

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040342.D
 Acq On : 21 Jun 2023 19:42
 Operator : MA/JU
 Sample : 03069-11RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP08RE

Quant Time: Jun 22 04:38:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 15:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	306150	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1269375	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	679429	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1283839	20.000	ng	0.00
76) Chrysene-d12	21.515	240	855926	20.000	ng	0.00
86) Perylene-d12	23.939	264	830241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1131436	57.300	ng	0.00
7) Phenol-d6	7.122	99	949982	35.288	ng	0.00
23) Nitrobenzene-d5	9.134	82	2606905	107.538	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	732522	77.286	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	5184448	104.739	ng	0.00
79) Terphenyl-d14	19.962	244	5995176	136.100	ng	0.00

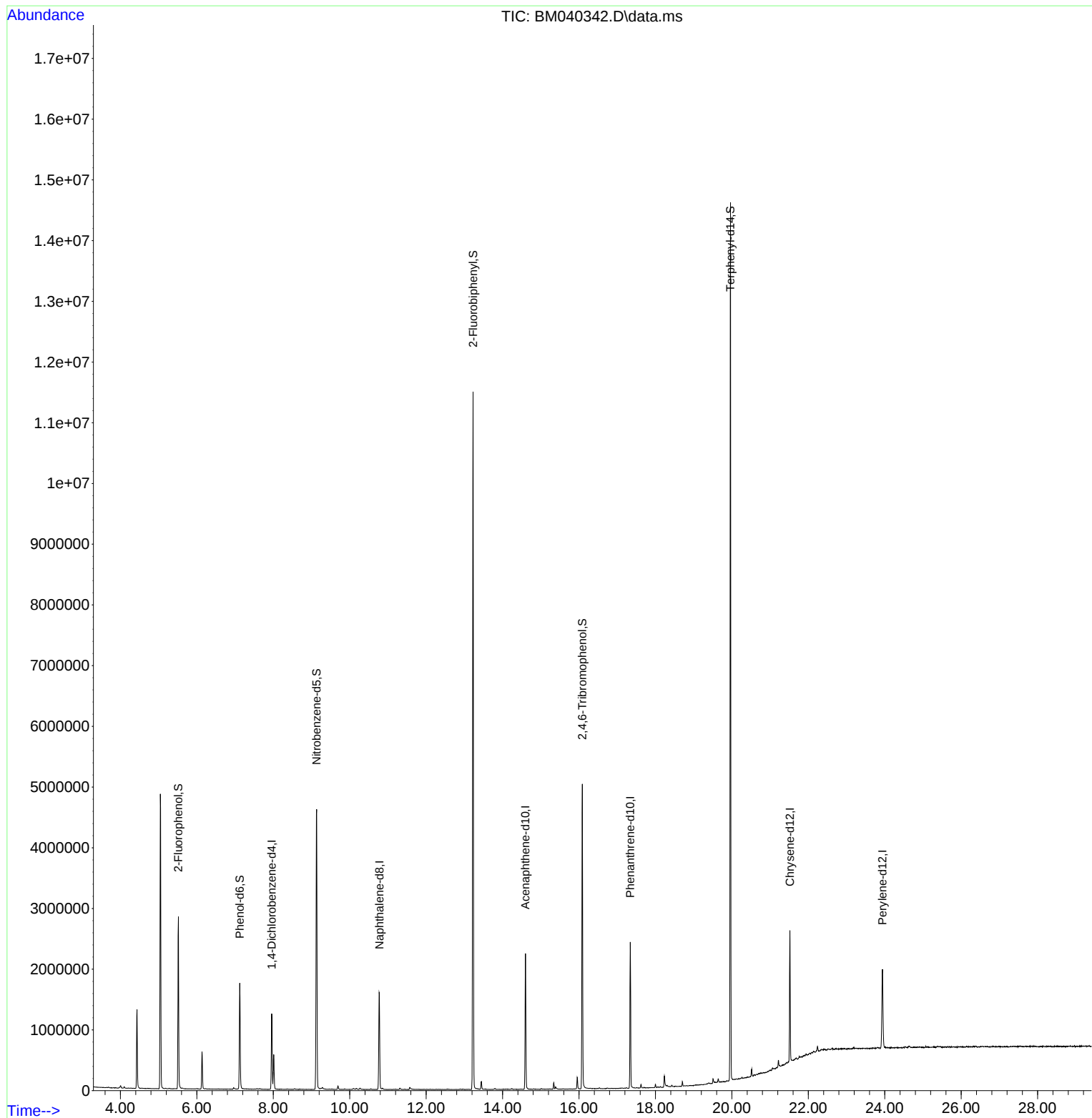
Target Compounds	Qvalue

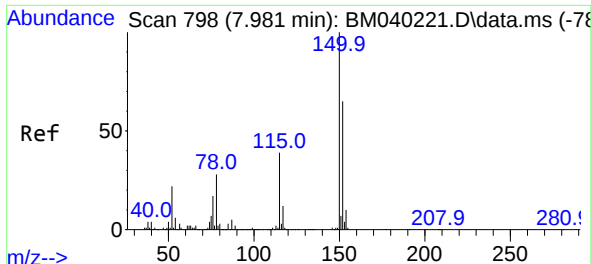
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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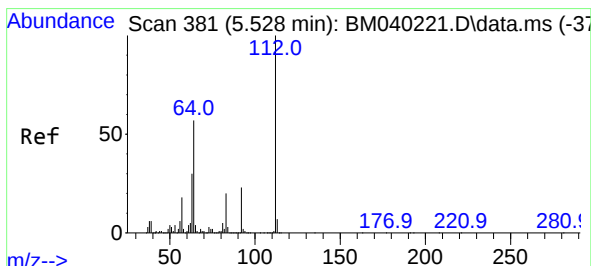
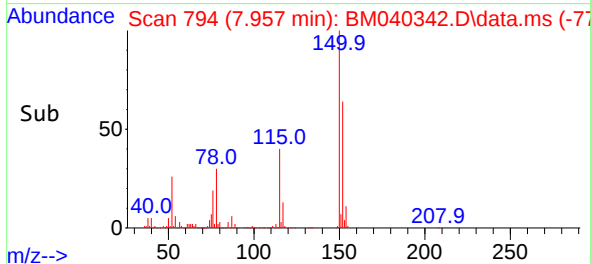
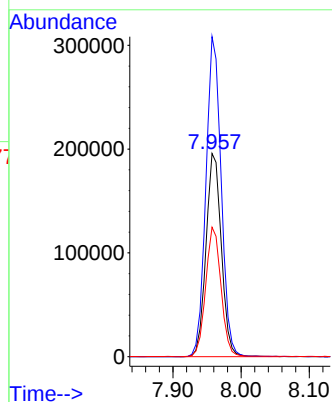
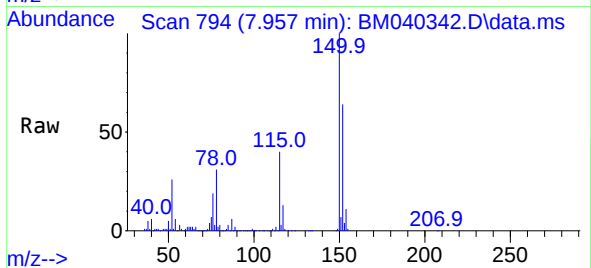




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

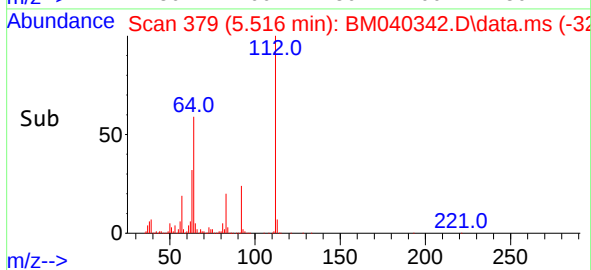
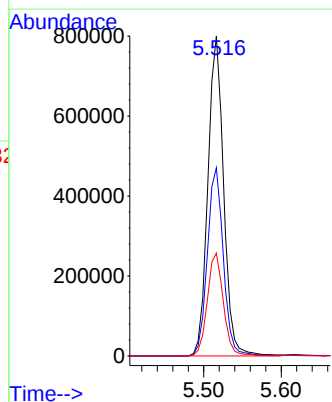
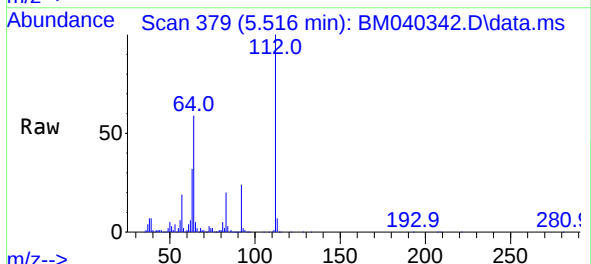
Instrument :
BNA_M
ClientSampleId :
TWP08RE

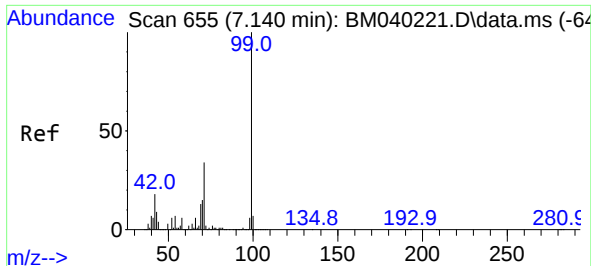
Tgt Ion:152 Resp: 306150
Ion Ratio Lower Upper
152 100
150 157.4 122.5 183.7
115 63.7 47.9 71.9



#5
2-Fluorophenol
Concen: 57.300 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

Tgt Ion:112 Resp: 1131436
Ion Ratio Lower Upper
112 100
64 58.8 45.2 67.8
63 32.2 24.2 36.4

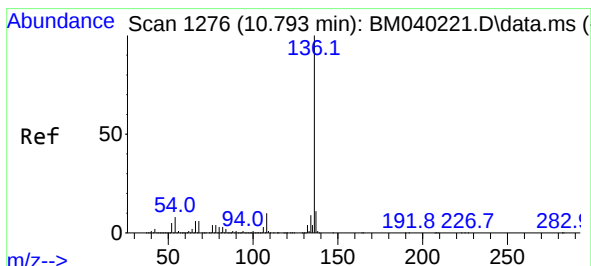
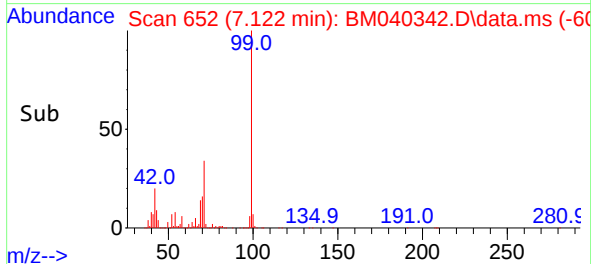
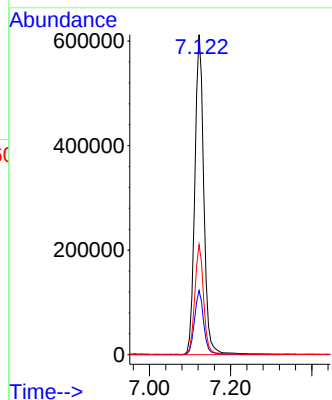
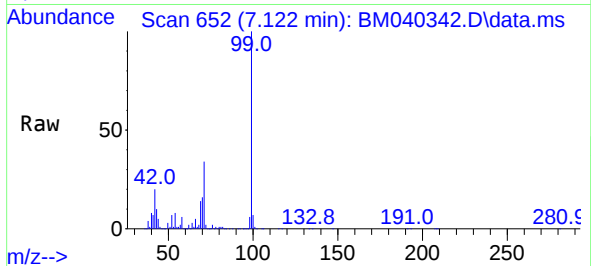




#7
Phenol-d6
Concen: 35.288 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

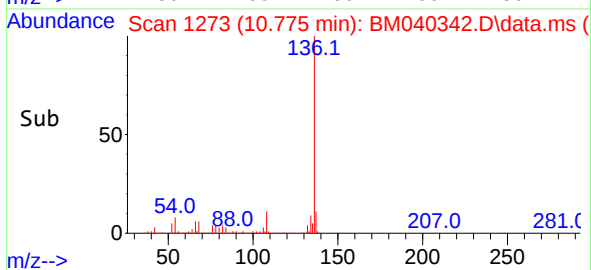
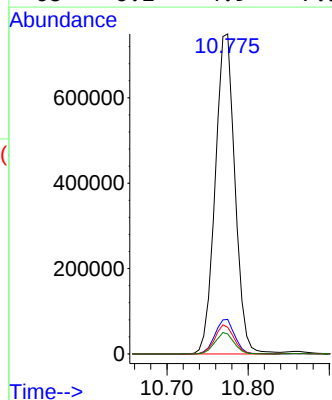
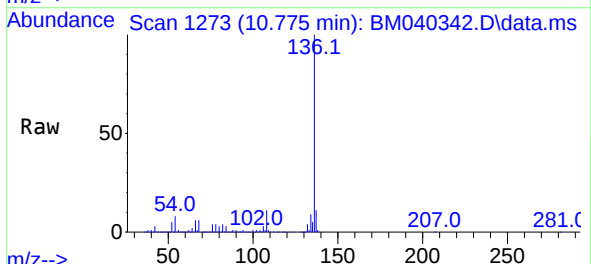
Instrument :
BNA_M
ClientSampleId :
TWP08RE

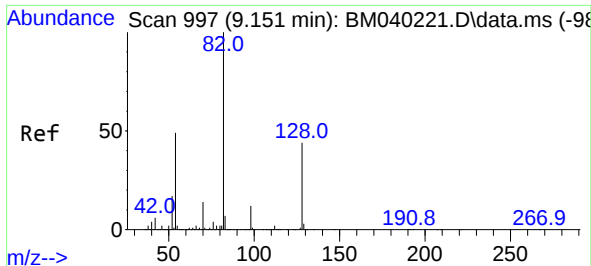
Tgt Ion: 99 Resp: 949982
Ion Ratio Lower Upper
99 100
42 20.1 14.5 21.7
71 34.4 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

Tgt Ion: 136 Resp: 1269375
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.4 6.2 9.4
68 6.2 4.9 7.3

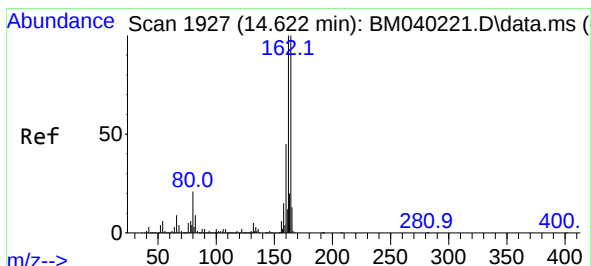
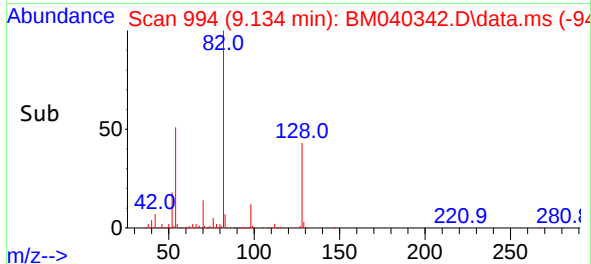
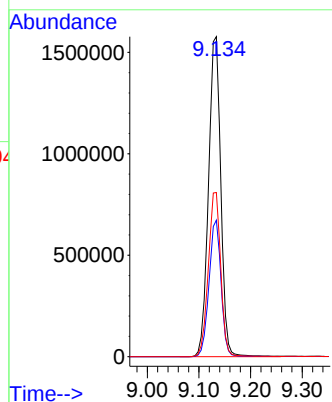
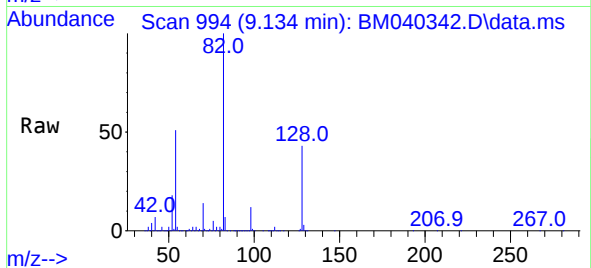




#23
Nitrobenzene-d5
Concen: 107.538 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

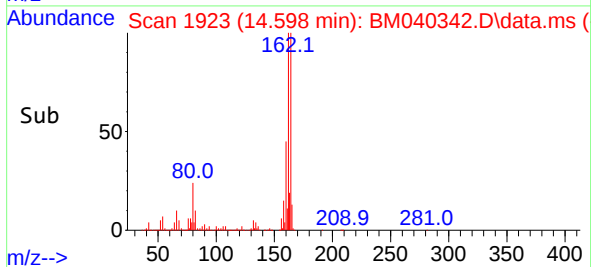
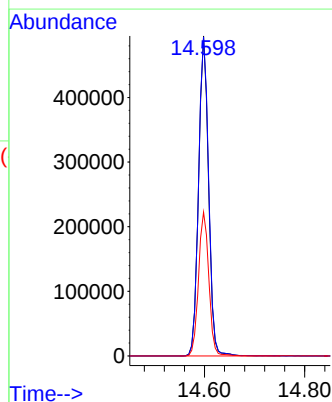
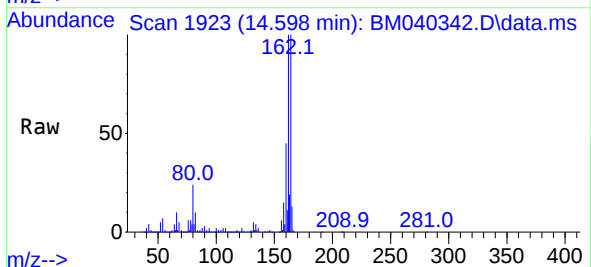
Instrument :
BNA_M
ClientSampleId :
TWP08RE

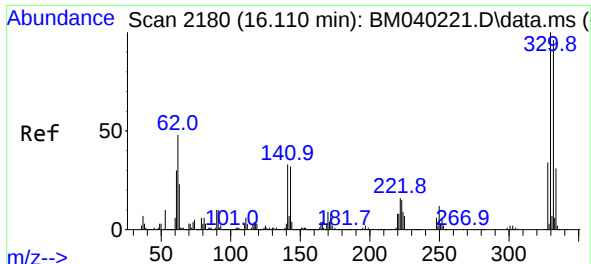
Tgt Ion: 82 Resp: 2606905
Ion Ratio Lower Upper
82 100
128 42.7 35.3 52.9
54 51.3 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

Tgt Ion:164 Resp: 679429
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 45.0 36.2 54.2

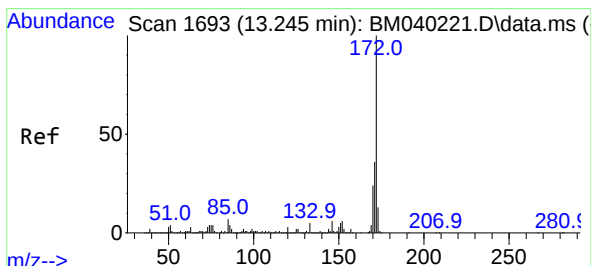
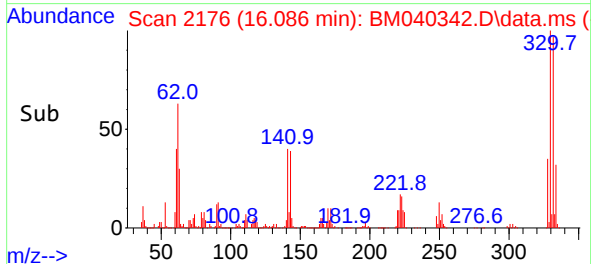
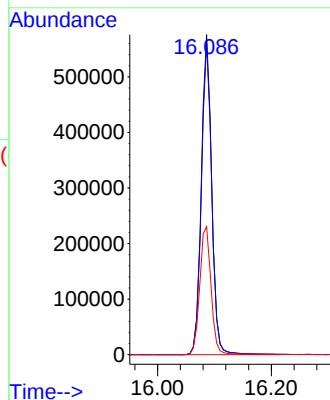
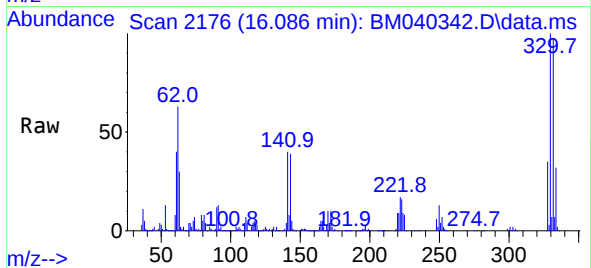




#42
2,4,6-Tribromophenol
Concen: 77.286 ng
RT: 16.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

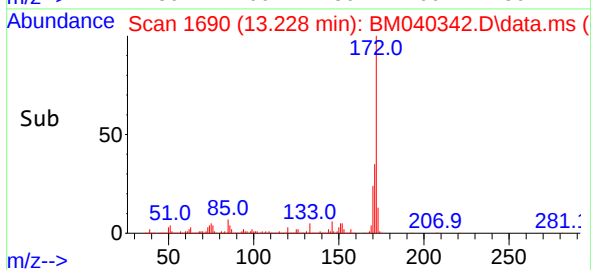
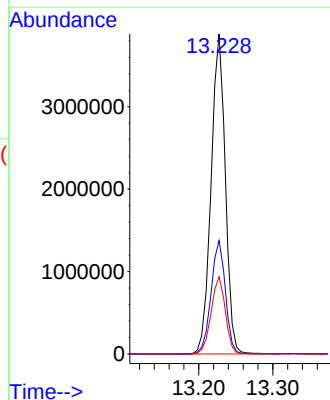
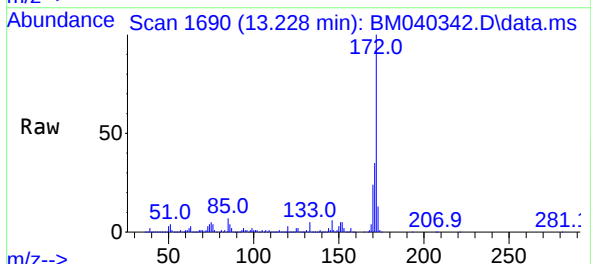
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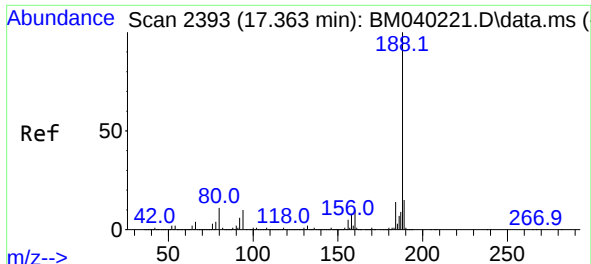
Tgt Ion:330 Resp: 732522
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 43.8 30.0 45.0



#45
2-Fluorobiphenyl
Concen: 104.739 ng
RT: 13.228 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

Tgt Ion:172 Resp: 5184448
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.1 19.5 29.3

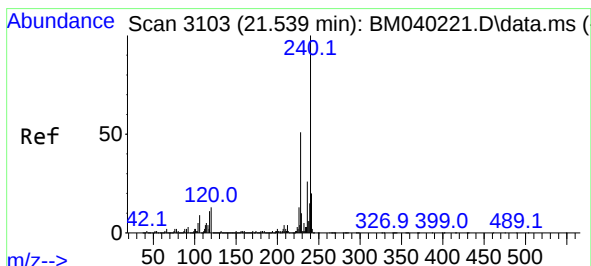
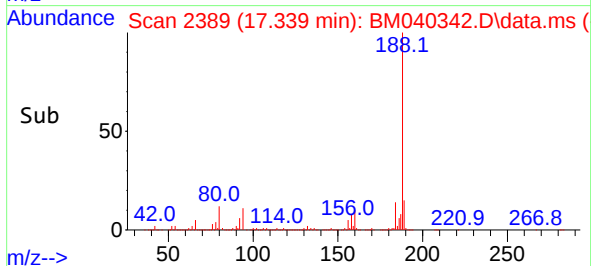
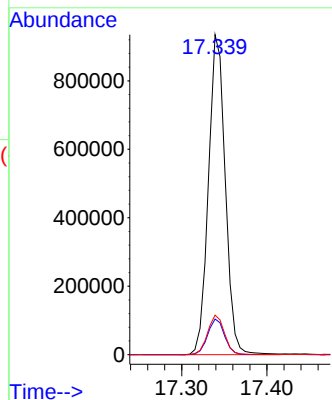
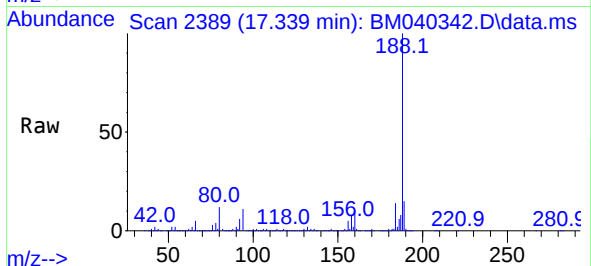




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

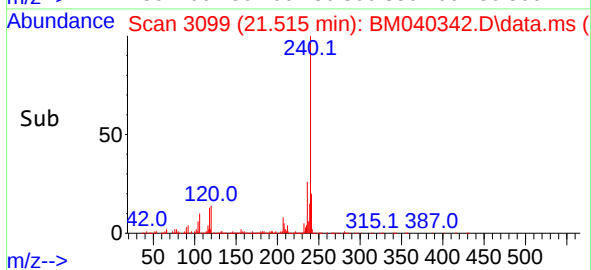
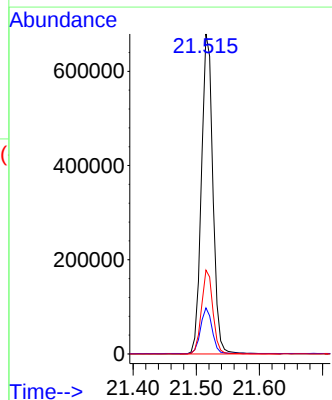
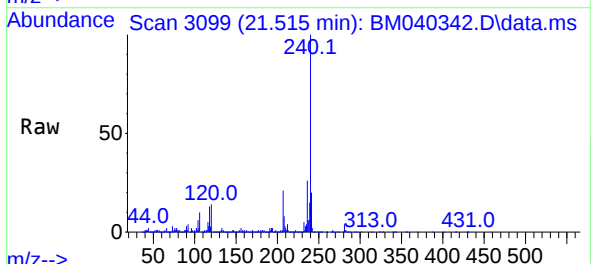
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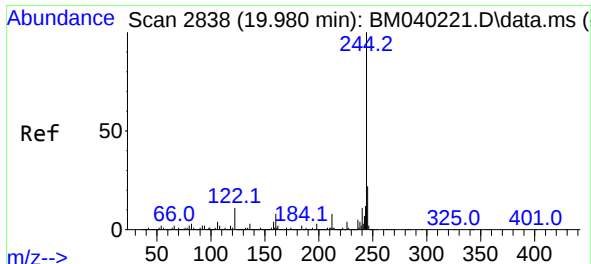
Tgt Ion:188 Resp: 1283839
Ion Ratio Lower Upper
188 100
94 11.2 7.8 11.6
80 12.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM040342.D
Acq: 21 Jun 2023 19:42

Tgt Ion:240 Resp: 855926
Ion Ratio Lower Upper
240 100
120 14.4 10.1 15.1
236 26.2 21.0 31.4

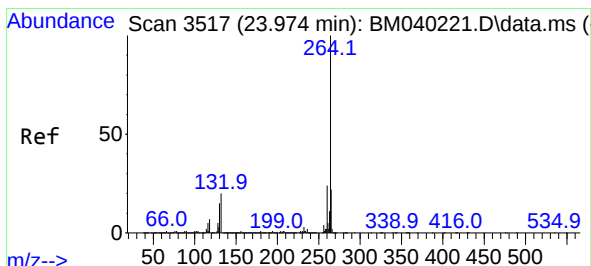
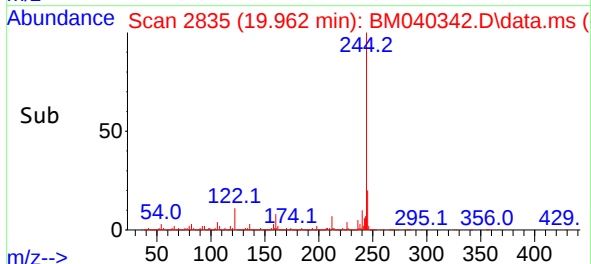
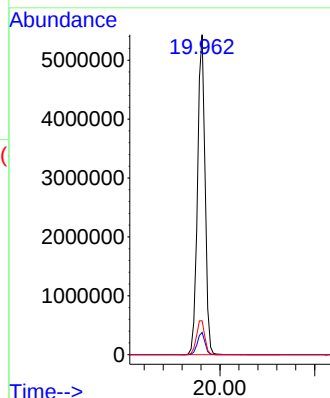
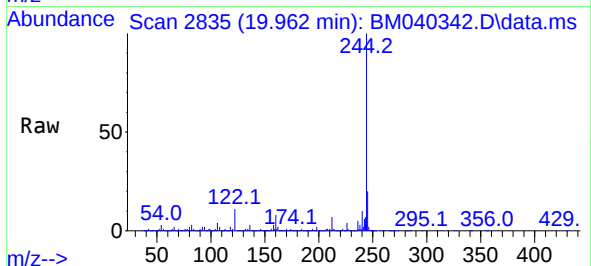




#79
 Terphenyl-d14
 Concen: 136.100 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040342.D
 Acq: 21 Jun 2023 19:42

Instrument :
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 ClientSampleId :
 TWP08RE

Tgt Ion:244 Resp: 5995176
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.939 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BM040342.D
 Acq: 21 Jun 2023 19:42

Tgt Ion:264 Resp: 830241
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 22.4 17.5 26.3

