

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138136.D
 Acq On : 06 Jun 2024 16:42
 Operator : CG\JU
 Sample : P2704-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPU

Quant Time: Jun 07 03:13:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

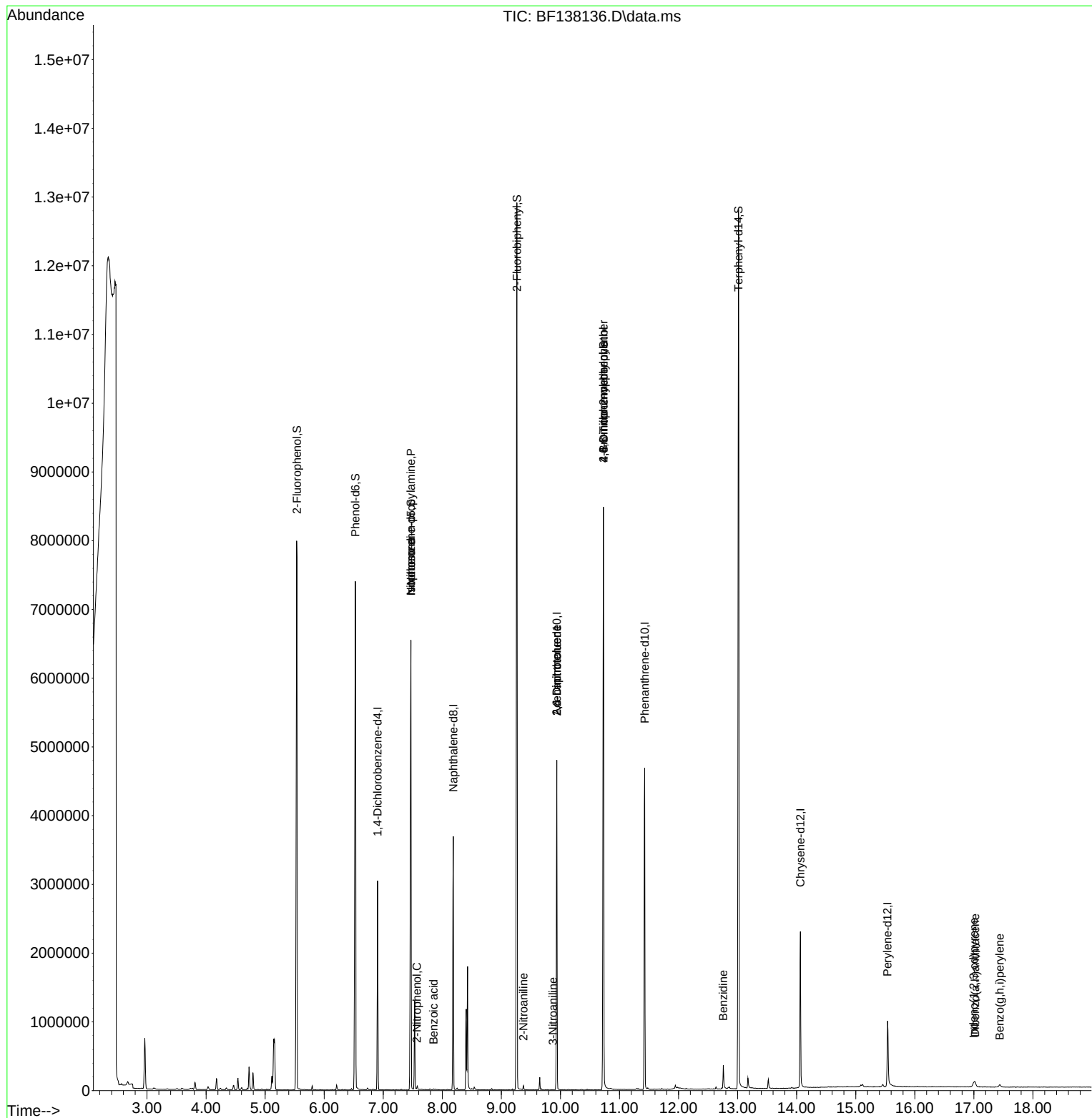
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	396072	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1529960	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	896811	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1682050	20.000	ng	0.00
76) Chrysene-d12	14.063	240	776838	20.000	ng	0.00
86) Perylene-d12	15.539	264	534338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2681277	115.371	ng	0.01
7) Phenol-d6	6.528	99	3168258	107.748	ng	0.00
23) Nitrobenzene-d5	7.469	82	2174138	96.684	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	1243768	144.110	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4152850	80.969	ng	0.00
79) Terphenyl-d14	13.016	244	5092268	98.047	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	651	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.469	70	299048	15.950 ng	#	77
25) Isophorone	7.469	82	2174108	43.886 ng	#	63
26) 2-Nitrophenol	7.569	139	117	5.063 ng	#	34
32) Benzoic acid	7.851	122	3239	8.205 ng		93
48) 2-Nitroaniline	9.375	65	583	4.839 ng	#	16
51) 2,6-Dinitrotoluene	9.939	165	119001	12.443 ng	#	25
53) 3-Nitroaniline	9.875	138	84	2.951 ng	#	3
57) 2,4-Dinitrotoluene	9.939	165	119001	11.314 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.727	198	2761	8.842 ng	#	1
67) 4-Bromophenyl-phenylether	10.727	248	77666	4.055 ng	#	1
77) Benzidine	12.757	184	132134	16.529 ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	61398	5.440 ng		95
91) Dibenzo(a,h)anthracene	17.021	278	63326	6.169 ng		96
92) Benzo(g,h,i)perylene	17.439	276	34437	4.321 ng		99

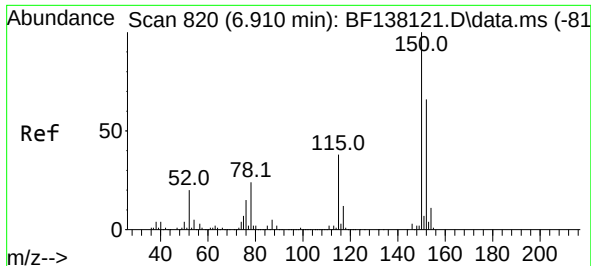
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138136.D
Acq On : 06 Jun 2024 16:42
Operator : CG\JU
Sample : P2704-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPU

Quant Time: Jun 07 03:13:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

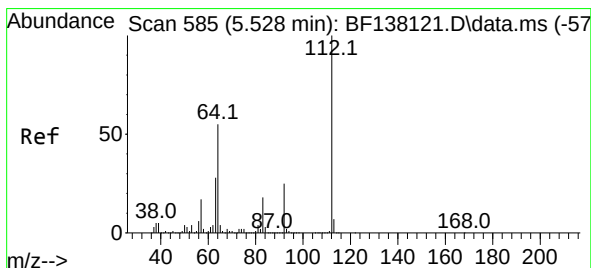
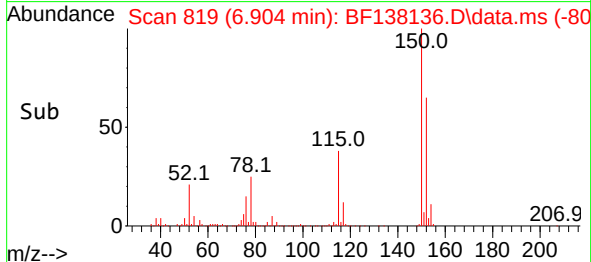
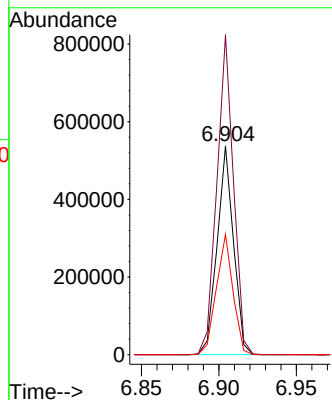
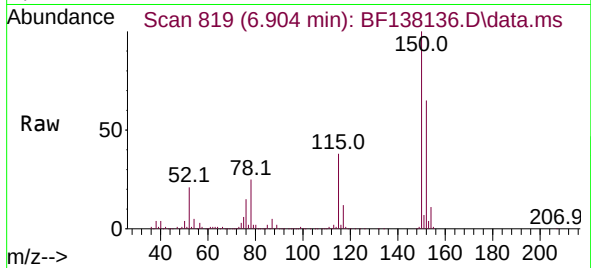




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

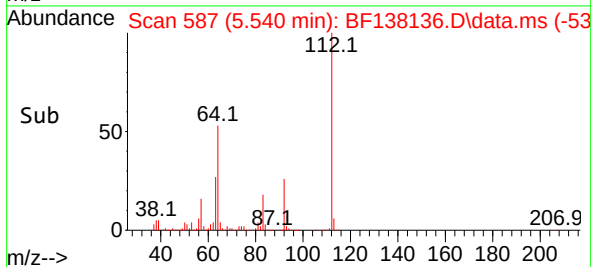
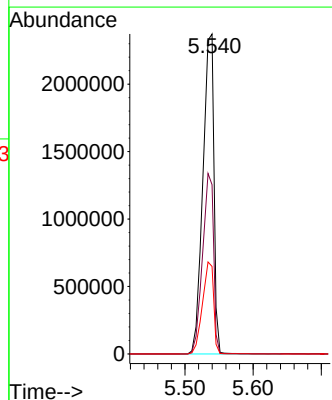
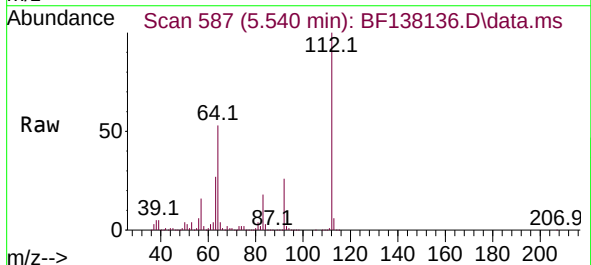
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

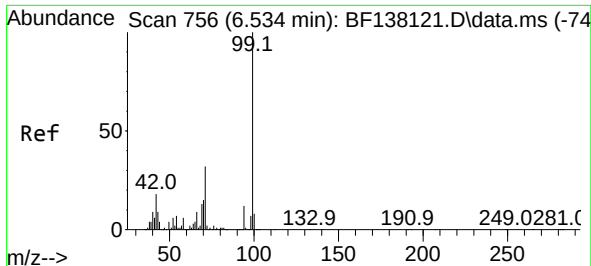
Tgt Ion:152 Resp: 396072
Ion Ratio Lower Upper
152 100
150 153.2 121.8 182.6
115 57.6 46.2 69.2



#5
2-Fluorophenol
Concen: 115.371 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:112 Resp: 2681277
Ion Ratio Lower Upper
112 100
64 52.9 44.0 66.0
63 27.4 22.1 33.1

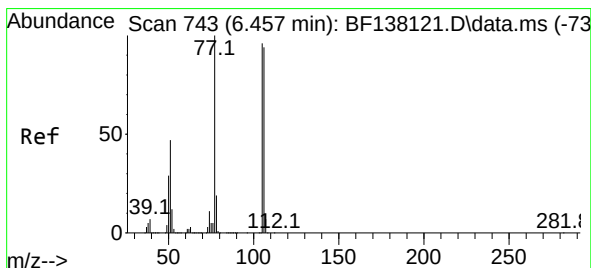
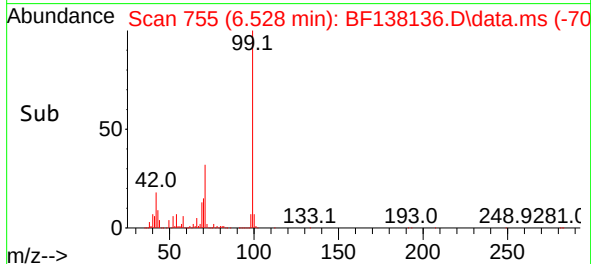
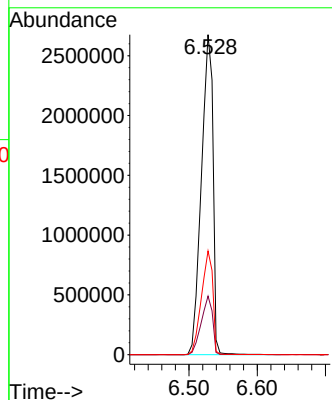
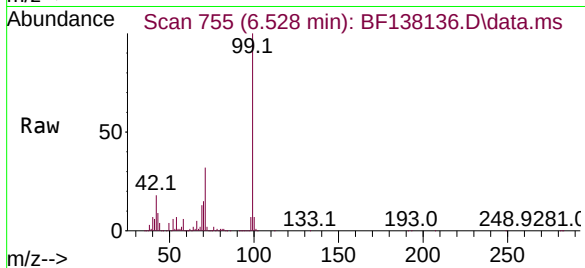




#7
Phenol-d6
Concen: 107.748 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

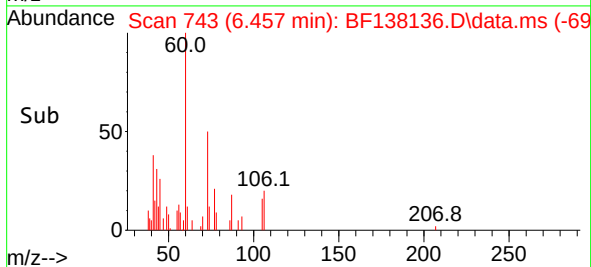
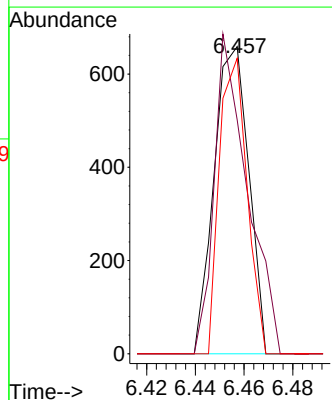
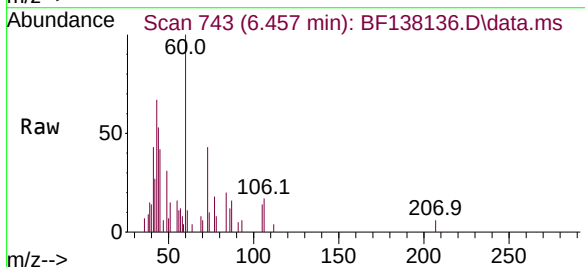
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

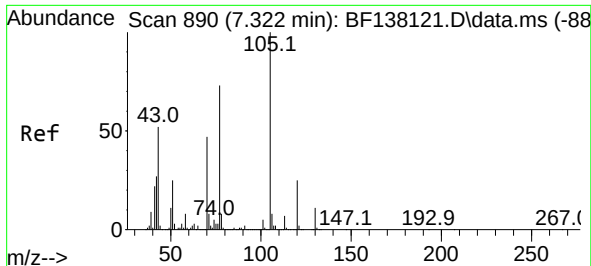
Tgt Ion: 99 Resp: 3168258
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 32.4 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion: 77 Resp: 651
Ion Ratio Lower Upper
77 100
105 76.2 75.8 115.8
106 96.2 73.9 113.9

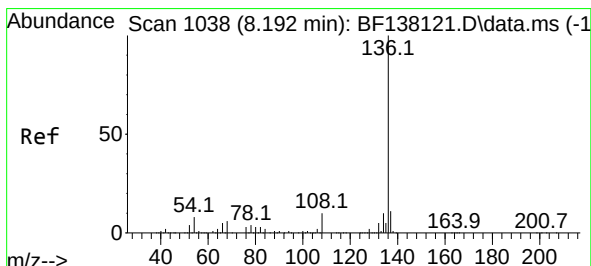
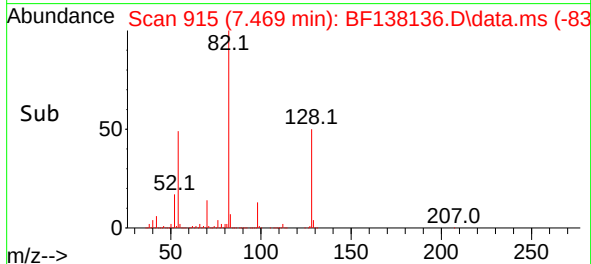
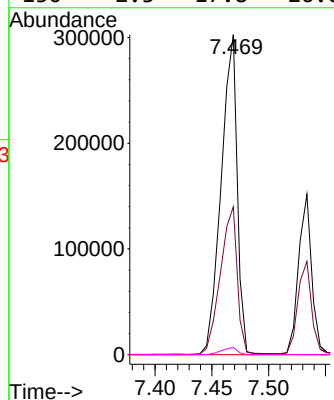
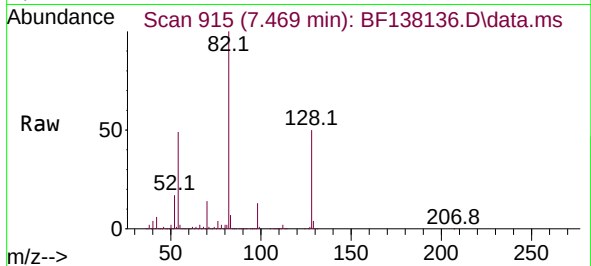




#19
n-Nitroso-di-n-propylamine
Concen: 15.950 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

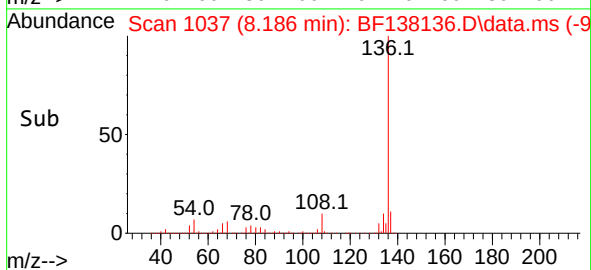
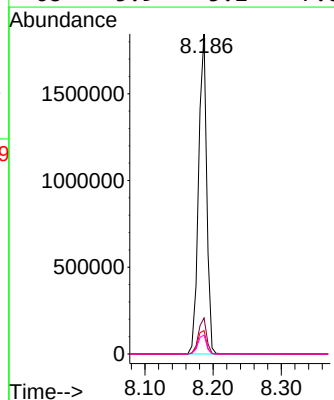
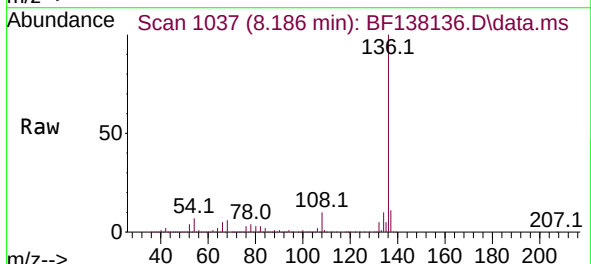
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

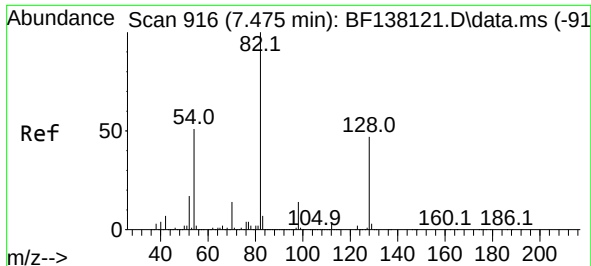
Tgt Ion: 70 Resp: 299048
Ion Ratio Lower Upper
70 100
42 46.2 46.3 69.5#
101 0.0 7.7 11.5#
130 2.3 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:136 Resp: 1529960
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 6.2 9.2
68 5.9 5.2 7.8

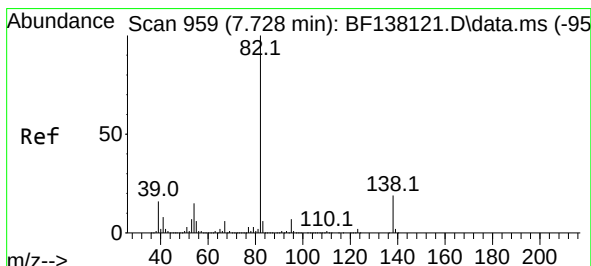
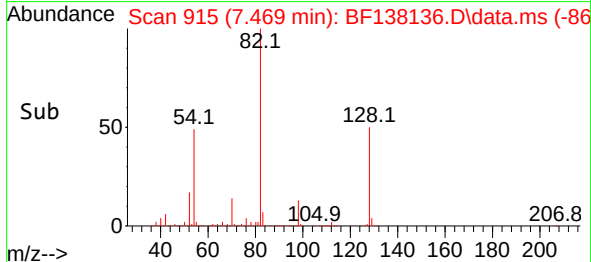
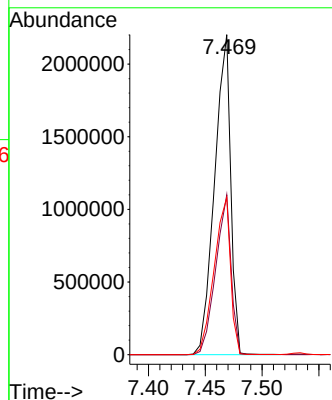
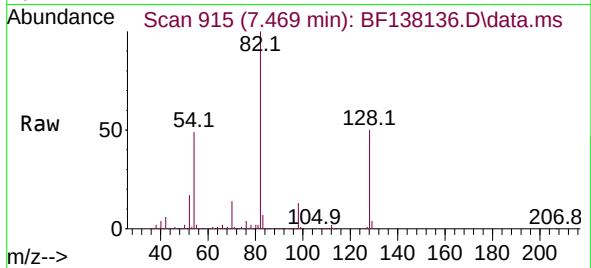




#23
Nitrobenzene-d5
Concen: 96.684 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

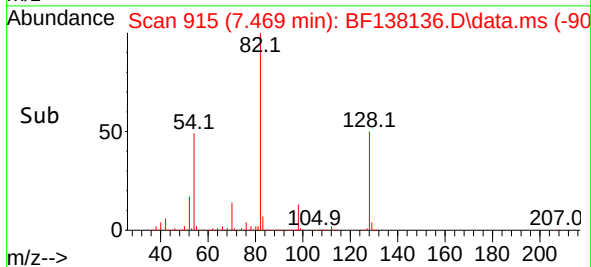
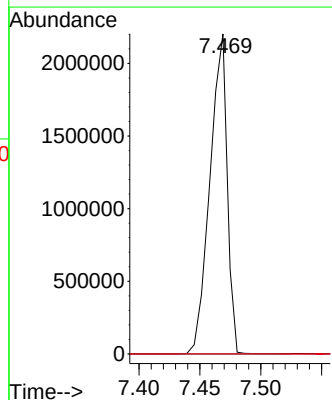
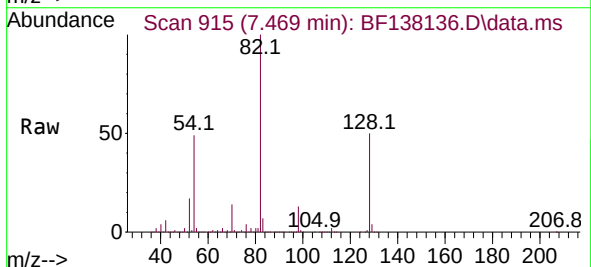
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

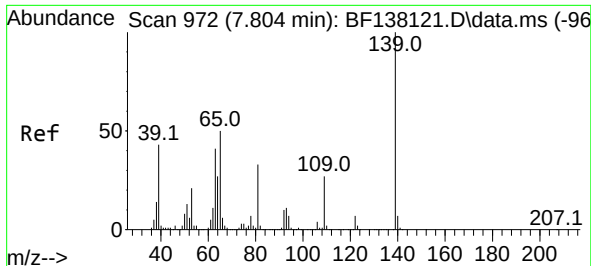
Tgt Ion: 82 Resp: 2174138
Ion Ratio Lower Upper
82 100
128 49.9 37.7 56.5
54 49.1 40.8 61.2



#25
Isophorone
Concen: 43.886 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion: 82 Resp: 2174108
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

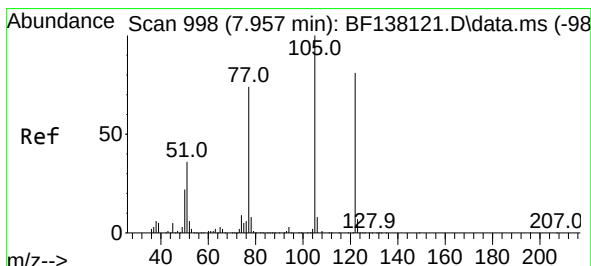
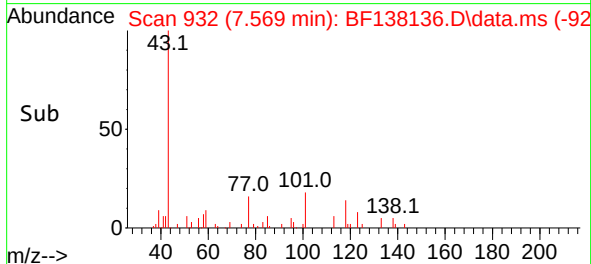
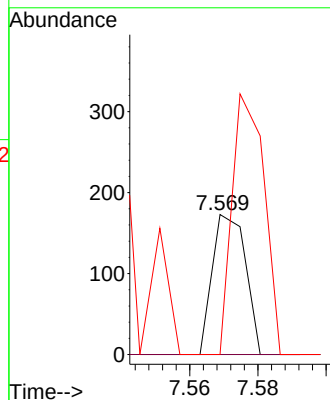
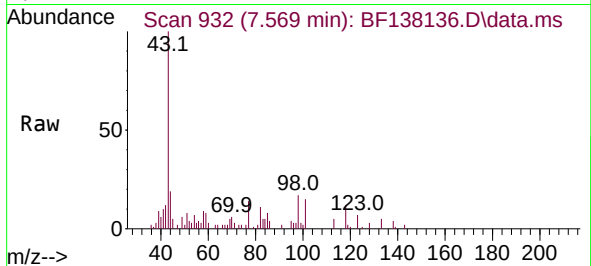




#26
2-Nitrophenol
Concen: 5.063 ng
RT: 7.569 min Scan# 911
Delta R.T. -0.235 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

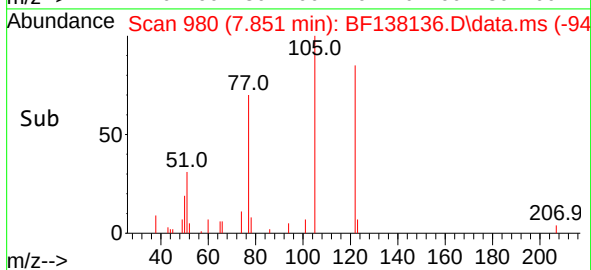
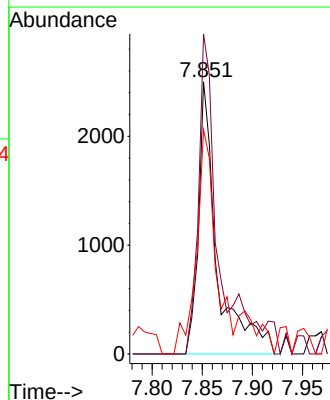
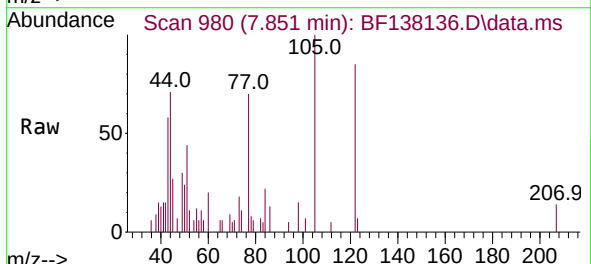
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

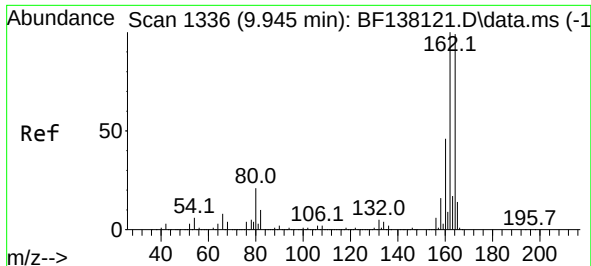
Tgt Ion:139 Resp: 117
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.6#
65 0.0 40.1 60.1#



#32
Benzoic acid
Concen: 8.205 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.106 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:122 Resp: 3239
Ion Ratio Lower Upper
122 100
105 117.6 102.8 142.8
77 82.4 71.2 111.2

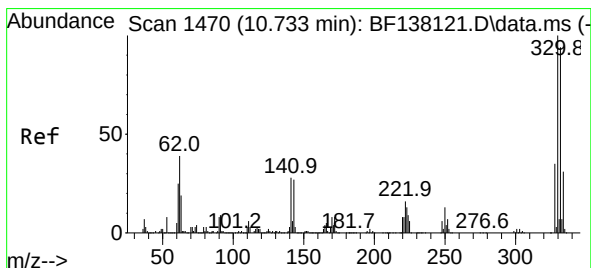
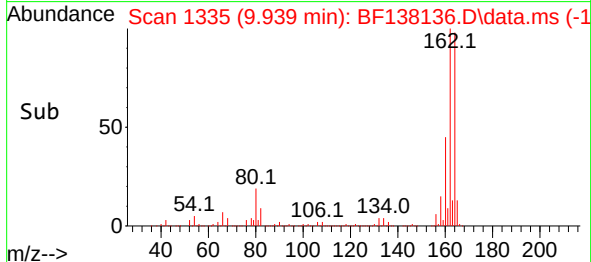
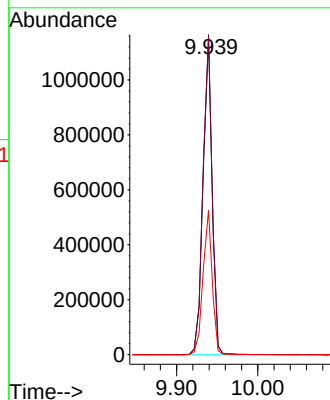
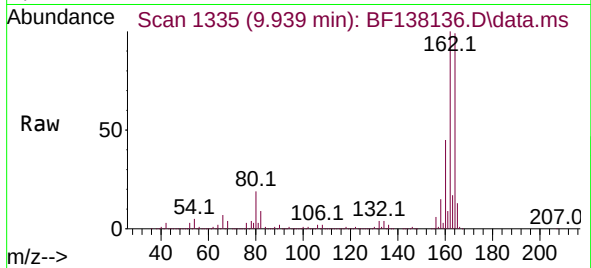




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

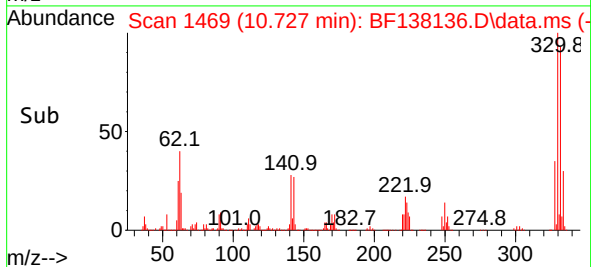
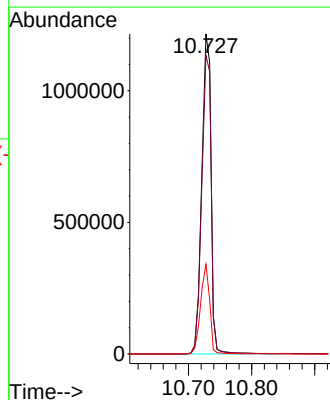
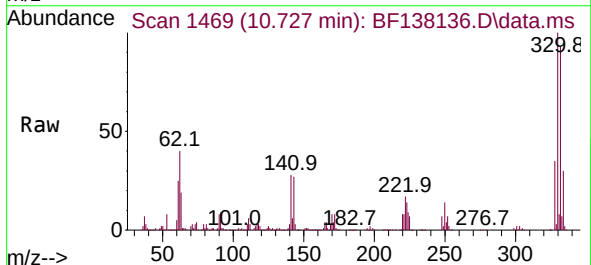
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

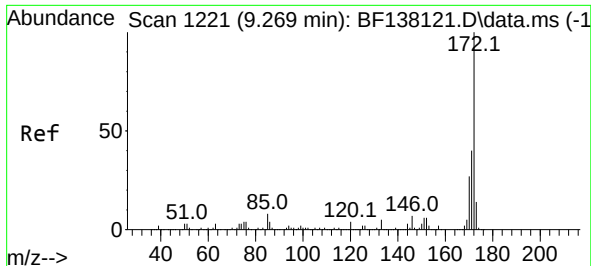
Tgt Ion:164 Resp: 896811
Ion Ratio Lower Upper
164 100
162 101.1 80.9 121.3
160 45.7 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 144.110 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:330 Resp: 1243768
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.8
141 27.5 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 80.969 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPU

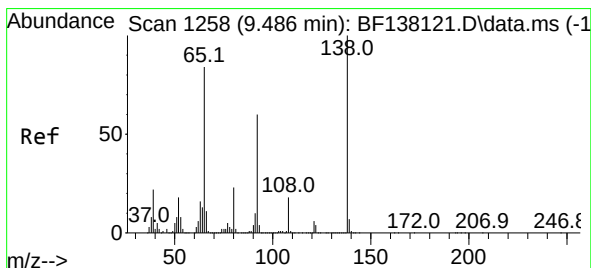
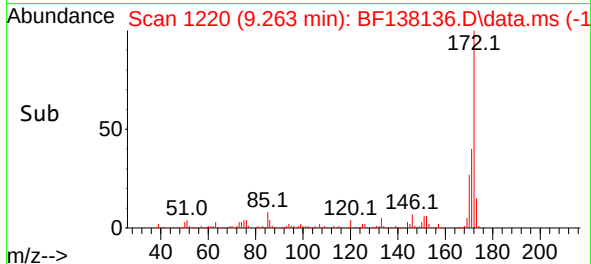
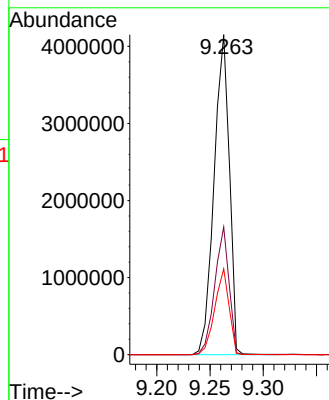
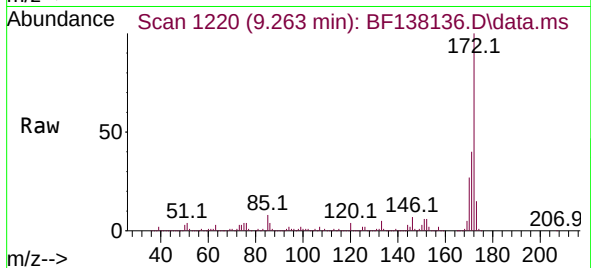
Tgt Ion:172 Resp: 4152850

Ion Ratio Lower Upper

172 100

171 39.9 31.6 47.4

170 26.9 21.4 32.2



#48

2-Nitroaniline

Concen: 4.839 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.111 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

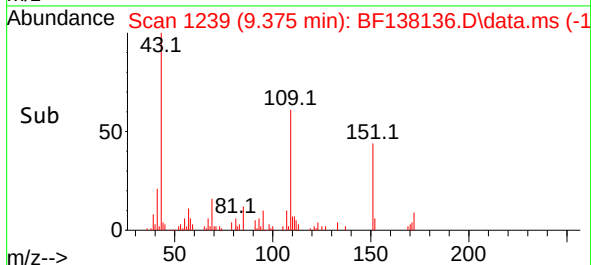
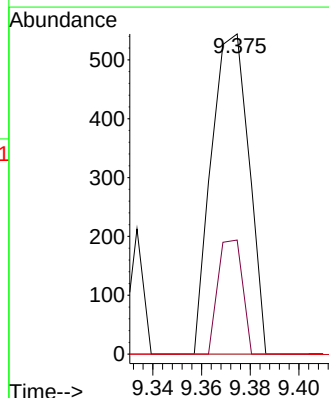
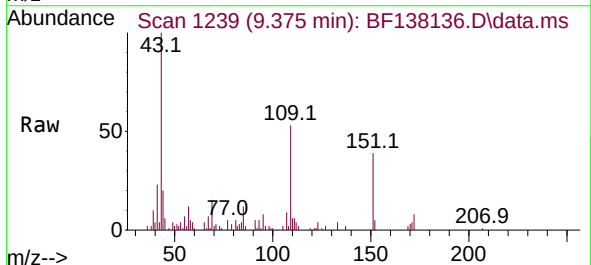
Tgt Ion: 65 Resp: 583

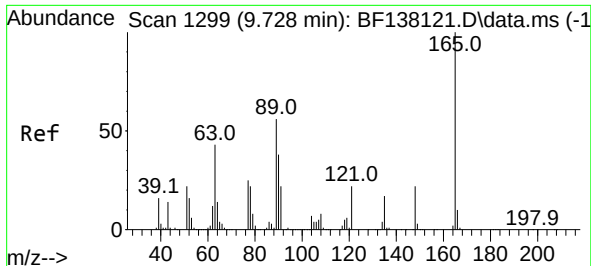
Ion Ratio Lower Upper

65 100

92 35.7 57.3 85.9#

138 0.0 95.4 143.2#

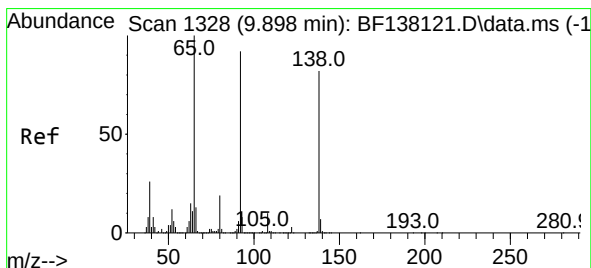
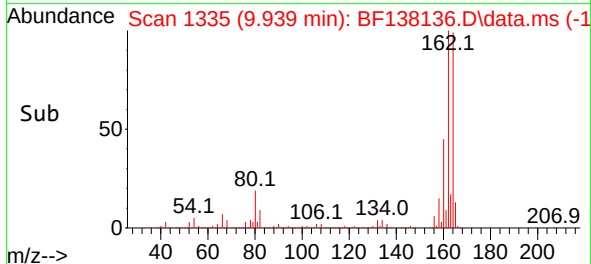
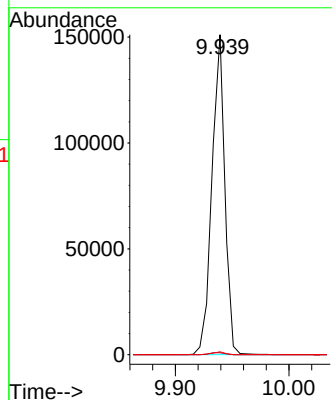
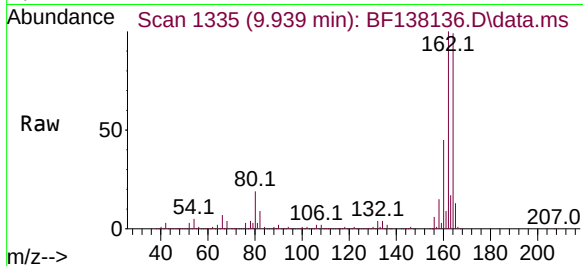




#51
2,6-Dinitrotoluene
Concen: 12.443 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

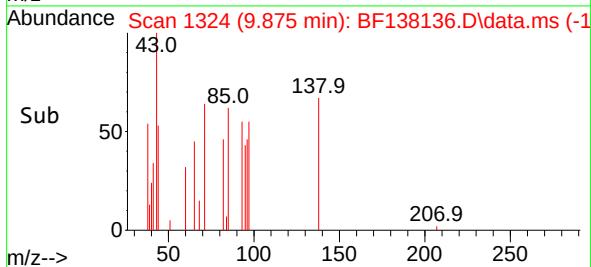
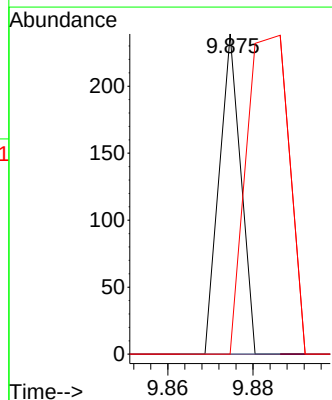
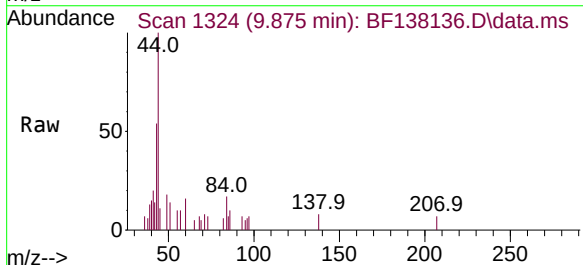
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

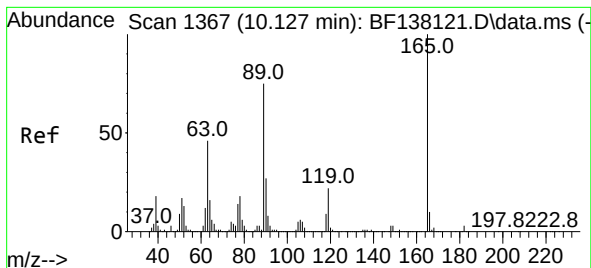
Tgt Ion:165 Resp: 119001
Ion Ratio Lower Upper
165 100
63 0.6 42.9 64.3#
89 0.9 45.0 67.4#



#53
3-Nitroaniline
Concen: 2.951 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.023 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:138 Resp: 84
Ion Ratio Lower Upper
138 100
108 0.0 10.3 15.5#
92 0.0 89.5 134.3#

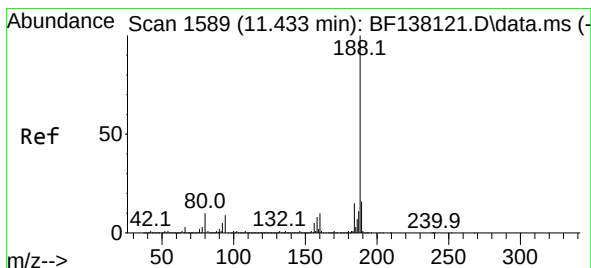
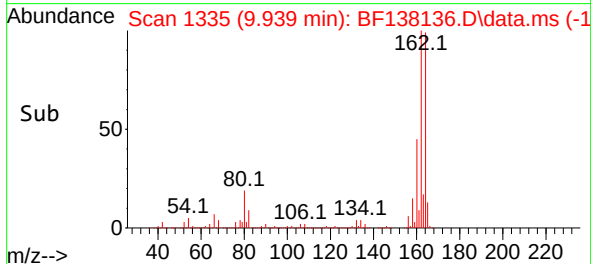
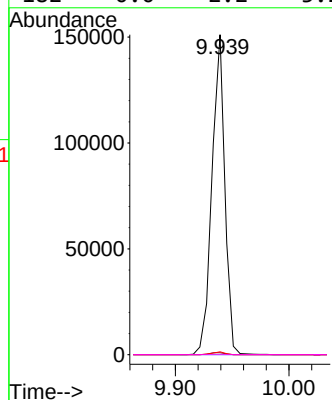
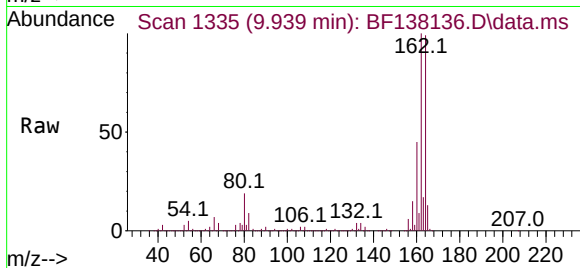




#57
2,4-Dinitrotoluene
Concen: 11.314 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

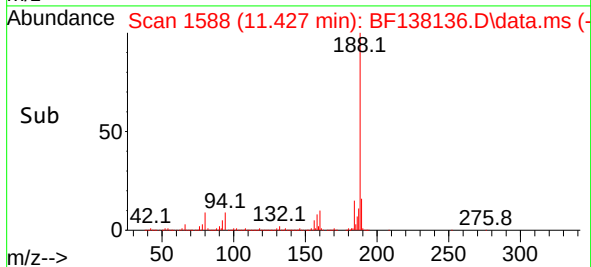
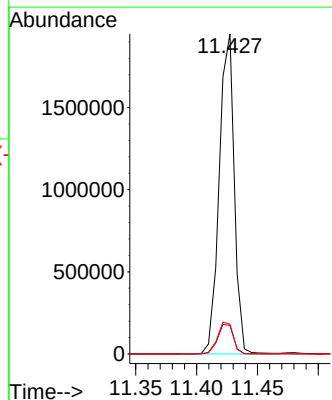
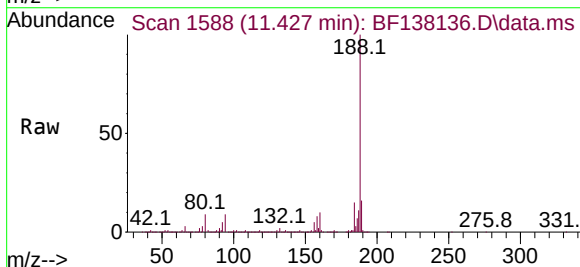
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

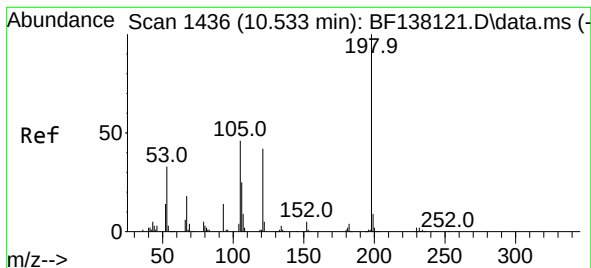
Tgt Ion:165 Resp: 119001
Ion Ratio Lower Upper
165 100
63 0.6 36.8 55.2#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:188 Resp: 1682050
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.4 7.7 11.5

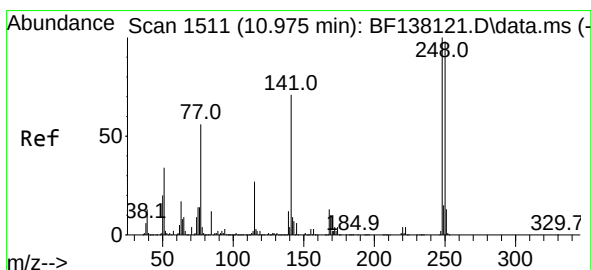
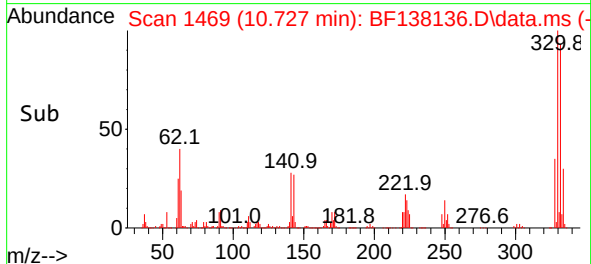
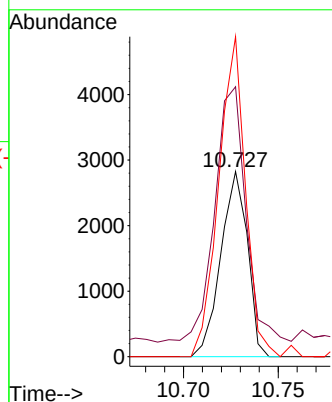
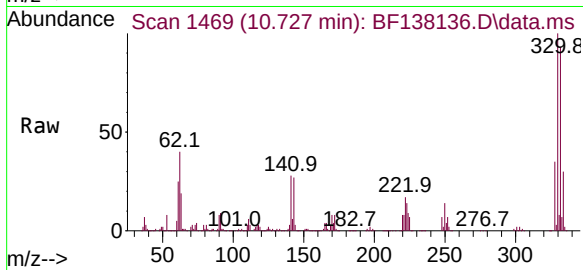




#65
4,6-Dinitro-2-methylphenol
Concen: 8.842 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

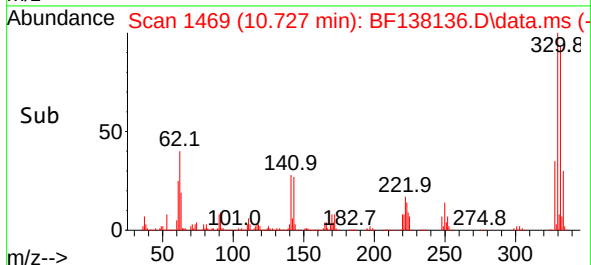
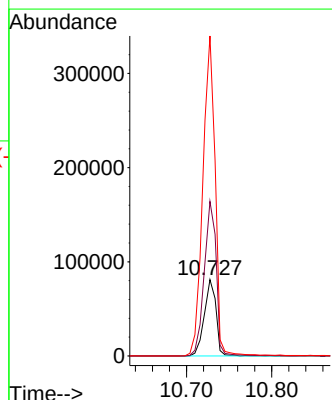
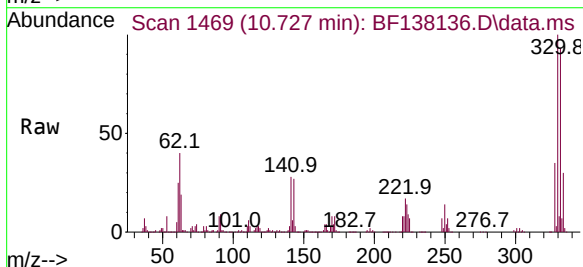
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

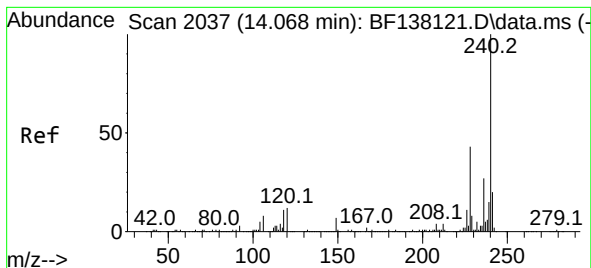
Tgt Ion:198 Resp: 2761
Ion Ratio Lower Upper
198 100
51 145.8 28.2 68.2#
105 172.8 26.8 66.8#



#67
4-Bromophenyl-phenylether
Concen: 4.055 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:248 Resp: 77666
Ion Ratio Lower Upper
248 100
250 202.7 78.7 118.1#
141 419.4 56.5 84.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.005 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPU

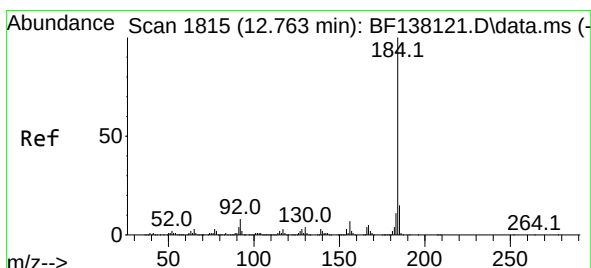
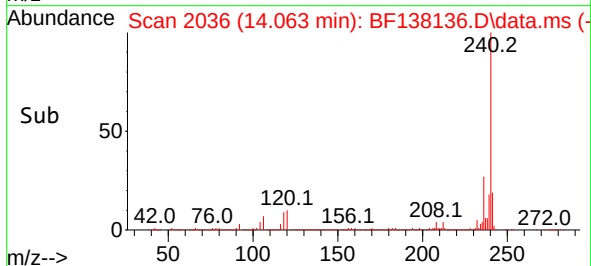
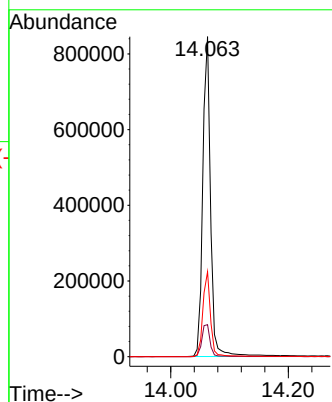
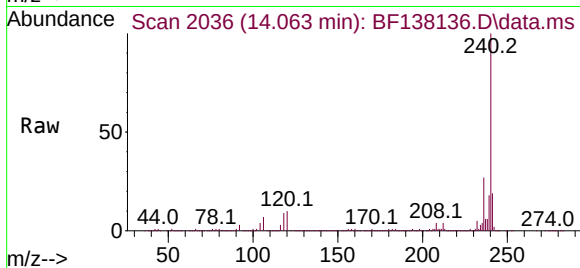
Tgt Ion:240 Resp: 776838

Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 26.5 21.2 31.8



#77

Benzidine

Concen: 16.529 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

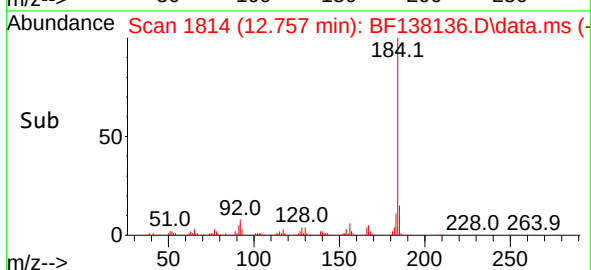
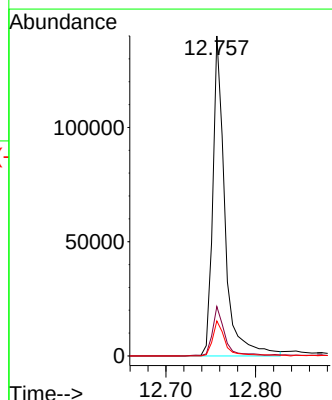
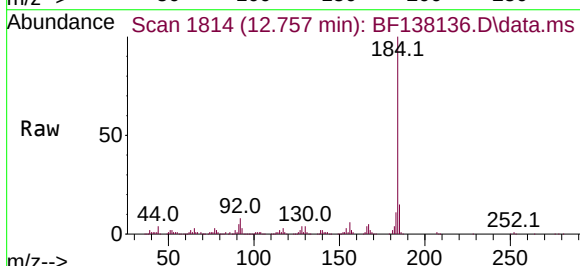
Tgt Ion:184 Resp: 132134

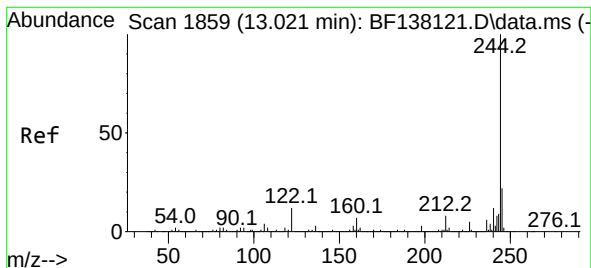
Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

183 10.9 9.0 13.4





#79

Terphenyl-d14

Concen: 98.047 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPU

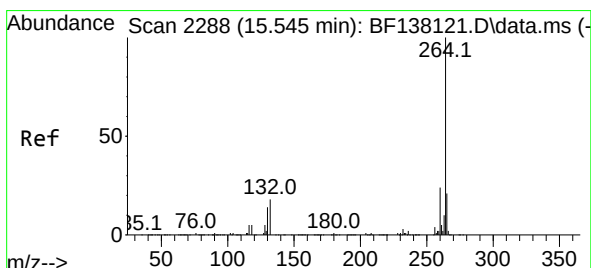
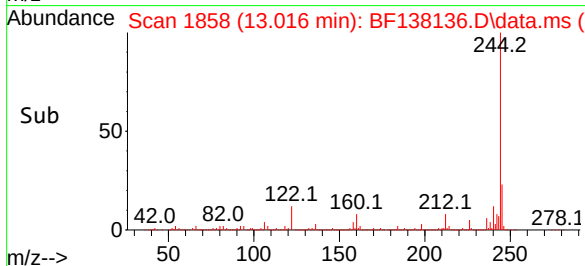
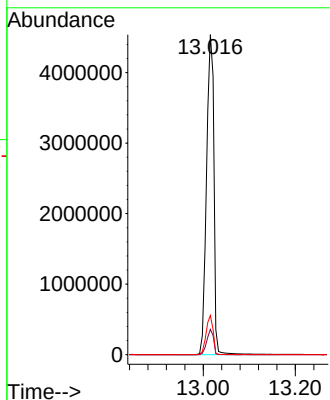
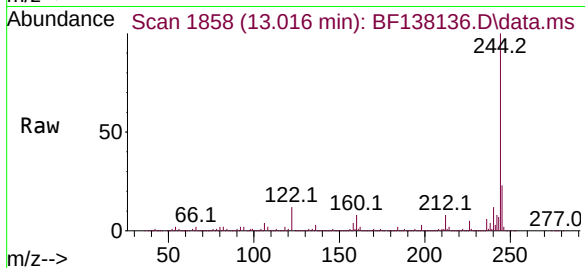
Tgt Ion:244 Resp: 5092268

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 12.3 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

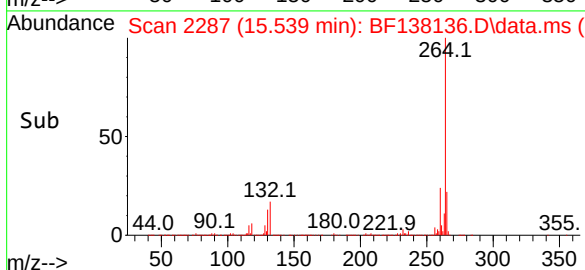
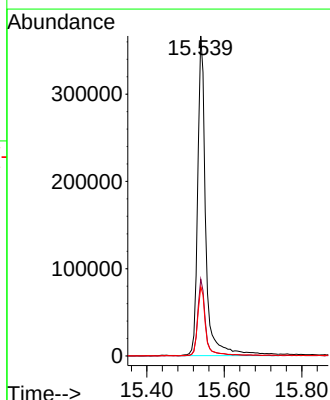
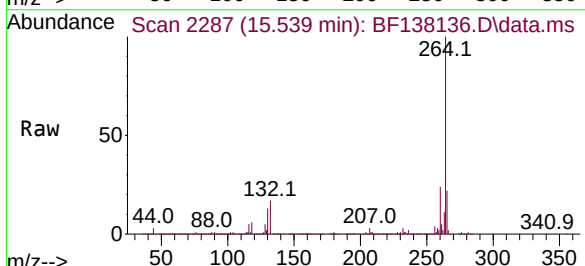
Tgt Ion:264 Resp: 534338

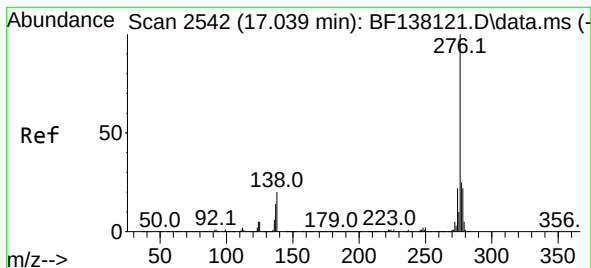
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.440 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPU

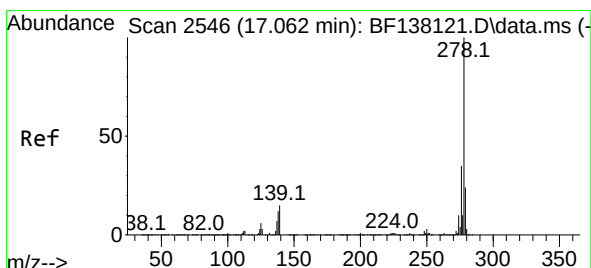
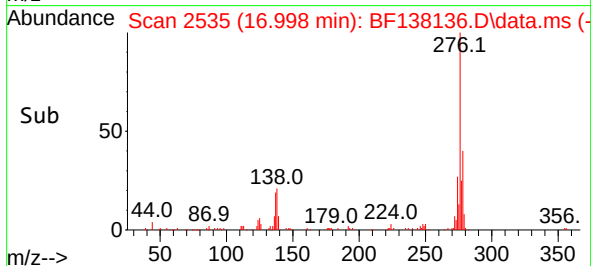
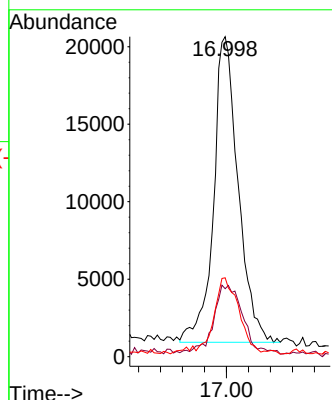
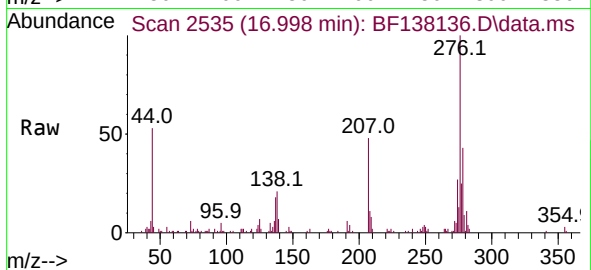
Tgt Ion:276 Resp: 61398

Ion Ratio Lower Upper

276 100

138 26.9 18.9 28.3

277 23.8 20.3 30.5



#91

Dibenzo(a,h)anthracene

Concen: 6.169 ng

RT: 17.021 min Scan# 2539

Delta R.T. -0.041 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

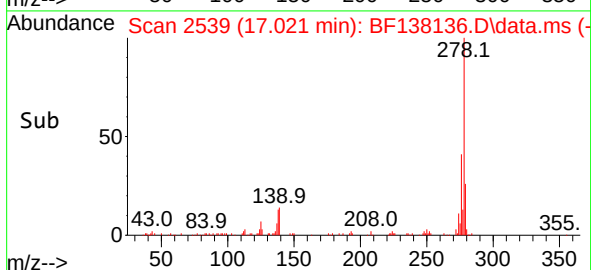
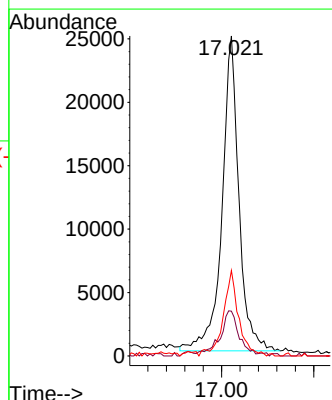
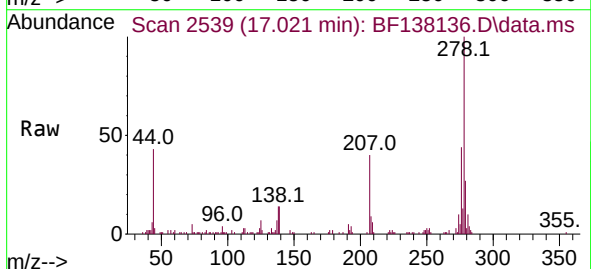
Tgt Ion:278 Resp: 63326

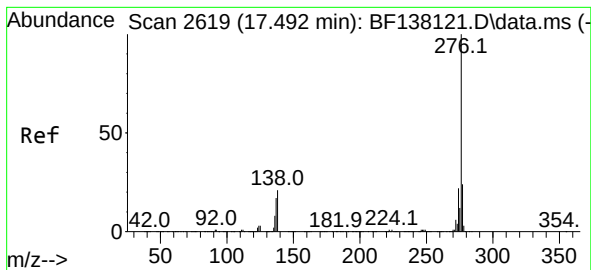
Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

279 26.7 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 4.321 ng

RT: 17.439 min Scan# 20

Delta R.T. -0.053 min

Lab File: BF138136.D

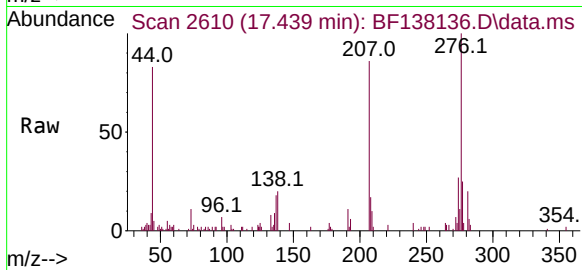
Acq: 06 Jun 2024 16:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPU



Tgt Ion:276 Resp: 34437

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 20.4 16.5 24.7

