

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138165.D
 Acq On : 07 Jun 2024 17:35
 Operator : CG\JU
 Sample : P2707-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-02

Quant Time: Jun 07 22:53:11 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)

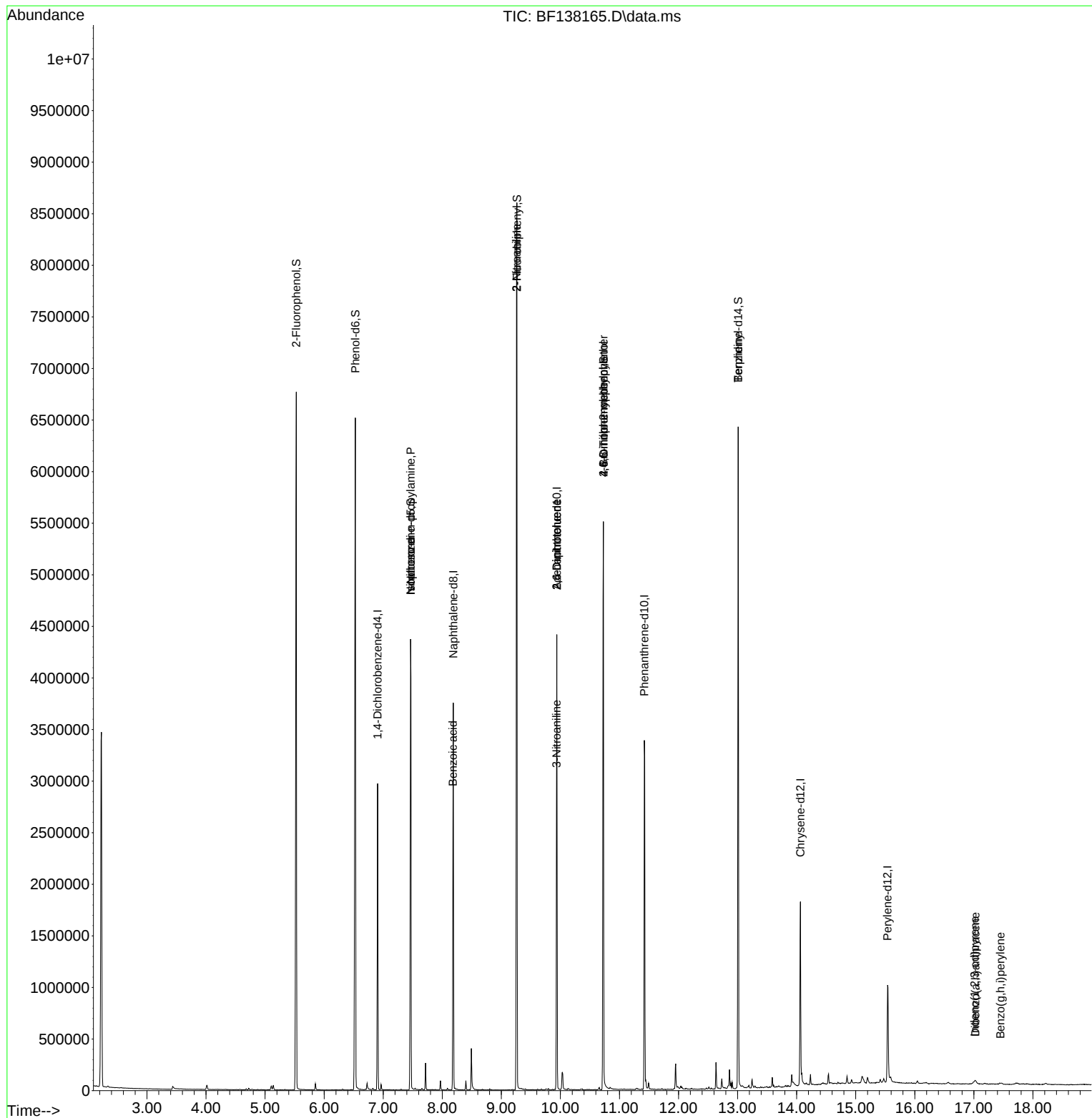
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	385413	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1483443	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	828151	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	1294185	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	610285	20.000	ng	0.00
86) Perylene-d12	15.539	264	525583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1926137	85.171	ng	0.00
7) Phenol-d6	6.528	99	2470856	86.354	ng	0.00
23) Nitrobenzene-d5	7.463	82	1459770	66.952	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	724257	90.874	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2759192	58.257	ng	0.00
79) Terphenyl-d14	13.010	244	2094096	51.324	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	127	Below Cal	#	45
19) n-Nitroso-di-n-propyla...	7.463	70	195920	10.738	ng	# 77
25) Isophorone	7.463	82	1459756	30.390	ng	# 63
32) Benzoic acid	8.181	122	248	7.955	ng	# 1
48) 2-Nitroaniline	9.257	65	4536	5.151	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	108963	12.367	ng	# 25
53) 3-Nitroaniline	9.933	138	54	2.949	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	109032	11.255	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.728	198	1460	8.699	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	44148	2.996	ng	# 1
77) Benzidine	13.010	184	25088	3.995	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.015	276	28979	4.422	ng	94
91) Dibenzo(a,h)anthracene	17.027	278	22773	4.574	ng	96
92) Benzo(g,h,i)perylene	17.451	276	17527	3.676	ng	# 90

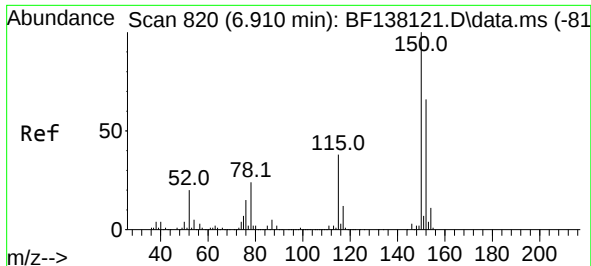
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138165.D
Acq On : 07 Jun 2024 17:35
Operator : CG\JU
Sample : P2707-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-02

Quant Time: Jun 07 22:53:11 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

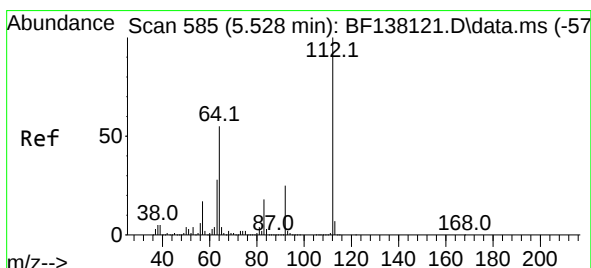
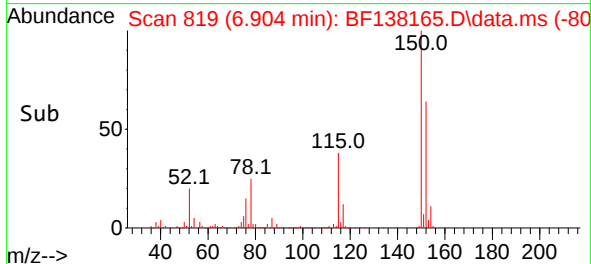
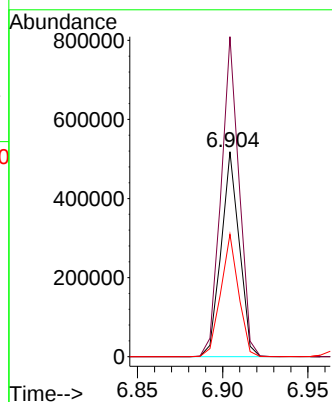
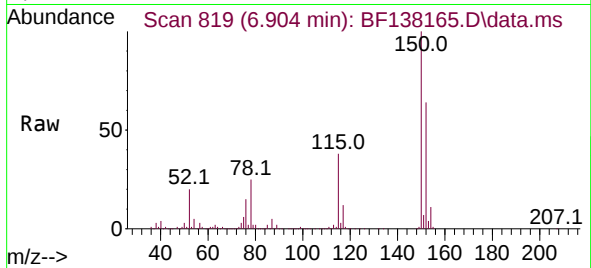




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

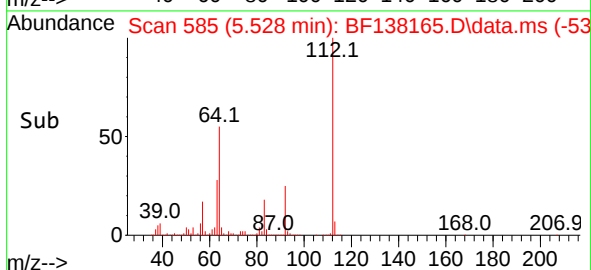
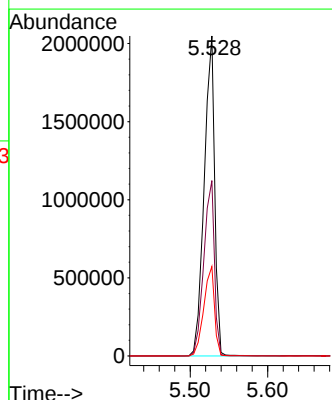
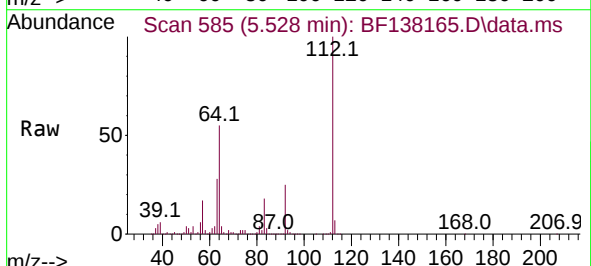
Instrument :
BNA_F
ClientSampleId :
SW-02

Tgt Ion:152 Resp: 385413
Ion Ratio Lower Upper
152 100
150 156.1 121.8 182.6
115 59.7 46.2 69.2



#5
2-Fluorophenol
Concen: 85.171 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:112 Resp: 1926137
Ion Ratio Lower Upper
112 100
64 54.8 44.0 66.0
63 28.0 22.1 33.1

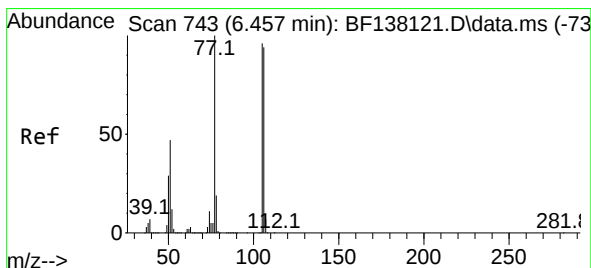
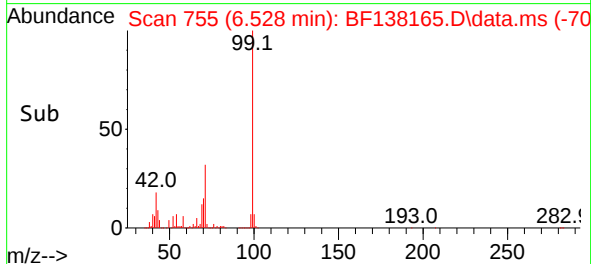
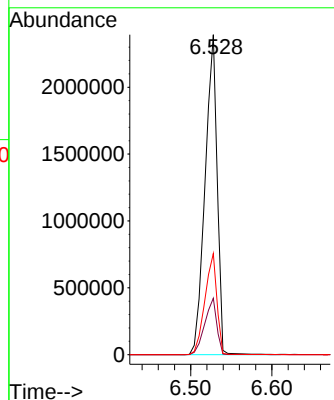
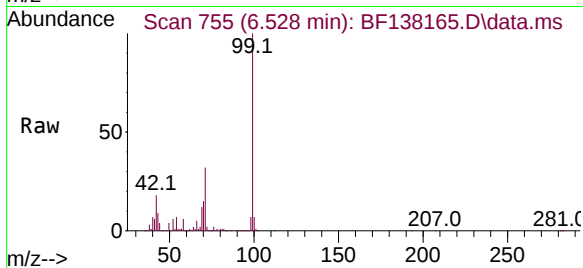




#7
Phenol-d6
Concen: 86.354 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

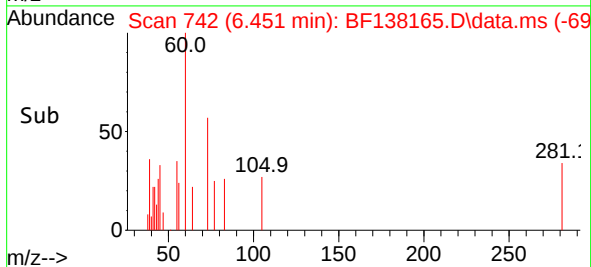
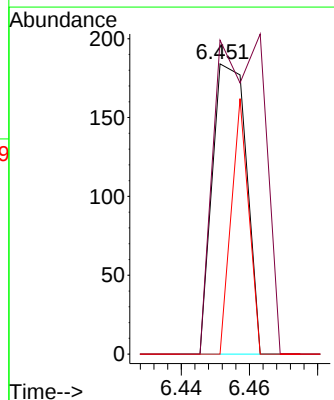
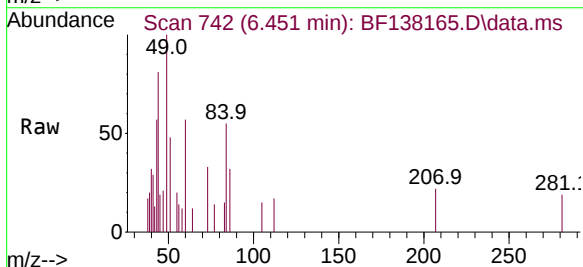
Instrument :
BNA_F
ClientSampleId :
SW-02

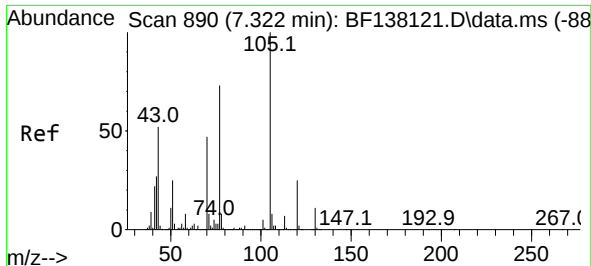
Tgt Ion: 99 Resp: 2470856
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 31.6 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion: 77 Resp: 127
Ion Ratio Lower Upper
77 100
105 108.2 75.8 115.8
106 0.0 73.9 113.9

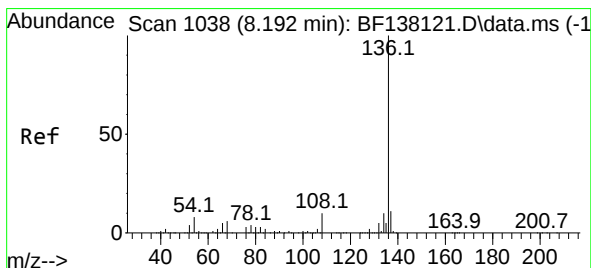
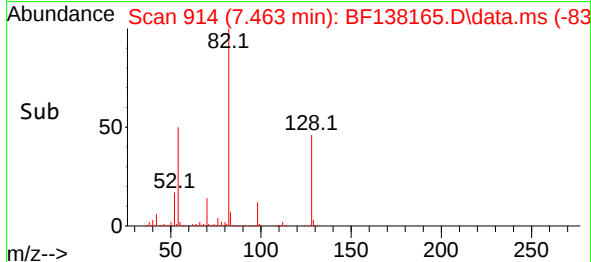
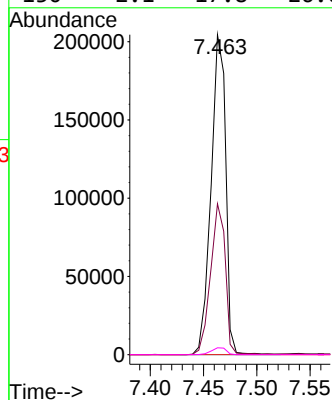
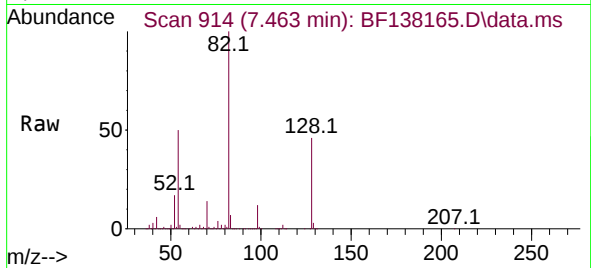




#19
n-Nitroso-di-n-propylamine
Concen: 10.738 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.141 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

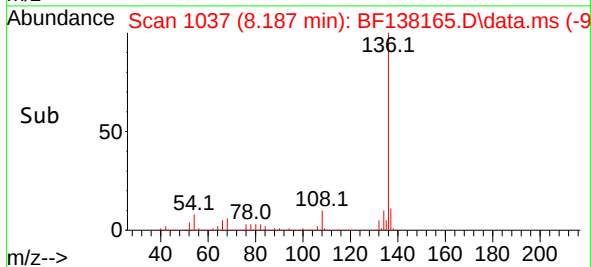
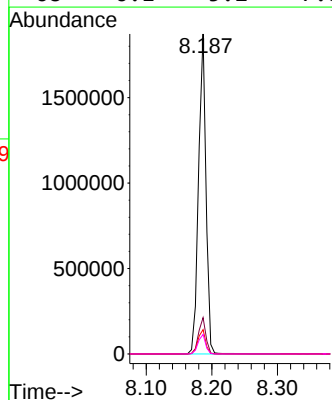
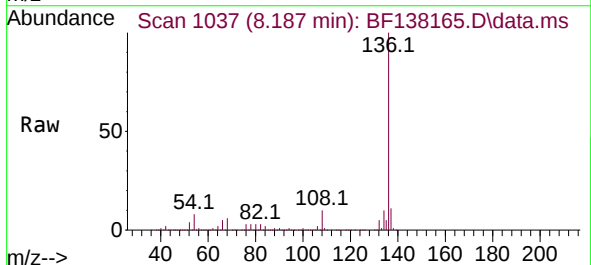
Instrument :
BNA_F
ClientSampleId :
SW-02

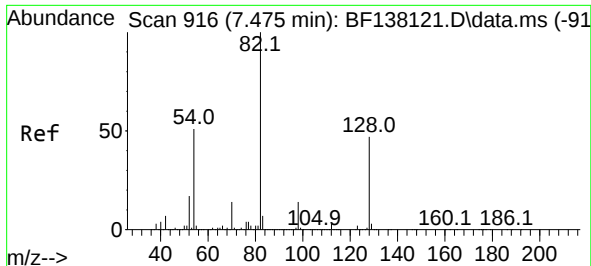
Tgt Ion: 70 Resp: 195920
Ion Ratio Lower Upper
70 100
42 47.2 46.3 69.5
101 0.0 7.7 11.5#
130 2.1 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion: 136 Resp: 1483443
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.2 9.2
68 6.1 5.2 7.8

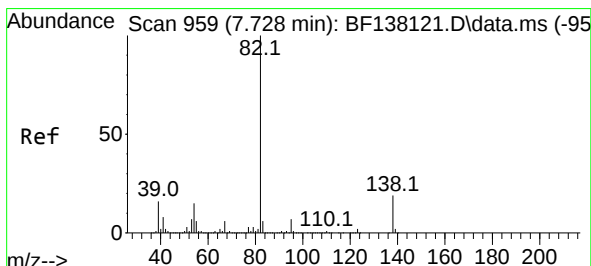
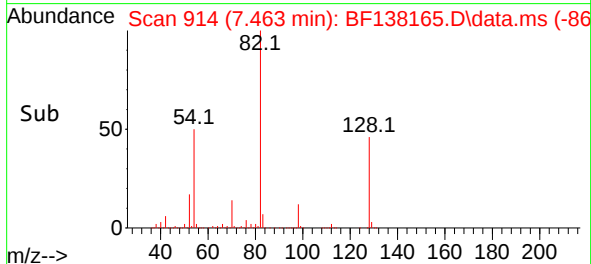
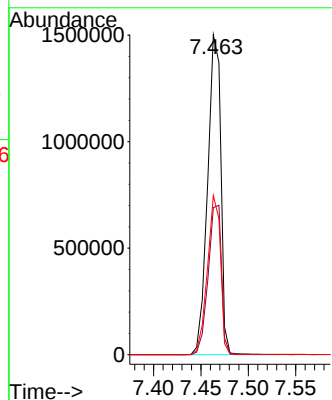
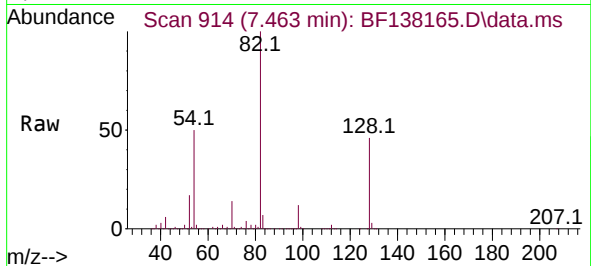




#23
Nitrobenzene-d5
Concen: 66.952 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

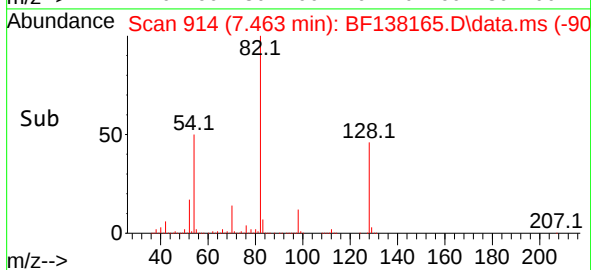
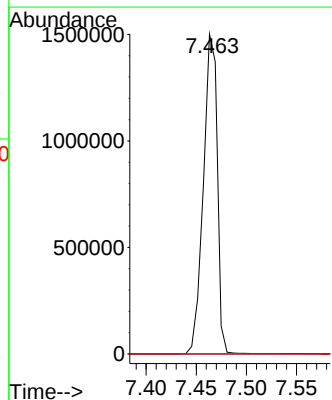
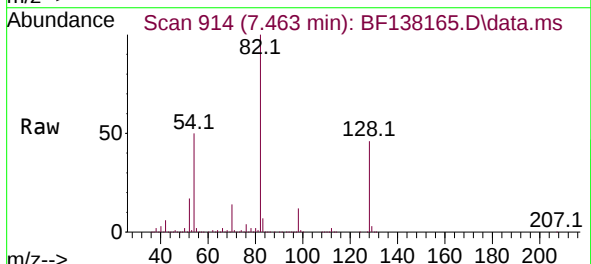
Instrument :
BNA_F
ClientSampleId :
SW-02

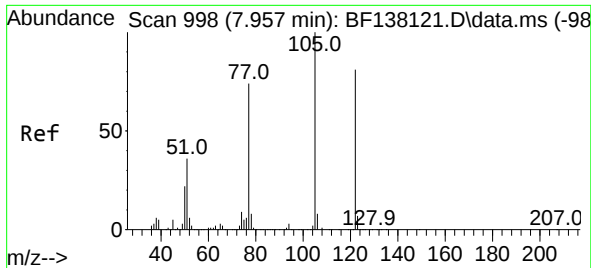
Tgt Ion: 82 Resp: 1459770
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 49.7 40.8 61.2



#25
Isophorone
Concen: 30.390 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion: 82 Resp: 1459756
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

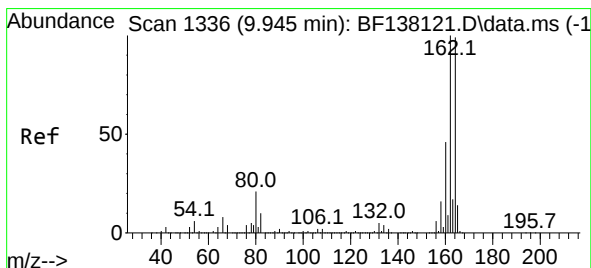
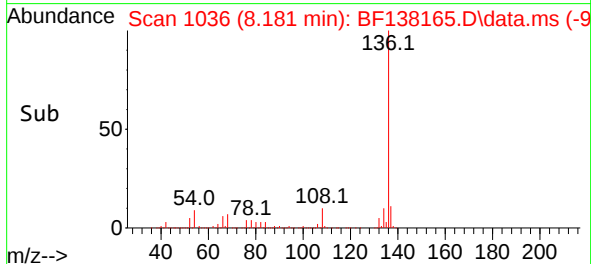
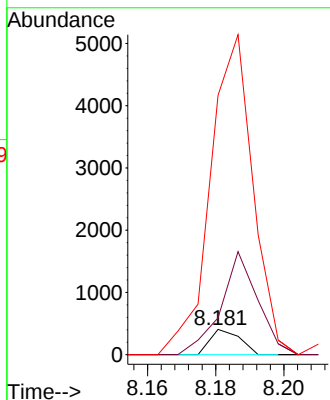
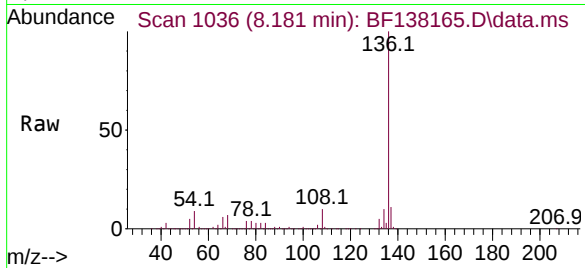




#32
Benzoic acid
Concen: 7.955 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.224 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

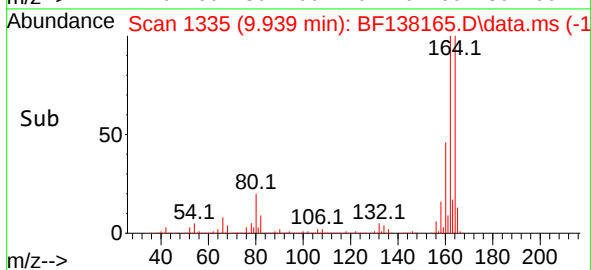
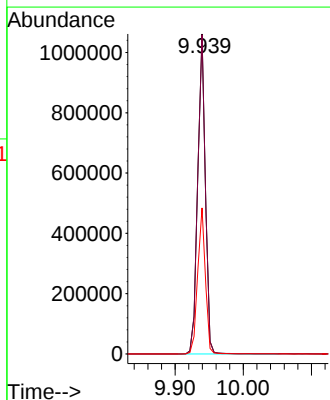
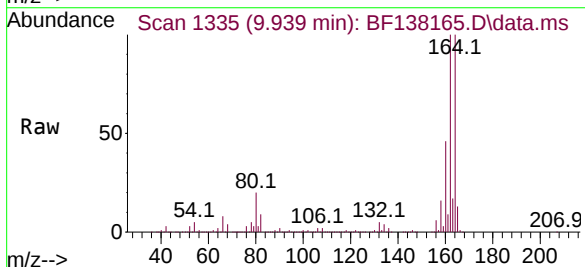
Instrument :
BNA_F
ClientSampleId :
SW-02

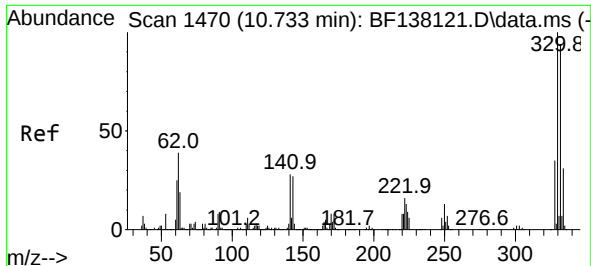
Tgt Ion:122 Resp: 248
Ion Ratio Lower Upper
122 100
105 145.8 102.8 142.8#
77 1026.6 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:164 Resp: 828151
Ion Ratio Lower Upper
164 100
162 99.8 80.9 121.3
160 45.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 90.874 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.005 min

Lab File: BF138165.D

Acq: 07 Jun 2024 17:35

Instrument :

BNA_F

ClientSampleId :

SW-02

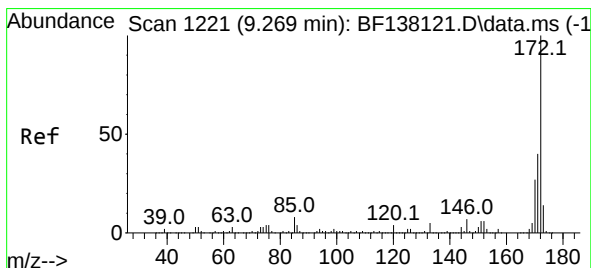
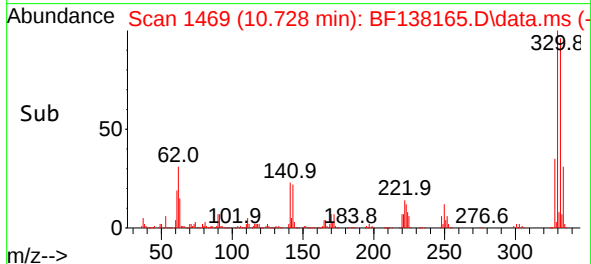
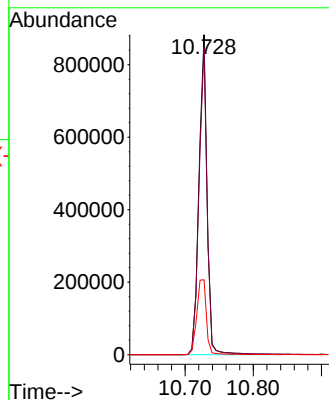
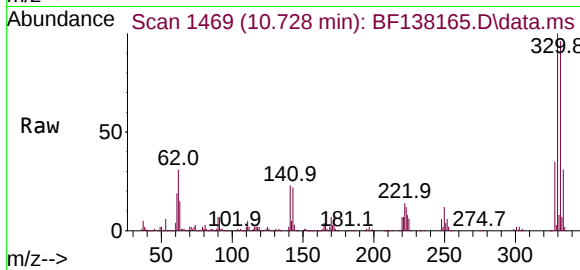
Tgt Ion:330 Resp: 724257

Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.8

141 28.0 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 58.257 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138165.D

Acq: 07 Jun 2024 17:35

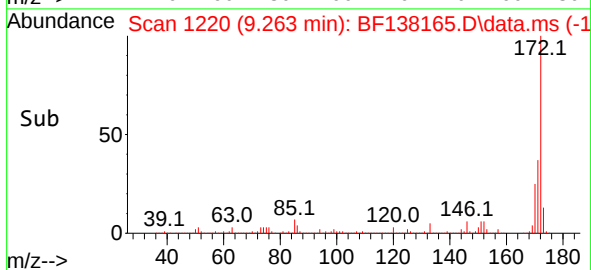
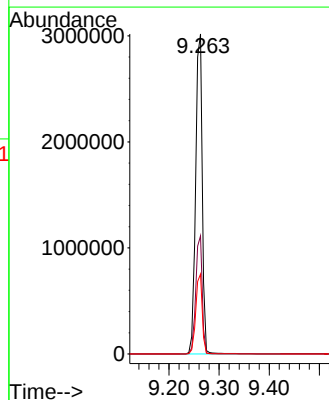
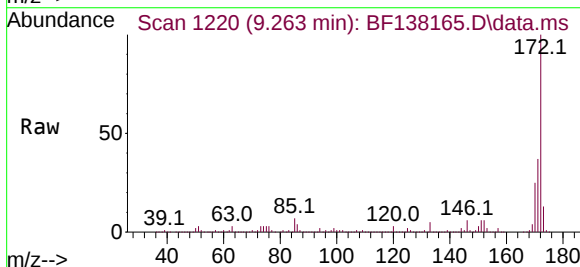
Tgt Ion:172 Resp: 2759192

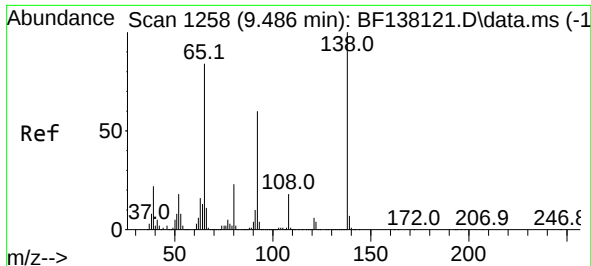
Ion Ratio Lower Upper

172 100

171 36.9 31.6 47.4

170 25.0 21.4 32.2

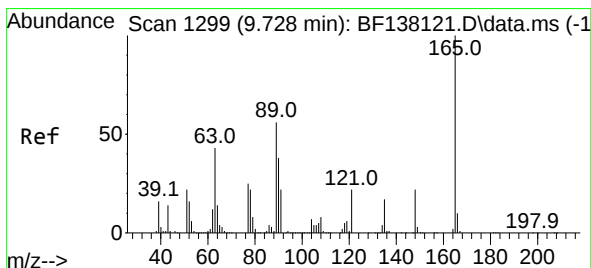
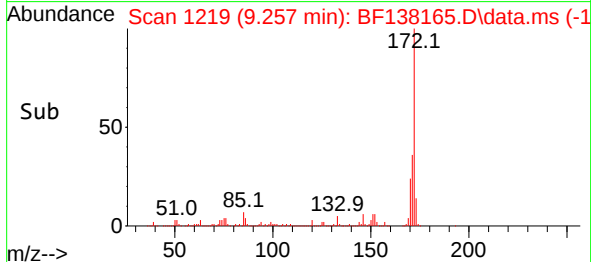
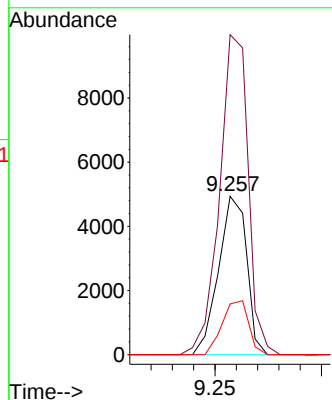
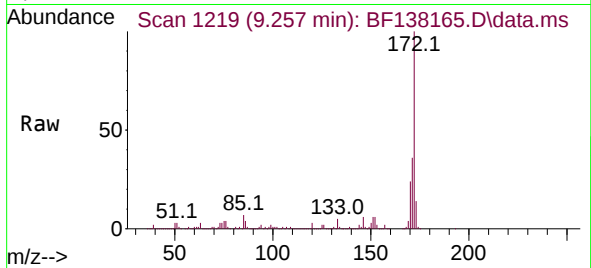




#48
2-Nitroaniline
Concen: 5.151 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

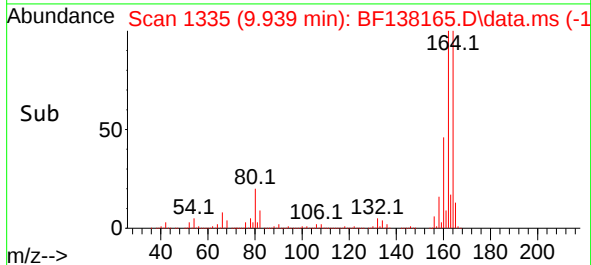
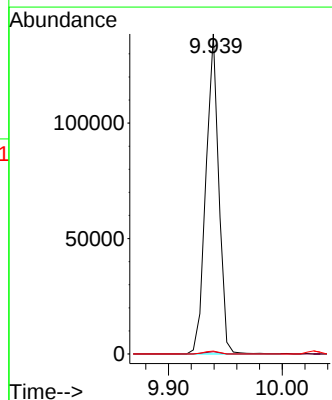
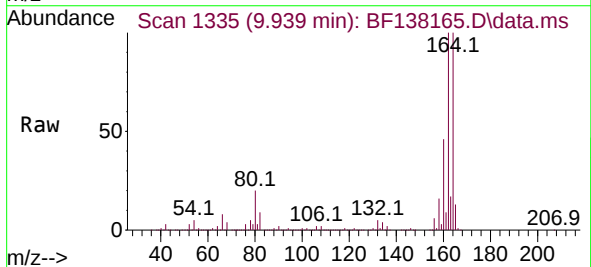
Instrument :
BNA_F
ClientSampleId :
SW-02

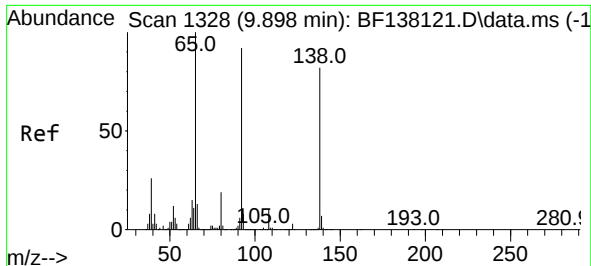
Tgt Ion: 65 Resp: 4536
Ion Ratio Lower Upper
65 100
92 202.1 57.3 85.9#
138 32.0 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.367 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.211 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:165 Resp: 108963
Ion Ratio Lower Upper
165 100
63 0.7 42.9 64.3#
89 0.9 45.0 67.4#

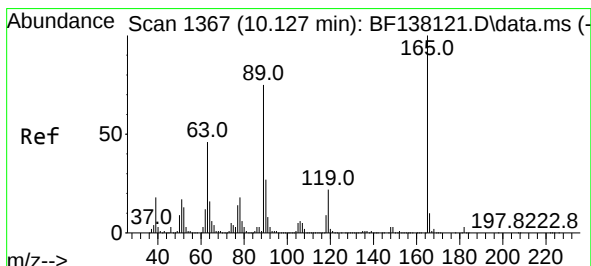
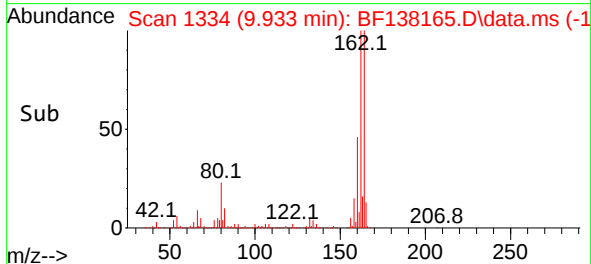
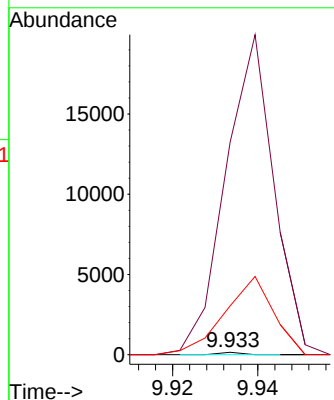
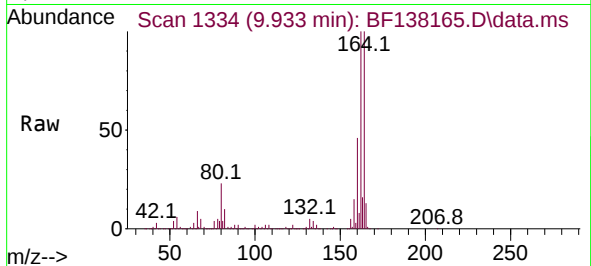




#53
3-Nitroaniline
Concen: 2.949 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

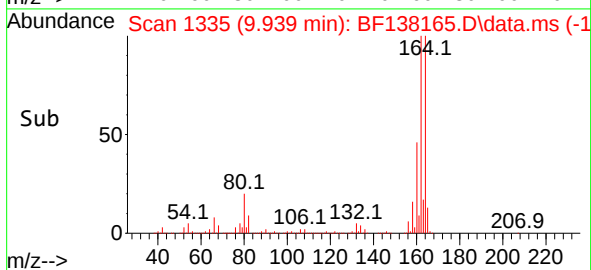
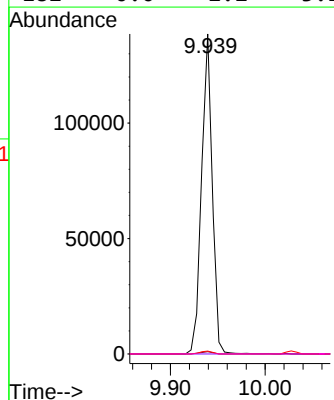
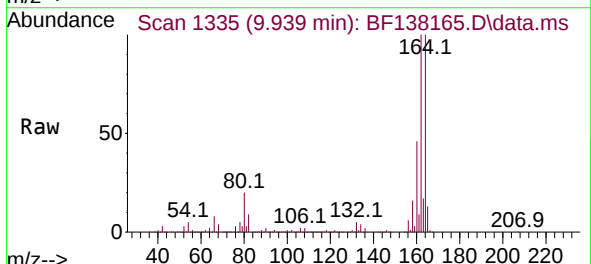
Instrument :
BNA_F
ClientSampleId :
SW-02

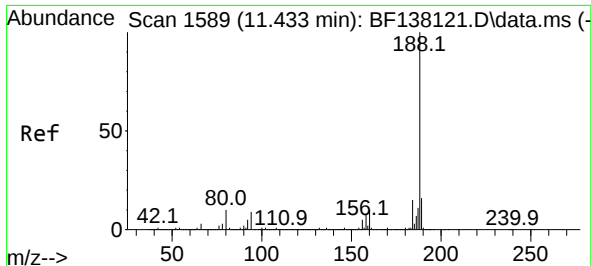
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 8600.6 10.3 15.5#
92 1975.3 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.255 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:165 Resp: 109032
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#

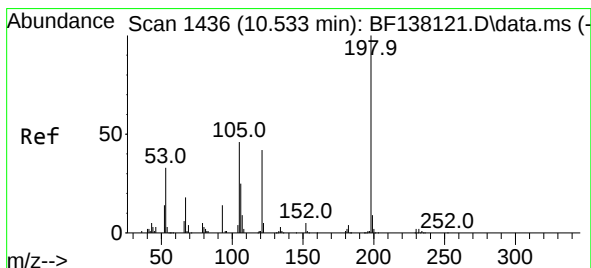
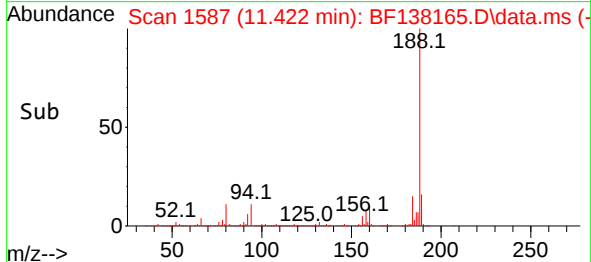
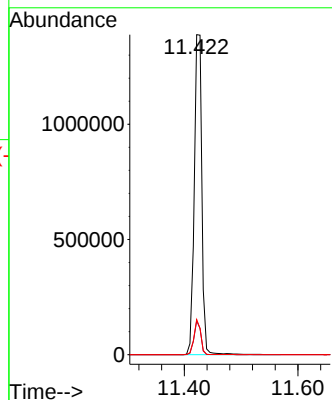
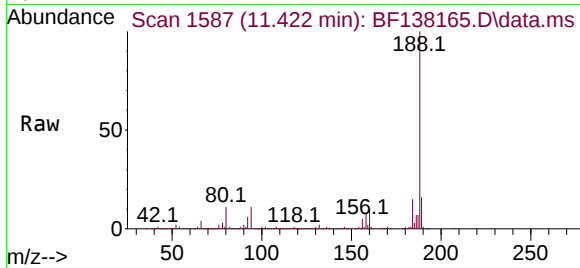




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

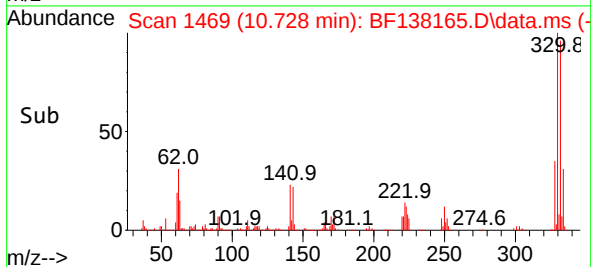
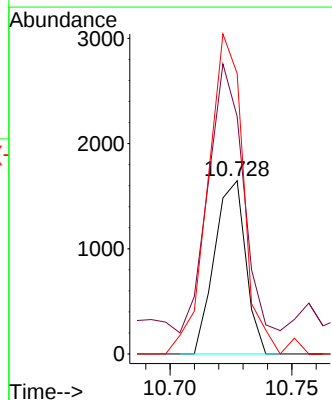
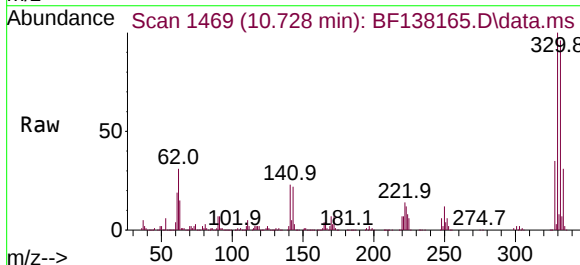
Instrument :
BNA_F
ClientSampleId :
SW-02

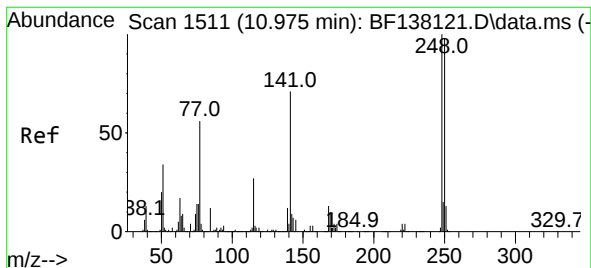
Tgt Ion:188 Resp: 1294185
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.0 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.699 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:198 Resp: 1460
Ion Ratio Lower Upper
198 100
51 137.1 28.2 68.2#
105 161.9 26.8 66.8#

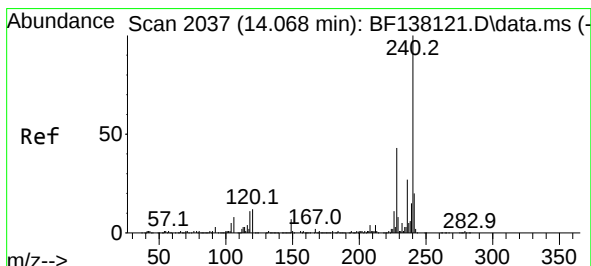
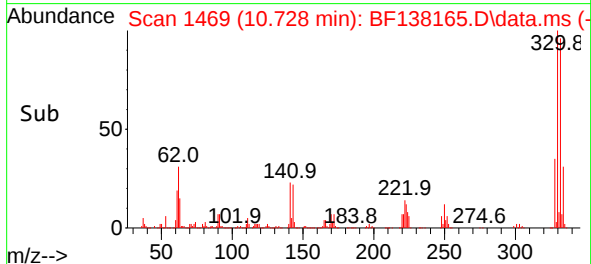
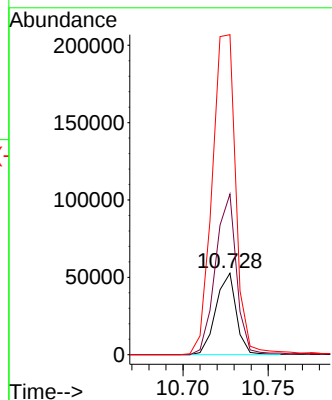
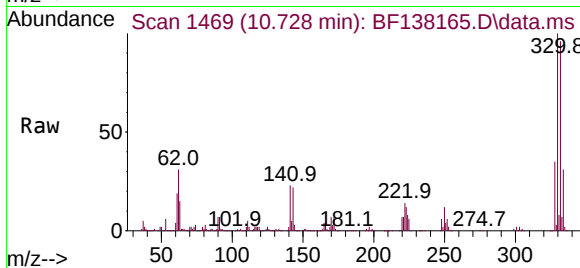




#67
4-Bromophenyl-phenylether
Concen: 2.996 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

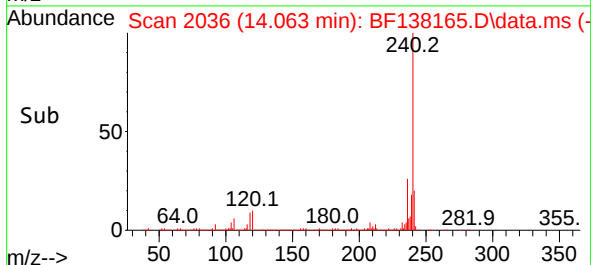
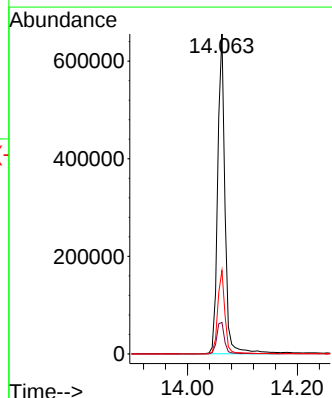
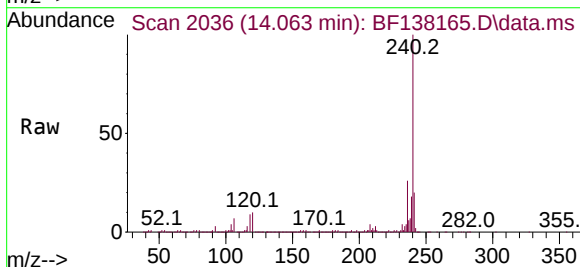
Instrument :
BNA_F
ClientSampleId :
SW-02

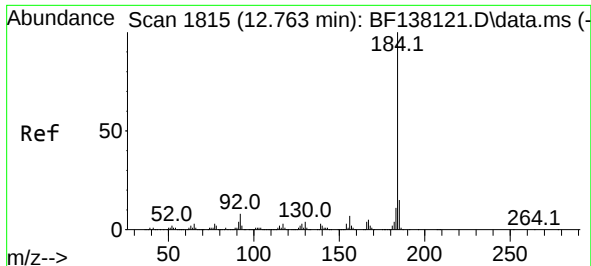
Tgt Ion:248 Resp: 44148
Ion Ratio Lower Upper
248 100
250 197.2 78.7 118.1#
141 392.7 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:240 Resp: 610285
Ion Ratio Lower Upper
240 100
120 9.9 9.8 14.8
236 26.1 21.2 31.8

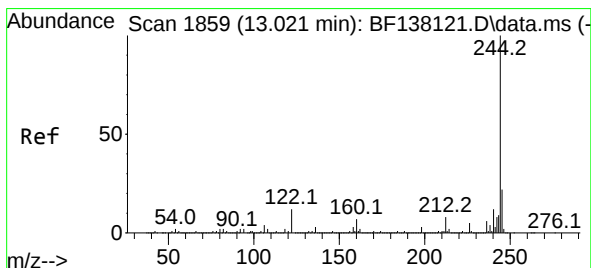
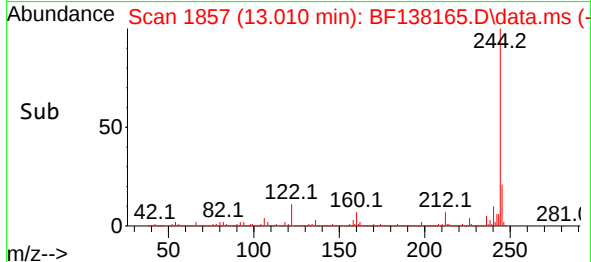
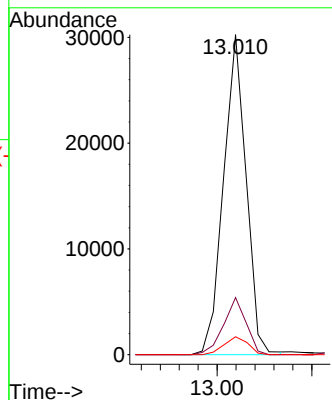
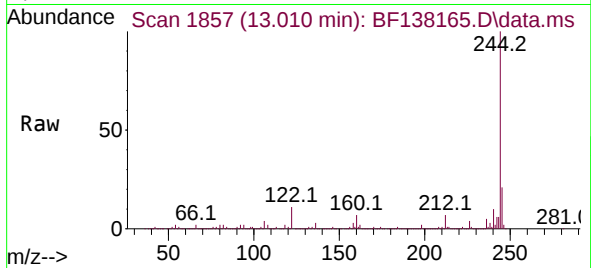




#77
Benzidine
Concen: 3.995 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.247 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

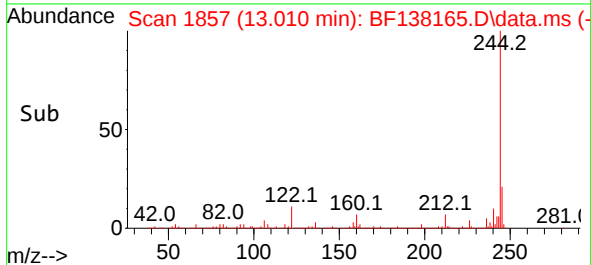
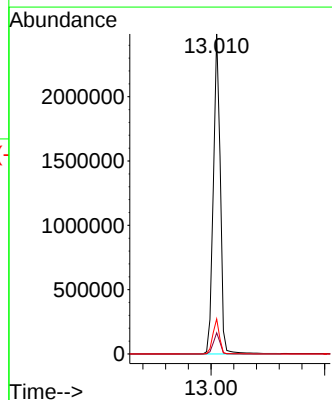
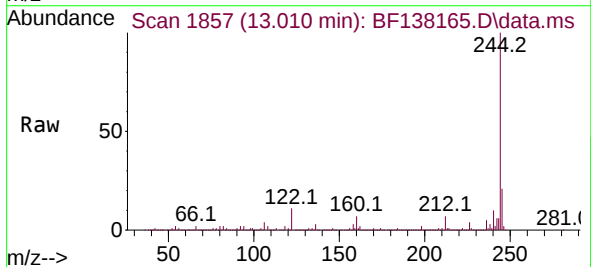
Instrument :
BNA_F
ClientSampleId :
SW-02

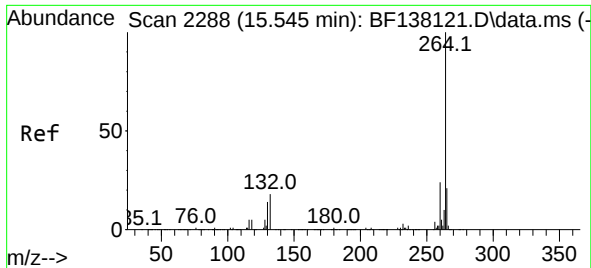
Tgt Ion:184 Resp: 25088
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 5.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 51.324 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:244 Resp: 2094096
Ion Ratio Lower Upper
244 100
212 6.6 6.4 9.6
122 11.0 9.4 14.2

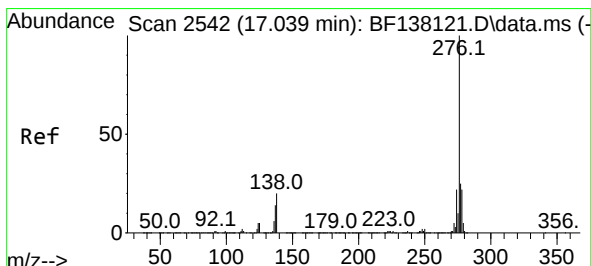
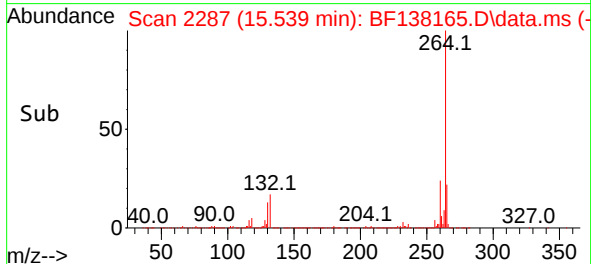
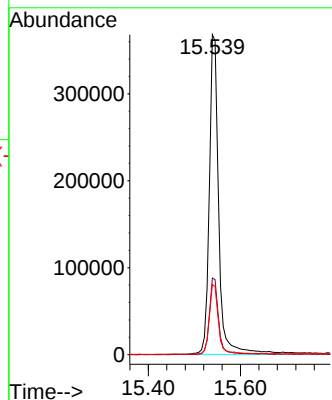
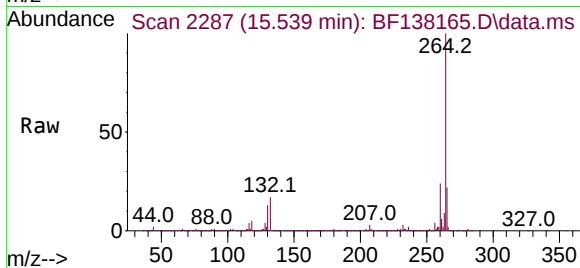




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

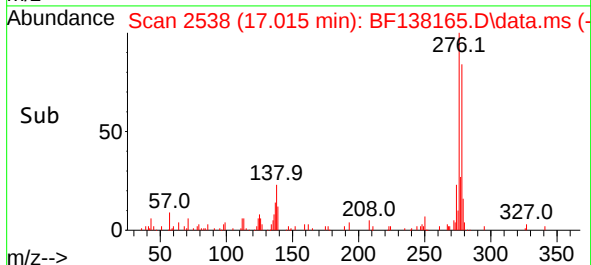
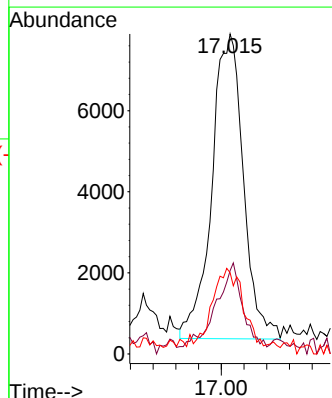
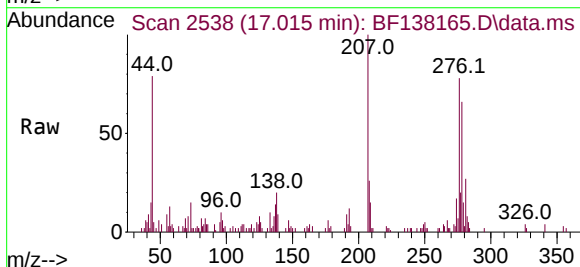
Instrument :
BNA_F
ClientSampleId :
SW-02

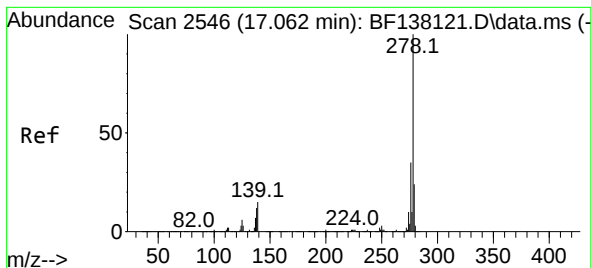
Tgt Ion:264 Resp: 525583
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.0 17.1 25.7



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.422 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.024 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:276 Resp: 28979
Ion Ratio Lower Upper
276 100
138 22.3 18.9 28.3
277 29.9 20.3 30.5





#91

Dibenzo(a,h)anthracene

Concen: 4.574 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF138165.D

Acq: 07 Jun 2024 17:35

Instrument :

BNA_F

ClientSampleId :

SW-02

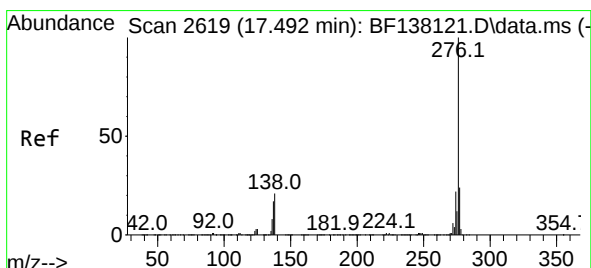
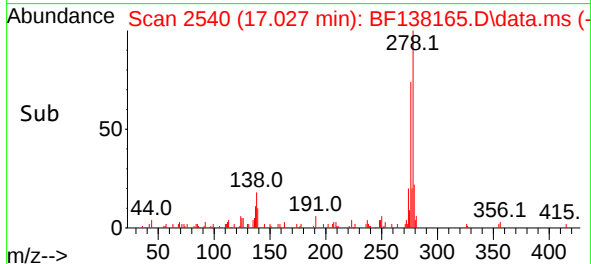
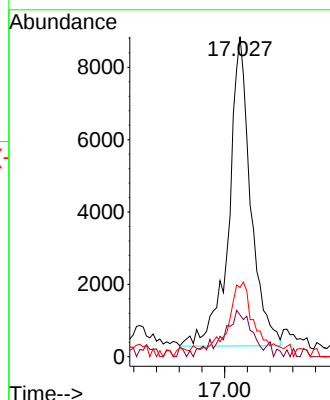
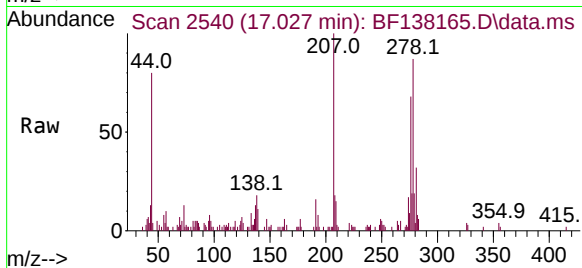
Tgt Ion:278 Resp: 22773

Ion Ratio Lower Upper

278 100

139 13.0 11.7 17.5

279 21.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 3.676 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.041 min

Lab File: BF138165.D

Acq: 07 Jun 2024 17:35

Tgt Ion:276 Resp: 17527

Ion Ratio Lower Upper

276 100

277 27.8 19.0 28.4

138 25.8 16.5 24.7#

