

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138139.D
 Acq On : 06 Jun 2024 18:13
 Operator : CG\JU
 Sample : P2715-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPM

Quant Time: Jun 07 03:15:22 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)

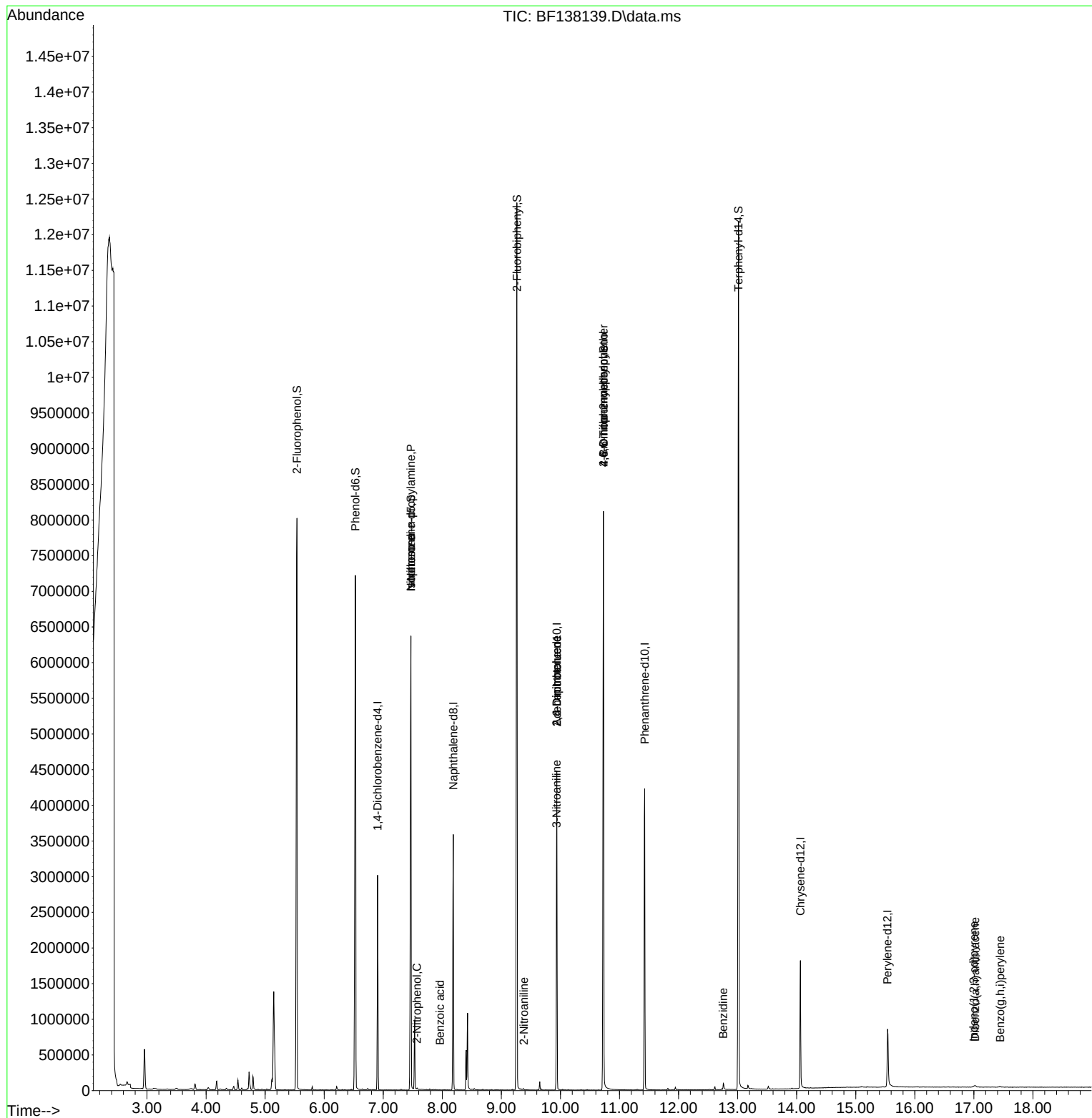
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	396003	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1511058	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	866791	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1553561	20.000	ng	0.00
76) Chrysene-d12	14.063	240	604978	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	463036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2572014	110.689	ng	0.01
7) Phenol-d6	6.528	99	3060858	104.113	ng	0.00
23) Nitrobenzene-d5	7.469	82	2046986	92.168	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	1150240	137.889	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4115766	83.026	ng	0.00
79) Terphenyl-d14	13.016	244	4667814	115.406	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	555	Below Cal		91
19) n-Nitroso-di-n-propyla...	7.469	70	281325	15.007 ng	#	76
25) Isophorone	7.469	82	2045992	41.816 ng	#	63
26) 2-Nitrophenol	7.569	139	57	5.057 ng	#	34
32) Benzoic acid	7.963	122	78	7.940 ng	#	30
48) 2-Nitroaniline	9.380	65	237	4.815 ng	#	1
51) 2,6-Dinitrotoluene	9.939	165	114416	12.396 ng	#	25
53) 3-Nitroaniline	9.933	138	119	2.954 ng	#	1
57) 2,4-Dinitrotoluene	9.939	165	114397	11.273 ng	#	22
65) 4,6-Dinitro-2-methylph...	10.727	198	2324	8.802 ng	#	1
67) 4-Bromophenyl-phenylether	10.727	248	70771	4.001 ng	#	1
77) Benzidine	12.757	184	42811	6.877 ng		96
87) Indeno(1,2,3-cd)pyrene	16.998	276	17171	4.114 ng		93
91) Dibenzo(a,h)anthracene	17.021	278	16693	4.420 ng		98
92) Benzo(g,h,i)perylene	17.445	276	10361	3.448 ng		94

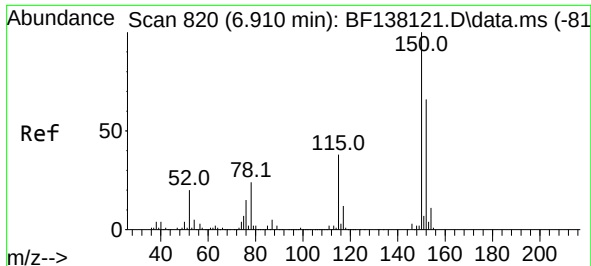
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138139.D
Acq On : 06 Jun 2024 18:13
Operator : CG\JU
Sample : P2715-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPM

Quant Time: Jun 07 03:15:22 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

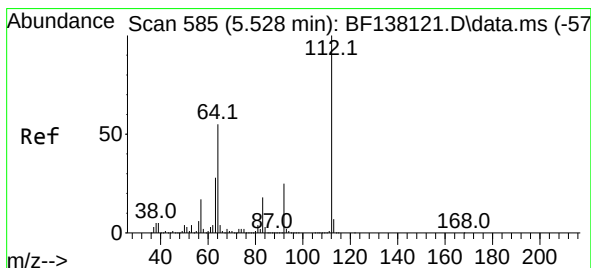
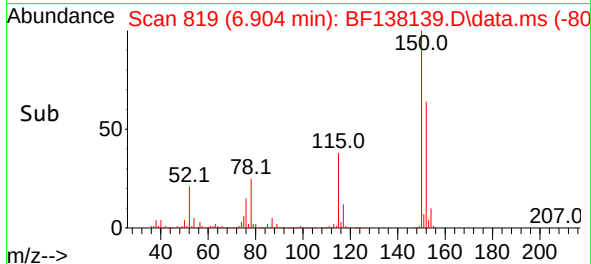
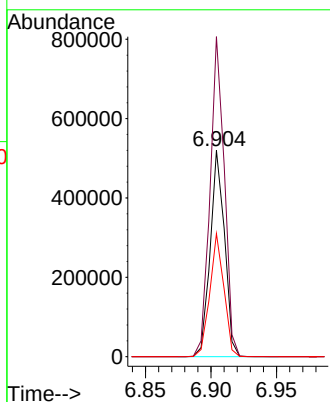
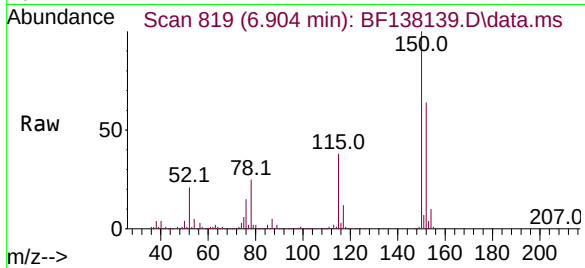




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138139.D
 Acq: 06 Jun 2024 18:13

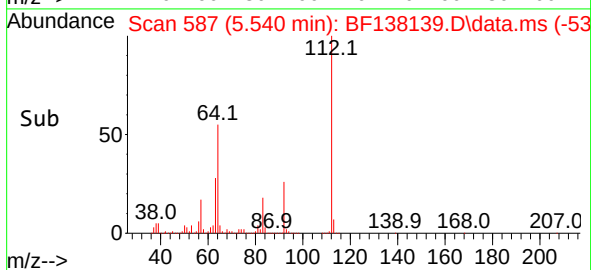
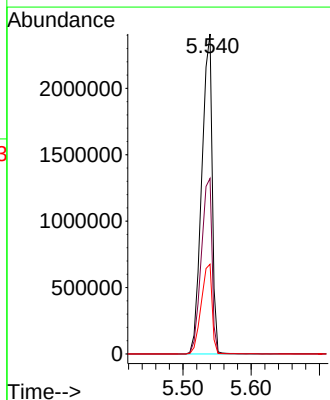
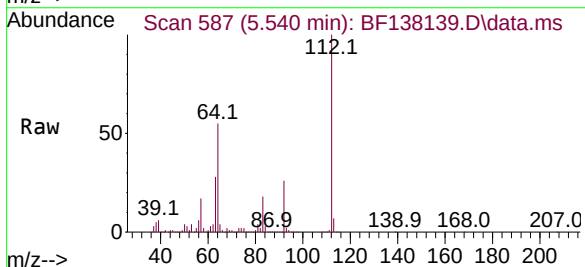
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPM

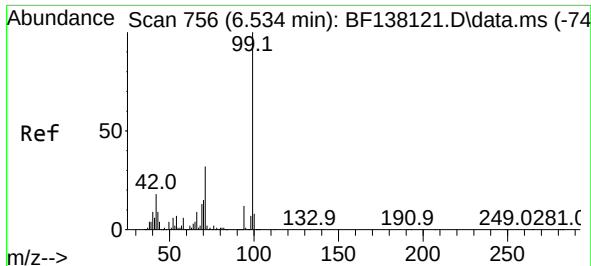
Tgt Ion:152 Resp: 396003
 Ion Ratio Lower Upper
 152 100
 150 155.2 121.8 182.6
 115 59.7 46.2 69.2



#5
 2-Fluorophenol
 Concen: 110.689 ng
 RT: 5.540 min Scan# 587
 Delta R.T. 0.012 min
 Lab File: BF138139.D
 Acq: 06 Jun 2024 18:13

Tgt Ion:112 Resp: 2572014
 Ion Ratio Lower Upper
 112 100
 64 54.9 44.0 66.0
 63 28.1 22.1 33.1





#7
Phenol-d6
Concen: 104.113 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

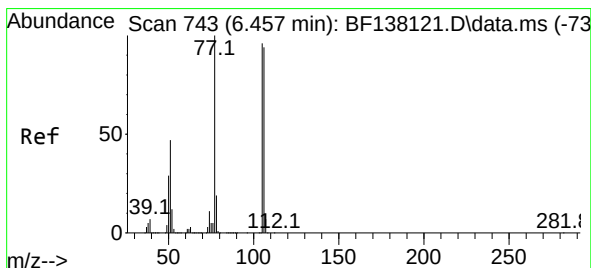
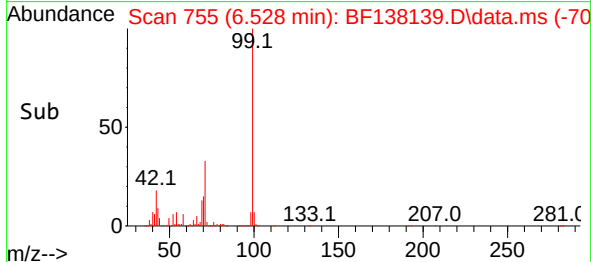
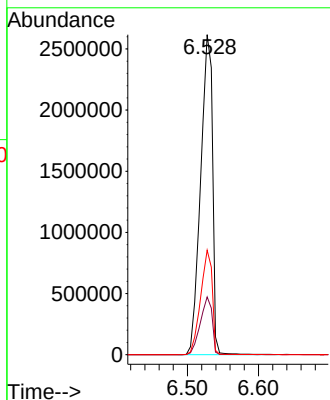
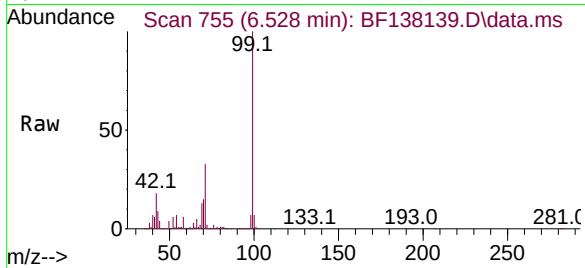
Instrument :

BNA_F

ClientSampleId :

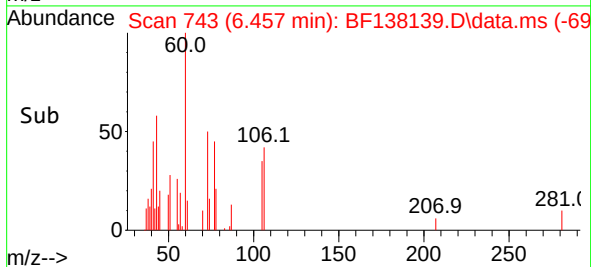
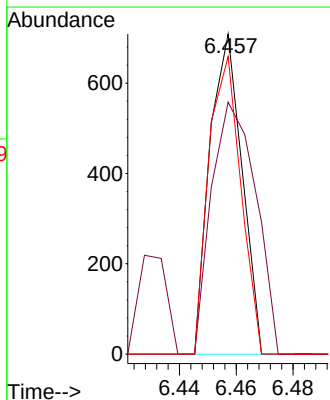
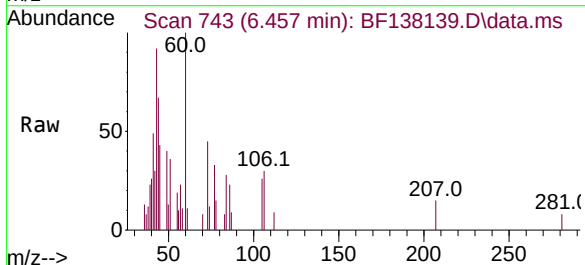
WCS-TPM

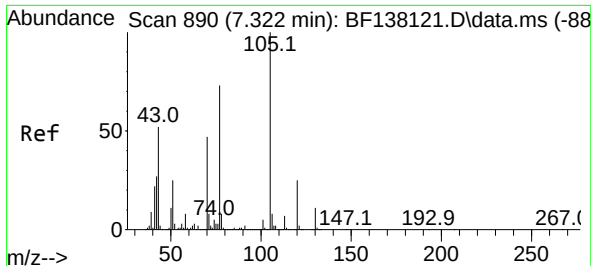
Tgt Ion: 99 Resp: 3060858
Ion Ratio Lower Upper
99 100
42 18.1 14.4 21.6
71 32.7 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

Tgt Ion: 77 Resp: 555
Ion Ratio Lower Upper
77 100
105 78.7 75.8 115.8
106 92.9 73.9 113.9

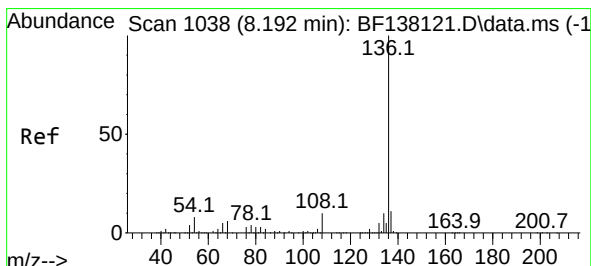
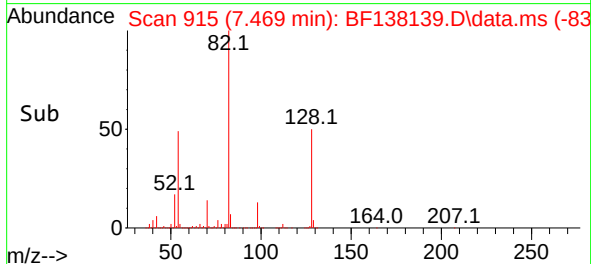
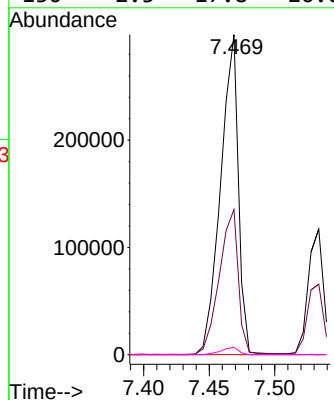
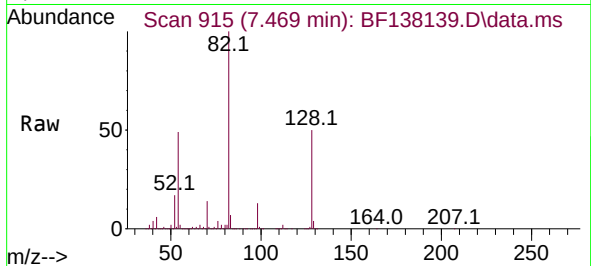




#19
n-Nitroso-di-n-propylamine
Concen: 15.007 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

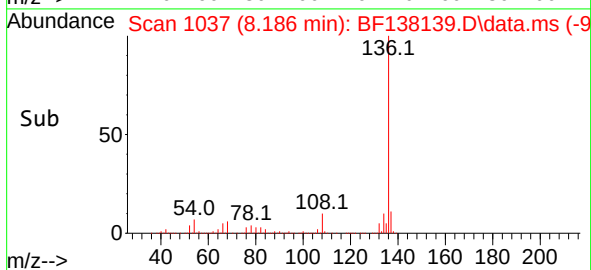
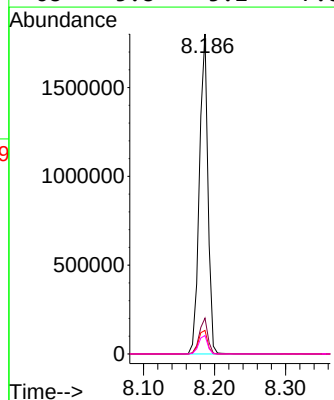
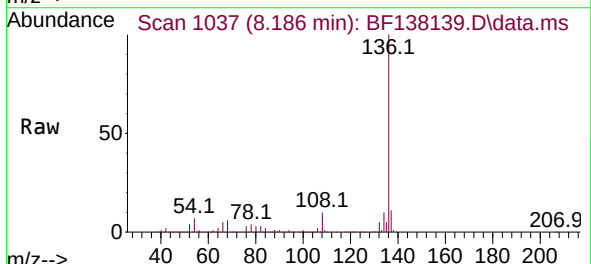
Instrument :
BNA_F
ClientSampleId :
WCS-TPM

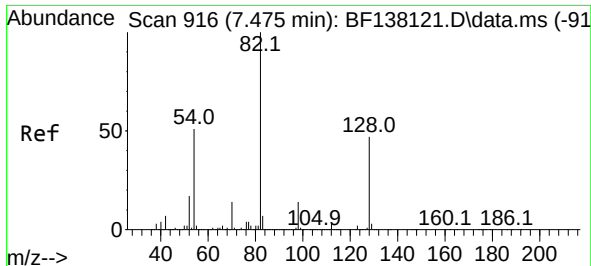
Tgt Ion: 70 Resp: 281325
Ion Ratio Lower Upper
70 100
42 45.3 46.3 69.5#
101 0.1 7.7 11.5#
130 2.3 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

Tgt Ion: 136 Resp: 1511058
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 6.2 9.2
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 92.168 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

Instrument :

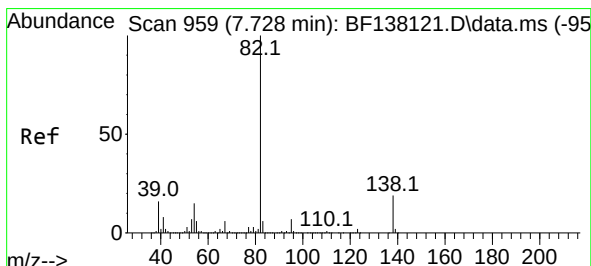
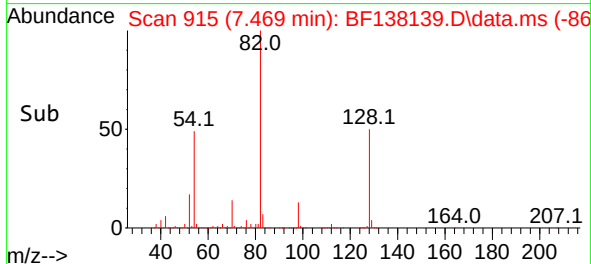
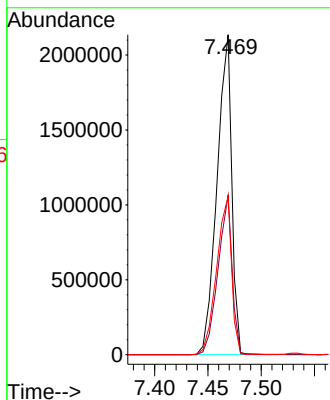
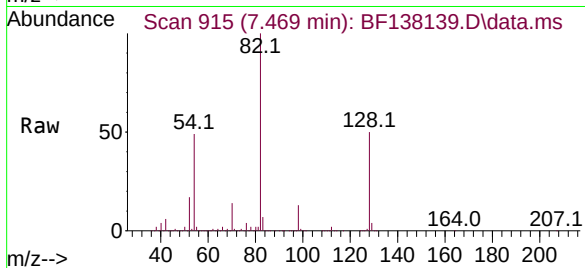
BNA_F

ClientSampleId :

WCS-TPM

Tgt Ion: 82 Resp: 2046986

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.7	56.5
54	49.4	40.8	61.2



#25

Isophorone

Concen: 41.816 ng

RT: 7.469 min Scan# 915

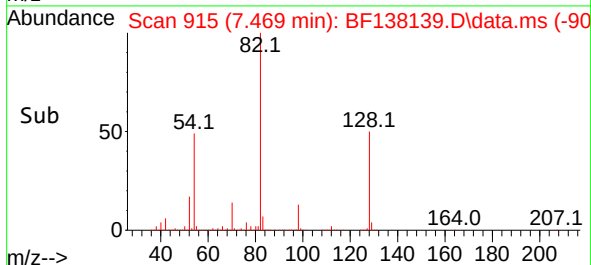
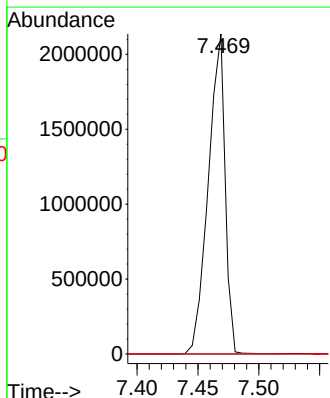
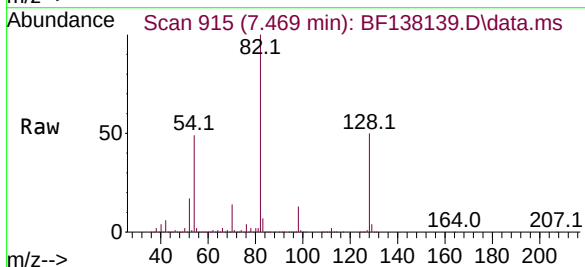
Delta R.T. -0.259 min

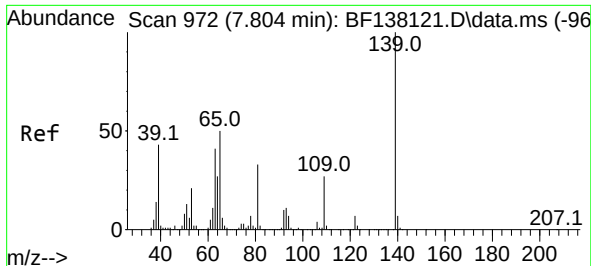
Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

Tgt Ion: 82 Resp: 2045992

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.5	23.3#

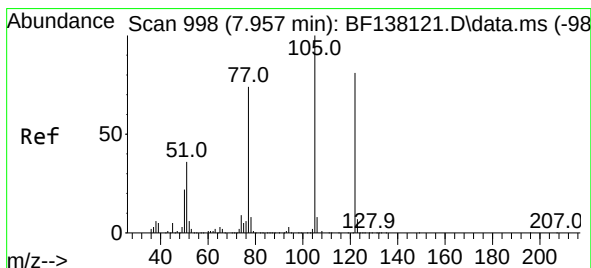
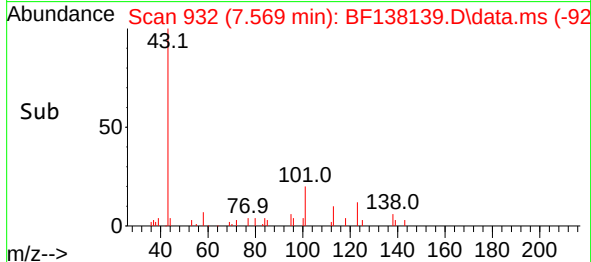
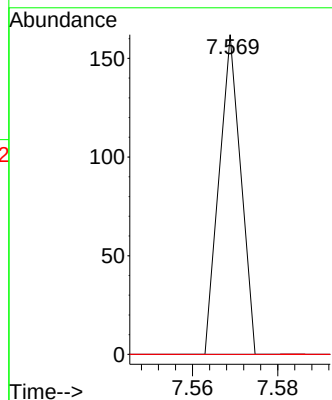
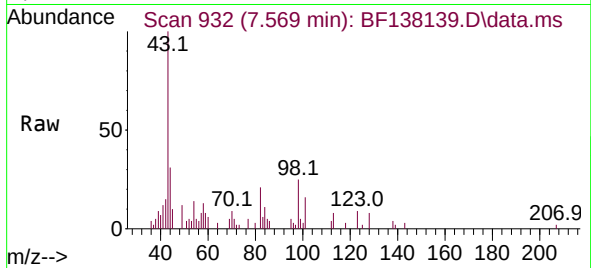




#26
2-Nitrophenol
Concen: 5.057 ng
RT: 7.569 min Scan# 911
Delta R.T. -0.235 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

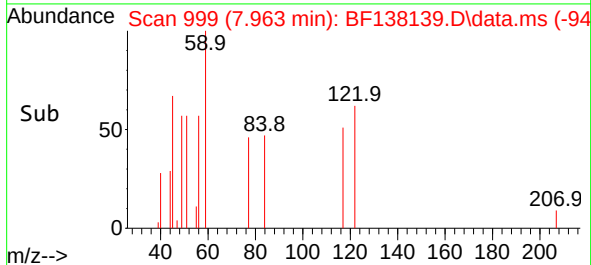
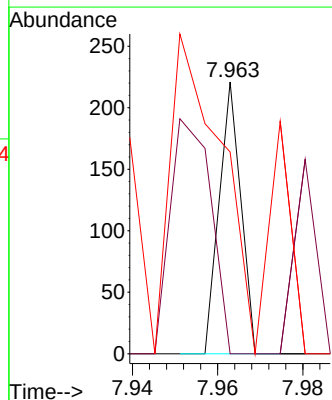
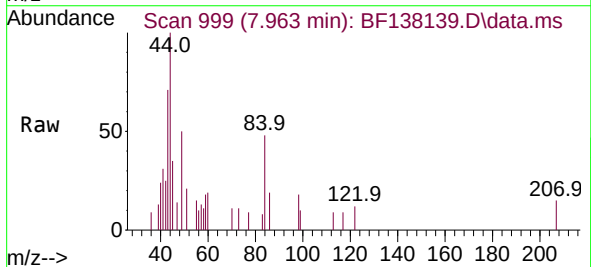
Instrument :
BNA_F
ClientSampleId :
WCS-TPM

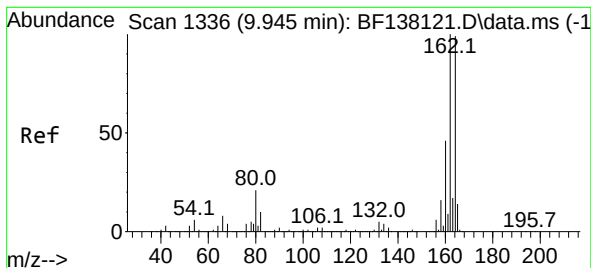
Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.6#
65 0.0 40.1 60.1#



#32
Benzoic acid
Concen: 7.940 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 0.0 102.8 142.8#
77 74.2 71.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

Instrument :

BNA_F

ClientSampleId :

WCS-TPM

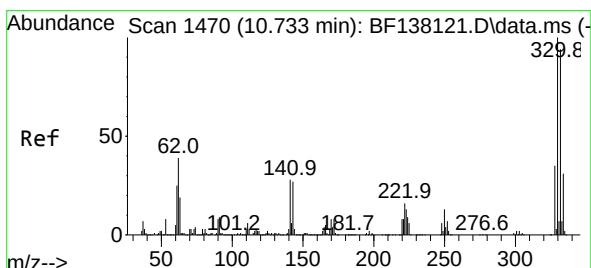
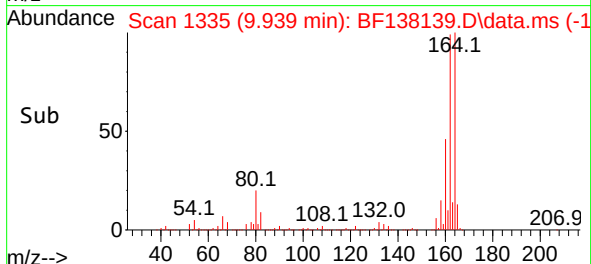
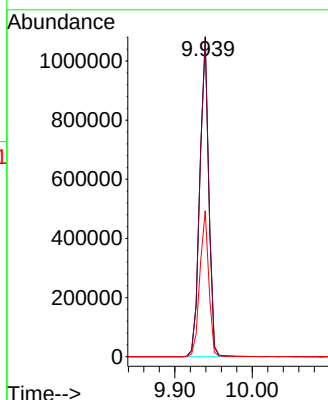
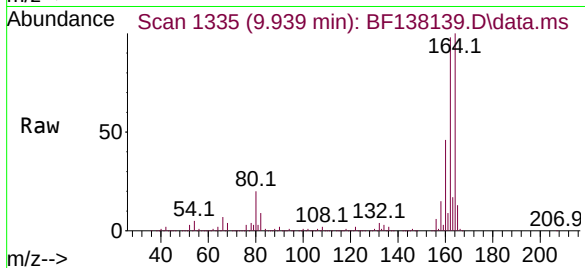
Tgt Ion:164 Resp: 866791

Ion Ratio Lower Upper

164 100

162 98.5 80.9 121.3

160 45.6 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 137.889 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

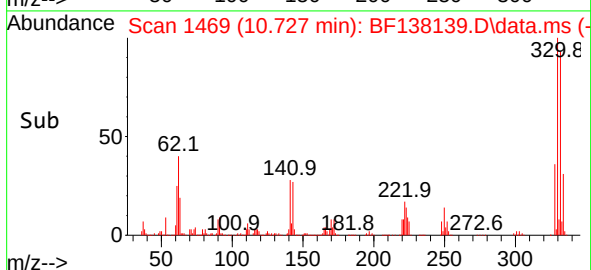
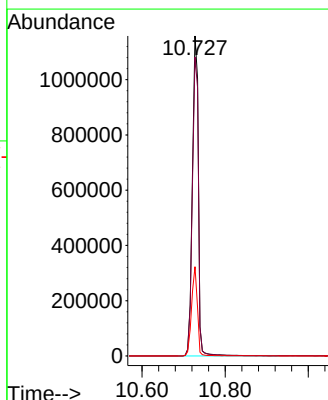
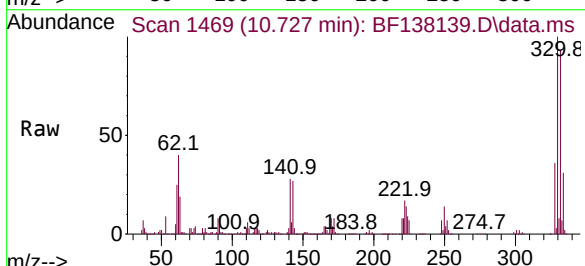
Tgt Ion:330 Resp: 1150240

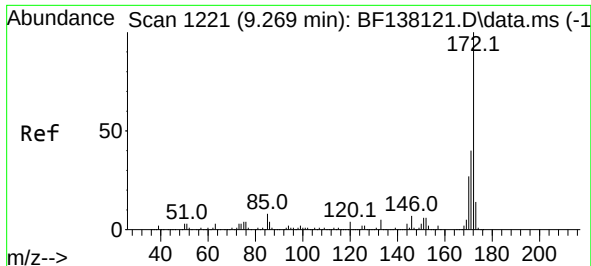
Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.8

141 27.2 23.2 34.8

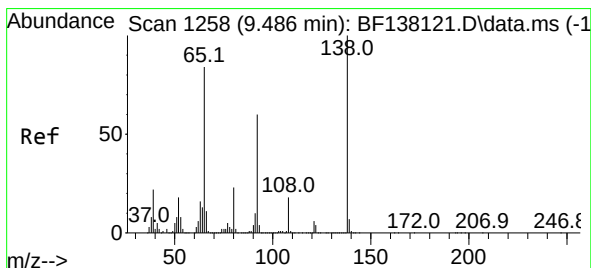
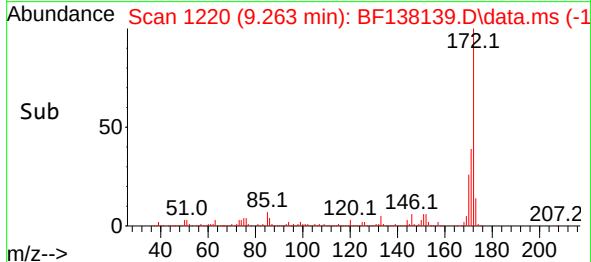
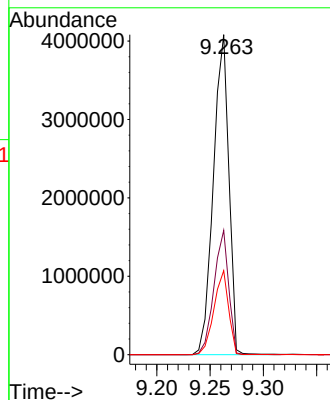
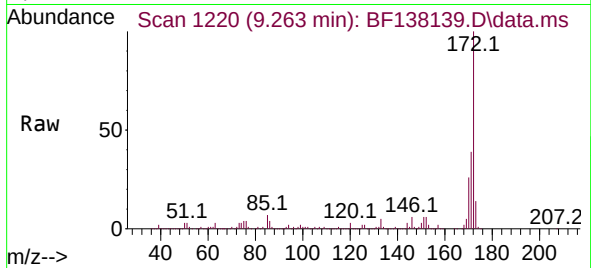




#45
2-Fluorobiphenyl
Concen: 83.026 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

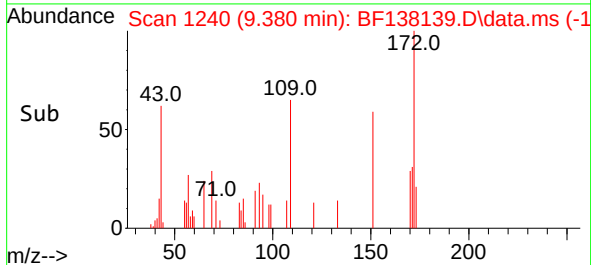
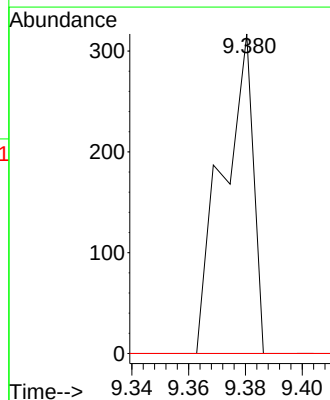
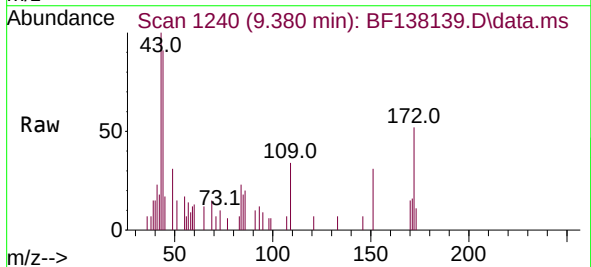
Instrument :
BNA_F
ClientSampleId :
WCS-TPM

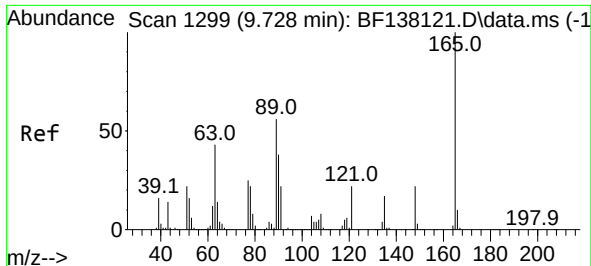
Tgt Ion:172 Resp: 4115766
Ion Ratio Lower Upper
172 100
171 38.9 31.6 47.4
170 26.3 21.4 32.2



#48
2-Nitroaniline
Concen: 4.815 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.106 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

Tgt Ion: 65 Resp: 237
Ion Ratio Lower Upper
65 100
92 0.0 57.3 85.9#
138 0.0 95.4 143.2#

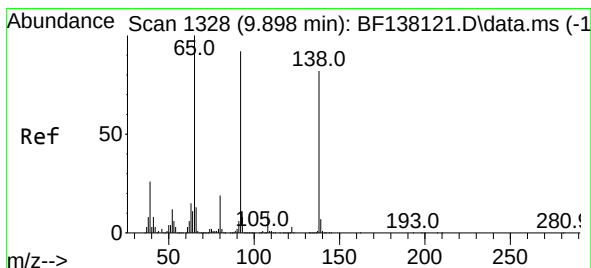
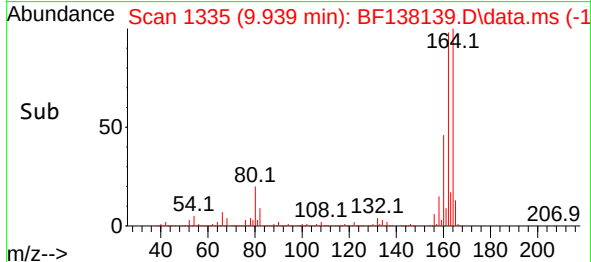
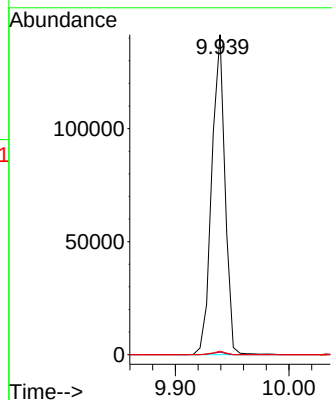
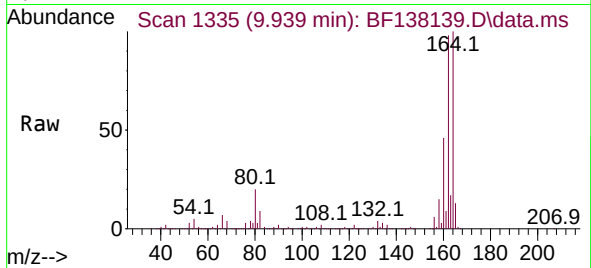




#51
2,6-Dinitrotoluene
Concen: 12.396 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

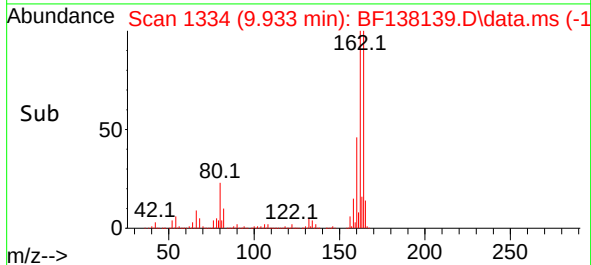
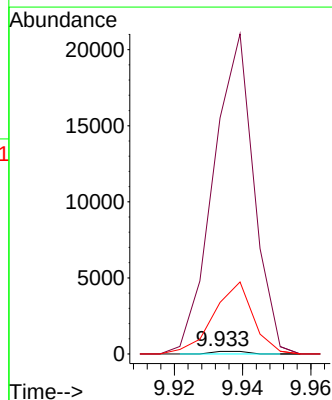
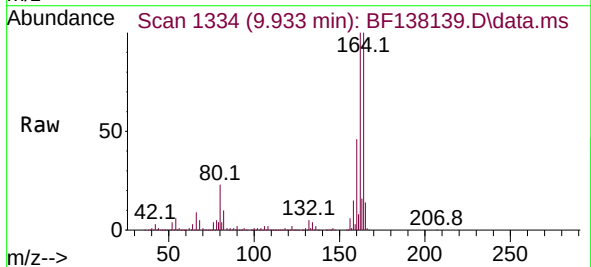
Instrument :
BNA_F
ClientSampleId :
WCS-TPM

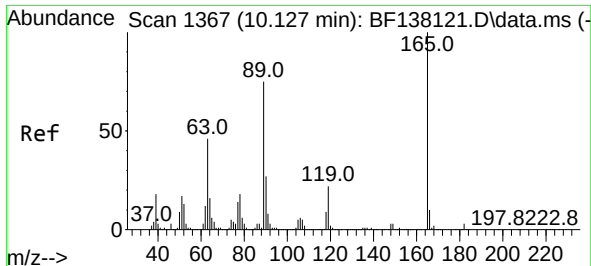
Tgt Ion:165 Resp: 114416
Ion Ratio Lower Upper
165 100
63 0.8 42.9 64.3#
89 1.1 45.0 67.4#



#53
3-Nitroaniline
Concen: 2.954 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.035 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

Tgt Ion:138 Resp: 119
Ion Ratio Lower Upper
138 100
108 9175.7 10.3 15.5#
92 2006.5 89.5 134.3#

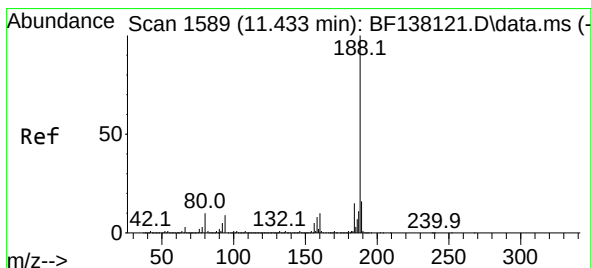
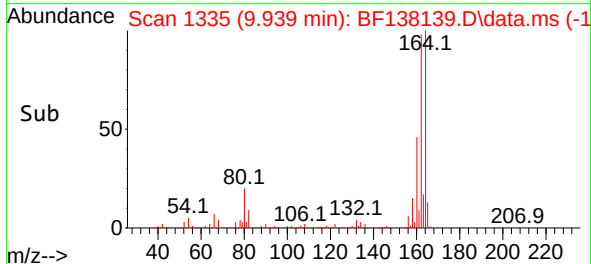
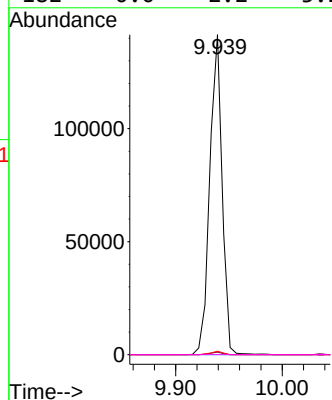
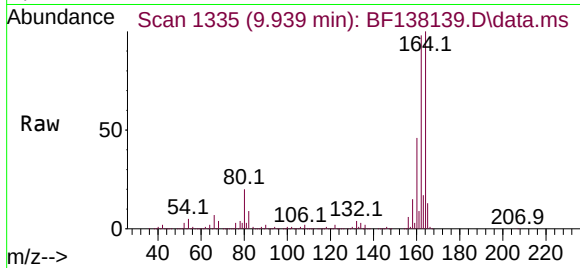




#57
2,4-Dinitrotoluene
Concen: 11.273 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

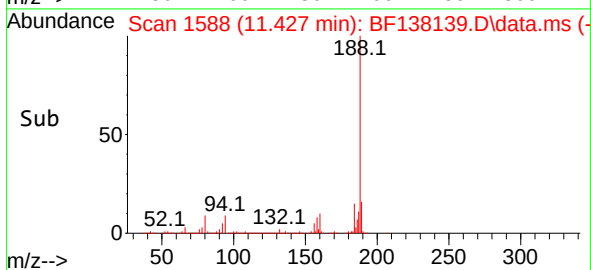
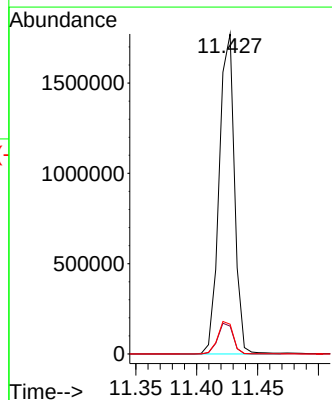
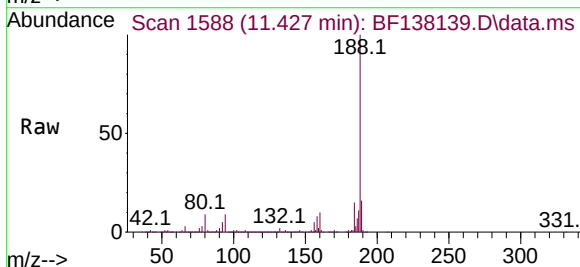
Instrument :
BNA_F
ClientSampleId :
WCS-TPM

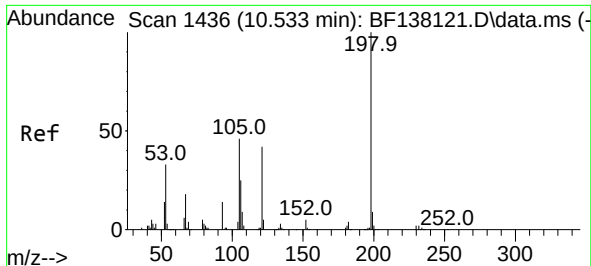
Tgt Ion:165 Resp: 114397
Ion Ratio Lower Upper
165 100
63 0.8 36.8 55.2#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

Tgt Ion:188 Resp: 1553561
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.3 7.7 11.5

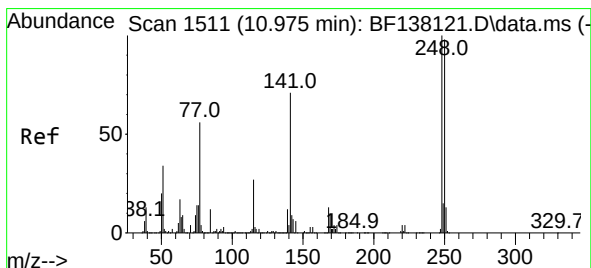
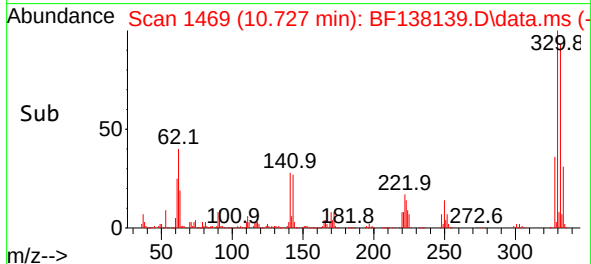
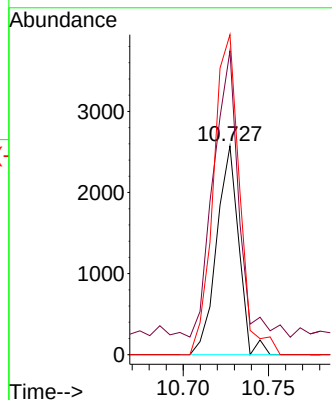
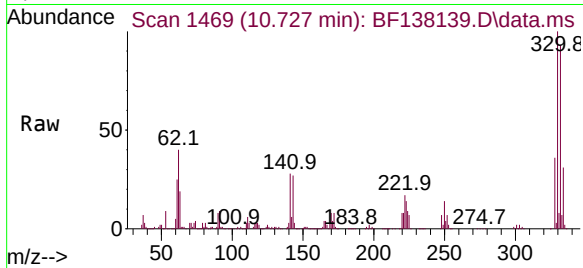




#65
4,6-Dinitro-2-methylphenol
Concen: 8.802 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

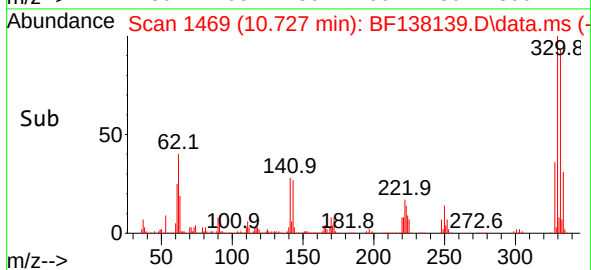
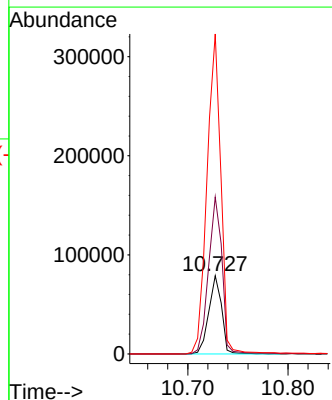
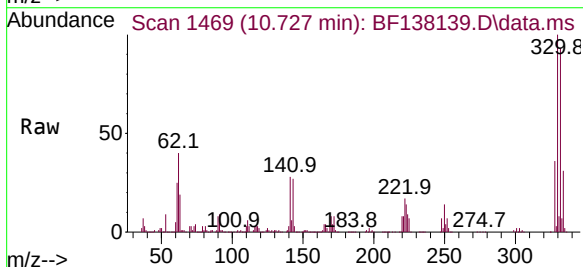
Instrument :
BNA_F
ClientSampleId :
WCS-TPM

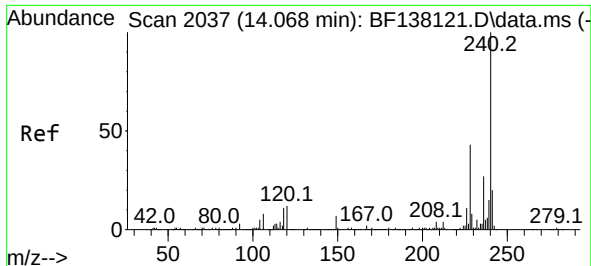
Tgt Ion:198 Resp: 2324
Ion Ratio Lower Upper
198 100
51 145.6 28.2 68.2#
105 153.4 26.8 66.8#



#67
4-Bromophenyl-phenylether
Concen: 4.001 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

Tgt Ion:248 Resp: 70771
Ion Ratio Lower Upper
248 100
250 200.7 78.7 118.1#
141 409.3 56.5 84.7#

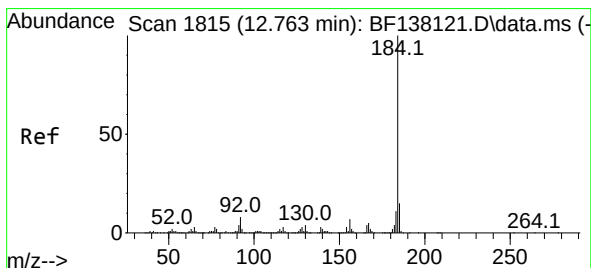
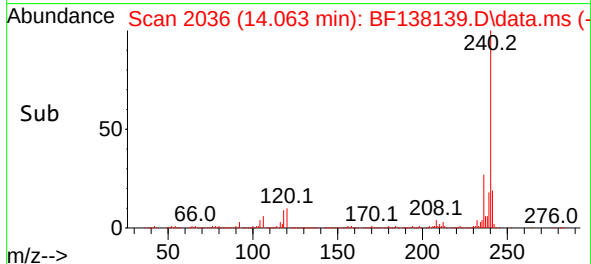
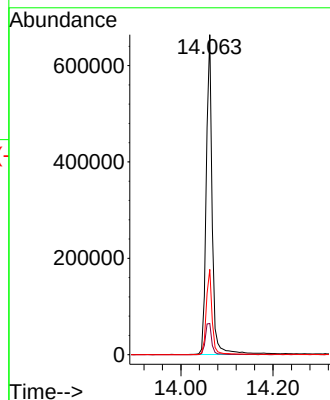
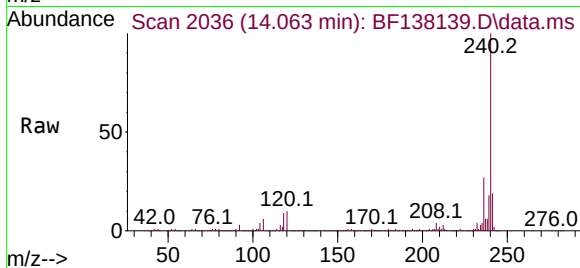




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

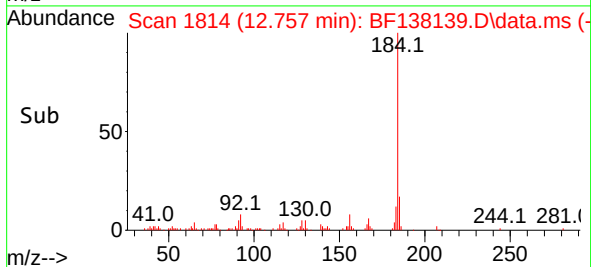
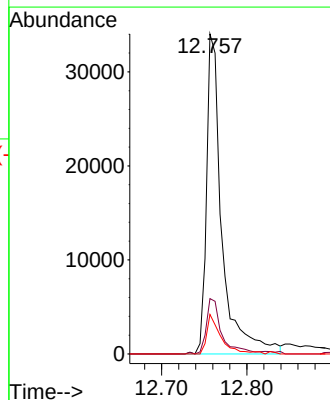
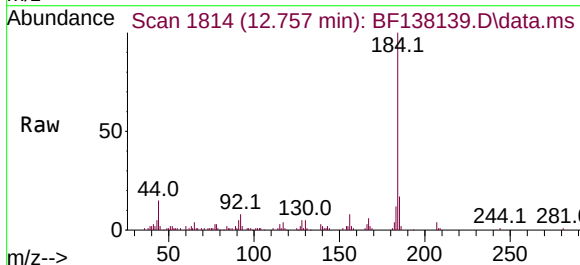
Instrument :
BNA_F
ClientSampleId :
WCS-TPM

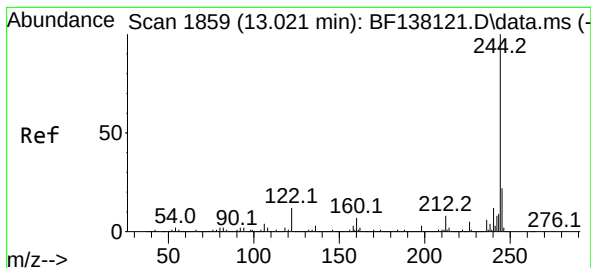
Tgt Ion:240 Resp: 604978
Ion Ratio Lower Upper
240 100
120 9.8 9.8 14.8#
236 26.7 21.2 31.8



#77
Benzidine
Concen: 6.877 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF138139.D
Acq: 06 Jun 2024 18:13

Tgt Ion:184 Resp: 42811
Ion Ratio Lower Upper
184 100
185 17.3 12.2 18.2
183 12.4 9.0 13.4





#79

Terphenyl-d14

Concen: 115.406 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

Instrument :

BNA_F

ClientSampleId :

WCS-TPM

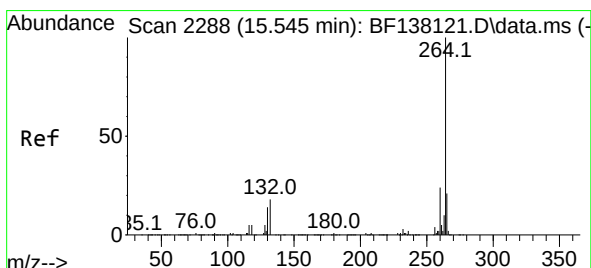
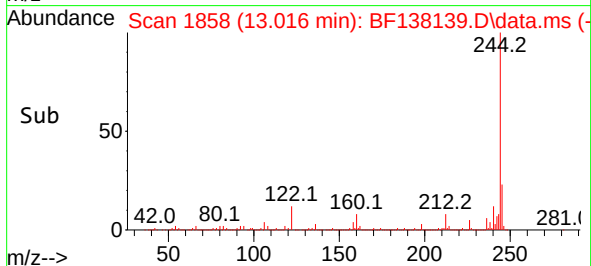
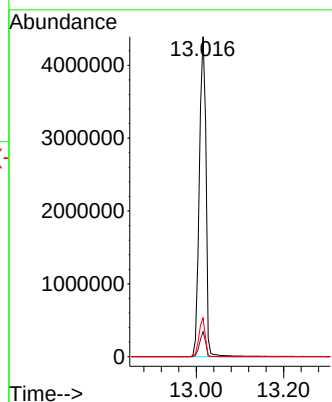
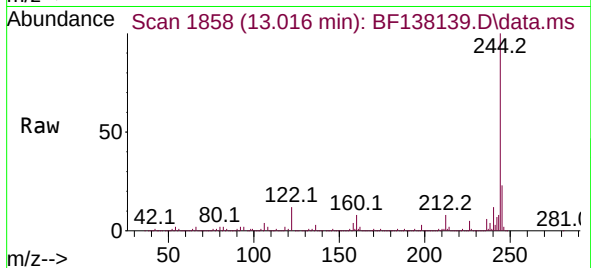
Tgt Ion:244 Resp: 4667814

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 12.1 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: BF138139.D

Acq: 06 Jun 2024 18:13

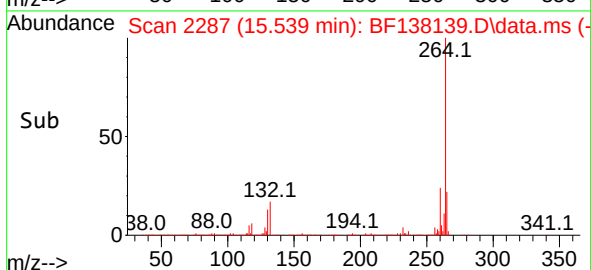
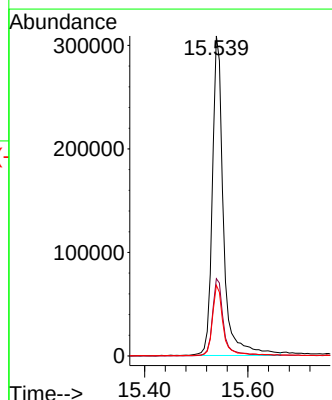
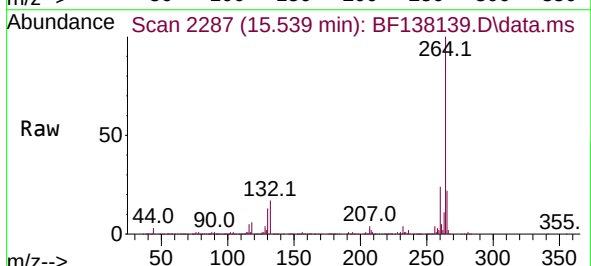
Tgt Ion:264 Resp: 463036

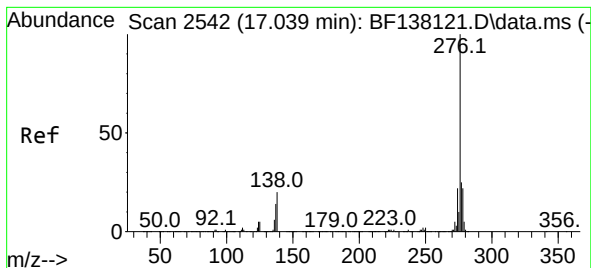
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.114 ng

RT: 16.998 min Scan# 2535

Delta R.T. -0.041 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

Instrument :

BNA_F

ClientSampleId :

WCS-TPM

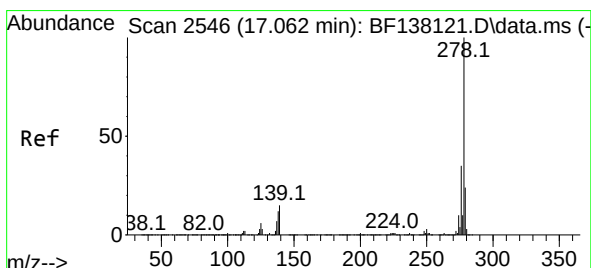
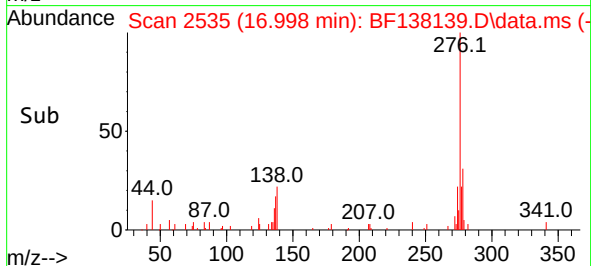
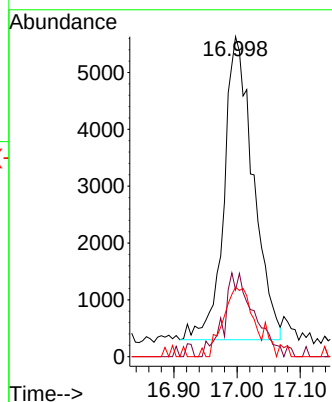
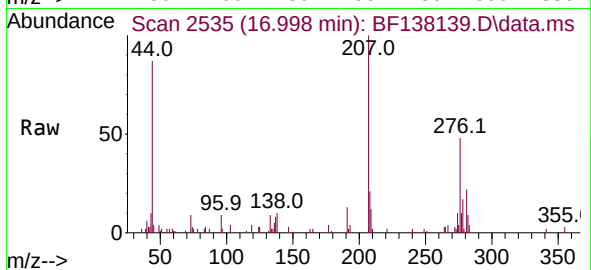
Tgt Ion:276 Resp: 17171

Ion Ratio Lower Upper

276 100

138 28.3 18.9 28.3

277 22.6 20.3 30.5



#91

Dibenzo(a,h)anthracene

Concen: 4.420 ng

RT: 17.021 min Scan# 2539

Delta R.T. -0.041 min

Lab File: BF138139.D

Acq: 06 Jun 2024 18:13

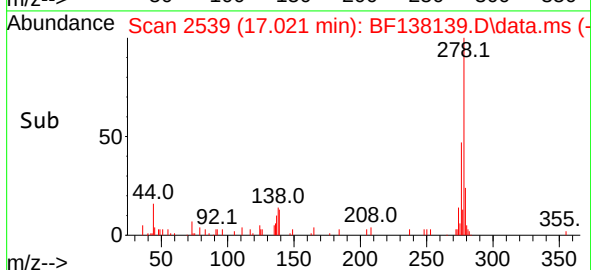
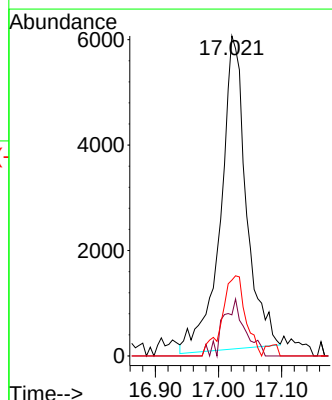
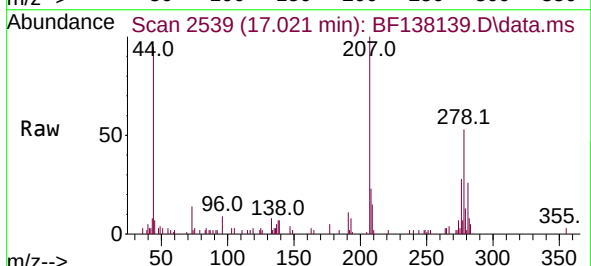
Tgt Ion:278 Resp: 16693

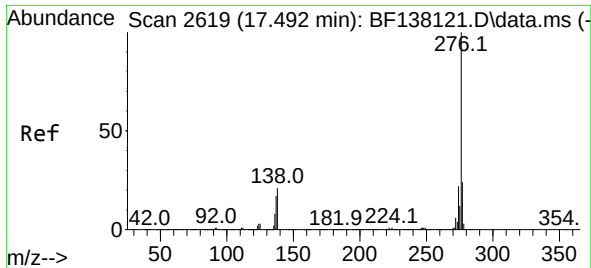
Ion Ratio Lower Upper

278 100

139 12.9 11.7 17.5

279 23.7 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.448 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.047 min
 Lab File: BF138139.D
 Acq: 06 Jun 2024 18:13

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPM

Tgt Ion:	276	Resp:	10361
Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.0	28.4
138	17.6	16.5	24.7

