

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138214.D
 Acq On : 17 Jun 2024 19:56
 Operator : CG\JU
 Sample : P2848-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Jun 18 00:55:02 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)

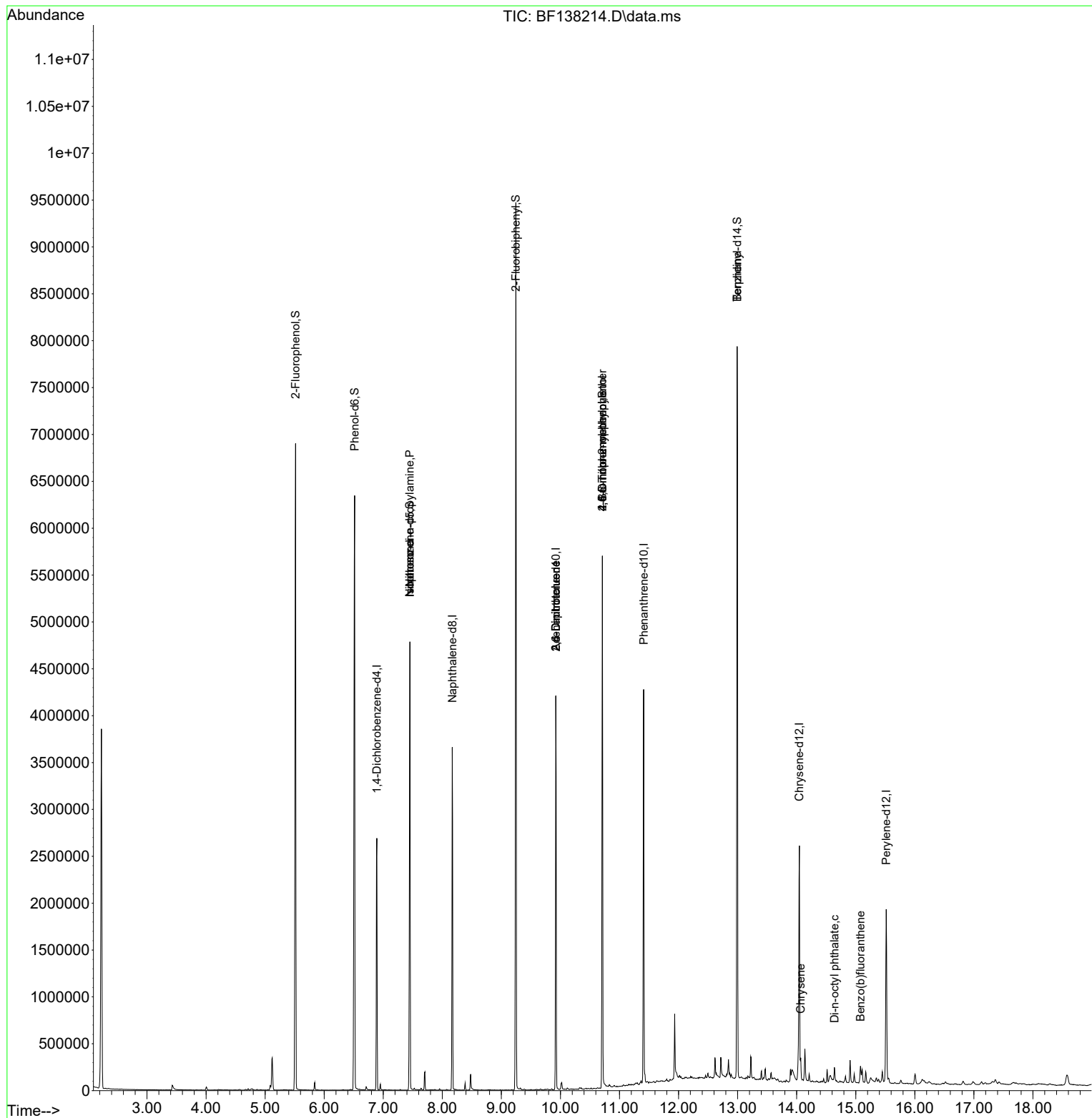
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	397226	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1530916	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	831124	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1433868	20.000	ng	0.00
76) Chrysene-d12	14.045	240	795154	20.000	ng	0.00
86) Perylene-d12	15.515	264	846339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1994634	84.000	ng	0.00
7) Phenol-d6	6.516	99	2454290	81.509	ng	0.00
23) Nitrobenzene-d5	7.451	82	1482559	56.377	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	678420	81.994	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2795345	53.482	ng	0.00
79) Terphenyl-d14	12.992	244	2821916	56.208	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	196998	11.037	ng	# 77
25) Isophorone	7.451	82	1481047	31.137	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	109937	9.951	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	109937	8.068	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1670	7.130	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	43843	2.714	ng	# 1
77) Benzidine	12.992	184	37271	4.052	ng	# 95
83) Chrysene	14.068	228	109628	2.255	ng	98
85) Di-n-octyl phthalate	14.639	149	80060	2.484	ng	# 93
88) Benzo(b)fluoranthene	15.080	252	100688	2.017	ng	98

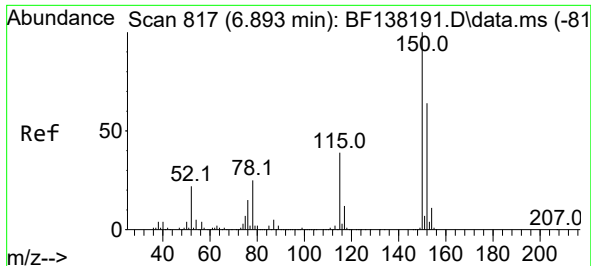
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
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Quant Time: Jun 18 00:55:02 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

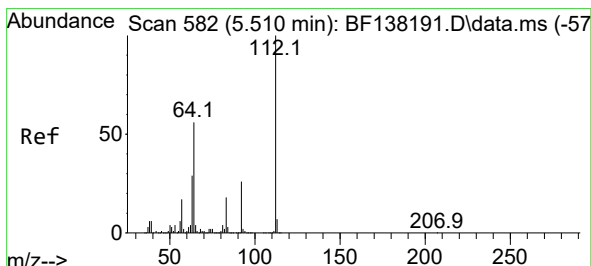
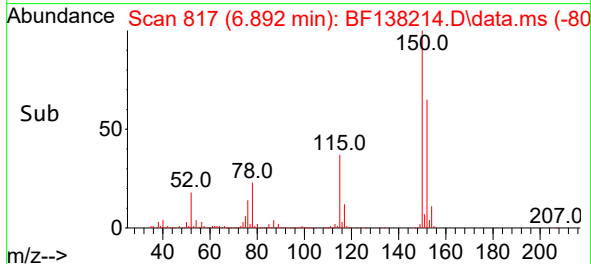
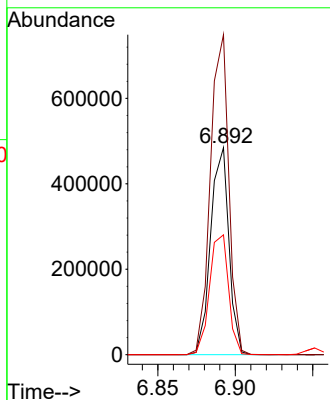
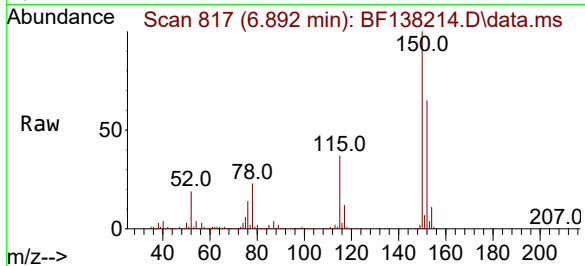




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

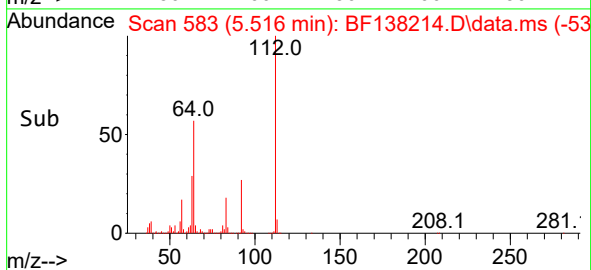
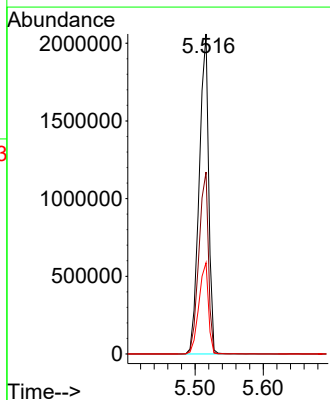
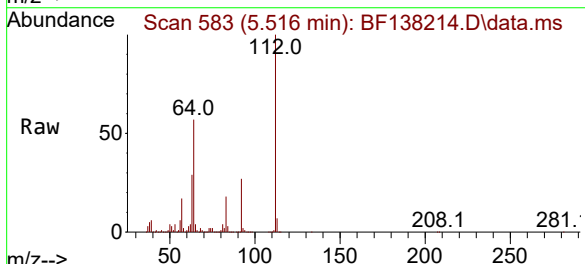
Instrument :
BNA_F
ClientSampleId :
DUP

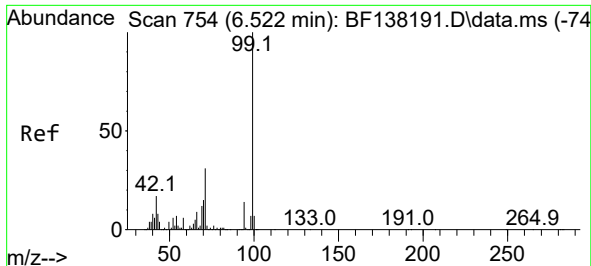
Tgt Ion:152 Resp: 397226
Ion Ratio Lower Upper
152 100
150 154.5 125.0 187.4
115 57.8 48.4 72.6



#5
2-Fluorophenol
Concen: 84.000 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

Tgt Ion:112 Resp: 1994634
Ion Ratio Lower Upper
112 100
64 56.8 45.2 67.8
63 28.5 22.9 34.3

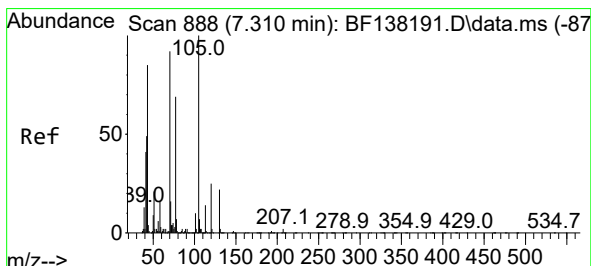
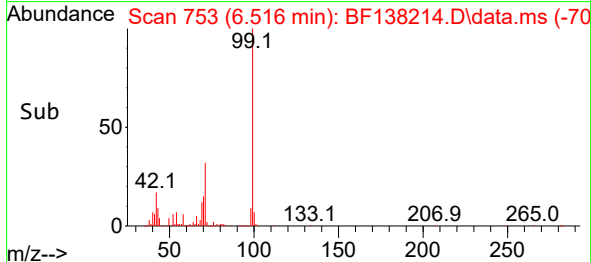
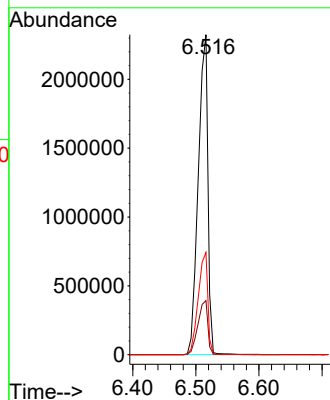
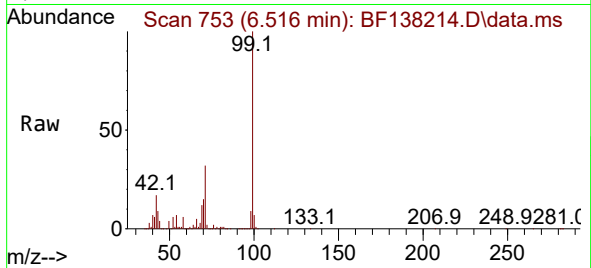




#7
Phenol-d6
Concen: 81.509 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

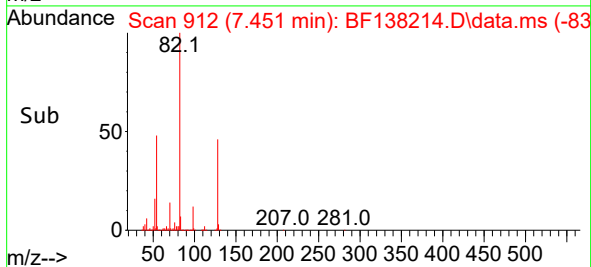
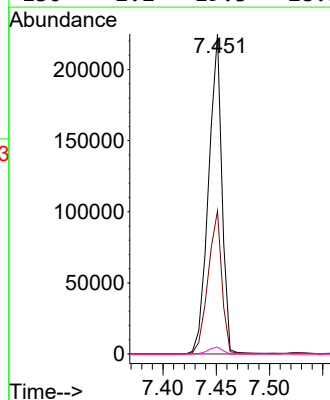
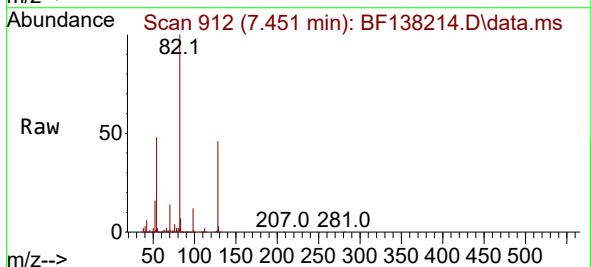
Instrument :
BNA_F
ClientSampleId :
DUP

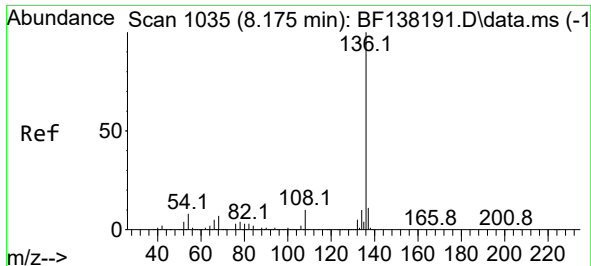
Tgt Ion: 99 Resp: 2454290
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 32.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.037 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

Tgt Ion: 70 Resp: 196998
Ion Ratio Lower Upper
70 100
42 44.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.2 19.3 28.9#

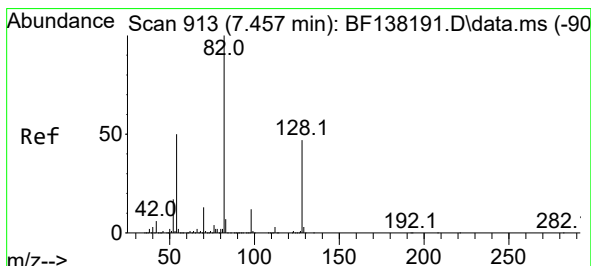
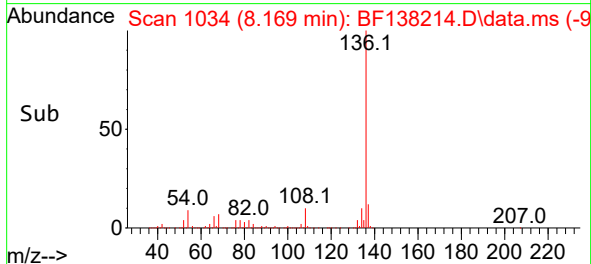
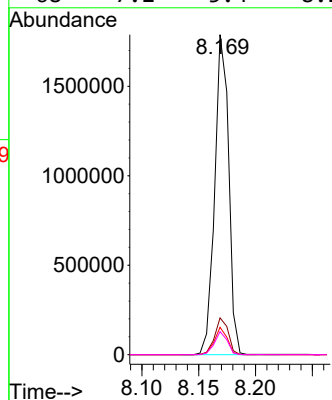
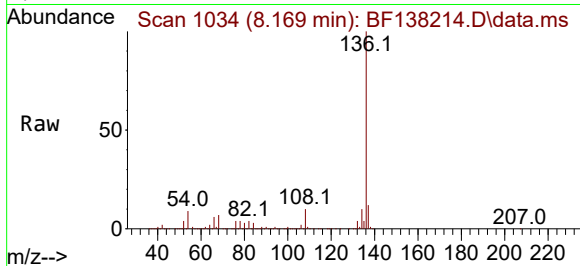




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

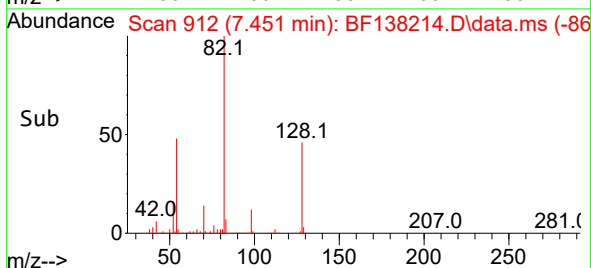
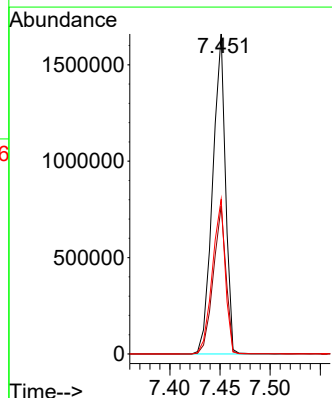
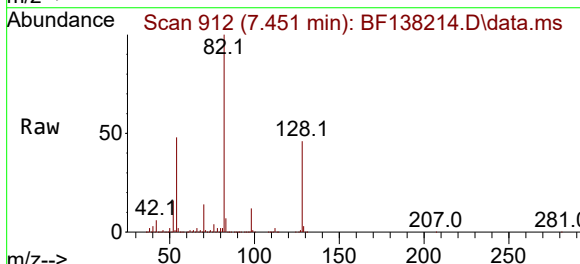
Instrument :
BNA_F
ClientSampleId :
DUP

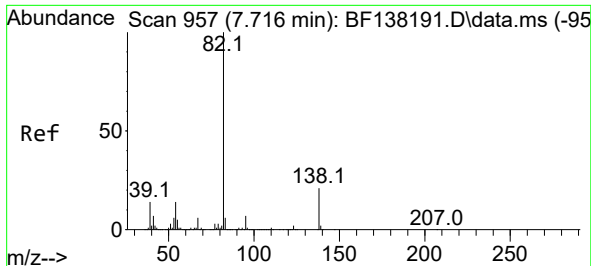
Tgt Ion:136 Resp: 1530916
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.6 6.6 10.0
68 7.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 56.377 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

Tgt Ion: 82 Resp: 1482559
Ion Ratio Lower Upper
82 100
128 46.3 37.2 55.8
54 48.3 39.8 59.6

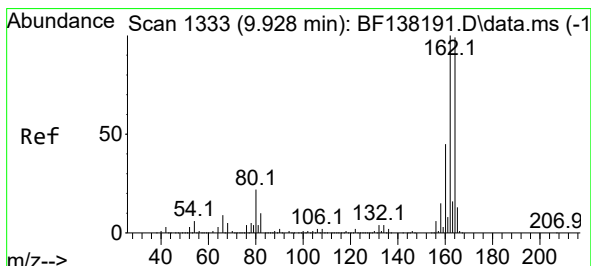
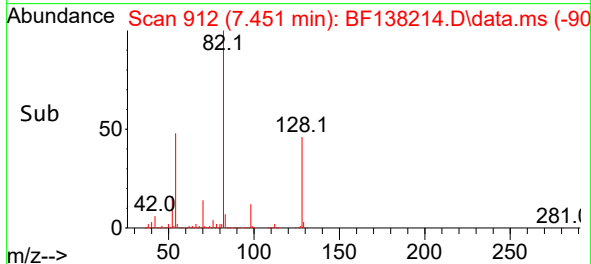
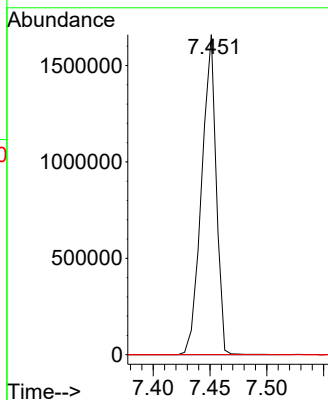
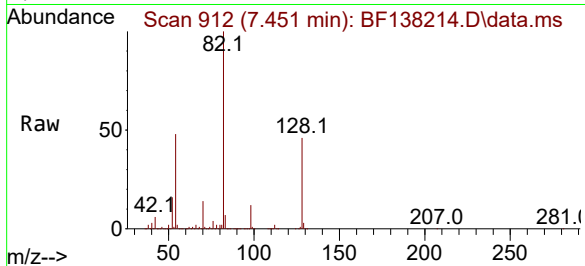




#25
Isophorone
Concen: 31.137 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

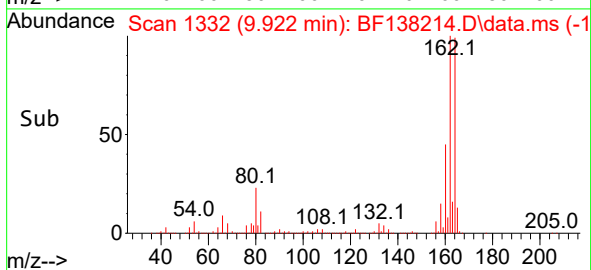
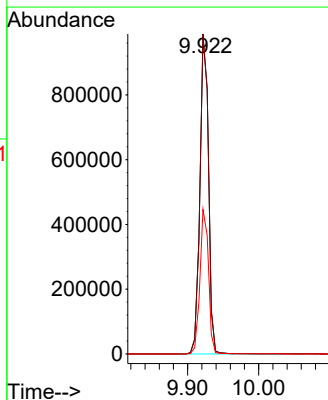
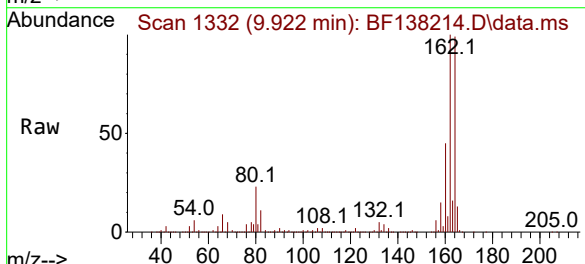
Instrument :
BNA_F
ClientSampleId :
DUP

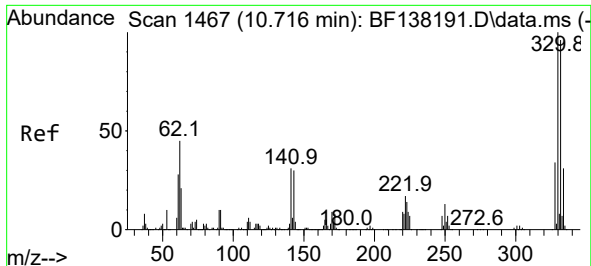
Tgt Ion: 82 Resp: 1481047
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

Tgt Ion:164 Resp: 831124
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.5 36.3 54.5

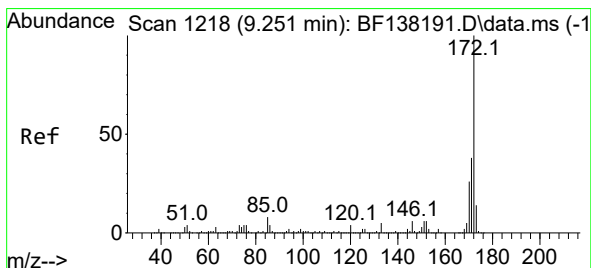
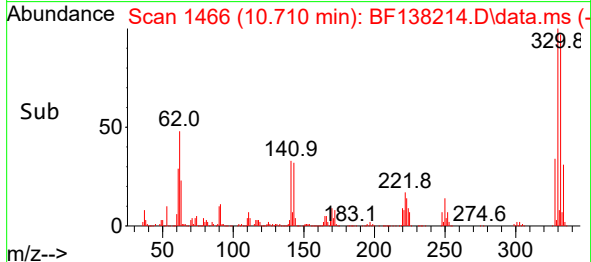
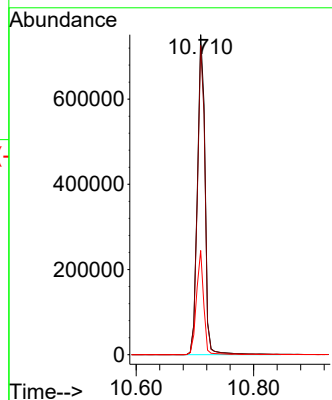
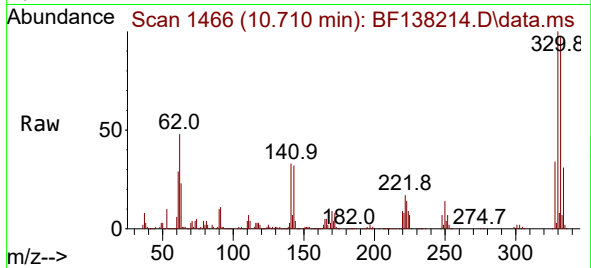




#42
2,4,6-Tribromophenol
Concen: 81.994 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

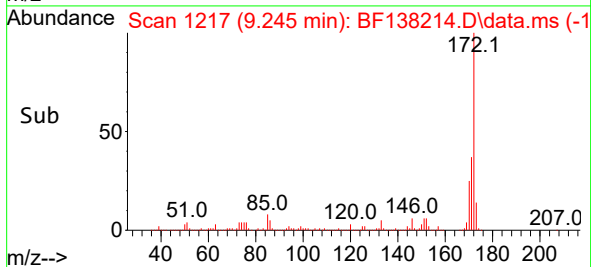
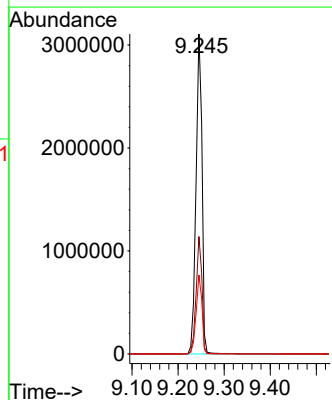
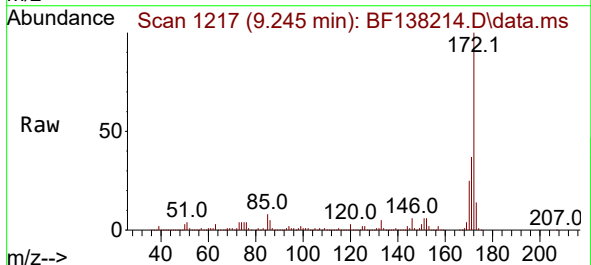
Instrument :
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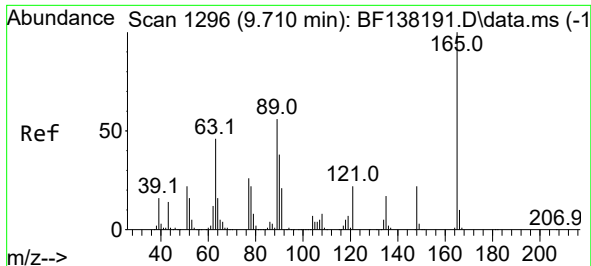
Tgt Ion: 330 Resp: 678420
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 30.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 53.482 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

Tgt Ion: 172 Resp: 2795345
Ion Ratio Lower Upper
172 100
171 36.7 30.3 45.5
170 24.7 20.6 30.8

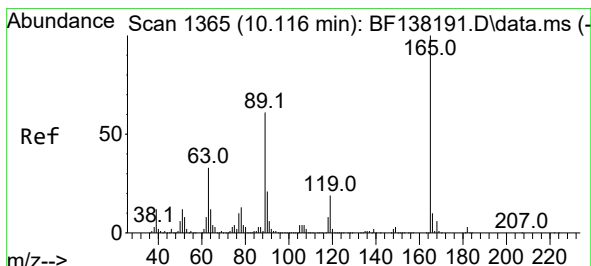
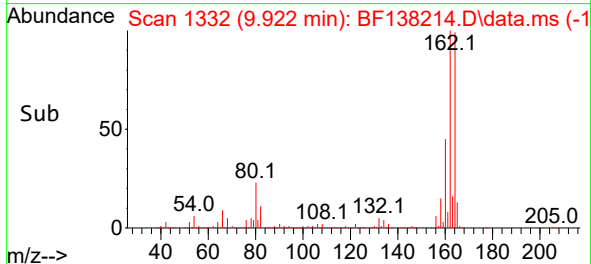
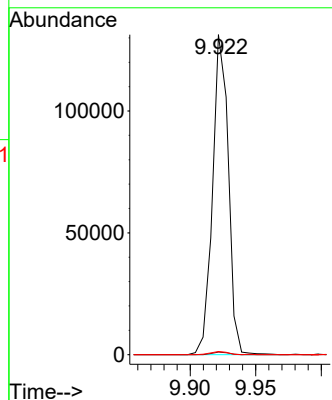
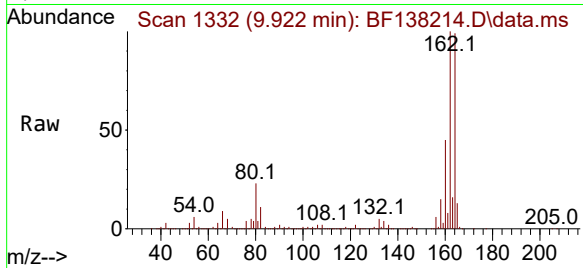




#51
2,6-Dinitrotoluene
Concen: 9.951 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

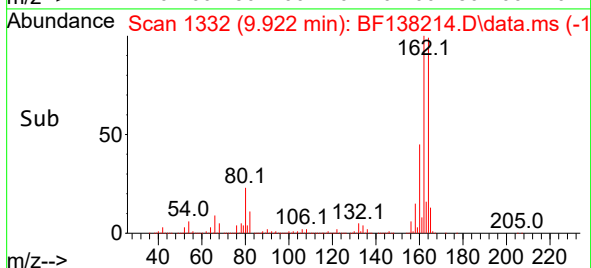
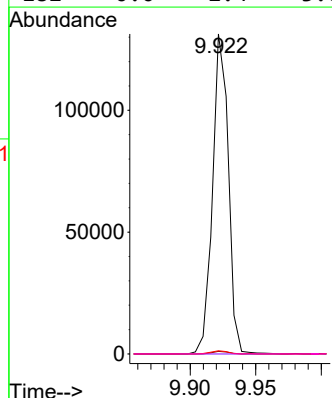
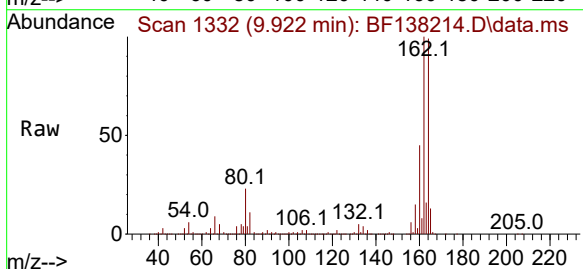
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ClientSampleId :
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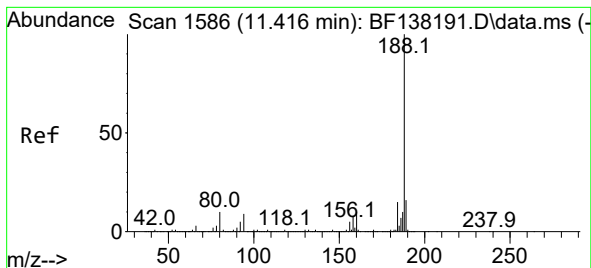
Tgt Ion:165 Resp: 109937
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.068 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

Tgt Ion:165 Resp: 109937
Ion Ratio Lower Upper
165 100
63 0.8 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: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138214.D

Acq: 17 Jun 2024 19:56

Instrument :

BNA_F

ClientSampleId :

DUP

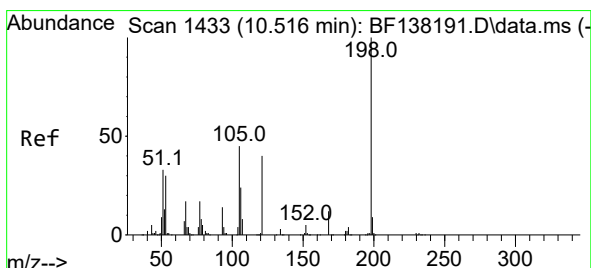
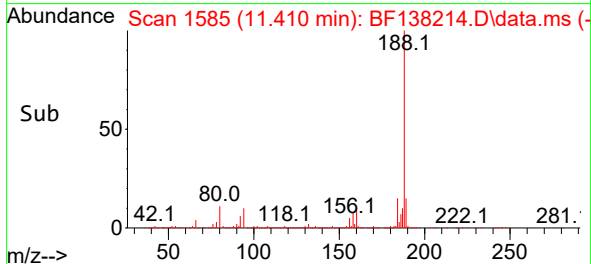
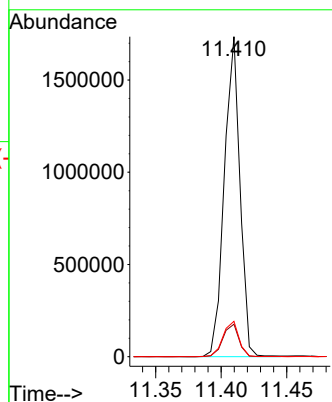
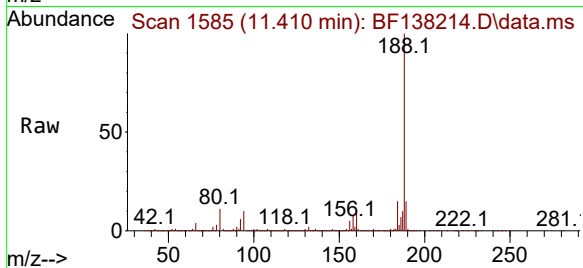
Tgt Ion:188 Resp: 1433868

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.1 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.130 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138214.D

Acq: 17 Jun 2024 19:56

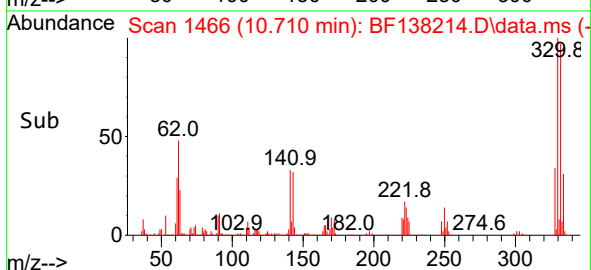
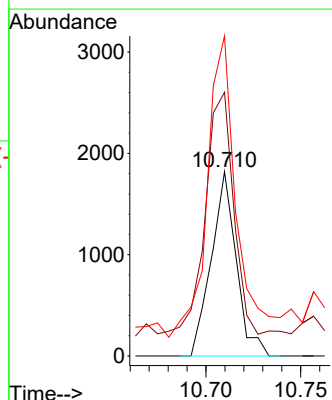
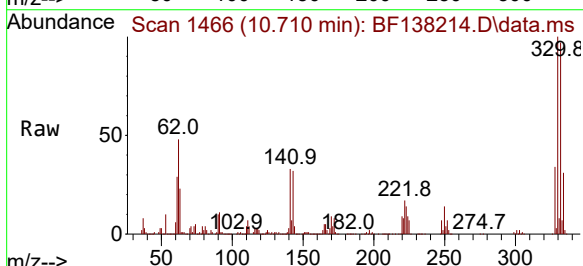
Tgt Ion:198 Resp: 1670

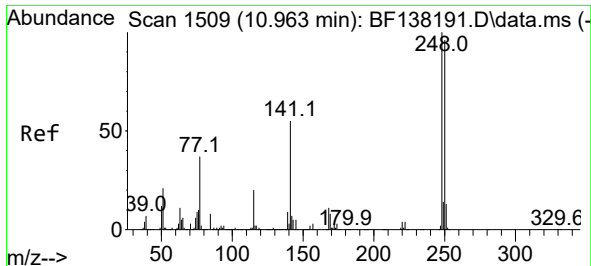
Ion Ratio Lower Upper

198 100

51 143.0 26.9 66.9#

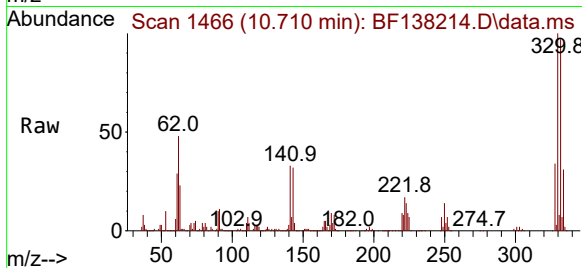
105 173.6 26.0 66.0#



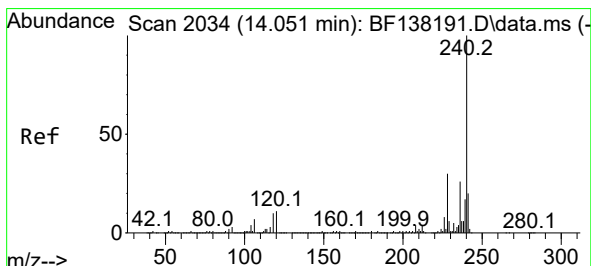
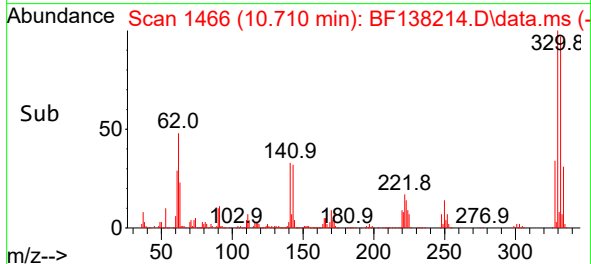
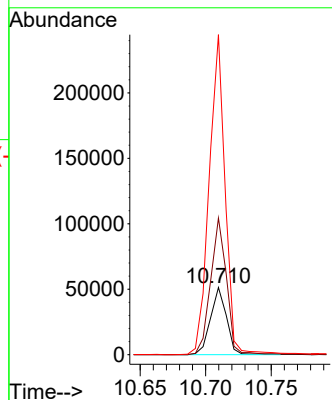


#67
4-Bromophenyl-phenylether
Concen: 2.714 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

Instrument :
BNA_F
ClientSampleId :
DUP

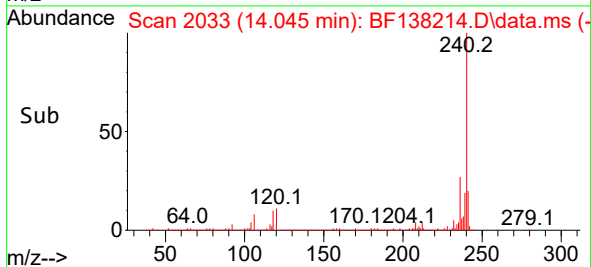
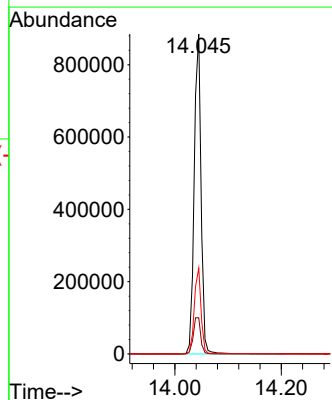
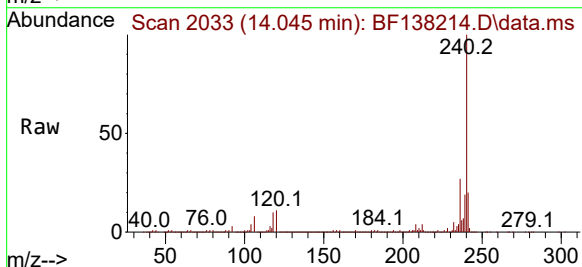


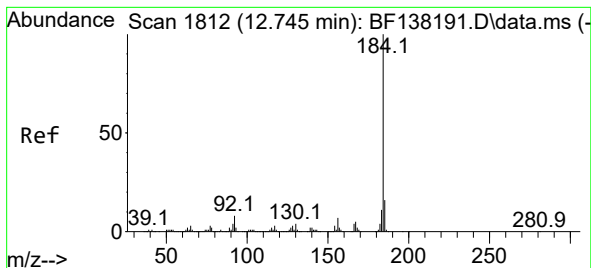
Tgt Ion:248 Resp: 43843
Ion Ratio Lower Upper
248 100
250 203.5 77.2 115.8#
141 476.5 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138214.D
Acq: 17 Jun 2024 19:56

Tgt Ion:240 Resp: 795154
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.8 21.0 31.6





#77

Benzidine

Concen: 4.052 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF138214.D

Acq: 17 Jun 2024 19:56

Instrument :

BNA_F

ClientSampleId :

DUP

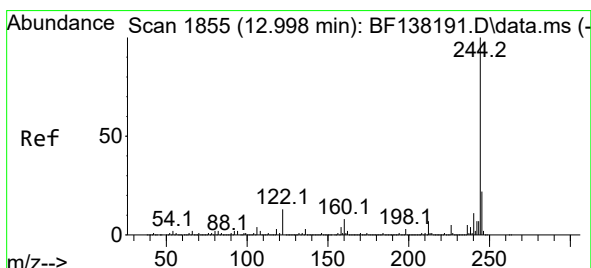
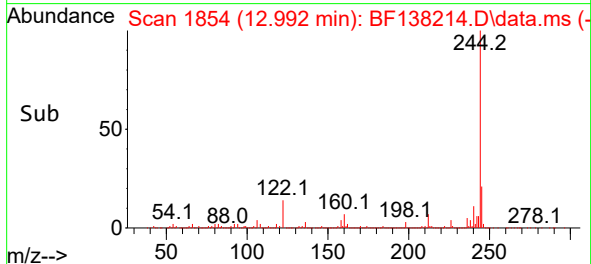
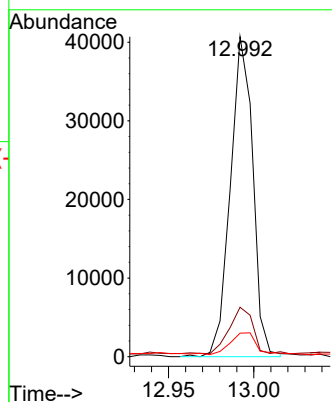
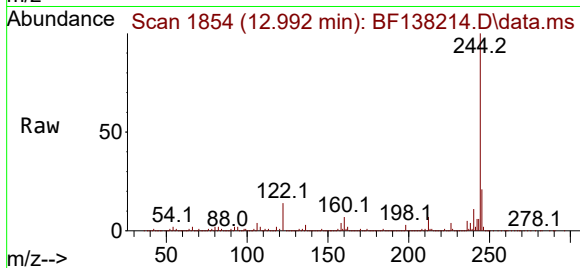
Tgt Ion:184 Resp: 37271

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

183 7.3 9.0 13.6#



#79

Terphenyl-d14

Concen: 56.208 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138214.D

Acq: 17 Jun 2024 19:56

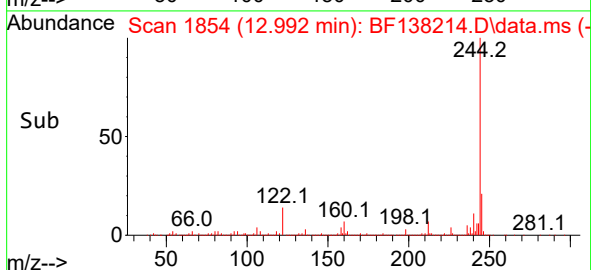
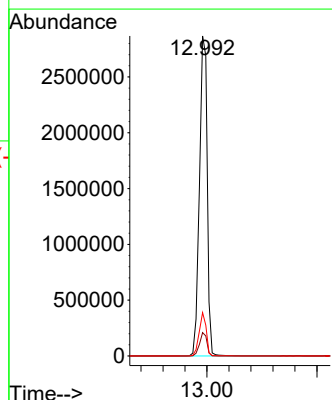
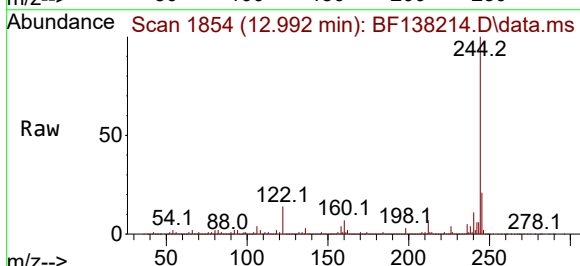
Tgt Ion:244 Resp: 2821916

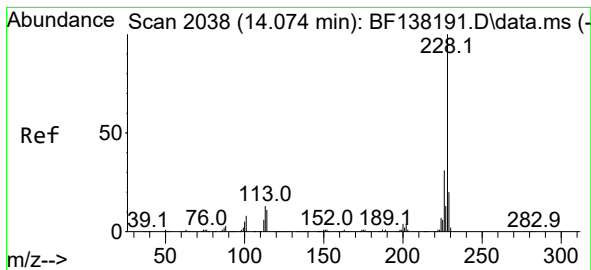
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 13.5 10.6 15.8





#83

Chrysene

Concen: 2.255 ng

RT: 14.068 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF138214.D

Acq: 17 Jun 2024 19:56

Instrument :

BNA_F

ClientSampleId :

DUP

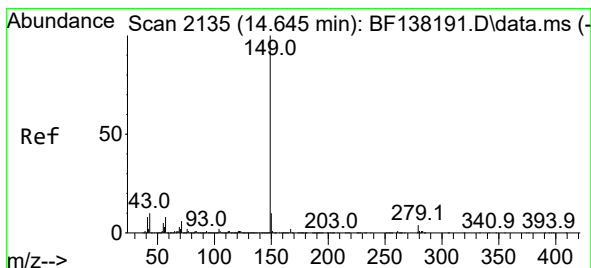
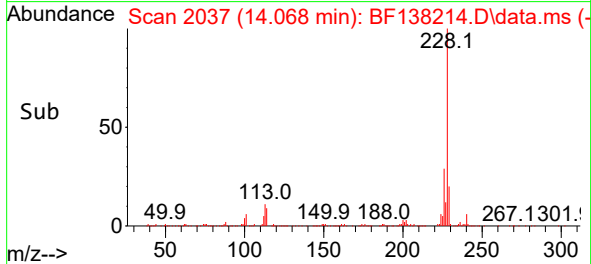
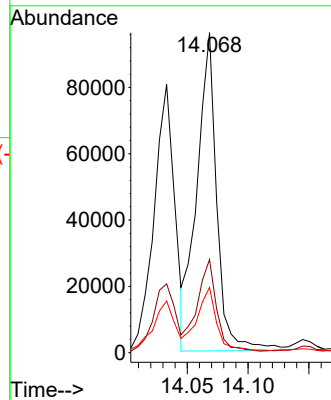
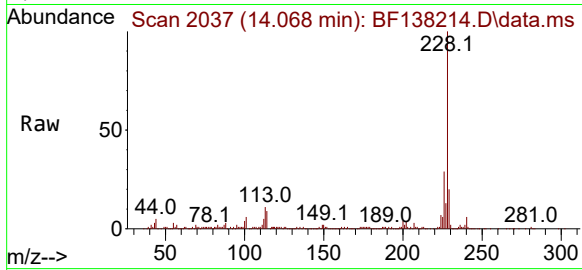
Tgt Ion:228 Resp: 109628

Ion Ratio Lower Upper

228 100

226 29.1 24.5 36.7

229 20.4 16.3 24.5



#85

Di-n-octyl phthalate

Concen: 2.484 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF138214.D

Acq: 17 Jun 2024 19:56

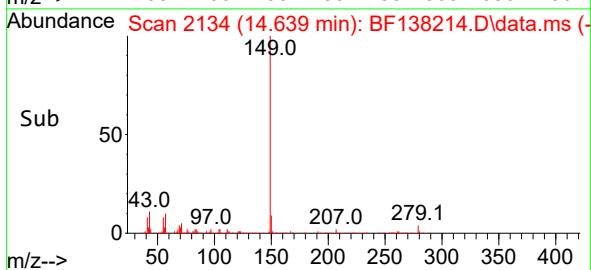
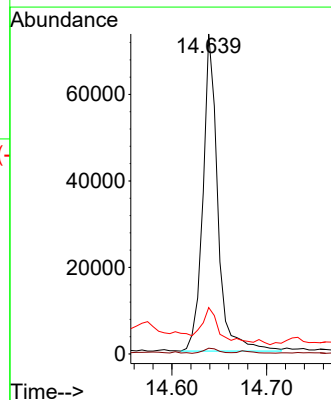
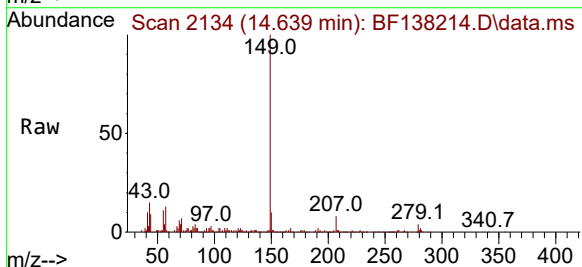
Tgt Ion:149 Resp: 80060

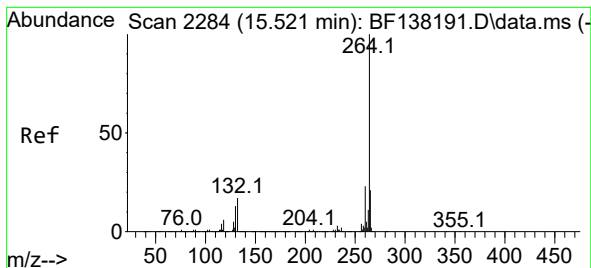
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.7 7.8 11.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138214.D

Acq: 17 Jun 2024 19:56

Instrument :

BNA_F

ClientSampleId :

DUP

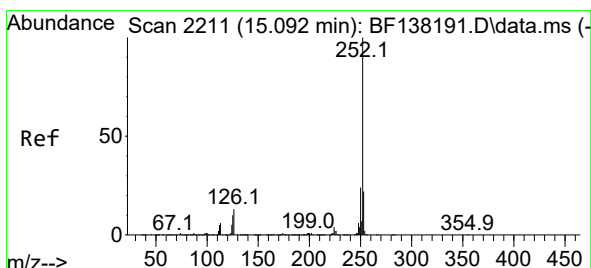
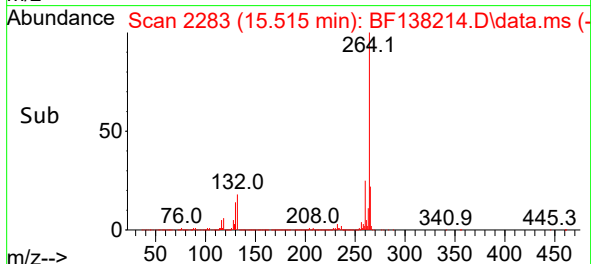
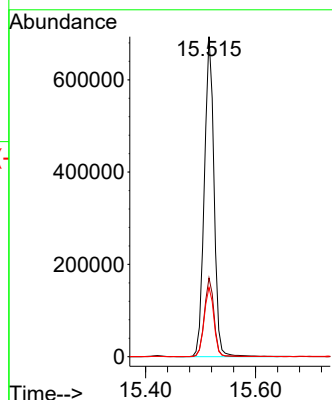
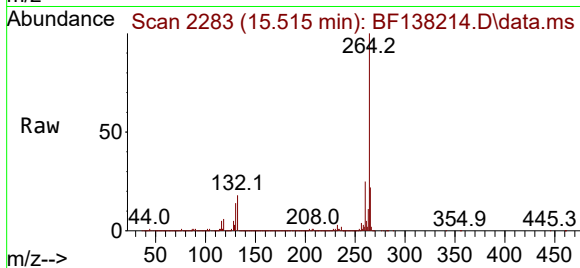
Tgt Ion:264 Resp: 846339

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 21.7 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 2.017 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF138214.D

Acq: 17 Jun 2024 19:56

Tgt Ion:252 Resp: 100688

Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 10.6 7.8 11.8

