

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138396.D
 Acq On : 01 Jul 2024 11:26
 Operator : CG\JU
 Sample : PB161809BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161809BL

Quant Time: Jul 01 12:25:37 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)

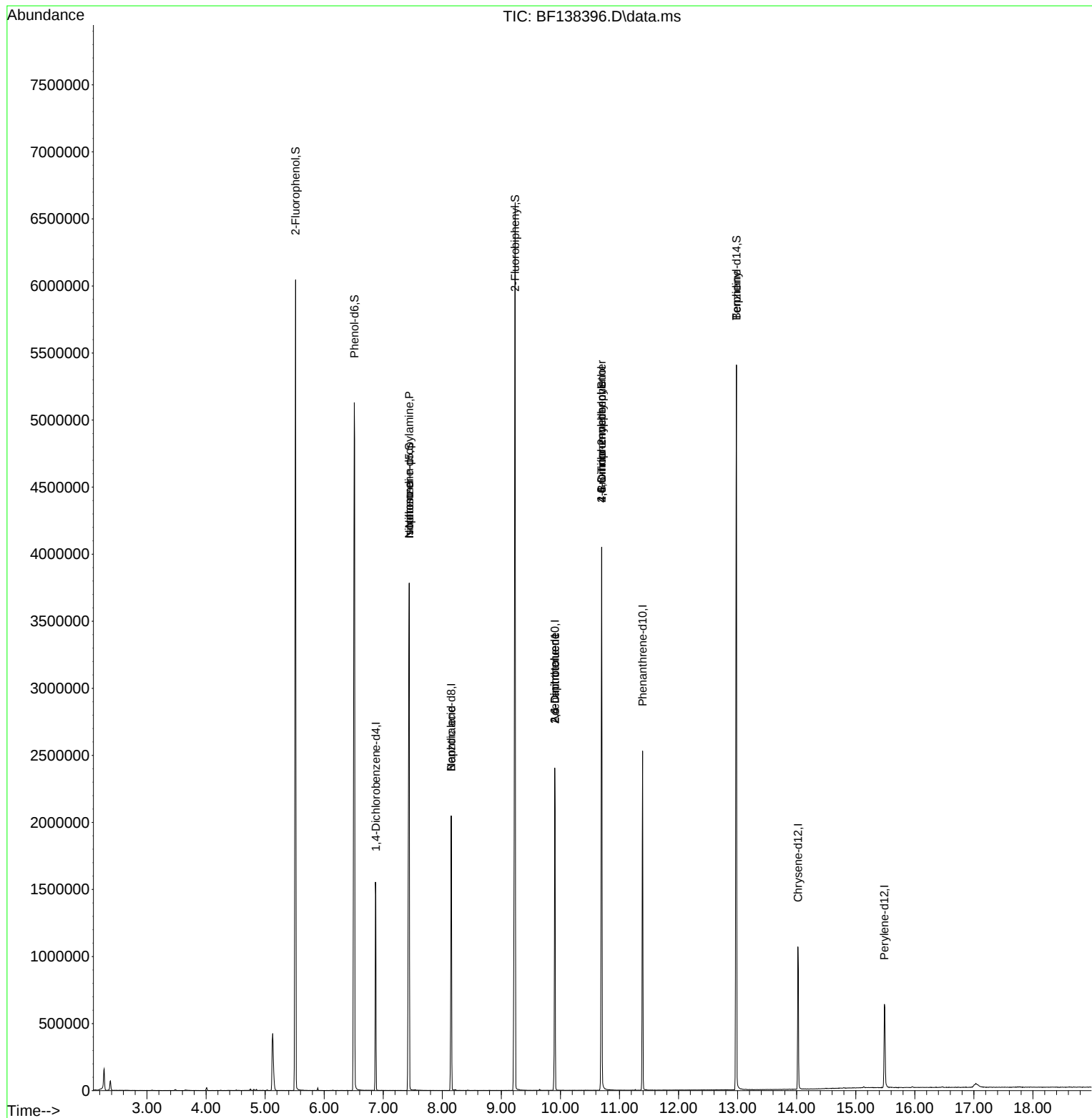
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	219737	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	912818	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	520180	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	850746	20.000	ng	0.00
76) Chrysene-d12	14.021	240	339085	20.000	ng	0.00
86) Perylene-d12	15.486	264	294922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1638605	123.635	ng	0.02
7) Phenol-d6	6.510	99	2217319	124.193	ng	0.00
23) Nitrobenzene-d5	7.439	82	1467288	83.502	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	488596	114.966	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2452681	75.038	ng	0.00
79) Terphenyl-d14	12.980	244	1978835	79.975	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	194988	17.324	ng	# 75
25) Isophorone	7.439	82	1461212	45.098	ng	# 67
32) Benzoic acid	8.151	122	190	4.119	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	66461	8.876	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	66461	7.209	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	1219	6.035	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	33145	3.625	ng	# 1
77) Benzidine	12.980	184	25015	9.226	ng	97

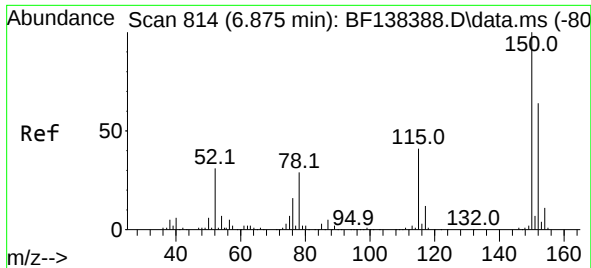
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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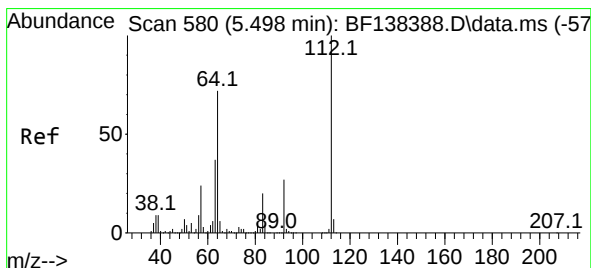
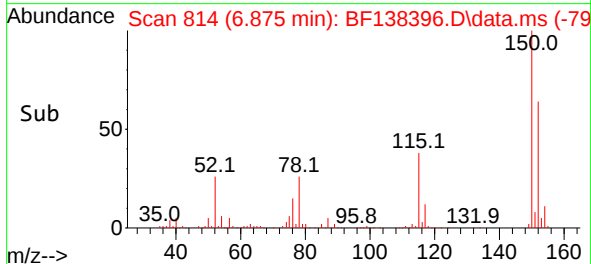
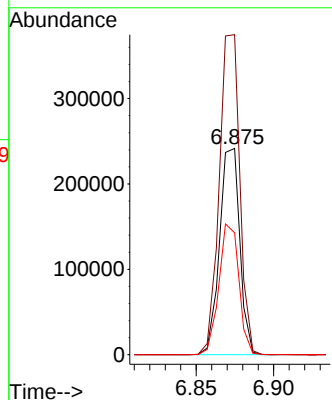
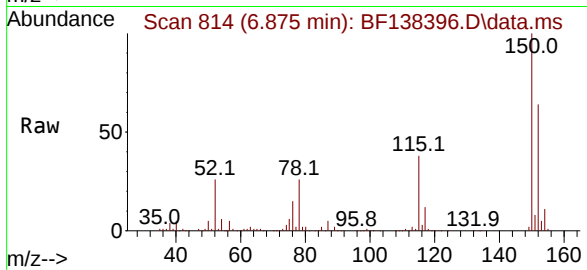




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

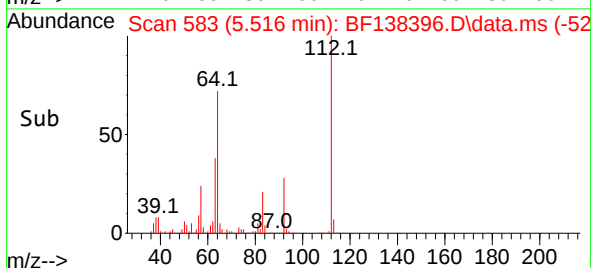
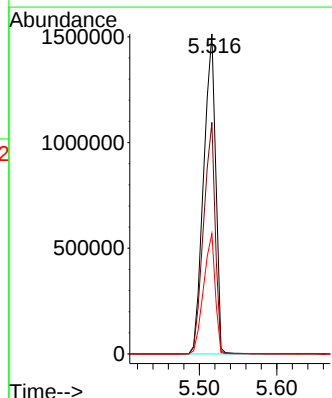
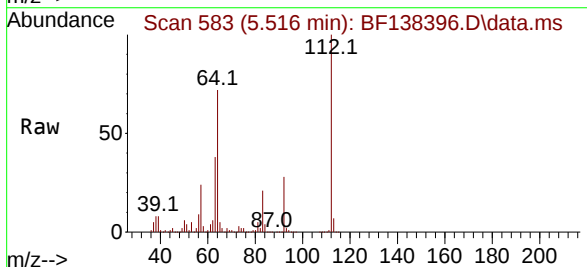
Instrument :
BNA_F
ClientSampleId :
PB161809BL

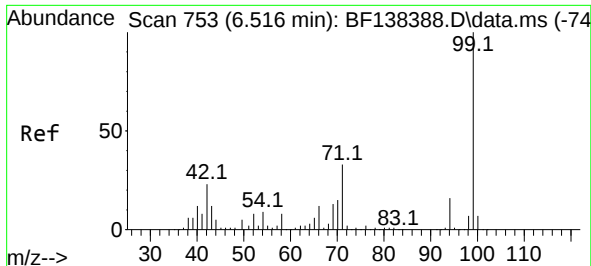
Tgt Ion:152 Resp: 219737
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 59.2 50.8 76.2



#5
2-Fluorophenol
Concen: 123.635 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

Tgt Ion:112 Resp: 1638605
Ion Ratio Lower Upper
112 100
64 72.3 57.2 85.8
63 37.6 29.4 44.0

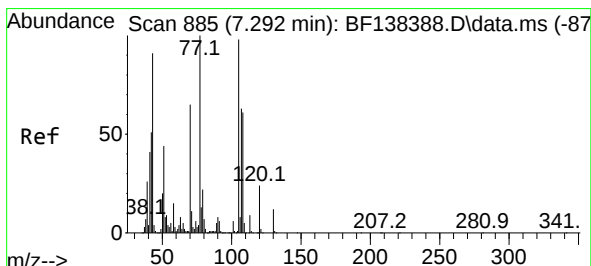
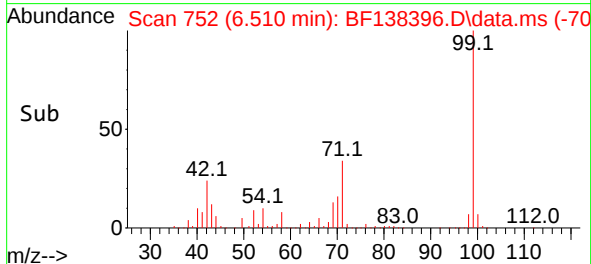
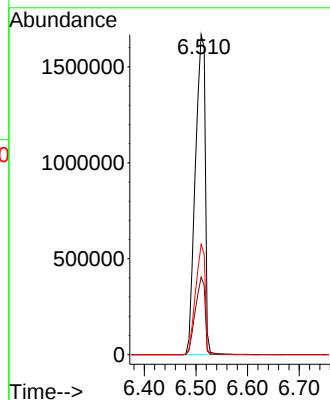
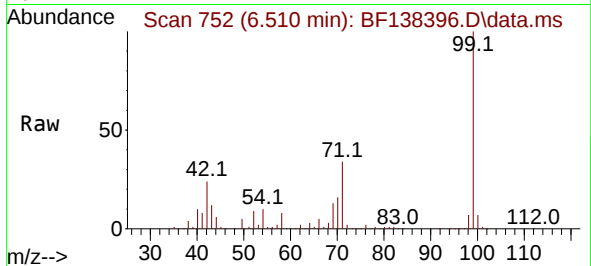




#7
Phenol-d6
Concen: 124.193 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

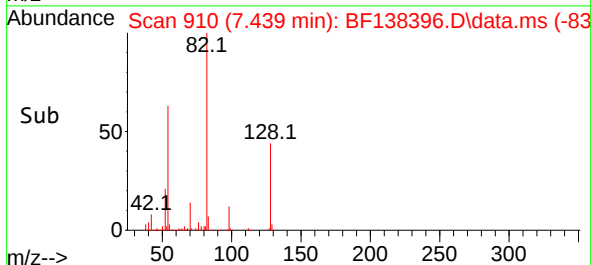
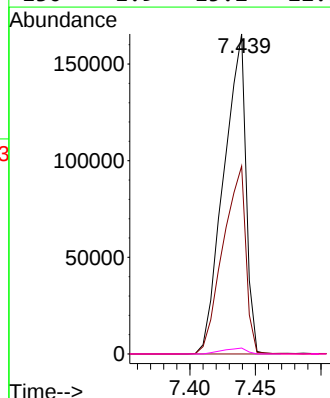
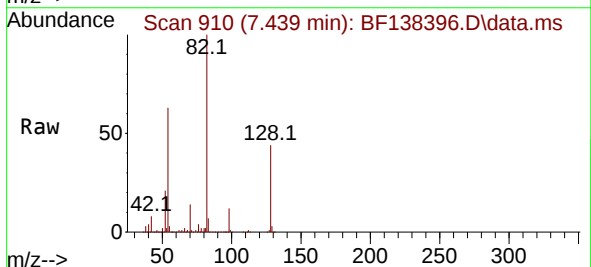
Instrument :
BNA_F
ClientSampleId :
PB161809BL

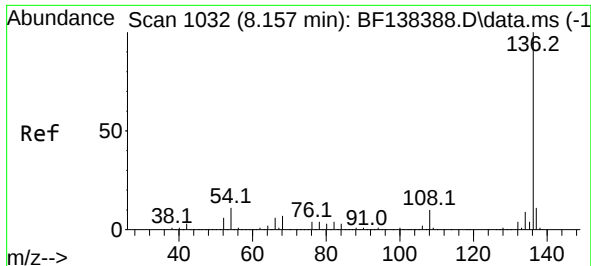
Tgt Ion: 99 Resp: 2217319
Ion Ratio Lower Upper
99 100
42 24.2 18.5 27.7
71 34.5 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.324 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

Tgt Ion: 70 Resp: 194988
Ion Ratio Lower Upper
70 100
42 58.7 62.5 93.7#
101 0.0 7.0 10.4#
130 1.9 15.2 22.8#

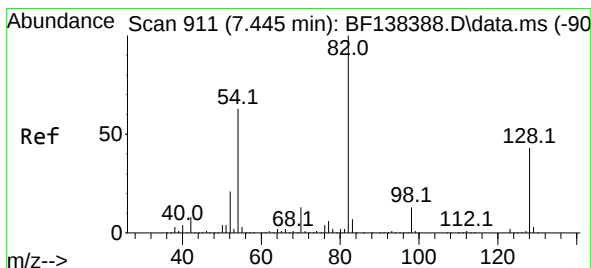
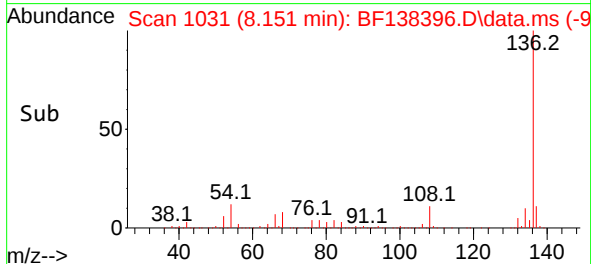
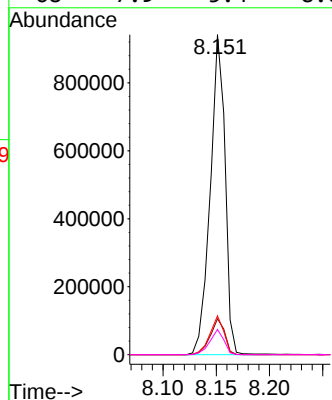
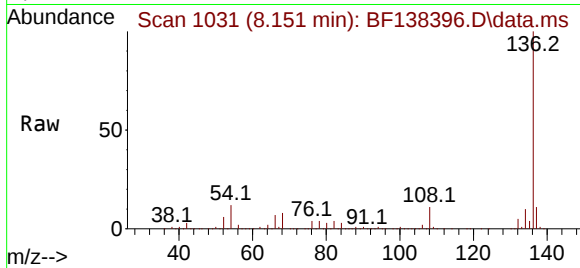




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

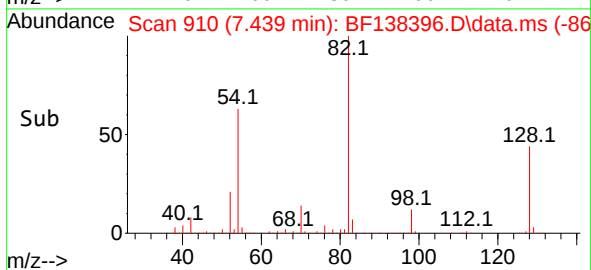
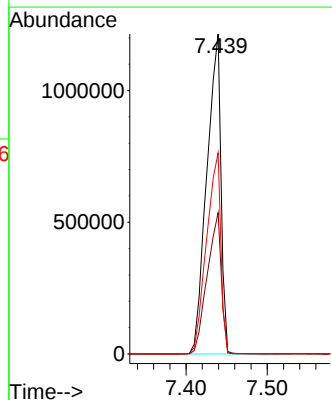
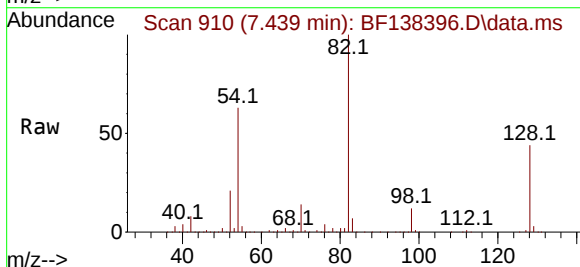
Instrument :
BNA_F
ClientSampleId :
PB161809BL

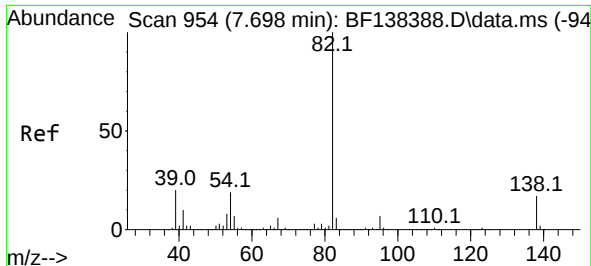
Tgt Ion:136	Resp: 912818
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 12.2	9.0 13.4
68 7.9	5.4 8.0



#23
Nitrobenzene-d5
Concen: 83.502 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

Tgt Ion: 82		Resp: 1467288	
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	52.0
54	62.9	50.5	75.7

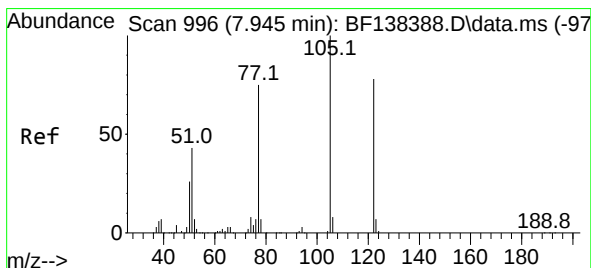
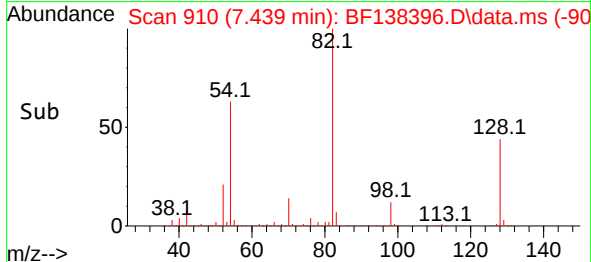
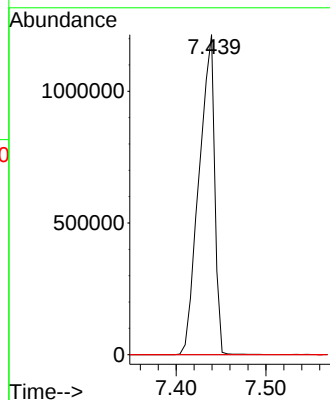
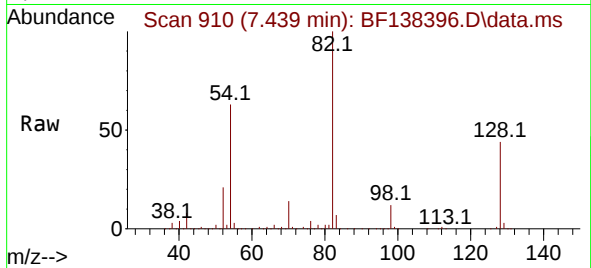




#25
Isophorone
Concen: 45.098 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

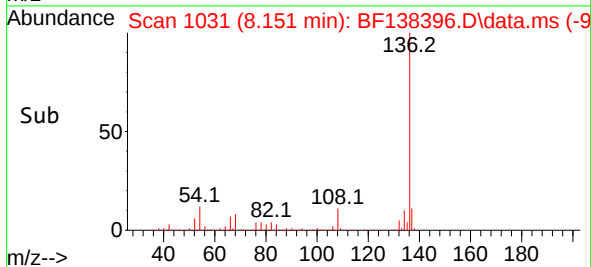
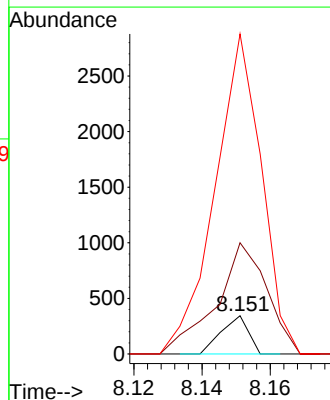
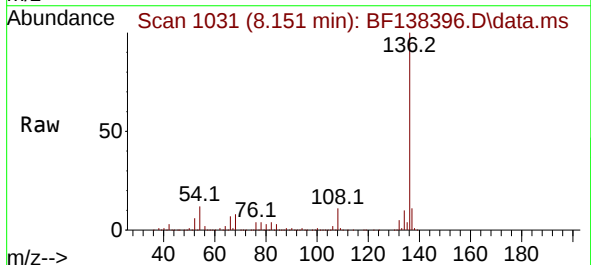
Instrument :
BNA_F
ClientSampleId :
PB161809BL

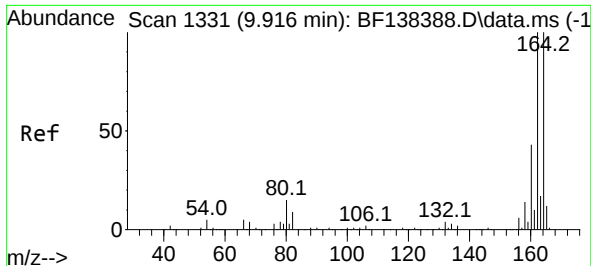
Tgt Ion: 82 Resp: 1461212
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.119 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.206 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

Tgt Ion:122 Resp: 190
Ion Ratio Lower Upper
122 100
105 290.7 103.8 143.8#
77 836.6 74.3 114.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138396.D

Acq: 01 Jul 2024 11:26

Instrument :

BNA_F

ClientSampleId :

PB161809BL

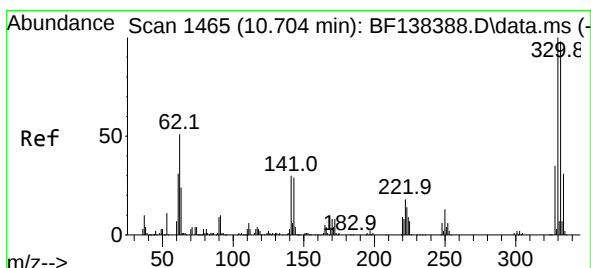
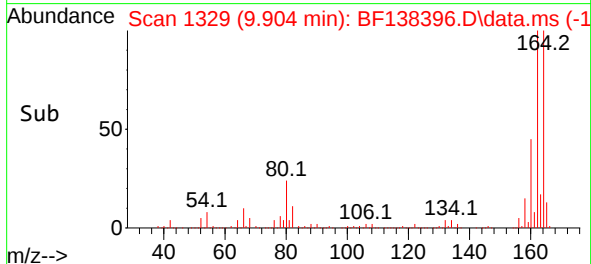
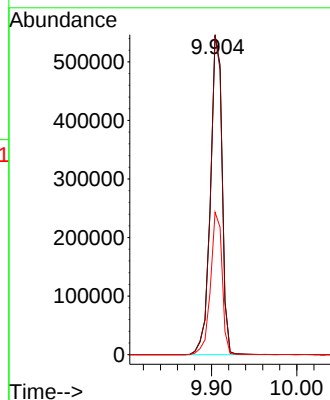
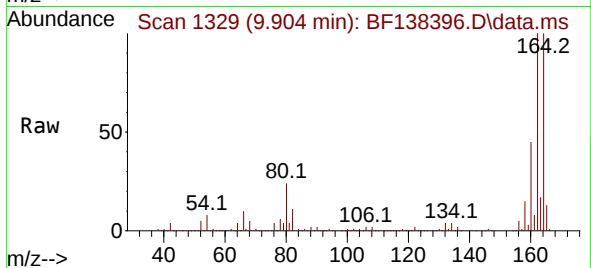
Tgt Ion:164 Resp: 520180

Ion Ratio Lower Upper

164 100

162 100.3 80.1 120.1

160 44.7 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 114.966 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138396.D

Acq: 01 Jul 2024 11:26

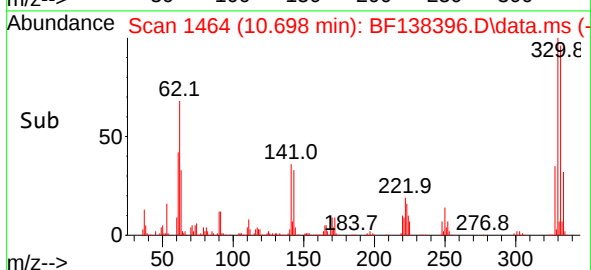
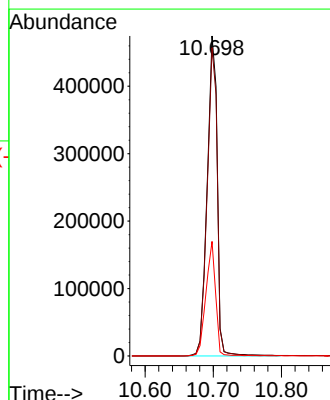
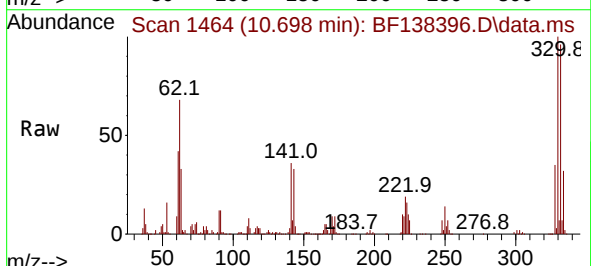
Tgt Ion:330 Resp: 488596

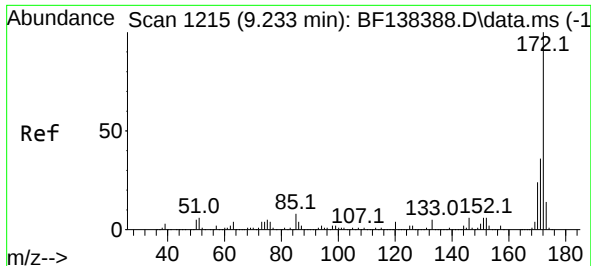
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 34.5 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 75.038 ng

RT: 9.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138396.D

Acq: 01 Jul 2024 11:26

Instrument :

BNA_F

ClientSampleId :

PB161809BL

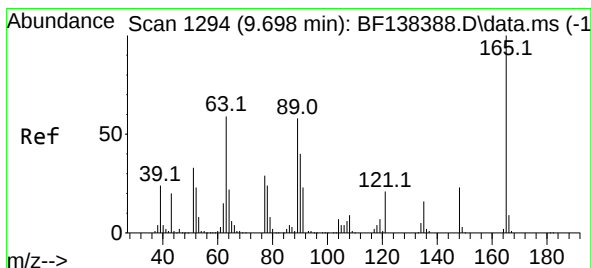
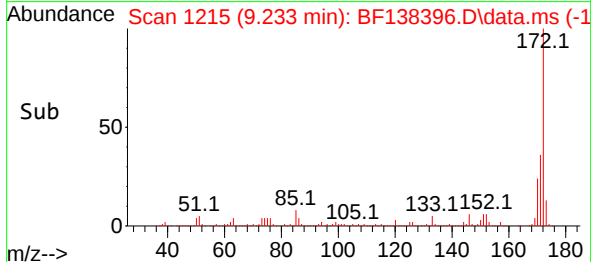
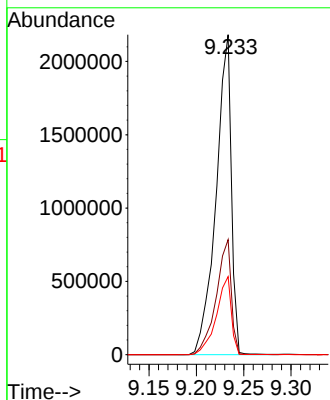
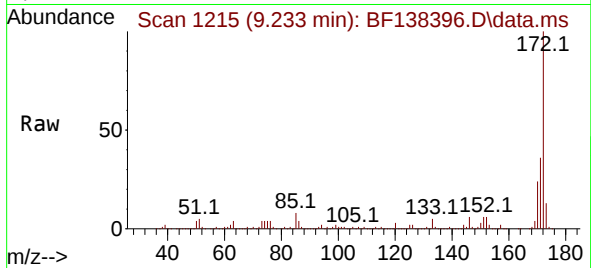
Tgt Ion:172 Resp: 2452681

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

170 24.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.876 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138396.D

Acq: 01 Jul 2024 11:26

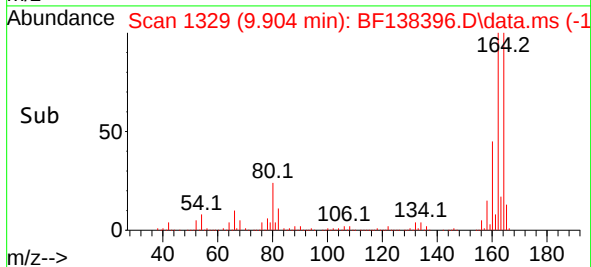
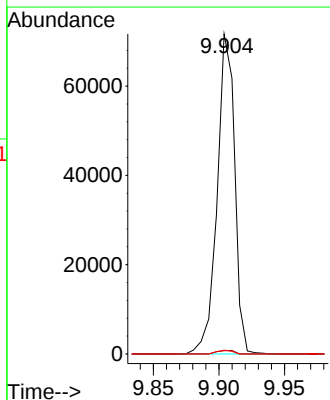
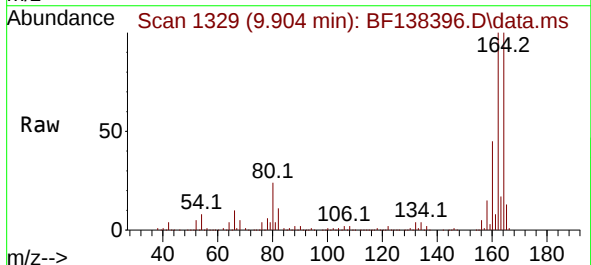
Tgt Ion:165 Resp: 66461

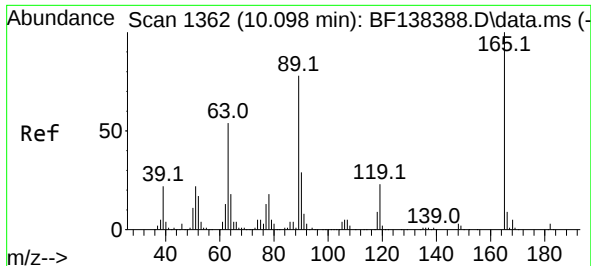
Ion Ratio Lower Upper

165 100

63 1.0 53.8 80.8#

89 1.2 46.4 69.6#

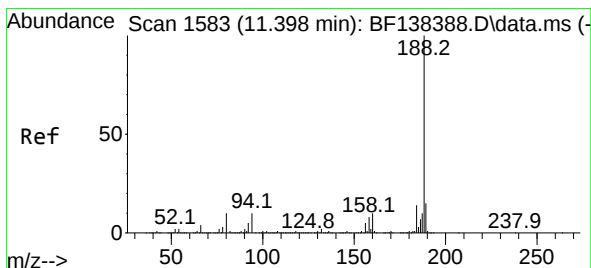
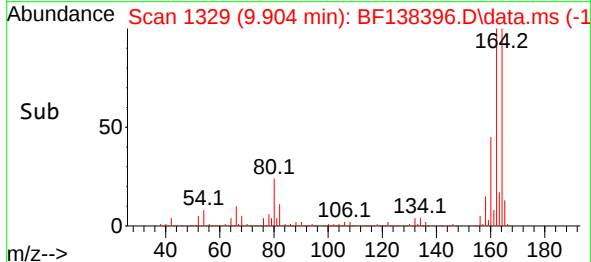
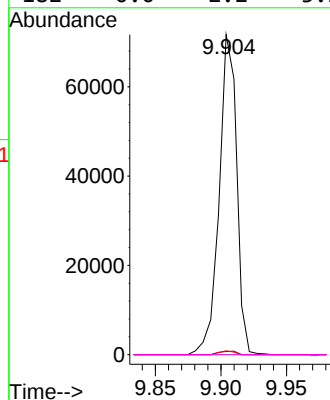
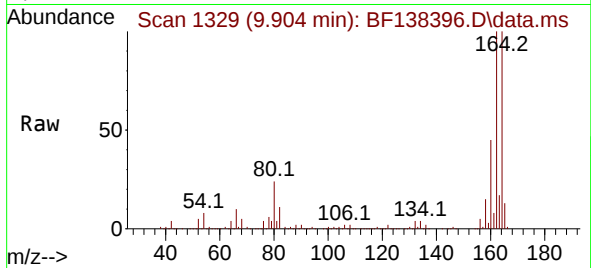




#57
2,4-Dinitrotoluene
Concen: 7.209 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

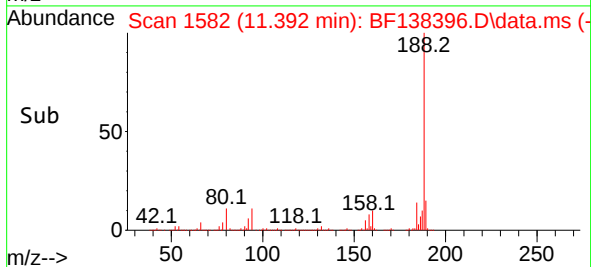
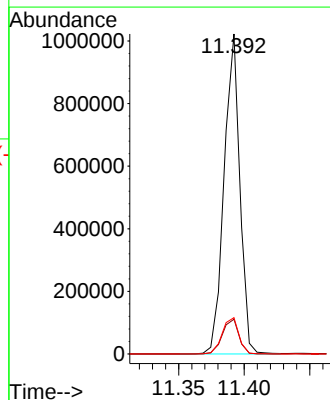
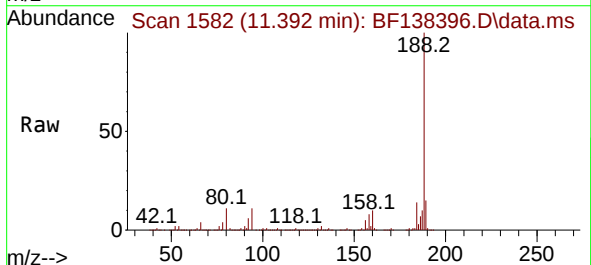
Instrument :
BNA_F
ClientSampleId :
PB161809BL

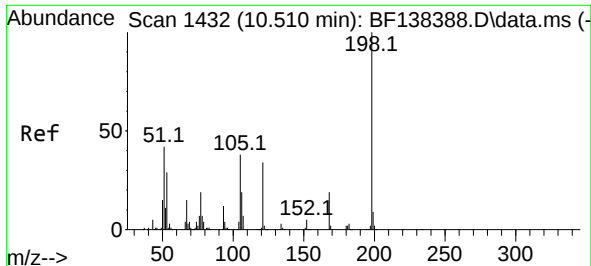
Tgt Ion:165 Resp: 66461
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.2 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

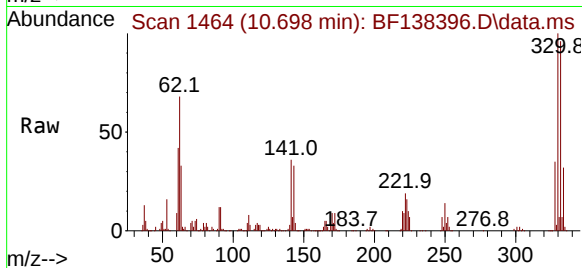
Tgt Ion:188 Resp: 850746
Ion Ratio Lower Upper
188 100
94 10.9 8.0 12.0
80 11.4 8.2 12.4



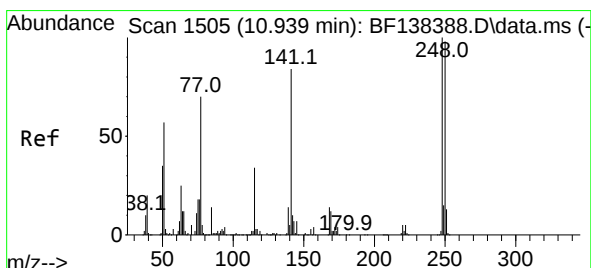
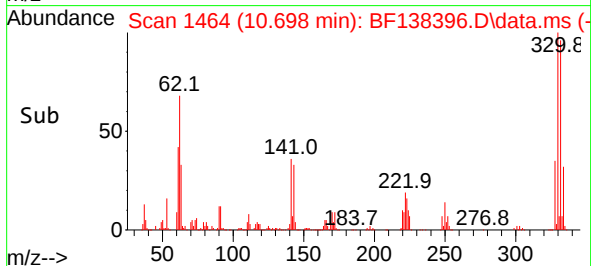
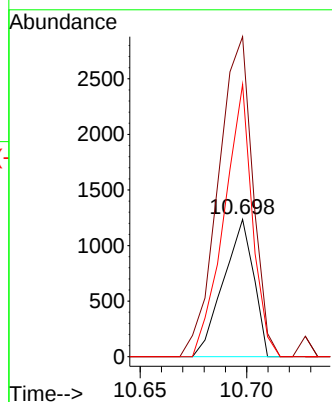


#65
4,6-Dinitro-2-methylphenol
Concen: 6.035 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

Instrument :
BNA_F
ClientSampleId :
PB161809BL

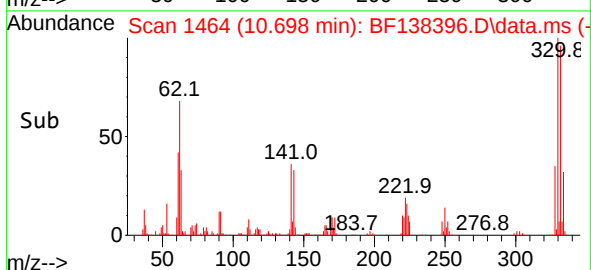
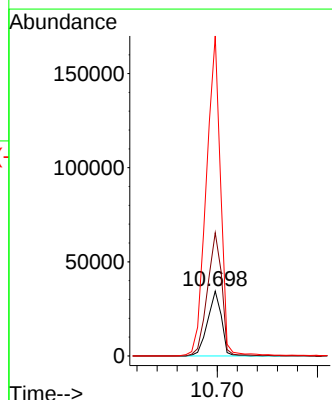
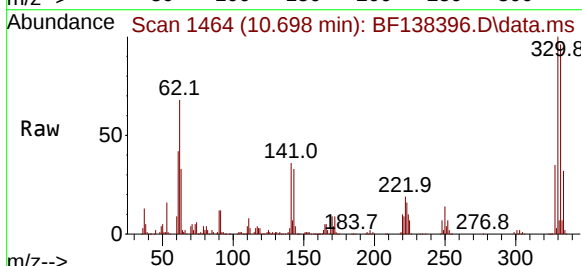


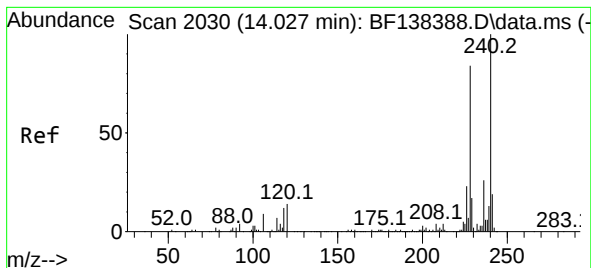
Tgt Ion:198 Resp: 1219
Ion Ratio Lower Upper
198 100
51 232.9 27.9 67.9#
105 198.2 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 3.625 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138396.D
Acq: 01 Jul 2024 11:26

Tgt Ion:248 Resp: 33145
Ion Ratio Lower Upper
248 100
250 190.0 78.2 117.4#
141 493.8 67.6 101.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138396.D

Acq: 01 Jul 2024 11:26

Instrument :

BNA_F

ClientSampleId :

PB161809BL

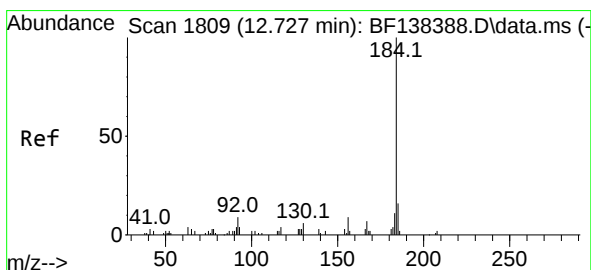
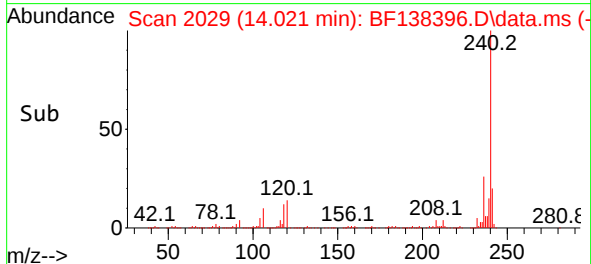
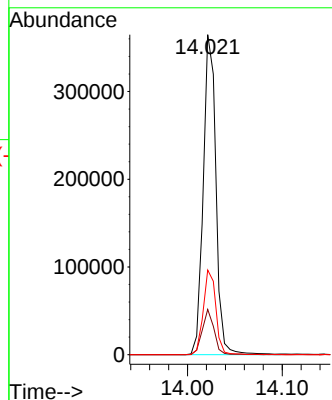
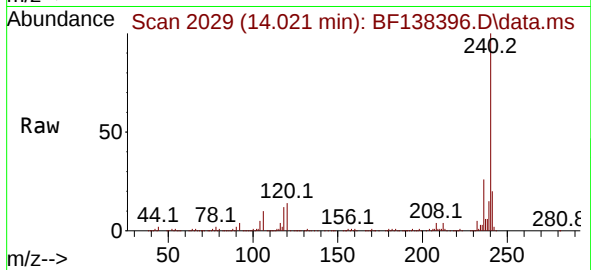
Tgt Ion:240 Resp: 339085

Ion Ratio Lower Upper

240 100

120 14.1 10.9 16.3

236 26.4 20.6 30.8



#77

Benzdine

Concen: 9.226 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF138396.D

Acq: 01 Jul 2024 11:26

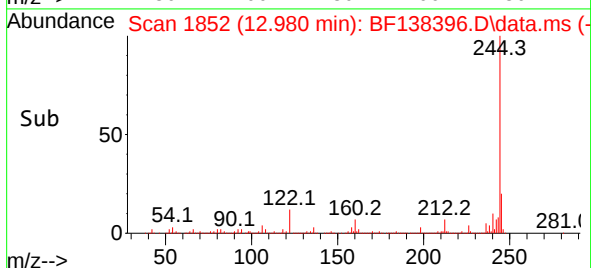
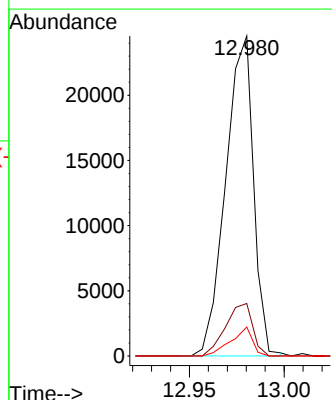
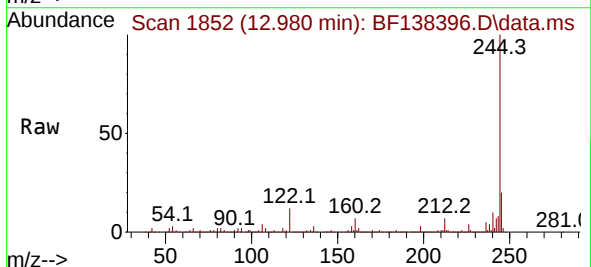
Tgt Ion:184 Resp: 25015

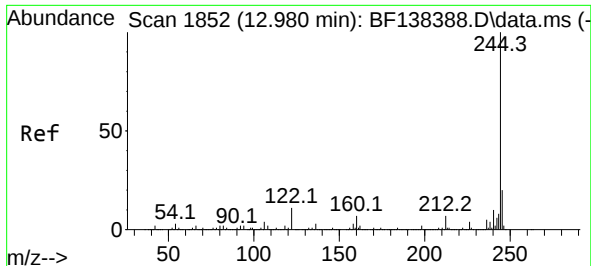
Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.4

183 9.0 9.0 13.6

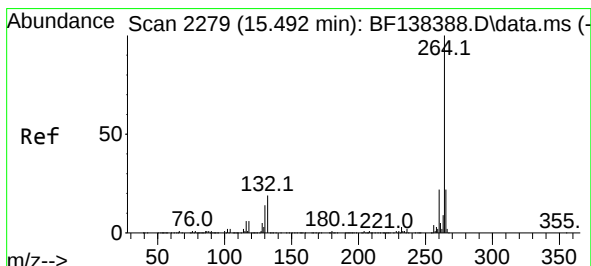
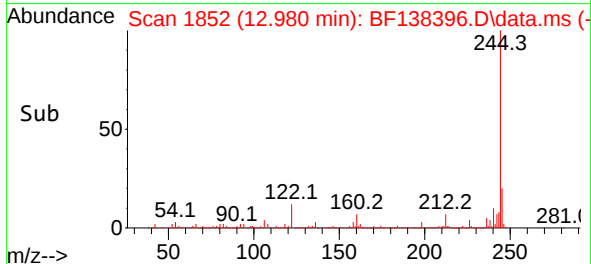
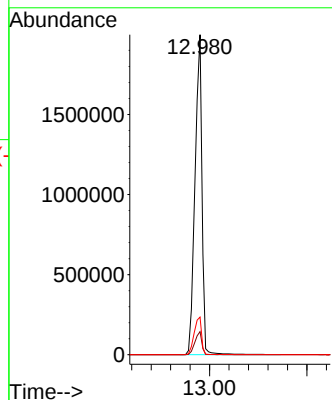
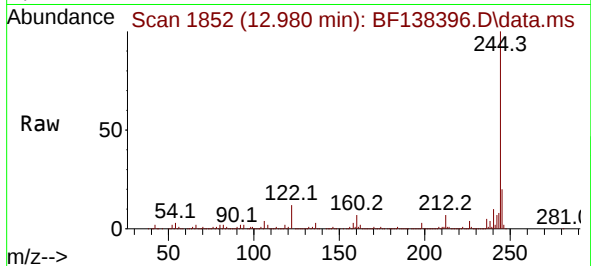




#79
 Terphenyl-d14
 Concen: 79.975 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138396.D
 Acq: 01 Jul 2024 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB161809BL

Tgt Ion:244 Resp: 1978835
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF138396.D
 Acq: 01 Jul 2024 11:26

Tgt Ion:264 Resp: 294922
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.8 26.6
 265 21.8 17.5 26.3

