

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138303.D
 Acq On : 24 Jun 2024 11:38
 Operator : CG\JU
 Sample : PB161566TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161566TB

Quant Time: Jun 24 12:19:11 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)

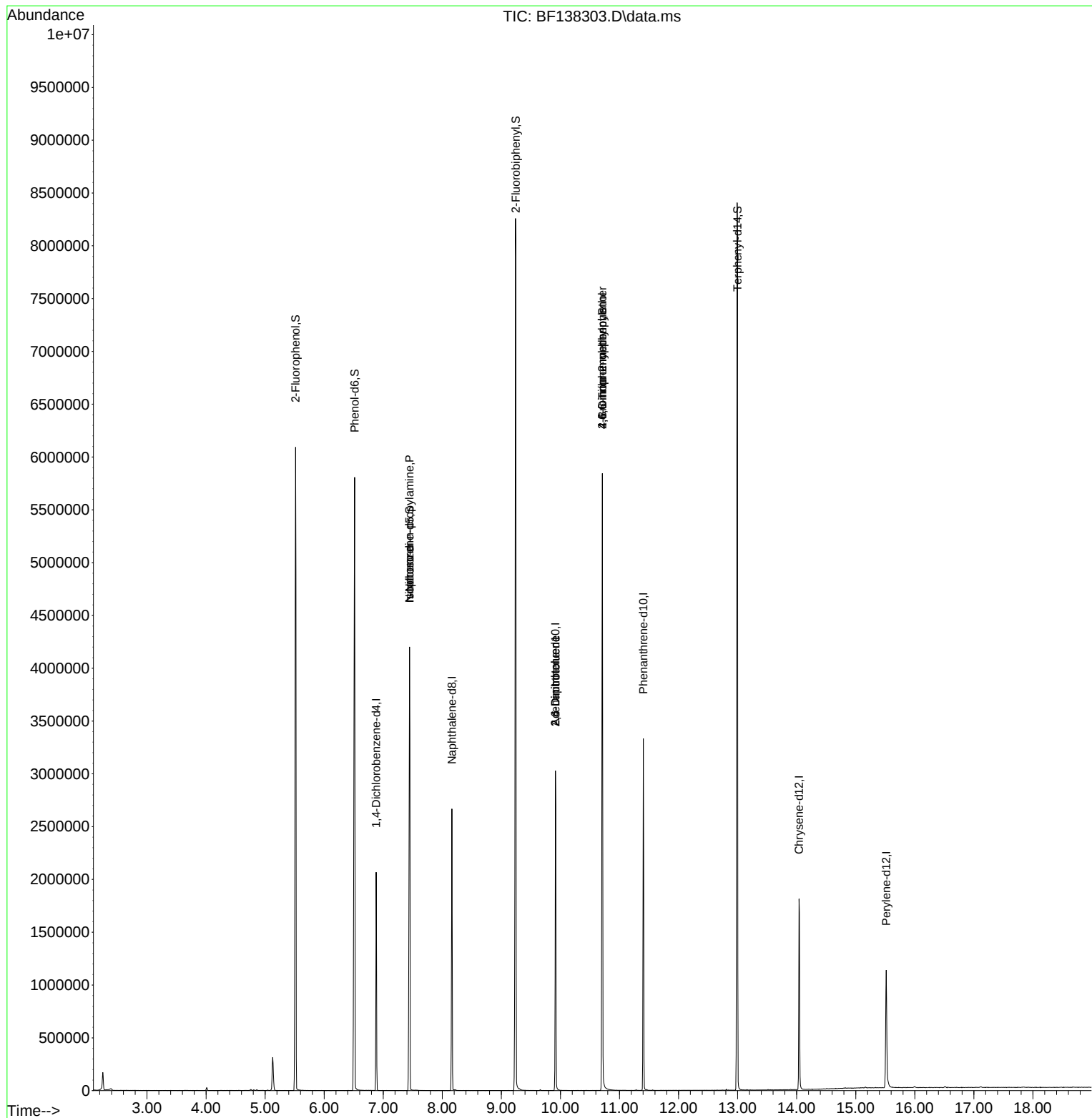
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	294216	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1147120	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	656036	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1162594	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	655524	20.000	ng	-0.01
86) Perylene-d12	15.515	264	597240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2100668	119.438	ng	0.00
7) Phenol-d6	6.516	99	2554046	114.520	ng	0.00
23) Nitrobenzene-d5	7.445	82	1630644	82.755	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	818879	125.384	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3080656	74.671	ng	0.00
79) Terphenyl-d14	12.998	244	3482435	84.140	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	215471	16.299	ng	# 76
25) Isophorone	7.445	82	1623940	45.563	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	85003	9.748	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	85004	7.903	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1657	7.174	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	52117	3.978	ng	# 1

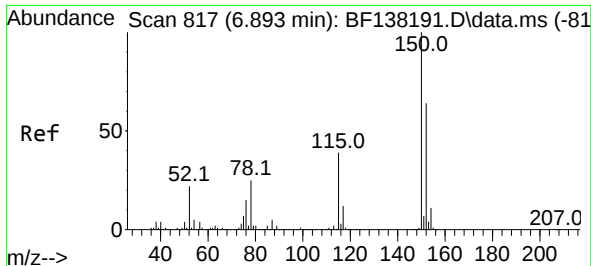
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 13 01:52:47 2024
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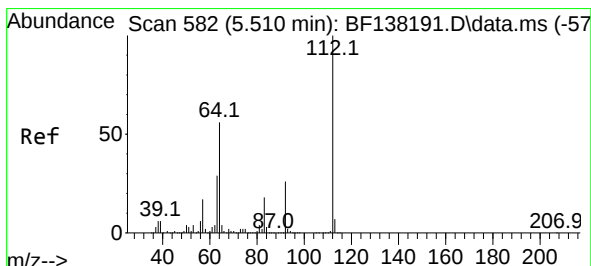
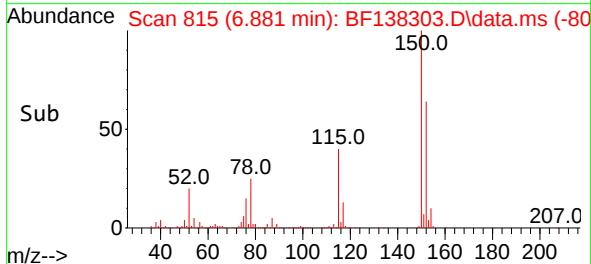
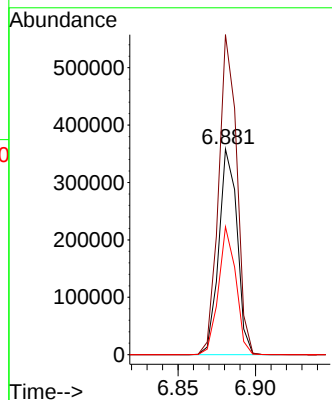
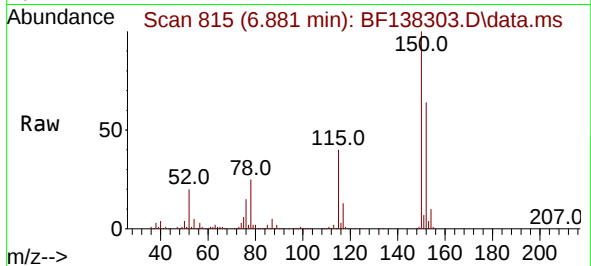




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

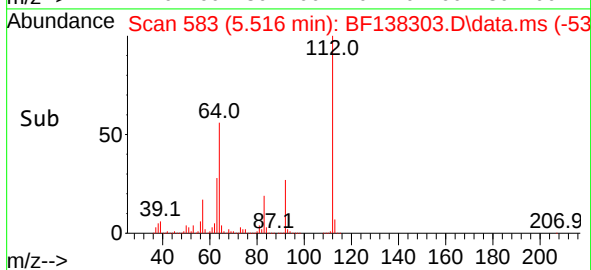
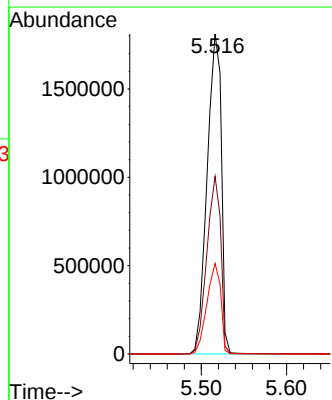
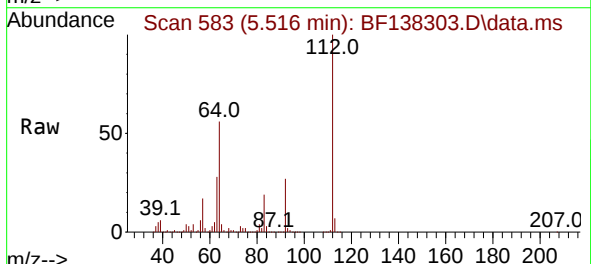
Instrument :
BNA_F
ClientSampleId :
PB161566TB

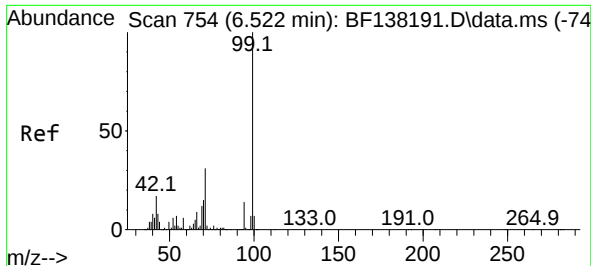
Tgt Ion:152 Resp: 294216
Ion Ratio Lower Upper
152 100
150 155.7 125.0 187.4
115 62.2 48.4 72.6



#5
2-Fluorophenol
Concen: 119.438 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

Tgt Ion:112 Resp: 2100668
Ion Ratio Lower Upper
112 100
64 55.5 45.2 67.8
63 28.3 22.9 34.3

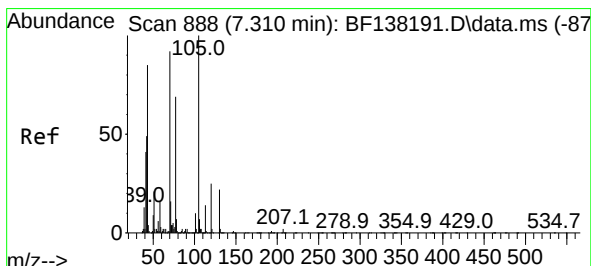
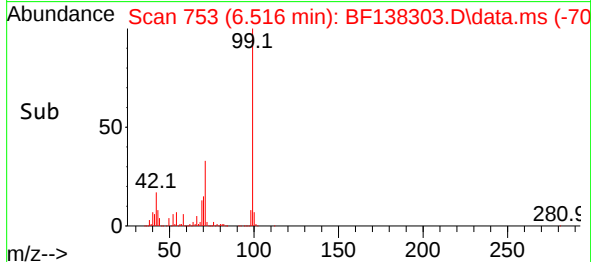
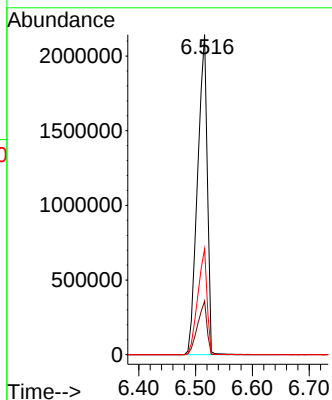
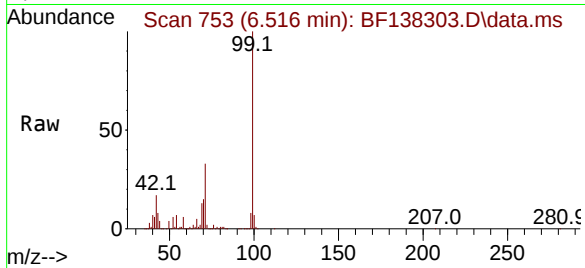




#7
Phenol-d6
Concen: 114.520 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

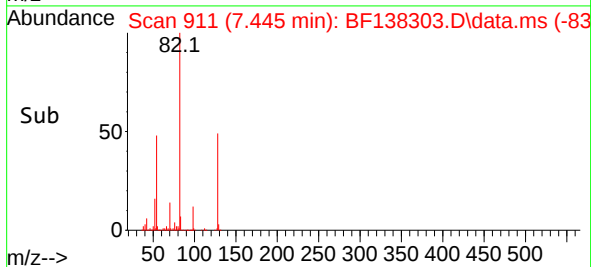
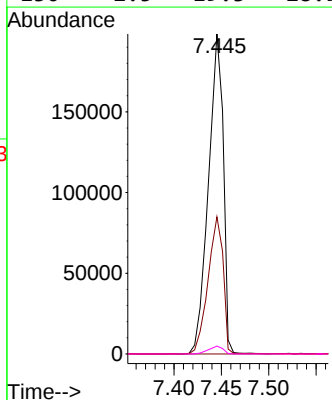
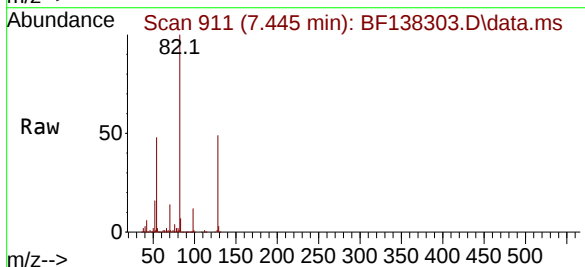
Instrument :
BNA_F
ClientSampleId :
PB161566TB

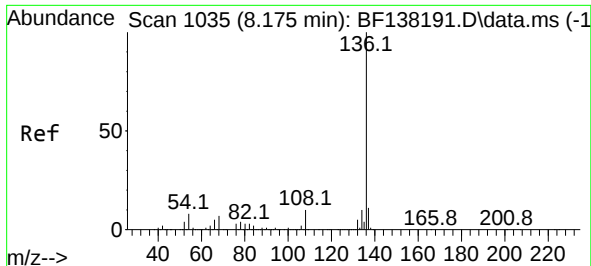
Tgt Ion: 99 Resp: 2554046
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.299 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

Tgt Ion: 70 Resp: 215471
Ion Ratio Lower Upper
70 100
42 42.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#

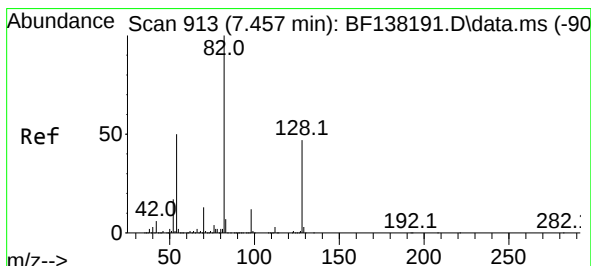
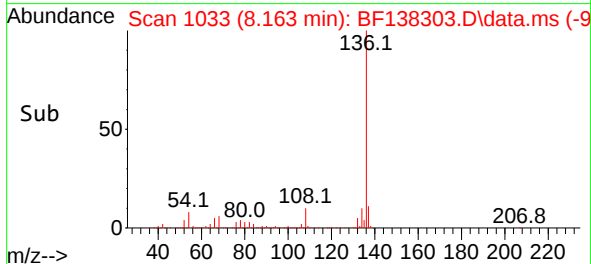
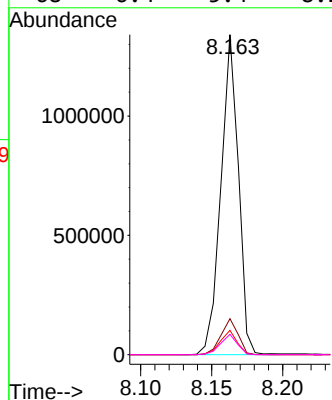
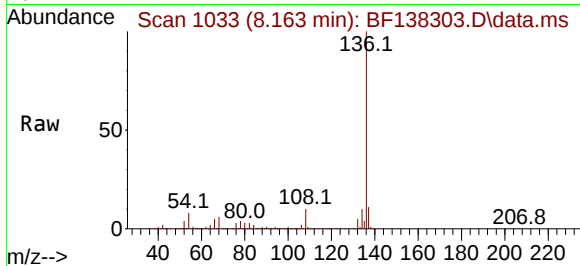




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

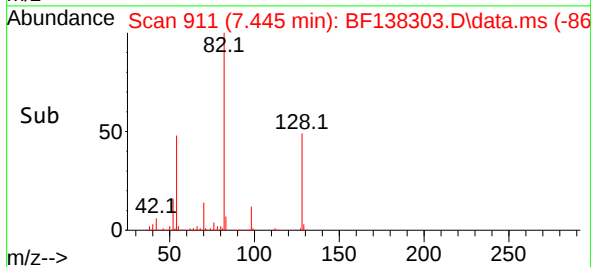
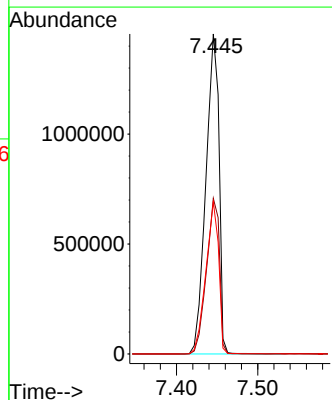
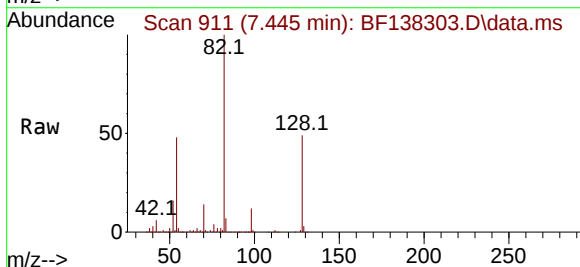
Instrument :
BNA_F
ClientSampleId :
PB161566TB

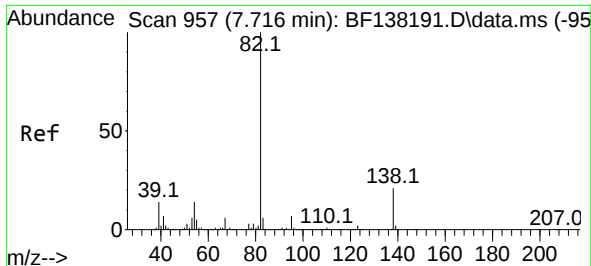
Tgt Ion:136 Resp: 1147120
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.6 6.6 10.0
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 82.755 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

Tgt Ion: 82 Resp: 1630644
Ion Ratio Lower Upper
82 100
128 48.7 37.2 55.8
54 47.6 39.8 59.6

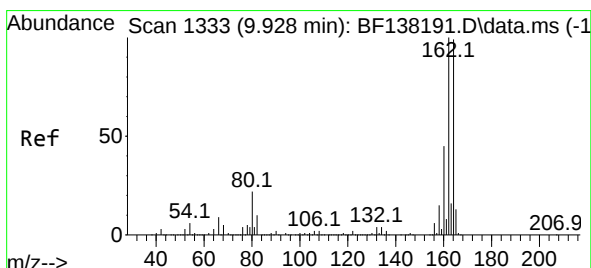
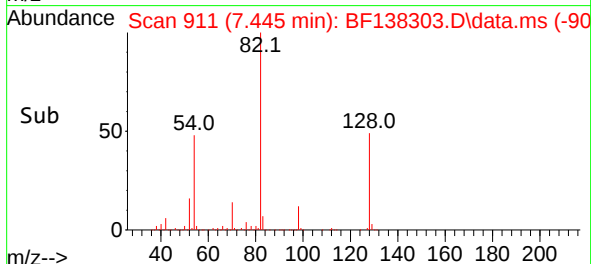
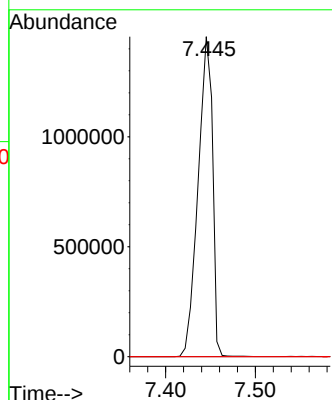
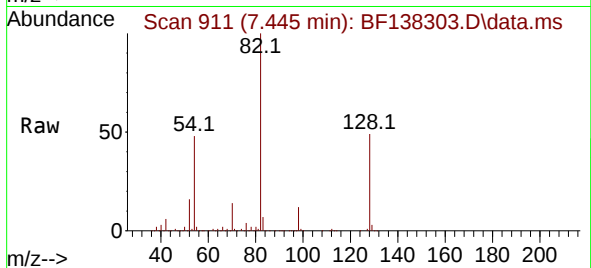




#25
Isophorone
Concen: 45.563 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

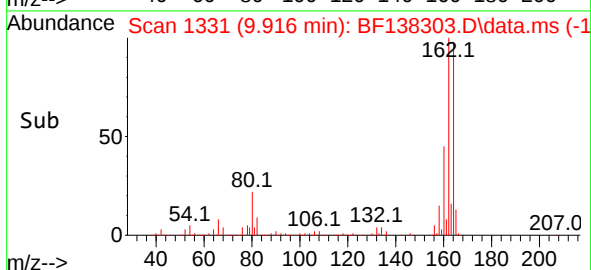
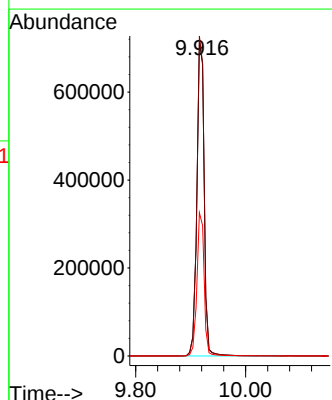
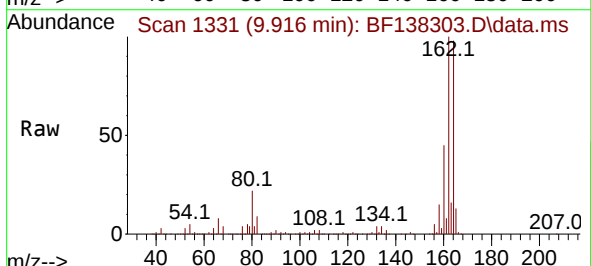
Instrument :
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ClientSampleId :
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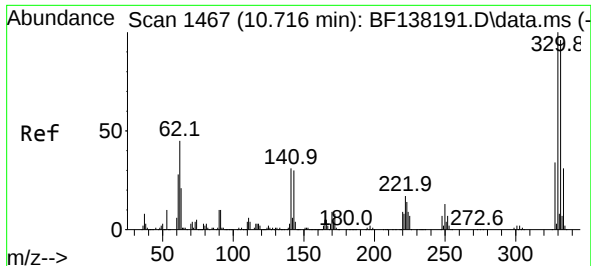
Tgt Ion: 82 Resp: 1623940
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

Tgt Ion: 164 Resp: 656036
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 45.5 36.3 54.5

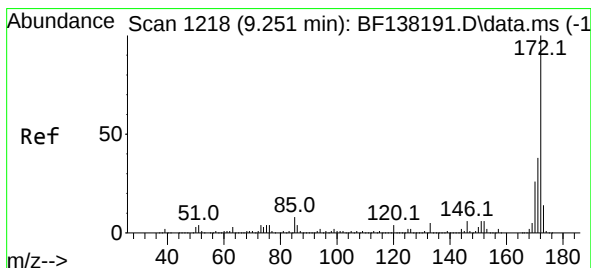
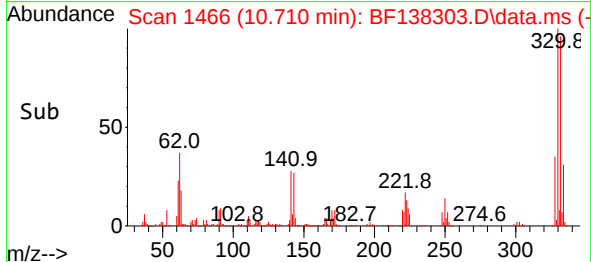
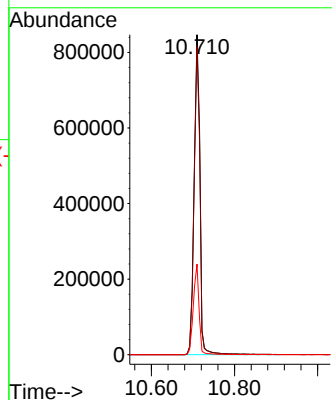
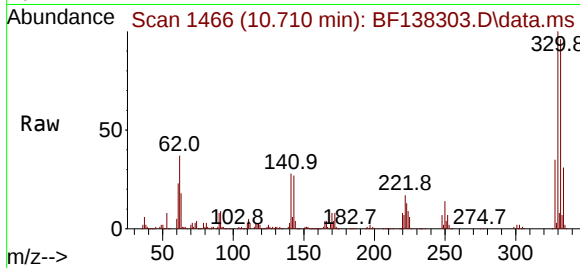




#42
 2,4,6-Tribromophenol
 Concen: 125.384 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. -0.006 min
 Lab File: BF138303.D
 Acq: 24 Jun 2024 11:38

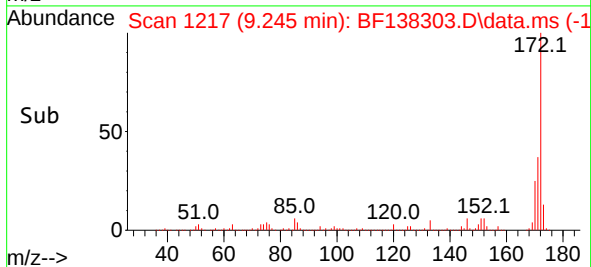
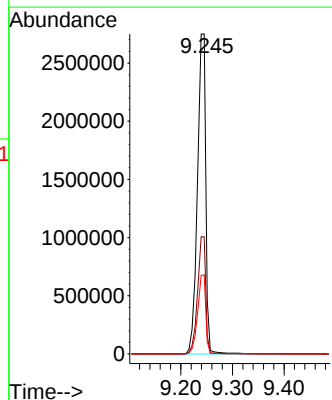
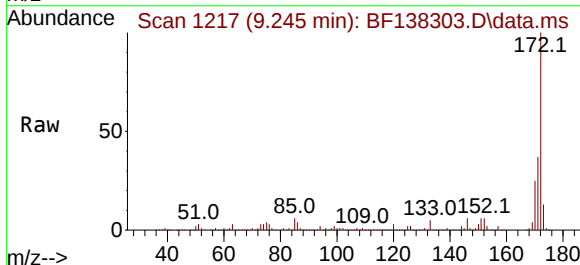
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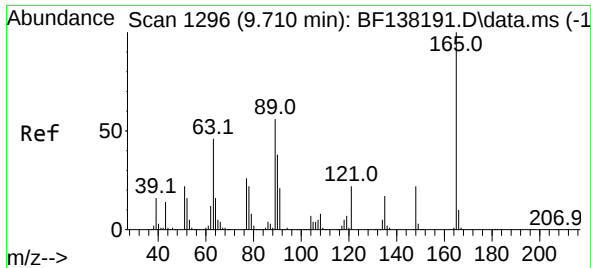
Tgt Ion:330 Resp: 818879
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 28.0 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 74.671 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF138303.D
 Acq: 24 Jun 2024 11:38

Tgt Ion:172 Resp: 3080656
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.3 45.5
 170 24.7 20.6 30.8

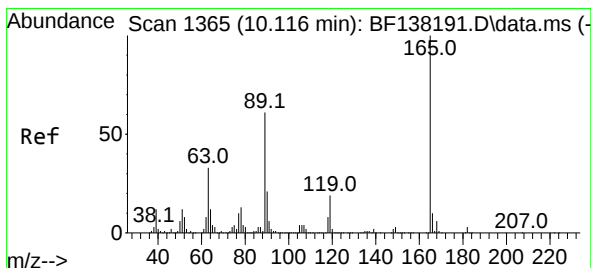
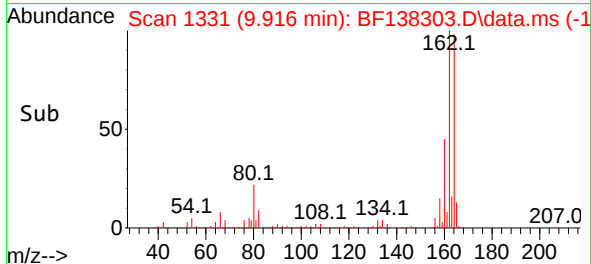
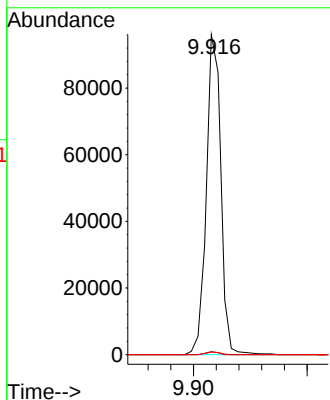
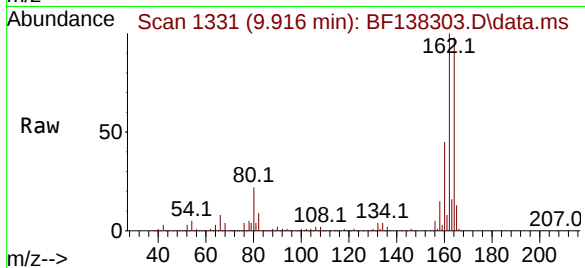




#51
2,6-Dinitrotoluene
Concen: 9.748 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

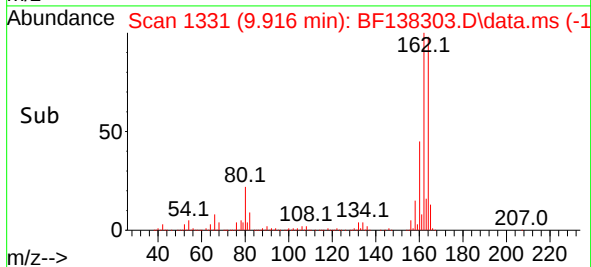
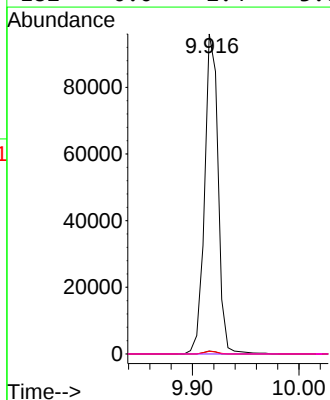
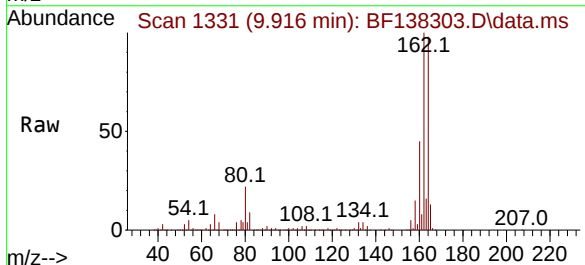
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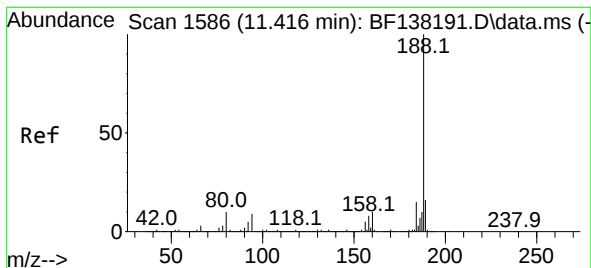
Tgt Ion:165 Resp: 85003
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 0.8 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.903 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

Tgt Ion:165 Resp: 85004
Ion Ratio Lower Upper
165 100
63 0.9 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: BF138303.D

Acq: 24 Jun 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB161566TB

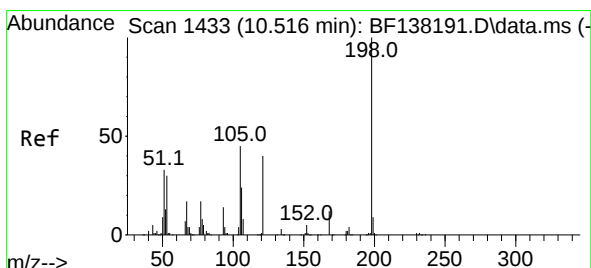
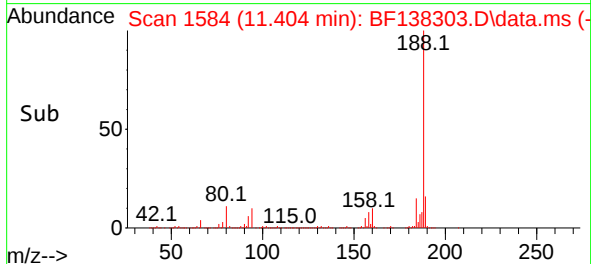
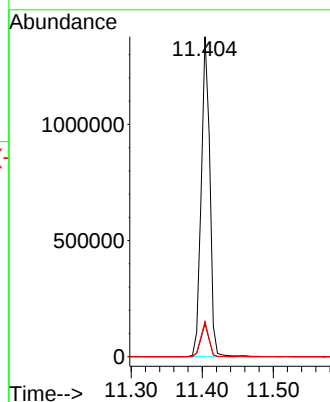
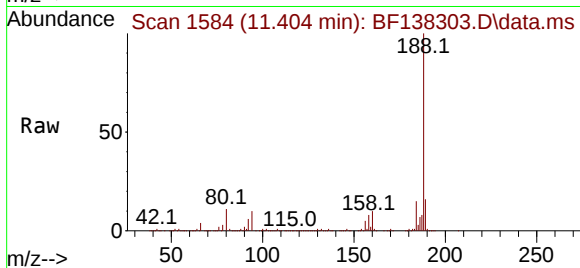
Tgt Ion:188 Resp: 1162594

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.0 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.174 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138303.D

Acq: 24 Jun 2024 11:38

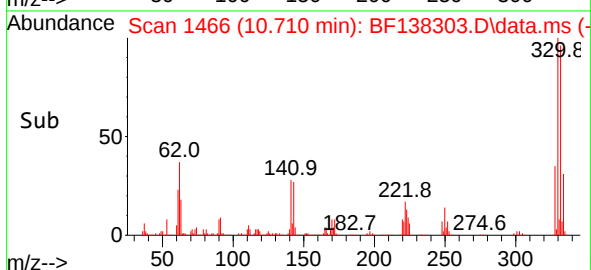
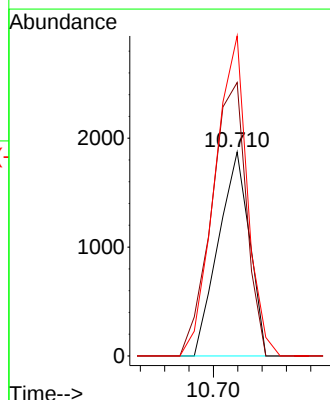
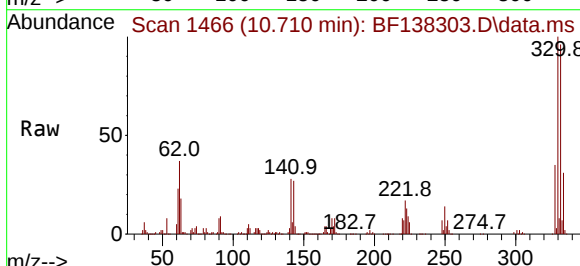
Tgt Ion:198 Resp: 1657

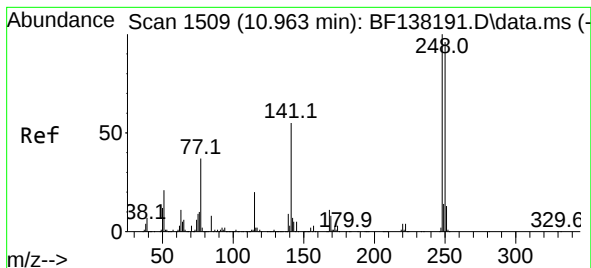
Ion Ratio Lower Upper

198 100

51 134.1 26.9 66.9#

105 156.9 26.0 66.0#

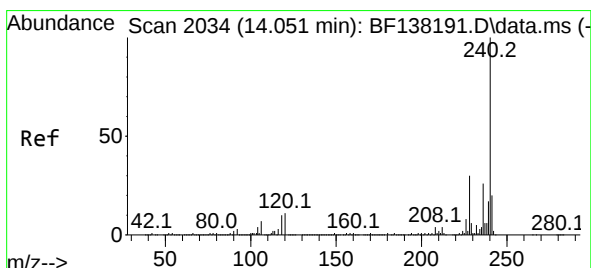
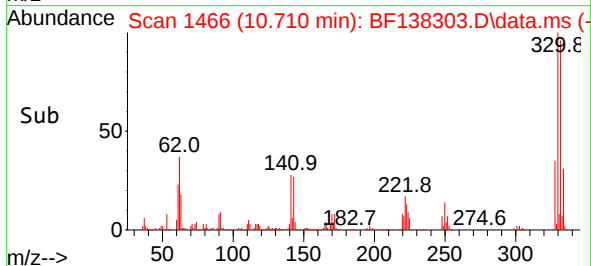
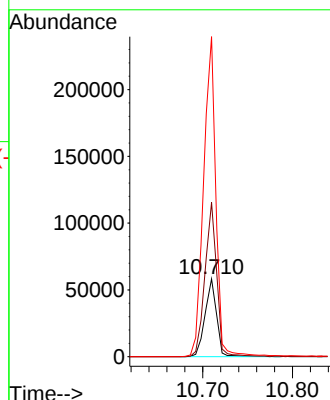
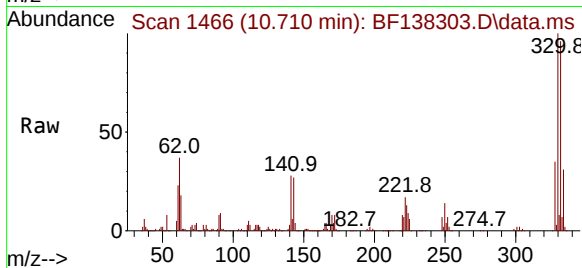




#67
4-Bromophenyl-phenylether
Concen: 3.978 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

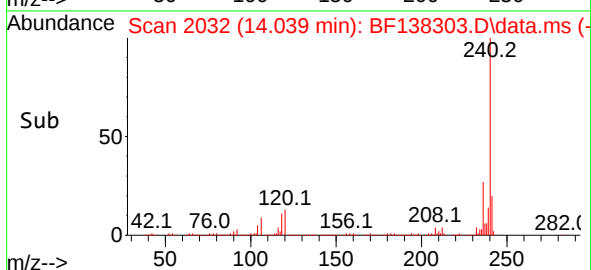
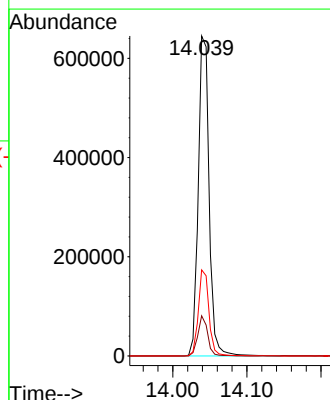
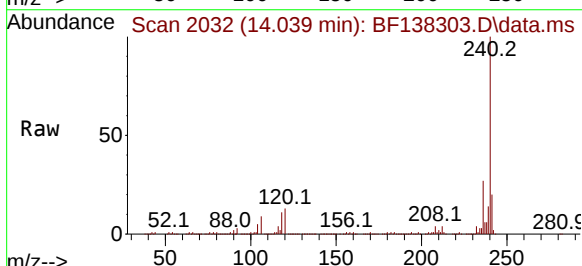
Instrument :
BNA_F
ClientSampleId :
PB161566TB

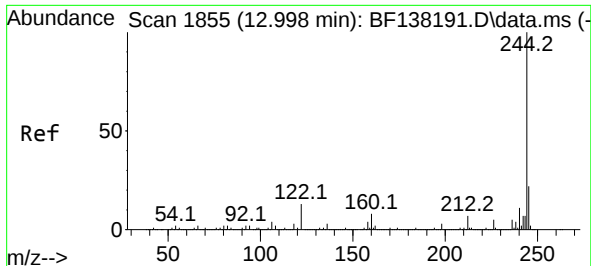
Tgt Ion:248 Resp: 52117
Ion Ratio Lower Upper
248 100
250 198.4 77.2 115.8#
141 411.5 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138303.D
Acq: 24 Jun 2024 11:38

Tgt Ion:240 Resp: 655524
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.9 21.0 31.6

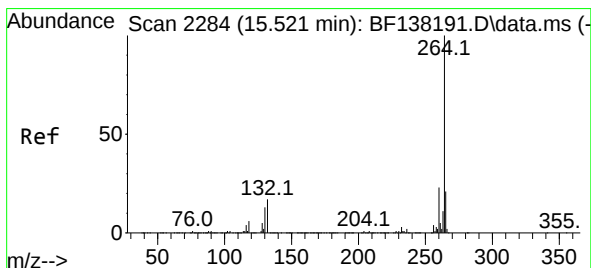
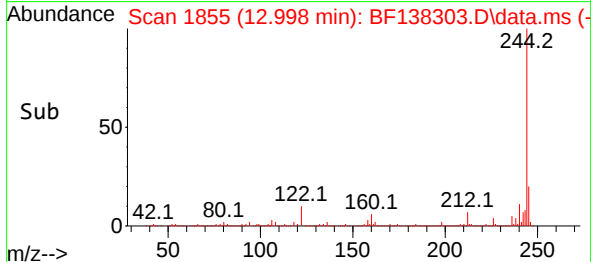
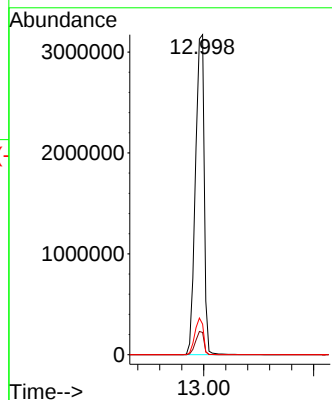
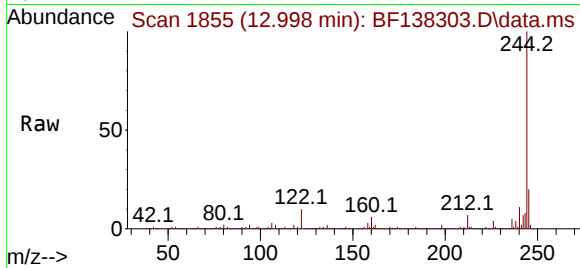




#79
 Terphenyl-d14
 Concen: 84.140 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138303.D
 Acq: 24 Jun 2024 11:38

Instrument :
 BNA_F
 ClientSampleId :
 PB161566TB

Tgt Ion:244 Resp: 3482435
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.6 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: BF138303.D
 Acq: 24 Jun 2024 11:38

Tgt Ion:264 Resp: 597240
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.4 17.0 25.6

