

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
 Data File : BM037248.D
 Acq On : 26 Oct 2022 21:37
 Operator : CG/JU
 Sample : N5156-02DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE-WATERDL

Quant Time: Oct 27 07:52:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 04:49:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

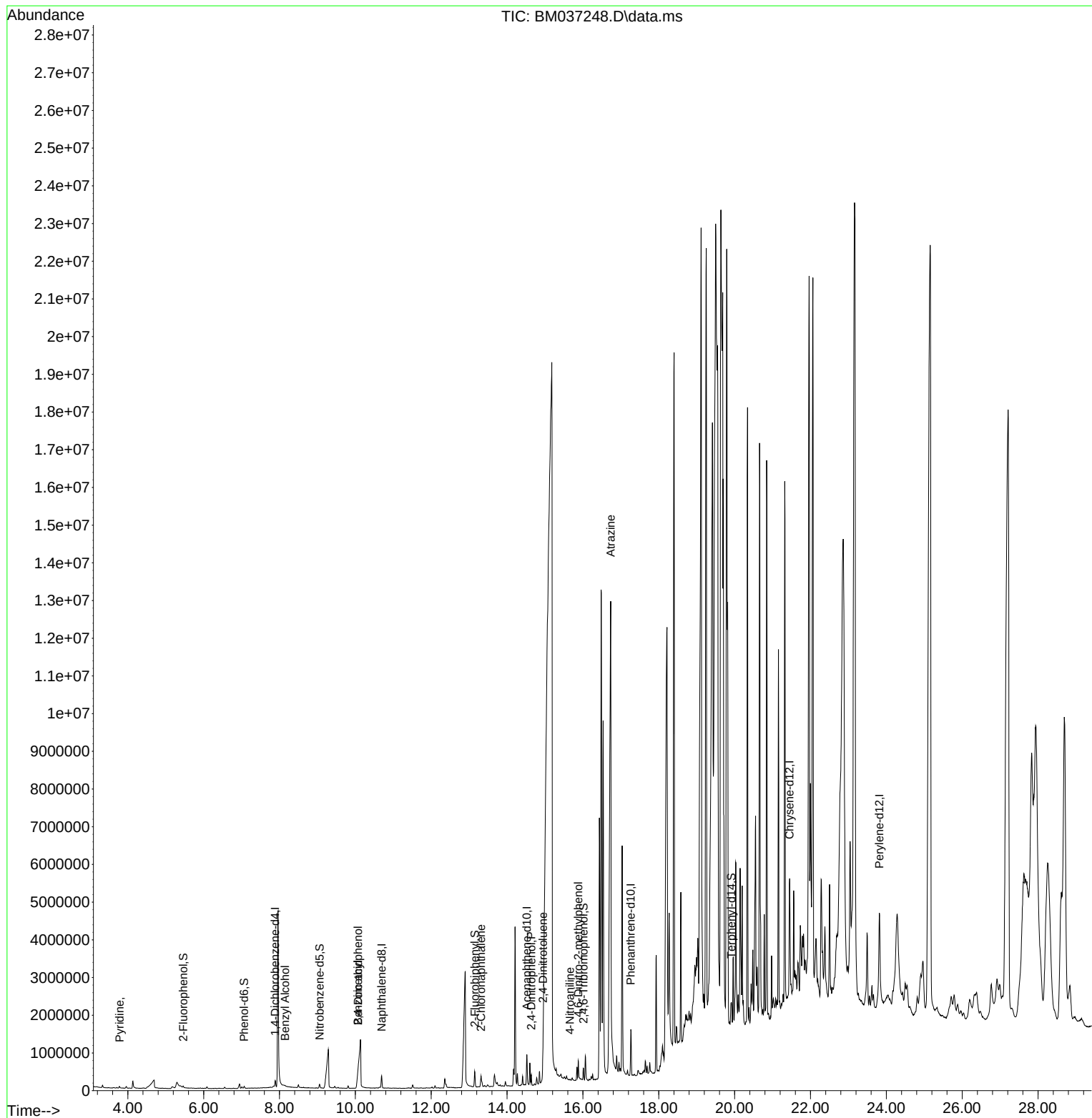
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	47966	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	272754	20.000	ng	0.00
39) Acenaphthene-d10	14.521	164	260427	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	753621	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1310775	20.000	ng	0.00
86) Perylene-d12	23.815	264	1655179	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	20448	8.740	ng	0.01
7) Phenol-d6	7.069	99	28787	8.890	ng	0.01
23) Nitrobenzene-d5	9.057	82	56977	11.926	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	60981	18.889	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	197137	10.690	ng	0.00
79) Terphenyl-d14	19.909	244	627716	9.797	ng	0.02
Target Compounds						
					Qvalue	
3) Pyridine	3.781	79	17115	6.093	ng	# 7
15) Benzyl Alcohol	8.145	79	5126	2.095	ng	# 74
27) 2,4-Dimethylphenol	10.069	122	38904	11.416	ng	# 8
32) Benzoic acid	10.069	122	40900	17.989	ng	95
47) 2-Chloronaphthalene	13.316	162	36177	2.379	ng	# 43
54) 2,4-Dinitrophenol	14.639	184	967	5.947	ng	# 71
57) 2,4-Dinitrotoluene	14.945	165	121	2.434	ng	# 1
62) 4-Nitroaniline	15.657	138	315	2.428	ng	77
65) 4,6-Dinitro-2-methylph...	15.880	198	126	4.693	ng	# 1
69) Atrazine	16.733	200	40909	6.229	ng	# 49

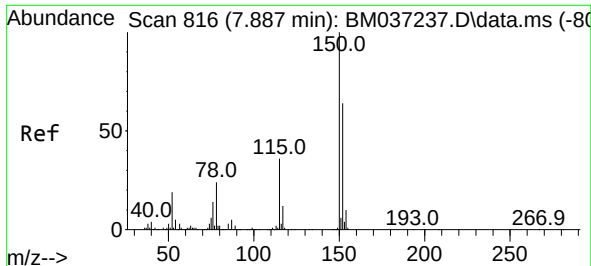
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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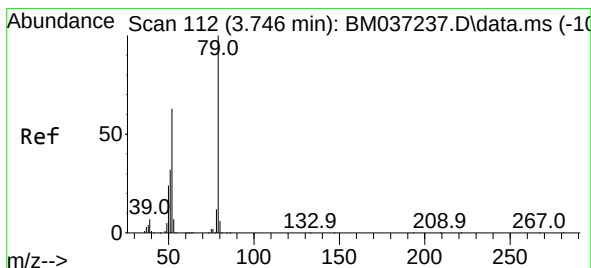
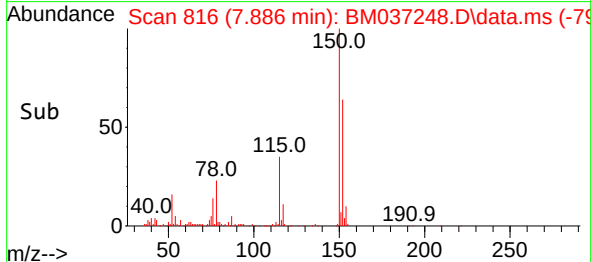
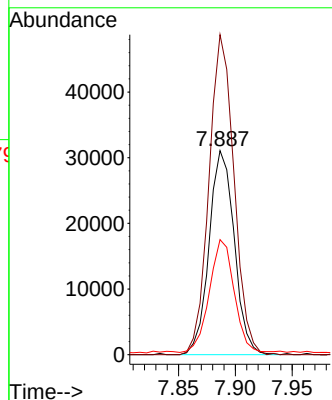
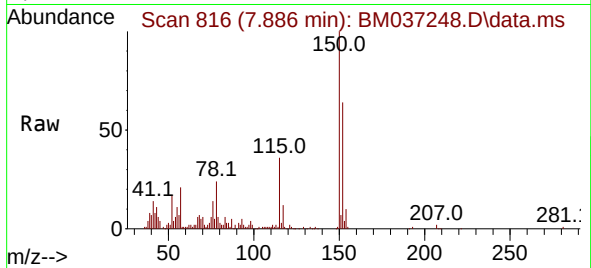




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.886 min Scan# 816
Delta R.T. -0.000 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

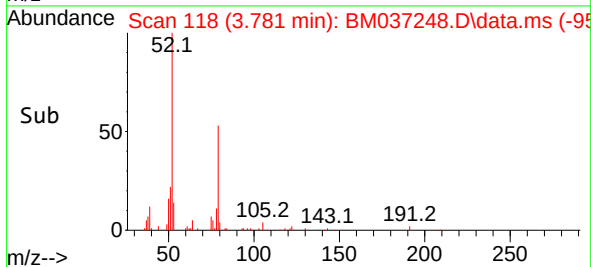
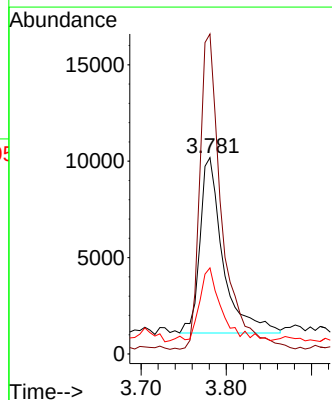
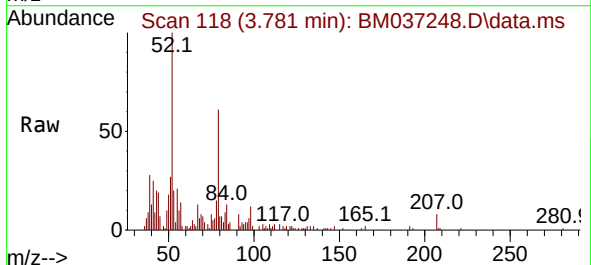
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERDL

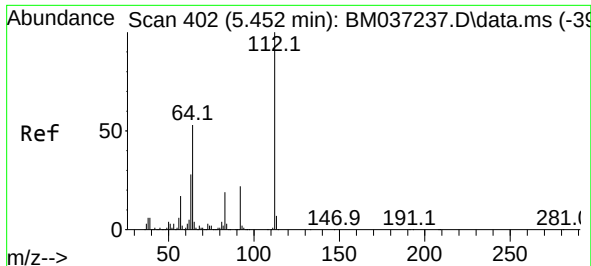
Tgt Ion:152 Resp: 47966
Ion Ratio Lower Upper
152 100
150 156.8 125.6 188.4
115 56.4 45.2 67.8



#3
Pyridine
Concen: 6.093 ng
RT: 3.781 min Scan# 118
Delta R.T. 0.035 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

Tgt Ion: 79 Resp: 17115
Ion Ratio Lower Upper
79 100
52 163.0 50.1 75.1#
51 43.8 25.4 38.2#

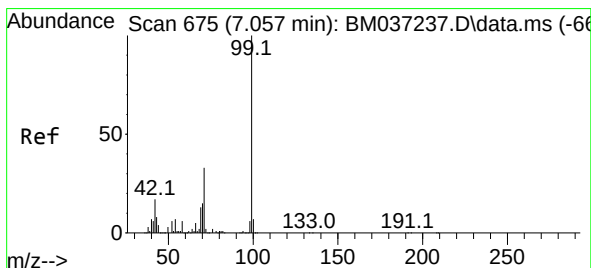
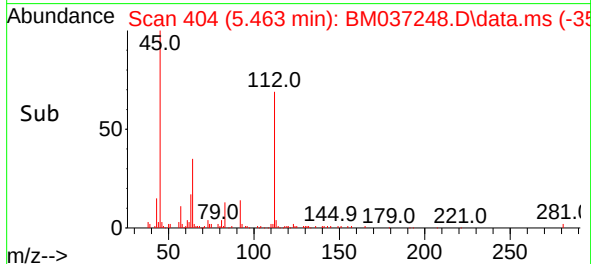
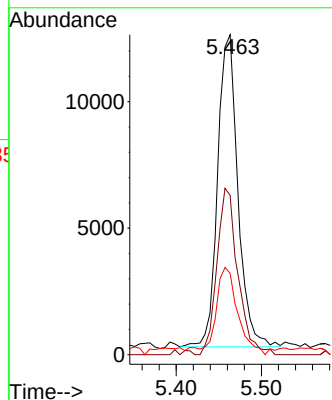
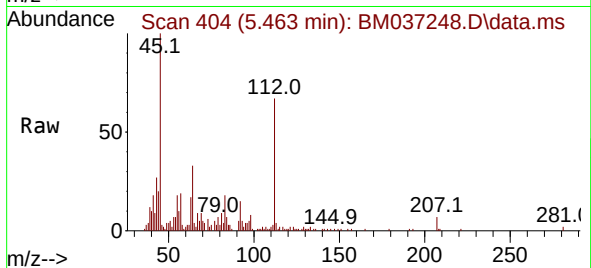




#5
2-Fluorophenol
Concen: 8.740 ng
RT: 5.463 min Scan# 402
Delta R.T. 0.011 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

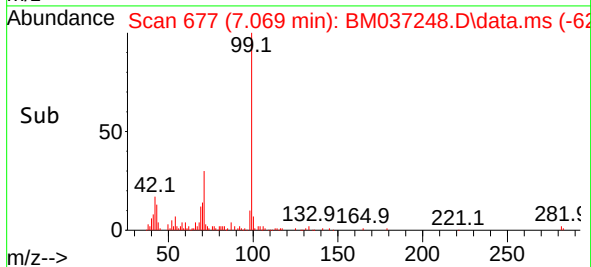
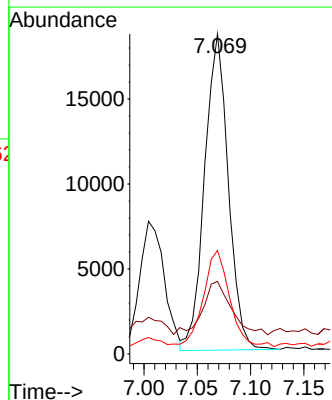
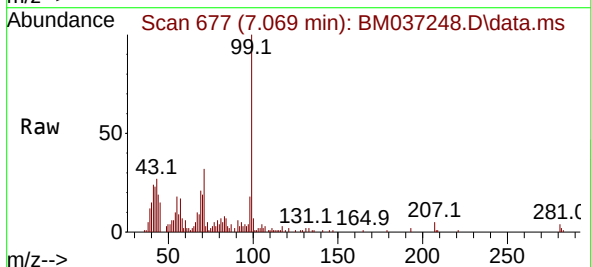
Instrument :
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ClientSampleId :
EFF-WASTE-WATERDL

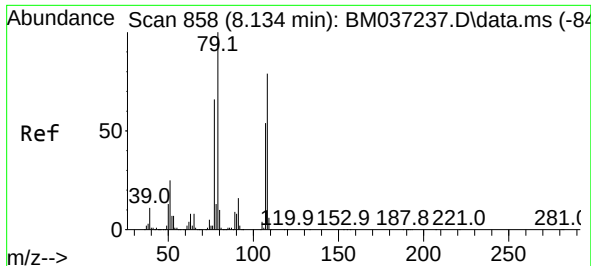
Tgt Ion:112 Resp: 20448
Ion Ratio Lower Upper
112 100
64 49.8 42.5 63.7
63 25.5 22.6 33.8



#7
Phenol-d6
Concen: 8.890 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.012 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

Tgt Ion: 99 Resp: 28787
Ion Ratio Lower Upper
99 100
42 22.7 13.8 20.6#
71 32.3 26.5 39.7

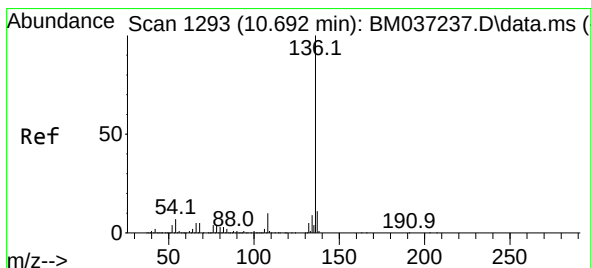
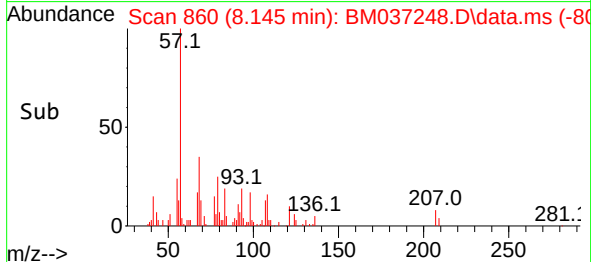
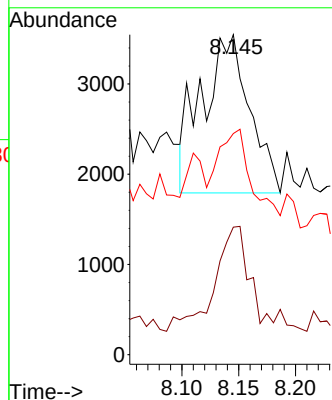
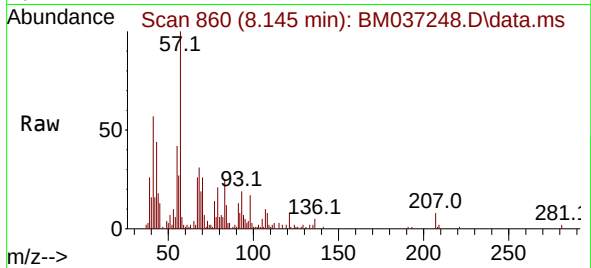




#15
Benzyl Alcohol
Concen: 2.095 ng
RT: 8.145 min Scan# 80
Delta R.T. 0.011 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

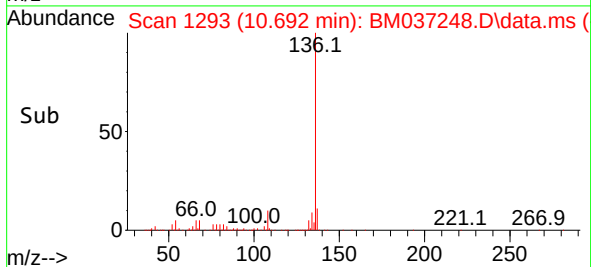
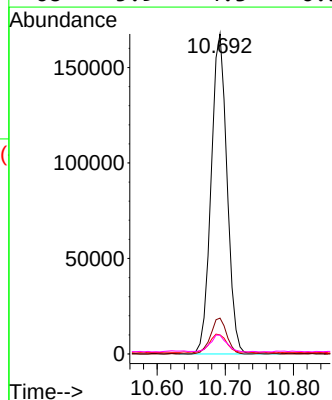
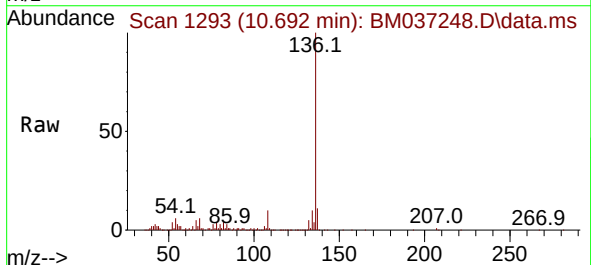
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERDL

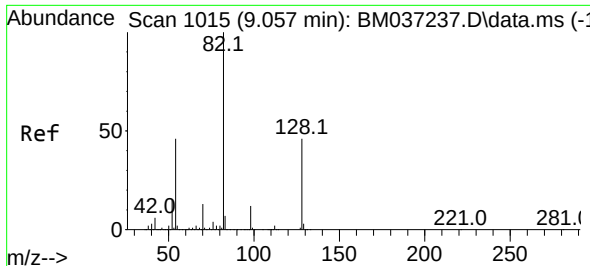
Tgt Ion: 79 Resp: 5126
Ion Ratio Lower Upper
79 100
108 39.9 63.2 94.8#
77 69.1 53.0 79.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

Tgt Ion: 136 Resp: 272754
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.0 5.6 8.4
68 5.9 4.3 6.5

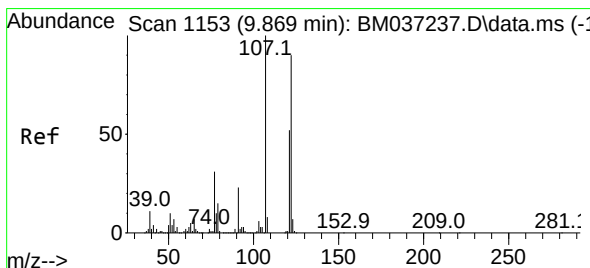
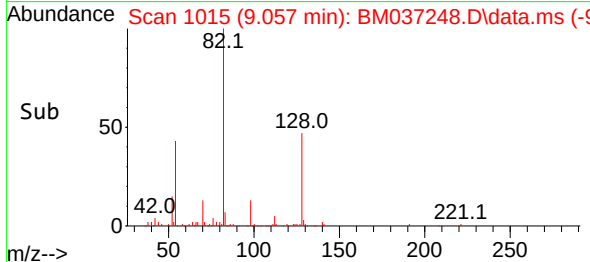
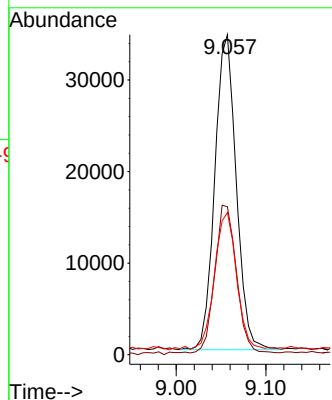
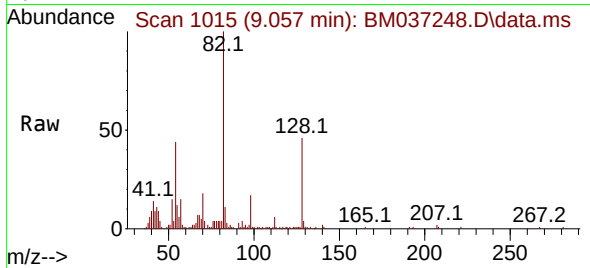




#23
Nitrobenzene-d5
Concen: 11.926 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

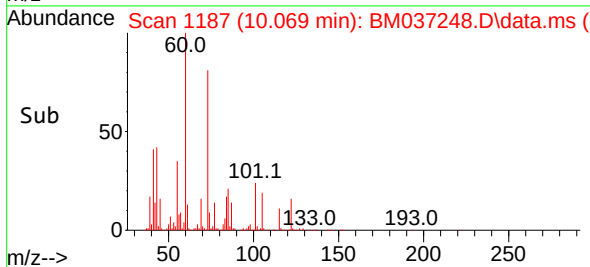
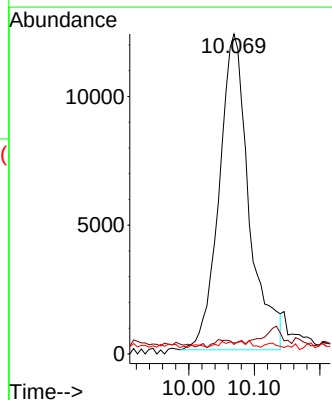
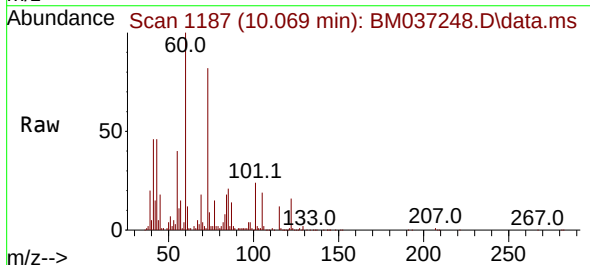
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ClientSampleId :
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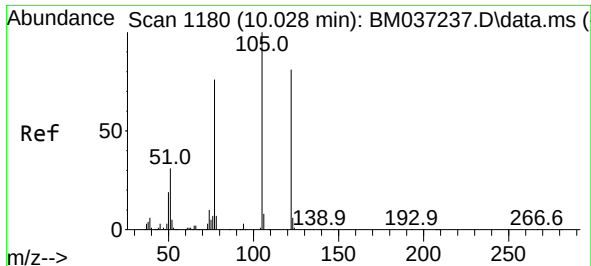
Tgt Ion: 82 Resp: 56977
Ion Ratio Lower Upper
82 100
128 46.3 36.7 55.1
54 44.4 36.6 55.0



#27
2,4-Dimethylphenol
Concen: 11.416 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.200 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

Tgt Ion:122 Resp: 38904
Ion Ratio Lower Upper
122 100
107 3.0 89.0 133.4#
121 3.5 46.2 69.4#

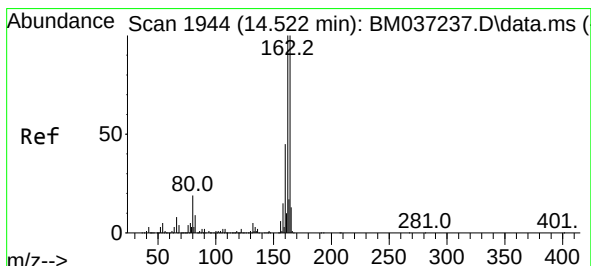
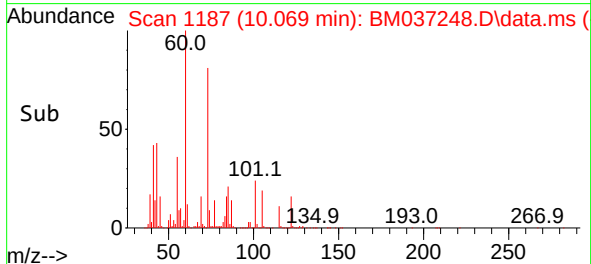
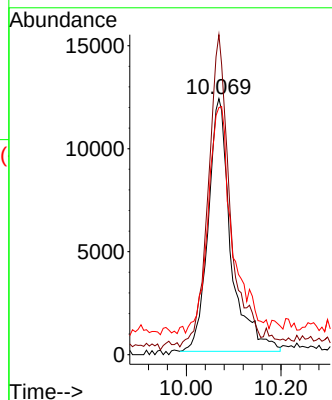
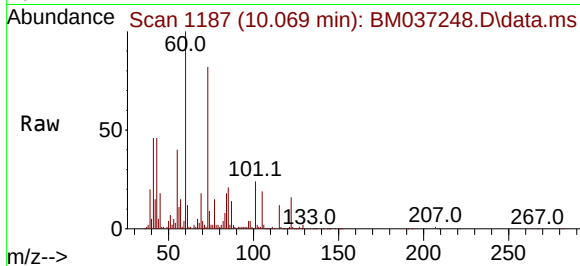




#32
Benzoic acid
Concen: 17.989 ng
RT: 10.069 min Scan# 1180
Delta R.T. 0.041 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

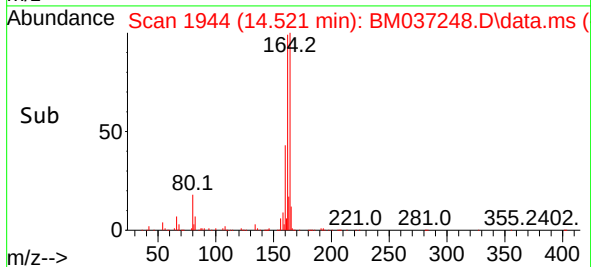
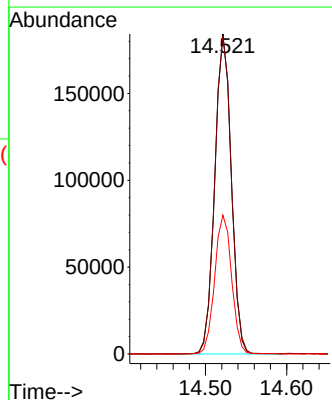
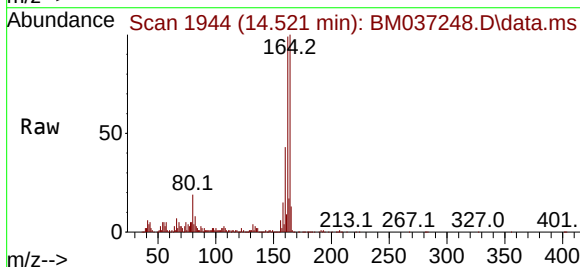
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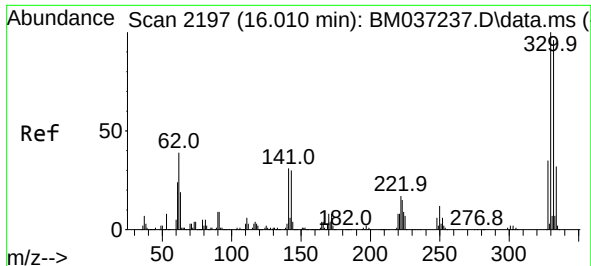
Tgt Ion:122 Resp: 40900
Ion Ratio Lower Upper
122 100
105 125.0 99.1 139.1
77 96.6 72.3 112.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1944
Delta R.T. -0.001 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

Tgt Ion:164 Resp: 260427
Ion Ratio Lower Upper
164 100
162 99.3 80.0 120.0
160 43.3 36.1 54.1

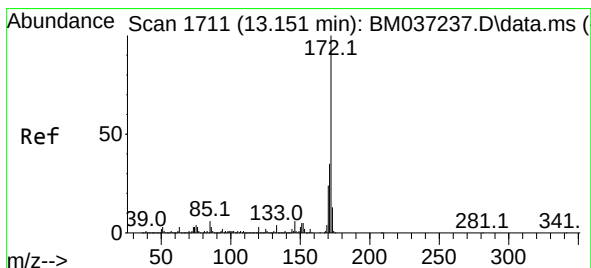
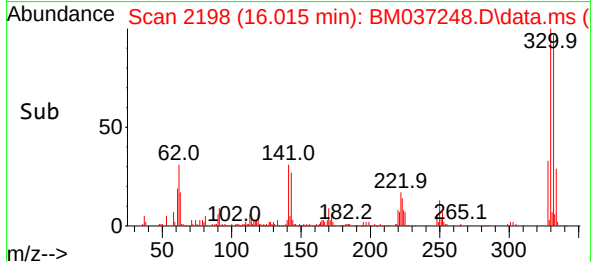
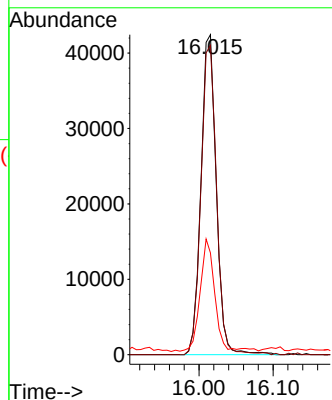
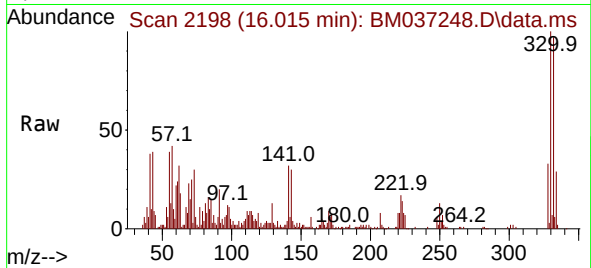




#42
2,4,6-Tribromophenol
Concen: 18.889 ng
RT: 16.015 min Scan# 2197
Delta R.T. 0.005 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

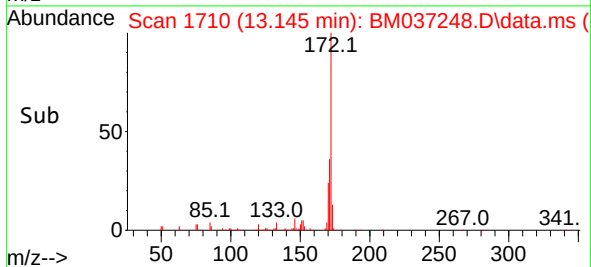
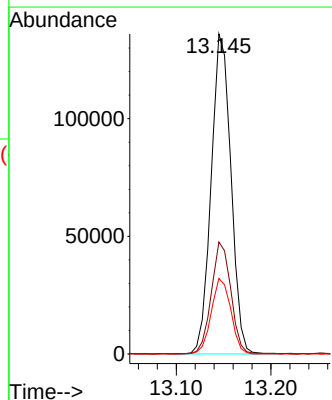
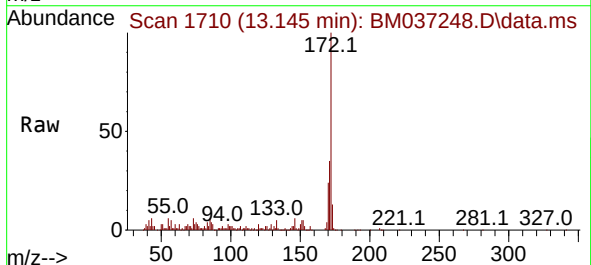
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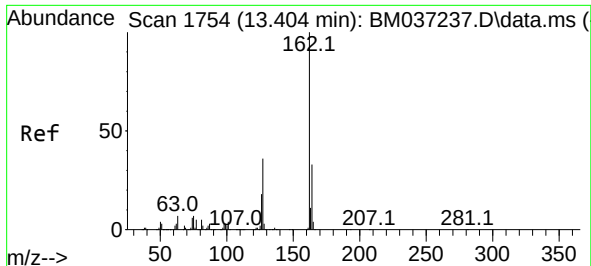
Tgt Ion:330 Resp: 60981
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.6
141 33.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 10.690 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

Tgt Ion:172 Resp: 197137
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.6 18.9 28.3

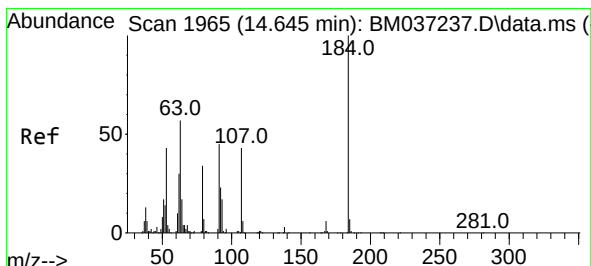
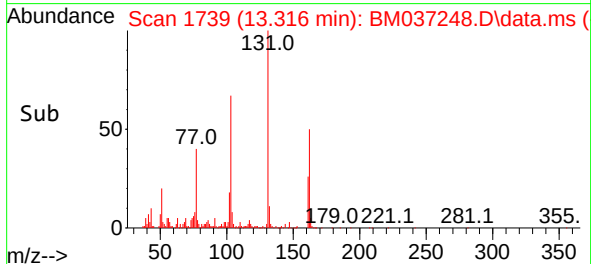
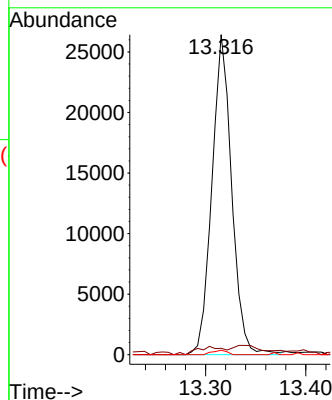
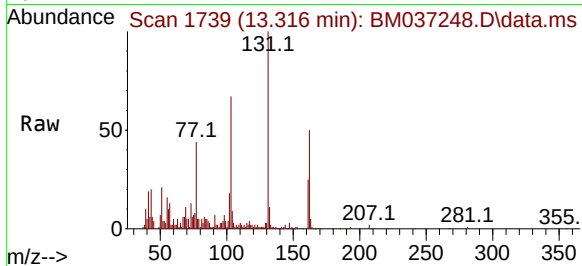




#47
2-Chloronaphthalene
Concen: 2.379 ng
RT: 13.316 min Scan# 1
Delta R.T. -0.088 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

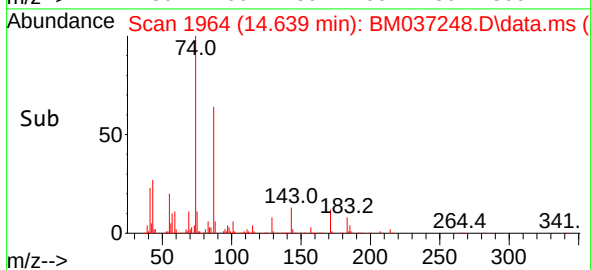
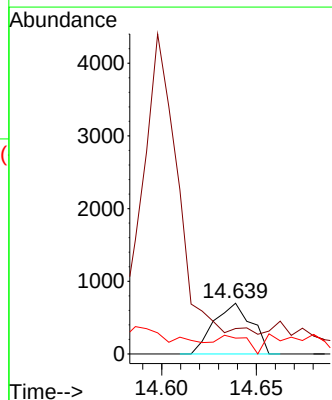
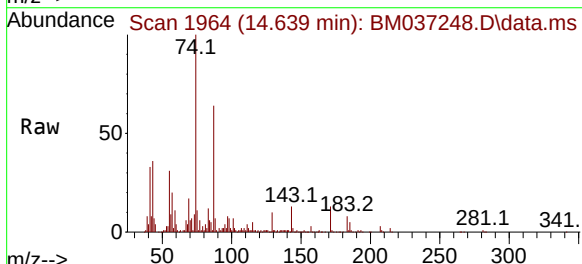
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERDL

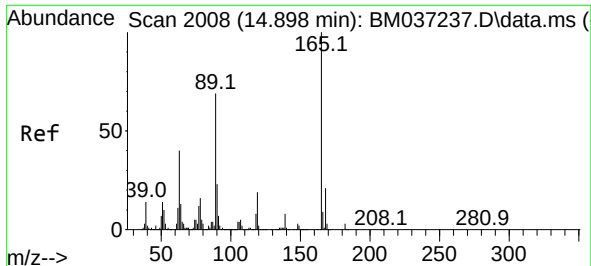
Tgt Ion:162 Resp: 36177
Ion Ratio Lower Upper
162 100
127 2.0 29.4 44.0#
164 1.4 26.5 39.7#



#54
2,4-Dinitrophenol
Concen: 5.947 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

Tgt Ion:184 Resp: 967
Ion Ratio Lower Upper
184 100
63 50.1 50.6 76.0#
154 31.1 50.0 75.0#





#57

2,4-Dinitrotoluene

Concen: 2.434 ng

RT: 14.945 min Scan# 20

Delta R.T. 0.047 min

Lab File: BM037248.D

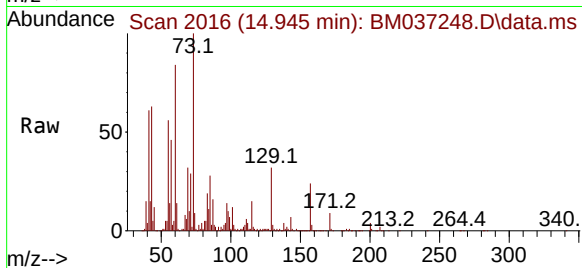
Acq: 26 Oct 2022 21:37

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATERDL



Tgt Ion:165 Resp: 121

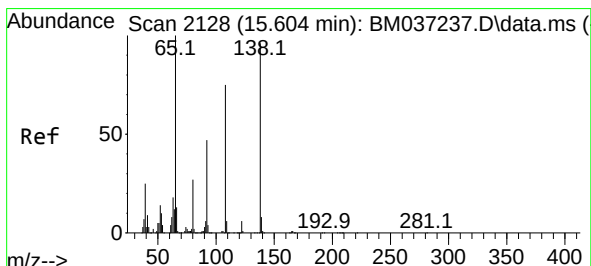
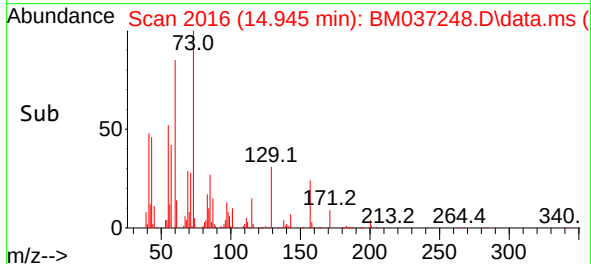
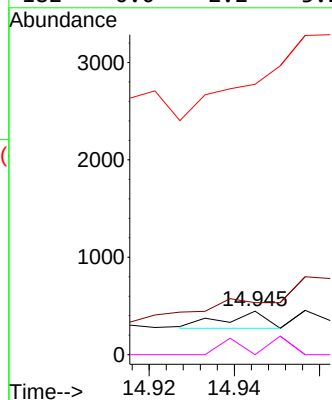
Ion Ratio Lower Upper

165 100

63 119.5 31.9 47.9#

89 620.8 55.0 82.4#

182 0.0 2.2 3.2#



#62

4-Nitroaniline

Concen: 2.428 ng

RT: 15.657 min Scan# 2137

Delta R.T. 0.053 min

Lab File: BM037248.D

Acq: 26 Oct 2022 21:37

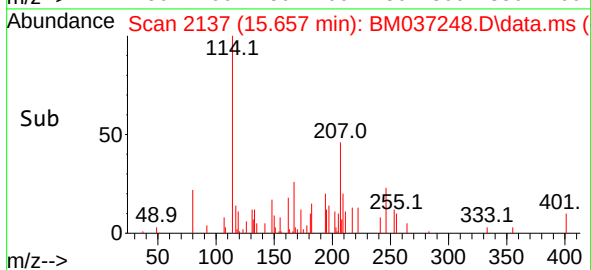
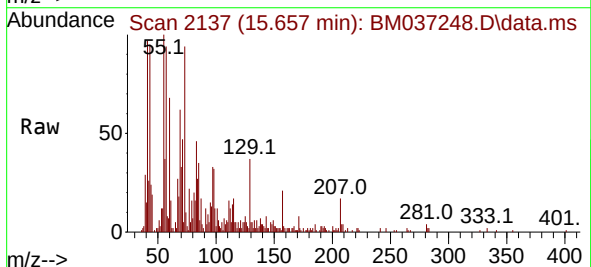
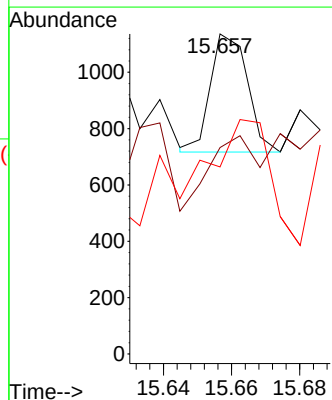
Tgt Ion:138 Resp: 315

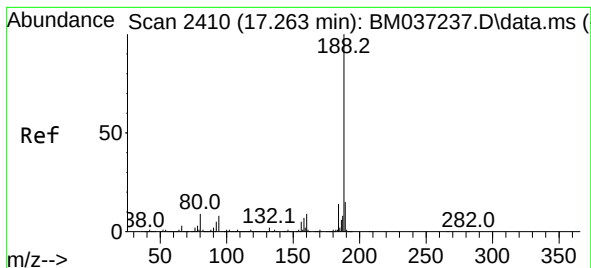
Ion Ratio Lower Upper

138 100

92 64.5 28.7 68.7

108 58.5 57.7 97.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.262 min Scan# 2410

Delta R.T. -0.001 min

Lab File: BM037248.D

Acq: 26 Oct 2022 21:37

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATERDL

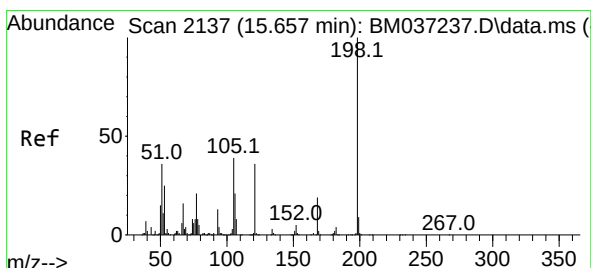
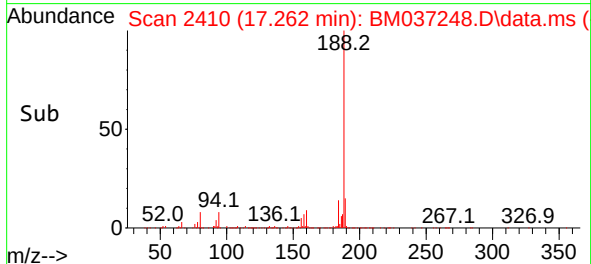
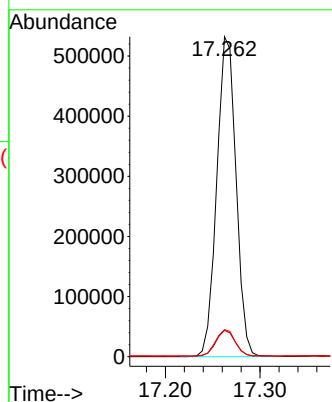
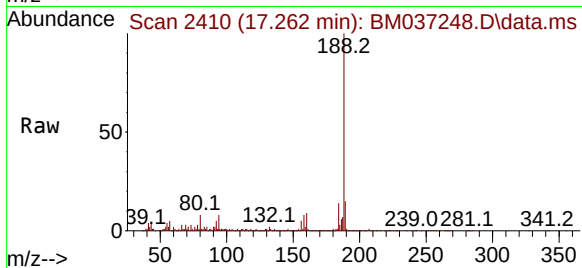
Tgt Ion:188 Resp: 753621

Ion Ratio Lower Upper

188 100

94 8.2 6.3 9.5

80 8.5 7.1 10.7



#65

4,6-Dinitro-2-methylphenol

Concen: 4.693 ng

RT: 15.880 min Scan# 2175

Delta R.T. 0.223 min

Lab File: BM037248.D

Acq: 26 Oct 2022 21:37

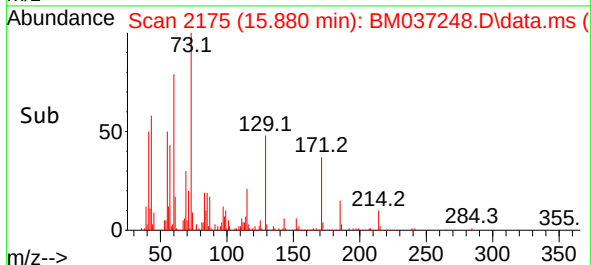
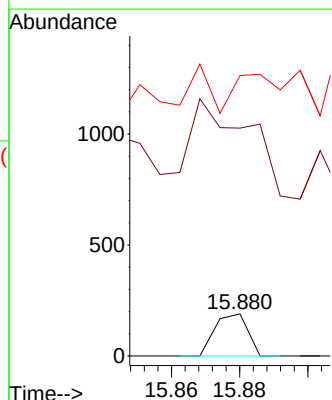
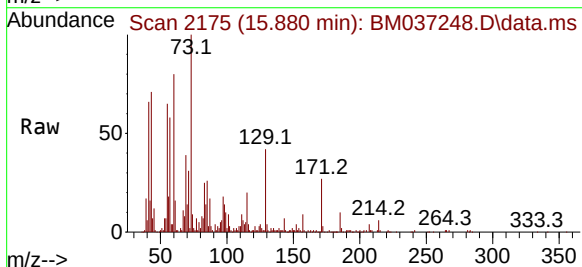
Tgt Ion:198 Resp: 126

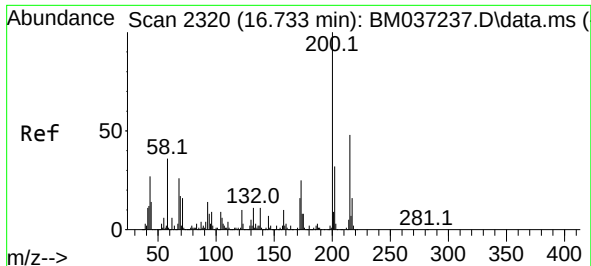
Ion Ratio Lower Upper

198 100

51 540.5 17.7 57.7#

105 665.3 19.6 59.6#

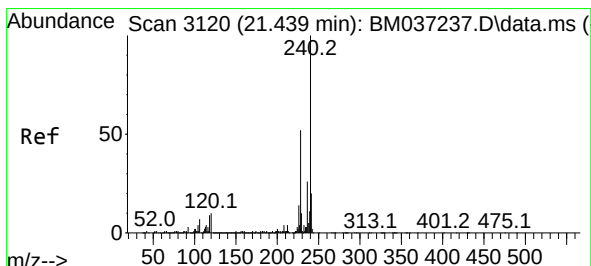
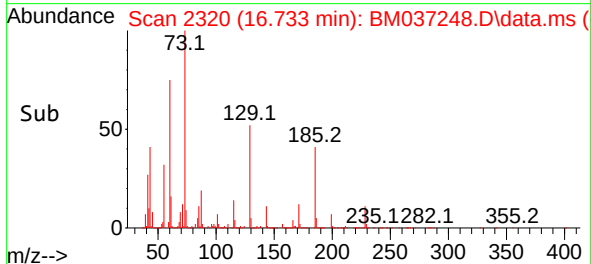
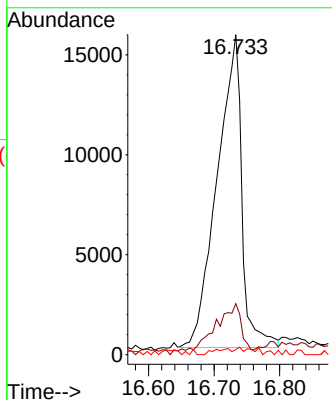
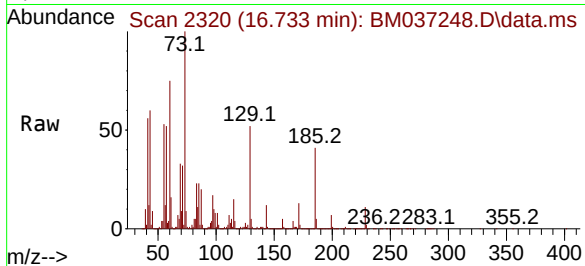




#69
Atrazine
Concen: 6.229 ng
RT: 16.733 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

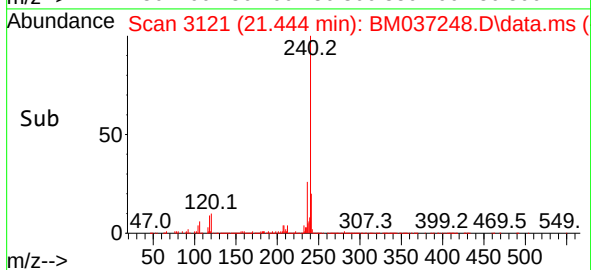
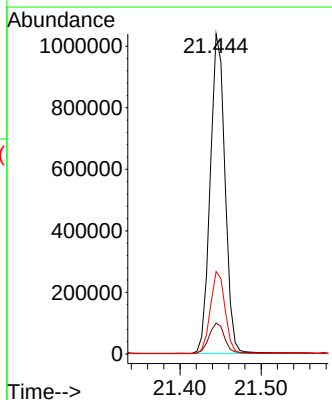
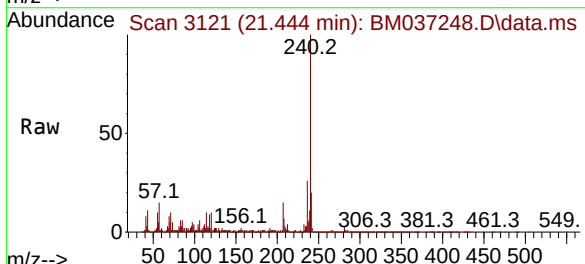
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERDL

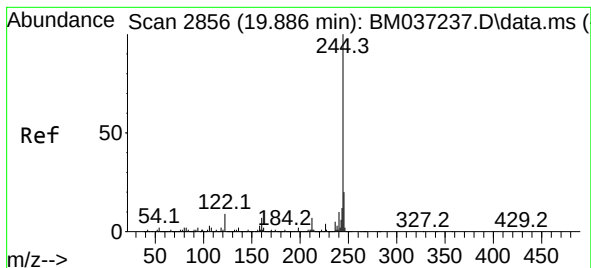
Tgt Ion:200 Resp: 40909
Ion Ratio Lower Upper
200 100
173 16.0 4.6 44.6
215 1.6 28.2 68.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

Tgt Ion:240 Resp: 1310775
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 9.797 ng

RT: 19.909 min Scan# 2

Delta R.T. 0.023 min

Lab File: BM037248.D

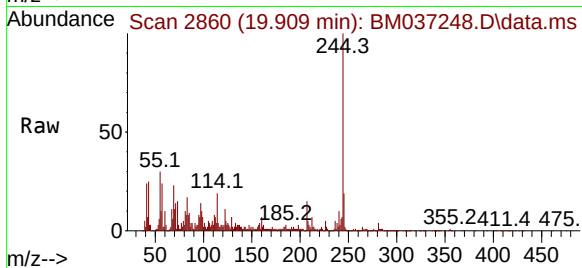
Acq: 26 Oct 2022 21:37

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATERDL



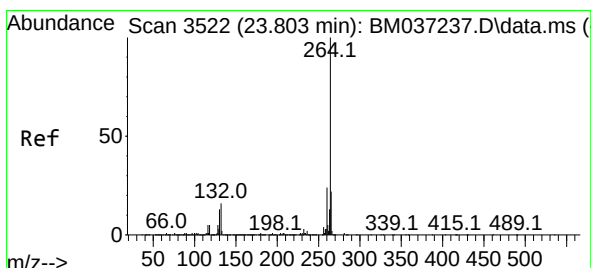
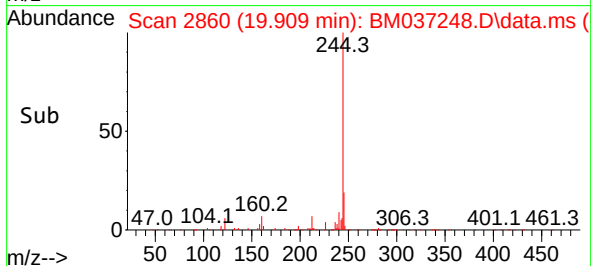
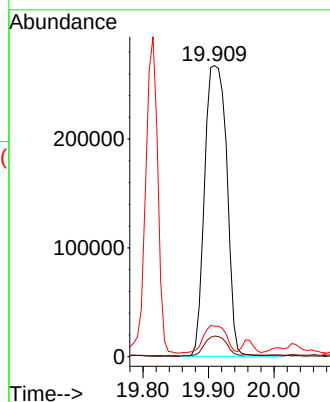
Tgt Ion:244 Resp: 627716

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.5 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3524

Delta R.T. 0.012 min

Lab File: BM037248.D

Acq: 26 Oct 2022 21:37

Tgt Ion:264 Resp: 1655179

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 23.2 17.9 26.9

