

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040337.D
 Acq On : 21 Jun 2023 16:39
 Operator : MA/JU
 Sample : PB153484BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153484BL

Quant Time: Jun 22 04:37:00 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	7.963	152	315147	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1335523	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	724718	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1252970	20.000	ng	0.00
76) Chrysene-d12	21.521	240	761160	20.000	ng	0.00
86) Perylene-d12	23.939	264	710209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2146414	105.599	ng	0.00
7) Phenol-d6	7.128	99	2707960	97.719	ng	0.00
23) Nitrobenzene-d5	9.134	82	2385783	93.542	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	580484	57.418	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	4617520	87.456	ng	0.00
79) Terphenyl-d14	19.962	244	4787030	122.203	ng	0.00

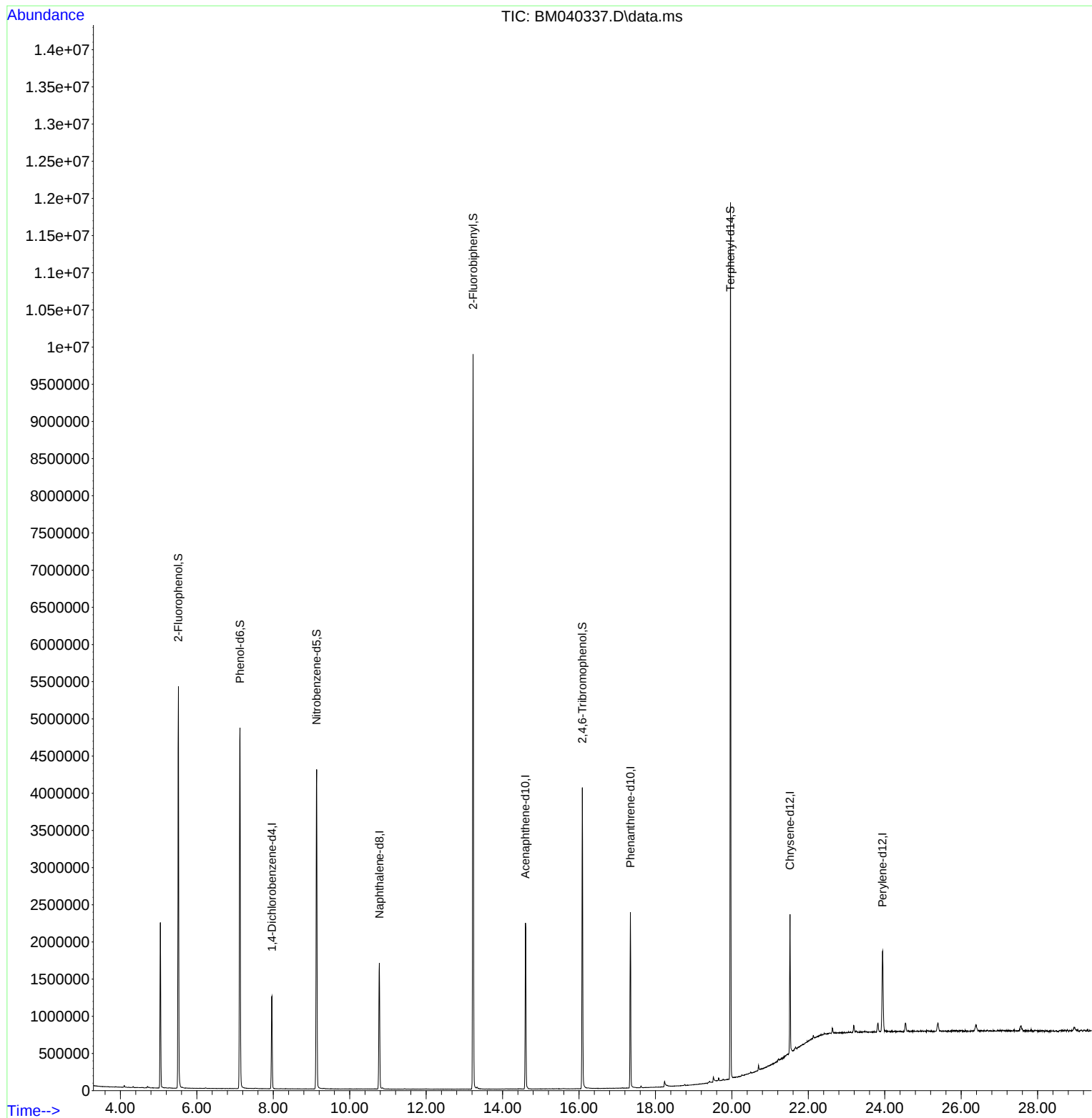
Target Compounds	Qvalue

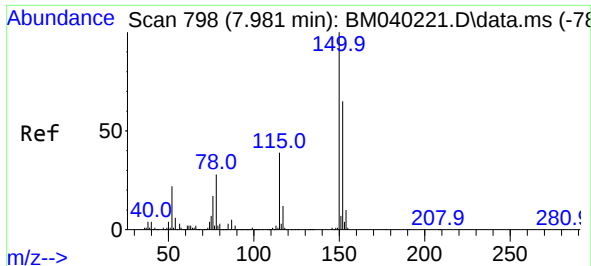
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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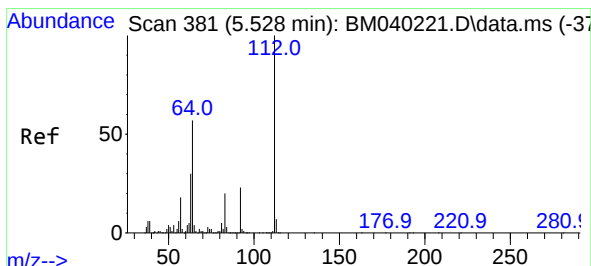
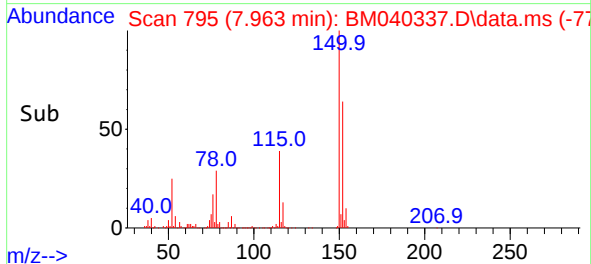
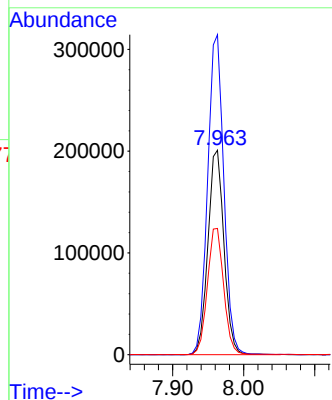
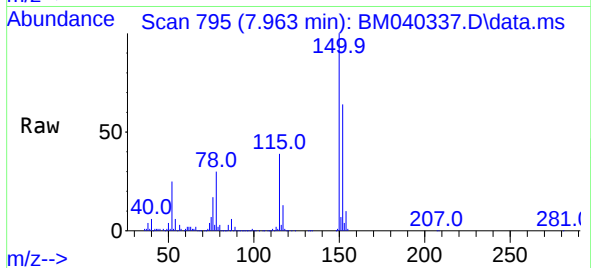




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 798
Delta R.T. 0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

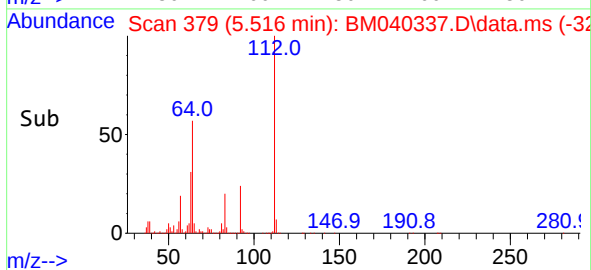
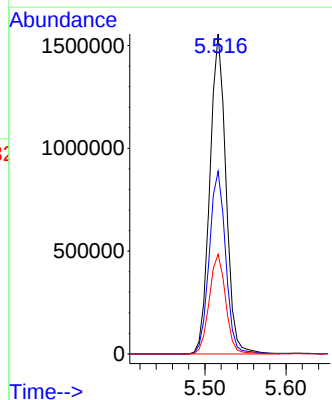
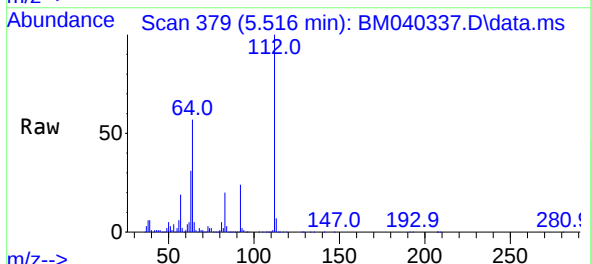
Instrument :
BNA_M
ClientSampleId :
PB153484BL

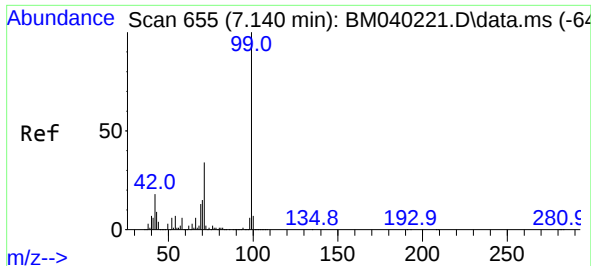
Tgt Ion:152 Resp: 315147
Ion Ratio Lower Upper
152 100
150 156.5 122.5 183.7
115 61.8 47.9 71.9



#5
2-Fluorophenol
Concen: 105.599 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Tgt Ion:112 Resp: 2146414
Ion Ratio Lower Upper
112 100
64 57.1 45.2 67.8
63 31.2 24.2 36.4

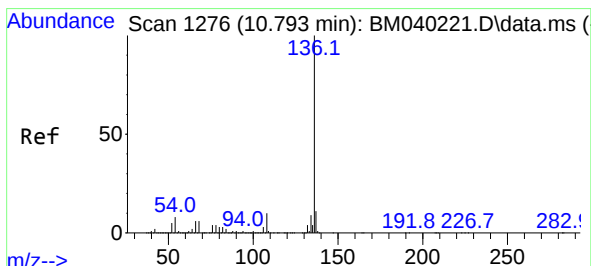
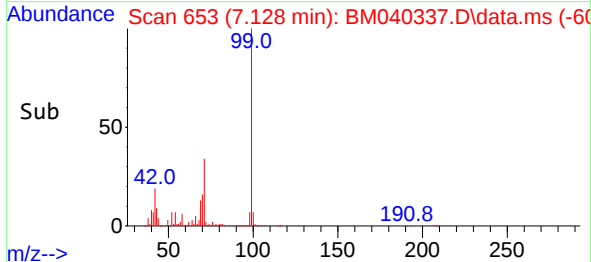
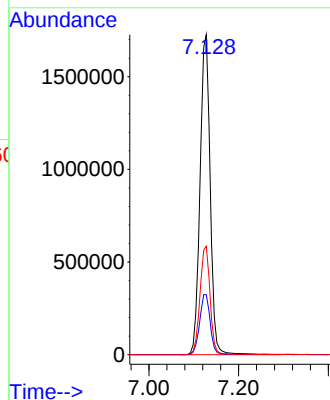
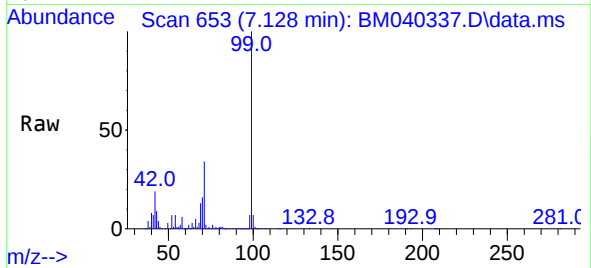




#7
Phenol-d6
Concen: 97.719 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

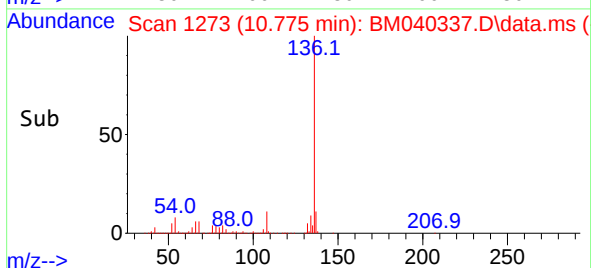
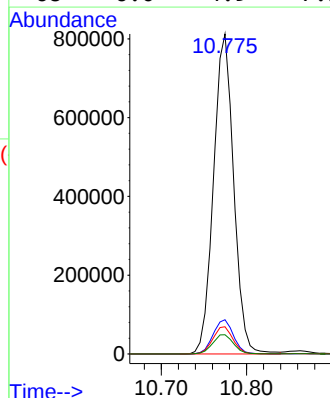
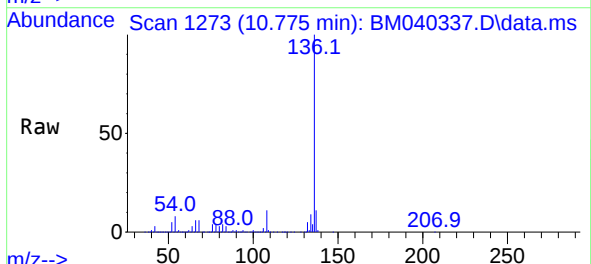
Instrument :
BNA_M
ClientSampleId :
PB153484BL

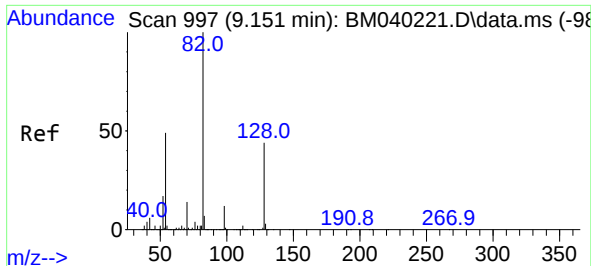
Tgt Ion: 99 Resp: 2707960
Ion Ratio Lower Upper
99 100
42 18.7 14.5 21.7
71 33.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Tgt Ion: 136 Resp: 1335523
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.5 6.2 9.4
68 6.0 4.9 7.3

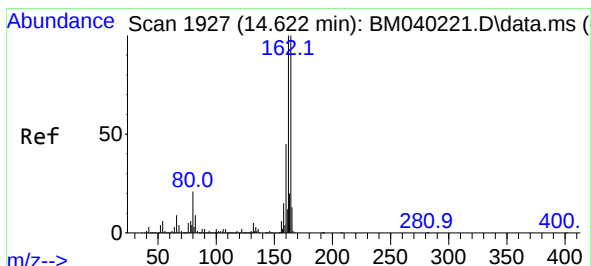
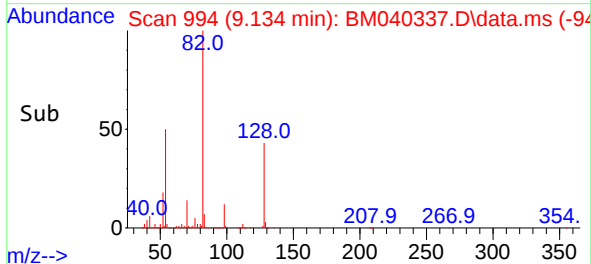
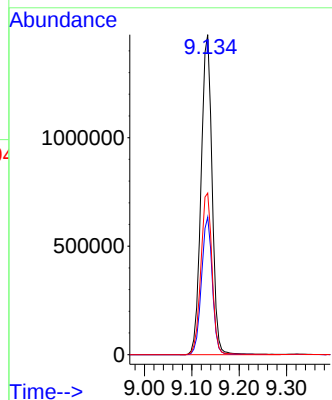
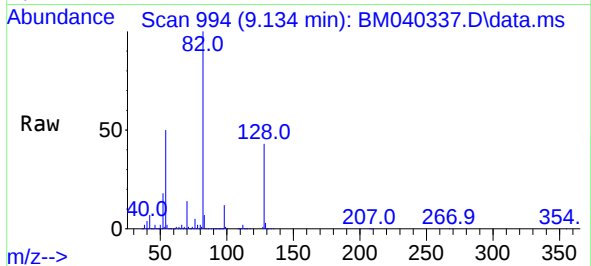




#23
Nitrobenzene-d5
Concen: 93.542 ng
RT: 9.134 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

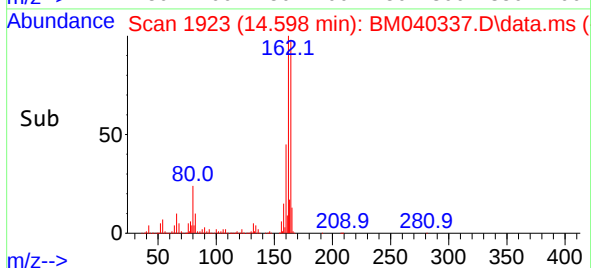
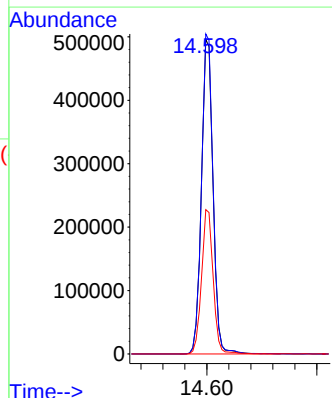
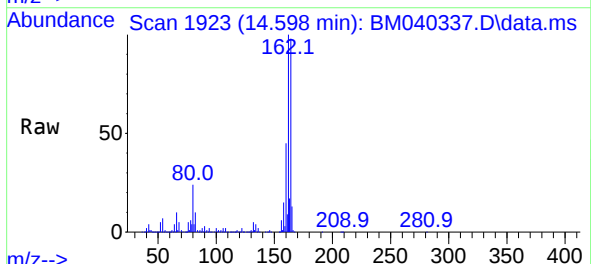
Instrument :
BNA_M
ClientSampleId :
PB153484BL

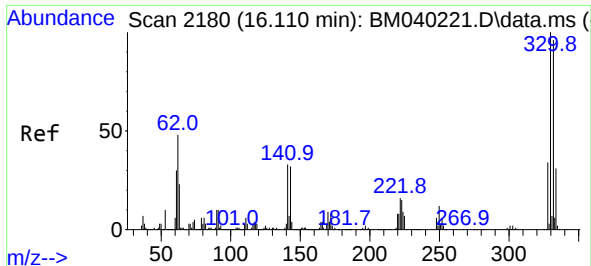
Tgt Ion: 82 Resp: 2385783
Ion Ratio Lower Upper
82 100
128 43.0 35.3 52.9
54 50.5 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Tgt Ion: 164 Resp: 724718
Ion Ratio Lower Upper
164 100
162 101.7 79.9 119.9
160 45.9 36.2 54.2

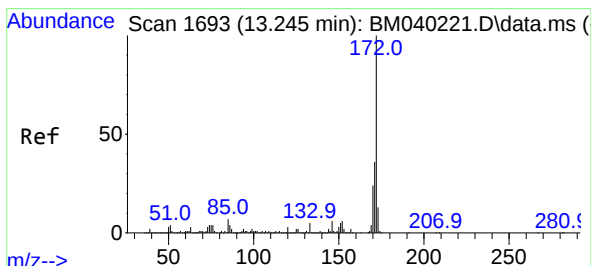
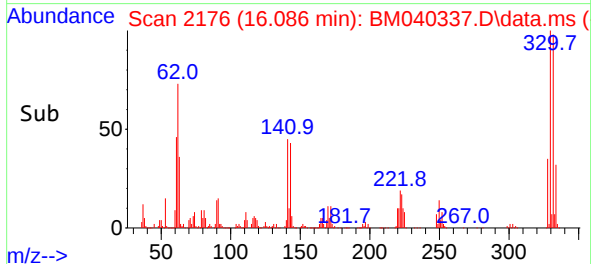
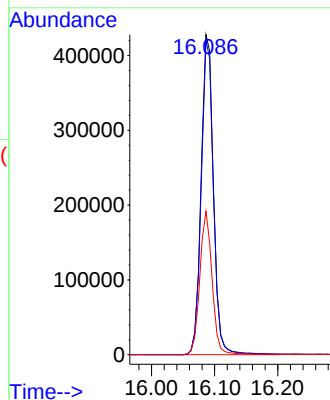
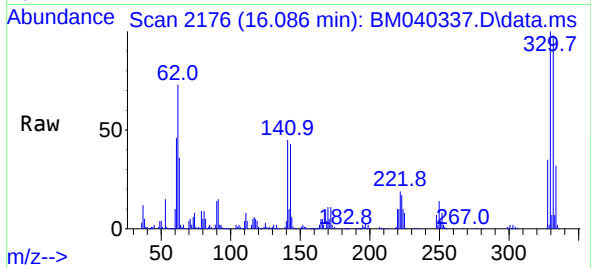




#42
2,4,6-Tribromophenol
Concen: 57.418 ng
RT: 16.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

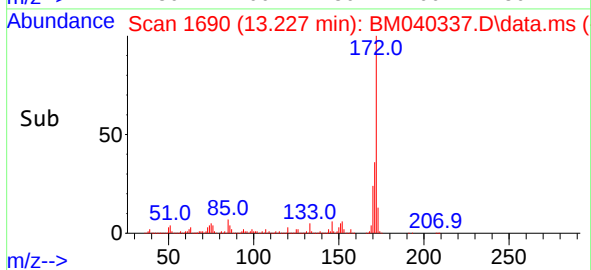
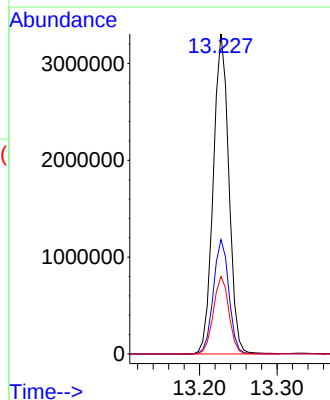
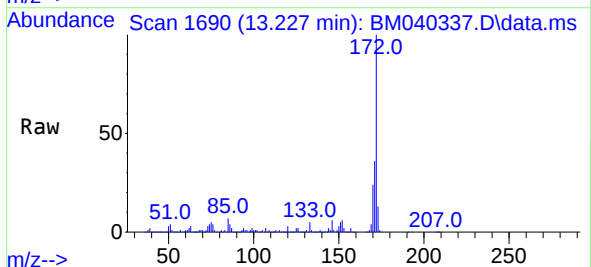
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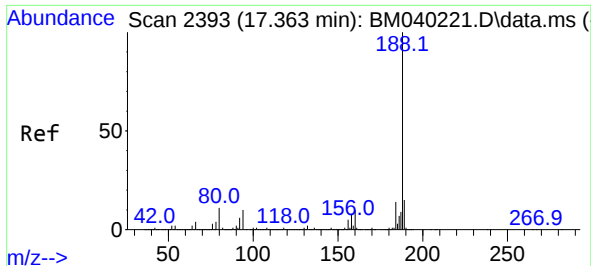
Tgt Ion:330 Resp: 580484
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 44.7 30.0 45.0



#45
2-Fluorobiphenyl
Concen: 87.456 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Tgt Ion:172 Resp: 4617520
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.2 19.5 29.3

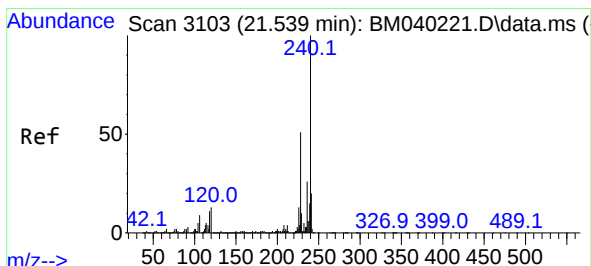
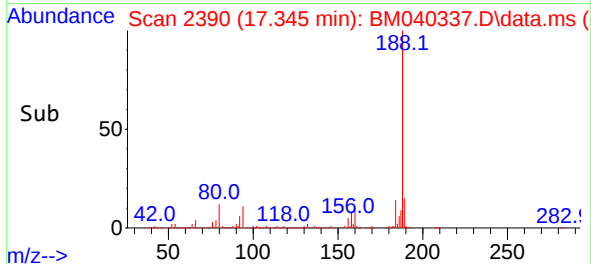
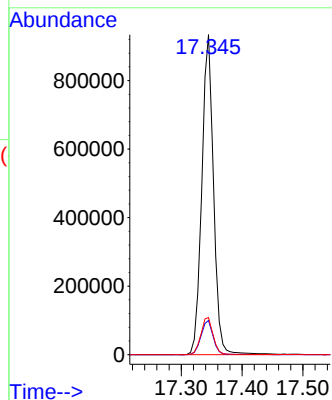
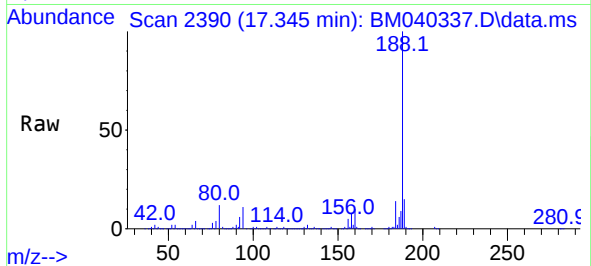




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

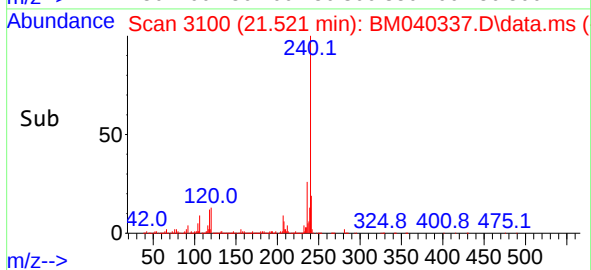
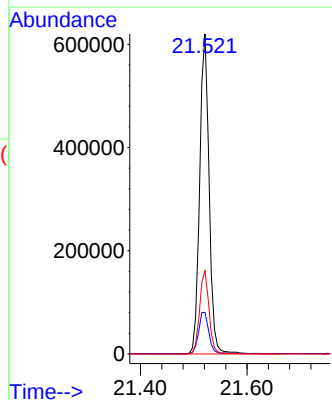
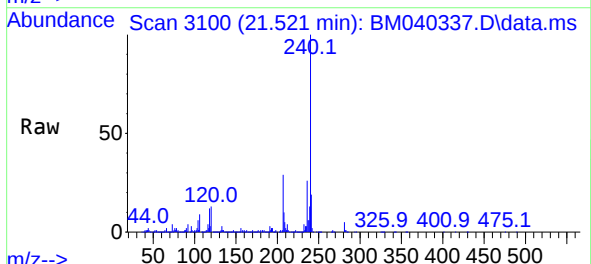
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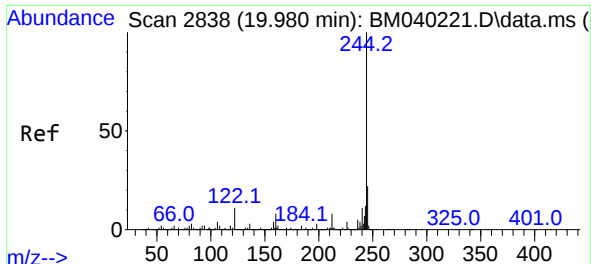
Tgt Ion:188 Resp: 1252970
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 11.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BM040337.D
Acq: 21 Jun 2023 16:39

Tgt Ion:240 Resp: 761160
Ion Ratio Lower Upper
240 100
120 13.0 10.1 15.1
236 26.0 21.0 31.4

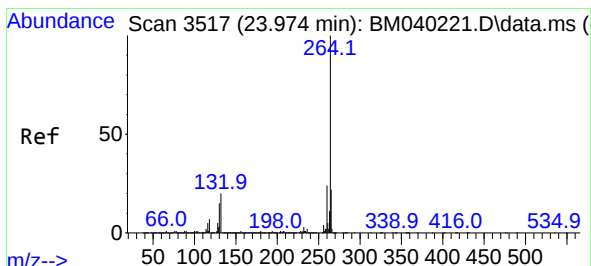
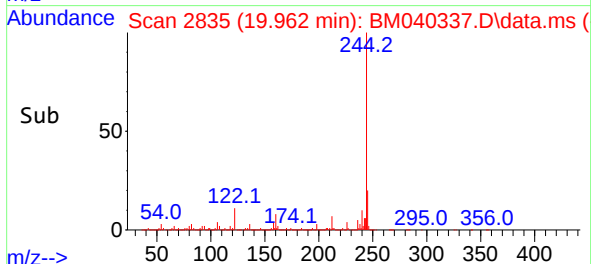
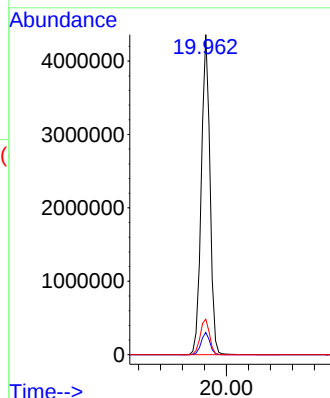
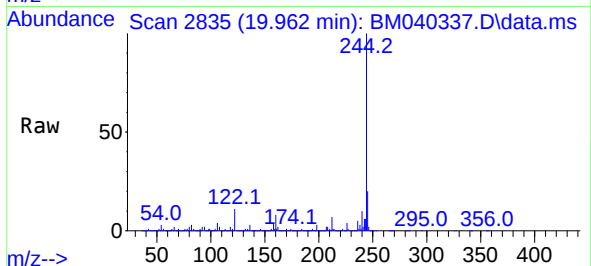




#79
 Terphenyl-d14
 Concen: 122.203 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040337.D
 Acq: 21 Jun 2023 16:39

Instrument :
 BNA_M
 ClientSampleId :
 PB153484BL

Tgt Ion:244 Resp: 4787030
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.1 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: BM040337.D
 Acq: 21 Jun 2023 16:39

Tgt Ion:264 Resp: 710209
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.7 17.5 26.3

