

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040345.D
 Acq On : 21 Jun 2023 21:32
 Operator : MA/JU
 Sample : PB153484BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153484BL

Quant Time: Jun 22 04:39:34 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	282171	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1130974	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	587465	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	980891	20.000	ng	0.00
76) Chrysene-d12	21.515	240	609408	20.000	ng	0.00
86) Perylene-d12	23.933	264	645822	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1726254	94.853	ng	0.00
7) Phenol-d6	7.122	99	2144671	86.436	ng	0.00
23) Nitrobenzene-d5	9.128	82	1930157	89.365	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	405490	49.479	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3593865	83.971	ng	0.00
79) Terphenyl-d14	19.956	244	3461021	110.354	ng	0.00

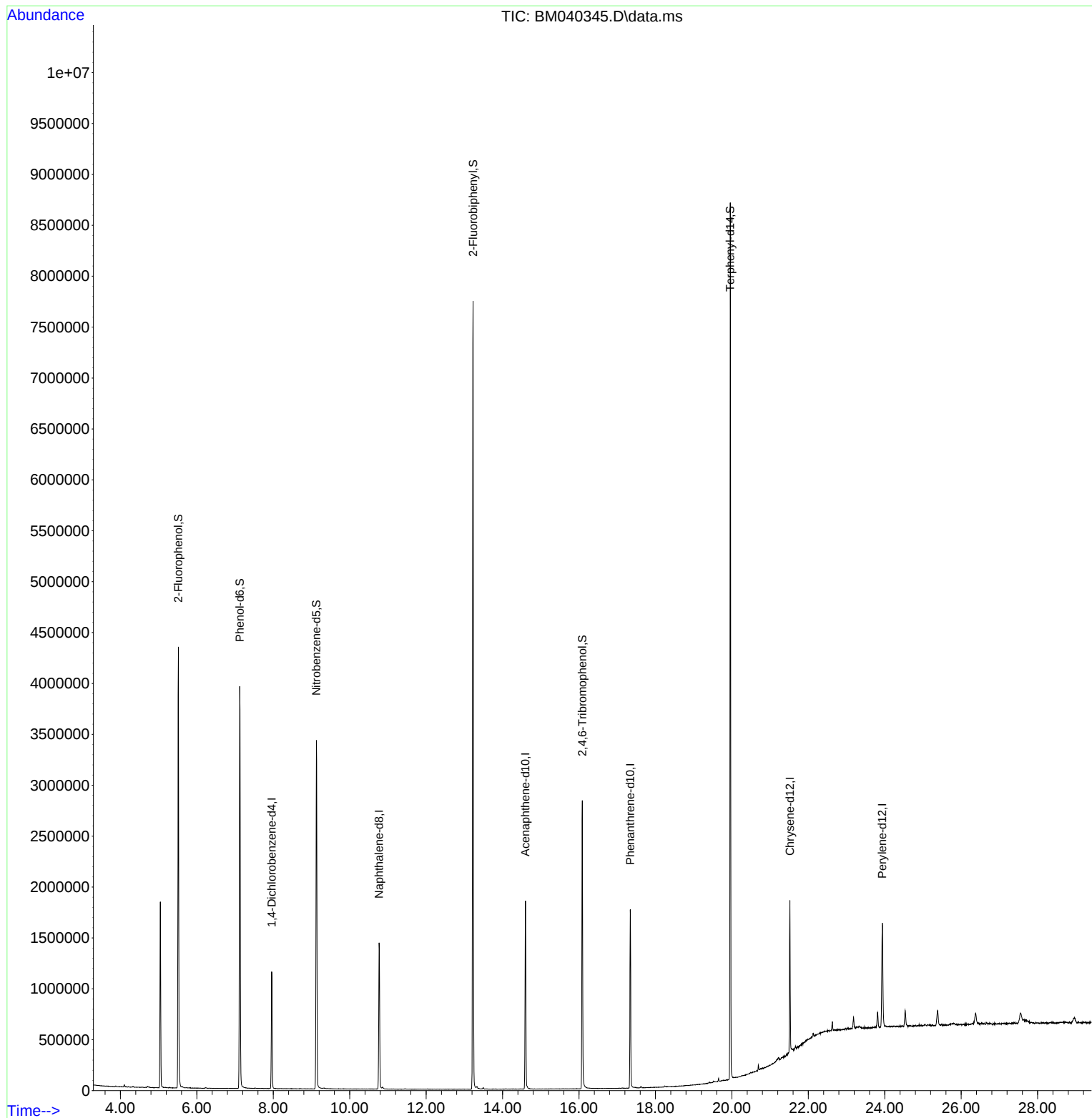
Target Compounds	Qvalue

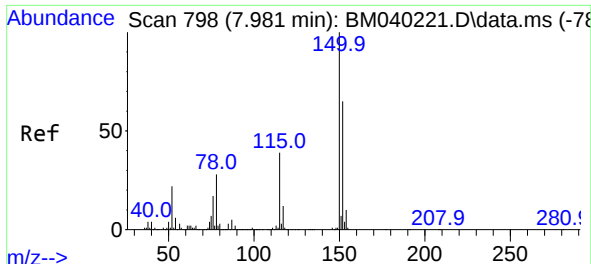
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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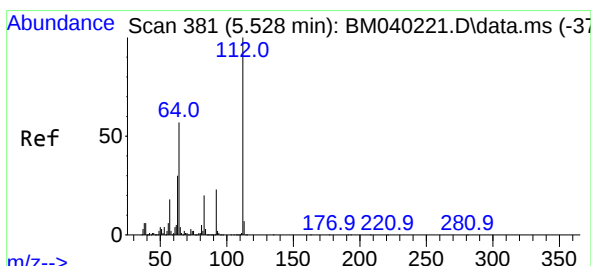
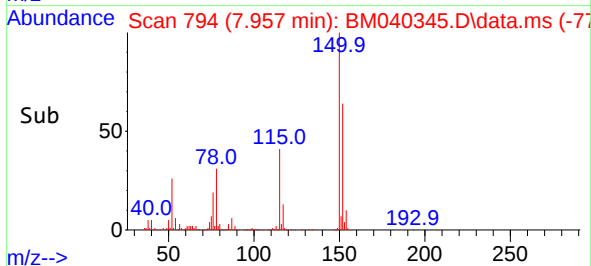
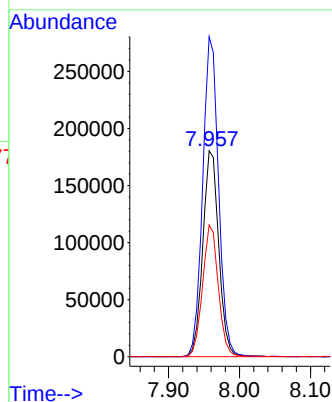
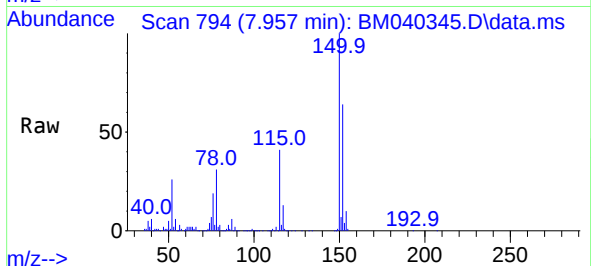




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

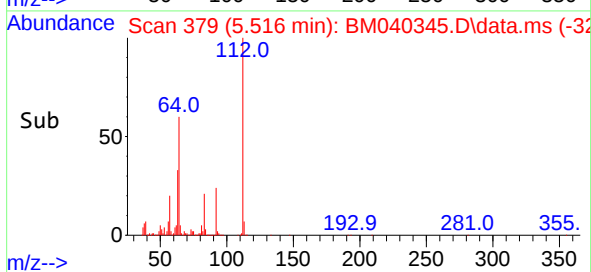
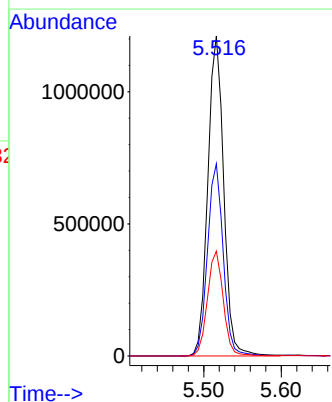
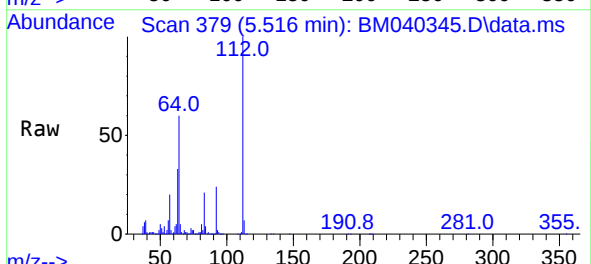
Instrument :
BNA_M
ClientSampleId :
PB153484BL

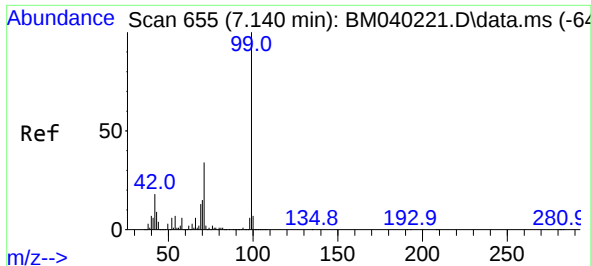
Tgt Ion:152 Resp: 282171
Ion Ratio Lower Upper
152 100
150 155.4 122.5 183.7
115 64.0 47.9 71.9



#5
2-Fluorophenol
Concen: 94.853 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

Tgt Ion:112 Resp: 1726254
Ion Ratio Lower Upper
112 100
64 60.1 45.2 67.8
63 32.7 24.2 36.4

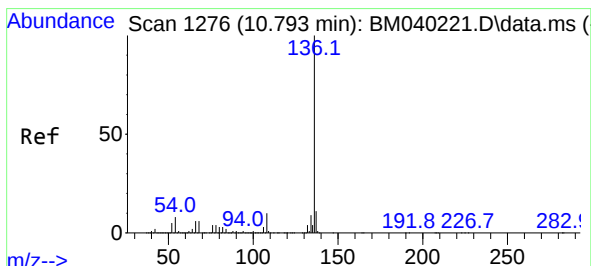
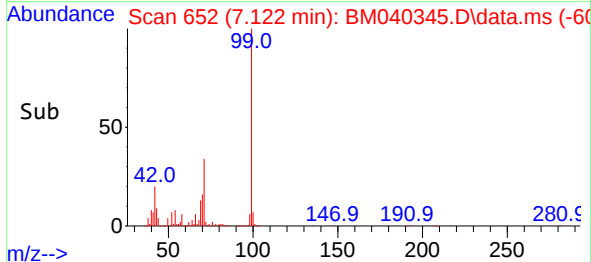
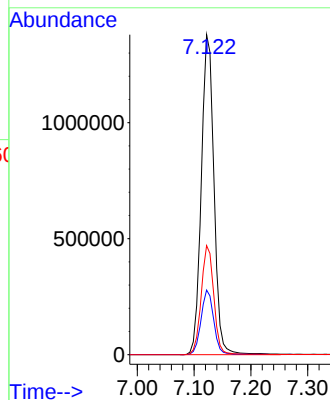
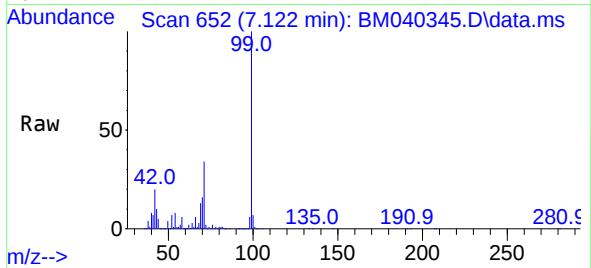




#7
Phenol-d6
Concen: 86.436 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

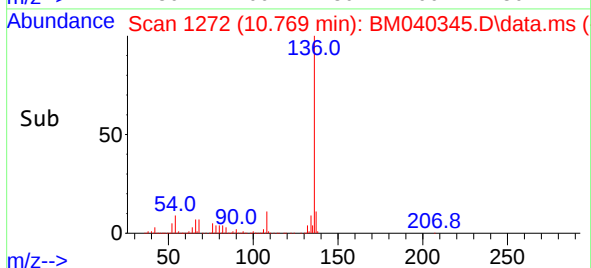
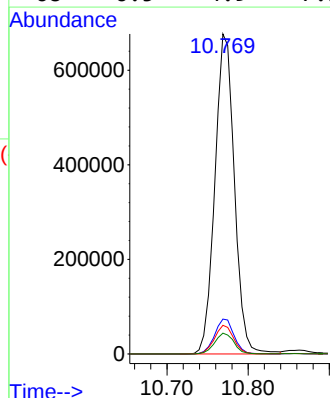
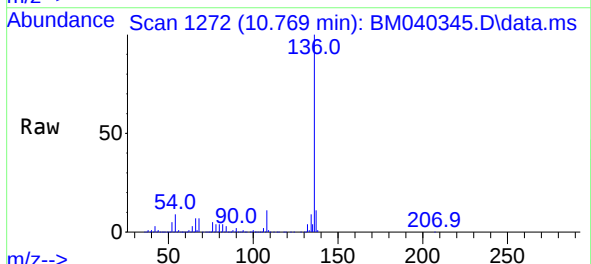
Instrument :
BNA_M
ClientSampleId :
PB153484BL

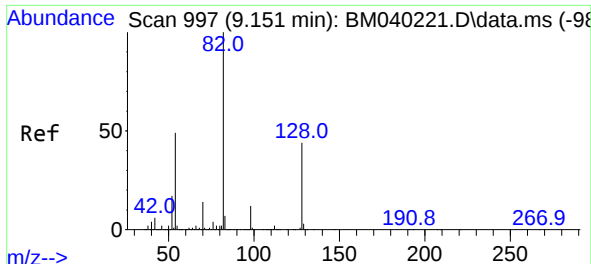
Tgt Ion: 99 Resp: 2144671
Ion Ratio Lower Upper
99 100
42 20.2 14.5 21.7
71 34.1 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

Tgt Ion: 136 Resp: 1130974
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.9 6.2 9.4
68 6.5 4.9 7.3

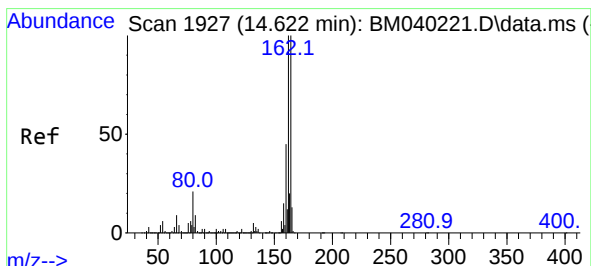
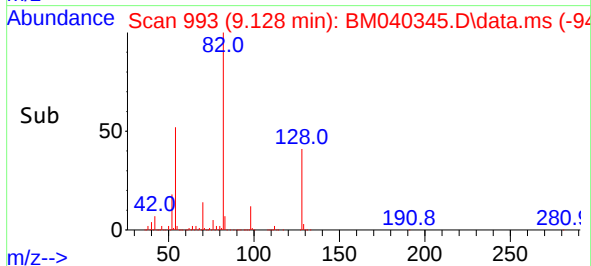
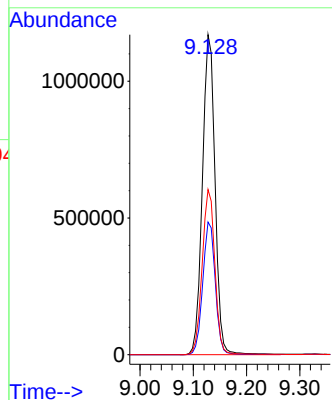
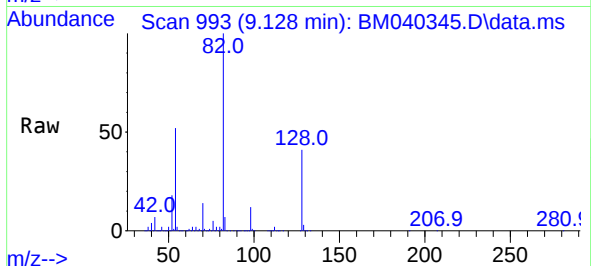




#23
Nitrobenzene-d5
Concen: 89.365 ng
RT: 9.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

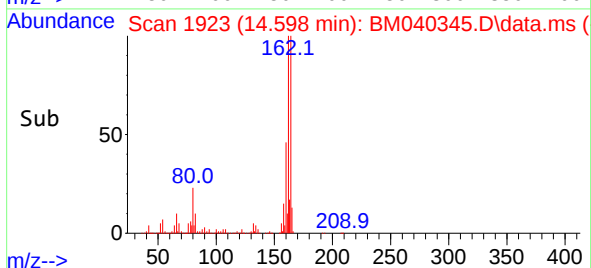
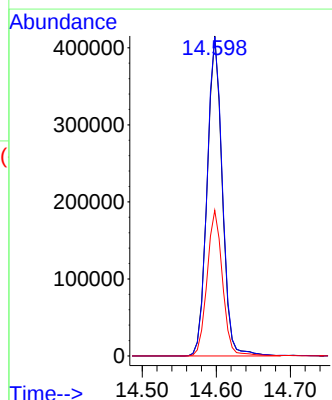
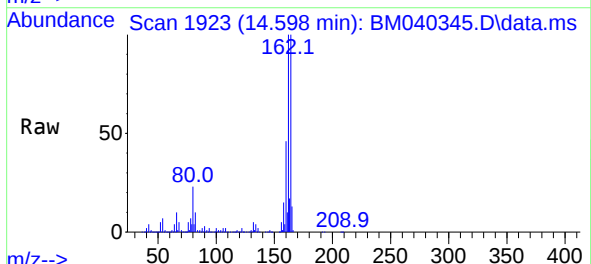
Instrument :
BNA_M
ClientSampleId :
PB153484BL

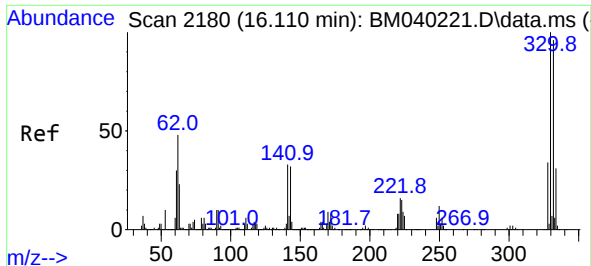
Tgt Ion: 82 Resp: 1930157
Ion Ratio Lower Upper
82 100
128 41.4 35.3 52.9
54 51.6 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

Tgt Ion:164 Resp: 587465
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 45.5 36.2 54.2

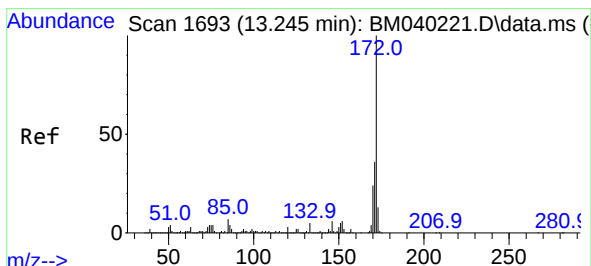
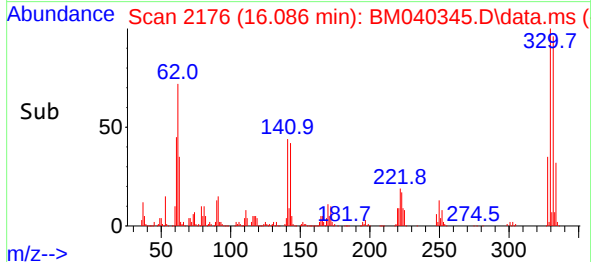
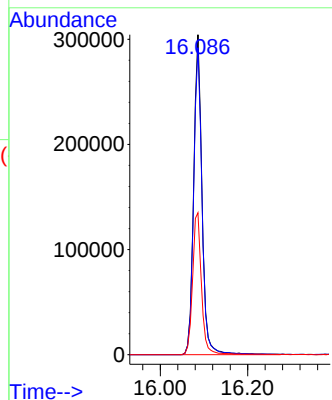
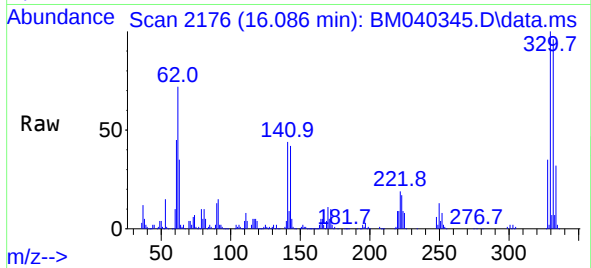




#42
2,4,6-Tribromophenol
Concen: 49.479 ng
RT: 16.086 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

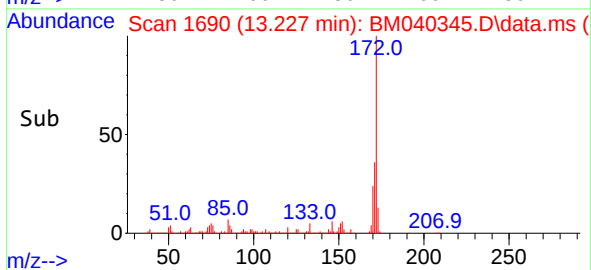
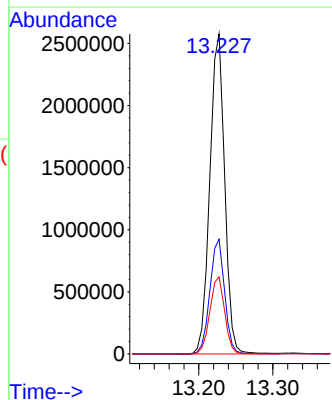
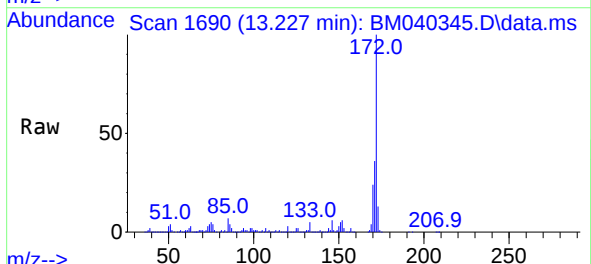
Instrument :
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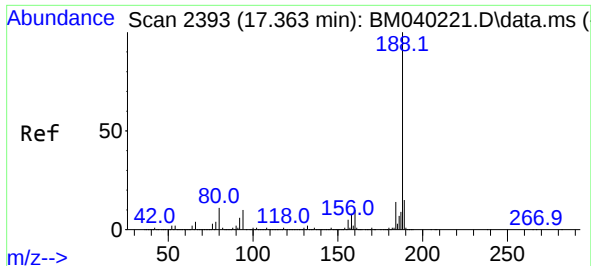
Tgt Ion:330 Resp: 405490
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 47.2 30.0 45.0#



#45
2-Fluorobiphenyl
Concen: 83.971 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

Tgt Ion:172 Resp: 3593865
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.2 19.5 29.3

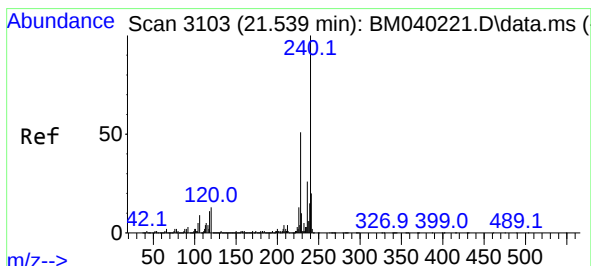
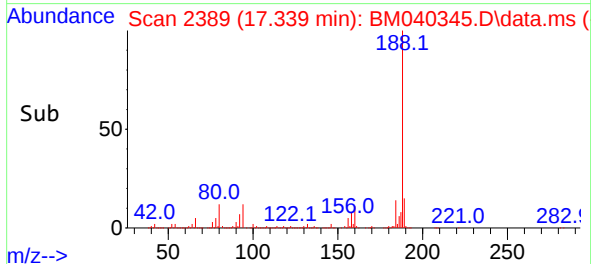
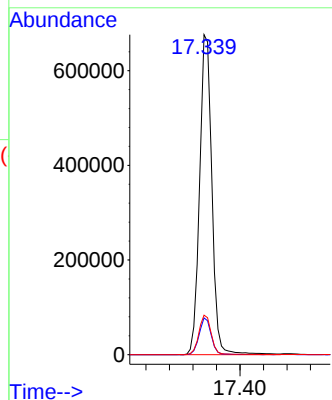
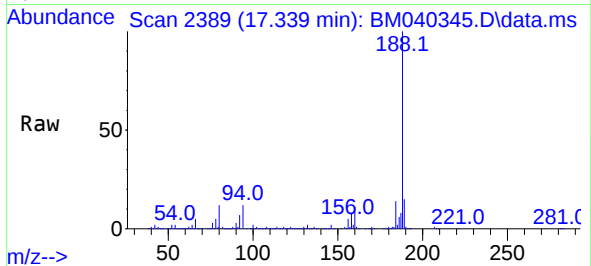




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

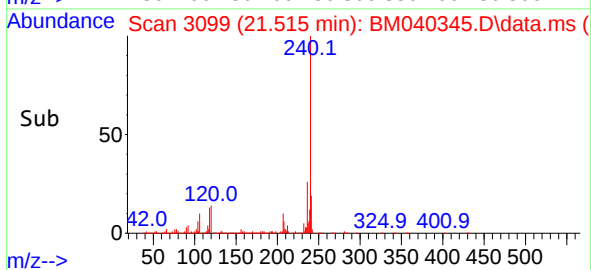
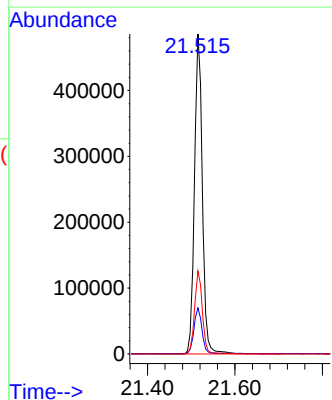
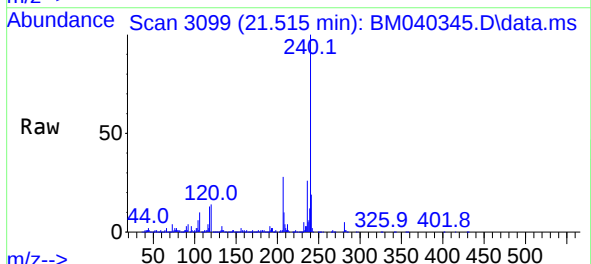
Instrument :
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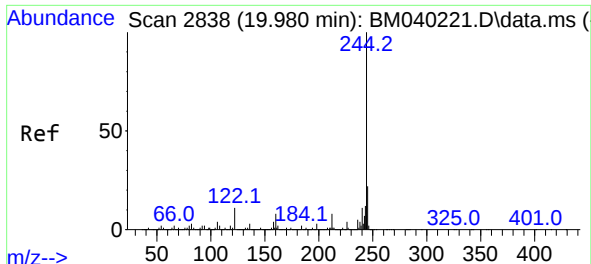
Tgt Ion:188 Resp: 980891
Ion Ratio Lower Upper
188 100
94 11.5 7.8 11.6
80 12.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM040345.D
Acq: 21 Jun 2023 21:32

Tgt Ion:240 Resp: 609408
Ion Ratio Lower Upper
240 100
120 14.4 10.1 15.1
236 25.9 21.0 31.4

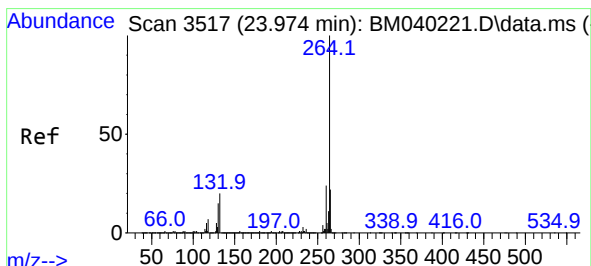
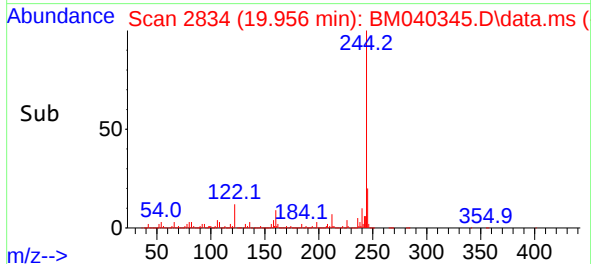
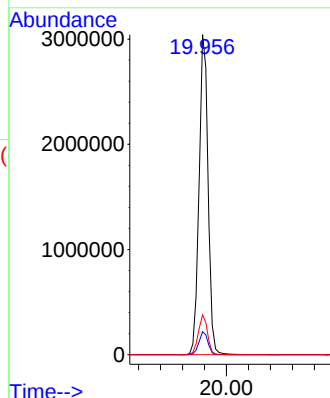
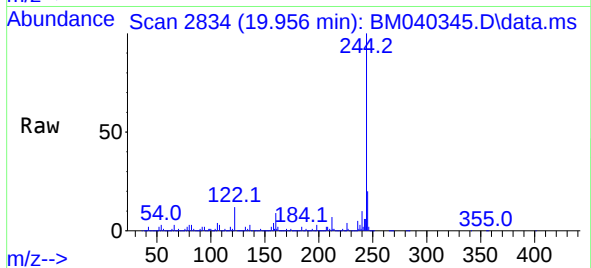




#79
 Terphenyl-d14
 Concen: 110.354 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM040345.D
 Acq: 21 Jun 2023 21:32

Instrument :
 BNA_M
 ClientSampleId :
 PB153484BL

Tgt Ion:244 Resp: 3461021
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.933 min Scan# 3510
 Delta R.T. -0.012 min
 Lab File: BM040345.D
 Acq: 21 Jun 2023 21:32

Tgt Ion:264 Resp: 645822
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.0 17.5 26.3

