

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131030.D
 Acq On : 05 Nov 2022 20:59
 Operator : CG\JU
 Sample : N5318-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221115-COMP-14

Quant Time: Nov 07 00:52:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	82221	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	316867	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	171061	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	322929	20.000	ng	0.00
76) Chrysene-d12	14.086	240	188716	20.000	ng	0.00
86) Perylene-d12	15.586	264	172747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	669228	141.105	ng	0.01
7) Phenol-d6	6.528	99	855761	138.850	ng	0.00
23) Nitrobenzene-d5	7.469	82	555997	105.805	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	237103	164.656	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	866818	76.612	ng	0.00
79) Terphenyl-d14	13.027	244	850594	82.594	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	75337	17.966	ng	# 78
25) Isophorone	7.469	82	556094	51.317	ng	# 66
26) 2-Nitrophenol	7.563	139	72	4.111	ng	# 30
48) 2-Nitroaniline	9.375	65	82	4.171	ng	# 12
51) 2,6-Dinitrotoluene	9.945	165	21897	12.023	ng	# 14
57) 2,4-Dinitrotoluene	9.945	165	21897	10.907	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.739	198	582	8.288	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	15504	4.774	ng	# 1
77) Benzidine	13.027	184	11882	2.594	ng	# 91

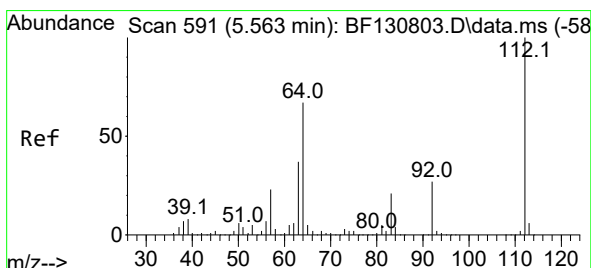
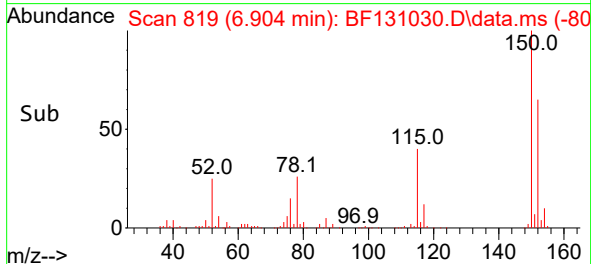
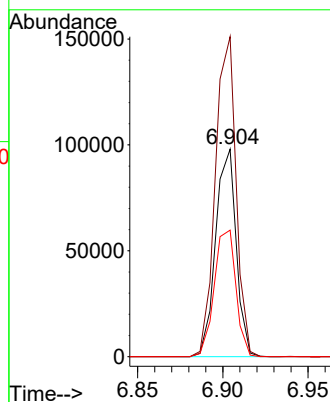
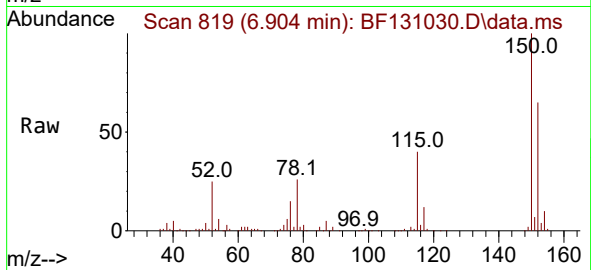
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131030.D
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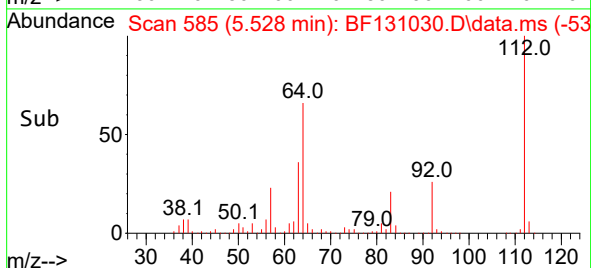
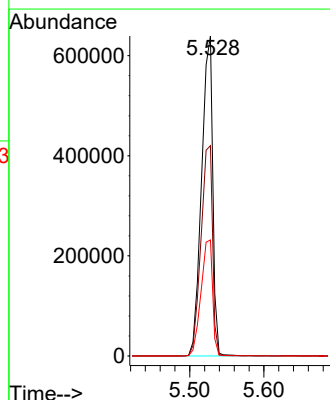
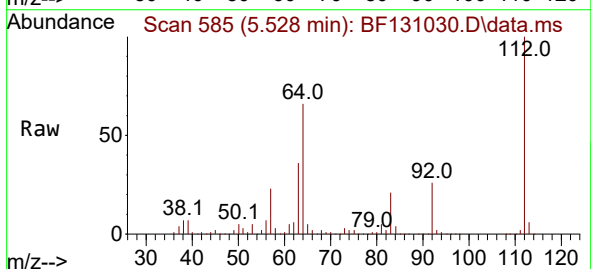
Instrument :
BNA_F
ClientSampleId :
20221115-COMP-14

Tgt Ion:152 Resp: 82221
Ion Ratio Lower Upper
152 100
150 154.2 124.1 186.1
115 61.0 50.1 75.1



#5
2-Fluorophenol
Concen: 141.105 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

Tgt Ion:112 Resp: 669228
Ion Ratio Lower Upper
112 100
64 65.7 53.9 80.9
63 36.3 29.4 44.2

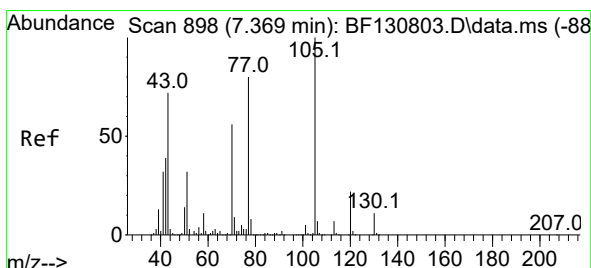
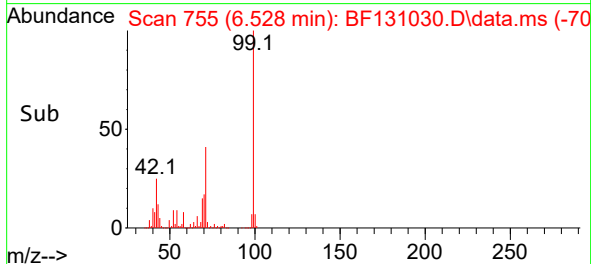
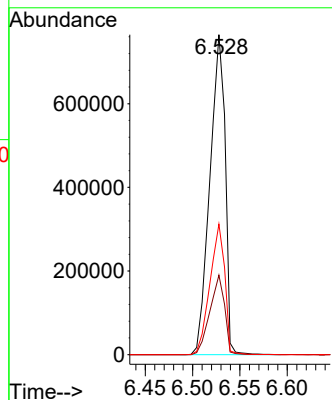
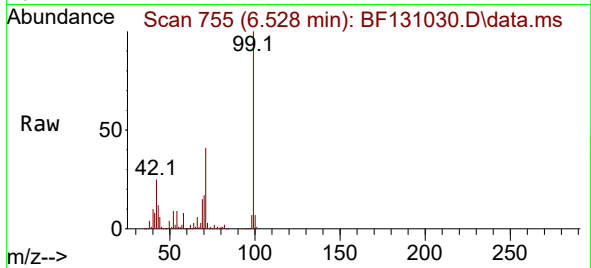




#7
Phenol-d6
Concen: 138.850 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

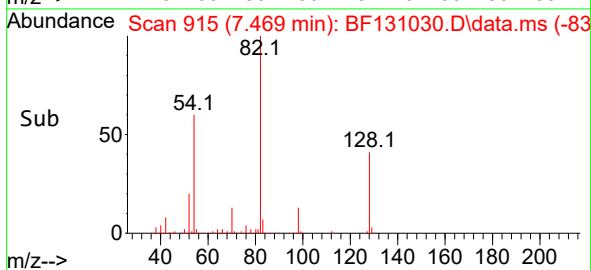
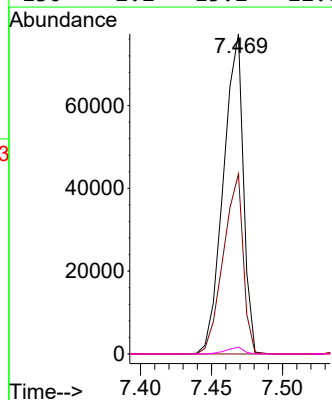
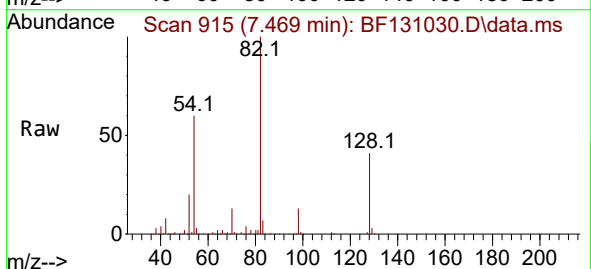
Instrument :
BNA_F
ClientSampleId :
20221115-COMP-14

Tgt Ion: 99 Resp: 855761
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 40.8 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.966 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

Tgt Ion: 70 Resp: 75337
Ion Ratio Lower Upper
70 100
42 56.3 56.1 84.1
101 0.0 7.3 10.9#
130 2.2 15.2 22.8#

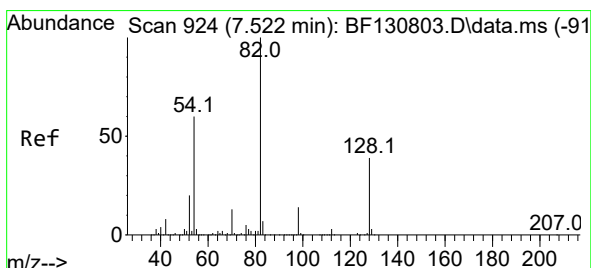
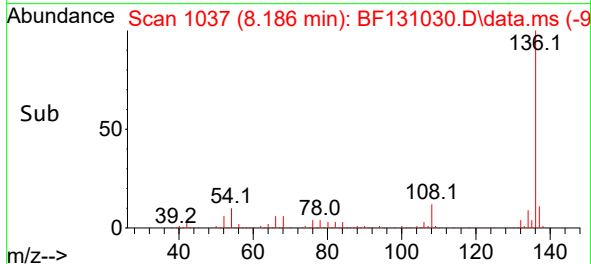
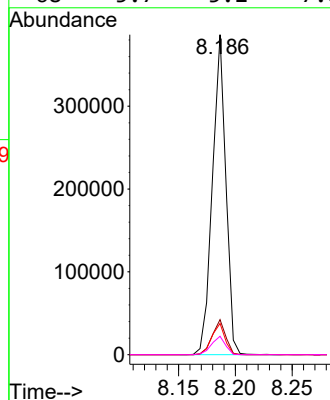
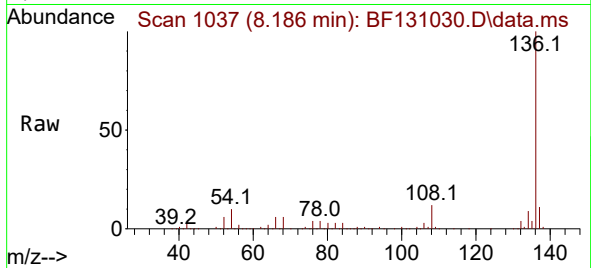




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

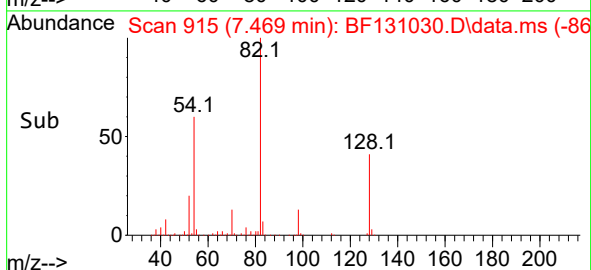
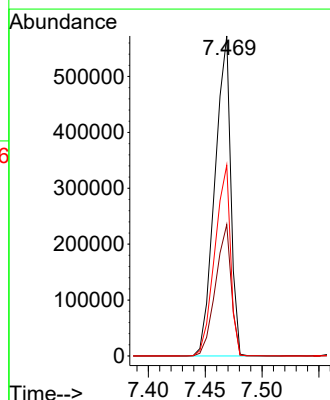
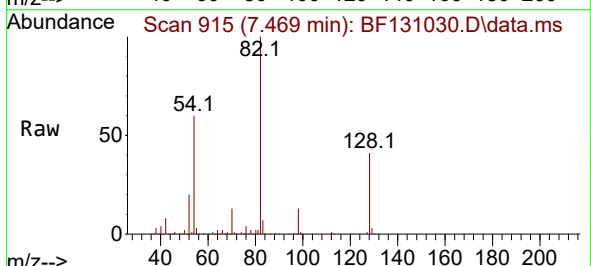
Instrument :
BNA_F
ClientSampleId :
20221115-COMP-14

Tgt Ion	136	Resp:	316867
	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	9.8	8.8	13.2
68	5.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 105.805 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

Tgt Ion: 82	Resp: 555997
Ion Ratio	Lower Upper
82 100	
128 41.1	31.2 46.8
54 59.6	48.0 72.0

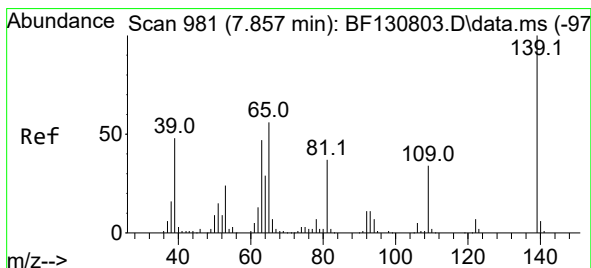
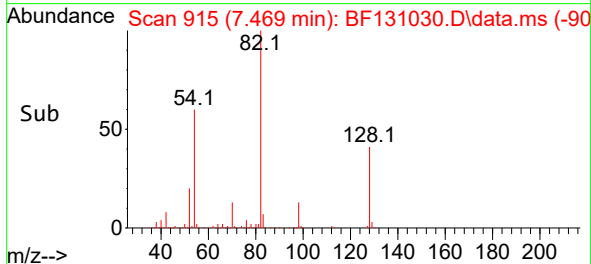
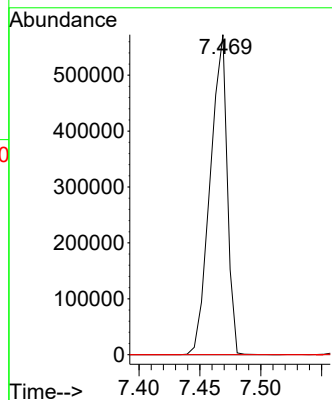
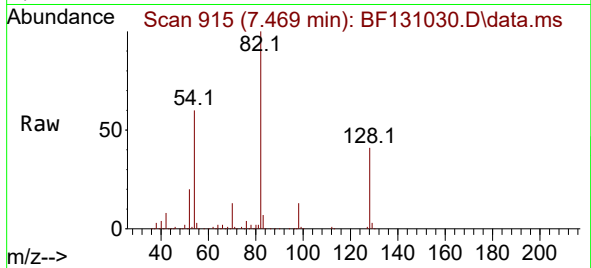




#25
Isophorone
Concen: 51.317 ng
RT: 7.469 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

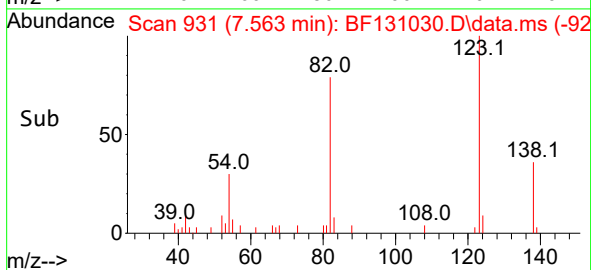
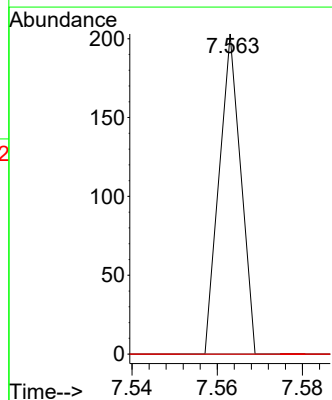
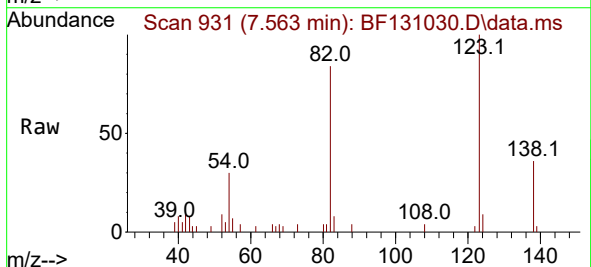
Instrument :
BNA_F
ClientSampleId :
20221115-COMP-14

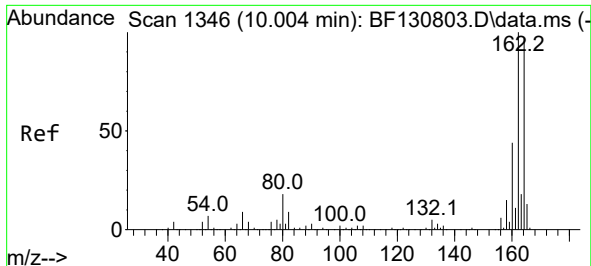
Tgt Ion: 82 Resp: 556094
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.111 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.241 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

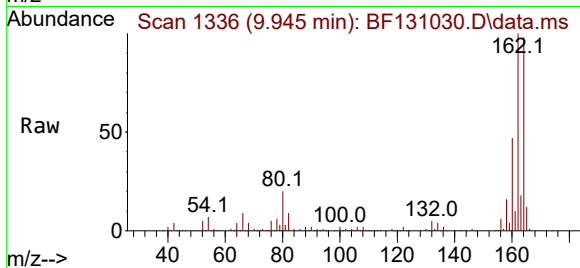
Tgt Ion: 139 Resp: 72
Ion Ratio Lower Upper
139 100
109 0.0 27.3 40.9#
65 0.0 44.6 67.0#



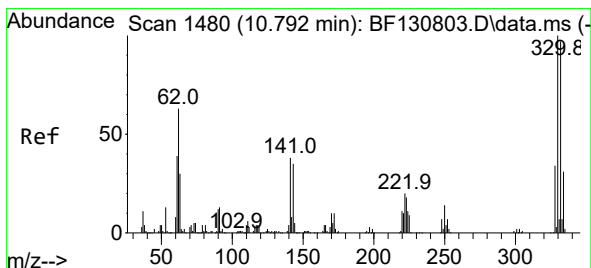
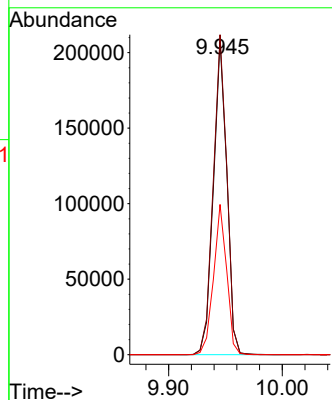
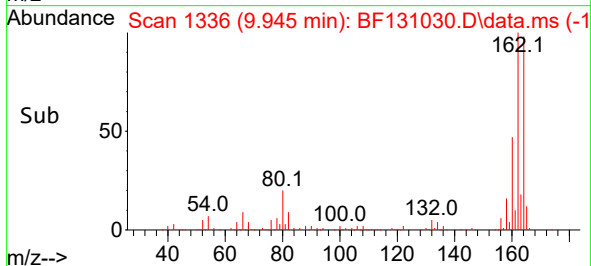


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

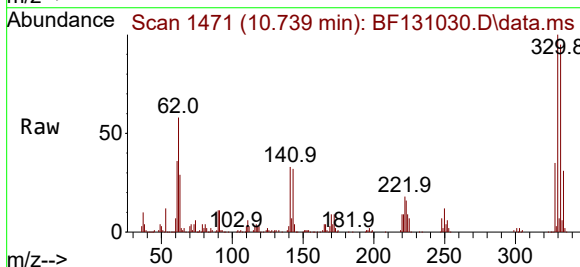
Instrument :
BNA_F
ClientSampleId :
20221115-COMP-14



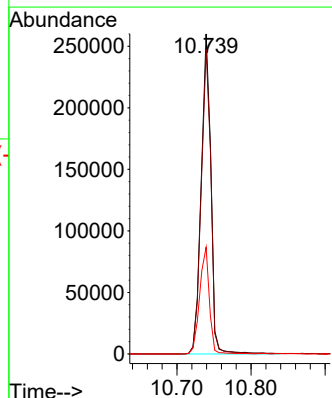
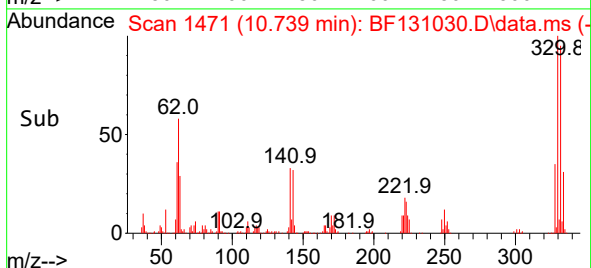
Tgt Ion:164 Resp: 171061
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 47.8 36.6 54.8

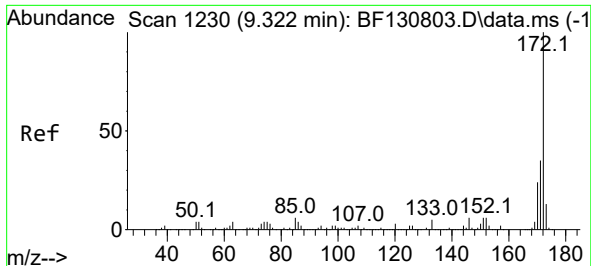


#42
2,4,6-Tribromophenol
Concen: 164.656 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59



Tgt Ion:330 Resp: 237103
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 33.4 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 76.612 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131030.D

Acq: 05 Nov 2022 20:59

Instrument :

BNA_F

ClientSampleId :

20221115-COMP-14

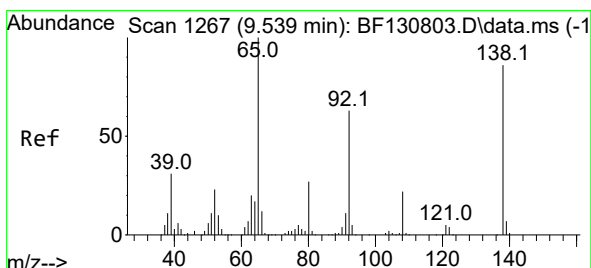
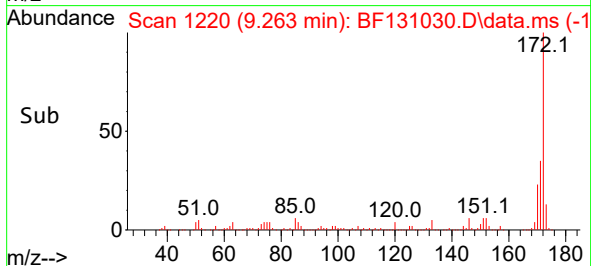
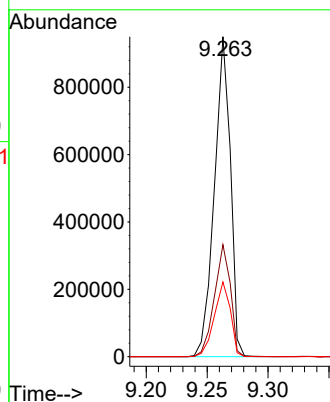
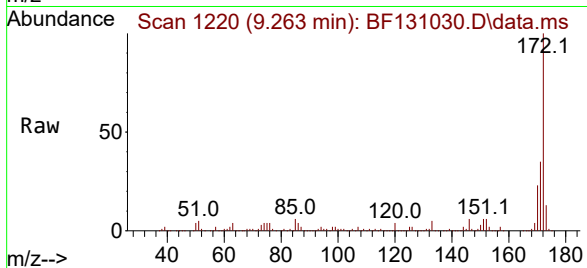
Tgt Ion:172 Resp: 866818

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.3 19.0 28.4



#48

2-Nitroaniline

Concen: 4.171 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.118 min

Lab File: BF131030.D

Acq: 05 Nov 2022 20:59

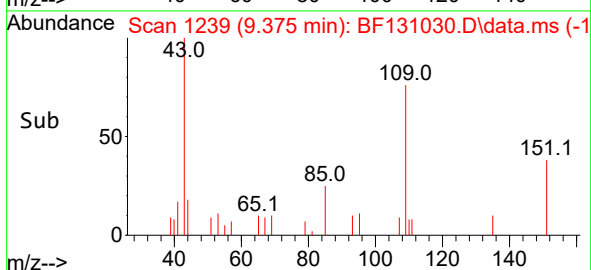
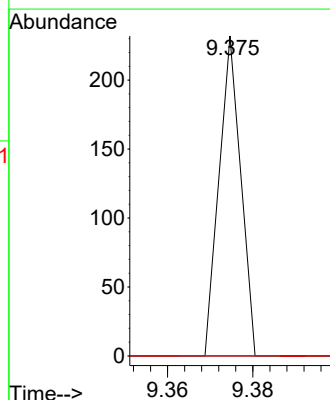
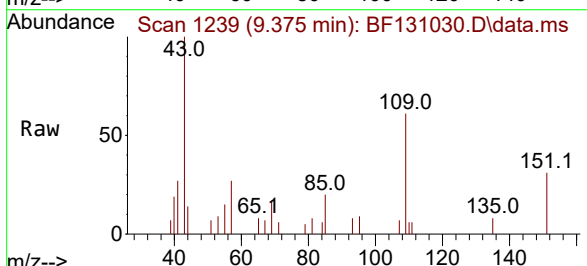
Tgt Ion: 65 Resp: 82

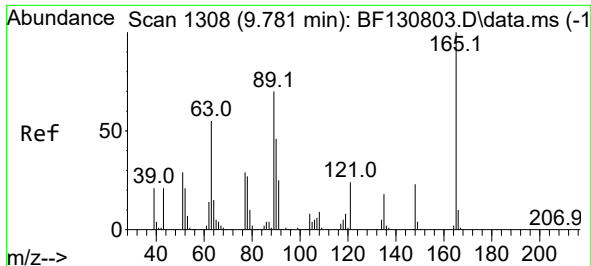
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

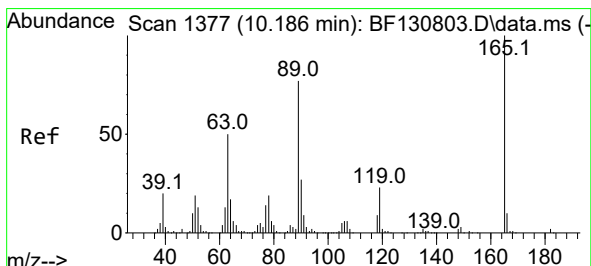
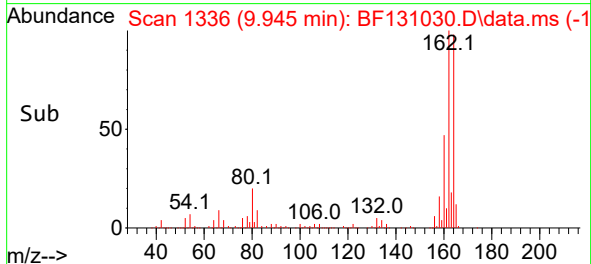
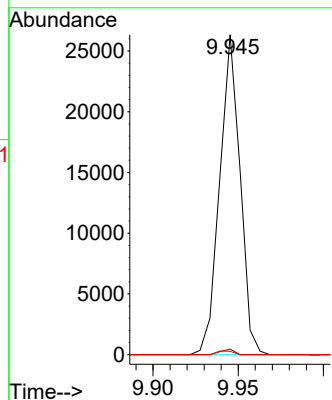
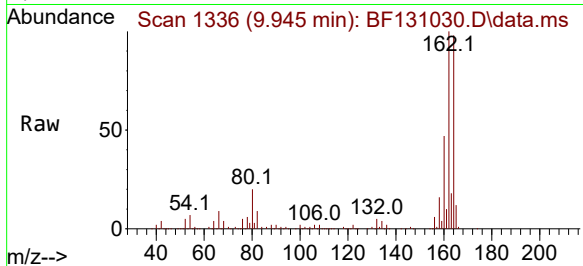




#51
2,6-Dinitrotoluene
Concen: 12.023 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

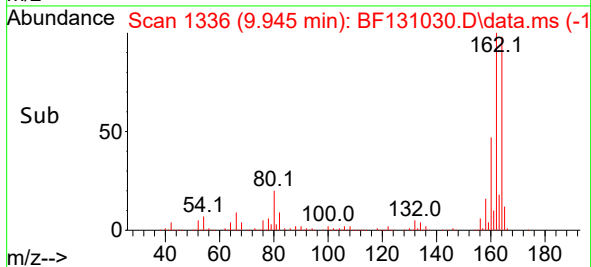
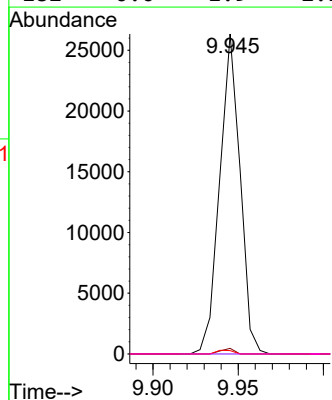
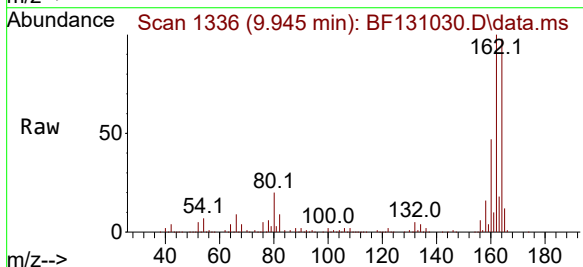
Instrument :
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20221115-COMP-14

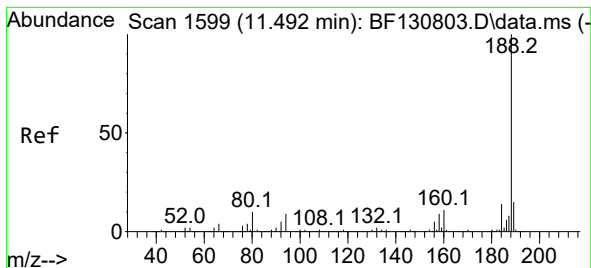
Tgt Ion:165 Resp: 21897
Ion Ratio Lower Upper
165 100
63 1.7 61.8 92.8#
89 1.1 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.907 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.194 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

Tgt Ion:165 Resp: 21897
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131030.D

Acq: 05 Nov 2022 20:59

Instrument :

BNA_F

ClientSampleId :

20221115-COMP-14

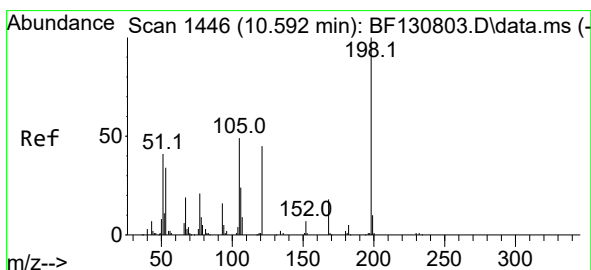
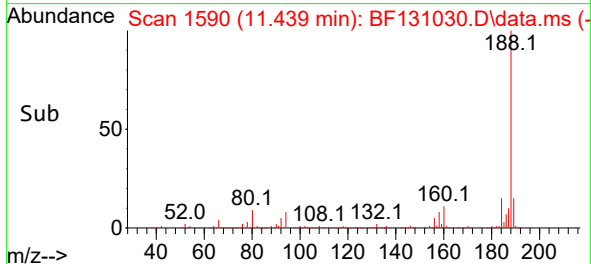
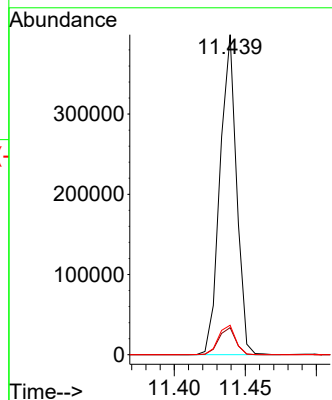
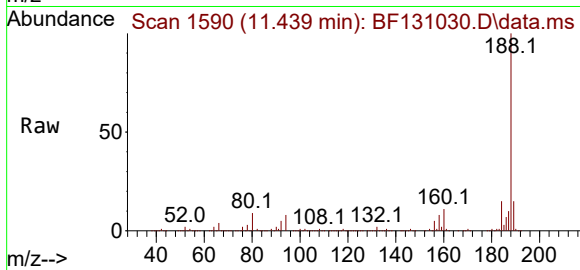
Tgt Ion:188 Resp: 322929

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 9.2 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.288 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.188 min

Lab File: BF131030.D

Acq: 05 Nov 2022 20:59

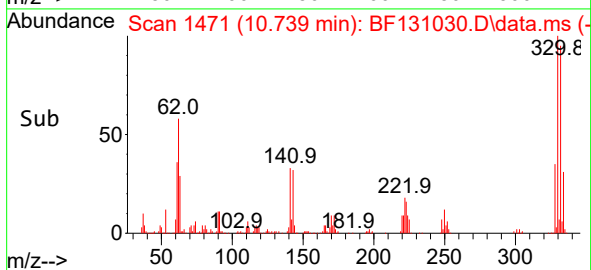
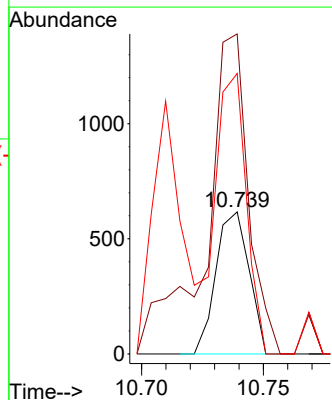
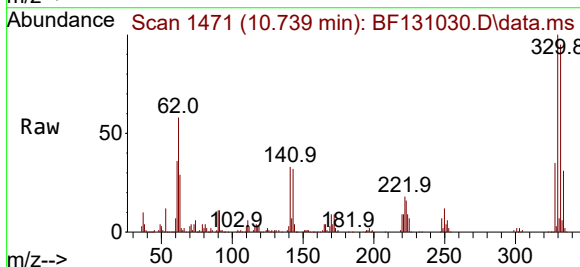
Tgt Ion:198 Resp: 582

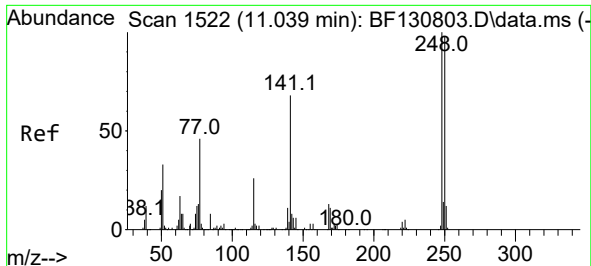
Ion Ratio Lower Upper

198 100

51 225.3 39.0 79.0#

105 197.4 30.6 70.6#

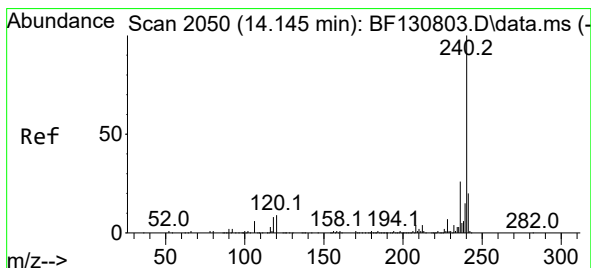
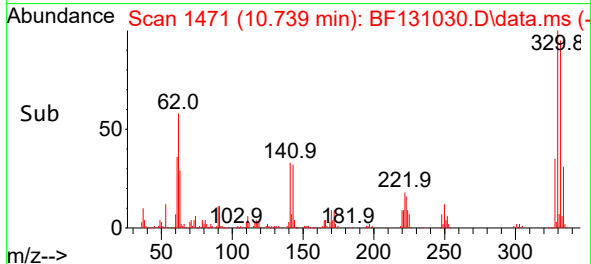
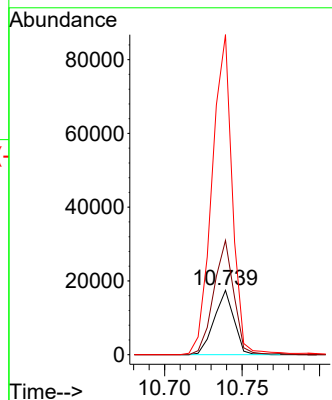
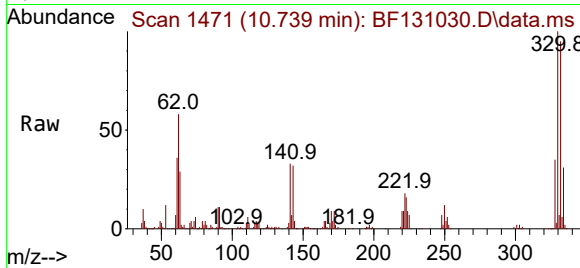




#67
4-Bromophenyl-phenylether
Concen: 4.774 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

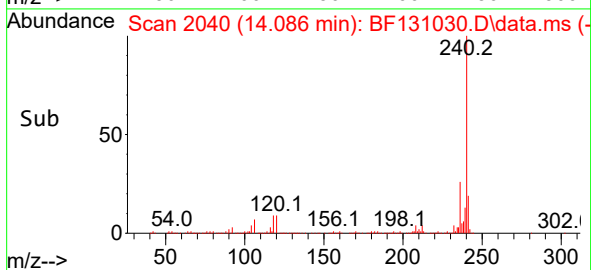
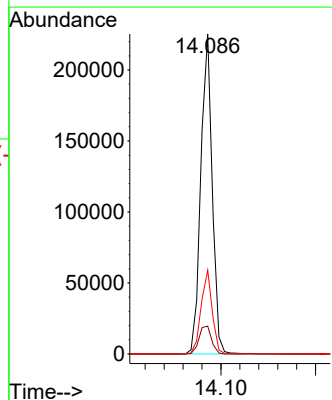
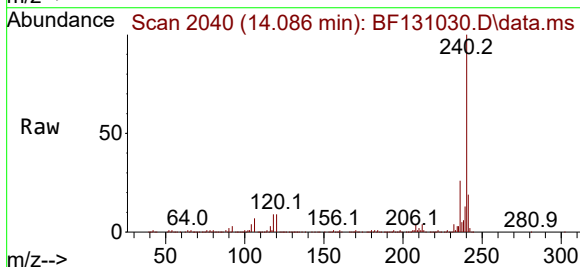
Instrument :
BNA_F
ClientSampleId :
20221115-COMP-14

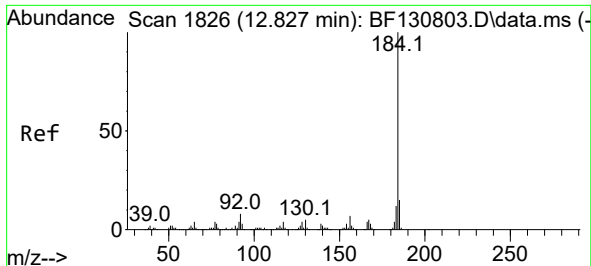
Tgt Ion:248 Resp: 15504
Ion Ratio Lower Upper
248 100
250 177.5 78.6 117.8#
141 497.3 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

Tgt Ion:240 Resp: 188716
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 26.1 20.5 30.7

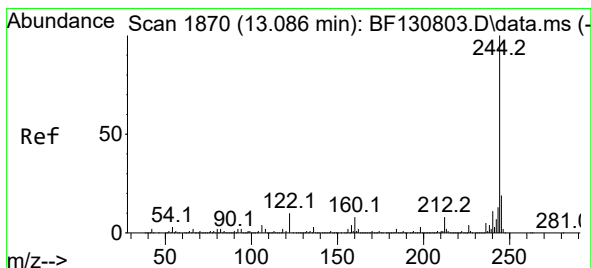
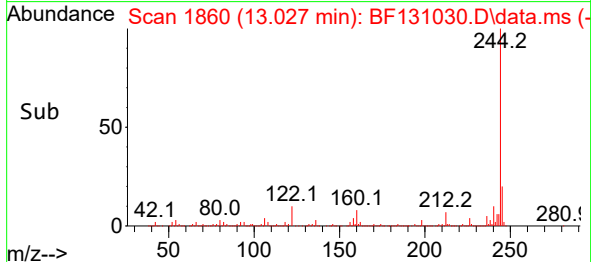
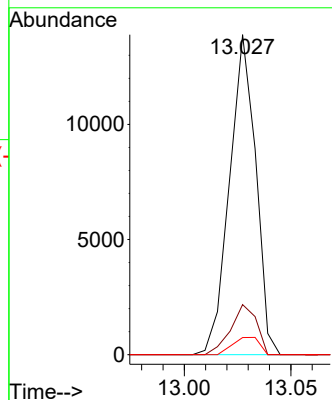
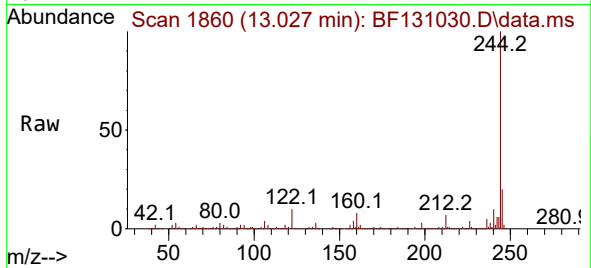




#77
Benzidine
Concen: 2.594 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.247 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

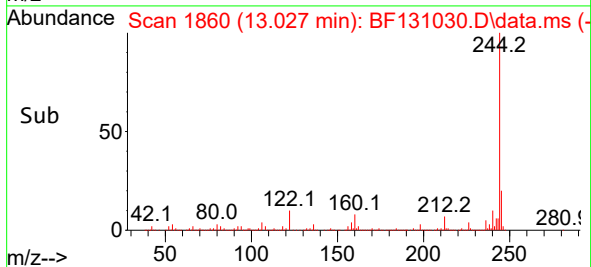
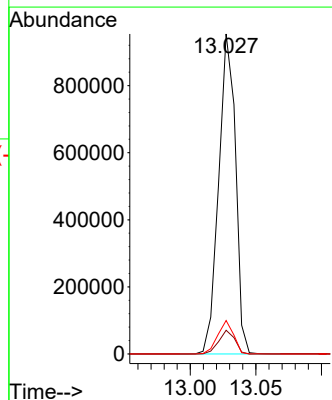
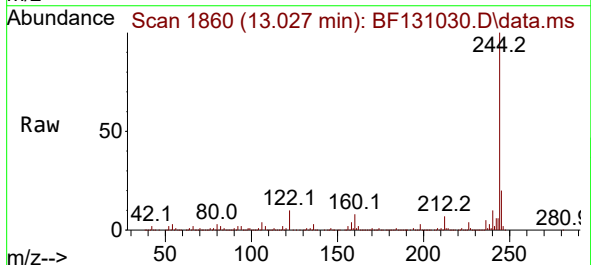
Instrument :
BNA_F
ClientSampleId :
20221115-COMP-14

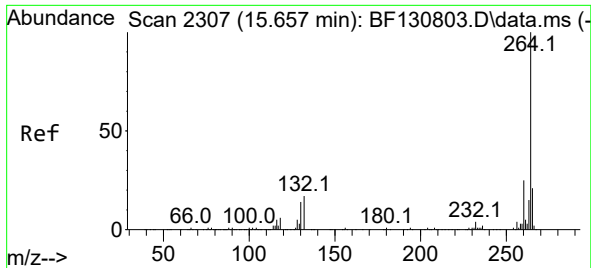
Tgt Ion:184 Resp: 11882
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 5.4 9.7 14.5#



#79
Terphenyl-d14
Concen: 82.594 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF131030.D
Acq: 05 Nov 2022 20:59

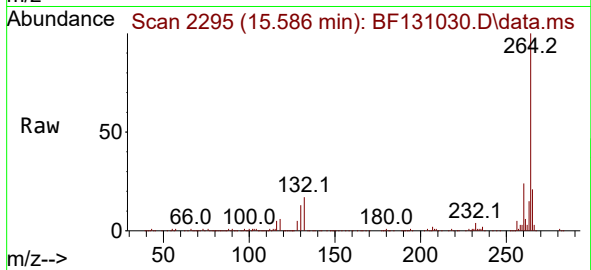
Tgt Ion:244 Resp: 850594
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 10.5 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131030.D
 Acq: 05 Nov 2022 20:59

Instrument :
 BNA_F
 ClientSampleId :
 20221115-COMP-14



Tgt Ion:264 Resp: 172747
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 21.4 17.0 25.6

