

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040344.D
 Acq On : 21 Jun 2023 20:56
 Operator : MA/JU
 Sample : PB153189BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153189BL

Quant Time: Jun 22 04:39:15 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	310473	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1258856	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	655896	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1110236	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	724683	20.000	ng	0.00
86) Perylene-d12	23.939	264	737482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1882436	94.006	ng	0.00
7) Phenol-d6	7.122	99	2345369	85.908	ng	0.00
23) Nitrobenzene-d5	9.128	82	2102221	87.444	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	464903	50.810	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3952968	82.725	ng	0.00
79) Terphenyl-d14	19.962	244	4213277	112.970	ng	0.00

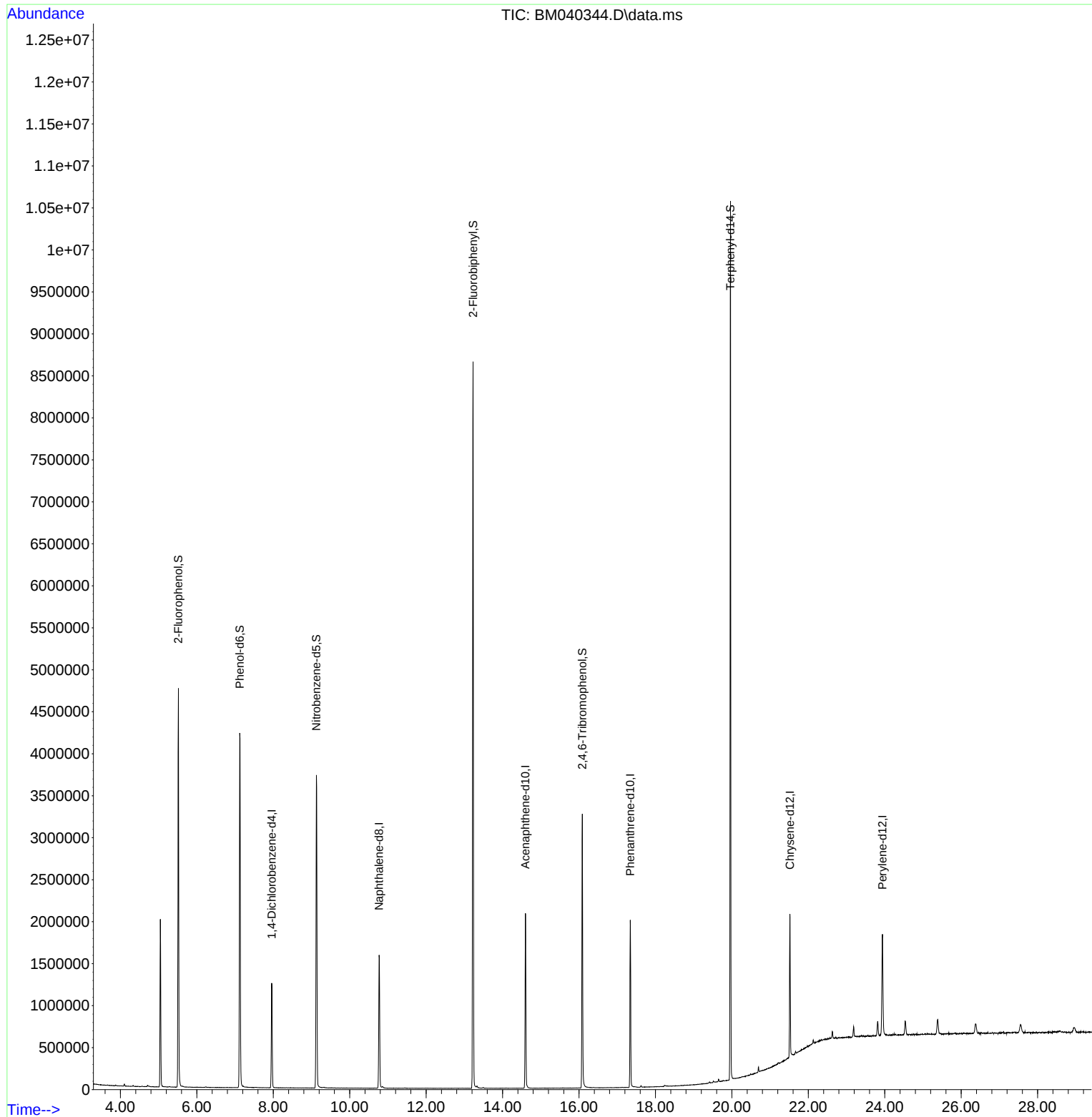
Target Compounds	Qvalue

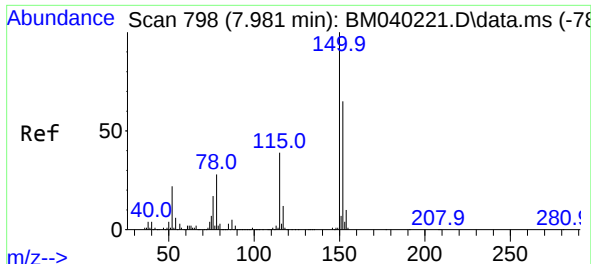
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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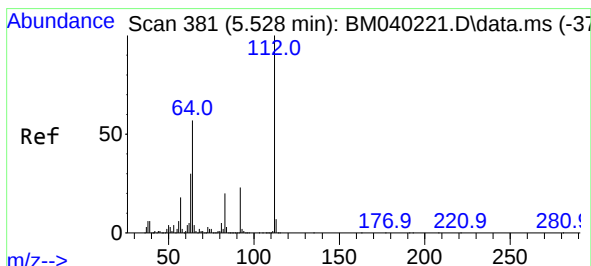
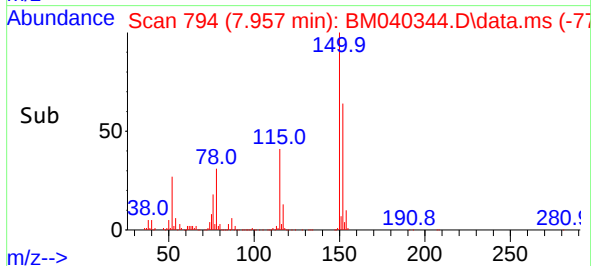
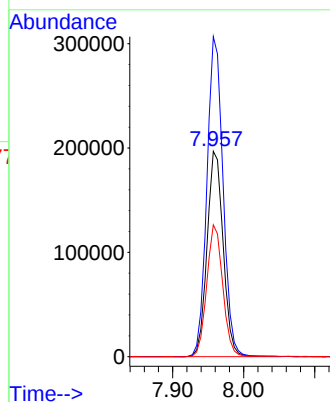
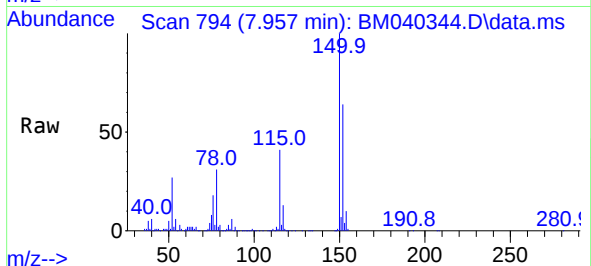




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

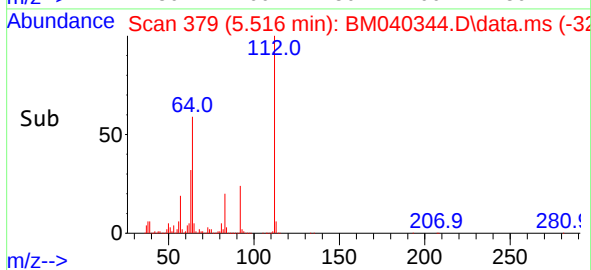
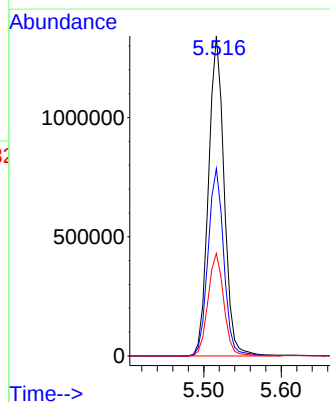
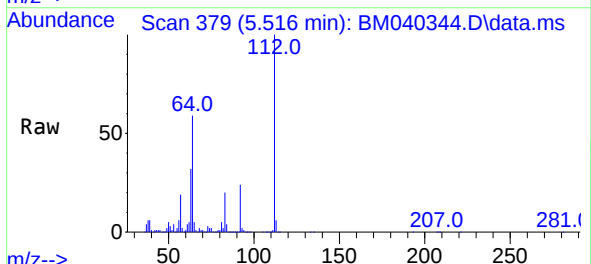
Instrument :
BNA_M
ClientSampleId :
PB153189BL

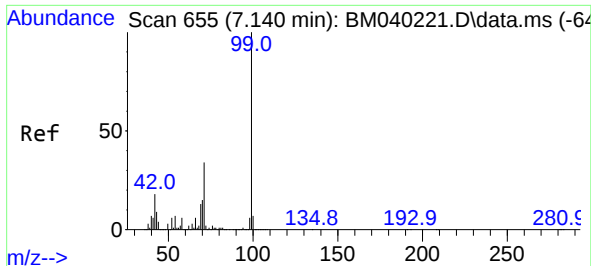
Tgt Ion:152 Resp: 310473
Ion Ratio Lower Upper
152 100
150 155.8 122.5 183.7
115 64.2 47.9 71.9



#5
2-Fluorophenol
Concen: 94.006 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

Tgt Ion:112 Resp: 1882436
Ion Ratio Lower Upper
112 100
64 58.5 45.2 67.8
63 32.0 24.2 36.4

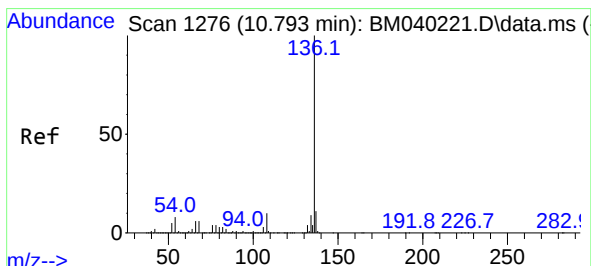
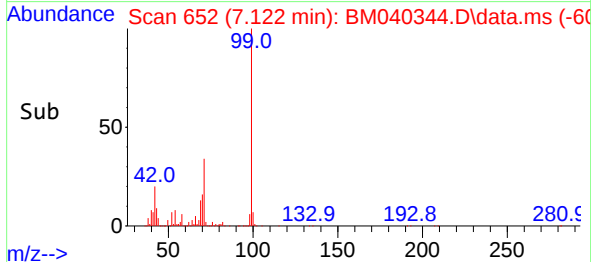
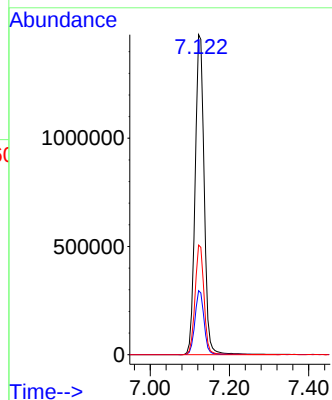
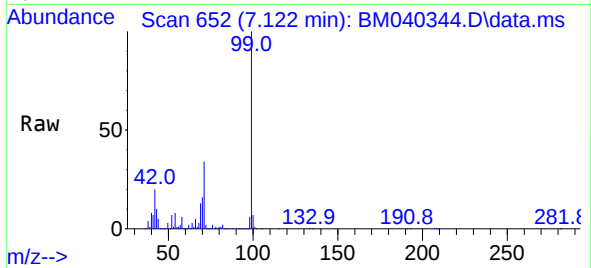




#7
Phenol-d6
Concen: 85.908 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

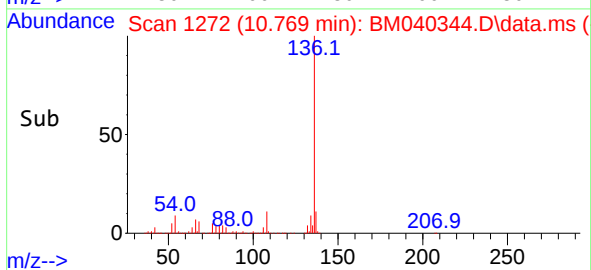
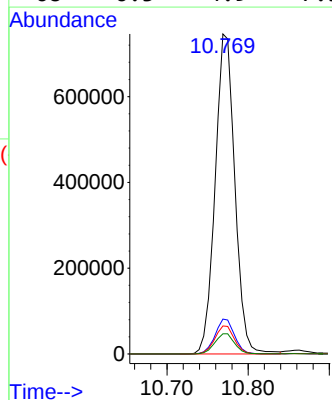
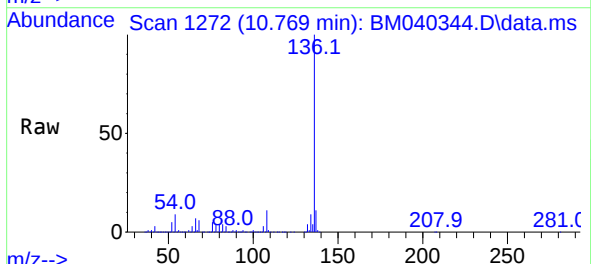
Instrument :
BNA_M
ClientSampleId :
PB153189BL

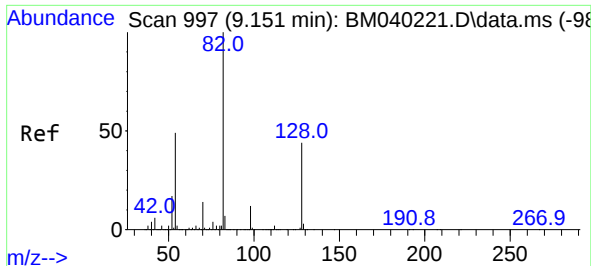
Tgt Ion: 99 Resp: 2345369
Ion Ratio Lower Upper
99 100
42 20.0 14.5 21.7
71 34.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

Tgt Ion: 136 Resp: 1258856
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.7 6.2 9.4
68 6.3 4.9 7.3

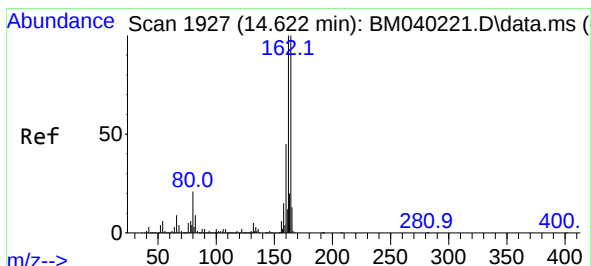
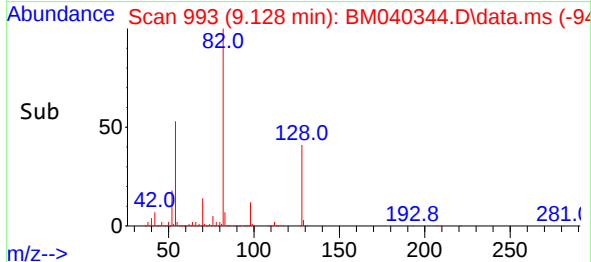
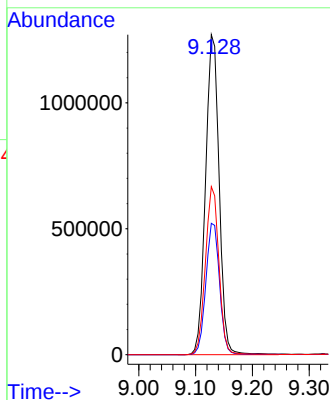
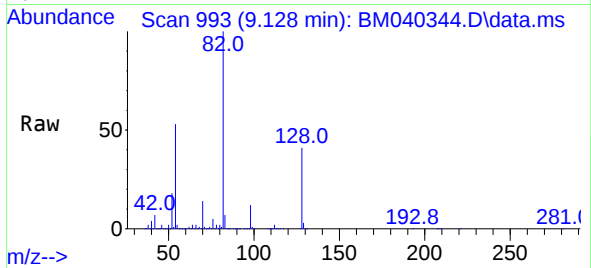




#23
Nitrobenzene-d5
Concen: 87.444 ng
RT: 9.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

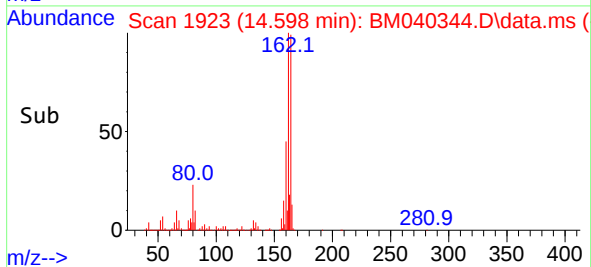
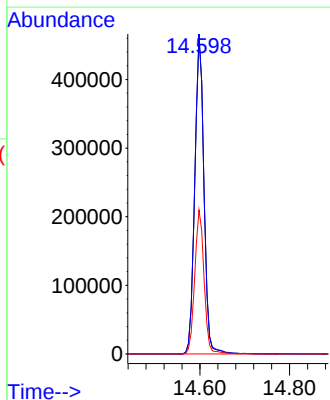
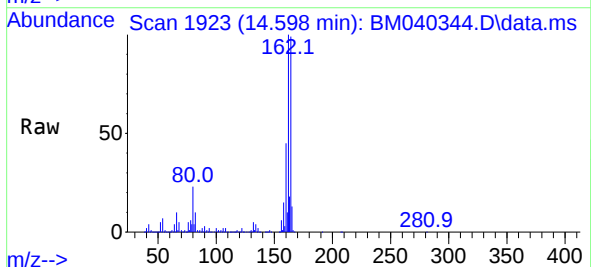
Instrument :
BNA_M
ClientSampleId :
PB153189BL

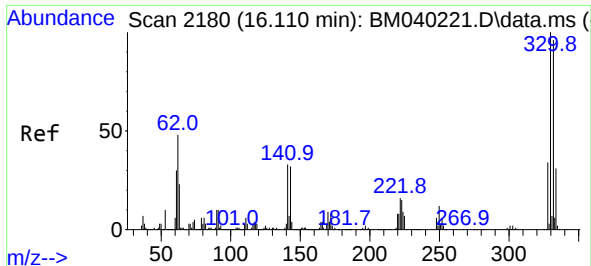
Tgt Ion: 82 Resp: 2102221
Ion Ratio Lower Upper
82 100
128 41.1 35.3 52.9
54 52.5 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

Tgt Ion: 164 Resp: 655896
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 45.5 36.2 54.2

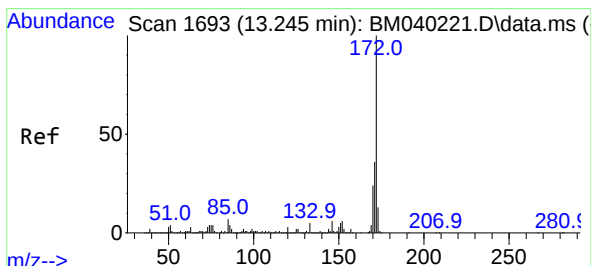
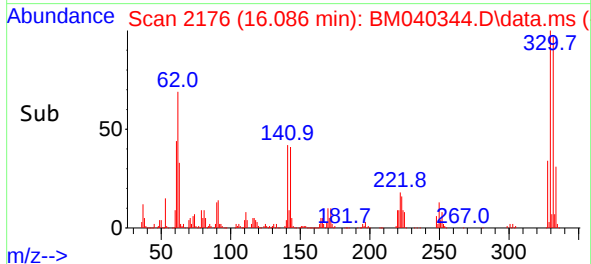
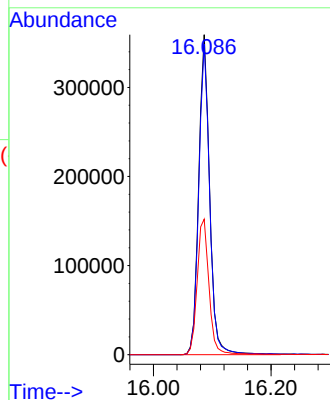
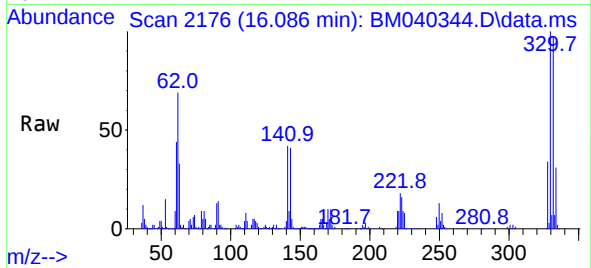




#42
2,4,6-Tribromophenol
Concen: 50.810 ng
RT: 16.086 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

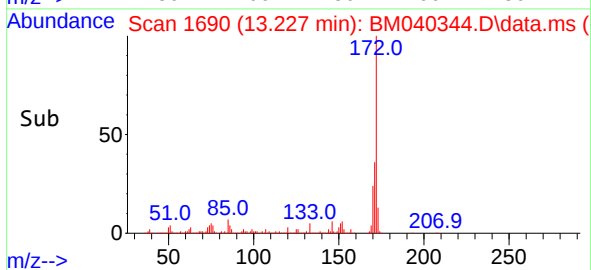
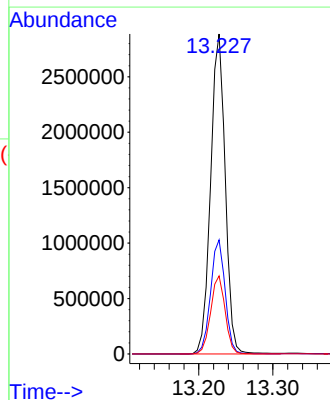
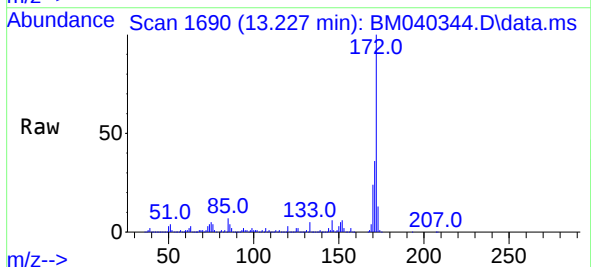
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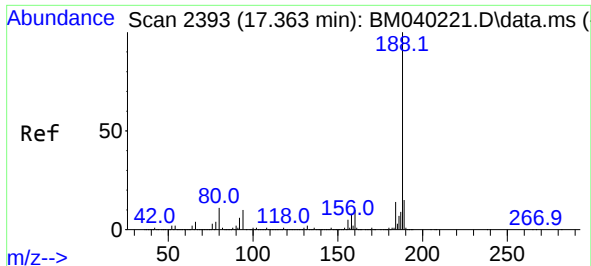
Tgt Ion:330 Resp: 464903
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 45.6 30.0 45.0#



#45
2-Fluorobiphenyl
Concen: 82.725 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

Tgt Ion:172 Resp: 3952968
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.4 19.5 29.3

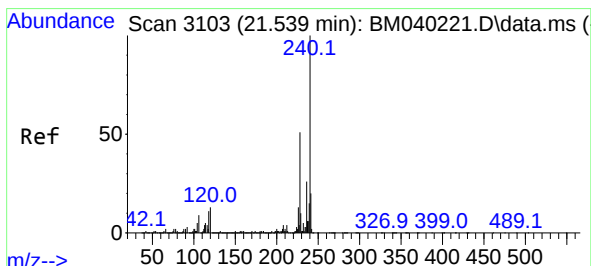
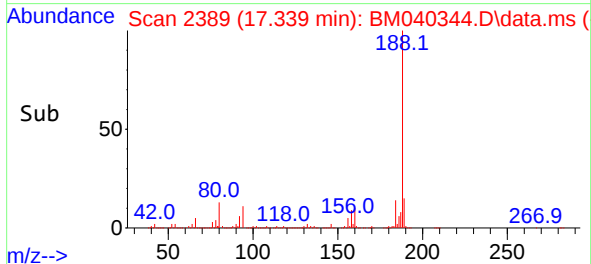
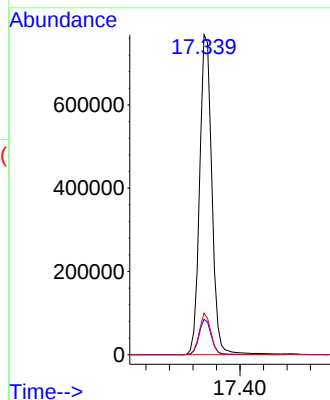
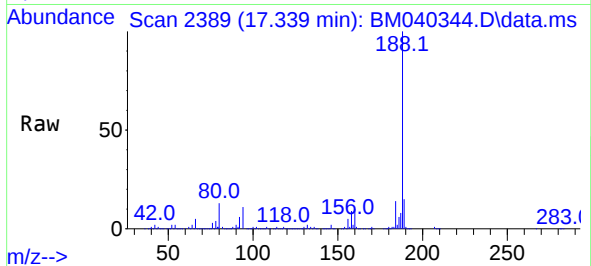




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

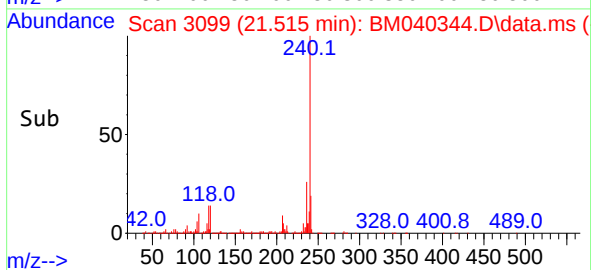
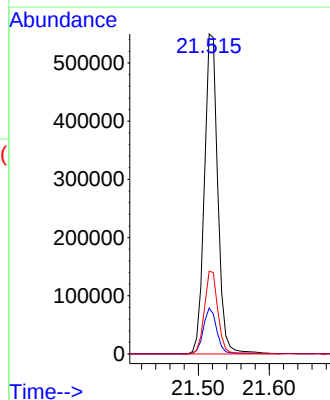
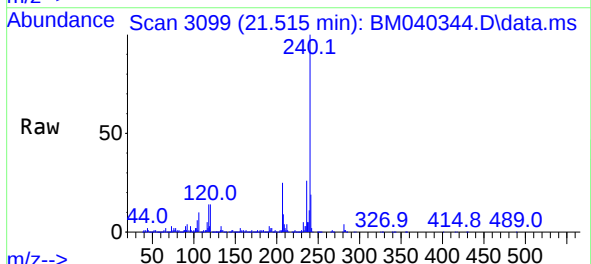
Instrument :
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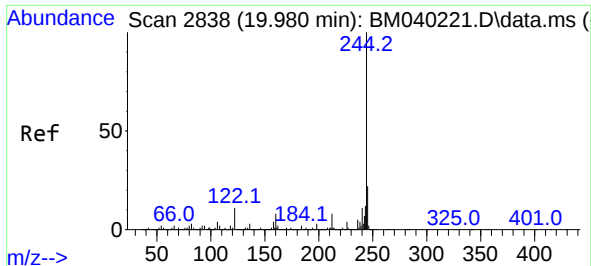
Tgt Ion:188 Resp: 1110236
Ion Ratio Lower Upper
188 100
94 11.1 7.8 11.6
80 13.0 8.6 12.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM040344.D
Acq: 21 Jun 2023 20:56

Tgt Ion:240 Resp: 724683
Ion Ratio Lower Upper
240 100
120 14.3 10.1 15.1
236 25.9 21.0 31.4

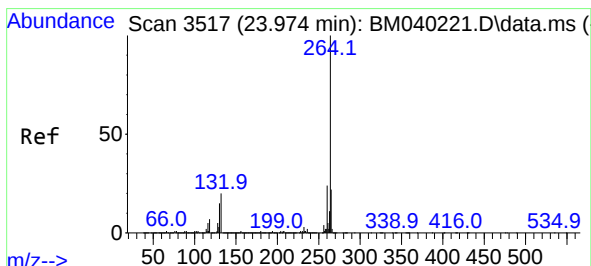
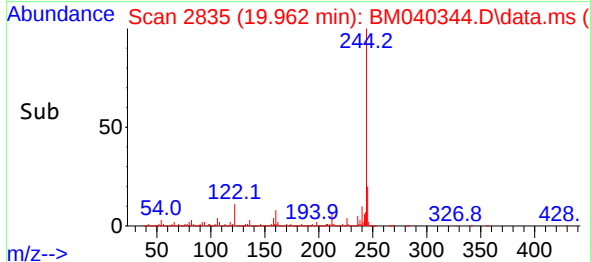
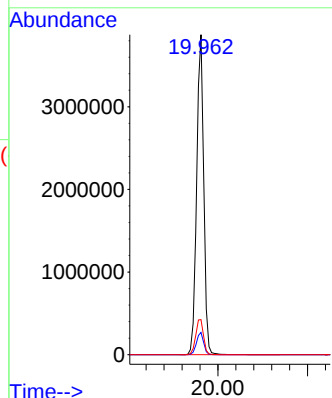
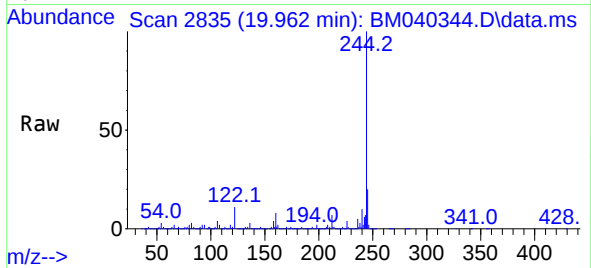




#79
 Terphenyl-d14
 Concen: 112.970 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040344.D
 Acq: 21 Jun 2023 20:56

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 4213277
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.0 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: BM040344.D
 Acq: 21 Jun 2023 20:56

Tgt Ion:264 Resp: 737482
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.5 17.5 26.3

