

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130989.D
 Acq On : 04 Nov 2022 13:25
 Operator : CG\JU
 Sample : N5272-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221104-COMP-03

Quant Time: Nov 05 00:36:48 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)

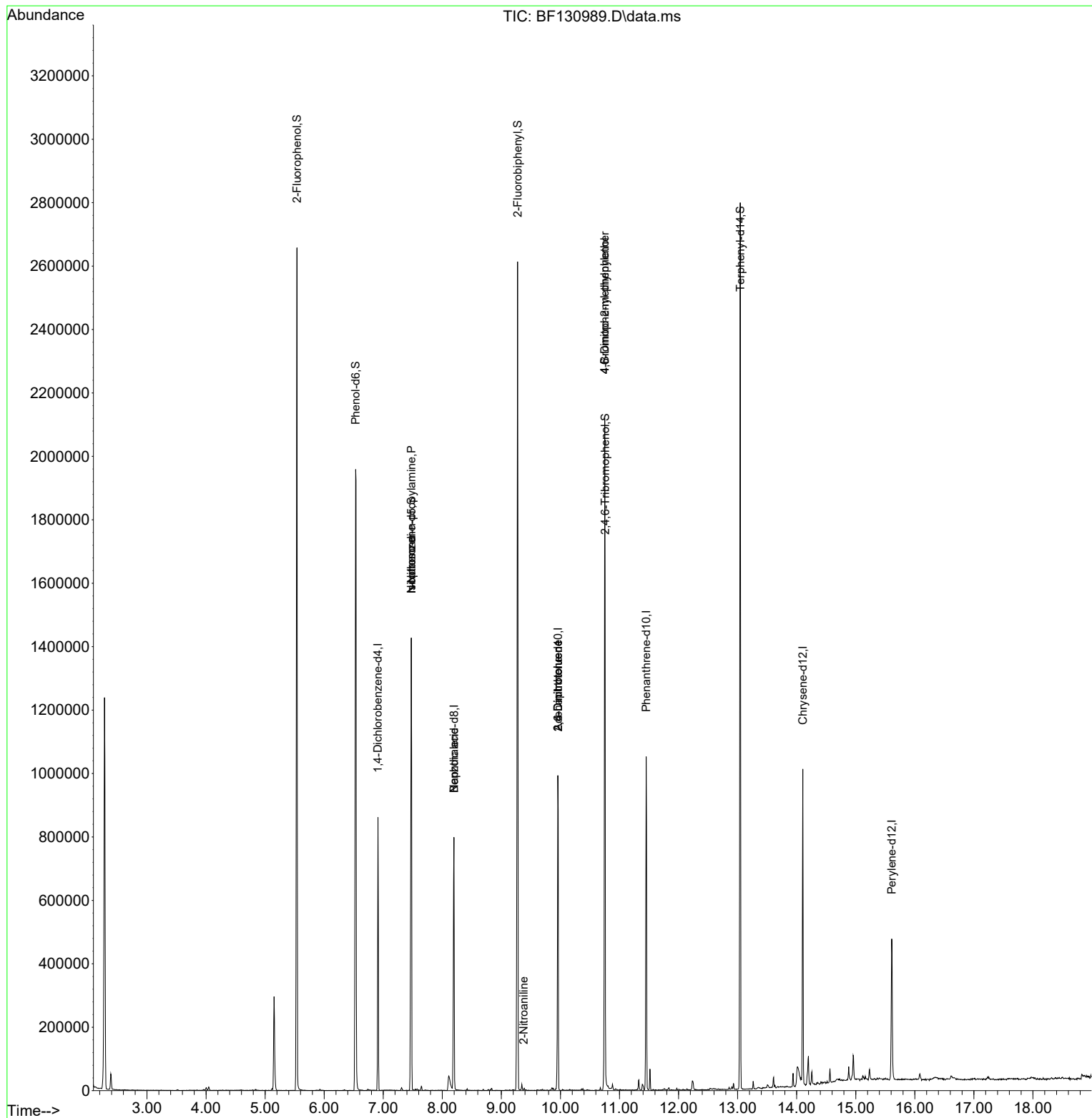
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	114322	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	374499	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	221724	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	379378	20.000	ng	0.00
76) Chrysene-d12	14.104	240	297739	20.000	ng	0.00
86) Perylene-d12	15.610	264	201203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	676522	102.590	ng	0.01
7) Phenol-d6	6.534	99	748773	87.377	ng	0.00
23) Nitrobenzene-d5	7.475	82	529615	85.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	257926	138.189	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	892885	60.884	ng	0.00
79) Terphenyl-d14	13.045	244	913903	56.247	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	71865	12.326	ng	# 77
25) Isophorone	7.475	82	528267	41.247	ng	# 66
32) Benzoic acid	8.198	122	53	7.692	ng	# 1
48) 2-Nitroaniline	9.381	65	59	4.160	ng	# 12
51) 2,6-Dinitrotoluene	9.957	165	29113	12.261	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	29113	11.092	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.751	198	661	8.276	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	16227	4.253	ng	# 1

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

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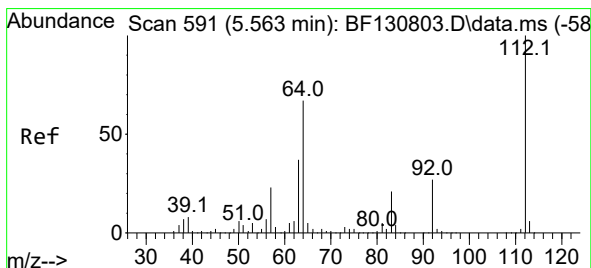
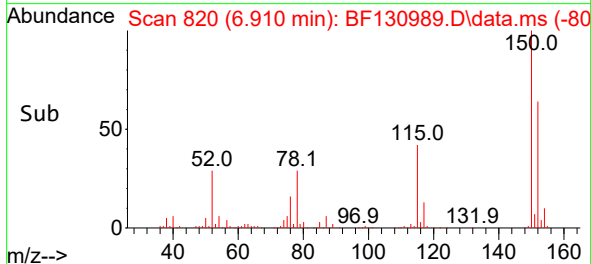
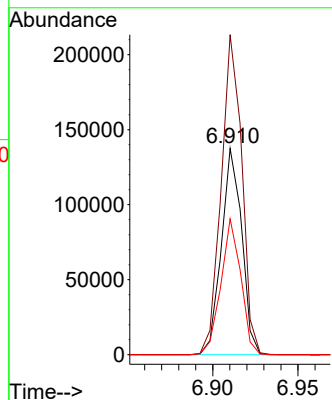
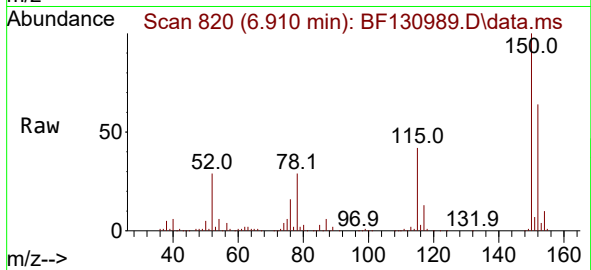




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

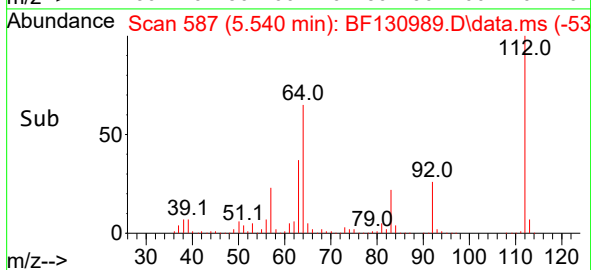
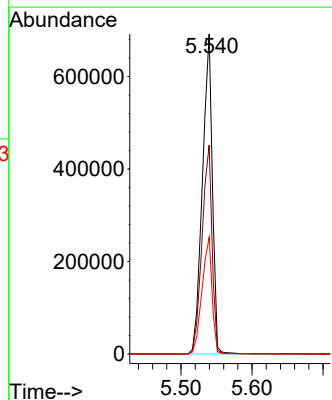
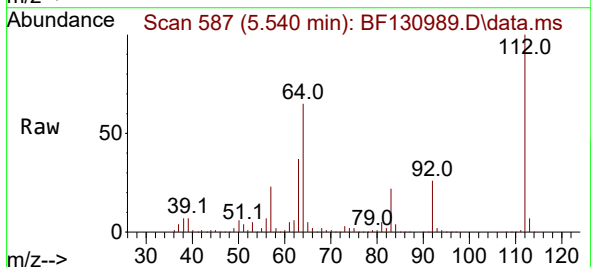
Instrument :
BNA_F
ClientSampleId :
20221104-COMP-03

Tgt Ion:152 Resp: 114322
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 65.9 50.1 75.1



#5
2-Fluorophenol
Concen: 102.590 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

Tgt Ion:112 Resp: 676522
Ion Ratio Lower Upper
112 100
64 65.3 53.9 80.9
63 36.5 29.4 44.2

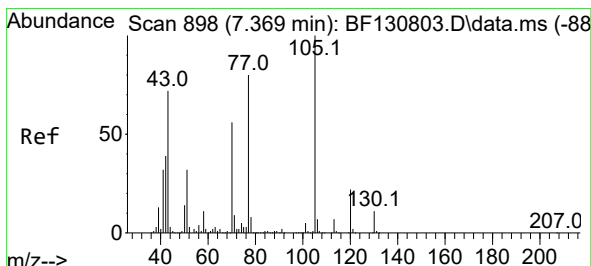
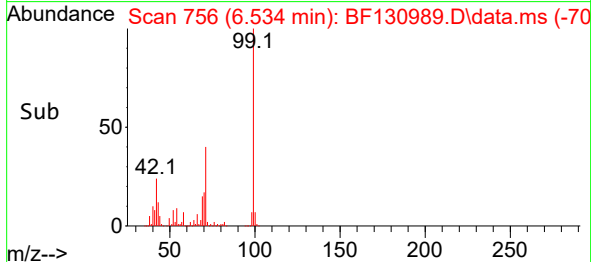
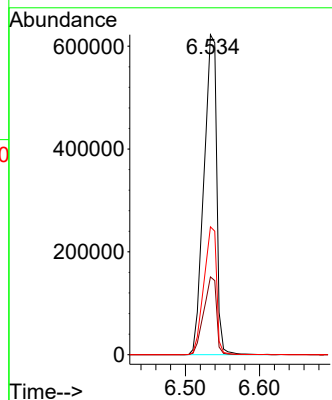
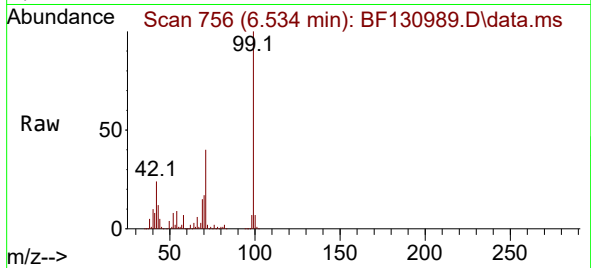




#7
Phenol-d6
Concen: 87.377 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

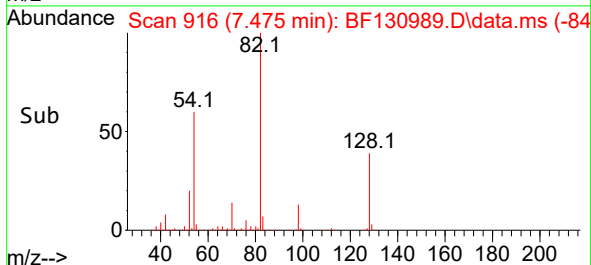
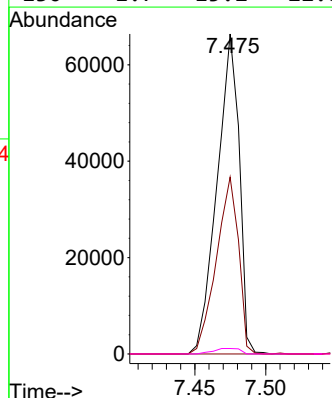
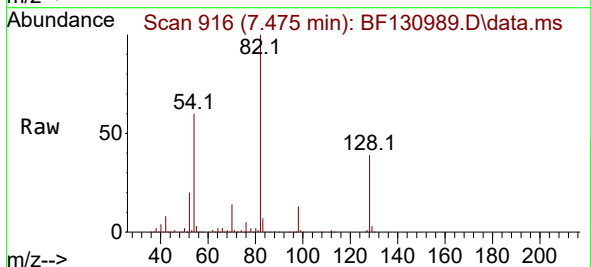
Instrument :
BNA_F
ClientSampleId :
20221104-COMP-03

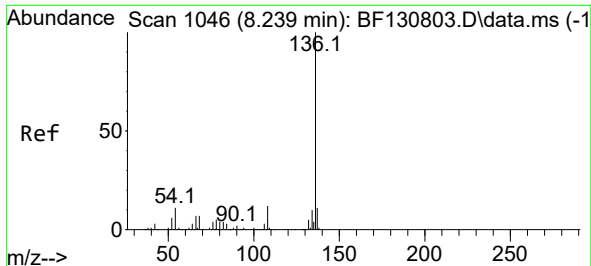
Tgt Ion: 99 Resp: 748773
Ion Ratio Lower Upper
99 100
42 24.3 18.8 28.2
71 39.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.326 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

Tgt Ion: 70 Resp: 71865
Ion Ratio Lower Upper
70 100
42 55.3 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

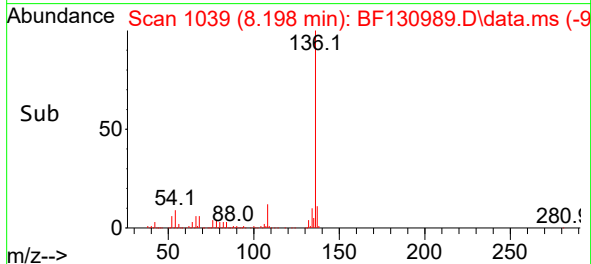
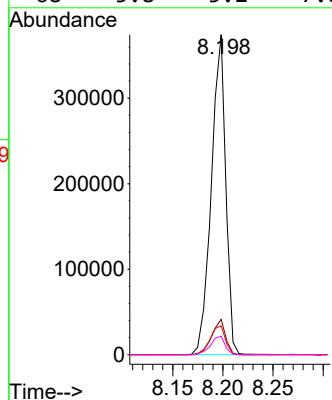
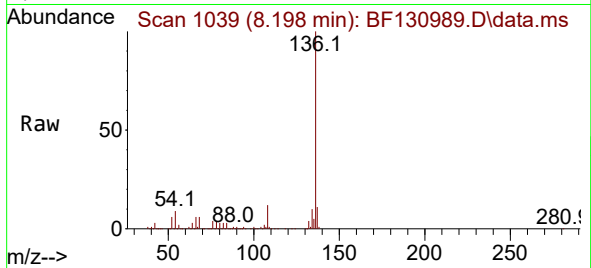




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

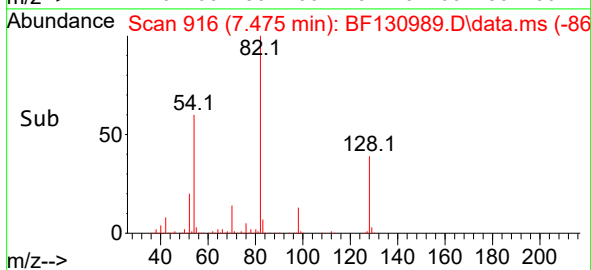
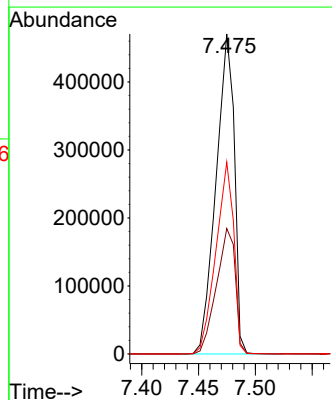
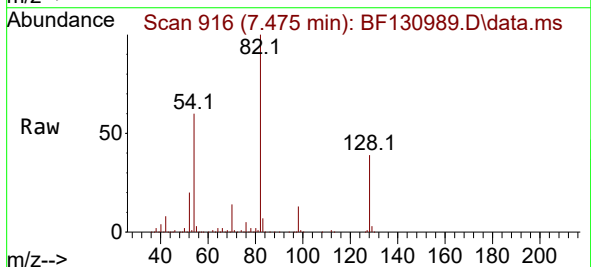
Instrument :
BNA_F
ClientSampleId :
20221104-COMP-03

Tgt Ion:136 Resp: 374499
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.0 8.8 13.2
68 5.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 85.274 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

Tgt Ion: 82 Resp: 529615
Ion Ratio Lower Upper
82 100
128 39.2 31.2 46.8
54 59.9 48.0 72.0

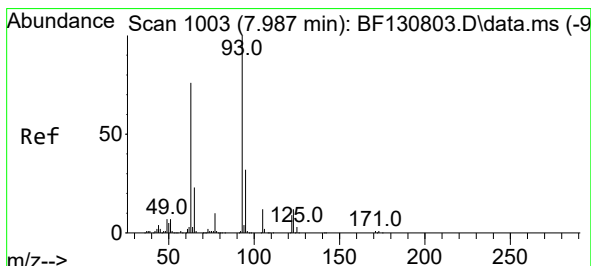
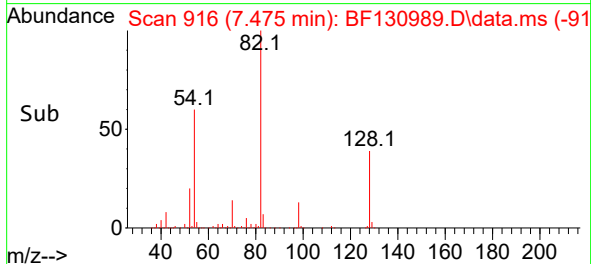
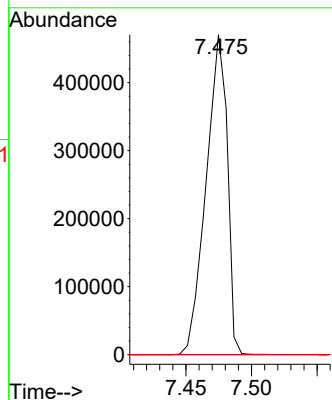
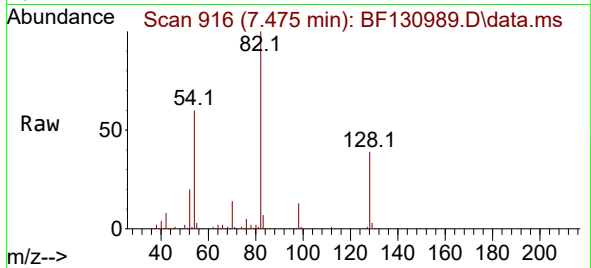




#25
Isophorone
Concen: 41.247 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

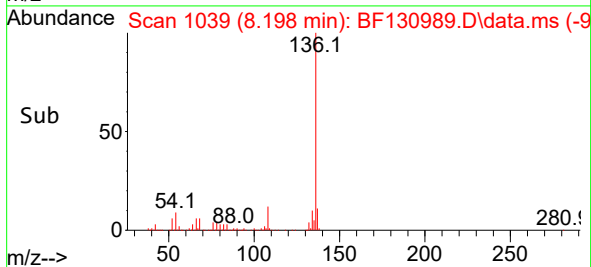
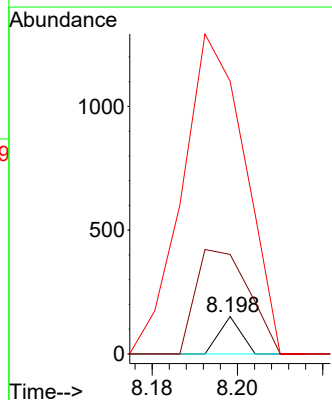
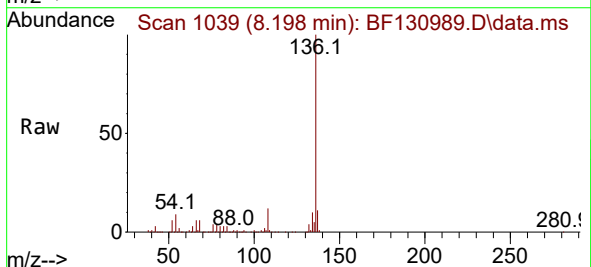
Instrument :
BNA_F
ClientSampleId :
20221104-COMP-03

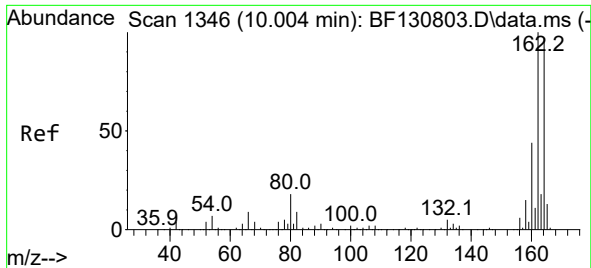
Tgt Ion: 82 Resp: 528267
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.692 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.235 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 266.2 114.5 154.5#
77 729.8 89.8 129.8#

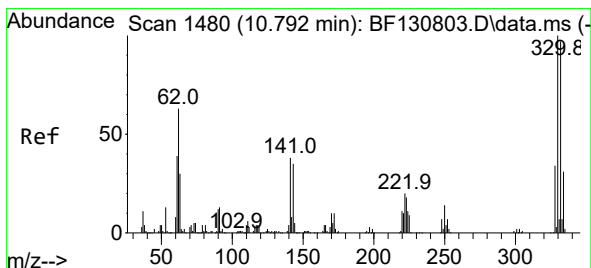
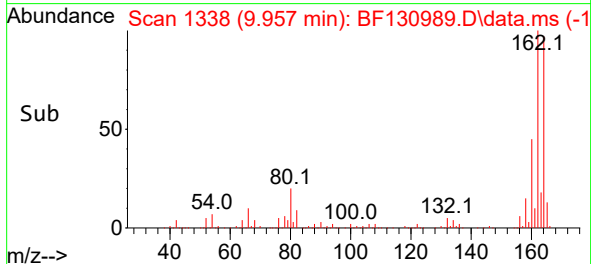
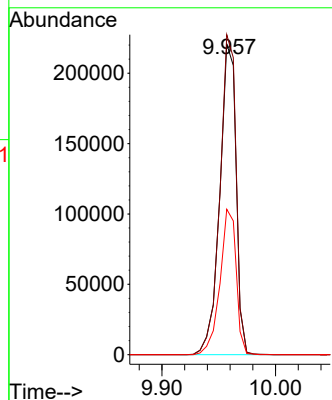
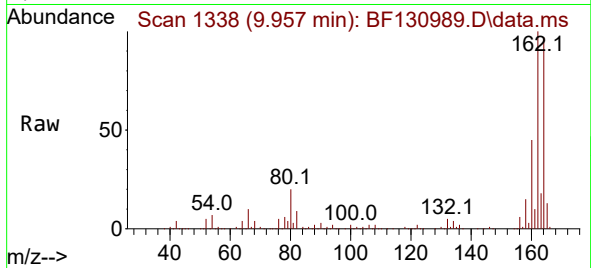




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

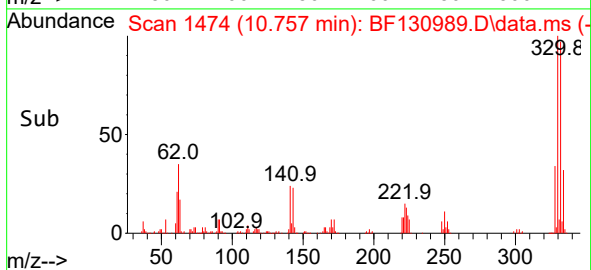
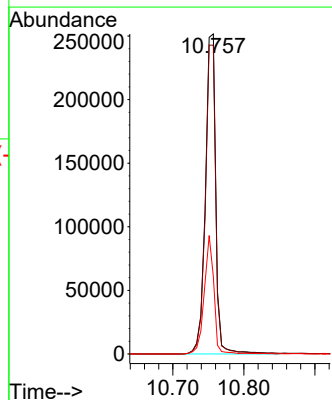
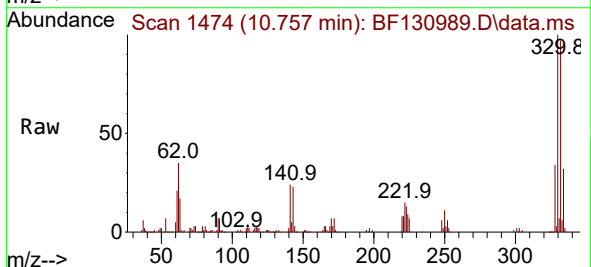
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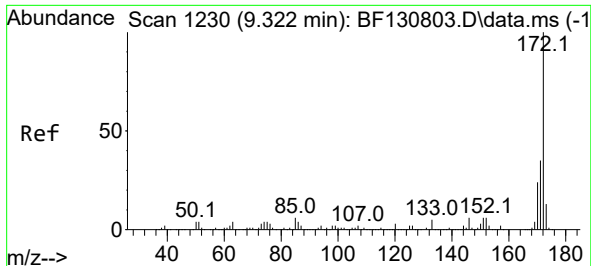
Tgt Ion:164 Resp: 221724
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 46.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 138.189 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

Tgt Ion:330 Resp: 257926
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 34.2 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 60.884 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130989.D

Acq: 04 Nov 2022 13:25

Instrument :

BNA_F

ClientSampleId :

20221104-COMP-03

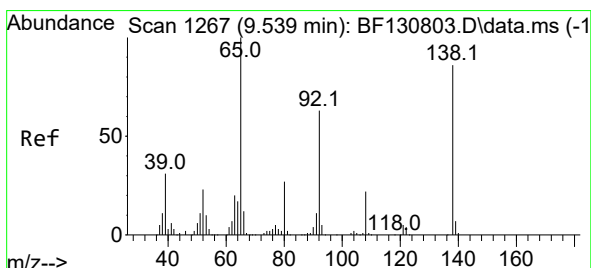
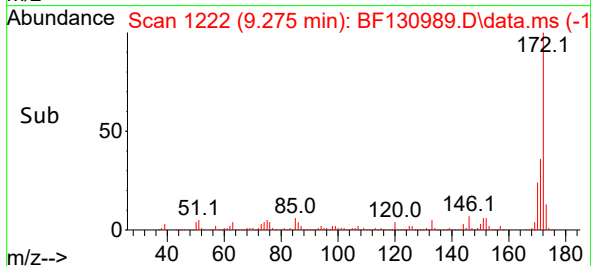
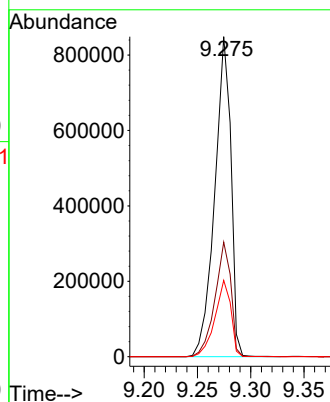
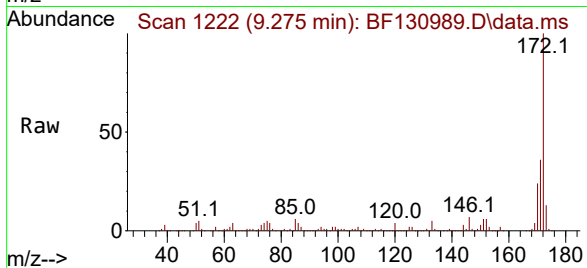
Tgt Ion:172 Resp: 892885

Ion Ratio Lower Upper

172 100

171 35.8 28.1 42.1

170 23.9 19.0 28.4



#48

2-Nitroaniline

Concen: 4.160 ng

RT: 9.381 min Scan# 1240

Delta R.T. -0.124 min

Lab File: BF130989.D

Acq: 04 Nov 2022 13:25

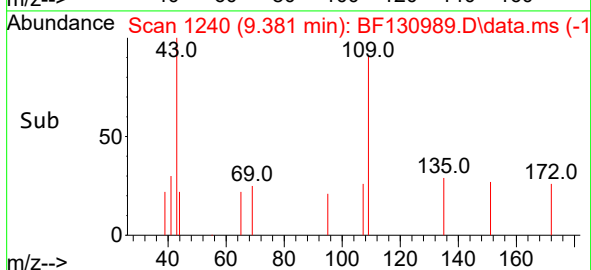
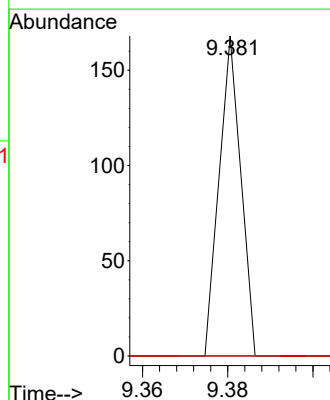
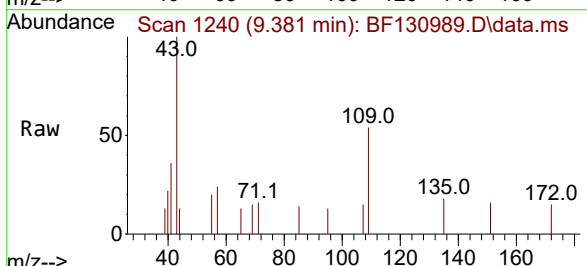
Tgt Ion: 65 Resp: 59

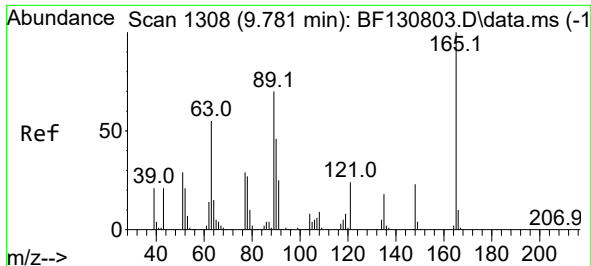
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

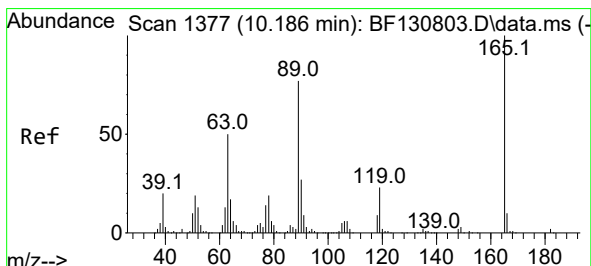
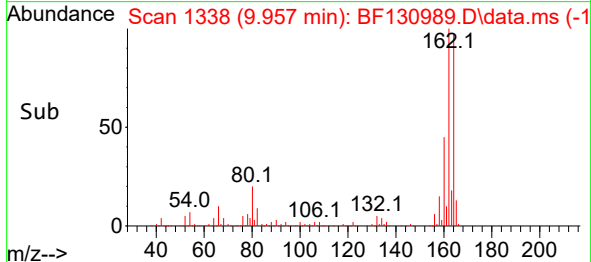
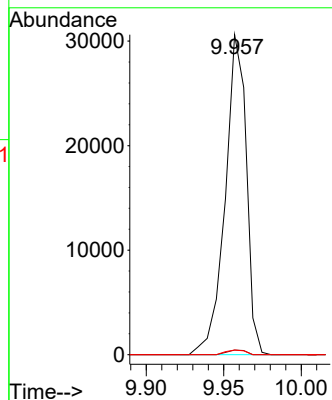
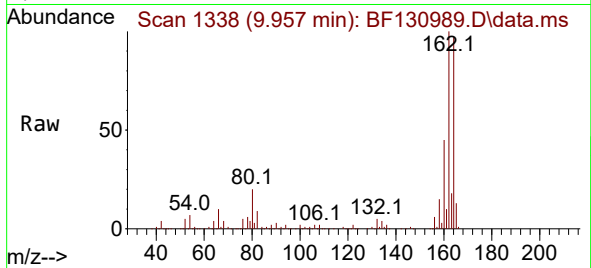




#51
2,6-Dinitrotoluene
Concen: 12.261 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

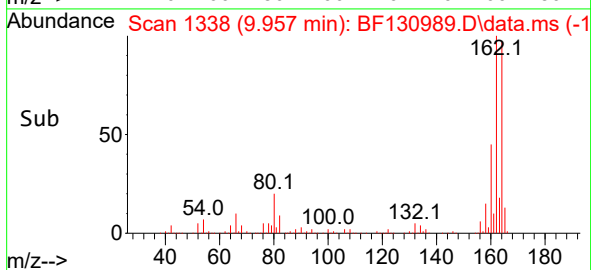
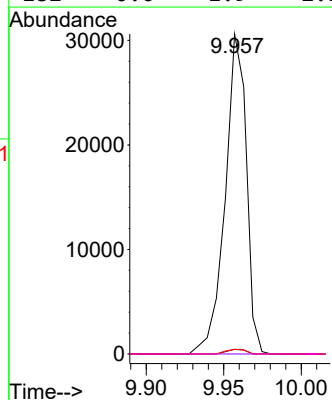
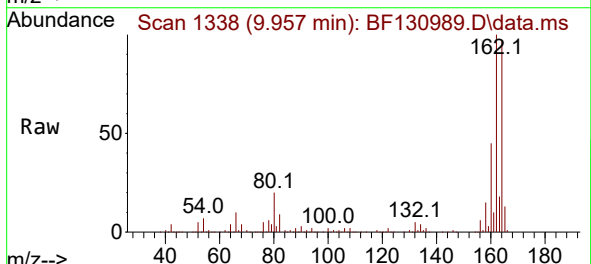
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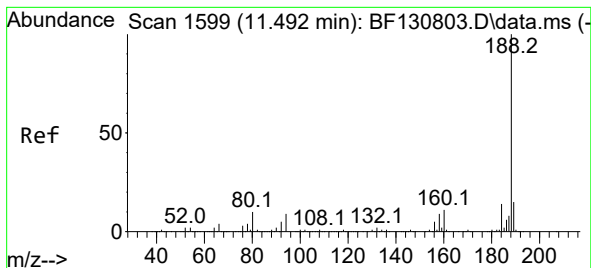
Tgt Ion:165 Resp: 29113
Ion Ratio Lower Upper
165 100
63 1.5 61.8 92.8#
89 1.5 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.092 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

Tgt Ion:165 Resp: 29113
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130989.D

Acq: 04 Nov 2022 13:25

Instrument :

BNA_F

ClientSampleId :

20221104-COMP-03

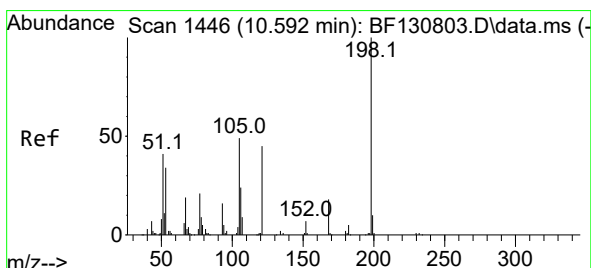
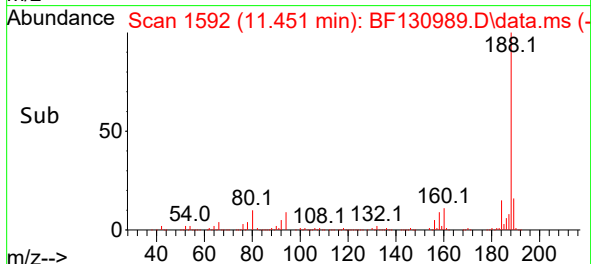
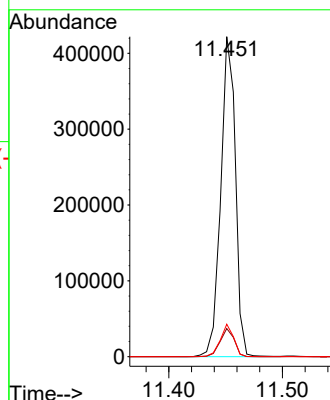
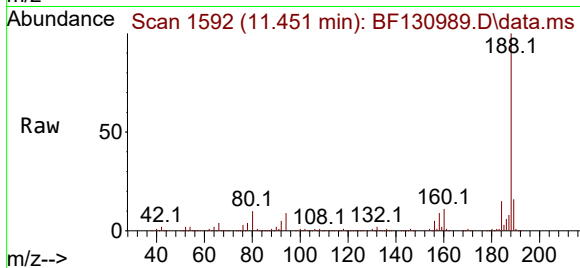
Tgt Ion:188 Resp: 379378

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 10.1 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.276 ng

RT: 10.751 min Scan# 1473

Delta R.T. 0.188 min

Lab File: BF130989.D

Acq: 04 Nov 2022 13:25

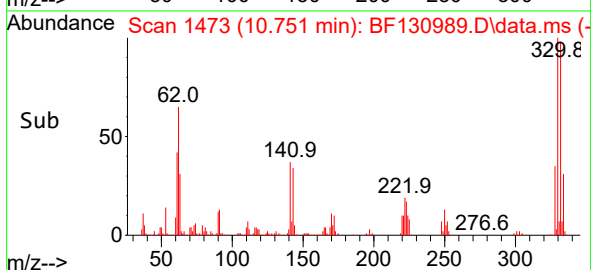
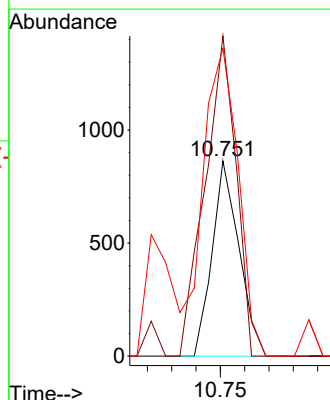
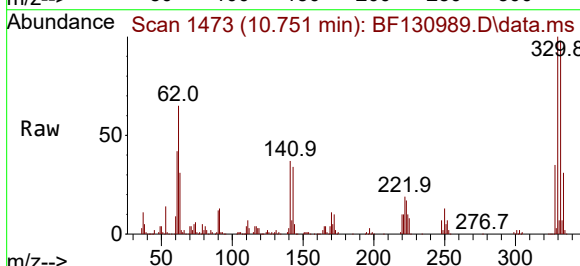
Tgt Ion:198 Resp: 661

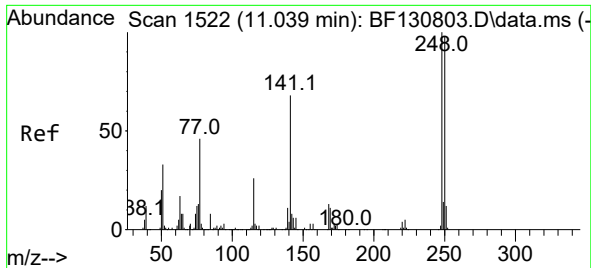
Ion Ratio Lower Upper

198 100

51 164.1 39.0 79.0#

105 157.8 30.6 70.6#

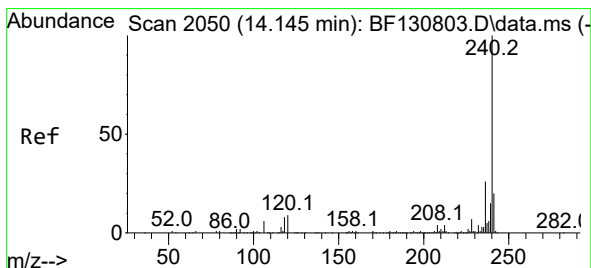
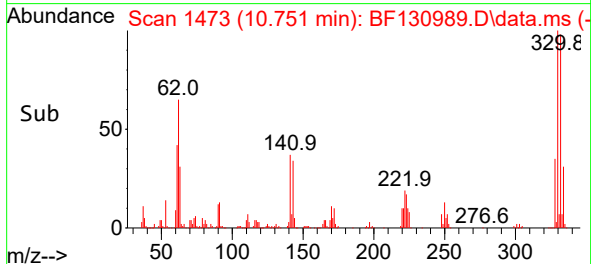
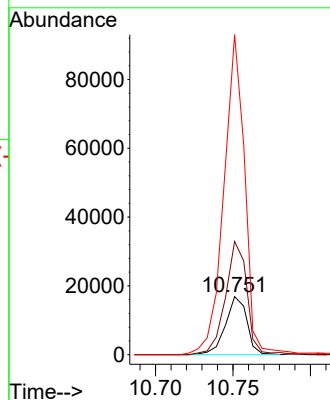
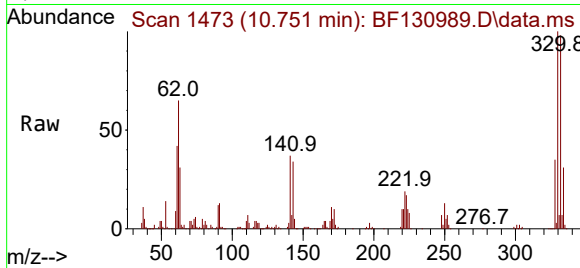




#67
4-Bromophenyl-phenylether
Concen: 4.253 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

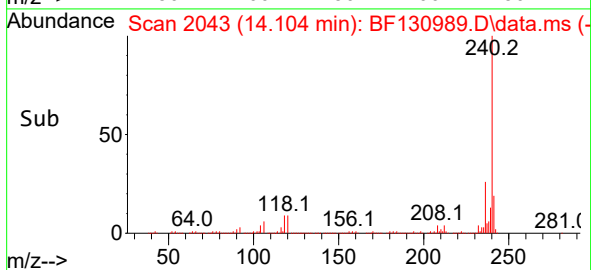
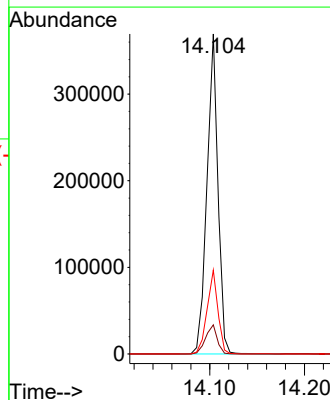
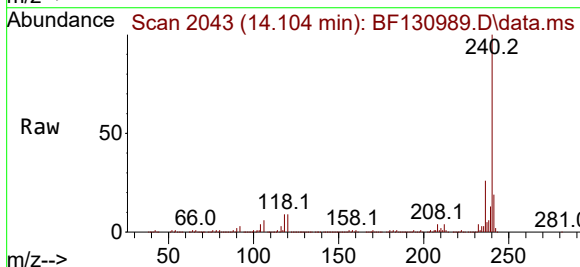
Instrument :
BNA_F
ClientSampleId :
20221104-COMP-03

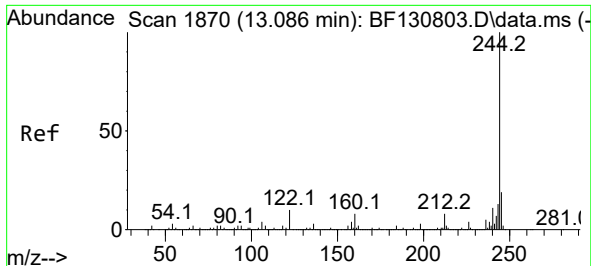
Tgt Ion:248 Resp: 16227
Ion Ratio Lower Upper
248 100
250 195.2 78.6 117.8#
141 551.4 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

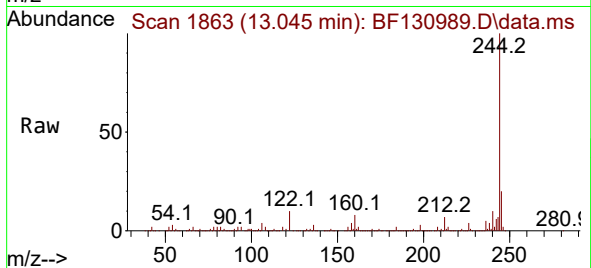
Tgt Ion:240 Resp: 297739
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 26.2 20.5 30.7



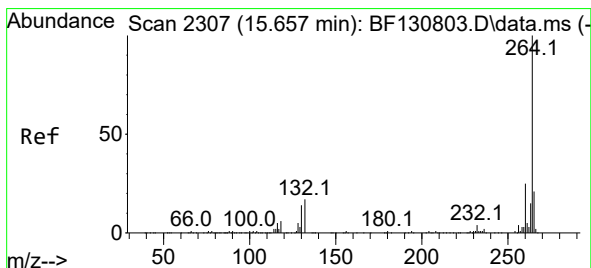
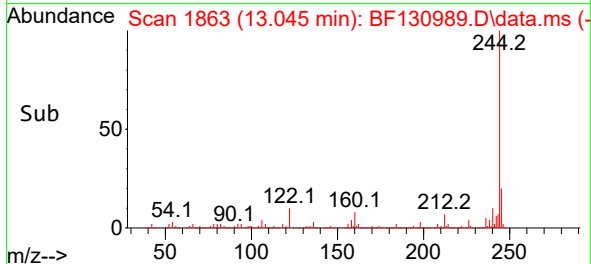
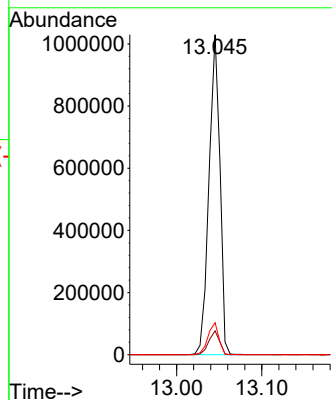


#79
Terphenyl-d14
Concen: 56.247 ng
RT: 13.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

Instrument :
BNA_F
ClientSampleId :
20221104-COMP-03



Tgt Ion:244 Resp: 913903
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.0 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BF130989.D
Acq: 04 Nov 2022 13:25

Tgt Ion:264 Resp: 201203
Ion Ratio Lower Upper
264 100
260 23.2 19.9 29.9
265 20.8 17.0 25.6

