

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138231.D
 Acq On : 18 Jun 2024 18:29
 Operator : CG\JU
 Sample : P2916-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPF

Quant Time: Jun 18 18:51:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

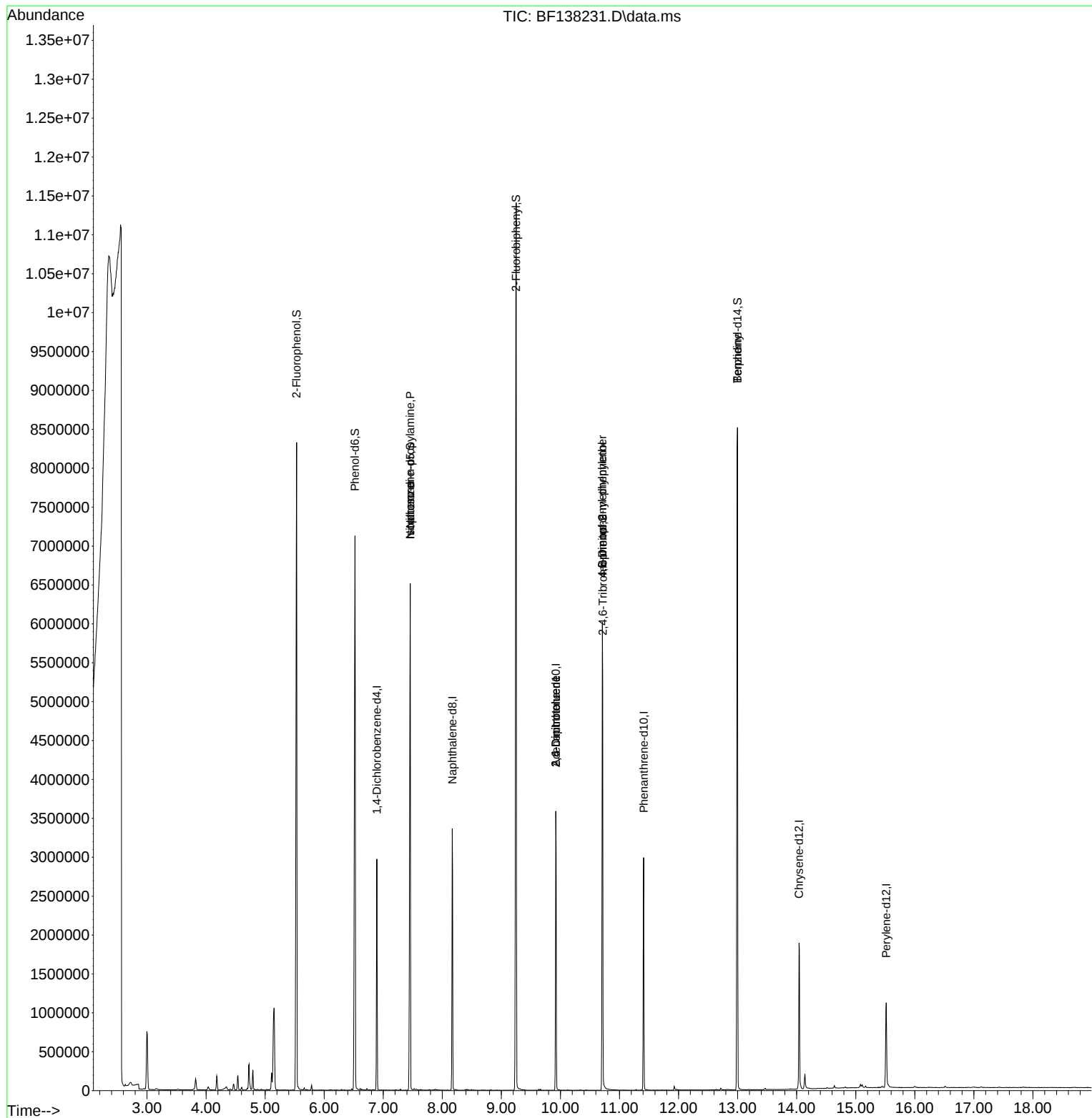
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	381307	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1470305	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	744454	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1032183	20.000	ng	0.00
76) Chrysene-d12	14.039	240	652578	20.000	ng	-0.01
86) Perylene-d12	15.515	264	541425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2685800	117.828	ng	0.02
7) Phenol-d6	6.522	99	3054217	105.668	ng	0.00
23) Nitrobenzene-d5	7.457	82	2221178	87.947	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	816626	110.188	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3867797	82.616	ng	0.00
79) Terphenyl-d14	12.998	244	3204494	77.774	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	300752	17.554	ng	# 77
25) Isophorone	7.457	82	2219185	48.578	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	97557	9.859	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	97557	7.993	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1815	7.229	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	54128	4.654	ng	# 1
77) Benzidine	12.998	184	41160	5.453	ng	# 93

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPF

Quant Time: Jun 18 18:51:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

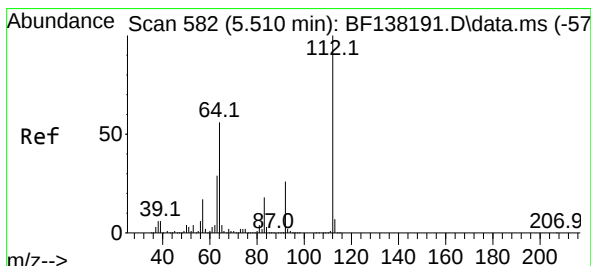
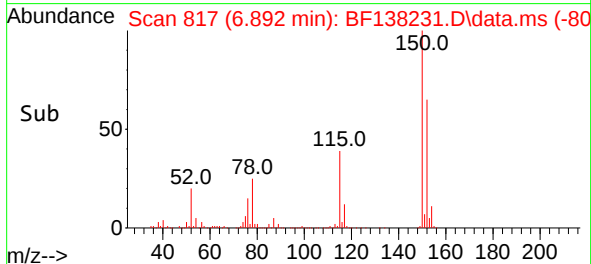
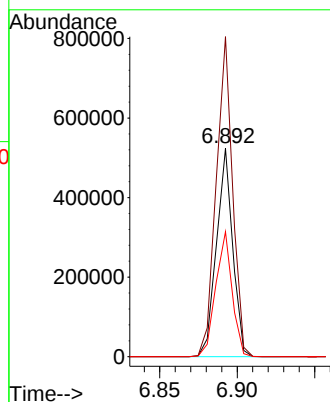
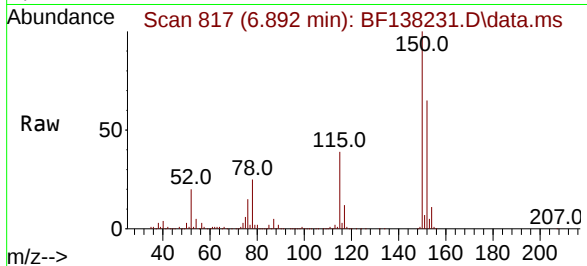




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138231.D
 Acq: 18 Jun 2024 18:29

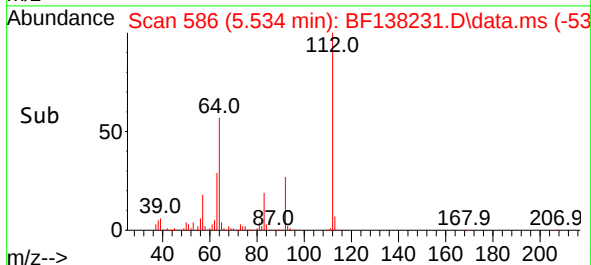
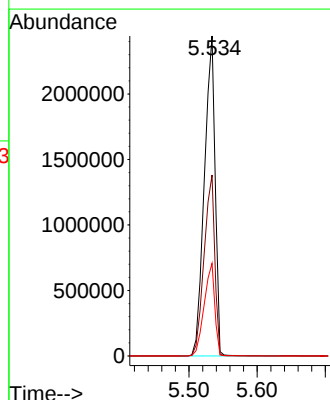
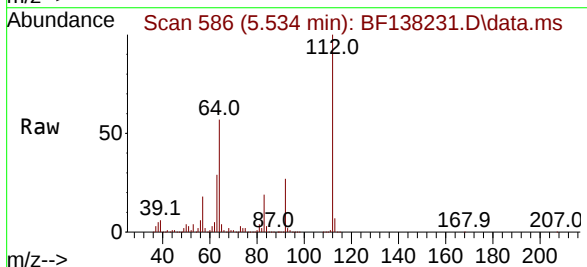
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPF

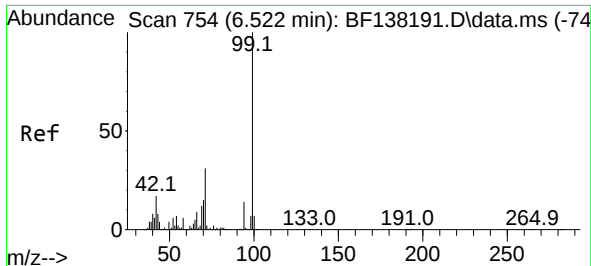
Tgt Ion:152 Resp: 381307
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.0 187.4
 115 60.0 48.4 72.6



#5
 2-Fluorophenol
 Concen: 117.828 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.023 min
 Lab File: BF138231.D
 Acq: 18 Jun 2024 18:29

Tgt Ion:112 Resp: 2685800
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.2 67.8
 63 29.0 22.9 34.3





#7

Phenol-d6

Concen: 105.668 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

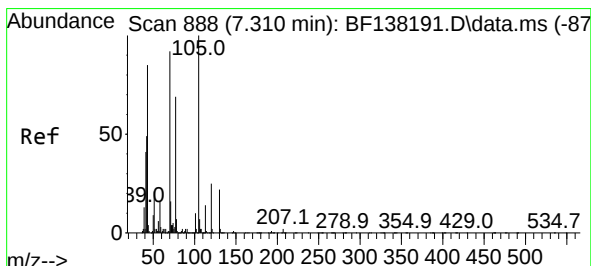
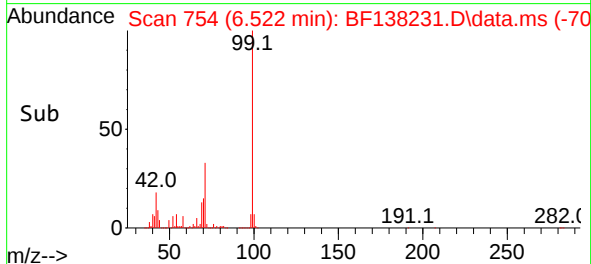
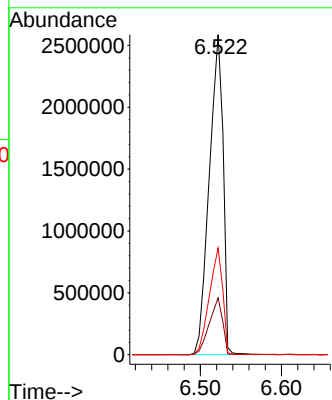
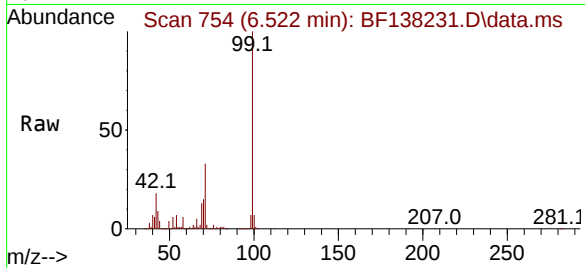
Tgt Ion: 99 Resp: 3054217

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

71 33.4 25.0 37.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.554 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.147 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

Tgt Ion: 70 Resp: 300752

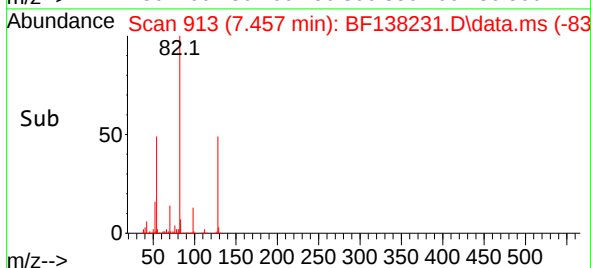
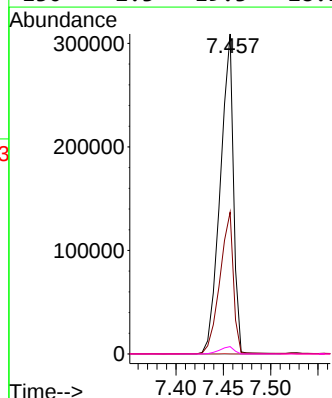
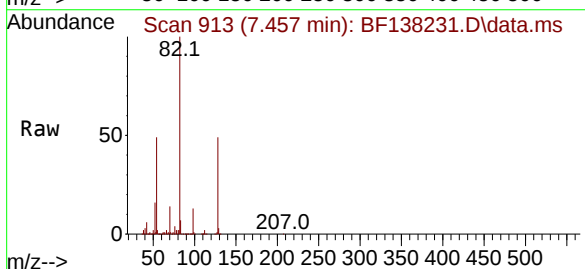
Ion Ratio Lower Upper

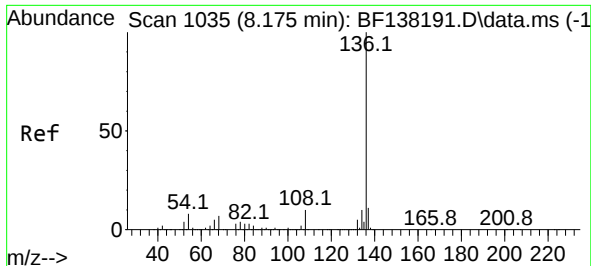
70 100

42 44.3 42.8 64.2

101 0.0 8.4 12.6#

130 2.3 19.3 28.9#



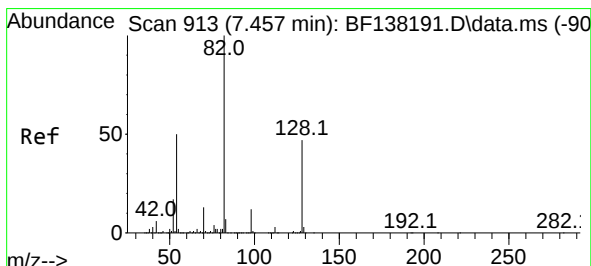
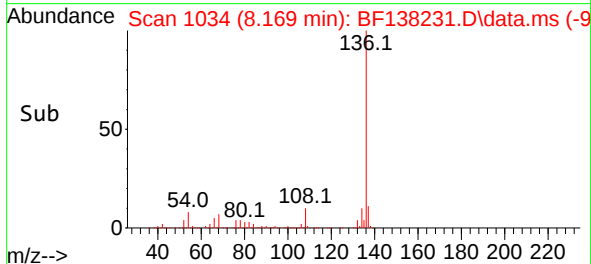
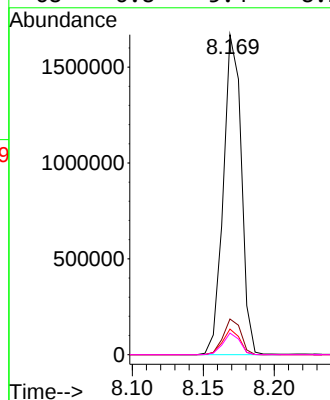
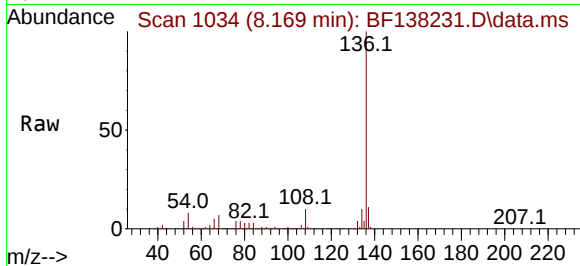


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Instrument :
BNA_F
ClientSampleId :
WCS-TPF

Tgt Ion:136 Resp: 1470305

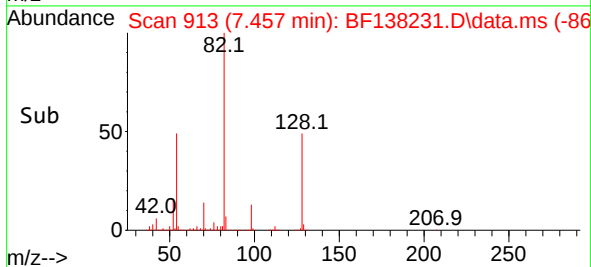
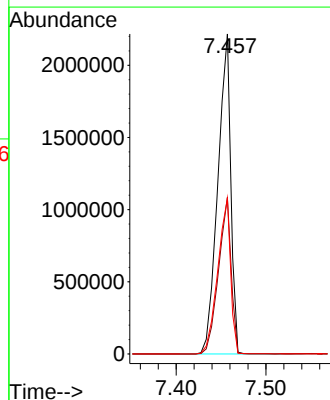
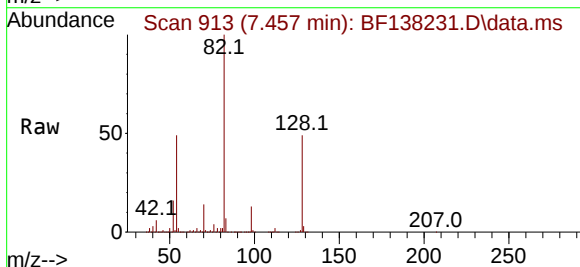
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.0	6.6	10.0
68	6.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 87.947 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion: 82 Resp: 2221178

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.2	55.8
54	48.7	39.8	59.6

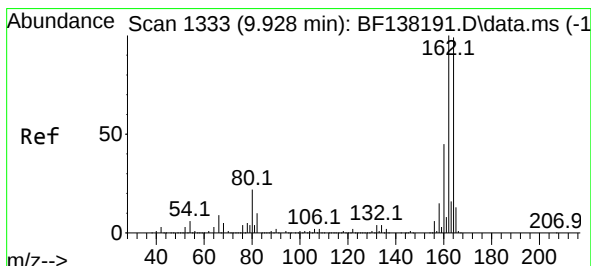
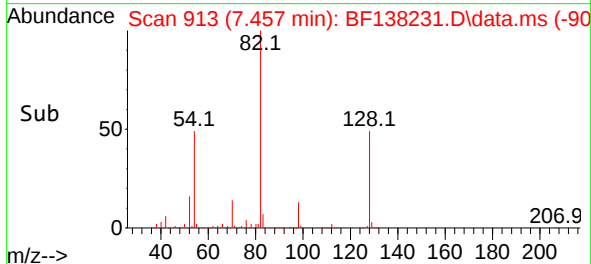
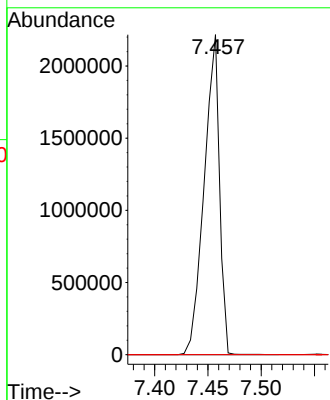
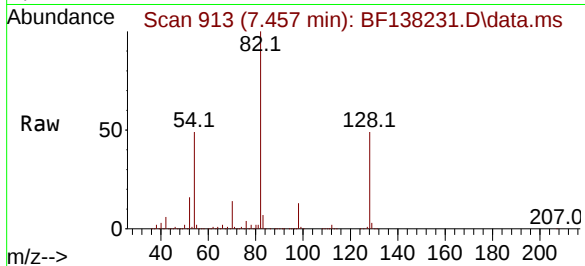




#25
Isophorone
Concen: 48.578 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

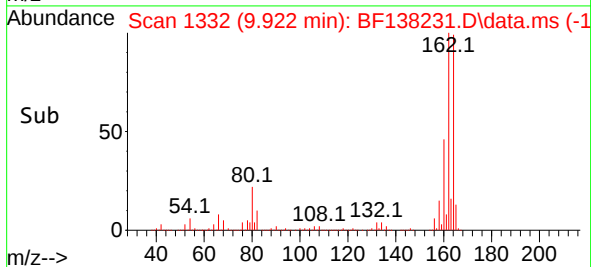
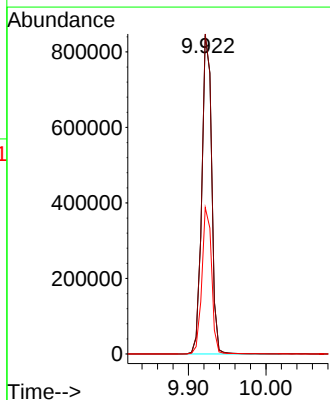
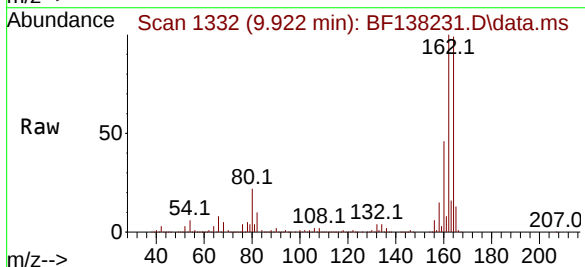
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

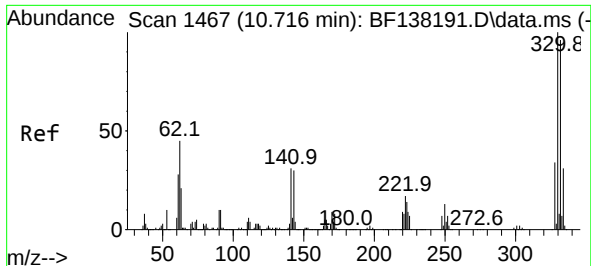
Tgt Ion: 82 Resp: 2219185
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion:164 Resp: 744454
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 46.0 36.3 54.5

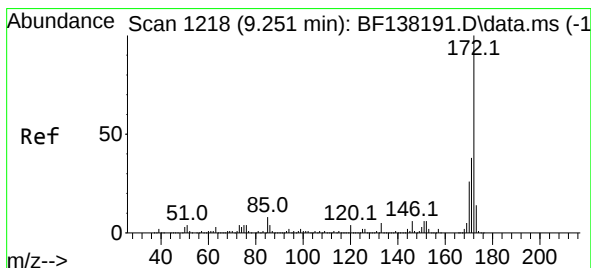
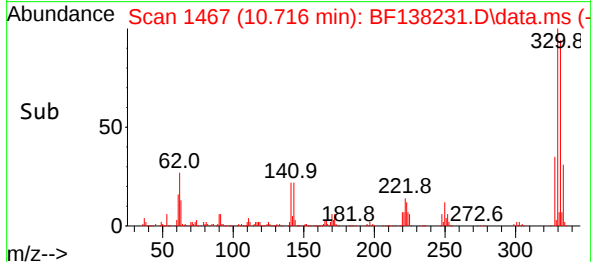
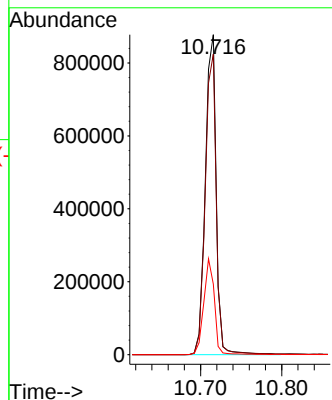
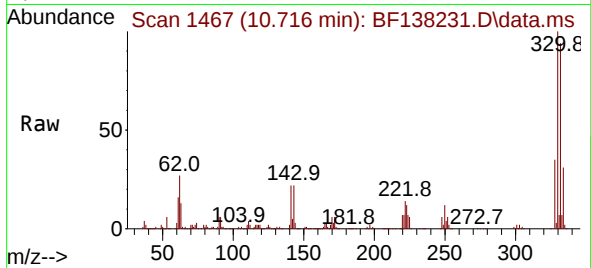




#42
2,4,6-Tribromophenol
Concen: 110.188 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

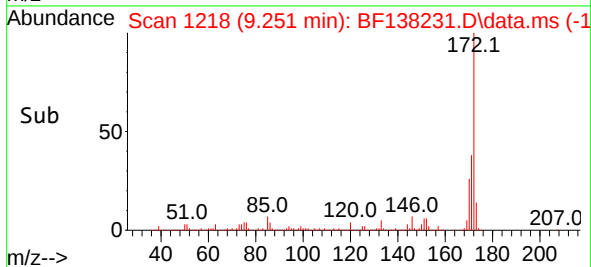
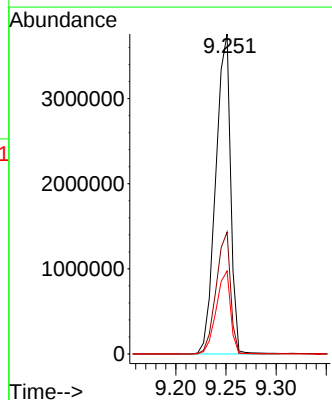
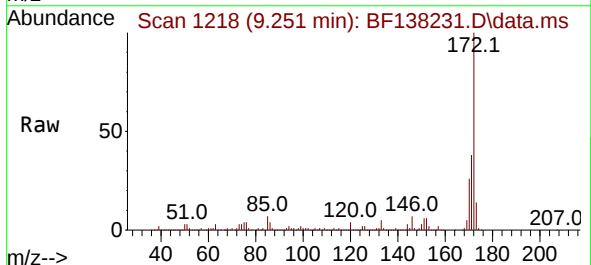
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

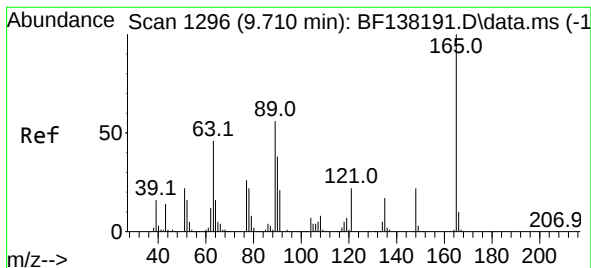
Tgt Ion:330 Resp: 816626
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 29.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 82.616 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion:172 Resp: 3867797
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 26.0 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 9.859 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.212 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

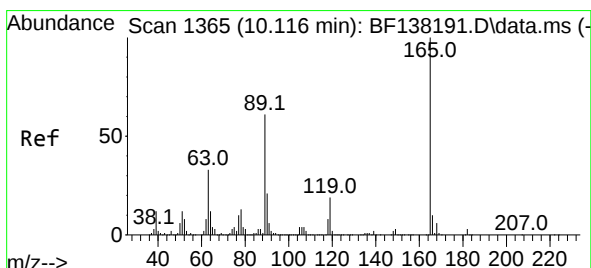
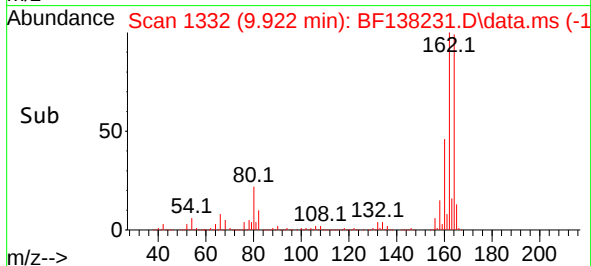
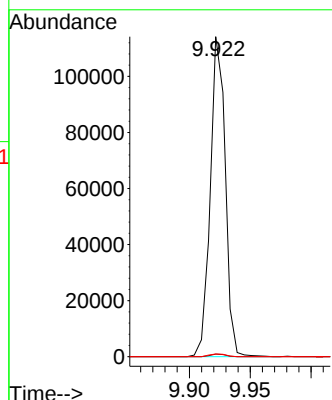
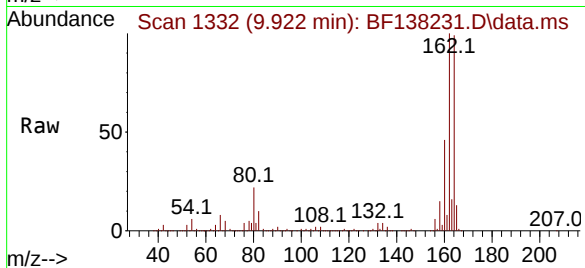
Tgt Ion:165 Resp: 97557

Ion Ratio Lower Upper

165 100

63 0.8 43.7 65.5#

89 0.8 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 7.993 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.194 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

Tgt Ion:165 Resp: 97557

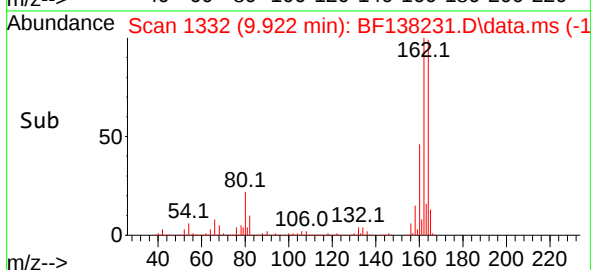
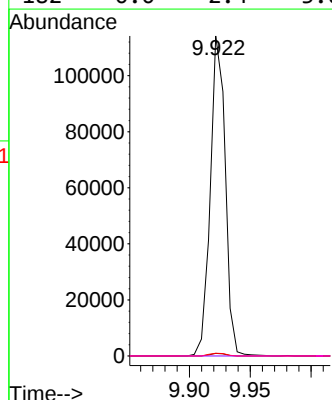
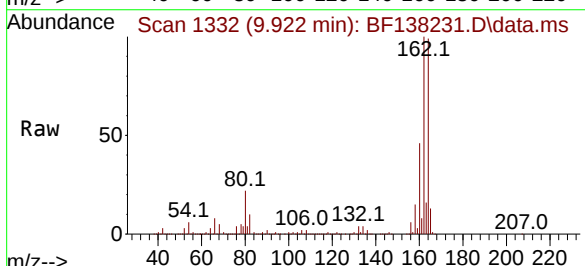
Ion Ratio Lower Upper

165 100

63 0.8 26.6 39.8#

89 0.8 48.7 73.1#

182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

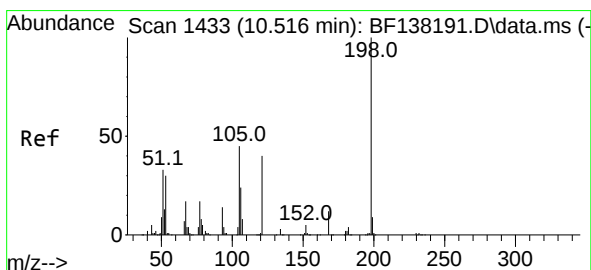
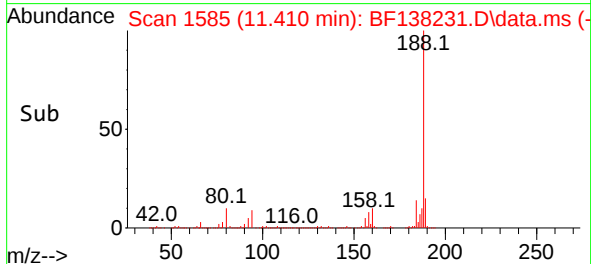
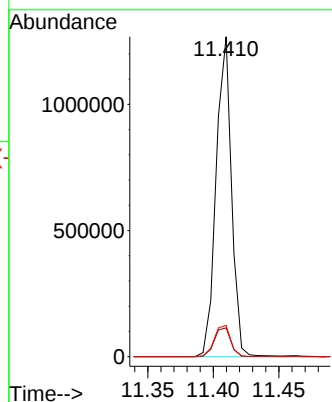
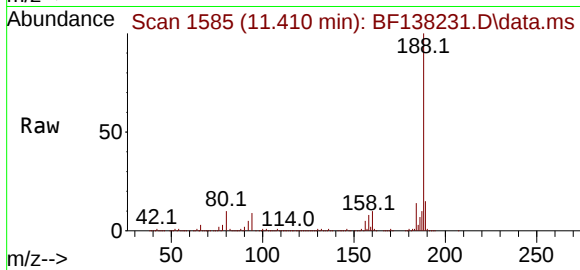
Tgt Ion:188 Resp: 1032183

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.7 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.229 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

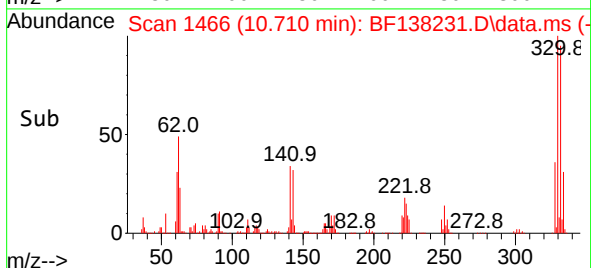
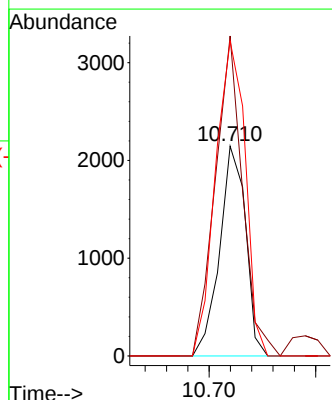
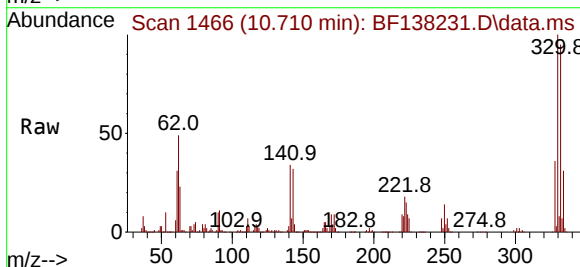
Tgt Ion:198 Resp: 1815

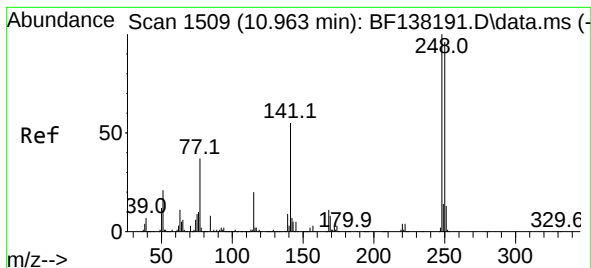
Ion Ratio Lower Upper

198 100

51 152.6 26.9 66.9#

105 150.2 26.0 66.0#

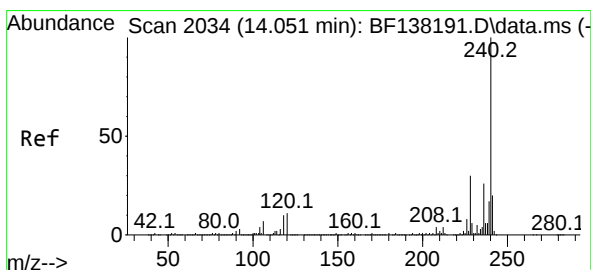
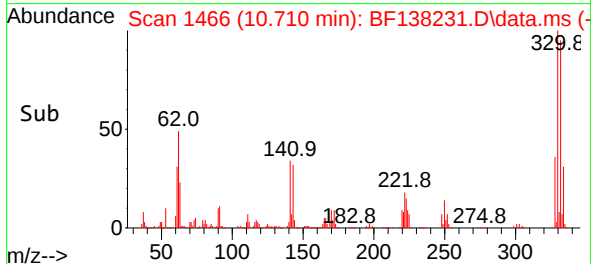
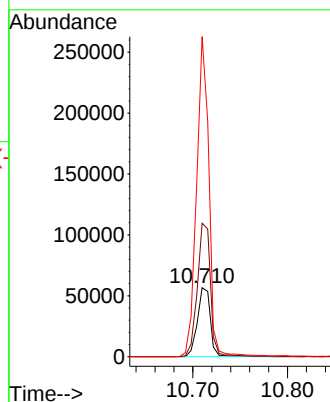
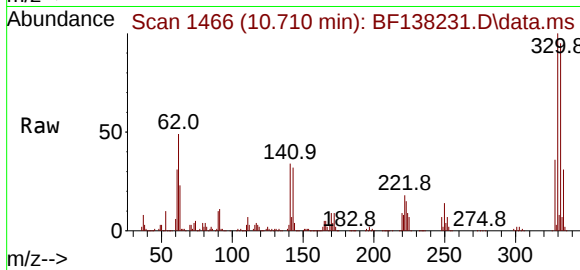




#67
4-Bromophenyl-phenylether
Concen: 4.654 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

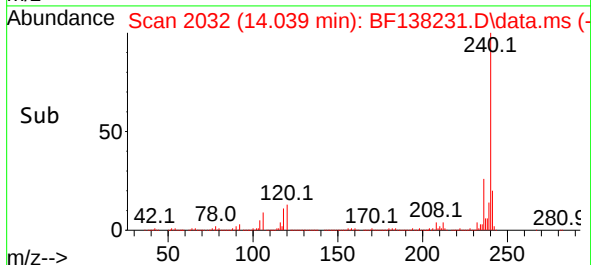
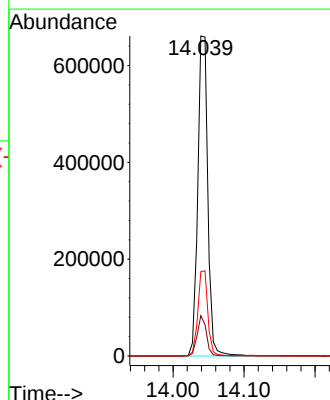
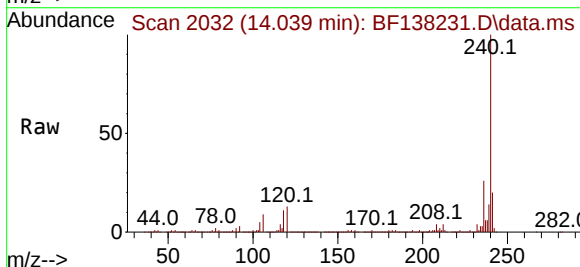
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

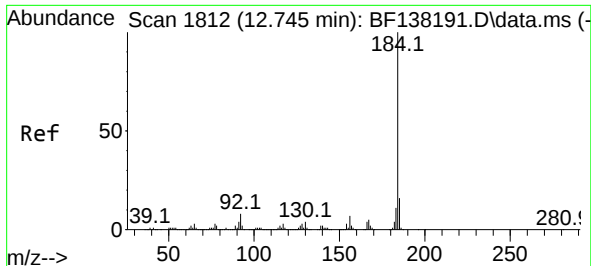
Tgt Ion:248 Resp: 54128
Ion Ratio Lower Upper
248 100
250 193.5 77.2 115.8#
141 464.2 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion:240 Resp: 652578
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.4 21.0 31.6

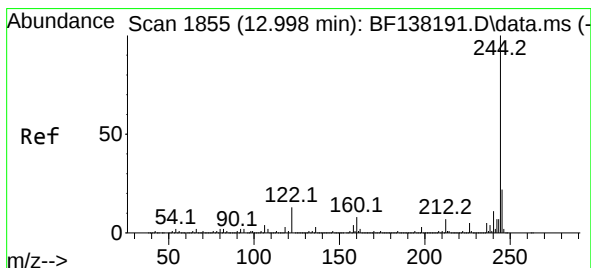
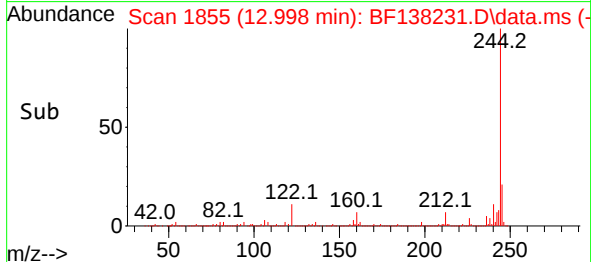
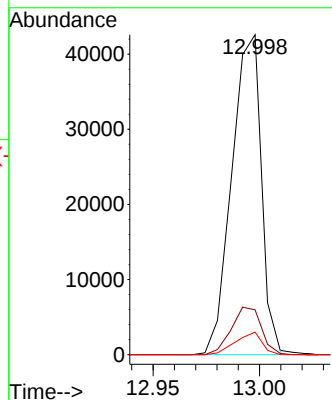
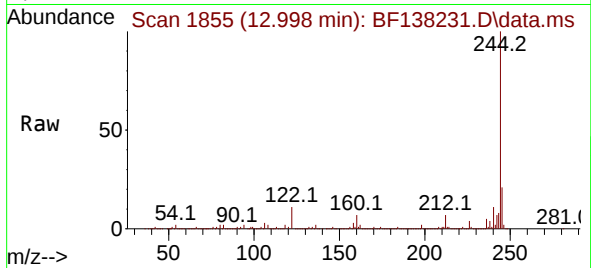




#77
Benzidine
Concen: 5.453 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

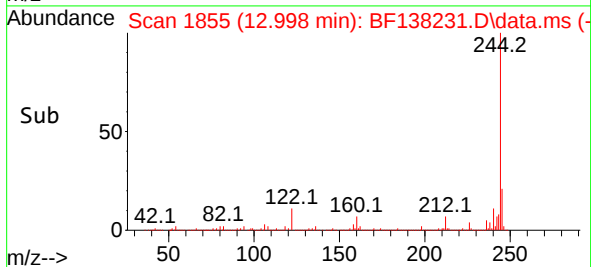
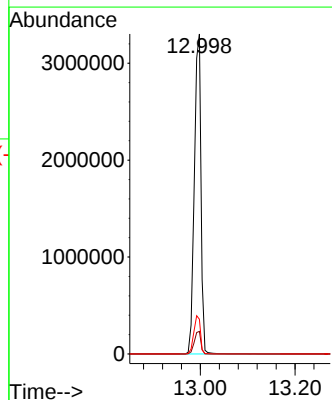
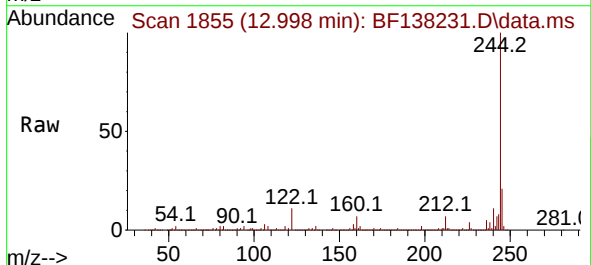
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

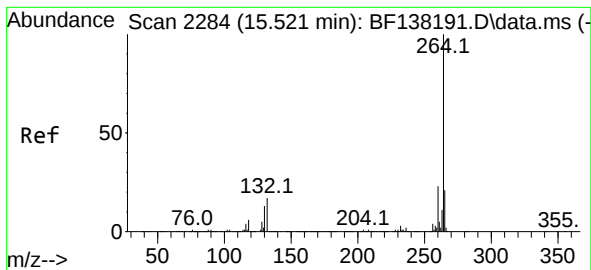
Tgt Ion:184 Resp: 41160
Ion Ratio Lower Upper
184 100
185 14.0 12.6 19.0
183 7.1 9.0 13.6#



#79
Terphenyl-d14
Concen: 77.774 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion:244 Resp: 3204494
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.8 10.6 15.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

Tgt Ion:264 Resp: 541425

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 20.9 17.0 25.6

