

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138153.D
 Acq On : 07 Jun 2024 11:33
 Operator : CG\JU
 Sample : PB161307BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161307BL

Quant Time: Jun 07 12:25:32 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)

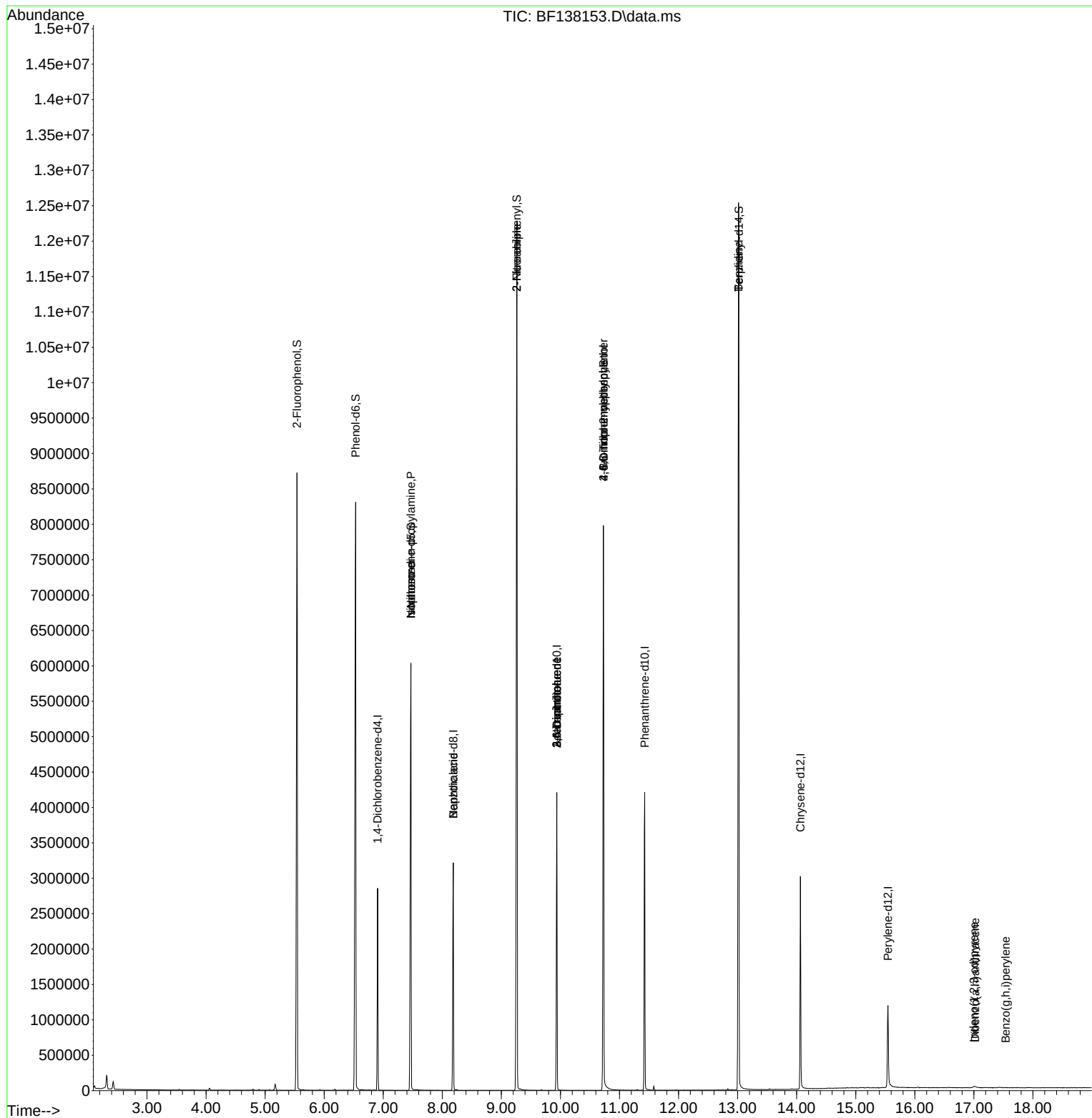
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	371866	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1441940	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	830420	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1544682	20.000	ng	0.00
76) Chrysene-d12	14.063	240	970466	20.000	ng	0.00
86) Perylene-d12	15.545	264	610757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2885806	132.255	ng	0.01
7) Phenol-d6	6.534	99	3489364	126.392	ng	0.00
23) Nitrobenzene-d5	7.469	82	2143883	101.158	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	1144186	143.171	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4298392	90.507	ng	0.00
79) Terphenyl-d14	13.021	244	5198211	80.118	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.534	77	5244	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.469	70	290970	16.529	ng	# 76
25) Isophorone	7.469	82	2141387	45.864	ng	# 63
32) Benzoic acid	8.186	122	258	7.957	ng	# 1
48) 2-Nitroaniline	9.263	65	6858	5.331	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	106438	12.135	ng	# 25
53) 3-Nitroaniline	9.939	138	70	2.950	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	106440	11.058	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.727	198	2834	8.896	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	72253	4.108	ng	# 1
77) Benzidine	13.015	184	70513	7.061	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.003	276	14374	3.884	ng	# 74
91) Dibenzo(a,h)anthracene	17.021	278	17939	4.278	ng	# 94
92) Benzo(g,h,i)perylene	17.539	276	394	2.997	ng	# 54

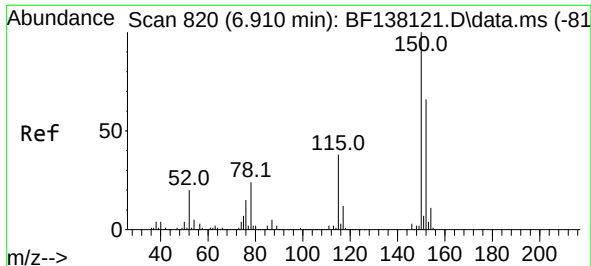
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
Data File : BF138153.D
Acq On : 07 Jun 2024 11:33
Operator : CG\JU
Sample : PB161307BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161307BL

Quant Time: Jun 07 12:25:32 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

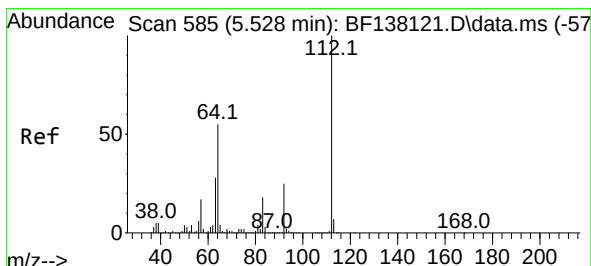
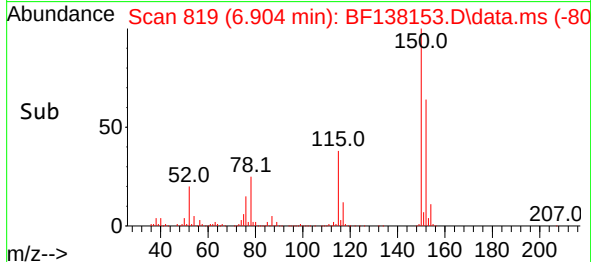
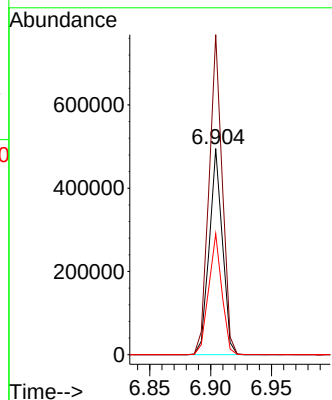
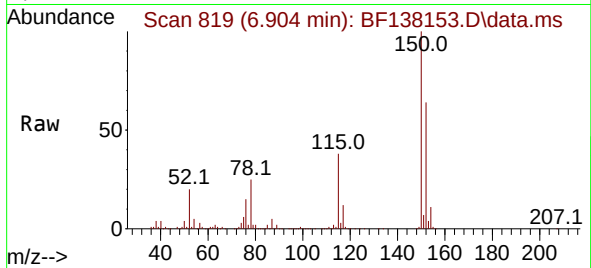




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138153.D
 Acq: 07 Jun 2024 11:33

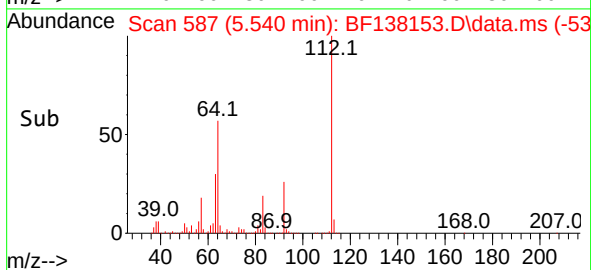
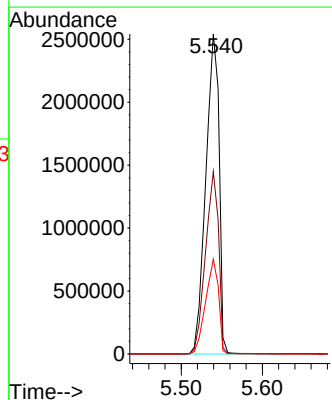
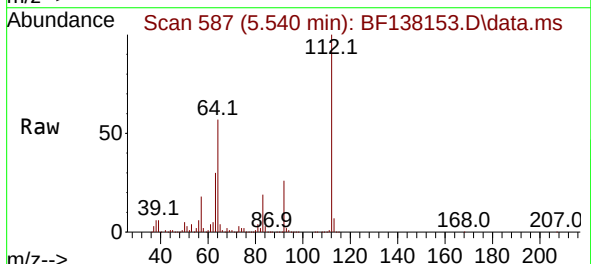
Instrument :
 BNA_F
 ClientSampleId :
 PB161307BL

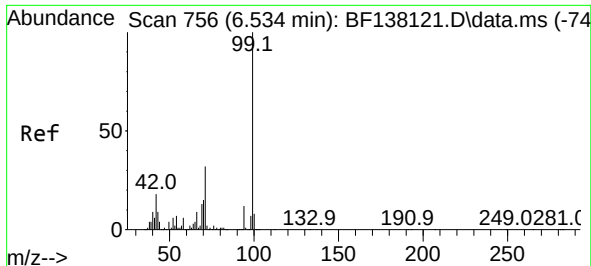
Tgt Ion:152 Resp: 371866
 Ion Ratio Lower Upper
 152 100
 150 155.3 121.8 182.6
 115 58.7 46.2 69.2



#5
 2-Fluorophenol
 Concen: 132.255 ng
 RT: 5.540 min Scan# 587
 Delta R.T. 0.012 min
 Lab File: BF138153.D
 Acq: 07 Jun 2024 11:33

Tgt Ion:112 Resp: 2885806
 Ion Ratio Lower Upper
 112 100
 64 57.0 44.0 66.0
 63 29.6 22.1 33.1



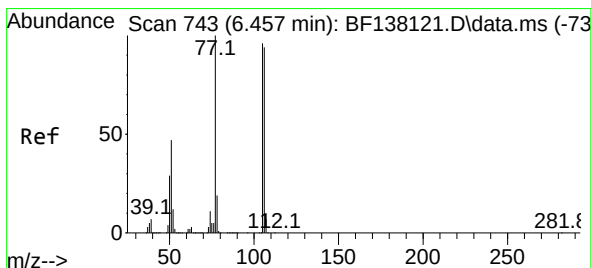
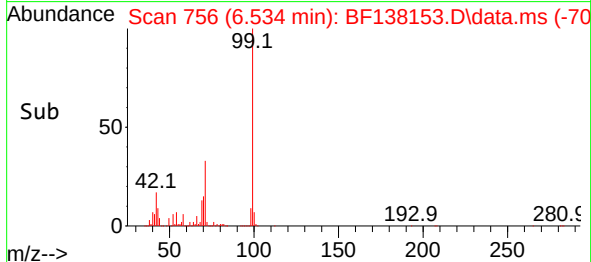
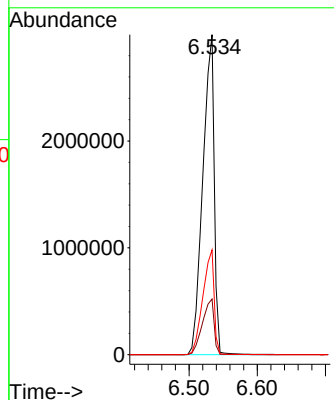
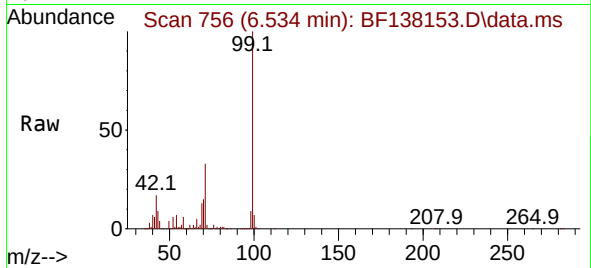


#7
Phenol-d6
Concen: 126.392 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Instrument :
BNA_F
ClientSampleId :
PB161307BL

Tgt Ion: 99 Resp: 3489364

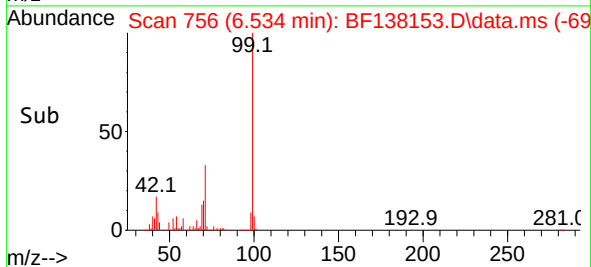
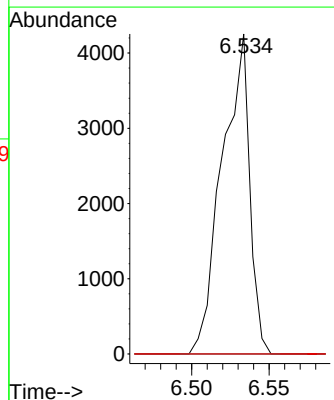
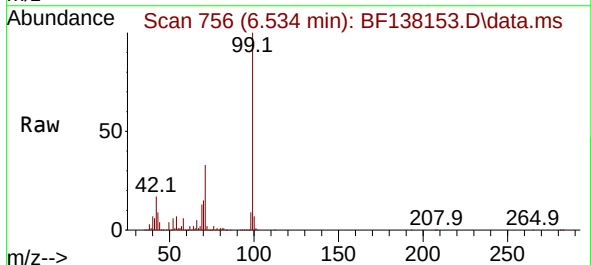
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	32.8	25.5	38.3

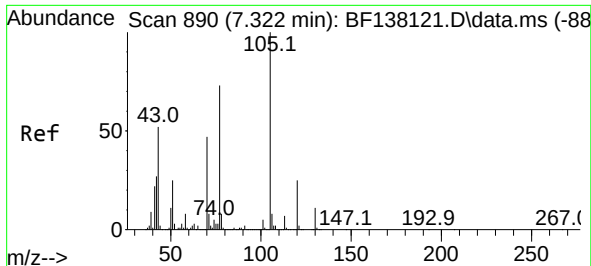


#9
Benzaldehyde
Concen: Below Cal
RT: 6.534 min Scan# 756
Delta R.T. 0.077 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion: 77 Resp: 5244

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

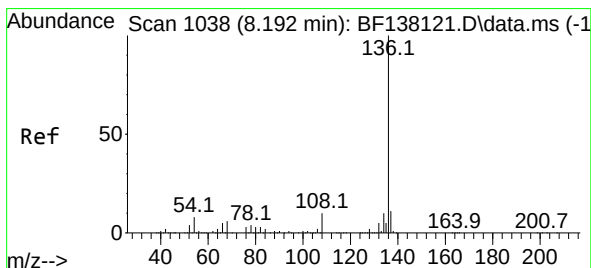
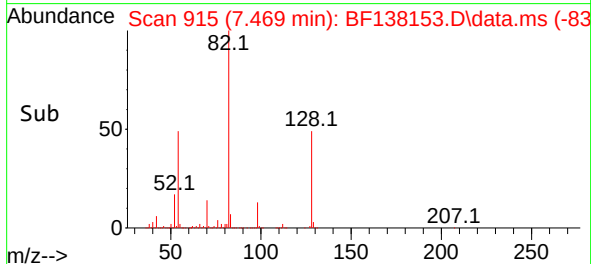
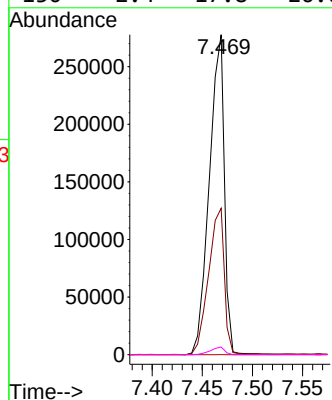
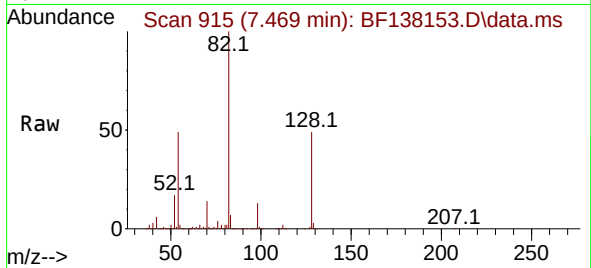




#19
n-Nitroso-di-n-propylamine
Concen: 16.529 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

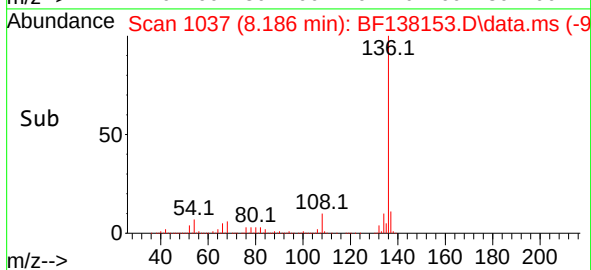
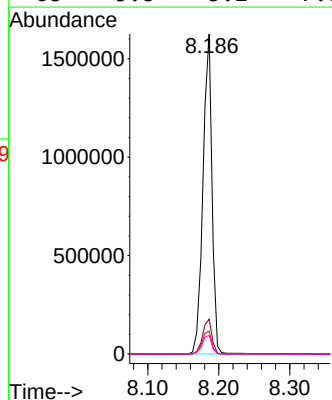
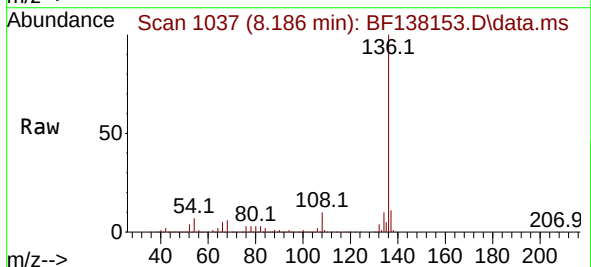
Instrument :
BNA_F
ClientSampleId :
PB161307BL

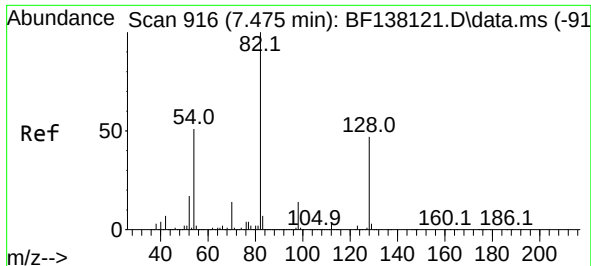
Tgt Ion: 70 Resp: 290970
Ion Ratio Lower Upper
70 100
42 45.7 46.3 69.5#
101 0.1 7.7 11.5#
130 2.4 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion: 136 Resp: 1441940
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.1 6.2 9.2
68 5.8 5.2 7.8

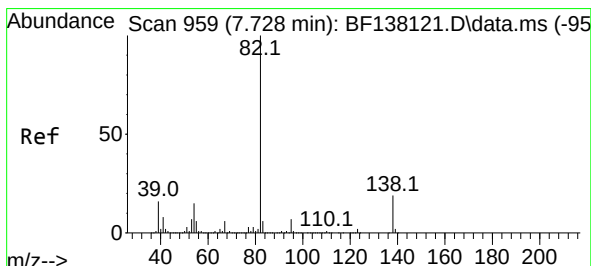
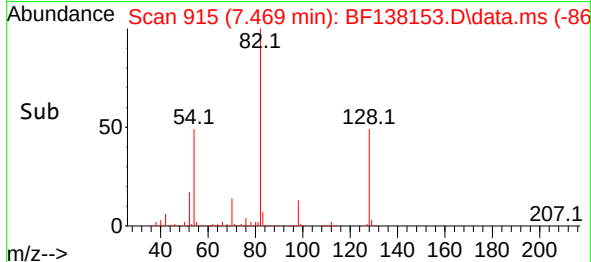
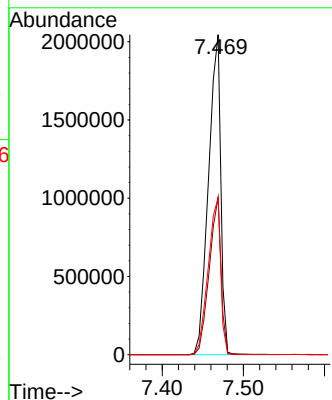
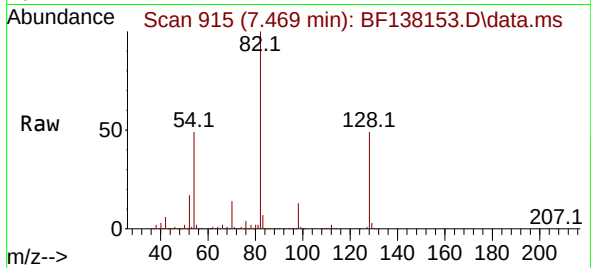




#23
Nitrobenzene-d5
Concen: 101.158 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

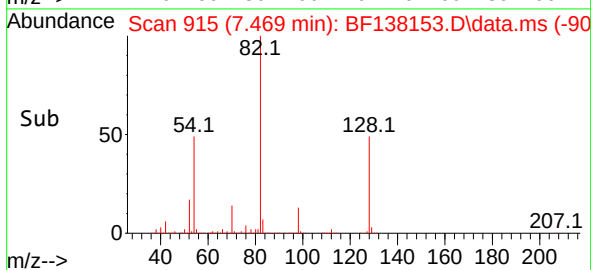
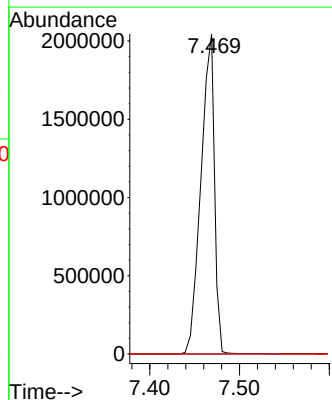
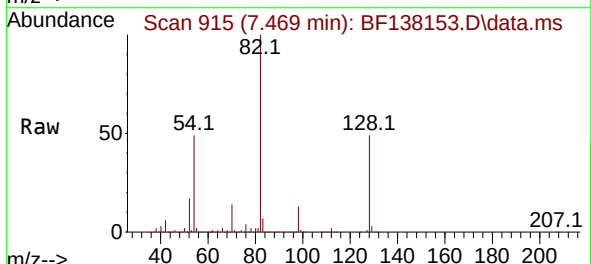
Instrument :
BNA_F
ClientSampleId :
PB161307BL

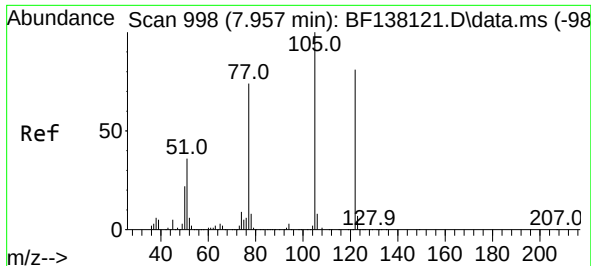
Tgt Ion: 82 Resp: 2143883
Ion Ratio Lower Upper
82 100
128 49.2 37.7 56.5
54 49.1 40.8 61.2



#25
Isophorone
Concen: 45.864 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion: 82 Resp: 2141387
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

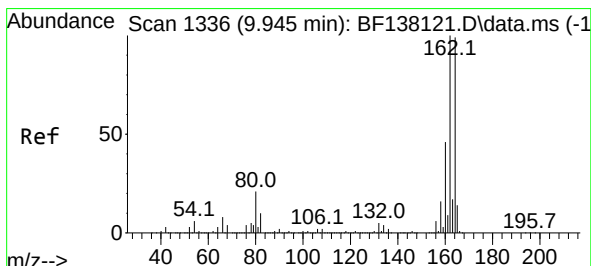
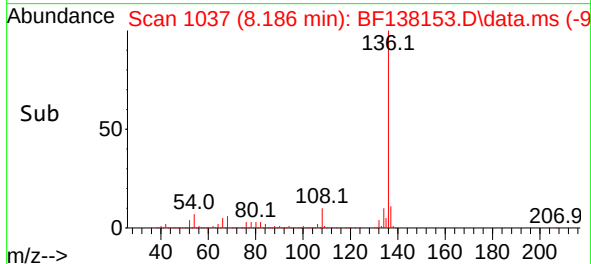
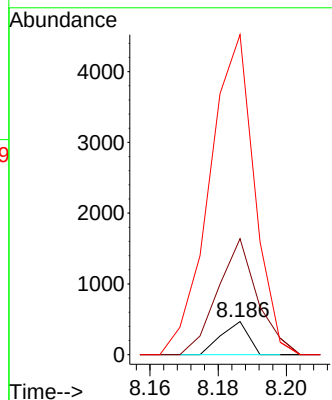
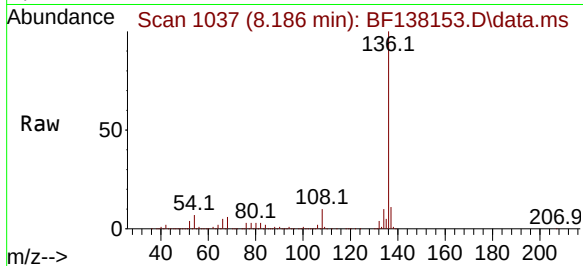




#32
Benzoic acid
Concen: 7.957 ng
RT: 8.186 min Scan# 10
Delta R.T. 0.229 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

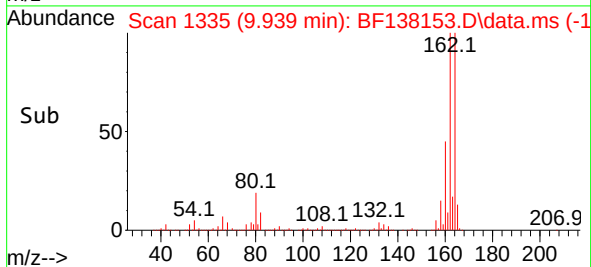
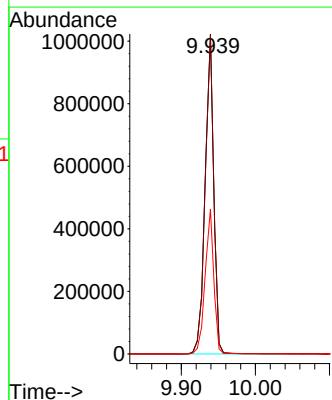
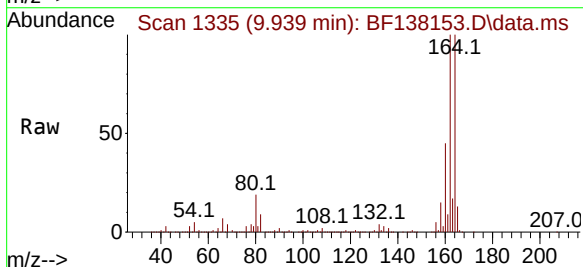
Instrument :
BNA_F
ClientSampleId :
PB161307BL

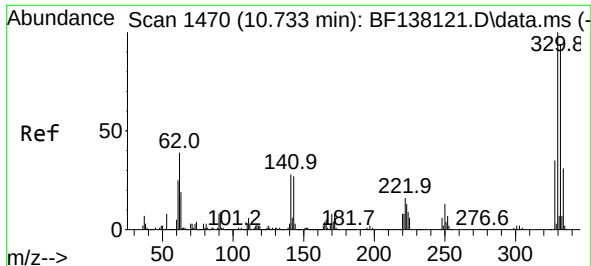
Tgt Ion:122 Resp: 258
Ion Ratio Lower Upper
122 100
105 351.0 102.8 142.8#
77 968.3 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion:164 Resp: 830420
Ion Ratio Lower Upper
164 100
162 100.4 80.9 121.3
160 45.5 37.0 55.6

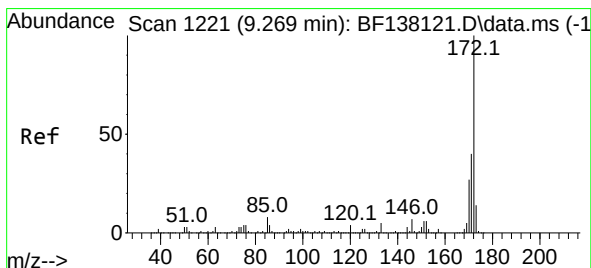
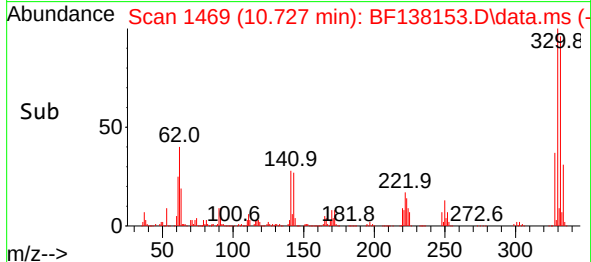
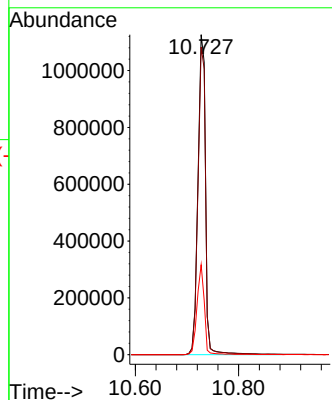
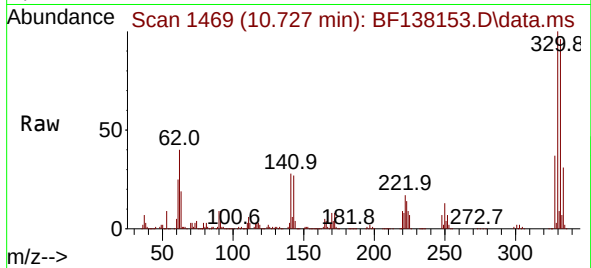




#42
2,4,6-Tribromophenol
Concen: 143.171 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

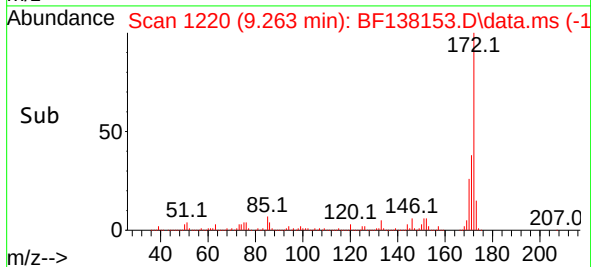
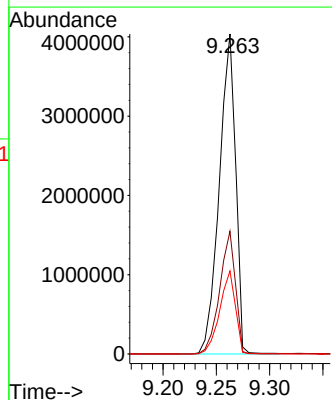
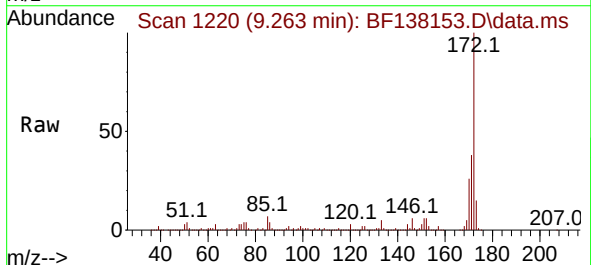
Instrument :
BNA_F
ClientSampleId :
PB161307BL

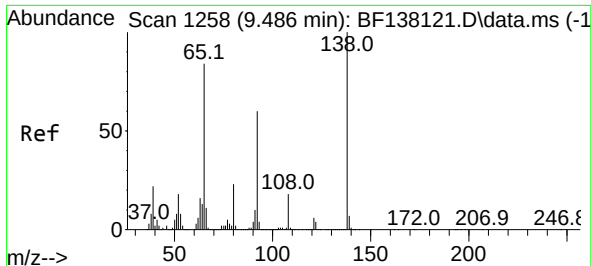
Tgt Ion:330 Resp: 1144186
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.8
141 27.4 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 90.507 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion:172 Resp: 4298392
Ion Ratio Lower Upper
172 100
171 38.4 31.6 47.4
170 26.0 21.4 32.2

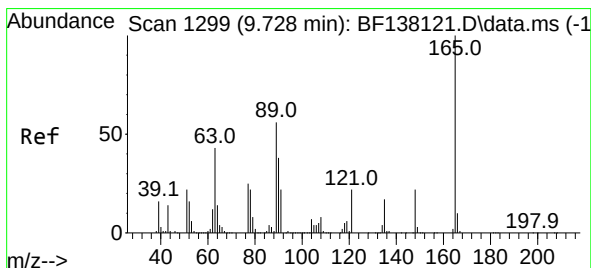
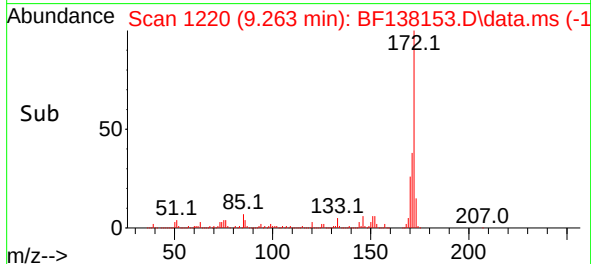
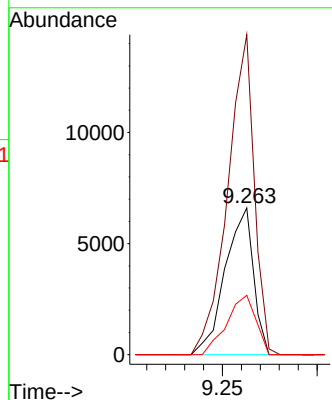
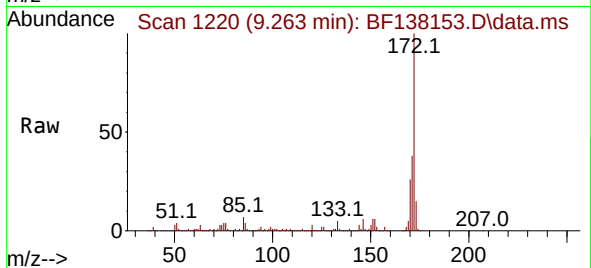




#48
2-Nitroaniline
Concen: 5.331 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

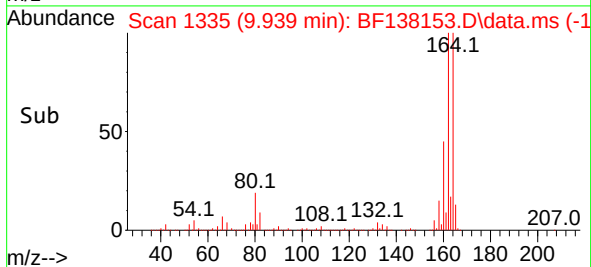
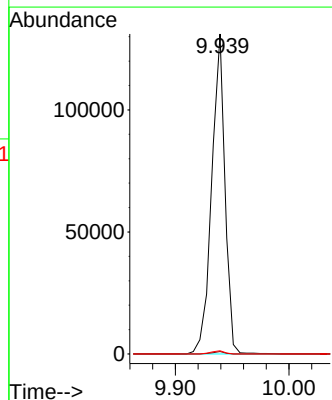
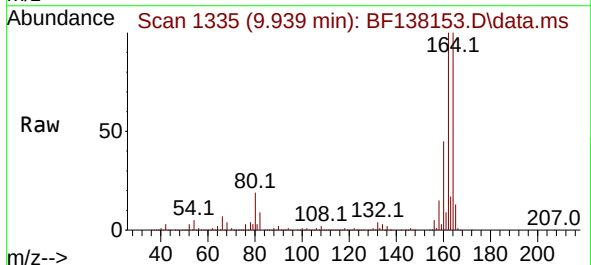
Instrument :
BNA_F
ClientSampleId :
PB161307BL

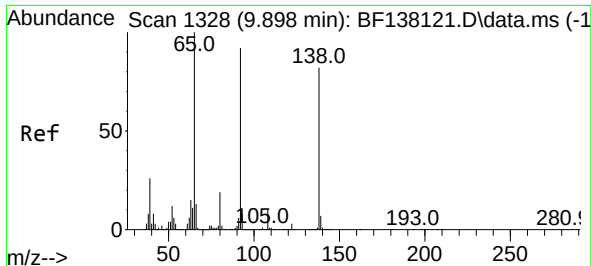
Tgt Ion: 65 Resp: 6858
Ion Ratio Lower Upper
65 100
92 218.1 57.3 85.9#
138 40.5 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.135 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.211 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion:165 Resp: 106438
Ion Ratio Lower Upper
165 100
63 0.7 42.9 64.3#
89 1.0 45.0 67.4#

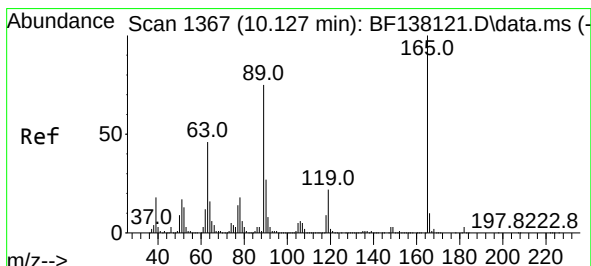
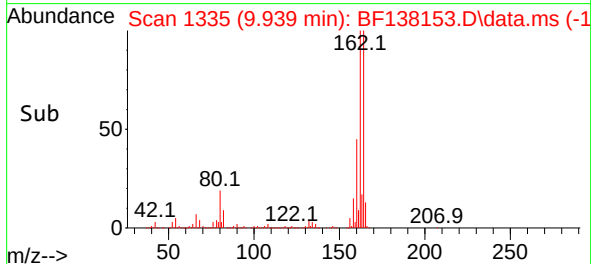
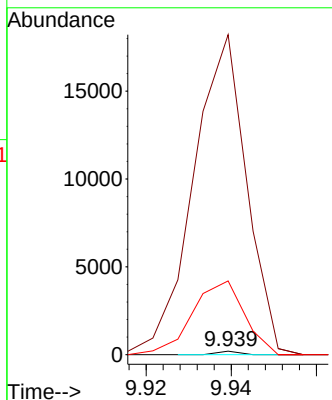
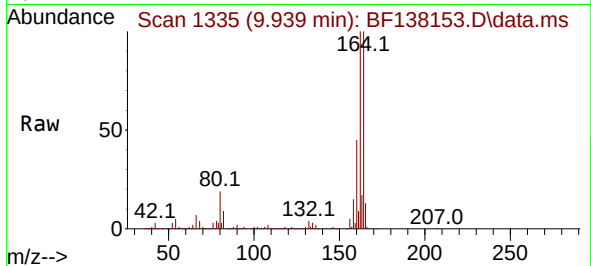




#53
3-Nitroaniline
Concen: 2.950 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

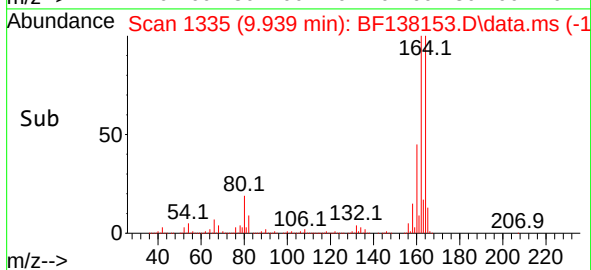
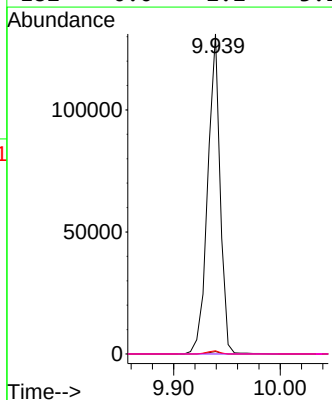
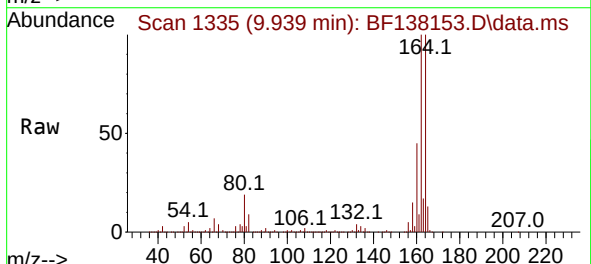
Instrument :
BNA_F
ClientSampleId :
PB161307BL

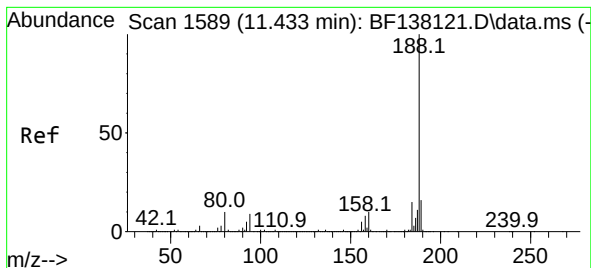
Tgt Ion:138 Resp: 70
Ion Ratio Lower Upper
138 100
108 9153.8 10.3 15.5#
92 2111.6 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.058 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion:165 Resp: 106440
Ion Ratio Lower Upper
165 100
63 0.7 36.8 55.2#
89 1.0 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: BF138153.D

Acq: 07 Jun 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB161307BL

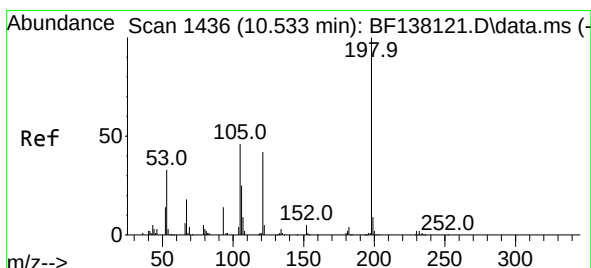
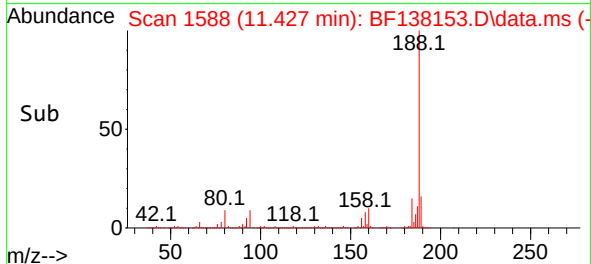
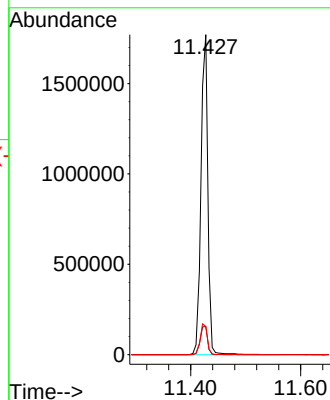
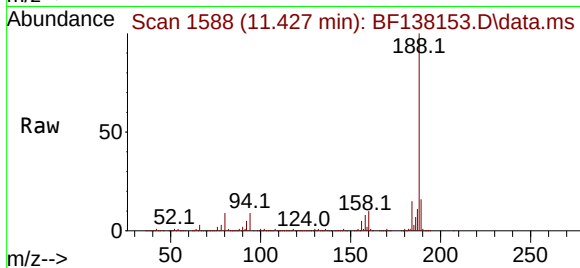
Tgt Ion:188 Resp: 1544682

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 8.9 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.896 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.194 min

Lab File: BF138153.D

Acq: 07 Jun 2024 11:33

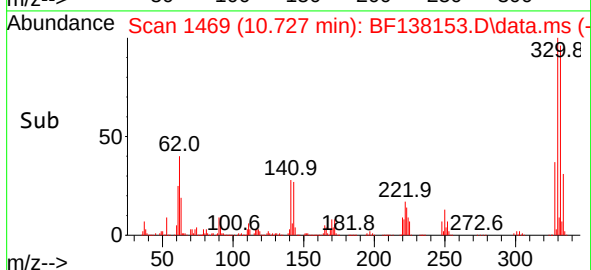
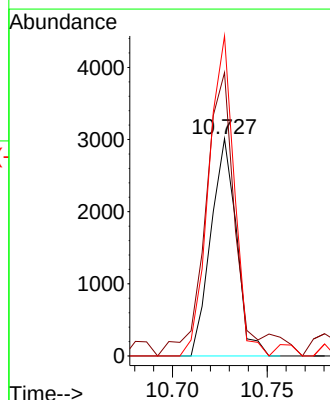
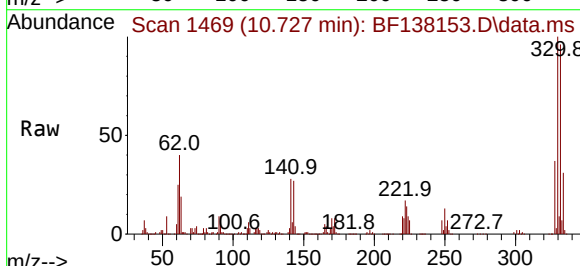
Tgt Ion:198 Resp: 2834

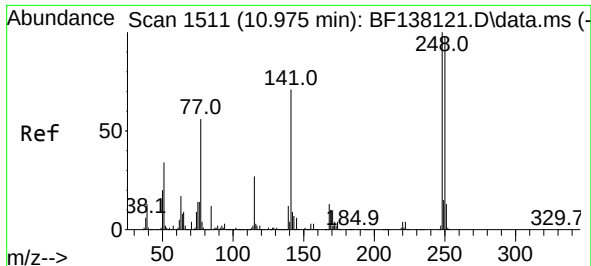
Ion Ratio Lower Upper

198 100

51 130.4 28.2 68.2#

105 147.2 26.8 66.8#

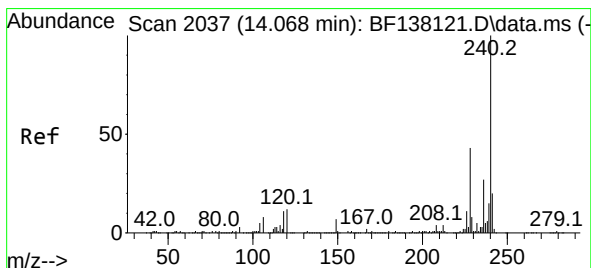
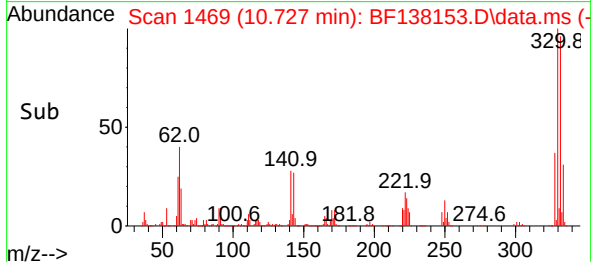
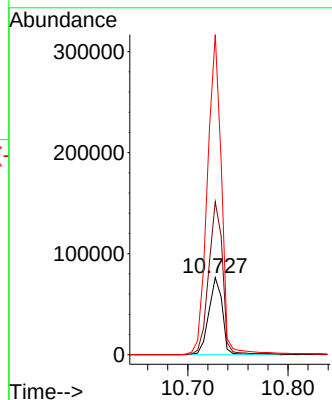
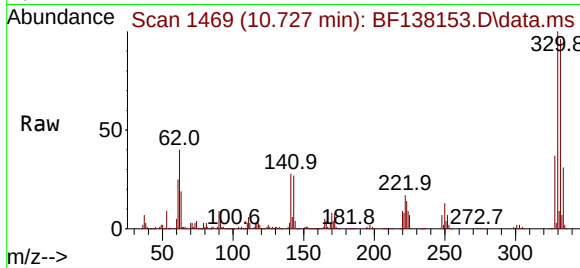




#67
4-Bromophenyl-phenylether
Concen: 4.108 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

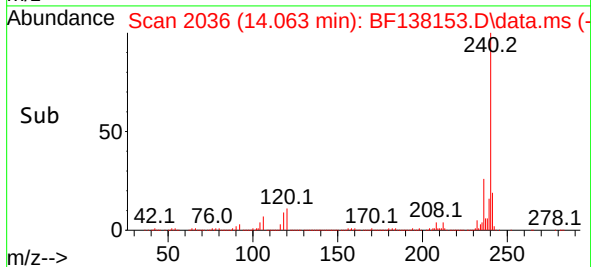
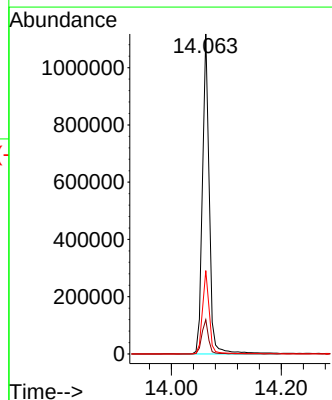
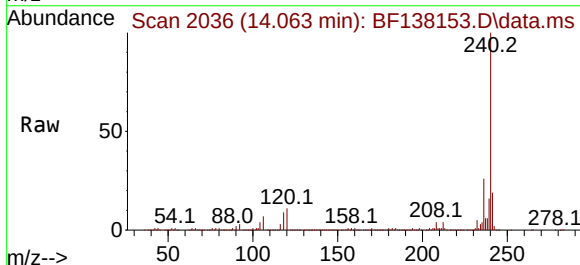
Instrument :
BNA_F
ClientSampleId :
PB161307BL

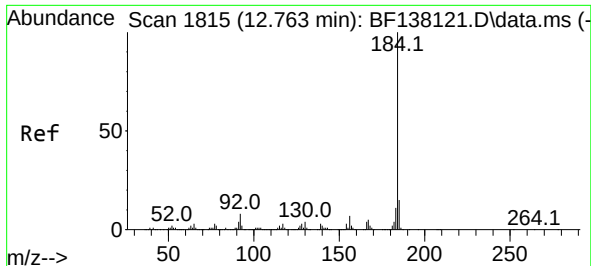
Tgt Ion:248 Resp: 72253
Ion Ratio Lower Upper
248 100
250 198.3 78.7 118.1#
141 414.7 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion:240 Resp: 970466
Ion Ratio Lower Upper
240 100
120 10.7 9.8 14.8
236 26.1 21.2 31.8

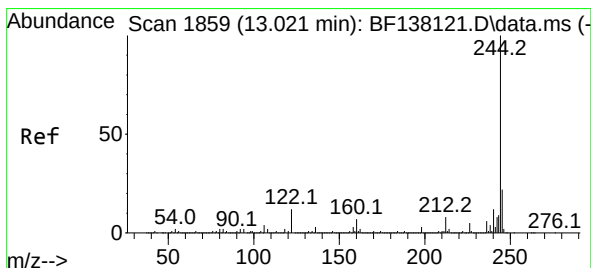
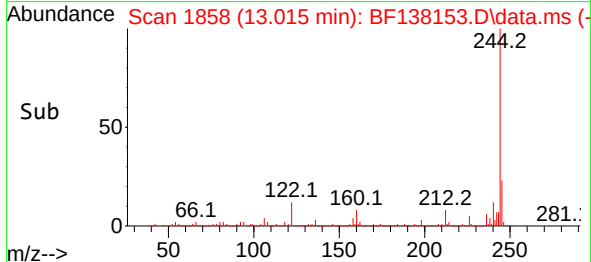
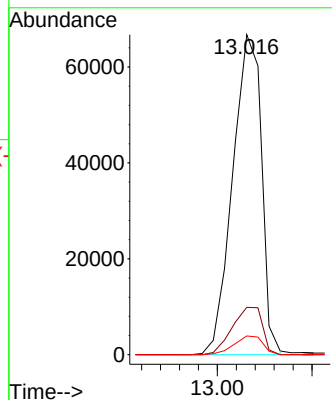
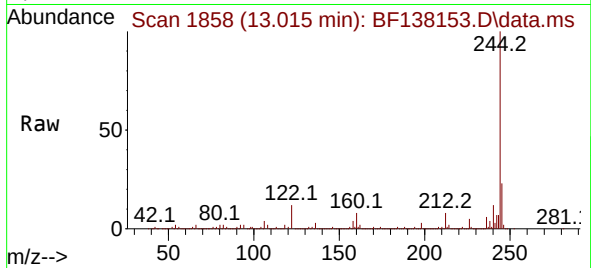




#77
Benzidine
Concen: 7.061 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

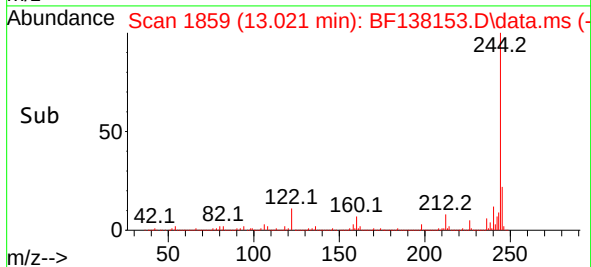
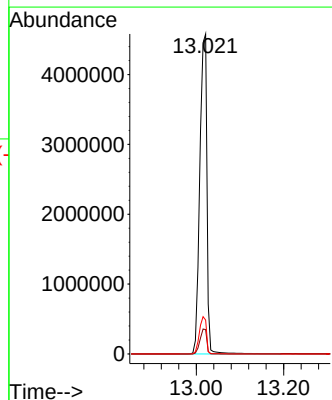
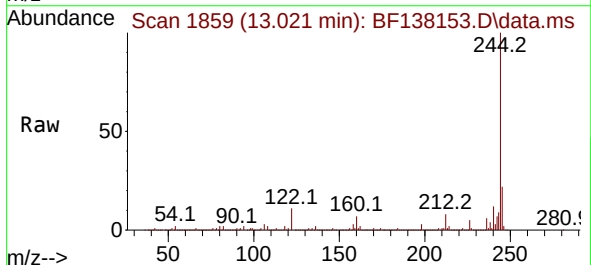
Instrument :
BNA_F
ClientSampleId :
PB161307BL

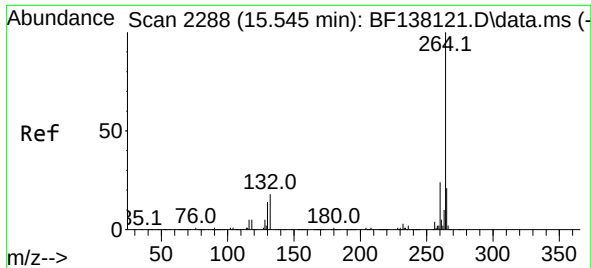
Tgt Ion:184 Resp: 70513
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 5.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 80.118 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion:244 Resp: 5198211
Ion Ratio Lower Upper
244 100
212 7.6 6.4 9.6
122 10.6 9.4 14.2



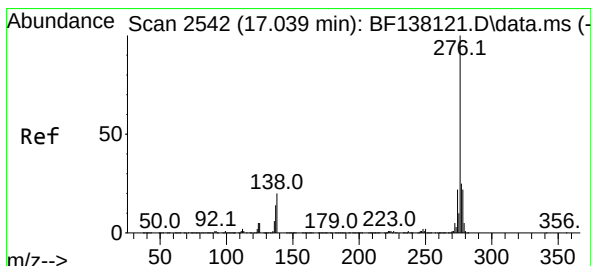
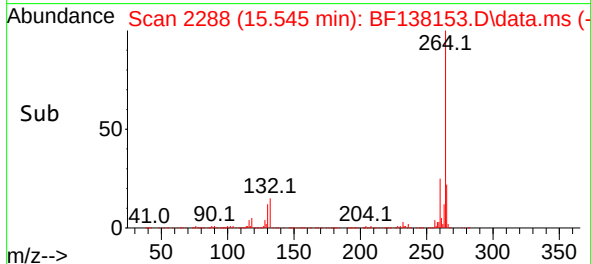
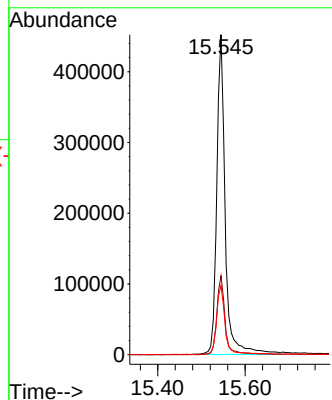
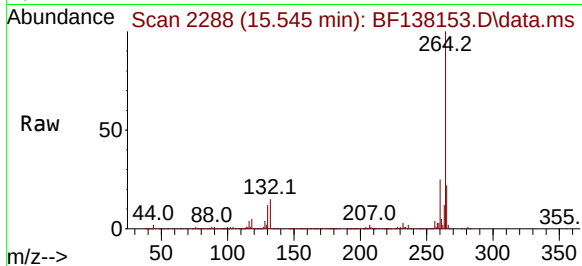


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Instrument :
BNA_F
ClientSampleId :
PB161307BL

Tgt Ion:264 Resp: 610757

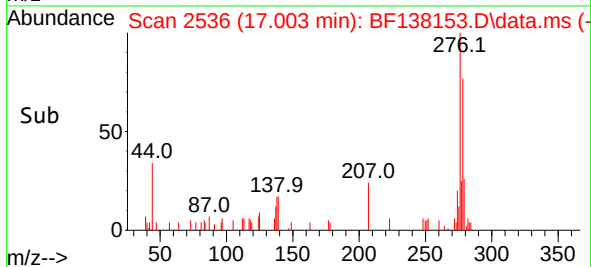
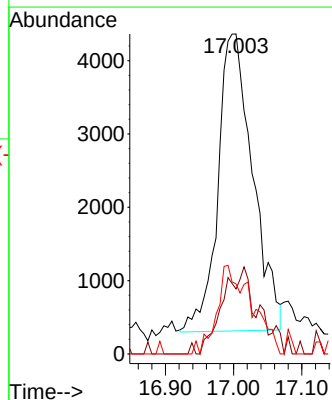
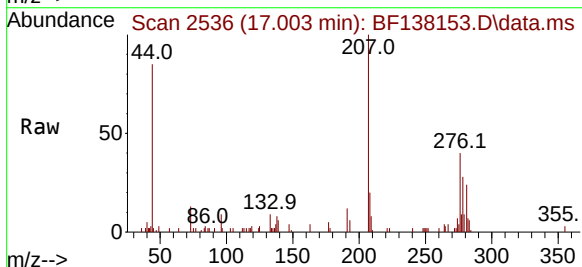
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	17.1	25.7

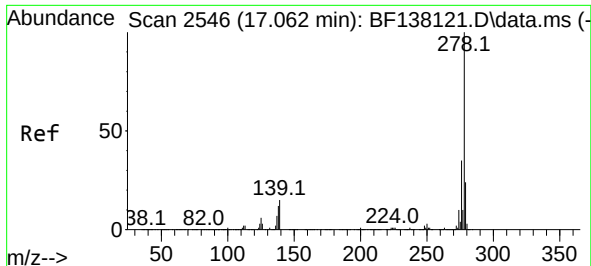


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.884 ng
RT: 17.003 min Scan# 2536
Delta R.T. -0.036 min
Lab File: BF138153.D
Acq: 07 Jun 2024 11:33

Tgt Ion:276 Resp: 14374

Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.9	28.3
277	0.0	20.3	30.5





#91

Dibenzo(a,h)anthracene

Concen: 4.278 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF138153.D

Acq: 07 Jun 2024 11:33

Instrument :

BNA_F

ClientSampleId :

PB161307BL

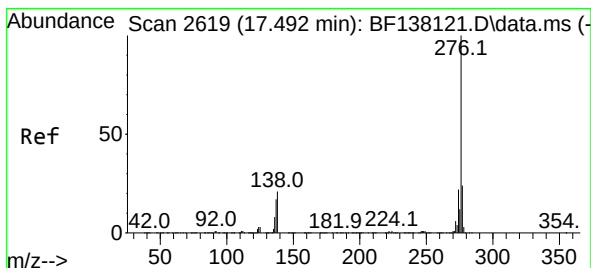
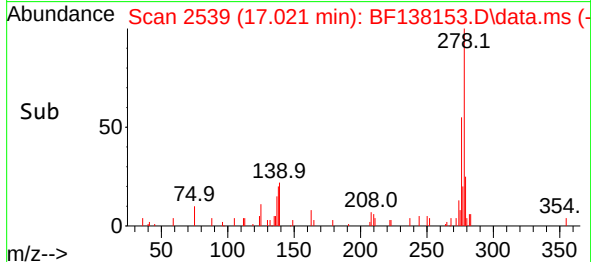
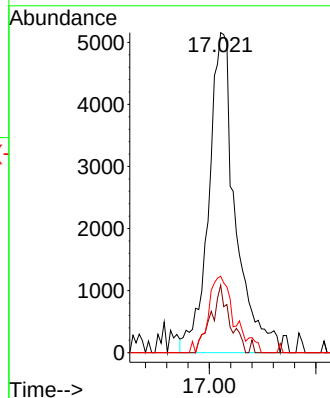
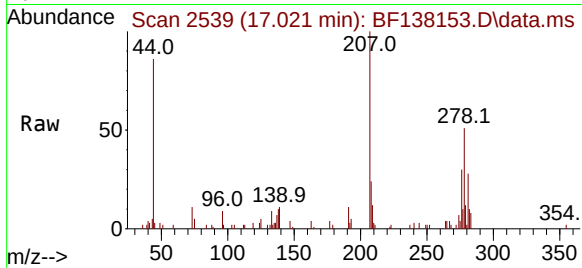
Tgt Ion:278 Resp: 17939

Ion Ratio Lower Upper

278 100

139 21.1 11.7 17.5#

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 2.997 ng

RT: 17.539 min Scan# 2627

Delta R.T. 0.047 min

Lab File: BF138153.D

Acq: 07 Jun 2024 11:33

Tgt Ion:276 Resp: 394

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 16.5 24.7#

