

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130821.D
 Acq On : 28 Oct 2022 11:52
 Operator : CG\JU
 Sample : N5268-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-102422

Quant Time: Oct 28 16:50:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

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

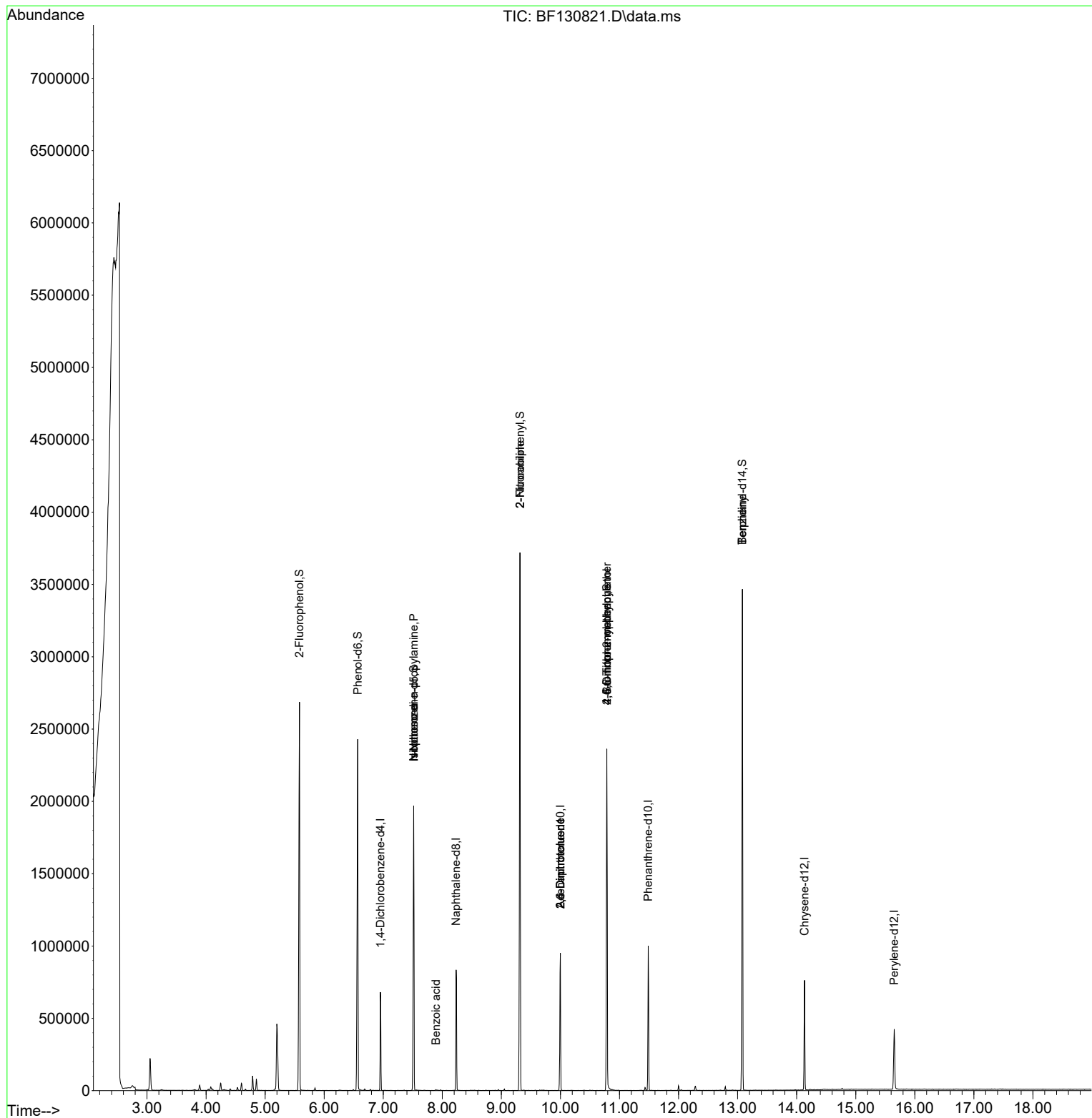
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	90882	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	351972	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	193700	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	341762	20.000	ng	0.00
76) Chrysene-d12	14.133	240	235733	20.000	ng	-0.01
86) Perylene-d12	15.651	264	191831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	675433	128.842	ng	0.02
7) Phenol-d6	6.569	99	789574	115.902	ng	0.00
23) Nitrobenzene-d5	7.516	82	613409	105.087	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	255582	156.745	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1119569	87.385	ng	0.00
79) Terphenyl-d14	13.080	244	1148093	89.246	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	86171	18.591	ng	# 78
25) Isophorone	7.516	82	613531	50.971	ng	# 66
32) Benzoic acid	7.892	122	1081	7.935	ng	# 90
48) 2-Nitroaniline	9.316	65	2279	4.732	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	24440	11.891	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	24440	10.804	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	706	8.341	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	16488	4.797	ng	# 1
77) Benzidine	13.080	184	18056	3.155	ng	# 92

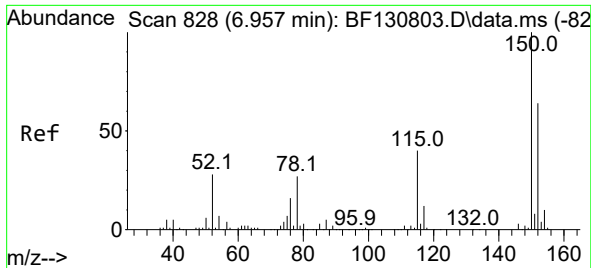
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
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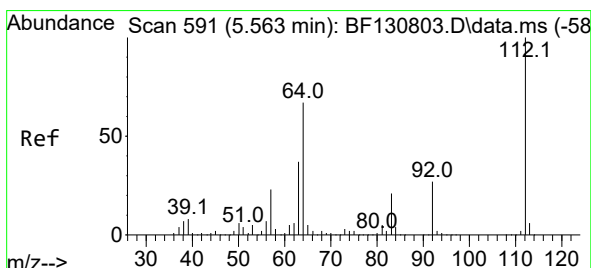
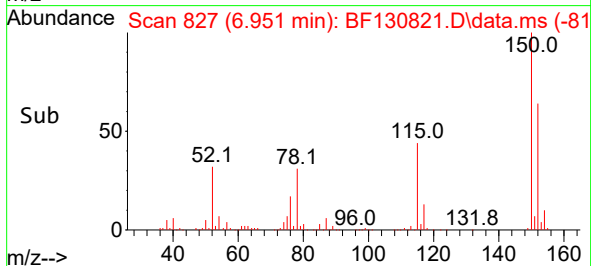
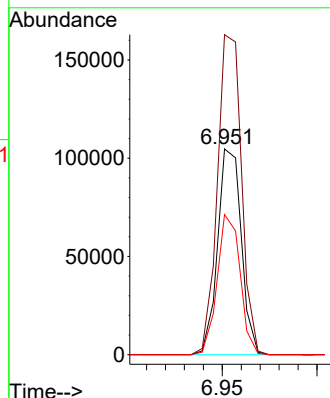
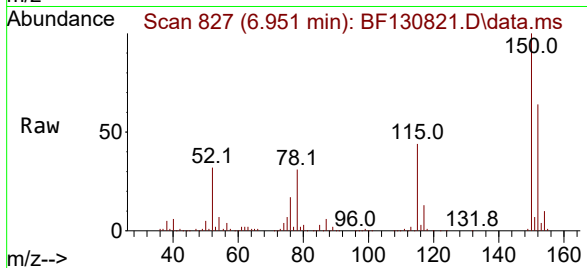




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

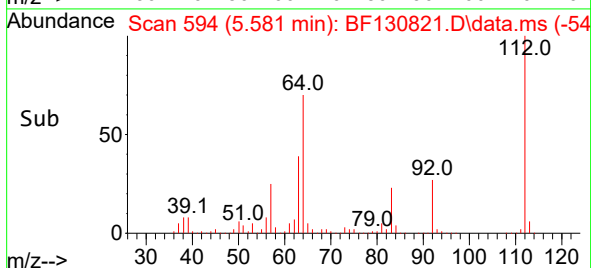
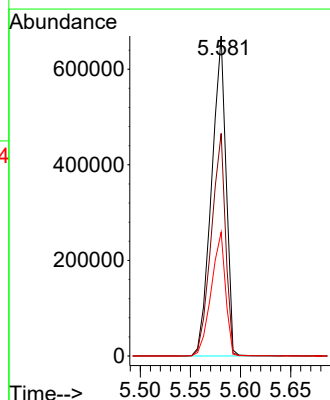
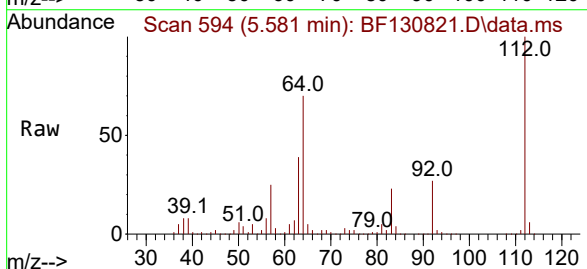
Instrument :
BNA_F
ClientSampleId :
OK-03-102422

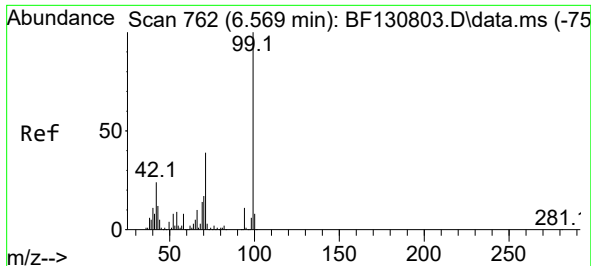
Tgt Ion:152 Resp: 90882
Ion Ratio Lower Upper
152 100
150 155.5 124.1 186.1
115 68.2 50.1 75.1



#5
2-Fluorophenol
Concen: 128.842 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

Tgt Ion:112 Resp: 675433
Ion Ratio Lower Upper
112 100
64 69.5 53.9 80.9
63 38.7 29.4 44.2

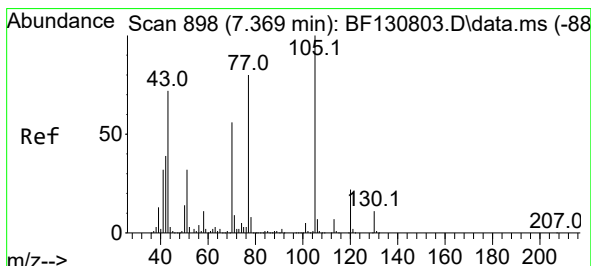
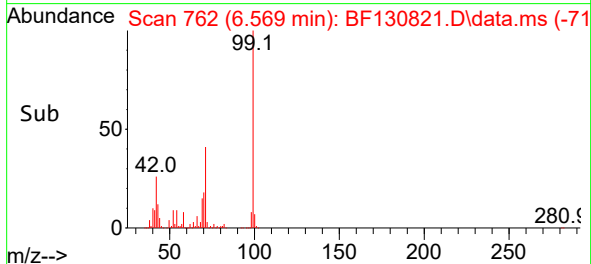
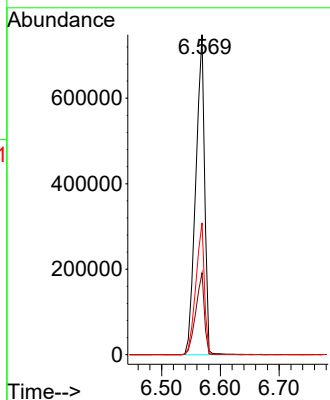
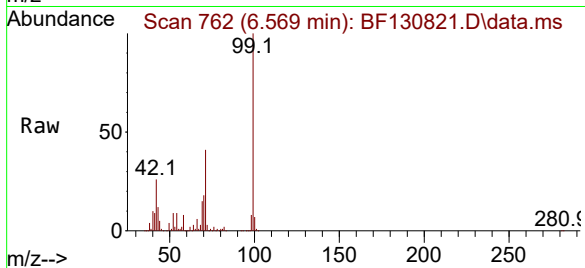




#7
Phenol-d6
Concen: 115.902 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

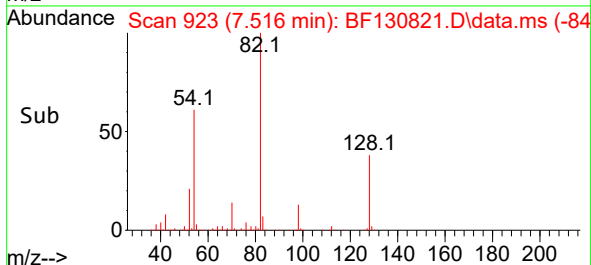
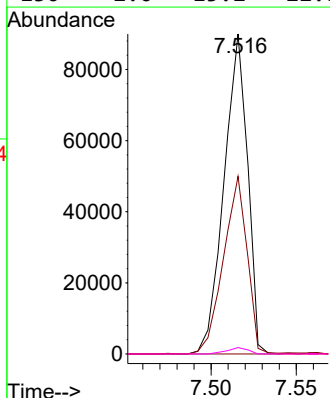
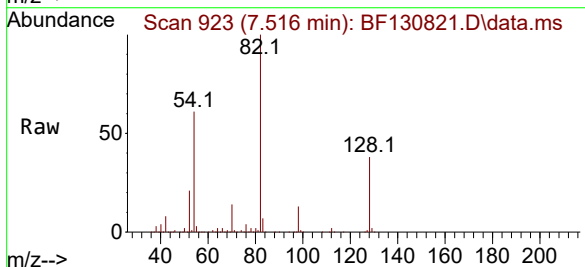
Instrument :
BNA_F
ClientSampleId :
OK-03-102422

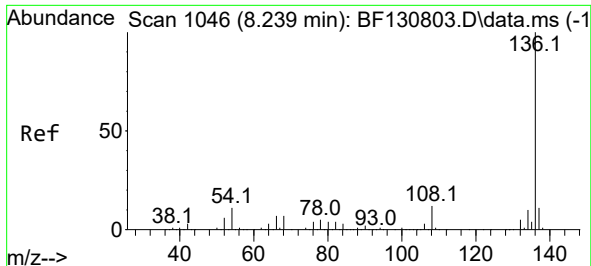
Tgt Ion: 99 Resp: 789574
Ion Ratio Lower Upper
99 100
42 25.6 18.8 28.2
71 41.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.591 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

Tgt Ion: 70 Resp: 86171
Ion Ratio Lower Upper
70 100
42 55.5 56.1 84.1#
101 0.0 7.3 10.9#
130 2.0 15.2 22.8#



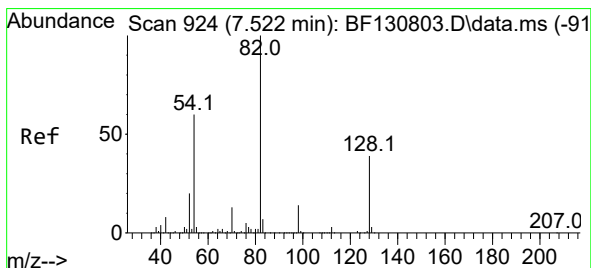
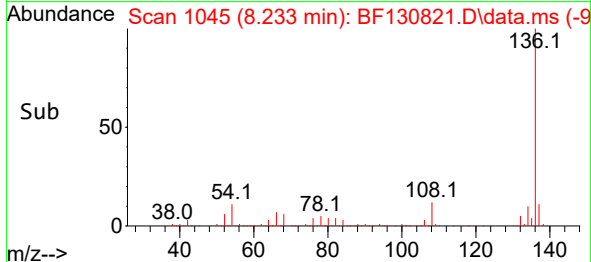
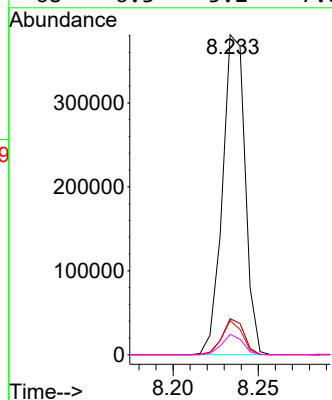
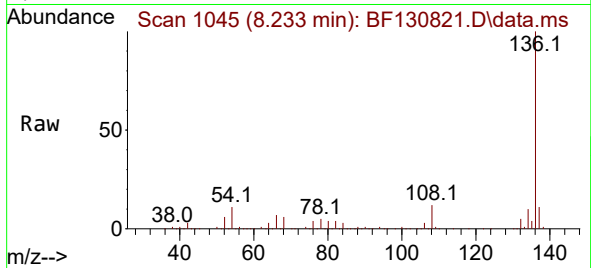


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

Instrument :
BNA_F
ClientSampleId :
OK-03-102422

Tgt Ion:136 Resp: 351972

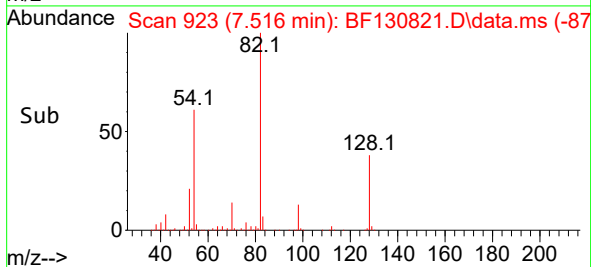
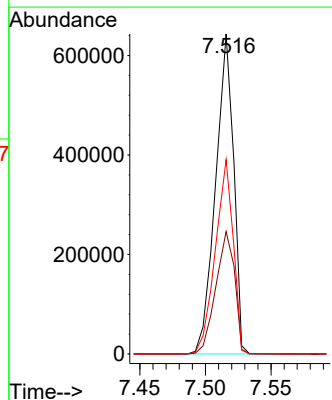
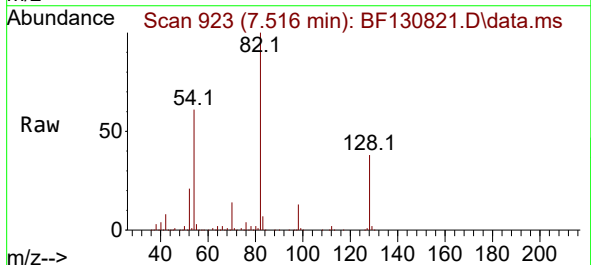
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.6	8.8	13.2
68	6.3	5.2	7.8

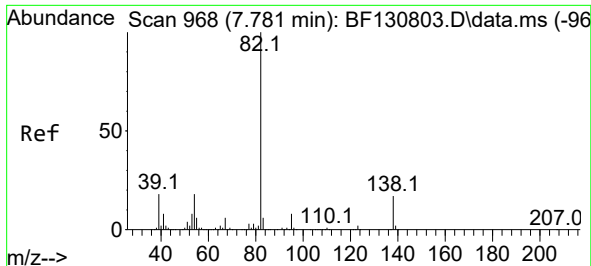


#23
Nitrobenzene-d5
Concen: 105.087 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

Tgt Ion: 82 Resp: 613409

Ion	Ratio	Lower	Upper
82	100		
128	38.2	31.2	46.8
54	60.8	48.0	72.0

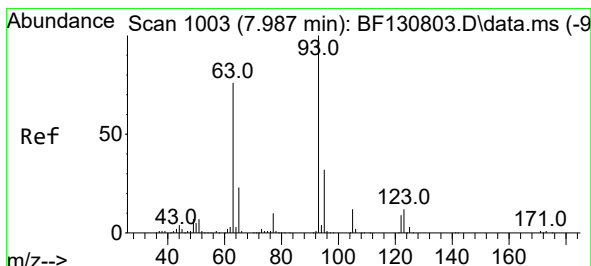
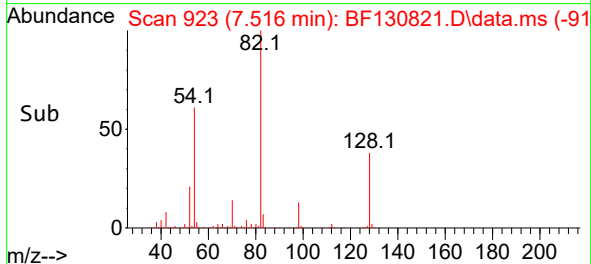
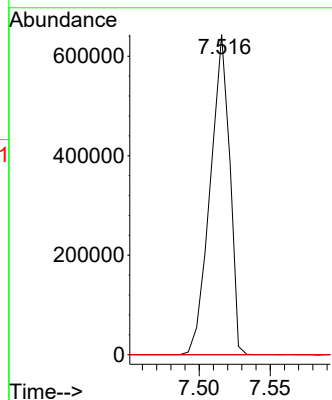
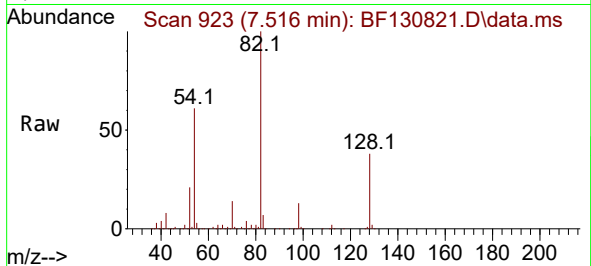




#25
Isophorone
Concen: 50.971 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

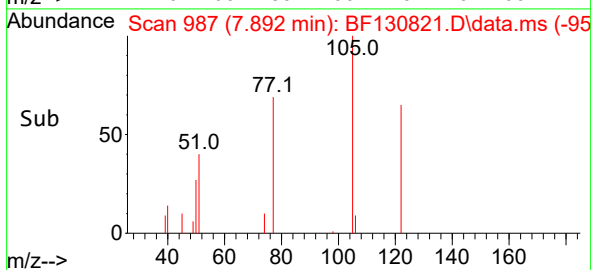
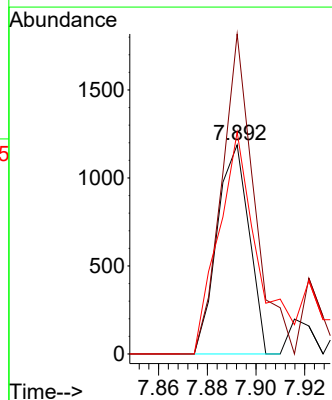
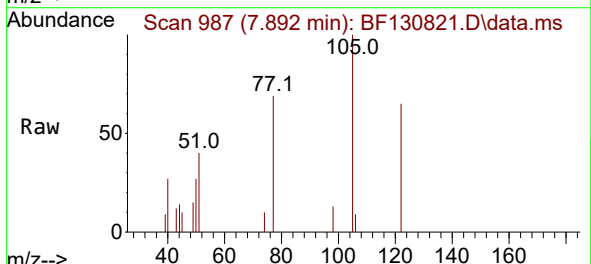
Instrument :
BNA_F
ClientSampleId :
OK-03-102422

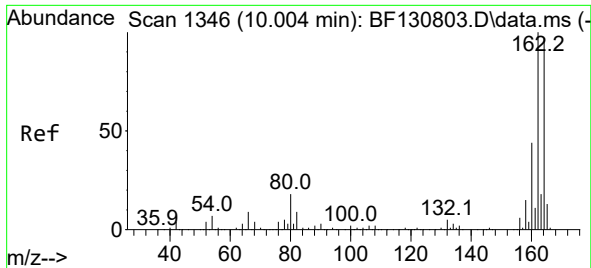
Tgt Ion: 82 Resp: 613531
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.935 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.095 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

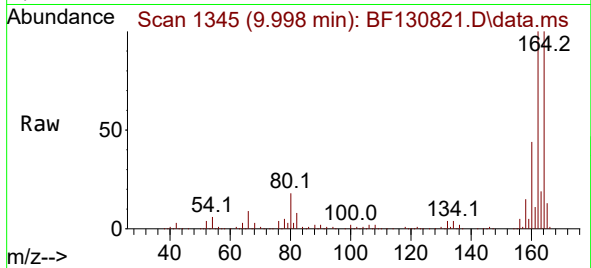
Tgt Ion: 122 Resp: 1081
Ion Ratio Lower Upper
122 100
105 153.0 114.5 154.5
77 106.2 89.8 129.8



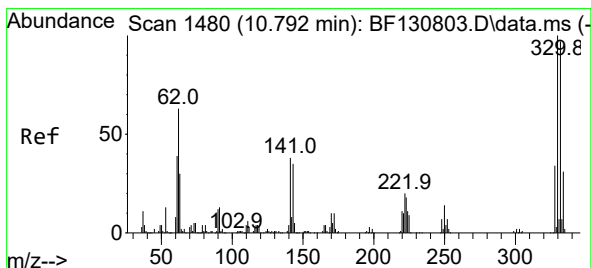
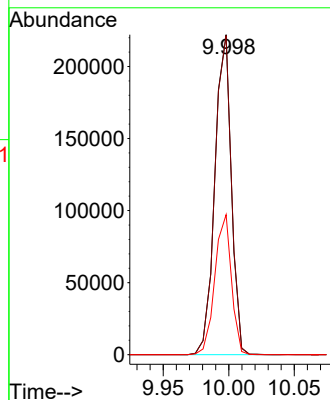
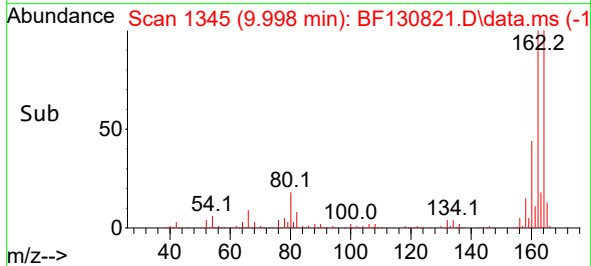


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

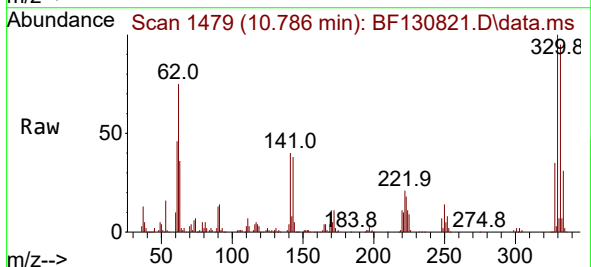
Instrument :
BNA_F
ClientSampleId :
OK-03-102422



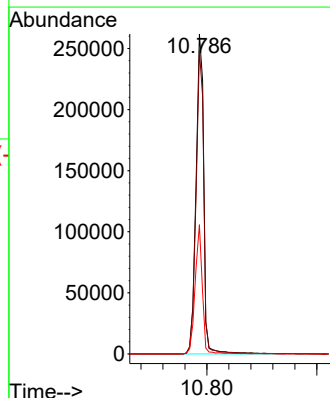
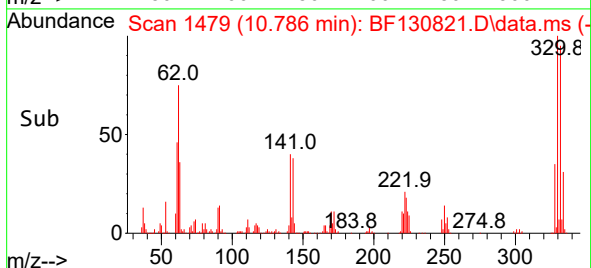
Tgt Ion:164 Resp: 193700
Ion Ratio Lower Upper
164 100
162 99.7 82.2 123.2
160 43.7 36.6 54.8

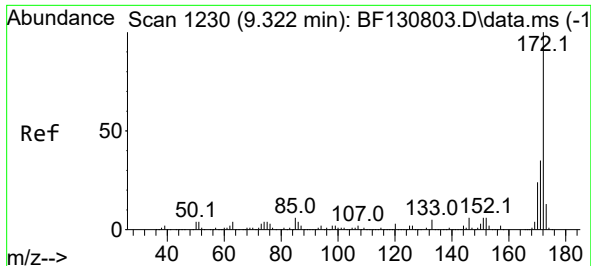


#42
2,4,6-Tribromophenol
Concen: 156.745 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52



Tgt Ion:330 Resp: 255582
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 37.2 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 87.385 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF130821.D

Acq: 28 Oct 2022 11:52

Instrument :

BNA_F

ClientSampleId :

OK-03-102422

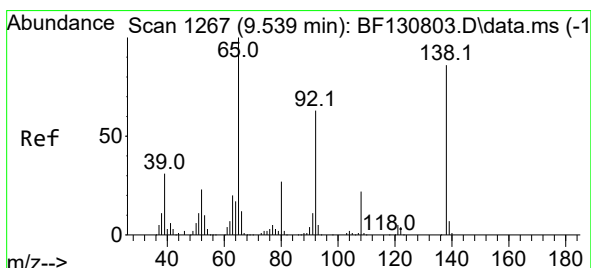
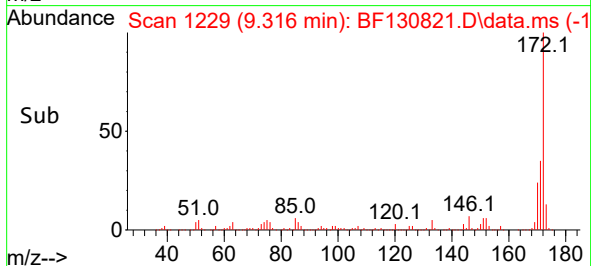
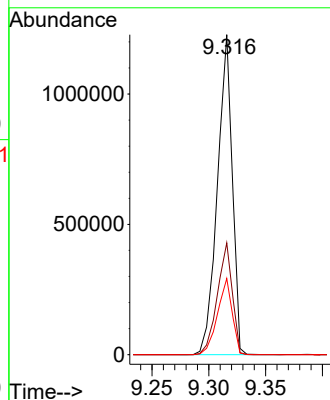
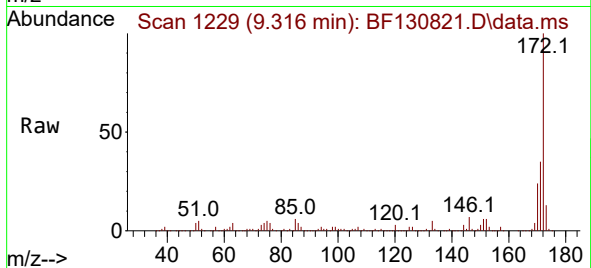
Tgt Ion:172 Resp: 1119569

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.8 19.0 28.4



#48

2-Nitroaniline

Concen: 4.732 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.223 min

Lab File: BF130821.D

Acq: 28 Oct 2022 11:52

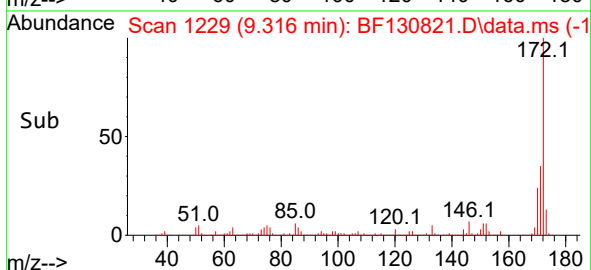
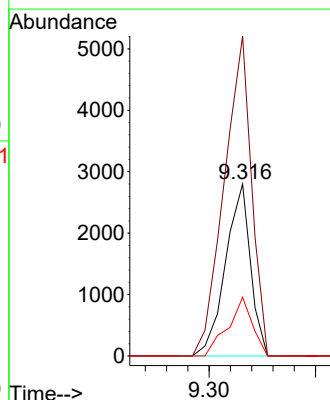
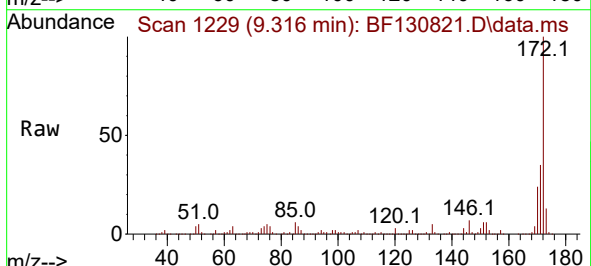
Tgt Ion: 65 Resp: 2279

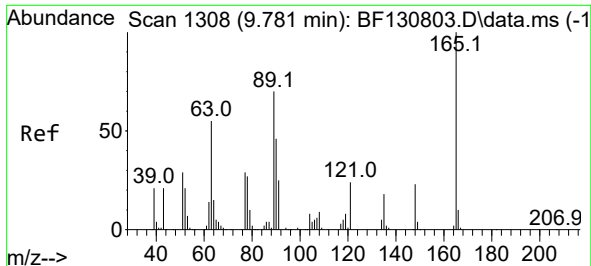
Ion Ratio Lower Upper

65 100

92 186.0 50.1 75.1#

138 34.2 69.2 103.8#

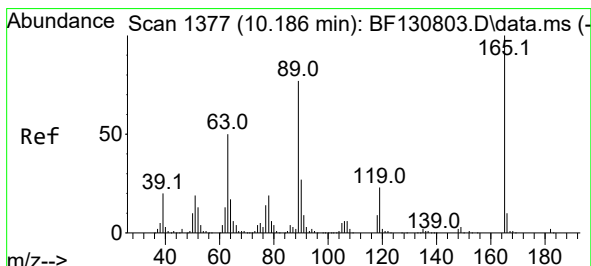
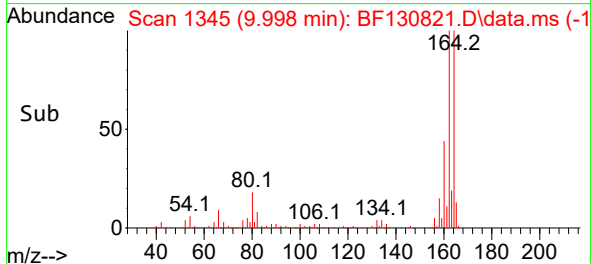
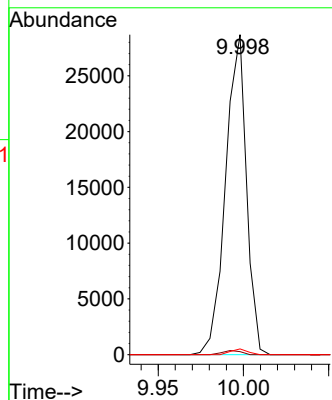
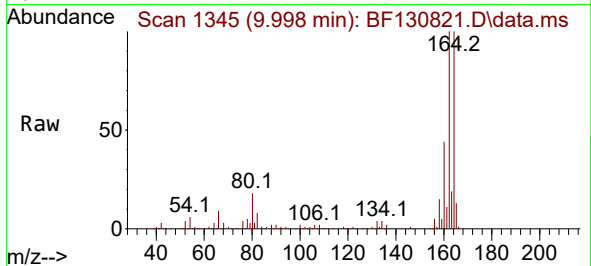




#51
2,6-Dinitrotoluene
Concen: 11.891 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.217 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

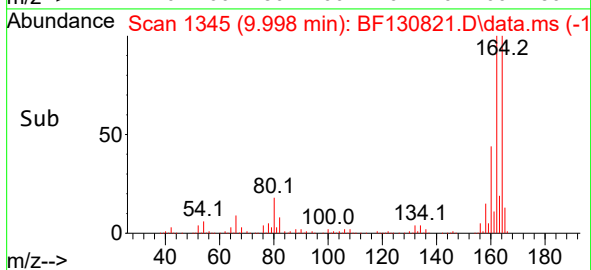
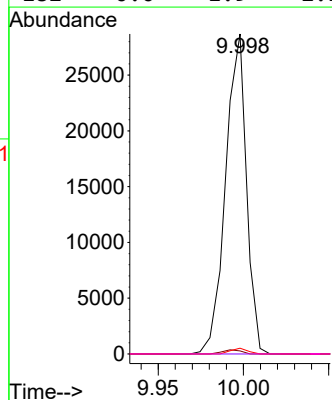
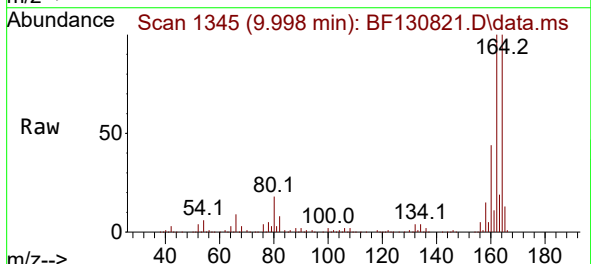
Instrument :
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OK-03-102422

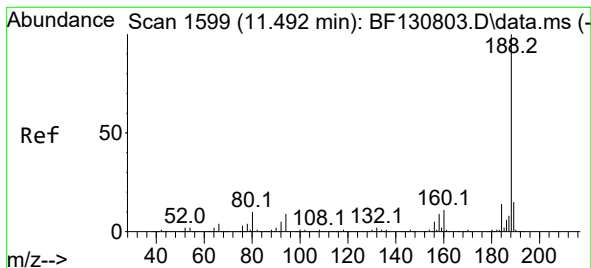
Tgt Ion:165 Resp: 24440
Ion Ratio Lower Upper
165 100
63 0.9 61.8 92.8#
89 1.8 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.804 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.188 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

Tgt Ion:165 Resp: 24440
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130821.D

Acq: 28 Oct 2022 11:52

Instrument :

BNA_F

ClientSampleId :

OK-03-102422

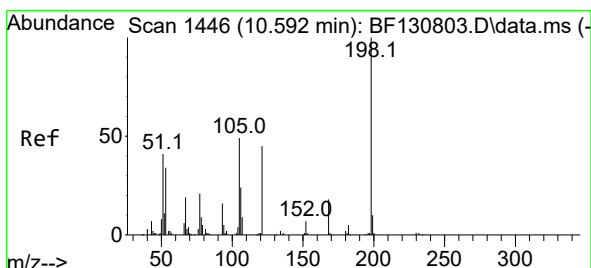
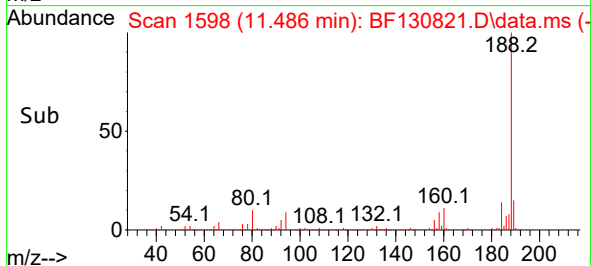
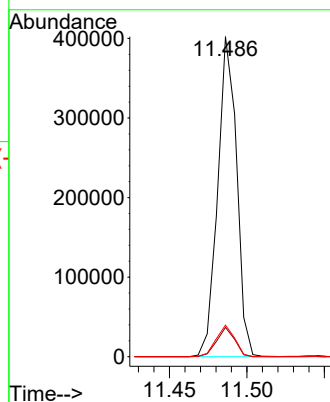
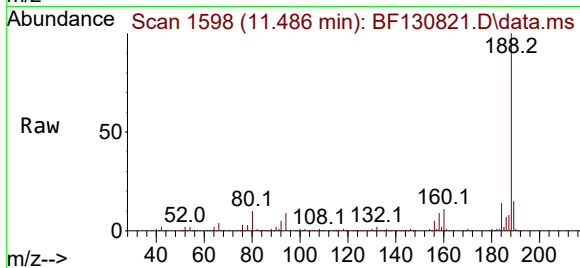
Tgt Ion:188 Resp: 341762

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.8 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.341 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.194 min

Lab File: BF130821.D

Acq: 28 Oct 2022 11:52

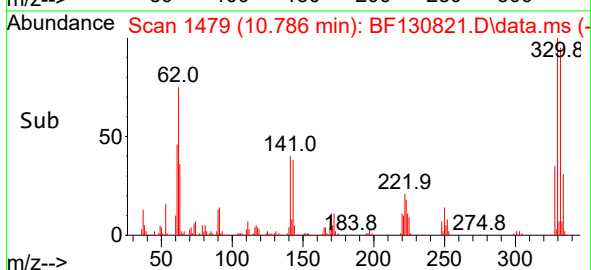
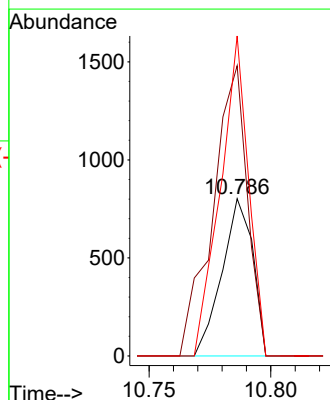
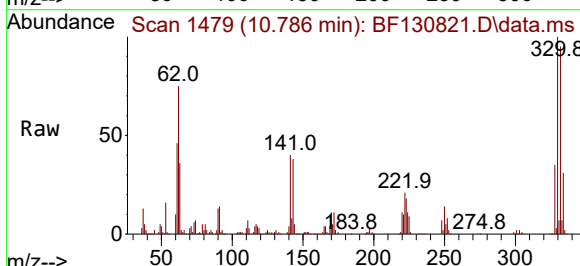
Tgt Ion:198 Resp: 706

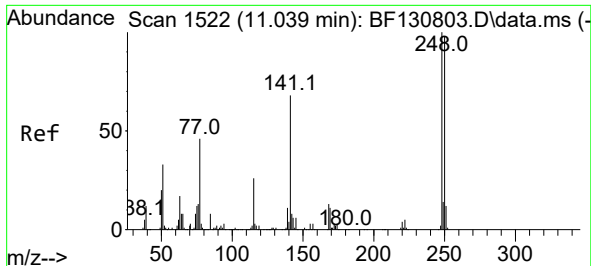
Ion Ratio Lower Upper

198 100

51 184.5 39.0 79.0#

105 203.5 30.6 70.6#

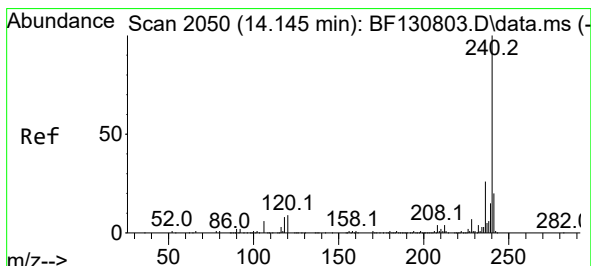
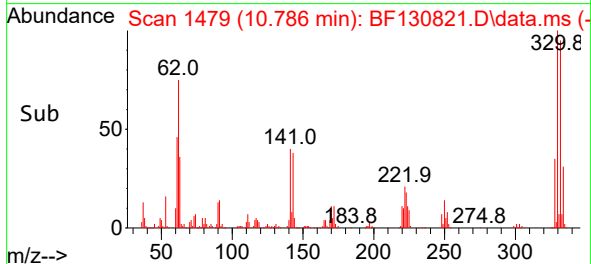
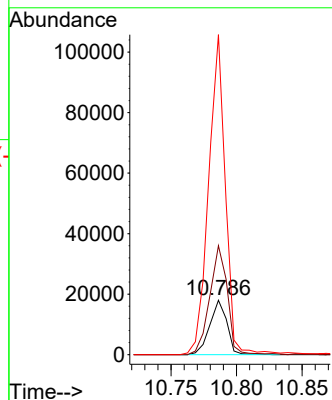
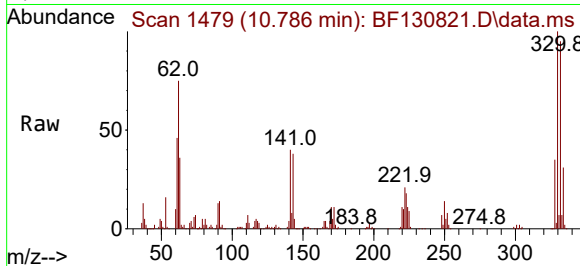




#67
4-Bromophenyl-phenylether
Concen: 4.797 ng
RT: 10.786 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

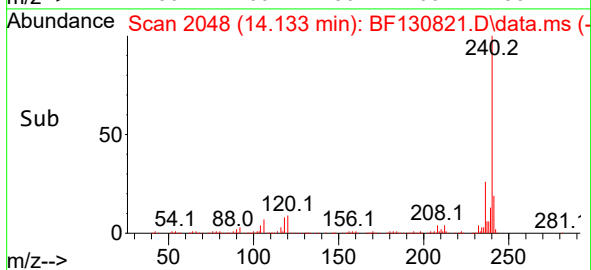
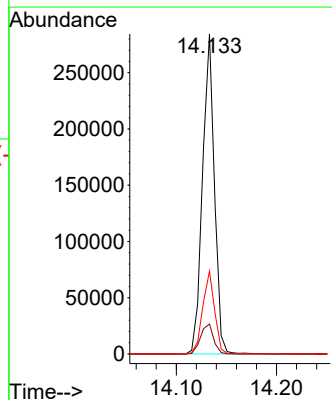
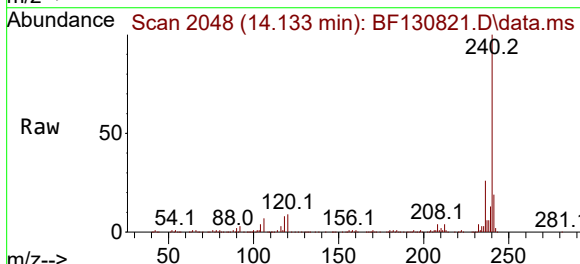
Instrument :
BNA_F
ClientSampleId :
OK-03-102422

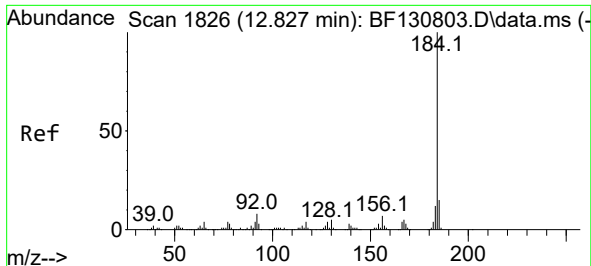
Tgt Ion:248 Resp: 16488
Ion Ratio Lower Upper
248 100
250 200.4 78.6 117.8#
141 588.1 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

Tgt Ion:240 Resp: 235733
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 25.9 20.5 30.7

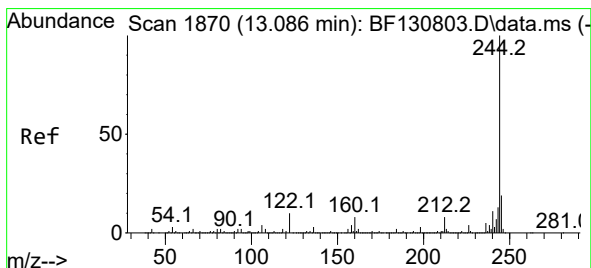
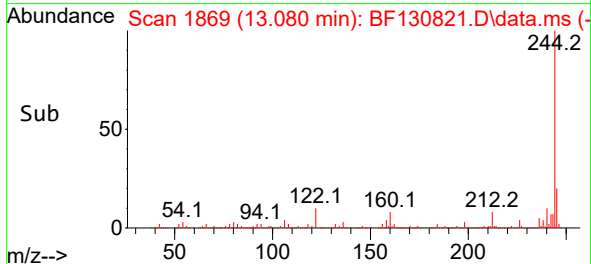
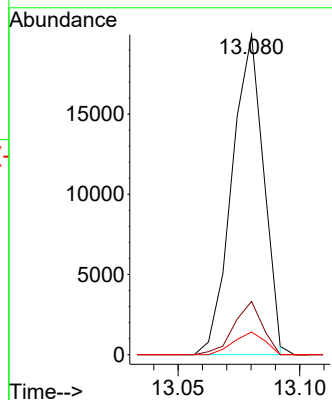
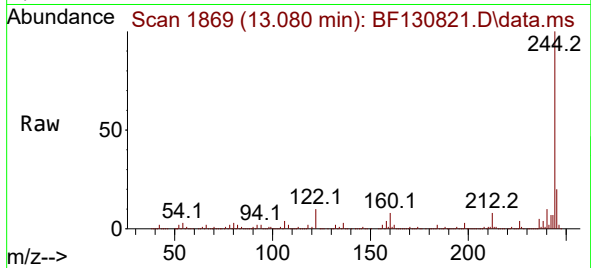




#77
Benzidine
Concen: 3.155 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

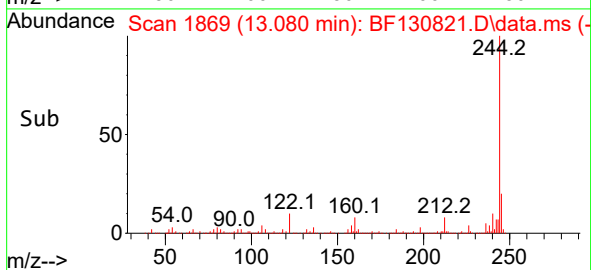
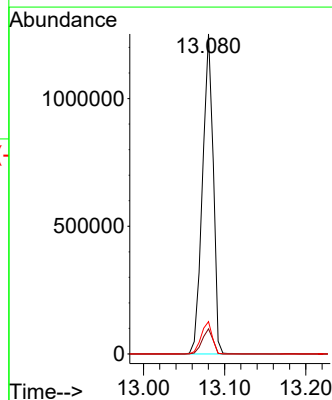
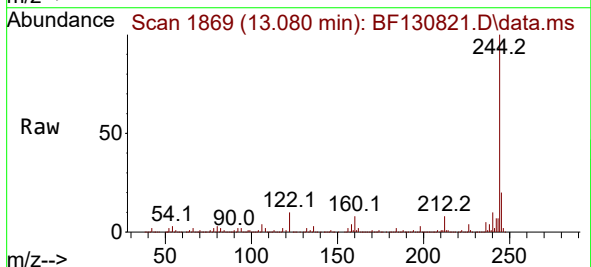
Instrument :
BNA_F
ClientSampleId :
OK-03-102422

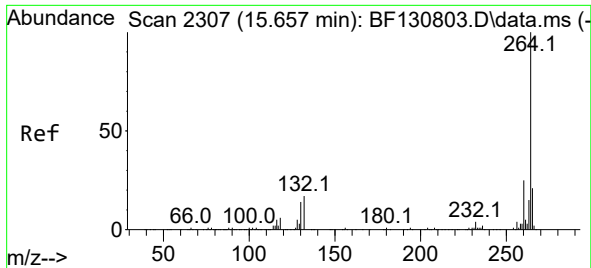
Tgt Ion:184 Resp: 18056
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.8
183 7.1 9.7 14.5#



#79
Terphenyl-d14
Concen: 89.246 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

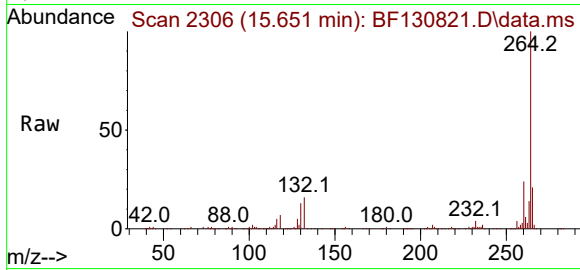
Tgt Ion:244 Resp: 1148093
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 10.1 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130821.D
Acq: 28 Oct 2022 11:52

Instrument :
BNA_F
ClientSampleId :
OK-03-102422



Tgt Ion:264 Resp: 191831

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.3	17.0	25.6

