

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138331.D
 Acq On : 25 Jun 2024 13:35
 Operator : CG\JU
 Sample : P2998-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Quant Time: Jun 25 13:58:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

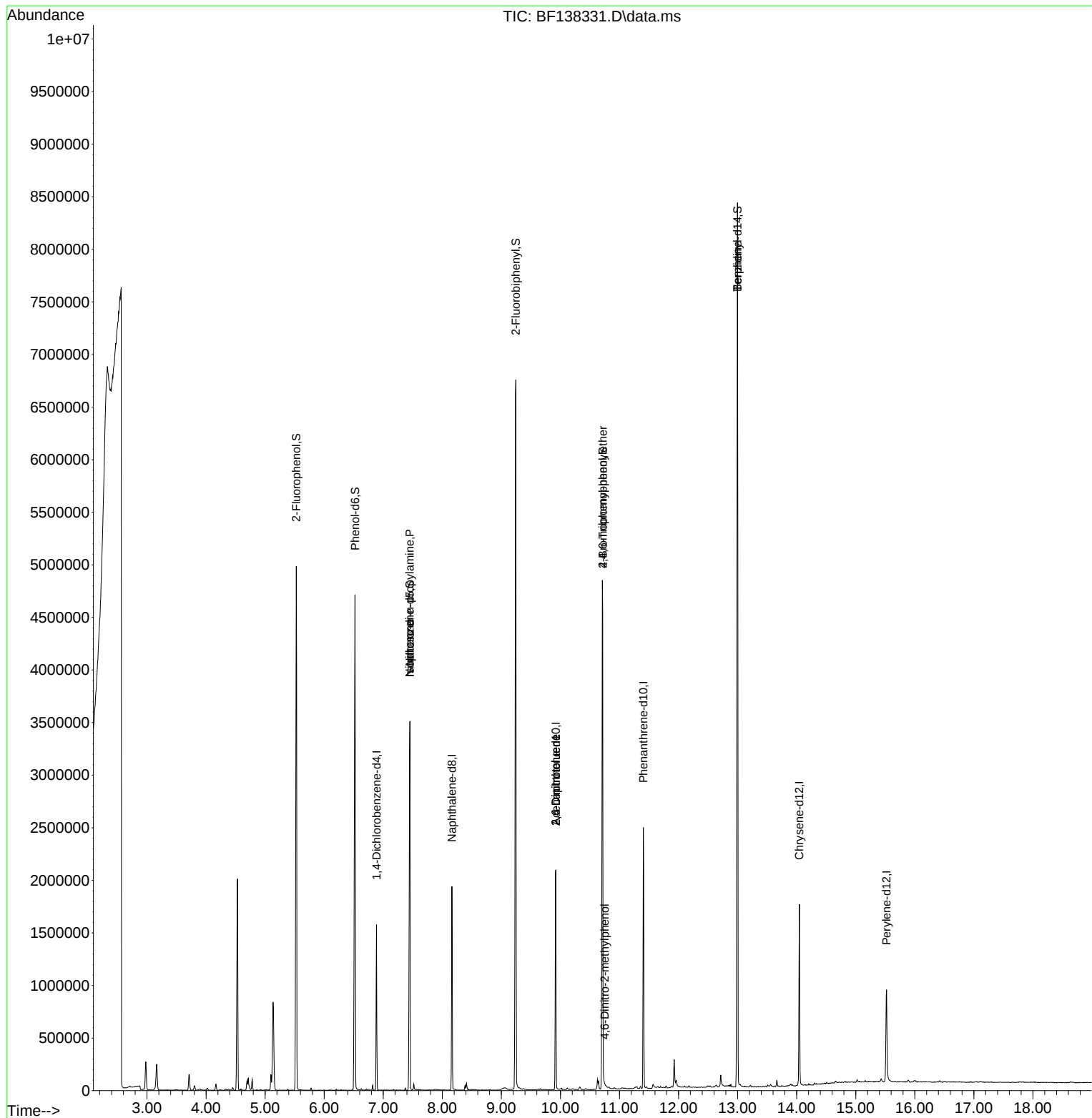
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	209466	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	813249	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	471477	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	920324	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	551960	20.000	ng	0.00
86) Perylene-d12	15.521	264	414495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1661253	132.670	ng	0.02
7) Phenol-d6	6.522	99	1999627	125.937	ng	0.00
23) Nitrobenzene-d5	7.451	82	1263469	90.445	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	774185	164.943	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2479388	83.622	ng	0.00
79) Terphenyl-d14	12.998	244	3412769	97.928	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	169600	18.020	ng	# 76
25) Isophorone	7.451	82	1262365	49.959	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	61335	9.787	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	61335	7.935	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.751	198	956	7.109	ng	# 86
67) 4-Bromophenyl-phenylether	10.716	248	49541	4.777	ng	# 1
77) Benzidine	12.998	184	44703	7.002	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138331.D
Acq On : 25 Jun 2024 13:35
Operator : CG\JU
Sample : P2998-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Quant Time: Jun 25 13:58:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

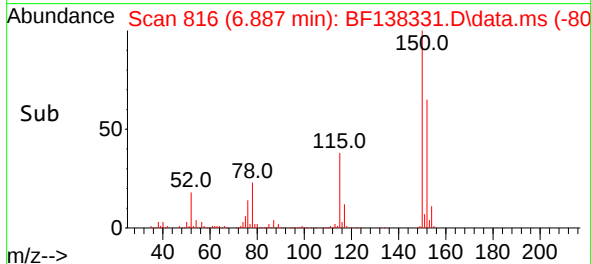
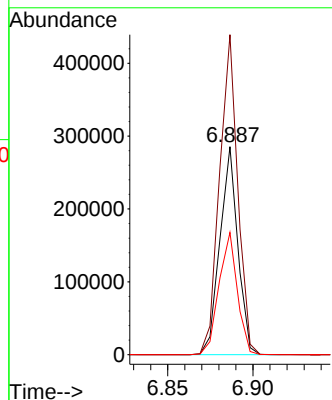
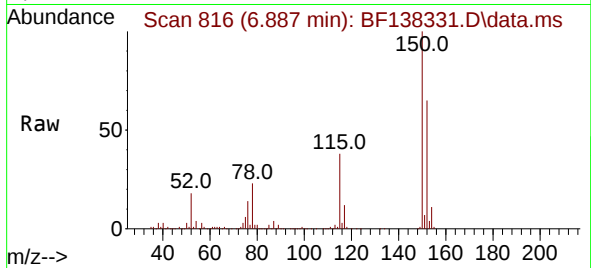




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

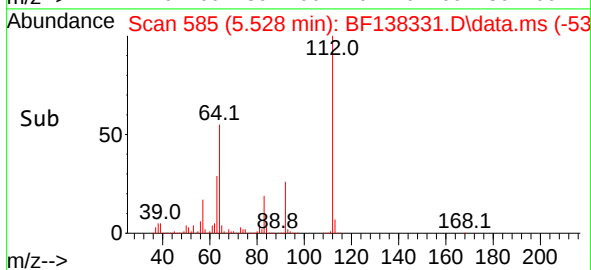
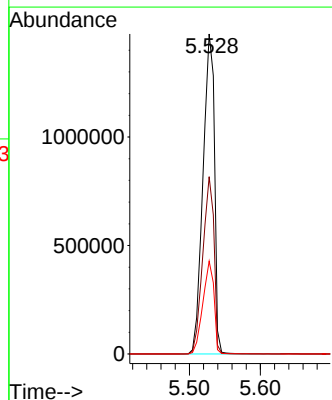
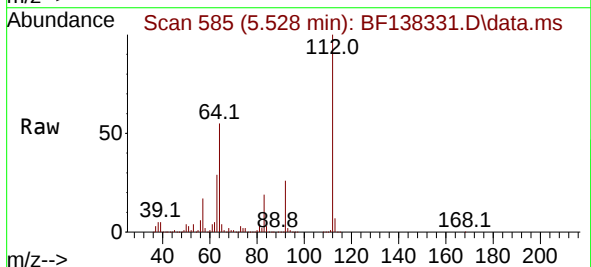
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion:152 Resp: 209466
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.4
115 58.8 48.4 72.6



#5
2-Fluorophenol
Concen: 132.670 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion:112 Resp: 1661253
Ion Ratio Lower Upper
112 100
64 55.4 45.2 67.8
63 29.0 22.9 34.3

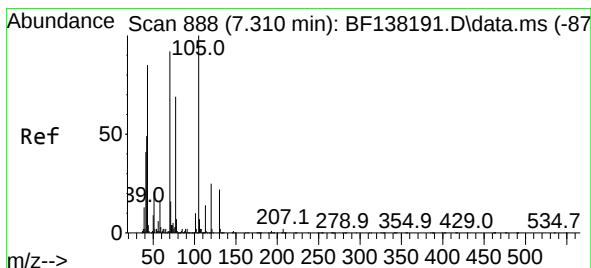
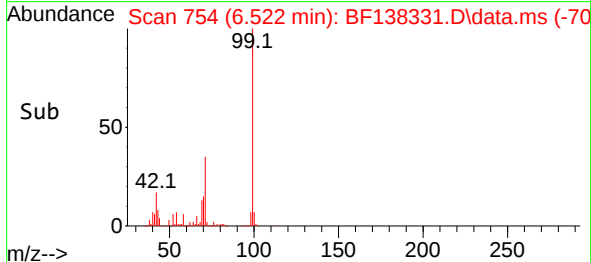
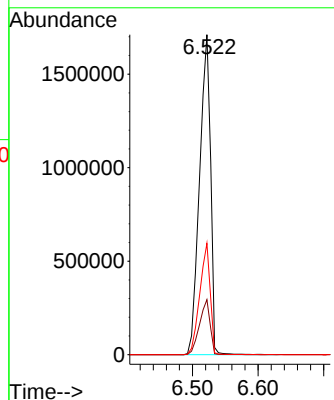
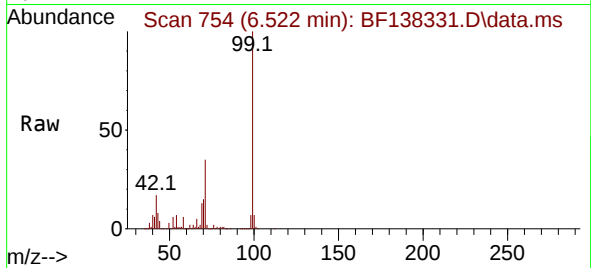




#7
Phenol-d6
Concen: 125.937 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

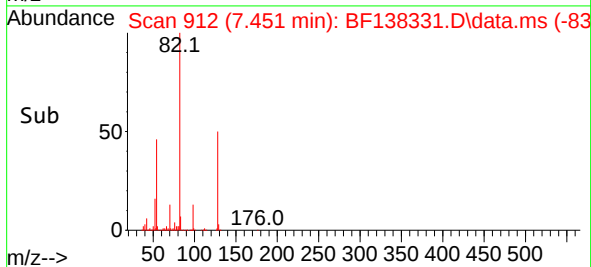
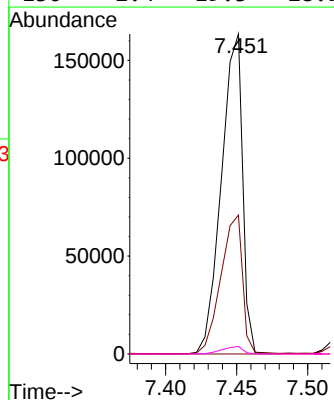
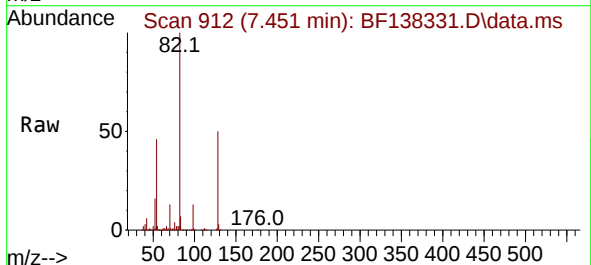
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

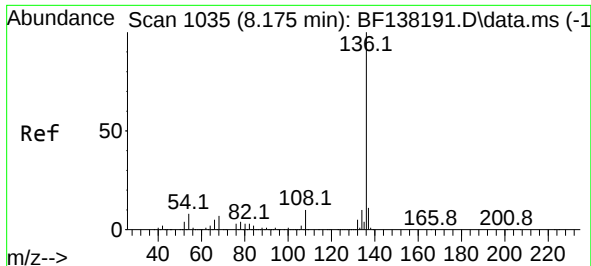
Tgt Ion: 99 Resp: 1999627
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 34.8 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.020 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion: 70 Resp: 169600
Ion Ratio Lower Upper
70 100
42 43.4 42.8 64.2
101 0.0 8.4 12.6#
130 2.4 19.3 28.9#

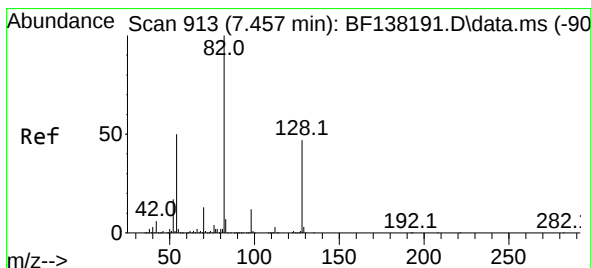
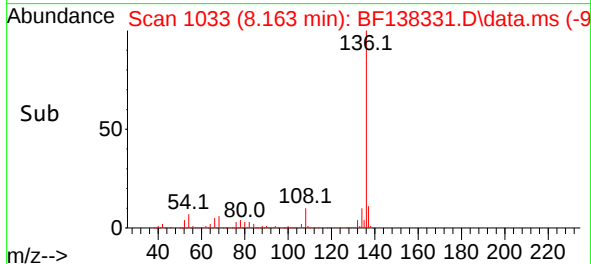
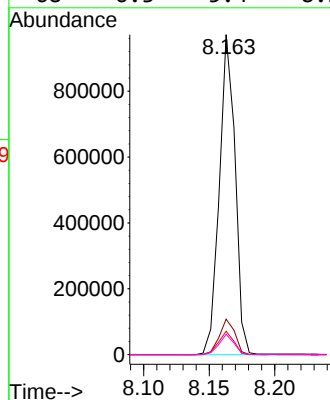
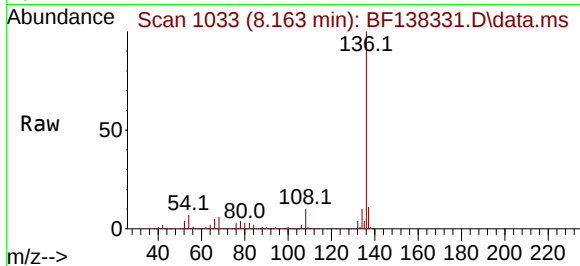




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

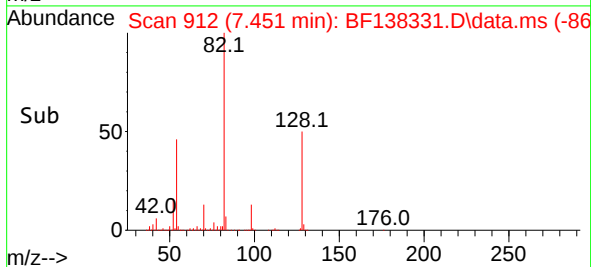
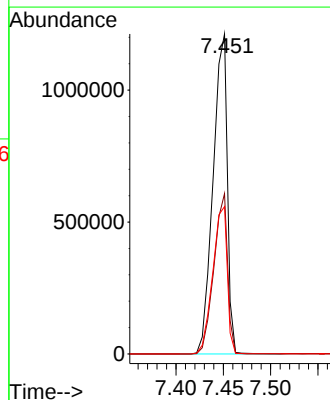
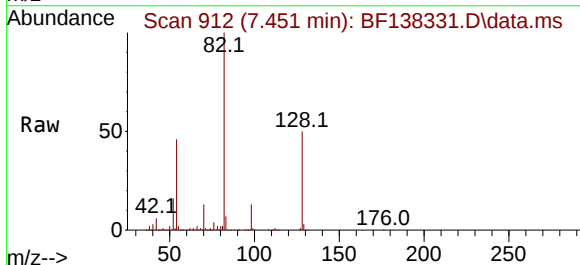
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion:	136	Resp:	813249
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	6.6	10.0
68	6.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 90.445 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion:	82	Resp:	1263469
Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.2	55.8
54	46.0	39.8	59.6

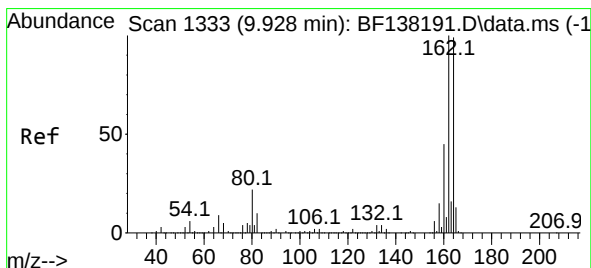
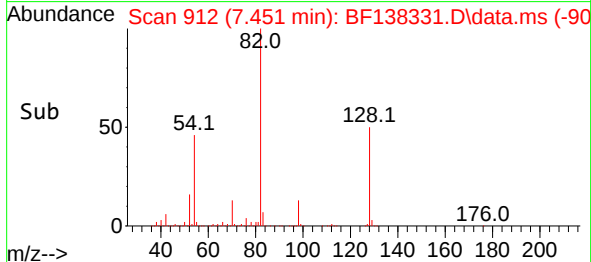
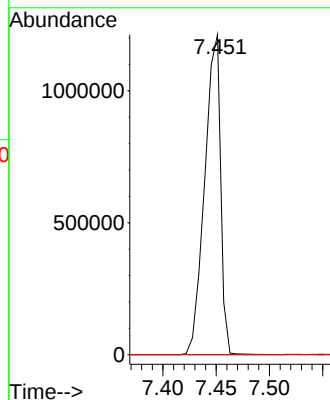
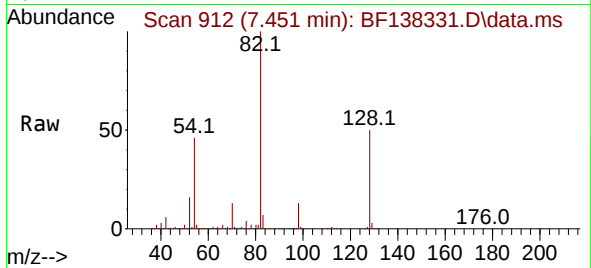




#25
Isophorone
Concen: 49.959 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

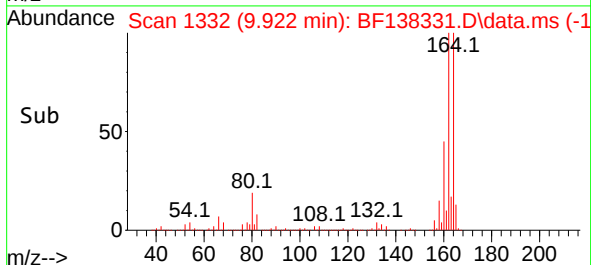
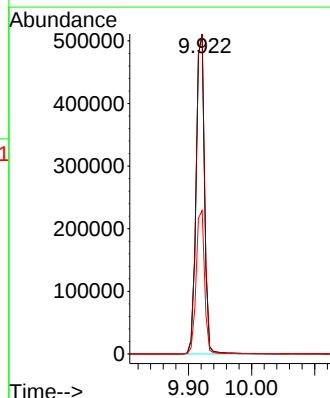
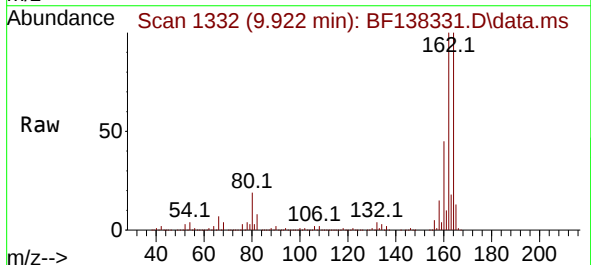
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion: 82 Resp: 1262365
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion: 164 Resp: 471477
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.9 36.3 54.5

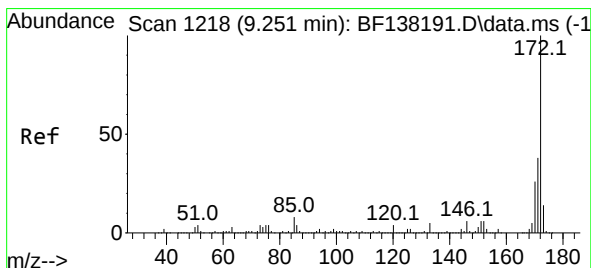
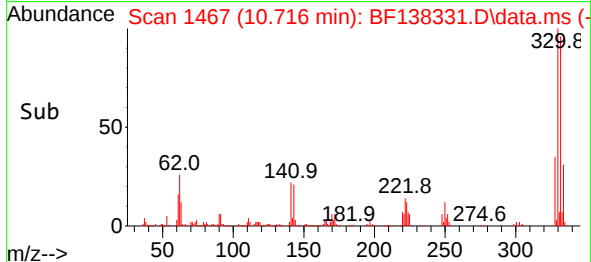
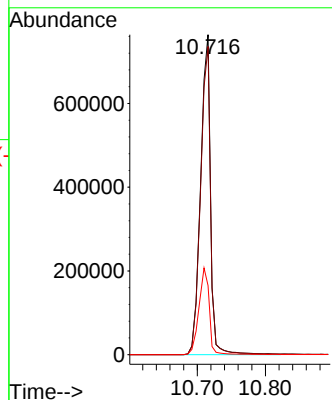
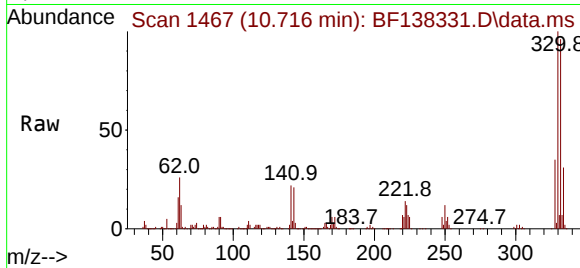




#42
 2,4,6-Tribromophenol
 Concen: 164.943 ng
 RT: 10.716 min Scan# 1467
 Delta R.T. -0.000 min
 Lab File: BF138331.D
 Acq: 25 Jun 2024 13:35

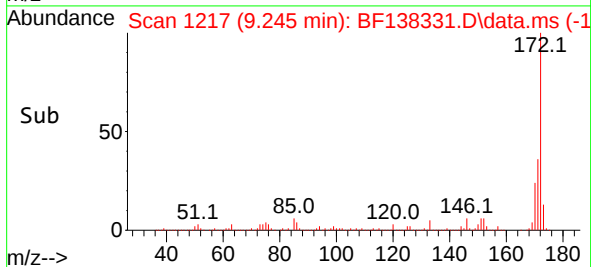
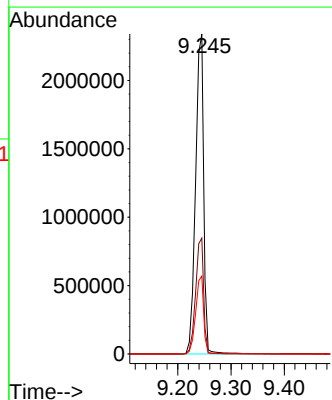
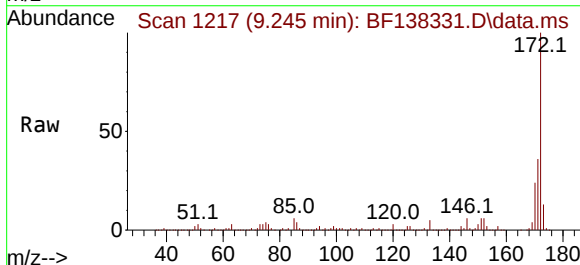
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

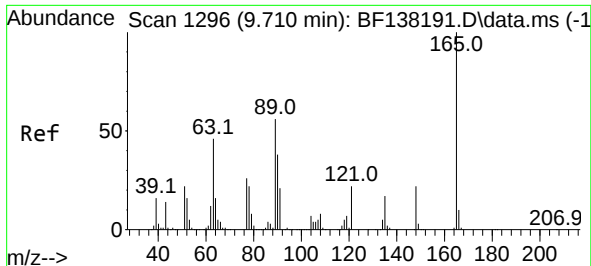
Tgt Ion:330 Resp: 774185
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 28.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 83.622 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF138331.D
 Acq: 25 Jun 2024 13:35

Tgt Ion:172 Resp: 2479388
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.3 45.5
 170 24.3 20.6 30.8

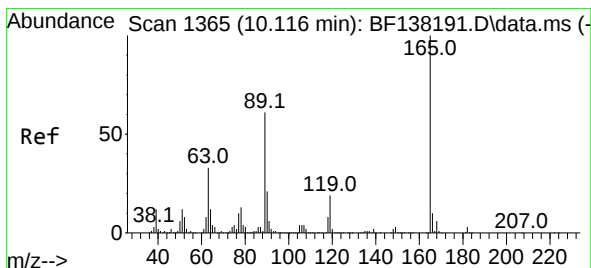
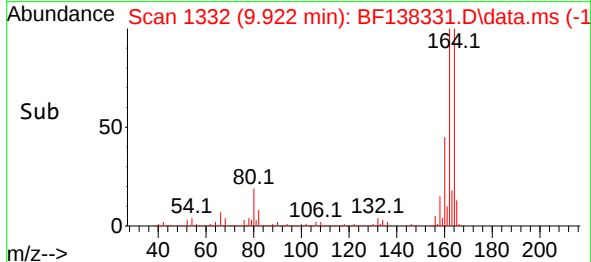
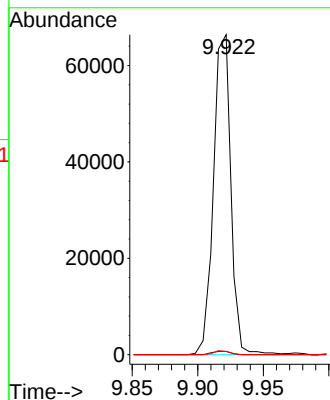
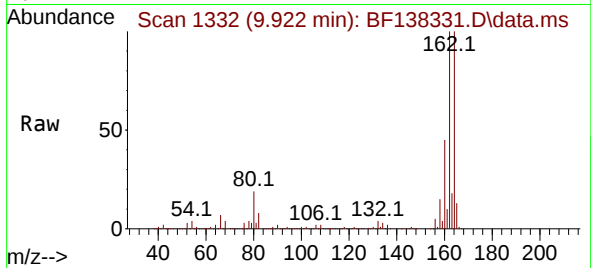




#51
2,6-Dinitrotoluene
Concen: 9.787 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

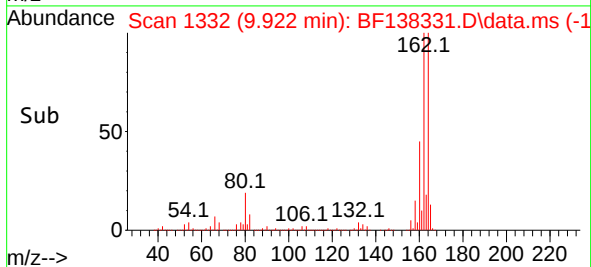
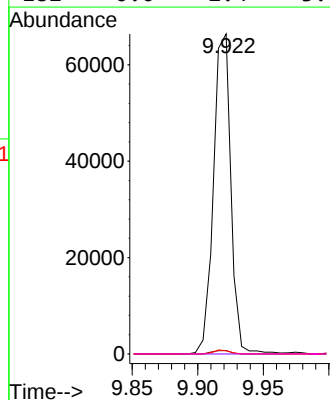
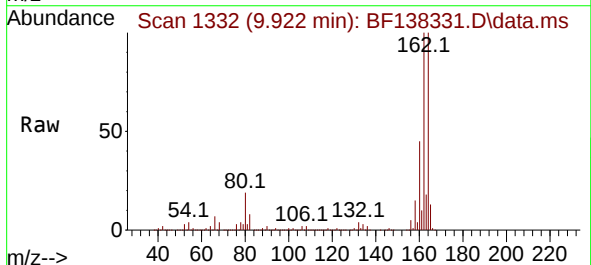
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion:165 Resp: 61335
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.935 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion:165 Resp: 61335
Ion Ratio Lower Upper
165 100
63 1.0 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138331.D

Acq: 25 Jun 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPL

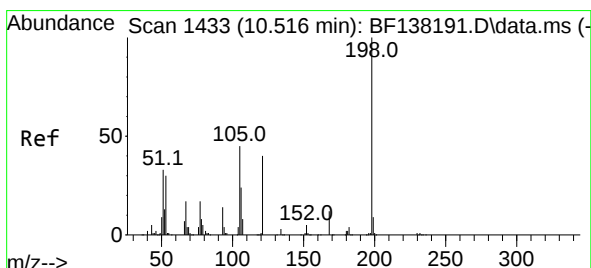
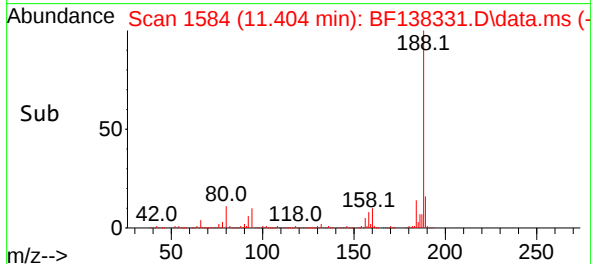
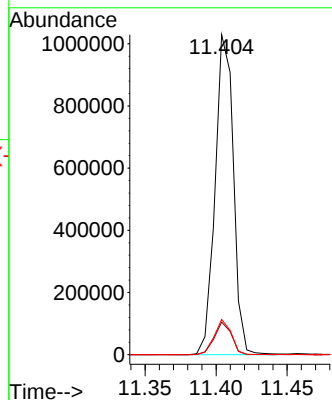
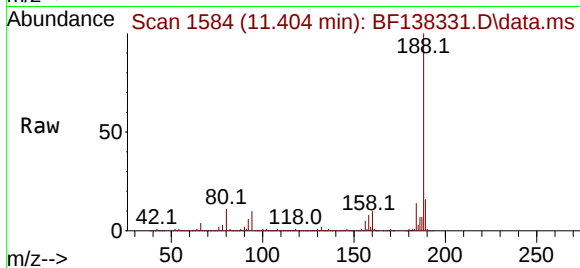
Tgt Ion:188 Resp: 920324

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.0 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.109 ng

RT: 10.751 min Scan# 1473

Delta R.T. 0.235 min

Lab File: BF138331.D

Acq: 25 Jun 2024 13:35

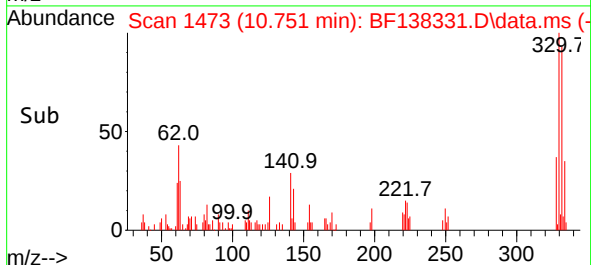
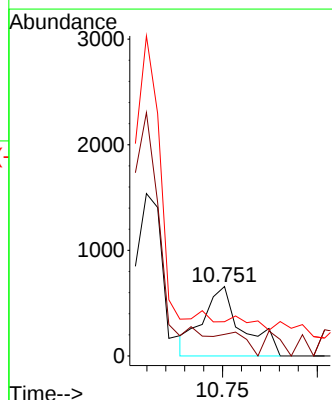
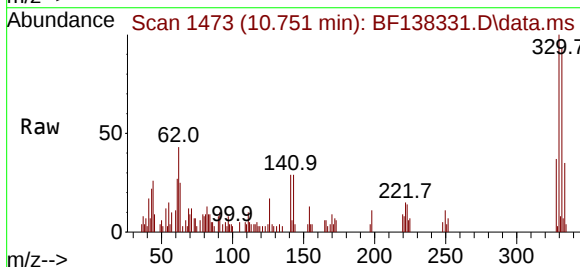
Tgt Ion:198 Resp: 956

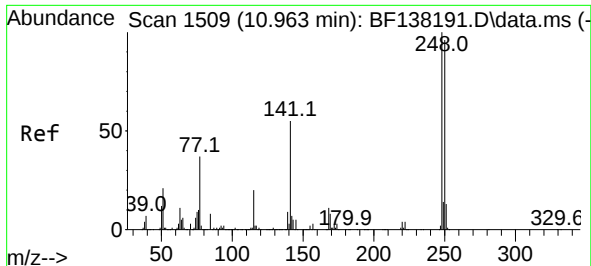
Ion Ratio Lower Upper

198 100

51 31.1 26.9 66.9

105 49.3 26.0 66.0

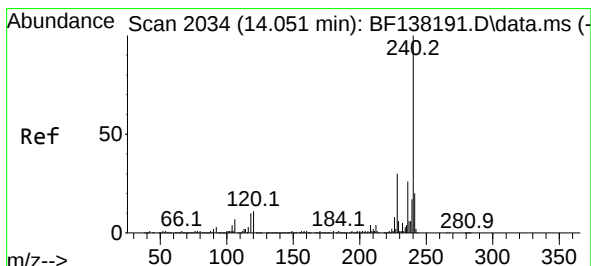
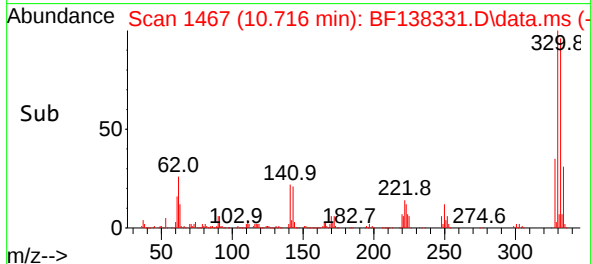
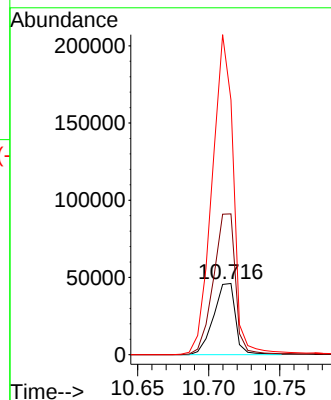
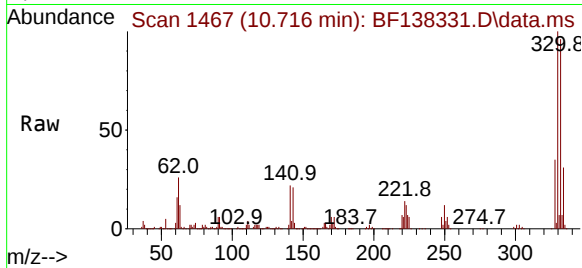




#67
4-Bromophenyl-phenylether
Concen: 4.777 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

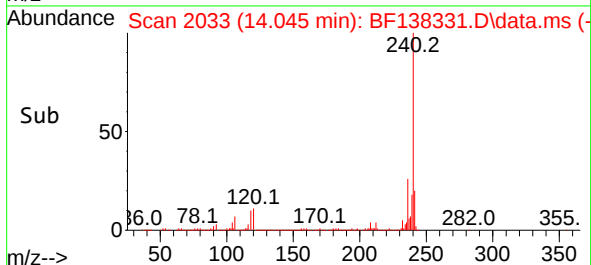
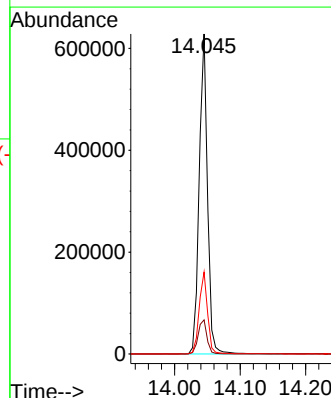
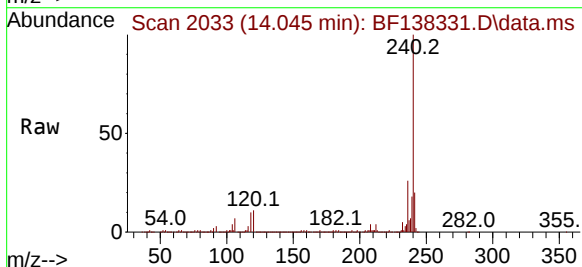
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

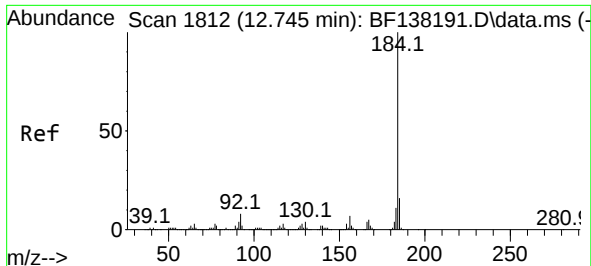
Tgt Ion:248 Resp: 49541
Ion Ratio Lower Upper
248 100
250 197.6 77.2 115.8#
141 357.4 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion:240 Resp: 551960
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.6 21.0 31.6

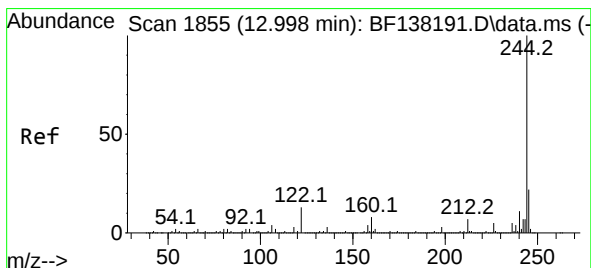
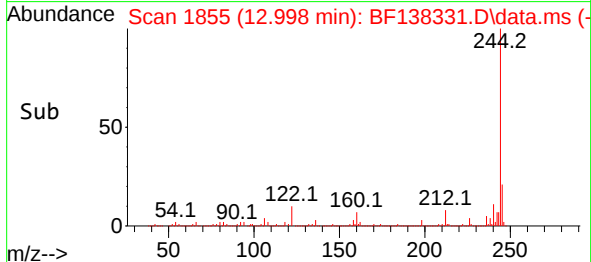
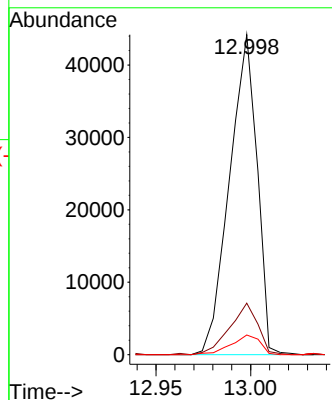
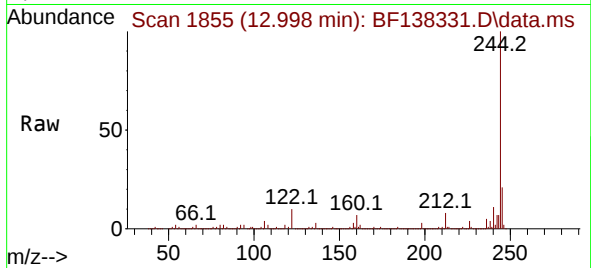




#77
Benzidine
Concen: 7.002 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

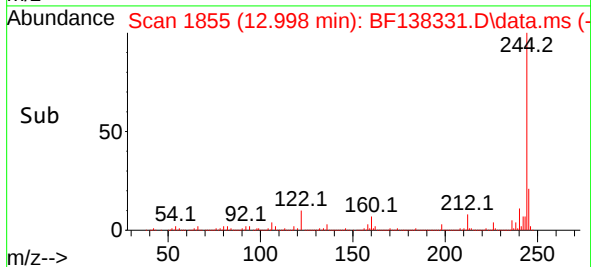
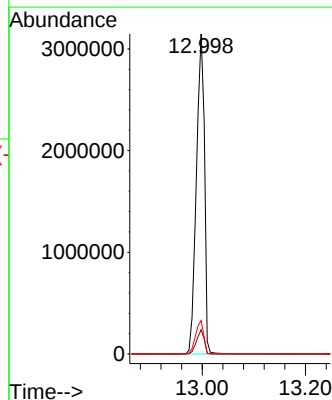
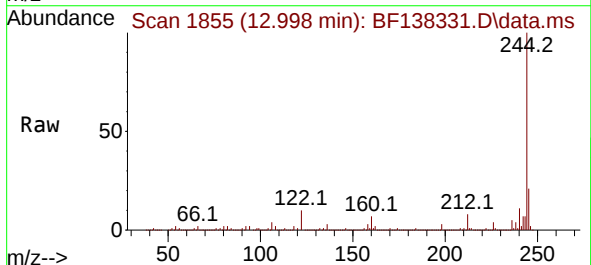
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

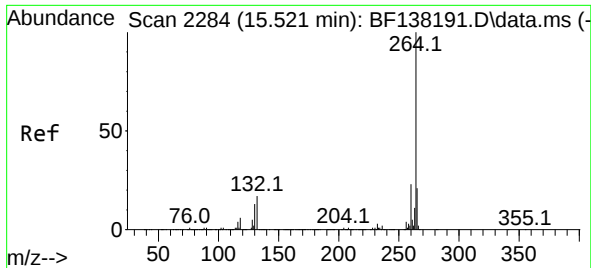
Tgt Ion:184 Resp: 44703
Ion Ratio Lower Upper
184 100
185 16.1 12.6 19.0
183 6.1 9.0 13.6#



#79
Terphenyl-d14
Concen: 97.928 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion:244 Resp: 3412769
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 10.5 10.6 15.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Instrument :
BNA_F
ClientSampleId :
WCS-TPL

Tgt Ion:264 Resp: 414495

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	20.9	17.0	25.6

