

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138289.D
 Acq On : 21 Jun 2024 17:01
 Operator : CG\JU
 Sample : P2977-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B4

Quant Time: Jun 21 17:25:01 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)

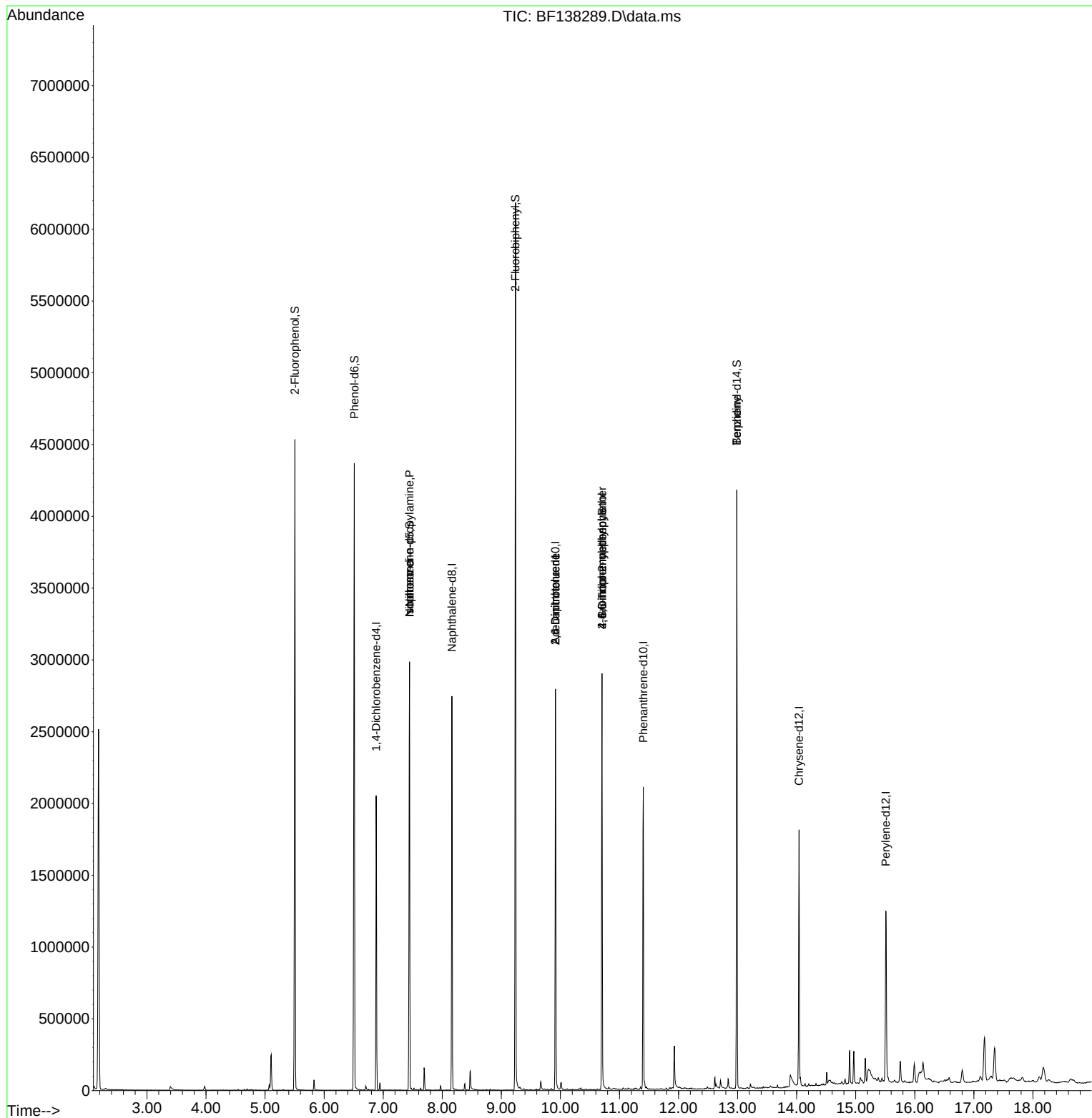
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	288808	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1086340	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	555455	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	774809	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	543904	20.000	ng	-0.01
86) Perylene-d12	15.510	264	572527	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1261363	73.060	ng	0.00
7) Phenol-d6	6.510	99	1528042	69.798	ng	-0.01
23) Nitrobenzene-d5	7.445	82	921037	49.358	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	343595	62.137	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1738577	49.772	ng	-0.01
79) Terphenyl-d14	12.986	244	1355847	39.482	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	121517	9.364	ng	# 77
25) Isophorone	7.445	82	921181	27.292	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	71812	9.726	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	71812	7.886	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	803	7.108	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	21683	2.484	ng	# 1
77) Benzidine	12.986	184	16414	2.609	ng	# 94

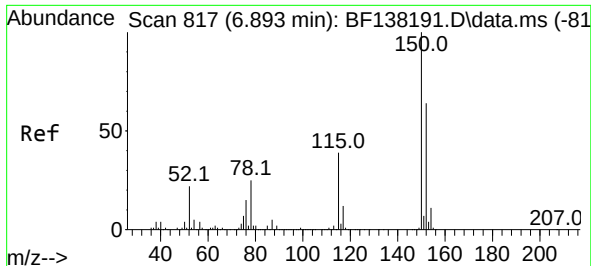
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

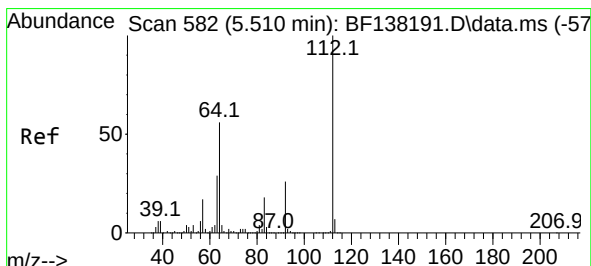
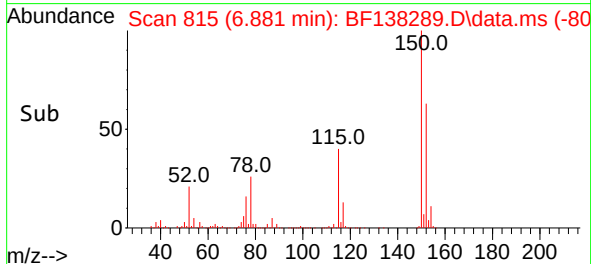
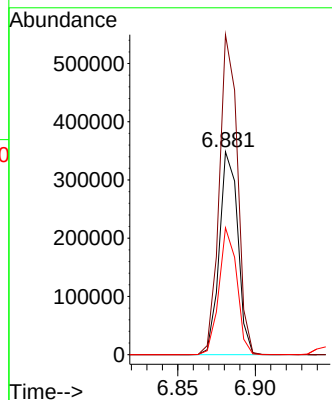
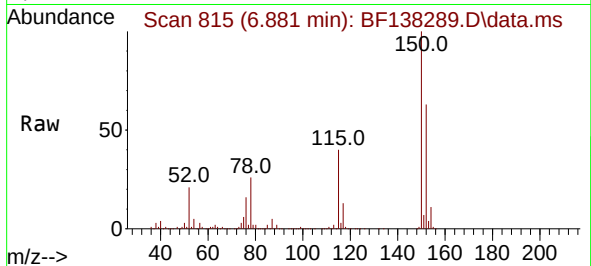




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

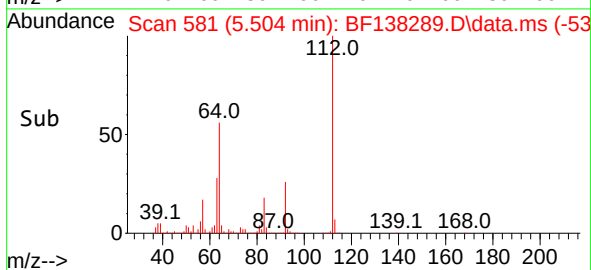
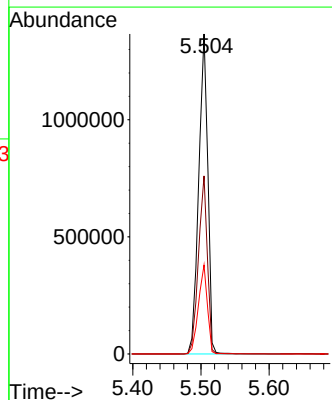
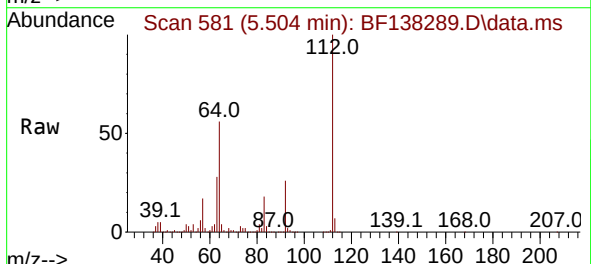
Instrument :
BNA_F
ClientSampleId :
OSTL-B4

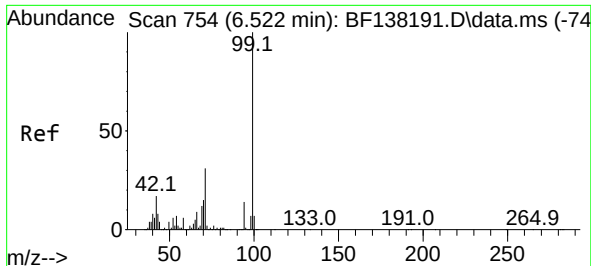
Tgt Ion:152 Resp: 288808
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.4
115 62.5 48.4 72.6



#5
2-Fluorophenol
Concen: 73.060 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

Tgt Ion:112 Resp: 1261363
Ion Ratio Lower Upper
112 100
64 55.7 45.2 67.8
63 27.8 22.9 34.3

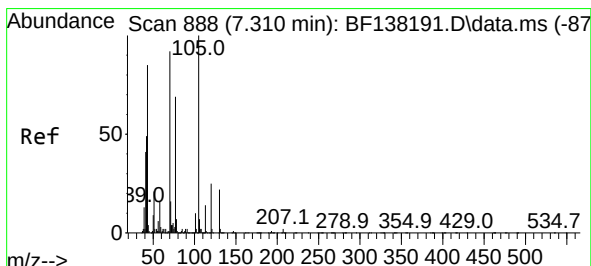
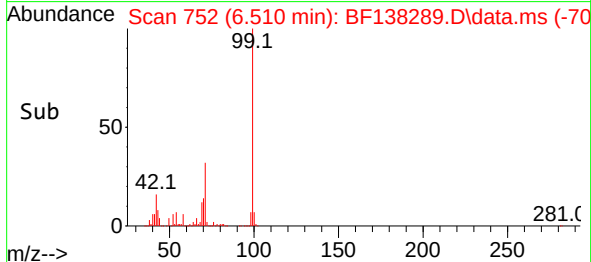
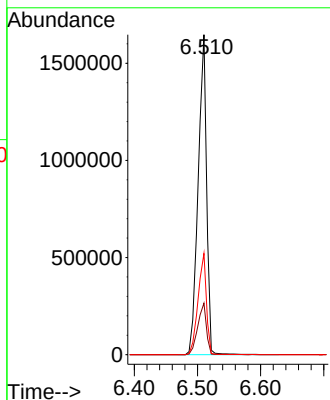
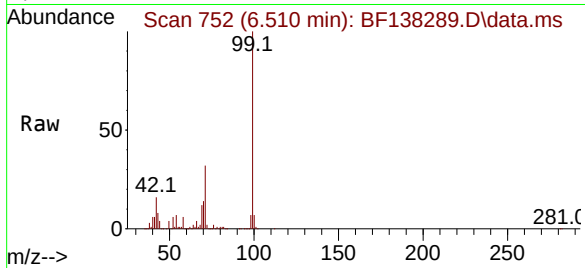




#7
Phenol-d6
Concen: 69.798 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

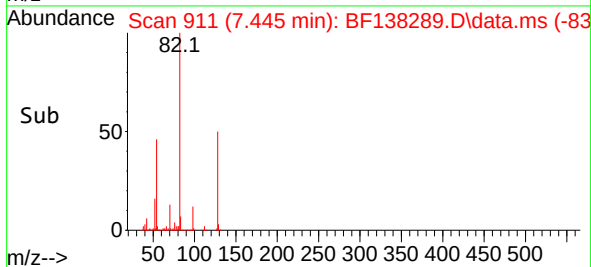
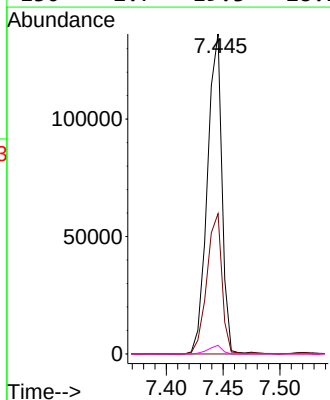
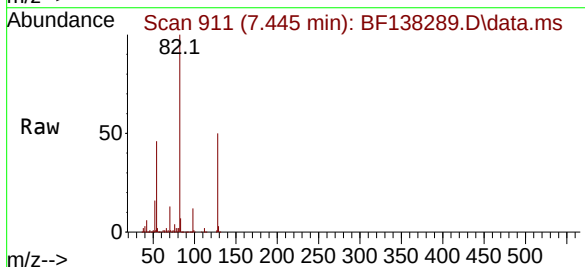
Instrument :
BNA_F
ClientSampleId :
OSTL-B4

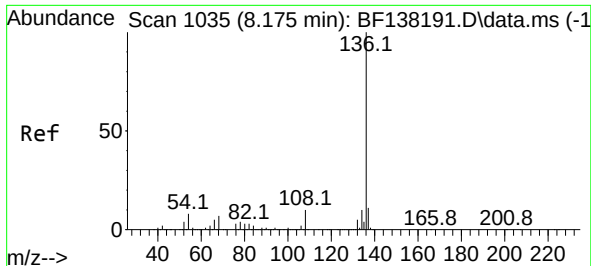
Tgt Ion: 99 Resp: 1528042
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 31.6 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.364 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

Tgt Ion: 70 Resp: 121517
Ion Ratio Lower Upper
70 100
42 43.9 42.8 64.2
101 0.0 8.4 12.6#
130 2.7 19.3 28.9#

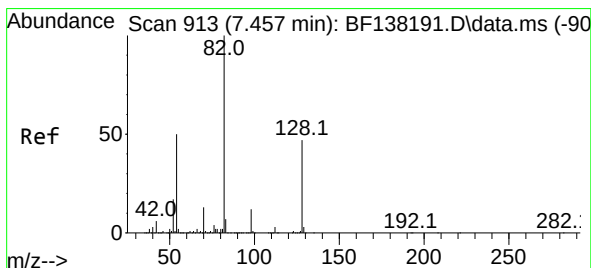
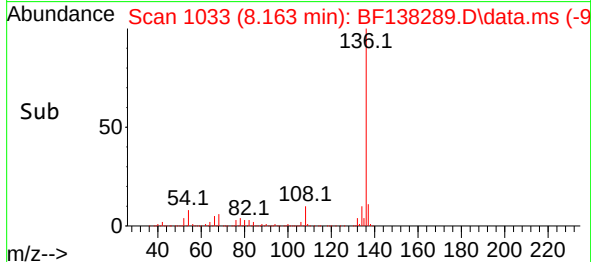
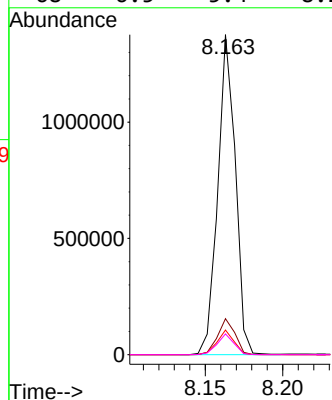
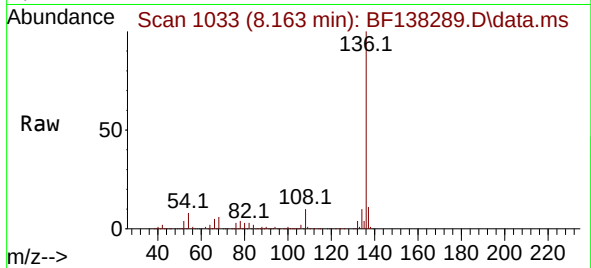




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

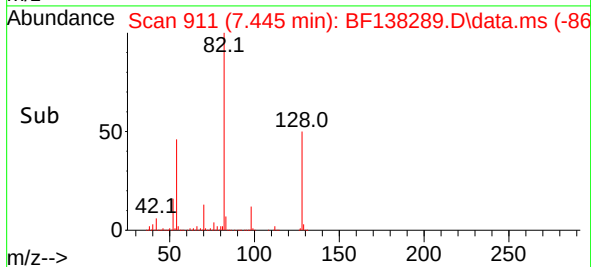
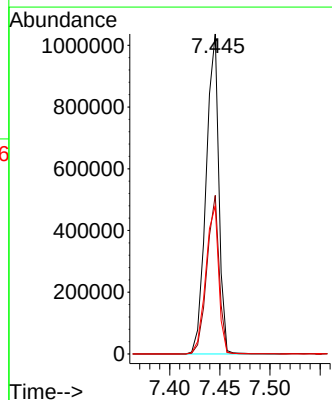
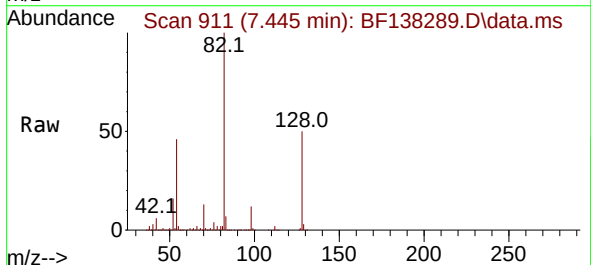
Instrument :
BNA_F
ClientSampleId :
OSTL-B4

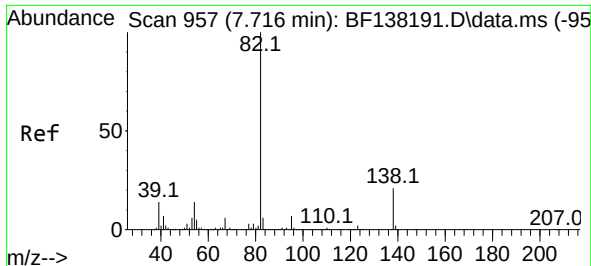
Tgt Ion:136 Resp: 1086340
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.7 6.6 10.0
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 49.358 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

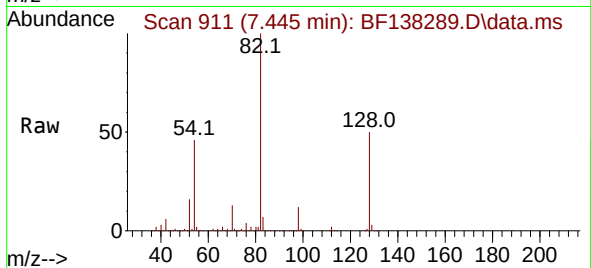
Tgt Ion: 82 Resp: 921037
Ion Ratio Lower Upper
82 100
128 49.6 37.2 55.8
54 46.3 39.8 59.6



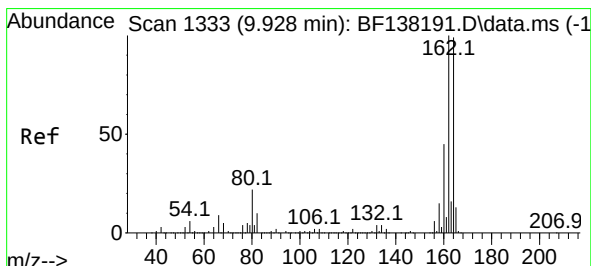
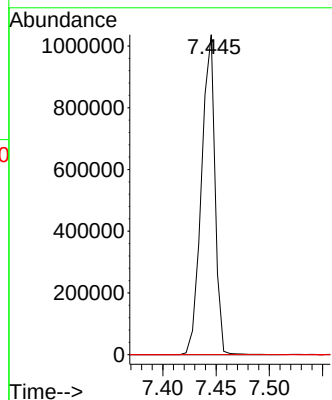
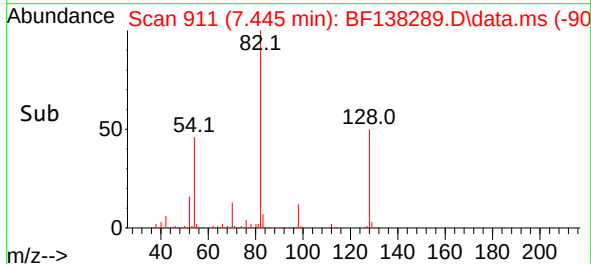


#25
Isophorone
Concen: 27.292 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

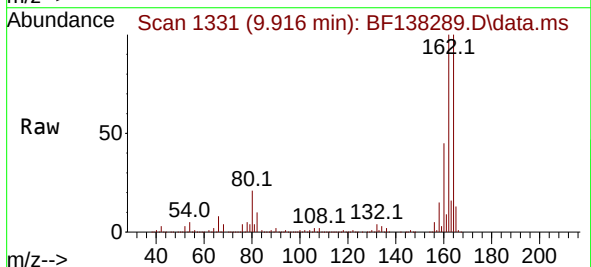
Instrument :
BNA_F
ClientSampleId :
OSTL-B4



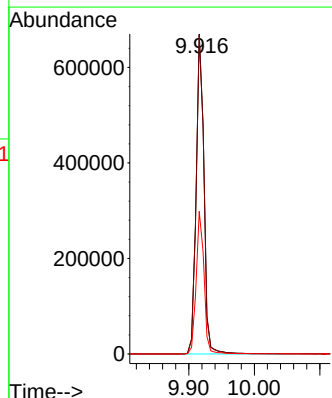
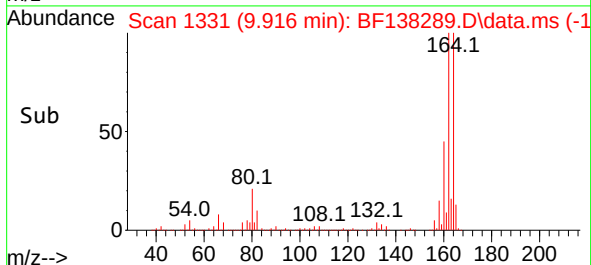
Tgt Ion: 82 Resp: 921181
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#

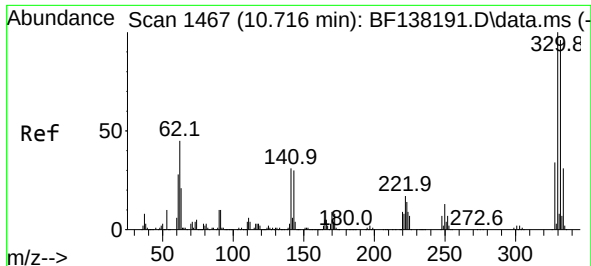


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01



Tgt Ion: 164 Resp: 555455
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 44.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 62.137 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138289.D

Acq: 21 Jun 2024 17:01

Instrument :

BNA_F

ClientSampleId :

OSTL-B4

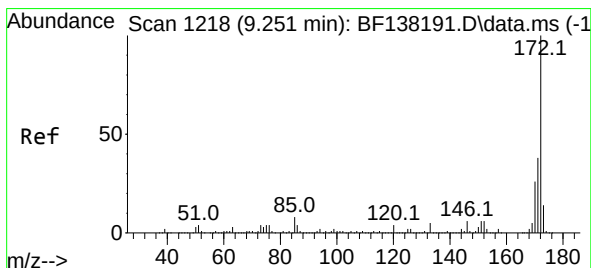
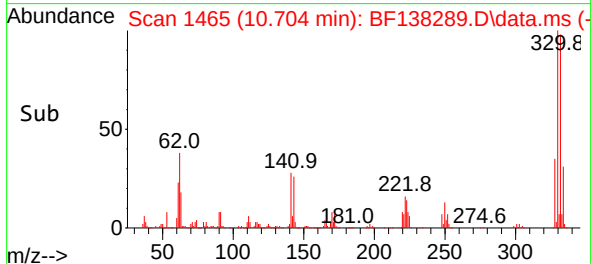
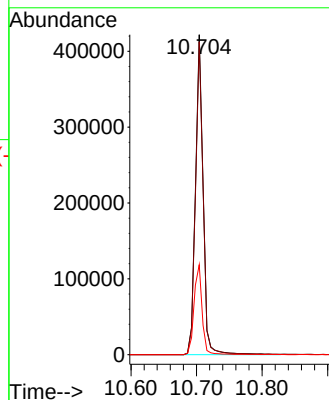
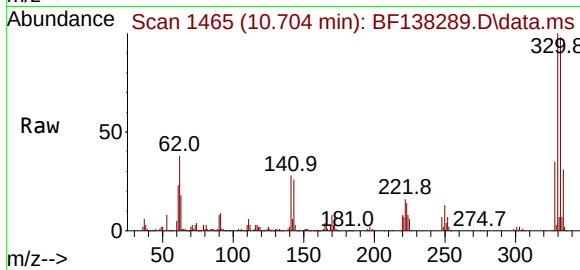
Tgt Ion:330 Resp: 343595

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

141 29.6 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 49.772 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138289.D

Acq: 21 Jun 2024 17:01

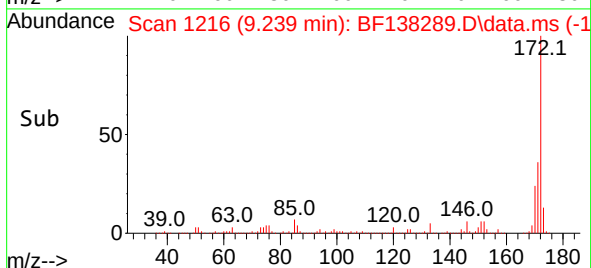
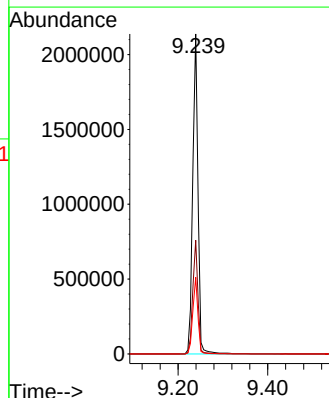
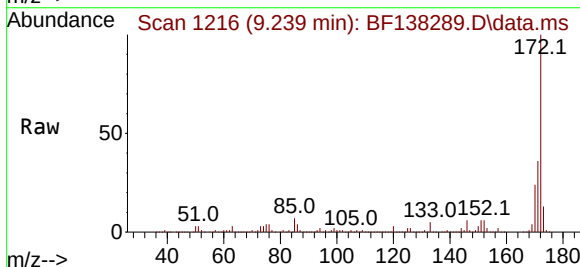
Tgt Ion:172 Resp: 1738577

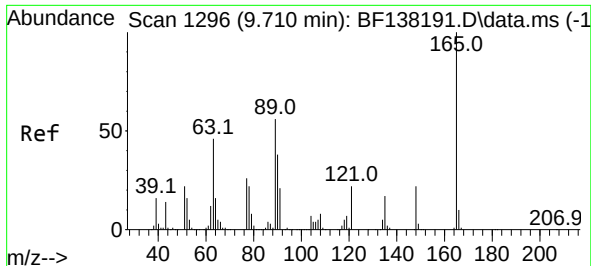
Ion Ratio Lower Upper

172 100

171 35.6 30.3 45.5

170 24.0 20.6 30.8

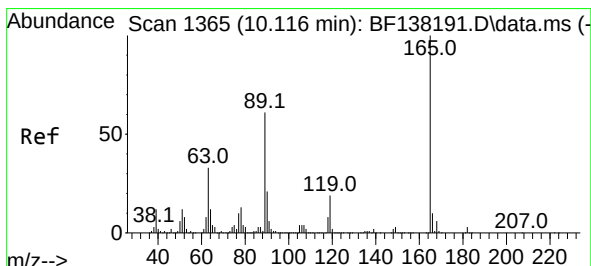
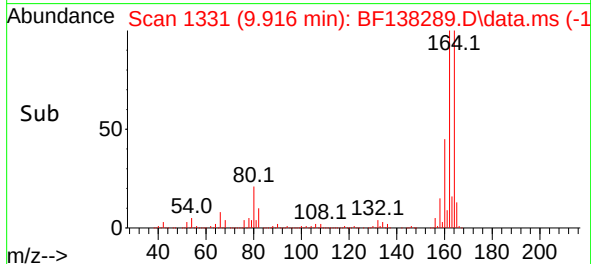
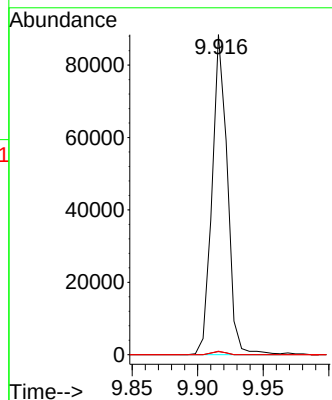
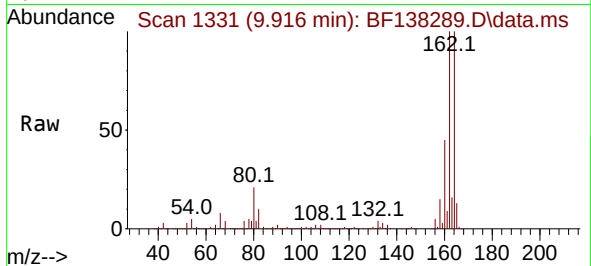




#51
2,6-Dinitrotoluene
Concen: 9.726 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

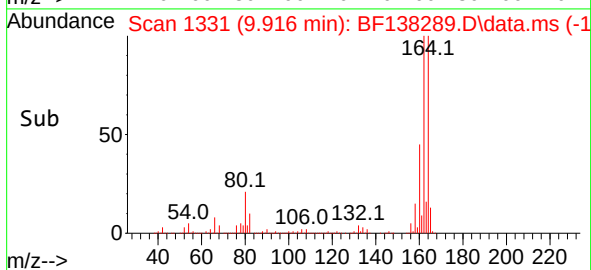
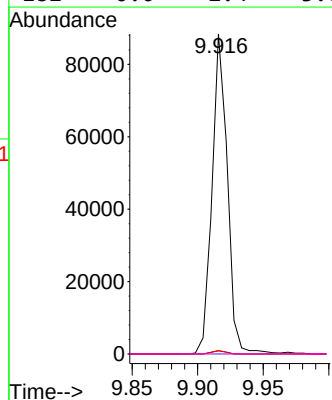
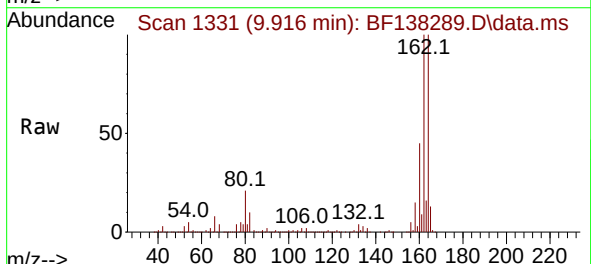
Instrument :
BNA_F
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OSTL-B4

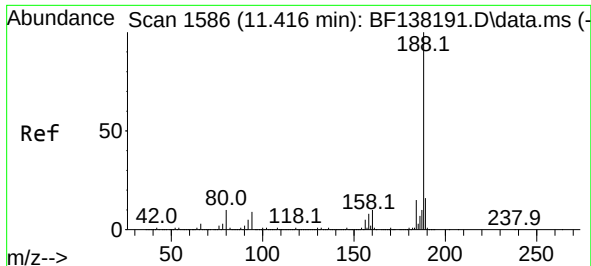
Tgt Ion:165 Resp: 71812
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 1.1 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.886 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

Tgt Ion:165 Resp: 71812
Ion Ratio Lower Upper
165 100
63 1.0 26.6 39.8#
89 1.1 48.7 73.1#
182 0.0 2.4 3.6#

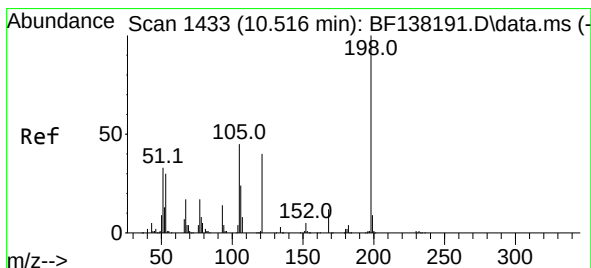
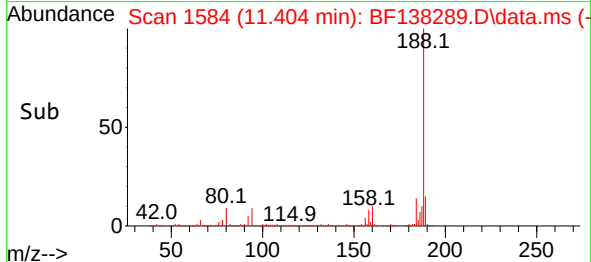
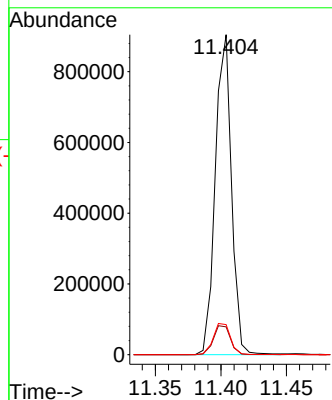
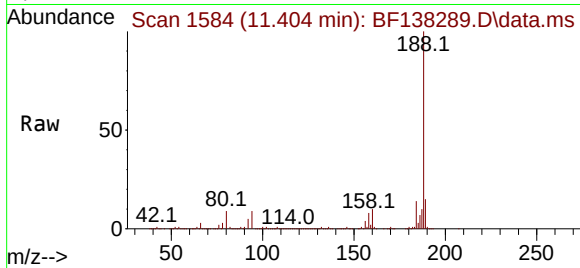




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

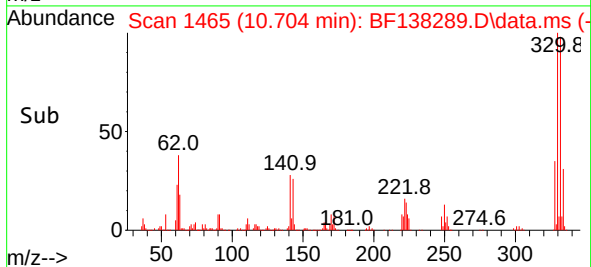
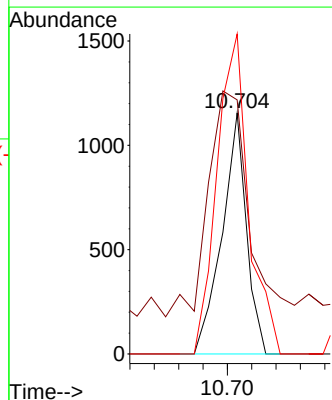
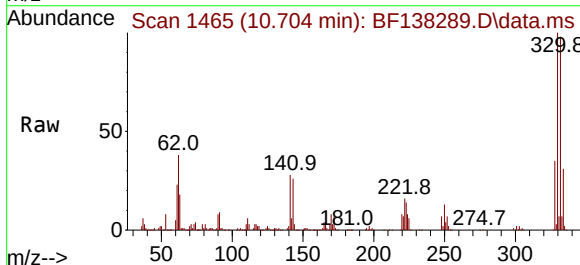
Instrument :
BNA_F
ClientSampleId :
OSTL-B4

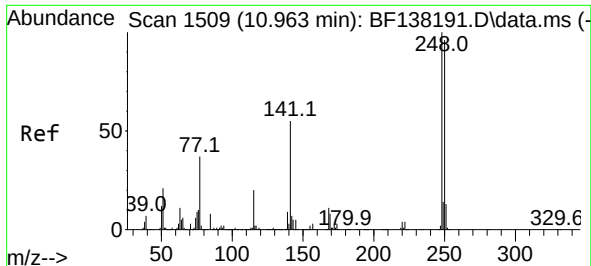
Tgt Ion:188 Resp: 774809
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.4 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.108 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

Tgt Ion:198 Resp: 803
Ion Ratio Lower Upper
198 100
51 105.5 26.9 66.9#
105 132.8 26.0 66.0#

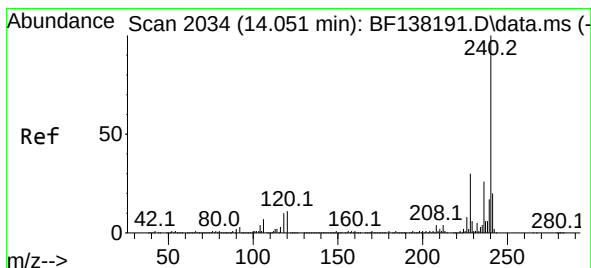
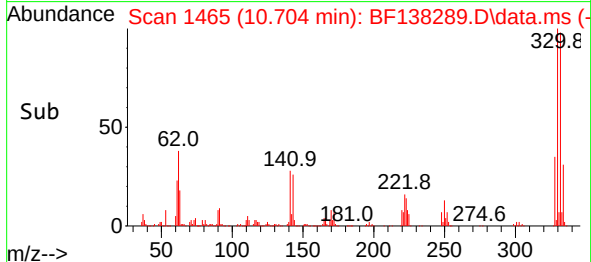
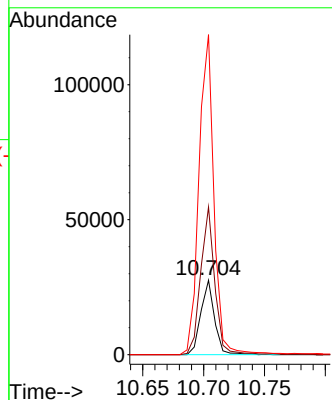
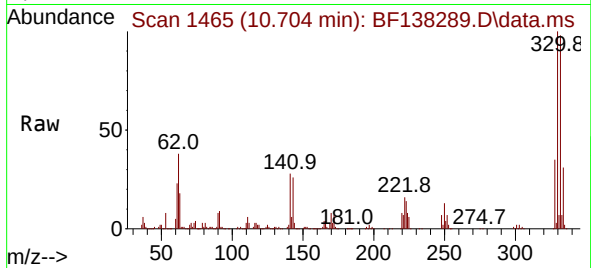




#67
4-Bromophenyl-phenylether
Concen: 2.484 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

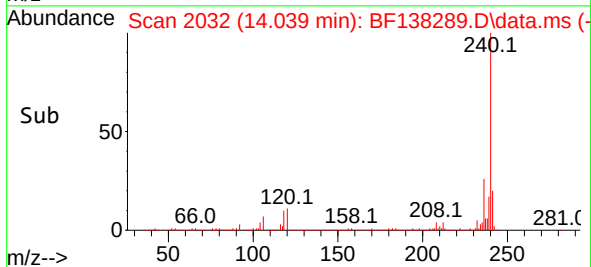
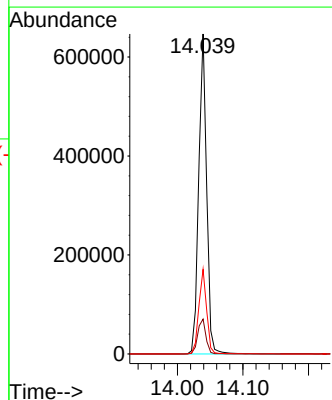
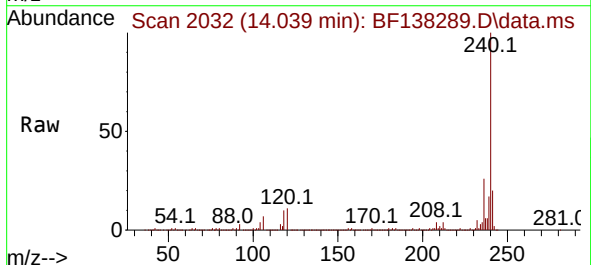
Instrument :
BNA_F
ClientSampleId :
OSTL-B4

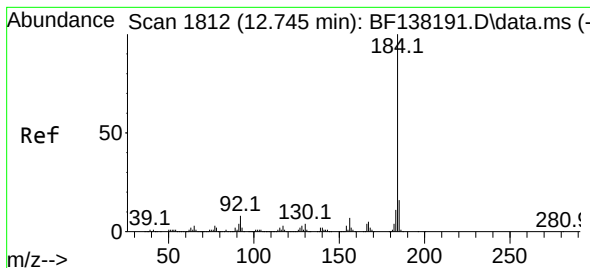
Tgt Ion:248 Resp: 21683
Ion Ratio Lower Upper
248 100
250 198.4 77.2 115.8#
141 429.8 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138289.D
Acq: 21 Jun 2024 17:01

Tgt Ion:240 Resp: 543904
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 26.5 21.0 31.6





#77

Benzidine

Concen: 2.609 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138289.D

Acq: 21 Jun 2024 17:01

Instrument :

BNA_F

ClientSampleId :

OSTL-B4

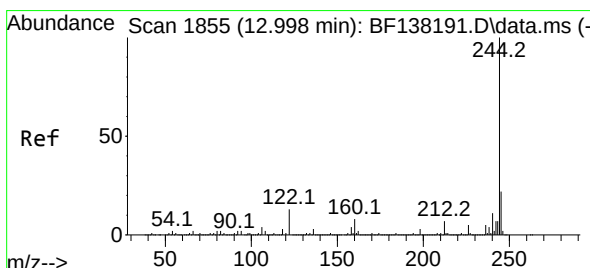
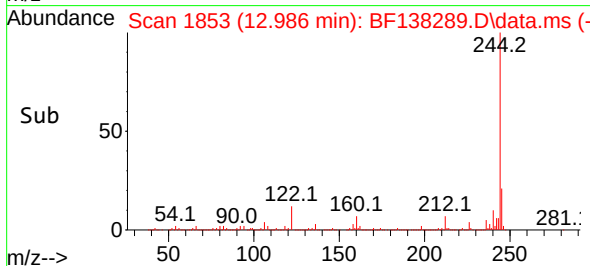
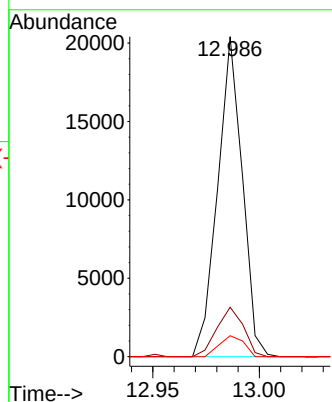
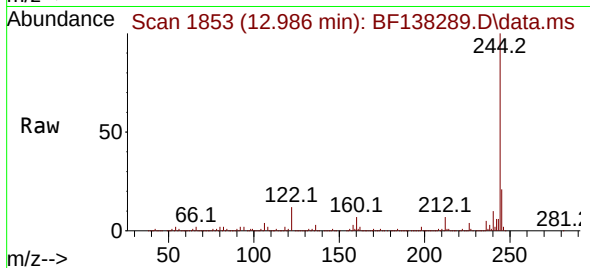
Tgt Ion:184 Resp: 16414

Ion Ratio Lower Upper

184 100

185 15.5 12.6 19.0

183 6.5 9.0 13.6#



#79

Terphenyl-d14

Concen: 39.482 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138289.D

Acq: 21 Jun 2024 17:01

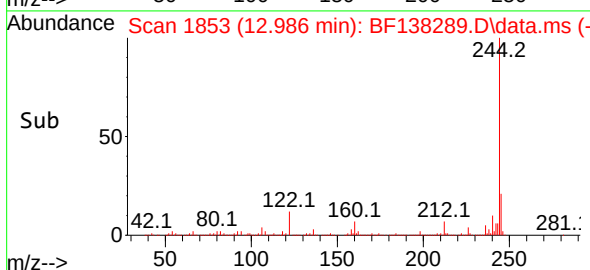
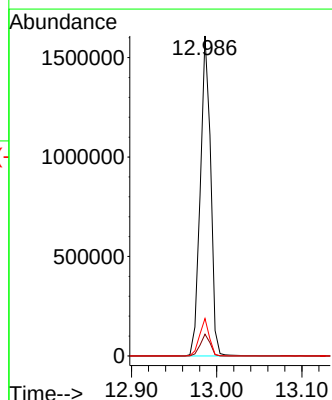
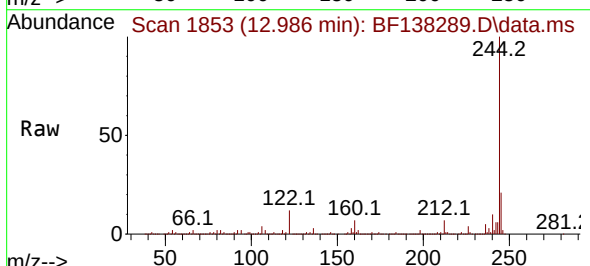
Tgt Ion:244 Resp: 1355847

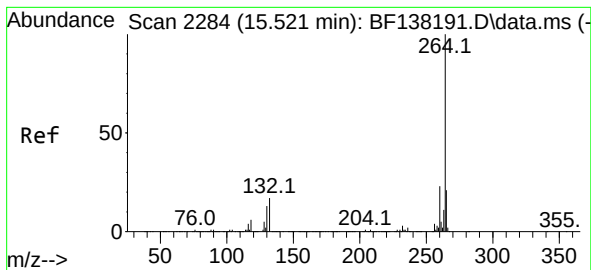
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 11.7 10.6 15.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138289.D
 Acq: 21 Jun 2024 17:01

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B4

Tgt Ion:264 Resp: 572527
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.4 17.0 25.6

