

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039560.D
 Acq On : 21 Apr 2023 20:27
 Operator : CG/JU
 Sample : 02406-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-15-COMP

Quant Time: Apr 22 01:47:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

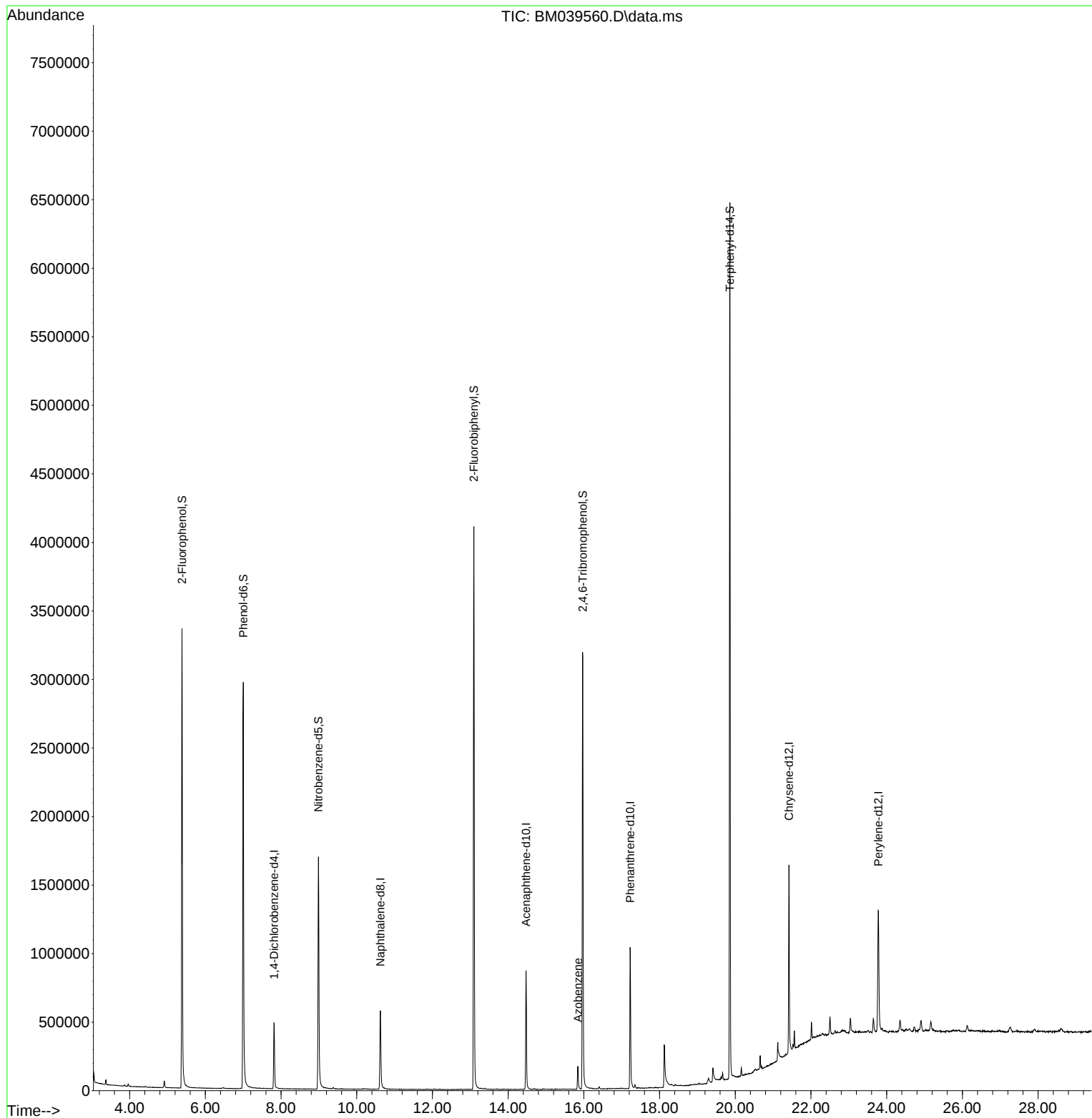
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	134627	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	532856	20.000	ng	0.00
39) Acenaphthene-d10	14.472	164	309502	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	650111	20.000	ng	0.00
76) Chrysene-d12	21.418	240	645859	20.000	ng	0.00
86) Perylene-d12	23.777	264	670360	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1420723	172.418	ng	0.00
7) Phenol-d6	7.001	99	1778315	146.850	ng	0.00
23) Nitrobenzene-d5	8.990	82	1061459	97.550	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	573831	142.877	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	2107224	94.204	ng	0.00
79) Terphenyl-d14	19.859	244	3101386	86.629	ng	0.00
Target Compounds						
63) Azobenzene	15.842	77	58290	2.303	ng	Qvalue # 1

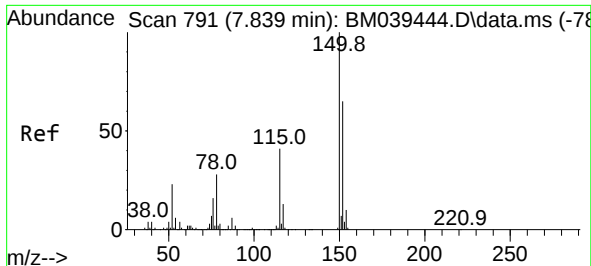
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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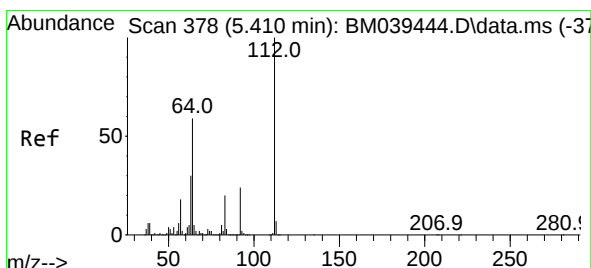
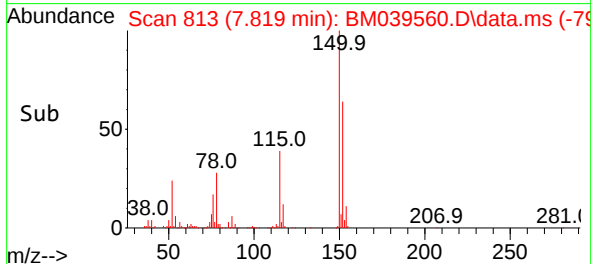
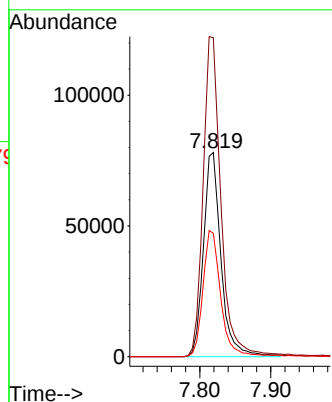
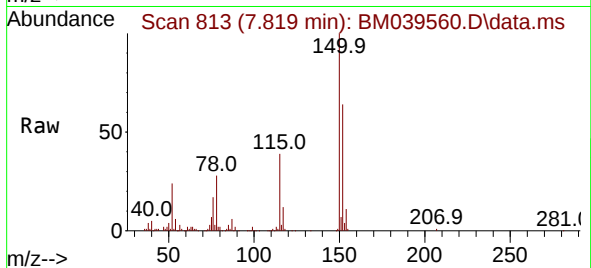




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.819 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM039560.D
 Acq: 21 Apr 2023 20:27

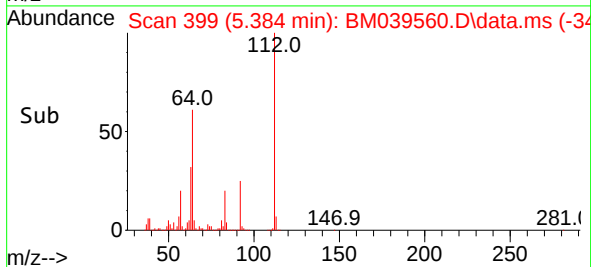
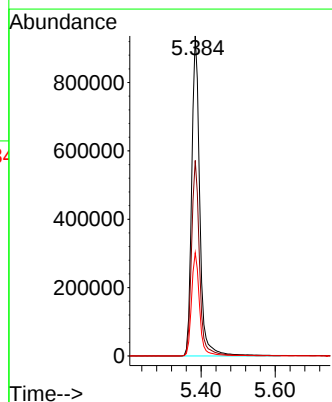
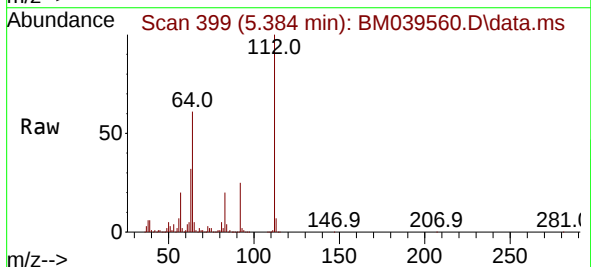
Instrument :
 BNA_M
 ClientSampleId :
 SB-15-COMP

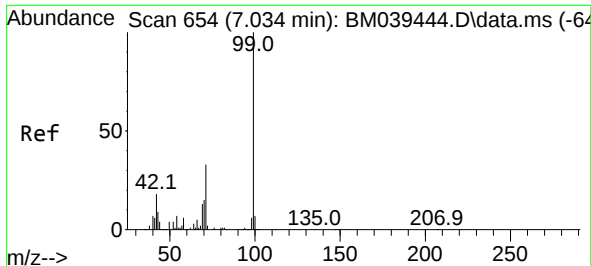
Tgt Ion:152 Resp: 134627
 Ion Ratio Lower Upper
 152 100
 150 156.3 123.0 184.4
 115 60.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 172.418 ng
 RT: 5.384 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: BM039560.D
 Acq: 21 Apr 2023 20:27

Tgt Ion:112 Resp: 1420723
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.0 70.4
 63 32.2 24.2 36.4

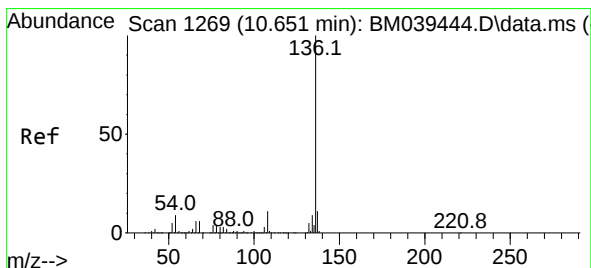
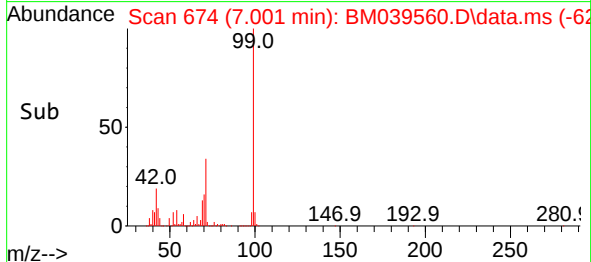
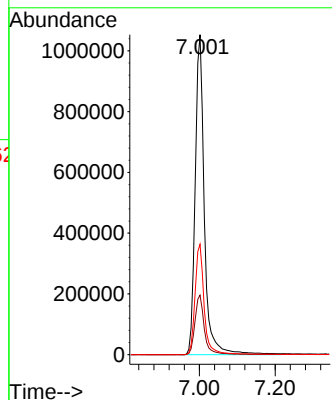
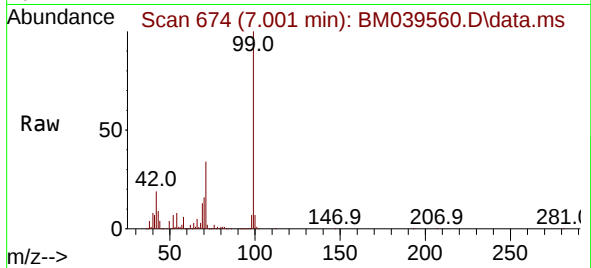




#7
Phenol-d6
Concen: 146.850 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

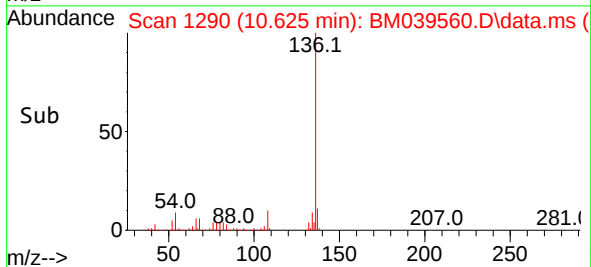
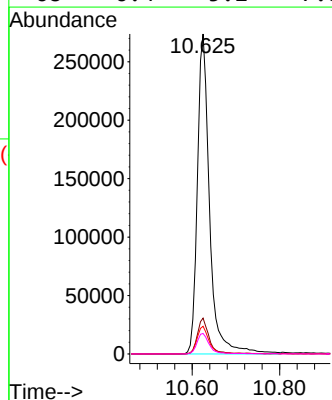
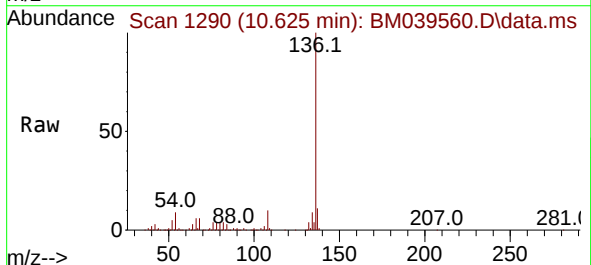
Instrument :
BNA_M
ClientSampleId :
SB-15-COMP

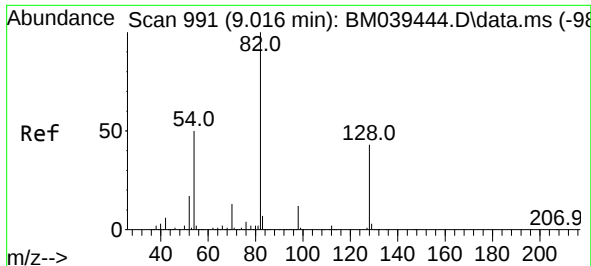
Tgt Ion: 99 Resp: 1778315
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 34.5 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

Tgt Ion: 136 Resp: 532856
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.6 6.9 10.3
68 6.4 5.2 7.8





#23
Nitrobenzene-d5
Concen: 97.550 ng
RT: 8.990 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

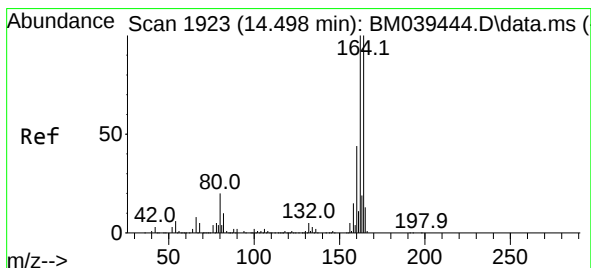
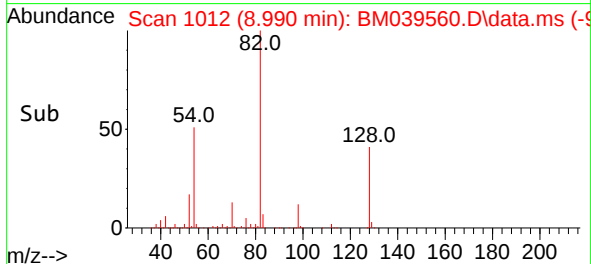
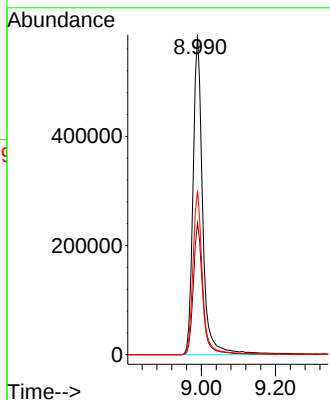
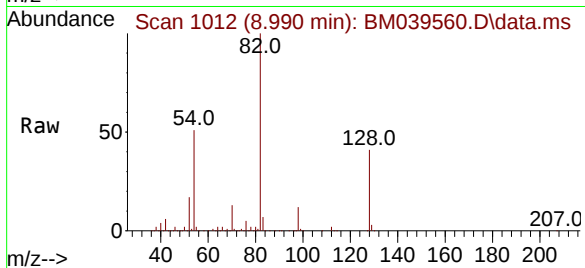
Instrument :

BNA_M

ClientSampleId :

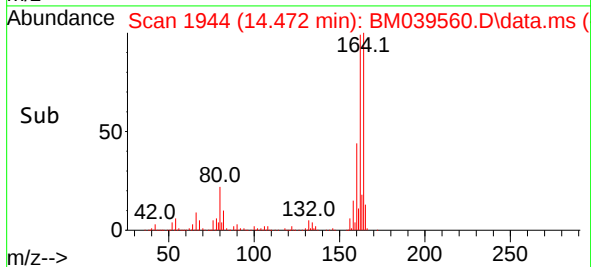
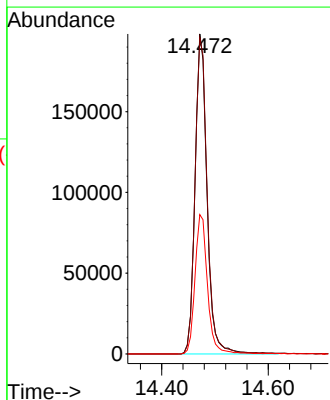
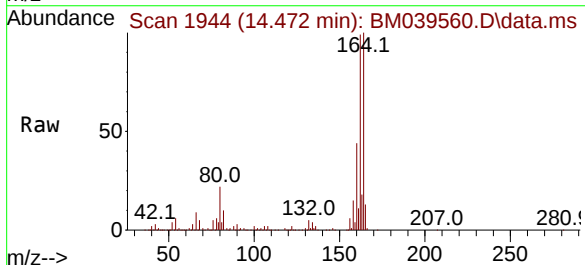
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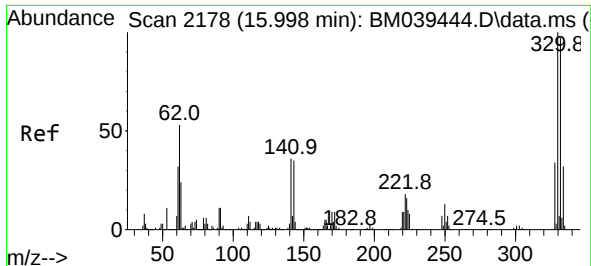
Tgt Ion: 82 Resp: 1061459
Ion Ratio Lower Upper
82 100
128 41.2 34.2 51.2
54 51.4 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.472 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

Tgt Ion: 164 Resp: 309502
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.5 35.0 52.4

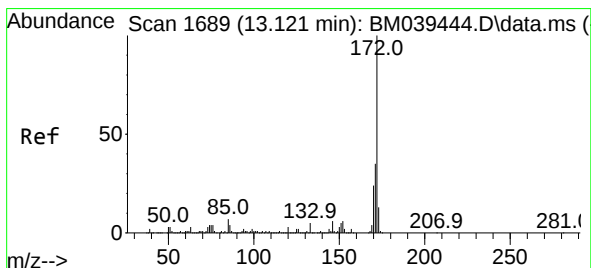
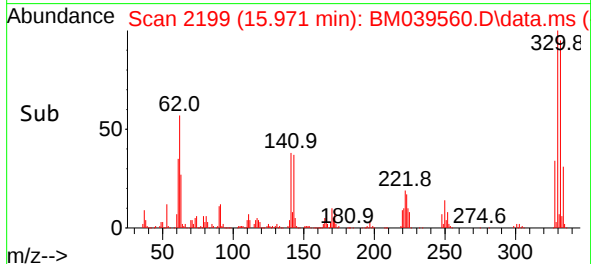
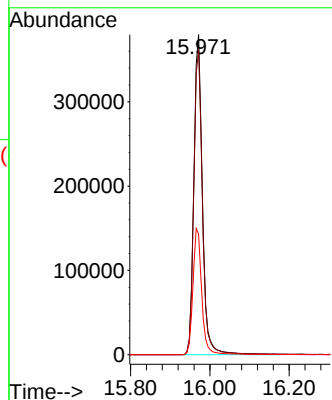
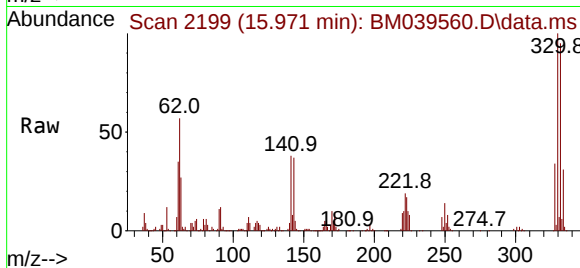




#42
2,4,6-Tribromophenol
Concen: 142.877 ng
RT: 15.971 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

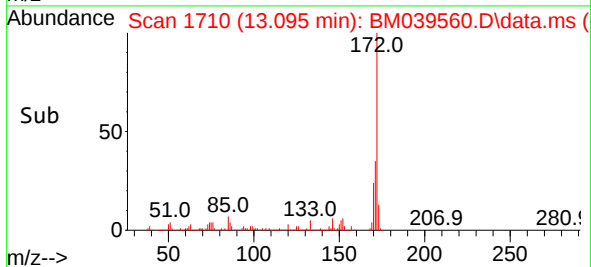
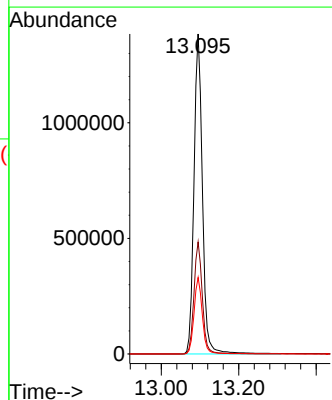
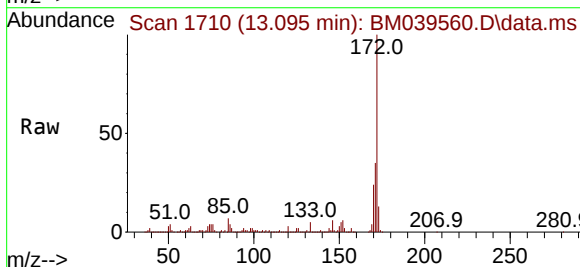
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ClientSampleId :
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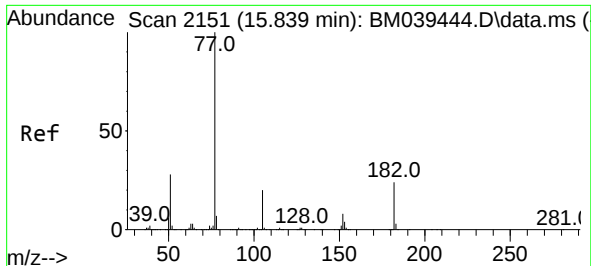
Tgt Ion:330 Resp: 573831
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 40.4 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 94.204 ng
RT: 13.095 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

Tgt Ion:172 Resp: 2107224
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.9 19.0 28.4

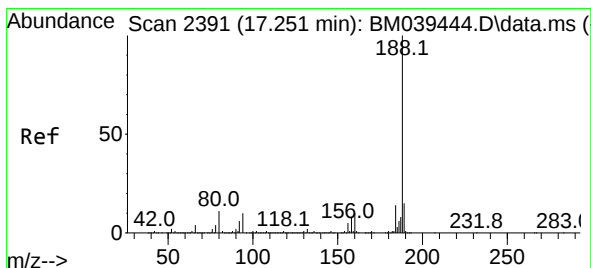
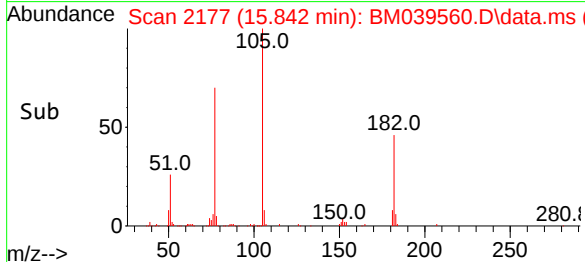
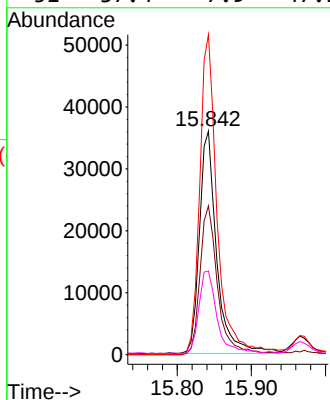
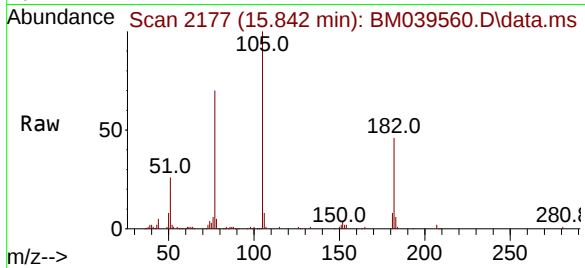




#63
Azobenzene
Concen: 2.303 ng
RT: 15.842 min Scan# 2151
Delta R.T. 0.024 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

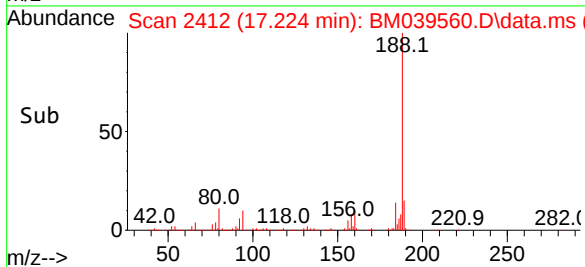
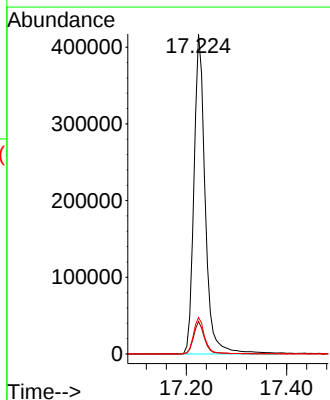
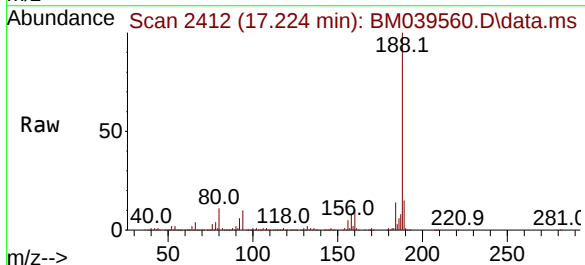
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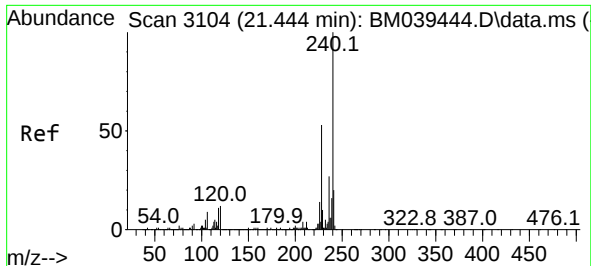
Tgt Ion: 77 Resp: 58290
Ion Ratio Lower Upper
77 100
182 66.5 3.7 43.7#
105 143.0 0.5 40.5#
51 37.4 7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

Tgt Ion: 188 Resp: 650111
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.4 8.9 13.3

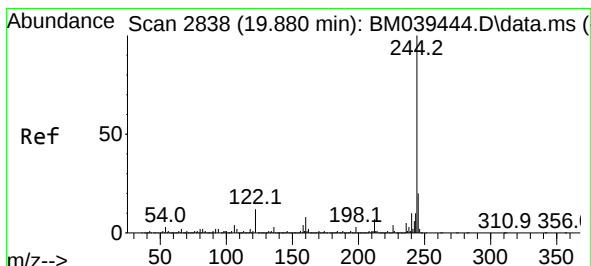
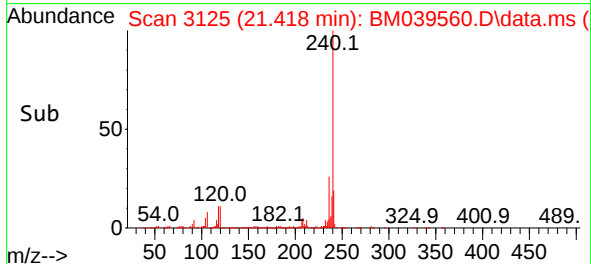
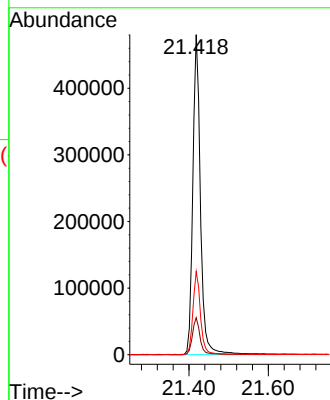
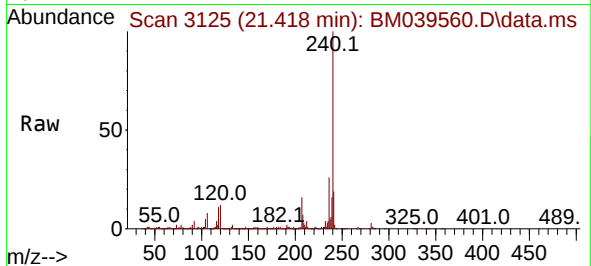




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

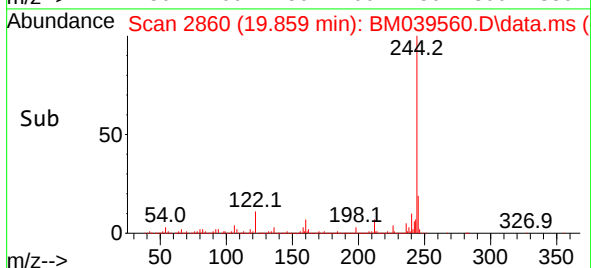
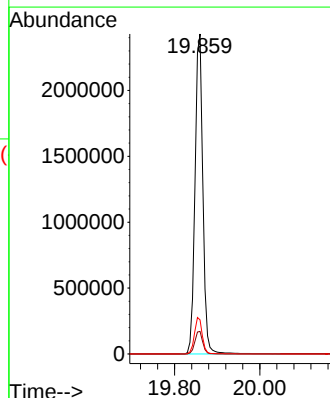
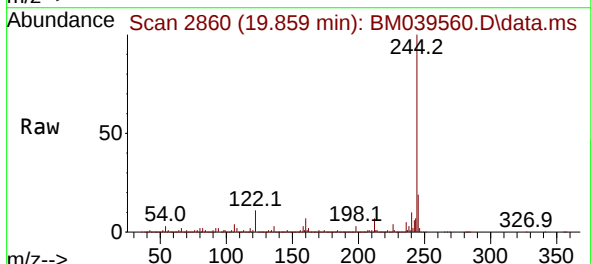
Instrument :
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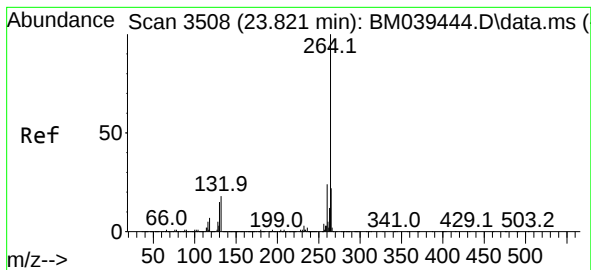
Tgt Ion:240 Resp: 645859
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 86.629 ng
RT: 19.859 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BM039560.D
Acq: 21 Apr 2023 20:27

Tgt Ion:244 Resp: 3101386
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.6 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.777 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM039560.D

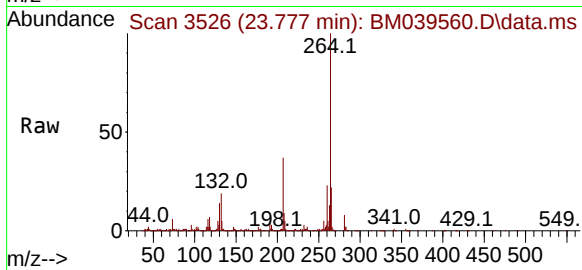
Acq: 21 Apr 2023 20:27

Instrument :

BNA_M

ClientSampleId :

SB-15-COMP



Tgt Ion:264 Resp: 670360

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.7 18.0 27.0

