

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131026.D
 Acq On : 05 Nov 2022 18:46
 Operator : CG\JU
 Sample : N5318-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221111-COMP-10

Quant Time: Nov 07 00:50:40 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)

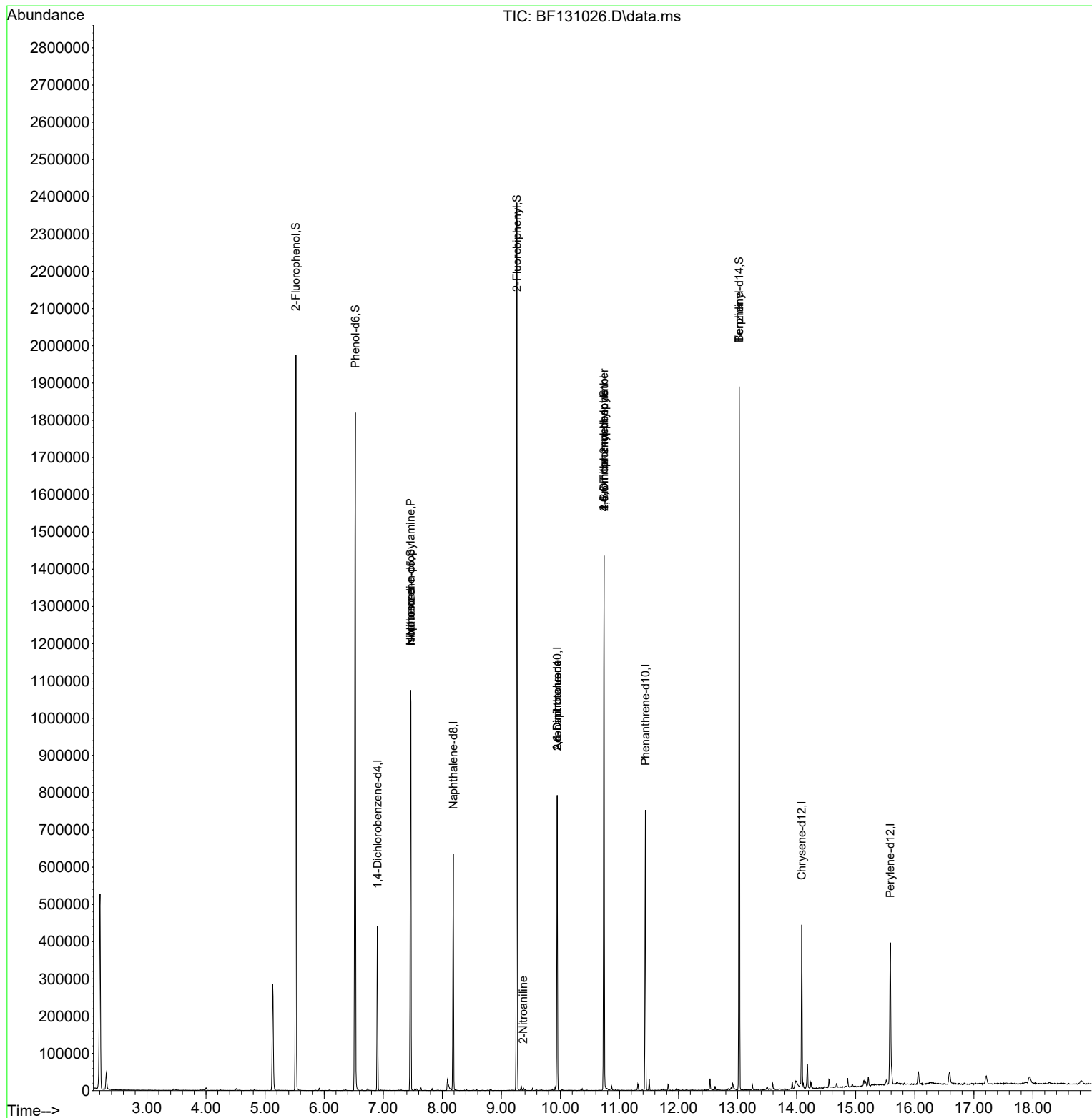
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	60274	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	239036	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	140302	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	242081	20.000	ng	0.00
76) Chrysene-d12	14.086	240	138608	20.000	ng	0.00
86) Perylene-d12	15.586	264	172728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	469223	134.959	ng	0.00
7) Phenol-d6	6.528	99	572269	126.662	ng	0.00
23) Nitrobenzene-d5	7.463	82	365257	92.139	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	151983	128.684	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	666315	71.802	ng	0.00
79) Terphenyl-d14	13.027	244	628075	83.034	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	51336	16.700	ng	# 81
25) Isophorone	7.463	82	365251	44.681	ng	# 66
48) 2-Nitroaniline	9.369	65	73	4.173	ng	# 12
51) 2,6-Dinitrotoluene	9.945	165	18325	12.211	ng	# 14
57) 2,4-Dinitrotoluene	9.945	165	18325	11.053	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.739	198	444	8.295	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	9674	3.974	ng	# 1
77) Benzidine	13.027	184	10021	2.978	ng	# 92

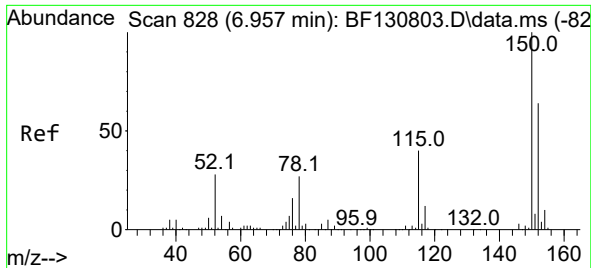
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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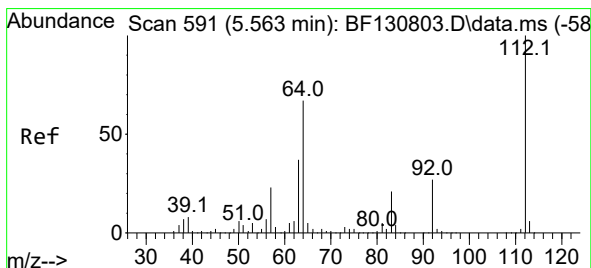
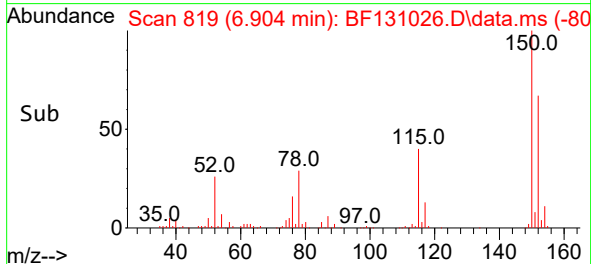
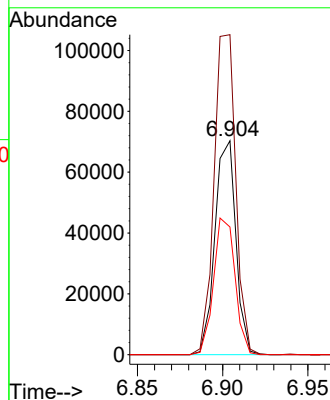
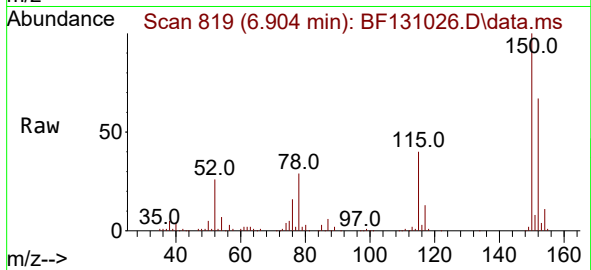




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

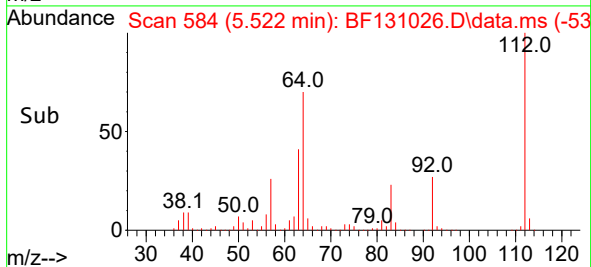
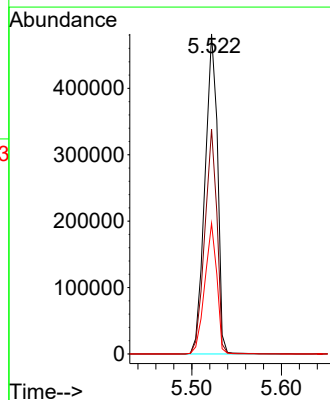
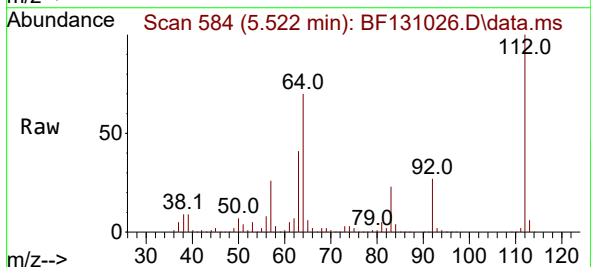
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10

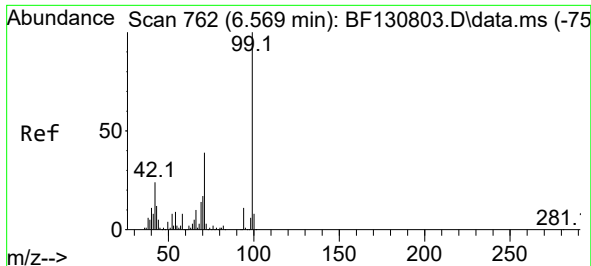
Tgt Ion:152 Resp: 60274
Ion Ratio Lower Upper
152 100
150 149.6 124.1 186.1
115 59.7 50.1 75.1



#5
2-Fluorophenol
Concen: 134.959 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

Tgt Ion:112 Resp: 469223
Ion Ratio Lower Upper
112 100
64 70.2 53.9 80.9
63 40.8 29.4 44.2

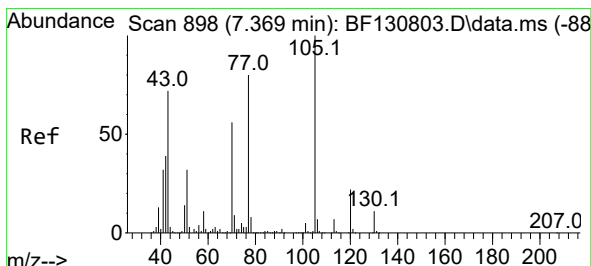
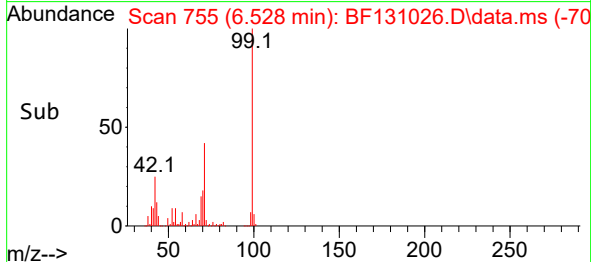
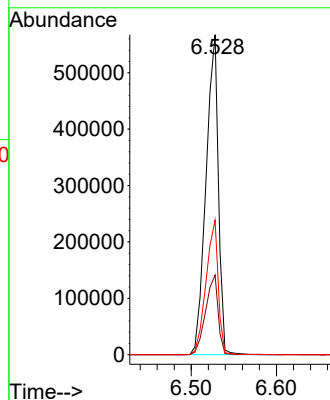
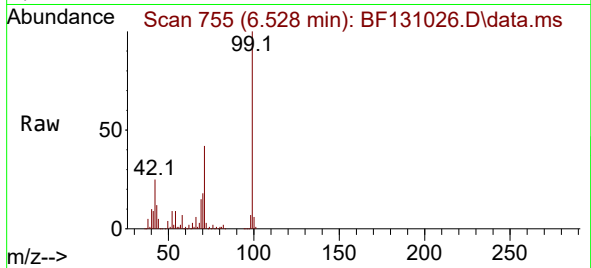




#7
Phenol-d6
Concen: 126.662 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

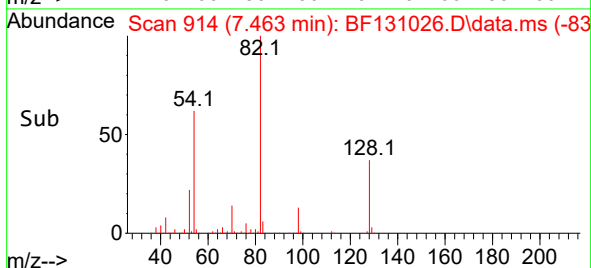
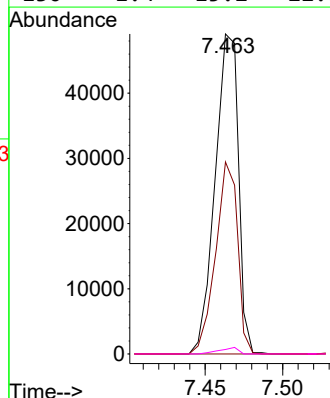
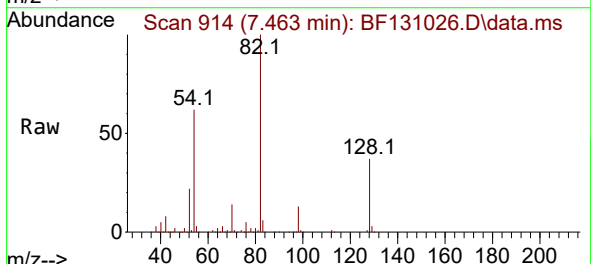
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10

Tgt Ion: 99 Resp: 572269
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 42.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.700 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.141 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

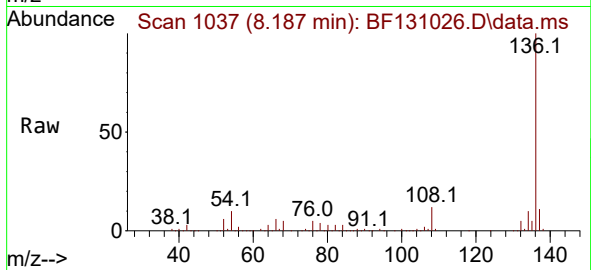
Tgt Ion: 70 Resp: 51336
Ion Ratio Lower Upper
70 100
42 60.0 56.1 84.1
101 0.0 7.3 10.9#
130 1.4 15.2 22.8#



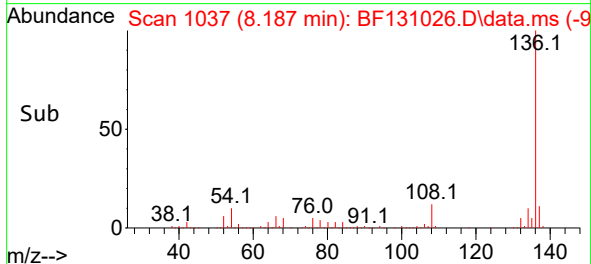
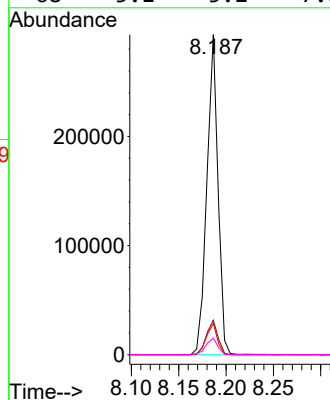


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10

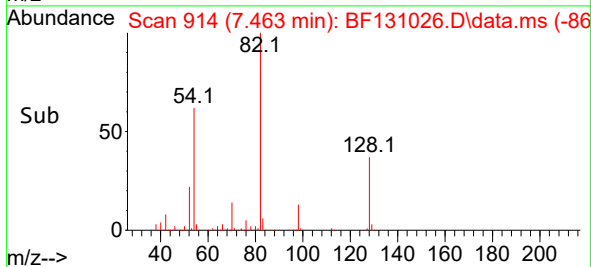
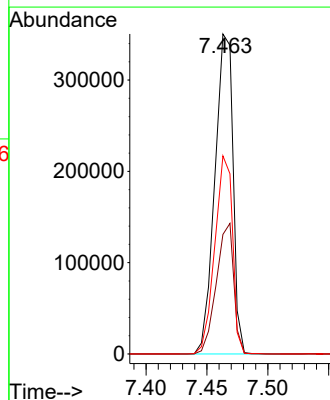
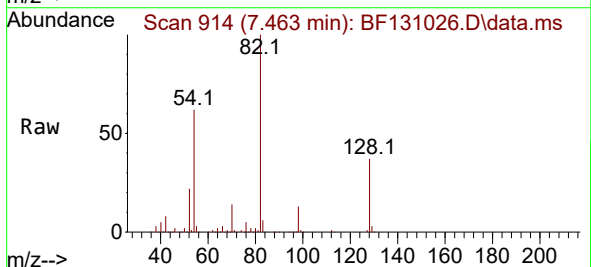


Tgt Ion:136 Resp: 239036
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.7 8.8 13.2
68 5.1 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 92.139 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

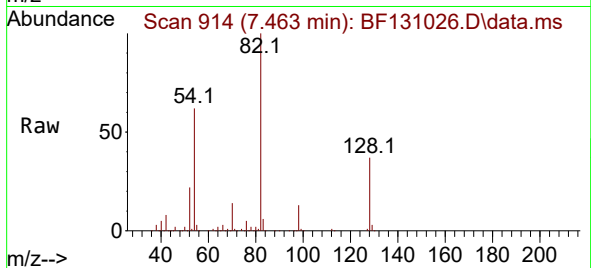
Tgt Ion: 82 Resp: 365257
Ion Ratio Lower Upper
82 100
128 37.4 31.2 46.8
54 61.9 48.0 72.0



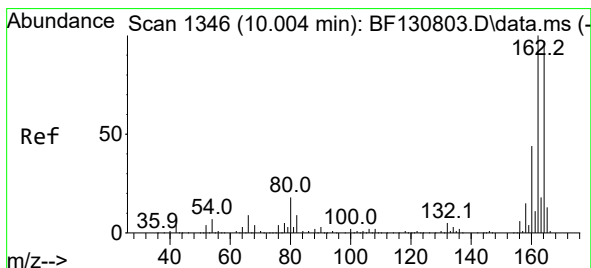
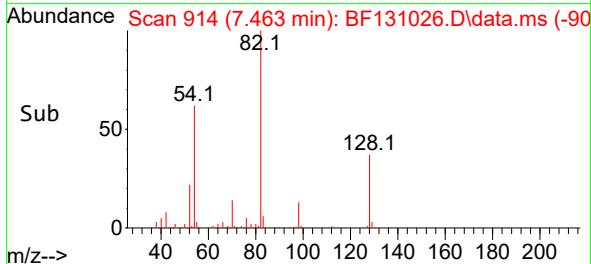
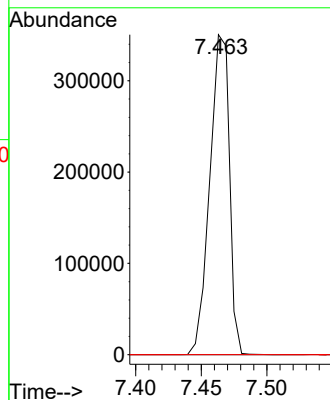


#25
Isophorone
Concen: 44.681 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10

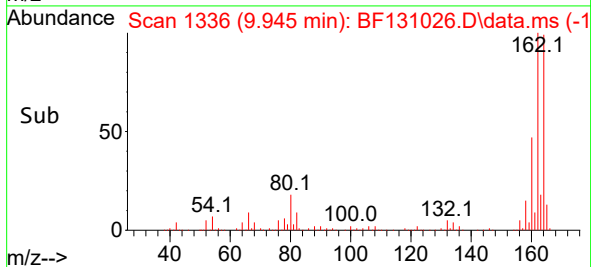
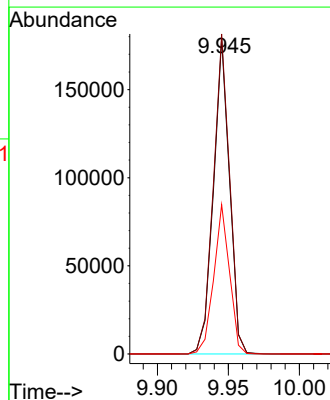
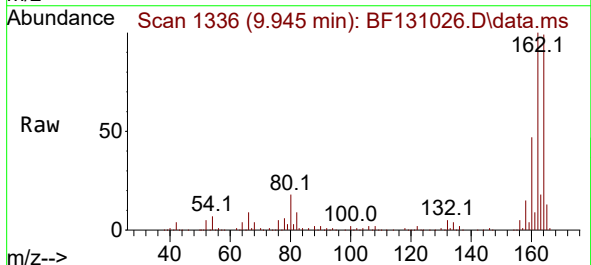


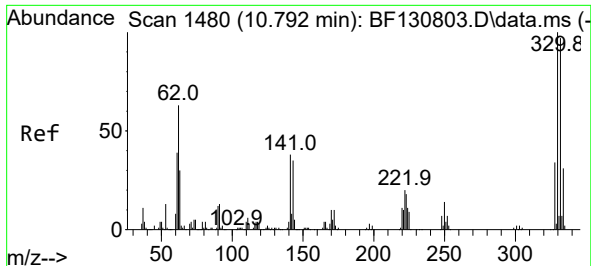
Tgt Ion: 82 Resp: 365251
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

Tgt Ion: 164 Resp: 140302
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 47.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 128.684 ng

RT: 10.739 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131026.D

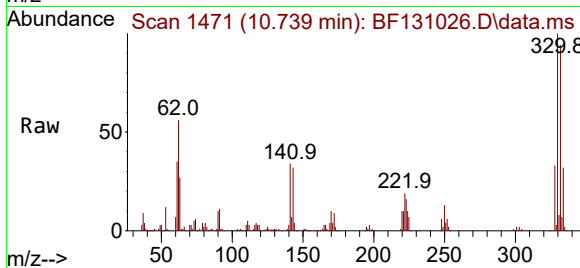
Acq: 05 Nov 2022 18:46

Instrument :

BNA_F

ClientSampleId :

20221111-COMP-10



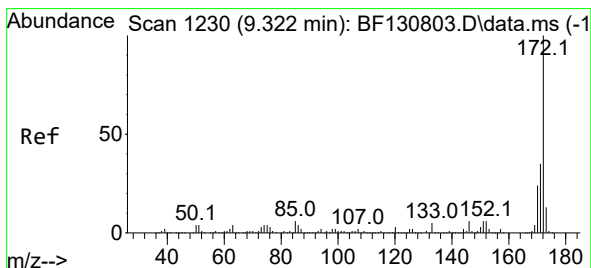
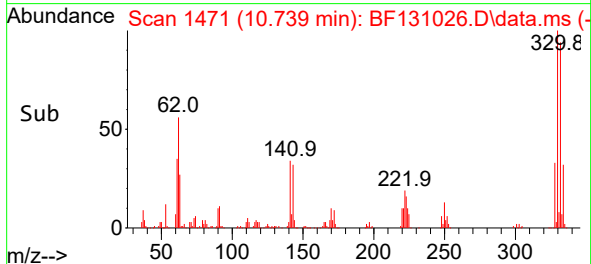
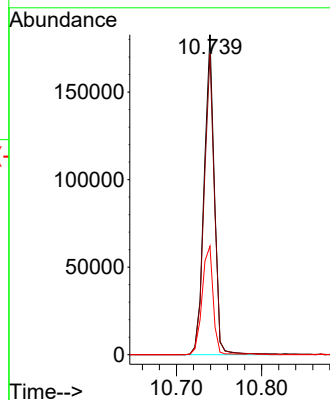
Tgt Ion:330 Resp: 151983

Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 36.7 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 71.802 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131026.D

Acq: 05 Nov 2022 18:46

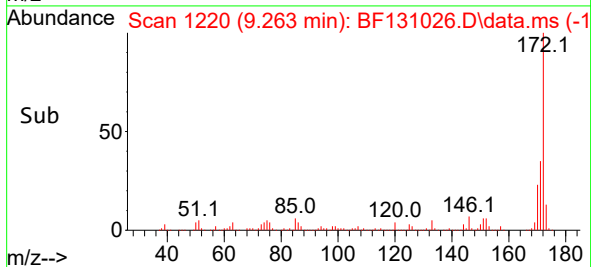
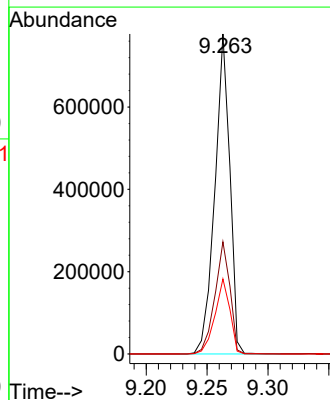
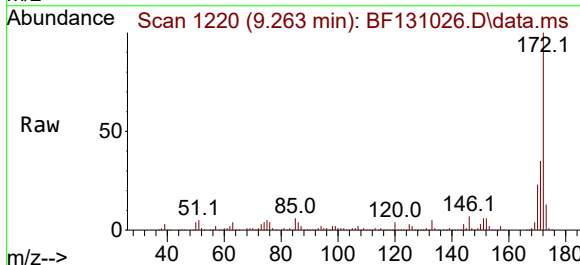
Tgt Ion:172 Resp: 666315

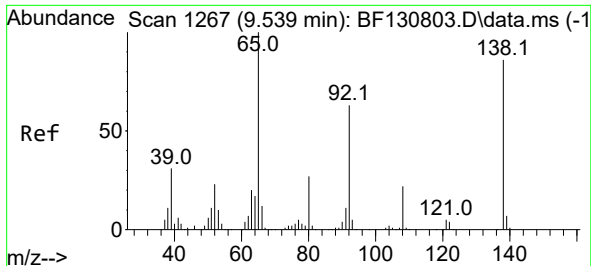
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.5 19.0 28.4

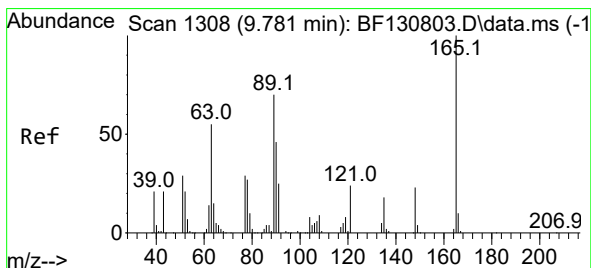
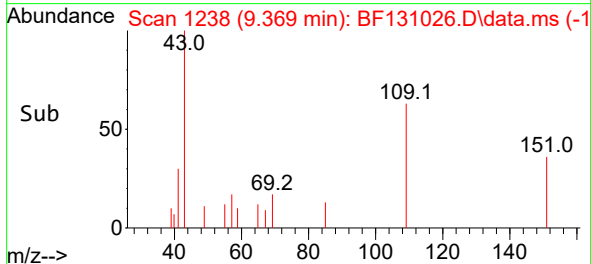
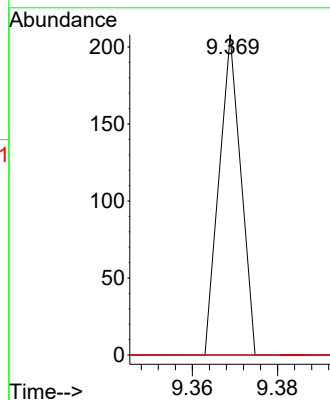
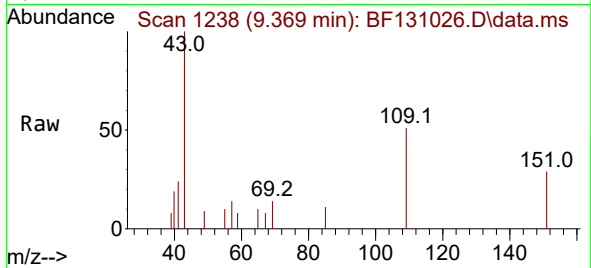




#48
2-Nitroaniline
Concen: 4.173 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.123 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

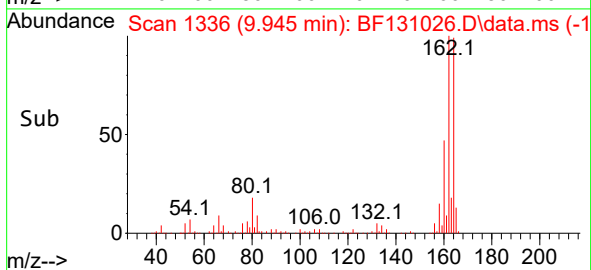
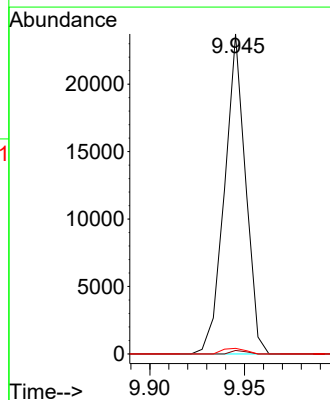
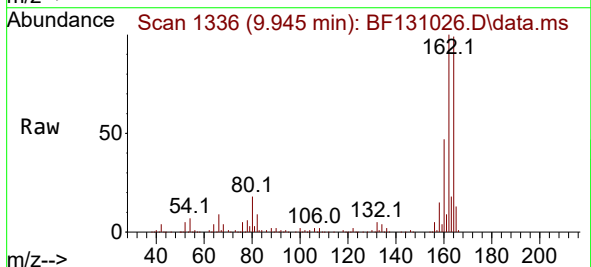
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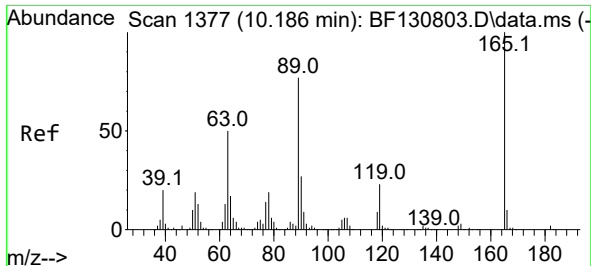
Tgt Ion: 65 Resp: 73
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.211 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

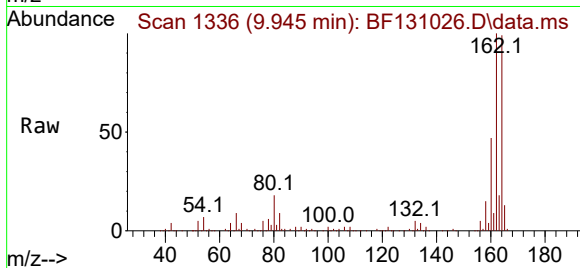
Tgt Ion: 165 Resp: 18325
Ion Ratio Lower Upper
165 100
63 1.1 61.8 92.8#
89 1.8 56.2 84.4#



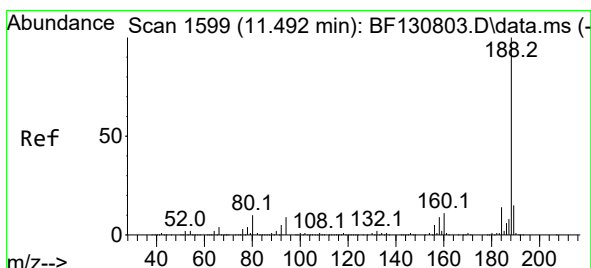
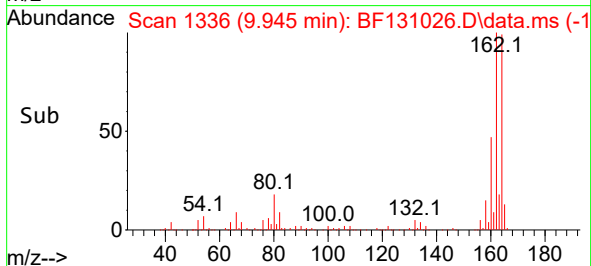
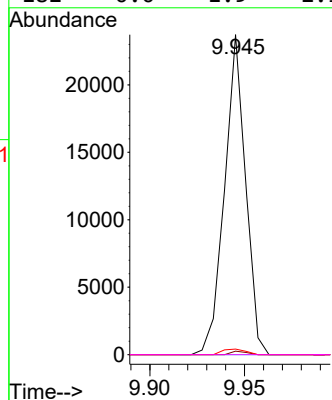


#57
2,4-Dinitrotoluene
Concen: 11.053 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10

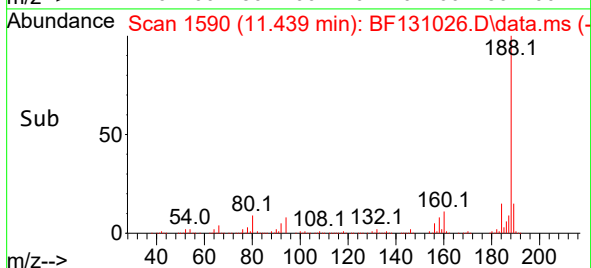
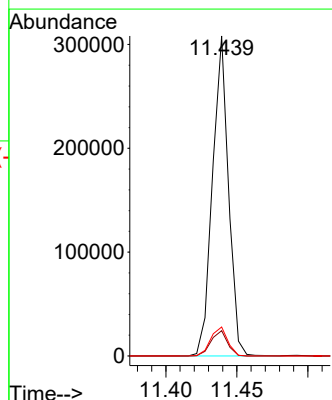
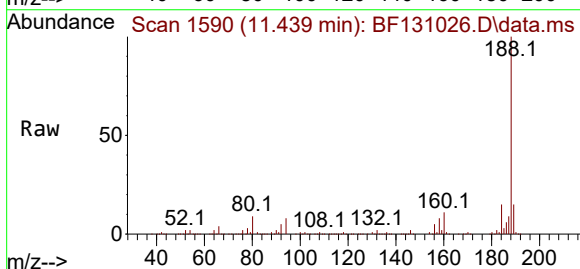


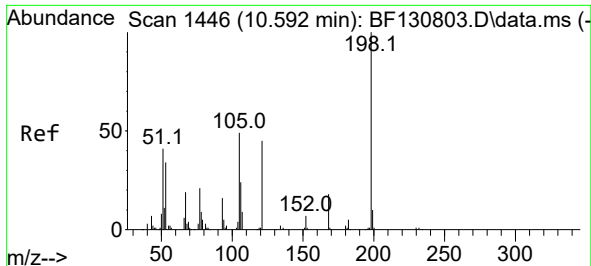
Tgt Ion:165 Resp: 18325
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.8 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

Tgt Ion:188 Resp: 242081
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 9.1 8.0 12.0

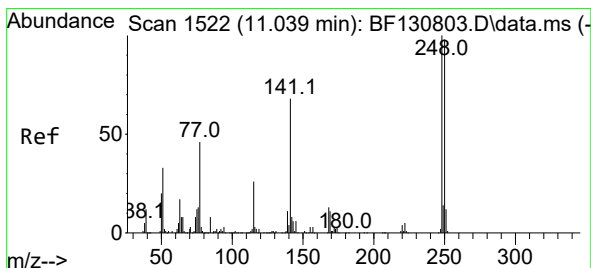
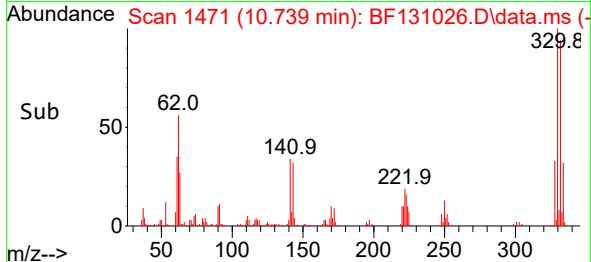
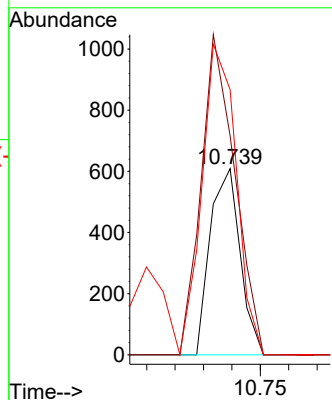
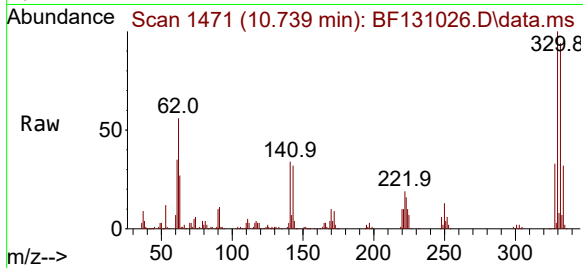




#65
4,6-Dinitro-2-methylphenol
Concen: 8.295 ng
RT: 10.739 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

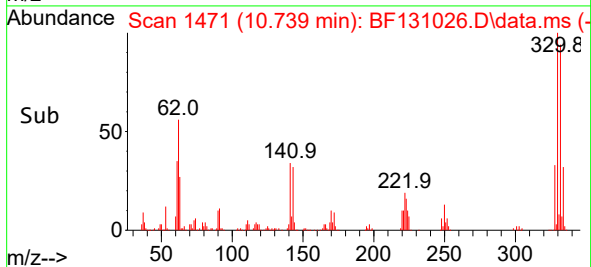
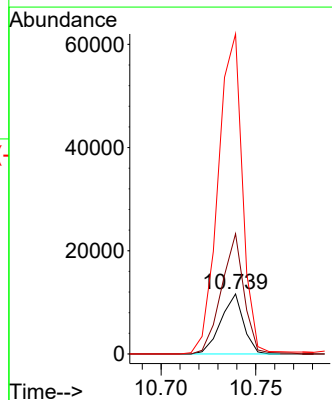
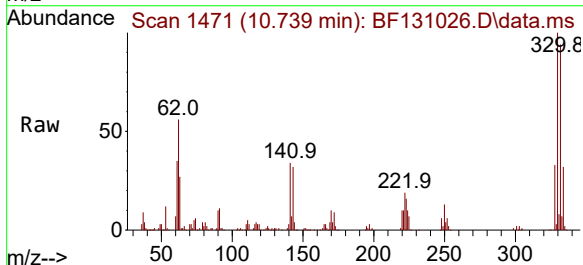
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10

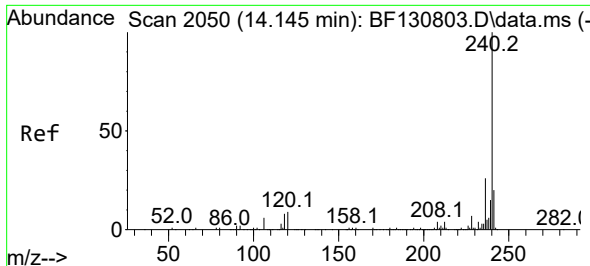
Tgt Ion:198 Resp: 444
Ion Ratio Lower Upper
198 100
51 117.6 39.0 79.0#
105 142.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.974 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.247 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

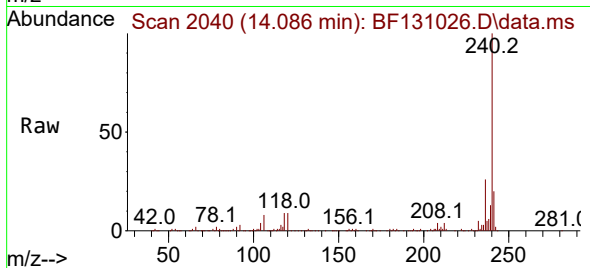
Tgt Ion:248 Resp: 9674
Ion Ratio Lower Upper
248 100
250 200.1 78.6 117.8#
141 532.7 54.2 81.4#



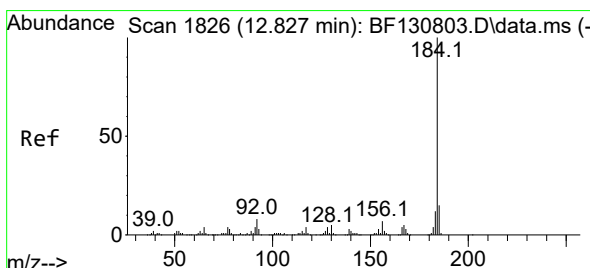
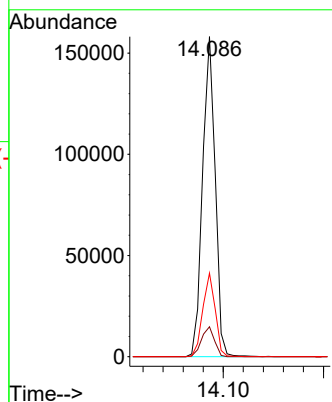
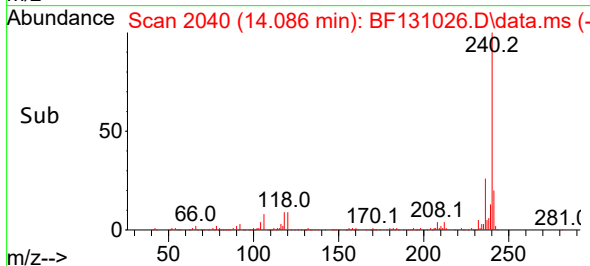


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46

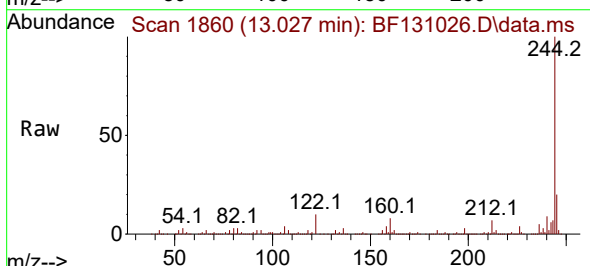
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10



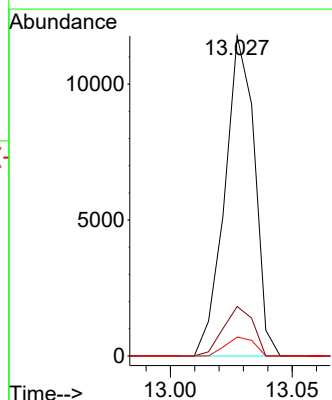
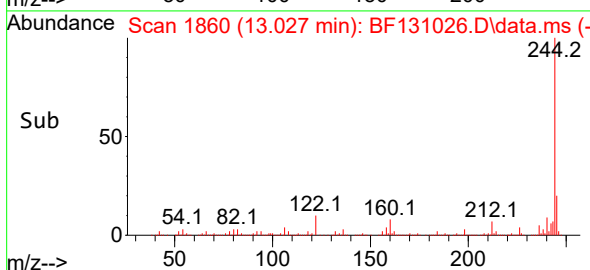
Tgt Ion:240 Resp: 138608
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 26.1 20.5 30.7

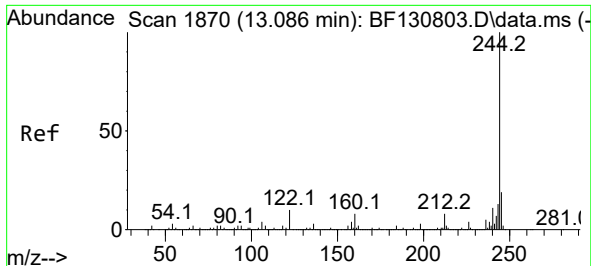


#77
Benzidine
Concen: 2.978 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.247 min
Lab File: BF131026.D
Acq: 05 Nov 2022 18:46



Tgt Ion:184 Resp: 10021
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.8
183 5.9 9.7 14.5#

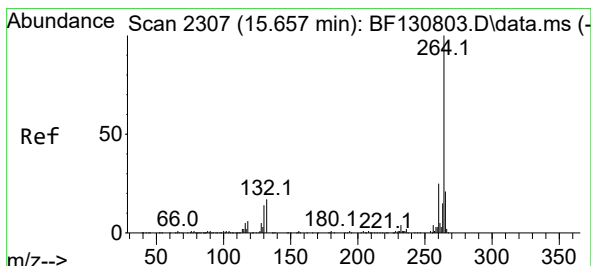
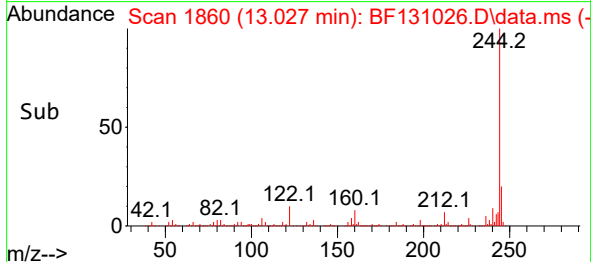
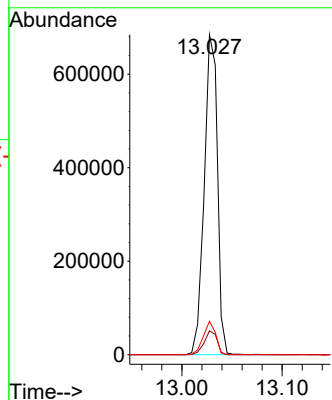
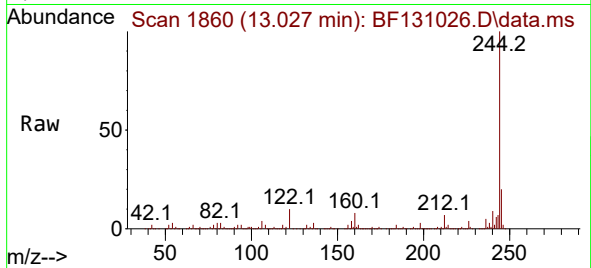




#79
 Terphenyl-d14
 Concen: 83.034 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131026.D
 Acq: 05 Nov 2022 18:46

Instrument :
 BNA_F
 ClientSampleId :
 20221111-COMP-10

Tgt Ion:244 Resp: 628075
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131026.D
 Acq: 05 Nov 2022 18:46

Tgt Ion:264 Resp: 172728
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 265 21.1 17.0 25.6

