

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138296.D
 Acq On : 21 Jun 2024 20:37
 Operator : CG\JU
 Sample : P2977-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C1

Quant Time: Jun 21 23:02:42 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)

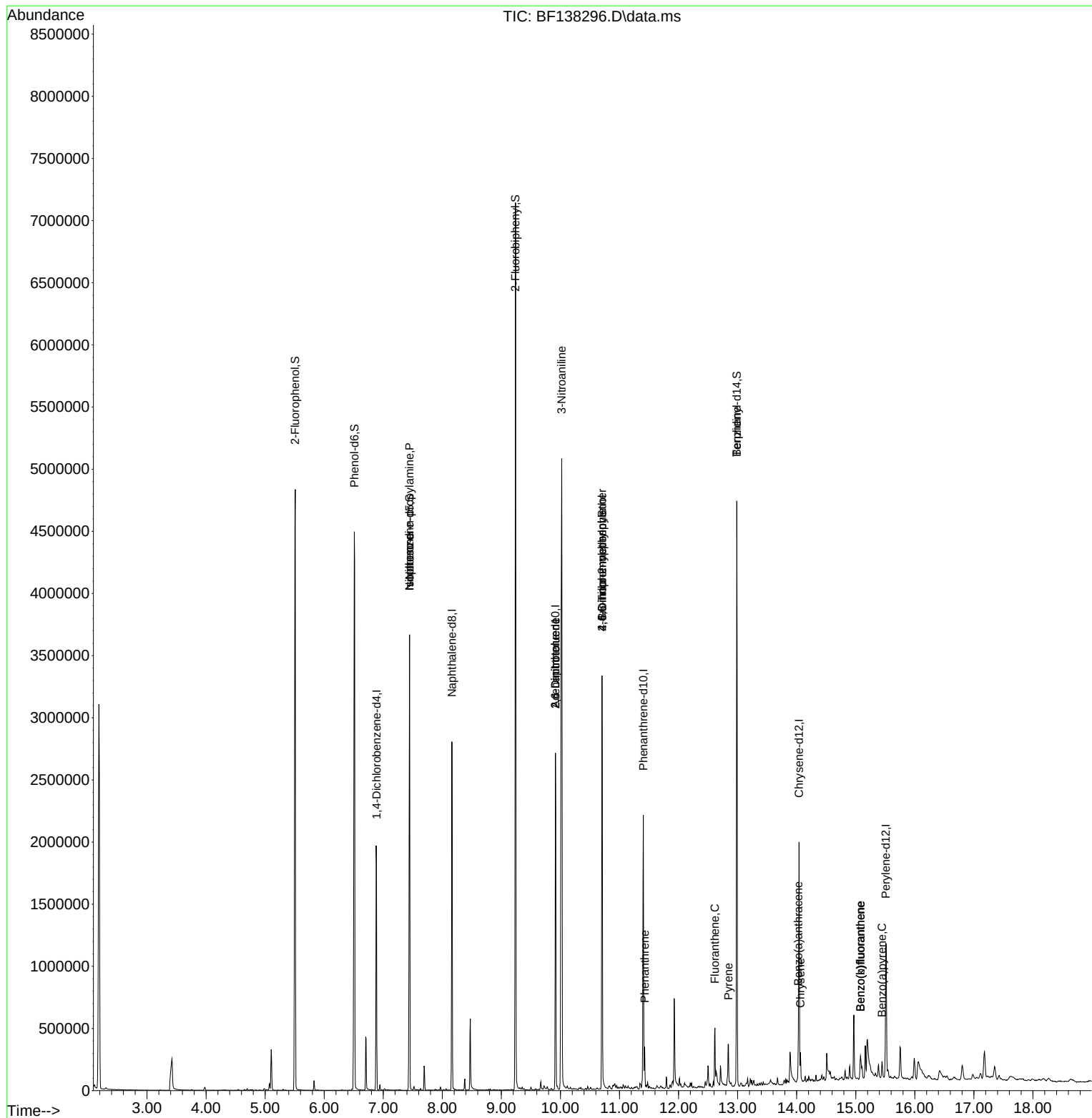
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	298121	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1126936	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	564586	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	762095	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	566383	20.000	ng	-0.01
86) Perylene-d12	15.509	264	531886	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1521254	85.361	ng	0.00
7) Phenol-d6	6.510	99	1873496	82.905	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1110363	57.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	409172	72.799	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2061142	58.052	ng	-0.01
79) Terphenyl-d14	12.986	244	1571323	43.940	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	147128	10.984	ng	# 77
25) Isophorone	7.445	82	1108542	31.660	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	73461	9.789	ng	# 25
53) 3-Nitroaniline	10.022	138	52457	6.543	ng	# 3
57) 2,4-Dinitrotoluene	9.916	165	73463	7.937	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	943	7.142	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	25549	2.975	ng	# 1
71) Phenanthrene	11.427	178	100614	2.670	ng	98
75) Fluoranthene	12.616	202	173433	4.513	ng	96
77) Benzidine	12.986	184	18901	2.885	ng	# 95
78) Pyrene	12.845	202	147891	3.027	ng	96
81) Benzo(a)anthracene	14.027	228	82860	2.280	ng	96
83) Chrysene	14.063	228	82767	2.390	ng	97
88) Benzo(b)fluoranthene	15.080	252	142102	4.530	ng	98
89) Benzo(k)fluoranthene	15.080	252	142102	4.623	ng	98
90) Benzo(a)pyrene	15.445	252	62789	2.330	ng	# 95

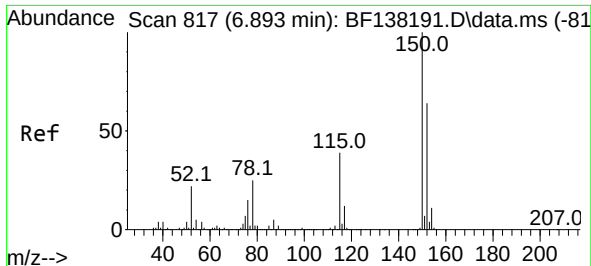
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138296.D
Acq On : 21 Jun 2024 20:37
Operator : CG\JU
Sample : P2977-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-C1

Quant Time: Jun 21 23:02:42 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

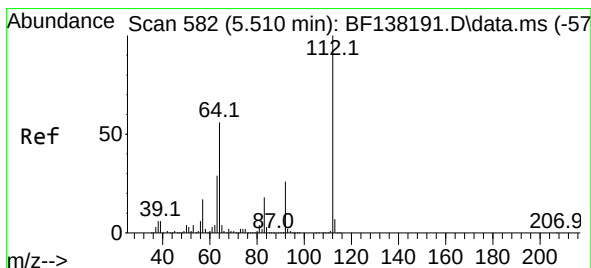
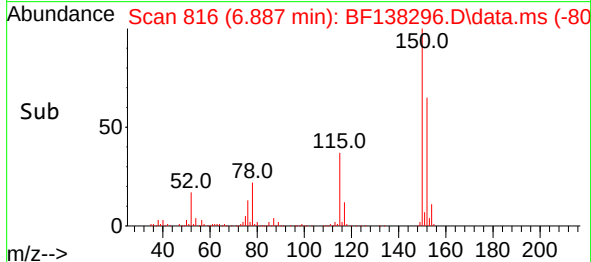
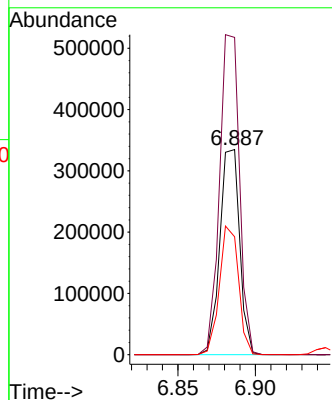
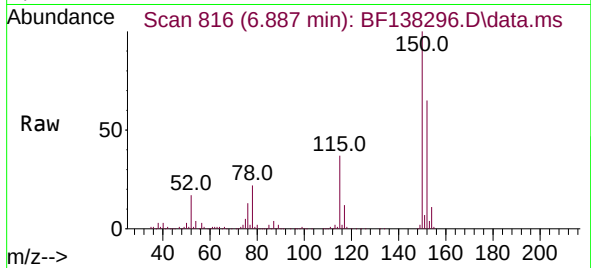




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

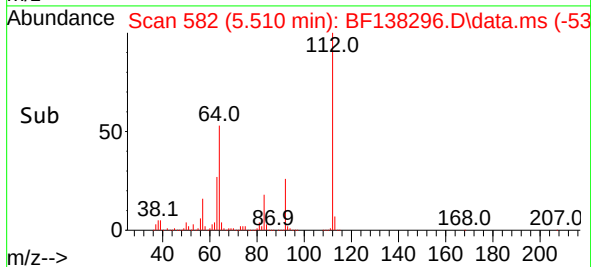
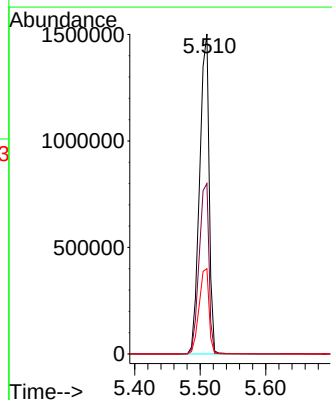
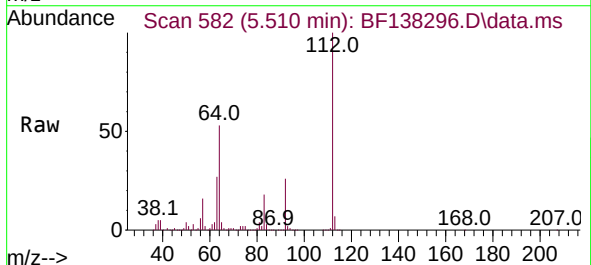
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

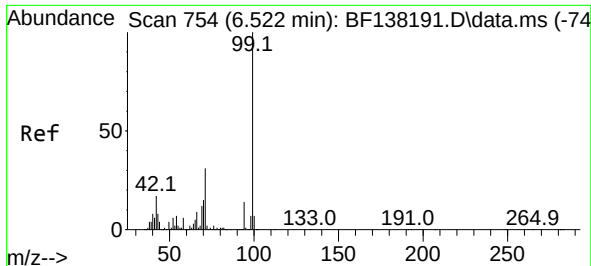
Tgt Ion:152 Resp: 298121
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.4
115 57.5 48.4 72.6



#5
2-Fluorophenol
Concen: 85.361 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:112 Resp: 1521254
Ion Ratio Lower Upper
112 100
64 53.3 45.2 67.8
63 26.7 22.9 34.3





#7

Phenol-d6

Concen: 82.905 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF138296.D

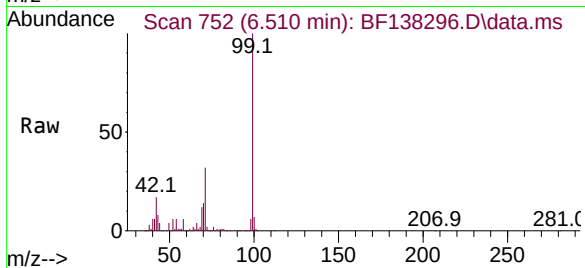
Acq: 21 Jun 2024 20:37

Instrument :

BNA_F

ClientSampleId :

OSTL-C1



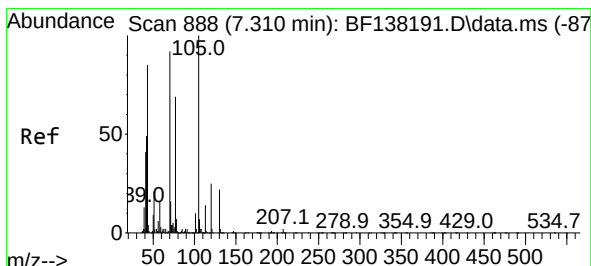
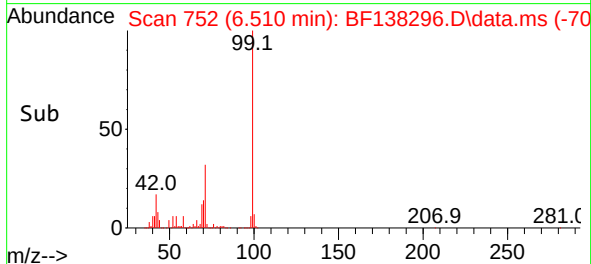
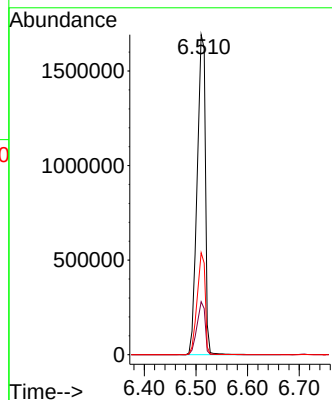
Tgt Ion: 99 Resp: 1873496

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

71 31.8 25.0 37.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.984 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.135 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

Tgt Ion: 70 Resp: 147128

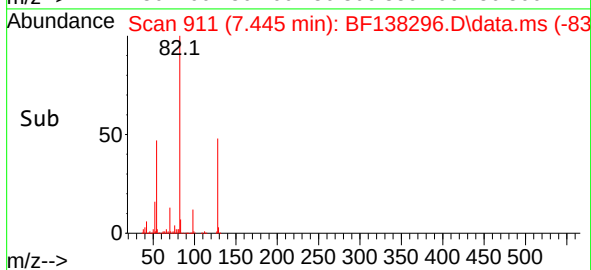
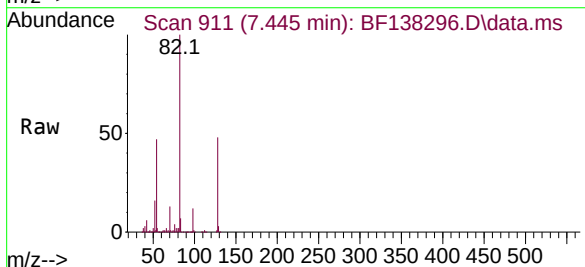
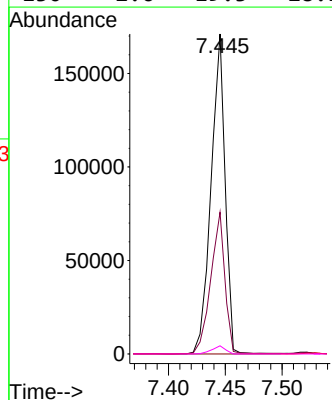
Ion Ratio Lower Upper

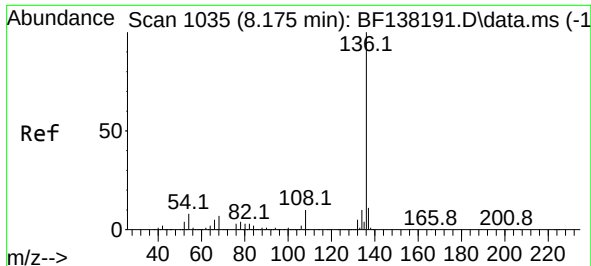
70 100

42 44.3 42.8 64.2

101 0.0 8.4 12.6#

130 2.6 19.3 28.9#

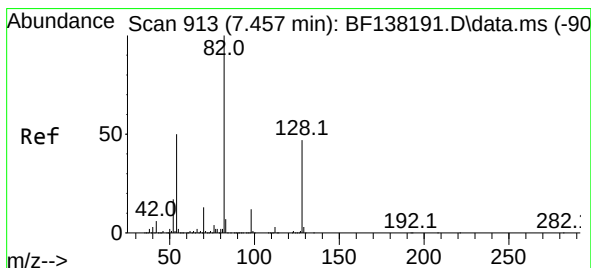
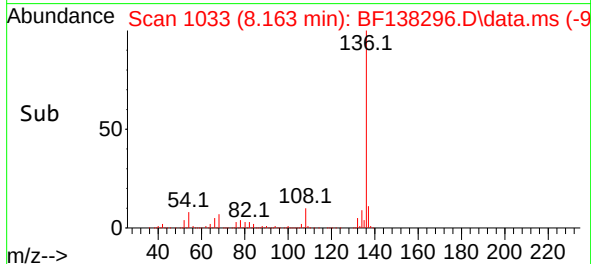
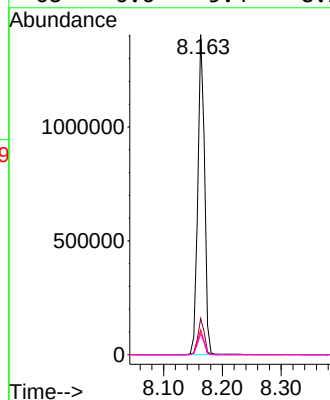
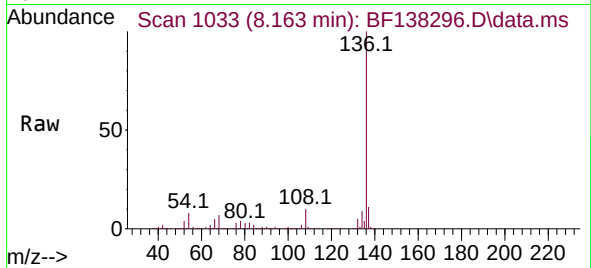




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

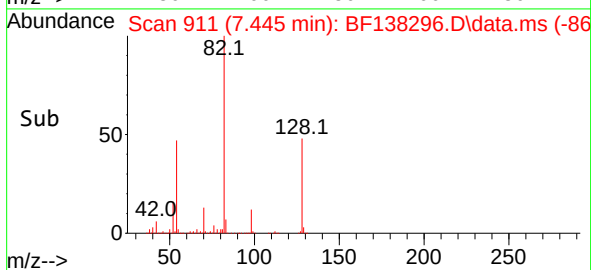
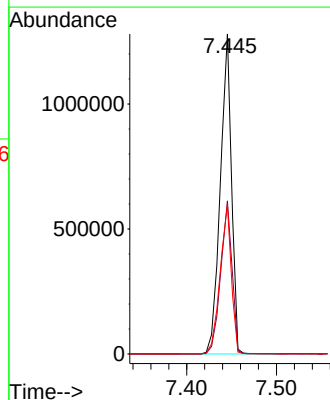
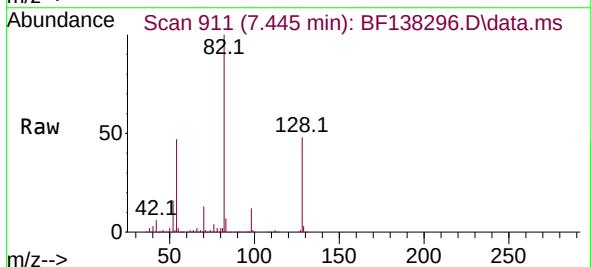
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

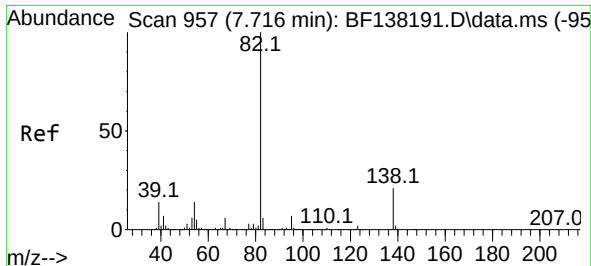
Tgt Ion:136 Resp: 1126936
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 6.6 10.0
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 57.360 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion: 82 Resp: 1110363
Ion Ratio Lower Upper
82 100
128 47.9 37.2 55.8
54 46.7 39.8 59.6

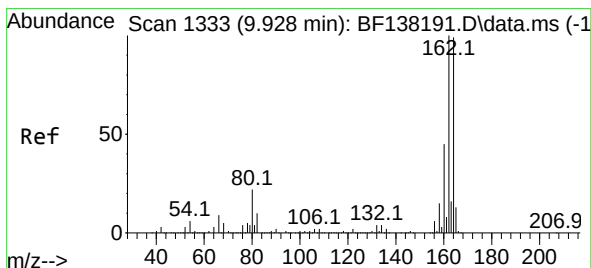
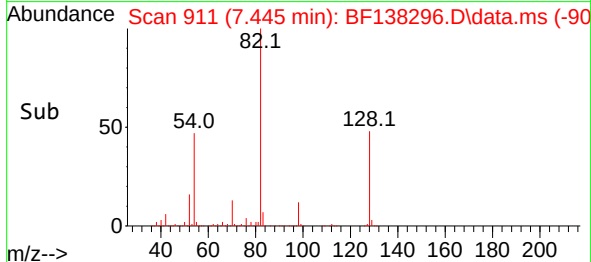
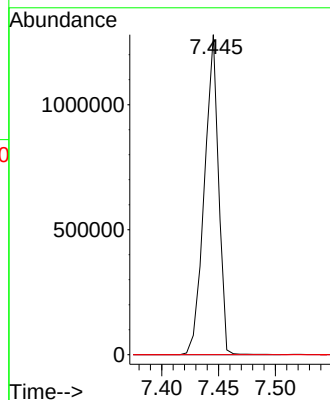
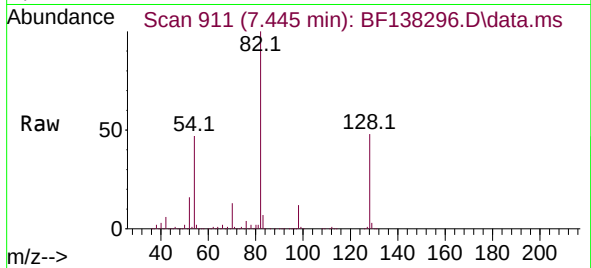




#25
Isophorone
Concen: 31.660 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

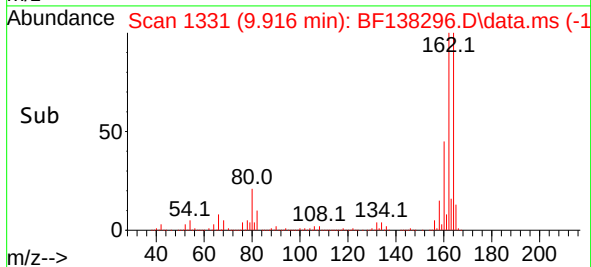
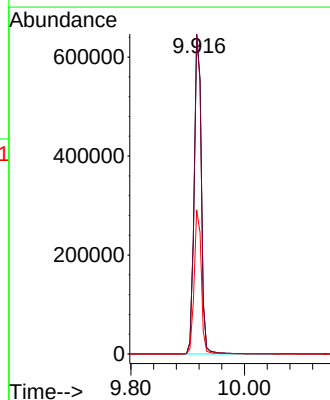
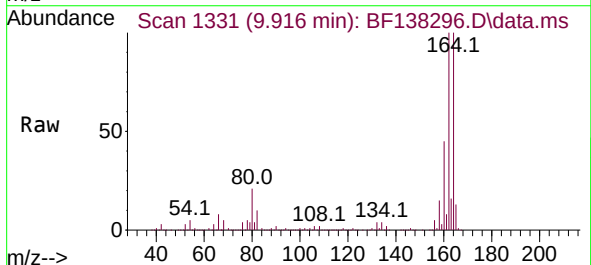
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

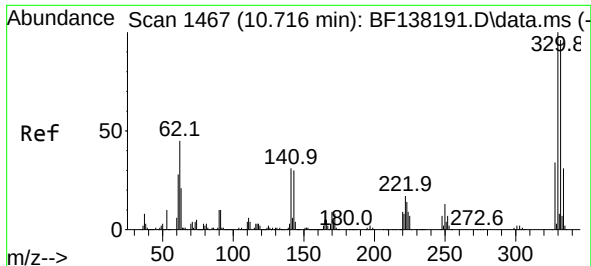
Tgt Ion: 82 Resp: 1108542
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:164 Resp: 564586
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 45.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 72.799 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

Instrument :

BNA_F

ClientSampleId :

OSTL-C1

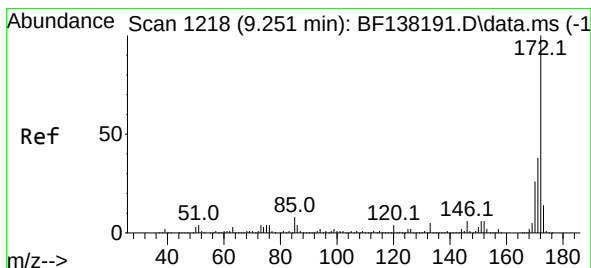
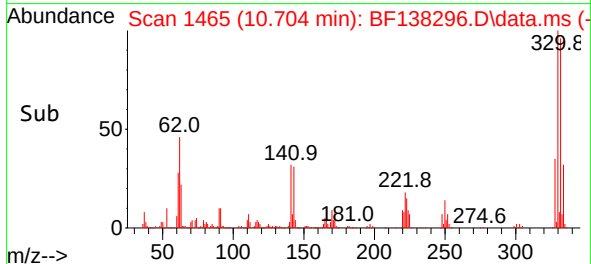
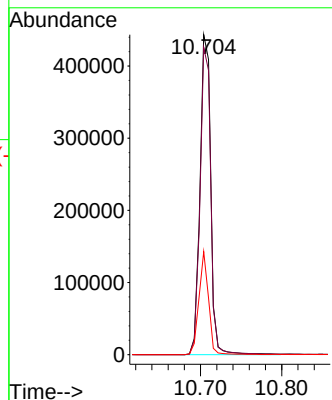
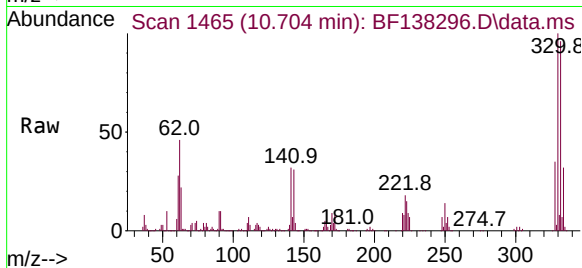
Tgt Ion:330 Resp: 409172

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 29.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 58.052 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

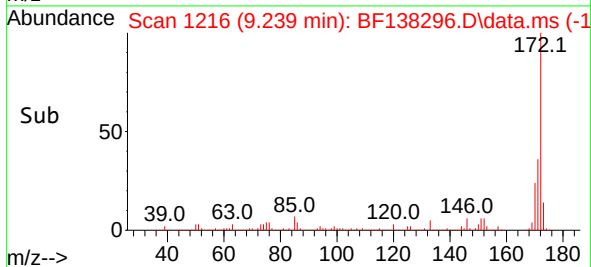
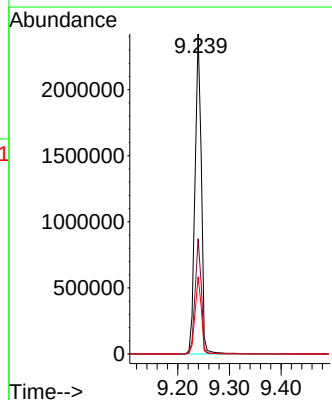
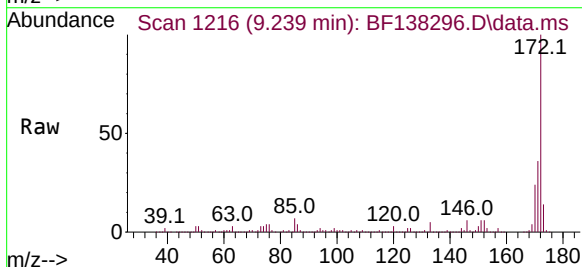
Tgt Ion:172 Resp: 2061142

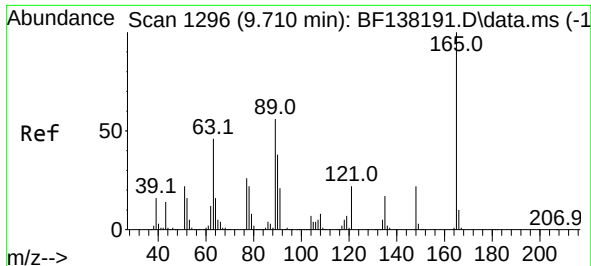
Ion Ratio Lower Upper

172 100

171 36.0 30.3 45.5

170 24.1 20.6 30.8

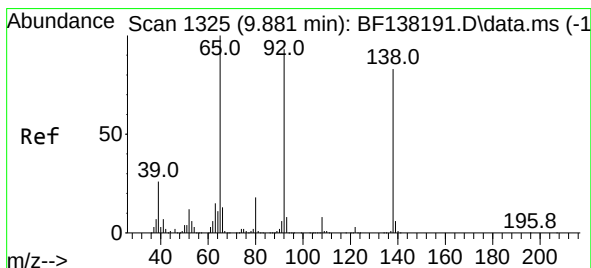
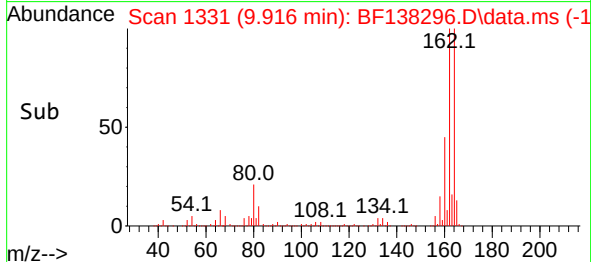
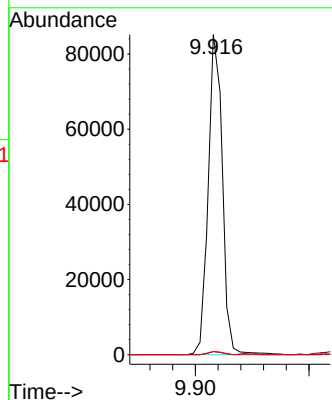
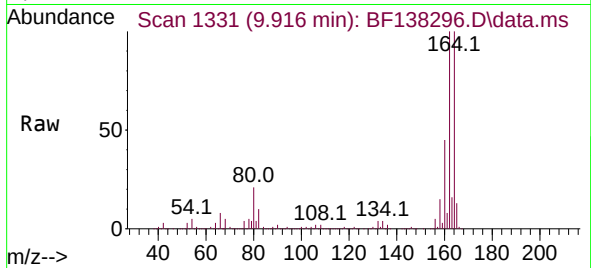




#51
2,6-Dinitrotoluene
Concen: 9.789 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

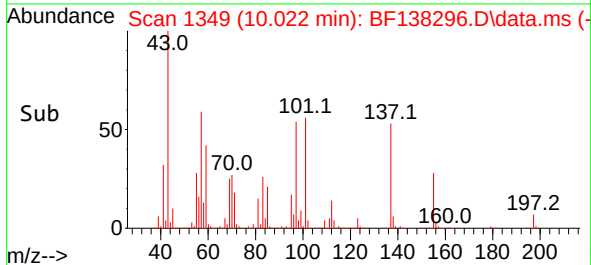
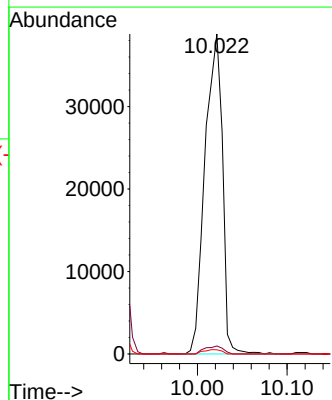
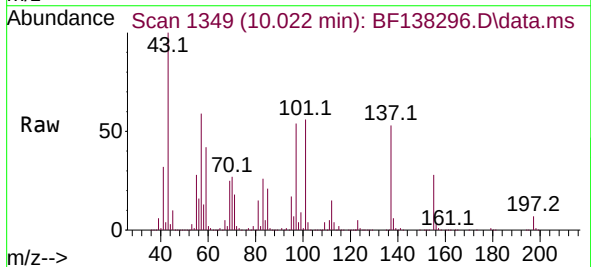
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

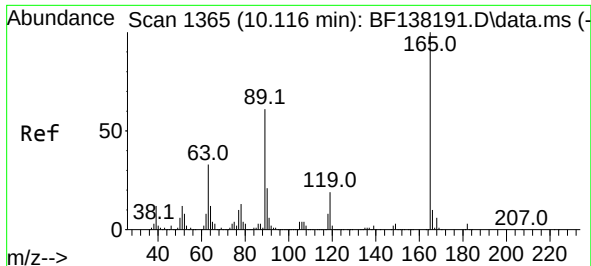
Tgt Ion:165 Resp: 73461
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#53
3-Nitroaniline
Concen: 6.543 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.141 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:138 Resp: 52457
Ion Ratio Lower Upper
138 100
108 2.5 8.2 12.2#
92 1.3 90.0 135.0#

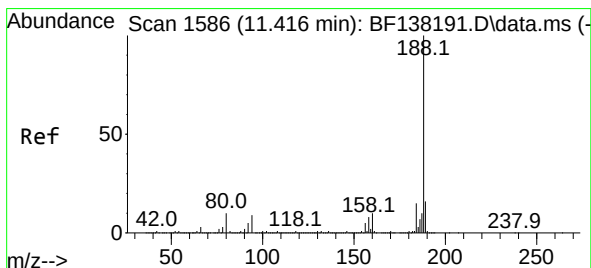
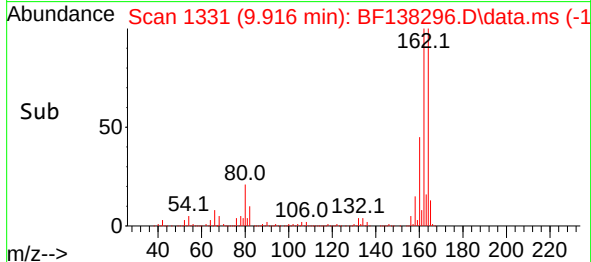
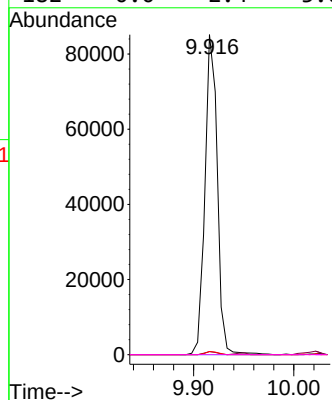
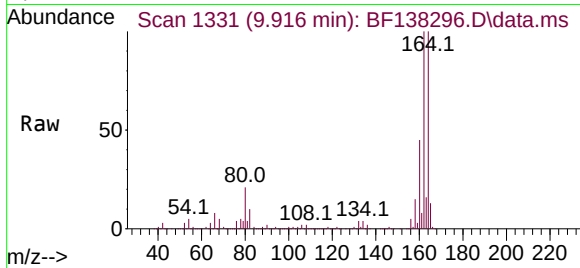




#57
2,4-Dinitrotoluene
Concen: 7.937 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

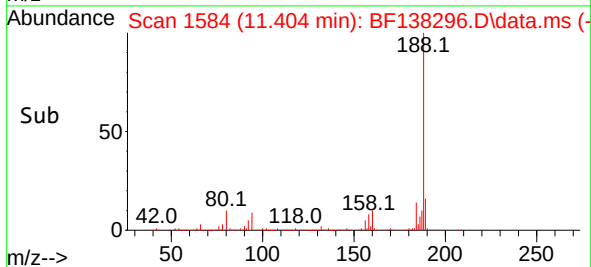
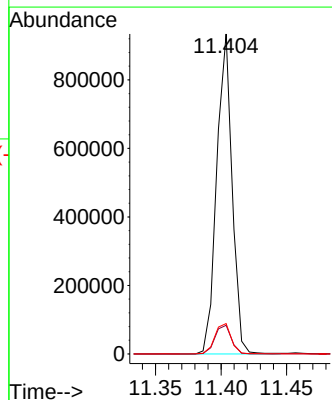
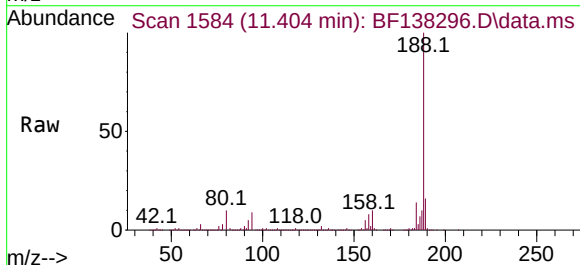
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

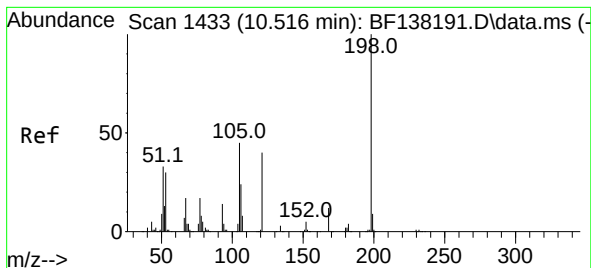
Tgt Ion:165 Resp: 73463
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:188 Resp: 762095
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.5 8.1 12.1

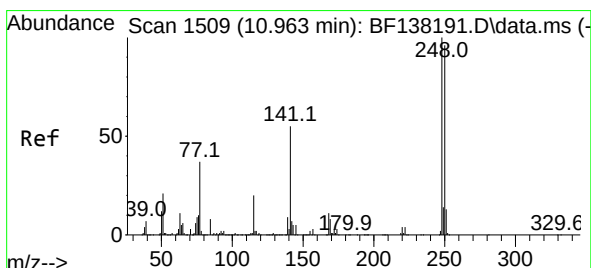
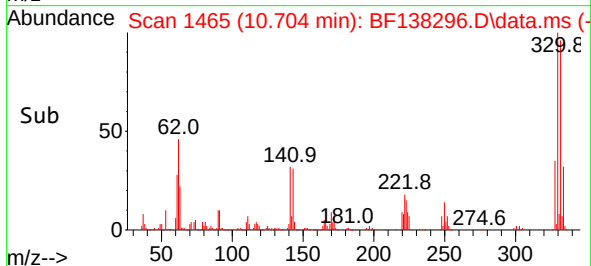
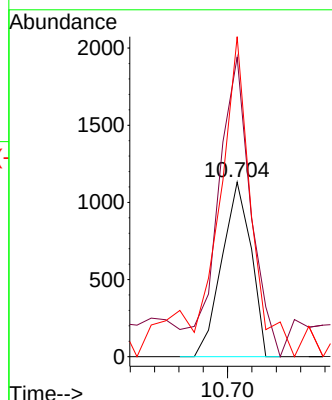
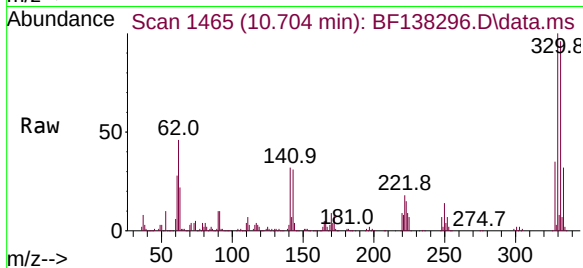




#65
4,6-Dinitro-2-methylphenol
Concen: 7.142 ng
RT: 10.704 min Scan# 1433
Delta R.T. 0.188 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

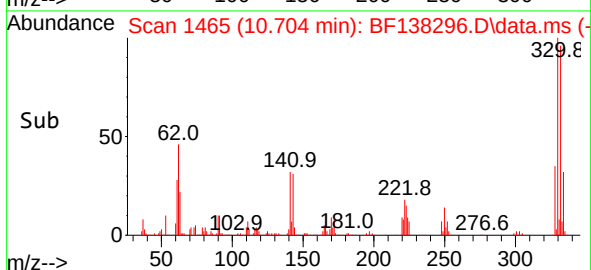
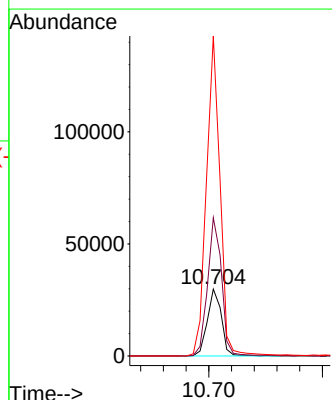
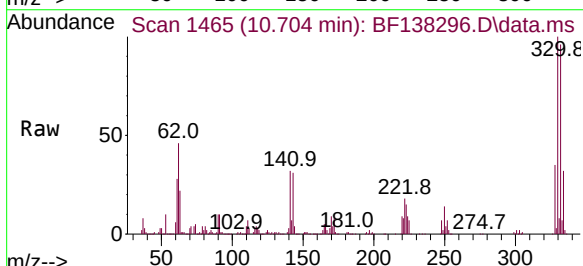
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

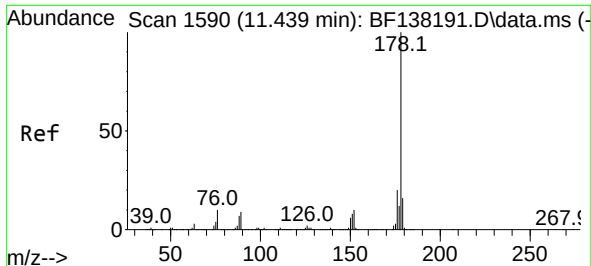
Tgt Ion:198 Resp: 943
Ion Ratio Lower Upper
198 100
51 171.5 26.9 66.9#
105 183.2 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 2.975 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:248 Resp: 25549
Ion Ratio Lower Upper
248 100
250 206.5 77.2 115.8#
141 478.1 44.1 66.1#

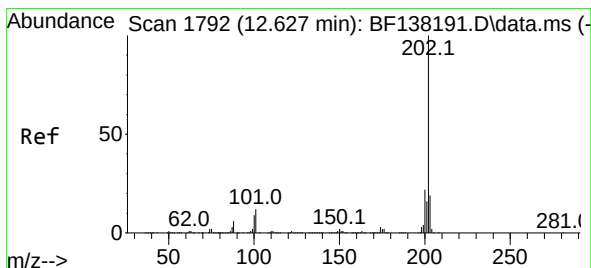
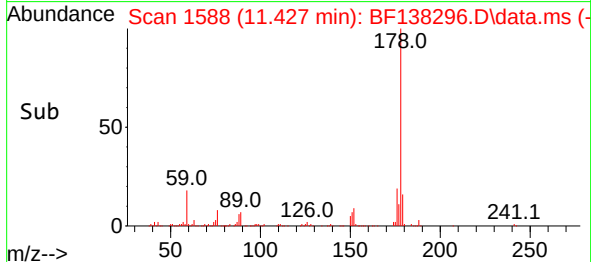
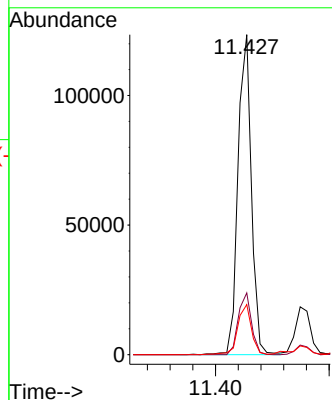
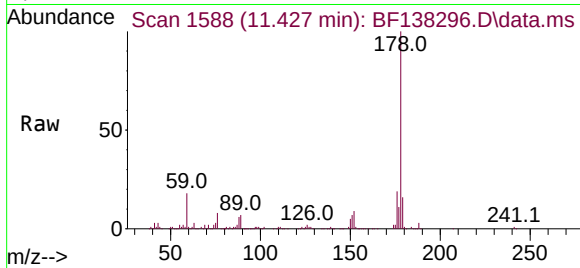




#71
Phenanthrene
Concen: 2.670 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

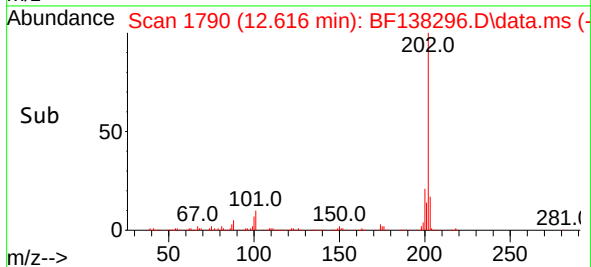
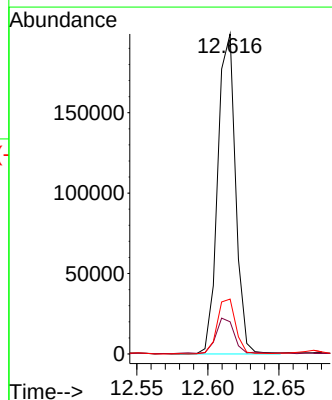
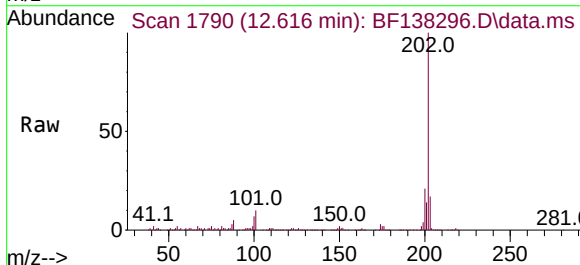
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

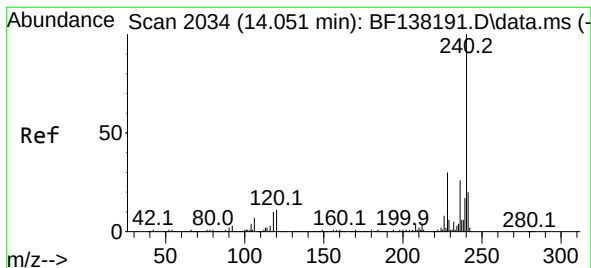
Tgt Ion:178 Resp: 100614
Ion Ratio Lower Upper
178 100
176 19.3 16.4 24.6
179 15.6 13.1 19.7



#75
Fluoranthene
Concen: 4.513 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:202 Resp: 173433
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.2 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

Instrument :

BNA_F

ClientSampleId :

OSTL-C1

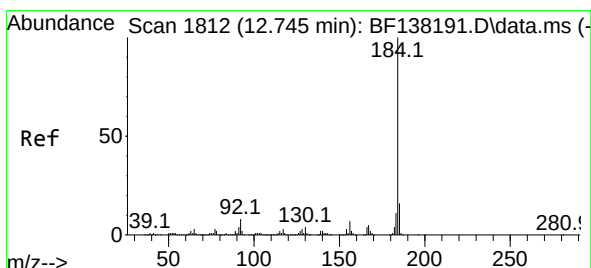
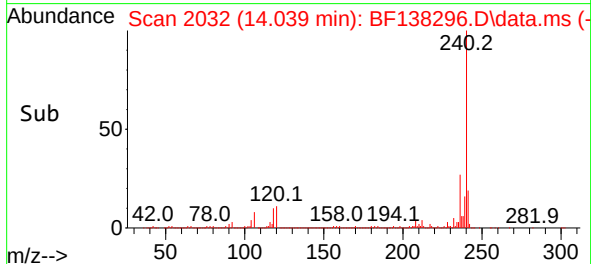
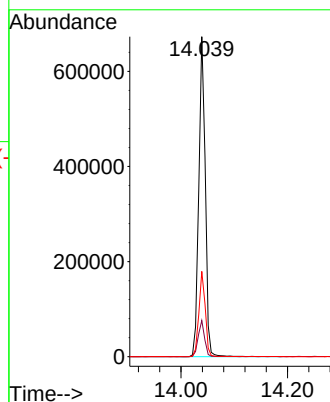
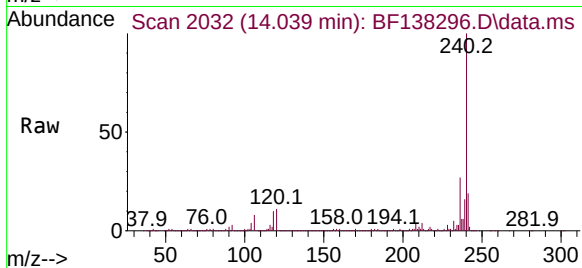
Tgt Ion:240 Resp: 566383

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 26.6 21.0 31.6



#77

Benzdine

Concen: 2.885 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

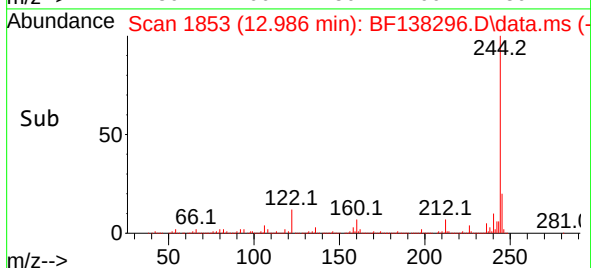
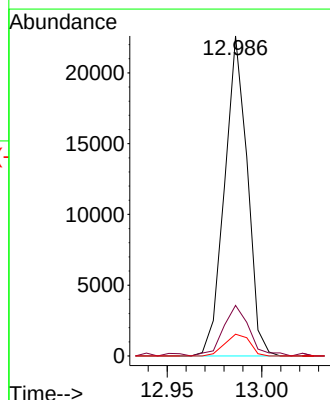
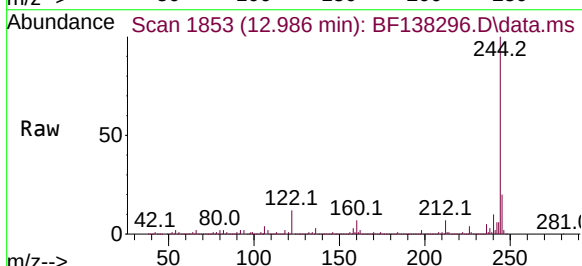
Tgt Ion:184 Resp: 18901

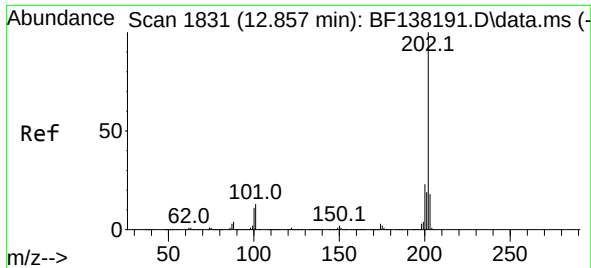
Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

183 6.8 9.0 13.6#

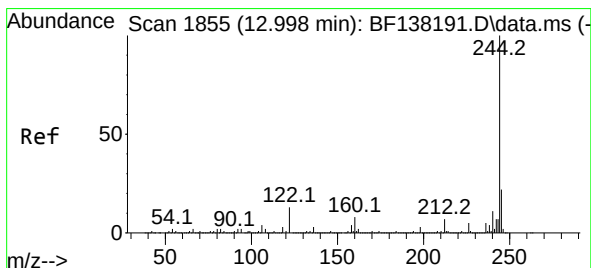
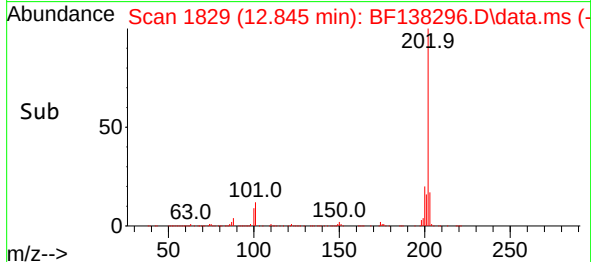
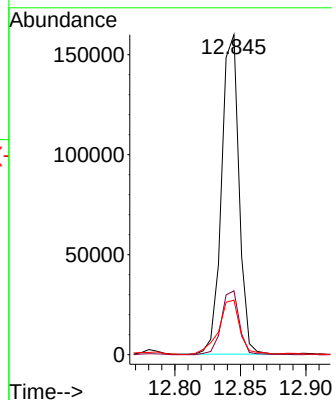
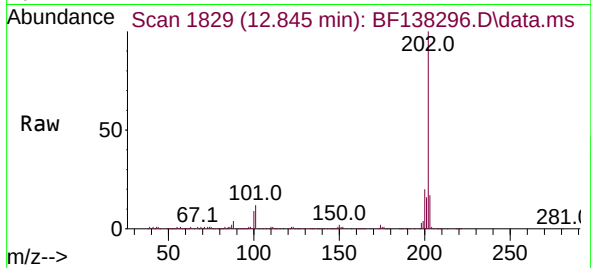




#78
Pyrene
Concen: 3.027 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

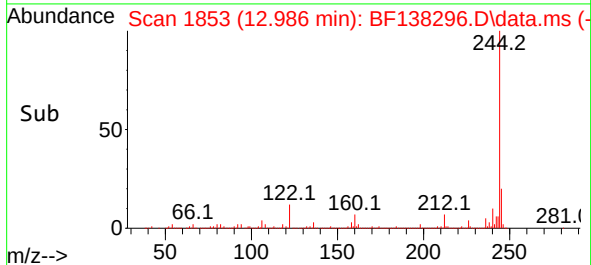
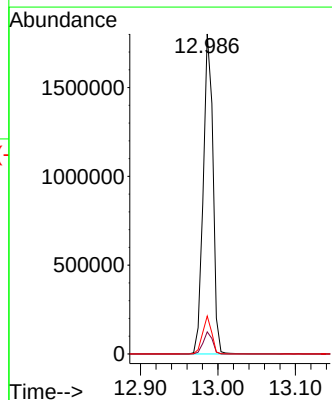
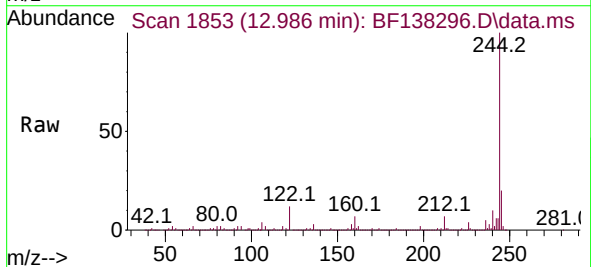
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

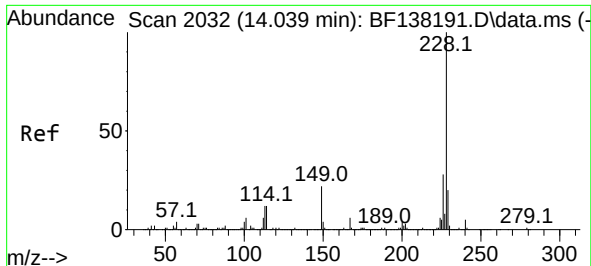
Tgt Ion:202 Resp: 147891
Ion Ratio Lower Upper
202 100
200 20.0 18.0 27.0
203 17.0 14.7 22.1



#79
Terphenyl-d14
Concen: 43.940 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:244 Resp: 1571323
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.8 10.6 15.8

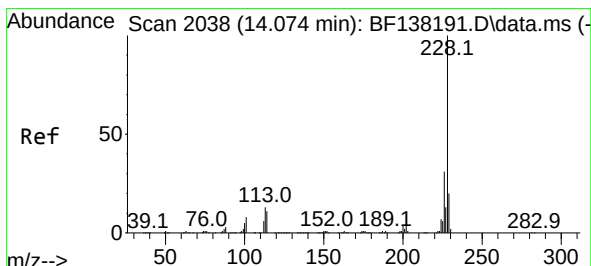
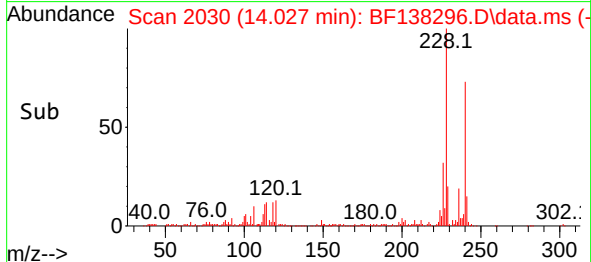
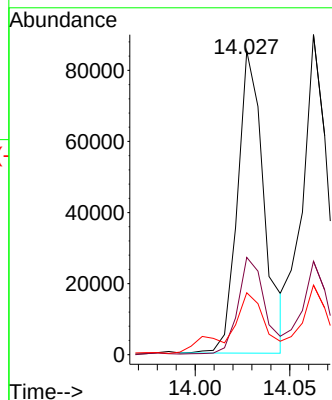
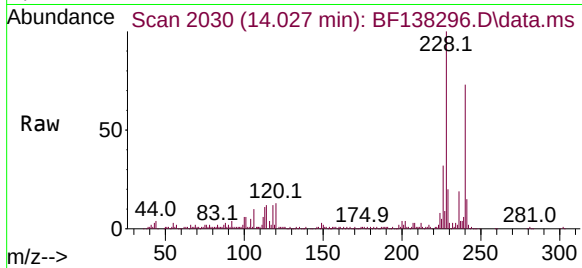




#81
Benzo(a)anthracene
Concen: 2.280 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

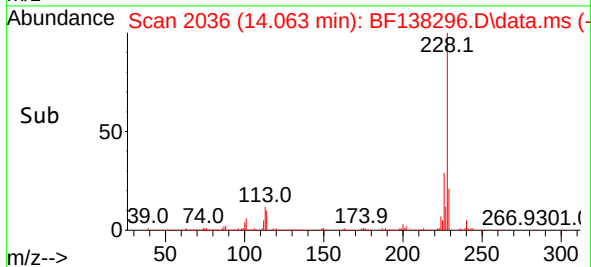
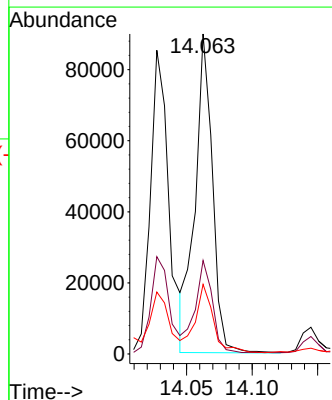
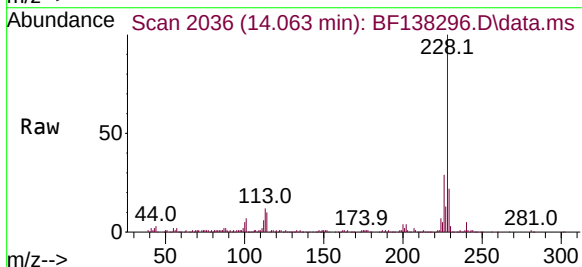
Instrument :
BNA_F
ClientSampleId :
OSTL-C1

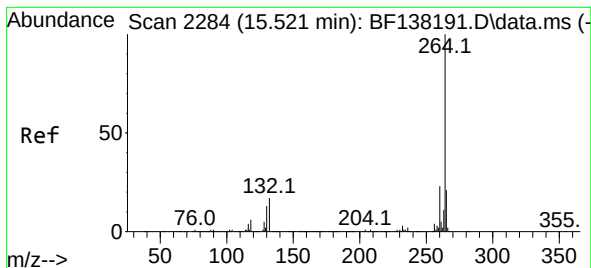
Tgt Ion:228 Resp: 82860
Ion Ratio Lower Upper
228 100
226 32.0 22.5 33.7
229 20.4 16.3 24.5



#83
Chrysene
Concen: 2.390 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:228 Resp: 82767
Ion Ratio Lower Upper
228 100
226 29.2 24.5 36.7
229 21.7 16.3 24.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

Instrument :

BNA_F

ClientSampleId :

OSTL-C1

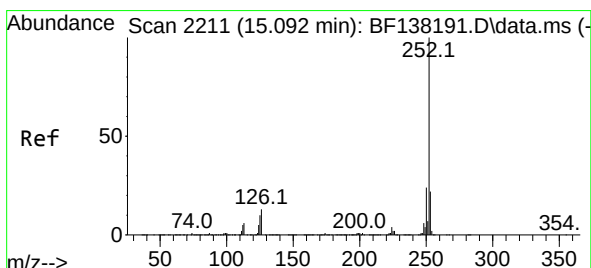
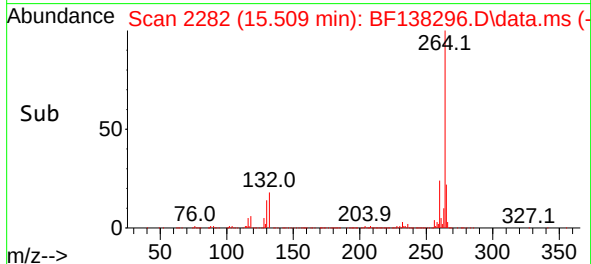
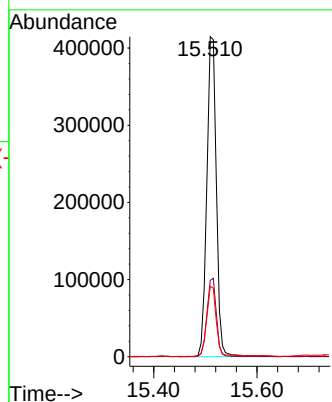
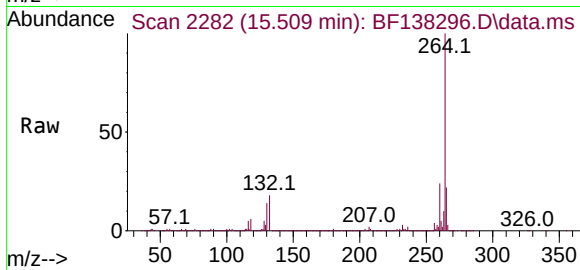
Tgt Ion:264 Resp: 531886

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.0 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 4.530 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF138296.D

Acq: 21 Jun 2024 20:37

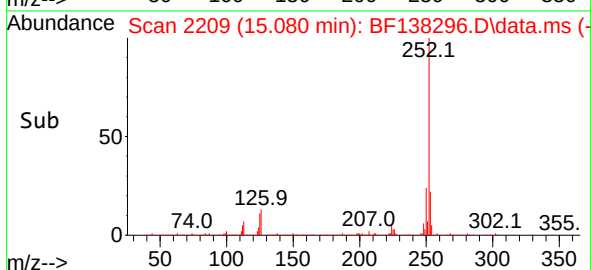
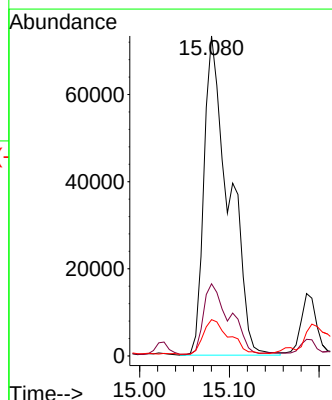
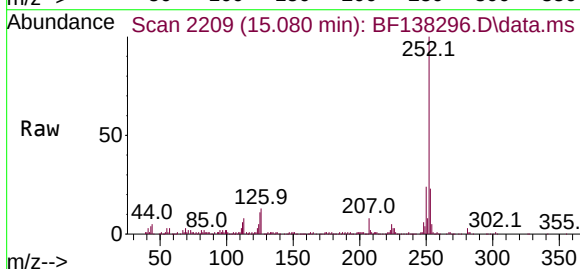
Tgt Ion:252 Resp: 142102

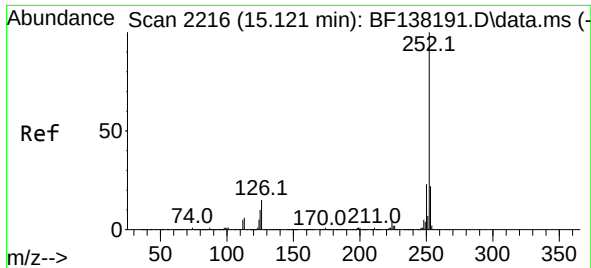
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.3 7.8 11.8

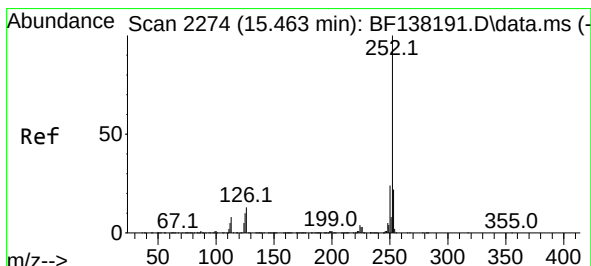
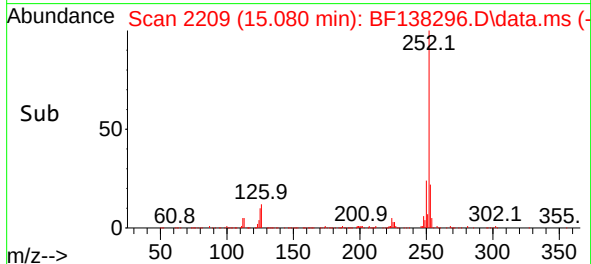
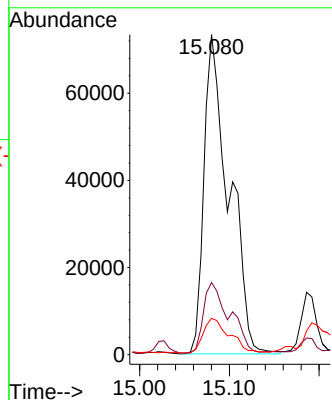
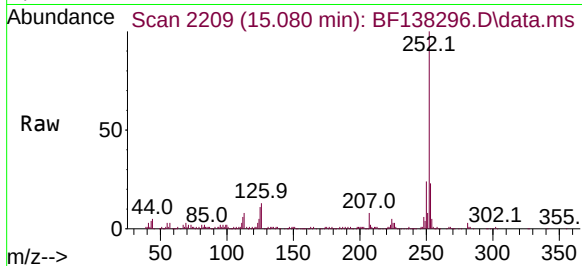




#89
Benzo(k)fluoranthene
Concen: 4.623 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Instrument :
BNA_F
ClientSampleId :
OSTL-C1

Tgt Ion:252 Resp: 142102
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.3 8.0 12.0



#90
Benzo(a)pyrene
Concen: 2.330 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.018 min
Lab File: BF138296.D
Acq: 21 Jun 2024 20:37

Tgt Ion:252 Resp: 62789
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 12.7 8.2 12.2#

