

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131004.D
 Acq On : 04 Nov 2022 22:31
 Operator : CG\JU
 Sample : N5318-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221105-COMP-04

Quant Time: Nov 05 00:40:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

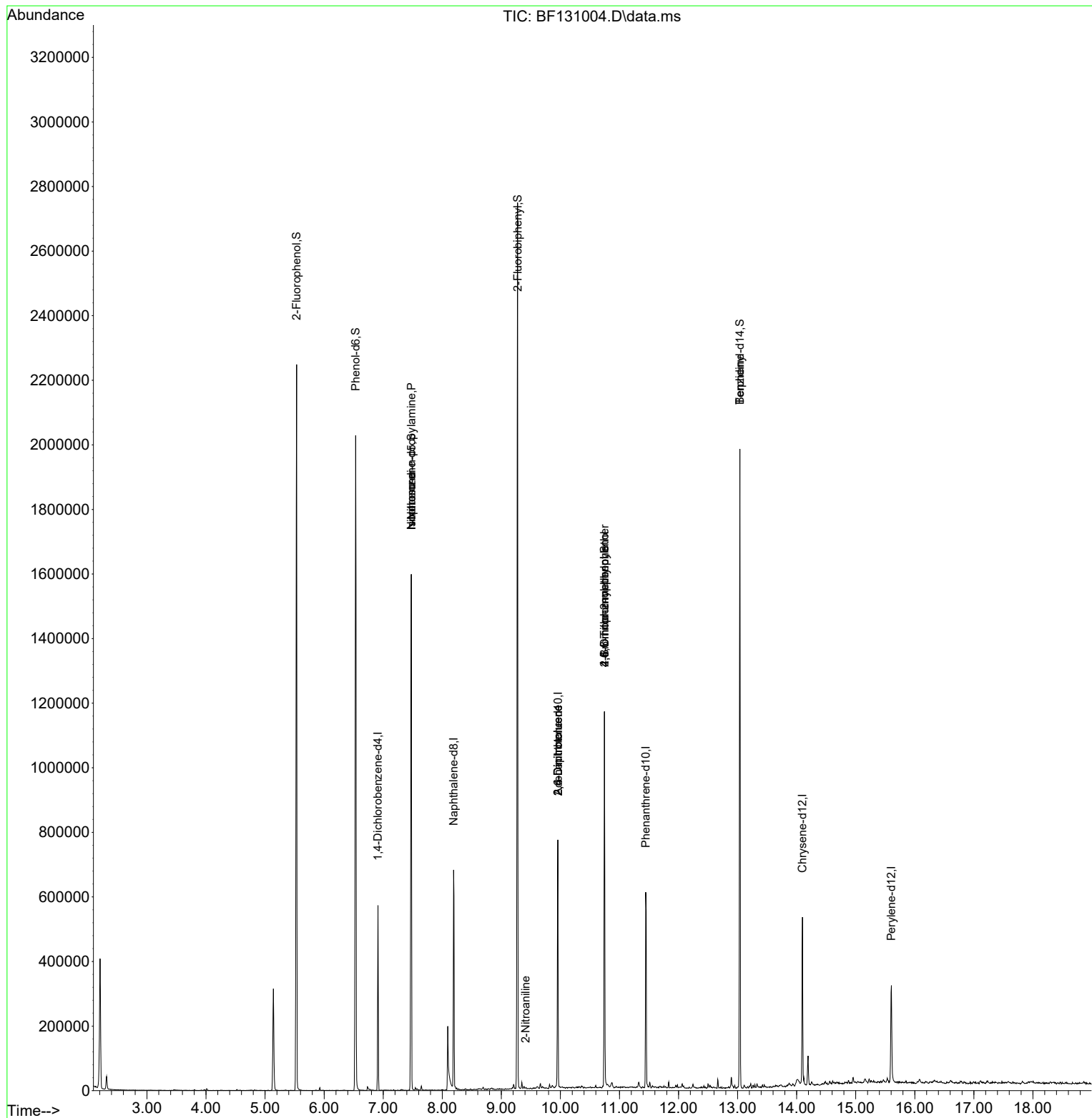
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	70562	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	294048	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	146073	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	216759	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	164315	20.000	ng	0.00
86) Perylene-d12	15.604	264	137789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	539895	132.645	ng	0.00
7) Phenol-d6	6.534	99	694733	131.348	ng	0.00
23) Nitrobenzene-d5	7.475	82	497726	102.066	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	121947	99.173	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	816578	84.517	ng	0.00
79) Terphenyl-d14	13.039	244	630531	70.317	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	68570	19.054	ng	# 74
25) Isophorone	7.475	82	497720	49.495	ng	# 66
48) 2-Nitroaniline	9.410	65	55	4.166	ng	# 12
51) 2,6-Dinitrotoluene	9.957	165	19314	12.327	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	19314	11.144	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.745	198	364	8.264	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	7484	3.433	ng	# 1
77) Benzidine	13.039	184	9761	2.447	ng	# 86

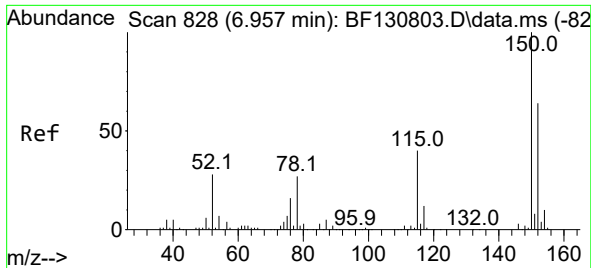
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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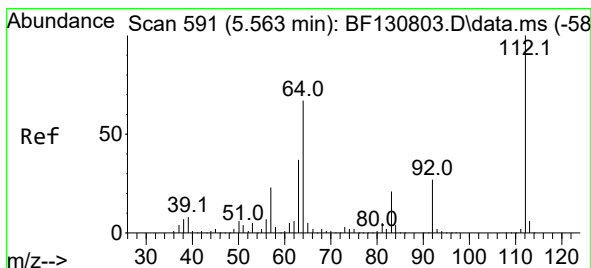
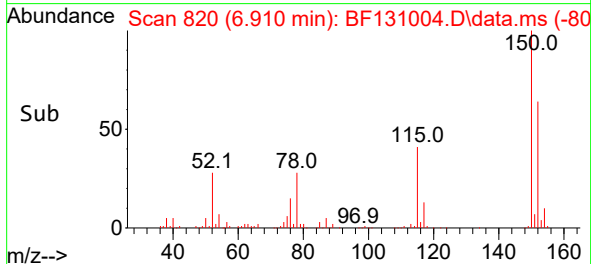
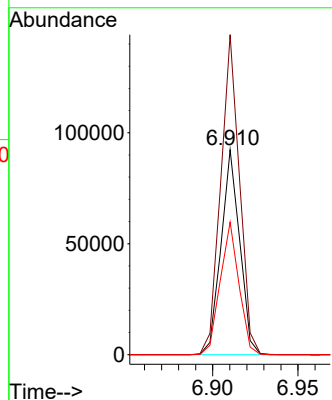
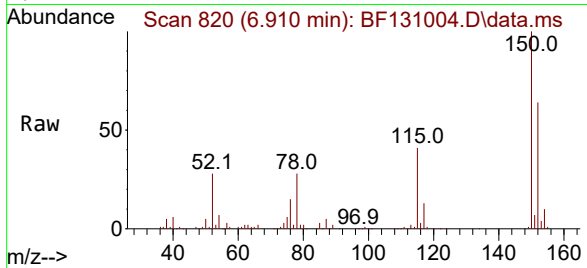




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

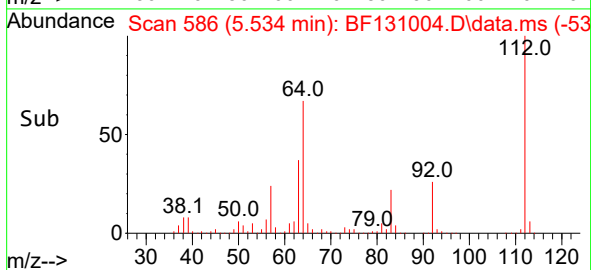
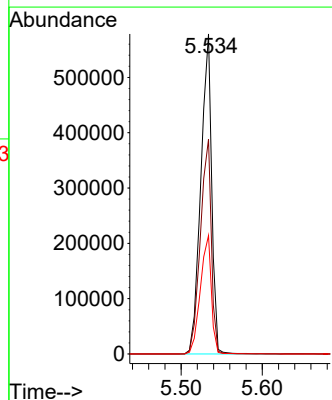
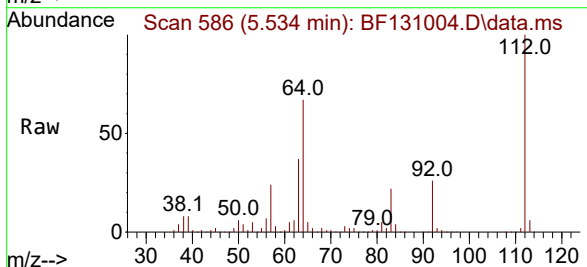
Instrument :
BNA_F
ClientSampleId :
20221105-COMP-04

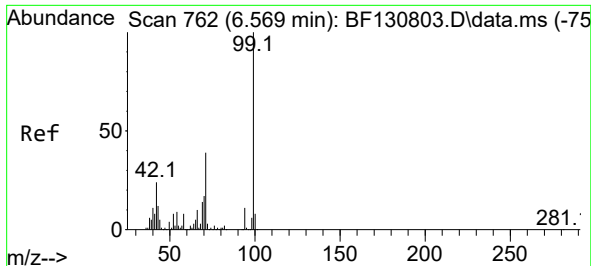
Tgt Ion:152 Resp: 70562
Ion Ratio Lower Upper
152 100
150 156.1 124.1 186.1
115 64.7 50.1 75.1



#5
2-Fluorophenol
Concen: 132.645 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Tgt Ion:112 Resp: 539895
Ion Ratio Lower Upper
112 100
64 67.1 53.9 80.9
63 37.0 29.4 44.2

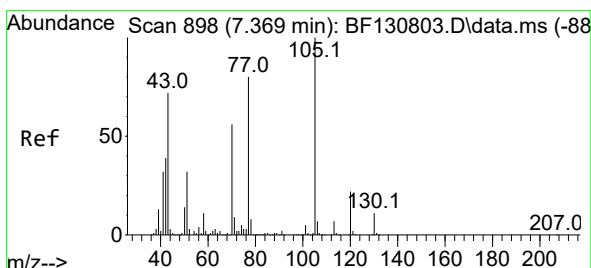
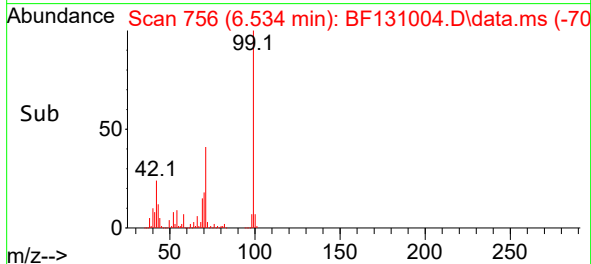
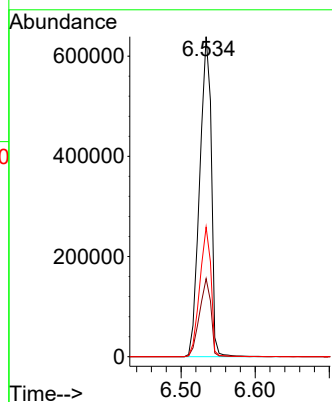
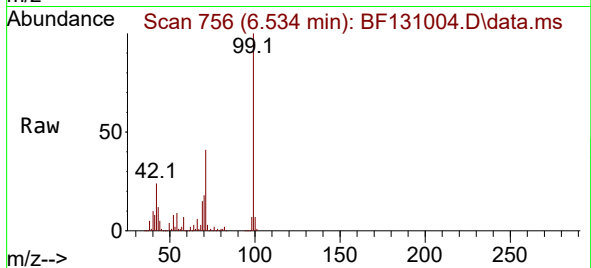




#7
Phenol-d6
Concen: 131.348 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

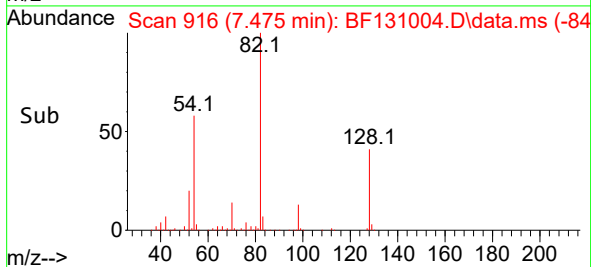
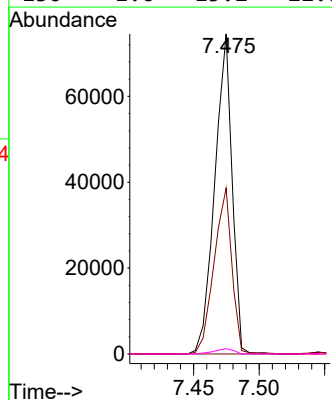
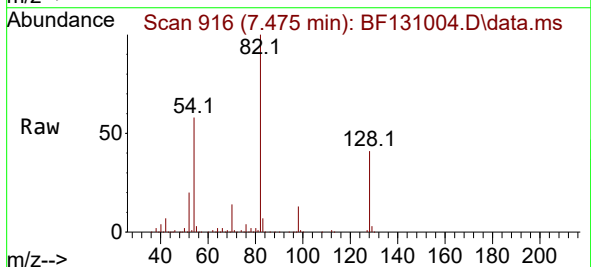
Instrument :
BNA_F
ClientSampleId :
20221105-COMP-04

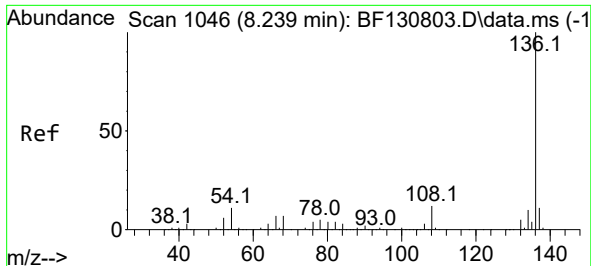
Tgt Ion: 99 Resp: 694733
Ion Ratio Lower Upper
99 100
42 24.4 18.8 28.2
71 40.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.054 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

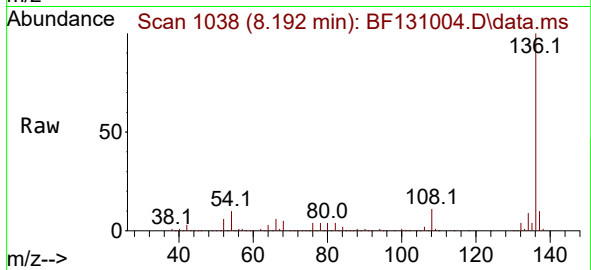
Tgt Ion: 70 Resp: 68570
Ion Ratio Lower Upper
70 100
42 51.8 56.1 84.1#
101 0.0 7.3 10.9#
130 1.6 15.2 22.8#



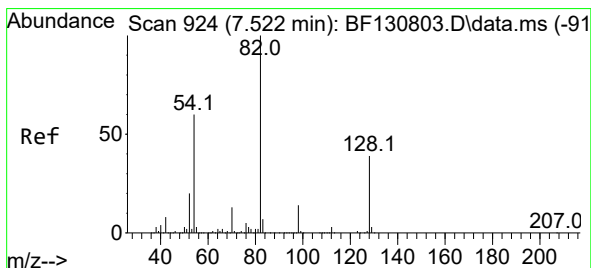
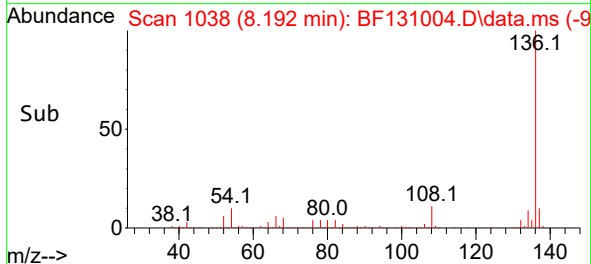
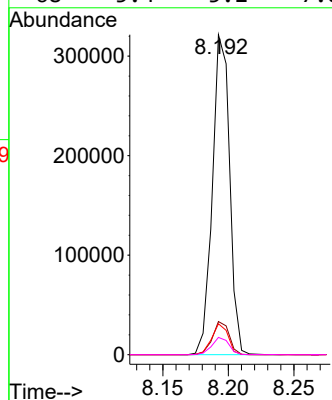


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Instrument :
BNA_F
ClientSampleId :
20221105-COMP-04

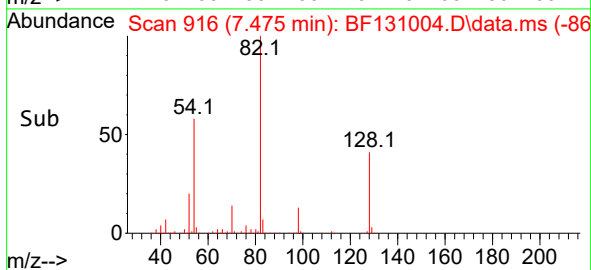
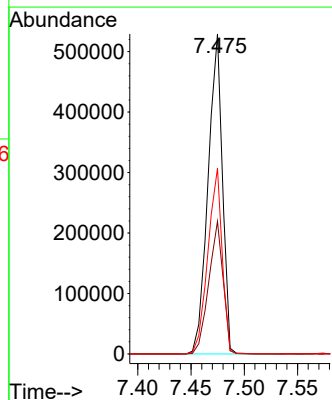
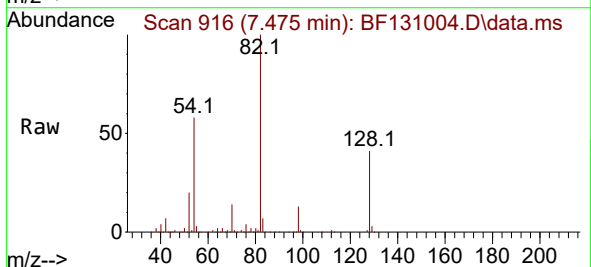


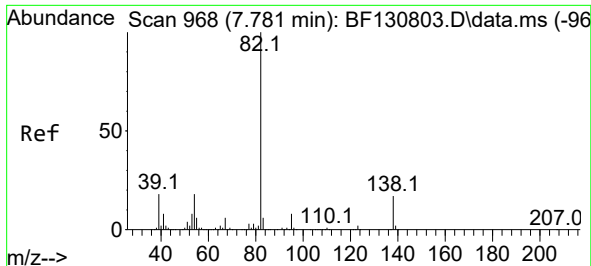
Tgt Ion:136 Resp: 294048
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 9.7 8.8 13.2
68 5.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 102.066 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Tgt Ion: 82 Resp: 497726
Ion Ratio Lower Upper
82 100
128 41.5 31.2 46.8
54 58.0 48.0 72.0

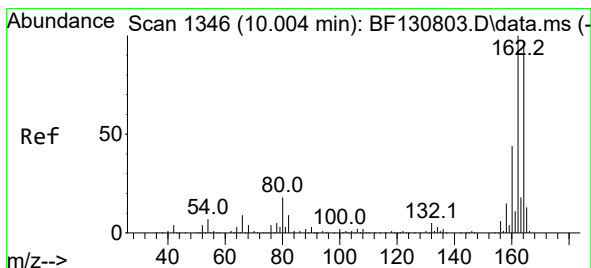
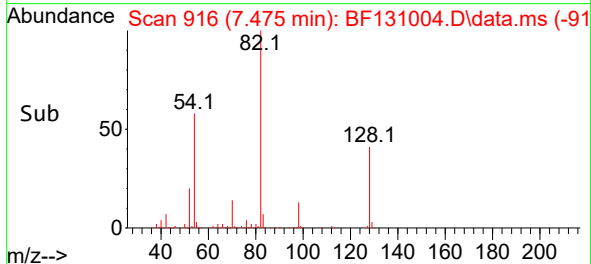
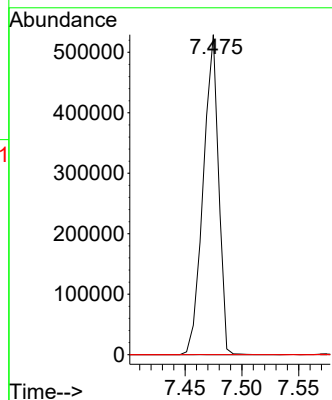
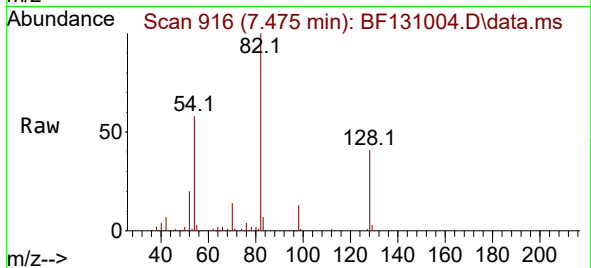




#25
Isophorone
Concen: 49.495 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

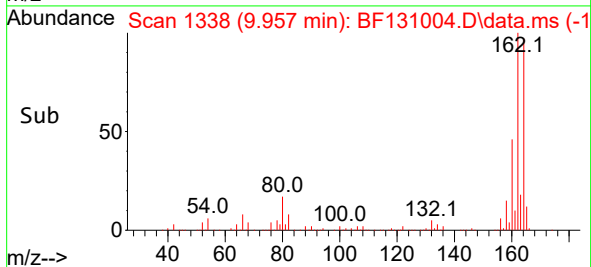
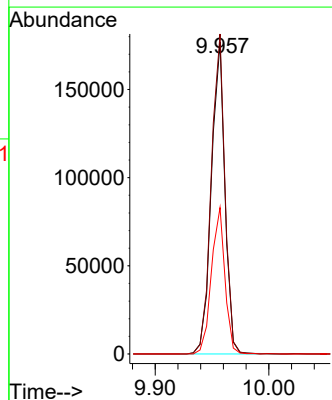
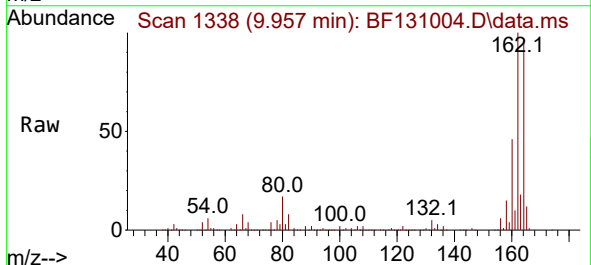
Instrument :
BNA_F
ClientSampleId :
20221105-COMP-04

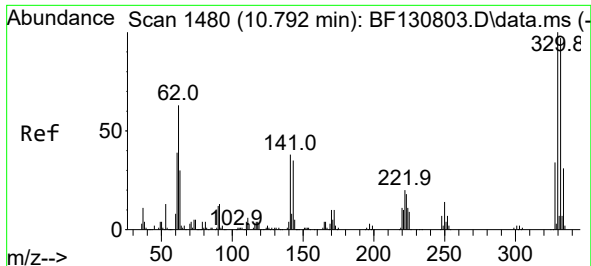
Tgt Ion: 82 Resp: 497720
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

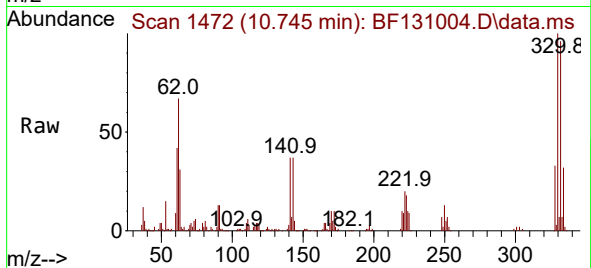
Tgt Ion:164 Resp: 146073
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 46.9 36.6 54.8



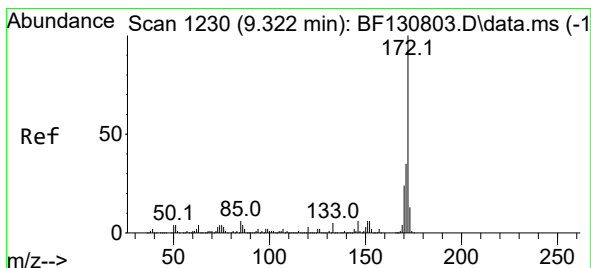
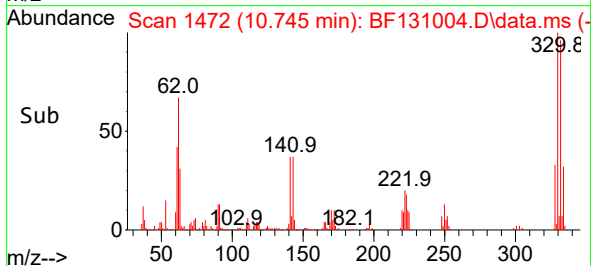
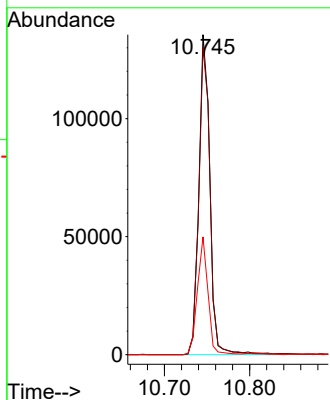


#42
2,4,6-Tribromophenol
Concen: 99.173 ng
RT: 10.745 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Instrument :
BNA_F
ClientSampleId :
20221105-COMP-04

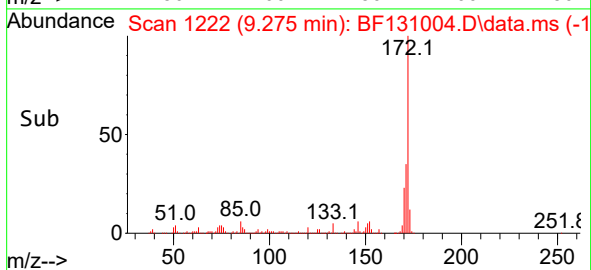
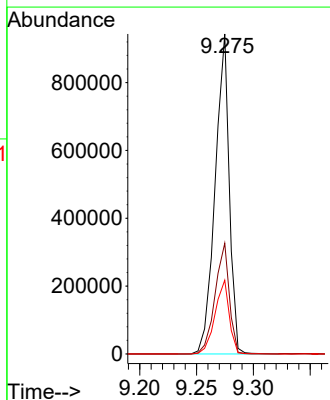
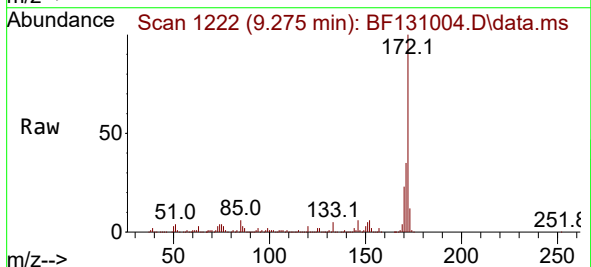


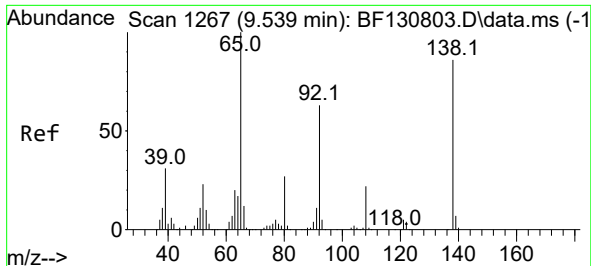
Tgt Ion:330 Resp: 121947
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 35.2 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 84.517 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Tgt Ion:172 Resp: 816578
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.1 19.0 28.4

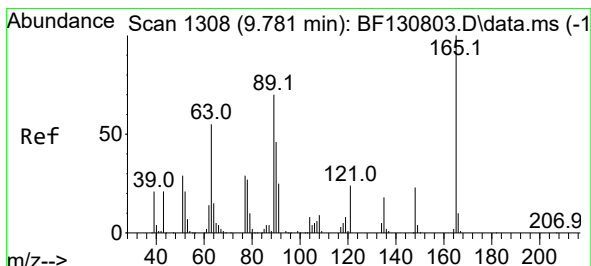
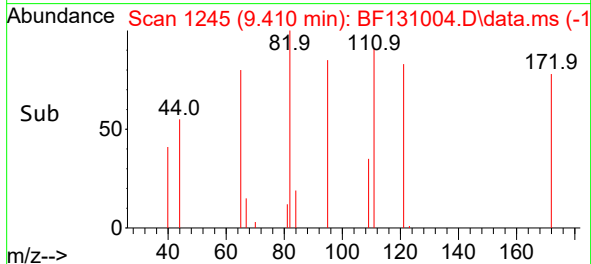
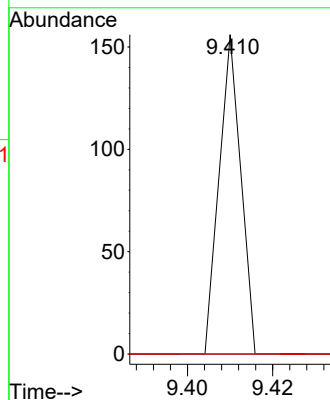
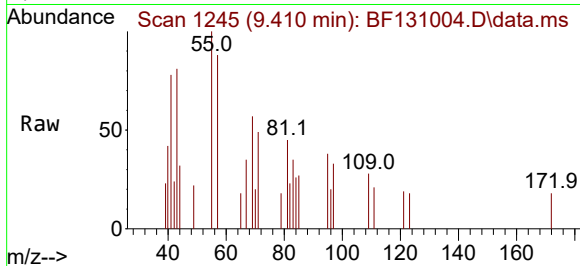




#48
2-Nitroaniline
Concen: 4.166 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.094 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

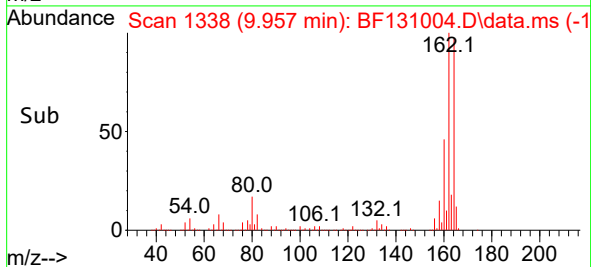
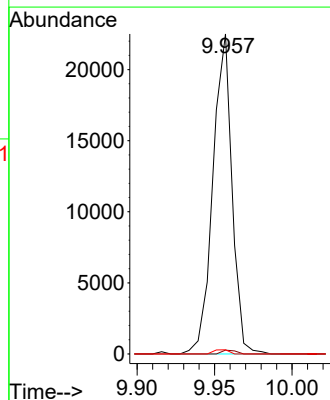
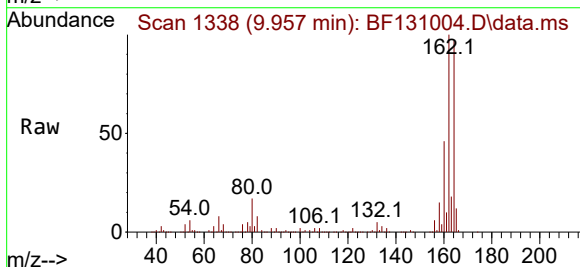
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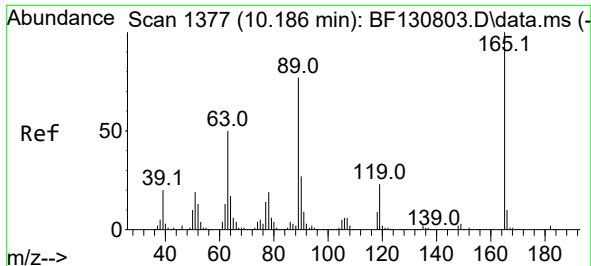
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.327 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

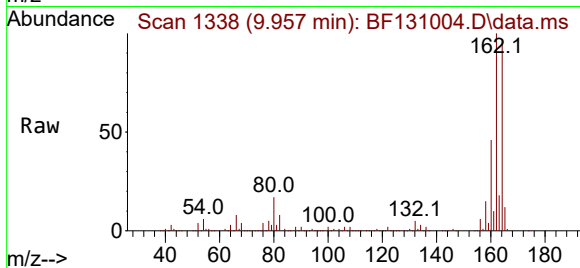
Tgt Ion: 165 Resp: 19314
Ion Ratio Lower Upper
165 100
63 1.2 61.8 92.8#
89 1.3 56.2 84.4#



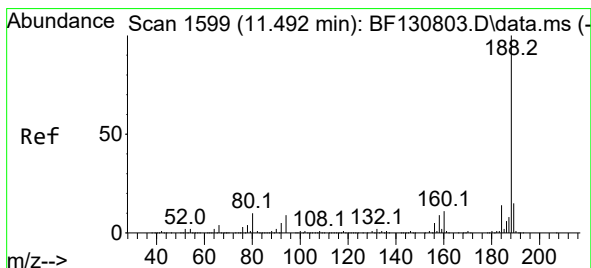
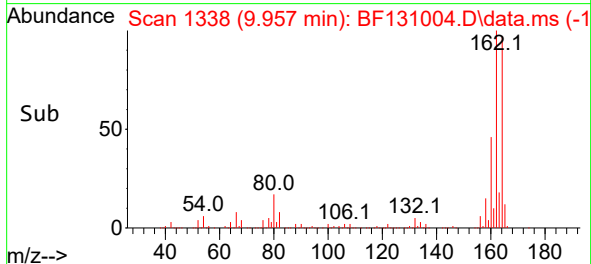
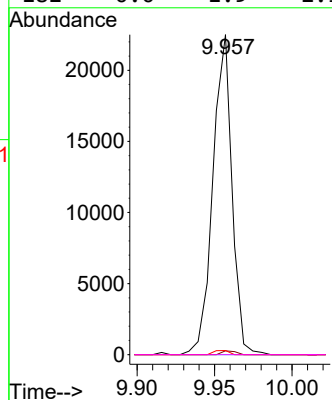


#57
2,4-Dinitrotoluene
Concen: 11.144 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Instrument :
BNA_F
ClientSampleId :
20221105-COMP-04

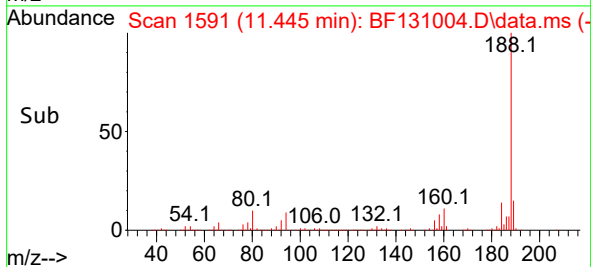
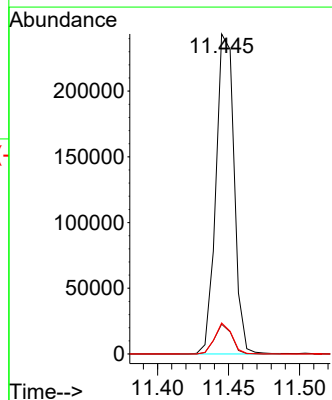
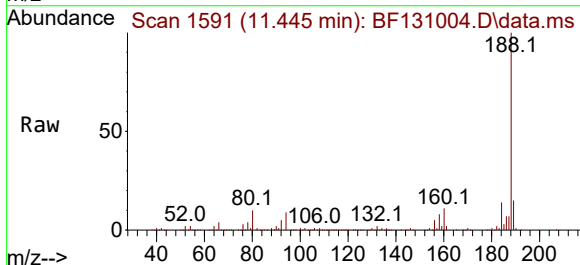


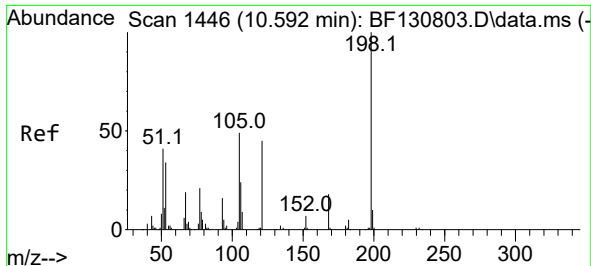
Tgt Ion:165 Resp: 19314
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.3 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Tgt Ion:188 Resp: 216759
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.7 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.264 ng

RT: 10.745 min Scan# 1446

Delta R.T. 0.182 min

Lab File: BF131004.D

Acq: 04 Nov 2022 22:31

Instrument :

BNA_F

ClientSampleId :

20221105-COMP-04

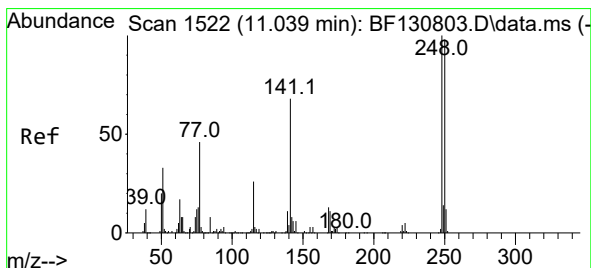
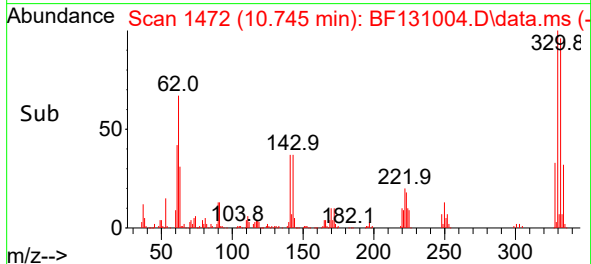
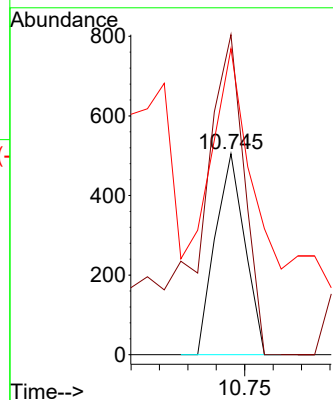
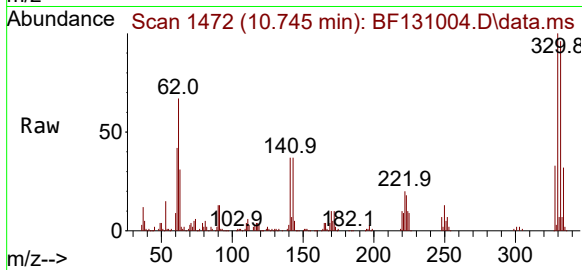
Tgt Ion:198 Resp: 364

Ion Ratio Lower Upper

198 100

51 159.2 39.0 79.0#

105 152.3 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 3.433 ng

RT: 10.745 min Scan# 1472

Delta R.T. -0.253 min

Lab File: BF131004.D

Acq: 04 Nov 2022 22:31

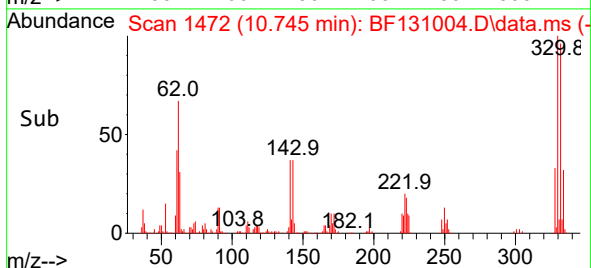
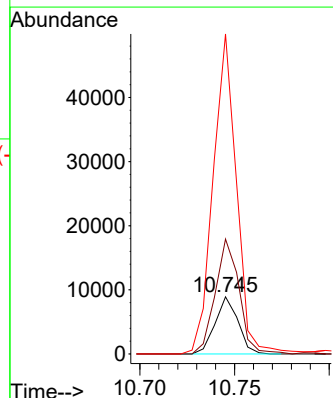
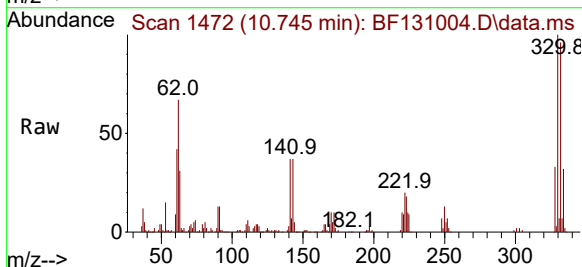
Tgt Ion:248 Resp: 7484

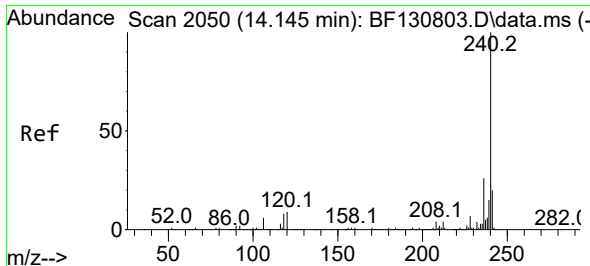
Ion Ratio Lower Upper

248 100

250 201.4 78.6 117.8#

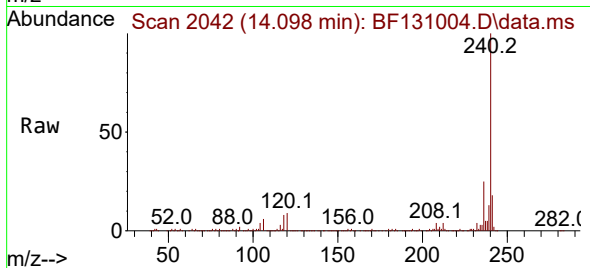
141 560.8 54.2 81.4#



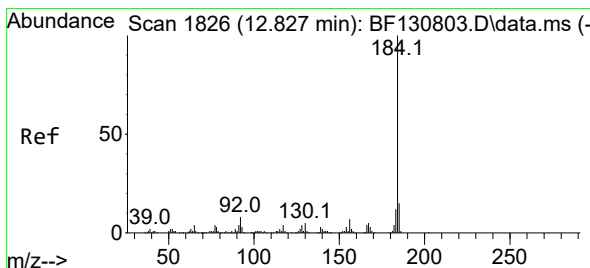
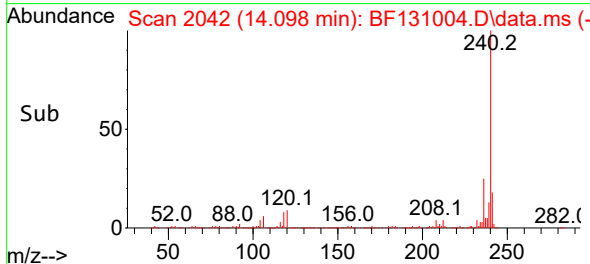
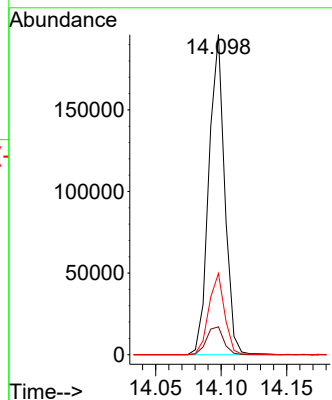


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Instrument :
BNA_F
ClientSampleId :
20221105-COMP-04

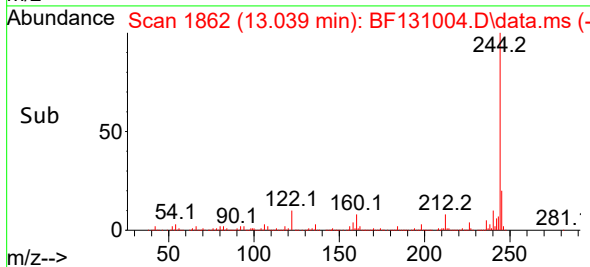
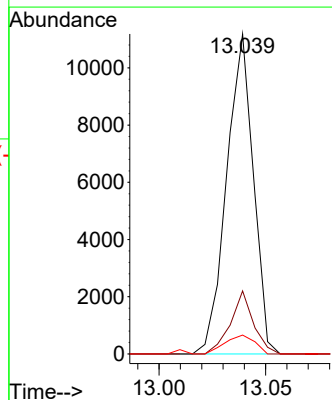
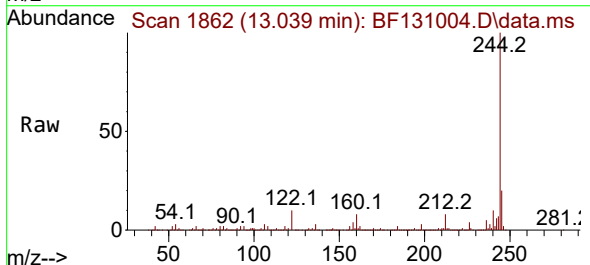


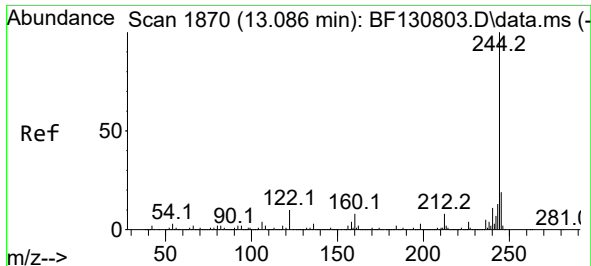
Tgt Ion:240 Resp: 164315
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 25.4 20.5 30.7



#77
Benzidine
Concen: 2.447 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF131004.D
Acq: 04 Nov 2022 22:31

Tgt Ion:184 Resp: 9761
Ion Ratio Lower Upper
184 100
185 19.7 11.8 17.8#
183 5.9 9.7 14.5#

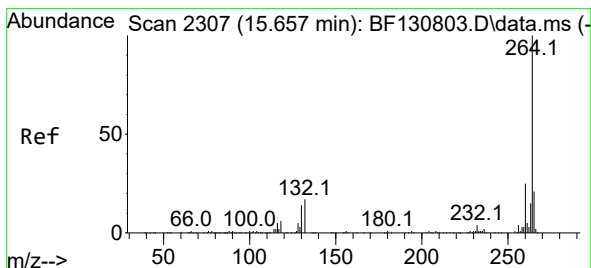
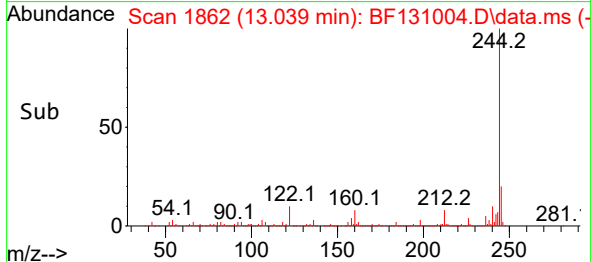
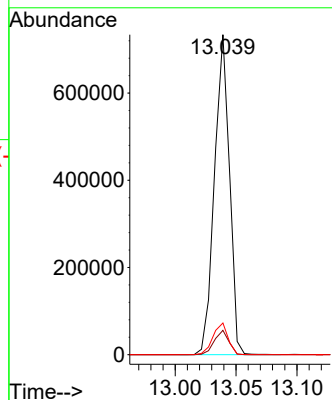
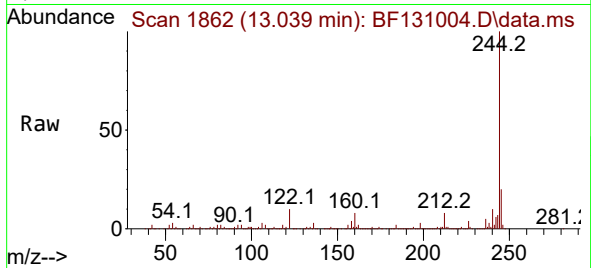




#79
 Terphenyl-d14
 Concen: 70.317 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131004.D
 Acq: 04 Nov 2022 22:31

Instrument :
 BNA_F
 ClientSampleId :
 20221105-COMP-04

Tgt Ion:244 Resp: 630531
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131004.D
 Acq: 04 Nov 2022 22:31

Tgt Ion:264 Resp: 137789
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 21.1 17.0 25.6

