

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138288.D
 Acq On : 21 Jun 2024 16:30
 Operator : CG\JU
 Sample : P2977-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B3

Quant Time: Jun 21 16:55:13 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)

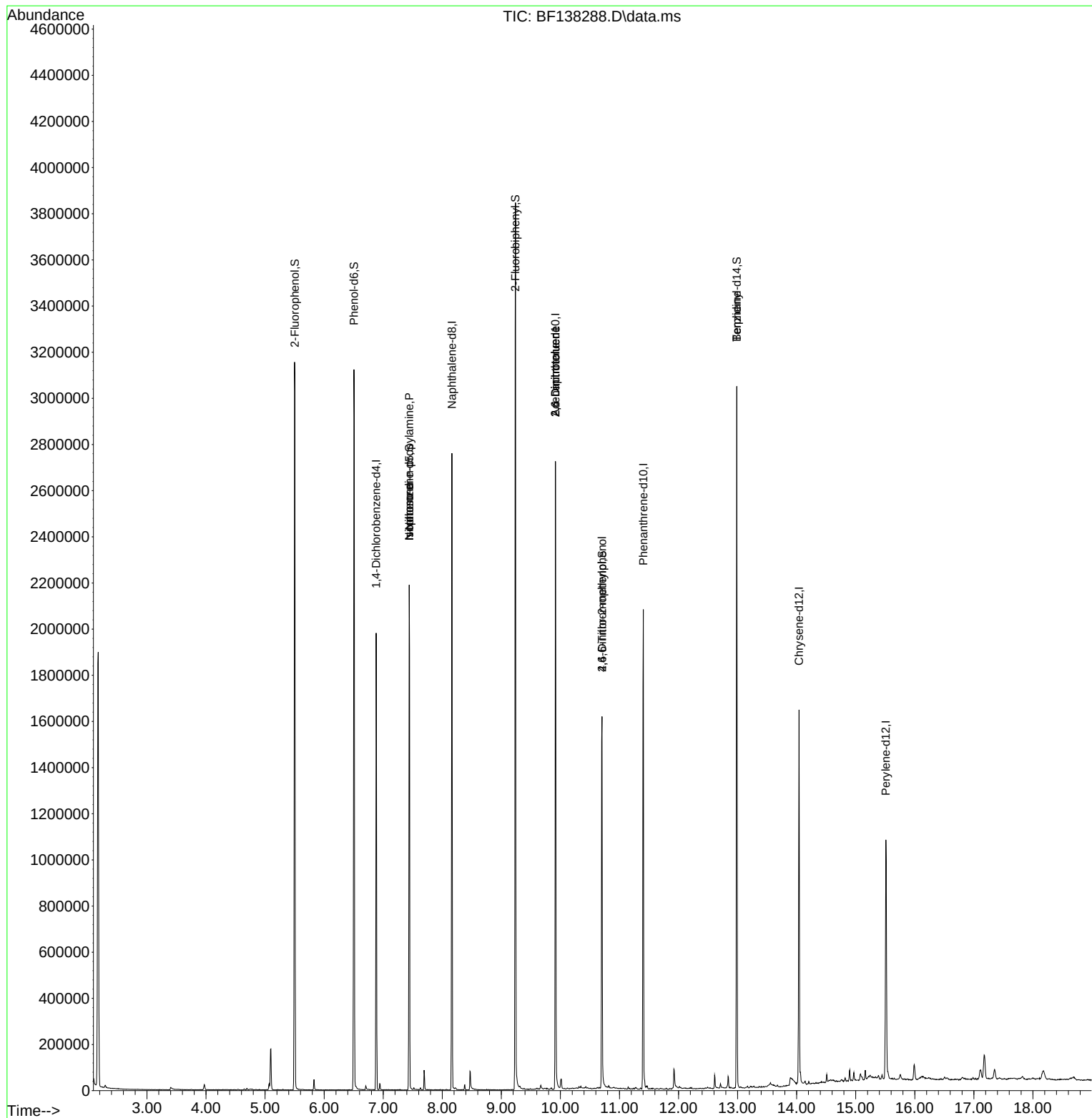
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	277688	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1050743	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	543633	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	761669	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	502613	20.000	ng	-0.01
86) Perylene-d12	15.510	264	505222	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	948098	57.115	ng	0.00
7) Phenol-d6	6.504	99	1148164	54.546	ng	-0.02
23) Nitrobenzene-d5	7.440	82	684539	37.927	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	213829	39.510	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1187423	34.733	ng	-0.01
79) Terphenyl-d14	12.986	244	979249	30.858	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	88107	7.061	ng	# 80
25) Isophorone	7.440	82	683202	20.927	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	69818	9.662	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	70082	7.863	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	371	7.016	ng	# 1
77) Benzidine	12.986	184	12059	2.074	ng	# 95

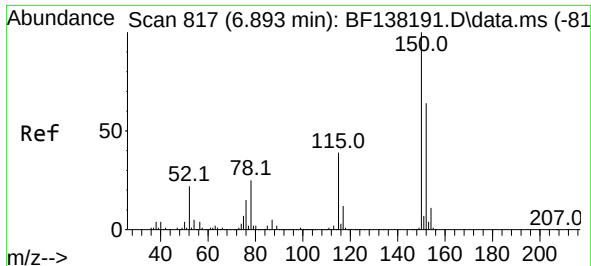
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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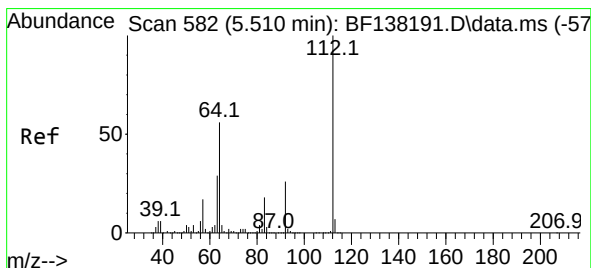
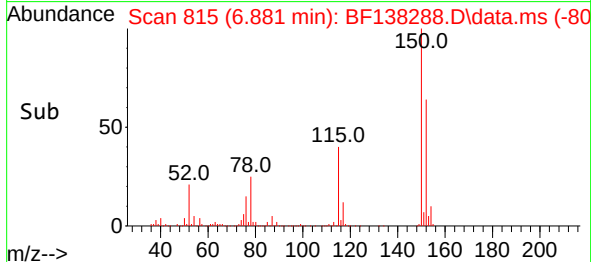
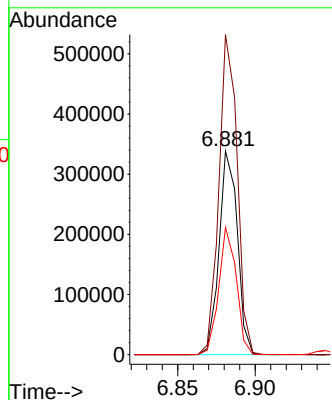
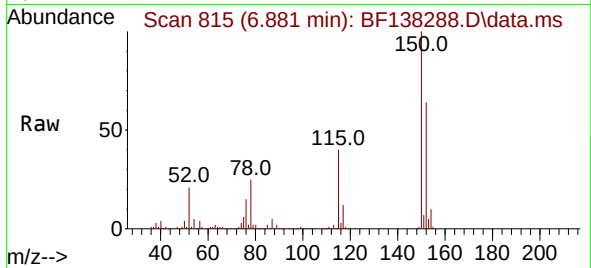




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

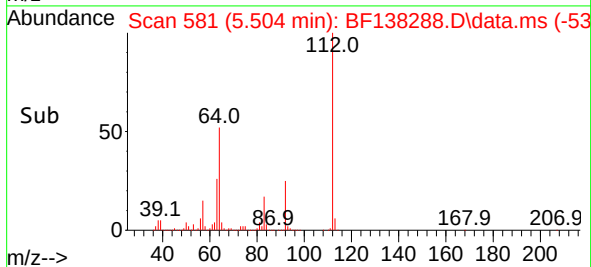
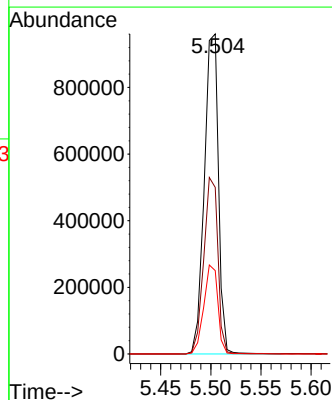
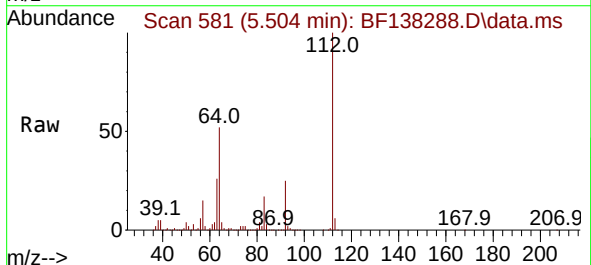
Instrument :
BNA_F
ClientSampleId :
OSTL-B3

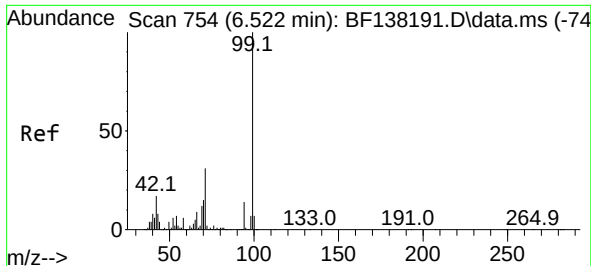
Tgt Ion:152 Resp: 277688
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.4
115 62.4 48.4 72.6



#5
2-Fluorophenol
Concen: 57.115 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

Tgt Ion:112 Resp: 948098
Ion Ratio Lower Upper
112 100
64 52.0 45.2 67.8
63 26.0 22.9 34.3

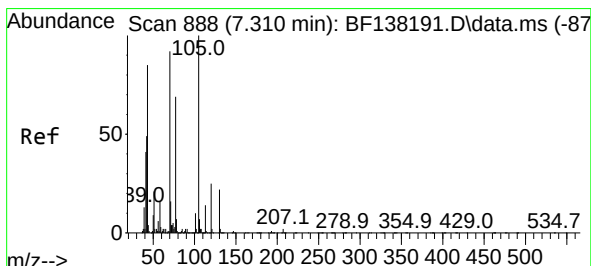
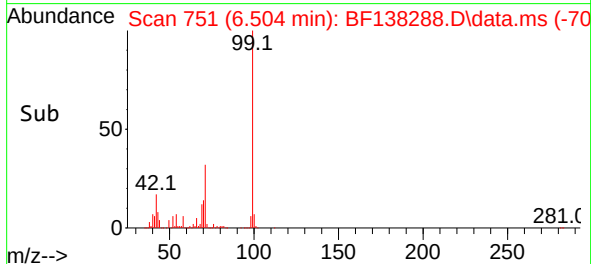
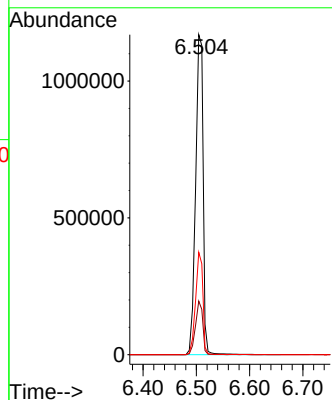
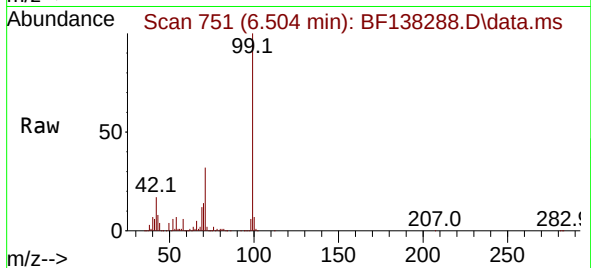




#7
Phenol-d6
Concen: 54.546 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

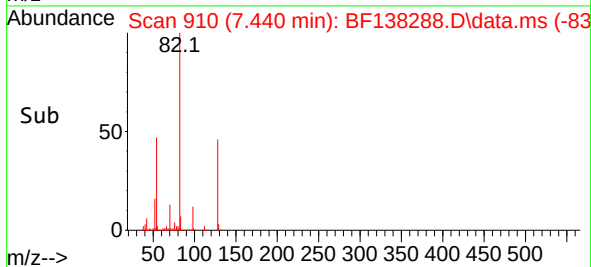
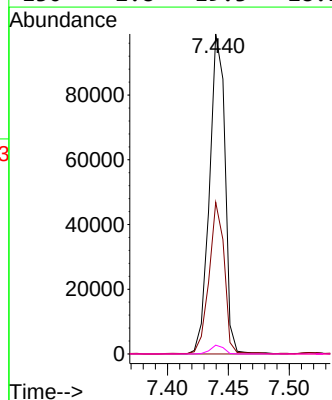
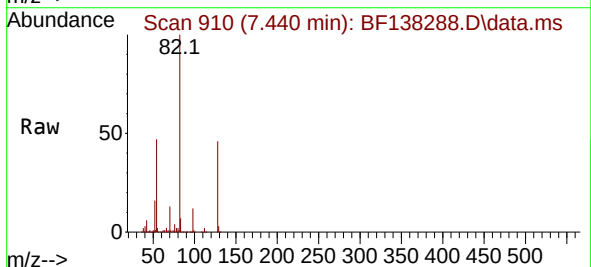
Instrument :
BNA_F
ClientSampleId :
OSTL-B3

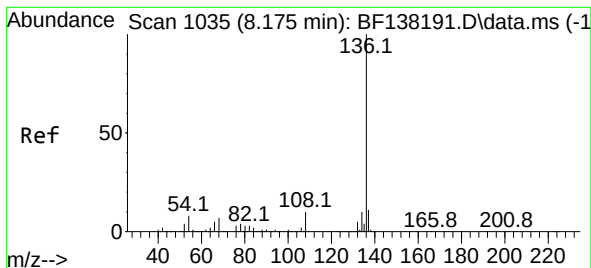
Tgt Ion: 99 Resp: 1148164
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 32.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.061 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.129 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

Tgt Ion: 70 Resp: 88107
Ion Ratio Lower Upper
70 100
42 47.4 42.8 64.2
101 0.0 8.4 12.6#
130 2.8 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

Instrument :

BNA_F

ClientSampleId :

OSTL-B3

Tgt Ion:136 Resp: 1050743

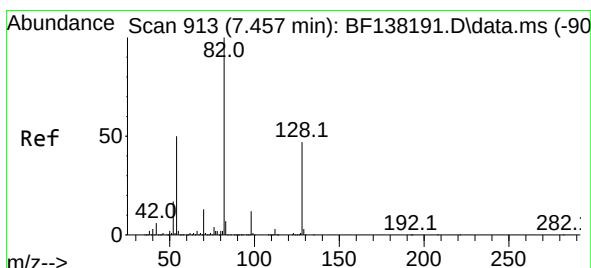
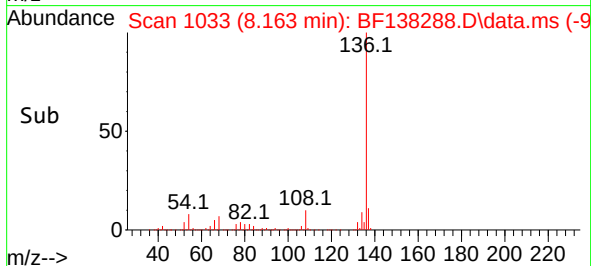
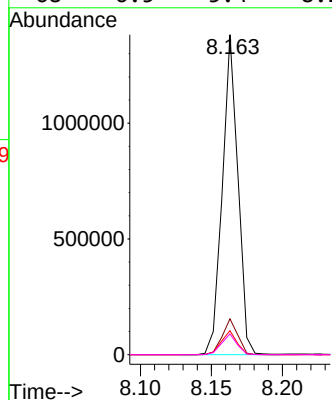
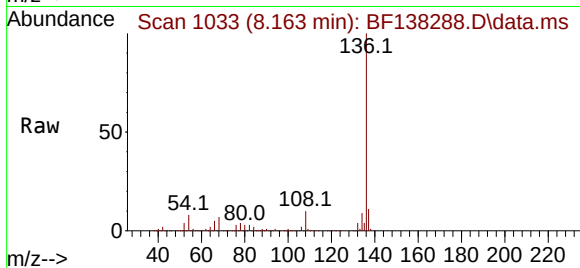
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.5 6.6 10.0

68 6.5 5.4 8.2



#23

Nitrobenzene-d5

Concen: 37.927 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.018 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

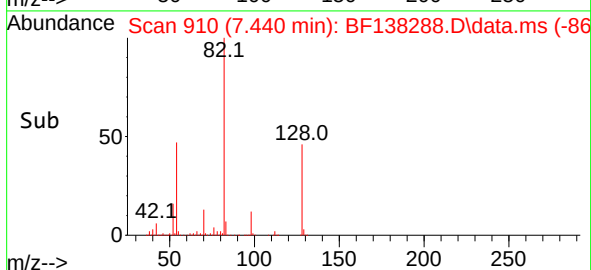
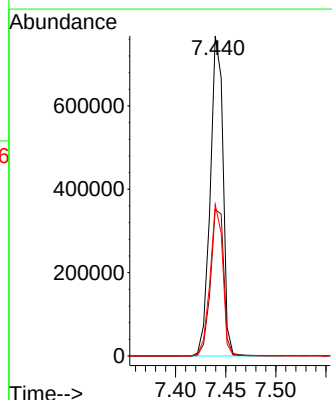
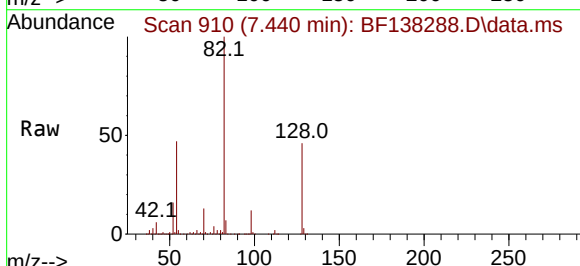
Tgt Ion: 82 Resp: 684539

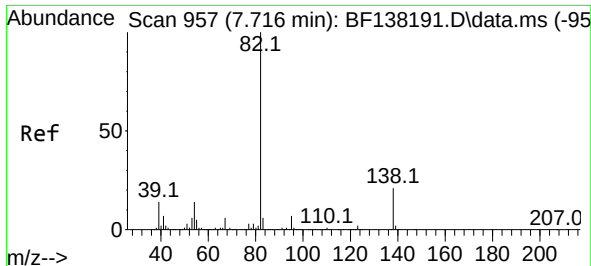
Ion Ratio Lower Upper

82 100

128 45.8 37.2 55.8

54 47.3 39.8 59.6

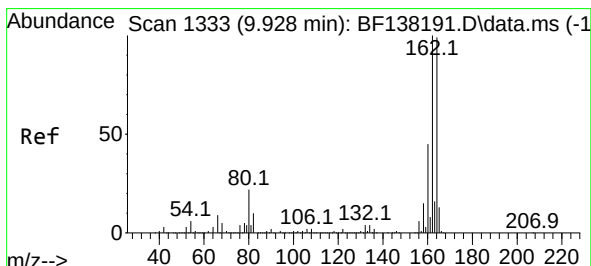
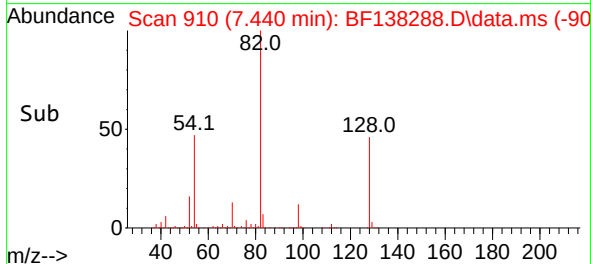
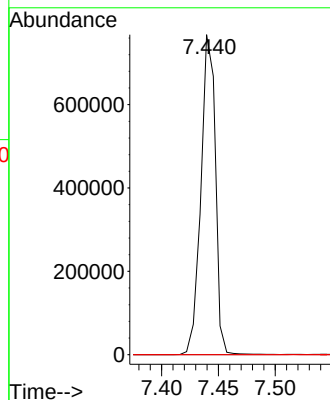
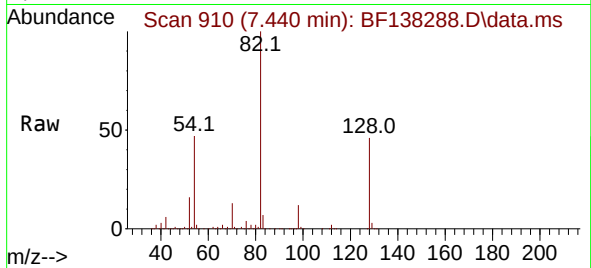




#25
Isophorone
Concen: 20.927 ng
RT: 7.440 min Scan# 91
Delta R.T. -0.276 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

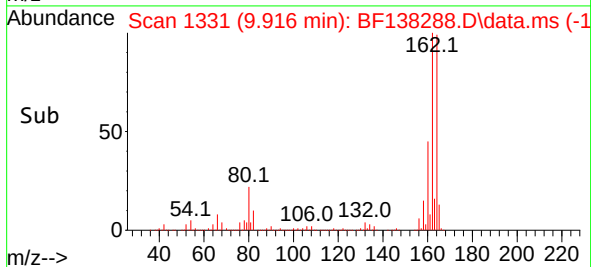
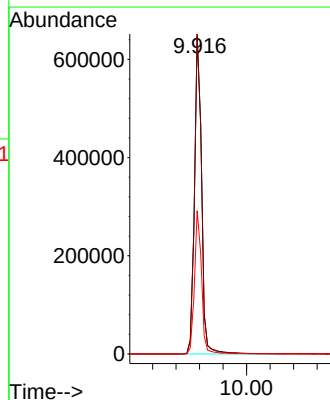
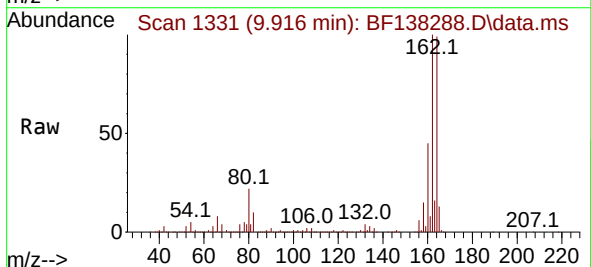
Instrument :
BNA_F
ClientSampleId :
OSTL-B3

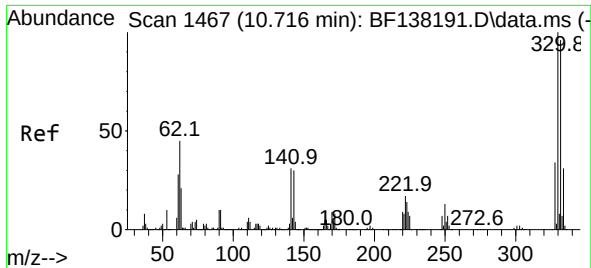
Tgt Ion: 82 Resp: 683202
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

Tgt Ion: 164 Resp: 543633
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 45.0 36.3 54.5

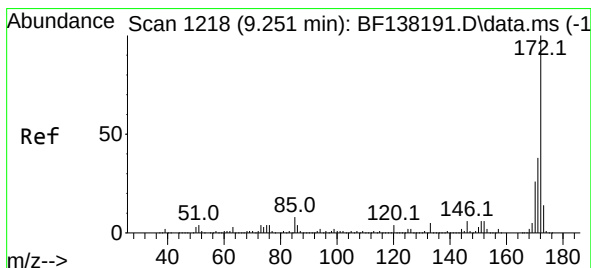
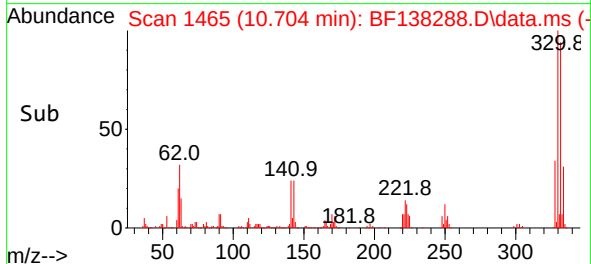
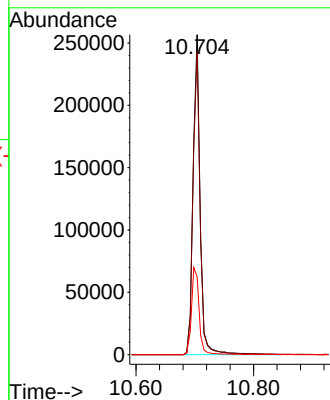
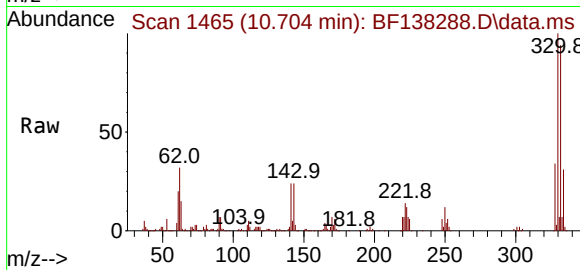




#42
2,4,6-Tribromophenol
Concen: 39.510 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

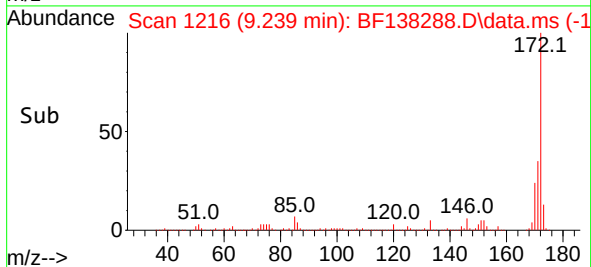
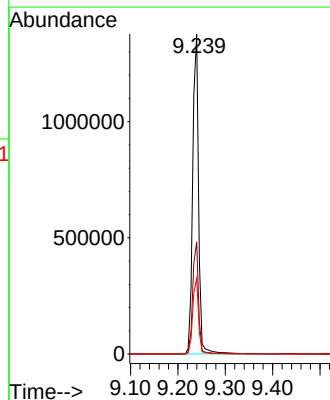
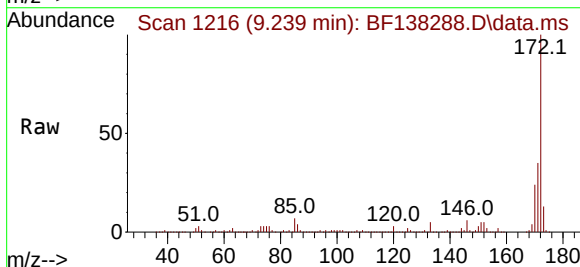
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ClientSampleId :
OSTL-B3

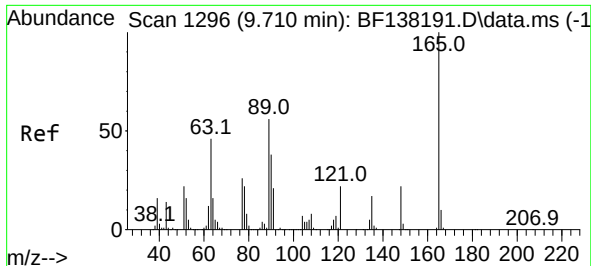
Tgt Ion:330 Resp: 213829
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 29.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 34.733 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

Tgt Ion:172 Resp: 1187423
Ion Ratio Lower Upper
172 100
171 35.0 30.3 45.5
170 23.6 20.6 30.8

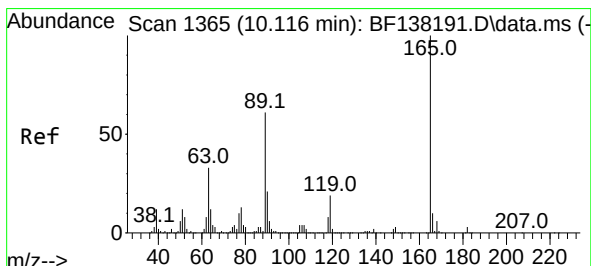
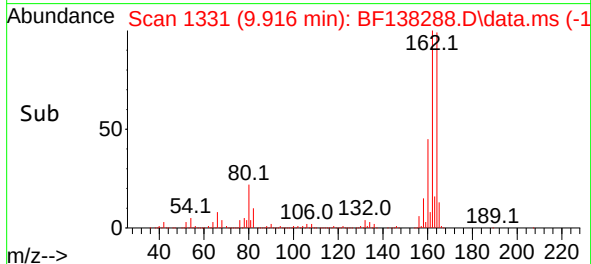
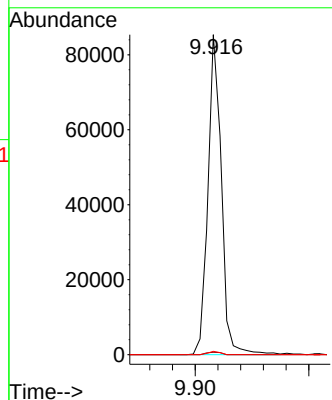
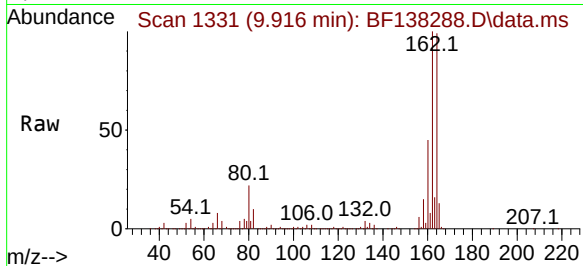




#51
2,6-Dinitrotoluene
Concen: 9.662 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

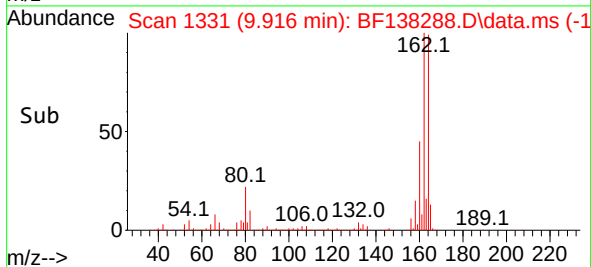
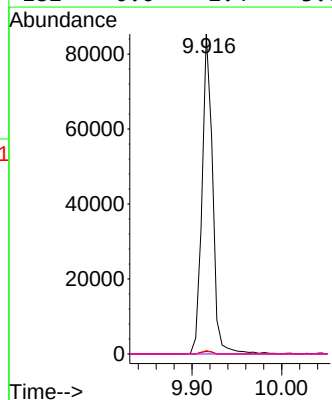
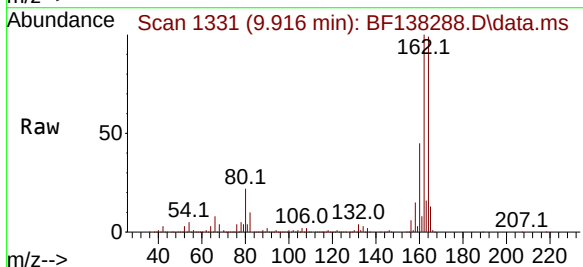
Instrument :
BNA_F
ClientSampleId :
OSTL-B3

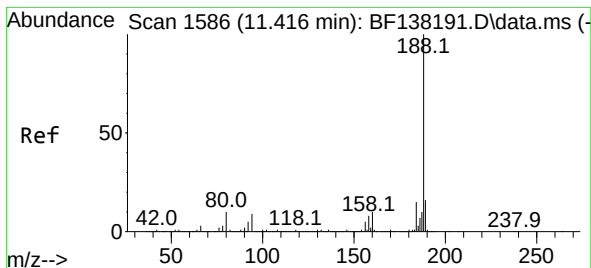
Tgt Ion:165 Resp: 69818
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.863 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

Tgt Ion:165 Resp: 70082
Ion Ratio Lower Upper
165 100
63 0.7 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: BF138288.D

Acq: 21 Jun 2024 16:30

Instrument :

BNA_F

ClientSampleId :

OSTL-B3

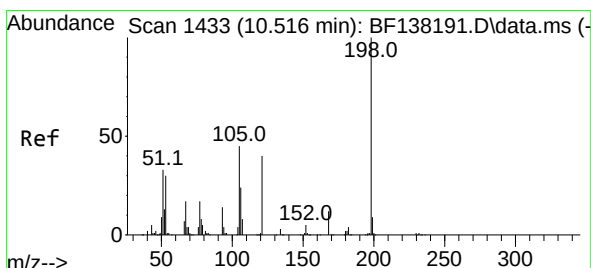
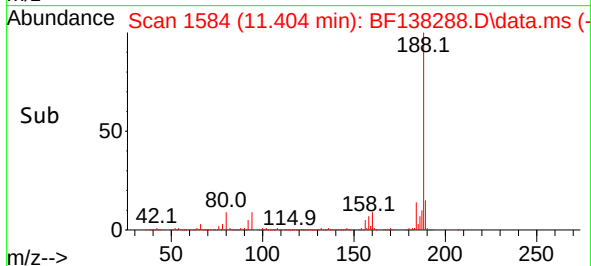
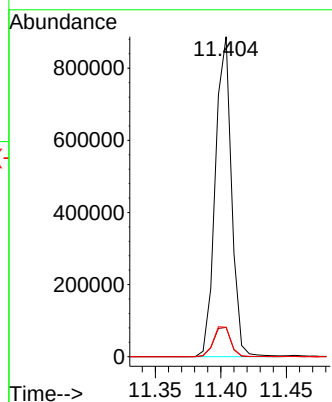
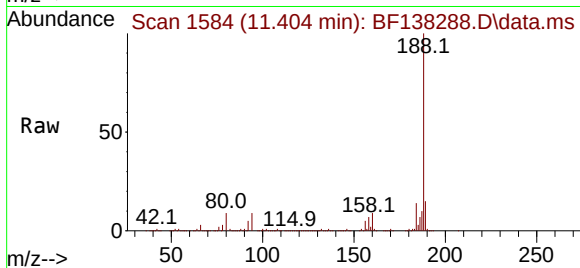
Tgt Ion:188 Resp: 761669

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.2 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.016 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

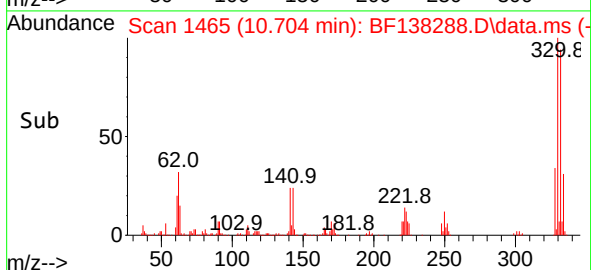
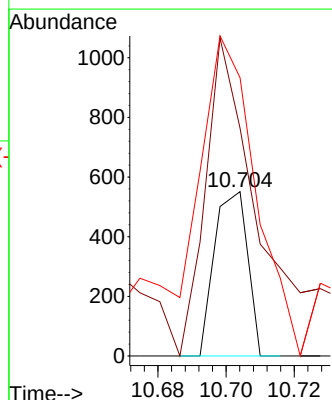
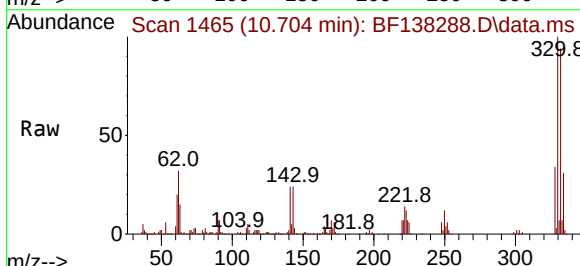
Tgt Ion:198 Resp: 371

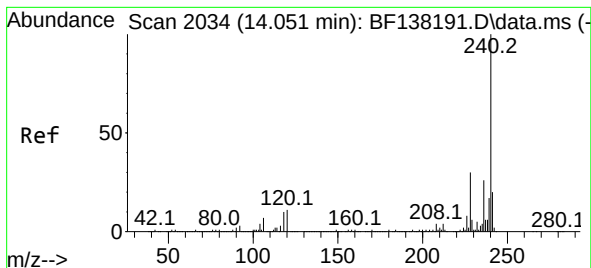
Ion Ratio Lower Upper

198 100

51 138.7 26.9 66.9#

105 169.3 26.0 66.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

Instrument :

BNA_F

ClientSampleId :

OSTL-B3

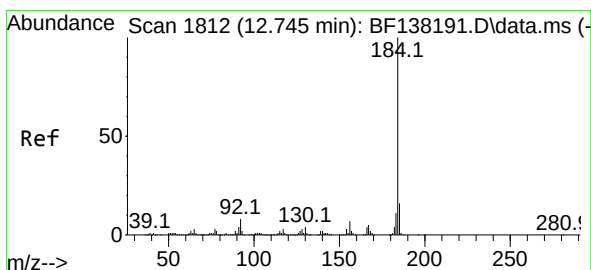
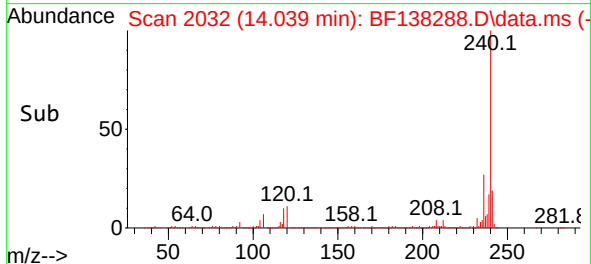
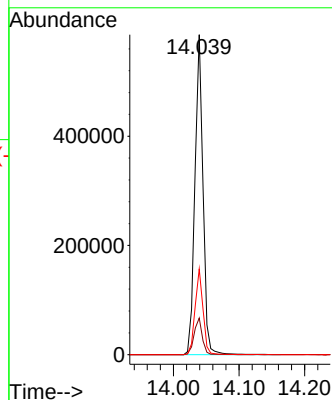
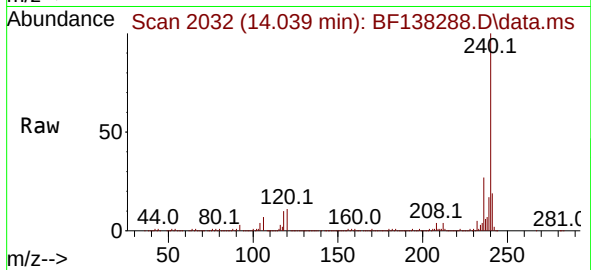
Tgt Ion:240 Resp: 502613

Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

236 26.8 21.0 31.6



#77

Benzdine

Concen: 2.074 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

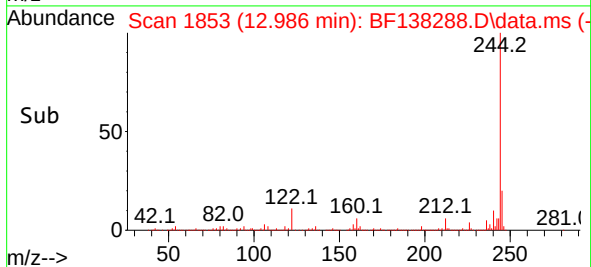
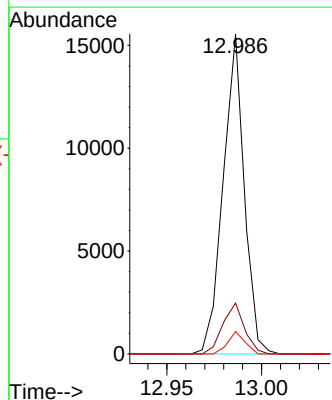
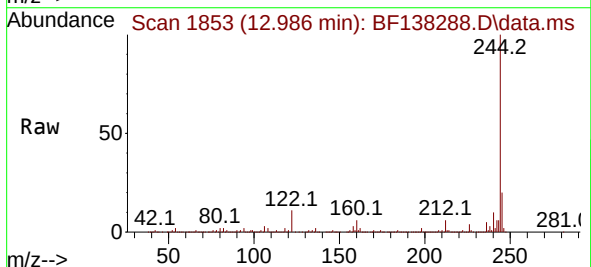
Tgt Ion:184 Resp: 12059

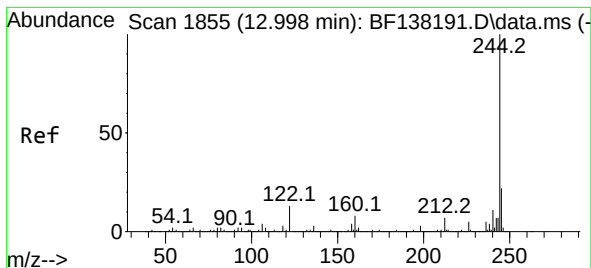
Ion Ratio Lower Upper

184 100

185 15.9 12.6 19.0

183 7.0 9.0 13.6#





#79

Terphenyl-d14

Concen: 30.858 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

Instrument :

BNA_F

ClientSampleId :

OSTL-B3

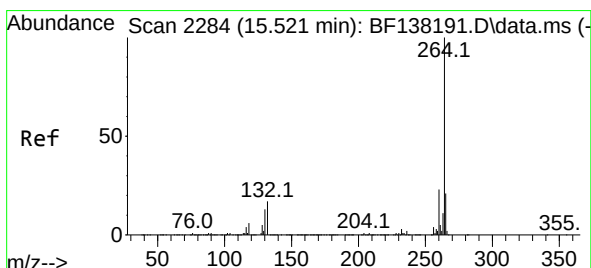
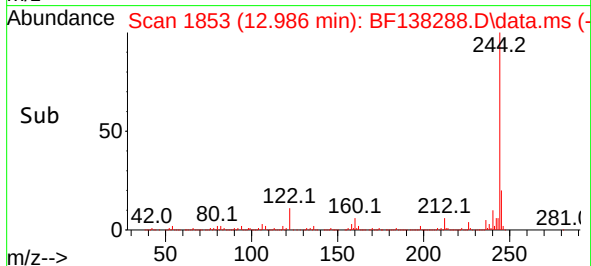
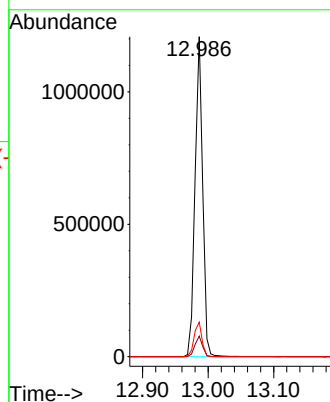
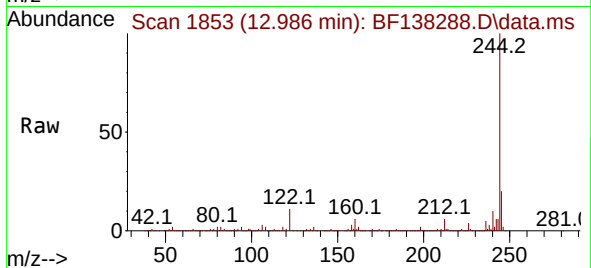
Tgt Ion:244 Resp: 979249

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

122 10.8 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

Tgt Ion:264 Resp: 505222

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 17.0 25.6

