

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138133.D
 Acq On : 06 Jun 2024 15:11
 Operator : CG\JU
 Sample : P2704-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPO

Quant Time: Jun 06 15:34:53 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)

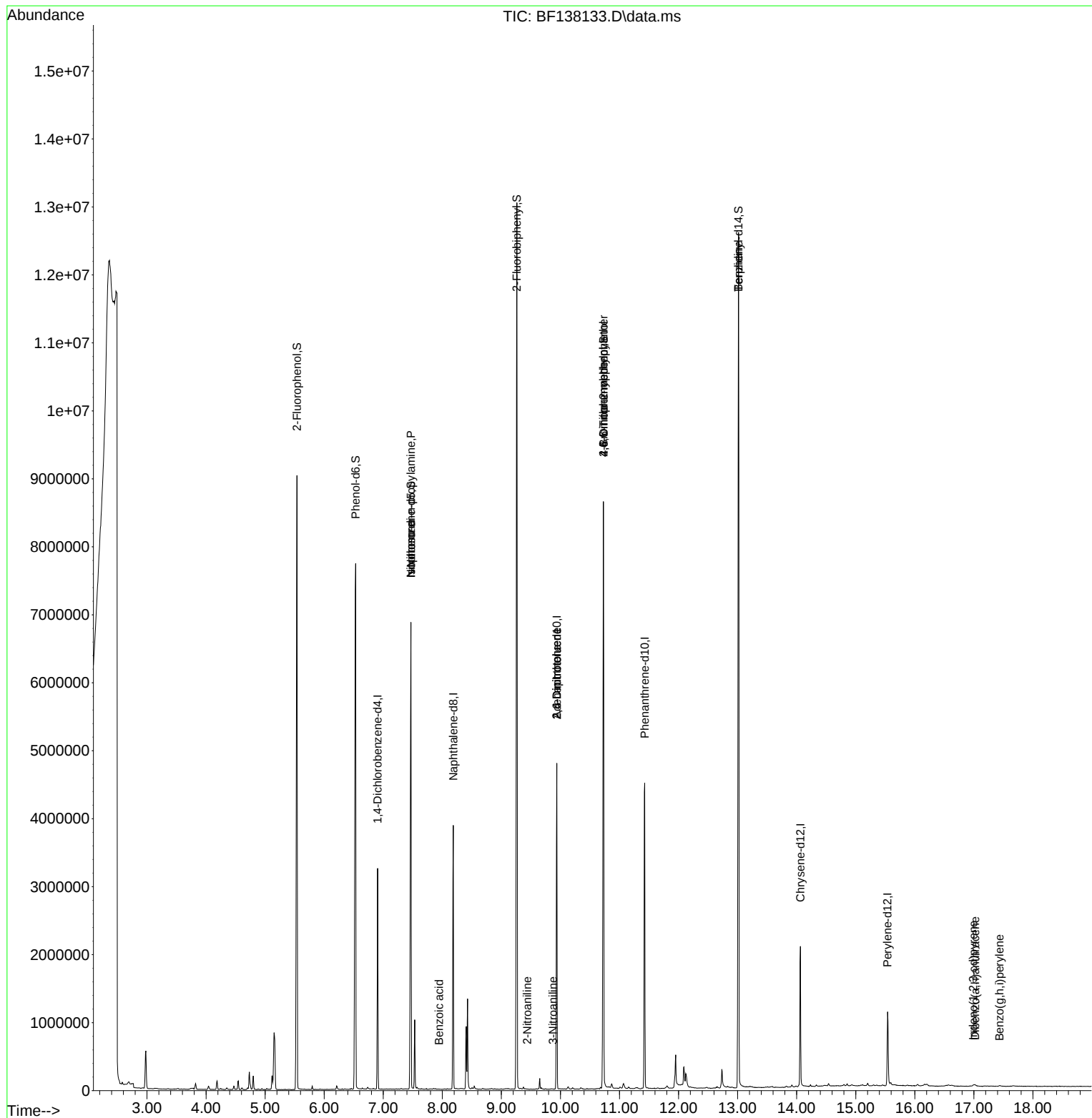
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	421963	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1625351	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	953128	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1719358	20.000	ng	0.00
76) Chrysene-d12	14.063	240	718416	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	555254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2854240	115.278	ng	0.01
7) Phenol-d6	6.534	99	3390646	108.235	ng	0.00
23) Nitrobenzene-d5	7.469	82	2295053	96.071	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	1288248	140.445	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4405258	80.816	ng	0.00
79) Terphenyl-d14	13.016	244	5052925	105.201	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	961	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.469	70	313948	15.717	ng	# 78
25) Isophorone	7.469	82	2293470	43.578	ng	# 63
32) Benzoic acid	7.945	122	136	7.944	ng	# 32
48) 2-Nitroaniline	9.439	65	991	4.864	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	124400	12.295	ng	# 25
53) 3-Nitroaniline	9.875	138	214	2.960	ng	# 3
57) 2,4-Dinitrotoluene	9.939	165	124400	11.190	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.727	198	2770	8.834	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	82933	4.236	ng	# 1
77) Benzidine	13.016	184	66811	9.037	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.992	276	17936	4.033	ng	# 88
91) Dibenzo(a,h)anthracene	17.021	278	17284	4.315	ng	100
92) Benzo(g,h,i)perylene	17.433	276	11613	3.418	ng	96

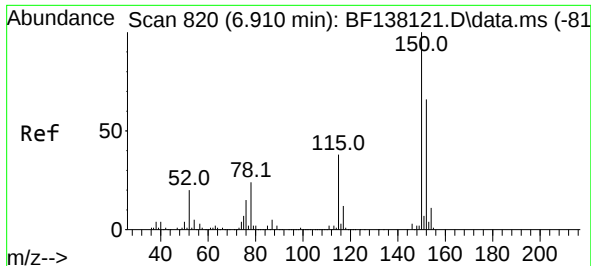
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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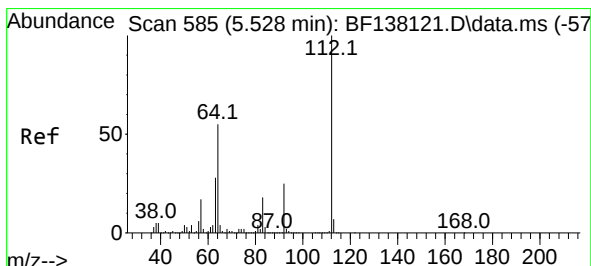
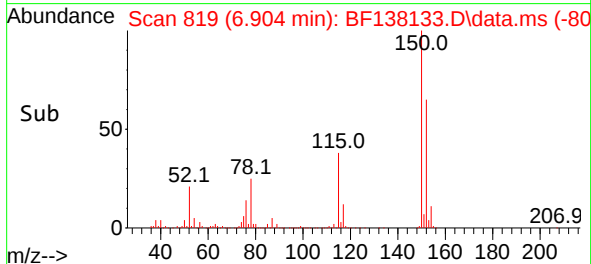
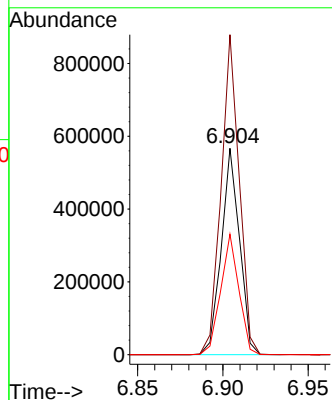
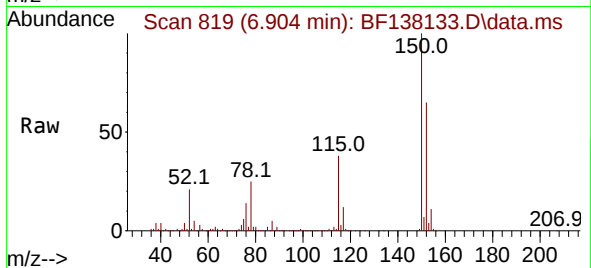




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138133.D
 Acq: 06 Jun 2024 15:11

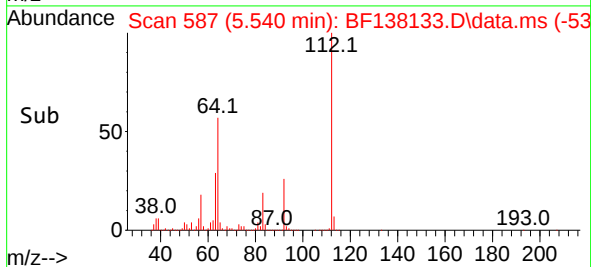
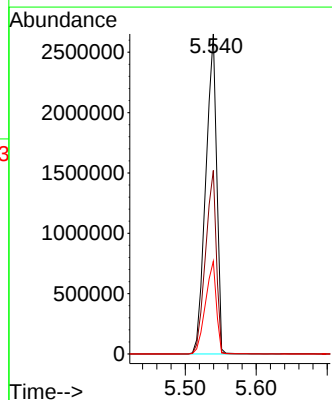
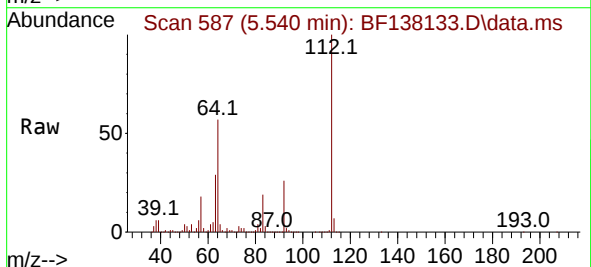
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPO

Tgt Ion:152 Resp: 421963
 Ion Ratio Lower Upper
 152 100
 150 155.0 121.8 182.6
 115 58.3 46.2 69.2



#5
 2-Fluorophenol
 Concen: 115.278 ng
 RT: 5.540 min Scan# 587
 Delta R.T. 0.012 min
 Lab File: BF138133.D
 Acq: 06 Jun 2024 15:11

Tgt Ion:112 Resp: 2854240
 Ion Ratio Lower Upper
 112 100
 64 57.4 44.0 66.0
 63 29.0 22.1 33.1

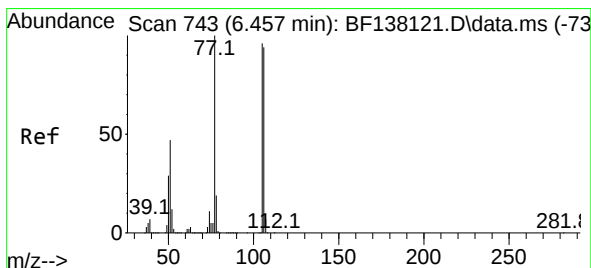
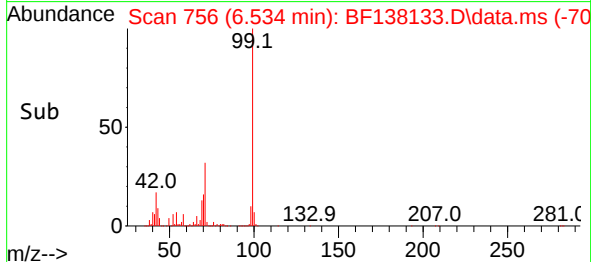
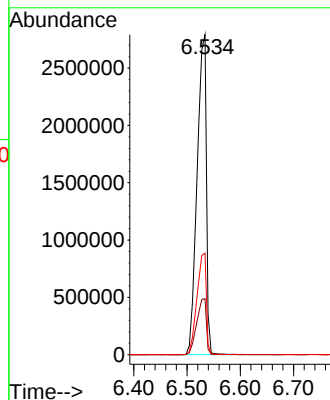
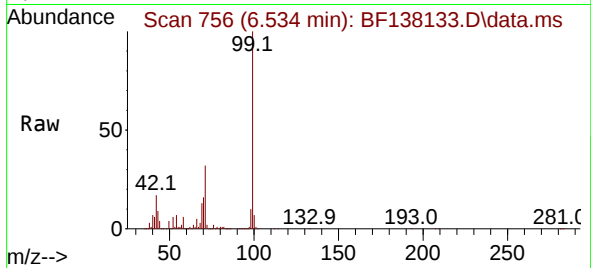




#7
Phenol-d6
Concen: 108.235 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

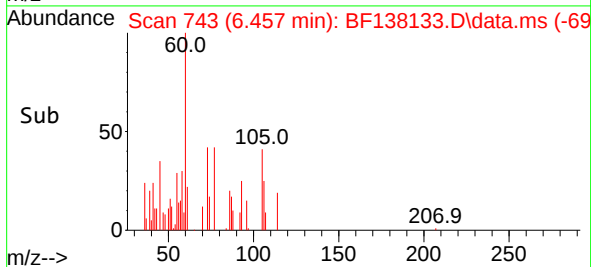
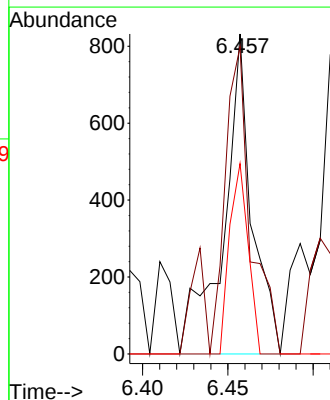
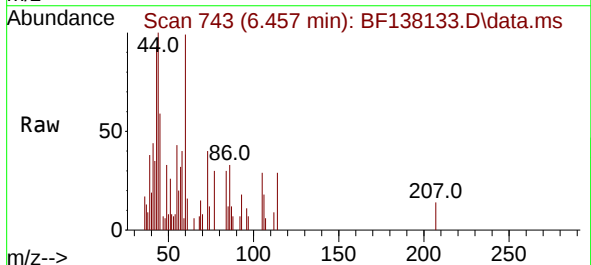
Instrument :
BNA_F
ClientSampleId :
WCS-TPO

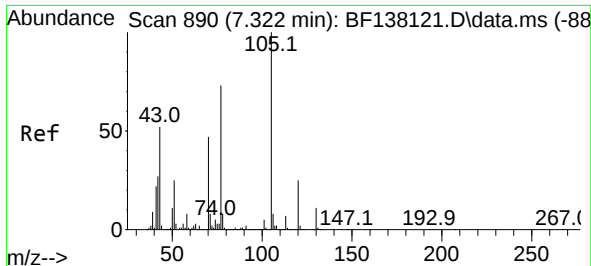
Tgt Ion: 99 Resp: 3390646
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 31.7 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion: 77 Resp: 961
Ion Ratio Lower Upper
77 100
105 96.0 75.8 115.8
106 59.5 73.9 113.9#

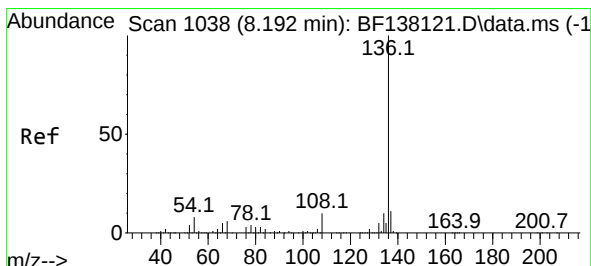
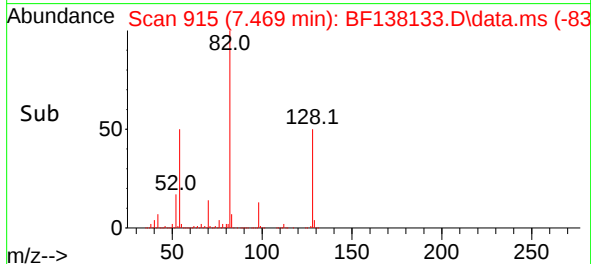
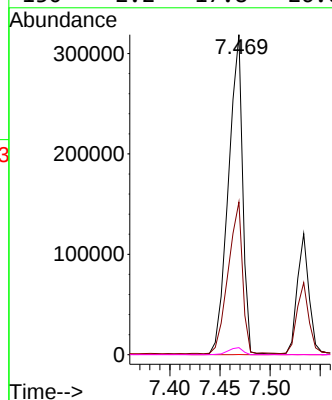
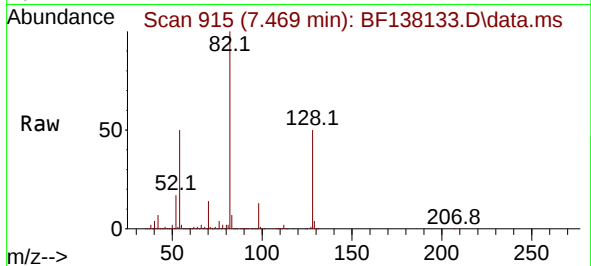




#19
n-Nitroso-di-n-propylamine
Concen: 15.717 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

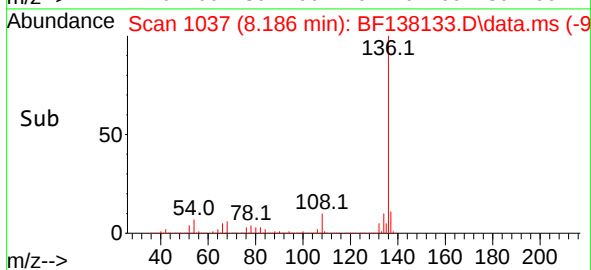
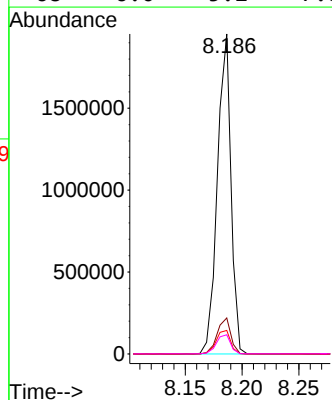
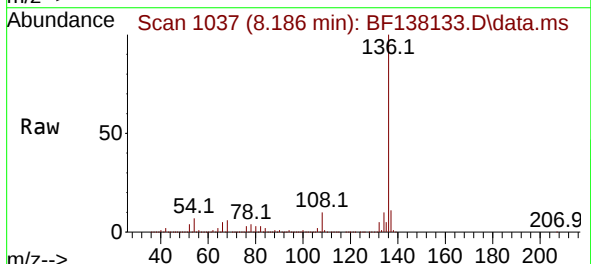
Instrument :
BNA_F
ClientSampleId :
WCS-TPO

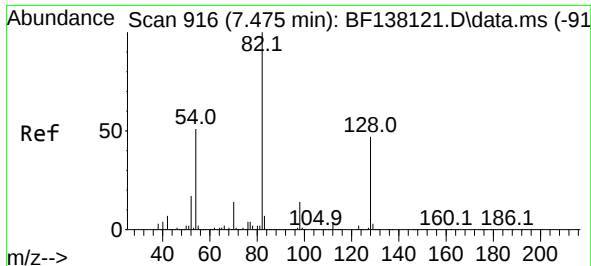
Tgt Ion: 70 Resp: 313948
Ion Ratio Lower Upper
70 100
42 47.7 46.3 69.5
101 0.0 7.7 11.5#
130 2.2 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion: 136 Resp: 1625351
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 6.2 9.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 96.071 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138133.D

Acq: 06 Jun 2024 15:11

Instrument :

BNA_F

ClientSampleId :

WCS-TPO

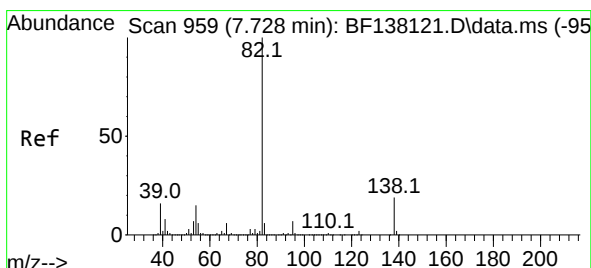
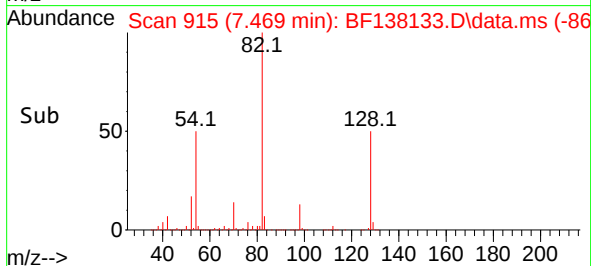
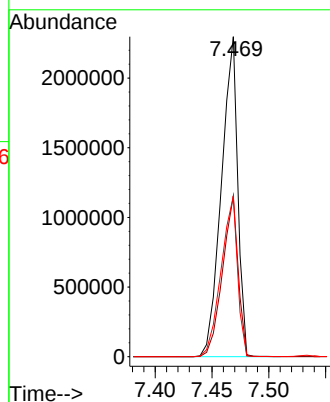
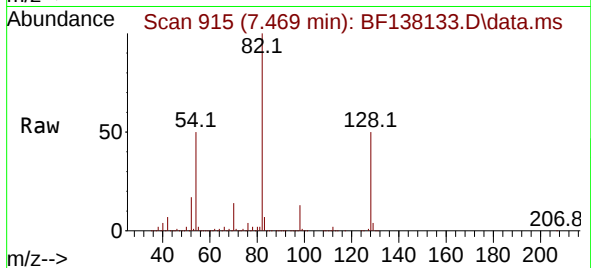
Tgt Ion: 82 Resp: 2295053

Ion Ratio Lower Upper

82 100

128 50.2 37.7 56.5

54 50.2 40.8 61.2



#25

Isophorone

Concen: 43.578 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.259 min

Lab File: BF138133.D

Acq: 06 Jun 2024 15:11

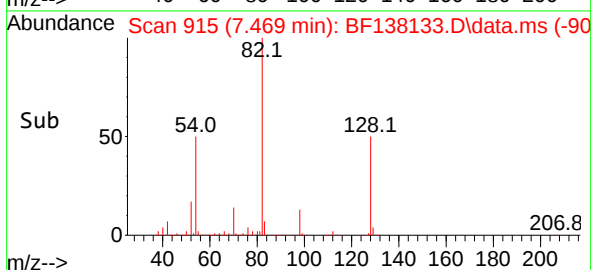
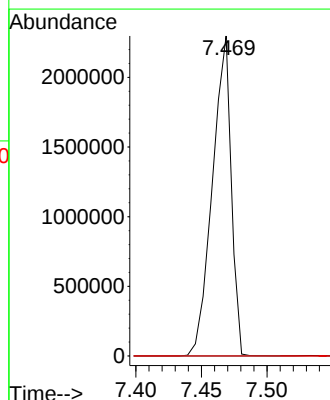
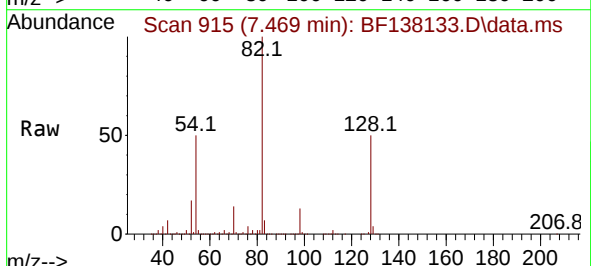
Tgt Ion: 82 Resp: 2293470

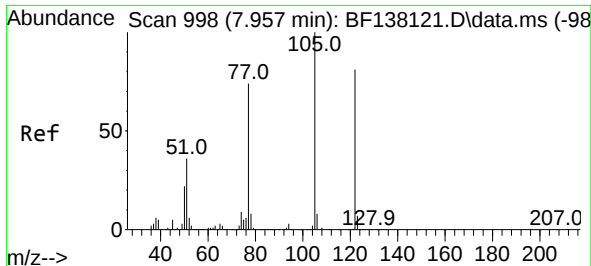
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.5 23.3#

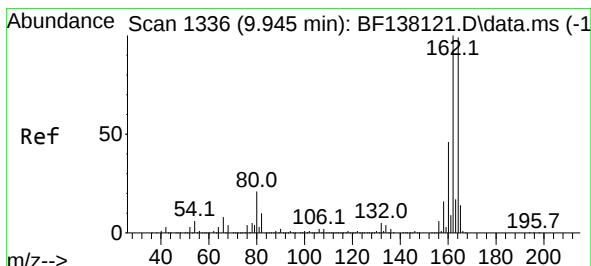
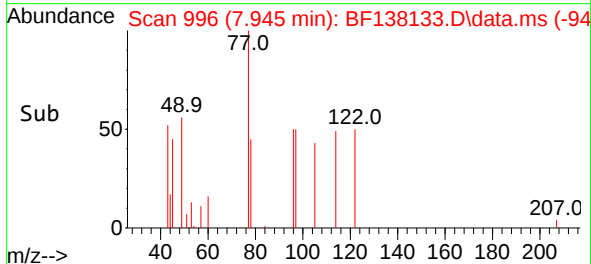
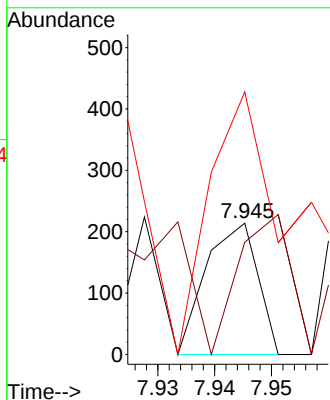
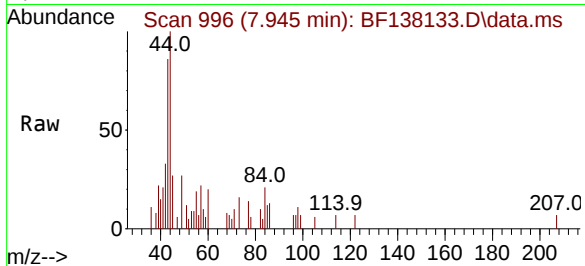




#32
Benzoic acid
Concen: 7.944 ng
RT: 7.945 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

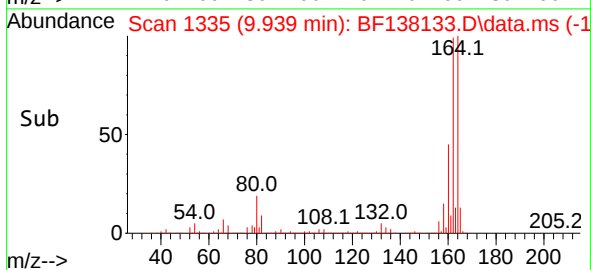
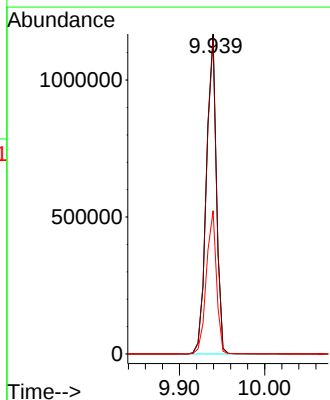
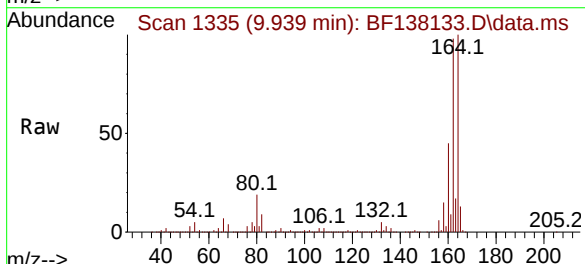
Instrument :
BNA_F
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WCS-TPO

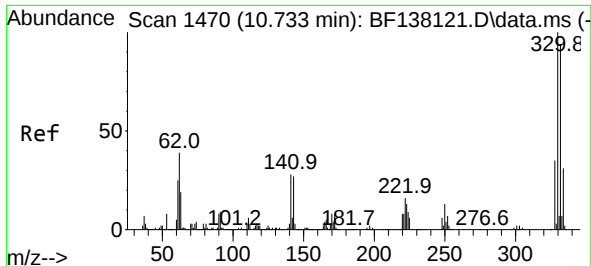
Tgt Ion:122 Resp: 136
Ion Ratio Lower Upper
122 100
105 85.5 102.8 142.8#
77 200.0 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion:164 Resp: 953128
Ion Ratio Lower Upper
164 100
162 98.3 80.9 121.3
160 44.8 37.0 55.6

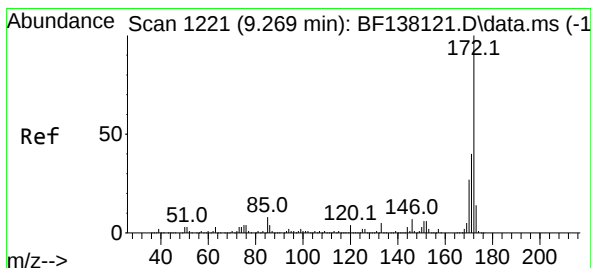
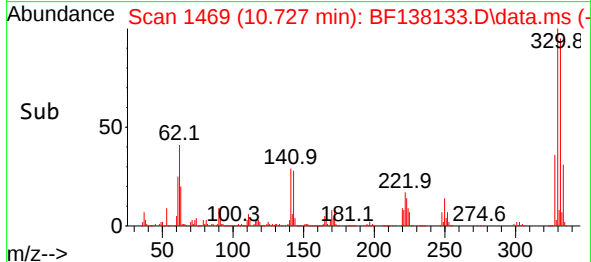
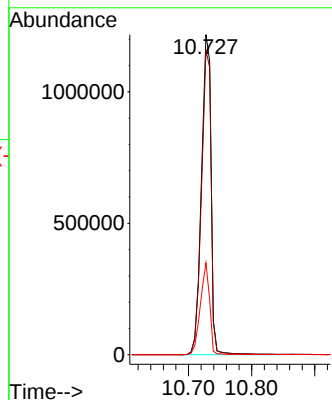
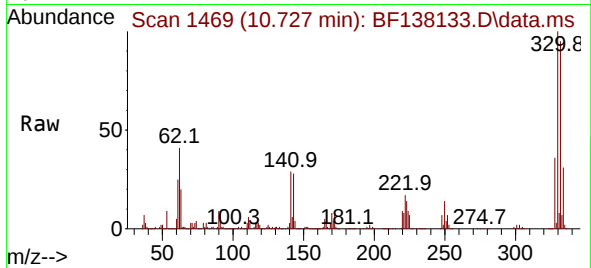




#42
2,4,6-Tribromophenol
Concen: 140.445 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

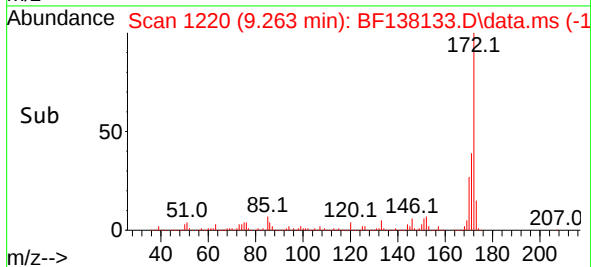
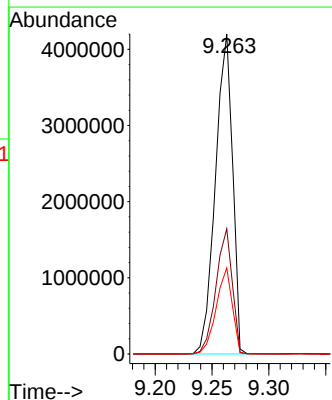
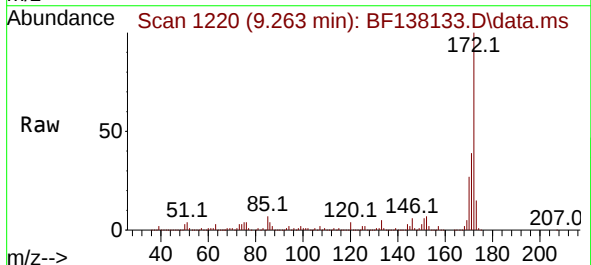
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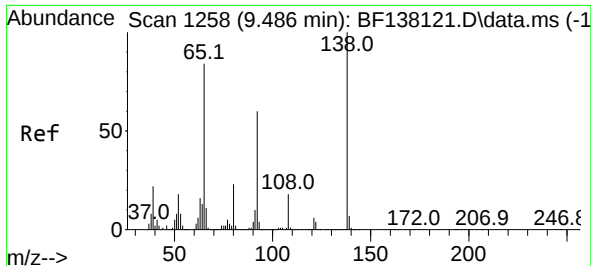
Tgt Ion:330 Resp: 1288248
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.8
141 27.5 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 80.816 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion:172 Resp: 4405258
Ion Ratio Lower Upper
172 100
171 39.1 31.6 47.4
170 26.9 21.4 32.2

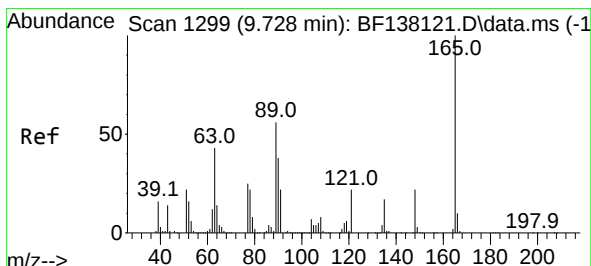
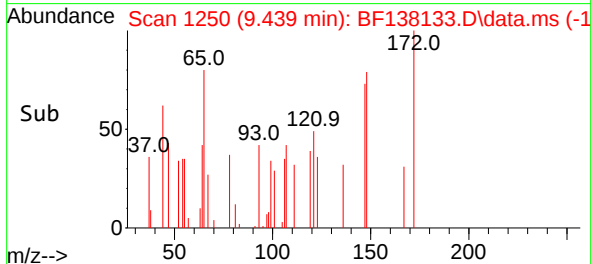
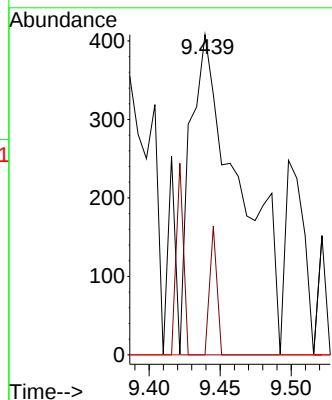
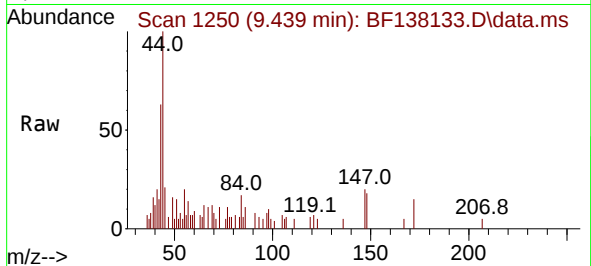




#48
2-Nitroaniline
Concen: 4.864 ng
RT: 9.439 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

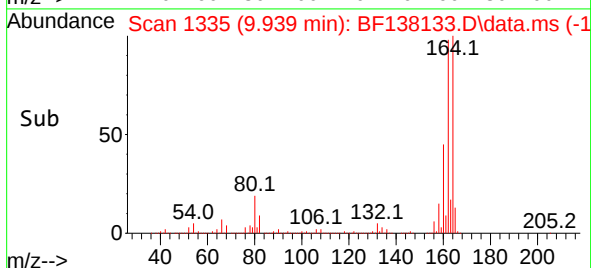
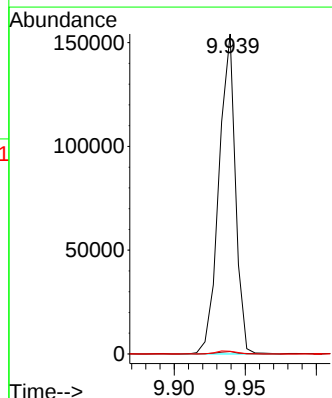
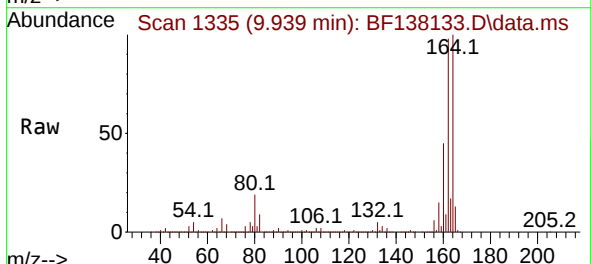
Instrument :
BNA_F
ClientSampleId :
WCS-TPO

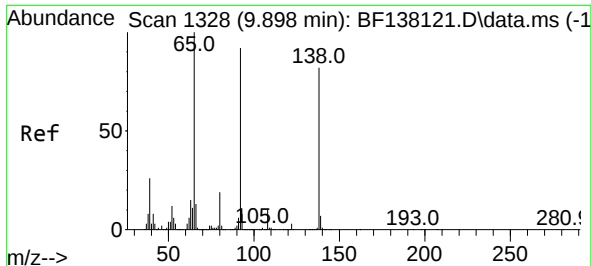
Tgt Ion: 65 Resp: 991
Ion Ratio Lower Upper
65 100
92 0.0 57.3 85.9#
138 0.0 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.295 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.211 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion: 165 Resp: 124400
Ion Ratio Lower Upper
165 100
63 0.7 42.9 64.3#
89 0.9 45.0 67.4#

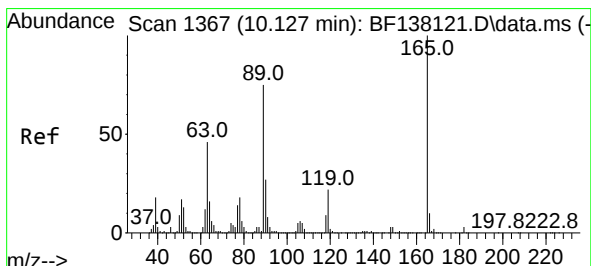
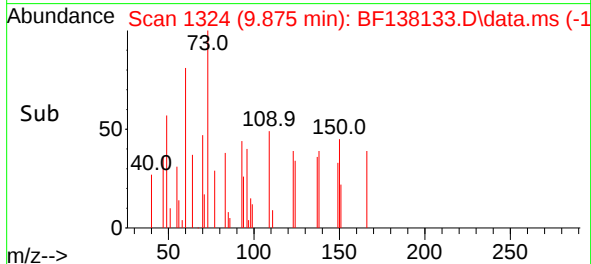
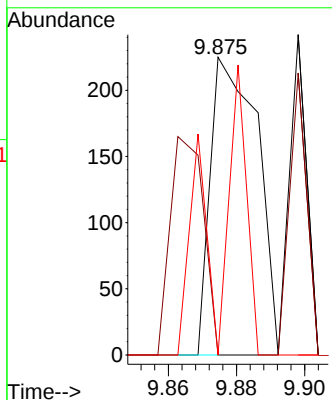
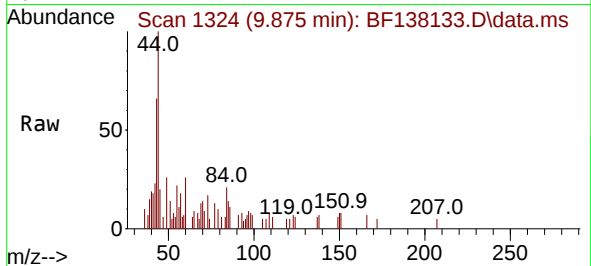




#53
3-Nitroaniline
Concen: 2.960 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

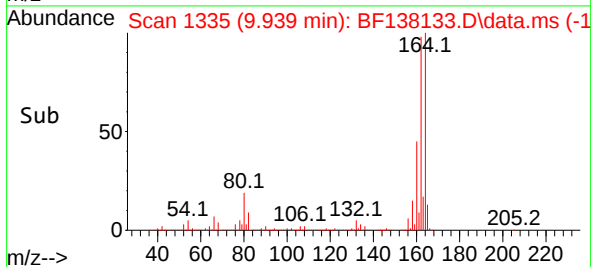
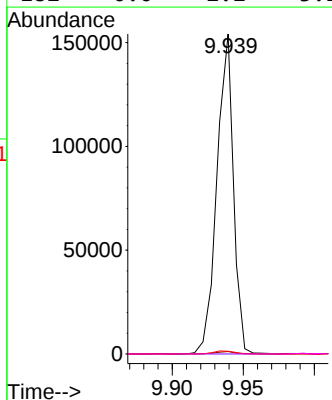
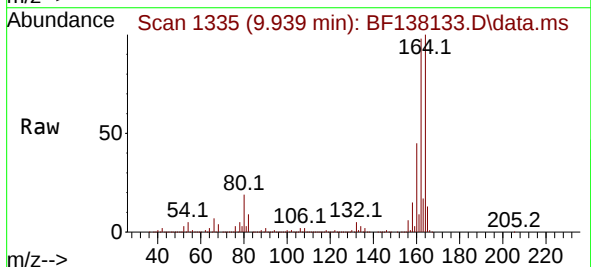
Instrument :
BNA_F
ClientSampleId :
WCS-TPO

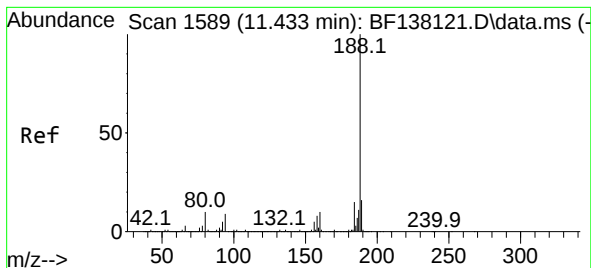
Tgt Ion:138 Resp: 214
Ion Ratio Lower Upper
138 100
108 0.0 10.3 15.5#
92 0.0 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.190 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion:165 Resp: 124400
Ion Ratio Lower Upper
165 100
63 0.7 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# 1

Delta R.T. -0.006 min

Lab File: BF138133.D

Acq: 06 Jun 2024 15:11

Instrument :

BNA_F

ClientSampleId :

WCS-TPO

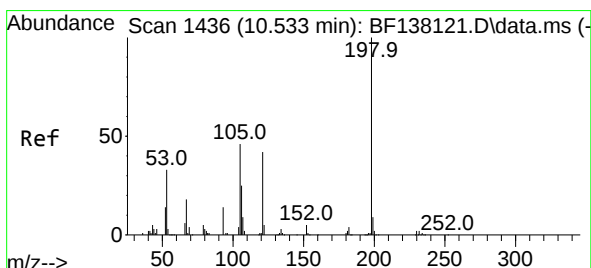
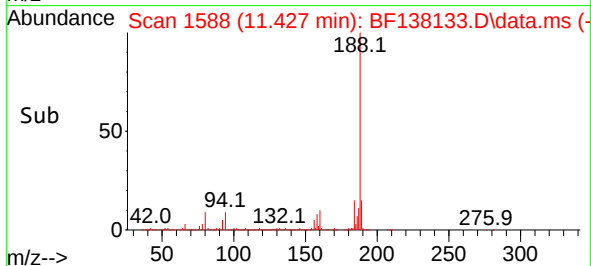
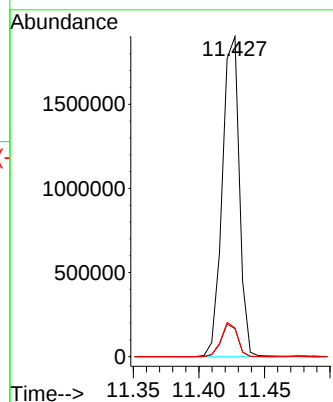
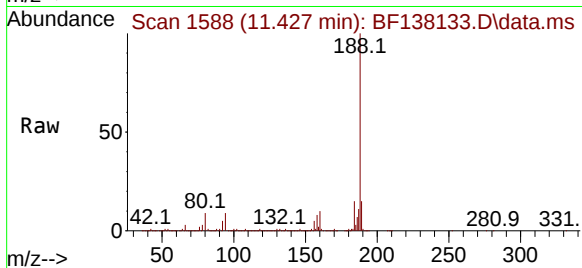
Tgt Ion:188 Resp: 1719358

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.0 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.834 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.194 min

Lab File: BF138133.D

Acq: 06 Jun 2024 15:11

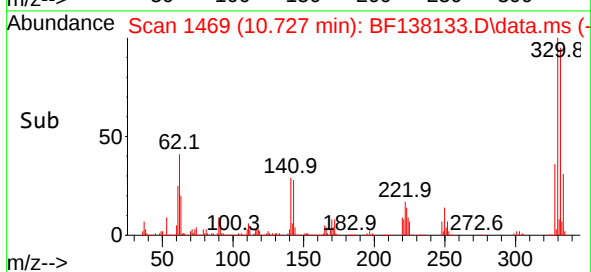
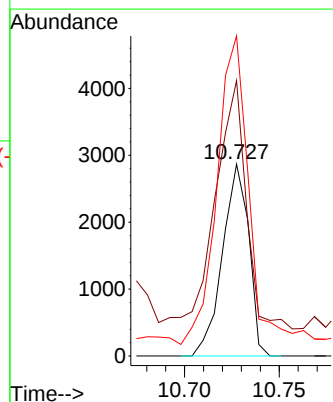
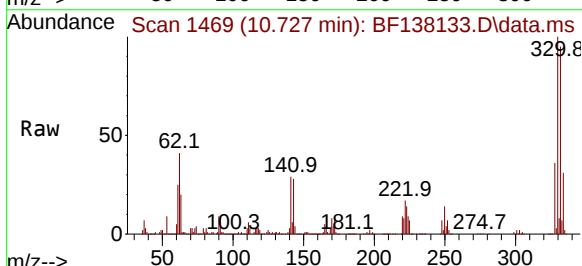
Tgt Ion:198 Resp: 2770

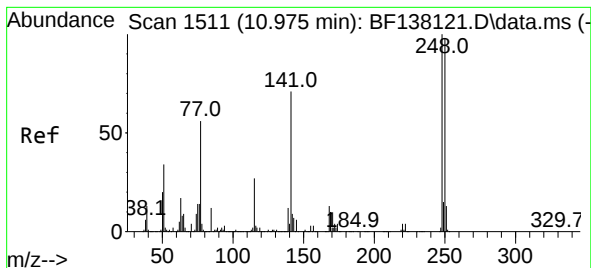
Ion Ratio Lower Upper

198 100

51 143.5 28.2 68.2#

105 166.8 26.8 66.8#

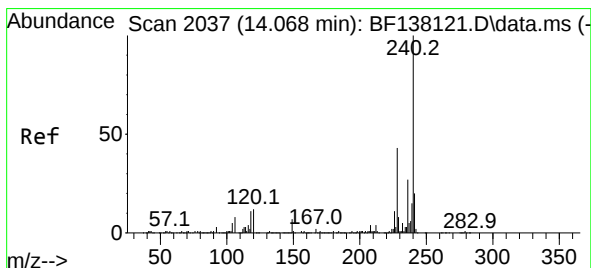
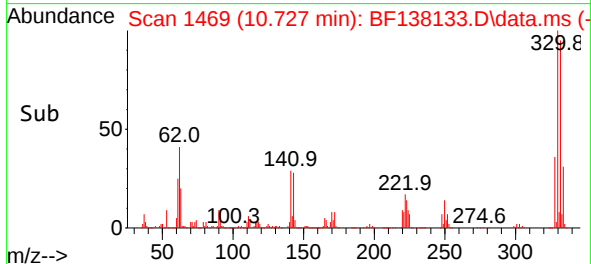
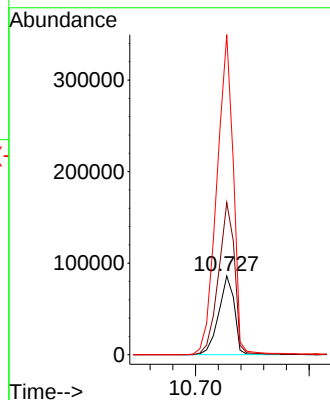
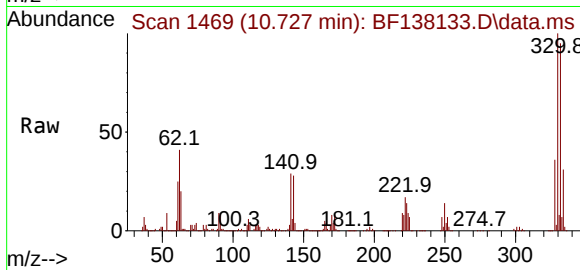




#67
4-Bromophenyl-phenylether
Concen: 4.236 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

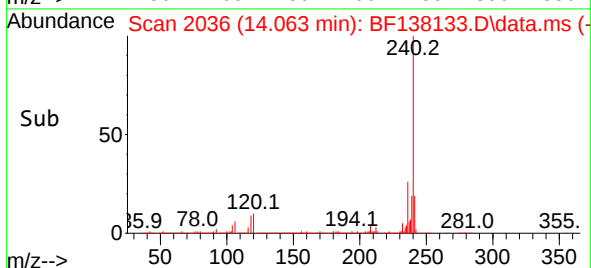
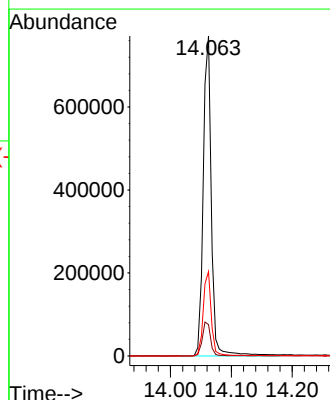
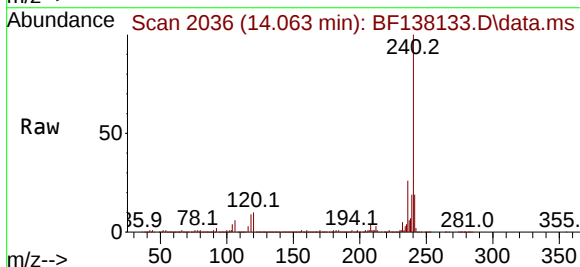
Instrument :
BNA_F
ClientSampleId :
WCS-TPO

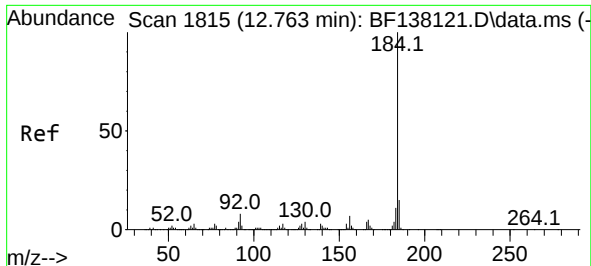
Tgt Ion:248 Resp: 82933
Ion Ratio Lower Upper
248 100
250 193.4 78.7 118.1#
141 406.7 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion:240 Resp: 718416
Ion Ratio Lower Upper
240 100
120 9.8 9.8 14.8#
236 26.4 21.2 31.8

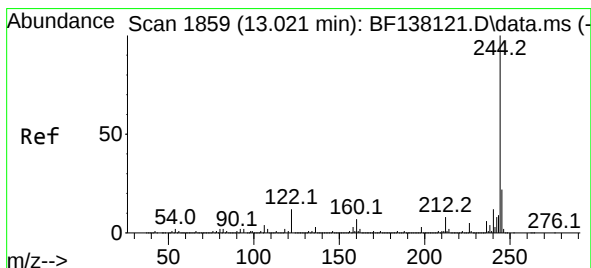
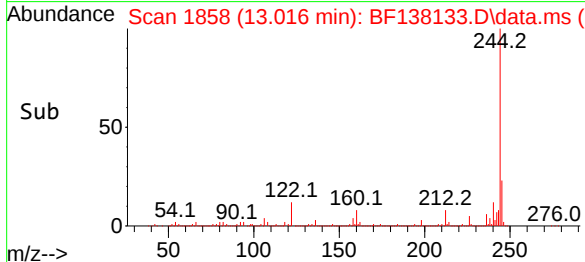
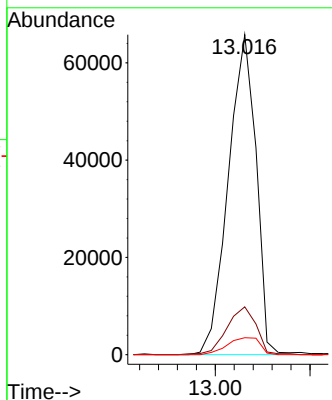
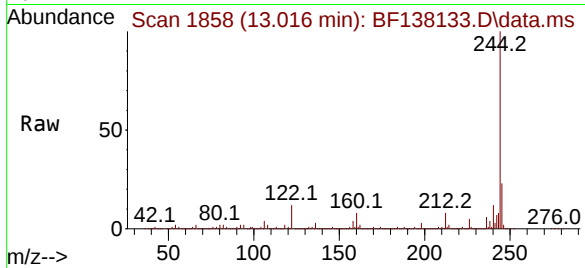




#77
Benzidine
Concen: 9.037 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

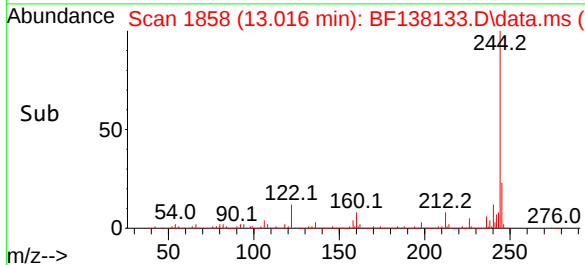
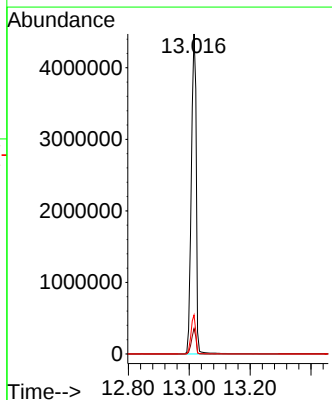
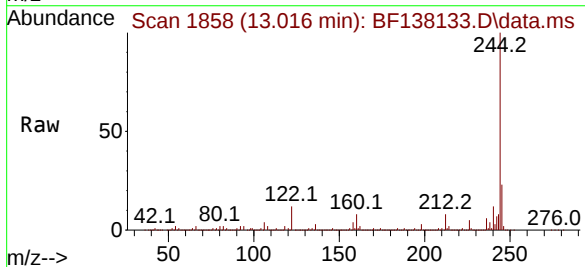
Instrument :
BNA_F
ClientSampleId :
WCS-TPO

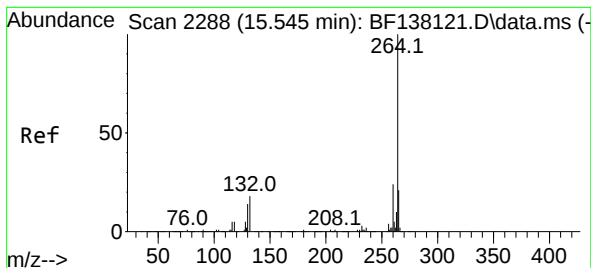
Tgt Ion:184 Resp: 66811
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 5.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 105.201 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion:244 Resp: 5052925
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 12.2 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138133.D

Acq: 06 Jun 2024 15:11

Instrument :

BNA_F

ClientSampleId :

WCS-TPO

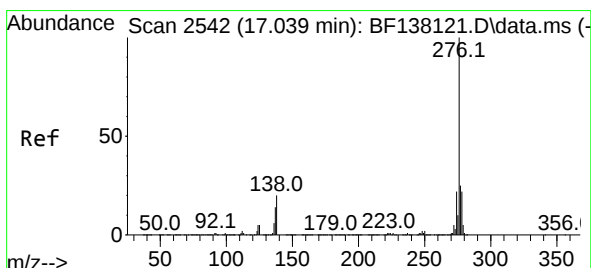
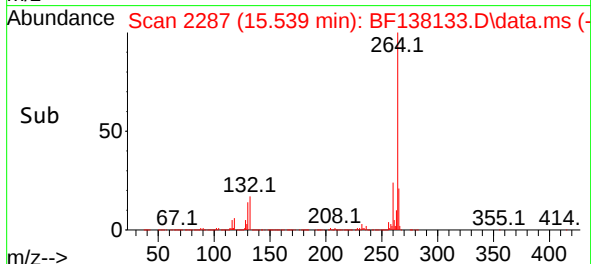
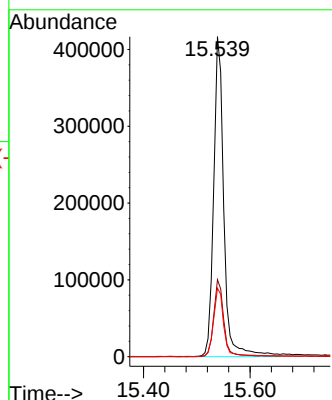
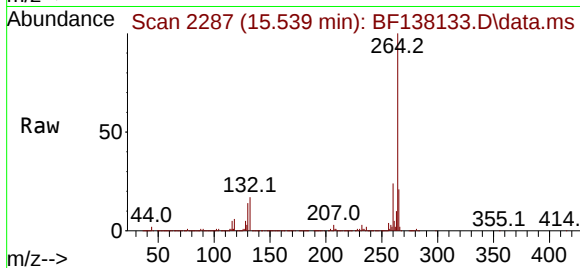
Tgt Ion:264 Resp: 555254

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.4 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.033 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.047 min

Lab File: BF138133.D

Acq: 06 Jun 2024 15:11

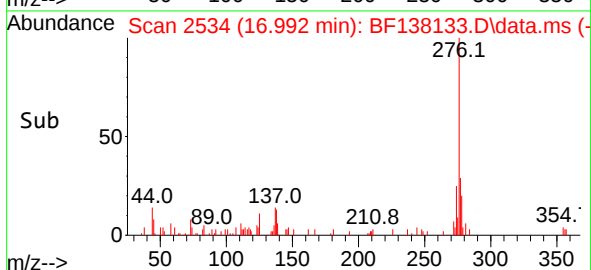
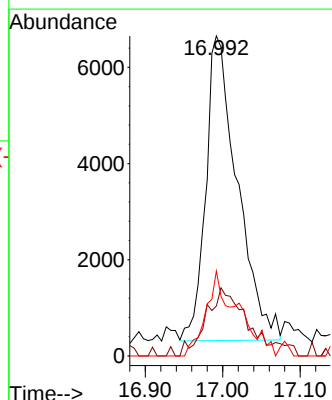
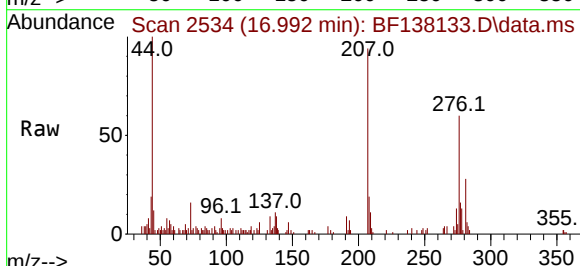
Tgt Ion:276 Resp: 17936

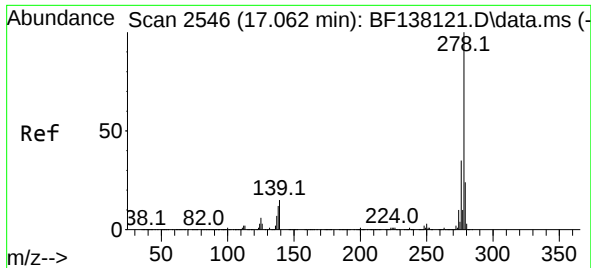
Ion Ratio Lower Upper

276 100

138 27.7 18.9 28.3

277 17.6 20.3 30.5#

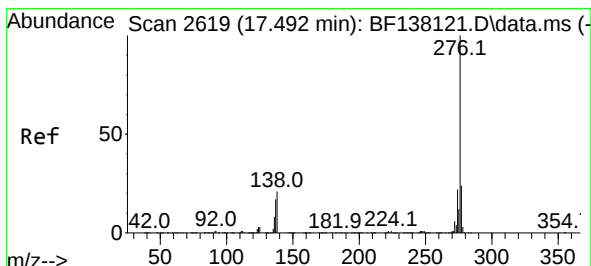
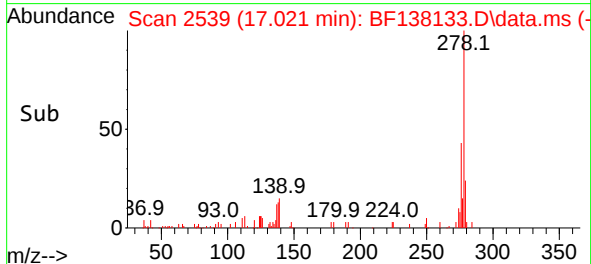
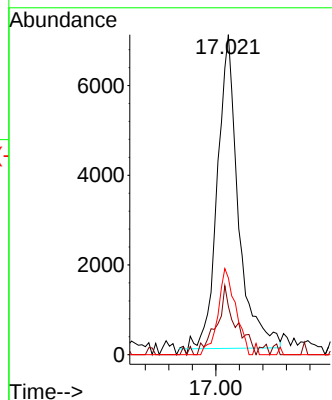
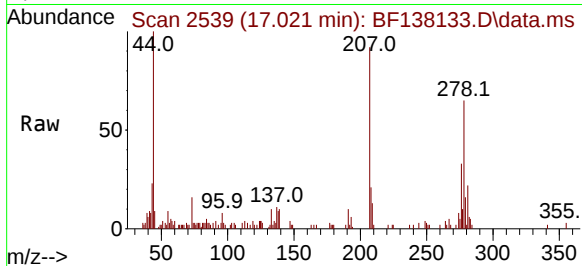




#91
Dibenzo(a,h)anthracene
Concen: 4.315 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Instrument :
BNA_F
ClientSampleId :
WCS-TPO

Tgt Ion:278 Resp: 17284
Ion Ratio Lower Upper
278 100
139 15.1 11.7 17.5
279 24.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 3.418 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.059 min
Lab File: BF138133.D
Acq: 06 Jun 2024 15:11

Tgt Ion:276 Resp: 11613
Ion Ratio Lower Upper
276 100
277 25.7 19.0 28.4
138 18.9 16.5 24.7

