

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138202.D
 Acq On : 17 Jun 2024 14:02
 Operator : CG\JU
 Sample : PB161466TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161466TB

Quant Time: Jun 17 14:28:01 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)

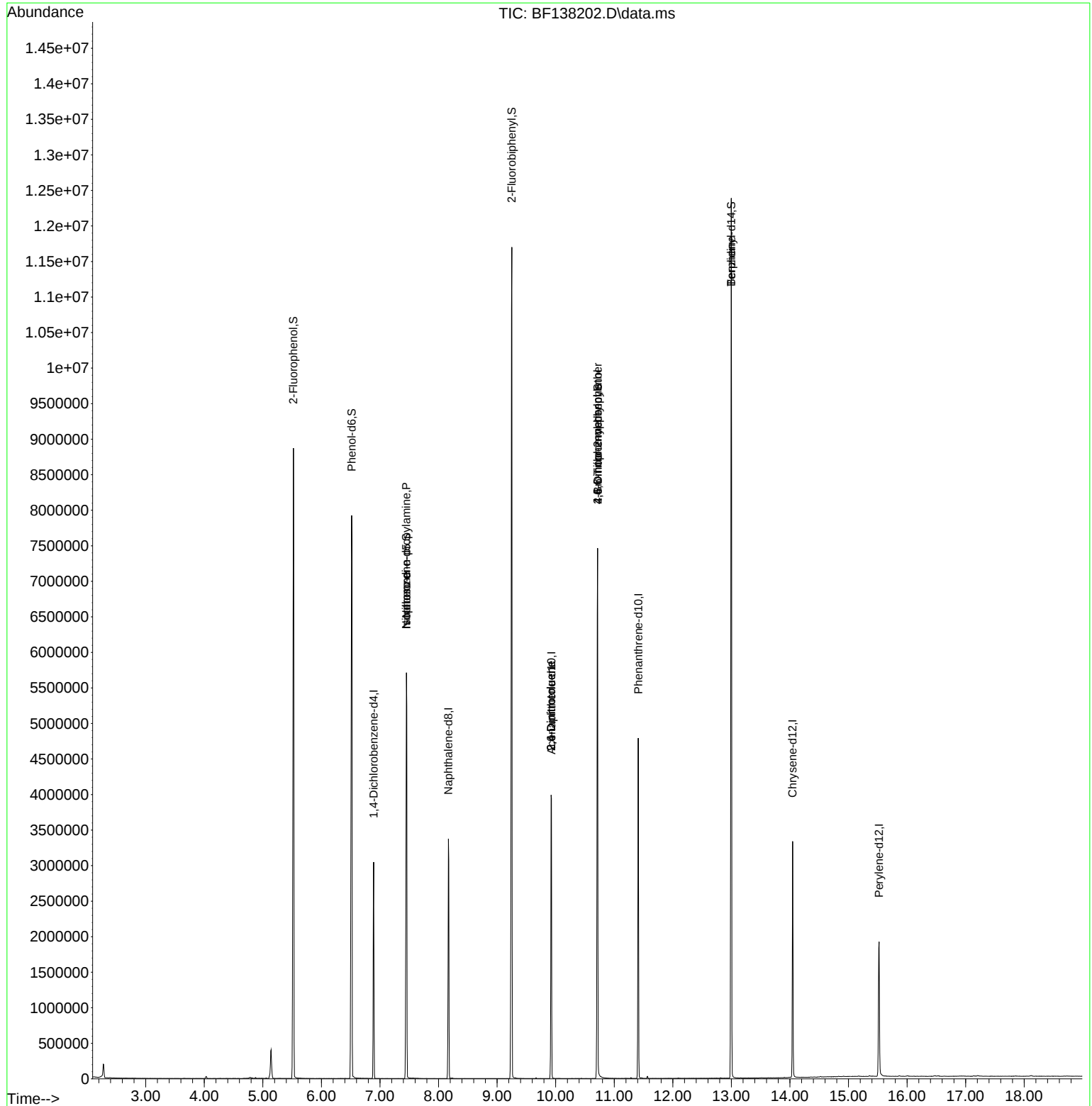
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	424367	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1657130	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	899532	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1592990	20.000	ng	0.00
76) Chrysene-d12	14.045	240	999533	20.000	ng	0.00
86) Perylene-d12	15.521	264	907170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2917897	115.022	ng	0.01
7) Phenol-d6	6.516	99	3603384	112.018	ng	0.00
23) Nitrobenzene-d5	7.451	82	2225608	78.187	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	968160	108.113	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3961646	70.032	ng	0.00
79) Terphenyl-d14	12.998	244	4401605	69.747	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	294878	15.465	ng	# 79
25) Isophorone	7.451	82	2220616	43.129	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	116382	9.734	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	116382	7.892	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.716	198	2284	7.175	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	64205	3.577	ng	# 1
77) Benzidine	12.998	184	61070	5.282	ng	# 93

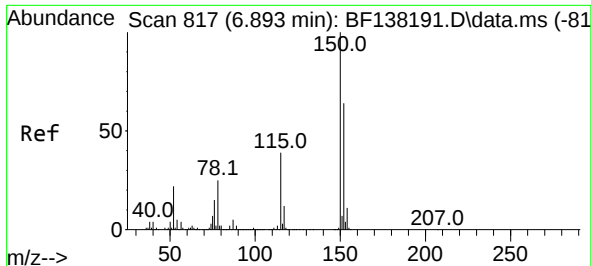
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
Data File : BF138202.D
Acq On : 17 Jun 2024 14:02
Operator : CG\JU
Sample : PB161466TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161466TB

Quant Time: Jun 17 14:28:01 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

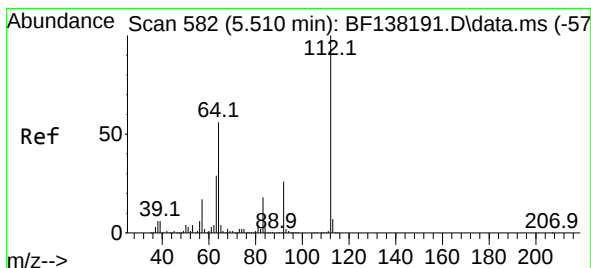
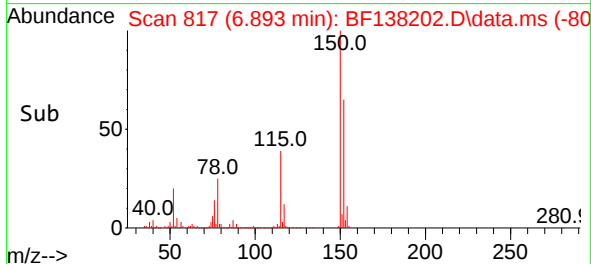
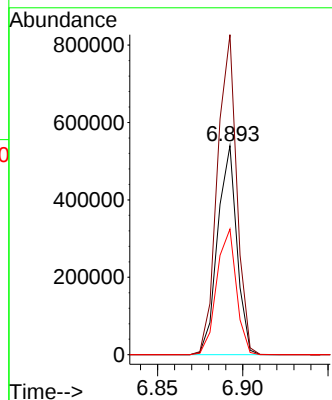
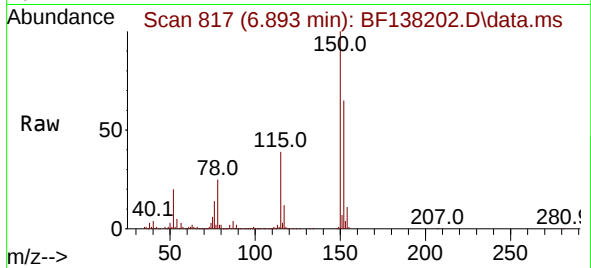




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

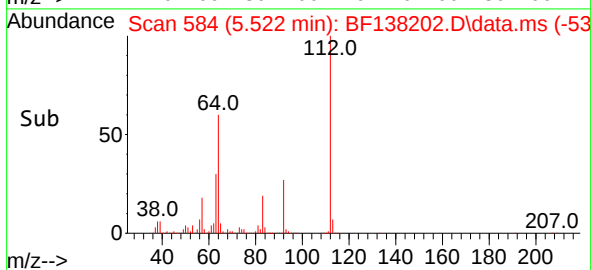
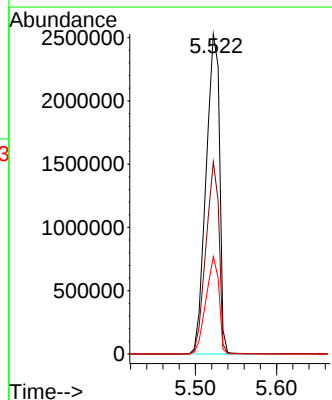
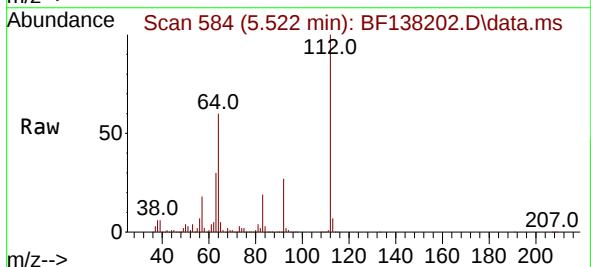
Instrument :
BNA_F
ClientSampleId :
PB161466TB

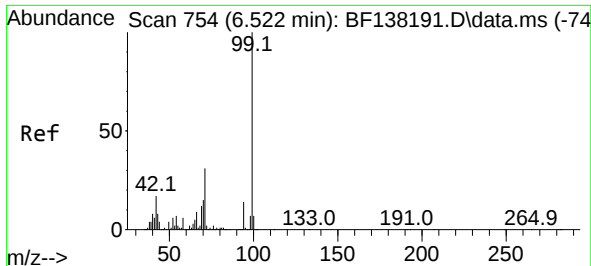
Tgt Ion:152 Resp: 424367
Ion Ratio Lower Upper
152 100
150 153.1 125.0 187.4
115 60.1 48.4 72.6



#5
2-Fluorophenol
Concen: 115.022 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion:112 Resp: 2917897
Ion Ratio Lower Upper
112 100
64 60.0 45.2 67.8
63 30.4 22.9 34.3

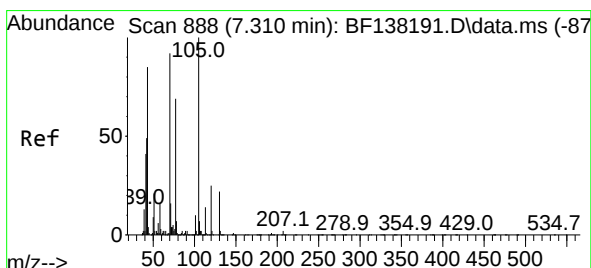
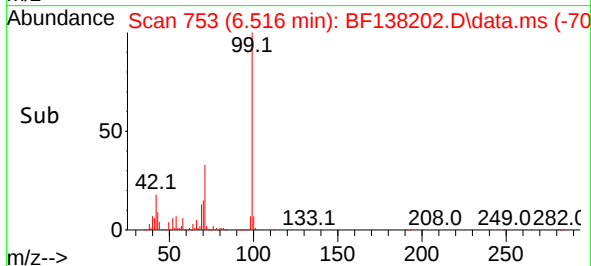
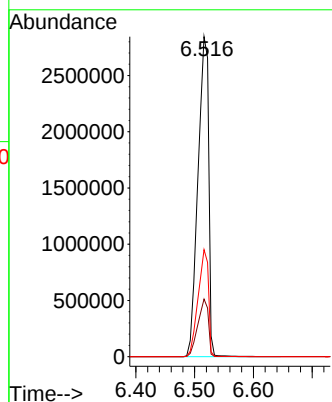
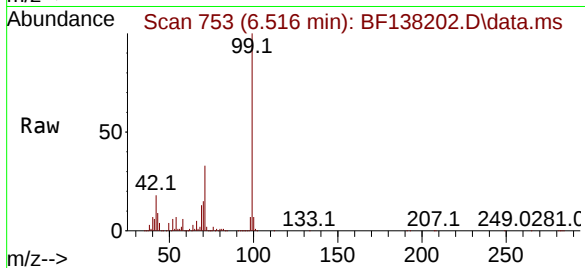




#7
Phenol-d6
Concen: 112.018 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

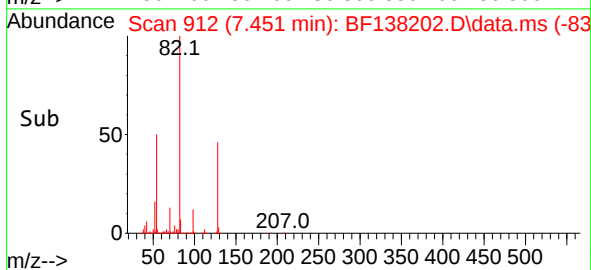
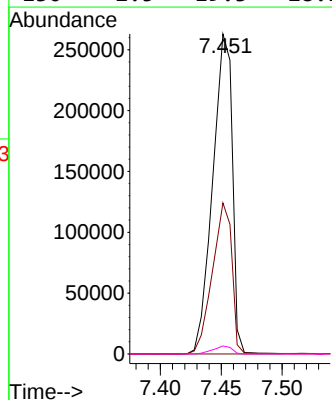
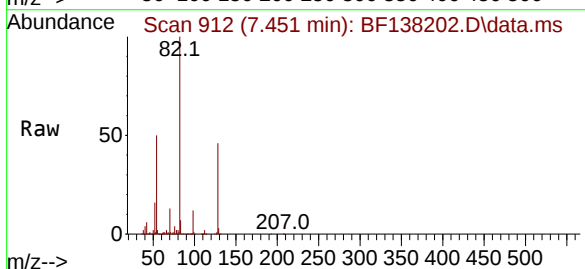
Instrument :
BNA_F
ClientSampleId :
PB161466TB

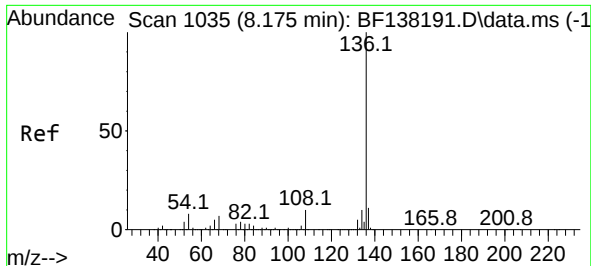
Tgt Ion: 99 Resp: 3603384
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 33.4 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.465 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion: 70 Resp: 294878
Ion Ratio Lower Upper
70 100
42 47.2 42.8 64.2
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#

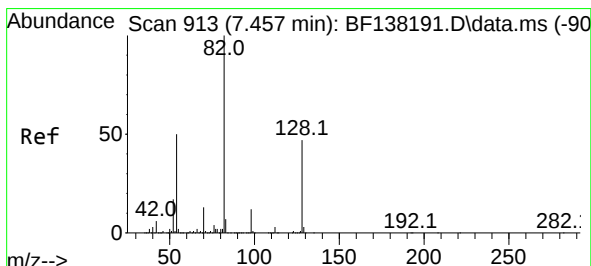
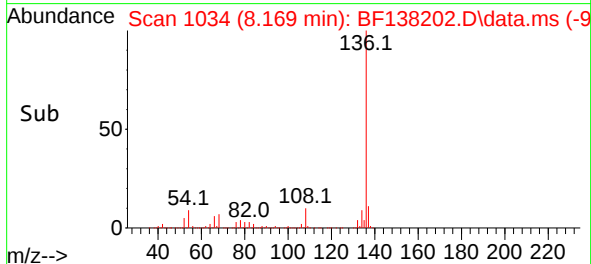
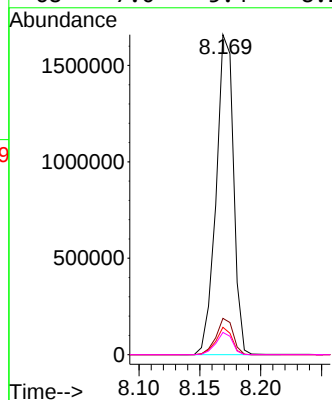
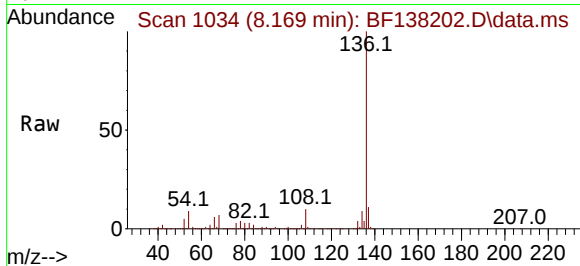




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

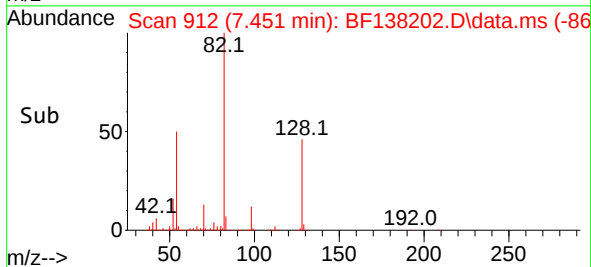
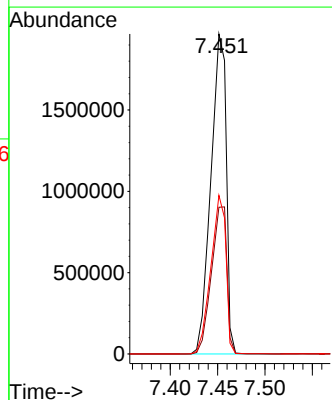
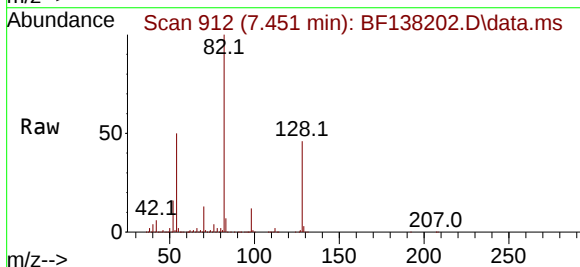
Instrument :
BNA_F
ClientSampleId :
PB161466TB

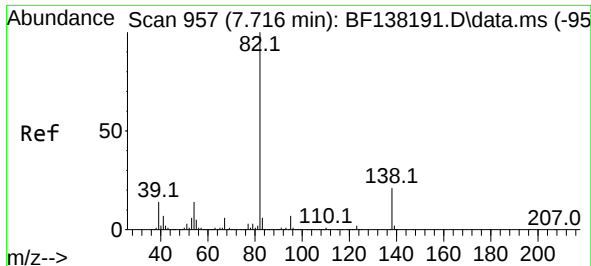
Tgt Ion:136 Resp: 1657130
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.6 6.6 10.0
68 7.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 78.187 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion: 82 Resp: 2225608
Ion Ratio Lower Upper
82 100
128 45.9 37.2 55.8
54 49.6 39.8 59.6

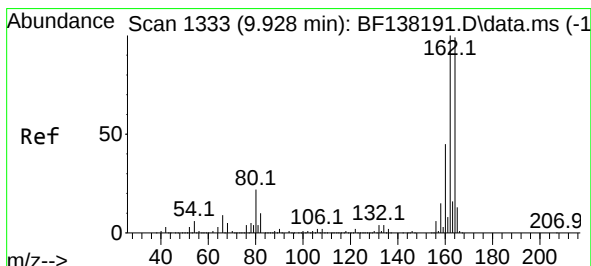
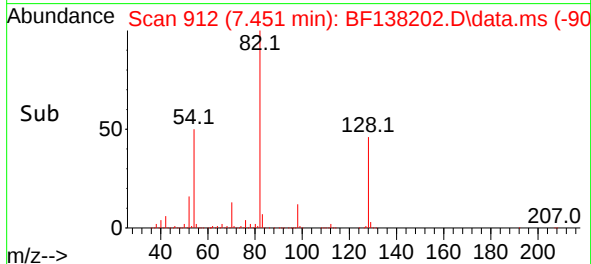
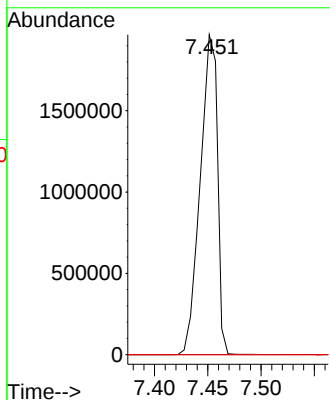
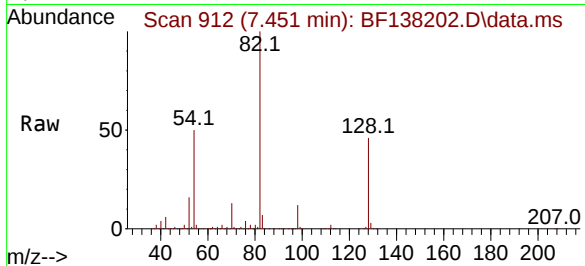




#25
Isophorone
Concen: 43.129 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

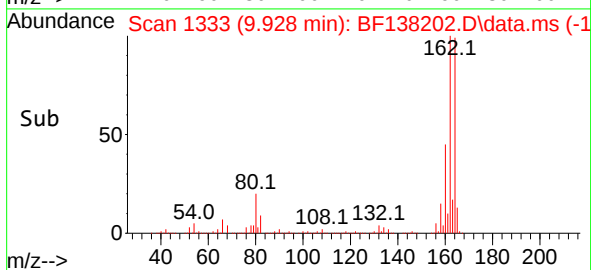
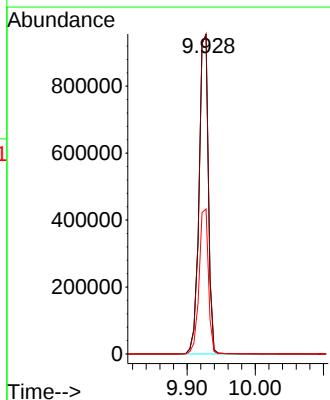
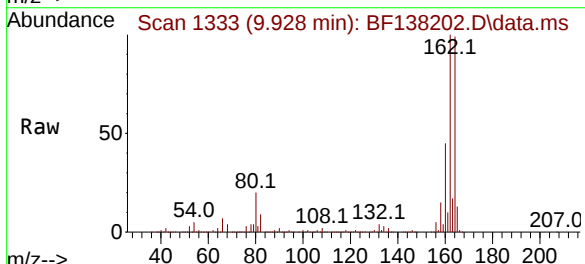
Instrument :
BNA_F
ClientSampleId :
PB161466TB

Tgt Ion: 82 Resp: 2220616
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: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion:164 Resp: 899532
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 45.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 108.113 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138202.D

Acq: 17 Jun 2024 14:02

Instrument :

BNA_F

ClientSampleId :

PB161466TB

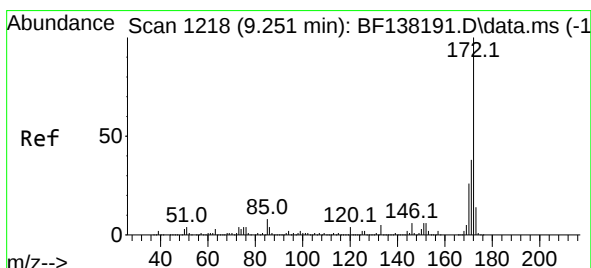
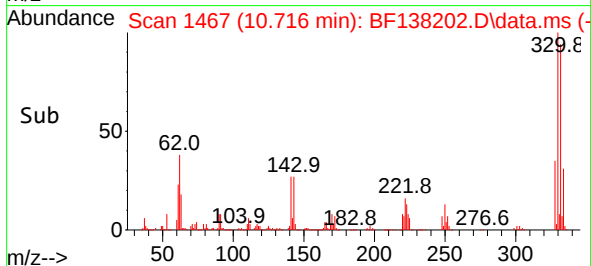
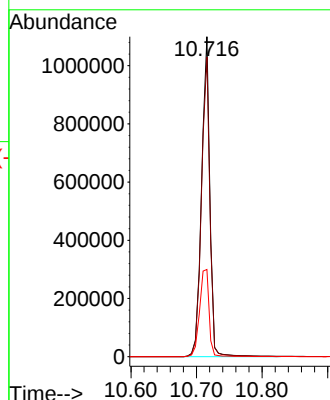
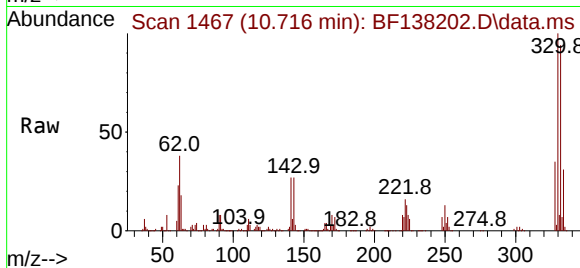
Tgt Ion:330 Resp: 968160

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

141 31.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 70.032 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138202.D

Acq: 17 Jun 2024 14:02

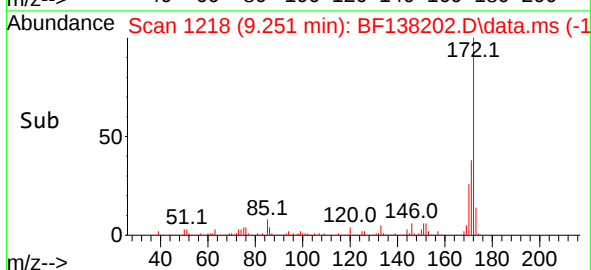
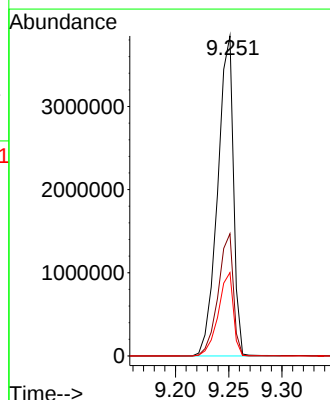
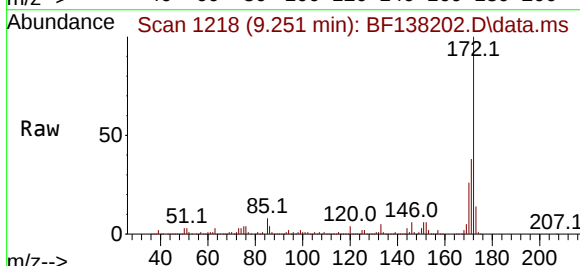
Tgt Ion:172 Resp: 3961646

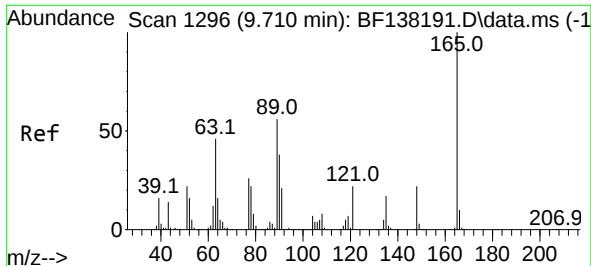
Ion Ratio Lower Upper

172 100

171 38.2 30.3 45.5

170 26.1 20.6 30.8

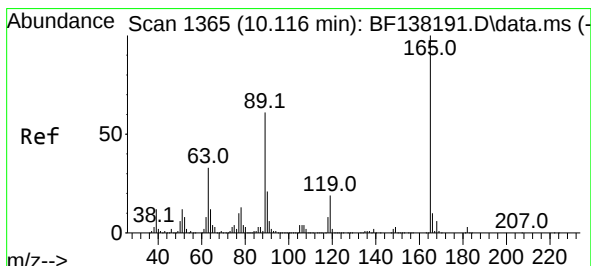
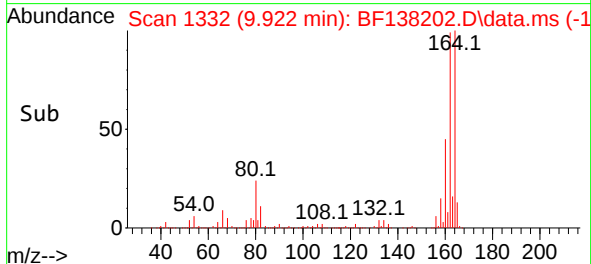
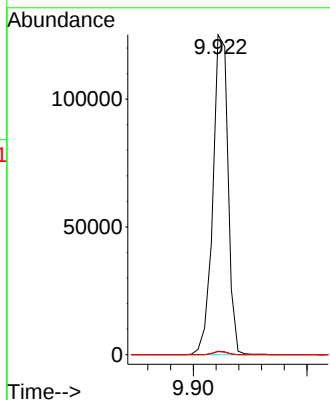
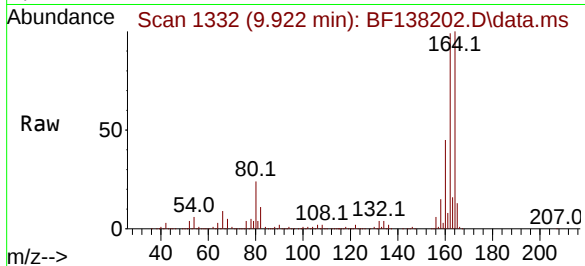




#51
2,6-Dinitrotoluene
Concen: 9.734 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

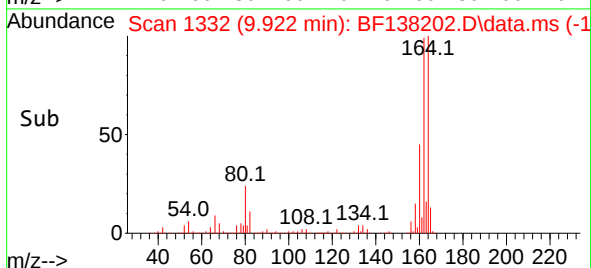
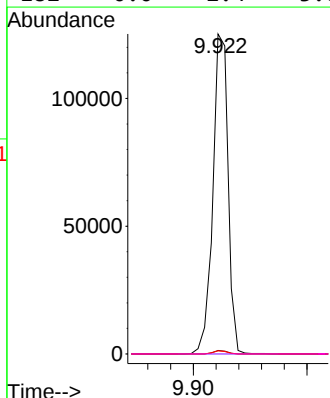
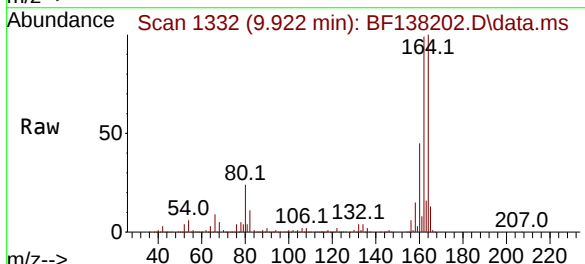
Instrument :
BNA_F
ClientSampleId :
PB161466TB

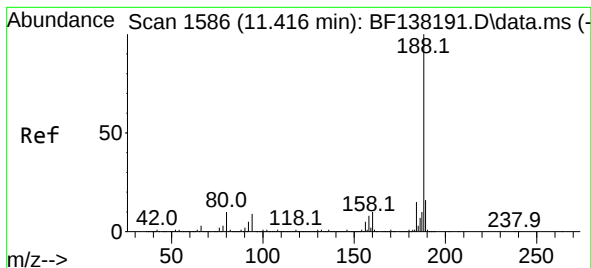
Tgt Ion:165 Resp: 116382
Ion Ratio Lower Upper
165 100
63 1.1 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.892 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion:165 Resp: 116382
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138202.D

Acq: 17 Jun 2024 14:02

Instrument :

BNA_F

ClientSampleId :

PB161466TB

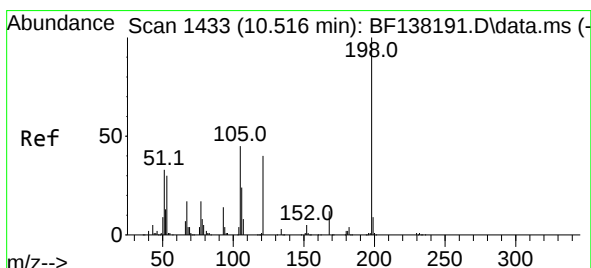
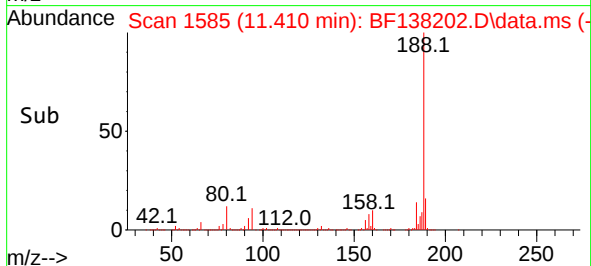
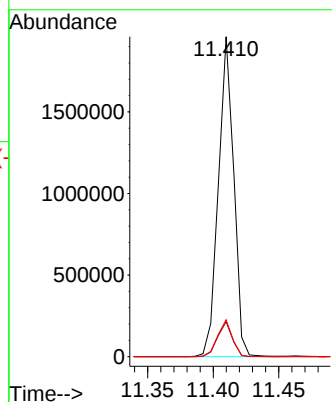
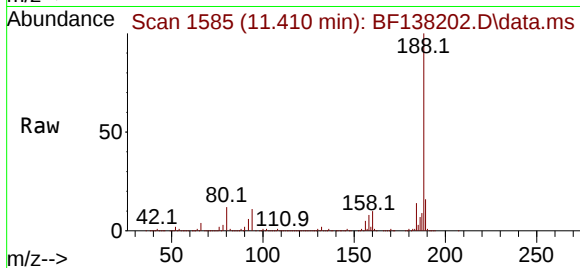
Tgt Ion:188 Resp: 1592990

Ion Ratio Lower Upper

188 100

94 10.9 7.6 11.4

80 11.5 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.175 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.200 min

Lab File: BF138202.D

Acq: 17 Jun 2024 14:02

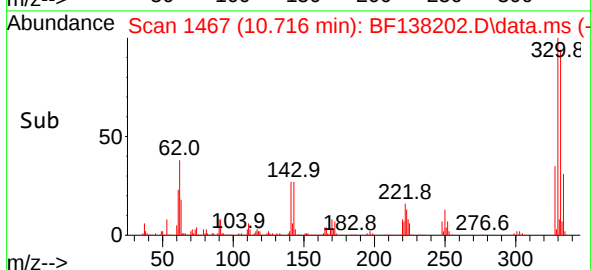
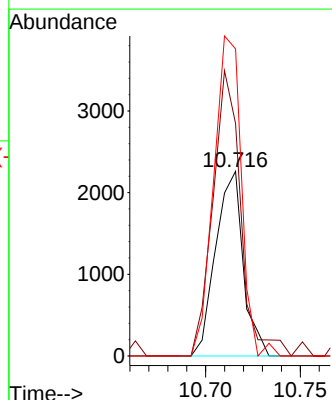
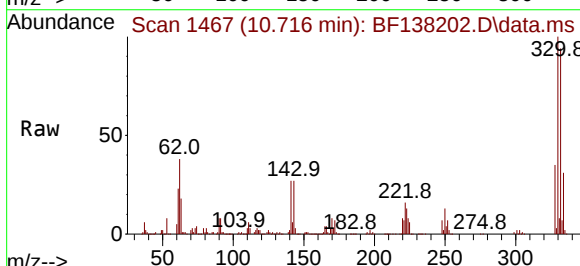
Tgt Ion:198 Resp: 2284

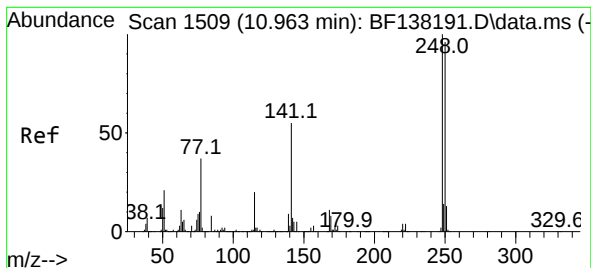
Ion Ratio Lower Upper

198 100

51 126.0 26.9 66.9#

105 166.3 26.0 66.0#

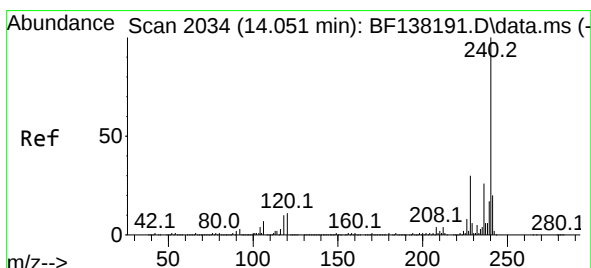
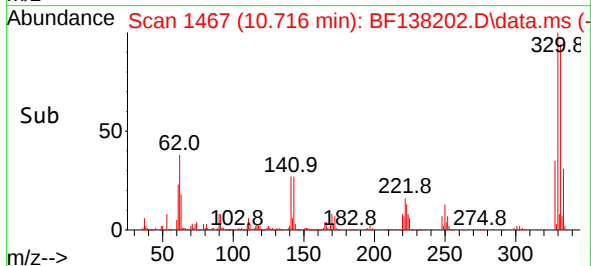
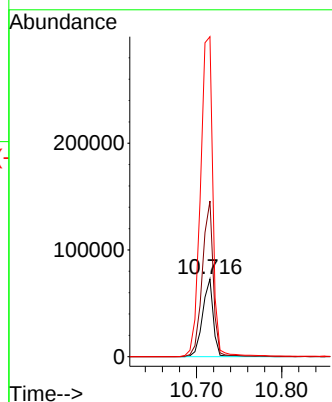
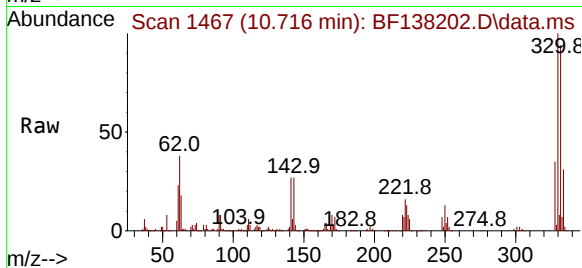




#67
4-Bromophenyl-phenylether
Concen: 3.577 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

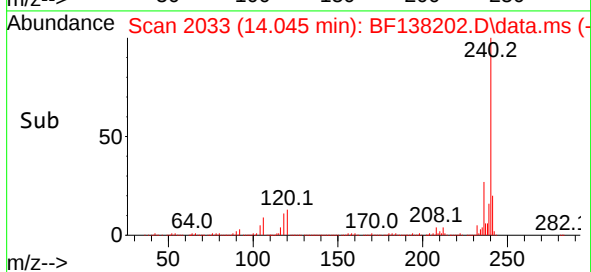
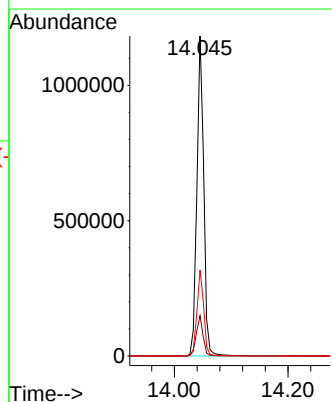
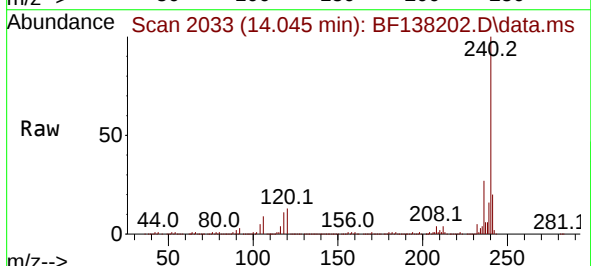
Instrument :
BNA_F
ClientSampleId :
PB161466TB

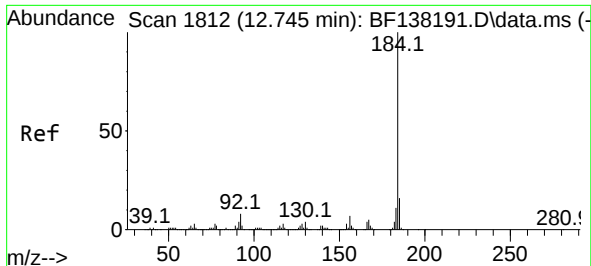
Tgt Ion:248 Resp: 64205
Ion Ratio Lower Upper
248 100
250 200.5 77.2 115.8#
141 412.2 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Tgt Ion:240 Resp: 999533
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.8 21.0 31.6

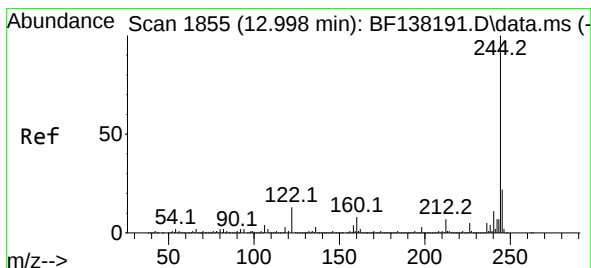
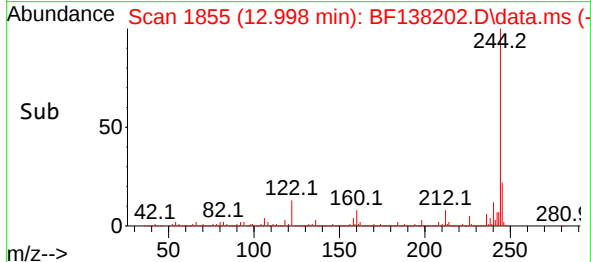
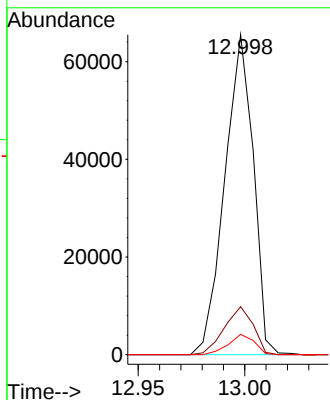
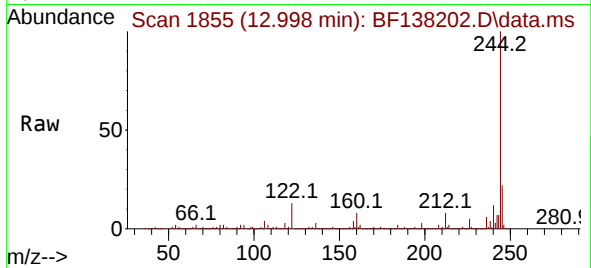




#77
Benzidine
Concen: 5.282 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

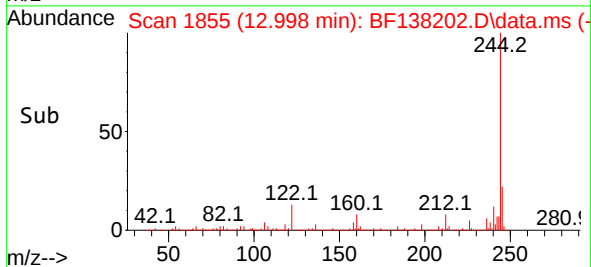
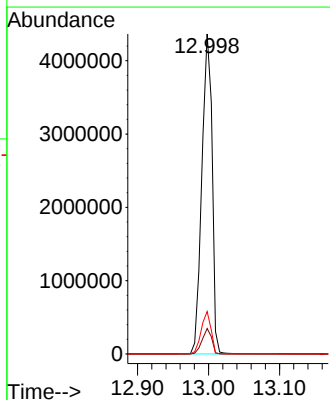
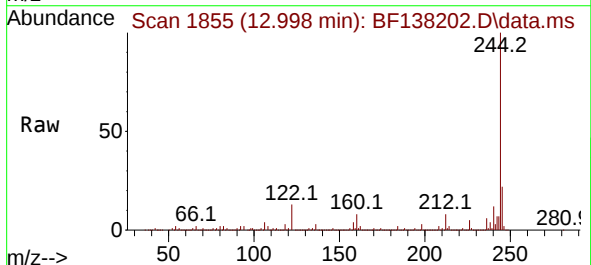
Instrument :
BNA_F
ClientSampleId :
PB161466TB

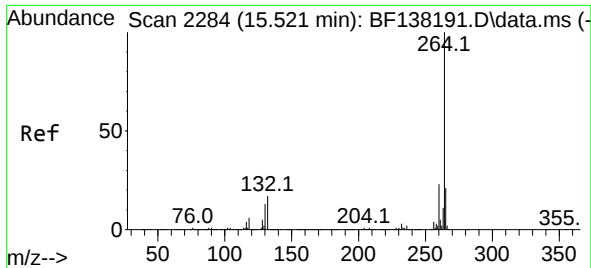
Tgt Ion:184 Resp: 61070
Ion Ratio Lower Upper
184 100
185 15.0 12.6 19.0
183 6.3 9.0 13.6#



#79
Terphenyl-d14
Concen: 69.747 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

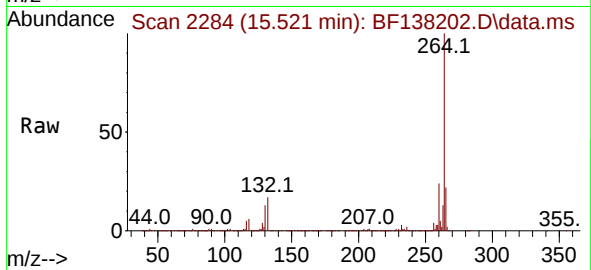
Tgt Ion:244 Resp: 4401605
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 13.2 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138202.D
Acq: 17 Jun 2024 14:02

Instrument :
BNA_F
ClientSampleId :
PB161466TB



Tgt Ion:	264	Resp:	907170
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.7	28.1
265	21.5	17.0	25.6

