

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138200.D
 Acq On : 17 Jun 2024 13:05
 Operator : CG\JU
 Sample : PB161394BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161511BL

Quant Time: Jun 17 13:30:06 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)

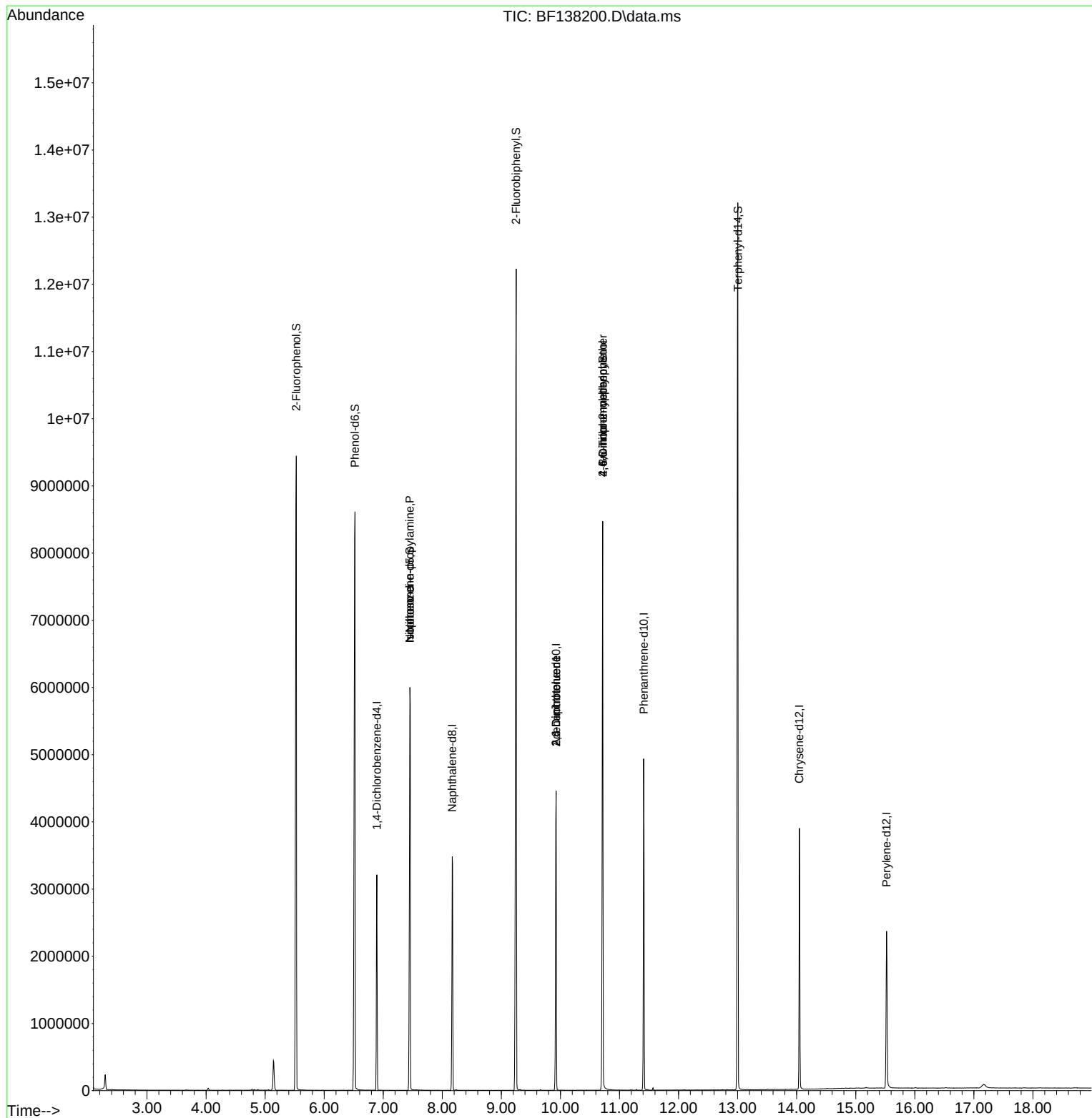
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	453181	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1799696	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	996762	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1786447	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	1232147	20.000	ng	0.00
86) Perylene-d12	15.521	264	1101660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3080264	113.702	ng	0.02
7) Phenol-d6	6.522	99	3814802	111.050	ng	0.00
23) Nitrobenzene-d5	7.451	82	2386912	77.212	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1081644	109.004	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4371821	69.744	ng	0.00
79) Terphenyl-d14	13.004	244	4953967	63.679	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	319562	15.694	ng	# 79
25) Isophorone	7.451	82	2382157	42.602	ng	# 62
51) 2,6-Dinitrotoluene	9.927	165	129550	9.778	ng	# 25
57) 2,4-Dinitrotoluene	9.927	165	129550	7.928	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.716	198	2454	7.165	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	73011	3.627	ng	# 1

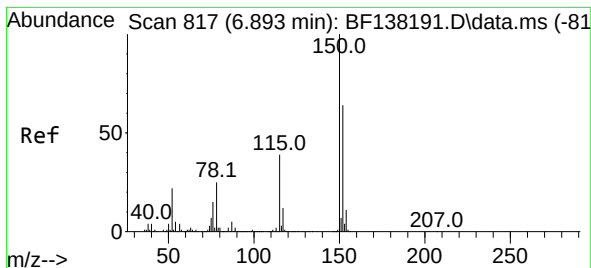
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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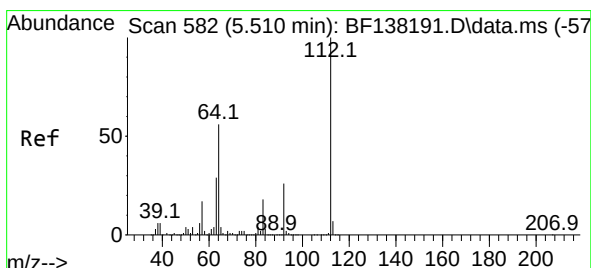
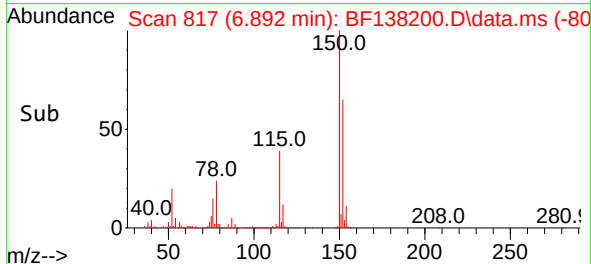
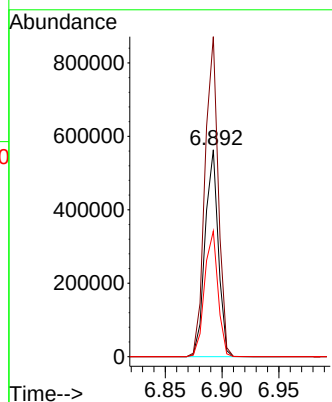
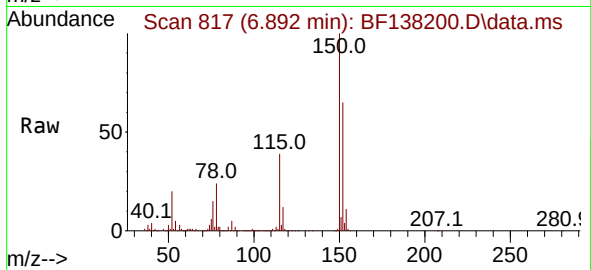




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. -0.001 min
 Lab File: BF138200.D
 Acq: 17 Jun 2024 13:05

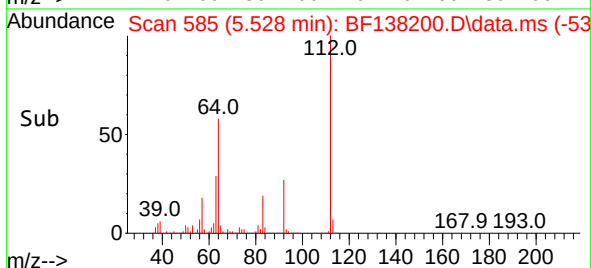
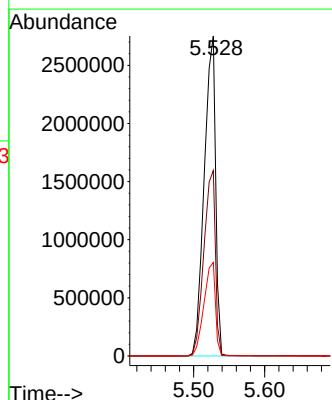
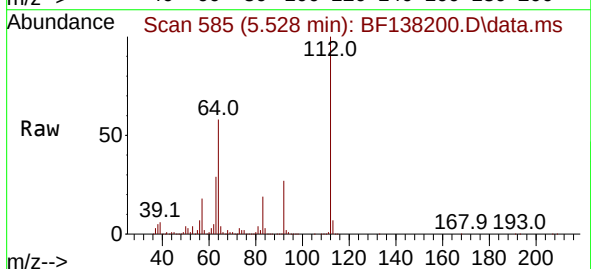
Instrument :
 BNA_F
 ClientSampleId :
 PB161511BL

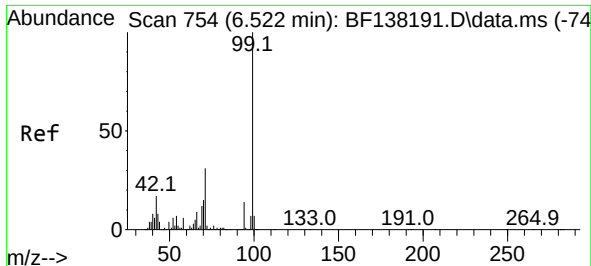
Tgt Ion:152 Resp: 453181
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.0 187.4
 115 60.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 113.702 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.017 min
 Lab File: BF138200.D
 Acq: 17 Jun 2024 13:05

Tgt Ion:112 Resp: 3080264
 Ion Ratio Lower Upper
 112 100
 64 57.9 45.2 67.8
 63 29.2 22.9 34.3

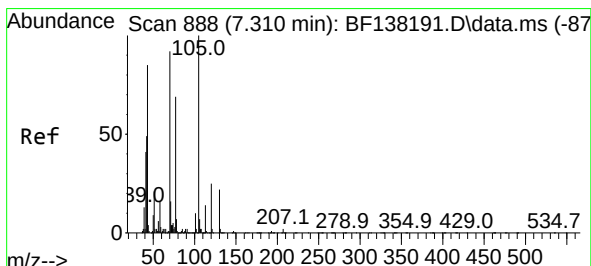
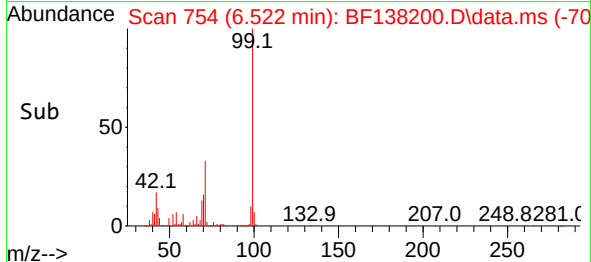
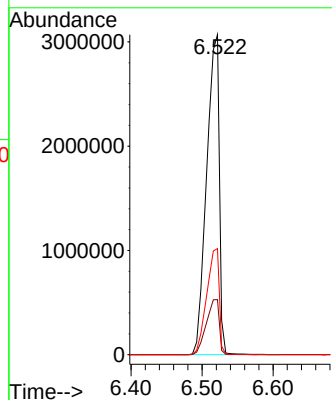
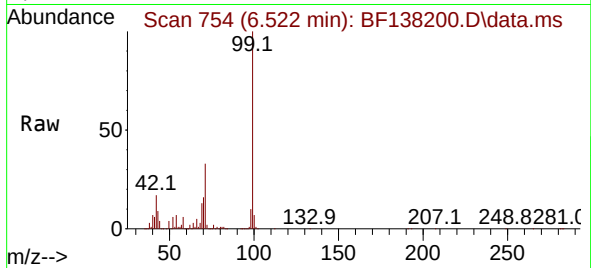




#7
Phenol-d6
Concen: 111.050 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

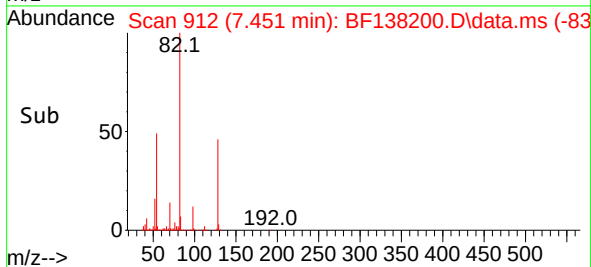
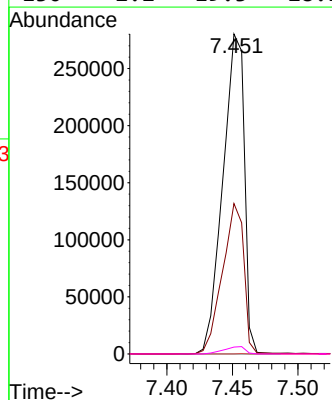
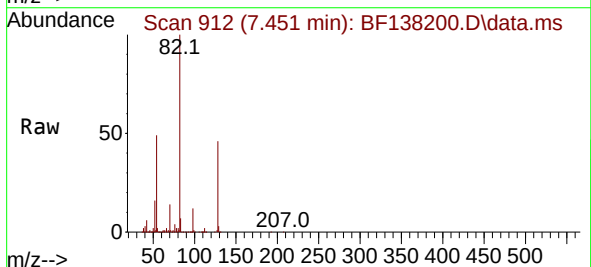
Instrument :
BNA_F
ClientSampleId :
PB161511BL

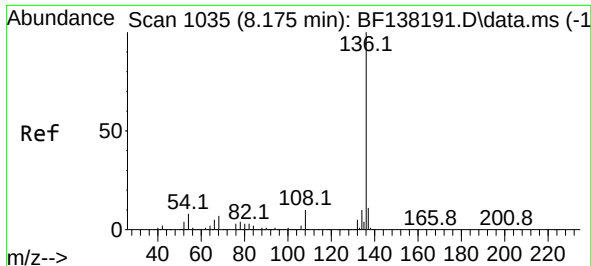
Tgt Ion: 99 Resp: 3814802
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 33.2 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.694 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Tgt Ion: 70 Resp: 319562
Ion Ratio Lower Upper
70 100
42 47.0 42.8 64.2
101 0.0 8.4 12.6#
130 2.2 19.3 28.9#

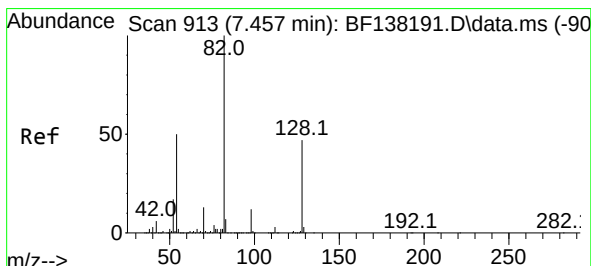
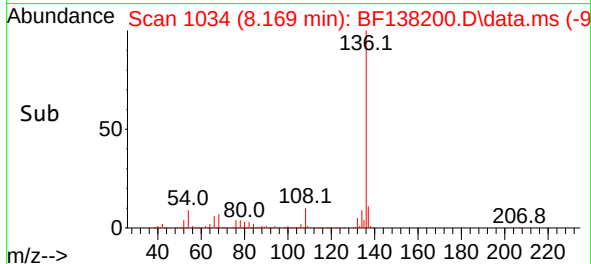
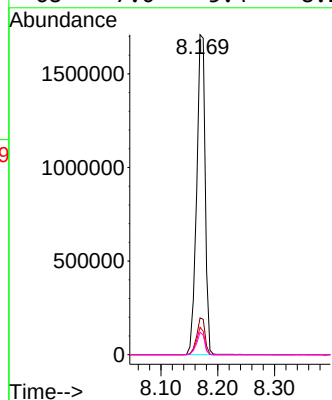
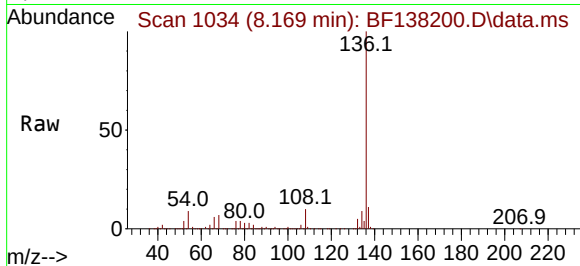




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

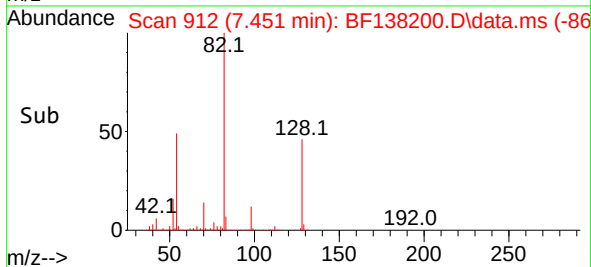
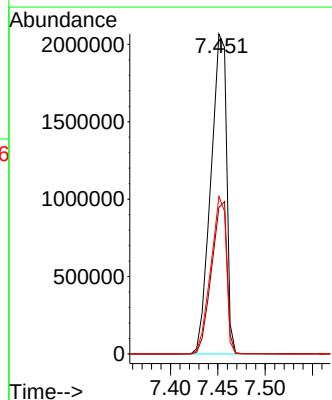
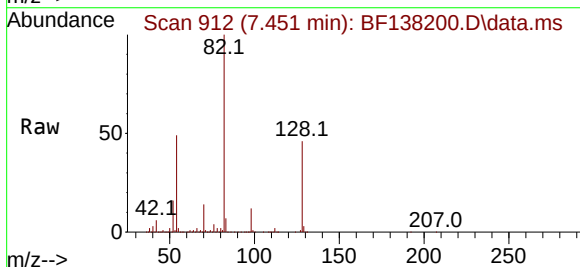
Instrument :
BNA_F
ClientSampleId :
PB161511BL

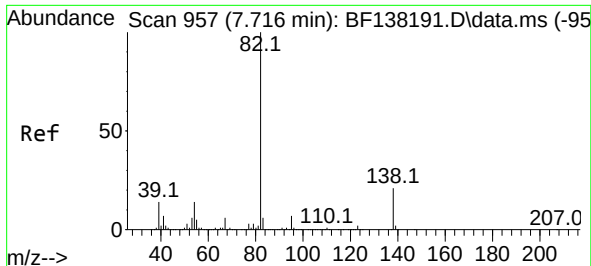
Tgt Ion:136 Resp: 1799696
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.6 6.6 10.0
68 7.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 77.212 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Tgt Ion: 82 Resp: 2386912
Ion Ratio Lower Upper
82 100
128 45.7 37.2 55.8
54 49.2 39.8 59.6

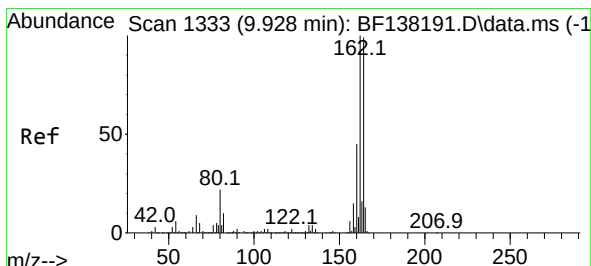
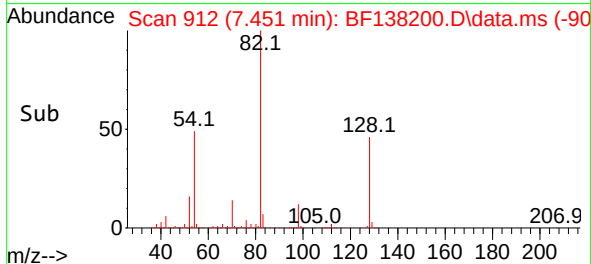
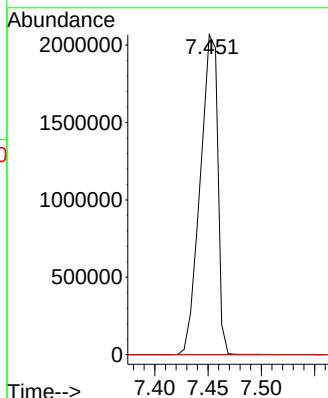
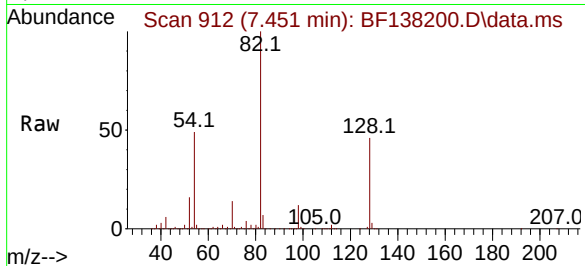




#25
Isophorone
Concen: 42.602 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

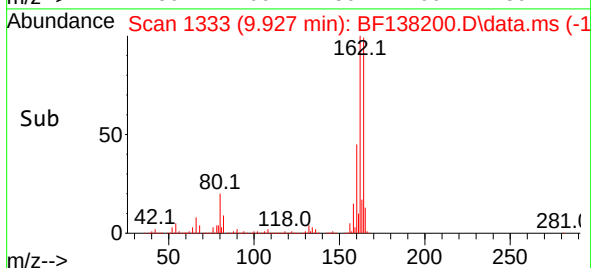
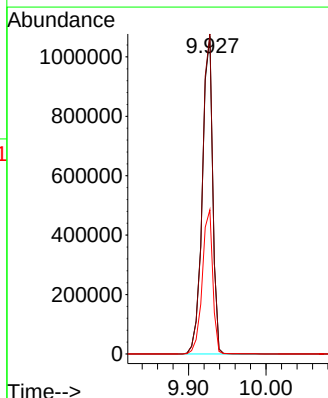
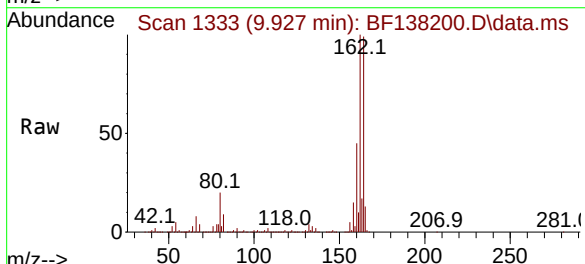
Instrument :
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ClientSampleId :
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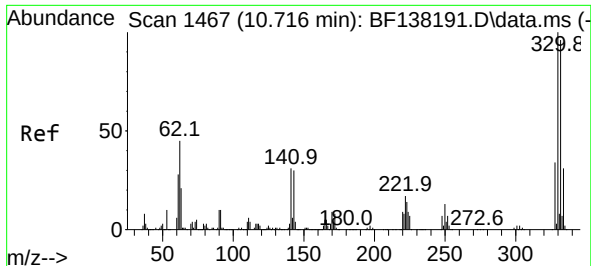
Tgt Ion: 82 Resp: 2382157
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Tgt Ion:164 Resp: 996762
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.4 36.3 54.5

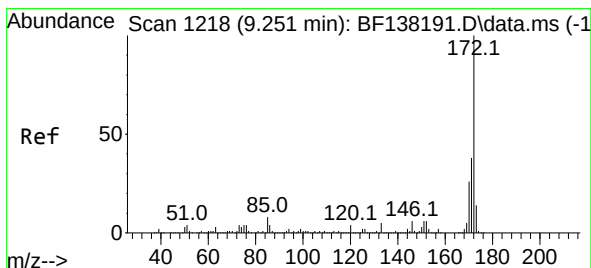
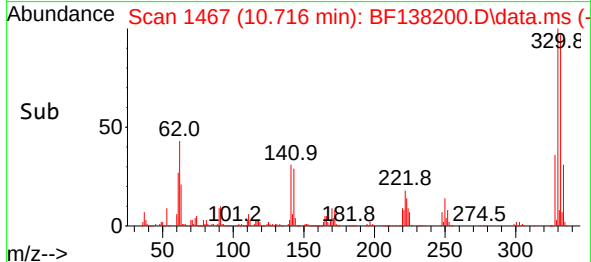
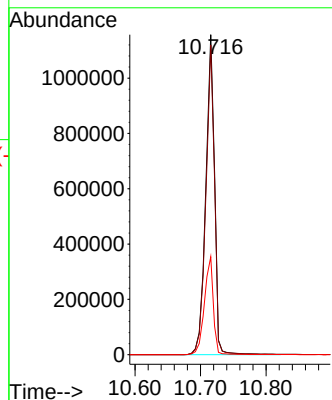
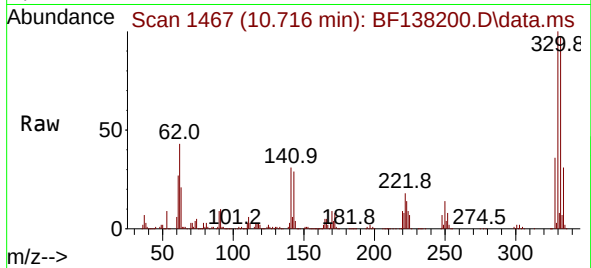




#42
2,4,6-Tribromophenol
Concen: 109.004 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

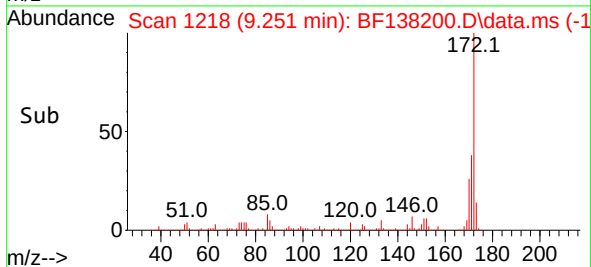
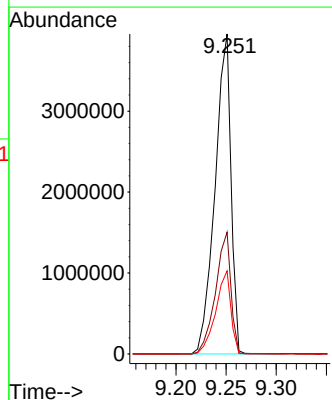
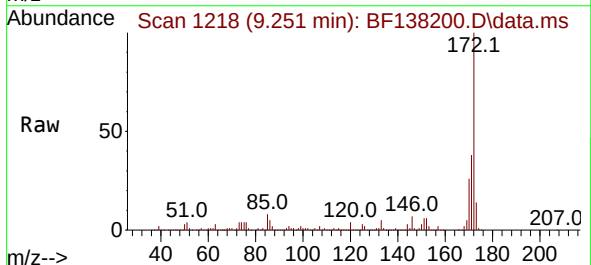
Instrument :
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ClientSampleId :
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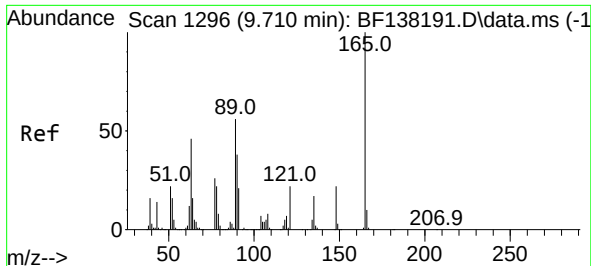
Tgt Ion:330 Resp: 1081644
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 31.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 69.744 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Tgt Ion:172 Resp: 4371821
Ion Ratio Lower Upper
172 100
171 38.0 30.3 45.5
170 26.0 20.6 30.8

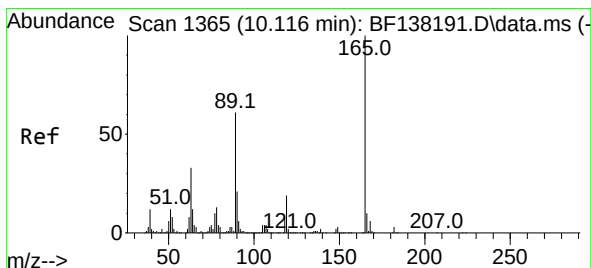
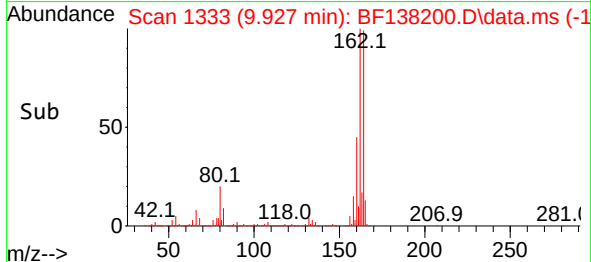
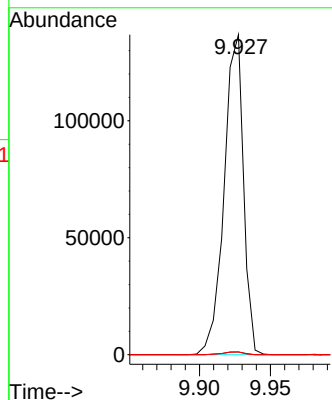
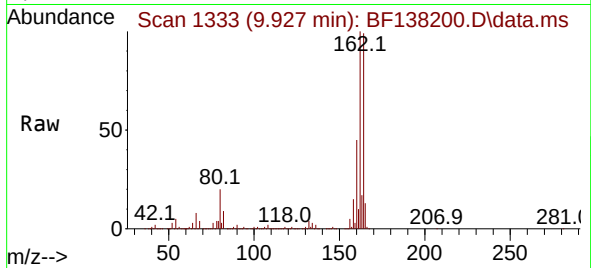




#51
2,6-Dinitrotoluene
Concen: 9.778 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

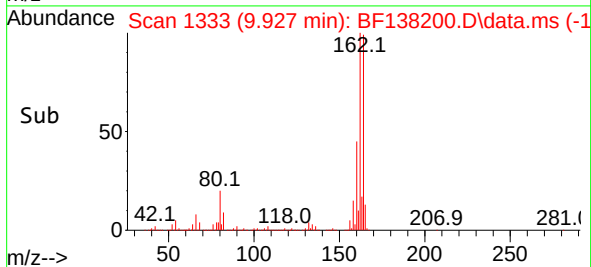
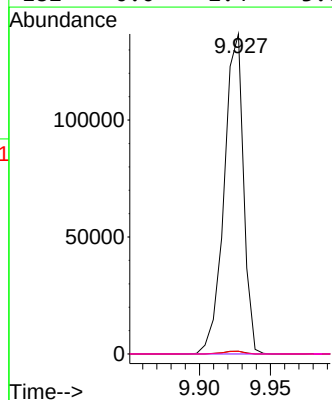
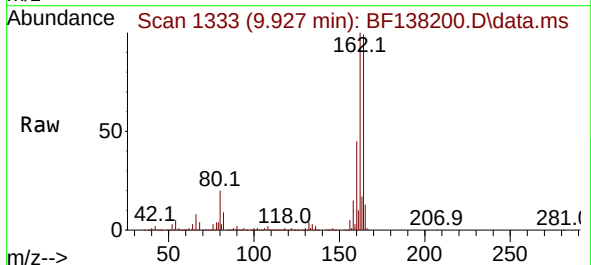
Instrument :
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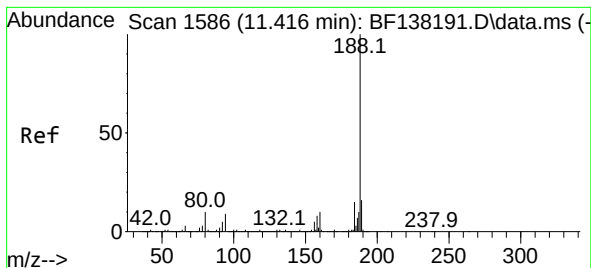
Tgt Ion:165 Resp: 129550
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 0.8 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.928 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.188 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Tgt Ion:165 Resp: 129550
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: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138200.D

Acq: 17 Jun 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB161511BL

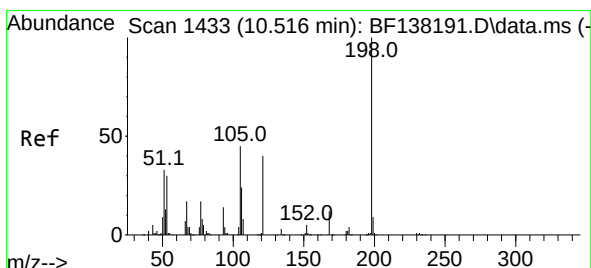
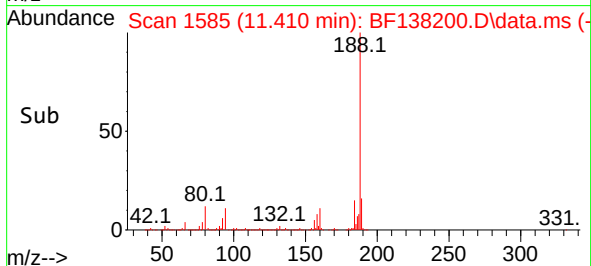
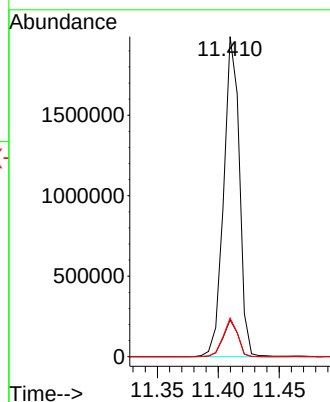
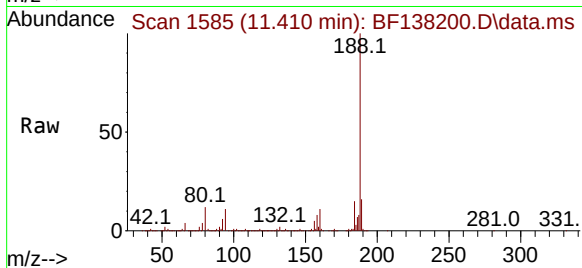
Tgt Ion:188 Resp: 1786447

Ion Ratio Lower Upper

188 100

94 11.5 7.6 11.4#

80 12.1 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.165 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.200 min

Lab File: BF138200.D

Acq: 17 Jun 2024 13:05

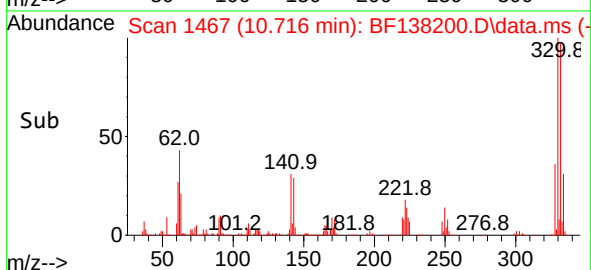
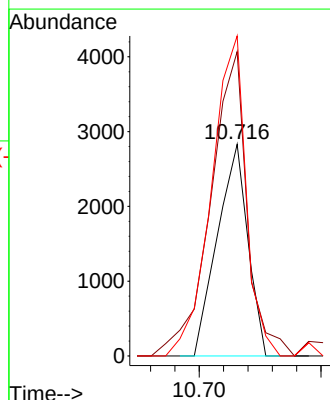
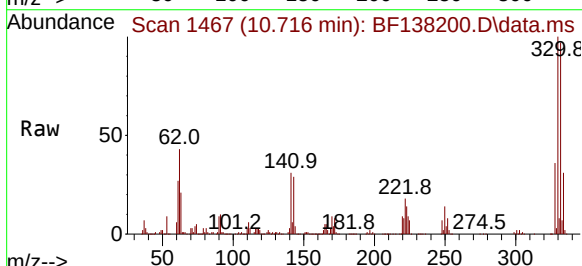
Tgt Ion:198 Resp: 2454

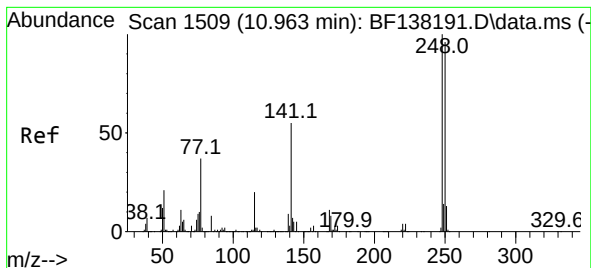
Ion Ratio Lower Upper

198 100

51 143.8 26.9 66.9#

105 151.2 26.0 66.0#

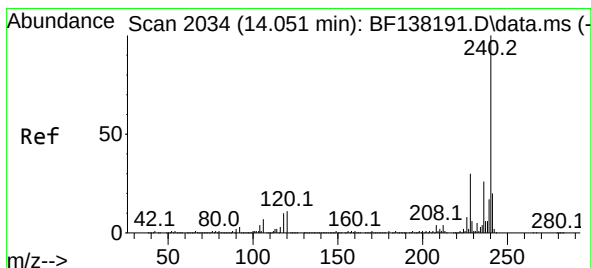
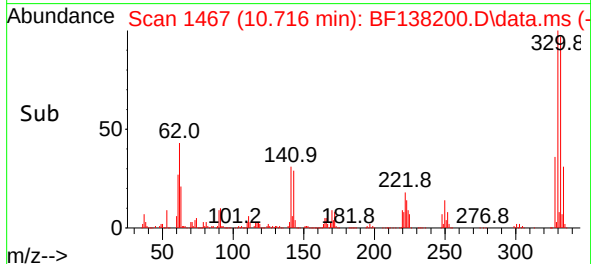
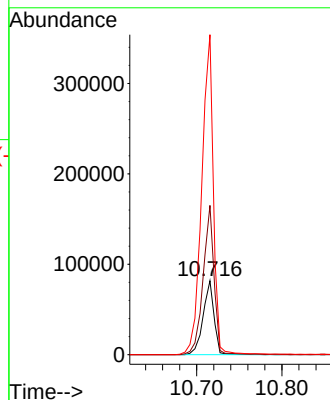
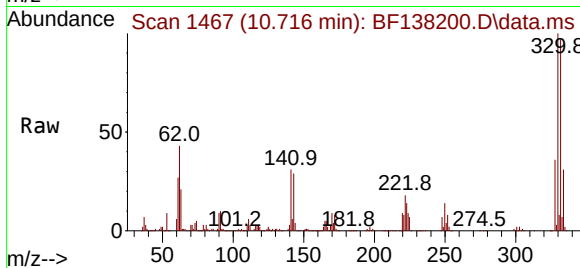




#67
4-Bromophenyl-phenylether
Concen: 3.627 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

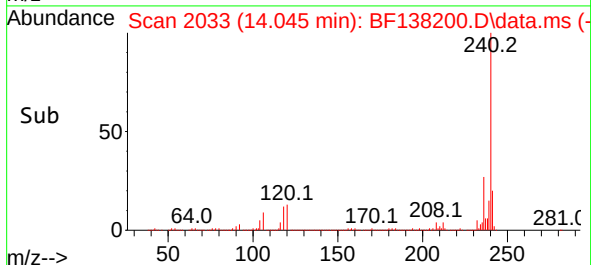
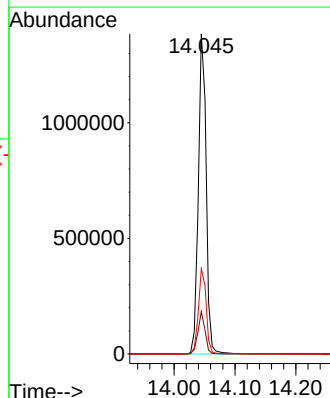
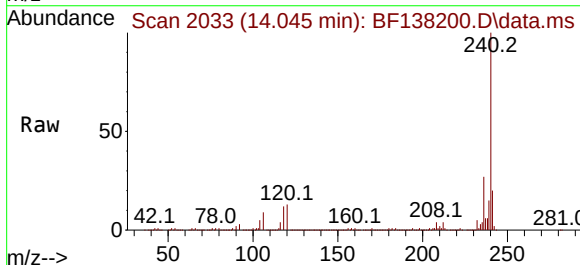
Instrument :
BNA_F
ClientSampleId :
PB161511BL

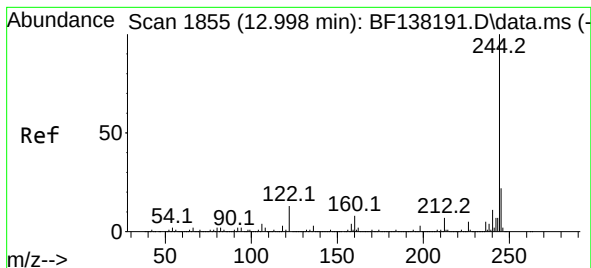
Tgt Ion:248 Resp: 73011
Ion Ratio Lower Upper
248 100
250 202.2 77.2 115.8#
141 433.2 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138200.D
Acq: 17 Jun 2024 13:05

Tgt Ion:240 Resp: 1232147
Ion Ratio Lower Upper
240 100
120 13.3 9.2 13.8
236 26.7 21.0 31.6





#79

Terphenyl-d14

Concen: 63.679 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF138200.D

Acq: 17 Jun 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB161511BL

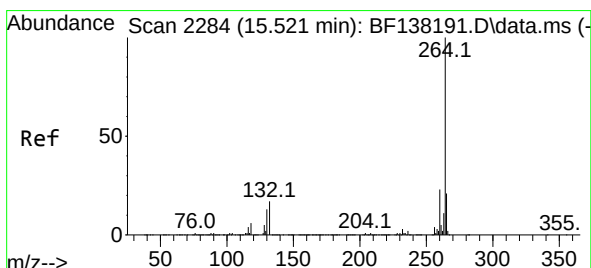
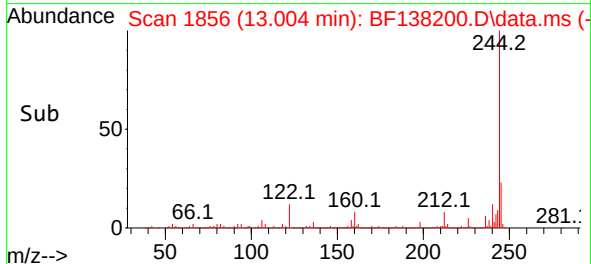
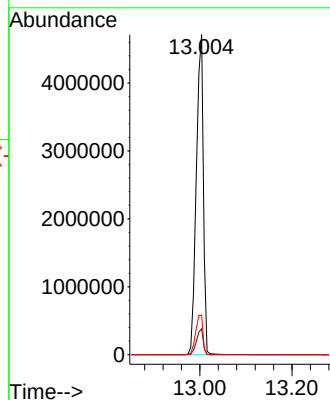
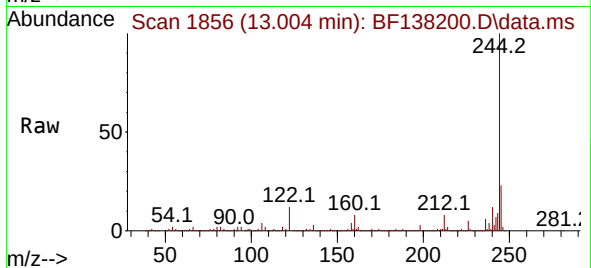
Tgt Ion:244 Resp: 4953967

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

122 12.3 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138200.D

Acq: 17 Jun 2024 13:05

Tgt Ion:264 Resp: 1101660

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 21.6 17.0 25.6

