

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138274.D
 Acq On : 20 Jun 2024 21:13
 Operator : CG\JU
 Sample : P2977-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B5

Quant Time: Jun 21 01:20:35 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)

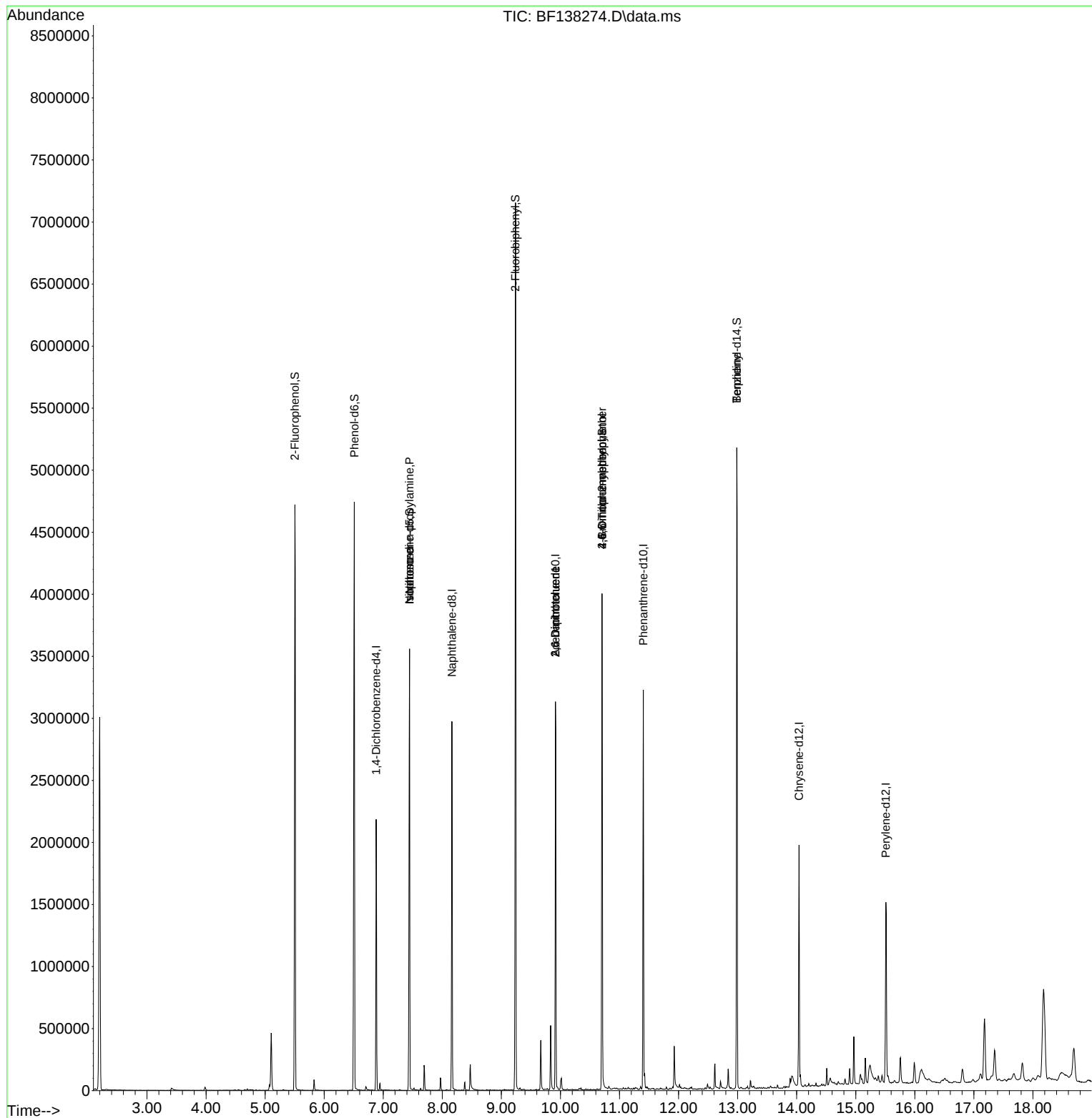
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	317632	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1222172	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	668667	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1044401	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	583684	20.000	ng	-0.01
86) Perylene-d12	15.510	264	688280	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1451042	76.420	ng	0.00
7) Phenol-d6	6.510	99	1790773	74.376	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1103256	52.552	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	505620	75.956	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2115700	50.313	ng	-0.01
79) Terphenyl-d14	12.986	244	1866157	50.638	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	146047	10.233	ng	# 76
25) Isophorone	7.445	82	1100877	28.991	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	86799	9.766	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	86864	7.924	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	1209	7.129	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	31653	2.690	ng	# 1
77) Benzidine	12.986	184	22714	3.364	ng	# 93

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

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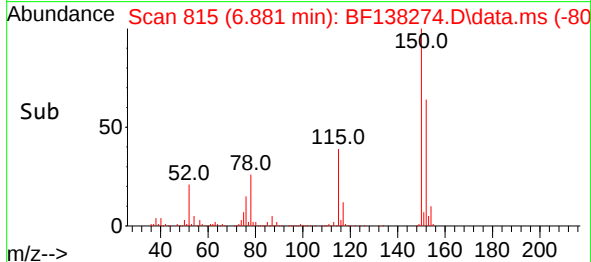
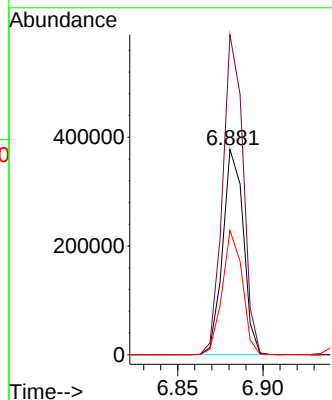
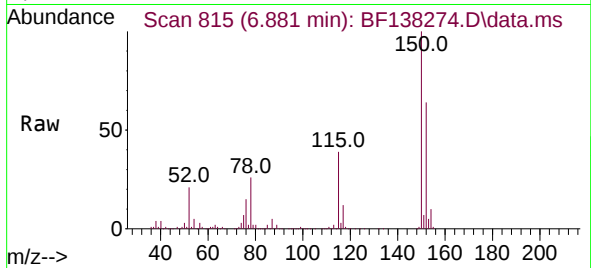




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

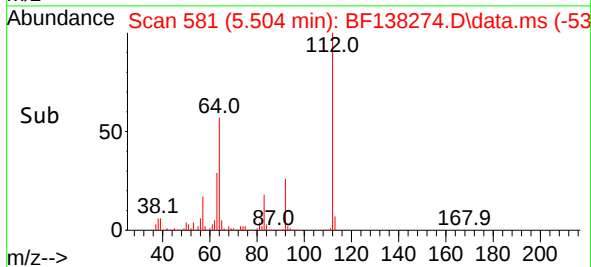
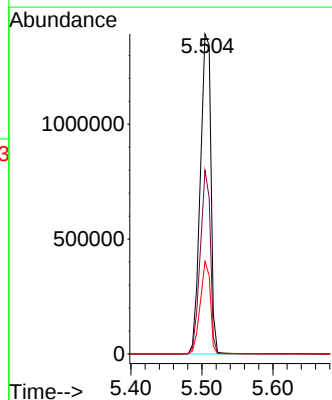
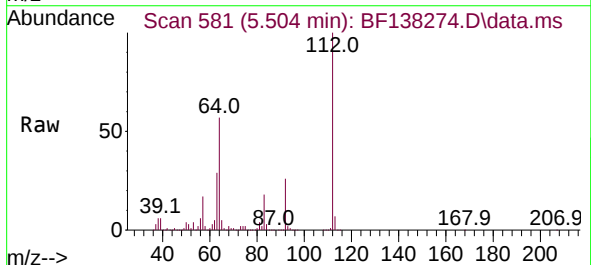
Instrument :
BNA_F
ClientSampleId :
OSTL-B5

Tgt Ion:152 Resp: 317632
Ion Ratio Lower Upper
152 100
150 155.9 125.0 187.4
115 60.5 48.4 72.6



#5
2-Fluorophenol
Concen: 76.420 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

Tgt Ion:112 Resp: 1451042
Ion Ratio Lower Upper
112 100
64 57.3 45.2 67.8
63 28.9 22.9 34.3

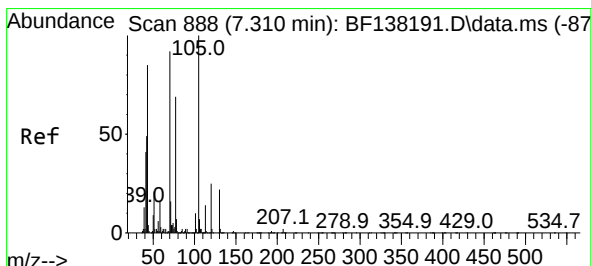
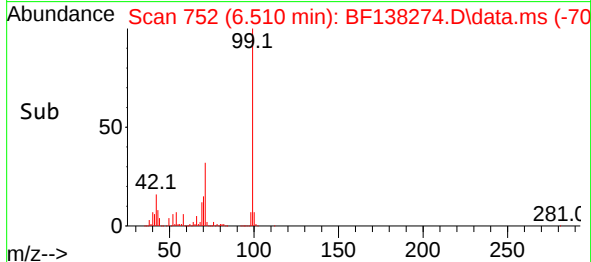
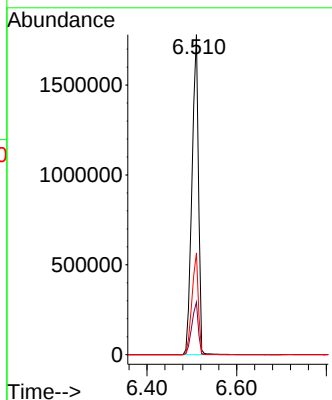
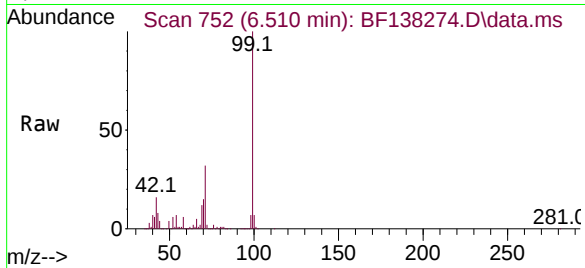




#7
Phenol-d6
Concen: 74.376 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

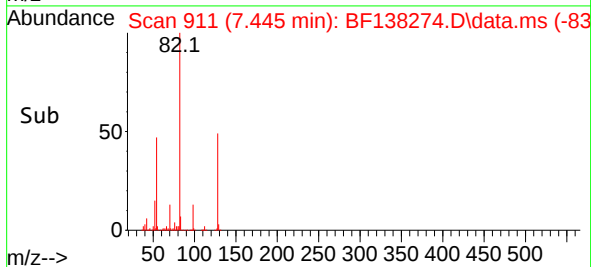
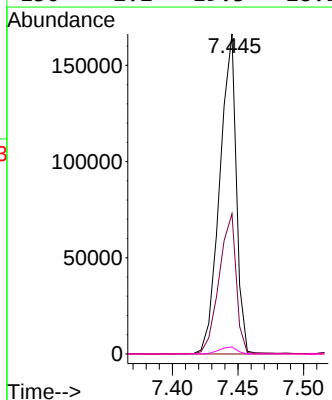
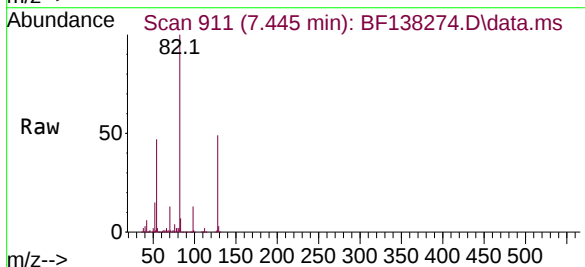
Instrument :
BNA_F
ClientSampleId :
OSTL-B5

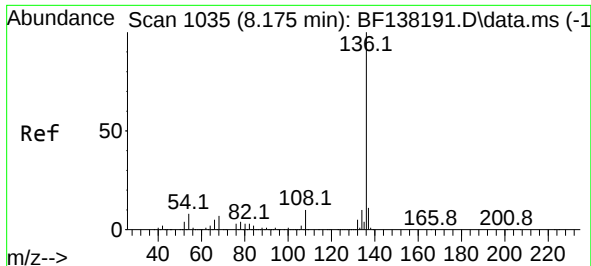
Tgt Ion: 99 Resp: 1790773
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 31.8 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.233 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

Tgt Ion: 70 Resp: 146047
Ion Ratio Lower Upper
70 100
42 43.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.2 19.3 28.9#

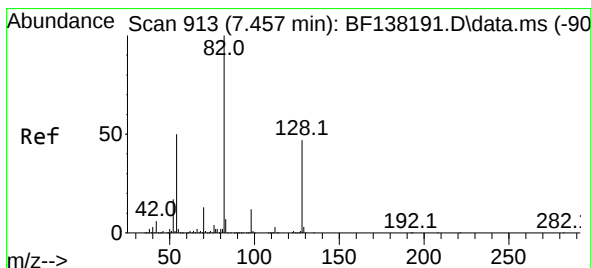
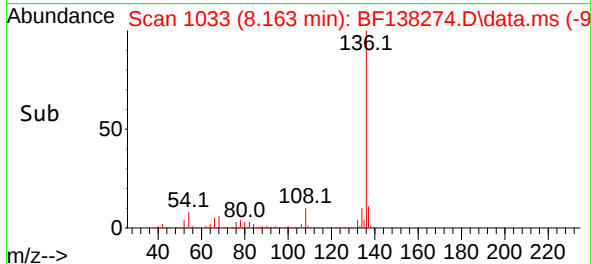
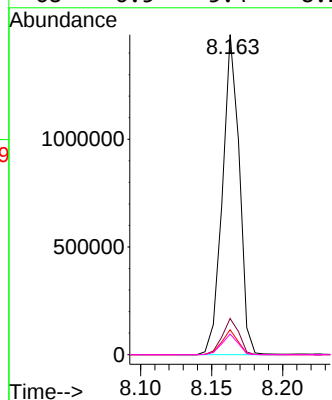
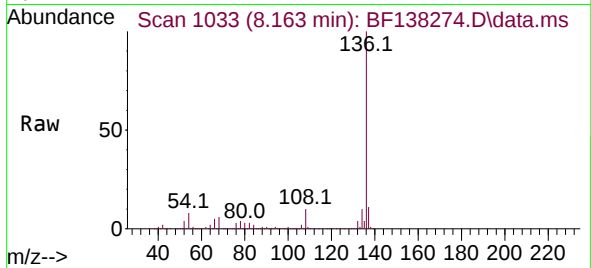




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

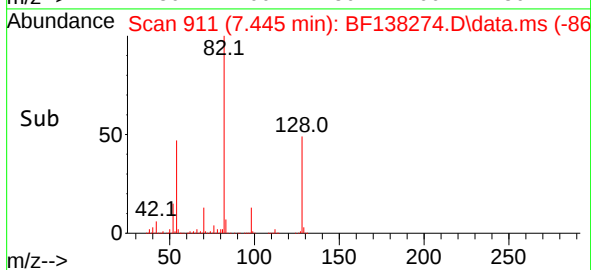
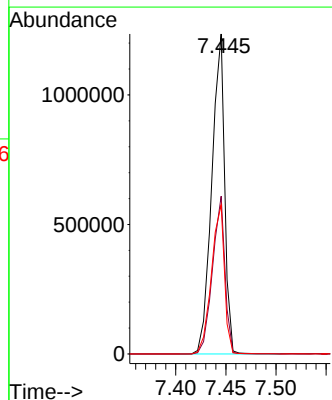
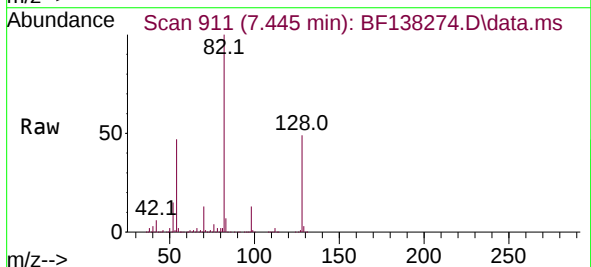
Instrument :
BNA_F
ClientSampleId :
OSTL-B5

Tgt Ion:136 Resp: 1222172
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.8 6.6 10.0
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 52.552 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

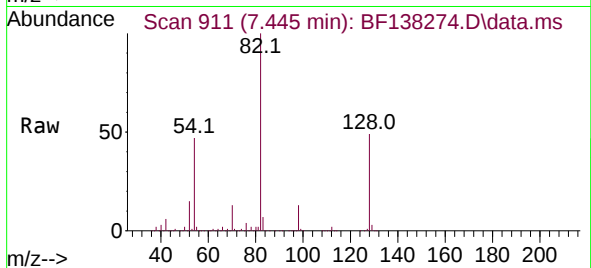
Tgt Ion: 82 Resp: 1103256
Ion Ratio Lower Upper
82 100
128 49.3 37.2 55.8
54 46.7 39.8 59.6



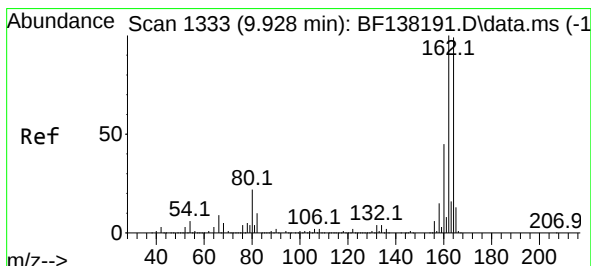
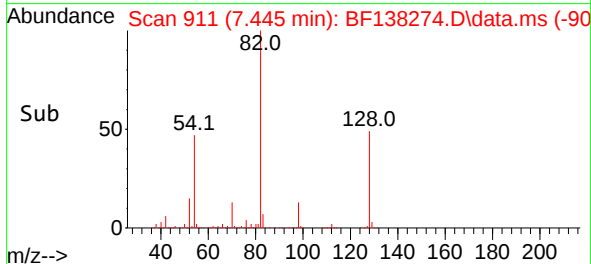
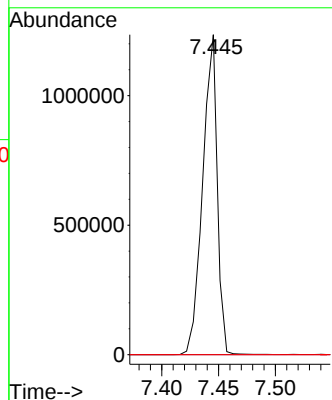


#25
Isophorone
Concen: 28.991 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

Instrument :
BNA_F
ClientSampleId :
OSTL-B5

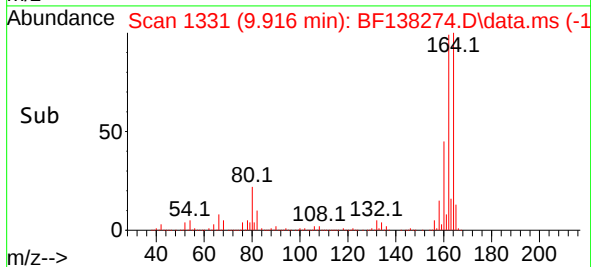
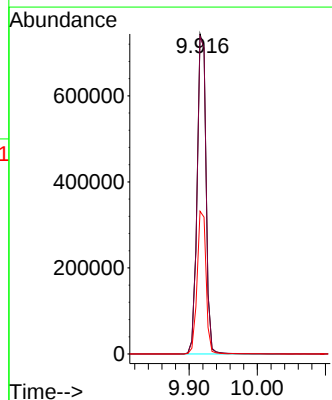
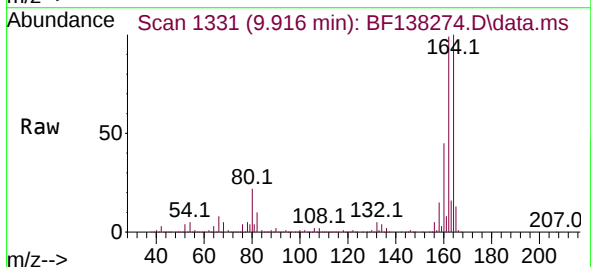


Tgt Ion: 82 Resp: 1100877
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

Tgt Ion: 164 Resp: 668667
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 44.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 75.956 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

Instrument :

BNA_F

ClientSampleId :

OSTL-B5

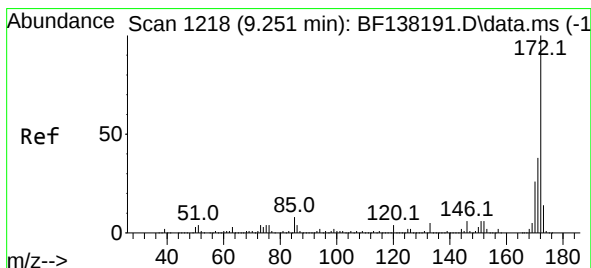
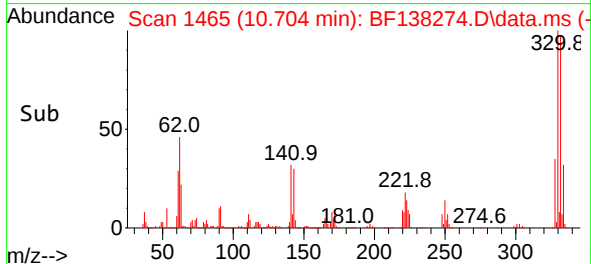
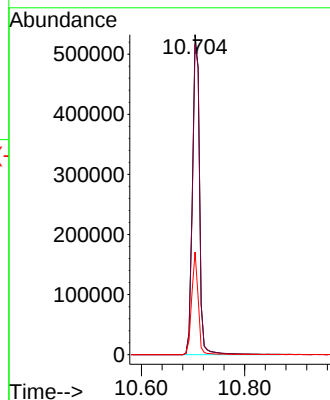
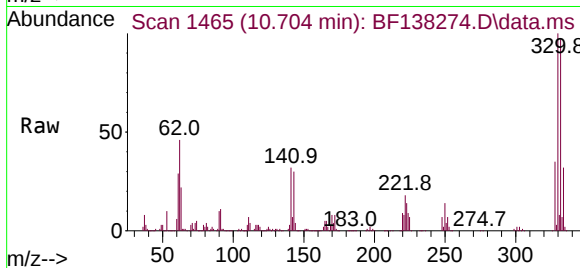
Tgt Ion:330 Resp: 505620

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

141 29.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 50.313 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

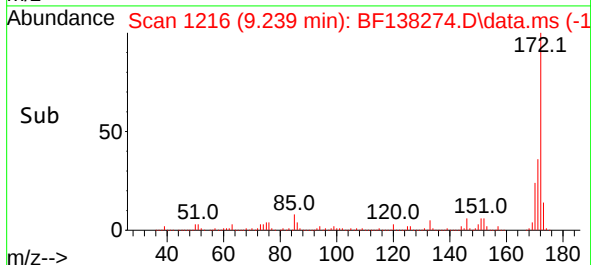
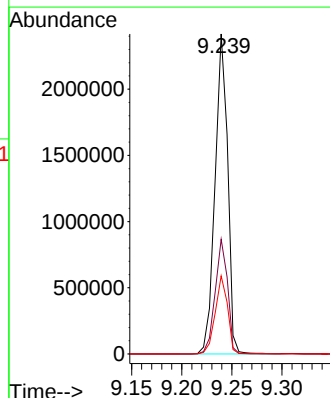
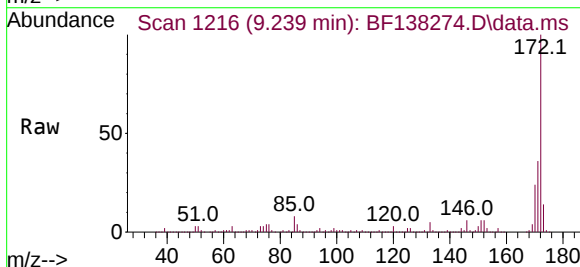
Tgt Ion:172 Resp: 2115700

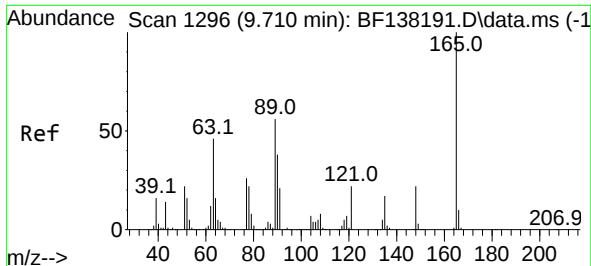
Ion Ratio Lower Upper

172 100

171 35.8 30.3 45.5

170 24.4 20.6 30.8

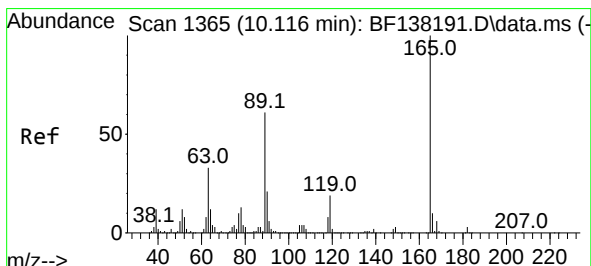
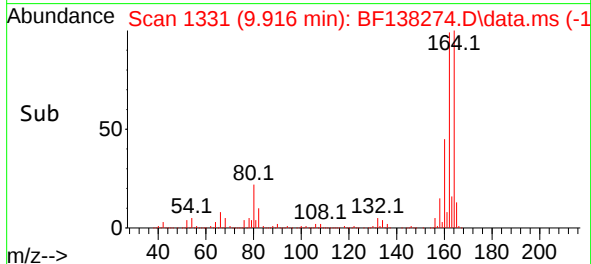
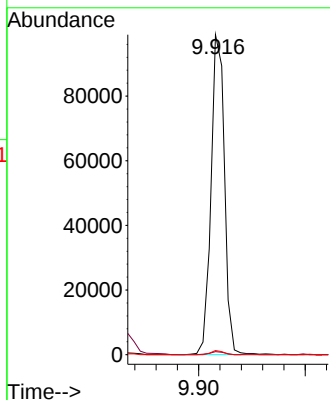
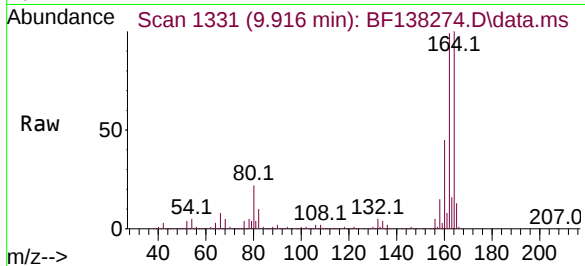




#51
2,6-Dinitrotoluene
Concen: 9.766 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

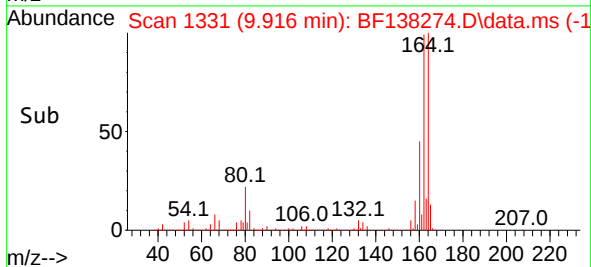
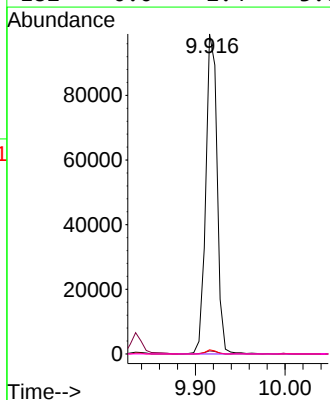
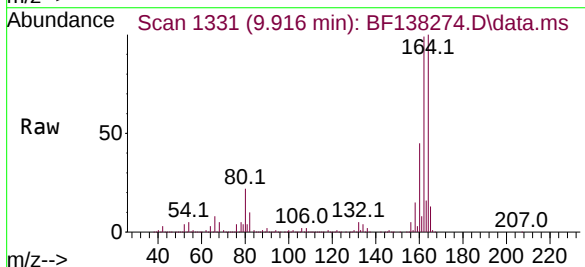
Instrument :
BNA_F
ClientSampleId :
OSTL-B5

Tgt Ion:165 Resp: 86799
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.3 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.924 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

Tgt Ion:165 Resp: 86864
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.3 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: BF138274.D

Acq: 20 Jun 2024 21:13

Instrument :

BNA_F

ClientSampleId :

OSTL-B5

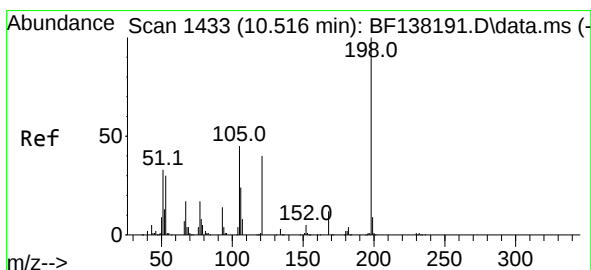
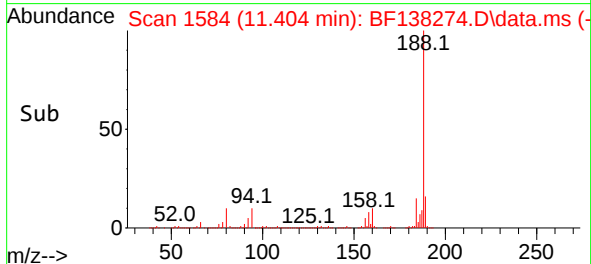
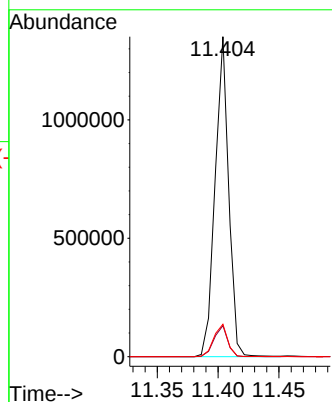
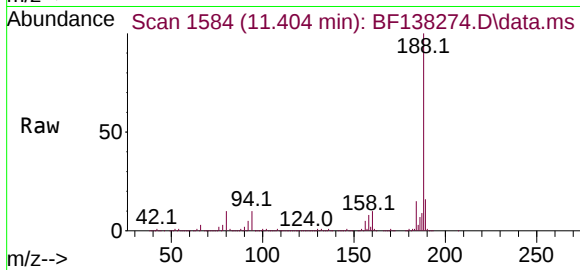
Tgt Ion:188 Resp: 1044401

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.2 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.129 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

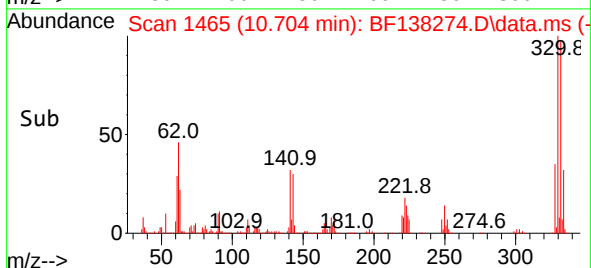
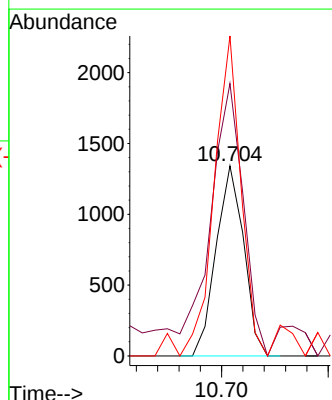
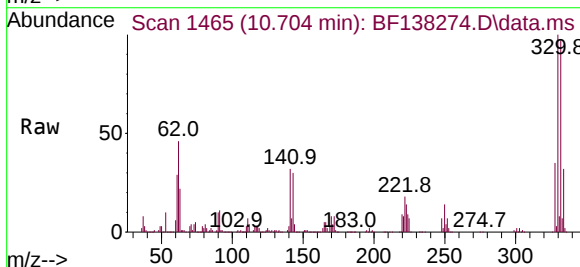
Tgt Ion:198 Resp: 1209

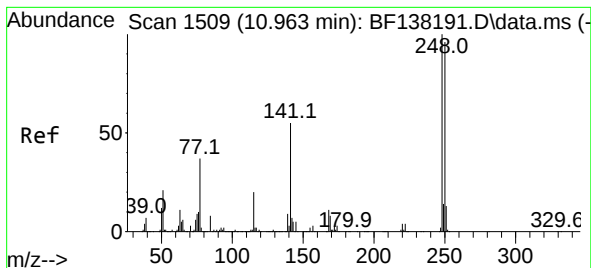
Ion Ratio Lower Upper

198 100

51 143.4 26.9 66.9#

105 168.3 26.0 66.0#

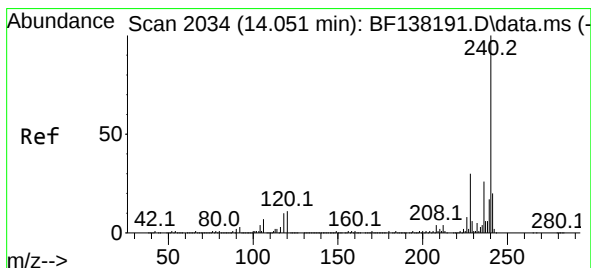
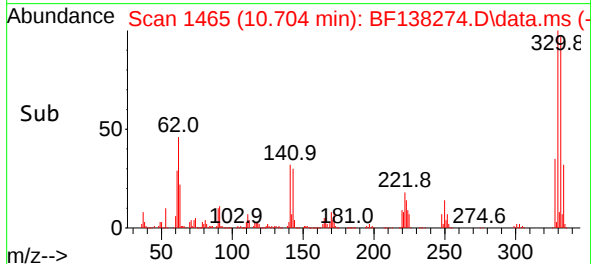
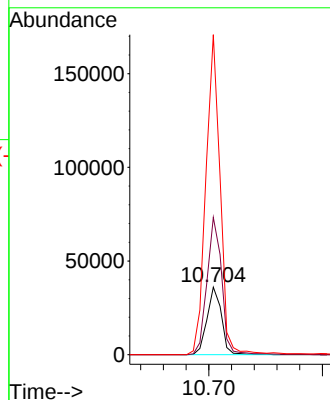
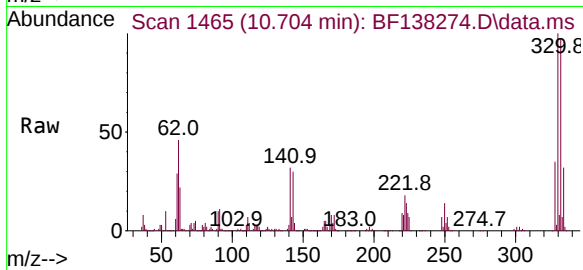




#67
4-Bromophenyl-phenylether
Concen: 2.690 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

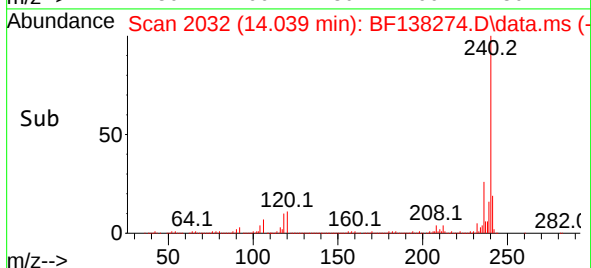
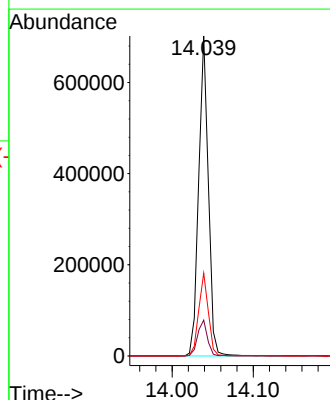
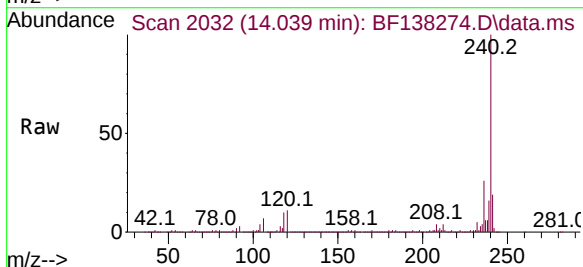
Instrument :
BNA_F
ClientSampleId :
OSTL-B5

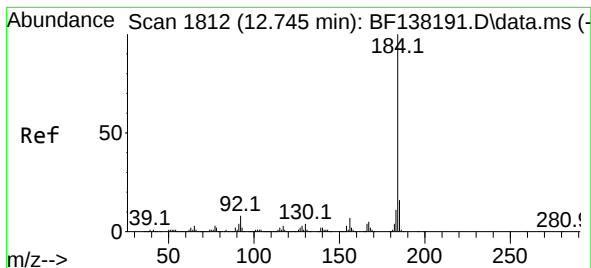
Tgt Ion:248 Resp: 31653
Ion Ratio Lower Upper
248 100
250 203.5 77.2 115.8#
141 474.4 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

Tgt Ion:240 Resp: 583684
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.9 21.0 31.6





#77

Benzidine

Concen: 3.364 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

Instrument :

BNA_F

ClientSampleId :

OSTL-B5

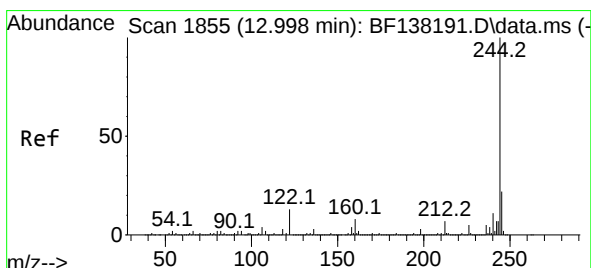
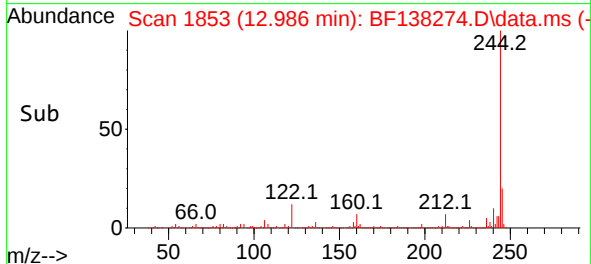
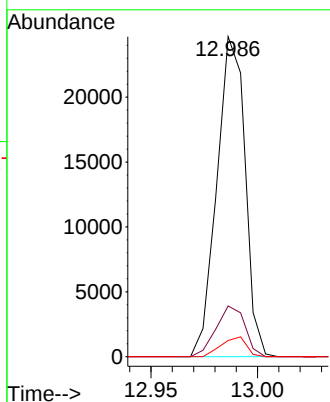
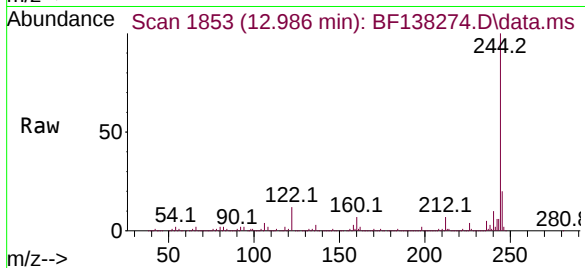
Tgt Ion:184 Resp: 22714

Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

183 5.1 9.0 13.6#



#79

Terphenyl-d14

Concen: 50.638 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

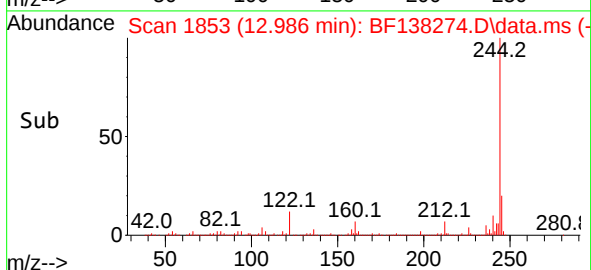
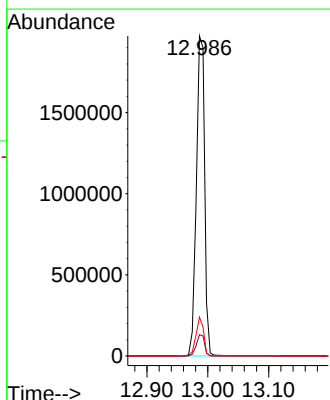
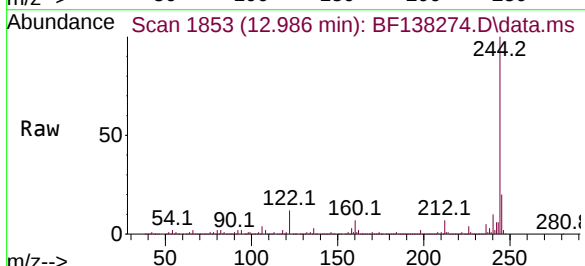
Tgt Ion:244 Resp: 1866157

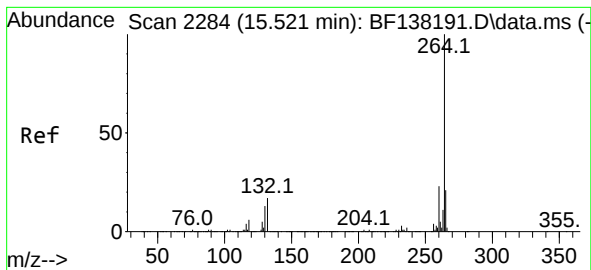
Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 12.1 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: BF138274.D

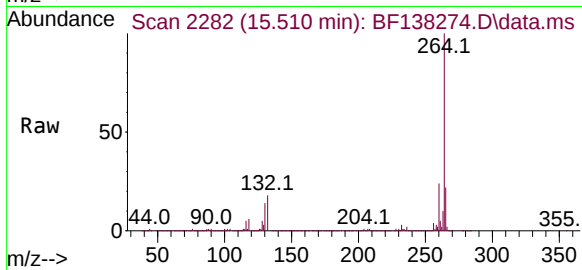
Acq: 20 Jun 2024 21:13

Instrument :

BNA_F

ClientSampleId :

OSTL-B5



Tgt Ion:264 Resp: 688280

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.7 17.0 25.6

