

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138302.D
 Acq On : 24 Jun 2024 11:09
 Operator : CG\JU
 Sample : PB161624BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161624BL

Quant Time: Jun 24 11:52:42 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)

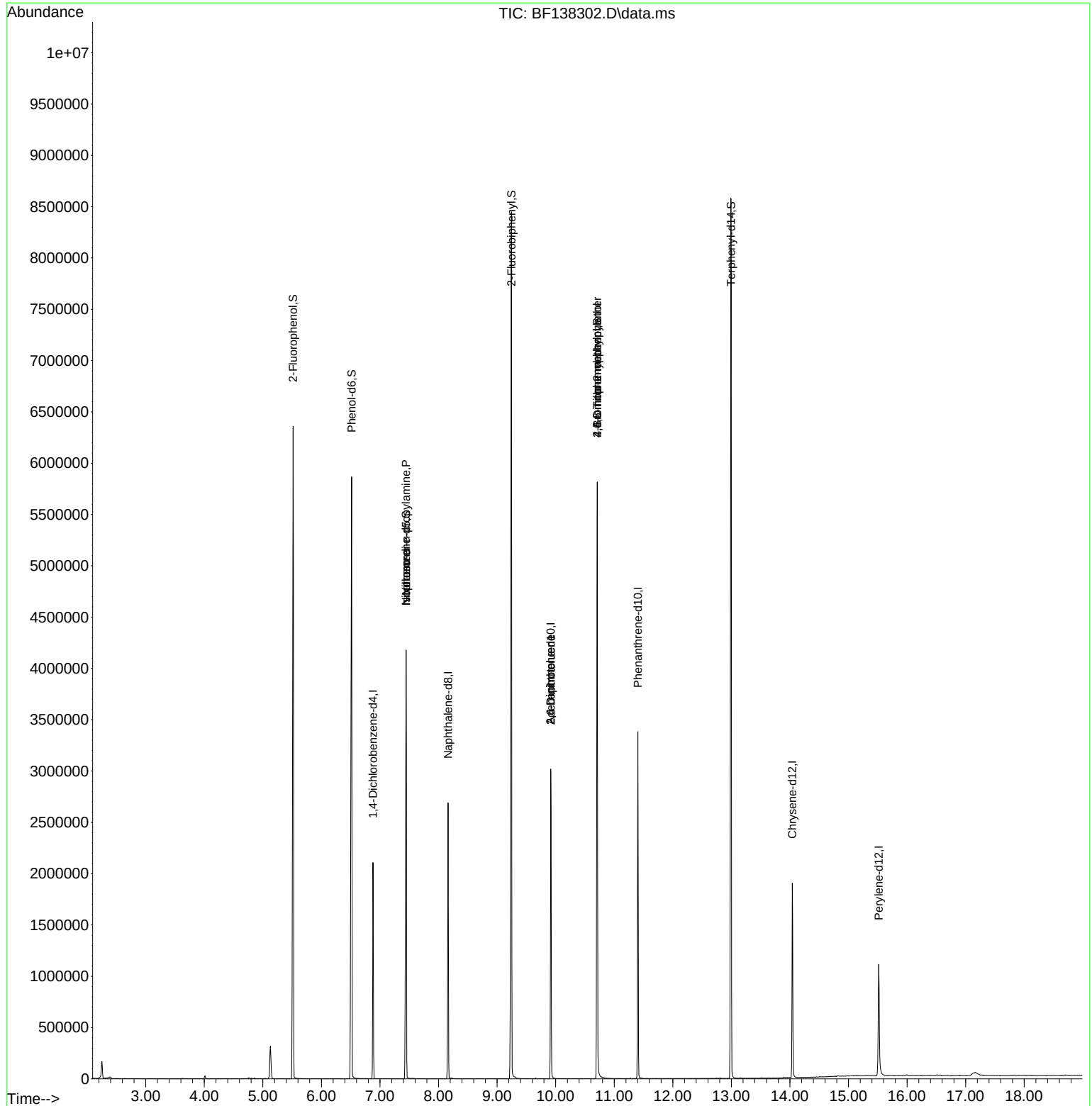
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	293705	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1141826	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	649106	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1149351	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	646592	20.000	ng	-0.01
86) Perylene-d12	15.515	264	591262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2110224	120.190	ng	0.00
7) Phenol-d6	6.516	99	2570221	115.446	ng	0.00
23) Nitrobenzene-d5	7.445	82	1626898	82.948	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	813011	125.814	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3076698	75.371	ng	0.00
79) Terphenyl-d14	12.992	244	3434117	84.119	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	215330	16.317	ng	# 76
25) Isophorone	7.445	82	1620501	45.678	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	84541	9.798	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	84677	7.957	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1701	7.183	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	52391	4.045	ng	# 1

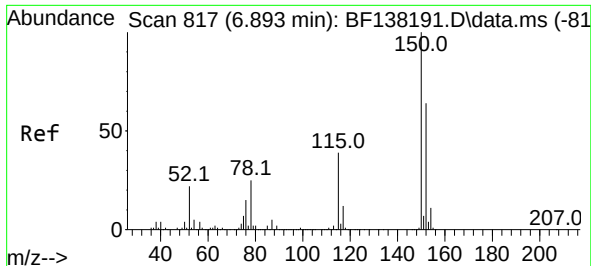
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
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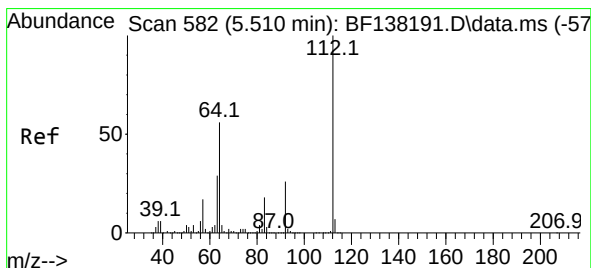
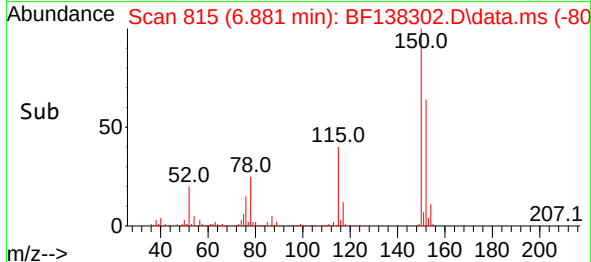
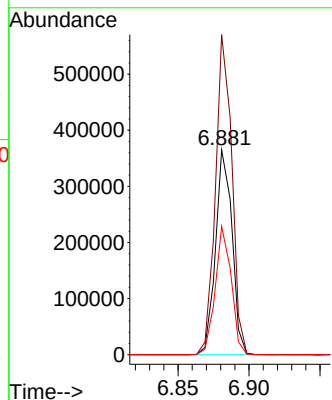
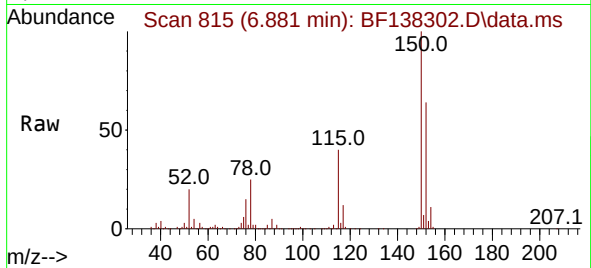




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

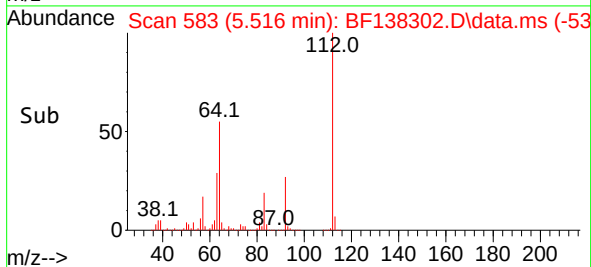
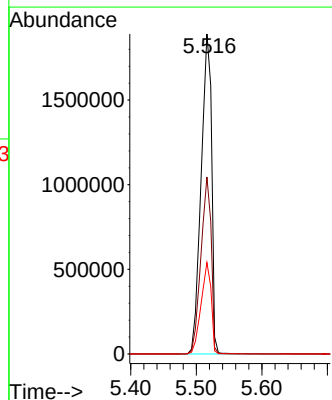
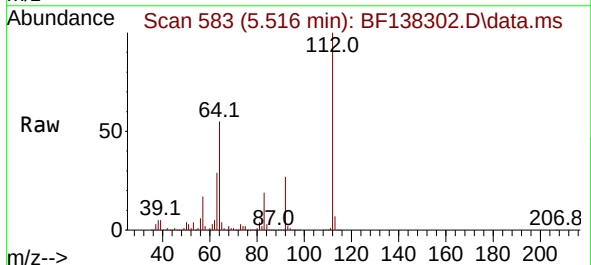
Instrument :
BNA_F
ClientSampleId :
PB161624BL

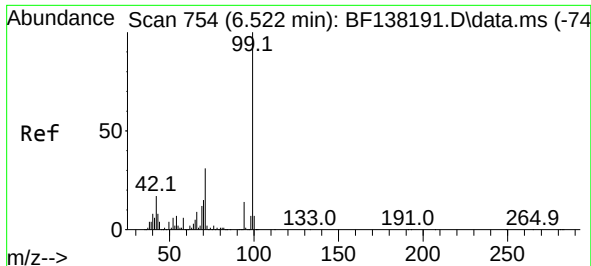
Tgt Ion:152 Resp: 293705
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 62.6 48.4 72.6



#5
2-Fluorophenol
Concen: 120.190 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:112 Resp: 2110224
Ion Ratio Lower Upper
112 100
64 55.3 45.2 67.8
63 28.6 22.9 34.3

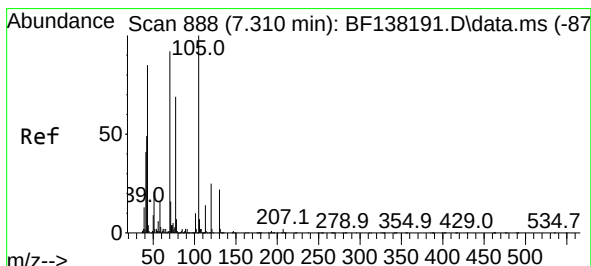
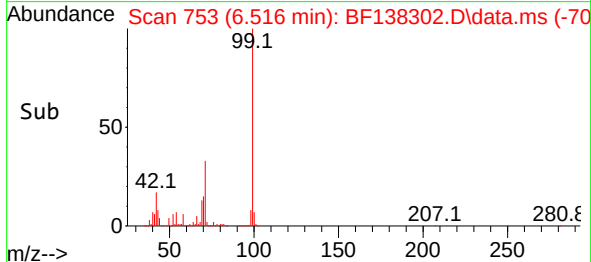
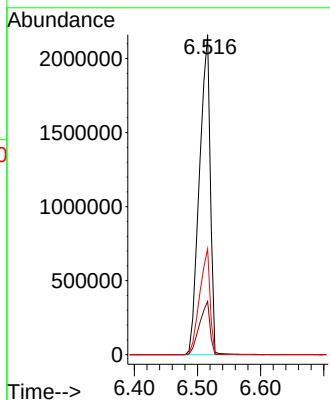
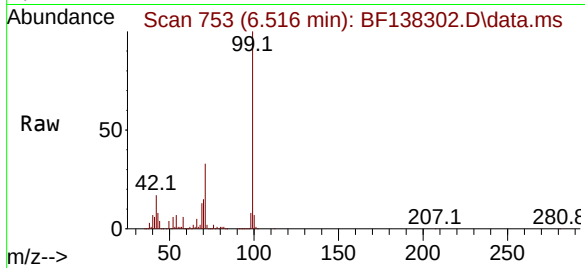




#7
Phenol-d6
Concen: 115.446 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

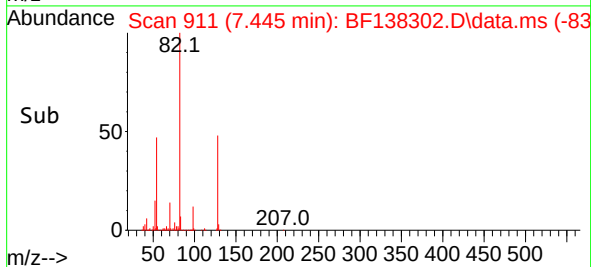
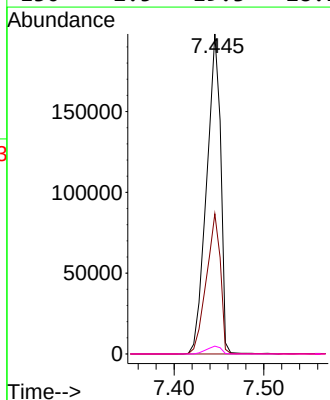
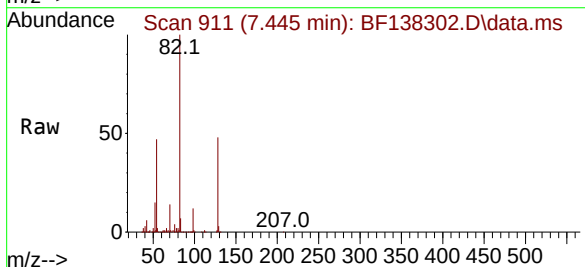
Instrument :
BNA_F
ClientSampleId :
PB161624BL

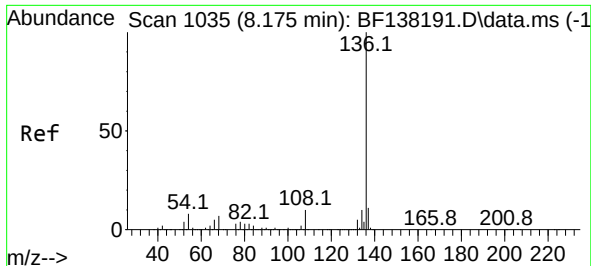
Tgt Ion: 99 Resp: 2570221
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.317 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion: 70 Resp: 215330
Ion Ratio Lower Upper
70 100
42 43.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#

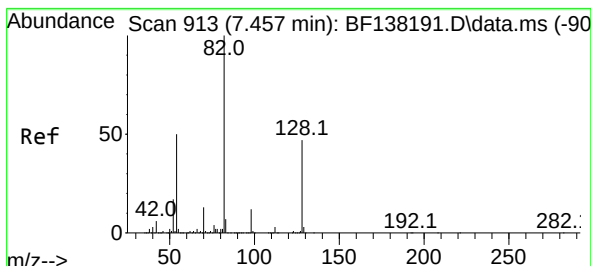
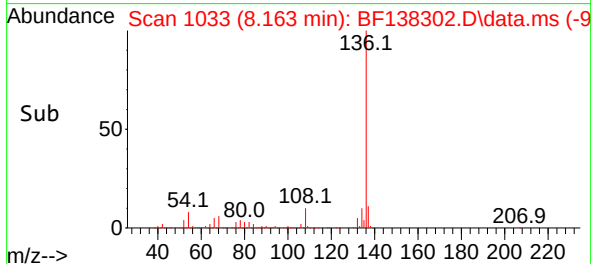
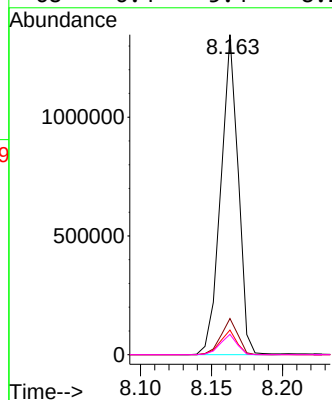
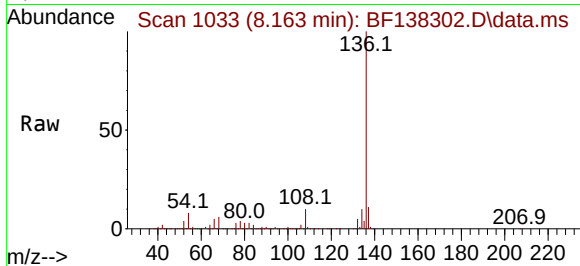




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

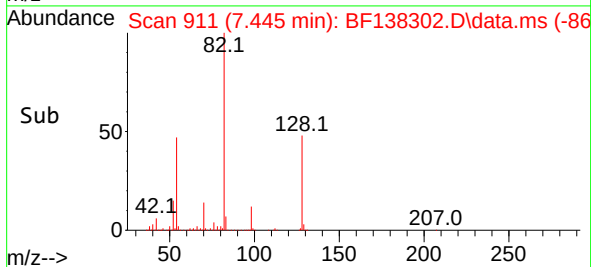
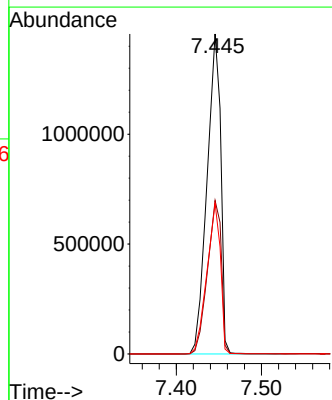
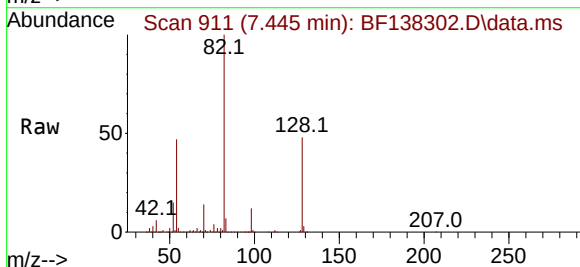
Instrument :
BNA_F
ClientSampleId :
PB161624BL

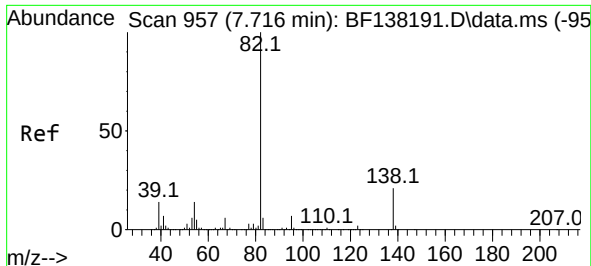
Tgt Ion:136 Resp: 1141826
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 6.6 10.0
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 82.948 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion: 82 Resp: 1626898
Ion Ratio Lower Upper
82 100
128 47.9 37.2 55.8
54 47.1 39.8 59.6

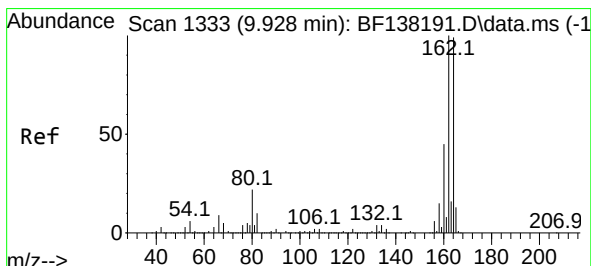
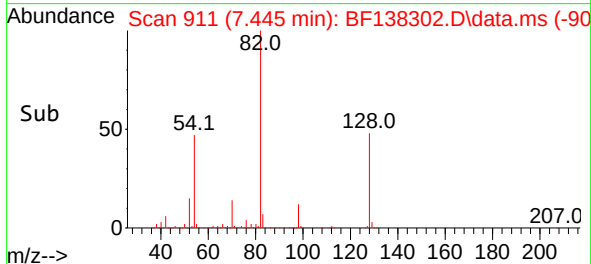
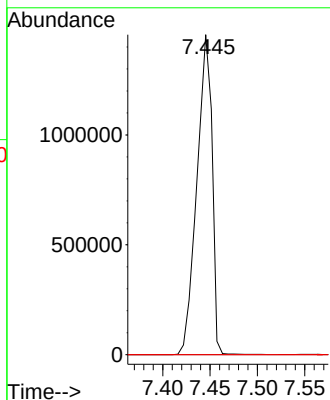
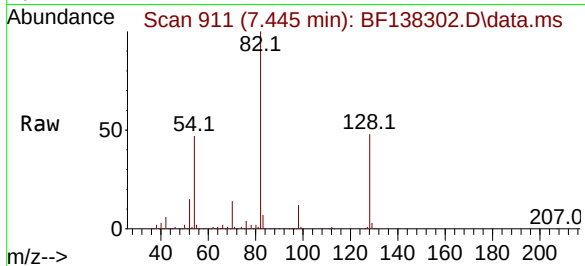




#25
Isophorone
Concen: 45.678 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

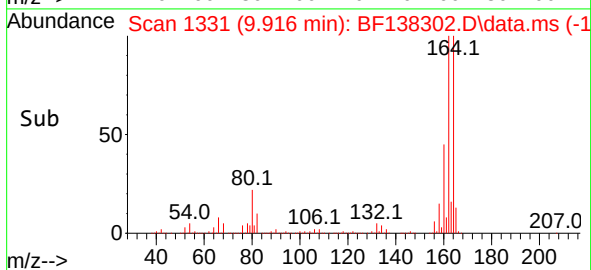
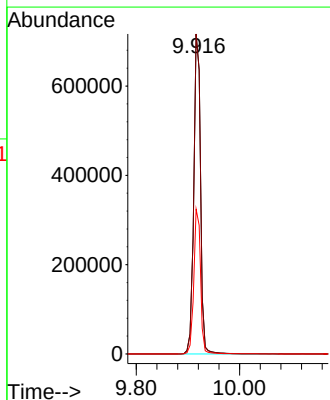
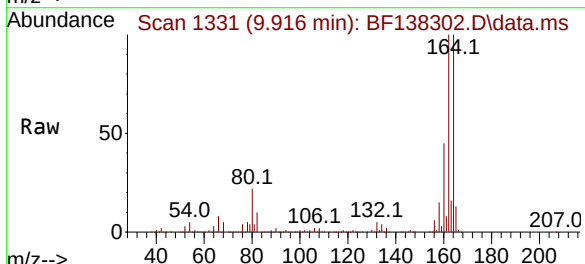
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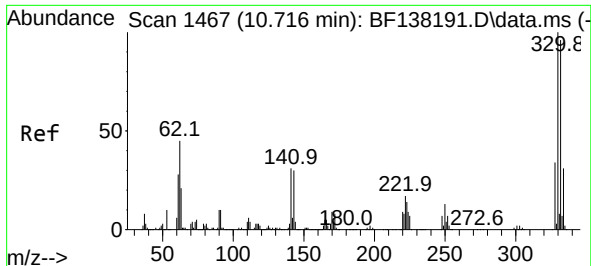
Tgt Ion: 82 Resp: 1620501
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

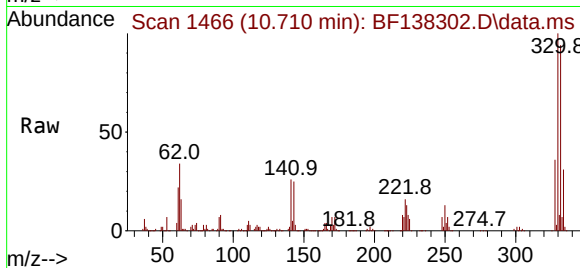
Tgt Ion:164 Resp: 649106
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 45.3 36.3 54.5



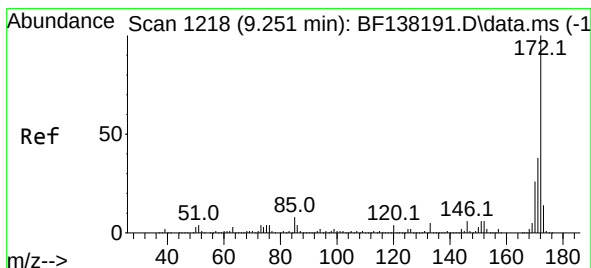
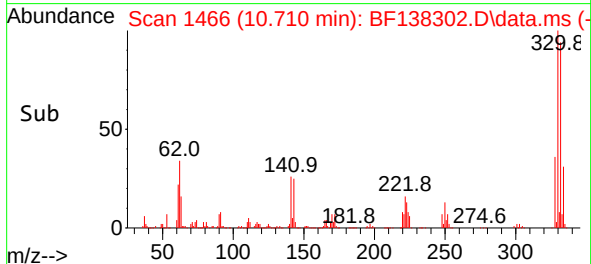
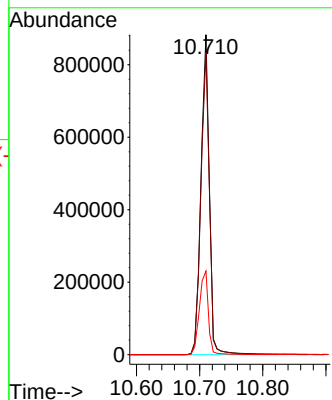


#42
2,4,6-Tribromophenol
Concen: 125.814 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB161624BL

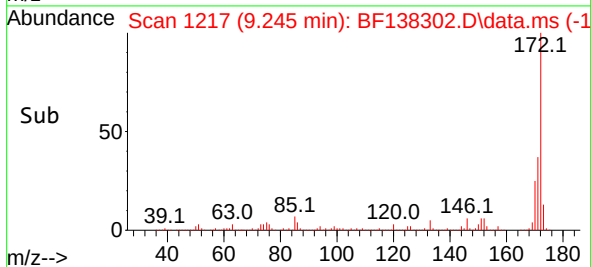
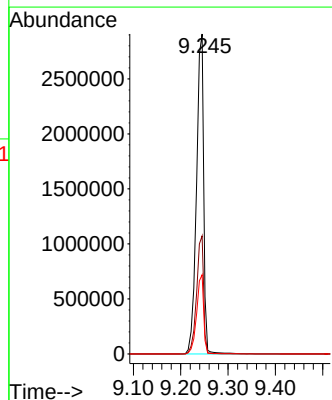
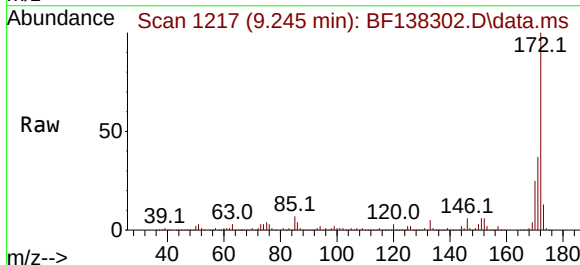


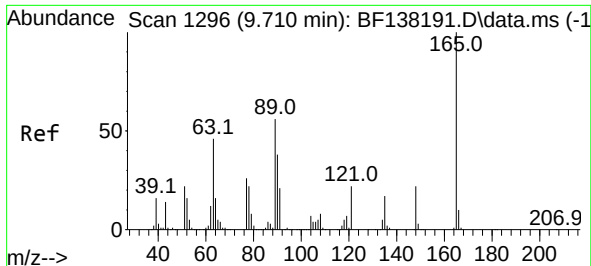
Tgt Ion:330 Resp: 813011
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 27.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 75.371 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:172 Resp: 3076698
Ion Ratio Lower Upper
172 100
171 36.9 30.3 45.5
170 24.8 20.6 30.8

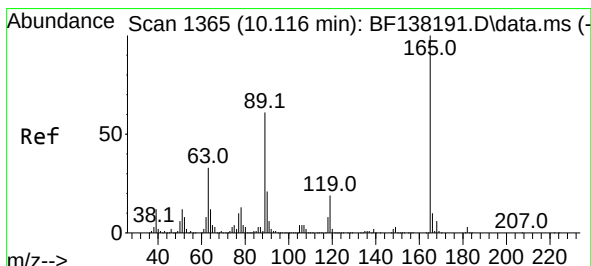
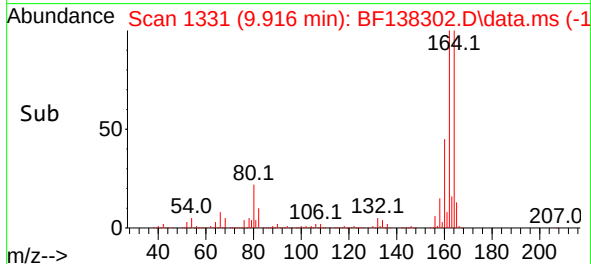
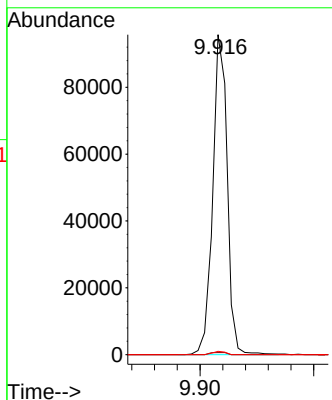
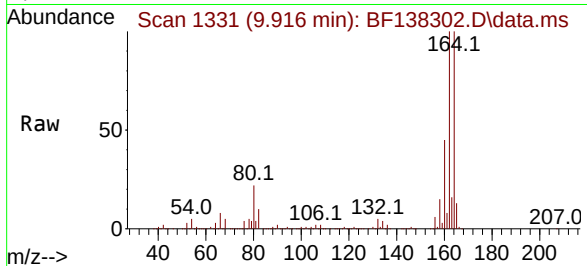




#51
2,6-Dinitrotoluene
Concen: 9.798 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

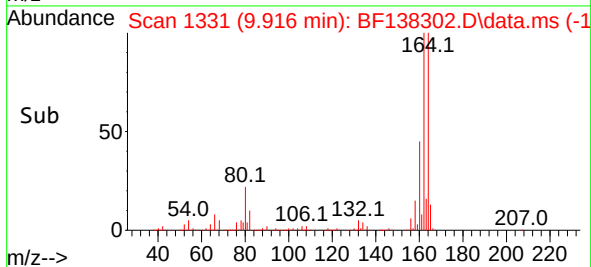
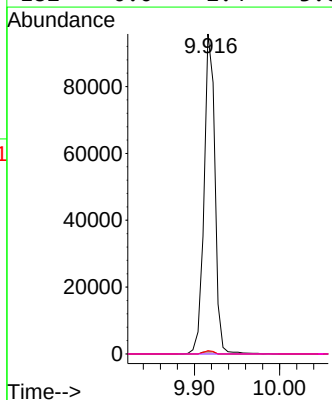
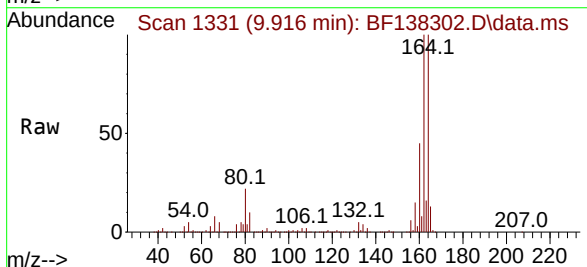
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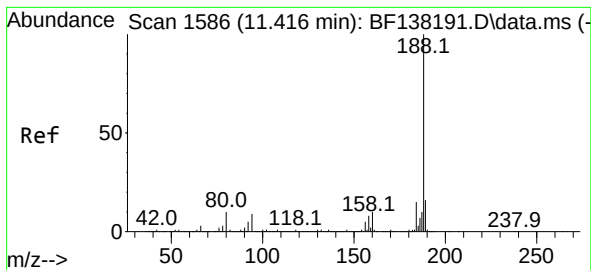
Tgt Ion:165 Resp: 84541
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.957 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:165 Resp: 84677
Ion Ratio Lower Upper
165 100
63 0.7 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#

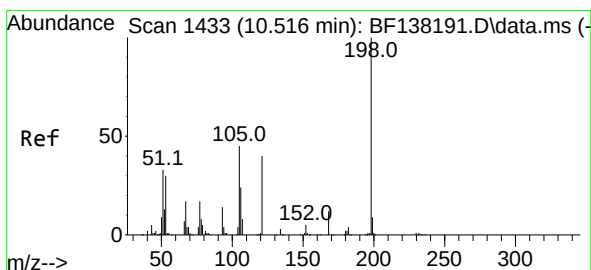
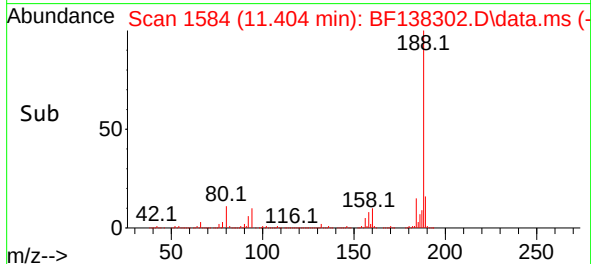
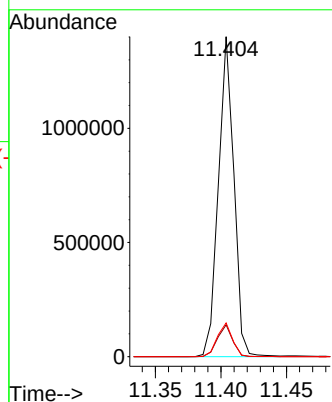
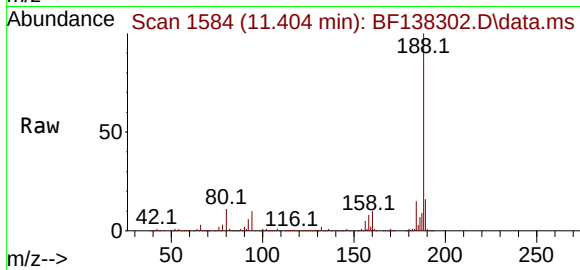




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

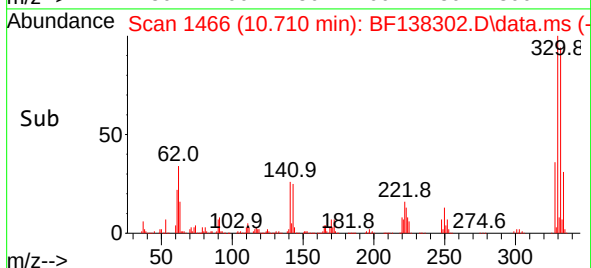
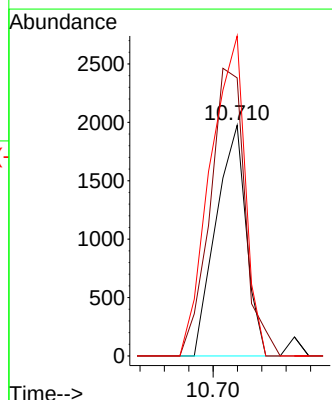
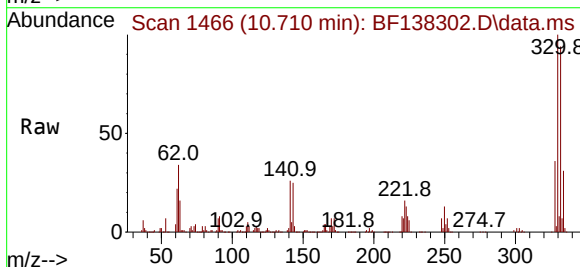
Instrument :
BNA_F
ClientSampleId :
PB161624BL

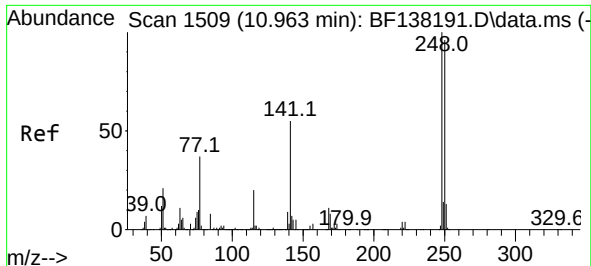
Tgt Ion:188 Resp: 1149351
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 10.6 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.183 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:198 Resp: 1701
Ion Ratio Lower Upper
198 100
51 120.5 26.9 66.9#
105 138.7 26.0 66.0#

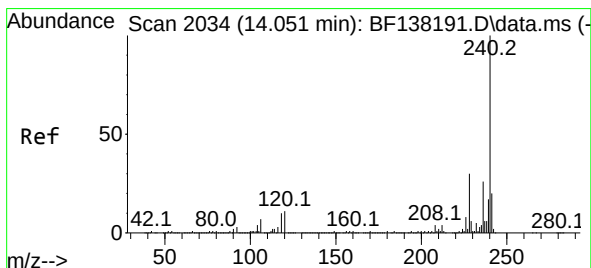
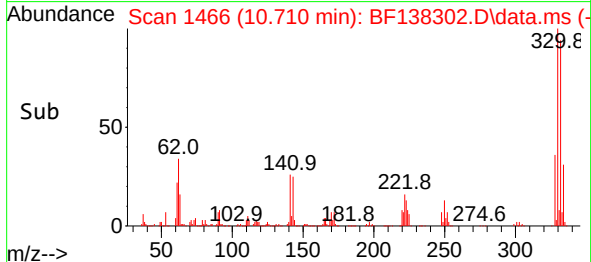
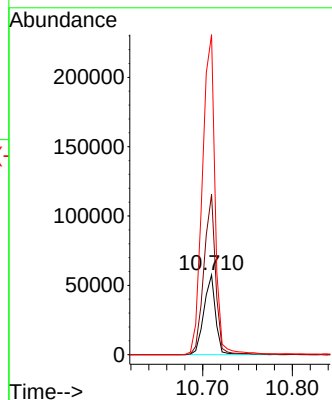
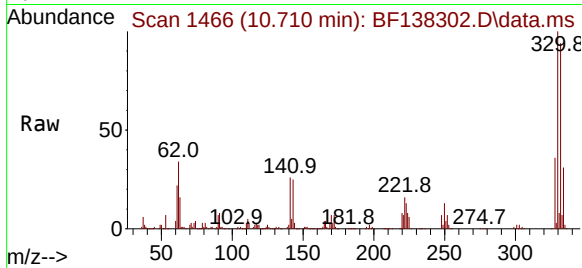




#67
4-Bromophenyl-phenylether
Concen: 4.045 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

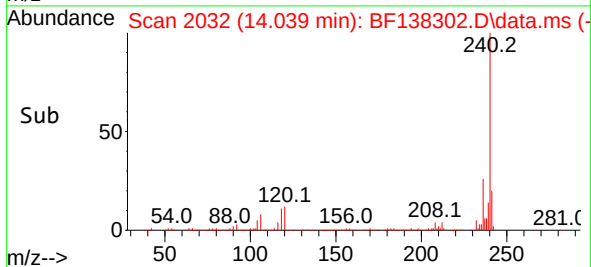
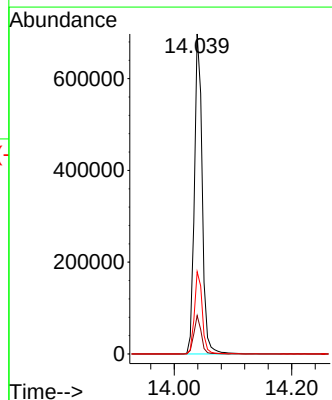
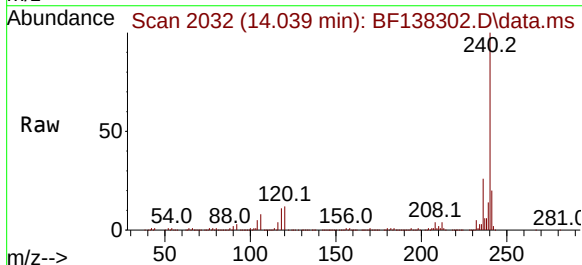
Instrument :
BNA_F
ClientSampleId :
PB161624BL

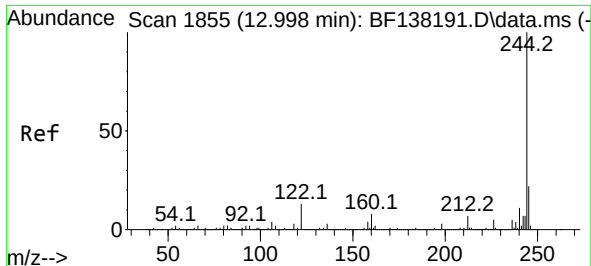
Tgt Ion:248 Resp: 52391
Ion Ratio Lower Upper
248 100
250 201.3 77.2 115.8#
141 401.6 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:240 Resp: 646592
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.7 21.0 31.6

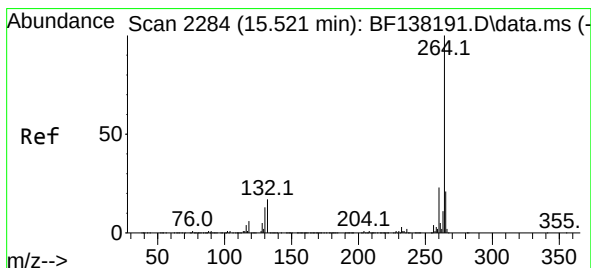
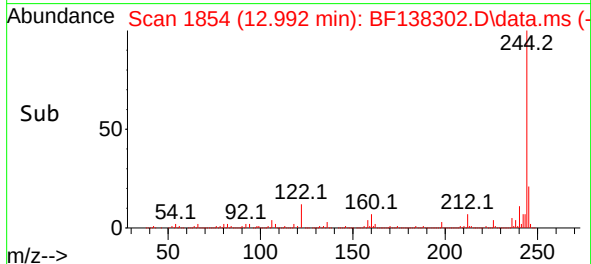
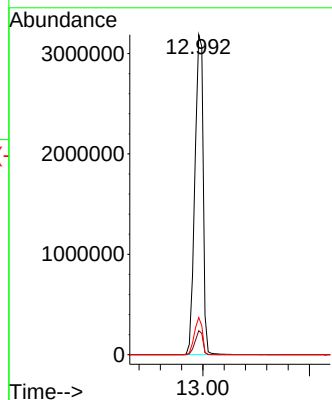
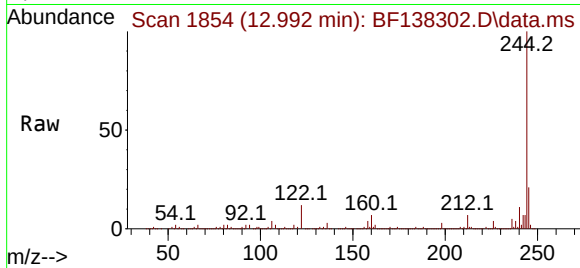




#79
 Terphenyl-d14
 Concen: 84.119 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138302.D
 Acq: 24 Jun 2024 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB161624BL

Tgt Ion:244 Resp: 3434117
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.6 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138302.D
 Acq: 24 Jun 2024 11:09

Tgt Ion:264 Resp: 591262
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.8 17.0 25.6

