

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044746.D
 Acq On : 22 Mar 2024 22:04
 Operator : MA/JU
 Sample : P1820-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WASTE-WATER

Quant Time: Mar 22 23:04:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

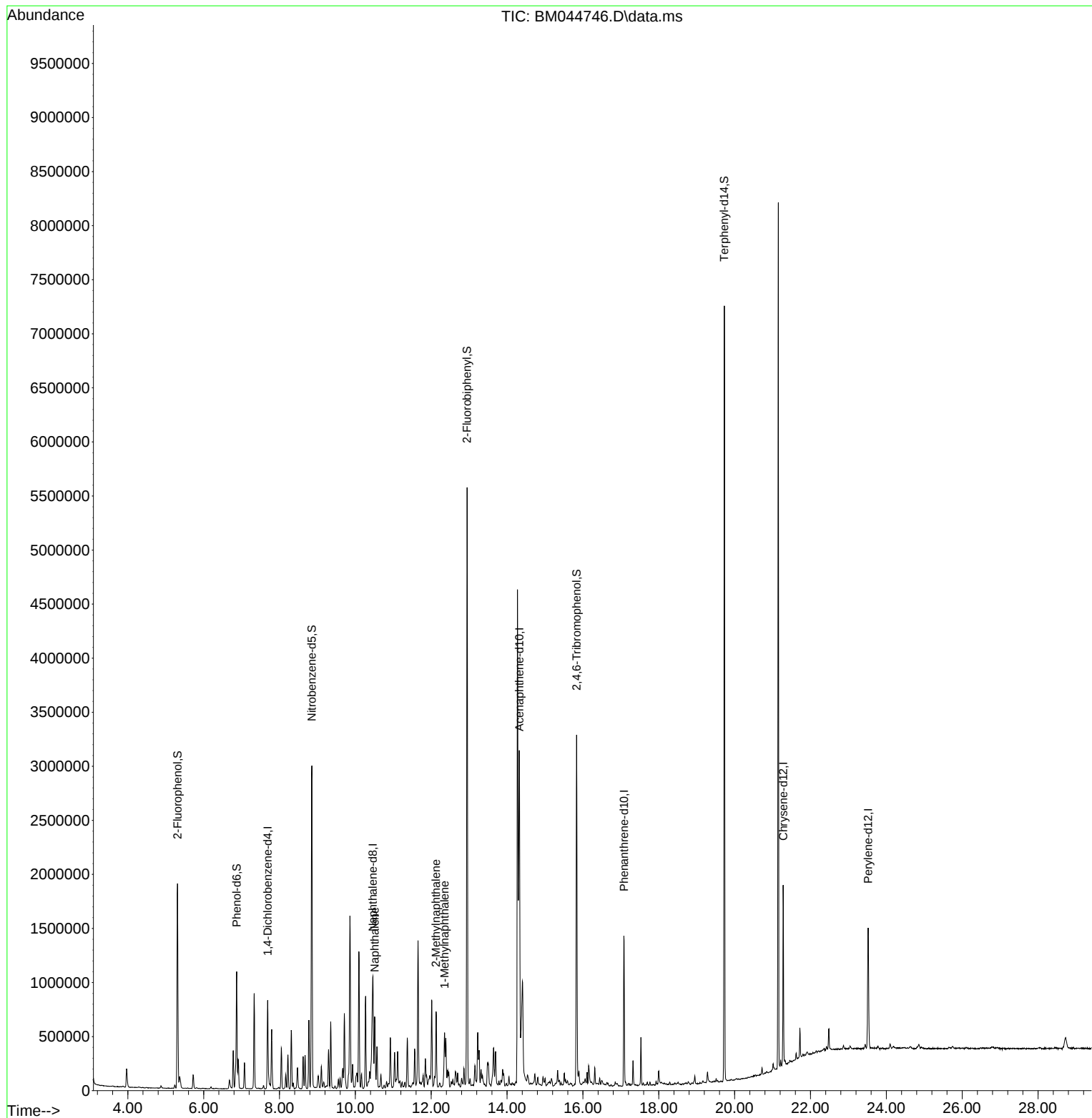
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	218670	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	811308	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	454281	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	821094	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	692607	20.000	ng	-0.02
86) Perylene-d12	23.521	264	790925	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	894878	58.757	ng	0.00
7) Phenol-d6	6.869	99	639930	32.660	ng	-0.01
23) Nitrobenzene-d5	8.851	82	1486824	88.288	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	570974	113.954	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2730271	82.772	ng	-0.02
79) Terphenyl-d14	19.727	244	3305018	83.476	ng	-0.02
Target Compounds						
					Qvalue	
31) Naphthalene	10.510	128	268779	6.037	ng	# 93
37) 2-Methylnaphthalene	12.127	142	331270	10.962	ng	98
38) 1-Methylnaphthalene	12.351	142	231525	8.220	ng	99

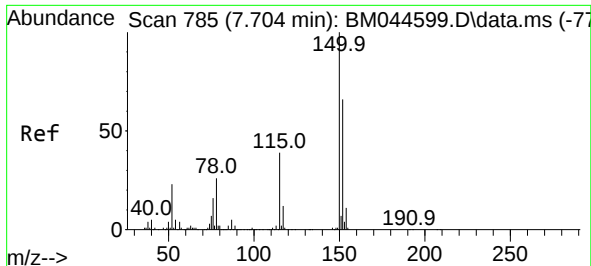
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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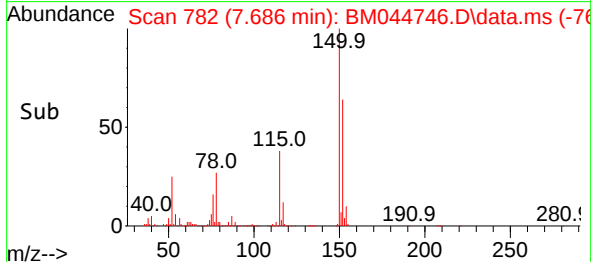
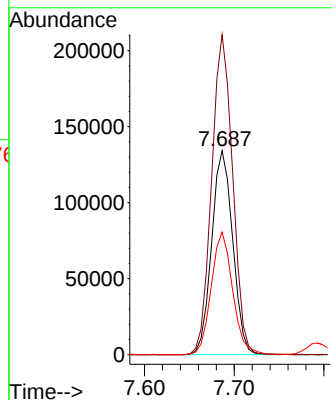
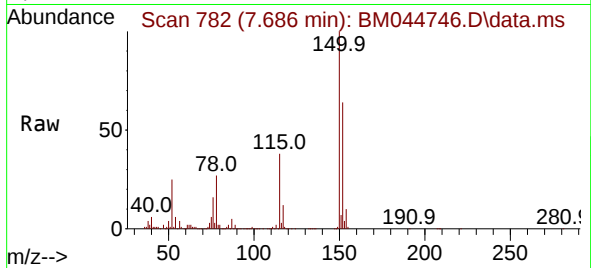




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

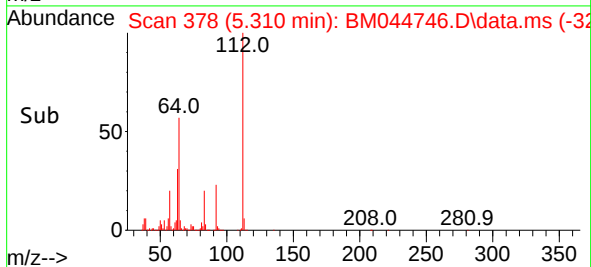
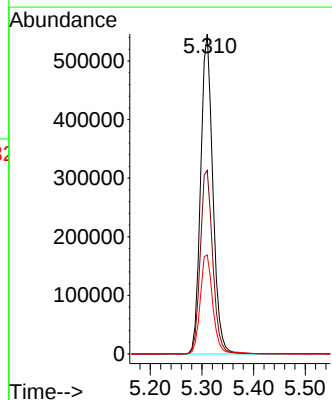
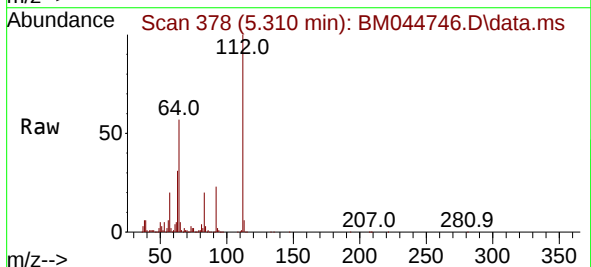
Instrument :
BNA_M
ClientSampleId :
WASTE-WATER

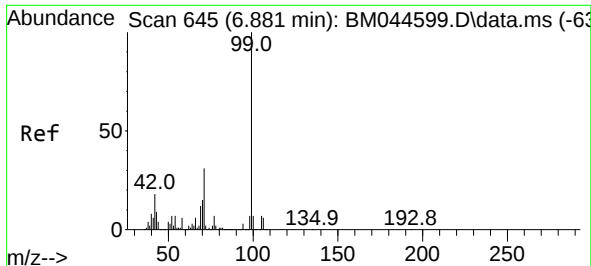
Tgt Ion:152 Resp: 218670
Ion Ratio Lower Upper
152 100
150 156.8 121.9 182.9
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 58.757 ng
RT: 5.310 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

Tgt Ion:112 Resp: 894878
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 30.9 25.0 37.4

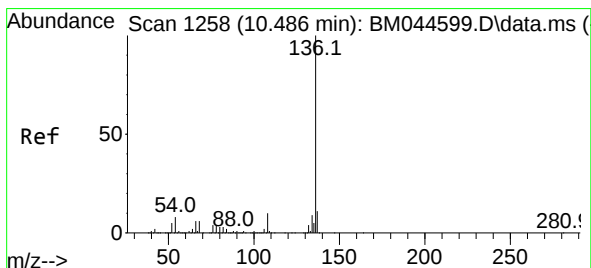
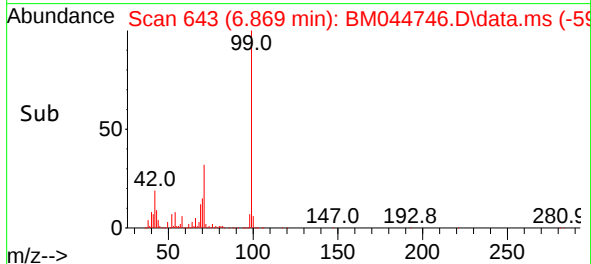
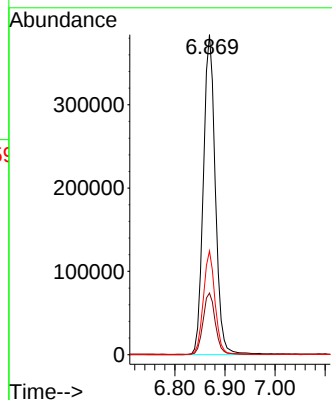
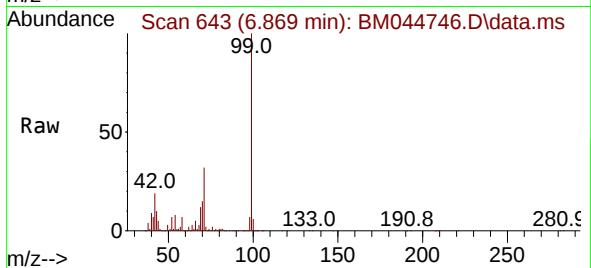




#7
Phenol-d6
Concen: 32.660 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

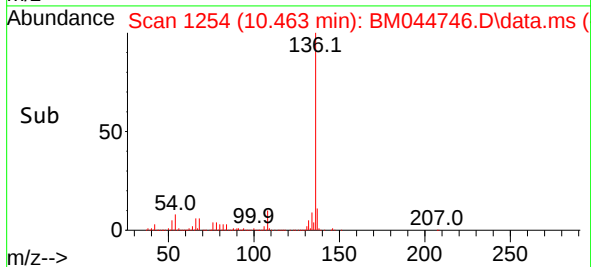
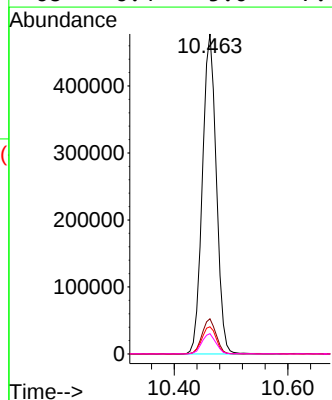
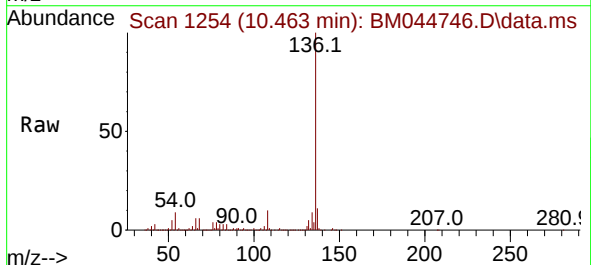
Instrument :
BNA_M
ClientSampleId :
WASTE-WATER

Tgt Ion: 99 Resp: 639930
Ion Ratio Lower Upper
99 100
42 19.2 14.3 21.5
71 32.4 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

Tgt Ion: 136 Resp: 811308
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.5 6.6 10.0
68 6.4 5.0 7.4

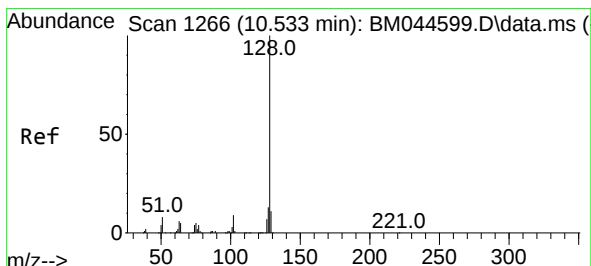
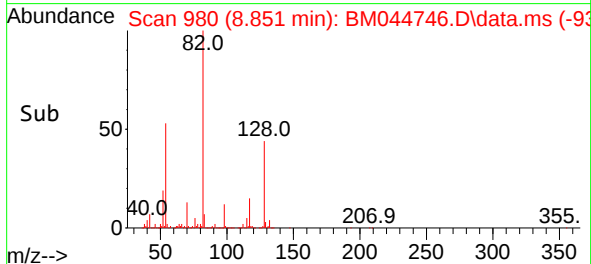
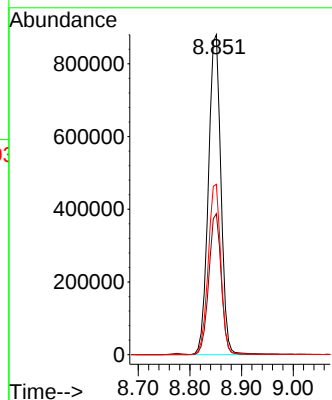
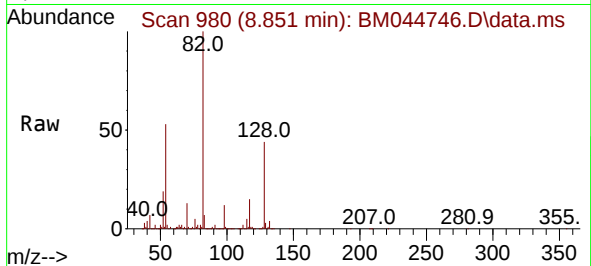




#23
Nitrobenzene-d5
Concen: 88.288 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

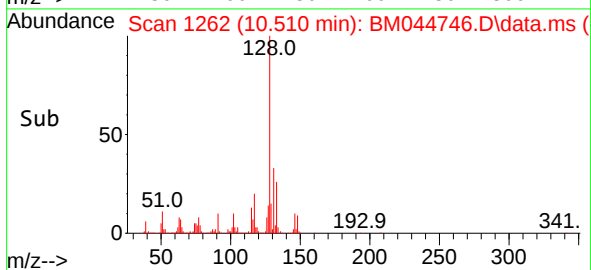
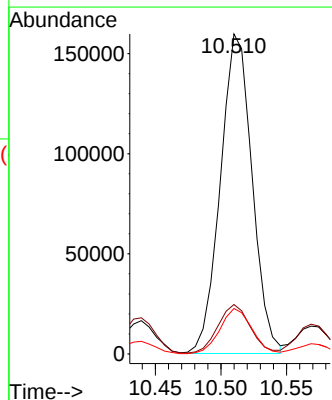
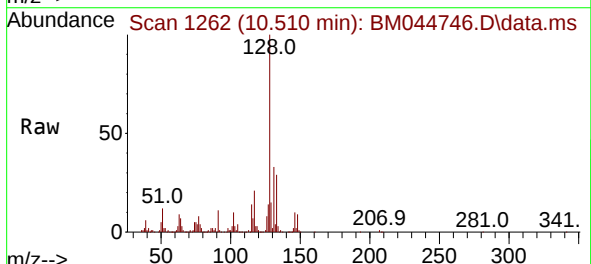
Instrument :
BNA_M
ClientSampleId :
WASTE-WATER

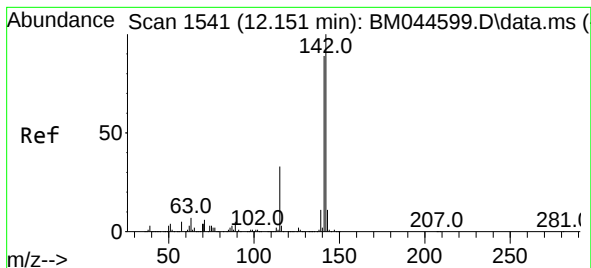
Tgt Ion: 82 Resp: 1486824
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 53.2 41.3 61.9



#31
Naphthalene
Concen: 6.037 ng
RT: 10.510 min Scan# 1262
Delta R.T. -0.024 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

Tgt Ion:128 Resp: 268779
Ion Ratio Lower Upper
128 100
129 15.5 8.7 13.1#
127 14.2 10.2 15.4





#37

2-Methylnaphthalene

Concen: 10.962 ng

RT: 12.127 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM044746.D

Acq: 22 Mar 2024 22:04

Instrument :

BNA_M

ClientSampleId :

WASTE-WATER

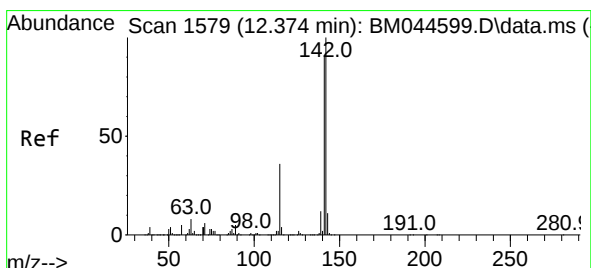
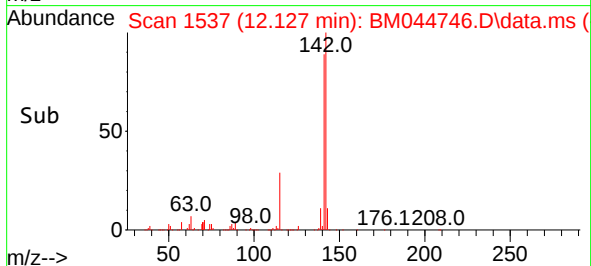
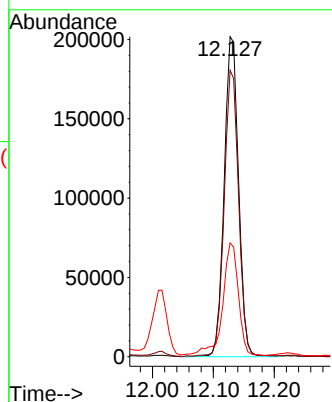
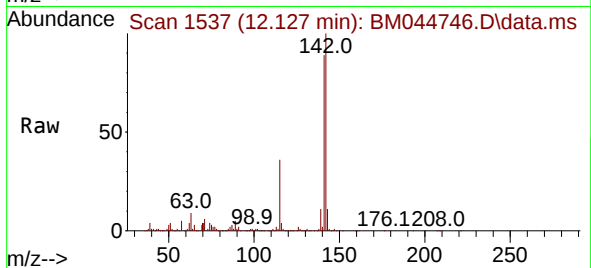
Tgt Ion:142 Resp: 331270

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6

115 35.5 26.6 40.0



#38

1-Methylnaphthalene

Concen: 8.220 ng

RT: 12.351 min Scan# 1575

Delta R.T. -0.024 min

Lab File: BM044746.D

Acq: 22 Mar 2024 22:04

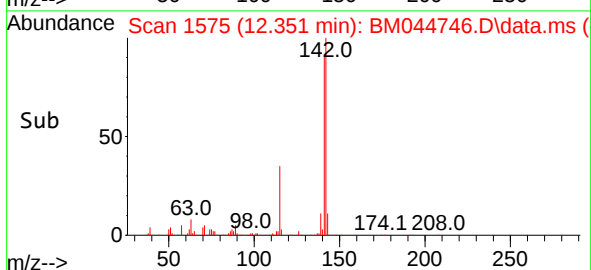
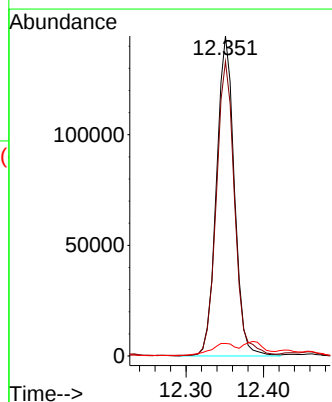
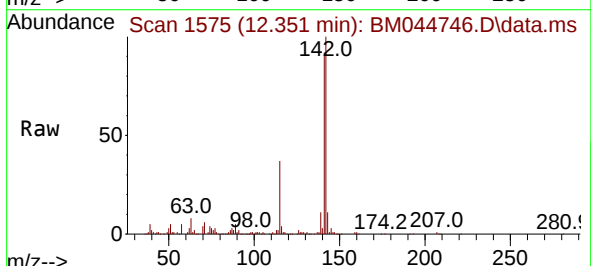
Tgt Ion:142 Resp: 231525

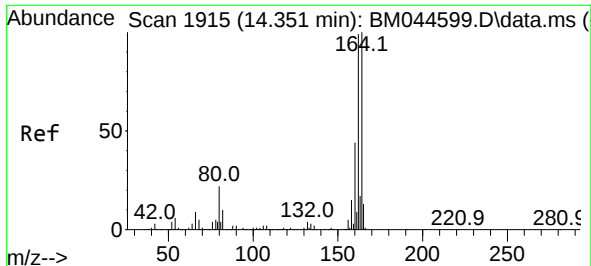
Ion Ratio Lower Upper

142 100

141 92.0 72.9 109.3

116 3.9 2.9 4.3

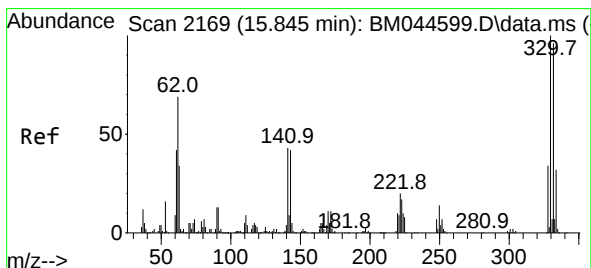
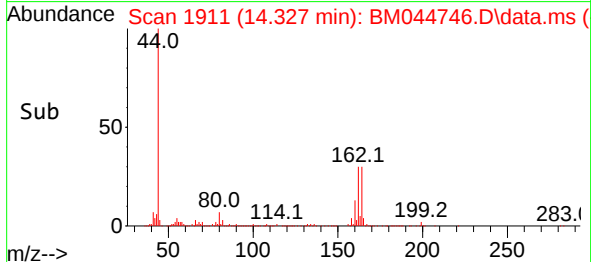
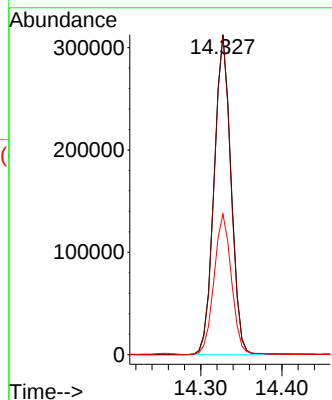
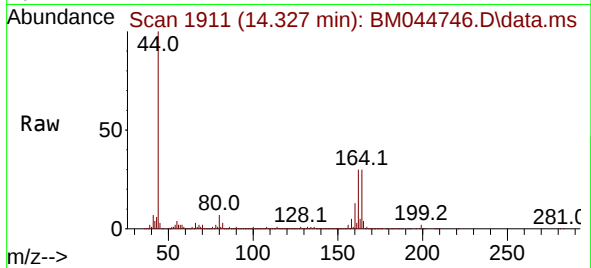




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.024 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

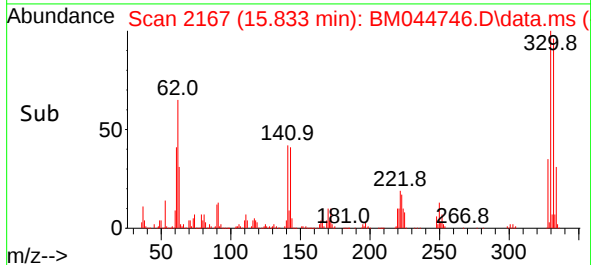
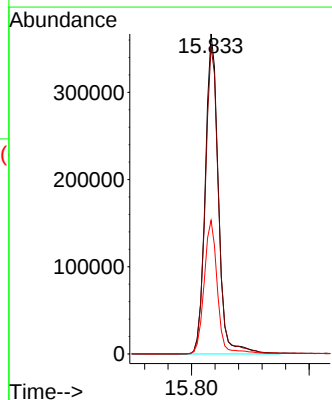
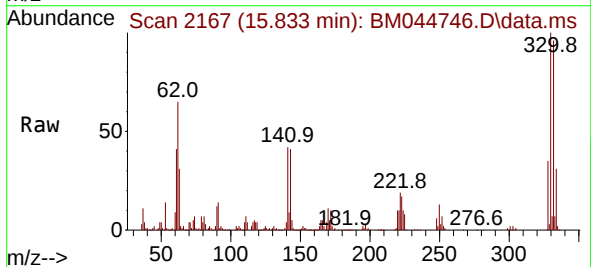
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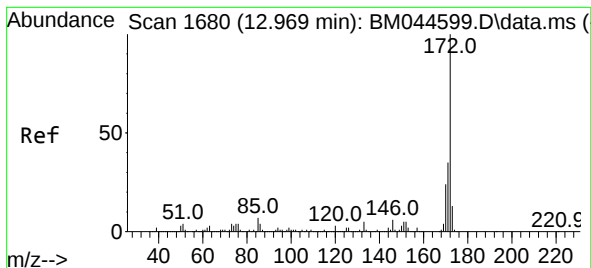
Tgt Ion:164 Resp: 454281
Ion Ratio Lower Upper
164 100
162 99.9 79.3 118.9
160 44.0 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 113.954 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

Tgt Ion:330 Resp: 570974
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 41.6 33.4 50.0

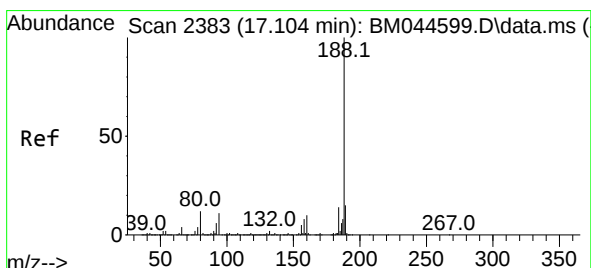
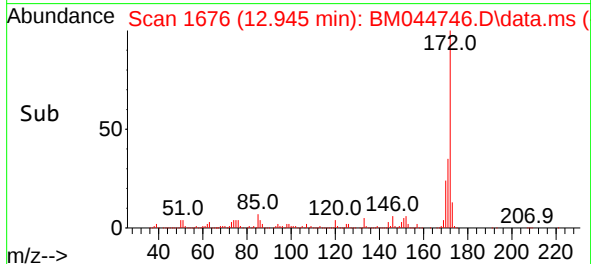
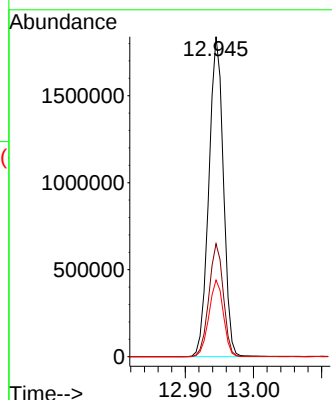
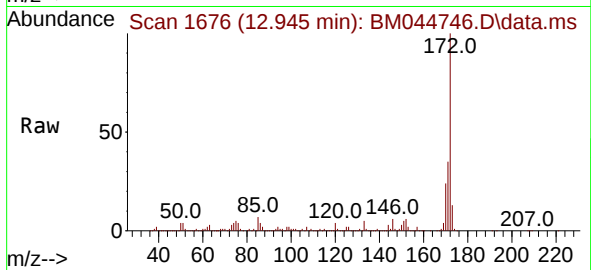




#45
2-Fluorobiphenyl
Concen: 82.772 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

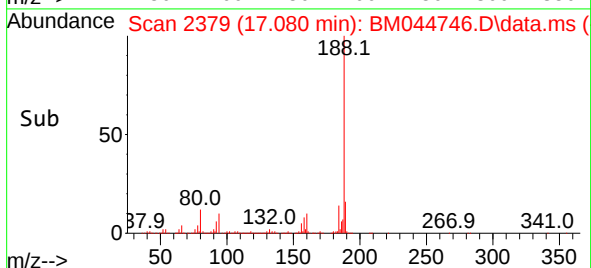
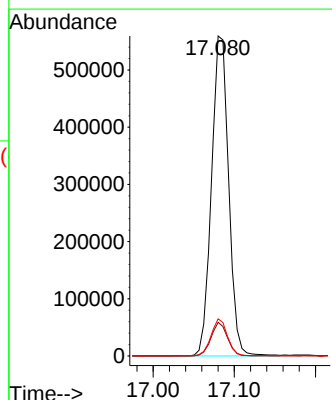
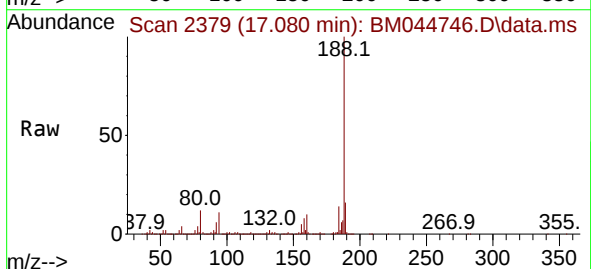
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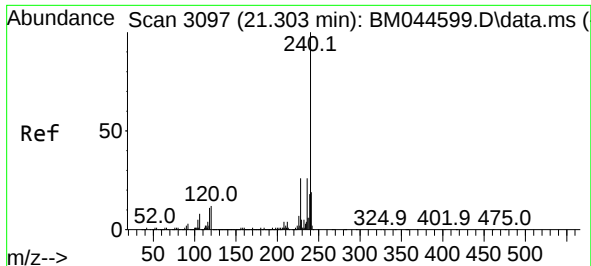
Tgt Ion:172 Resp: 2730271
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.024 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

Tgt Ion:188 Resp: 821094
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 11.6 9.4 14.0

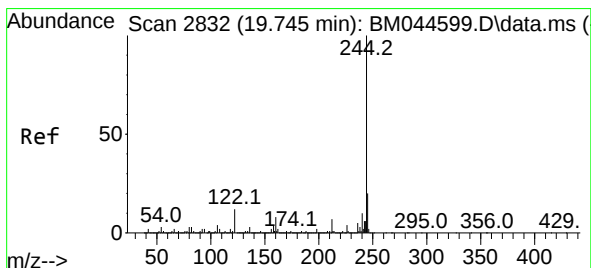
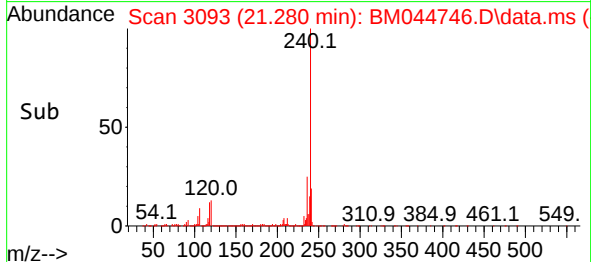
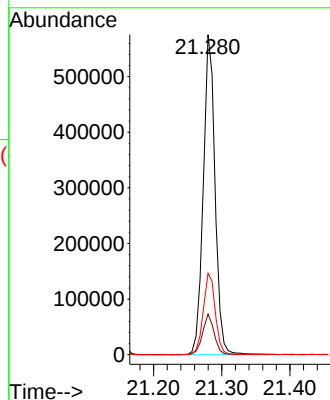
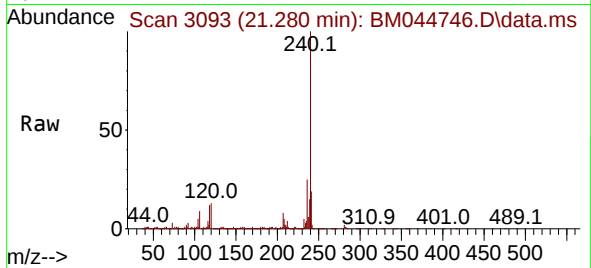




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3093
Delta R.T. -0.024 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

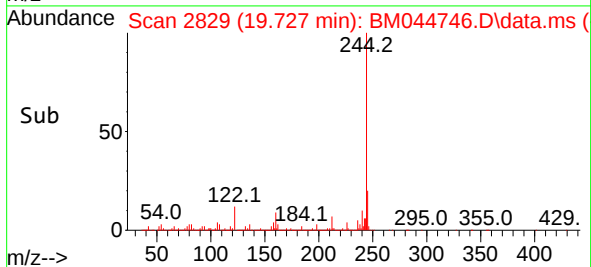
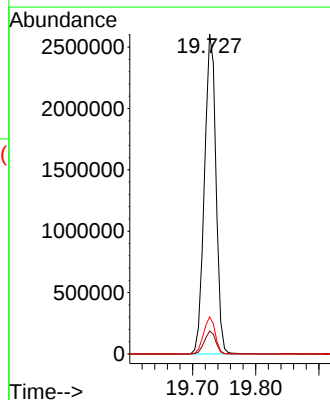
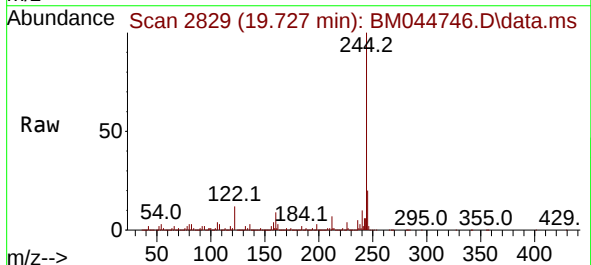
Instrument :
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WASTE-WATER

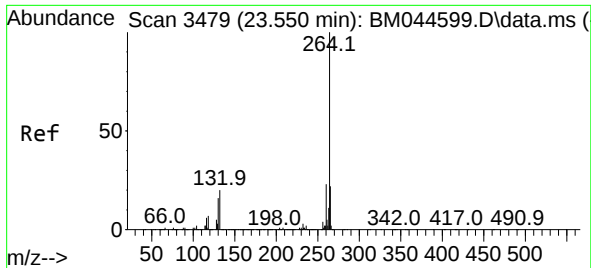
Tgt Ion:240 Resp: 692607
Ion Ratio Lower Upper
240 100
120 12.7 9.7 14.5
236 25.5 21.0 31.4



#79
Terphenyl-d14
Concen: 83.476 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.018 min
Lab File: BM044746.D
Acq: 22 Mar 2024 22:04

Tgt Ion:244 Resp: 3305018
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 11.6 9.7 14.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.521 min Scan# 34
 Delta R.T. -0.029 min
 Lab File: BM044746.D
 Acq: 22 Mar 2024 22:04

Instrument :
 BNA_M
 ClientSampleId :
 WASTE-WATER

Tgt Ion:264 Resp: 790925
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 22.6 17.5 26.3

