

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041386.D
 Acq On : 11 Aug 2023 14:22
 Operator : MA/JU
 Sample : 03955-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-22

Quant Time: Aug 11 18:09:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	135734	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	538102	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	368006	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	902408	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1001045	20.000	ng	0.00
86) Perylene-d12	23.780	264	1130610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1020573	112.377	ng	0.00
7) Phenol-d6	6.963	99	1178342	100.096	ng	0.00
23) Nitrobenzene-d5	8.951	82	932963	80.630	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	778983	149.653	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2261325	77.624	ng	0.00
79) Terphenyl-d14	19.845	244	4958687	89.562	ng	0.00

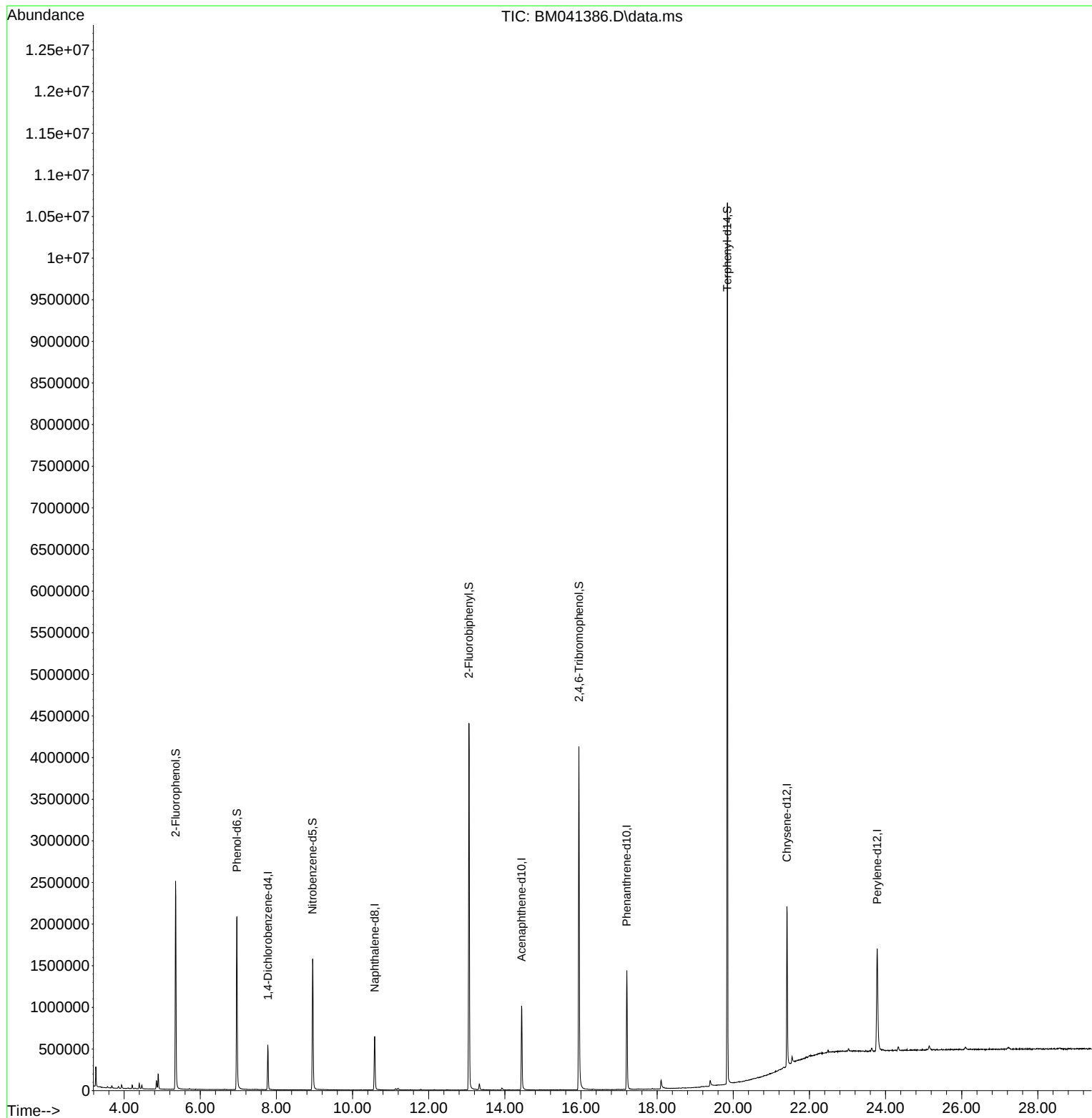
Target Compounds	Qvalue

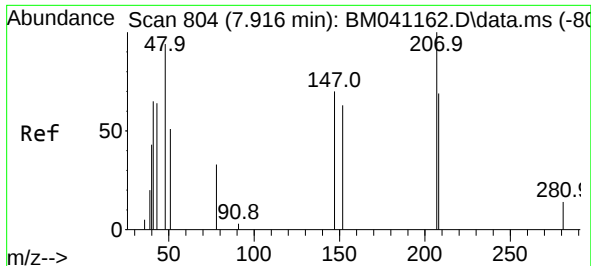
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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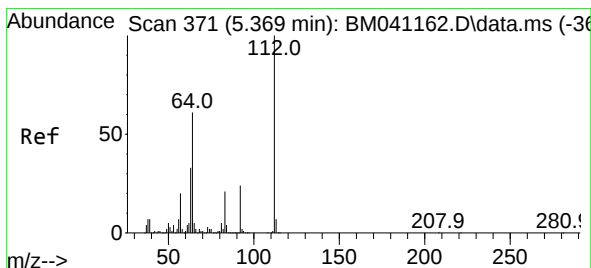
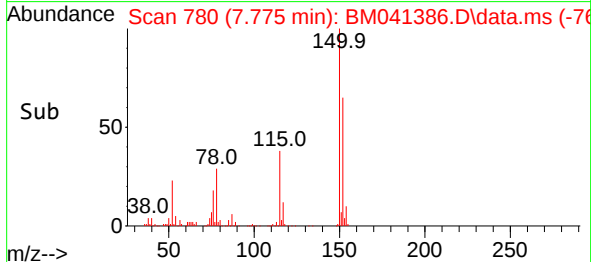
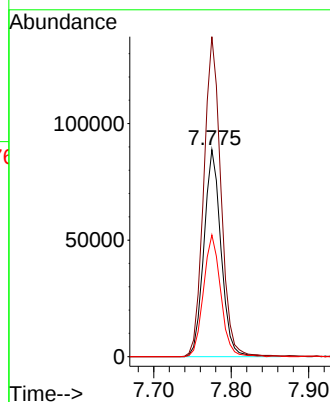
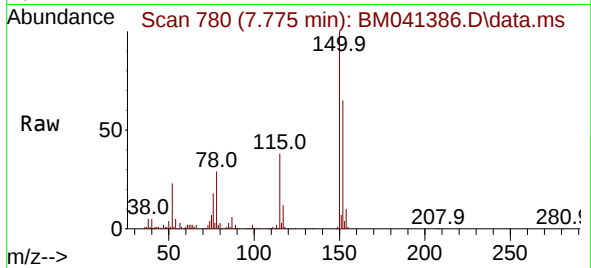




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BM041386.D
 Acq: 11 Aug 2023 14:22

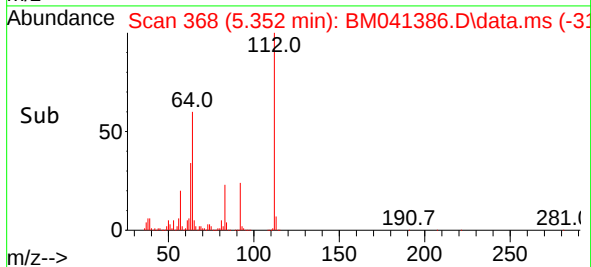
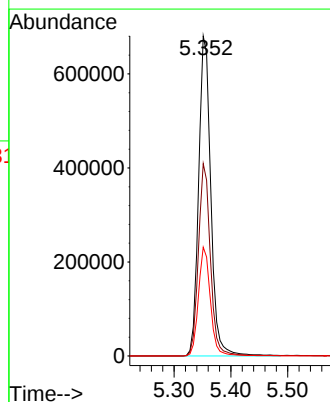
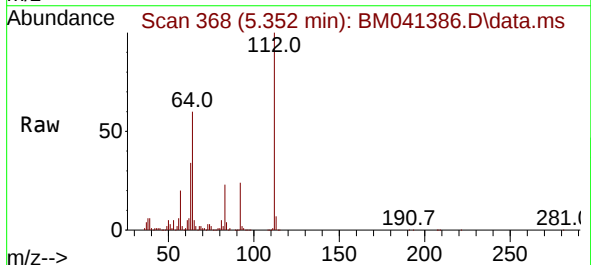
Instrument :
 BNA_M
 ClientSampleId :
 WC-22

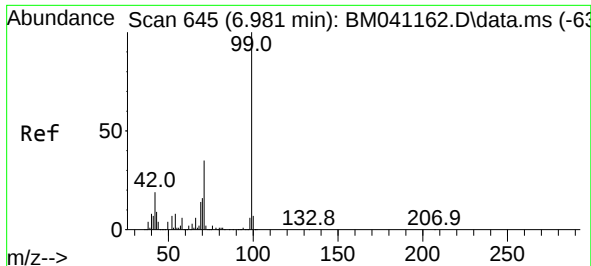
Tgt Ion:152 Resp: 135734
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.5 188.3
 115 58.8 48.0 72.0



#5
 2-Fluorophenol
 Concen: 112.377 ng
 RT: 5.352 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: BM041386.D
 Acq: 11 Aug 2023 14:22

Tgt Ion:112 Resp: 1020573
 Ion Ratio Lower Upper
 112 100
 64 60.1 48.5 72.7
 63 34.0 26.5 39.7

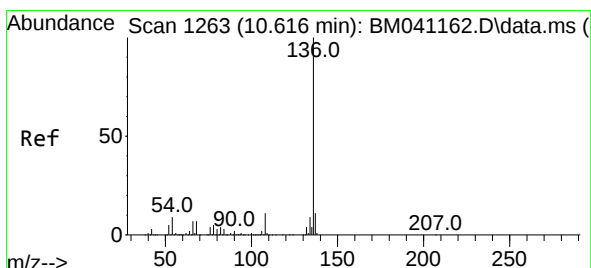
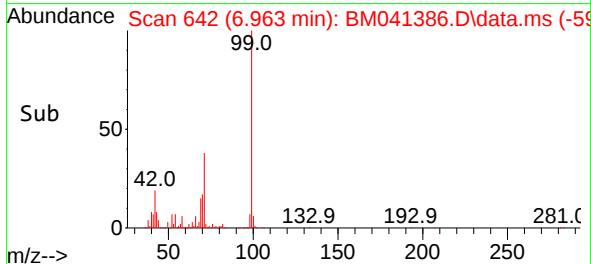
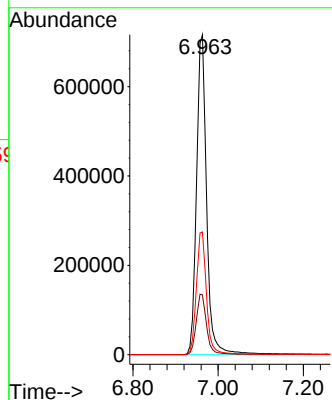
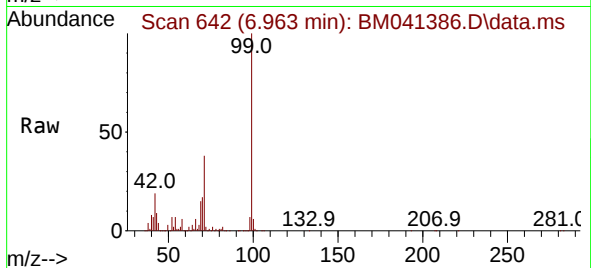




#7
Phenol-d6
Concen: 100.096 ng
RT: 6.963 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

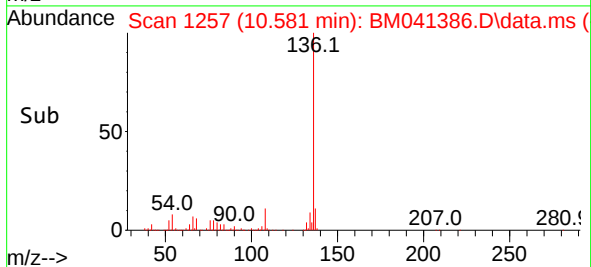
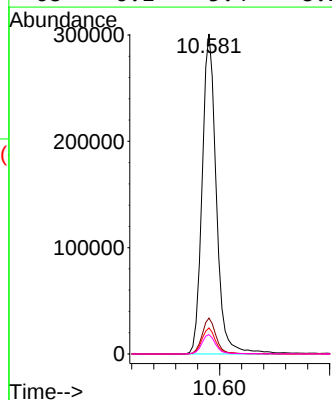
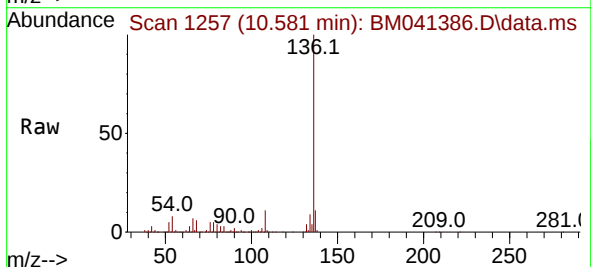
Instrument :
BNA_M
ClientSampleId :
WC-22

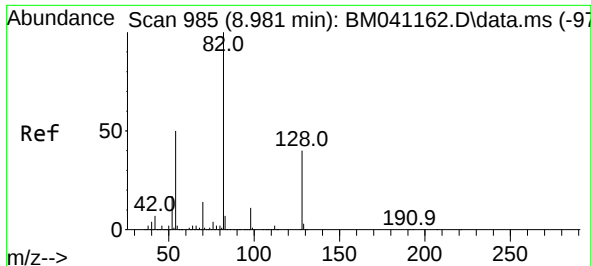
Tgt Ion: 99 Resp: 1178342
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 38.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Tgt Ion: 136 Resp: 538102
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 6.9 10.3
68 6.1 5.4 8.2

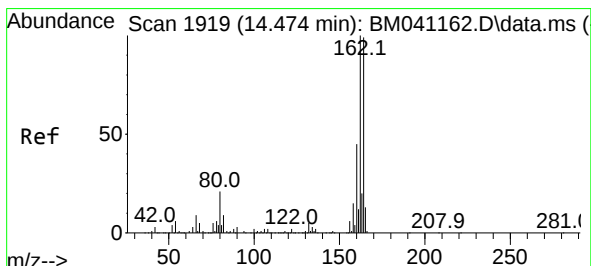
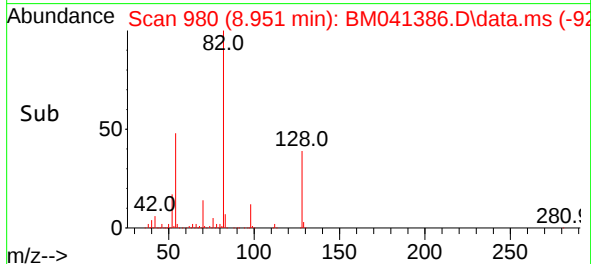
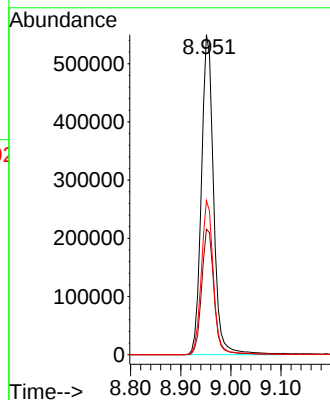
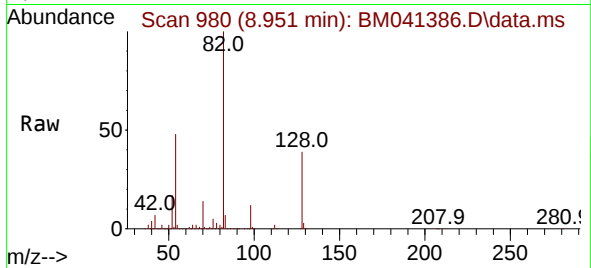




#23
Nitrobenzene-d5
Concen: 80.630 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

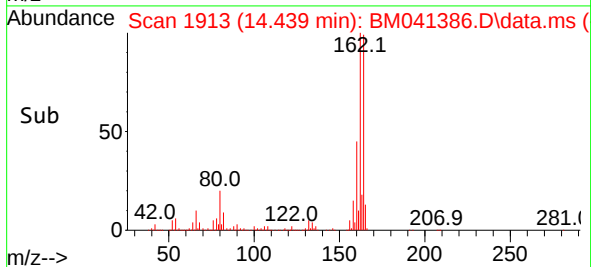
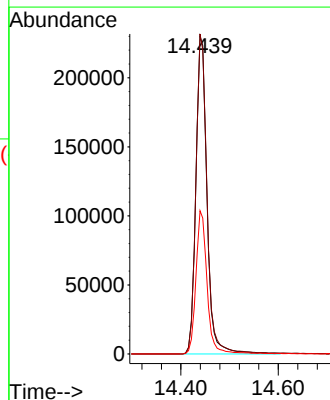
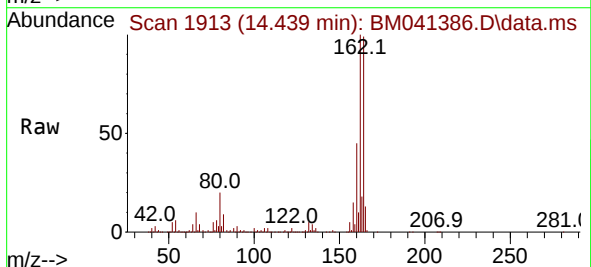
Instrument :
BNA_M
ClientSampleId :
WC-22

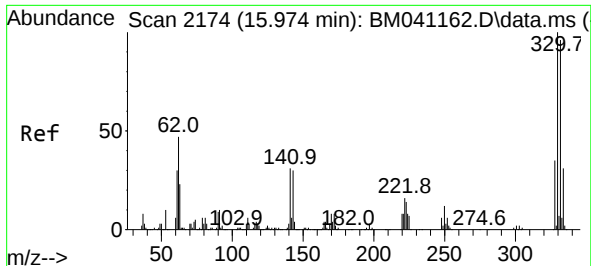
Tgt Ion: 82 Resp: 932963
Ion Ratio Lower Upper
82 100
128 39.2 31.8 47.6
54 48.1 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Tgt Ion: 164 Resp: 368006
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 45.1 36.2 54.2

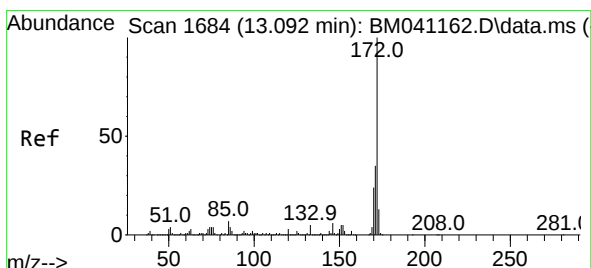
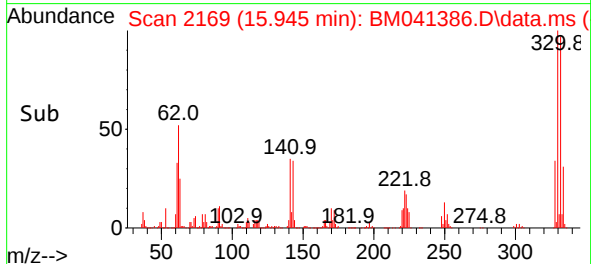
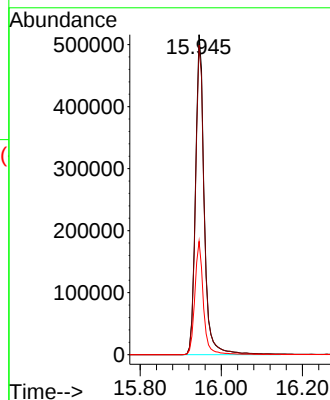
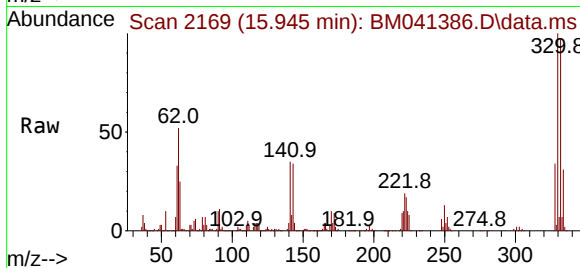




#42
2,4,6-Tribromophenol
Concen: 149.653 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

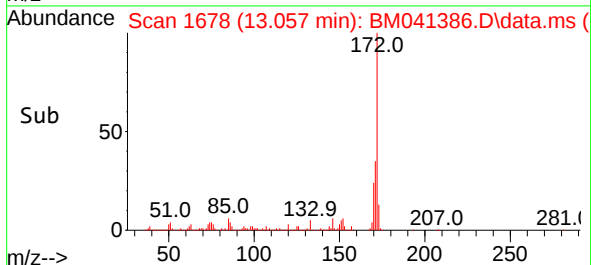
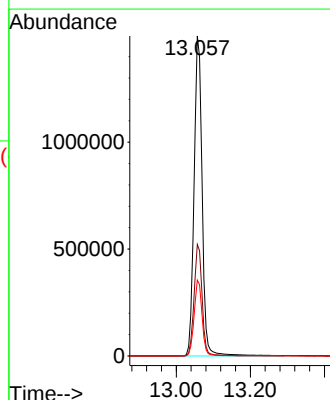
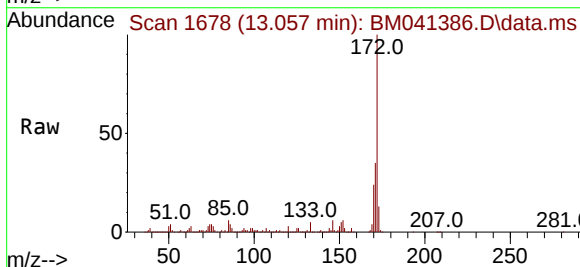
Instrument :
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ClientSampleId :
WC-22

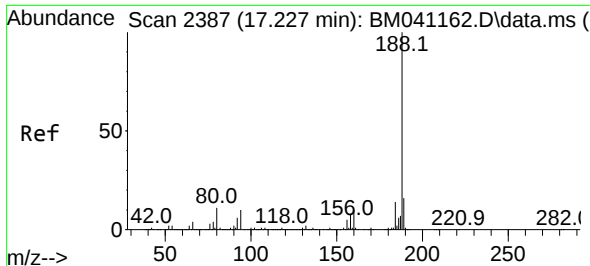
Tgt Ion:330 Resp: 778983
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 34.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 77.624 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Tgt Ion:172 Resp: 2261325
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.7 18.9 28.3

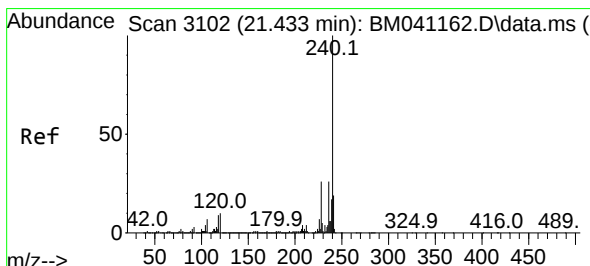
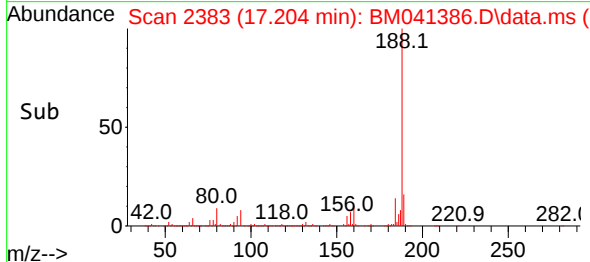
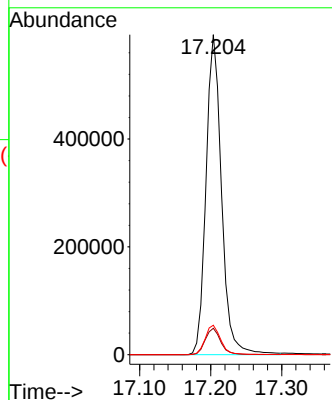
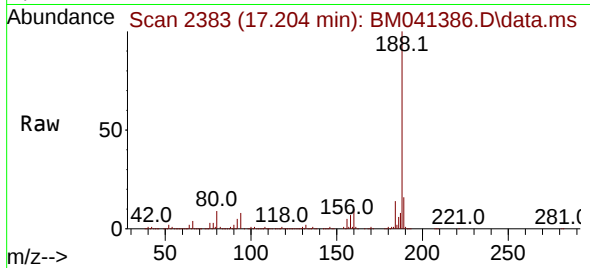




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

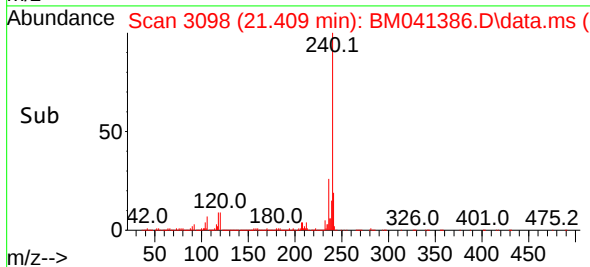
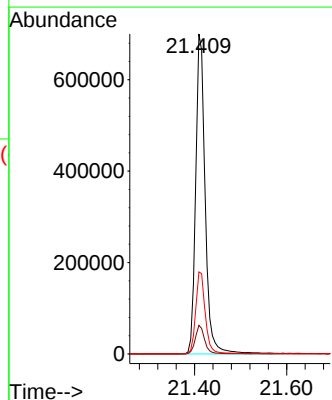
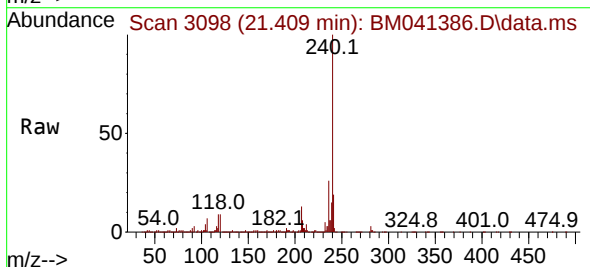
Instrument :
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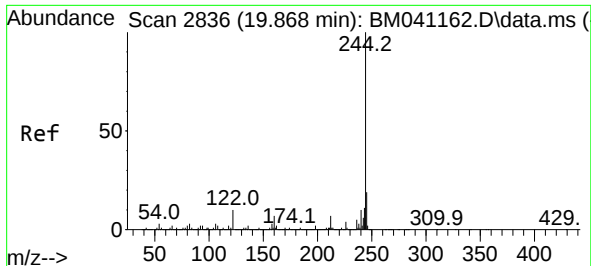
Tgt Ion:188 Resp: 902408
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 9.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Tgt Ion:240 Resp: 1001045
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 25.7 20.6 30.8

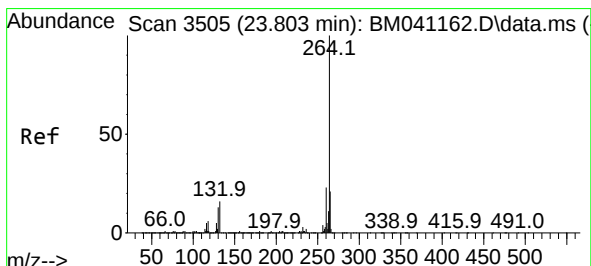
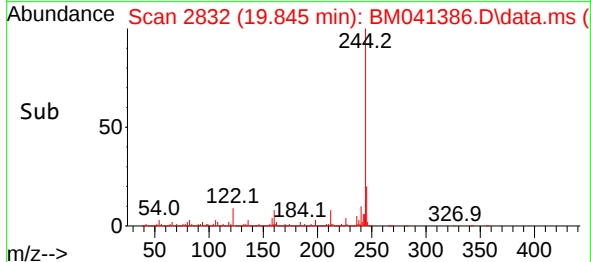
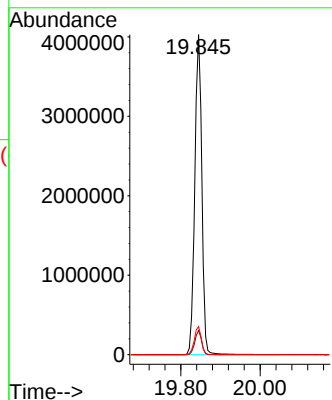
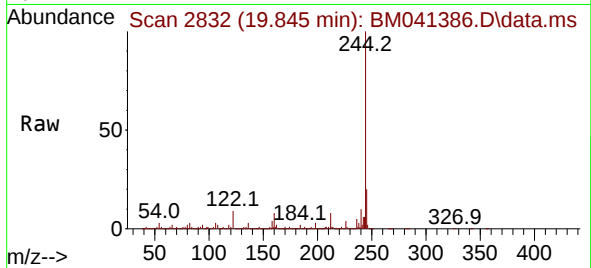




#79
 Terphenyl-d14
 Concen: 89.562 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041386.D
 Acq: 11 Aug 2023 14:22

Instrument :
 BNA_M
 ClientSampleId :
 WC-22

Tgt Ion:244 Resp: 4958687
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.8 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 3501
 Delta R.T. -0.000 min
 Lab File: BM041386.D
 Acq: 11 Aug 2023 14:22

Tgt Ion:264 Resp: 1130610
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 22.6 17.4 26.0

