

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138164.D
 Acq On : 07 Jun 2024 17:05
 Operator : CG\JU
 Sample : P2704-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

Quant Time: Jun 07 22:52:49 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)

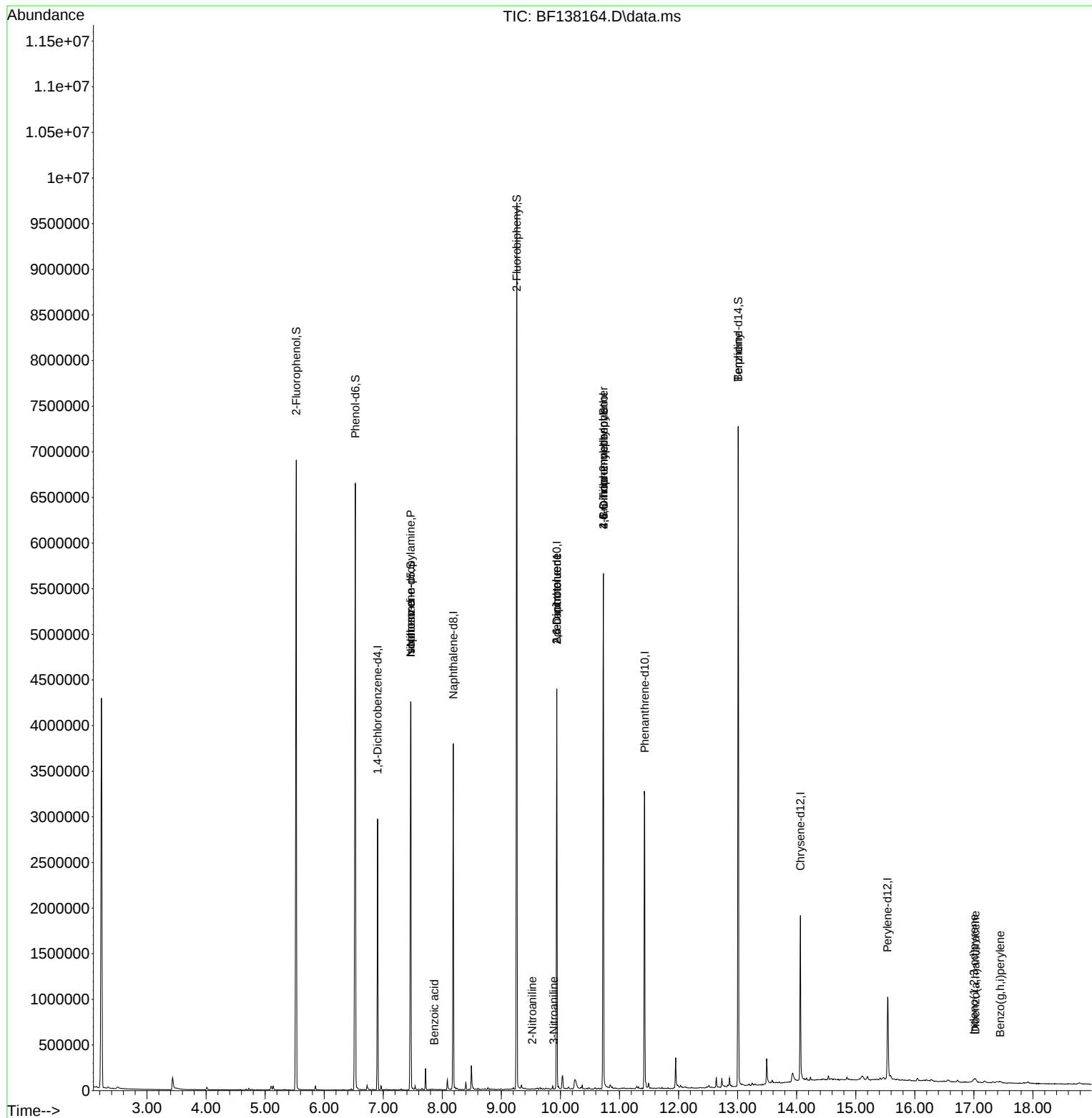
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	386287	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1487204	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	822867	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1248566	20.000	ng	0.00
76) Chrysene-d12	14.063	240	599666	20.000	ng	0.00
86) Perylene-d12	15.539	264	507685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1988200	87.716	ng	0.00
7) Phenol-d6	6.528	99	2506688	87.408	ng	0.00
23) Nitrobenzene-d5	7.463	82	1492514	68.280	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	719457	90.852	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2964507	62.994	ng	0.00
79) Terphenyl-d14	13.010	244	2445925	61.008	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	371	Below Cal	#	30
19) n-Nitroso-di-n-propyla...	7.463	70	201576	11.023	ng	# 77
25) Isophorone	7.463	82	1491041	30.963	ng	# 63
32) Benzoic acid	7.863	122	259	7.956	ng	# 22
48) 2-Nitroaniline	9.522	65	190	4.812	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	111157	12.606	ng	# 25
53) 3-Nitroaniline	9.886	138	140	2.956	ng	# 69
57) 2,4-Dinitrotoluene	9.939	165	111242	11.455	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.727	198	1414	8.700	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	43777	3.079	ng	# 1
77) Benzidine	13.010	184	30378	4.923	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.003	276	39034	4.792	ng	# 81
91) Dibenzo(a,h)anthracene	17.027	278	31155	4.957	ng	98
92) Benzo(g,h,i)perylene	17.445	276	21202	3.850	ng	97

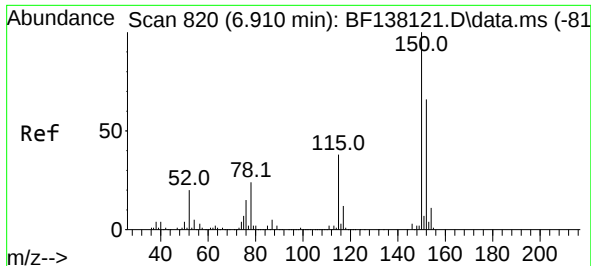
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138164.D
Acq On : 07 Jun 2024 17:05
Operator : CG\JU
Sample : P2704-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Quant Time: Jun 07 22:52:49 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

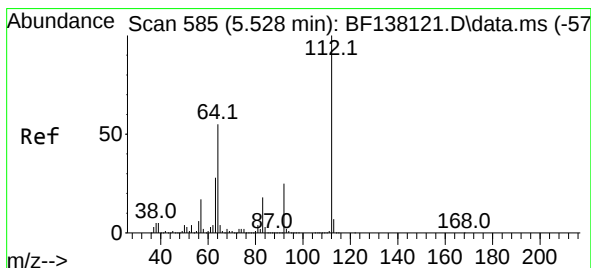
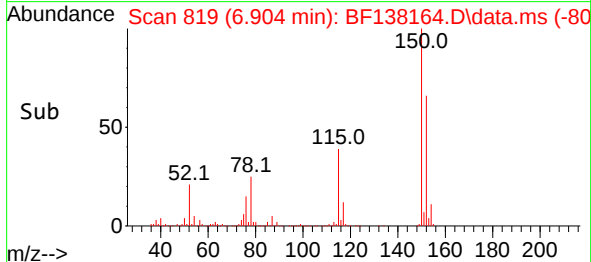
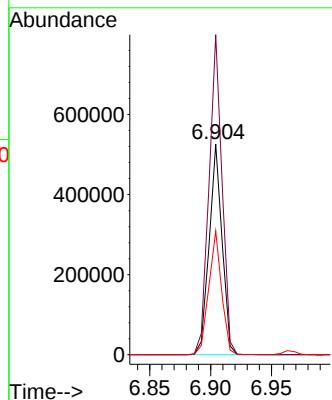
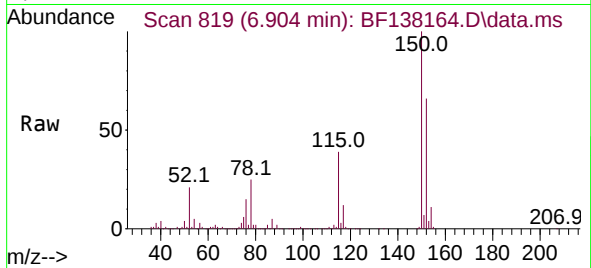




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

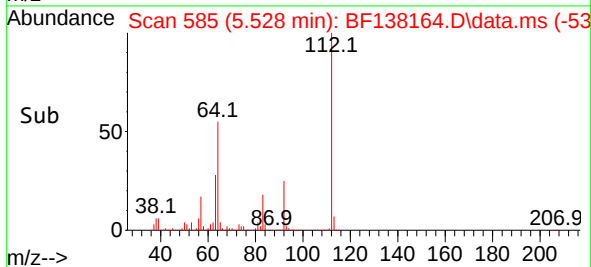
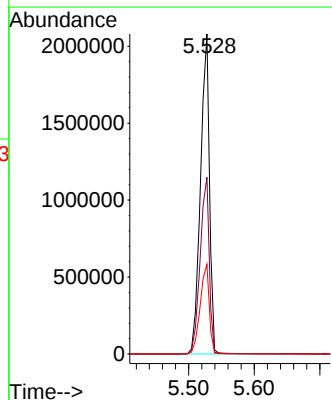
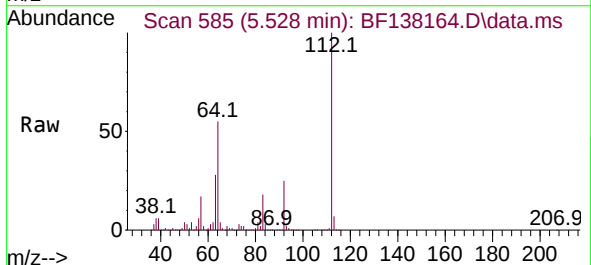
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Tgt Ion:152 Resp: 386287
Ion Ratio Lower Upper
152 100
150 151.8 121.8 182.6
115 58.7 46.2 69.2



#5
2-Fluorophenol
Concen: 87.716 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion:112 Resp: 1988200
Ion Ratio Lower Upper
112 100
64 55.2 44.0 66.0
63 28.0 22.1 33.1





#7
Phenol-d6
Concen: 87.408 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Instrument :

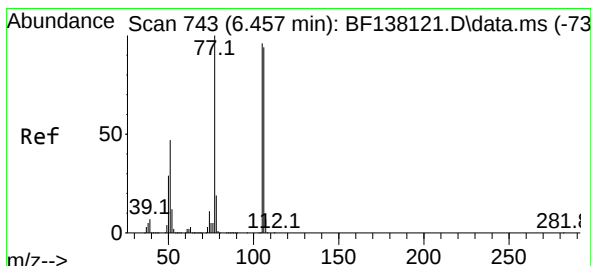
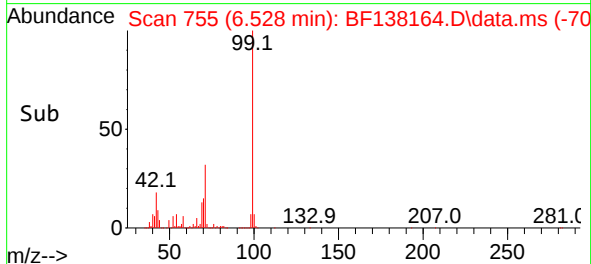
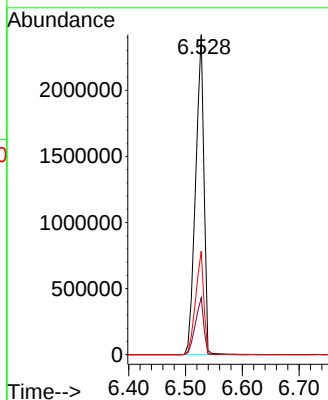
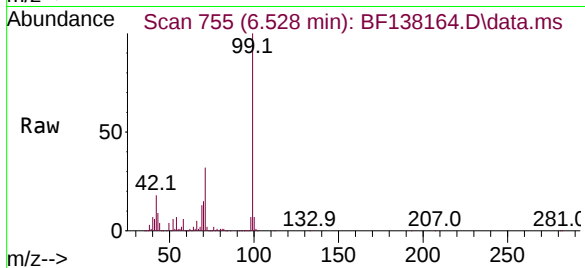
BNA_F

ClientSampleId :

WCS-TPN

Tgt Ion: 99 Resp: 2506688

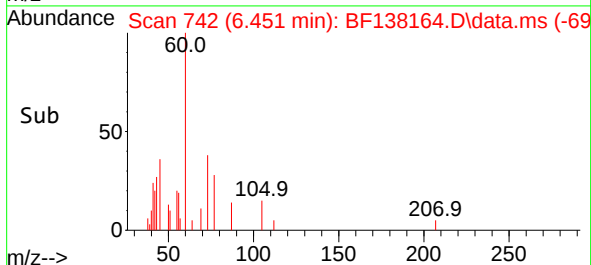
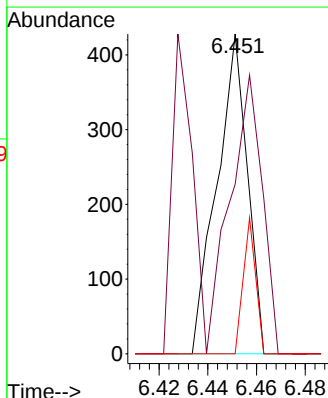
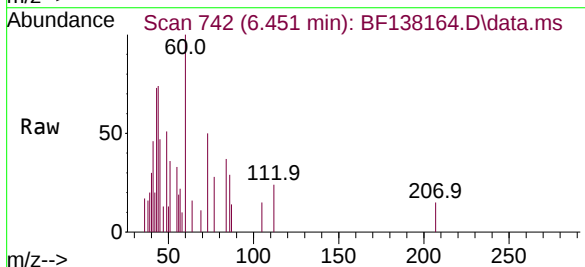
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.4	21.6
71	32.3	25.5	38.3

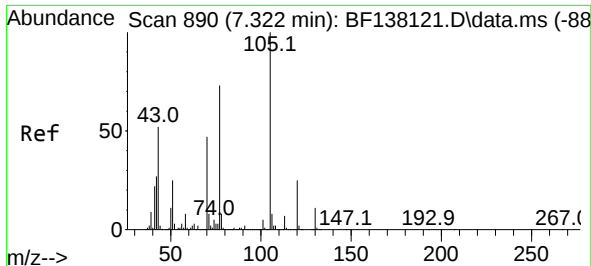


#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion: 77 Resp: 371

Ion	Ratio	Lower	Upper
77	100		
105	53.0	75.8	115.8#
106	0.0	73.9	113.9#

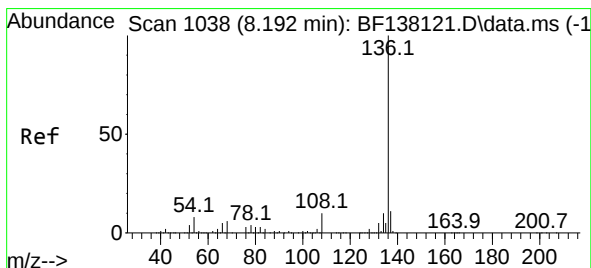
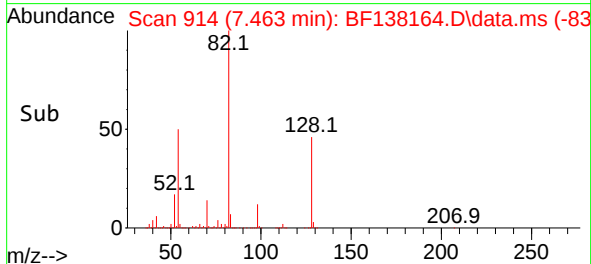
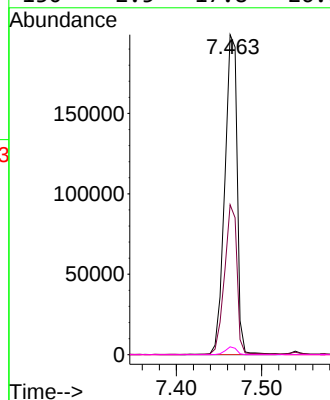
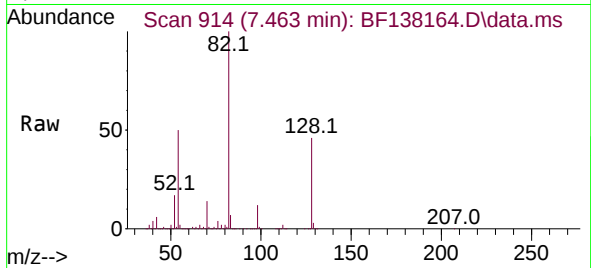




#19
n-Nitroso-di-n-propylamine
Concen: 11.023 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.141 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

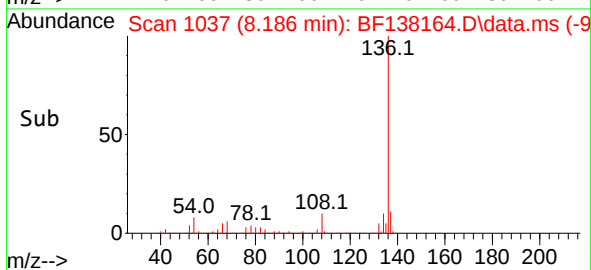
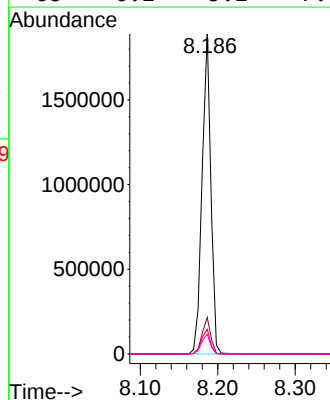
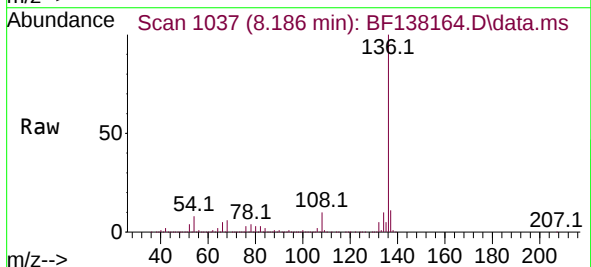
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

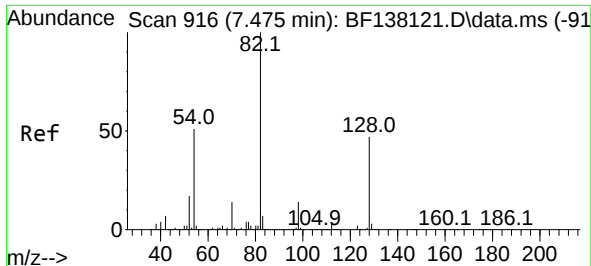
Tgt Ion: 70 Resp: 201576
Ion Ratio Lower Upper
70 100
42 46.9 46.3 69.5
101 0.0 7.7 11.5#
130 2.5 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion: 136 Resp: 1487204
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.7 6.2 9.2
68 6.2 5.2 7.8

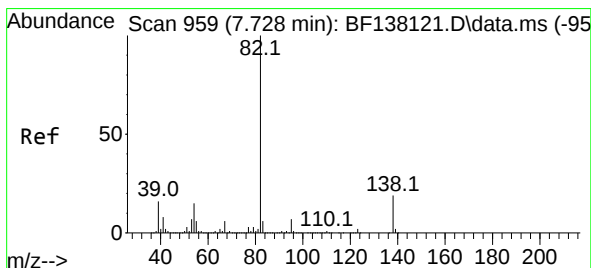
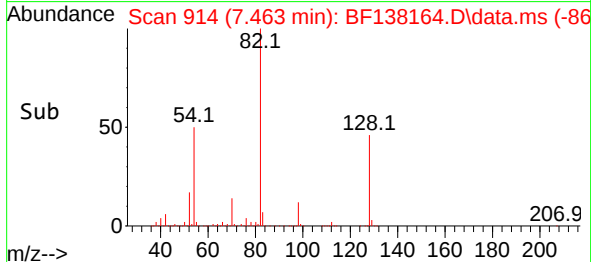
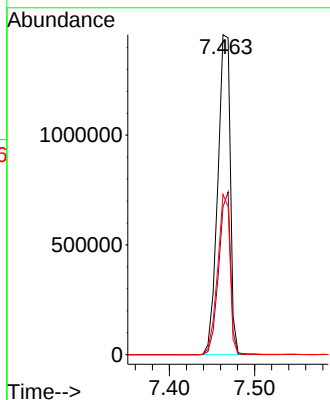
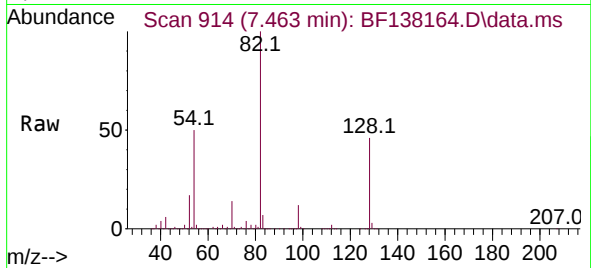




#23
Nitrobenzene-d5
Concen: 68.280 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

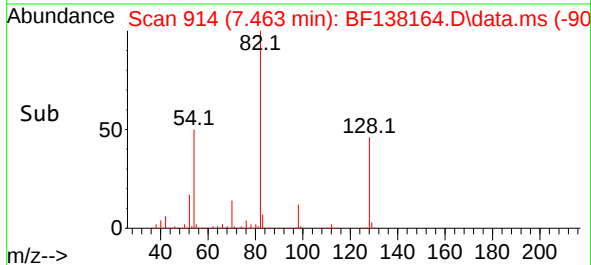
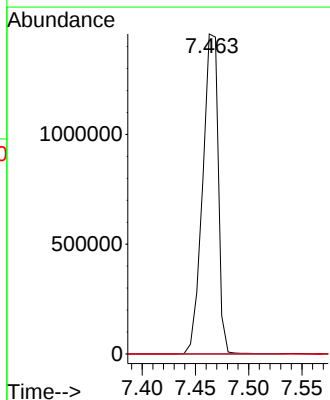
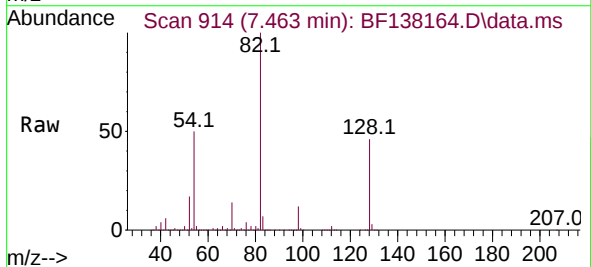
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

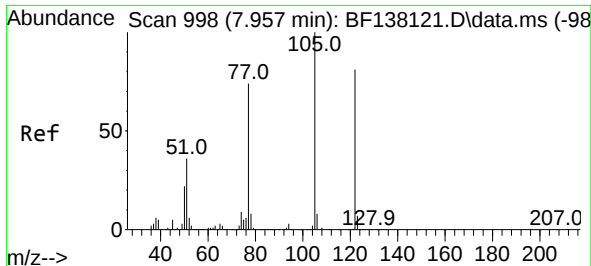
Tgt Ion: 82 Resp: 1492514
Ion Ratio Lower Upper
82 100
128 46.1 37.7 56.5
54 50.1 40.8 61.2



#25
Isophorone
Concen: 30.963 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion: 82 Resp: 1491041
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

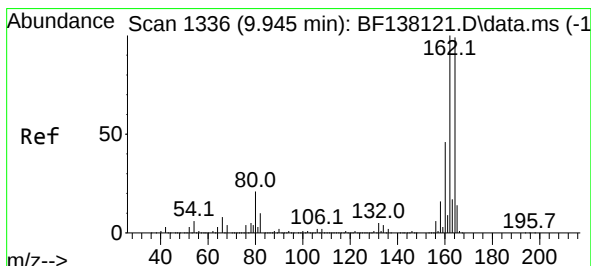
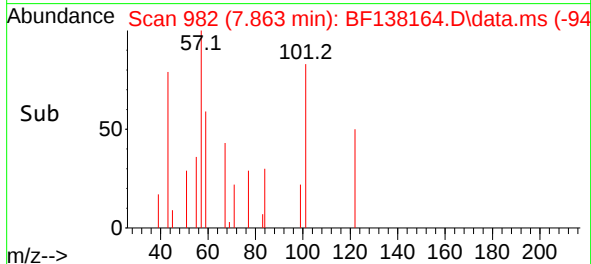
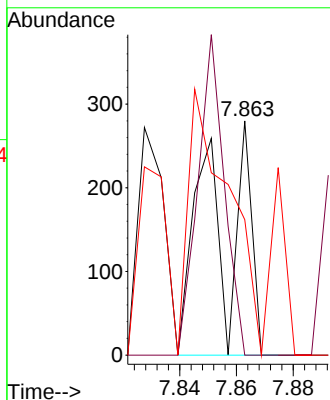
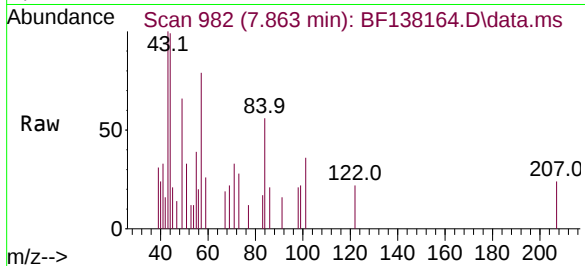




#32
Benzoic acid
Concen: 7.956 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.094 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

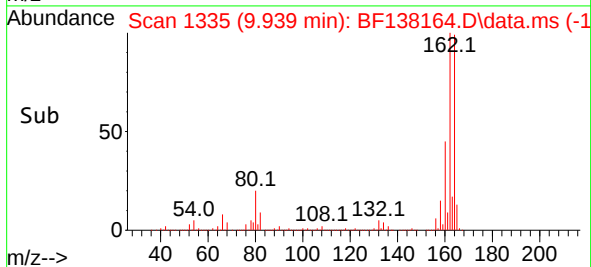
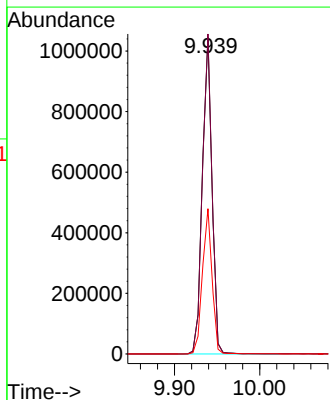
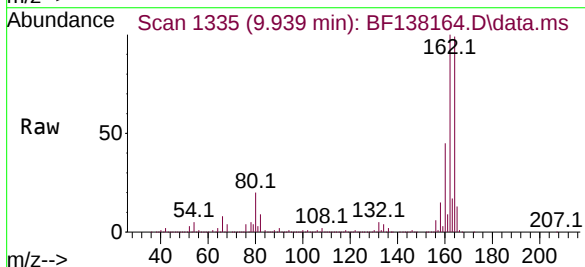
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

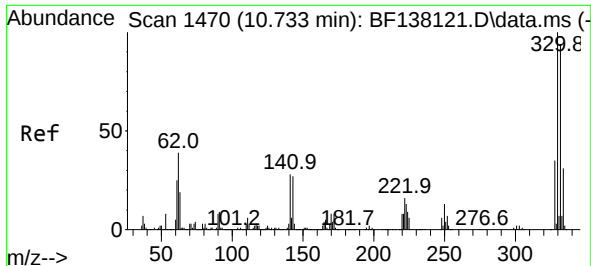
Tgt Ion:122 Resp: 259
Ion Ratio Lower Upper
122 100
105 0.0 102.8 142.8#
77 57.9 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion:164 Resp: 822867
Ion Ratio Lower Upper
164 100
162 101.1 80.9 121.3
160 45.9 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 90.852 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

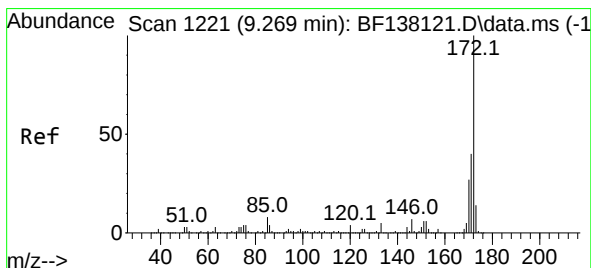
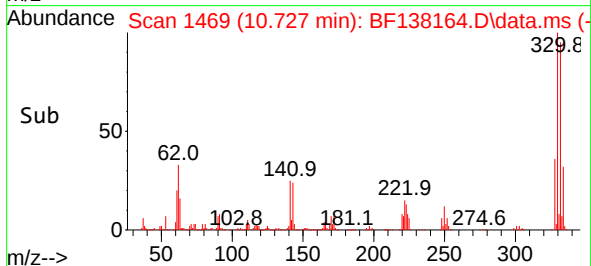
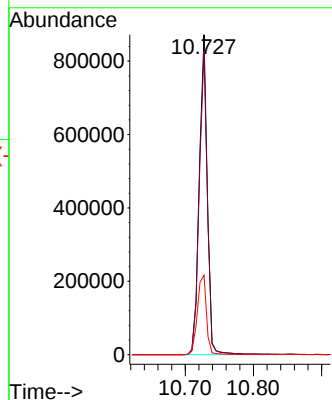
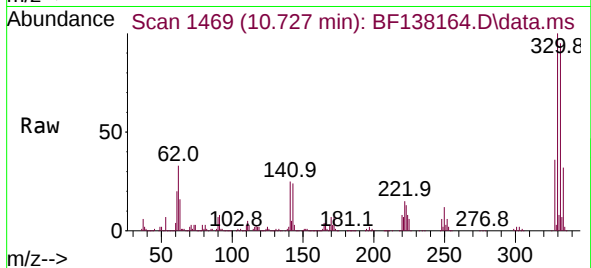
Tgt Ion:330 Resp: 719457

Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.8

141 28.1 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 62.994 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

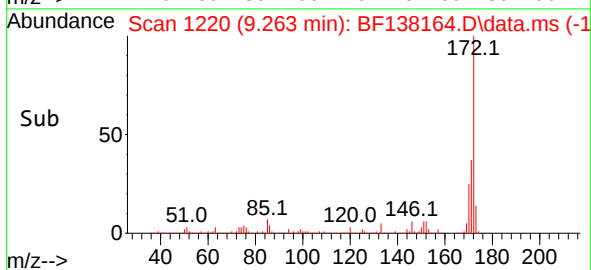
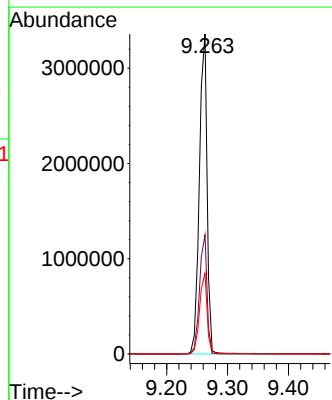
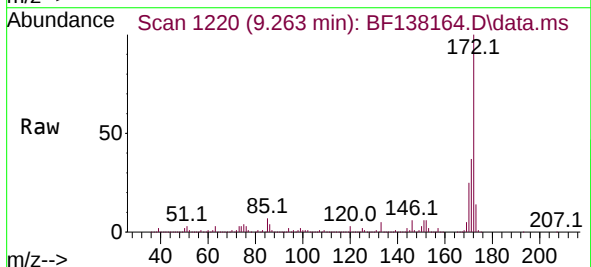
Tgt Ion:172 Resp: 2964507

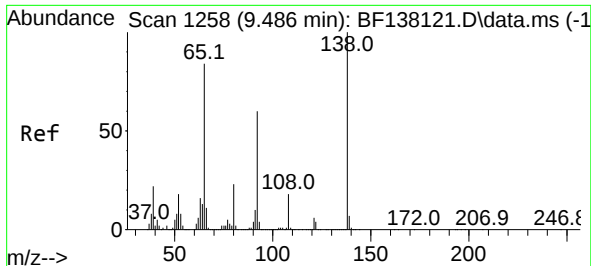
Ion Ratio Lower Upper

172 100

171 37.2 31.6 47.4

170 25.2 21.4 32.2

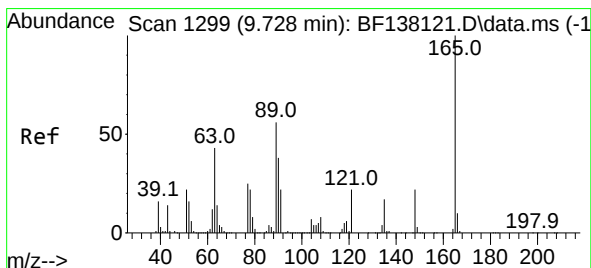
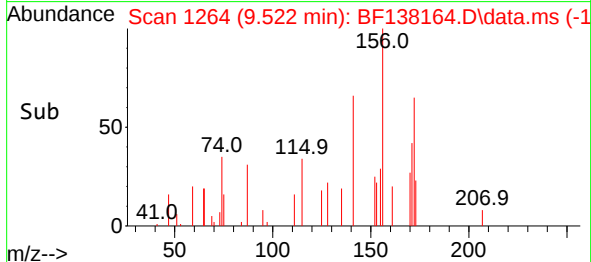
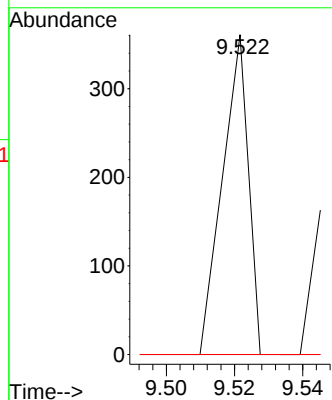
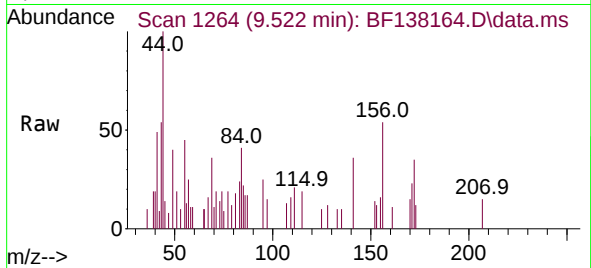




#48
2-Nitroaniline
Concen: 4.812 ng
RT: 9.522 min Scan# 11
Delta R.T. 0.036 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

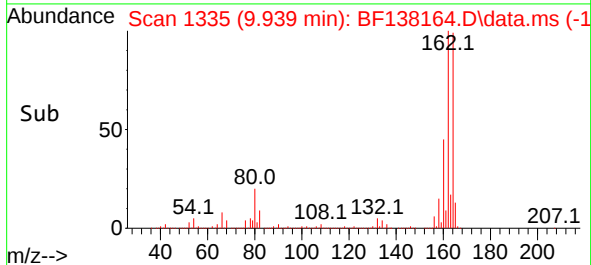
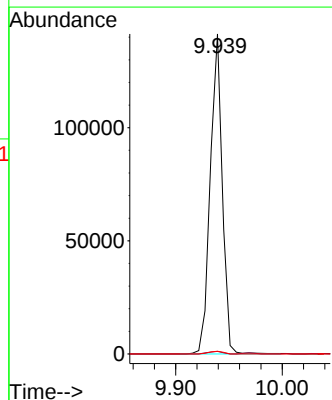
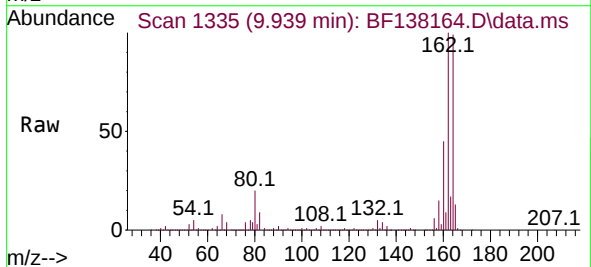
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

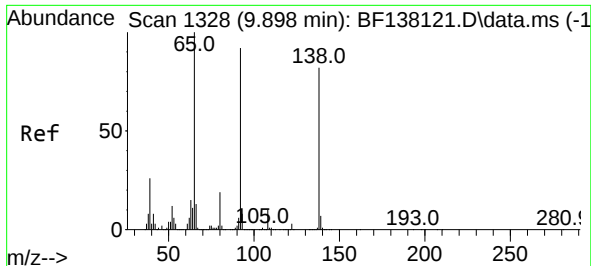
Tgt Ion: 65 Resp: 190
Ion Ratio Lower Upper
65 100
92 0.0 57.3 85.9#
138 0.0 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.606 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.211 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion: 165 Resp: 111157
Ion Ratio Lower Upper
165 100
63 0.8 42.9 64.3#
89 0.9 45.0 67.4#

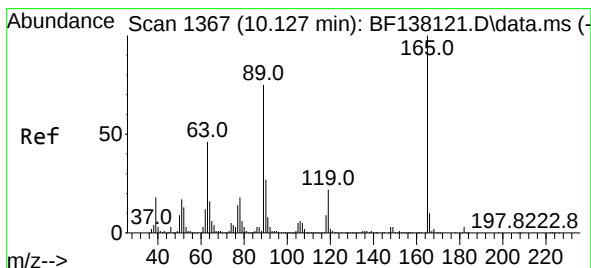
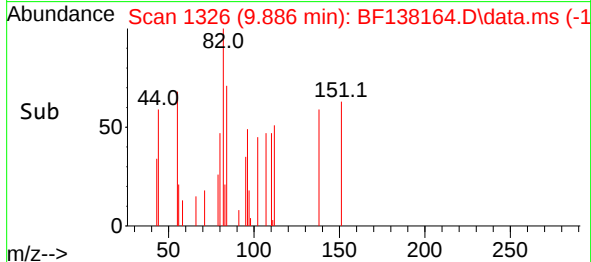
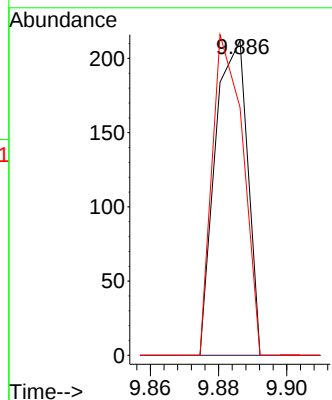
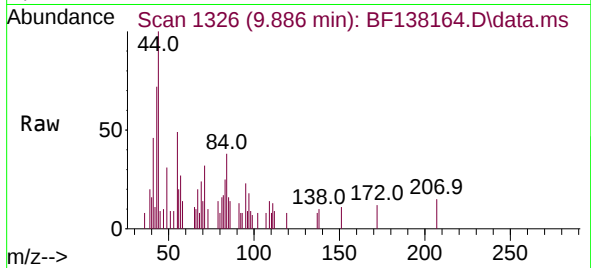




#53
3-Nitroaniline
Concen: 2.956 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

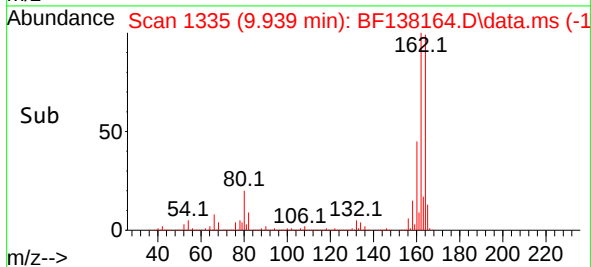
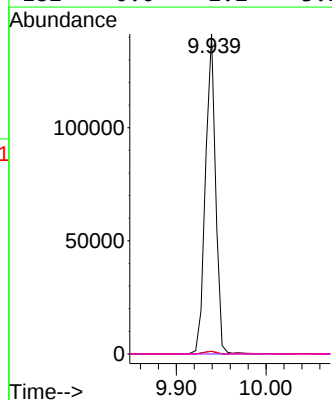
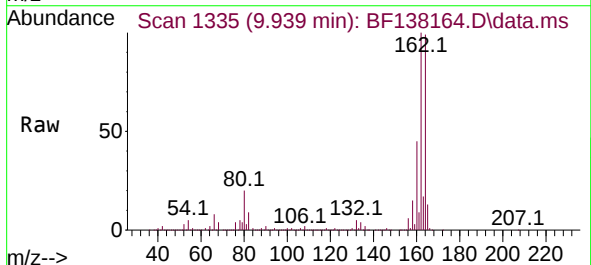
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

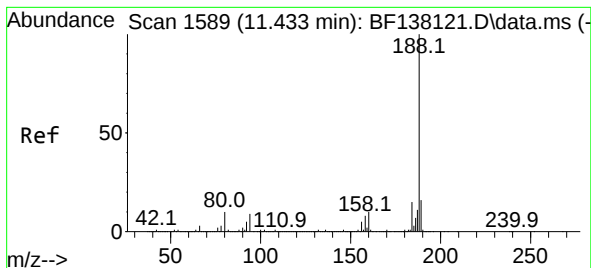
Tgt Ion:138 Resp: 140
Ion Ratio Lower Upper
138 100
108 0.0 10.3 15.5#
92 78.8 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.455 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion:165 Resp: 111242
Ion Ratio Lower Upper
165 100
63 0.8 36.8 55.2#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#

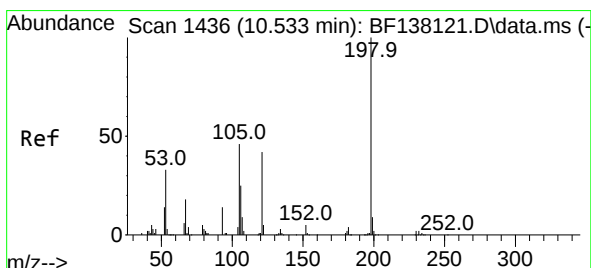
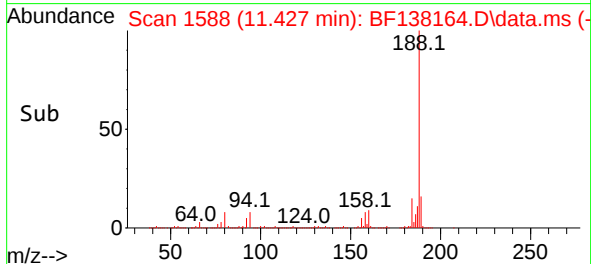
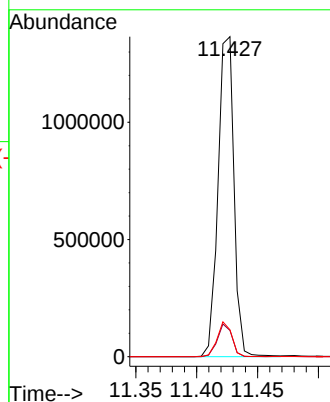
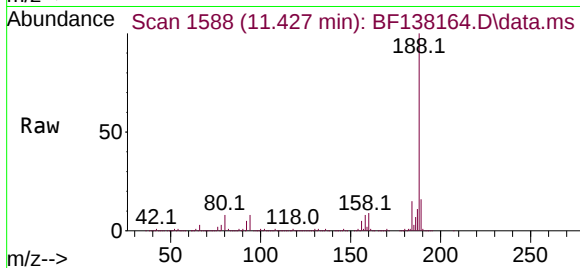




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11427
Delta R.T. -0.006 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

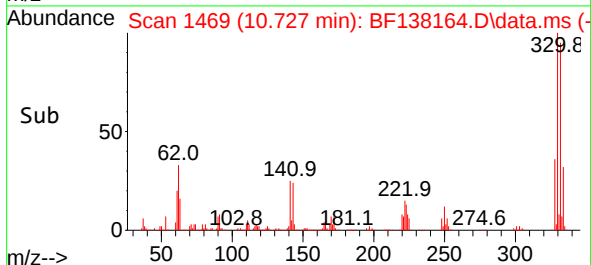
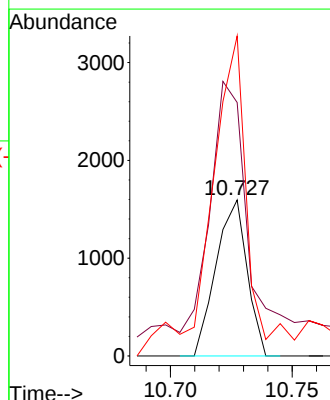
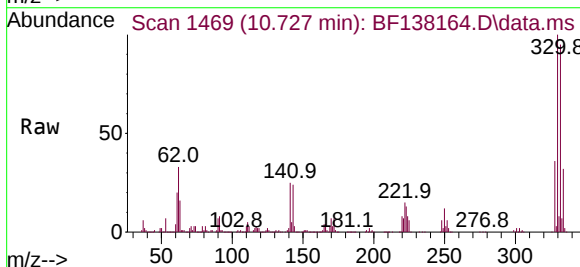
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

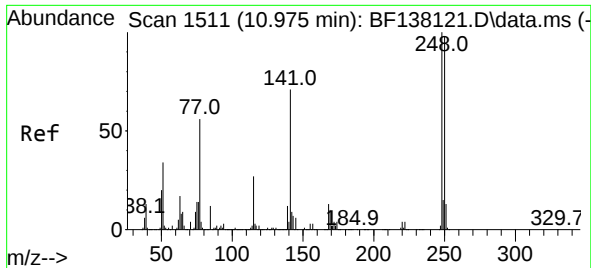
Tgt Ion:188 Resp: 1248566
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.4 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.700 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion:198 Resp: 1414
Ion Ratio Lower Upper
198 100
51 162.3 28.2 68.2#
105 205.0 26.8 66.8#

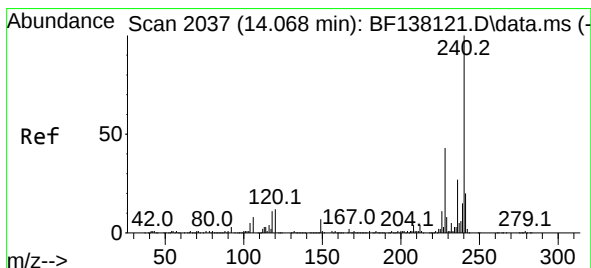
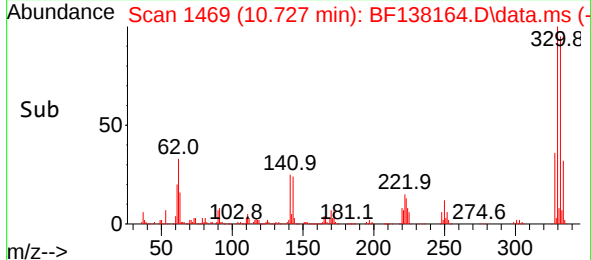
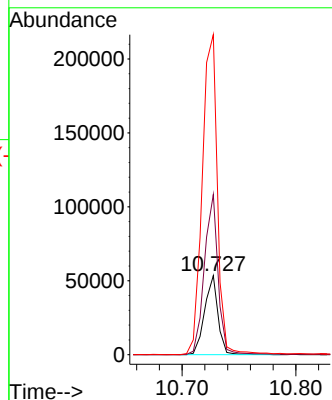
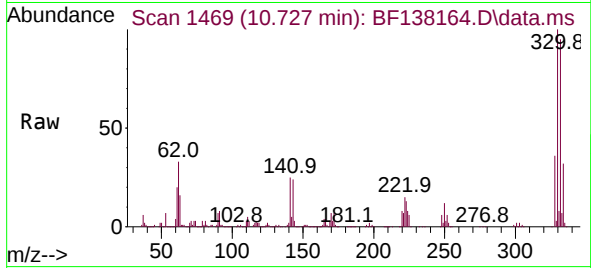




#67
4-Bromophenyl-phenylether
Concen: 3.079 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

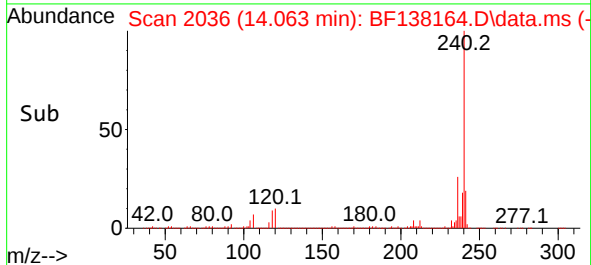
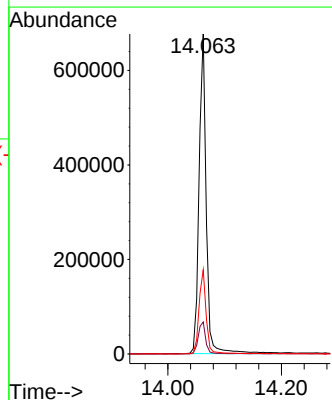
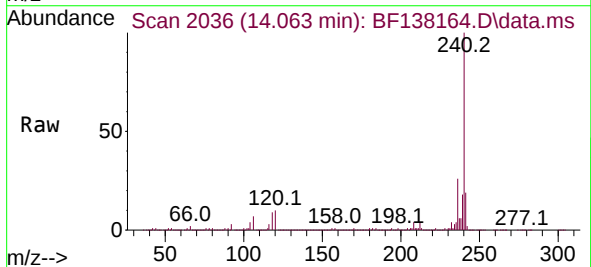
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

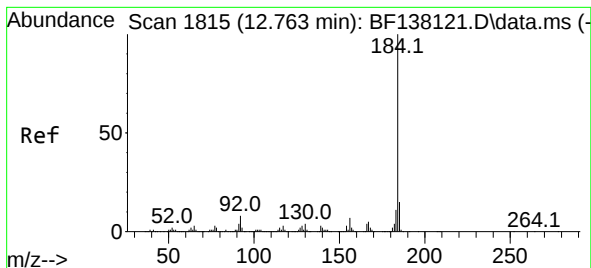
Tgt Ion:248 Resp: 43777
Ion Ratio Lower Upper
248 100
250 202.7 78.7 118.1#
141 405.0 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138164.D
Acq: 07 Jun 2024 17:05

Tgt Ion:240 Resp: 599666
Ion Ratio Lower Upper
240 100
120 10.0 9.8 14.8
236 26.3 21.2 31.8





#77

Benzidine

Concen: 4.923 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.247 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

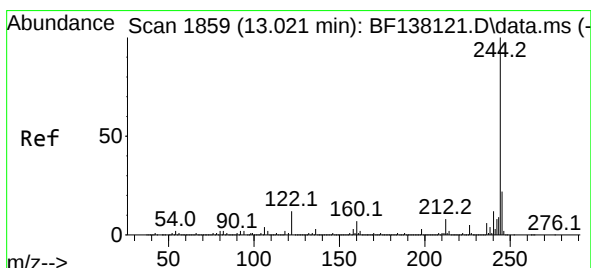
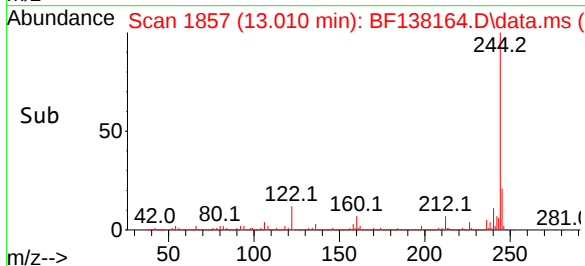
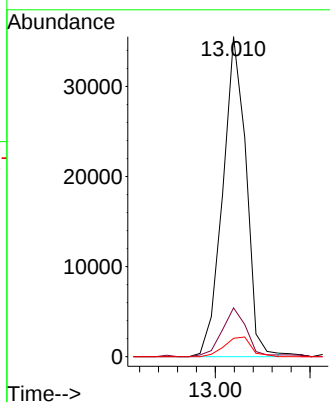
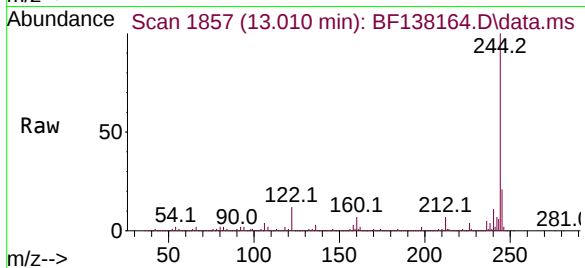
Tgt Ion:184 Resp: 30378

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

183 5.8 9.0 13.4#



#79

Terphenyl-d14

Concen: 61.008 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.012 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

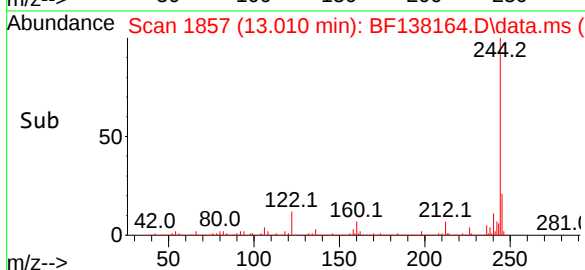
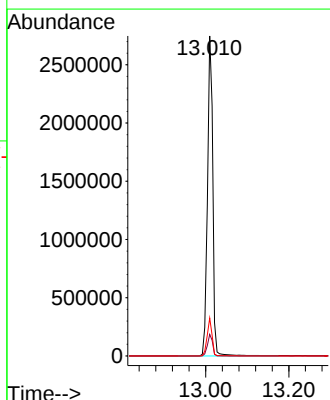
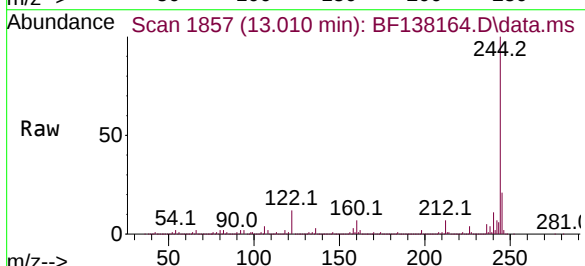
Tgt Ion:244 Resp: 2445925

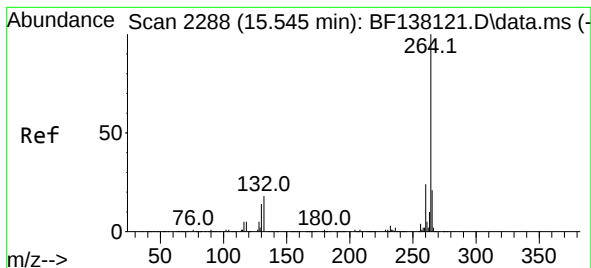
Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

122 11.9 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: BF138164.D

Acq: 07 Jun 2024 17:05

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

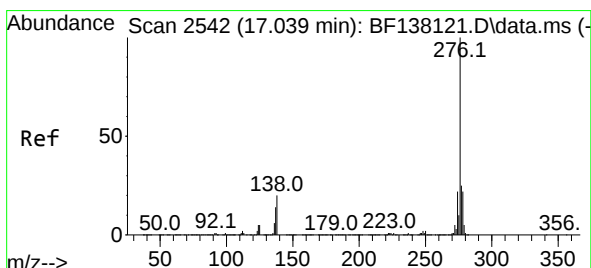
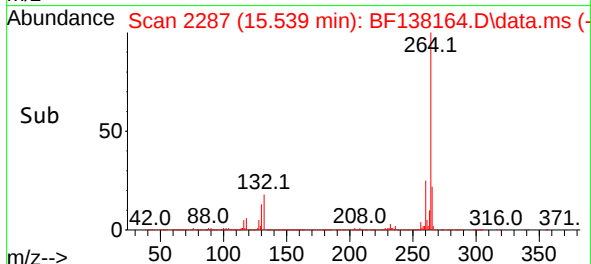
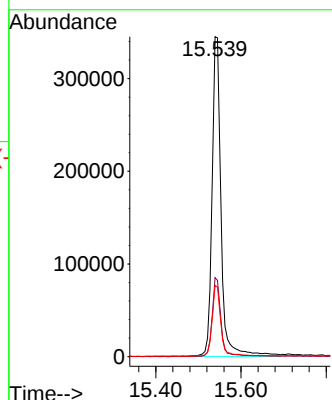
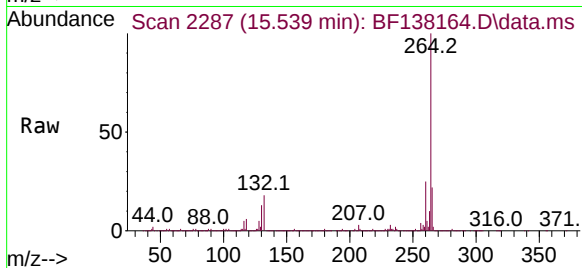
Tgt Ion:264 Resp: 507685

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.3 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.792 ng

RT: 17.003 min Scan# 2536

Delta R.T. -0.036 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

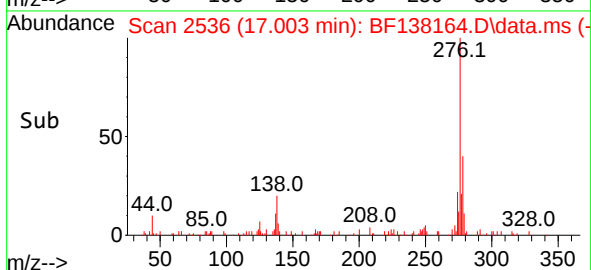
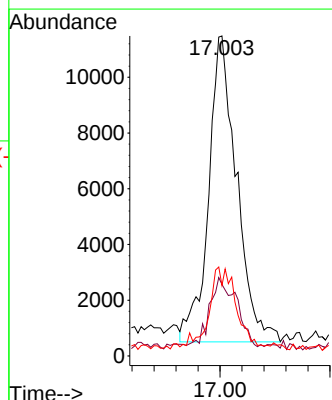
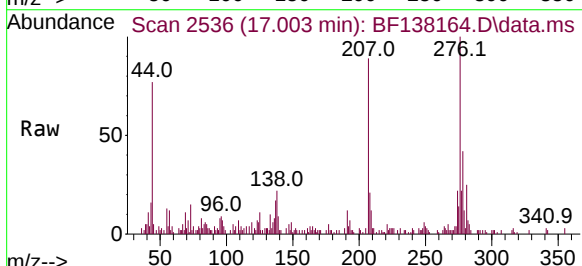
Tgt Ion:276 Resp: 39034

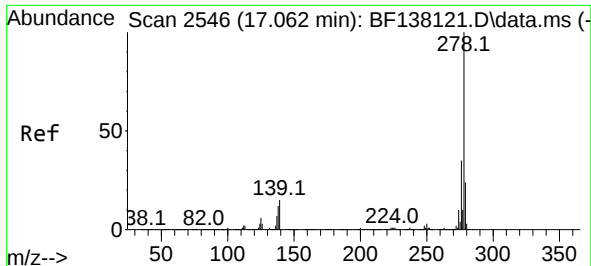
Ion Ratio Lower Upper

276 100

138 22.0 18.9 28.3

277 8.6 20.3 30.5#





#91

Dibenzo(a,h)anthracene

Concen: 4.957 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

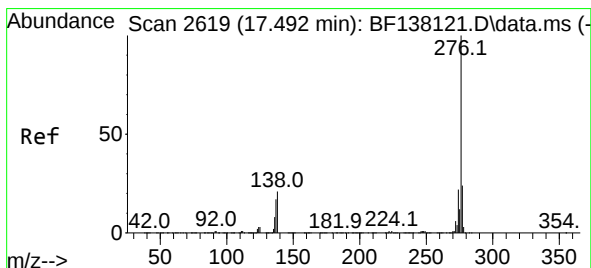
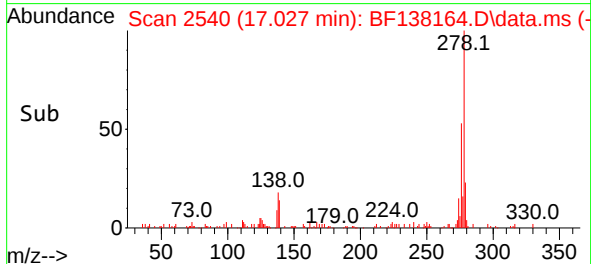
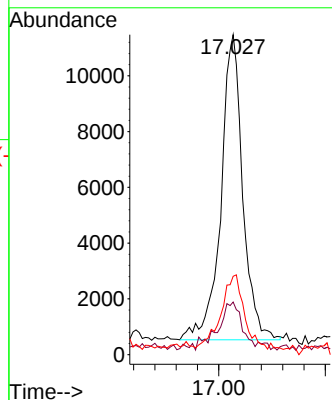
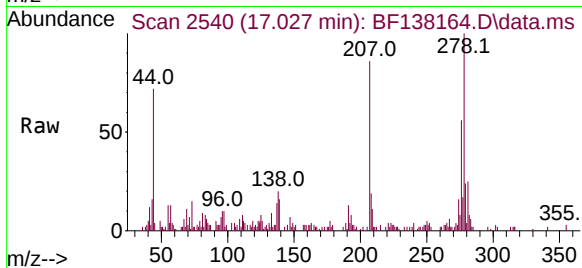
Tgt Ion:278 Resp: 31155

Ion Ratio Lower Upper

278 100

139 16.5 11.7 17.5

279 24.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 3.850 ng

RT: 17.445 min Scan# 2611

Delta R.T. -0.047 min

Lab File: BF138164.D

Acq: 07 Jun 2024 17:05

Tgt Ion:276 Resp: 21202

Ion Ratio Lower Upper

276 100

277 21.9 19.0 28.4

138 21.6 16.5 24.7

