

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138284.D
 Acq On : 21 Jun 2024 14:26
 Operator : CG\JU
 Sample : P2977-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A3

Quant Time: Jun 21 14:54:06 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)

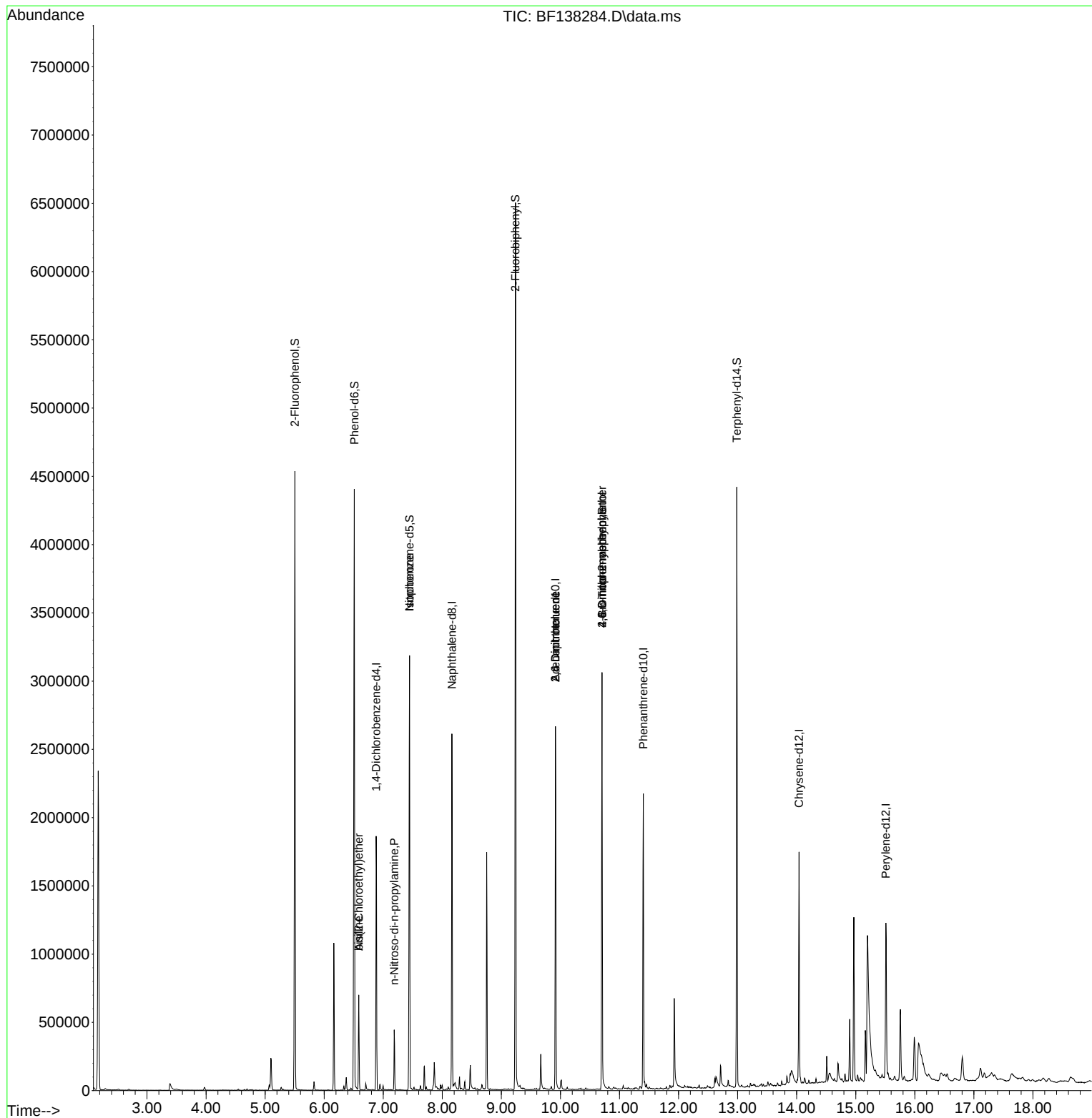
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	278531	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1064034	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	554179	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	757800	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	518327	20.000	ng	-0.01
86) Perylene-d12	15.509	264	533092	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1277490	76.725	ng	0.00
7) Phenol-d6	6.510	99	1582407	74.948	ng	-0.01
23) Nitrobenzene-d5	7.445	82	966186	52.863	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	368555	66.804	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1895854	54.399	ng	-0.01
79) Terphenyl-d14	12.986	244	1426696	43.595	ng	-0.01
Target Compounds						
					Qvalue	
6) Aniline	6.586	93	135429	6.556	ng	# 50
11) bis(2-Chloroethyl)ether	6.586	93	135429	7.897	ng	# 25
19) n-Nitroso-di-n-propyla...	7.186	70	36618	2.926	ng	# 76
25) Isophorone	7.445	82	965087	29.192	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	71929	9.765	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	71930	7.917	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	844	7.121	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	22829	2.673	ng	# 1

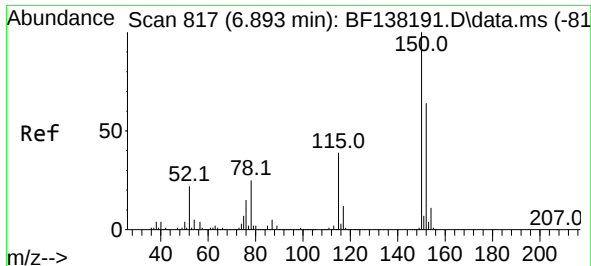
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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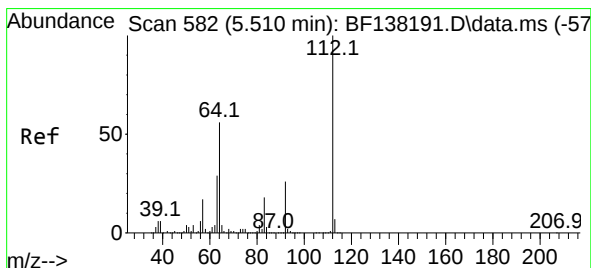
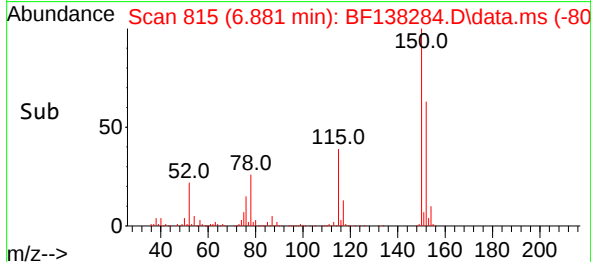
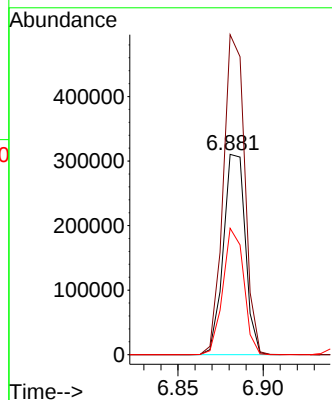
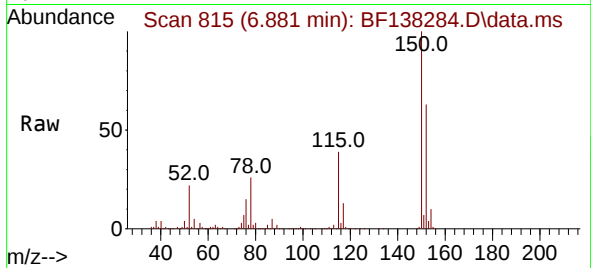




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

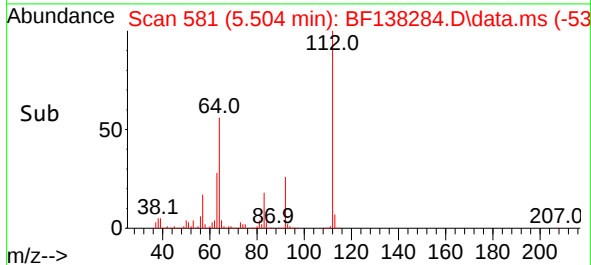
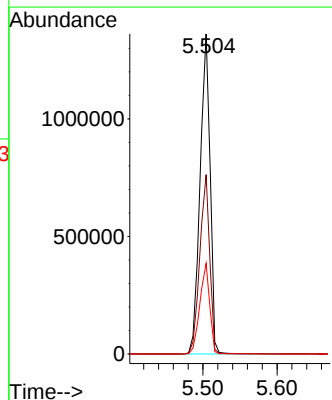
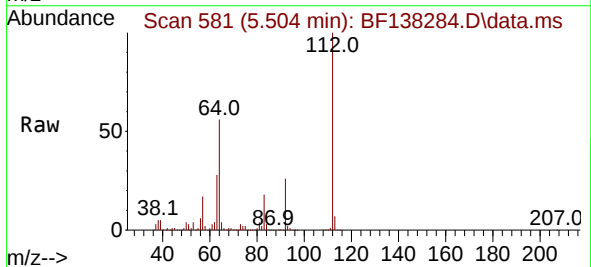
Instrument :
BNA_F
ClientSampleId :
OSTL-A3

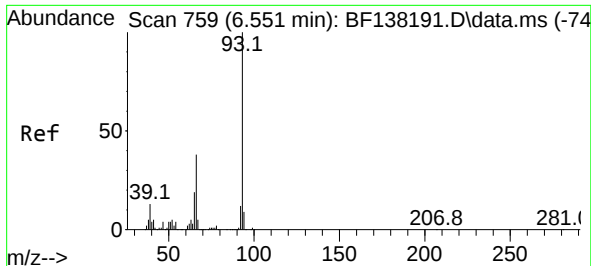
Tgt Ion:152 Resp: 278531
Ion Ratio Lower Upper
152 100
150 159.8 125.0 187.4
115 63.1 48.4 72.6



#5
2-Fluorophenol
Concen: 76.725 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

Tgt Ion:112 Resp: 1277490
Ion Ratio Lower Upper
112 100
64 56.1 45.2 67.8
63 28.3 22.9 34.3

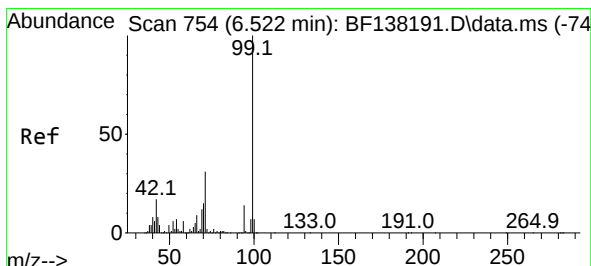
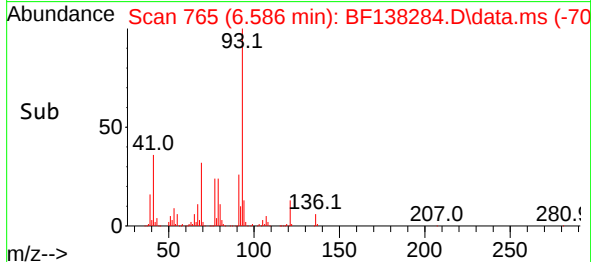
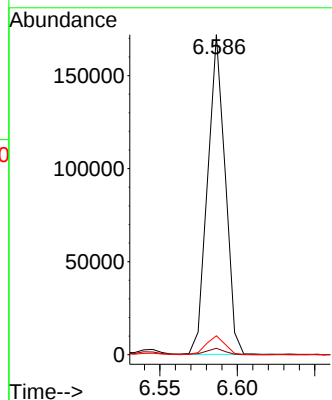
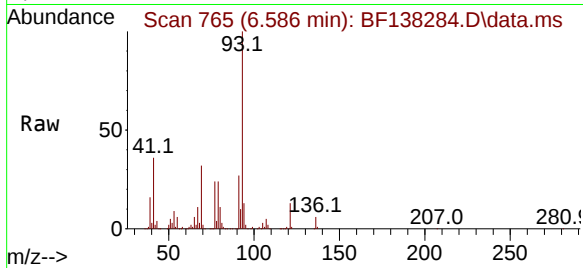




#6
Aniline
Concen: 6.556 ng
RT: 6.586 min Scan# 70
Delta R.T. 0.035 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

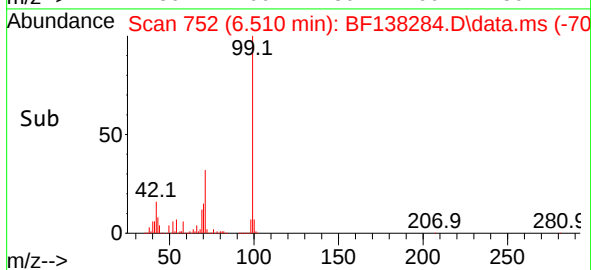
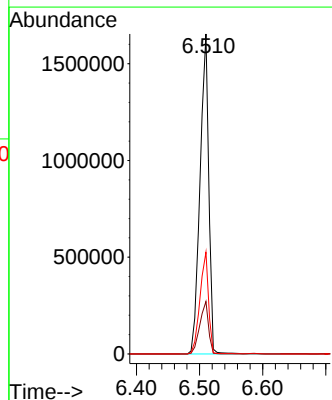
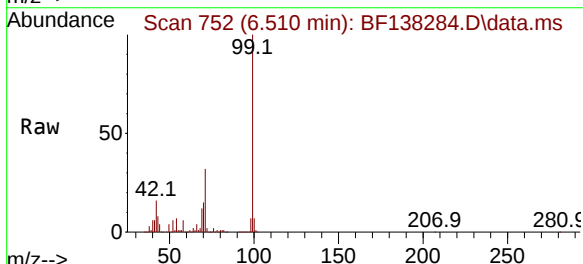
Instrument :
BNA_F
ClientSampleId :
OSTL-A3

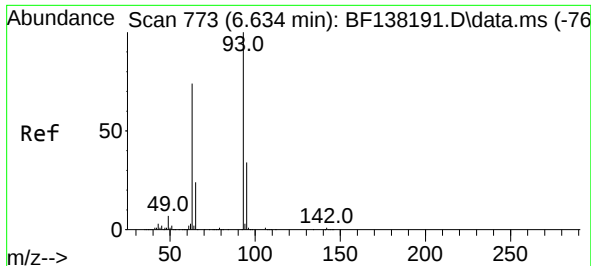
Tgt Ion: 93 Resp: 135429
Ion Ratio Lower Upper
93 100
66 2.0 30.8 46.2#
65 5.9 15.5 23.3#



#7
Phenol-d6
Concen: 74.948 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

Tgt Ion: 99 Resp: 1582407
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 31.8 25.0 37.6

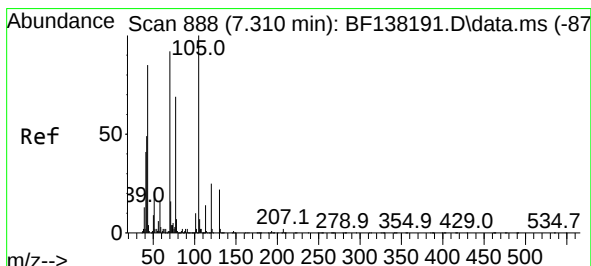
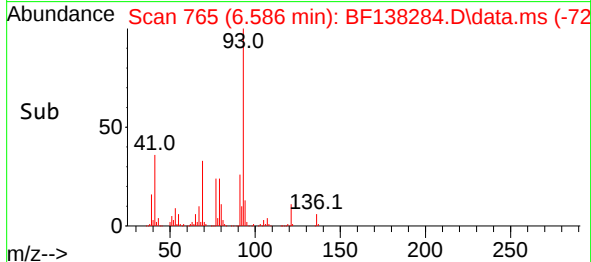
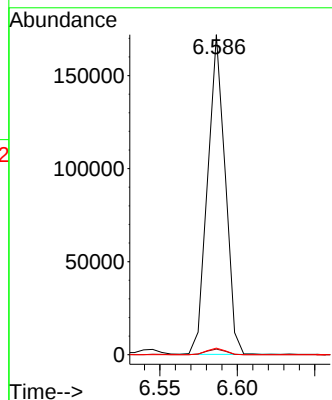
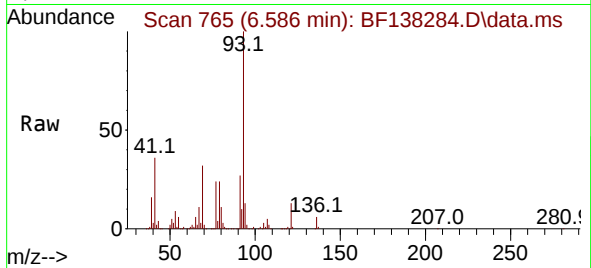




#11
bis(2-Chloroethyl)ether
Concen: 7.897 ng
RT: 6.586 min Scan# 71
Delta R.T. -0.047 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

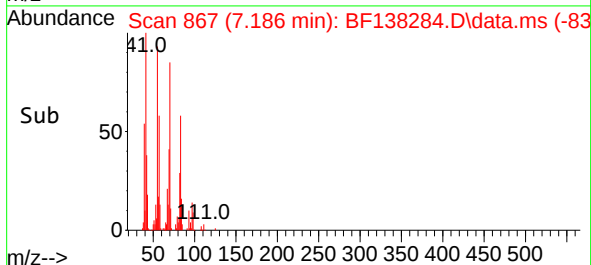
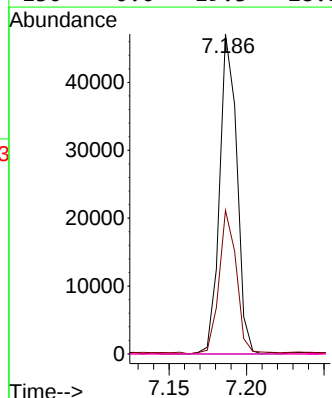
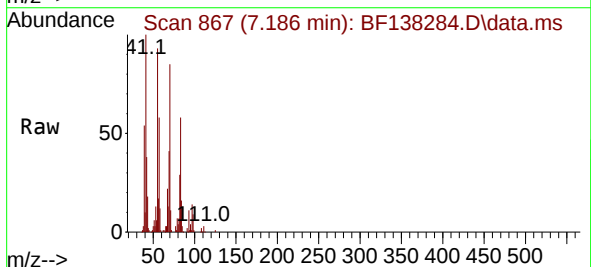
Instrument :
BNA_F
ClientSampleId :
OSTL-A3

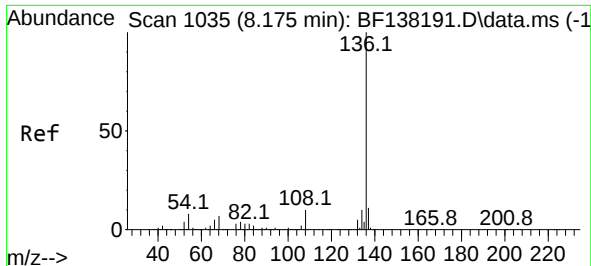
Tgt Ion: 93 Resp: 135429
Ion Ratio Lower Upper
93 100
63 1.7 52.5 92.5#
95 2.1 13.2 53.2#



#19
n-Nitroso-di-n-propylamine
Concen: 2.926 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.124 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

Tgt Ion: 70 Resp: 36618
Ion Ratio Lower Upper
70 100
42 44.9 42.8 64.2
101 0.0 8.4 12.6#
130 0.0 19.3 28.9#



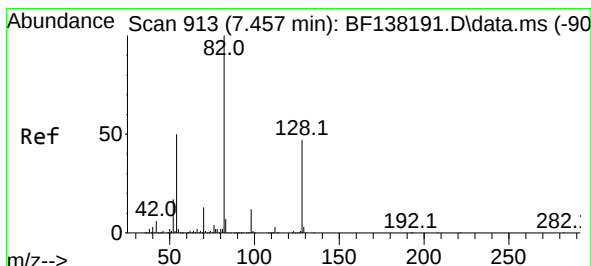
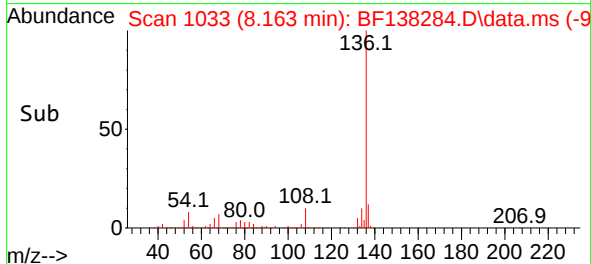
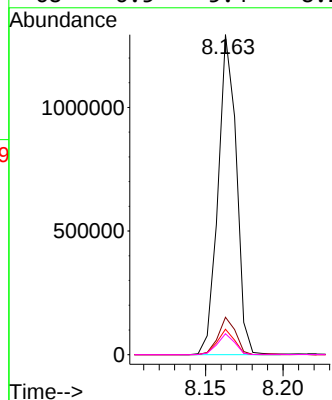
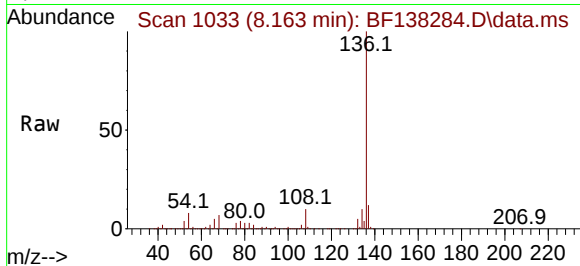


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

Instrument :
BNA_F
ClientSampleId :
OSTL-A3

Tgt Ion:136 Resp: 1064034

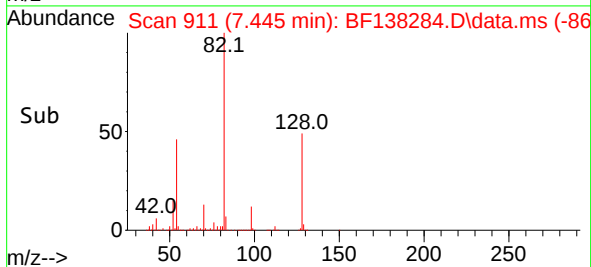
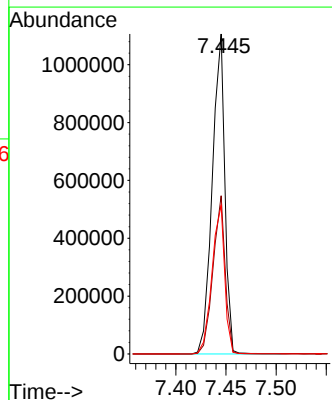
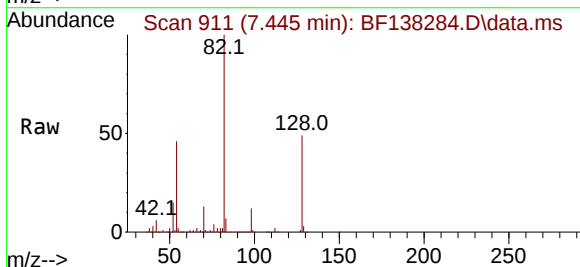
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.9	6.6	10.0
68	6.5	5.4	8.2

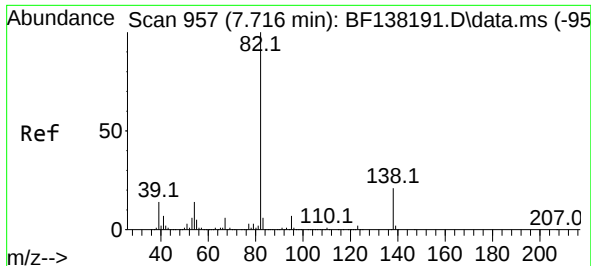


#23
Nitrobenzene-d5
Concen: 52.863 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

Tgt Ion: 82 Resp: 966186

Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.2	55.8
54	46.5	39.8	59.6

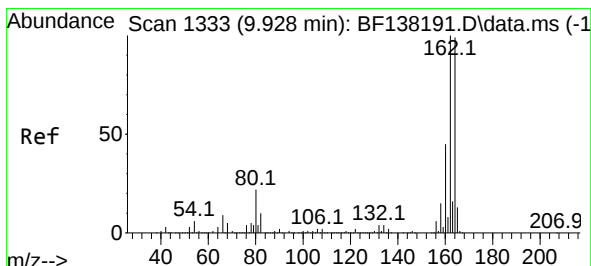
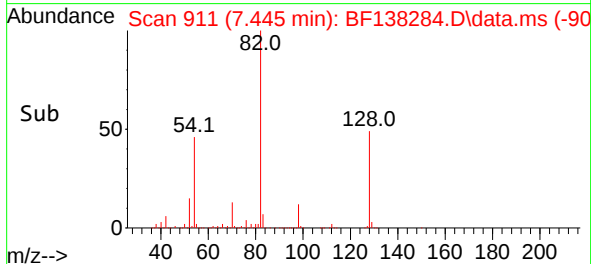
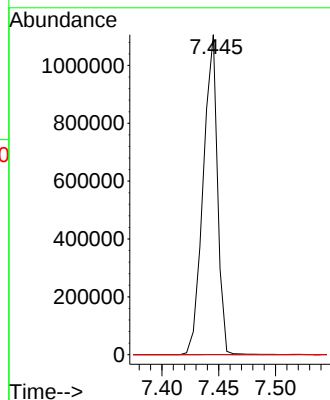
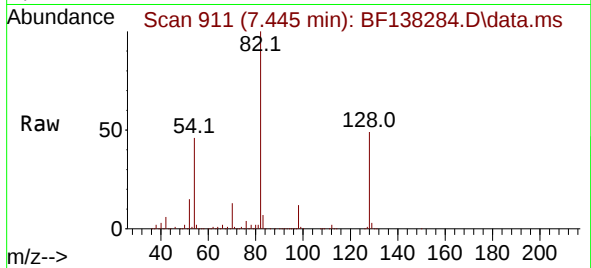




#25
Isophorone
Concen: 29.192 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

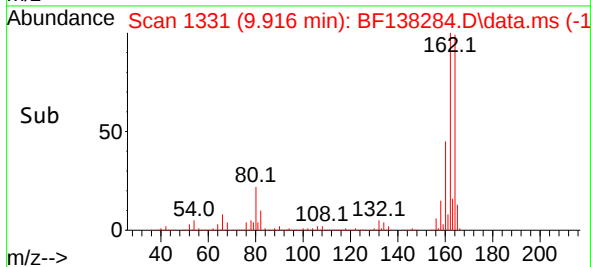
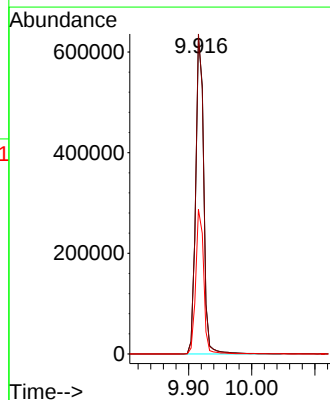
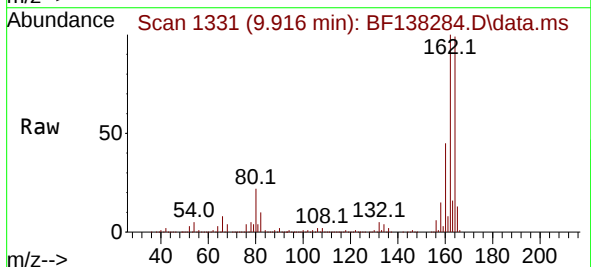
Instrument :
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ClientSampleId :
OSTL-A3

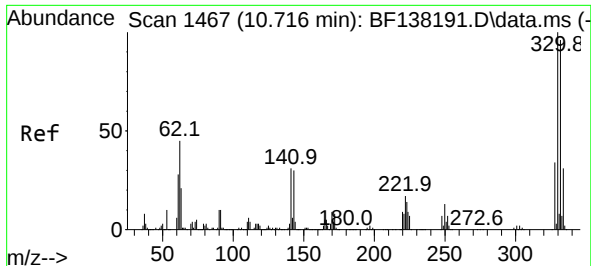
Tgt Ion: 82 Resp: 965087
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

Tgt Ion: 164 Resp: 554179
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 45.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 66.804 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138284.D

Acq: 21 Jun 2024 14:26

Instrument :

BNA_F

ClientSampleId :

OSTL-A3

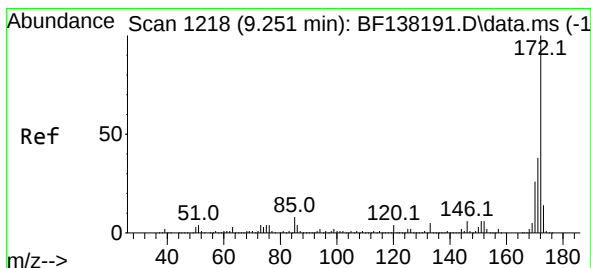
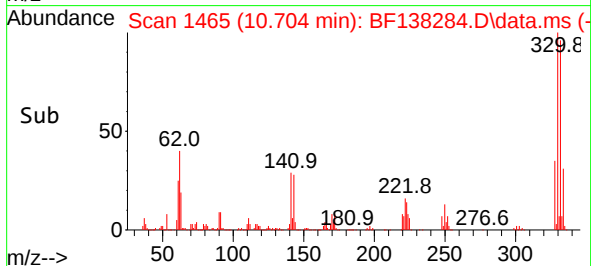
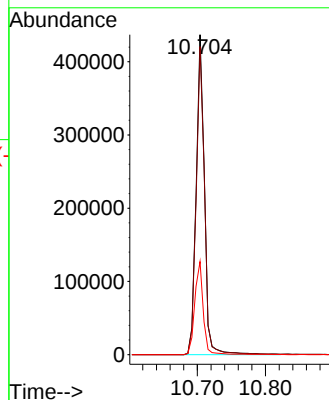
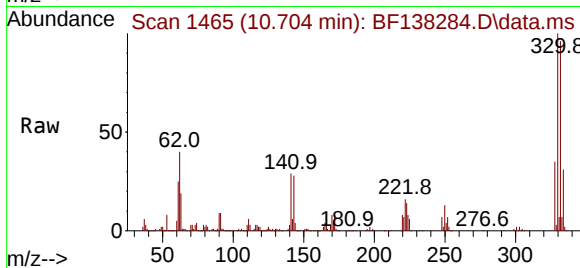
Tgt Ion:330 Resp: 368555

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

141 29.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 54.399 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138284.D

Acq: 21 Jun 2024 14:26

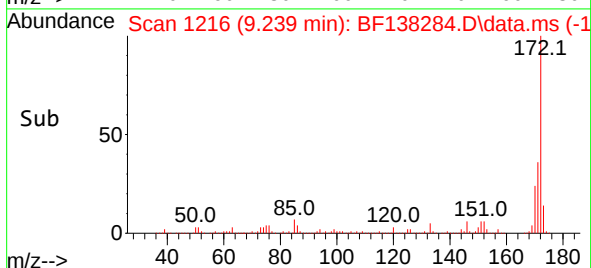
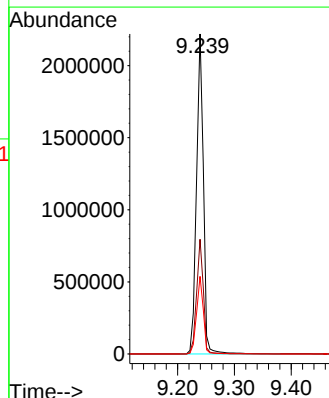
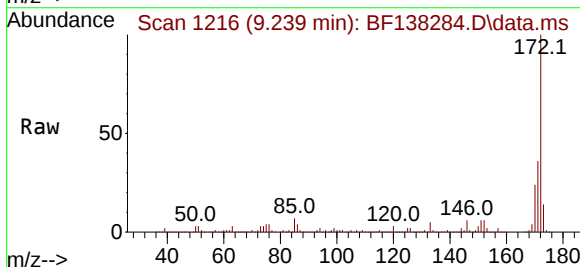
Tgt Ion:172 Resp: 1895854

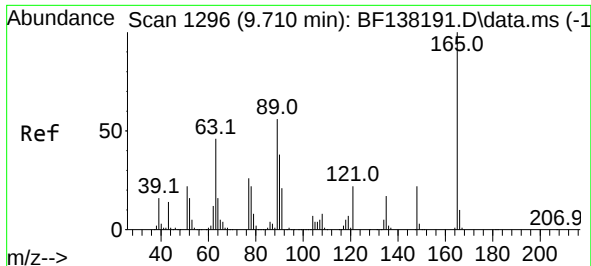
Ion Ratio Lower Upper

172 100

171 35.8 30.3 45.5

170 24.2 20.6 30.8

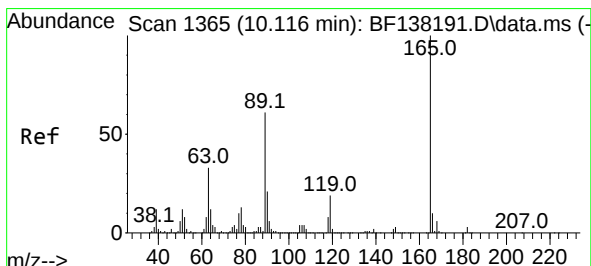
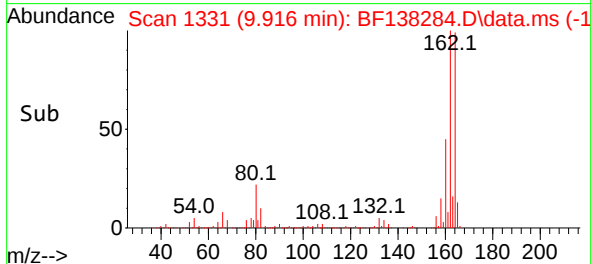
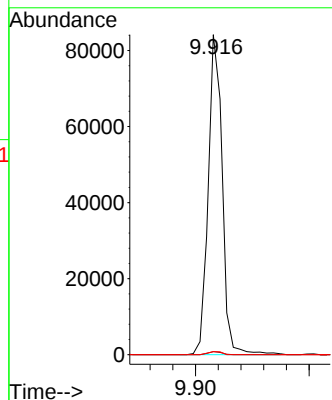
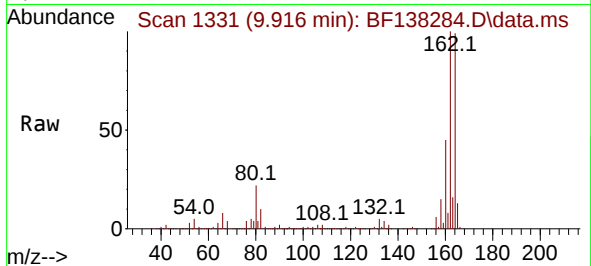




#51
2,6-Dinitrotoluene
Concen: 9.765 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

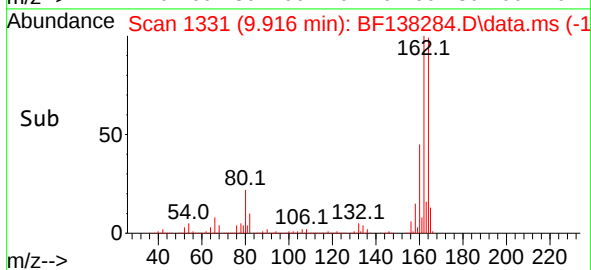
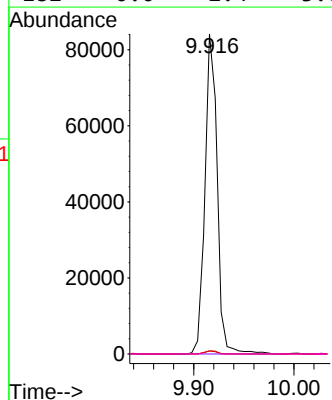
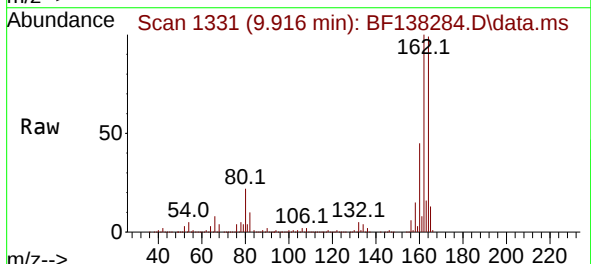
Instrument :
BNA_F
ClientSampleId :
OSTL-A3

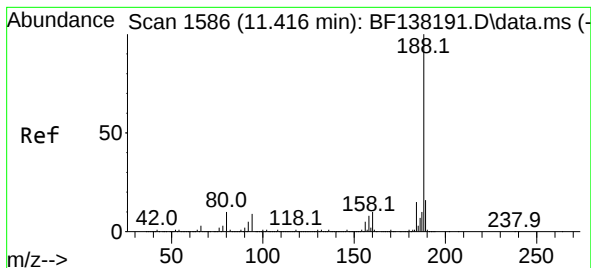
Tgt Ion:165 Resp: 71929
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.917 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

Tgt Ion:165 Resp: 71930
Ion Ratio Lower Upper
165 100
63 0.9 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: BF138284.D

Acq: 21 Jun 2024 14:26

Instrument :

BNA_F

ClientSampleId :

OSTL-A3

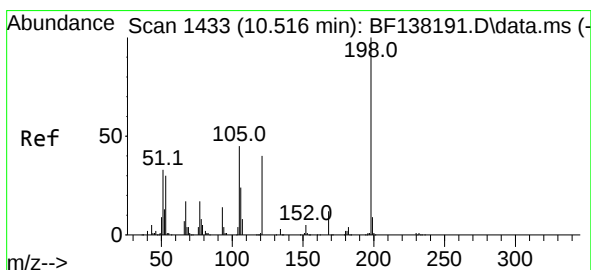
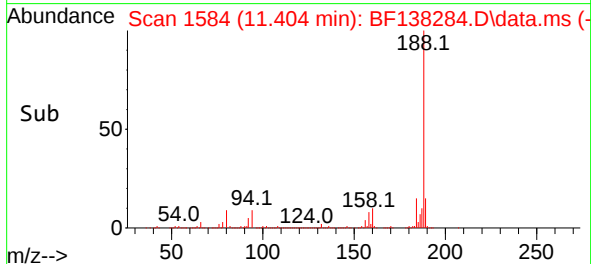
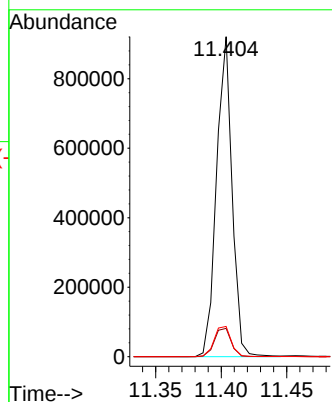
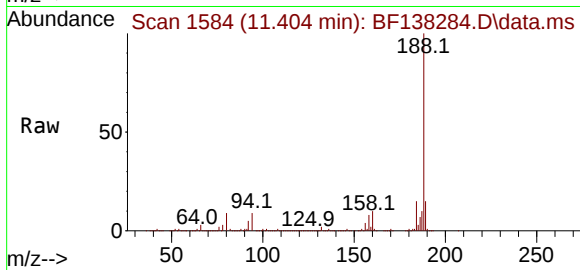
Tgt Ion:188 Resp: 757800

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.5 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.121 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138284.D

Acq: 21 Jun 2024 14:26

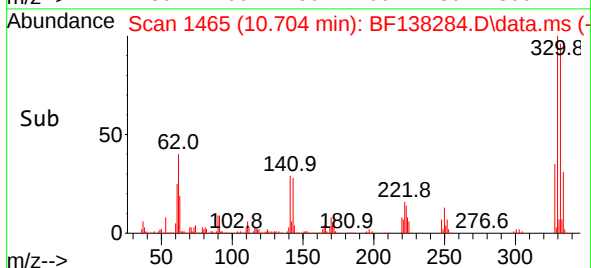
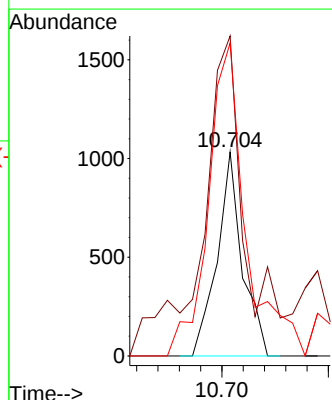
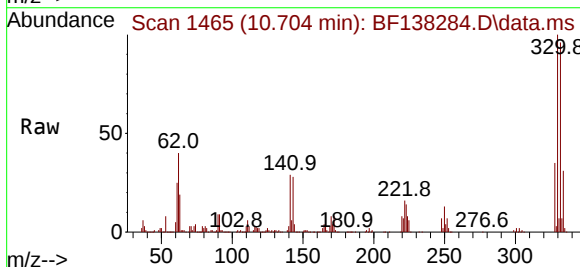
Tgt Ion:198 Resp: 844

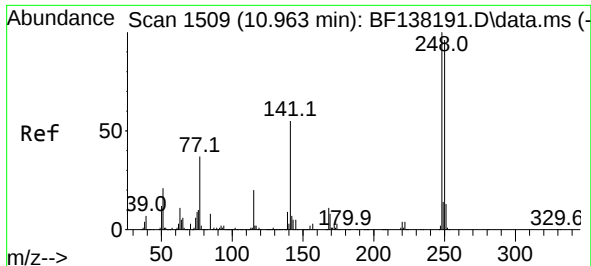
Ion Ratio Lower Upper

198 100

51 156.9 26.9 66.9#

105 153.4 26.0 66.0#

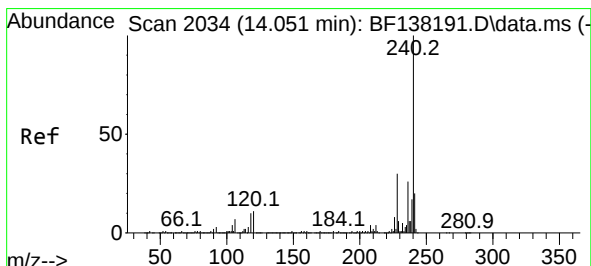
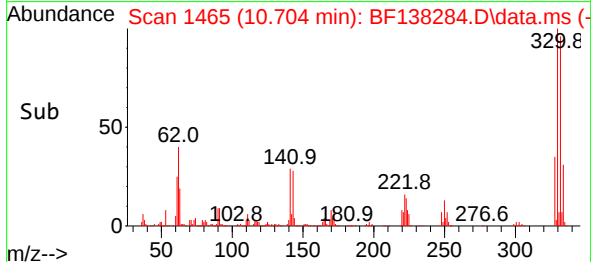
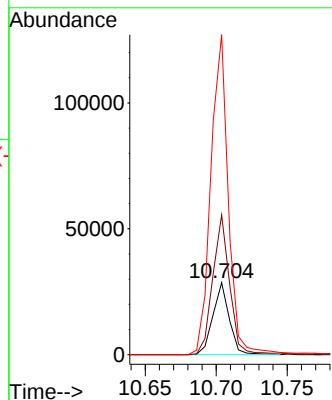
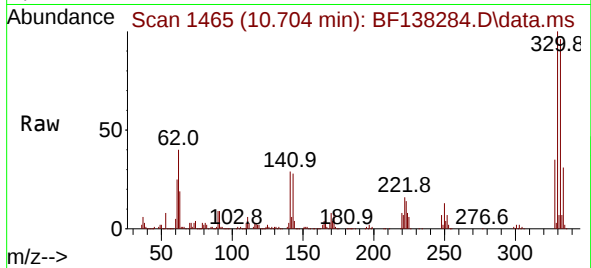




#67
4-Bromophenyl-phenylether
Concen: 2.673 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

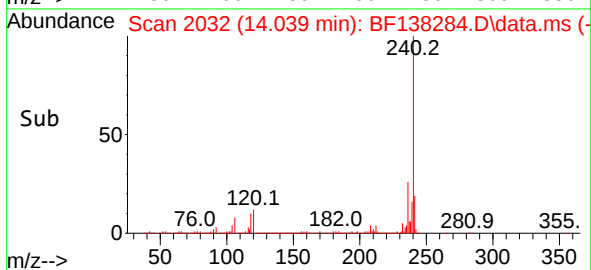
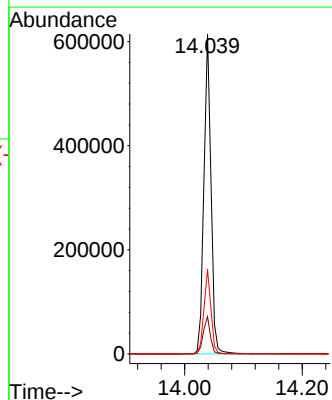
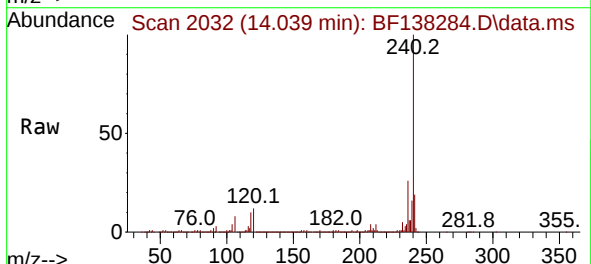
Instrument :
BNA_F
ClientSampleId :
OSTL-A3

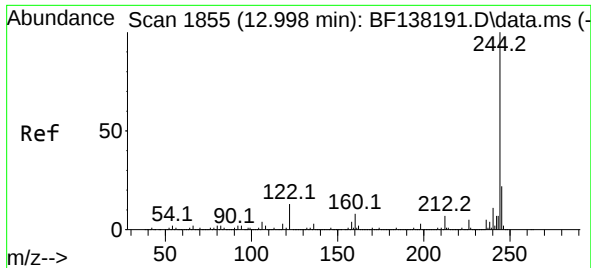
Tgt Ion:248 Resp: 22829
Ion Ratio Lower Upper
248 100
250 194.0 77.2 115.8#
141 443.9 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138284.D
Acq: 21 Jun 2024 14:26

Tgt Ion:240 Resp: 518327
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.4 21.0 31.6

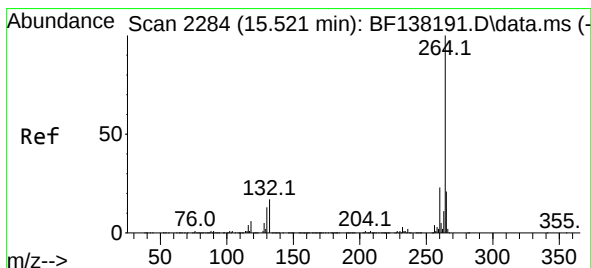
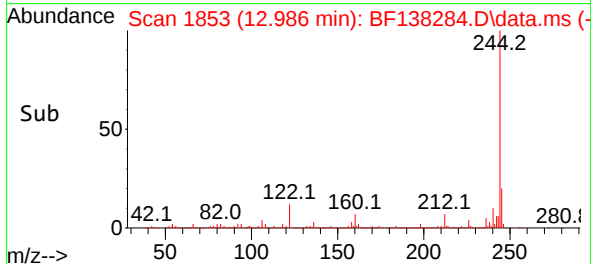
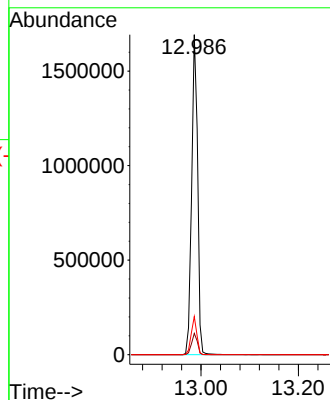
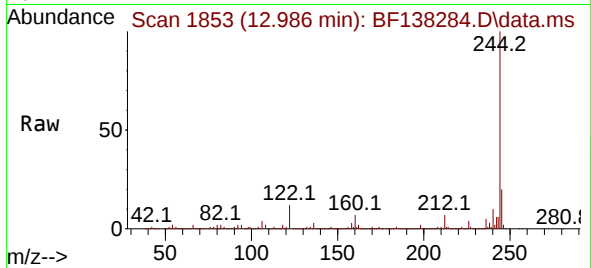




#79
 Terphenyl-d14
 Concen: 43.595 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138284.D
 Acq: 21 Jun 2024 14:26

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A3

Tgt Ion:244 Resp: 1426696
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 11.9 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138284.D
 Acq: 21 Jun 2024 14:26

Tgt Ion:264 Resp: 533092
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.7 17.0 25.6

