

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138314.D
 Acq On : 24 Jun 2024 17:13
 Operator : CG\JU
 Sample : P2977-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-D5

Quant Time: Jun 24 17:57:22 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)

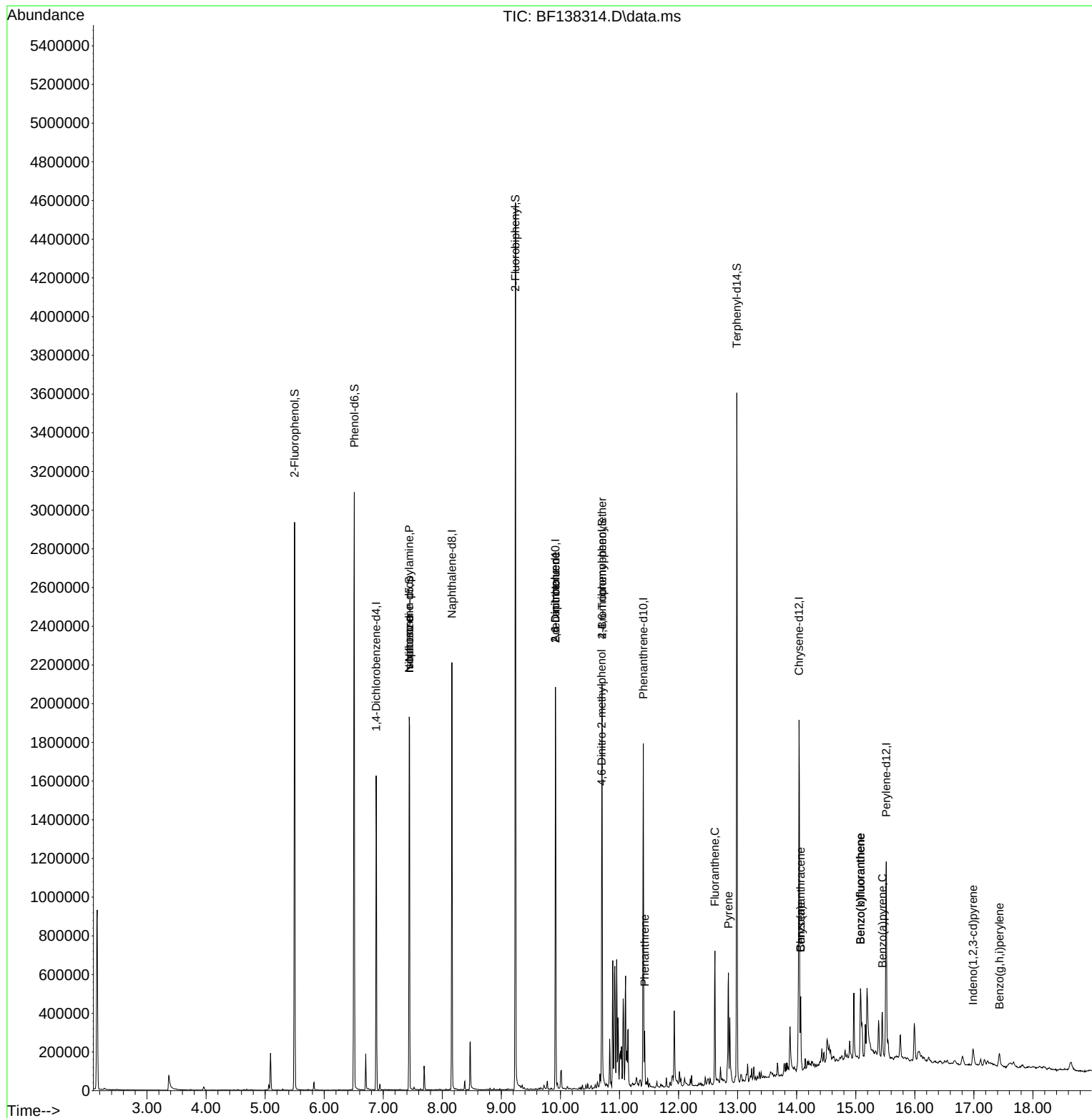
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	237521	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	871186	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	423924	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	597365	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	545027	20.000	ng	-0.01
86) Perylene-d12	15.515	264	473587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	813413	57.288	ng	-0.01
7) Phenol-d6	6.510	99	1076277	59.778	ng	-0.01
23) Nitrobenzene-d5	7.439	82	634014	42.368	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	247951	58.753	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1319690	49.502	ng	-0.01
79) Terphenyl-d14	12.986	244	1226059	35.629	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	82944	7.772	ng	# 78
25) Isophorone	7.439	82	632879	23.381	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	54626	9.694	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	54626	7.860	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.698	198	467	7.066	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	15327	2.277	ng	# 1
71) Phenanthrene	11.427	178	93592	3.168	ng	97
75) Fluoranthene	12.616	202	261100	8.667	ng	97
78) Pyrene	12.845	202	228540	4.861	ng	97
81) Benzo(a)anthracene	14.068	228	155698	4.453	ng	97
83) Chrysene	14.068	228	155698	4.672	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	63225	2.048	ng	94
88) Benzo(b)fluoranthene	15.080	252	270489	9.685	ng	97
89) Benzo(k)fluoranthene	15.080	252	270489	9.883	ng	98
90) Benzo(a)pyrene	15.451	252	115211	4.802	ng	97
92) Benzo(g,h,i)perylene	17.433	276	58807	2.243	ng	98

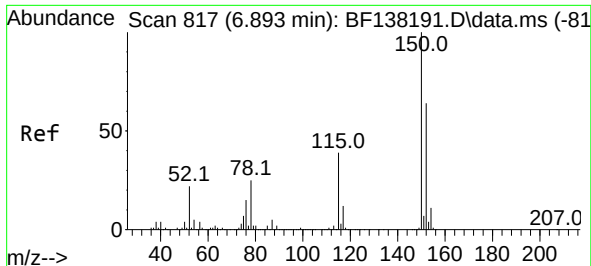
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
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Quant Time: Jun 24 17:57:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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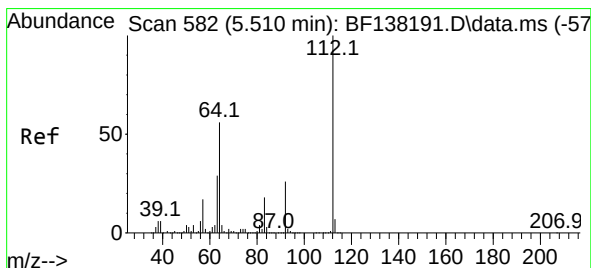
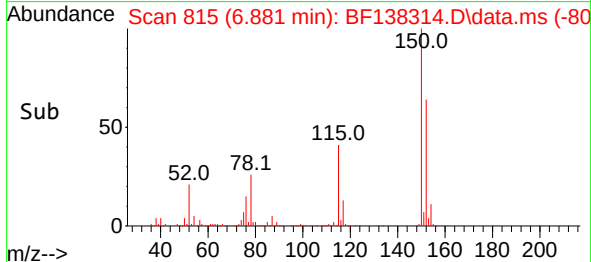
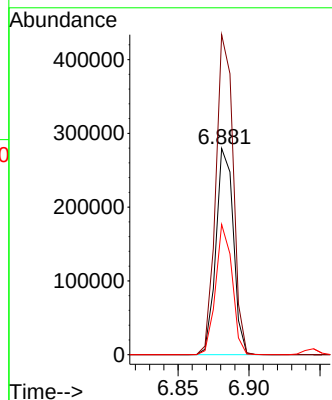
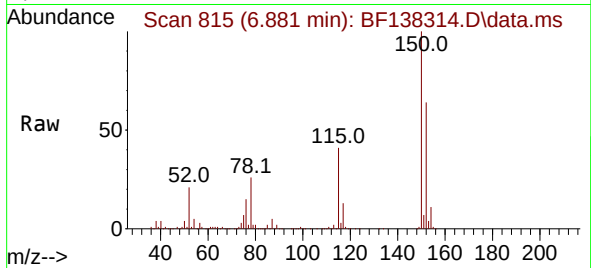




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 817
 Delta R.T. -0.012 min
 Lab File: BF138314.D
 Acq: 24 Jun 2024 17:13

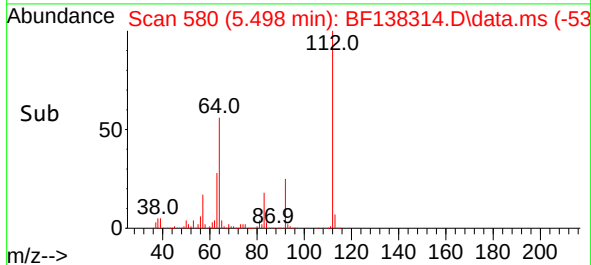
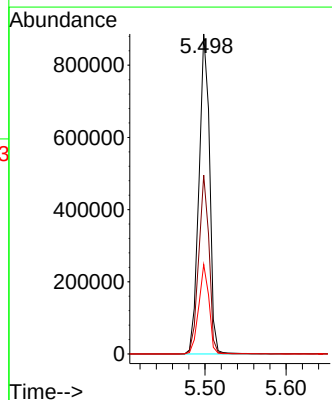
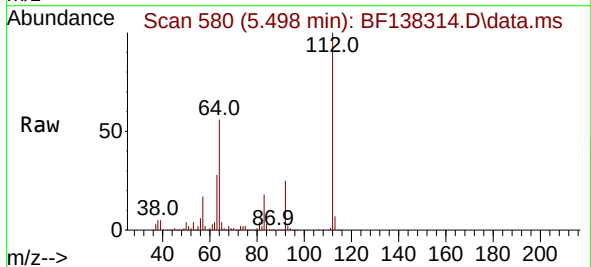
Instrument :
 BNA_F
 ClientSampleId :
 OSTL-D5

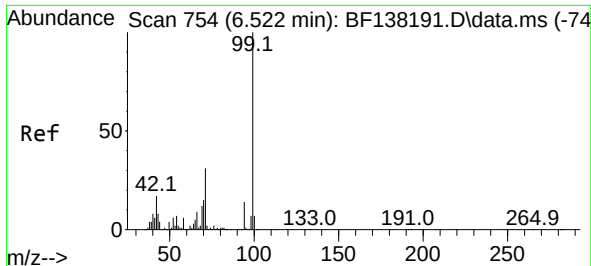
Tgt Ion:152 Resp: 237521
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.0 187.4
 115 63.2 48.4 72.6



#5
 2-Fluorophenol
 Concen: 57.288 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.012 min
 Lab File: BF138314.D
 Acq: 24 Jun 2024 17:13

Tgt Ion:112 Resp: 813413
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.2 67.8
 63 27.9 22.9 34.3

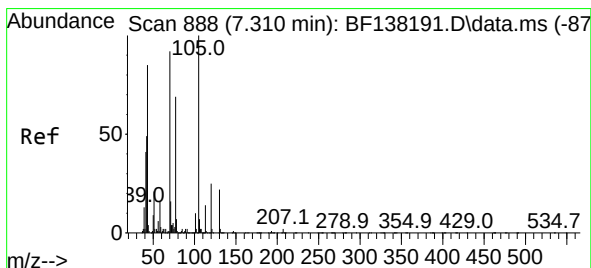
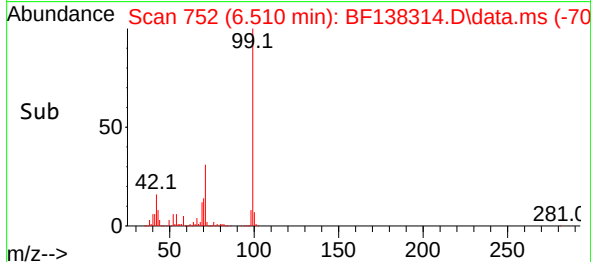
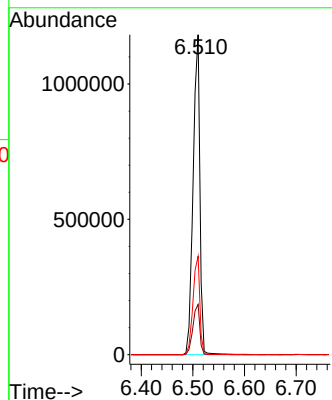
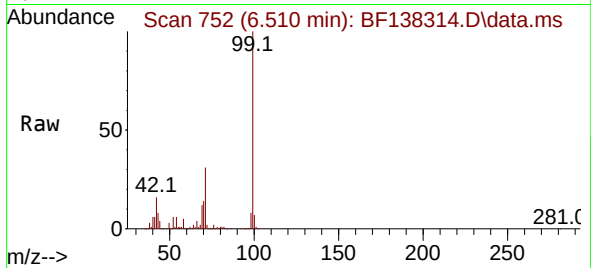




#7
Phenol-d6
Concen: 59.778 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

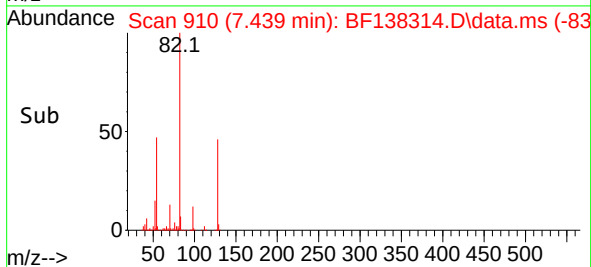
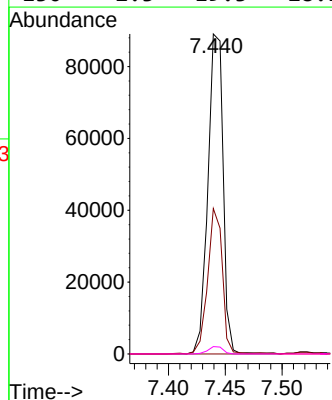
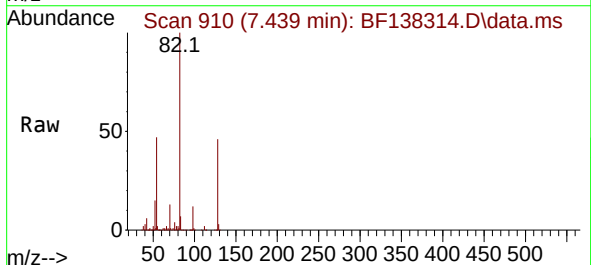
Instrument :
BNA_F
ClientSampleId :
OSTL-D5

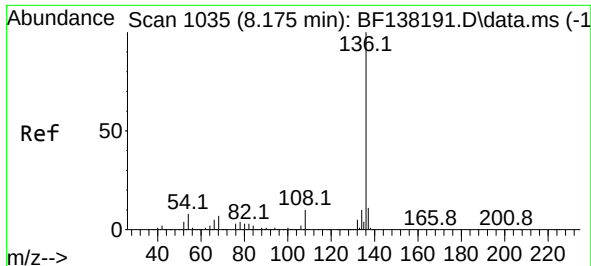
Tgt Ion: 99 Resp: 1076277
Ion Ratio Lower Upper
99 100
42 15.7 13.7 20.5
71 30.7 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.772 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.129 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

Tgt Ion: 70 Resp: 82944
Ion Ratio Lower Upper
70 100
42 45.4 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

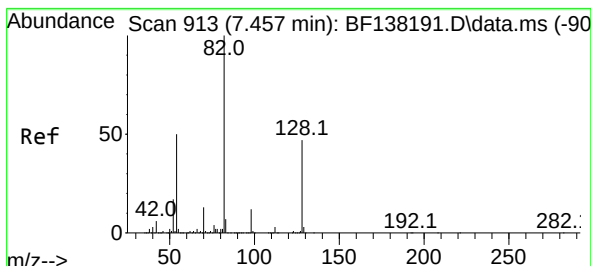
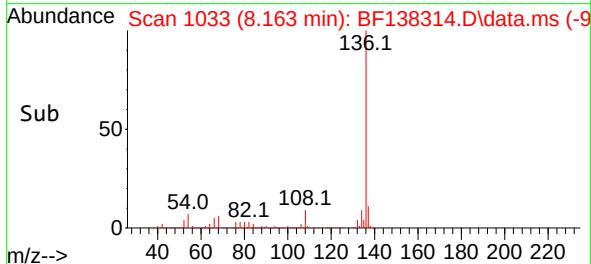
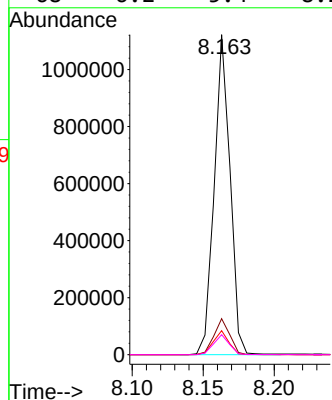
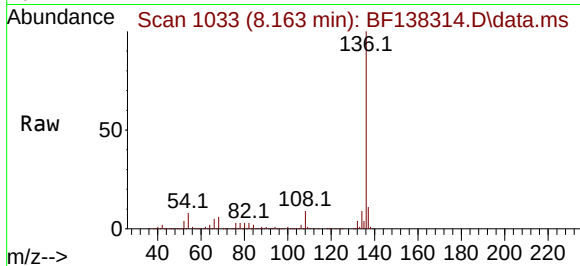




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

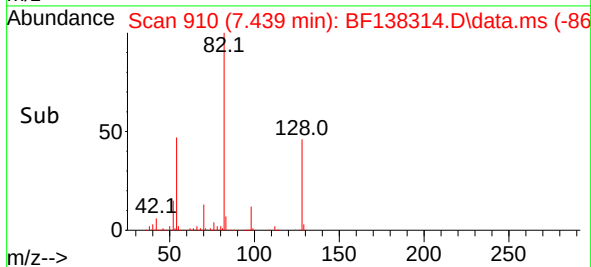
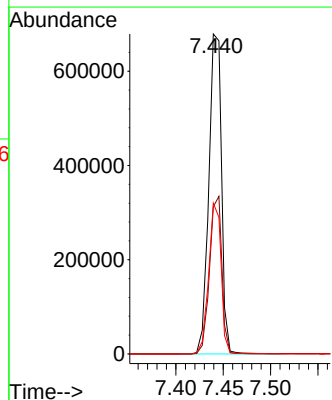
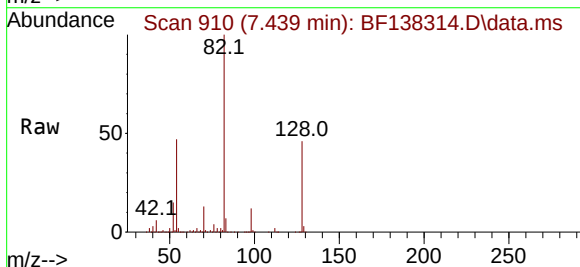
Instrument :
BNA_F
ClientSampleId :
OSTL-D5

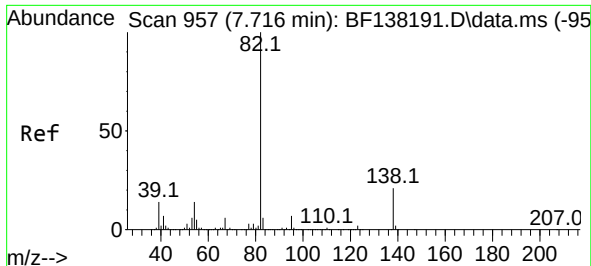
Tgt Ion:	136	Resp:	871186
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	6.6	10.0
68	6.2	5.4	8.2



#23
Nitrobenzene-d5
Concen: 42.368 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

Tgt Ion:	82	Resp:	634014
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.2	55.8
54	47.2	39.8	59.6

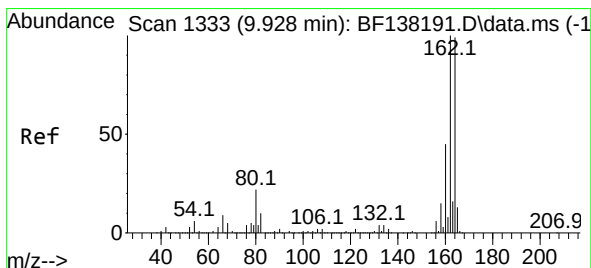
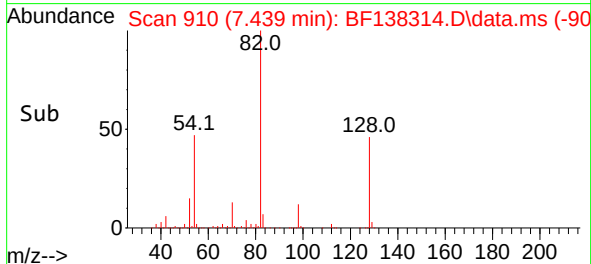
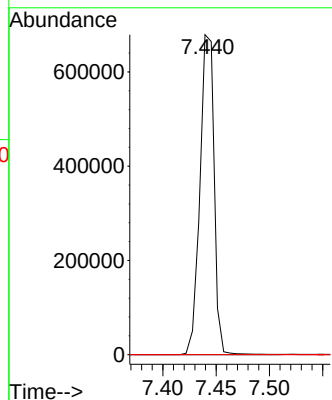
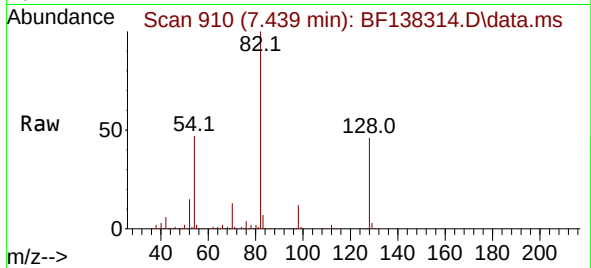




#25
Isophorone
Concen: 23.381 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.277 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

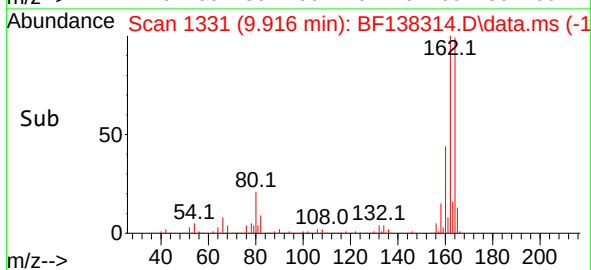
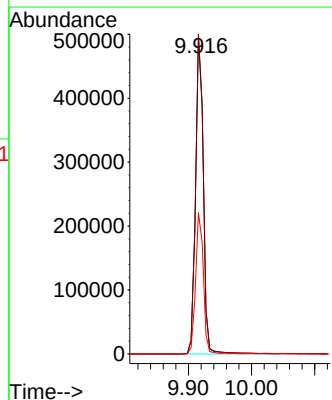
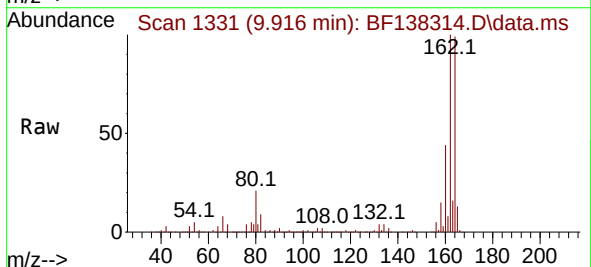
Instrument :
BNA_F
ClientSampleId :
OSTL-D5

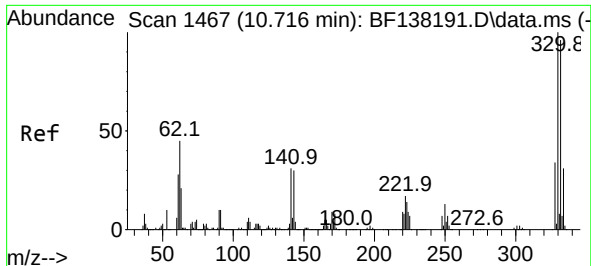
Tgt Ion: 82 Resp: 632879
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

Tgt Ion:164 Resp: 423924
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 44.5 36.3 54.5

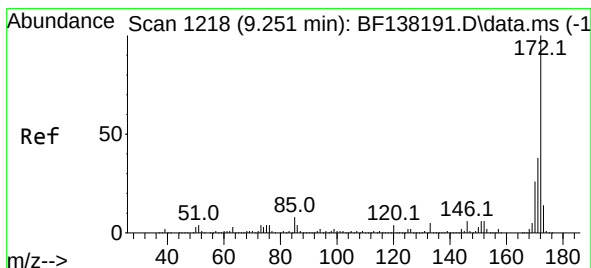
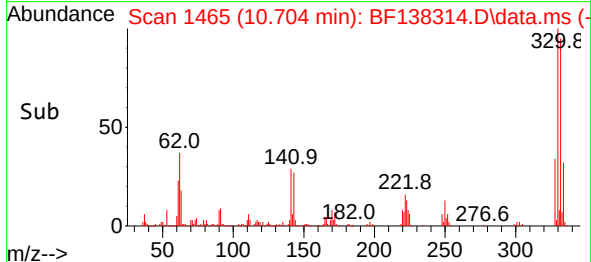
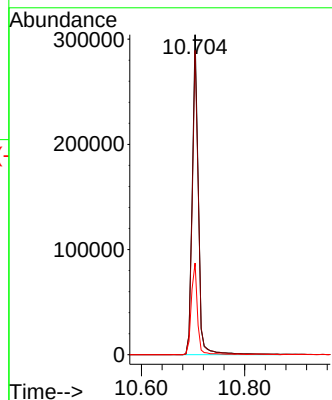
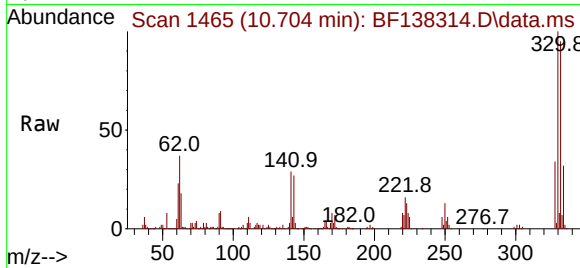




#42
2,4,6-Tribromophenol
Concen: 58.753 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

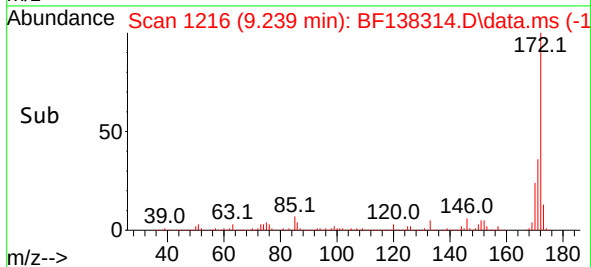
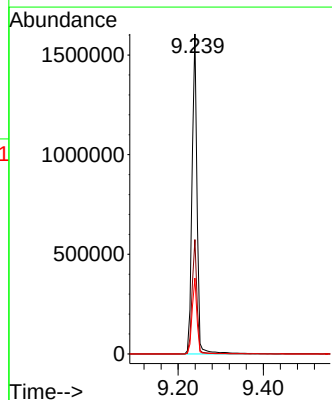
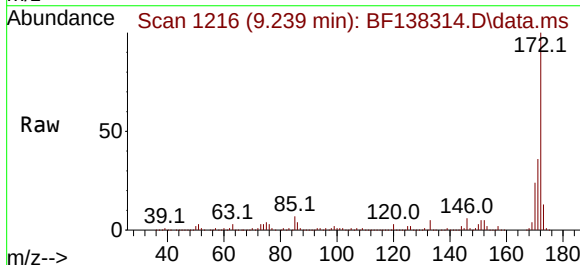
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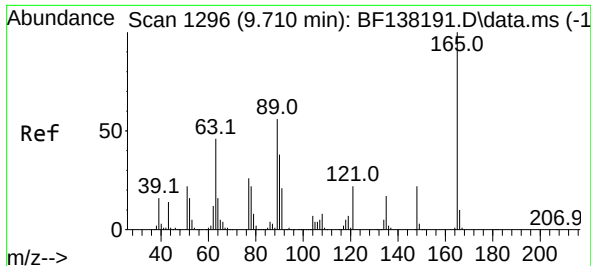
Tgt Ion:330 Resp: 247951
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 29.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 49.502 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

Tgt Ion:172 Resp: 1319690
Ion Ratio Lower Upper
172 100
171 35.7 30.3 45.5
170 23.7 20.6 30.8

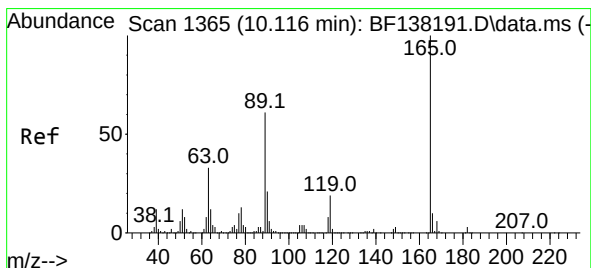
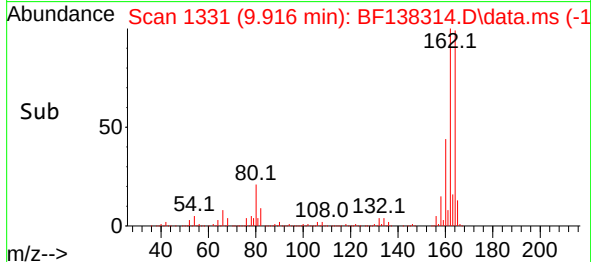
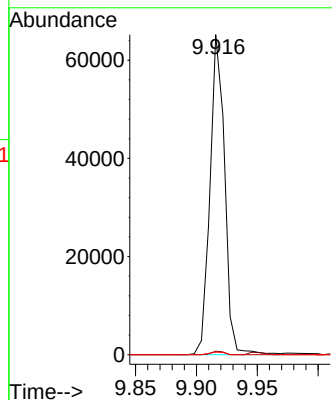
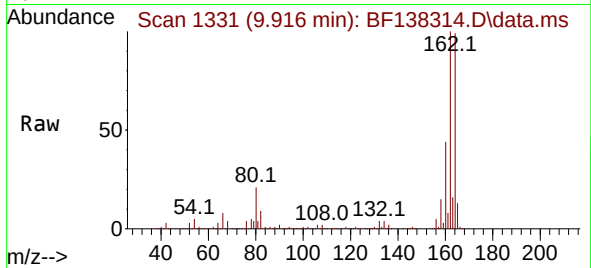




#51
2,6-Dinitrotoluene
Concen: 9.694 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

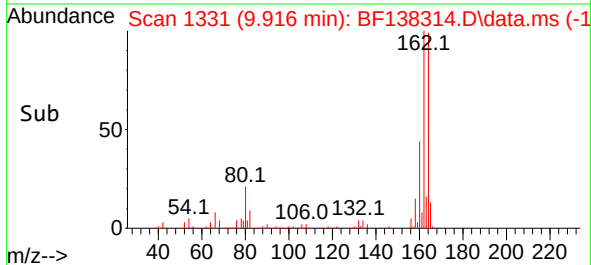
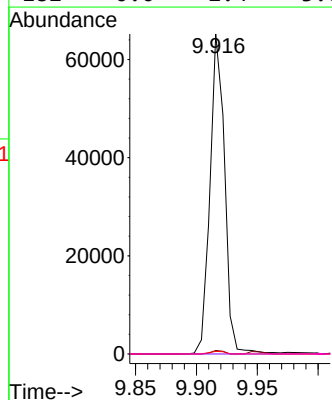
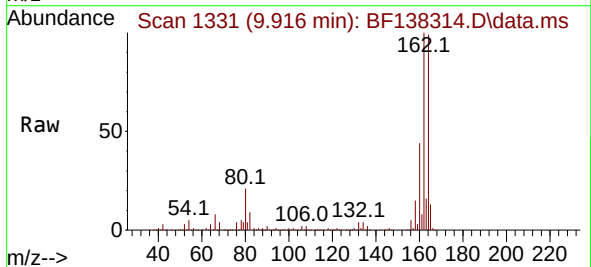
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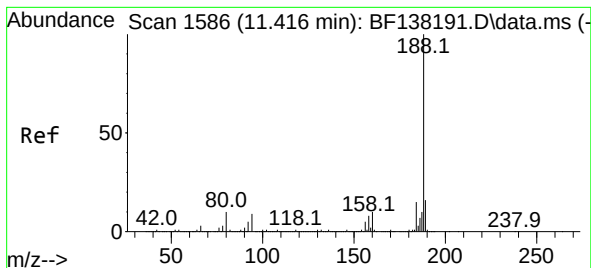
Tgt Ion:165 Resp: 54626
Ion Ratio Lower Upper
165 100
63 1.1 43.7 65.5#
89 0.8 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.860 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

Tgt Ion:165 Resp: 54626
Ion Ratio Lower Upper
165 100
63 1.1 26.6 39.8#
89 0.8 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: BF138314.D

Acq: 24 Jun 2024 17:13

Instrument :

BNA_F

ClientSampleId :

OSTL-D5

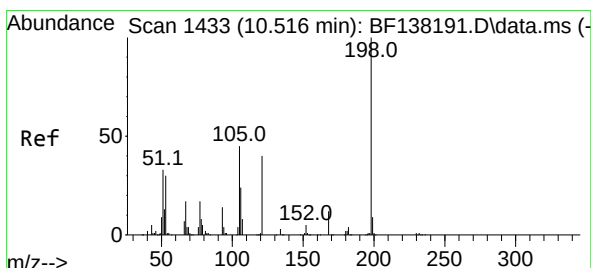
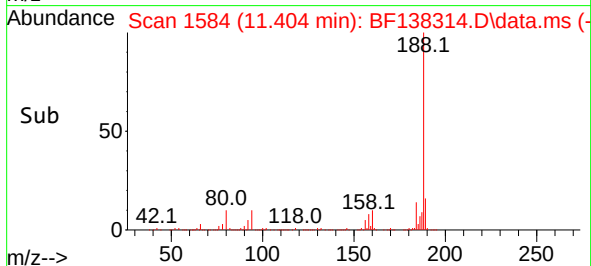
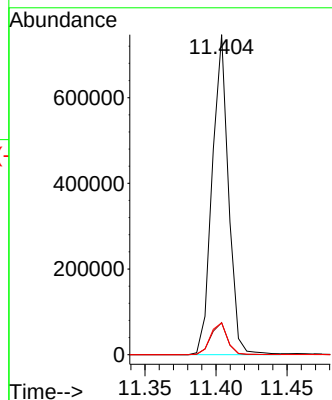
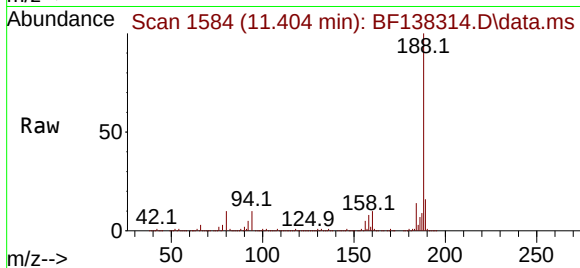
Tgt Ion:188 Resp: 597365

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

80 9.9 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.066 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.182 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

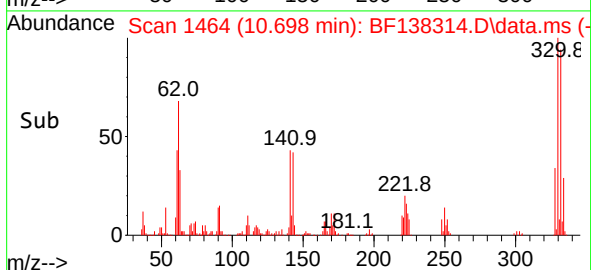
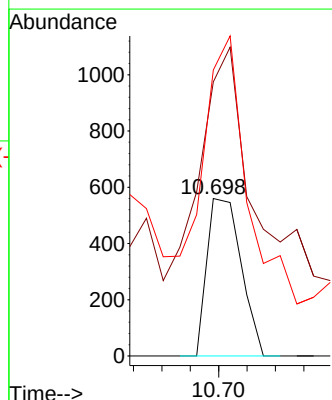
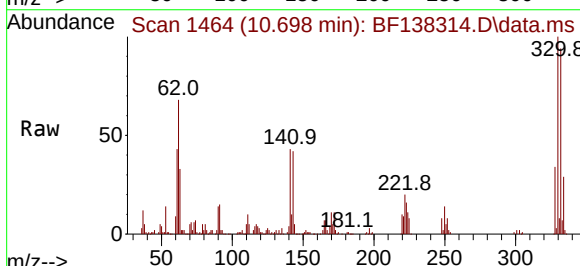
Tgt Ion:198 Resp: 467

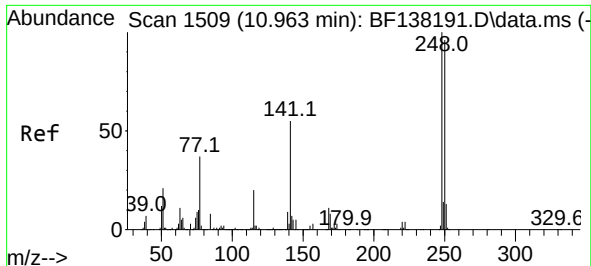
Ion Ratio Lower Upper

198 100

51 174.1 26.9 66.9#

105 181.6 26.0 66.0#

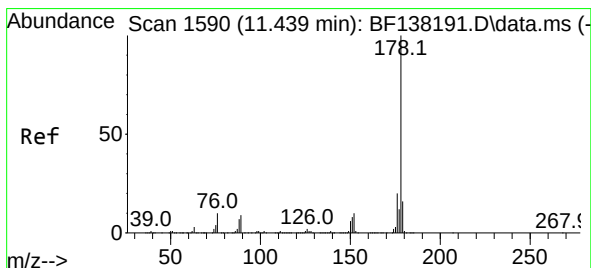
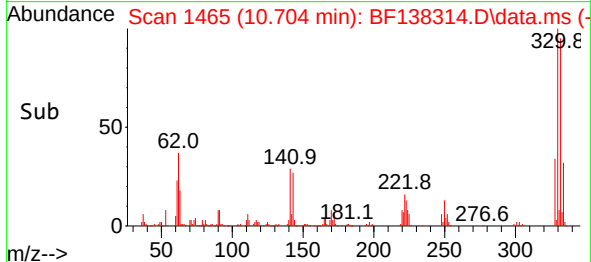
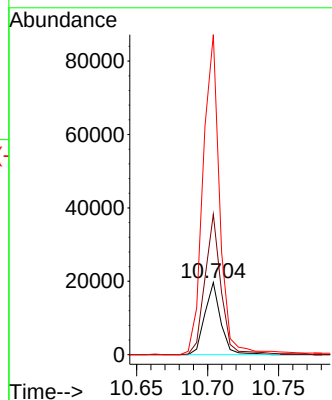
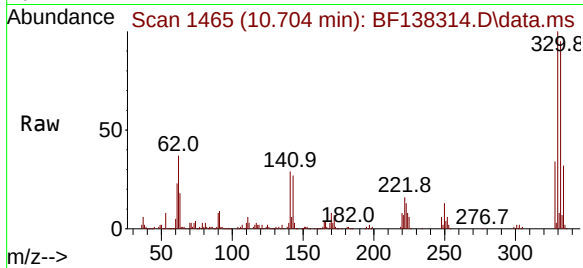




#67
4-Bromophenyl-phenylether
Concen: 2.277 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

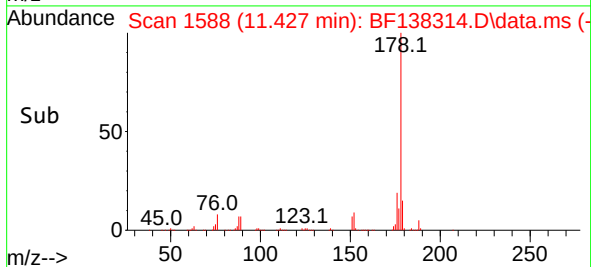
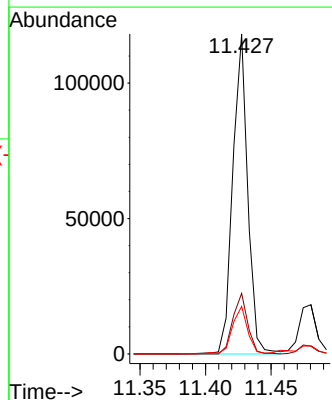
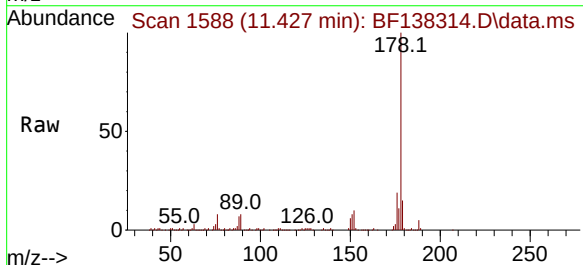
Instrument :
BNA_F
ClientSampleId :
OSTL-D5

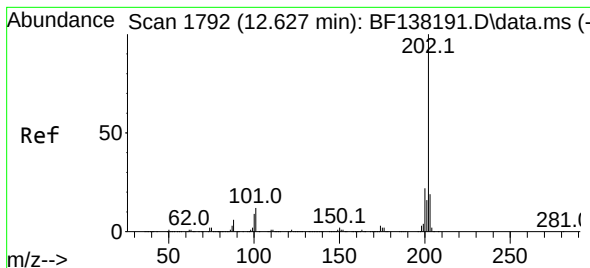
Tgt Ion:248 Resp: 15327
Ion Ratio Lower Upper
248 100
250 194.5 77.2 115.8#
141 443.0 44.1 66.1#



#71
Phenanthrene
Concen: 3.168 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

Tgt Ion:178 Resp: 93592
Ion Ratio Lower Upper
178 100
176 18.9 16.4 24.6
179 14.9 13.1 19.7





#75

Fluoranthene

Concen: 8.667 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

Instrument :

BNA_F

ClientSampleId :

OSTL-D5

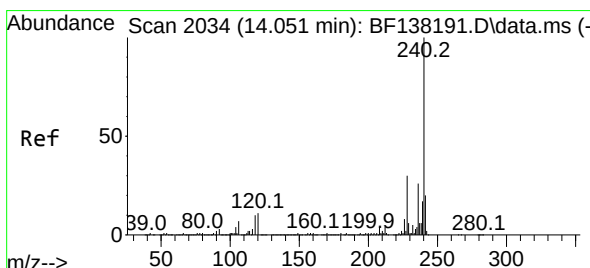
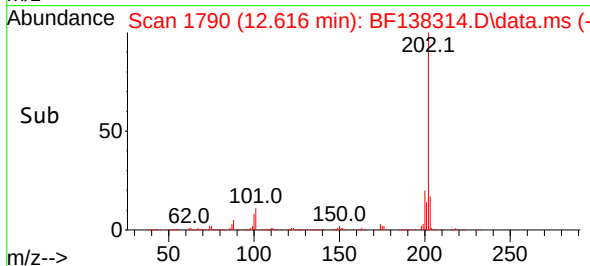
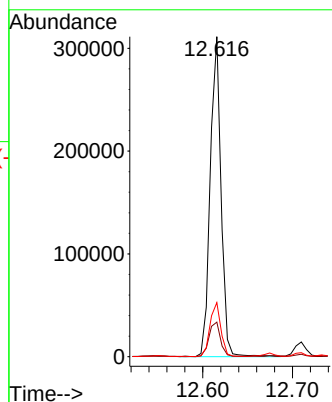
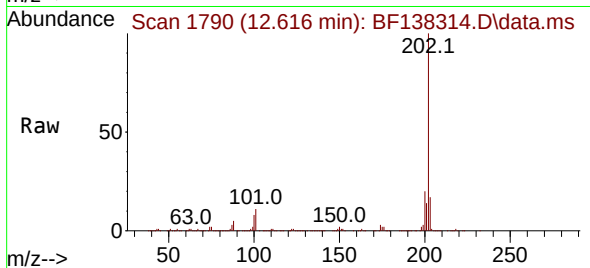
Tgt Ion:202 Resp: 261100

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.8

203 16.9 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

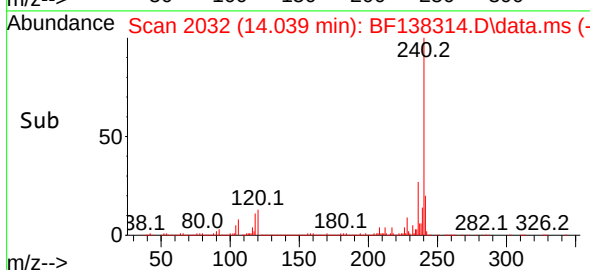
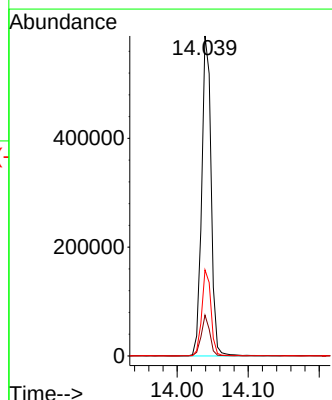
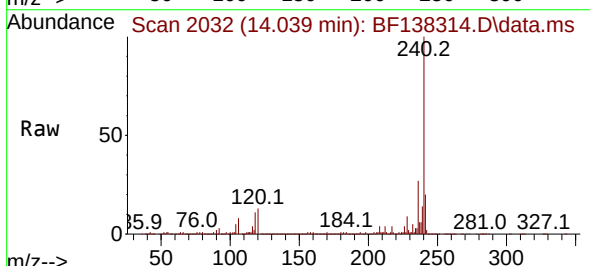
Tgt Ion:240 Resp: 545027

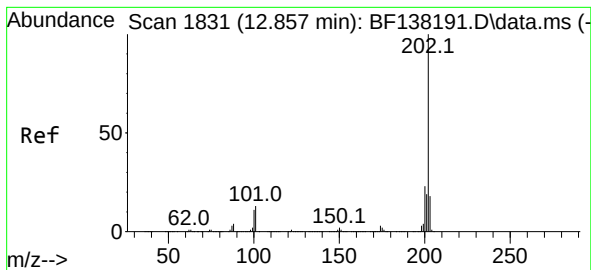
Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

236 26.9 21.0 31.6





#78

Pyrene

Concen: 4.861 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

Instrument :

BNA_F

ClientSampleId :

OSTL-D5

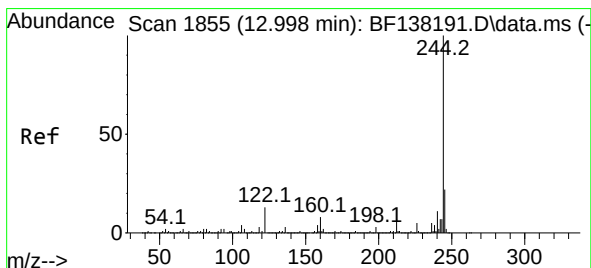
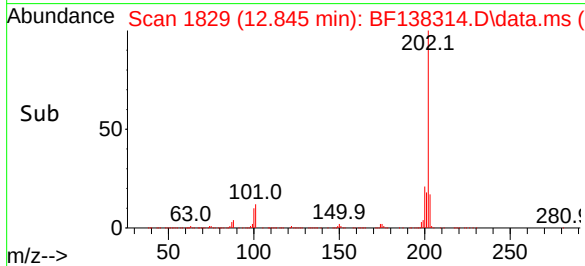
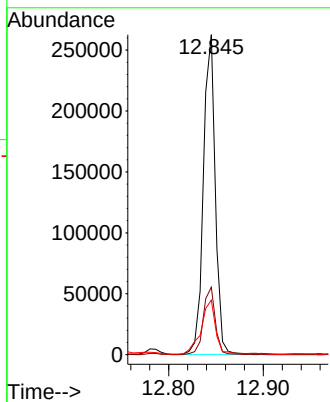
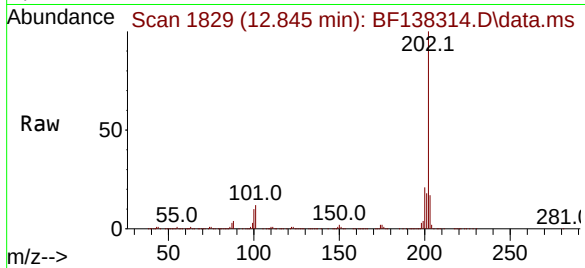
Tgt Ion:202 Resp: 228540

Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

203 17.0 14.7 22.1



#79

Terphenyl-d14

Concen: 35.629 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

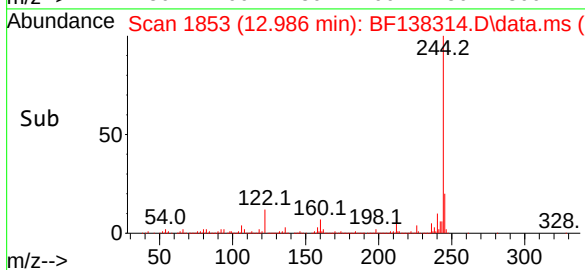
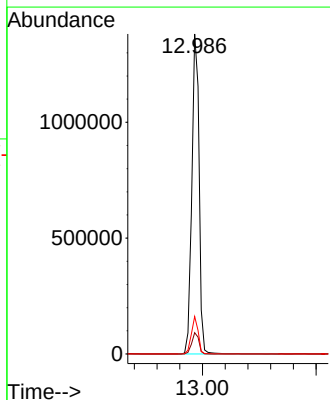
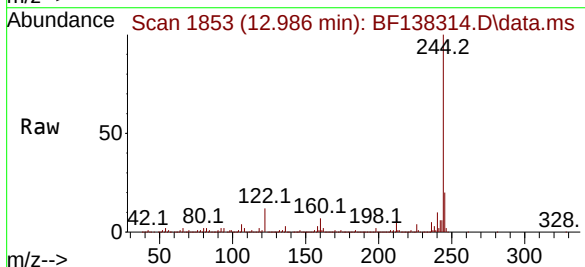
Tgt Ion:244 Resp: 1226059

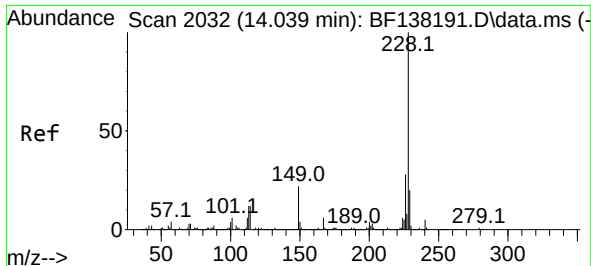
Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 11.7 10.6 15.8

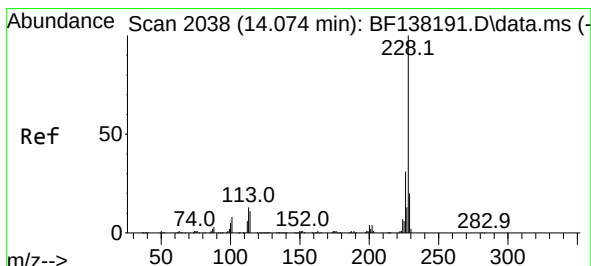
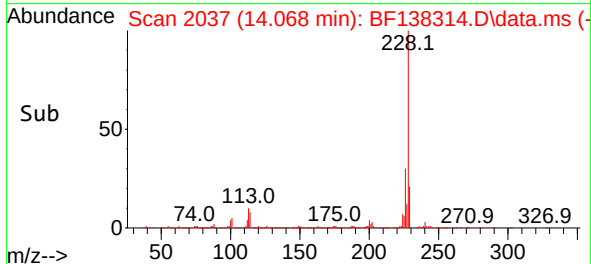
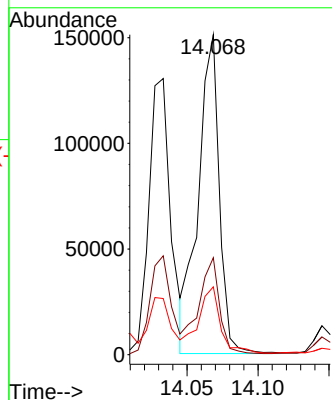
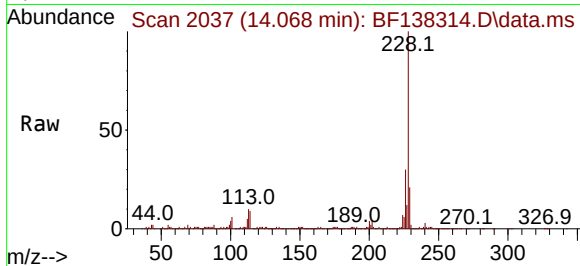




#81
Benzo(a)anthracene
Concen: 4.453 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.029 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

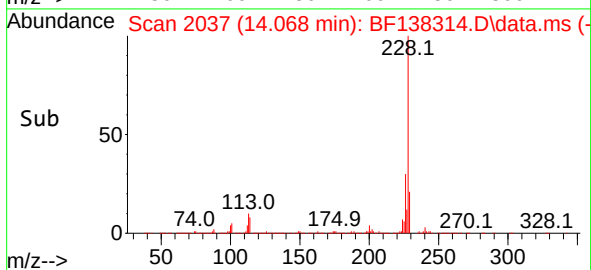
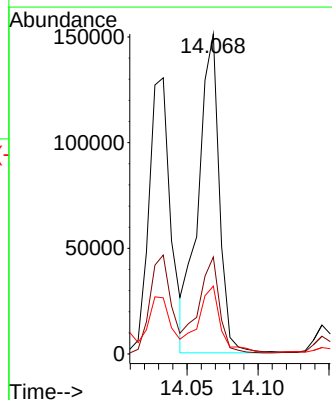
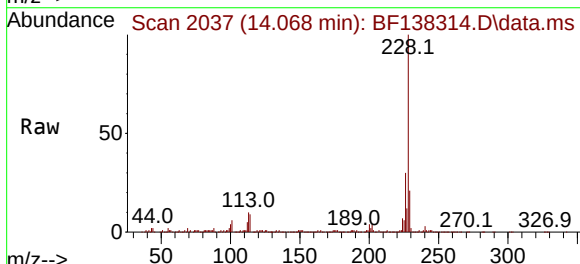
Instrument :
BNA_F
ClientSampleId :
OSTL-D5

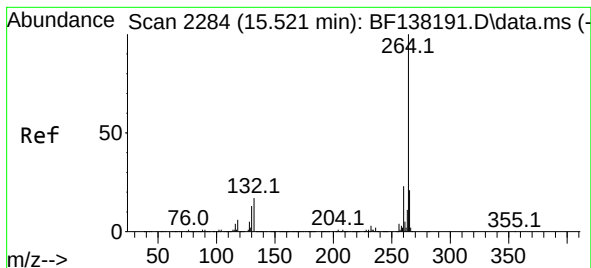
Tgt Ion:228 Resp: 155698
Ion Ratio Lower Upper
228 100
226 30.3 22.5 33.7
229 21.2 16.3 24.5



#83
Chrysene
Concen: 4.672 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF138314.D
Acq: 24 Jun 2024 17:13

Tgt Ion:228 Resp: 155698
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 21.2 16.3 24.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

Instrument :

BNA_F

ClientSampleId :

OSTL-D5

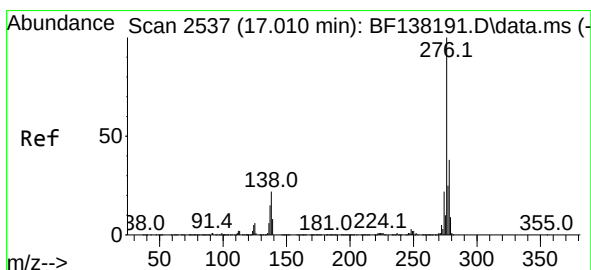
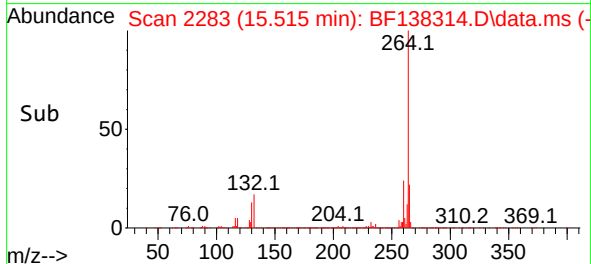
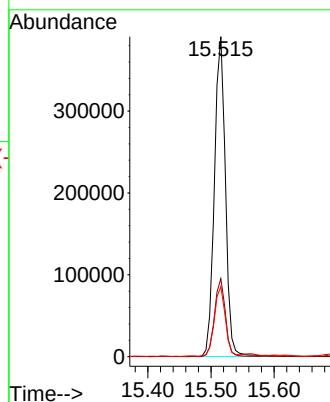
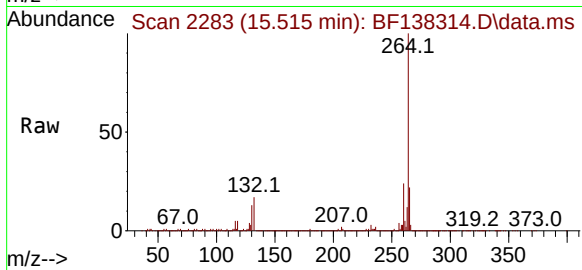
Tgt Ion:264 Resp: 473587

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.9 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.048 ng

RT: 16.986 min Scan# 2533

Delta R.T. -0.024 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

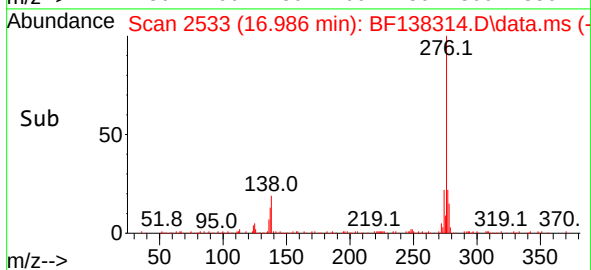
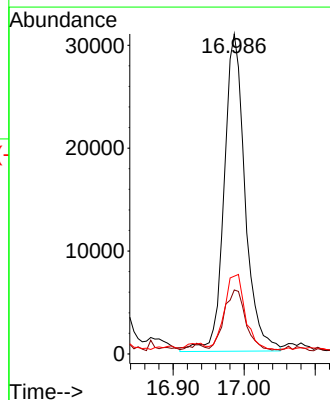
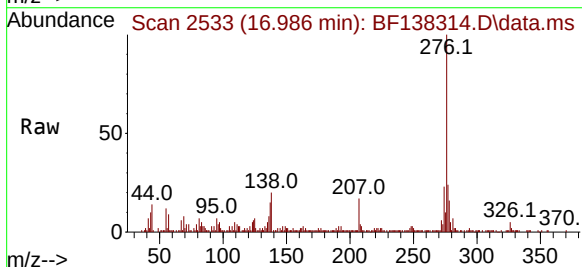
Tgt Ion:276 Resp: 63225

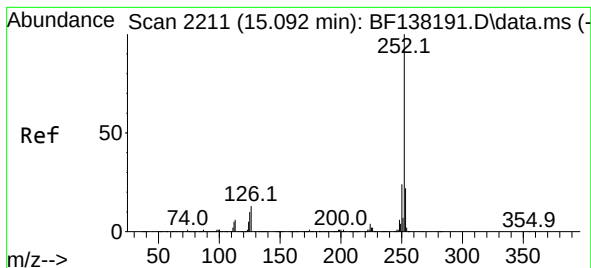
Ion Ratio Lower Upper

276 100

138 19.5 19.3 28.9

277 23.4 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 9.685 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

Instrument :

BNA_F

ClientSampleId :

OSTL-D5

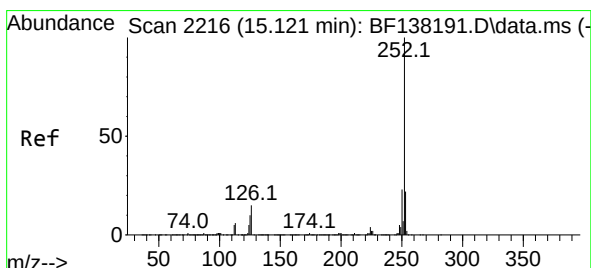
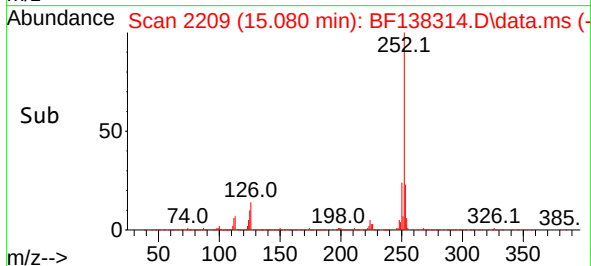
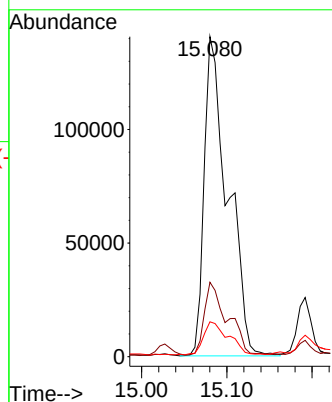
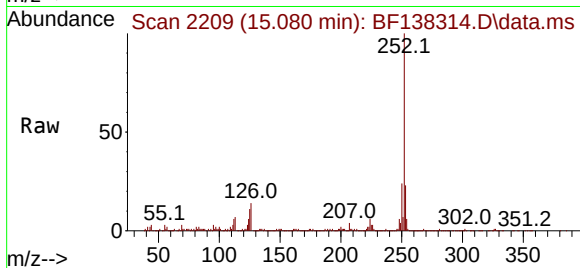
Tgt Ion:252 Resp: 270489

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 10.9 7.8 11.8



#89

Benzo(k)fluoranthene

Concen: 9.883 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.041 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

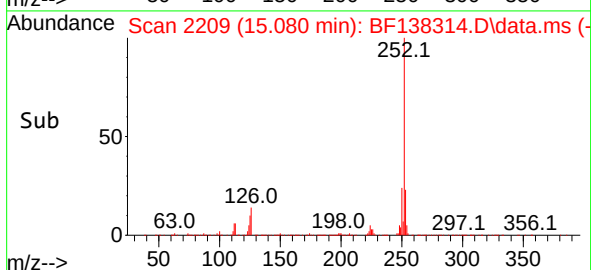
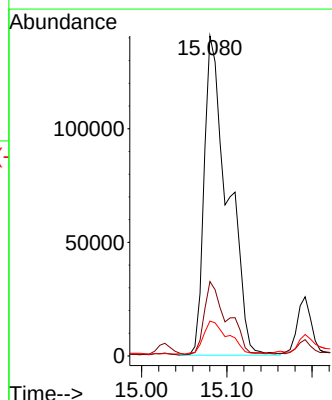
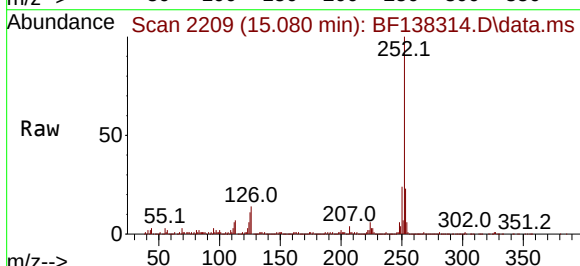
Tgt Ion:252 Resp: 270489

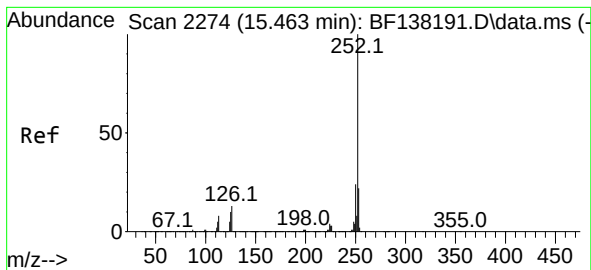
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 10.9 8.0 12.0





#90

Benzo(a)pyrene

Concen: 4.802 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

Instrument :

BNA_F

ClientSampleId :

OSTL-D5

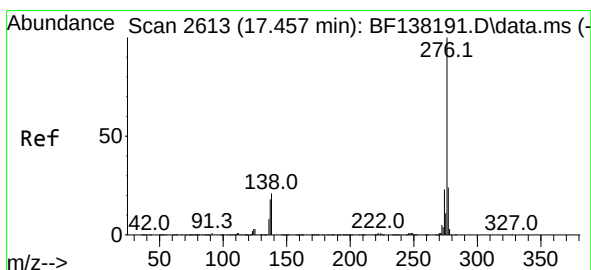
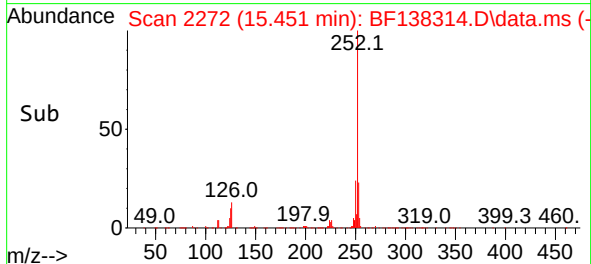
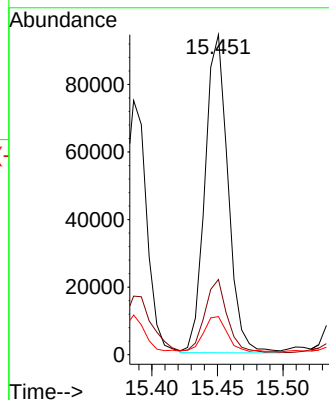
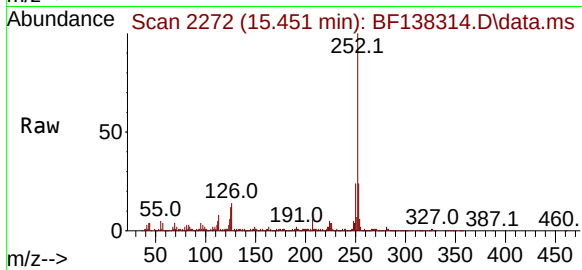
Tgt Ion:252 Resp: 115211

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 11.9 8.2 12.2



#92

Benzo(g,h,i)perylene

Concen: 2.243 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.024 min

Lab File: BF138314.D

Acq: 24 Jun 2024 17:13

Tgt Ion:276 Resp: 58807

Ion Ratio Lower Upper

276 100

277 26.0 19.5 29.3

138 21.2 16.6 24.8

