

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138105.D
 Acq On : 03 Jun 2024 14:27
 Operator : CG\JU
 Sample : P2662-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPR

Quant Time: Jun 03 15:41:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

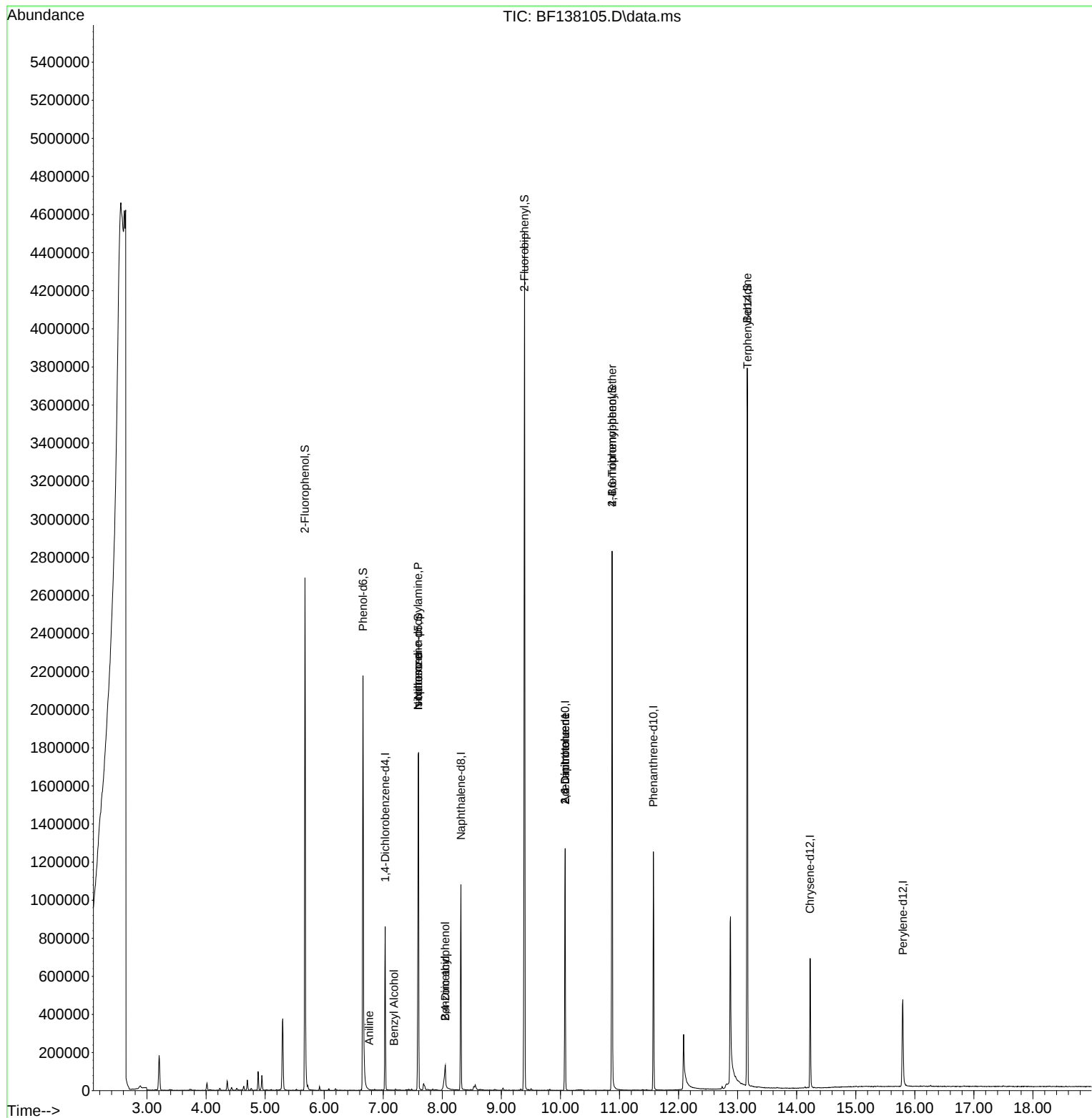
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	123079	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	468058	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	269071	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	465246	20.000	ng	0.00
76) Chrysene-d12	14.227	240	230405	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	249257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	792332	115.081	ng	0.01
7) Phenol-d6	6.657	99	890257	100.412	ng	0.00
23) Nitrobenzene-d5	7.592	82	656034	81.673	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	390144	124.306	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1452323	80.008	ng	0.00
79) Terphenyl-d14	13.168	244	1458054	91.537	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.763	93	181	3.966	ng	# 44
15) Benzyl Alcohol	7.181	79	277	5.161	ng	# 41
19) n-Nitroso-di-n-propyla...	7.592	70	85686	16.667	ng	# 76
25) Isophorone	7.592	82	656028	47.338	ng	# 62
27) 2,4-Dimethylphenol	8.051	122	62602	12.239	ng	# 5
32) Benzoic acid	8.051	122	62602	20.773	ng	94
51) 2,6-Dinitrotoluene	10.080	165	34988	8.548	ng	# 33
57) 2,4-Dinitrotoluene	10.080	165	34988	6.482	ng	# 32
67) 4-Bromophenyl-phenylether	10.874	248	24226	4.442	ng	# 1
77) Benzidine	13.163	184	17718	8.164	ng	# 91

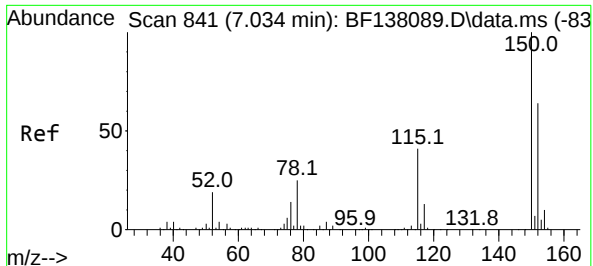
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 01 01:21:05 2024
Response via : Initial Calibration

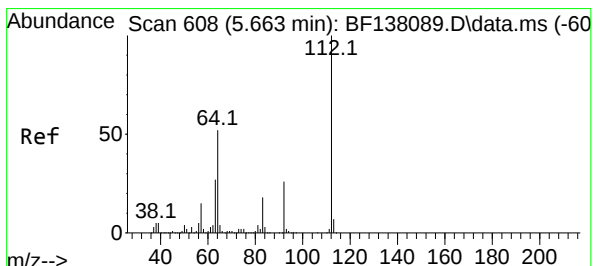
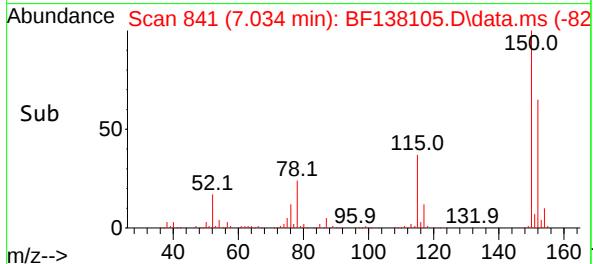
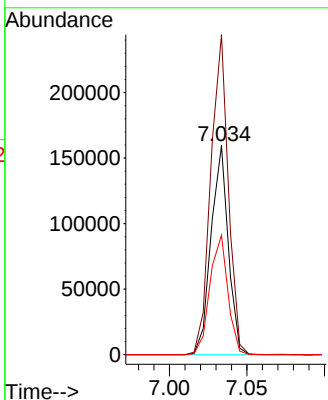
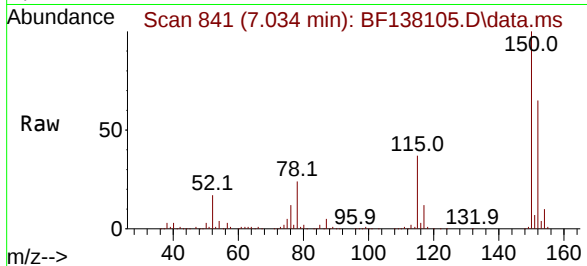




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

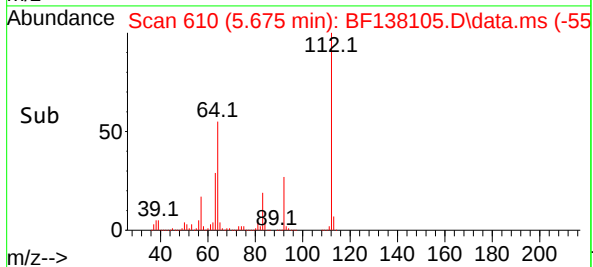
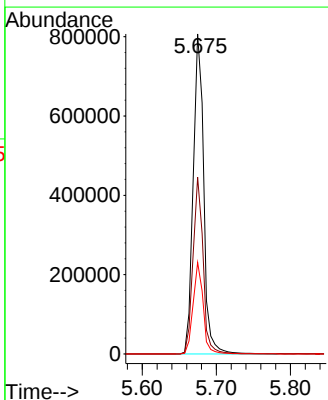
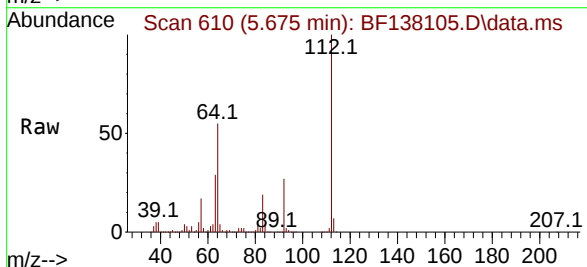
Instrument :
BNA_F
ClientSampleId :
WCS-TPR

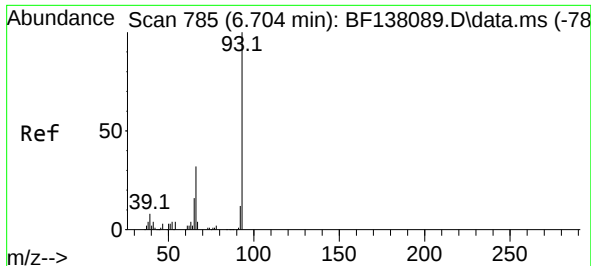
Tgt Ion:152 Resp: 123079
Ion Ratio Lower Upper
152 100
150 153.0 125.4 188.0
115 57.1 51.6 77.4



#5
2-Fluorophenol
Concen: 115.081 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion:112 Resp: 792332
Ion Ratio Lower Upper
112 100
64 55.3 41.4 62.2
63 28.6 21.5 32.3





#6

Aniline

Concen: 3.966 ng

RT: 6.763 min Scan# 795

Delta R.T. 0.059 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

Instrument :

BNA_F

ClientSampleId :

WCS-TPR

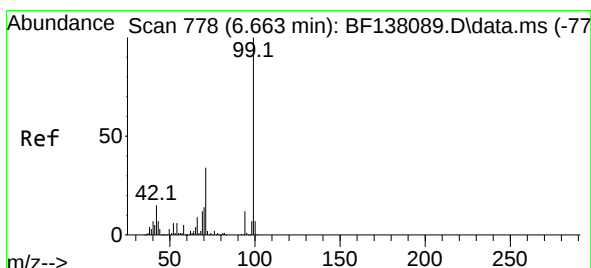
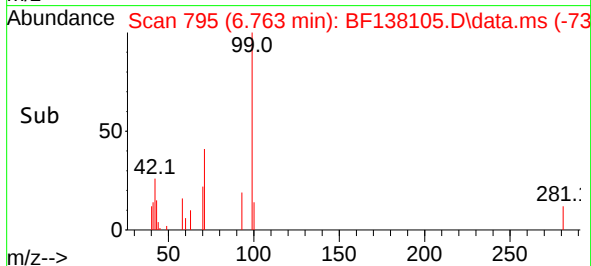
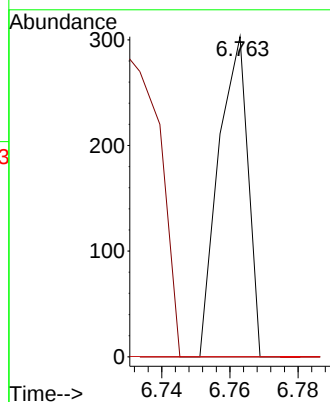
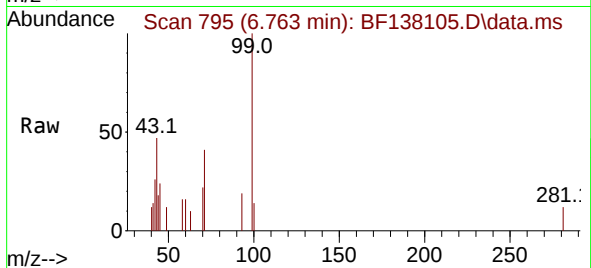
Tgt Ion: 93 Resp: 181

Ion Ratio Lower Upper

93 100

66 0.0 30.4 45.6#

65 0.0 16.2 24.4#



#7

Phenol-d6

Concen: 100.412 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

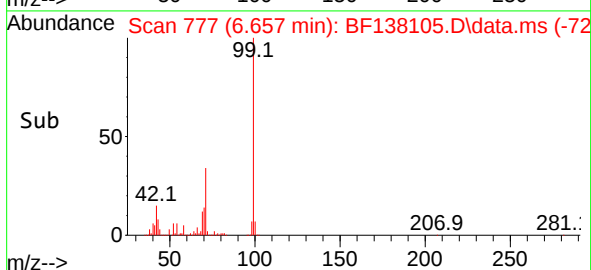
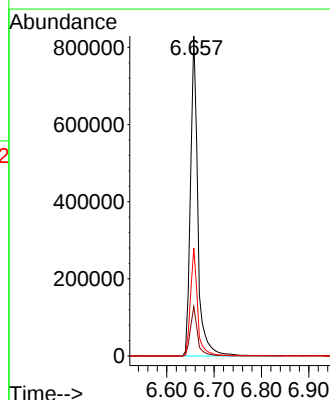
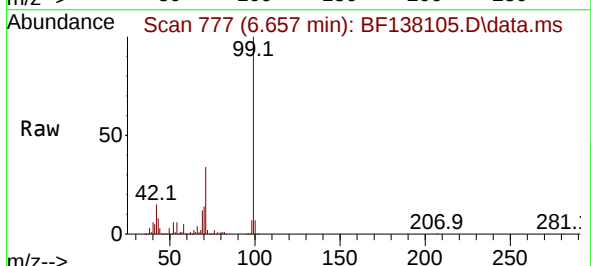
Tgt Ion: 99 Resp: 890257

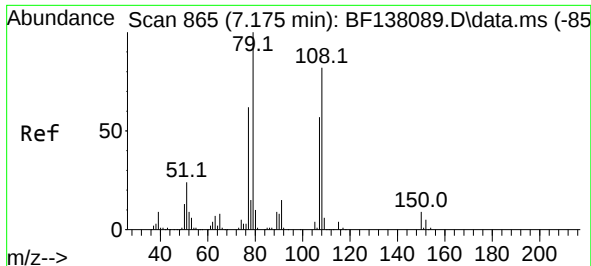
Ion Ratio Lower Upper

99 100

42 15.4 11.9 17.9

71 33.7 26.8 40.2

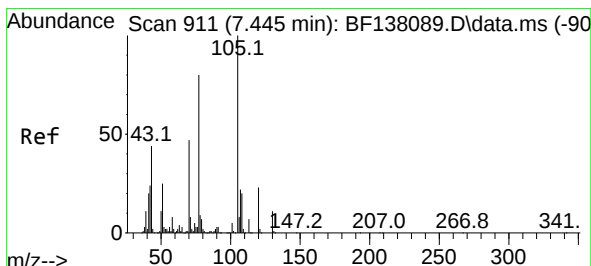
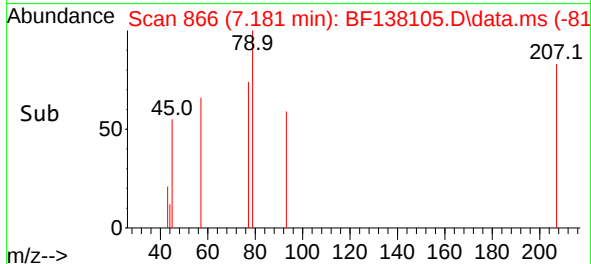
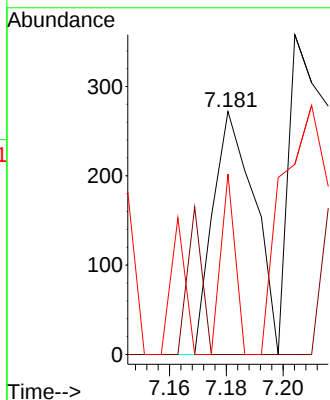
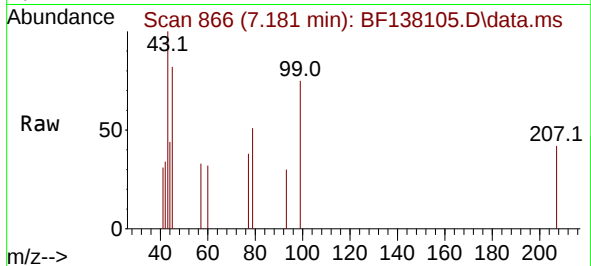




#15
Benzyl Alcohol
Concen: 5.161 ng
RT: 7.181 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

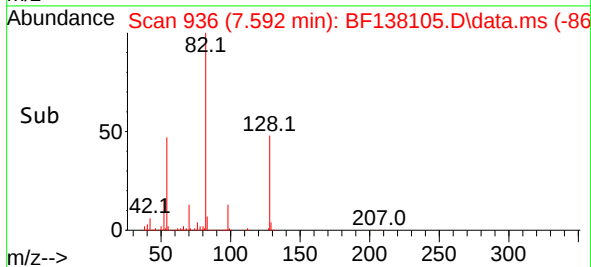
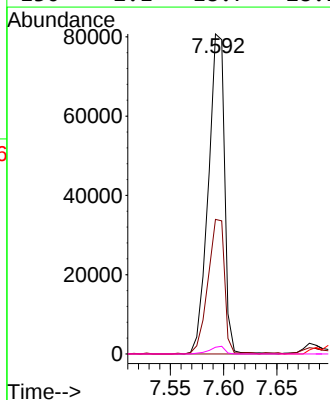
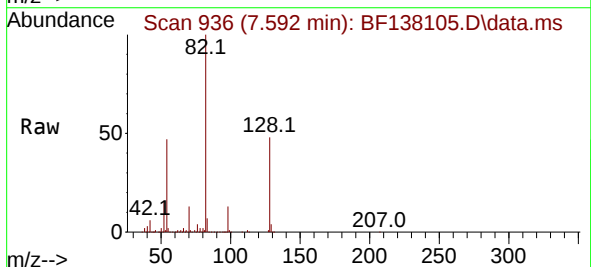
Instrument :
BNA_F
ClientSampleId :
WCS-TPR

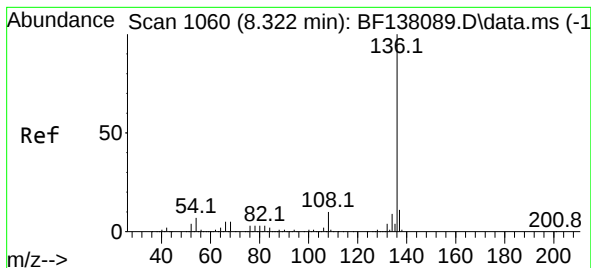
Tgt Ion: 79 Resp: 277
Ion Ratio Lower Upper
79 100
108 0.0 65.5 98.3#
77 74.3 49.6 74.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.667 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.147 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion: 70 Resp: 85686
Ion Ratio Lower Upper
70 100
42 42.1 41.4 62.0
101 0.0 8.1 12.1#
130 2.1 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.006 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

Instrument :

BNA_F

ClientSampleId :

WCS-TPR

Tgt Ion:136 Resp: 468058

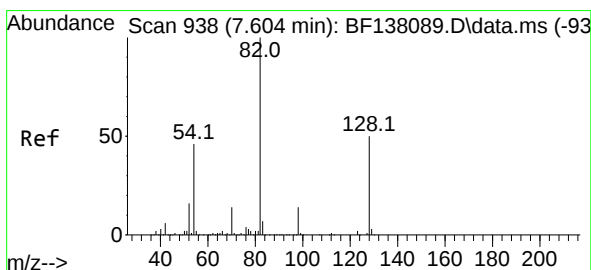
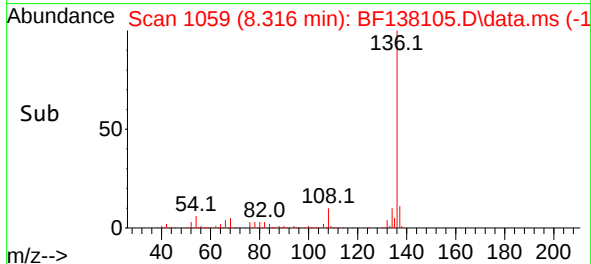
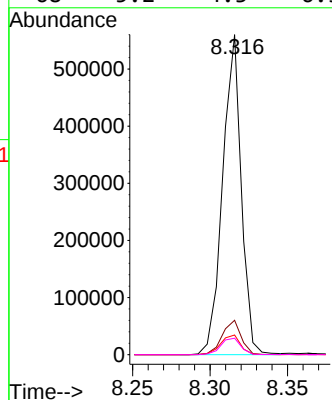
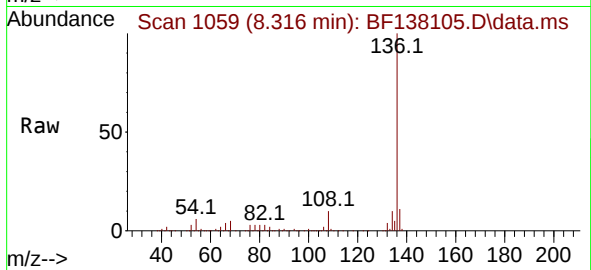
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.2 5.4 8.0

68 5.2 4.3 6.5



#23

Nitrobenzene-d5

Concen: 81.673 ng

RT: 7.592 min Scan# 936

Delta R.T. -0.012 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

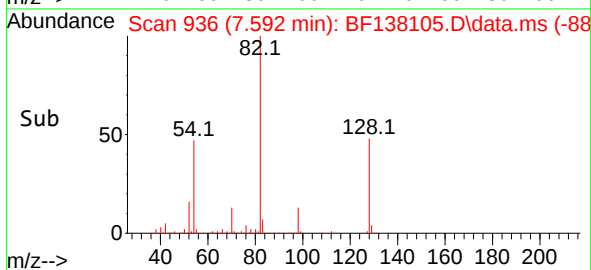
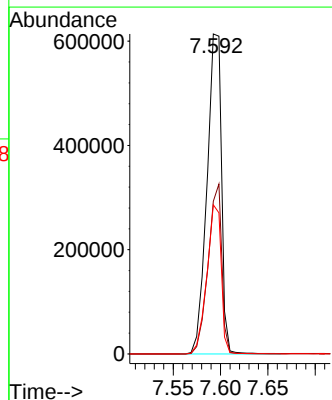
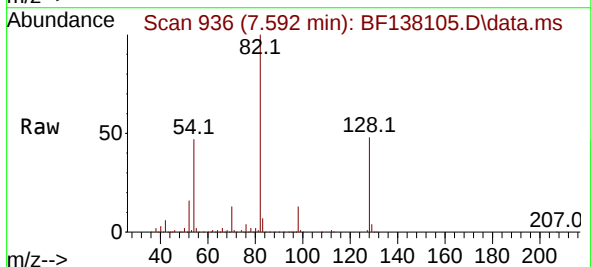
Tgt Ion: 82 Resp: 656034

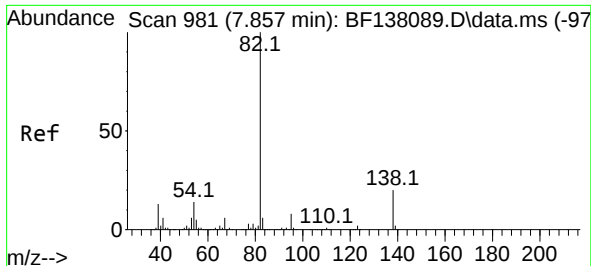
Ion Ratio Lower Upper

82 100

128 47.7 39.9 59.9

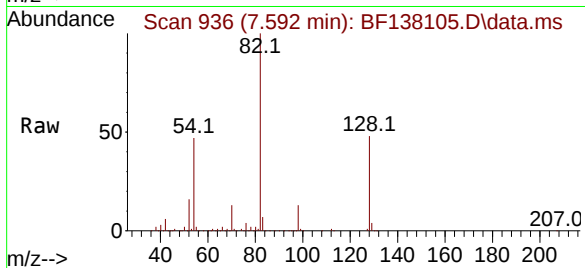
54 46.6 37.0 55.4



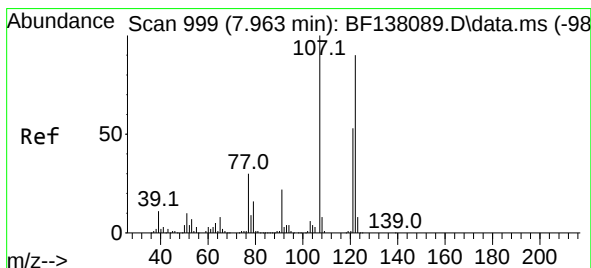
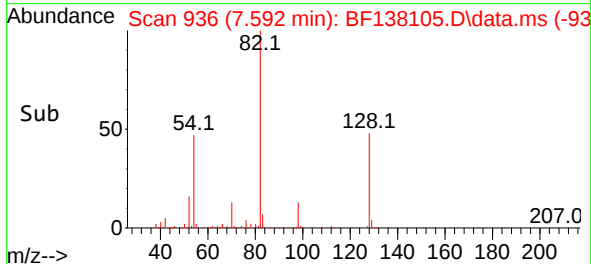
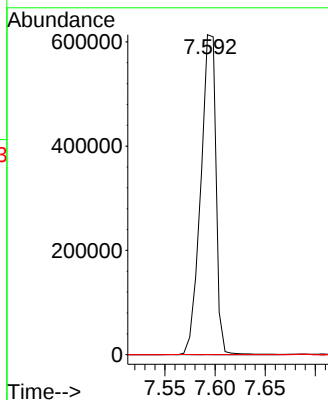


#25
Isophorone
Concen: 47.338 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Instrument :
BNA_F
ClientSampleId :
WCS-TPR

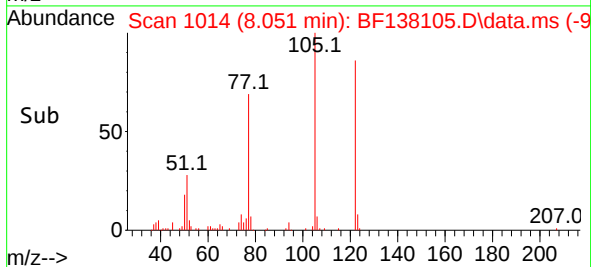
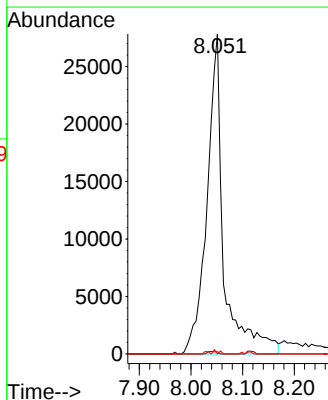
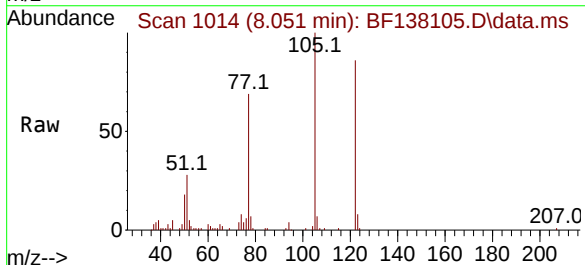


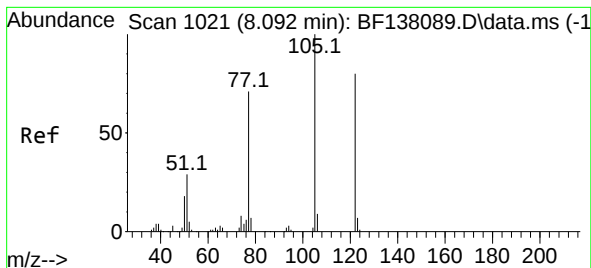
Tgt Ion: 82 Resp: 656028
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 16.2 24.2#



#27
2,4-Dimethylphenol
Concen: 12.239 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.088 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion:122 Resp: 62602
Ion Ratio Lower Upper
122 100
107 0.7 88.8 133.2#
121 0.0 46.6 69.8#





#32

Benzoic acid

Concen: 20.773 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.041 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

Instrument :

BNA_F

ClientSampleId :

WCS-TPR

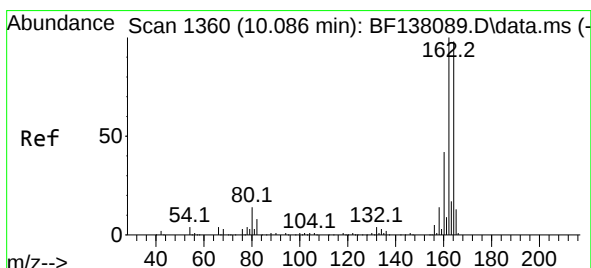
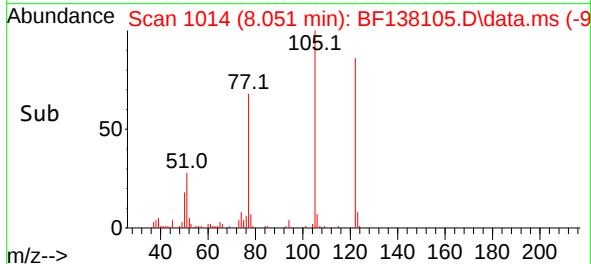
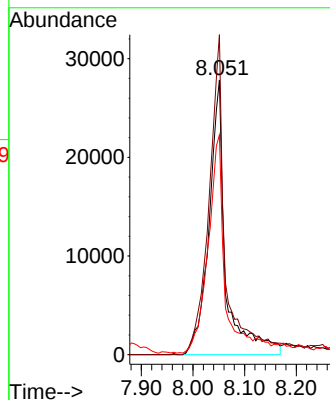
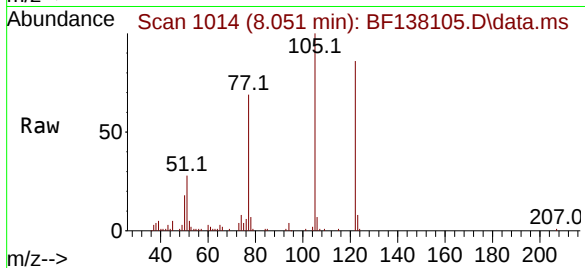
Tgt Ion:122 Resp: 62602

Ion Ratio Lower Upper

122 100

105 116.5 102.3 142.3

77 79.9 67.6 107.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

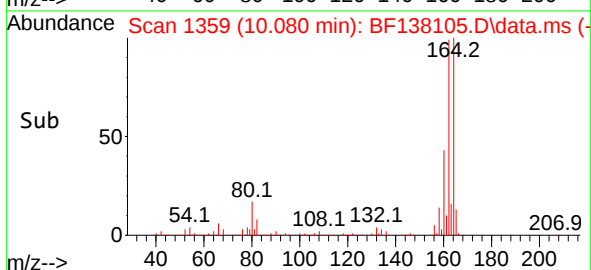
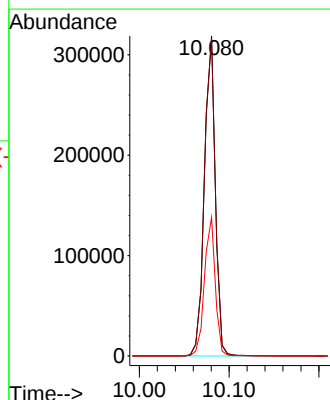
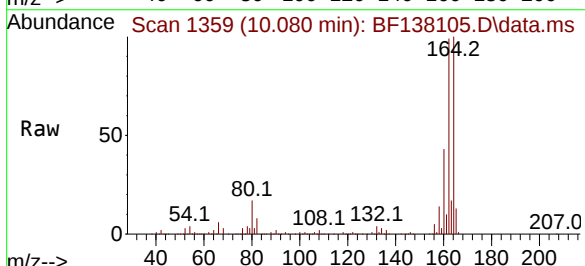
Tgt Ion:164 Resp: 269071

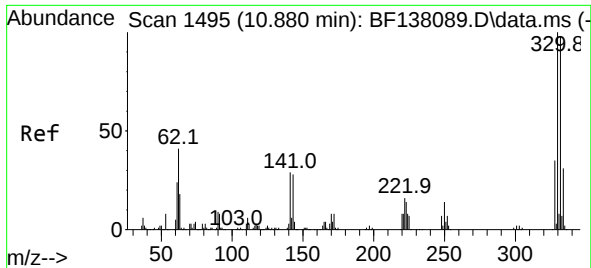
Ion Ratio Lower Upper

164 100

162 99.3 81.7 122.5

160 43.4 34.5 51.7

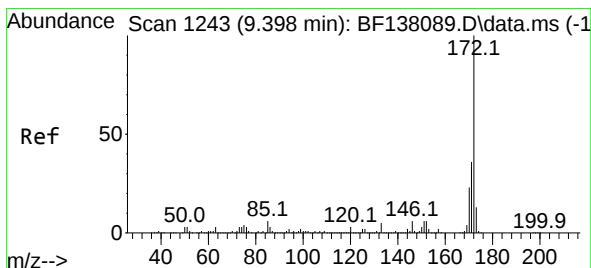
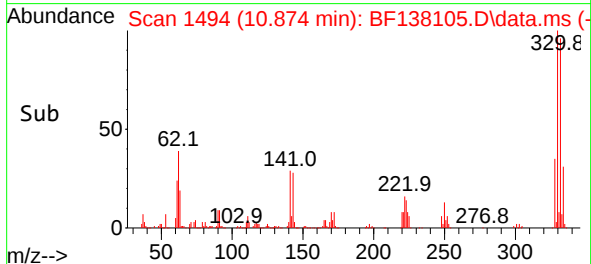
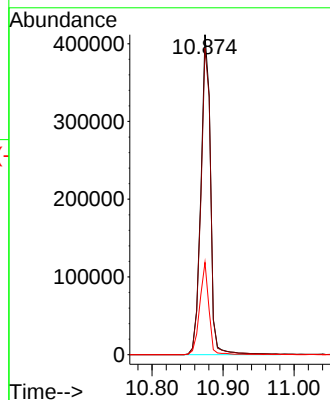
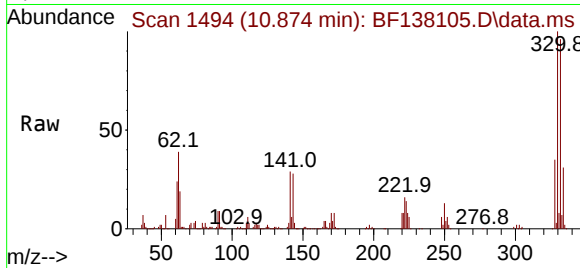




#42
2,4,6-Tribromophenol
Concen: 124.306 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

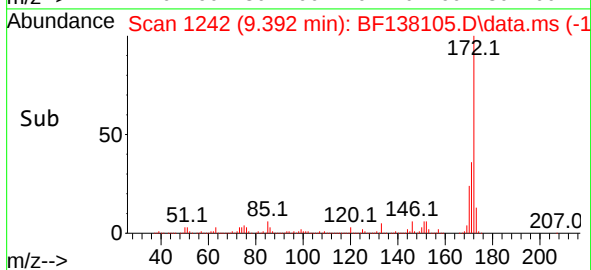
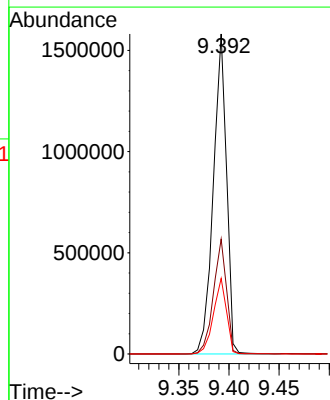
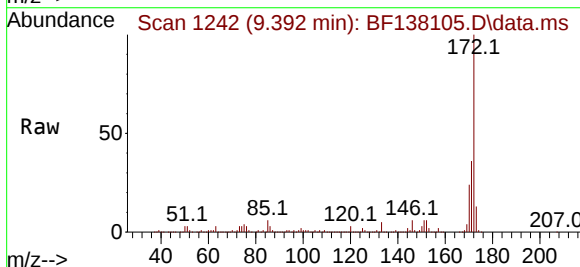
Instrument :
BNA_F
ClientSampleId :
WCS-TPR

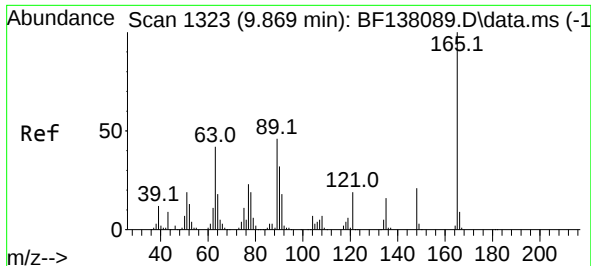
Tgt Ion:330 Resp: 390144
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 27.4 21.4 32.0



#45
2-Fluorobiphenyl
Concen: 80.008 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion:172 Resp: 1452323
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.6 18.6 28.0

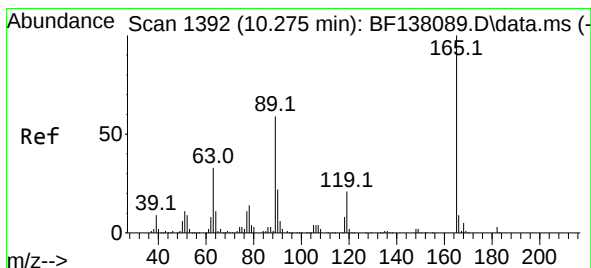
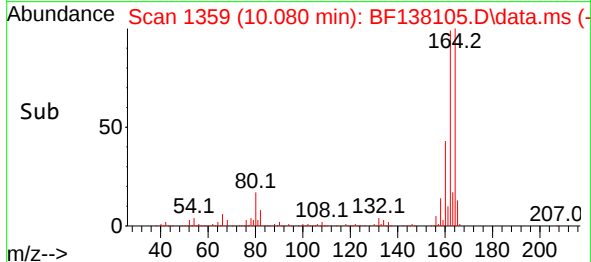
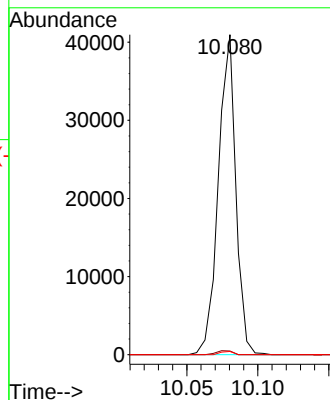
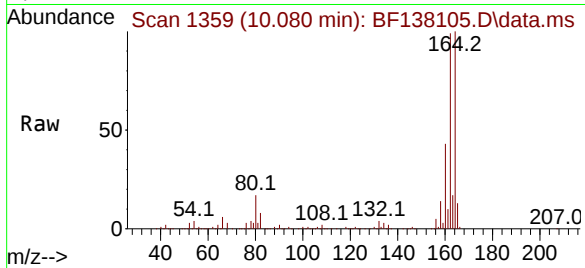




#51
2,6-Dinitrotoluene
Concen: 8.548 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.211 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

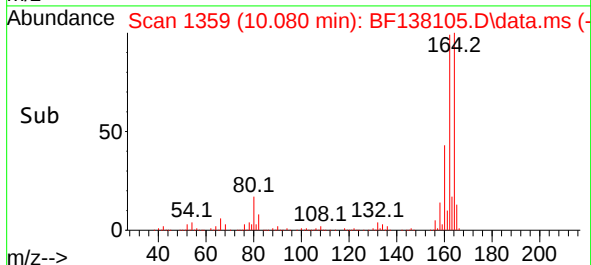
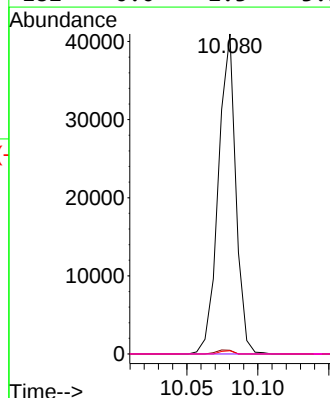
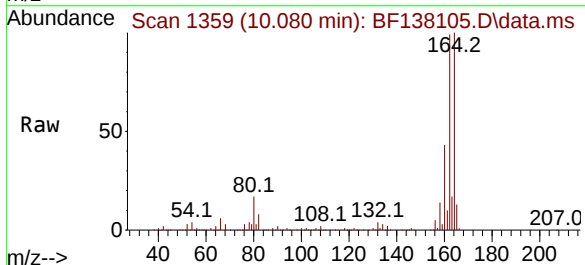
Instrument :
BNA_F
ClientSampleId :
WCS-TPR

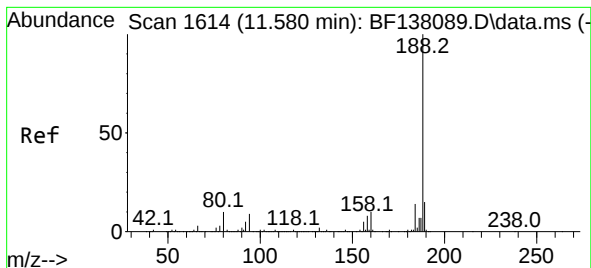
Tgt Ion:165 Resp: 34988
Ion Ratio Lower Upper
165 100
63 1.1 34.6 51.8#
89 1.0 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.482 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion:165 Resp: 34988
Ion Ratio Lower Upper
165 100
63 1.1 27.4 41.0#
89 1.0 47.4 71.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

Instrument :

BNA_F

ClientSampleId :

WCS-TPR

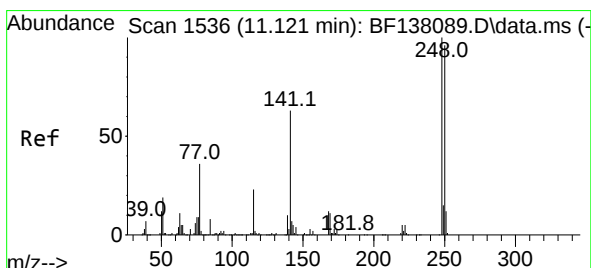
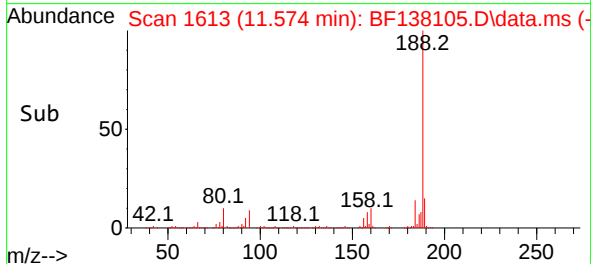
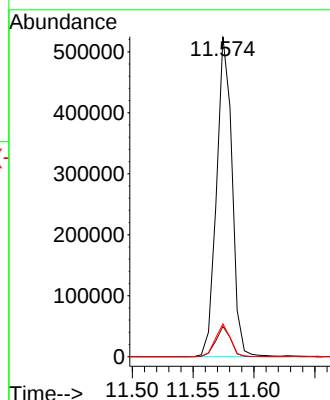
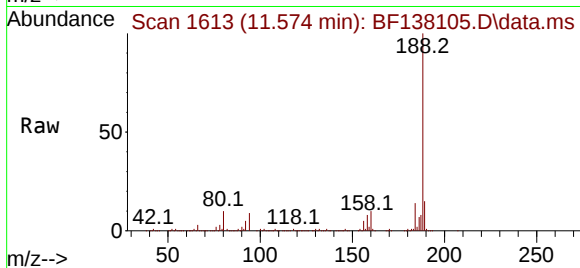
Tgt Ion:188 Resp: 465246

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 10.2 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 4.442 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.247 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

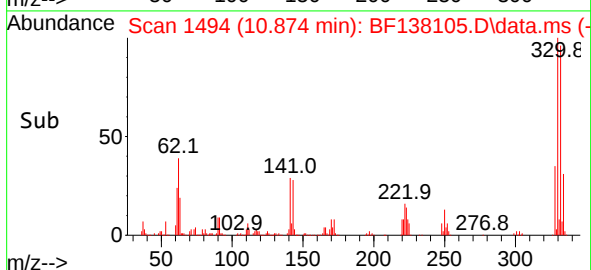
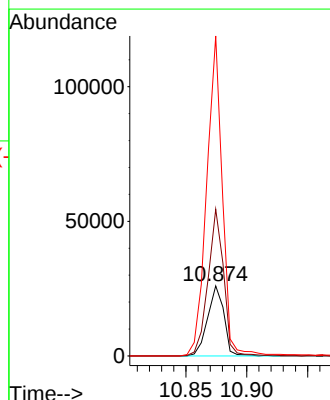
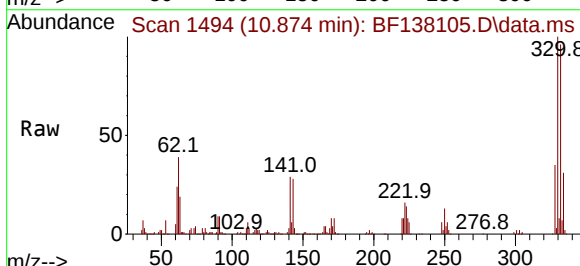
Tgt Ion:248 Resp: 24226

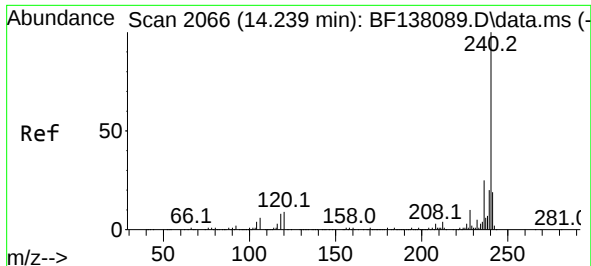
Ion Ratio Lower Upper

248 100

250 209.2 77.2 115.8#

141 456.3 50.6 76.0#

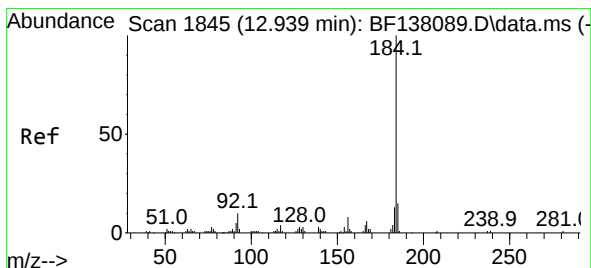
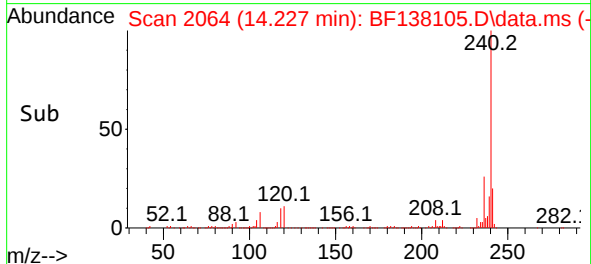
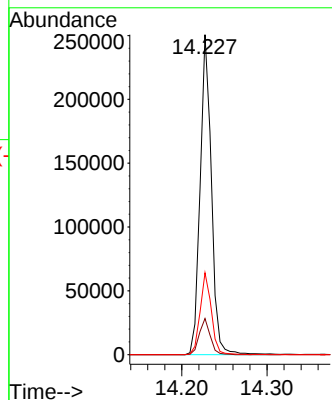
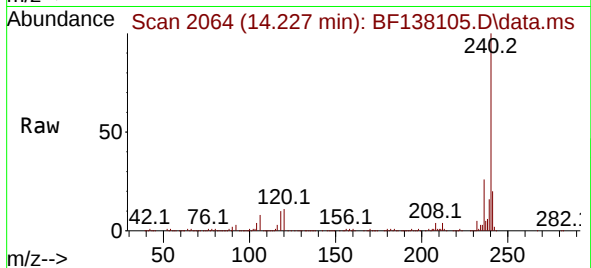




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

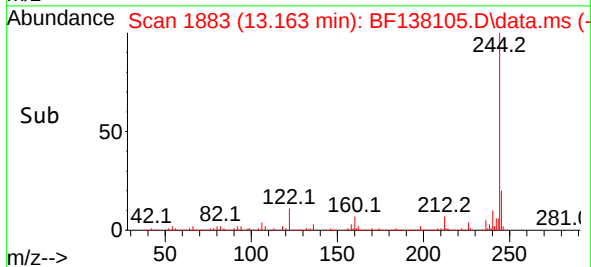
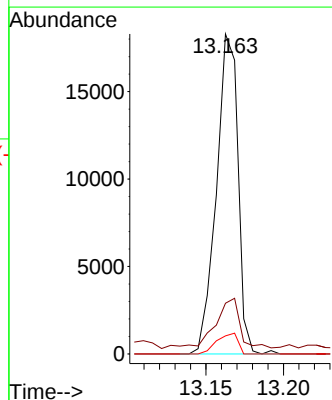
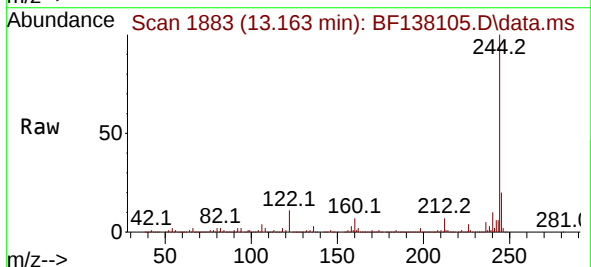
Instrument :
BNA_F
ClientSampleId :
WCS-TPR

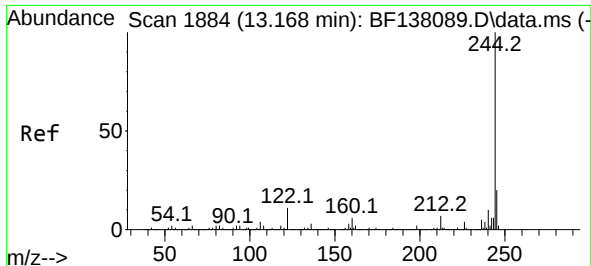
Tgt Ion:240 Resp: 230405
Ion Ratio Lower Upper
240 100
120 11.3 7.1 10.7#
236 25.6 20.4 30.6



#77
Benzidine
Concen: 8.164 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.224 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion:184 Resp: 17718
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 5.7 10.2 15.4#

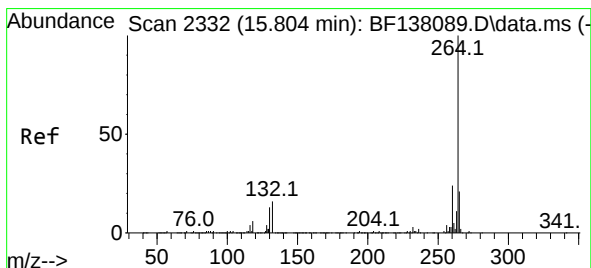
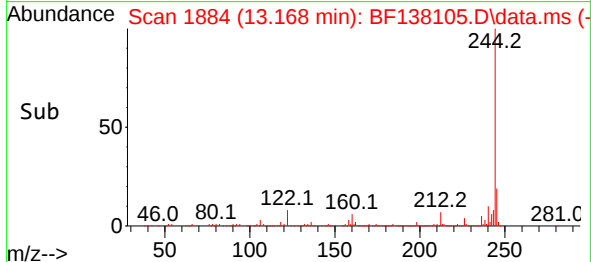
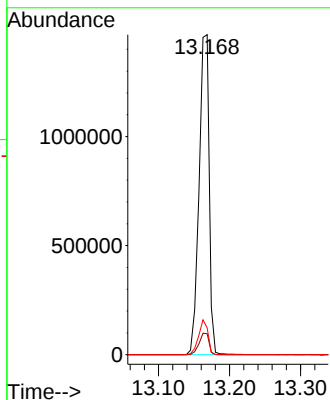
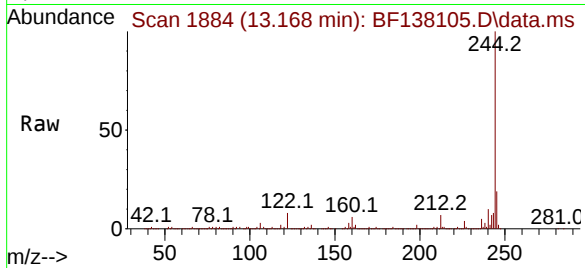




#79
 Terphenyl-d14
 Concen: 91.537 ng
 RT: 13.168 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138105.D
 Acq: 03 Jun 2024 14:27

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPR

Tgt Ion:244 Resp: 1458054
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 8.3 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.798 min Scan# 2331
 Delta R.T. -0.006 min
 Lab File: BF138105.D
 Acq: 03 Jun 2024 14:27

Tgt Ion:264 Resp: 249257
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.9 28.3
 265 21.3 16.7 25.1

