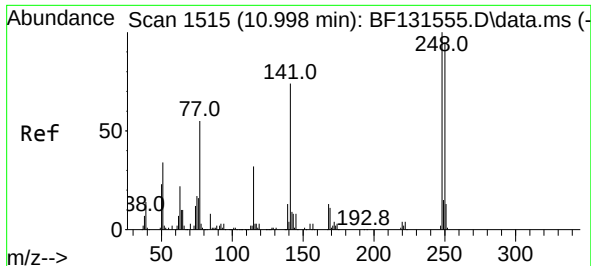
Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

80 7.9 6.6 10.0

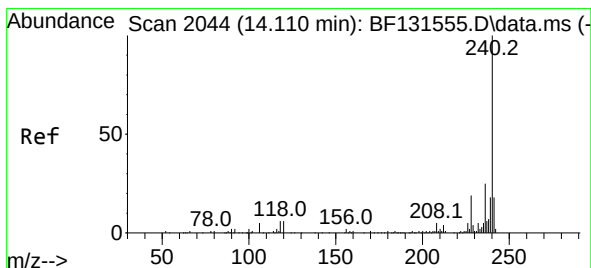
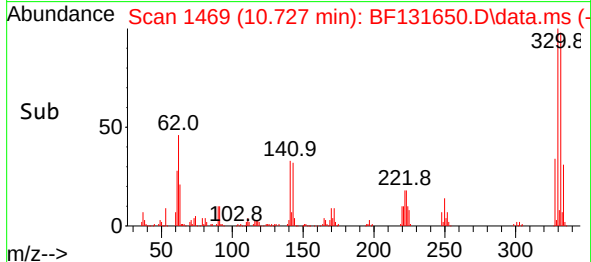
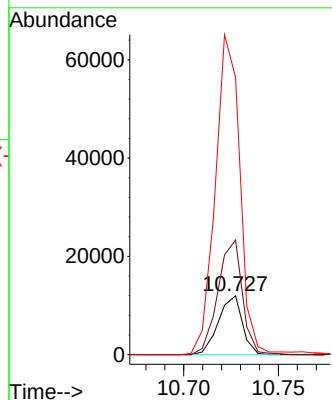
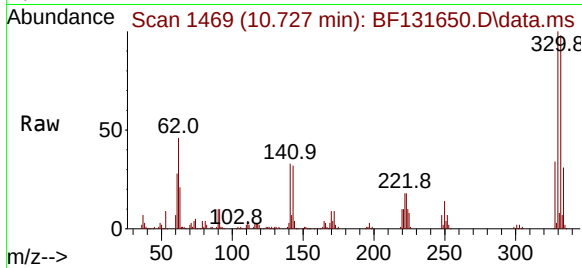




#67
4-Bromophenyl-phenylether
Concen: 4.771 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

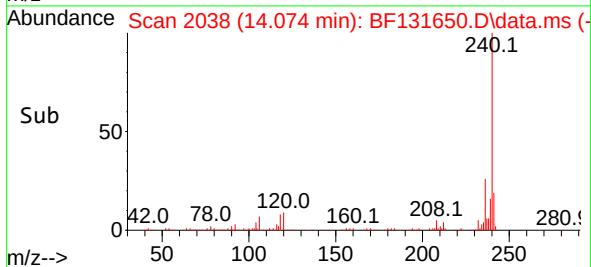
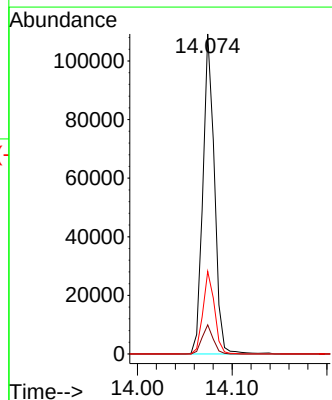
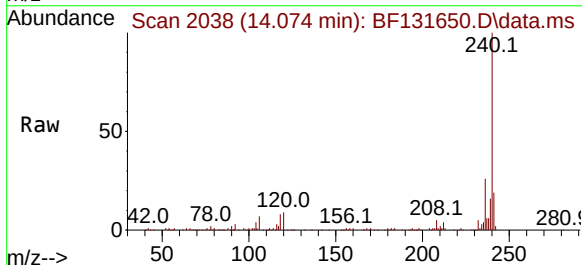
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)

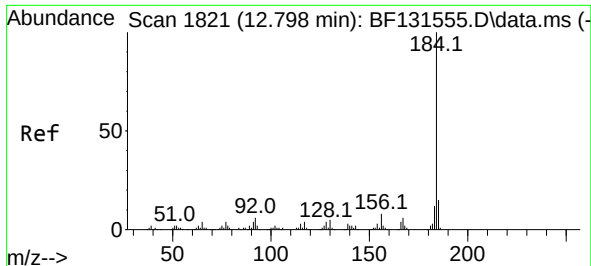
Tgt Ion:248 Resp: 10528
Ion Ratio Lower Upper
248 100
250 194.3 76.2 114.2#
141 470.3 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

Tgt Ion:240 Resp: 91980
Ion Ratio Lower Upper
240 100
120 9.1 4.6 7.0#
236 25.8 20.2 30.2

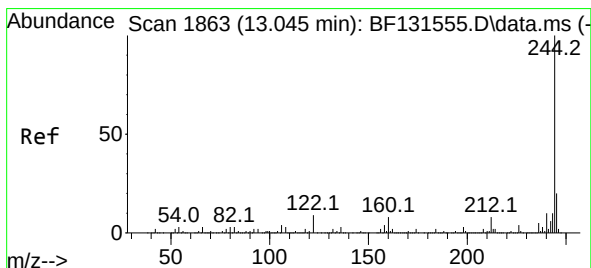
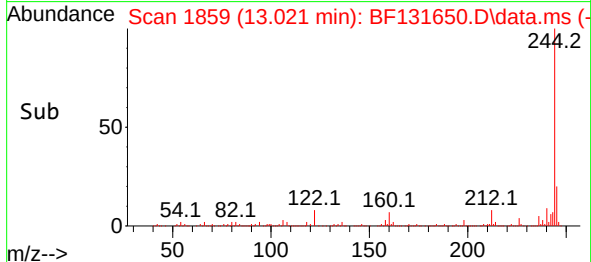
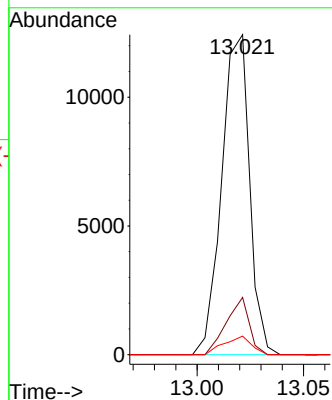
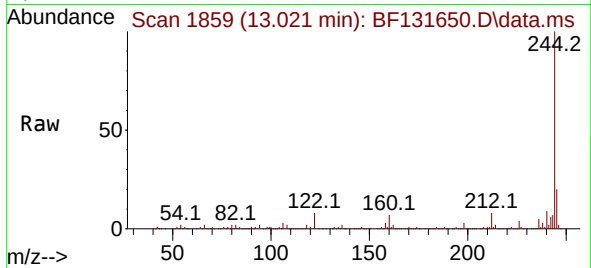




#77
Benzidine
Concen: 4.593 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

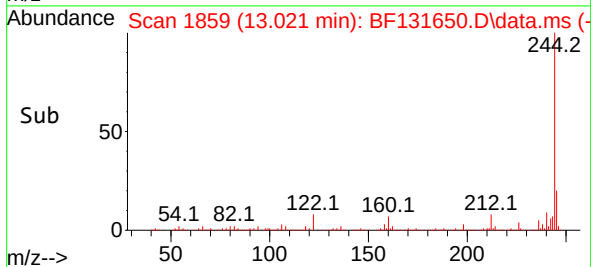
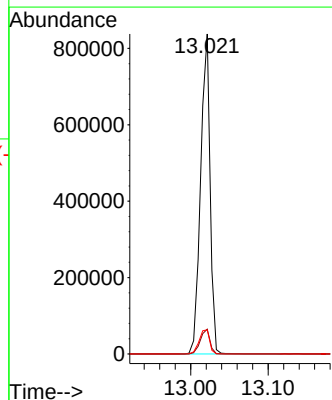
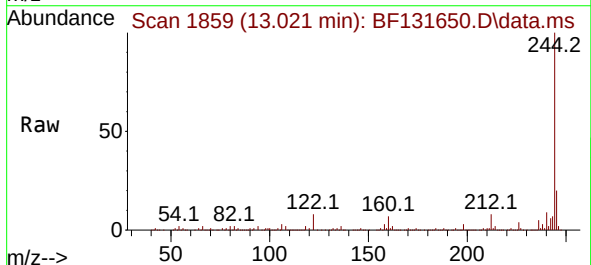
Instrument :
BNA_F
ClientSampleId :
RB-31-(6.5-8.5)

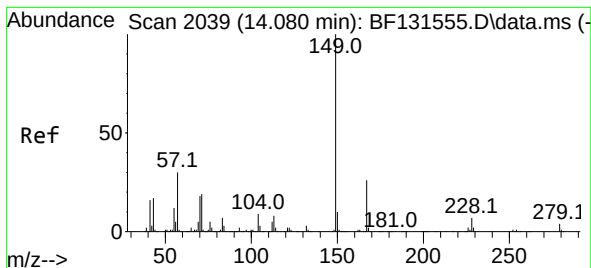
Tgt Ion:184 Resp: 11320
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 5.8 9.3 13.9#



#79
Terphenyl-d14
Concen: 105.919 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF131650.D
Acq: 15 Dec 2022 15:41

Tgt Ion:244 Resp: 710396
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 7.6 7.1 10.7

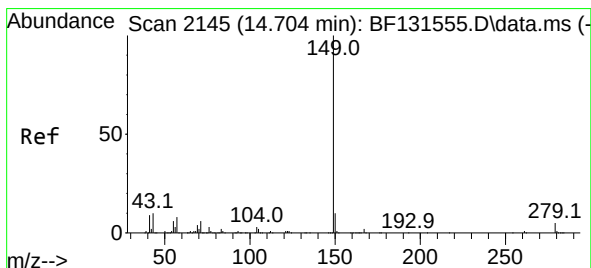
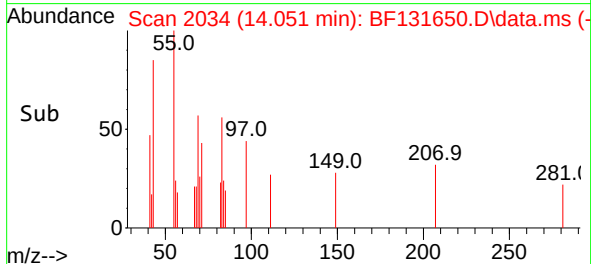
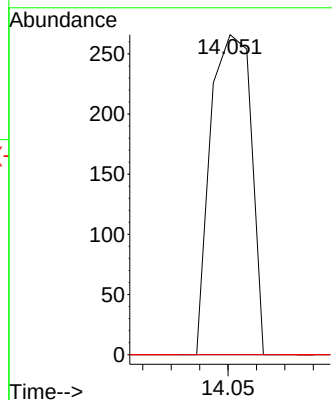
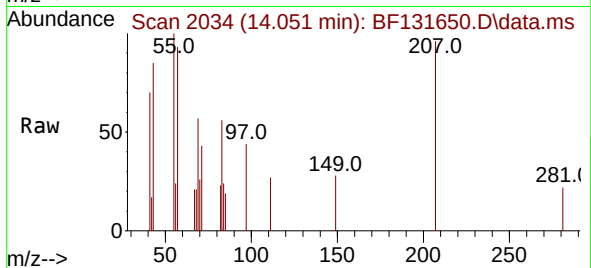




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.101 ng
 RT: 14.051 min Scan# 2039
 Delta R.T. -0.006 min
 Lab File: BF131650.D
 Acq: 15 Dec 2022 15:41

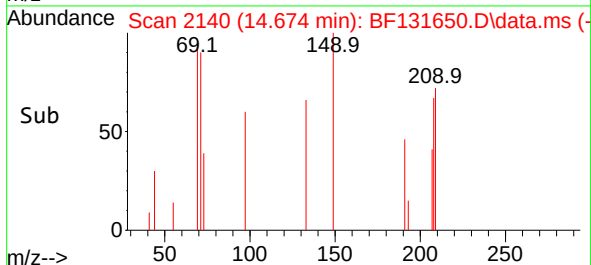
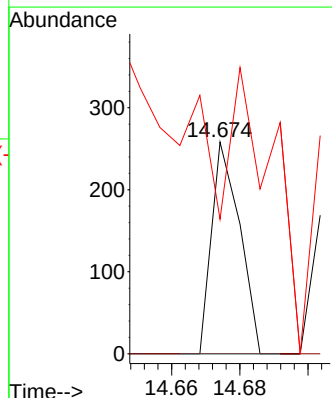
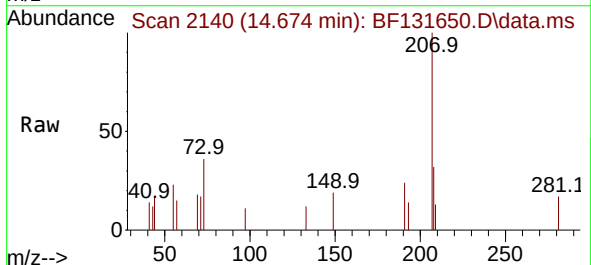
Instrument :
 BNA_F
 ClientSampleId :
 RB-31-(6.5-8.5)

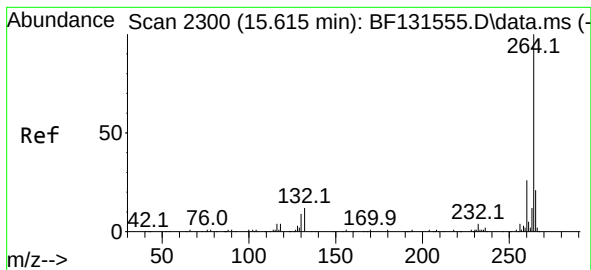
Tgt Ion:149 Resp: 263
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.241 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. -0.000 min
 Lab File: BF131650.D
 Acq: 15 Dec 2022 15:41

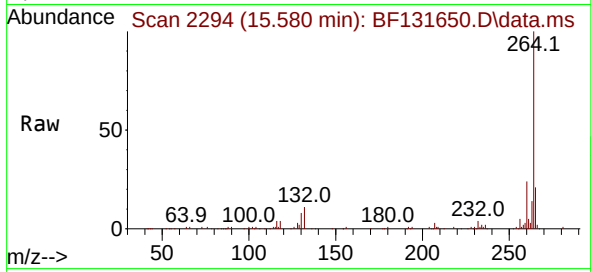
Tgt Ion:149 Resp: 147
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131650.D
 Acq: 15 Dec 2022 15:41

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



Tgt Ion:264 Resp: 87503
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.6 30.8
 265 20.9 16.8 25.2

