

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

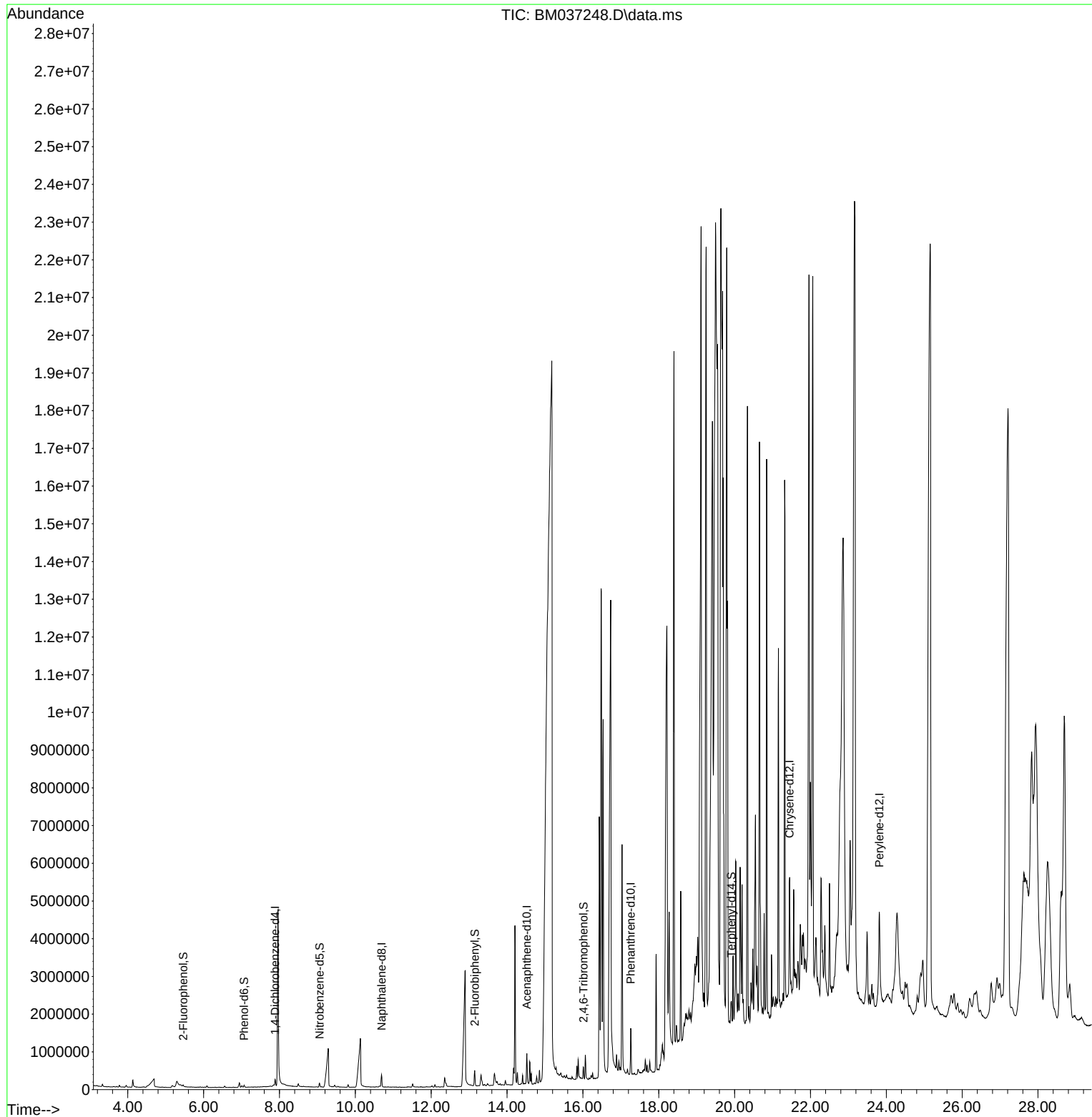
Target Compounds	Qvalue

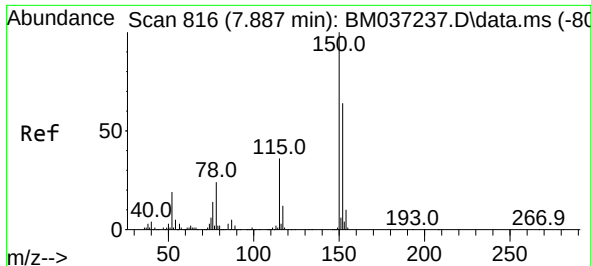
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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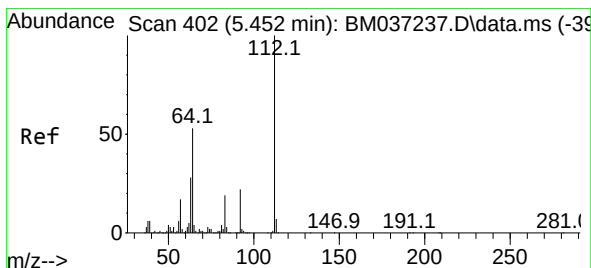
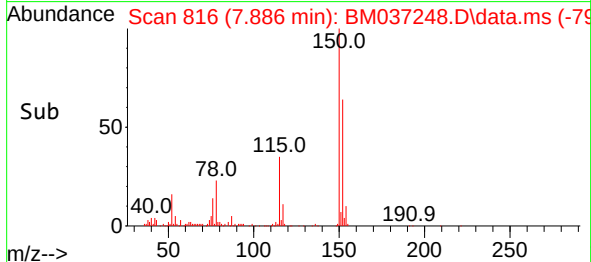
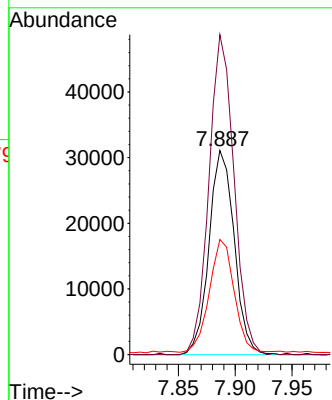
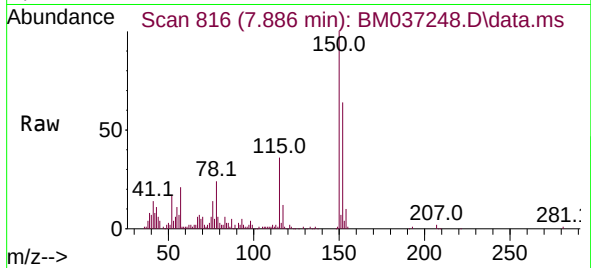




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.886 min Scan# 816
Delta R.T. -0.000 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

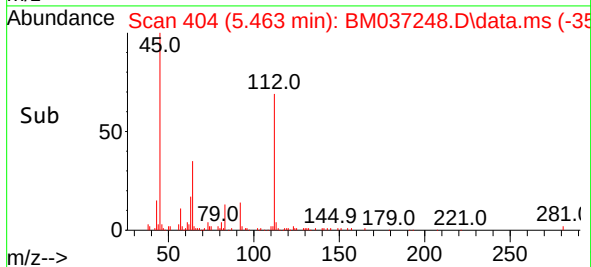
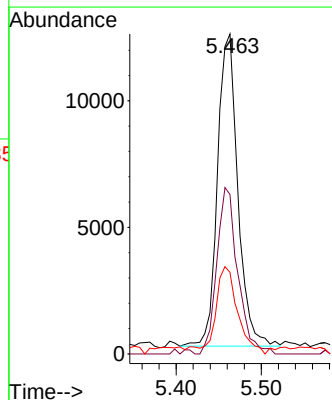
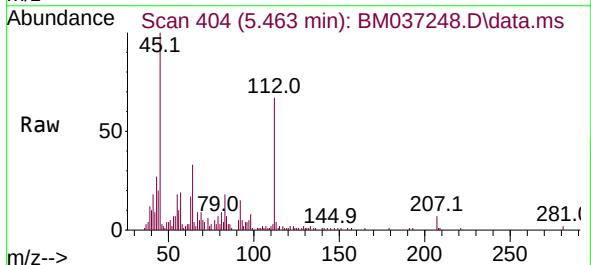
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERDL

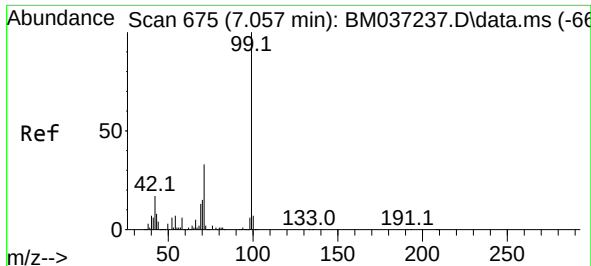
Tgt Ion:152 Resp: 47966
Ion Ratio Lower Upper
152 100
150 156.8 125.6 188.4
115 56.4 45.2 67.8



#5
2-Fluorophenol
Concen: 8.740 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.011 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

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

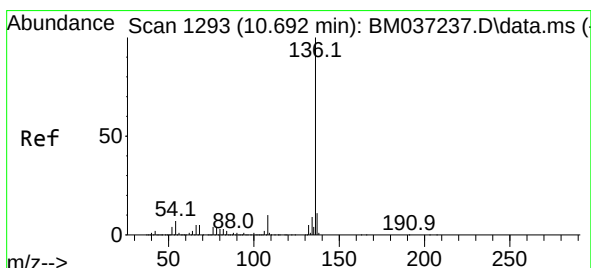
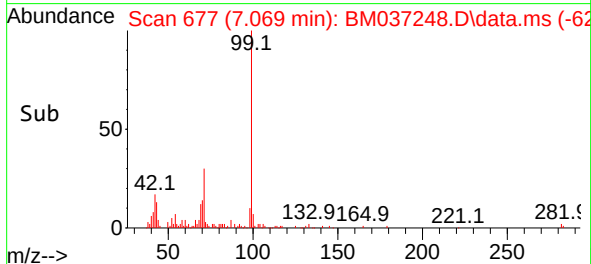
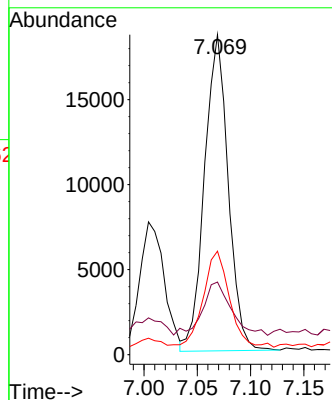
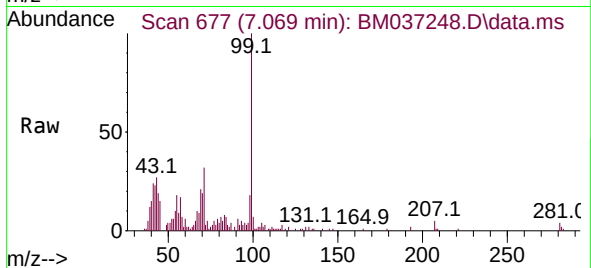




#7
Phenol-d6
Concen: 8.890 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

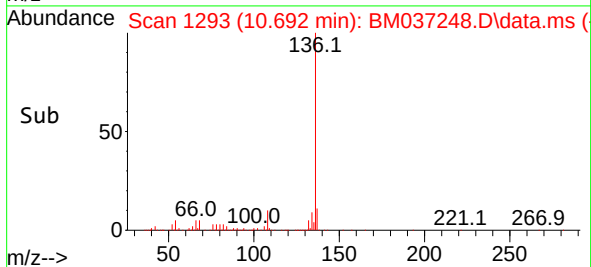
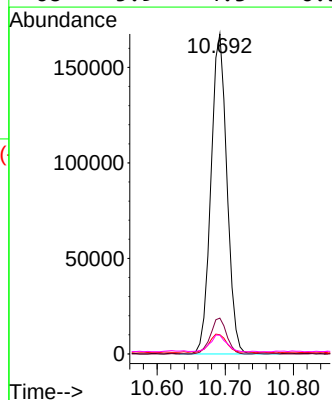
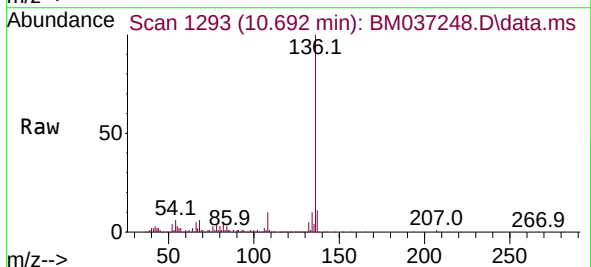
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERDL

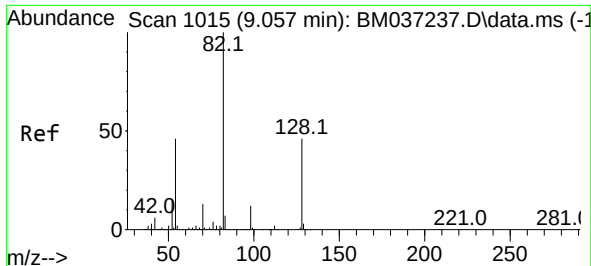
Tgt Ion: 99 Resp: 28787
Ion Ratio Lower Upper
99 100
42 22.7 13.8 20.6#
71 32.3 26.5 39.7



#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

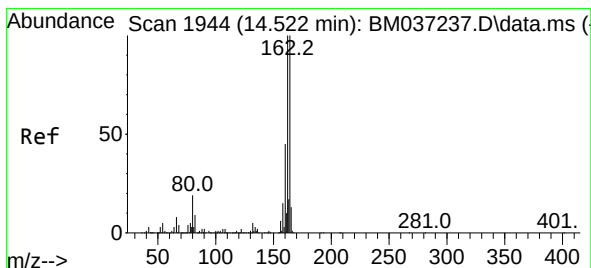
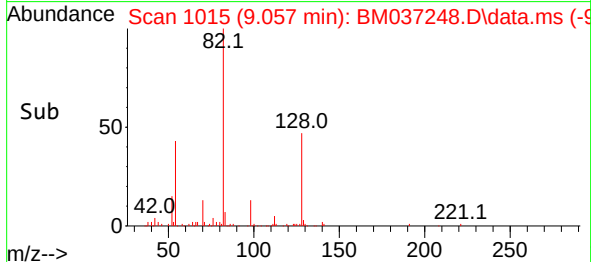
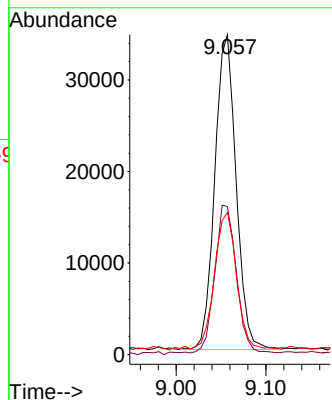
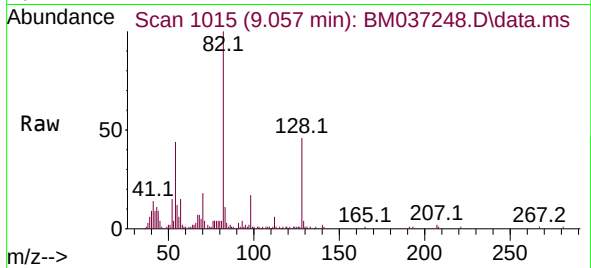




#23
Nitrobenzene-d5
Concen: 11.926 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

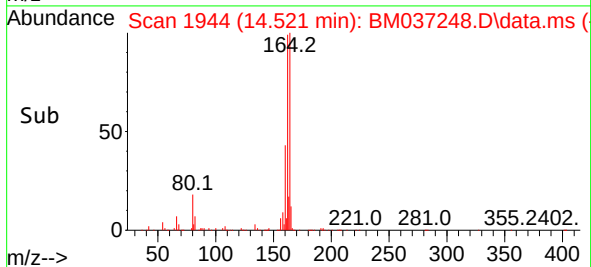
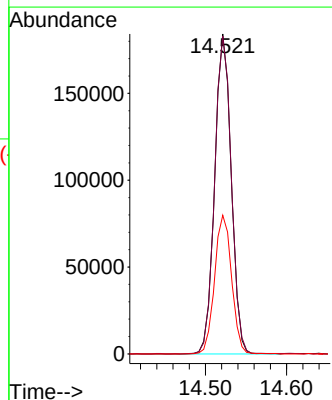
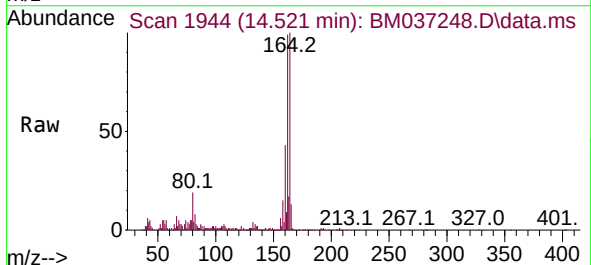
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATERDL

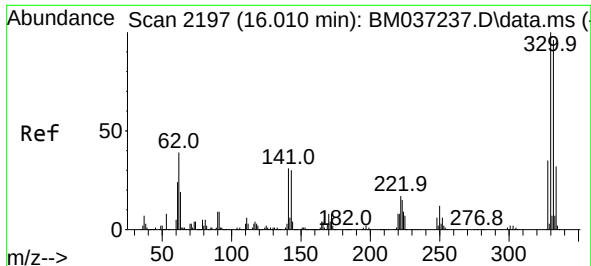
Tgt Ion: 82 Resp: 56977
Ion Ratio Lower Upper
82 100
128 46.3 36.7 55.1
54 44.4 36.6 55.0



#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

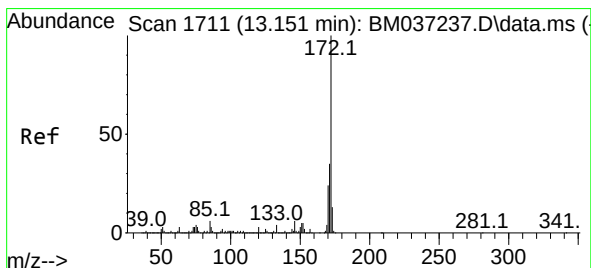
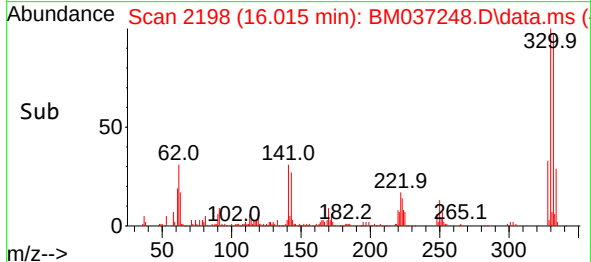
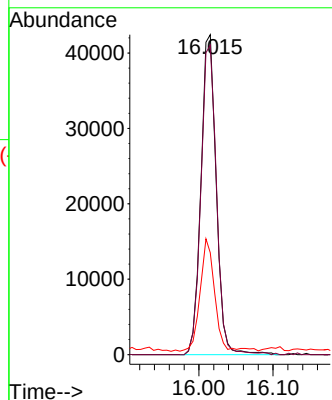
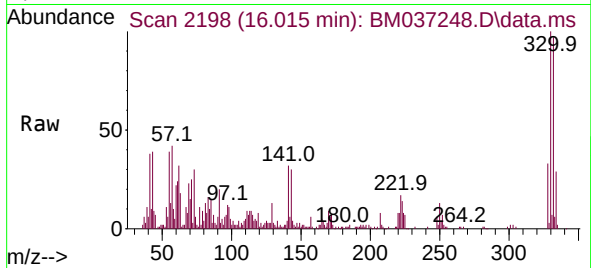




#42
2,4,6-Tribromophenol
Concen: 18.889 ng
RT: 16.015 min Scan# 2197
Delta R.T. 0.005 min
Lab File: BM037248.D
Acq: 26 Oct 2022 21:37

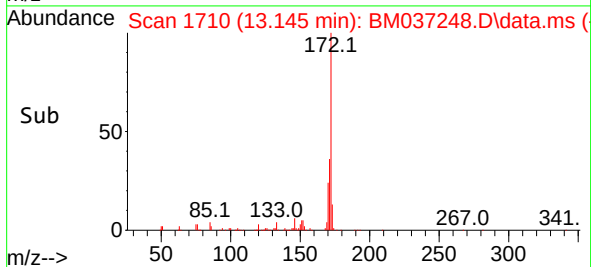
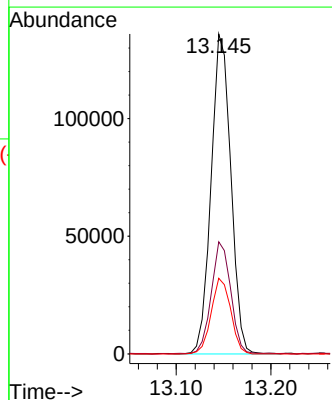
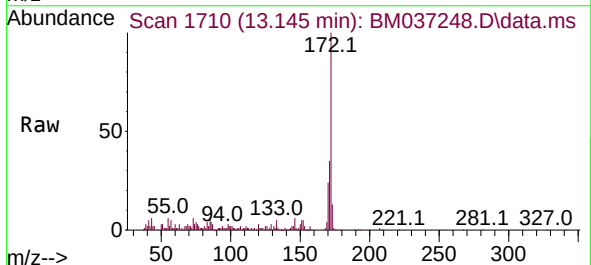
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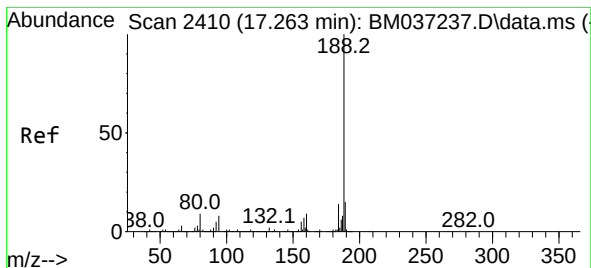
Tgt Ion:330 Resp: 60981
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.6
141 33.1 25.3 37.9



#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





#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

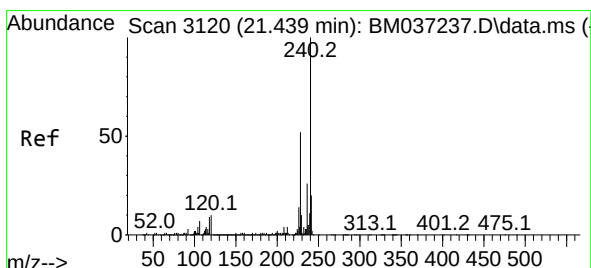
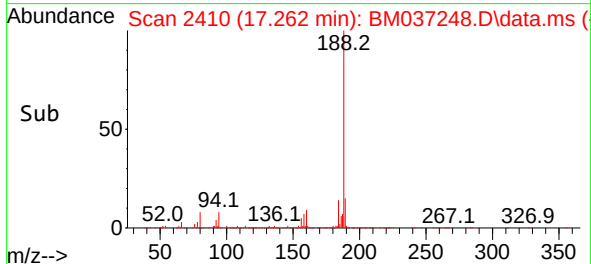
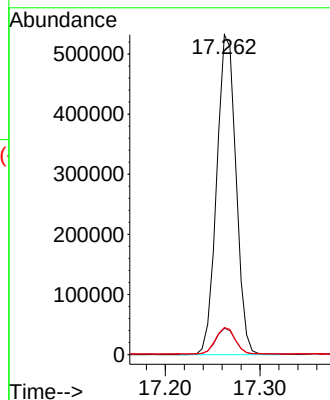
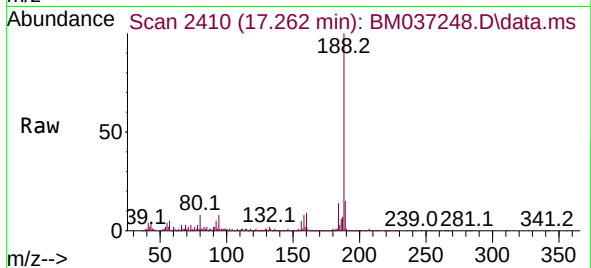
Tgt Ion:188 Resp: 753621

Ion Ratio Lower Upper

188 100

94 8.2 6.3 9.5

80 8.5 7.1 10.7



#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

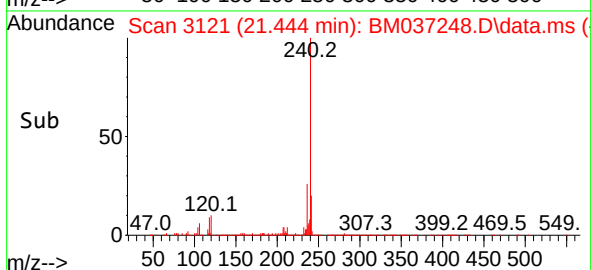
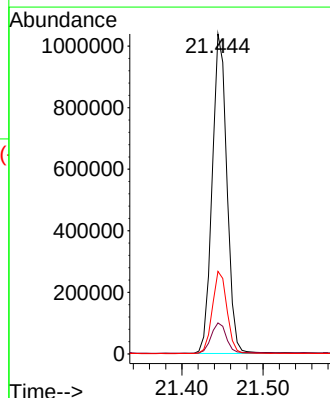
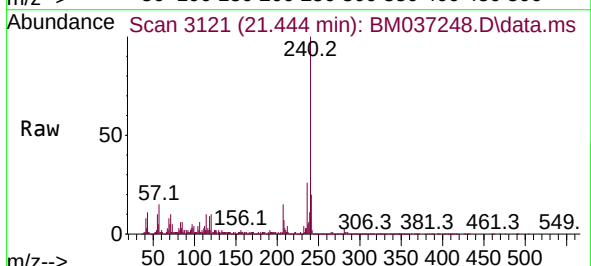
Tgt Ion:240 Resp: 1310775

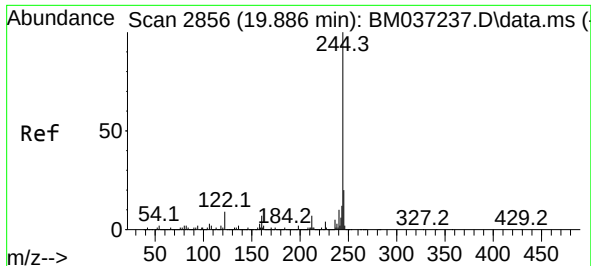
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.8 21.0 31.4

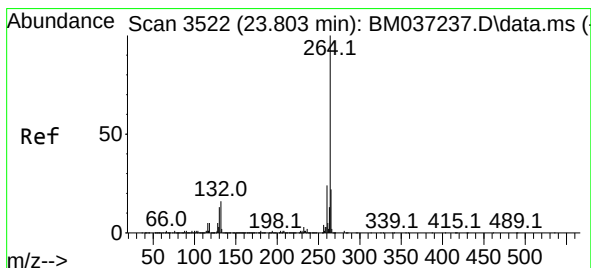
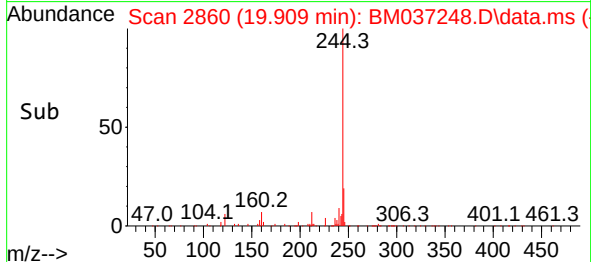
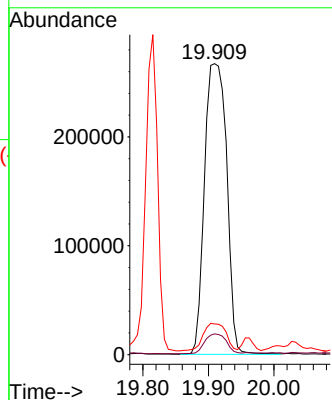
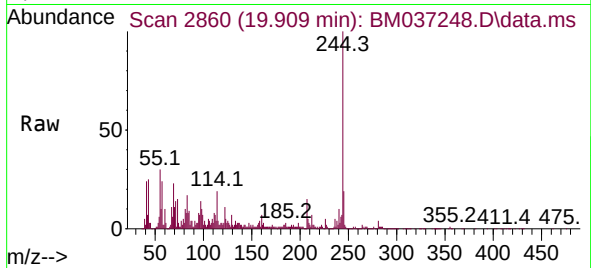




#79
 Terphenyl-d14
 Concen: 9.797 ng
 RT: 19.909 min Scan# 2856
 Delta R.T. 0.023 min
 Lab File: BM037248.D
 Acq: 26 Oct 2022 21:37

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

