

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138421.D
 Acq On : 02 Jul 2024 11:11
 Operator : CG\JU
 Sample : PB161814TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 11:51:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

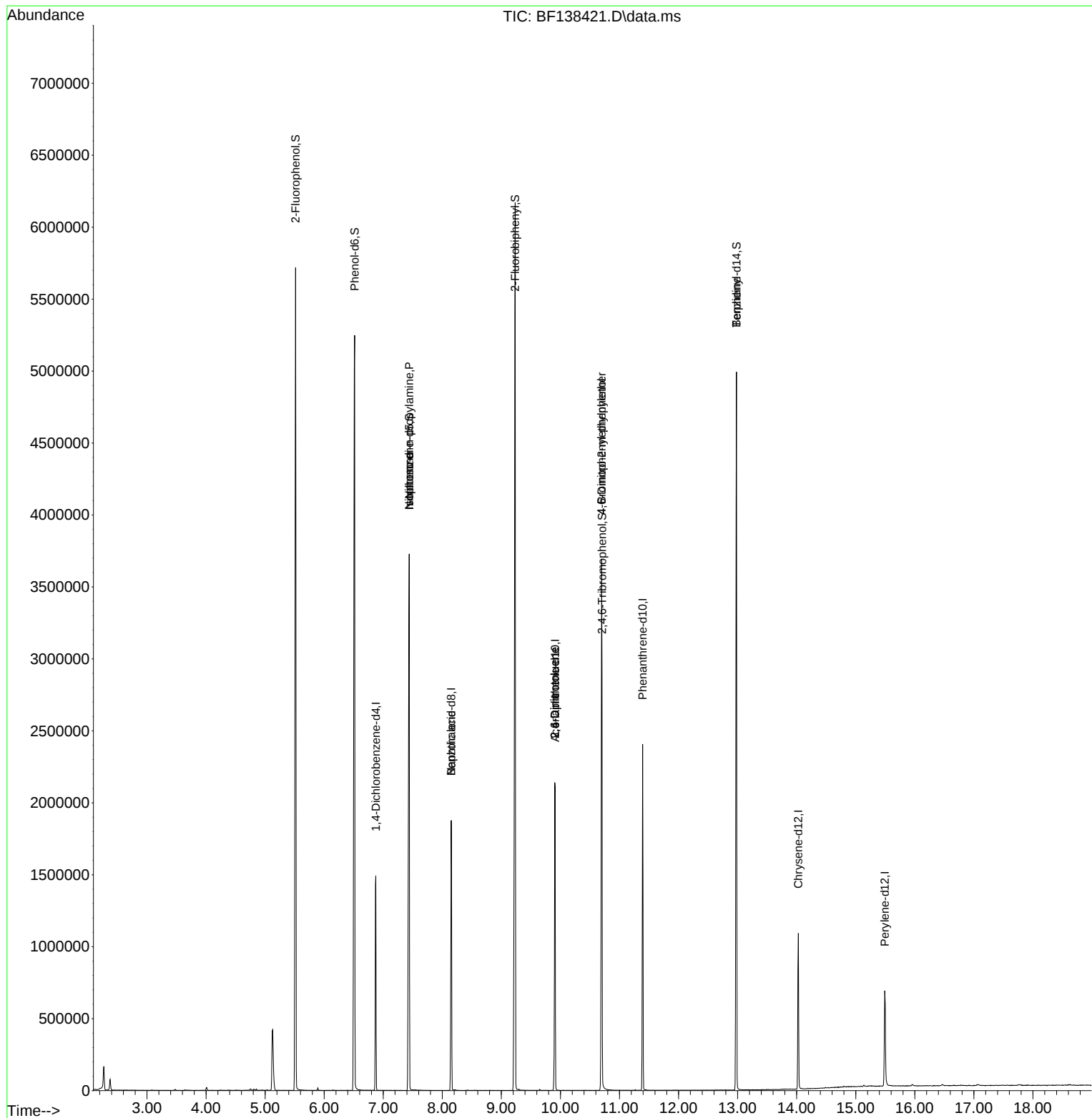
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	209513	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	871262	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	486428	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	791775	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	341911	20.000	ng	0.00
86) Perylene-d12	15.492	264	310421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1589068	125.749	ng	0.02
7) Phenol-d6	6.516	99	2089582	122.750	ng	0.00
23) Nitrobenzene-d5	7.439	82	1394266	83.131	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	461220	116.054	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2302436	75.329	ng	0.00
79) Terphenyl-d14	12.980	244	1772284	71.035	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	185568	17.292	ng	# 74
25) Isophorone	7.439	82	1390072	44.949	ng	# 67
32) Benzoic acid	8.151	122	149	4.115	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	62546	8.933	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	62546	7.255	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	1158	6.040	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	30271	3.557	ng	# 1
77) Benzidine	12.980	184	23607	8.634	ng	# 96

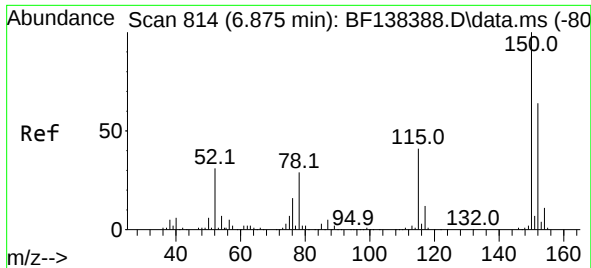
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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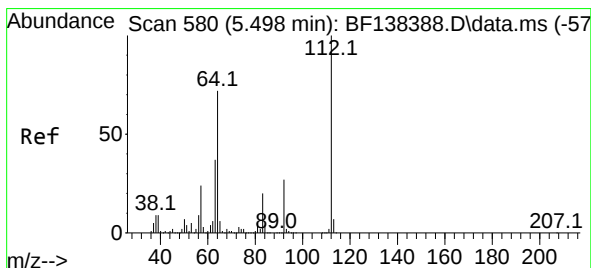
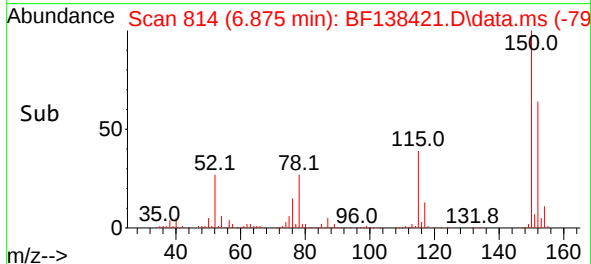
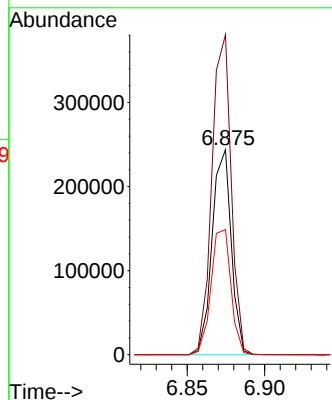
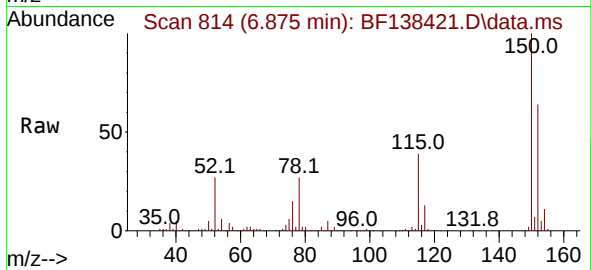




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

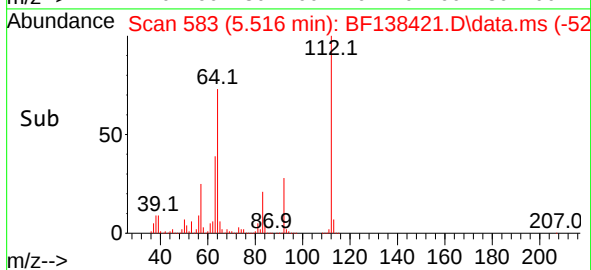
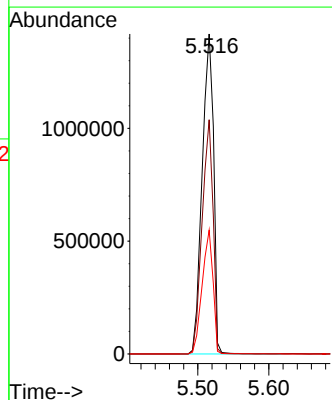
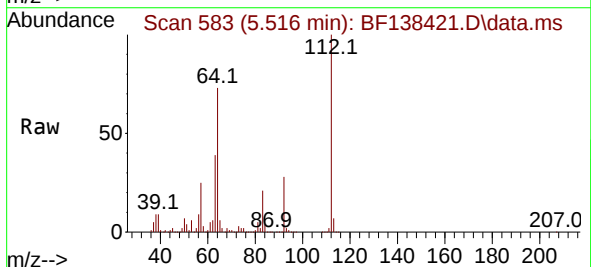
Instrument :
BNA_F
ClientSampleId :

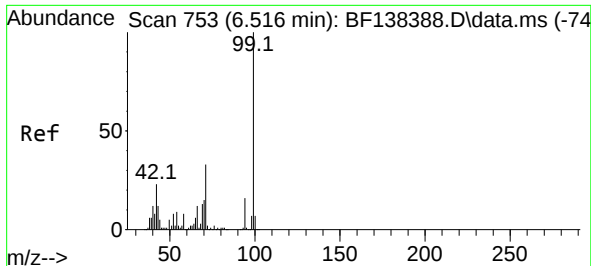
Tgt Ion:152 Resp: 209513
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 61.0 50.8 76.2



#5
2-Fluorophenol
Concen: 125.749 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

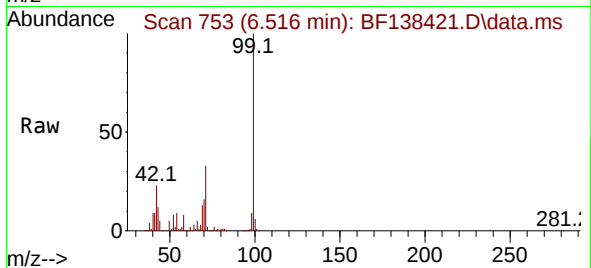
Tgt Ion:112 Resp: 1589068
Ion Ratio Lower Upper
112 100
64 73.2 57.2 85.8
63 38.7 29.4 44.0





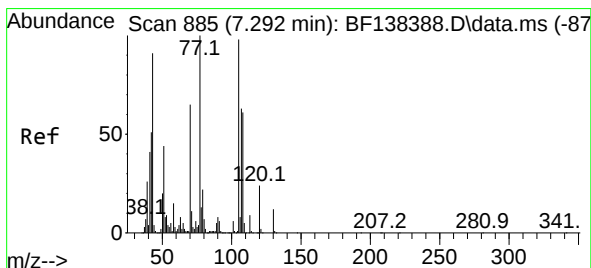
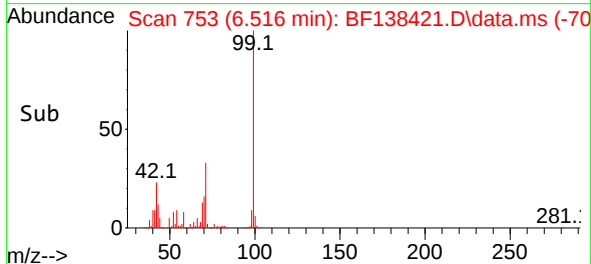
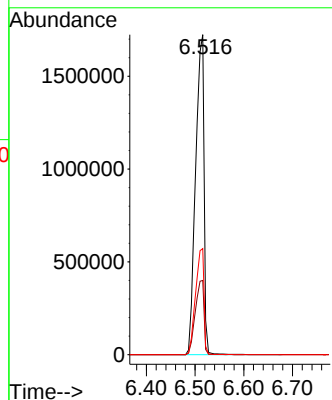
#7
Phenol-d6
Concen: 122.750 ng
RT: 6.516 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 2089582

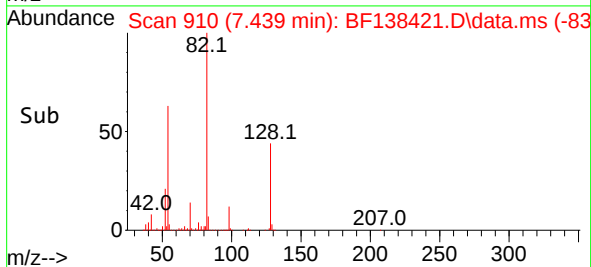
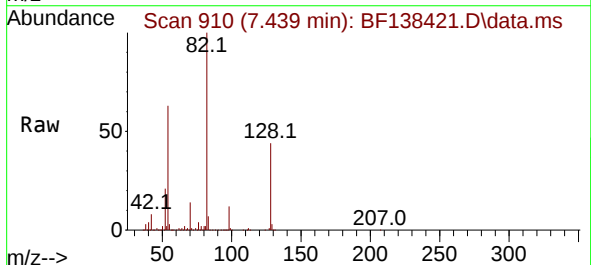
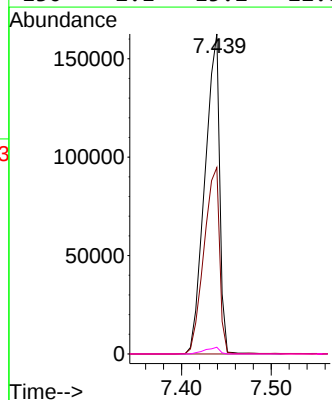
Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.5	27.7
71	33.2	26.1	39.1

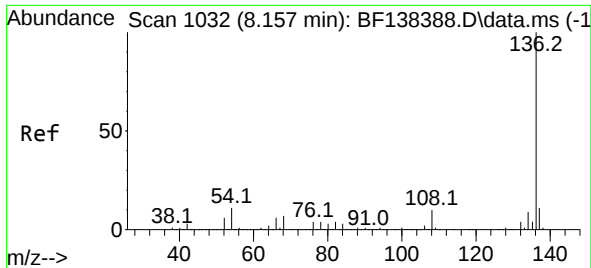


#19
n-Nitroso-di-n-propylamine
Concen: 17.292 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Tgt Ion: 70 Resp: 185568

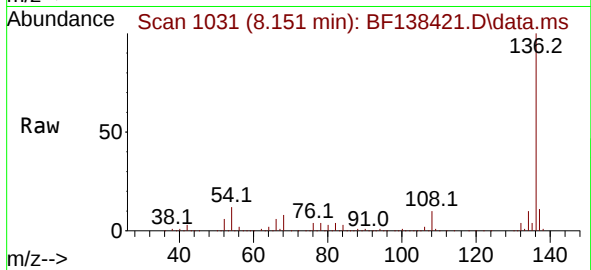
Ion	Ratio	Lower	Upper
70	100		
42	58.3	62.5	93.7#
101	0.0	7.0	10.4#
130	2.1	15.2	22.8#





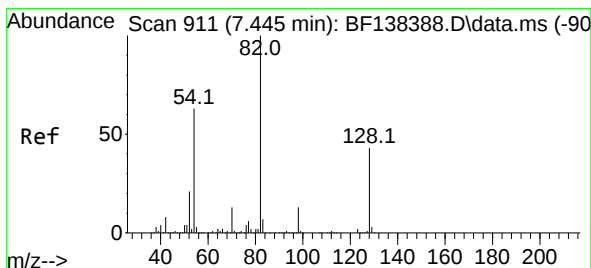
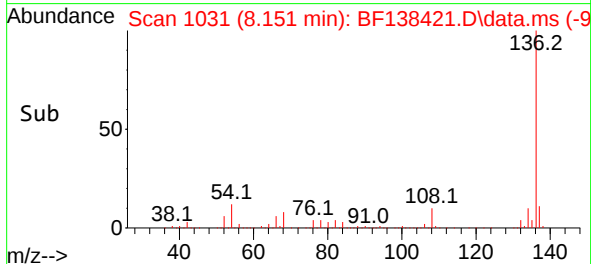
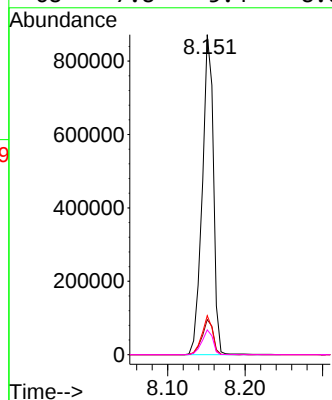
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 871262

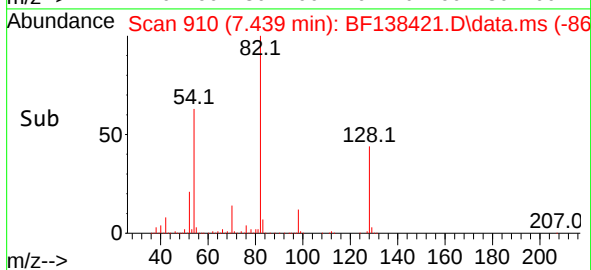
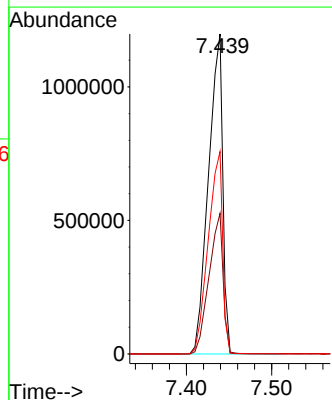
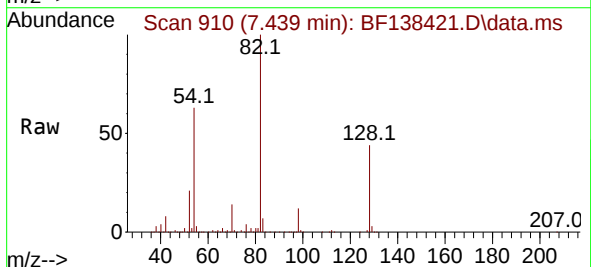
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.2	9.0	13.4
68	7.8	5.4	8.0

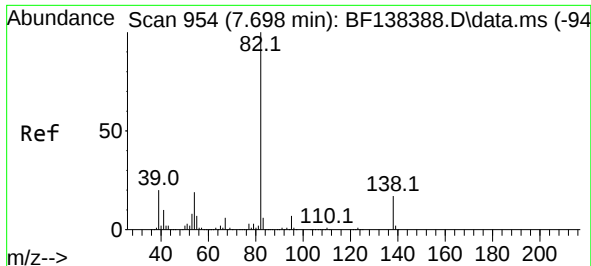


#23
Nitrobenzene-d5
Concen: 83.131 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Tgt Ion: 82 Resp: 1394266

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	52.0
54	63.3	50.5	75.7

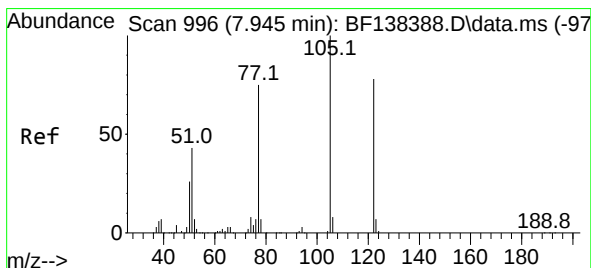
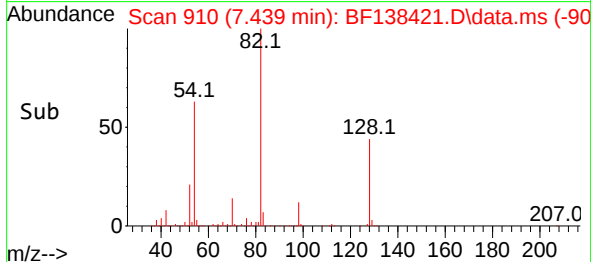
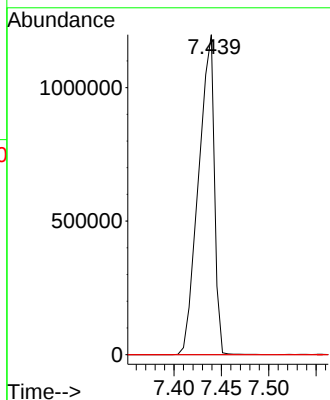
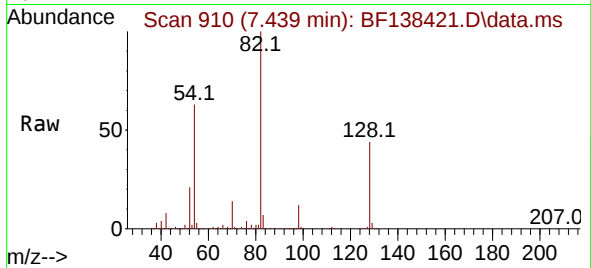




#25
Isophorone
Concen: 44.949 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

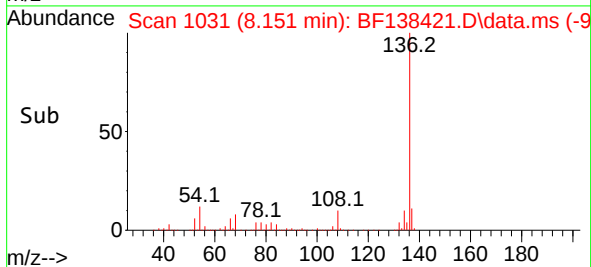
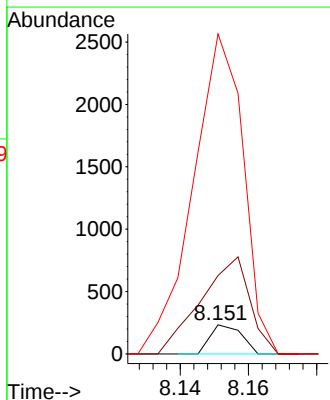
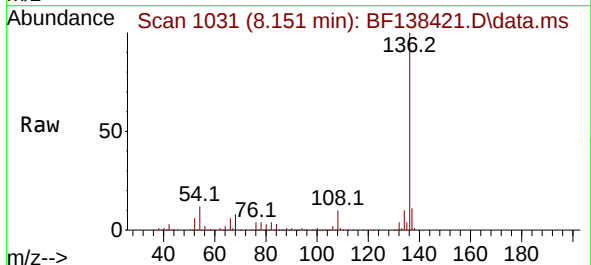
Instrument :
BNA_F
ClientSampleId :

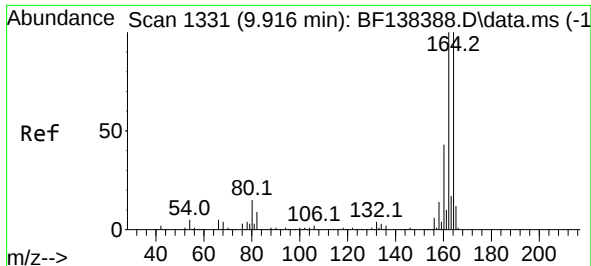
Tgt Ion: 82 Resp: 1390072
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.115 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.206 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Tgt Ion:122 Resp: 149
Ion Ratio Lower Upper
122 100
105 269.5 103.8 143.8#
77 1100.9 74.3 114.3#

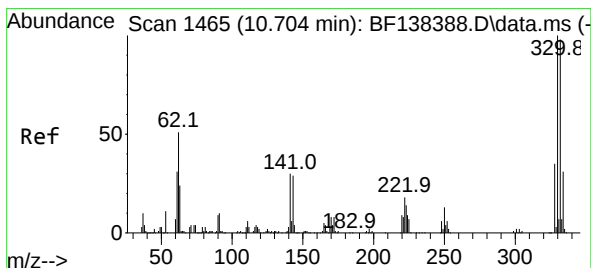
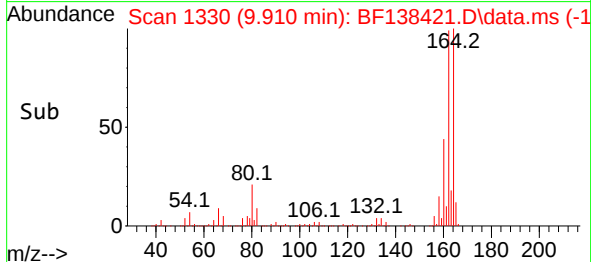
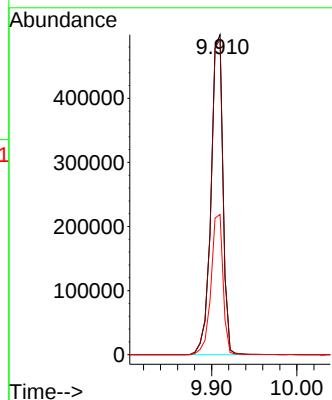
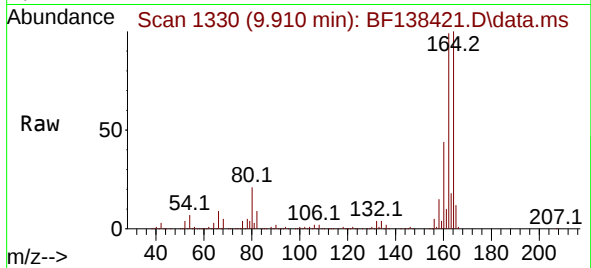




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

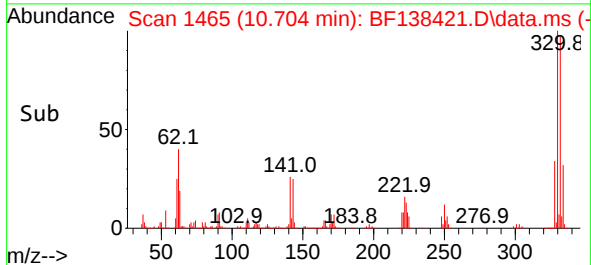
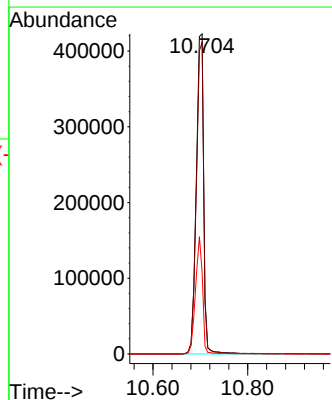
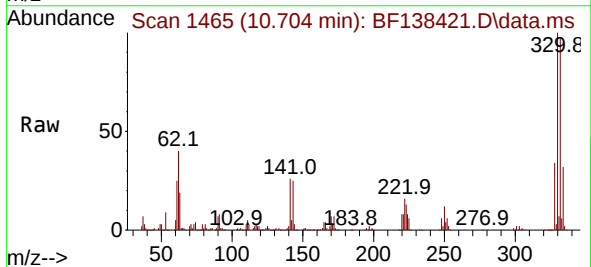
Instrument :
BNA_F
ClientSampleId :

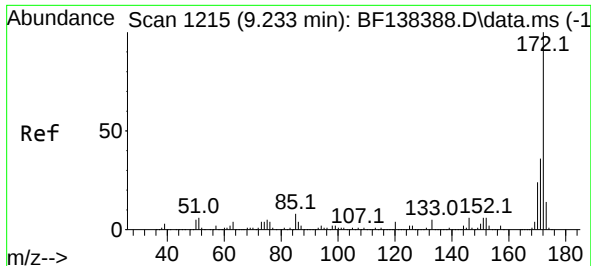
Tgt Ion:164 Resp: 486428
Ion Ratio Lower Upper
164 100
162 98.6 80.1 120.1
160 43.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 116.054 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Tgt Ion:330 Resp: 461220
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 34.9 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 75.329 ng

RT: 9.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138421.D

Acq: 02 Jul 2024 11:11

Instrument :

BNA_F

ClientSampleId :

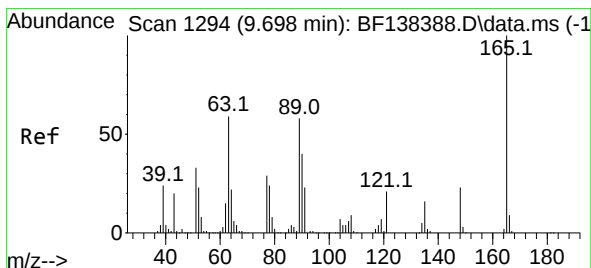
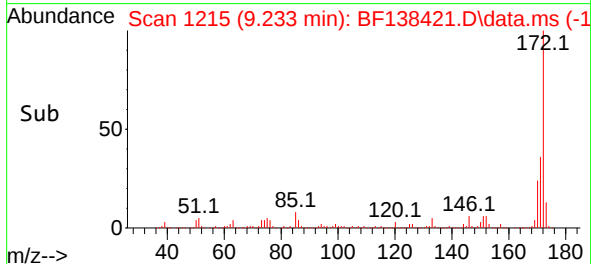
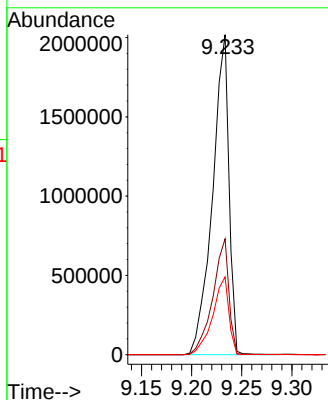
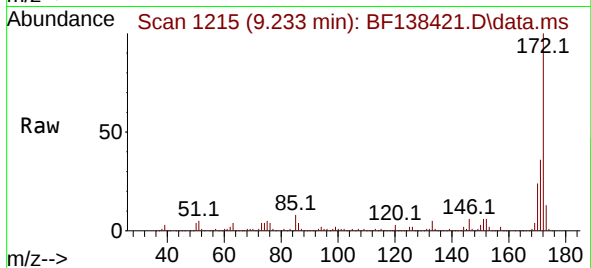
Tgt Ion:172 Resp: 2302436

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 24.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.933 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138421.D

Acq: 02 Jul 2024 11:11

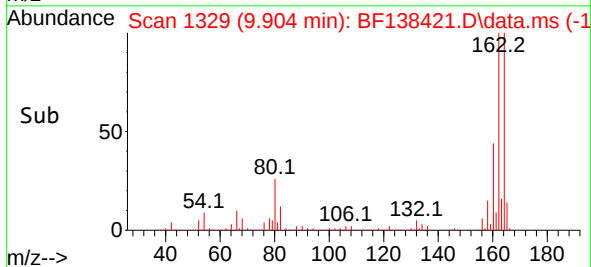
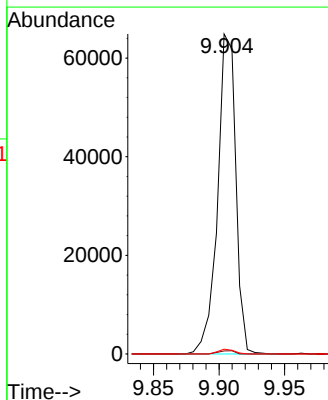
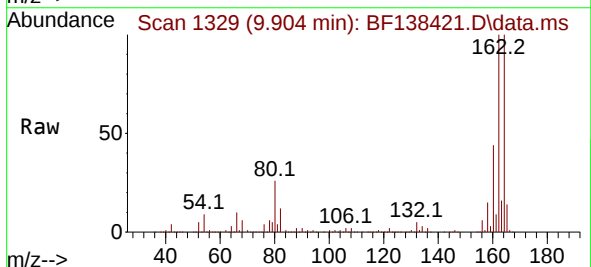
Tgt Ion:165 Resp: 62546

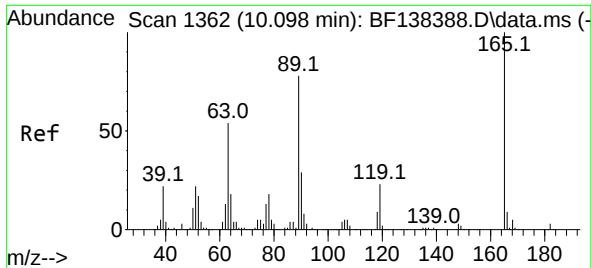
Ion Ratio Lower Upper

165 100

63 1.0 53.8 80.8#

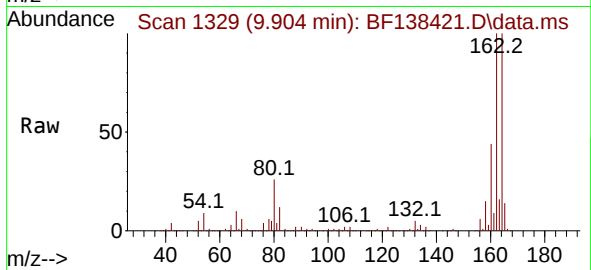
89 1.5 46.4 69.6#



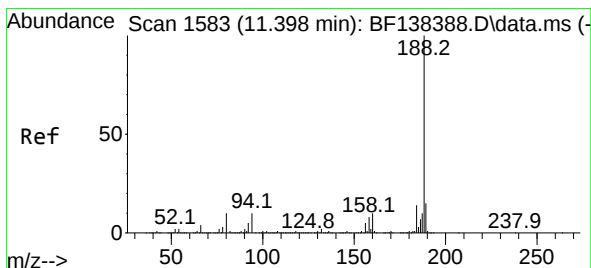
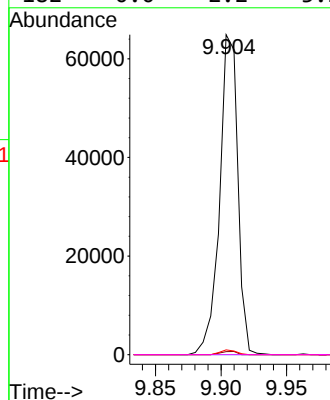
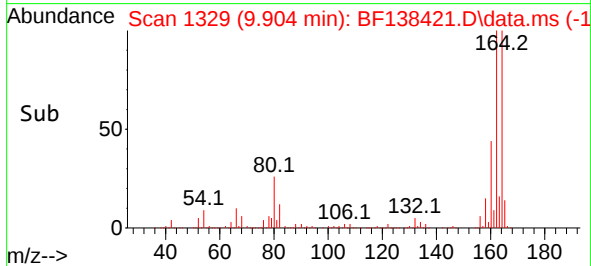


#57
2,4-Dinitrotoluene
Concen: 7.255 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Instrument :
BNA_F
ClientSampleId :

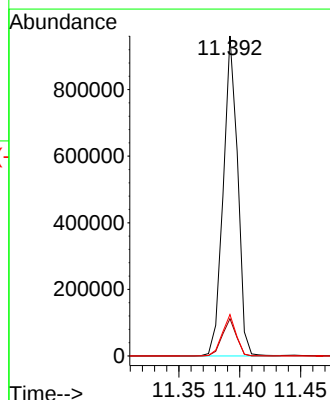
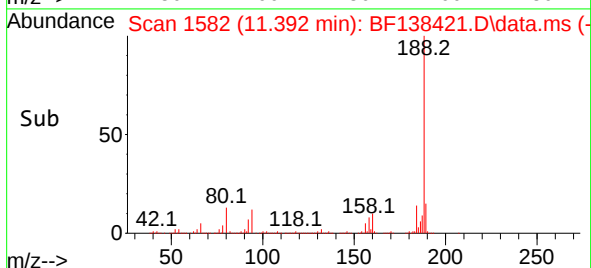
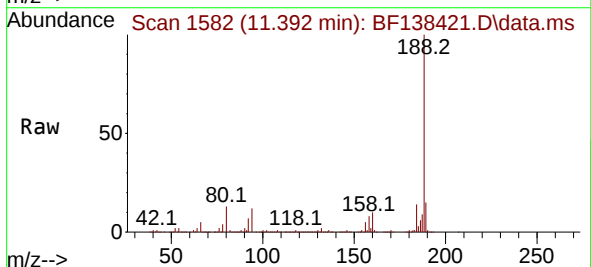


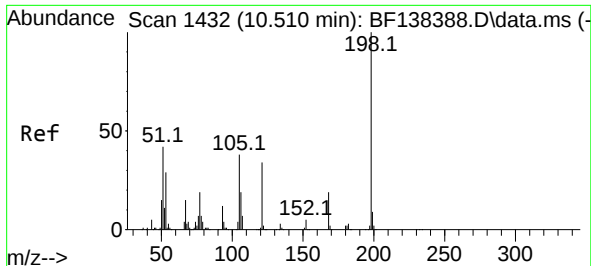
Tgt Ion:165 Resp: 62546
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.5 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

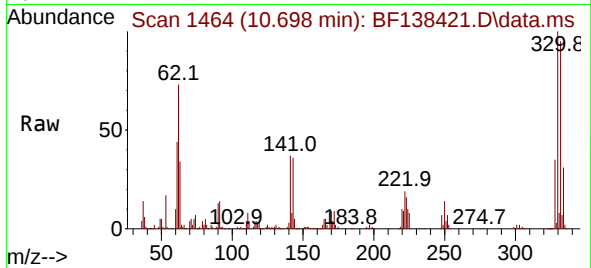
Tgt Ion:188 Resp: 791775
Ion Ratio Lower Upper
188 100
94 11.7 8.0 12.0
80 12.9 8.2 12.4#



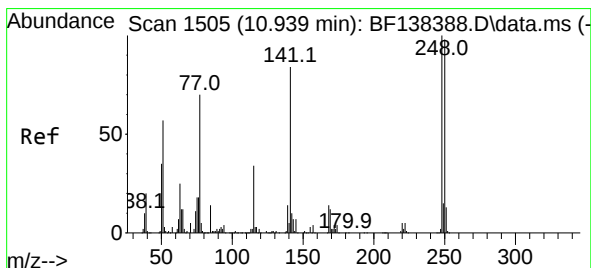
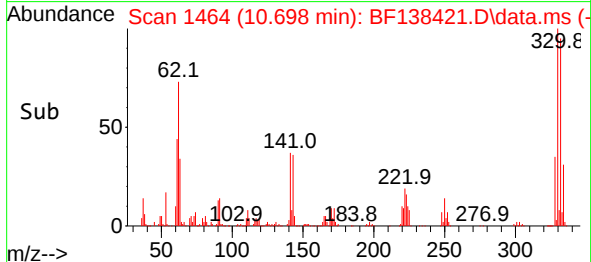
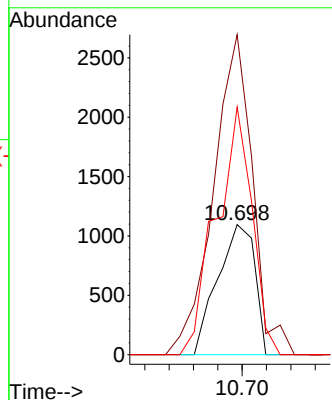


#65
4,6-Dinitro-2-methylphenol
Concen: 6.040 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Instrument :
BNA_F
ClientSampleId :

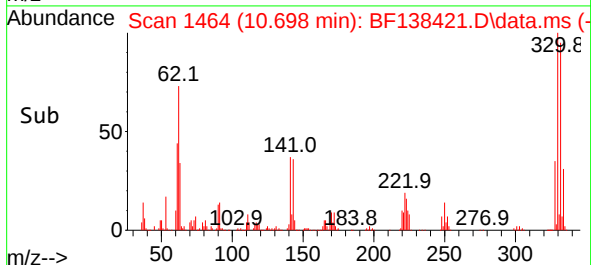
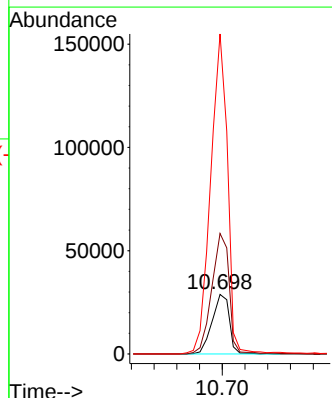
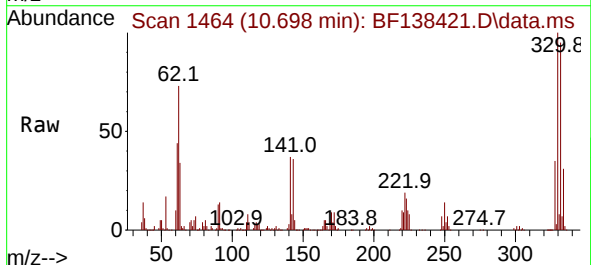


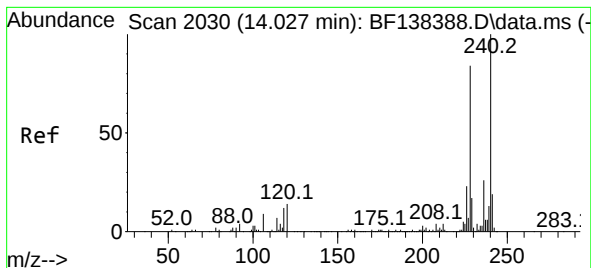
Tgt Ion:198 Resp: 1158
Ion Ratio Lower Upper
198 100
51 245.9 27.9 67.9#
105 190.1 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 3.557 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138421.D
Acq: 02 Jul 2024 11:11

Tgt Ion:248 Resp: 30271
Ion Ratio Lower Upper
248 100
250 202.4 78.2 117.4#
141 537.6 67.6 101.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138421.D

Acq: 02 Jul 2024 11:11

Instrument :

BNA_F

ClientSampleId :

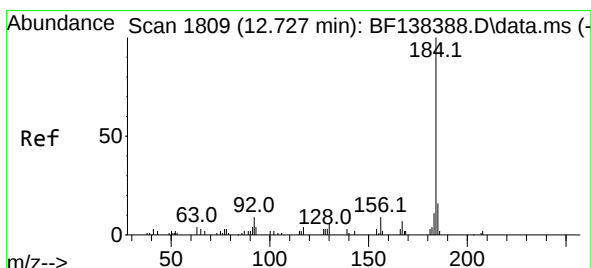
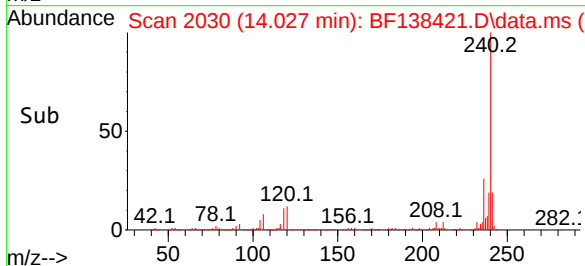
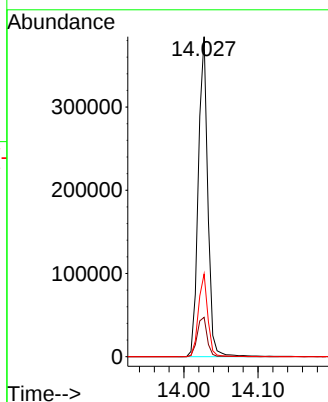
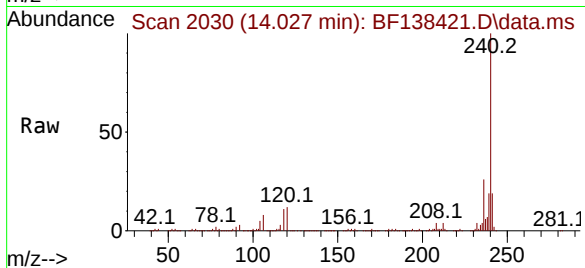
Tgt Ion:240 Resp: 341911

Ion Ratio Lower Upper

240 100

120 12.3 10.9 16.3

236 25.8 20.6 30.8



#77

Benzidine

Concen: 8.634 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF138421.D

Acq: 02 Jul 2024 11:11

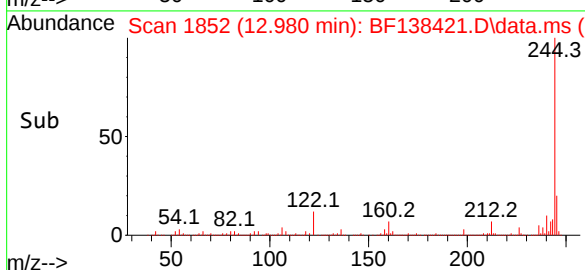
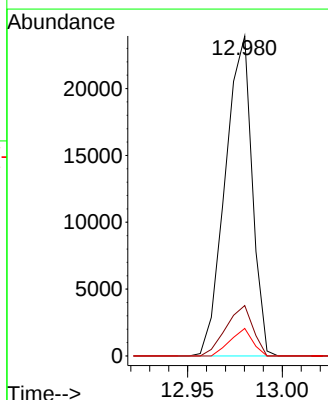
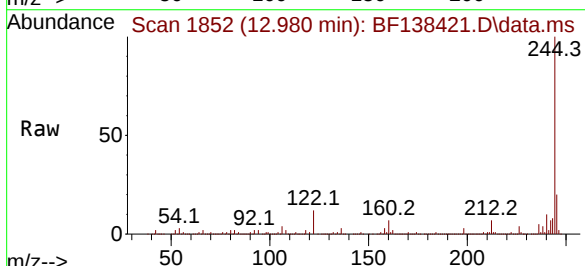
Tgt Ion:184 Resp: 23607

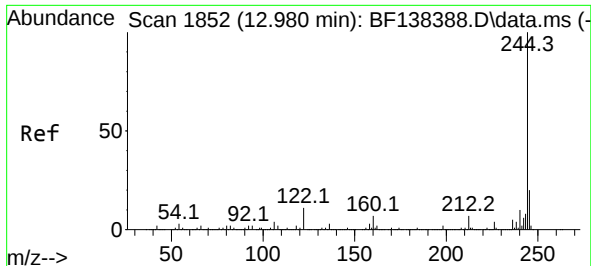
Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.4

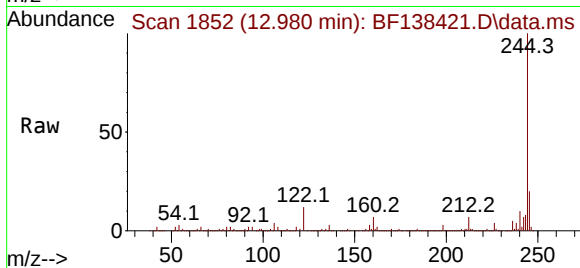
183 8.6 9.0 13.6#





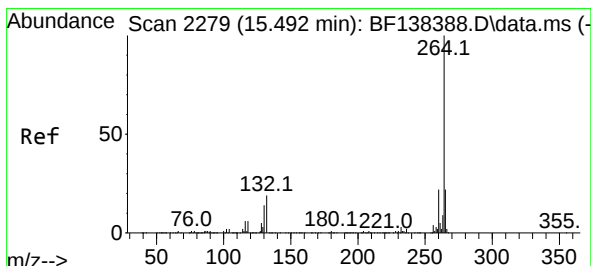
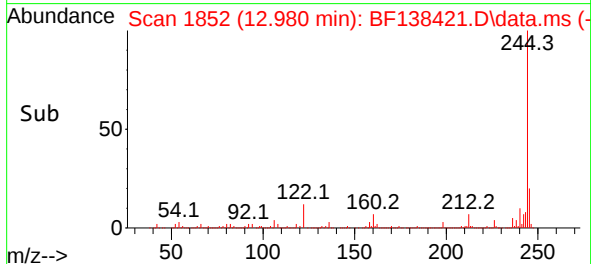
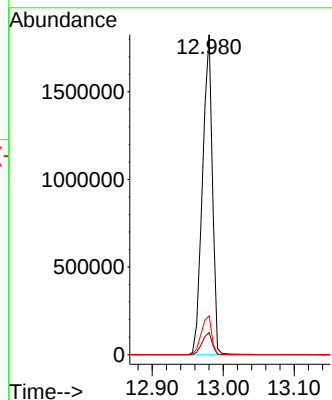
#79
 Terphenyl-d14
 Concen: 71.035 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138421.D
 Acq: 02 Jul 2024 11:11

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1772284

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.1	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF138421.D
 Acq: 02 Jul 2024 11:11

Tgt Ion:264 Resp: 310421

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.6
265	21.3	17.5	26.3

