

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039923.D
 Acq On : 12 May 2023 18:33
 Operator : CG/JU
 Sample : PB152709BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152709BL

Quant Time: May 13 03:00:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 02:16:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	483457	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2073768	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1246371	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	2573517	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1705029	20.000	ng	0.00
86) Perylene-d12	24.041	264	1610011	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	5094321	171.243	ng	0.00
7) Phenol-d6	7.190	99	6372754	160.768	ng	0.00
23) Nitrobenzene-d5	9.201	82	3415451	96.459	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	3246622	135.501	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	9963599	102.258	ng	0.00
79) Terphenyl-d14	20.024	244	12283665	130.389	ng	0.00

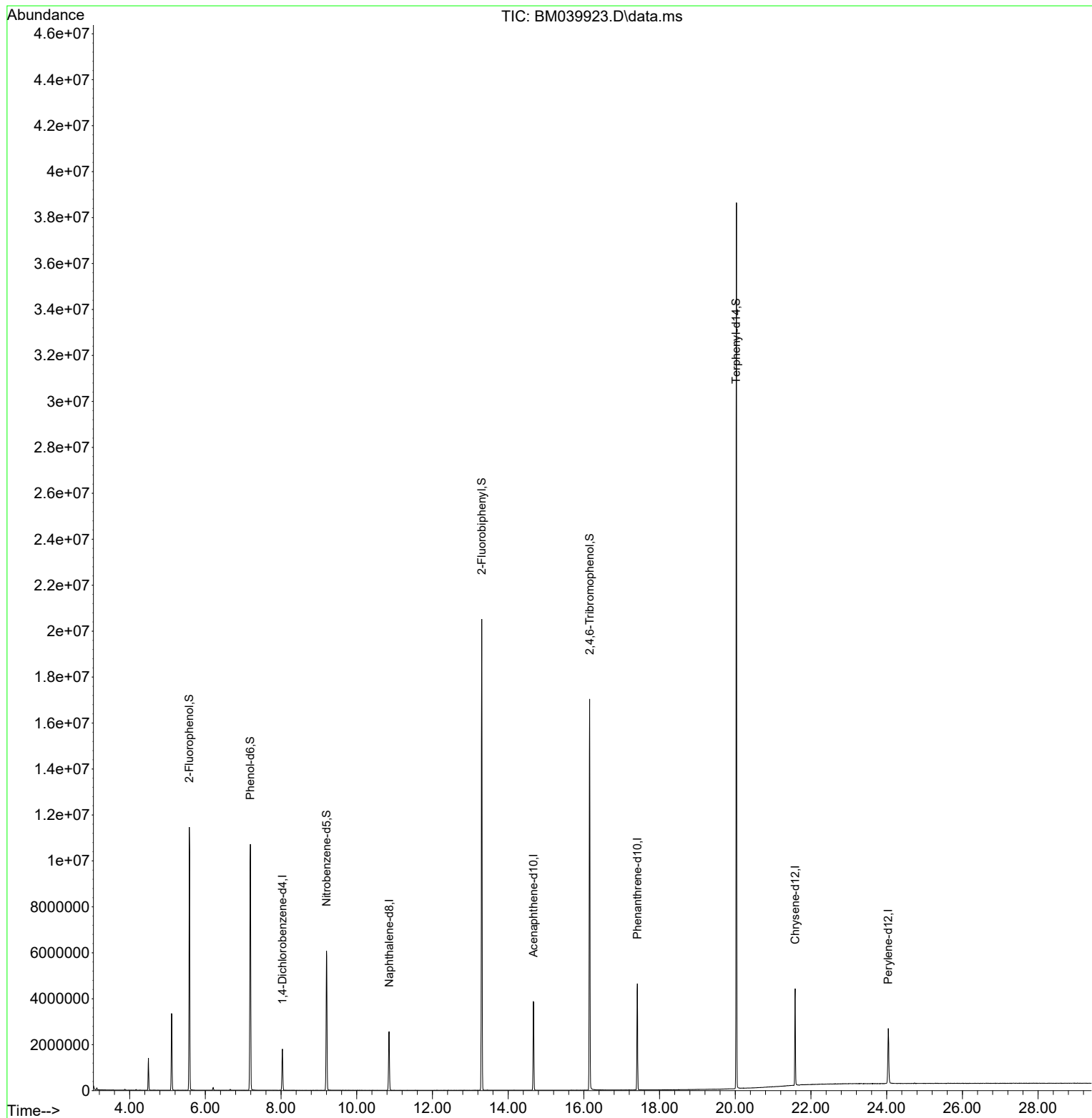
Target Compounds	Qvalue

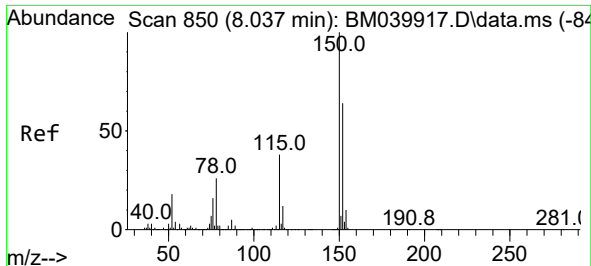
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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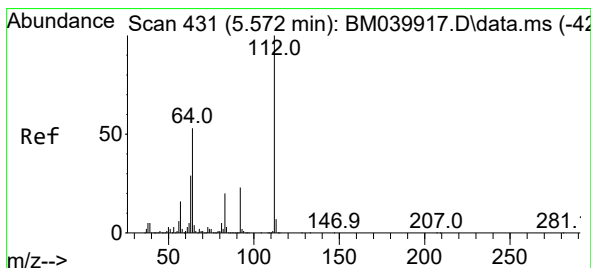
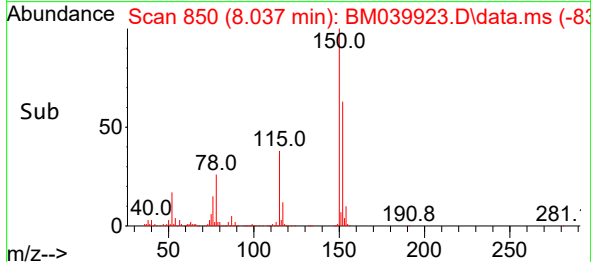
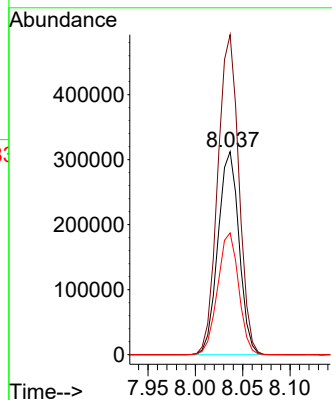
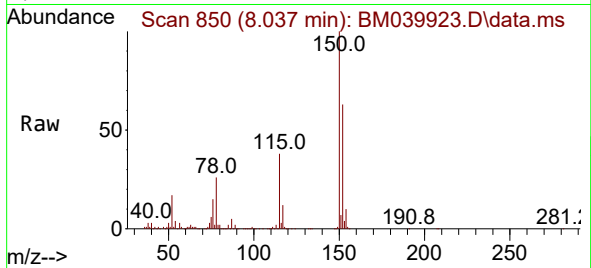




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

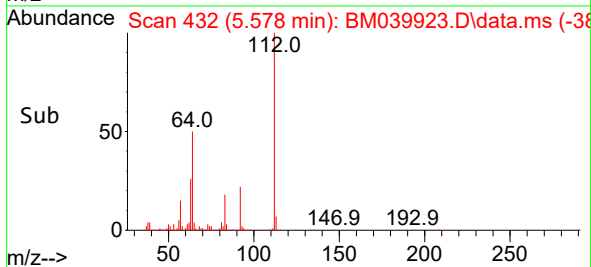
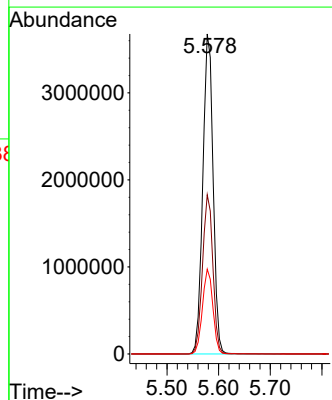
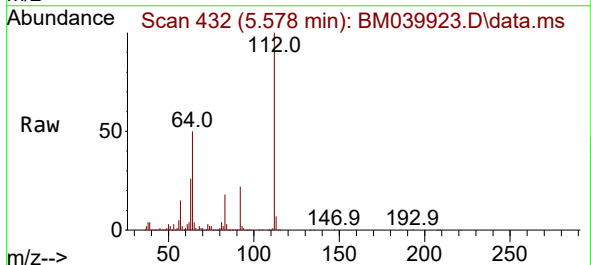
Instrument :
BNA_M
ClientSampleId :
PB152709BL

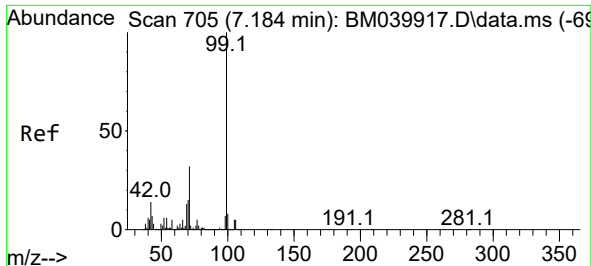
Tgt Ion:152 Resp: 483457
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.4
115 60.0 47.0 70.6



#5
2-Fluorophenol
Concen: 171.243 ng
RT: 5.578 min Scan# 432
Delta R.T. 0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:112 Resp: 5094321
Ion Ratio Lower Upper
112 100
64 49.8 42.6 64.0
63 26.5 23.3 34.9



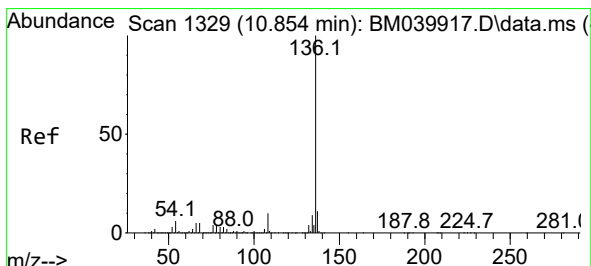
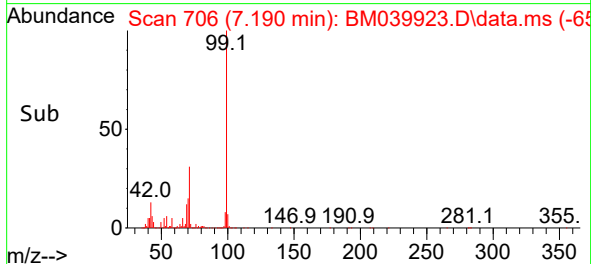
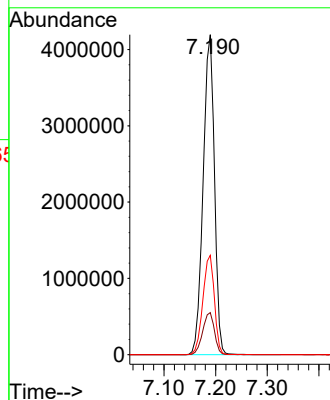
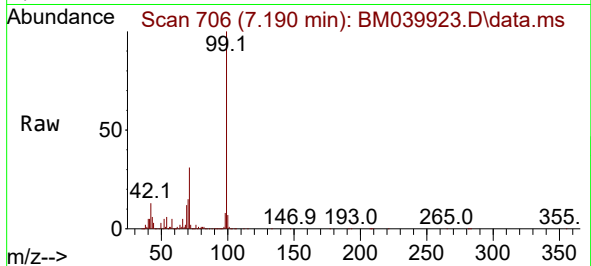


#7
Phenol-d6
Concen: 160.768 ng
RT: 7.190 min Scan# 705
Delta R.T. 0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Instrument :
BNA_M
ClientSampleId :
PB152709BL

Tgt Ion: 99 Resp: 6372754

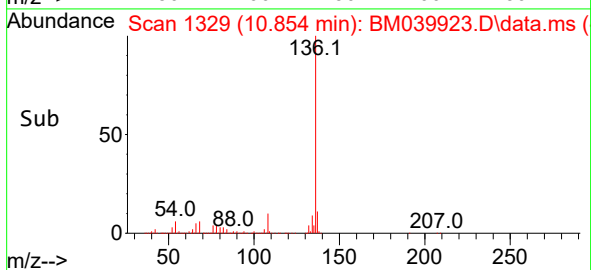
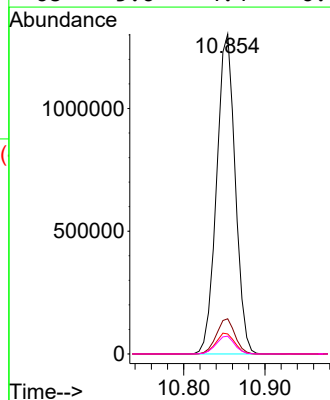
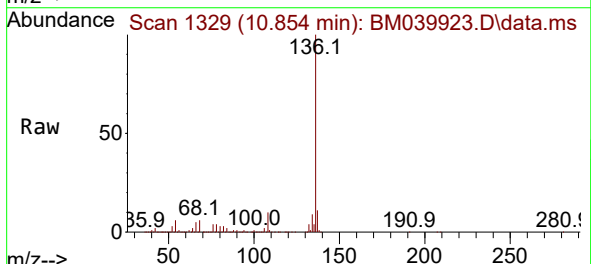
Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.5	17.3
71	31.1	25.7	38.5

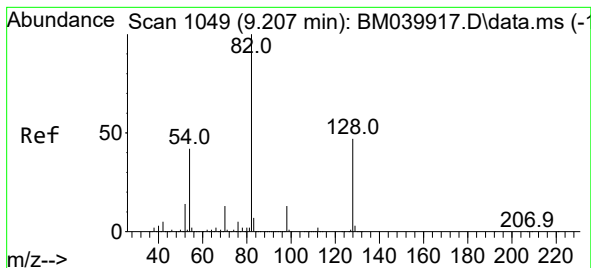


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 136 Resp: 2073768

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.2	5.2	7.8
68	5.6	4.4	6.6

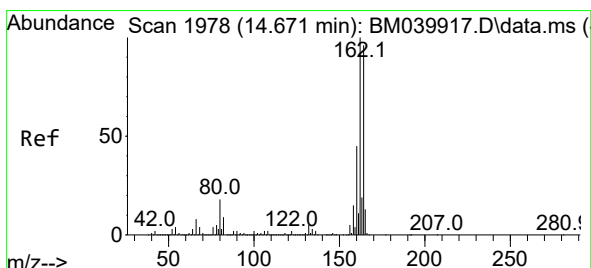
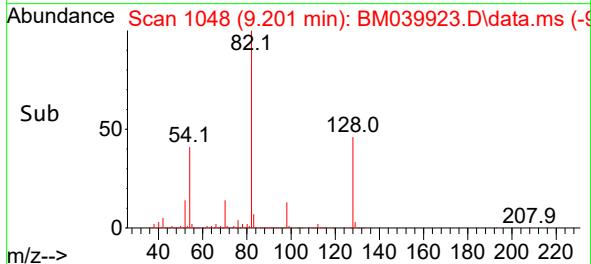
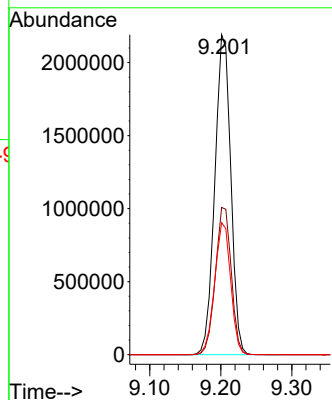
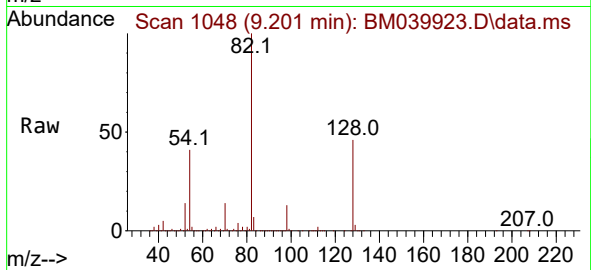




#23
Nitrobenzene-d5
Concen: 96.459 ng
RT: 9.201 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

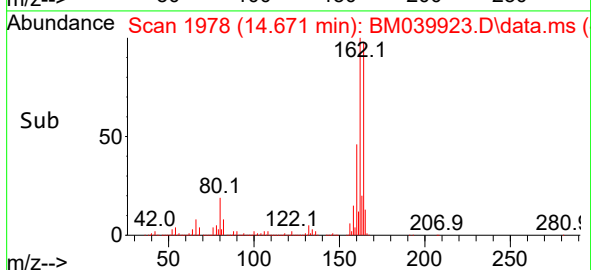
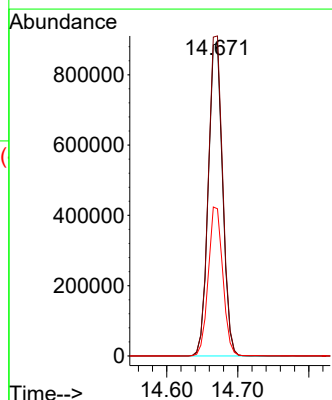
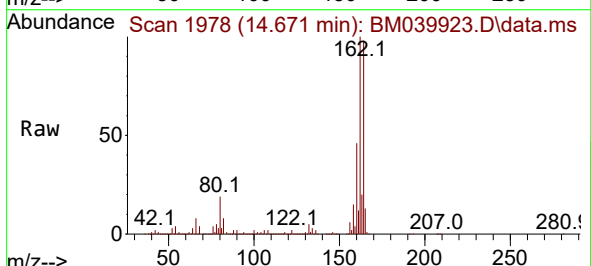
Instrument :
BNA_M
ClientSampleId :
PB152709BL

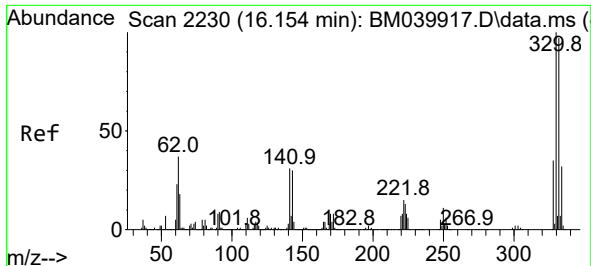
Tgt Ion: 82 Resp: 3415451
Ion Ratio Lower Upper
82 100
128 46.0 37.2 55.8
54 41.3 33.5 50.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.671 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 164 Resp: 1246371
Ion Ratio Lower Upper
164 100
162 102.4 83.6 125.4
160 47.1 37.8 56.6

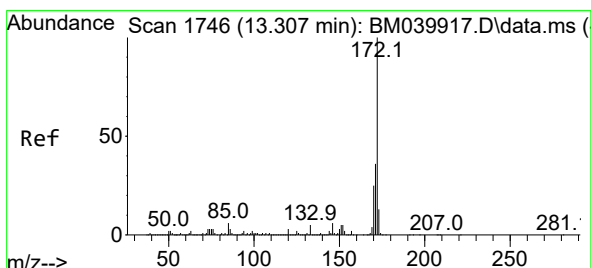
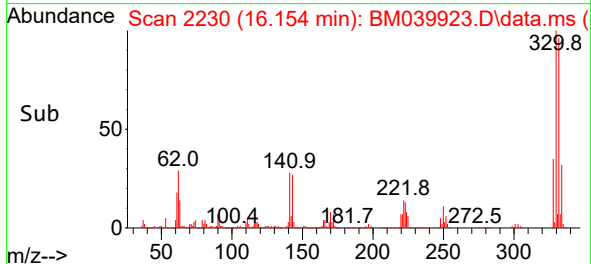
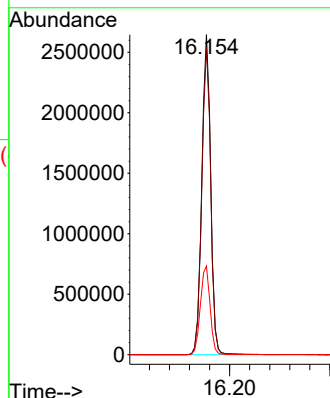
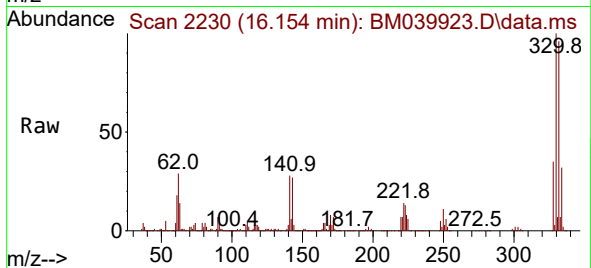




#42
2,4,6-Tribromophenol
Concen: 135.501 ng
RT: 16.154 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

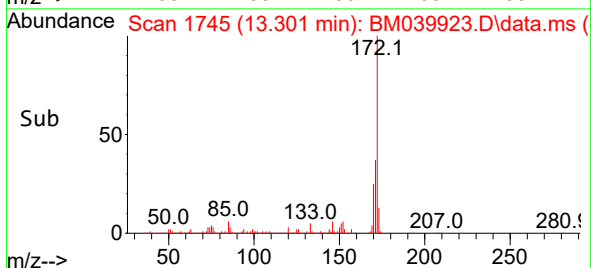
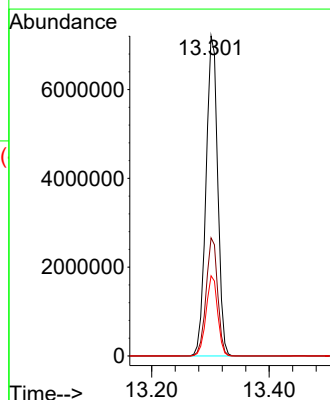
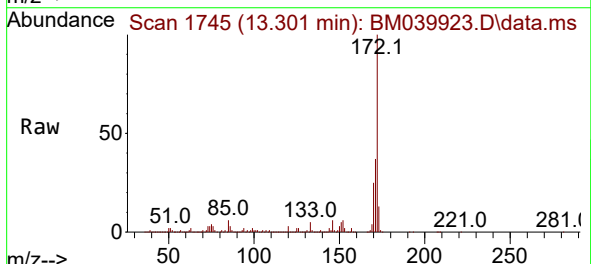
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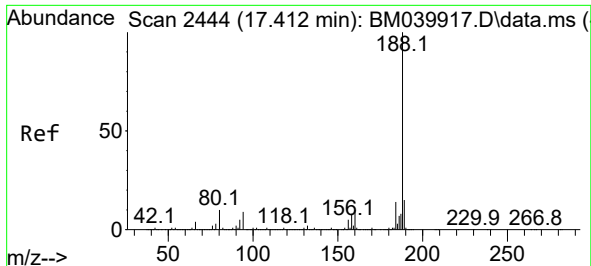
Tgt Ion:330 Resp: 3246622
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 30.3 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 102.258 ng
RT: 13.301 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:172 Resp: 9963599
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 25.1 19.9 29.9

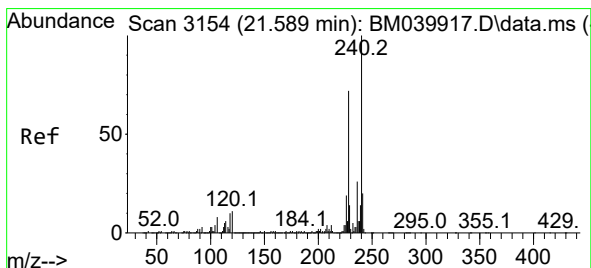
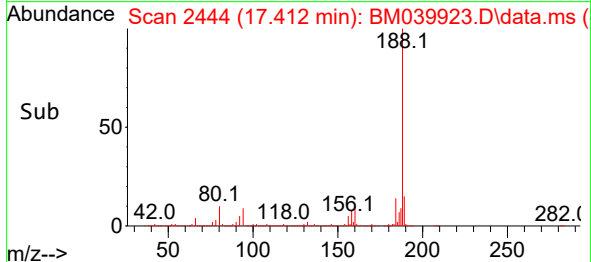
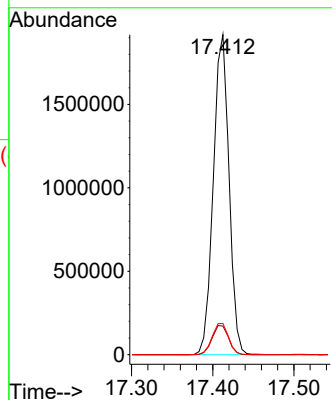
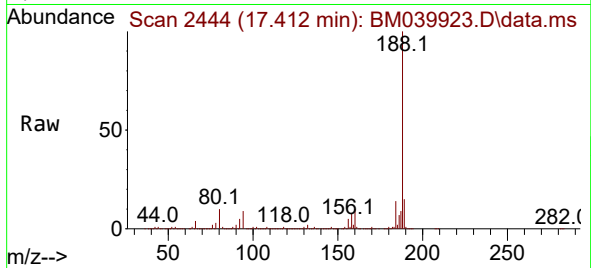




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.412 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

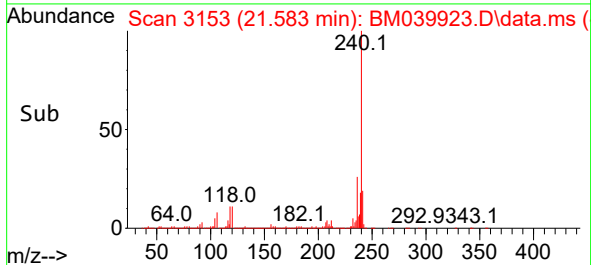
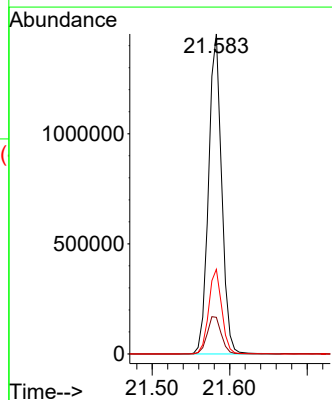
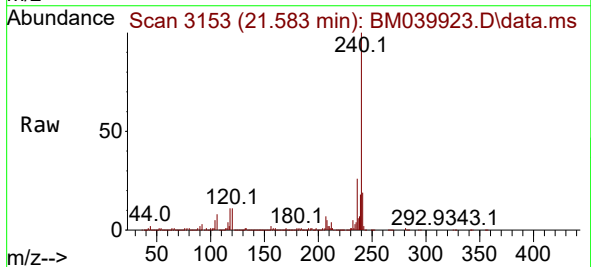
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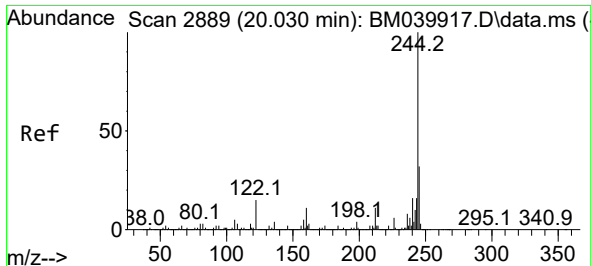
Tgt Ion:188 Resp: 2573517
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:240 Resp: 1705029
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 26.5 20.9 31.3

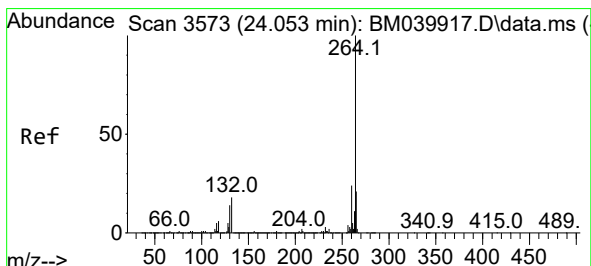
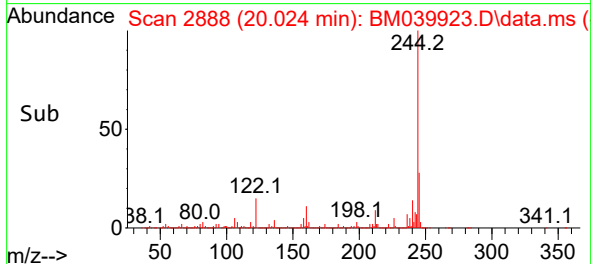
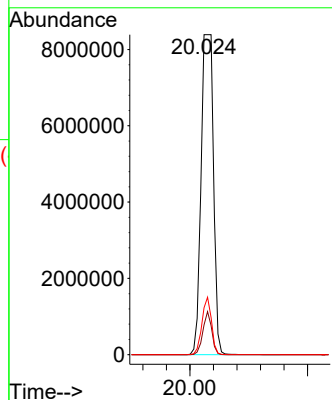
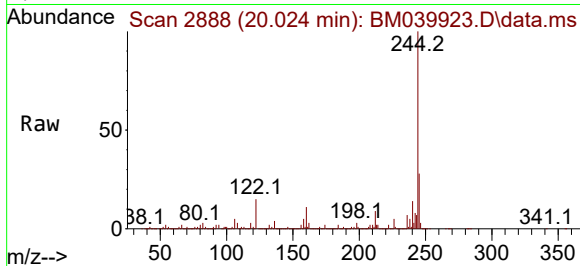




#79
 Terphenyl-d14
 Concen: 130.389 ng
 RT: 20.024 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039923.D
 Acq: 12 May 2023 18:33

Instrument :
 BNA_M
 ClientSampleId :
 PB152709BL

Tgt Ion:244 Resp:12283665
 Ion Ratio Lower Upper
 244 100
 212 9.3 8.5 12.7
 122 14.6 12.1 18.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.041 min Scan# 3571
 Delta R.T. -0.012 min
 Lab File: BM039923.D
 Acq: 12 May 2023 18:33

Tgt Ion:264 Resp: 1610011
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.3 28.9
 265 21.9 17.2 25.8

