

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138399.D
 Acq On : 01 Jul 2024 13:09
 Operator : CG\JU
 Sample : P3119-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20240627

Quant Time: Jul 01 13:44:39 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)

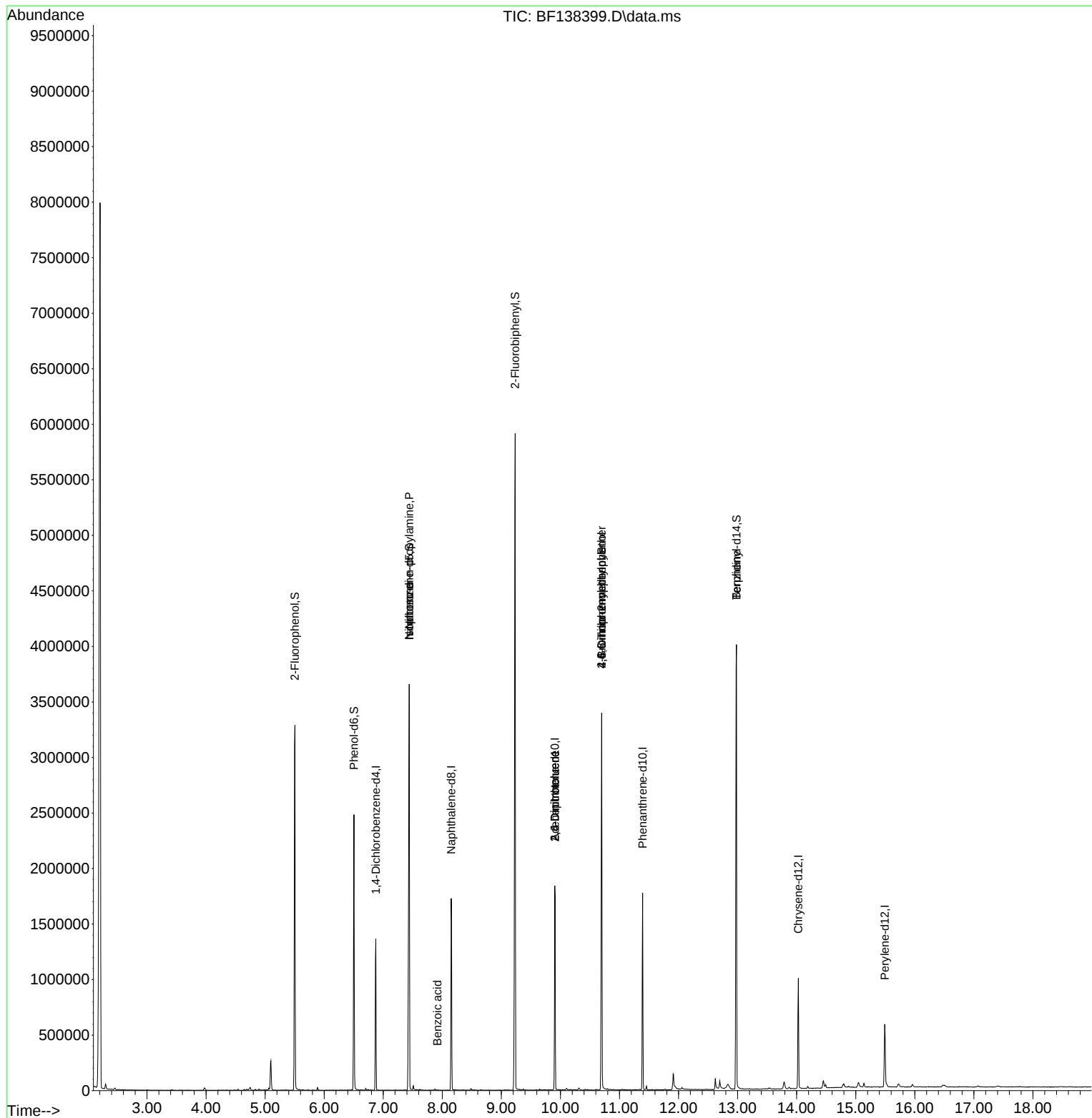
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	182330	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	733542	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	390330	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	566911	20.000	ng	0.00
76) Chrysene-d12	14.027	240	300649	20.000	ng	0.00
86) Perylene-d12	15.492	264	252653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	831321	75.593	ng	0.00
7) Phenol-d6	6.504	99	680497	45.935	ng	-0.01
23) Nitrobenzene-d5	7.439	82	1243166	88.038	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	368225	115.466	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1932782	78.804	ng	0.00
79) Terphenyl-d14	12.980	244	1480865	67.501	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	166944	17.876	ng	# 75
25) Isophorone	7.439	82	1241755	47.691	ng	# 67
32) Benzoic acid	7.916	122	75	4.109	ng	# 72
51) 2,6-Dinitrotoluene	9.904	165	49570	8.823	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	49570	7.166	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	815	6.036	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	24890	4.085	ng	# 1
77) Benzidine	12.980	184	18623	7.746	ng	# 95

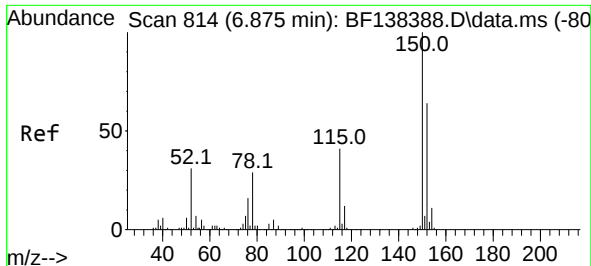
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138399.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-20240627

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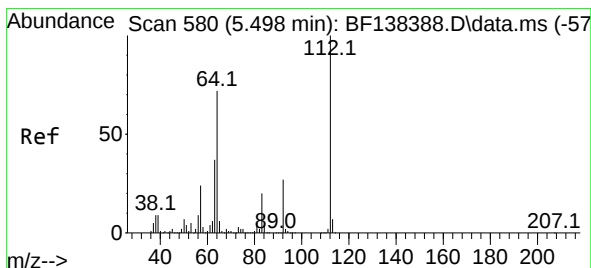
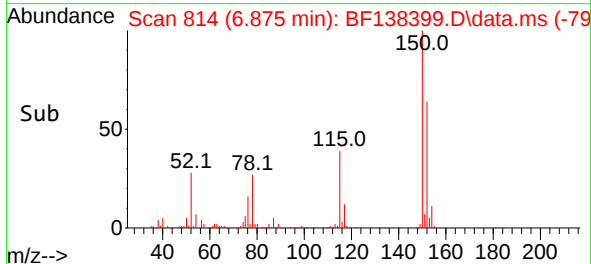
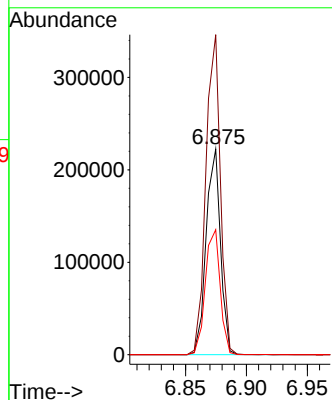
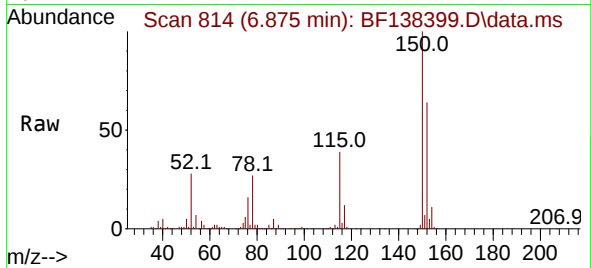




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

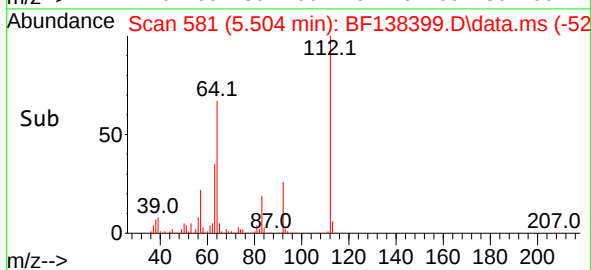
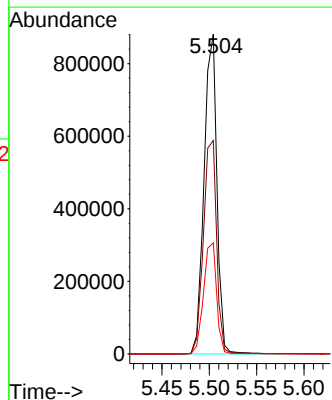
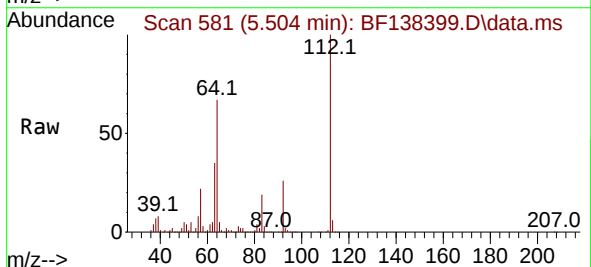
Instrument :
BNA_F
ClientSampleId :
FB-20240627

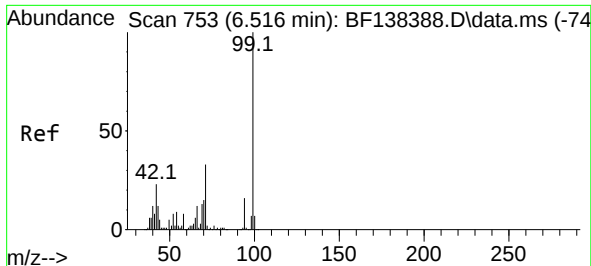
Tgt Ion:152 Resp: 182330
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 60.8 50.8 76.2



#5
2-Fluorophenol
Concen: 75.593 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

Tgt Ion:112 Resp: 831321
Ion Ratio Lower Upper
112 100
64 66.7 57.2 85.8
63 34.7 29.4 44.0

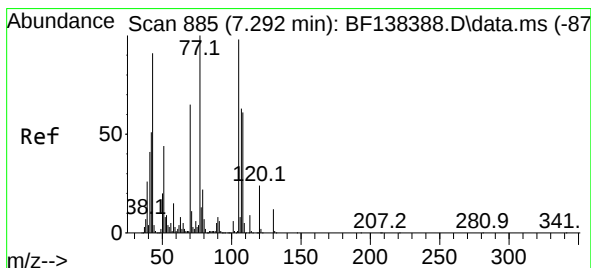
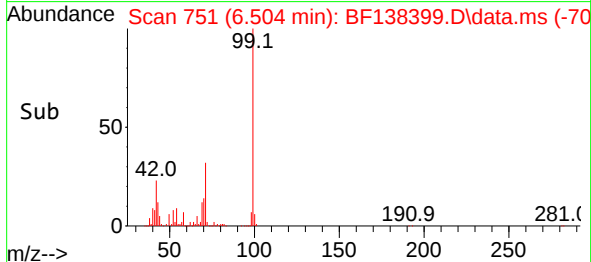
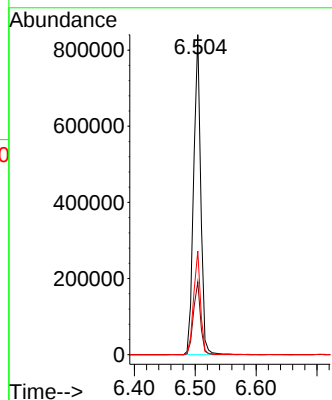
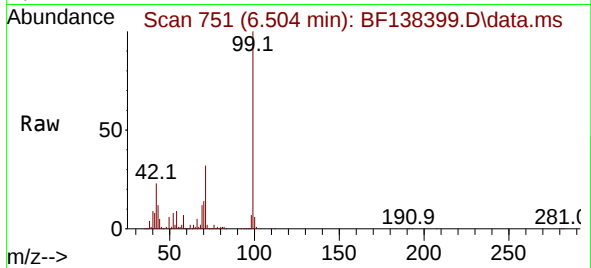




#7
Phenol-d6
Concen: 45.935 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

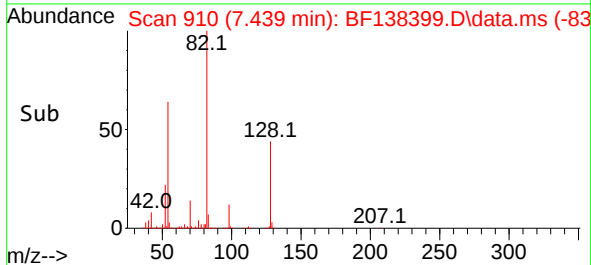
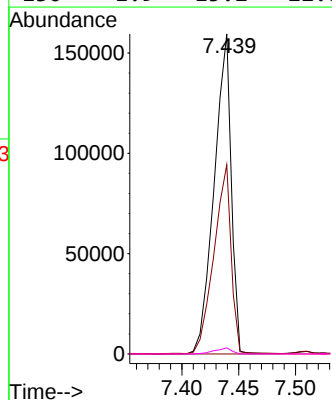
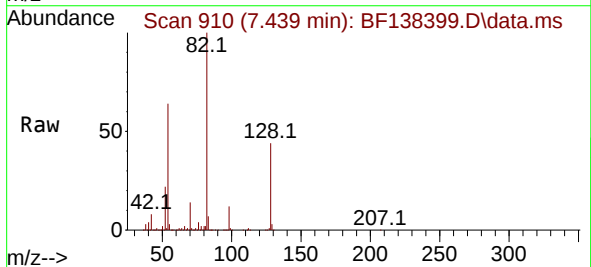
Instrument :
BNA_F
ClientSampleId :
FB-20240627

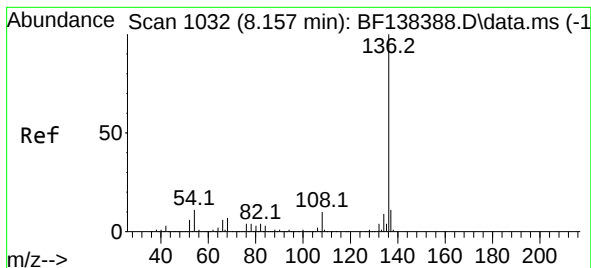
Tgt Ion: 99 Resp: 680497
Ion Ratio Lower Upper
99 100
42 22.8 18.5 27.7
71 32.3 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.876 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

Tgt Ion: 70 Resp: 166944
Ion Ratio Lower Upper
70 100
42 59.1 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# 1

Delta R.T. -0.006 min

Lab File: BF138399.D

Acq: 01 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

FB-20240627

Tgt Ion:136 Resp: 733542

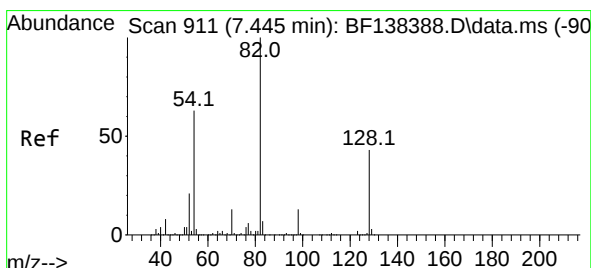
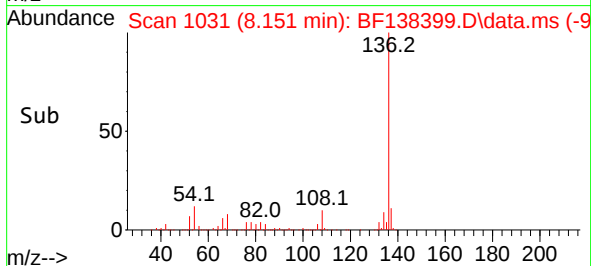
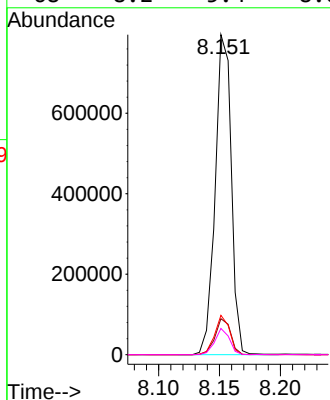
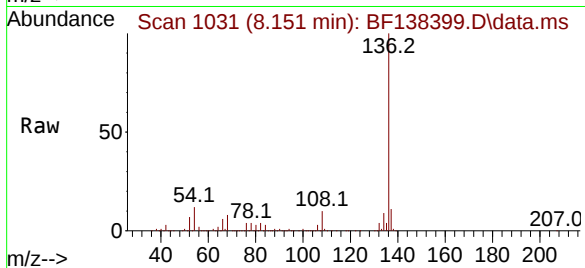
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 12.3 9.0 13.4

68 8.2 5.4 8.0#



#23

Nitrobenzene-d5

Concen: 88.038 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF138399.D

Acq: 01 Jul 2024 13:09

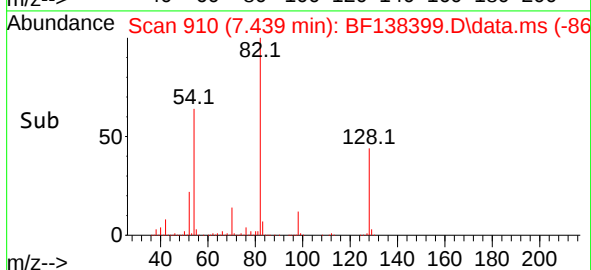
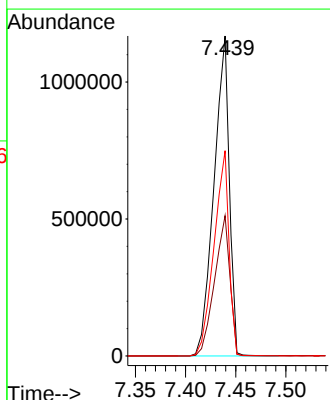
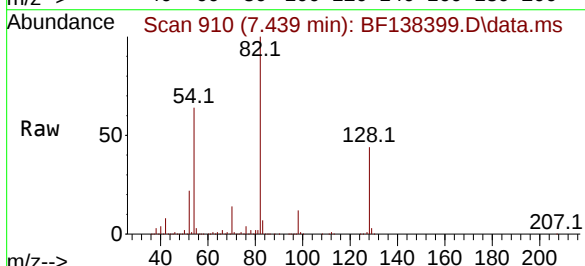
Tgt Ion: 82 Resp: 1243166

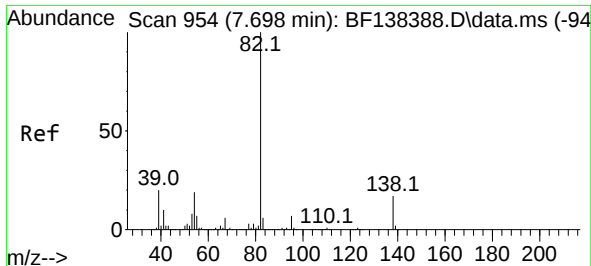
Ion Ratio Lower Upper

82 100

128 43.8 34.6 52.0

54 64.2 50.5 75.7

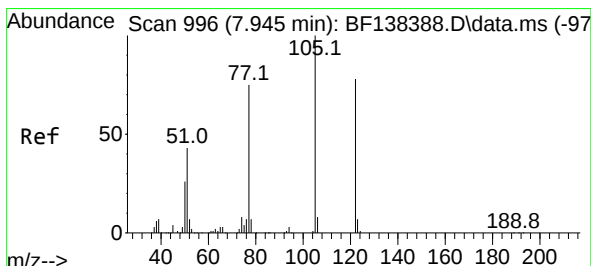
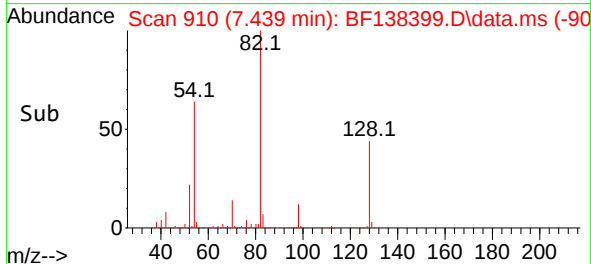
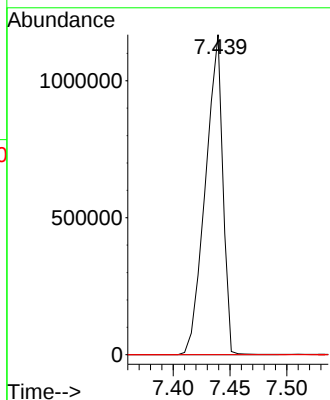
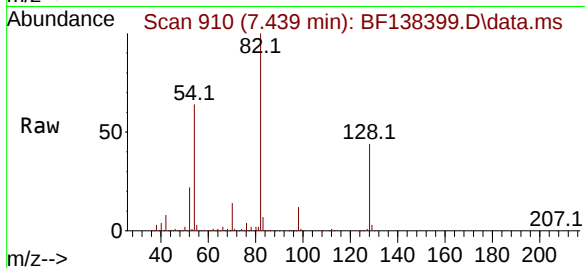




#25
Isophorone
Concen: 47.691 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

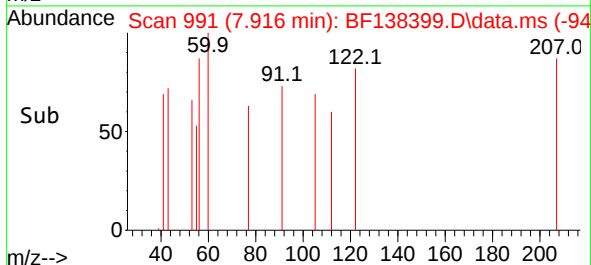
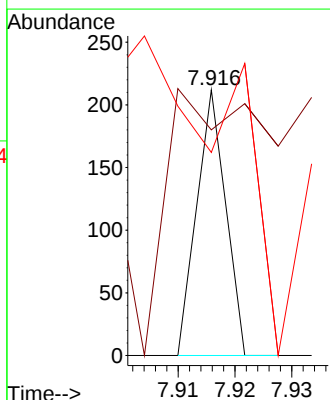
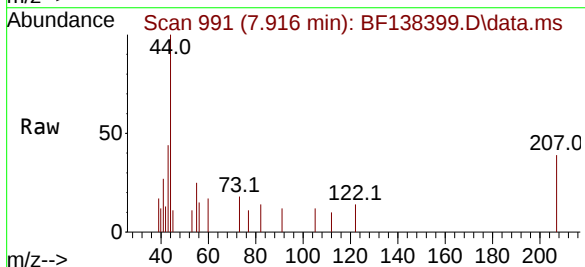
Instrument :
BNA_F
ClientSampleId :
FB-20240627

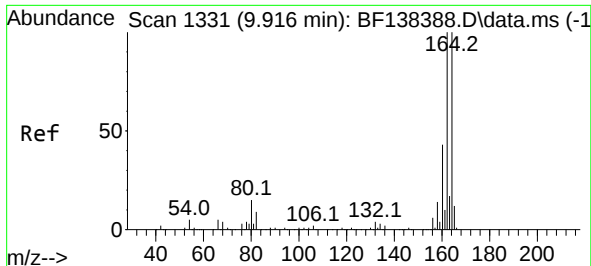
Tgt Ion: 82 Resp: 1241755
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.109 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.029 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 84.9 103.8 143.8#
77 76.4 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138399.D

Acq: 01 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

FB-20240627

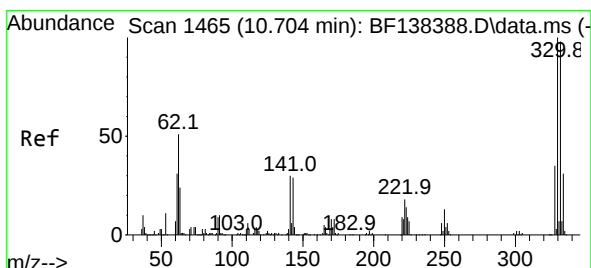
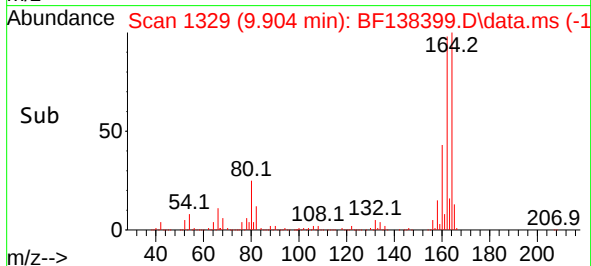
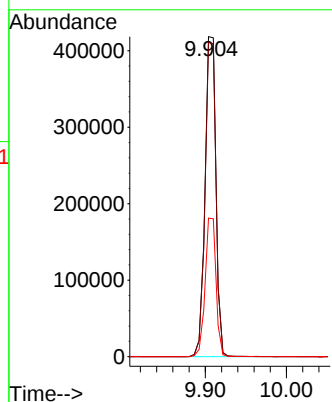
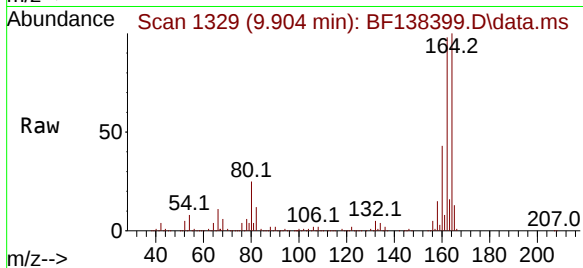
Tgt Ion:164 Resp: 390330

Ion Ratio Lower Upper

164 100

162 98.2 80.1 120.1

160 43.3 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 115.466 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138399.D

Acq: 01 Jul 2024 13:09

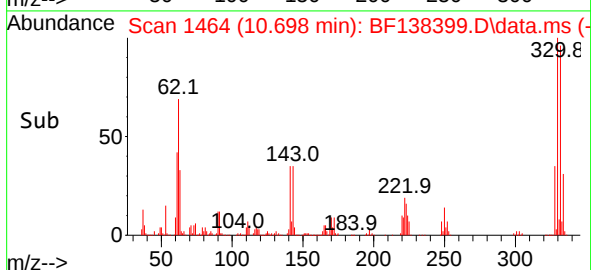
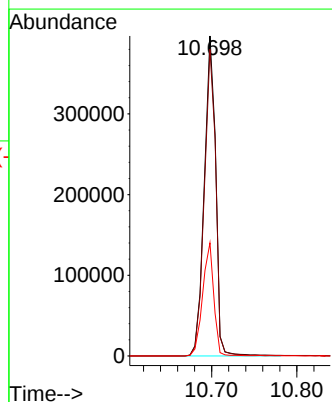
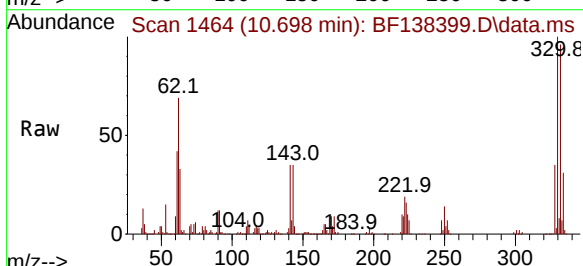
Tgt Ion:330 Resp: 368225

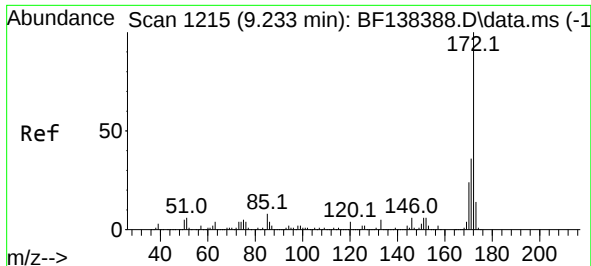
Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

141 34.6 28.1 42.1

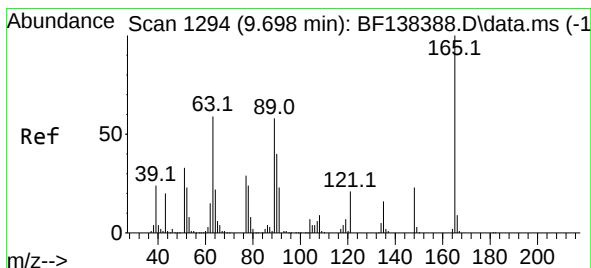
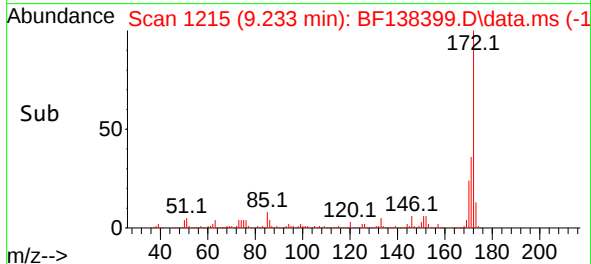
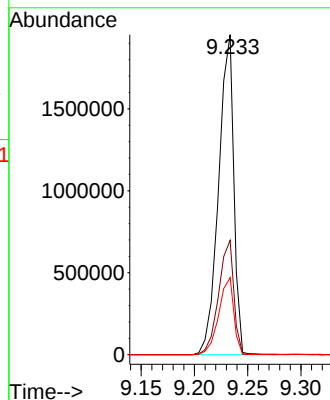
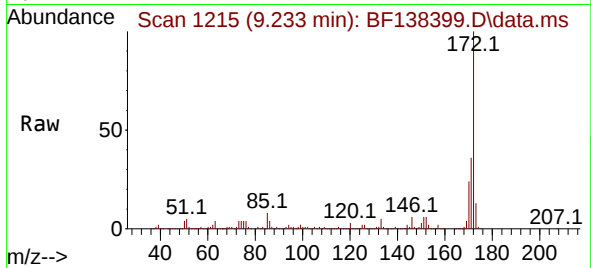




#45
2-Fluorobiphenyl
Concen: 78.804 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

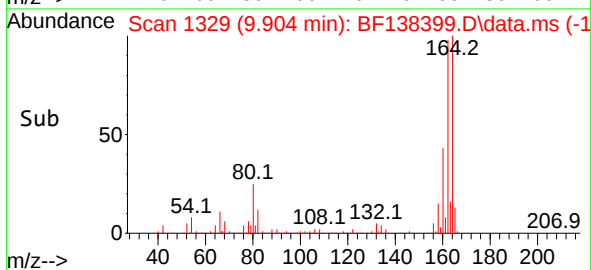
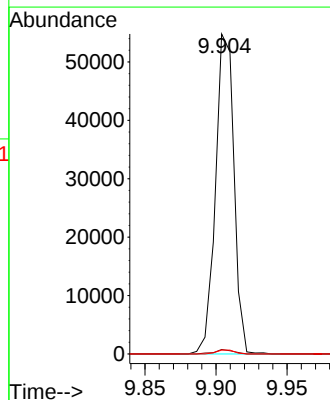
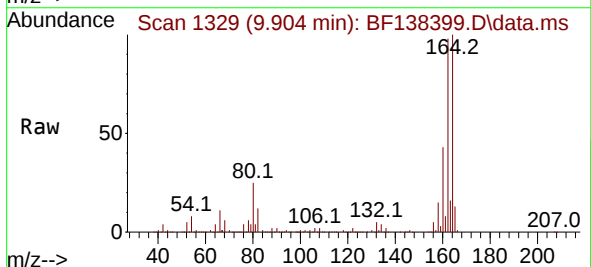
Instrument :
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FB-20240627

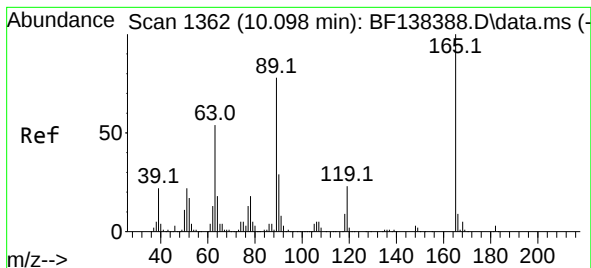
Tgt Ion:172 Resp: 1932782
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.823 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

Tgt Ion:165 Resp: 49570
Ion Ratio Lower Upper
165 100
63 1.4 53.8 80.8#
89 1.2 46.4 69.6#





#57

2,4-Dinitrotoluene

Concen: 7.166 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF138399.D

Acq: 01 Jul 2024 13:09

Instrument :

BNA_F

ClientSampleId :

FB-20240627

Tgt Ion:165 Resp: 49570

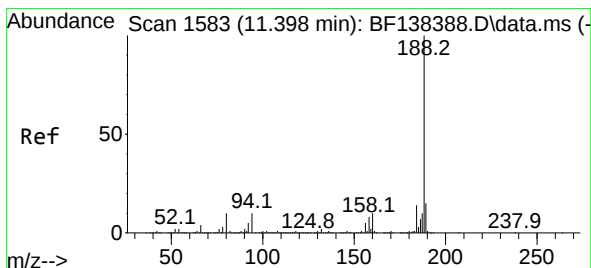
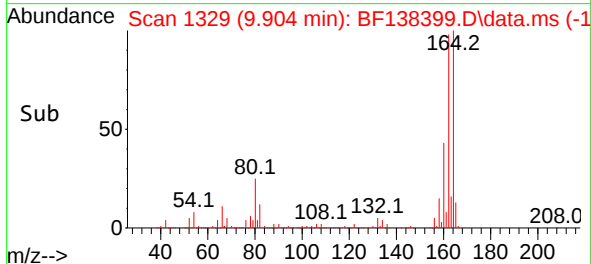
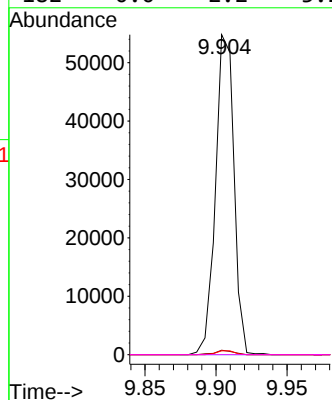
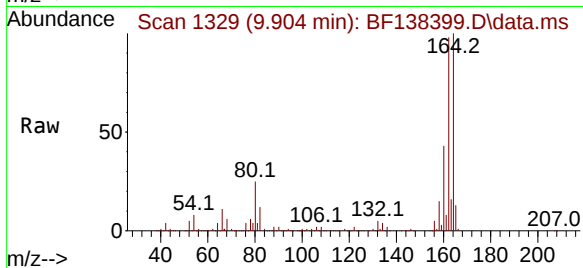
Ion Ratio Lower Upper

165 100

63 1.4 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: BF138399.D

Acq: 01 Jul 2024 13:09

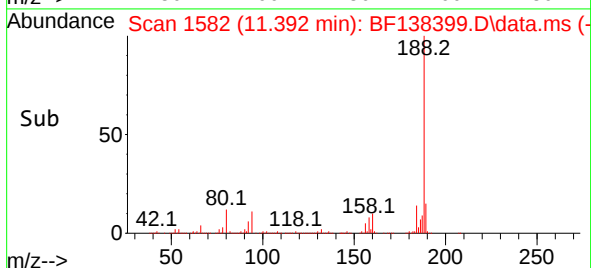
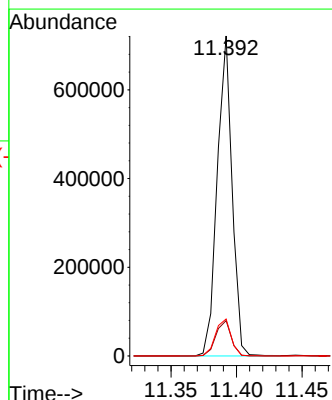
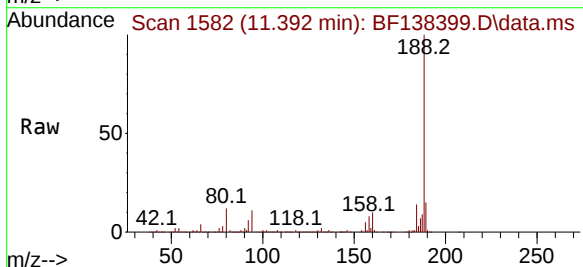
Tgt Ion:188 Resp: 566911

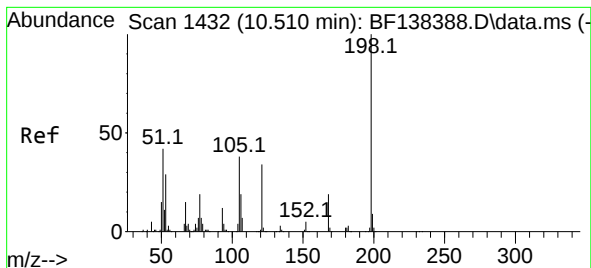
Ion Ratio Lower Upper

188 100

94 11.0 8.0 12.0

80 11.5 8.2 12.4

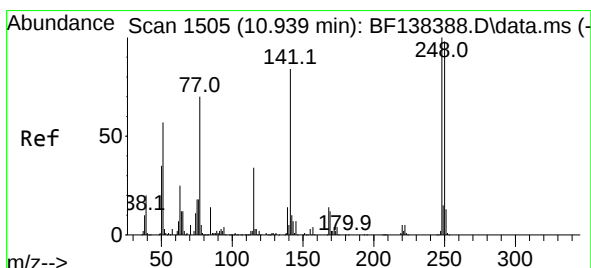
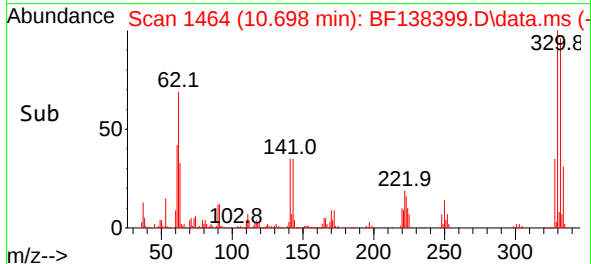
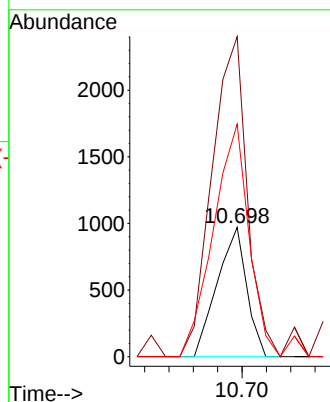
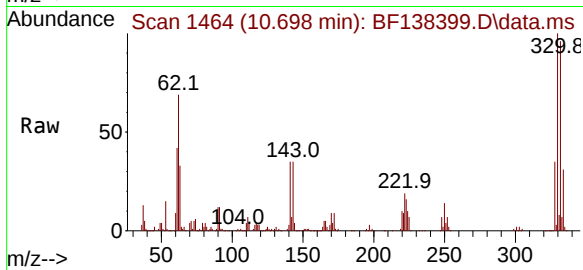




#65
4,6-Dinitro-2-methylphenol
Concen: 6.036 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

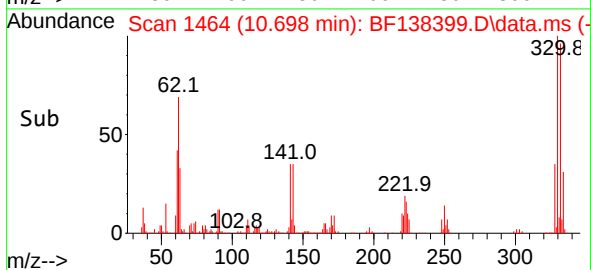
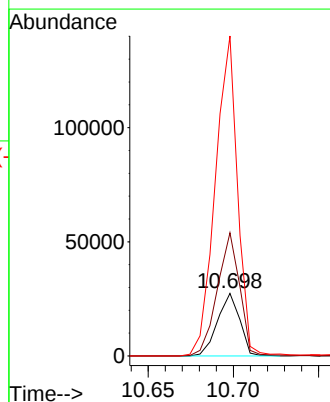
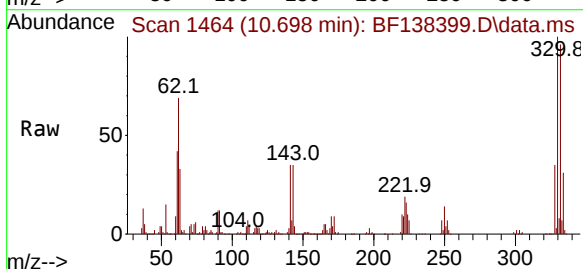
Instrument :
BNA_F
ClientSampleId :
FB-20240627

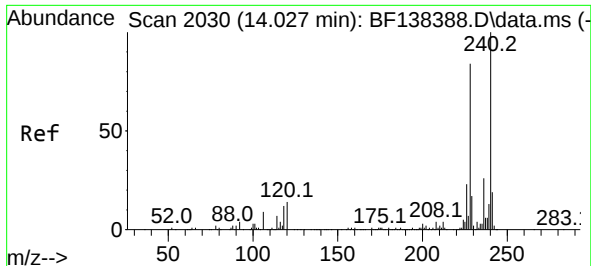
Tgt Ion:198 Resp: 815
Ion Ratio Lower Upper
198 100
51 247.6 27.9 67.9#
105 179.9 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 4.085 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

Tgt Ion:248 Resp: 24890
Ion Ratio Lower Upper
248 100
250 196.7 78.2 117.4#
141 511.1 67.6 101.4#

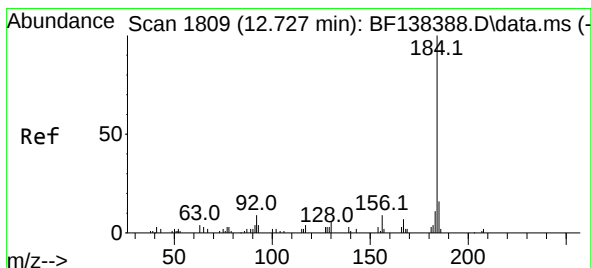
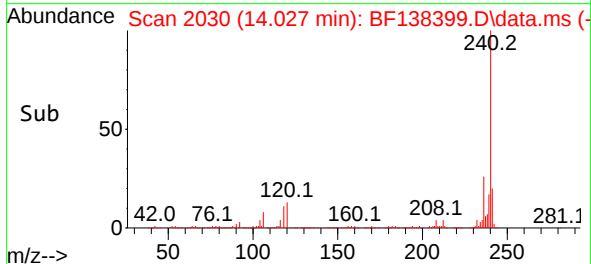
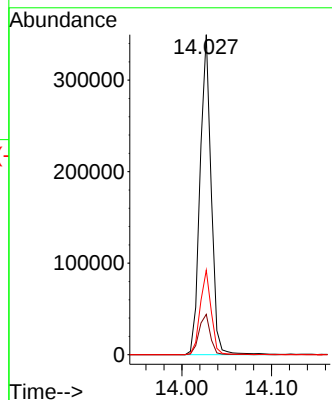
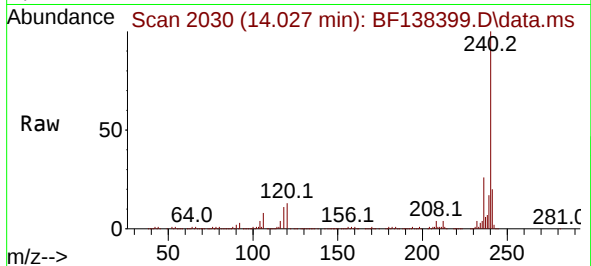




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

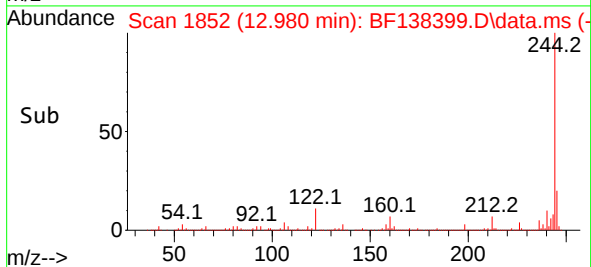
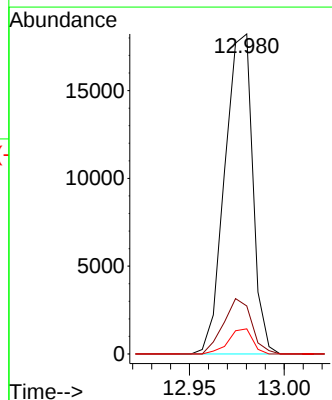
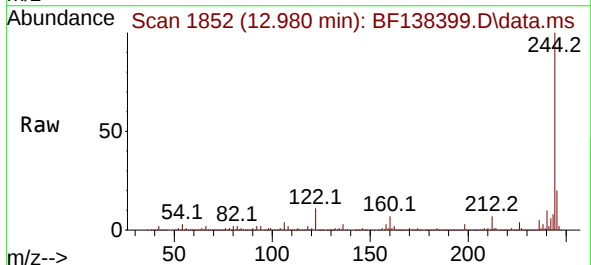
Instrument :
BNA_F
ClientSampleId :
FB-20240627

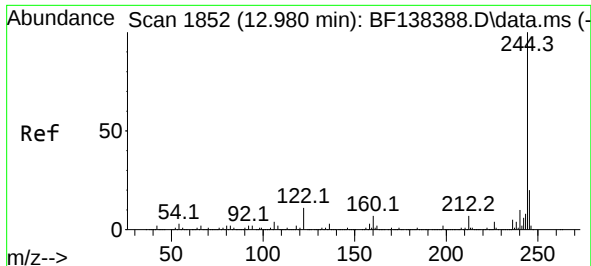
Tgt Ion:240 Resp: 300649
Ion Ratio Lower Upper
240 100
120 12.6 10.9 16.3
236 26.4 20.6 30.8



#77
Benzidine
Concen: 7.746 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF138399.D
Acq: 01 Jul 2024 13:09

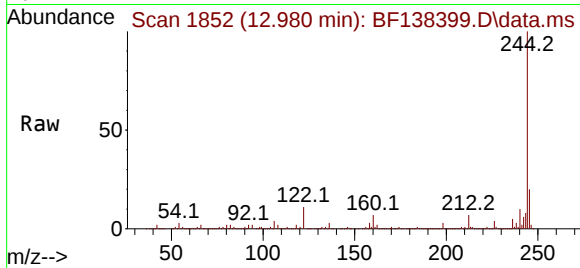
Tgt Ion:184 Resp: 18623
Ion Ratio Lower Upper
184 100
185 15.0 13.0 19.4
183 7.8 9.0 13.6#





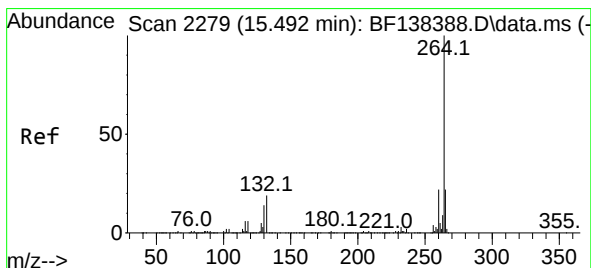
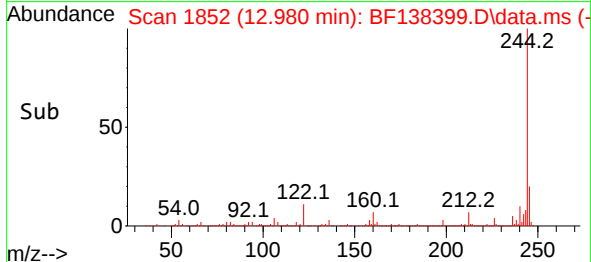
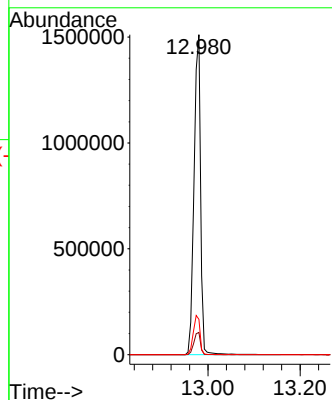
#79
 Terphenyl-d14
 Concen: 67.501 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138399.D
 Acq: 01 Jul 2024 13:09

Instrument :
 BNA_F
 ClientSampleId :
 FB-20240627



Tgt Ion:244 Resp: 1480865

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.1	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: BF138399.D
 Acq: 01 Jul 2024 13:09

Tgt Ion:264 Resp: 252653

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.6
265	21.1	17.5	26.3

