

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138326.D
 Acq On : 25 Jun 2024 10:46
 Operator : CG\JU
 Sample : PB161675BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161675BL

Quant Time: Jun 25 11:42:41 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)

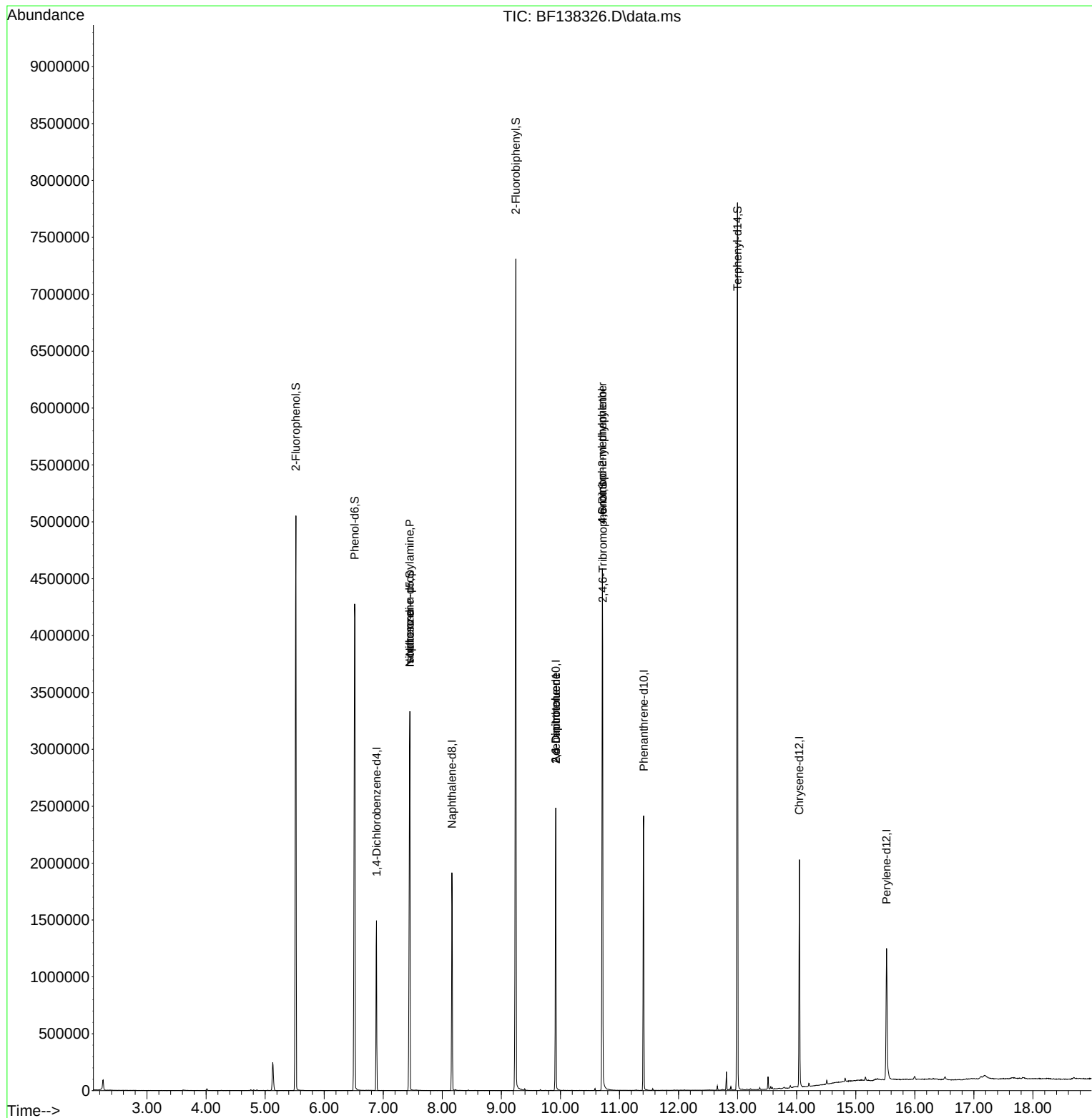
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	218832	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	869773	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	507782	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	921288	20.000	ng	0.00
76) Chrysene-d12	14.045	240	643670	20.000	ng	0.00
86) Perylene-d12	15.521	264	596262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1583278	121.031	ng	0.01
7) Phenol-d6	6.516	99	1958808	118.086	ng	0.00
23) Nitrobenzene-d5	7.451	82	1253941	83.930	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	683524	135.215	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2485126	77.823	ng	0.00
79) Terphenyl-d14	12.998	244	3002724	73.886	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	167408	17.026	ng	# 76
25) Isophorone	7.451	82	1250609	46.278	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	65807	9.750	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	65985	7.926	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1460	7.200	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	43935	4.232	ng	# 1

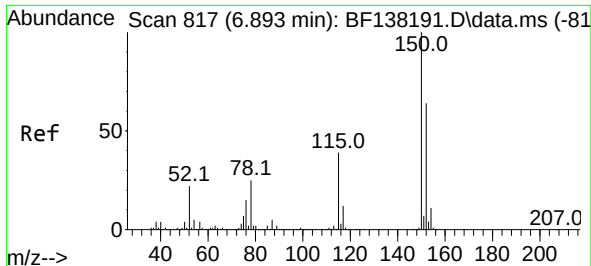
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 11:42:41 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

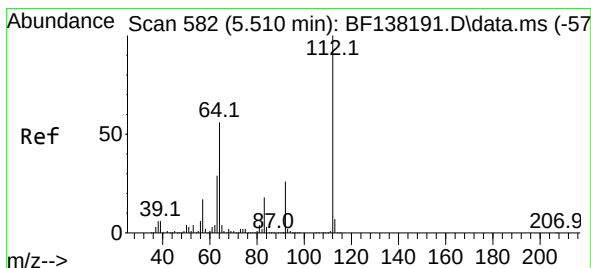
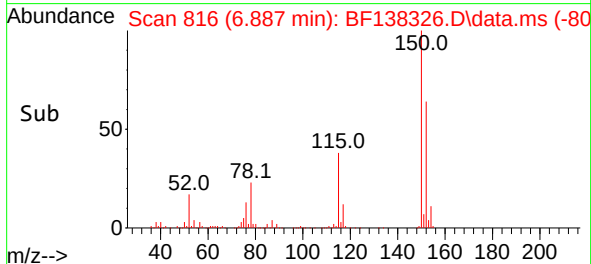
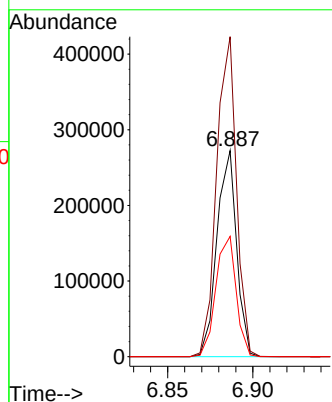
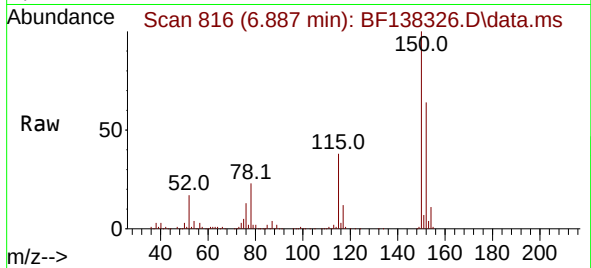




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF138326.D
 Acq: 25 Jun 2024 10:46

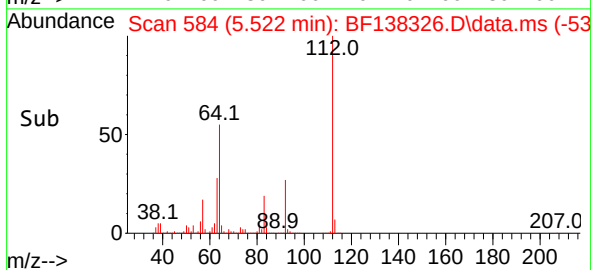
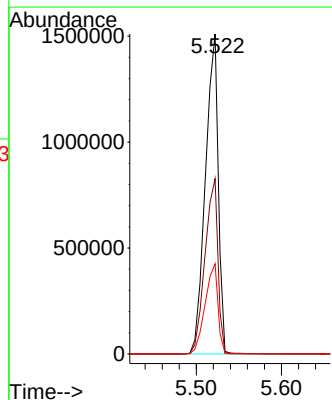
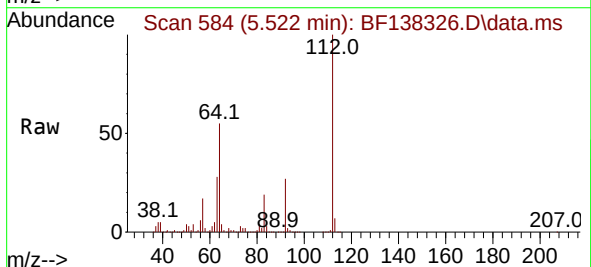
Instrument :
 BNA_F
 ClientSampleId :
 PB161675BL

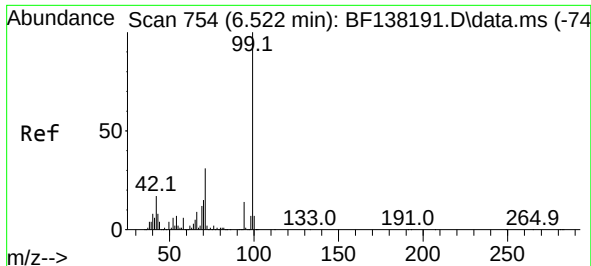
Tgt Ion:152 Resp: 218832
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.0 187.4
 115 58.4 48.4 72.6



#5
 2-Fluorophenol
 Concen: 121.031 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.012 min
 Lab File: BF138326.D
 Acq: 25 Jun 2024 10:46

Tgt Ion:112 Resp: 1583278
 Ion Ratio Lower Upper
 112 100
 64 54.7 45.2 67.8
 63 28.2 22.9 34.3

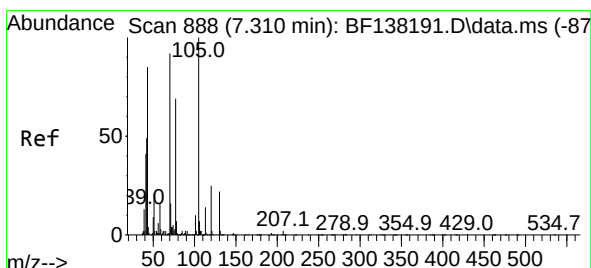
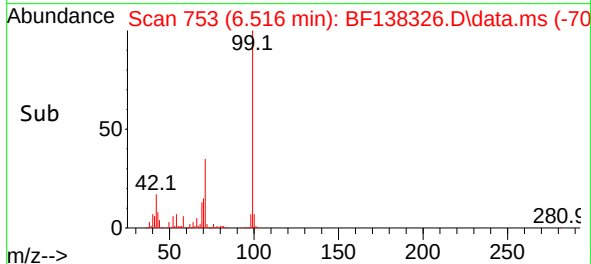
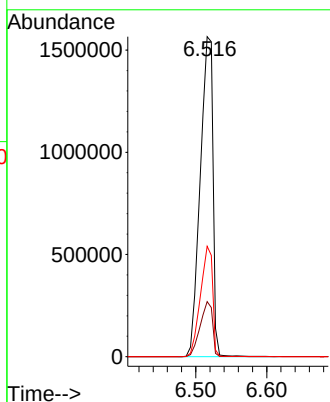
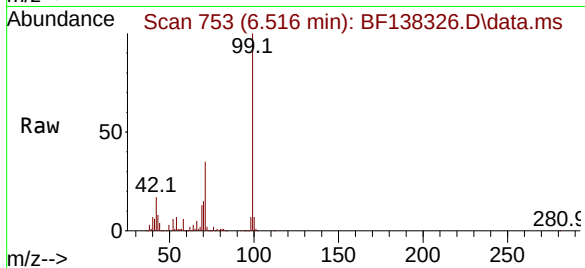




#7
Phenol-d6
Concen: 118.086 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

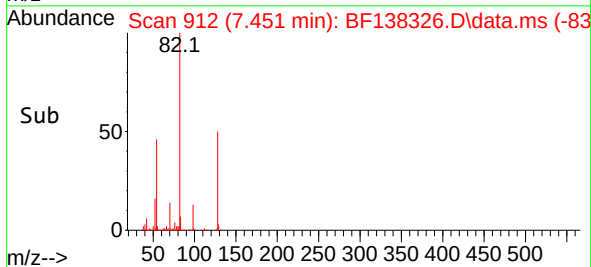
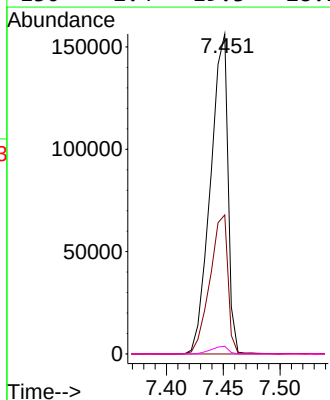
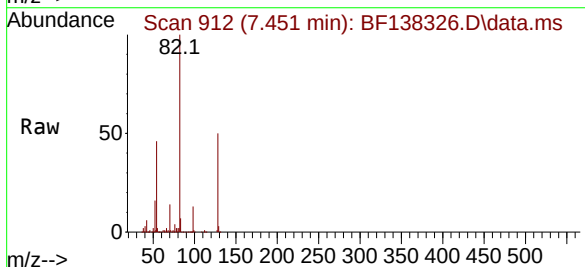
Instrument :
BNA_F
ClientSampleId :
PB161675BL

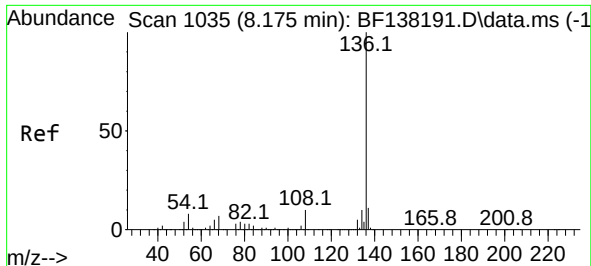
Tgt Ion: 99 Resp: 1958808
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 34.5 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.026 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

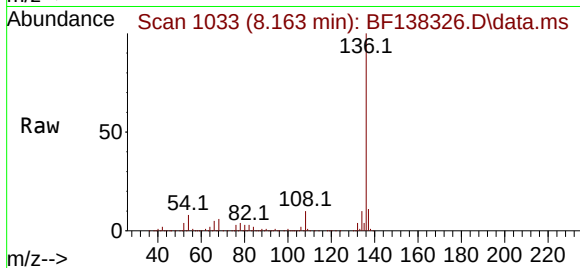
Tgt Ion: 70 Resp: 167408
Ion Ratio Lower Upper
70 100
42 43.4 42.8 64.2
101 0.0 8.4 12.6#
130 2.4 19.3 28.9#





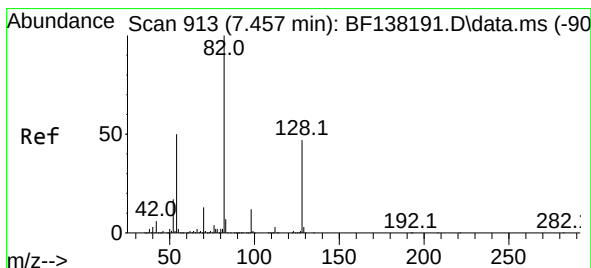
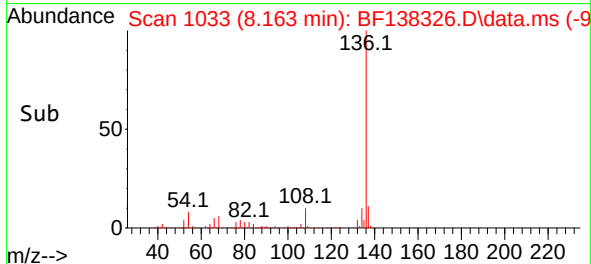
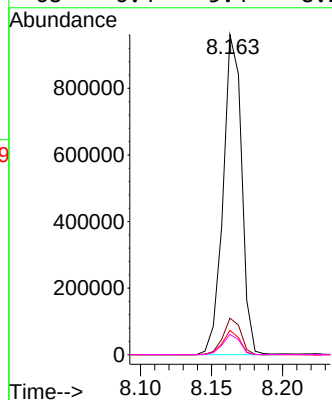
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB161675BL



Tgt Ion:136 Resp: 869773

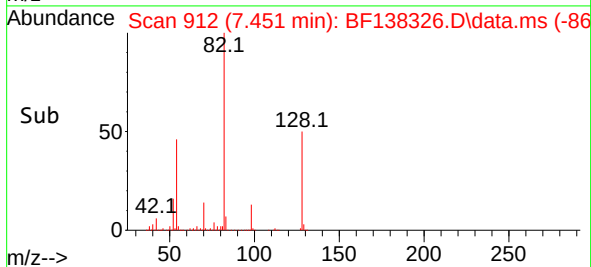
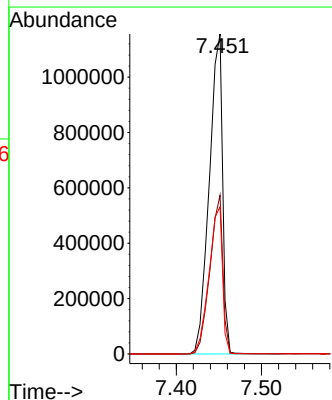
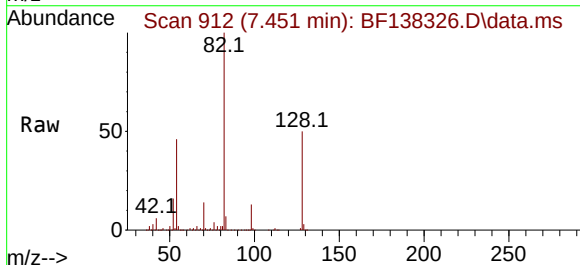
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	6.6	10.0
68	6.4	5.4	8.2

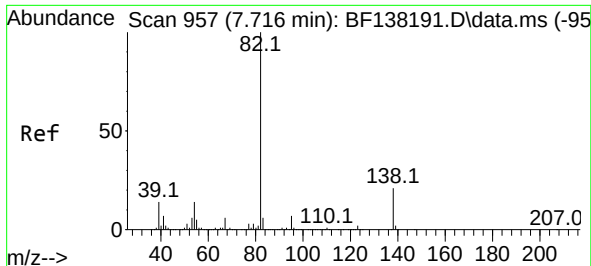


#23
Nitrobenzene-d5
Concen: 83.930 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

Tgt Ion: 82 Resp: 1253941

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.2	55.8
54	46.0	39.8	59.6

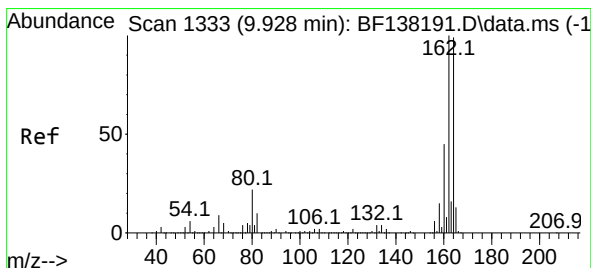
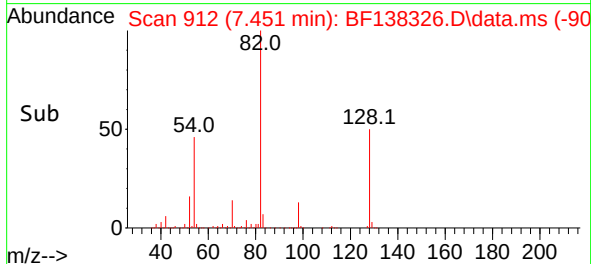
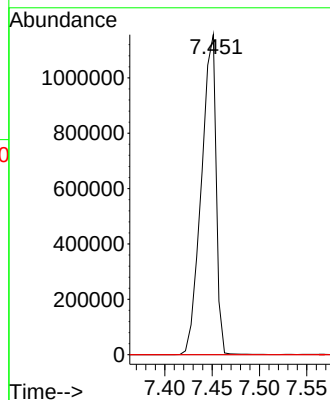
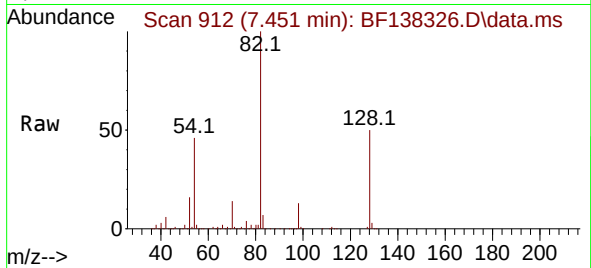




#25
Isophorone
Concen: 46.278 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

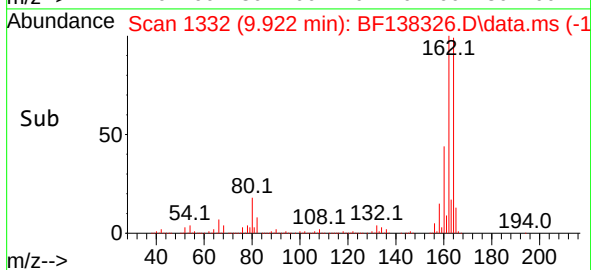
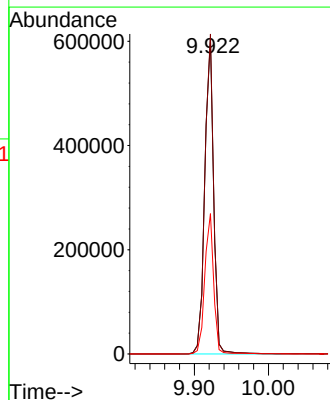
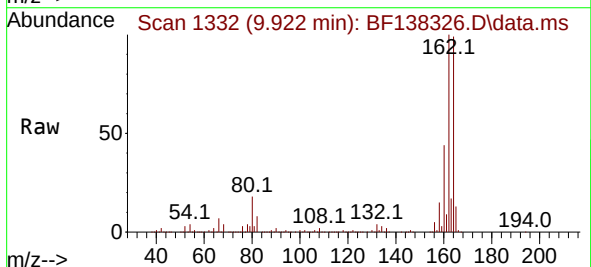
Instrument :
BNA_F
ClientSampleId :
PB161675BL

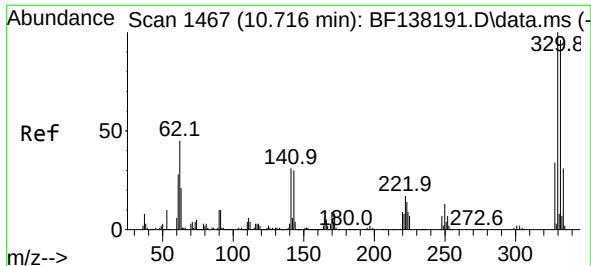
Tgt Ion: 82 Resp: 1250609
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

Tgt Ion:164 Resp: 507782
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 44.4 36.3 54.5

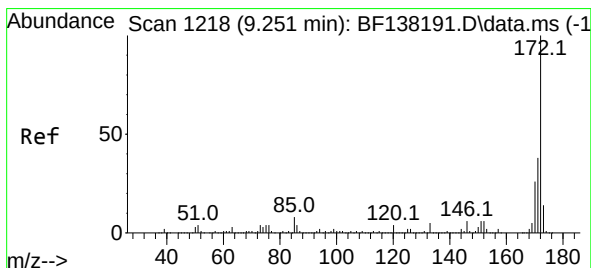
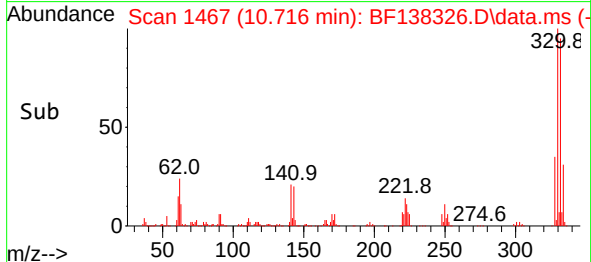
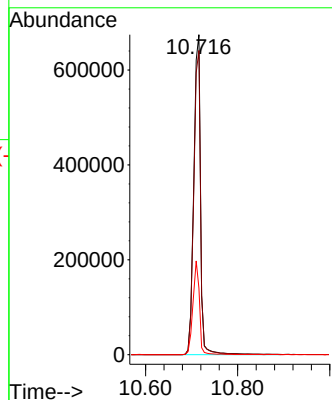
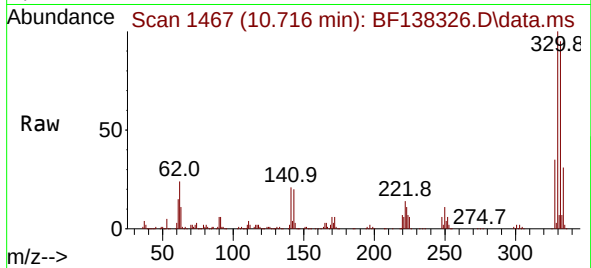




#42
 2,4,6-Tribromophenol
 Concen: 135.215 ng
 RT: 10.716 min Scan# 1467
 Delta R.T. -0.000 min
 Lab File: BF138326.D
 Acq: 25 Jun 2024 10:46

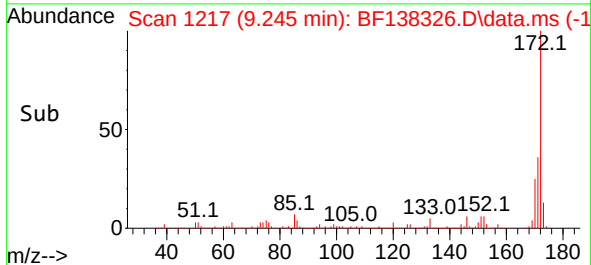
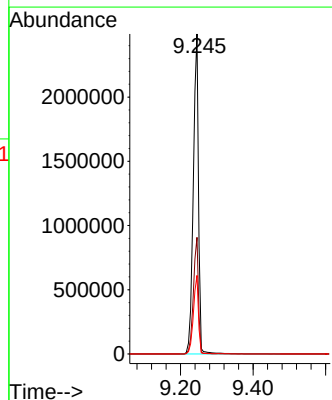
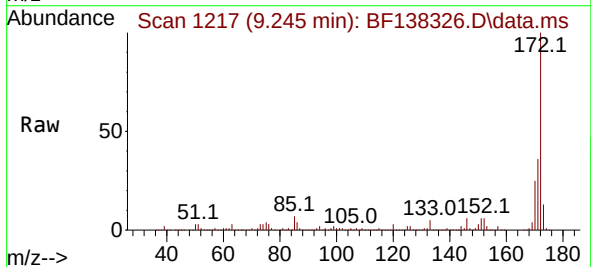
Instrument :
 BNA_F
 ClientSampleId :
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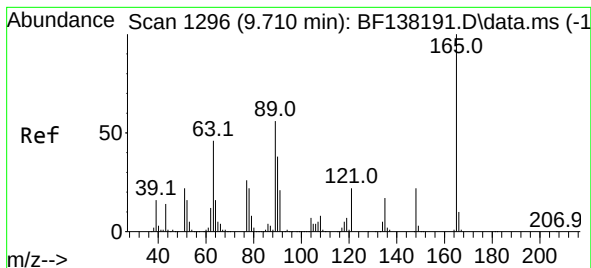
Tgt Ion:330 Resp: 683524
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 28.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 77.823 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF138326.D
 Acq: 25 Jun 2024 10:46

Tgt Ion:172 Resp: 2485126
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.3 45.5
 170 24.6 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 9.750 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.212 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB161675BL

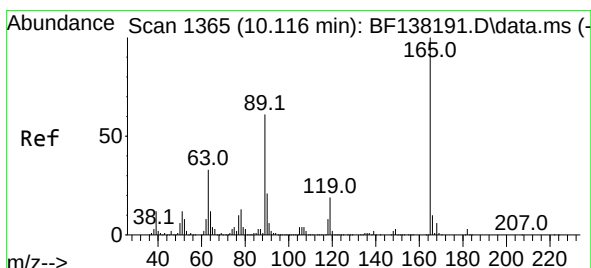
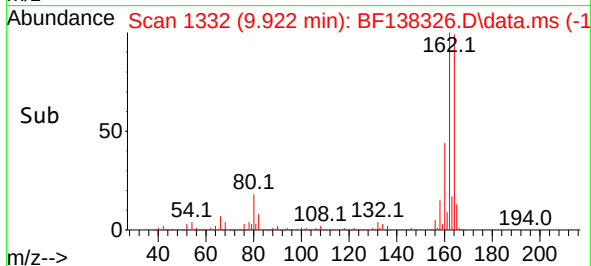
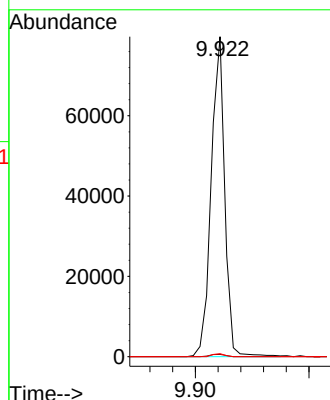
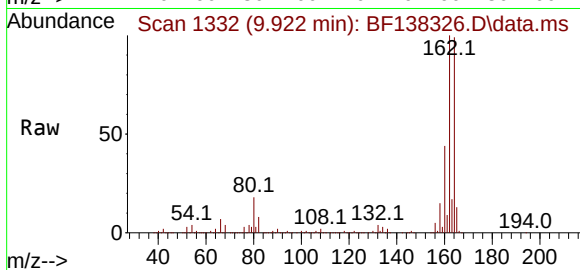
Tgt Ion:165 Resp: 65807

Ion Ratio Lower Upper

165 100

63 0.7 43.7 65.5#

89 0.9 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 7.926 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.194 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

Tgt Ion:165 Resp: 65985

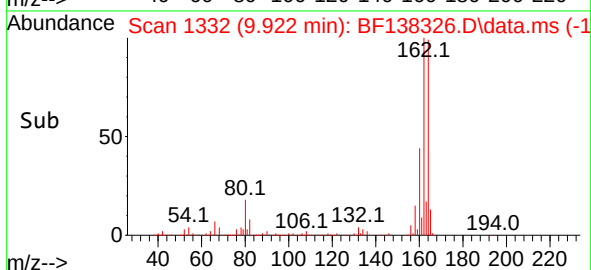
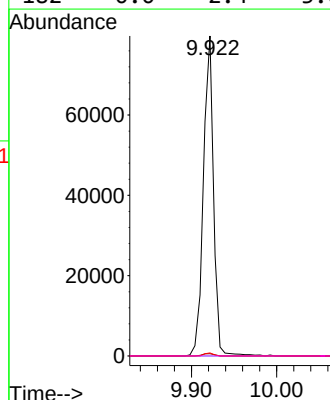
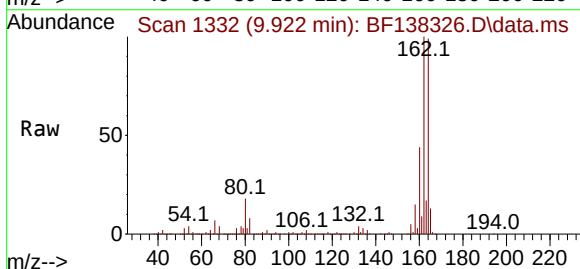
Ion Ratio Lower Upper

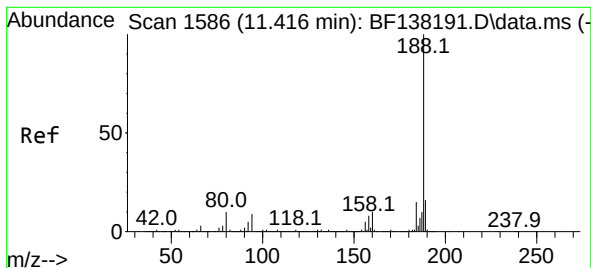
165 100

63 0.7 26.6 39.8#

89 0.9 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: BF138326.D

Acq: 25 Jun 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB161675BL

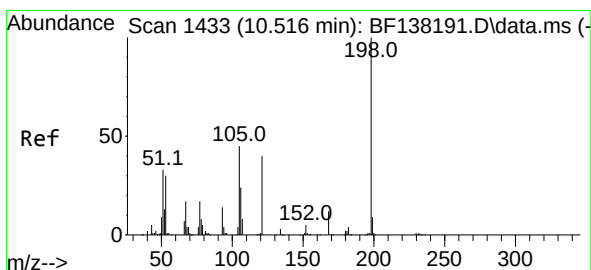
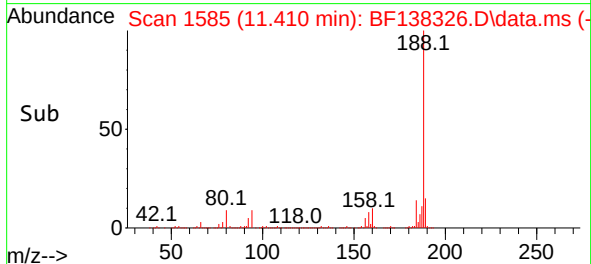
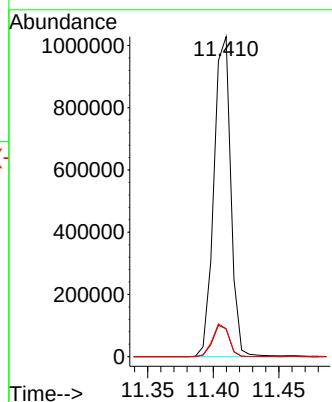
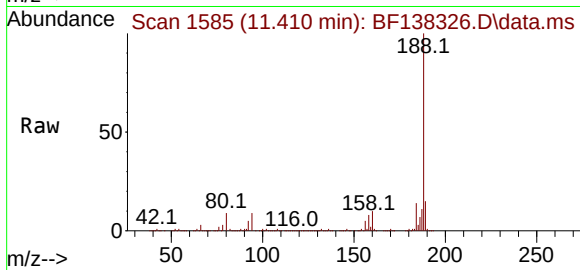
Tgt Ion:188 Resp: 921288

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 8.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.200 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

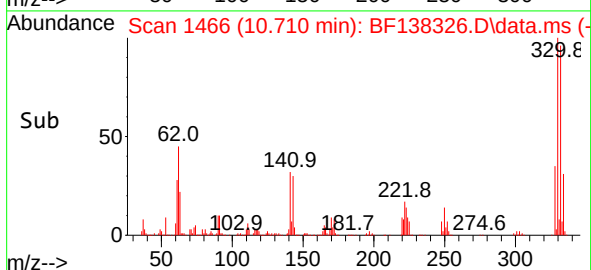
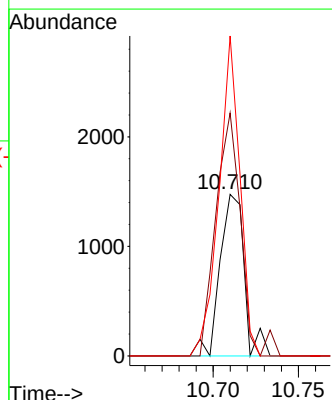
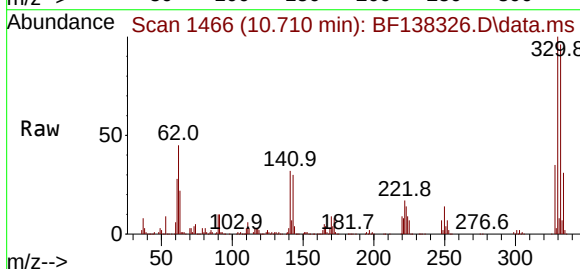
Tgt Ion:198 Resp: 1460

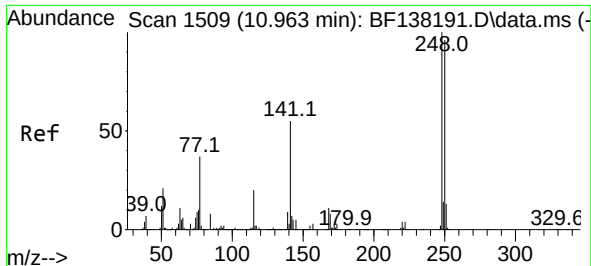
Ion Ratio Lower Upper

198 100

51 150.4 26.9 66.9#

105 198.0 26.0 66.0#

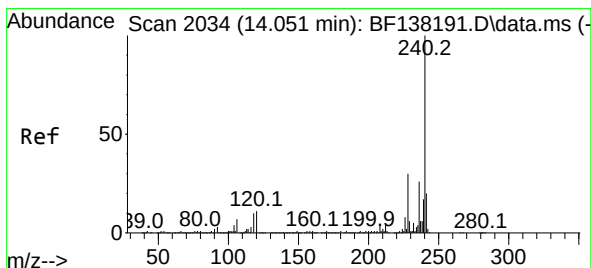
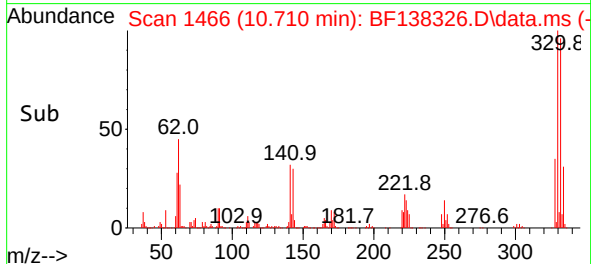
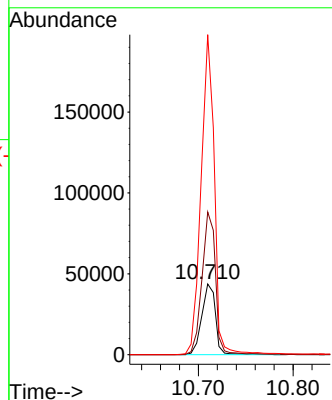
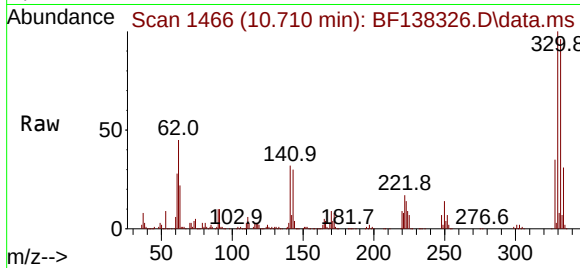




#67
4-Bromophenyl-phenylether
Concen: 4.232 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

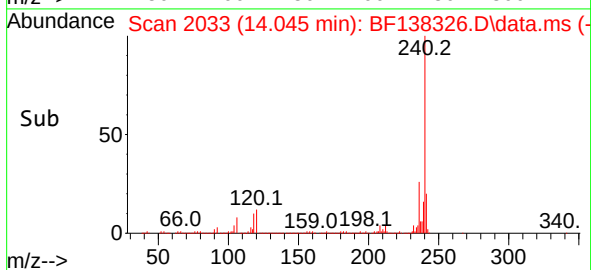
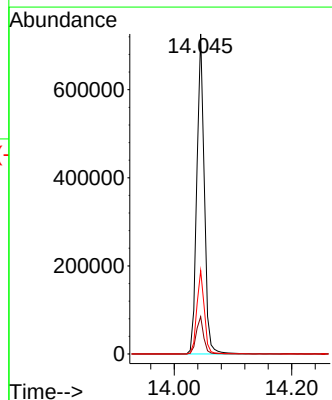
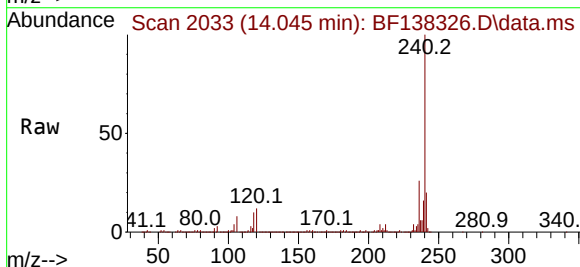
Instrument :
BNA_F
ClientSampleId :
PB161675BL

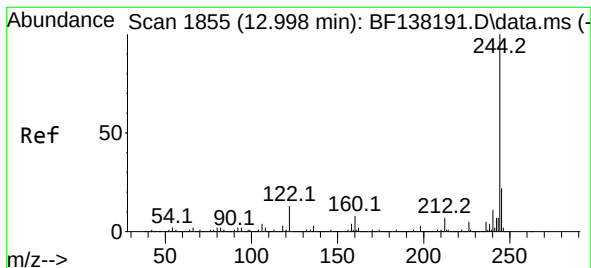
Tgt Ion:248 Resp: 43935
Ion Ratio Lower Upper
248 100
250 201.8 77.2 115.8#
141 452.6 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138326.D
Acq: 25 Jun 2024 10:46

Tgt Ion:240 Resp: 643670
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.0 21.0 31.6





#79

Terphenyl-d14

Concen: 73.886 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

Instrument :

BNA_F

ClientSampleId :

PB161675BL

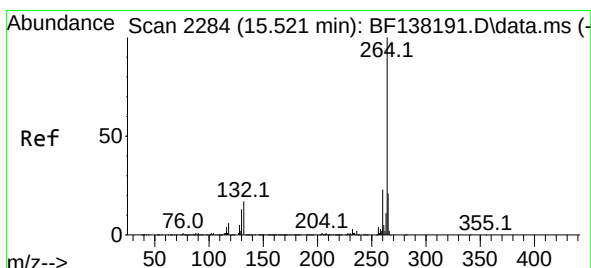
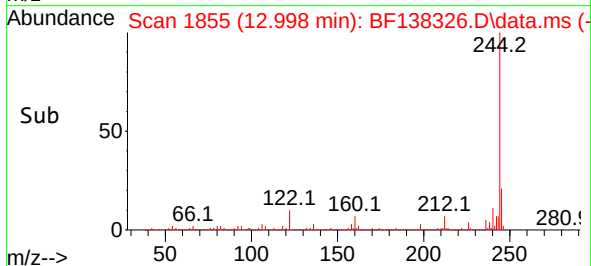
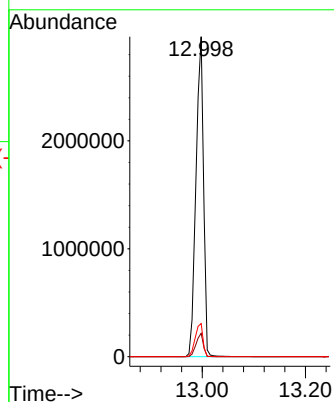
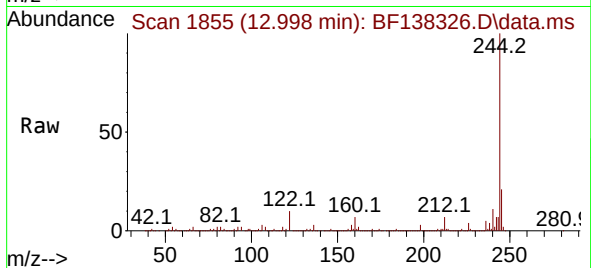
Tgt Ion:244 Resp: 3002724

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.3 10.6 15.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138326.D

Acq: 25 Jun 2024 10:46

Tgt Ion:264 Resp: 596262

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.7 17.0 25.6

