

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051123\
 Data File : BM039910.D
 Acq On : 11 May 2023 23:01
 Operator : CG/JU
 Sample : PB152561TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152561TB

Quant Time: May 12 03:32:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 02:40:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	445034	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	1767162	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	979257	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	1798481	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1010516	20.000	ng	0.00
86) Perylene-d12	24.041	264	897167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	4462103	159.678	ng	0.00
7) Phenol-d6	7.190	99	5262912	144.506	ng	0.00
23) Nitrobenzene-d5	9.201	82	2940812	98.007	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	2186013	128.566	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	7937416	97.699	ng	0.00
79) Terphenyl-d14	20.030	244	9828979	146.262	ng	0.00

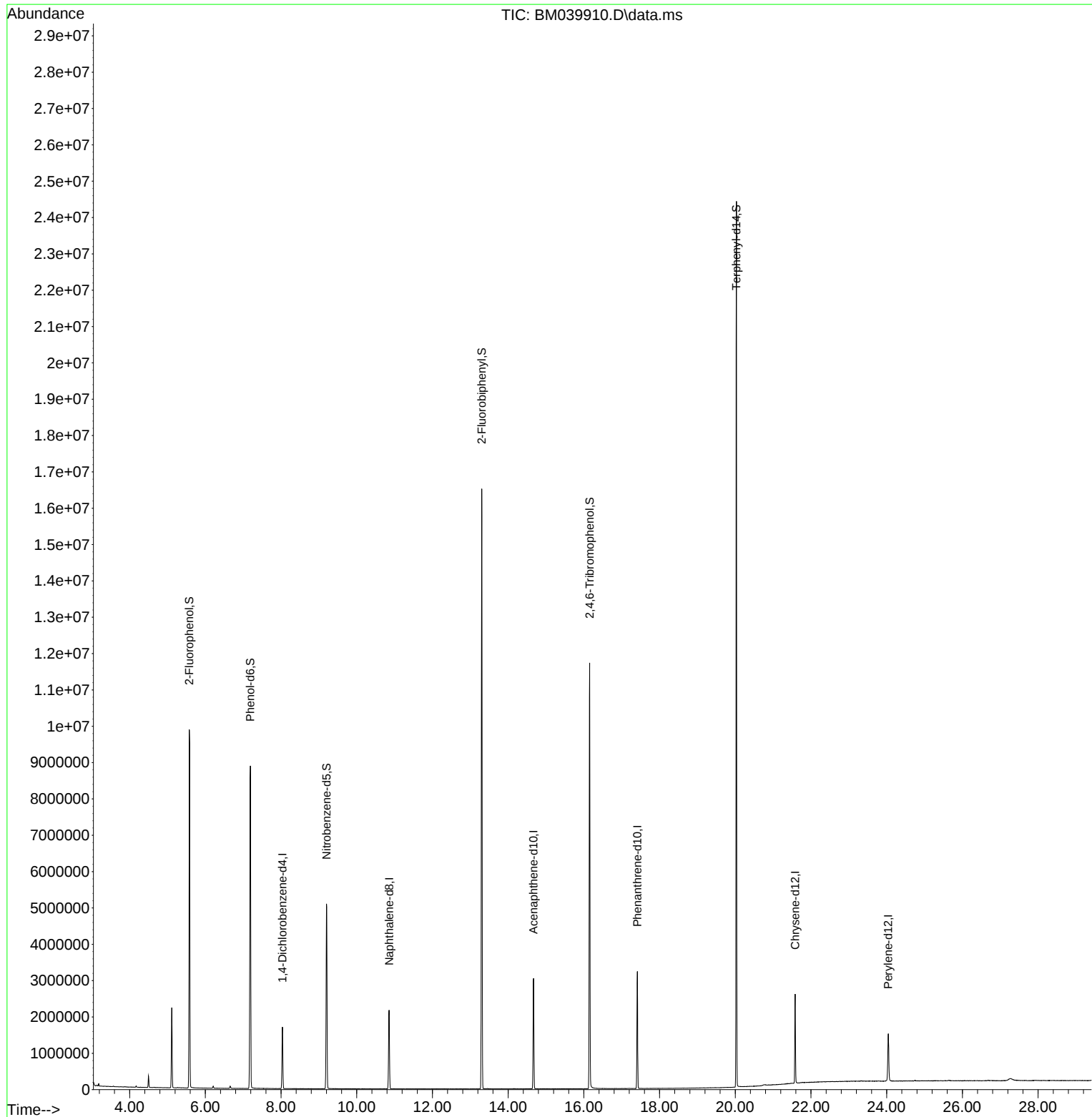
Target Compounds	Qvalue

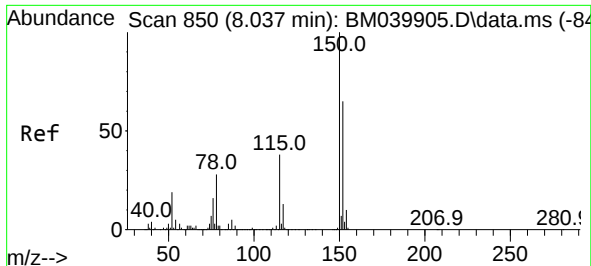
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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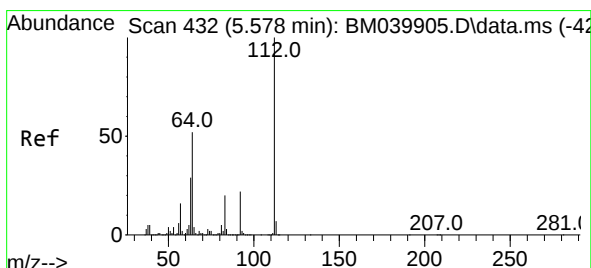
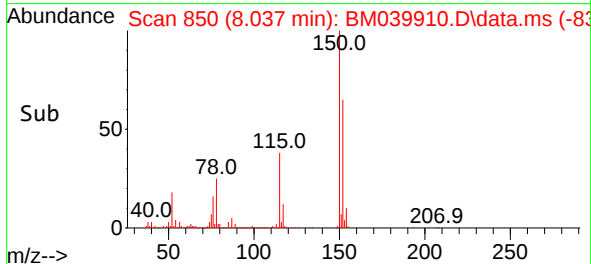
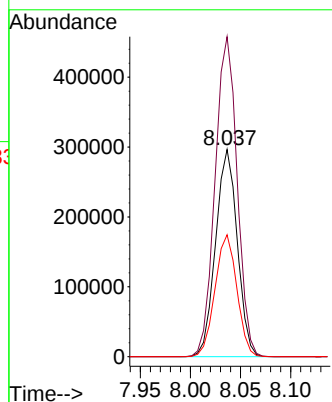
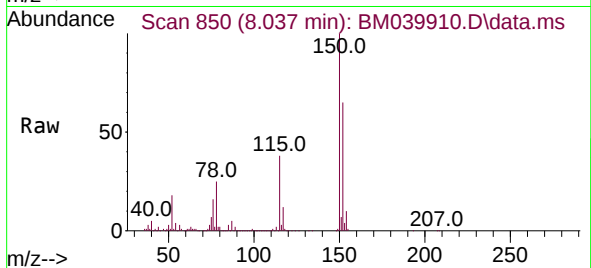




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 850
Delta R.T. -0.000 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

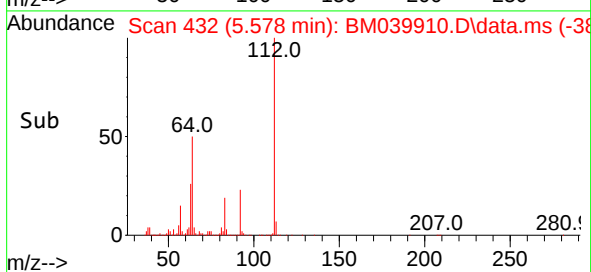
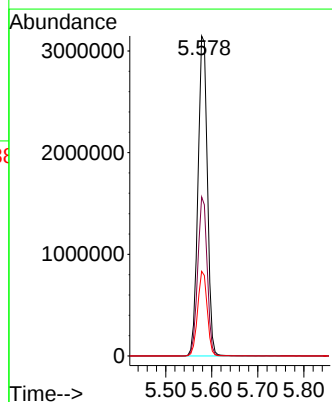
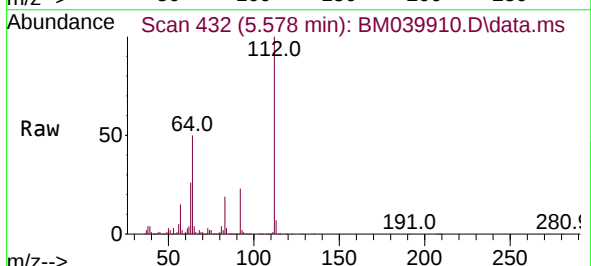
Instrument :
BNA_M
ClientSampleId :
PB152561TB

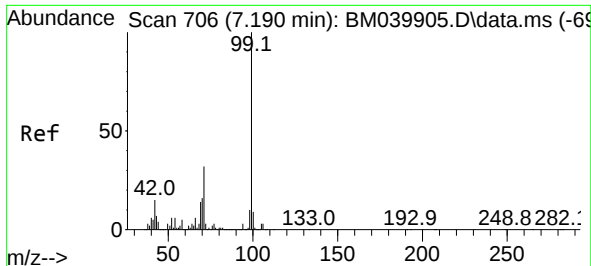
Tgt Ion:152 Resp: 445034
Ion Ratio Lower Upper
152 100
150 154.5 122.3 183.5
115 58.9 46.8 70.2



#5
2-Fluorophenol
Concen: 159.678 ng
RT: 5.578 min Scan# 432
Delta R.T. -0.000 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

Tgt Ion:112 Resp: 4462103
Ion Ratio Lower Upper
112 100
64 49.7 41.8 62.6
63 26.4 23.0 34.4



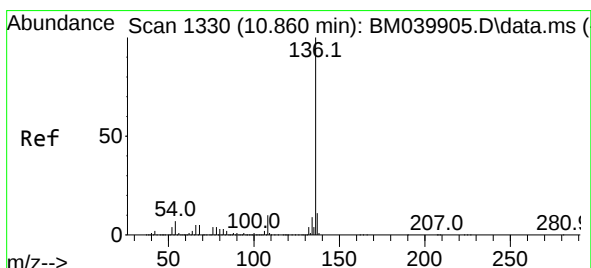
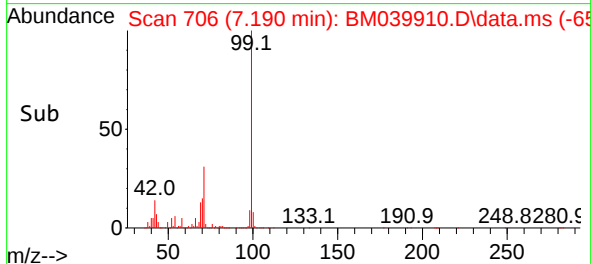
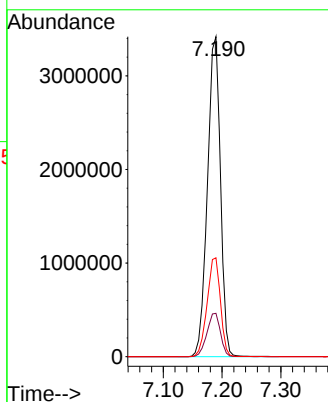
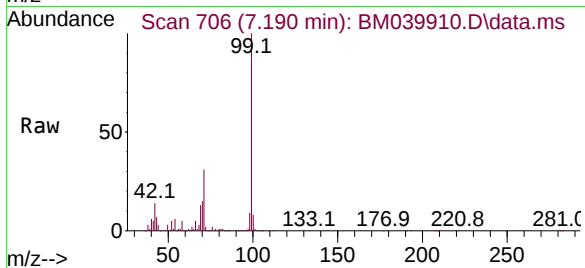


#7
Phenol-d6
Concen: 144.506 ng
RT: 7.190 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

Instrument :
BNA_M
ClientSampleId :
PB152561TB

Tgt Ion: 99 Resp: 5262912

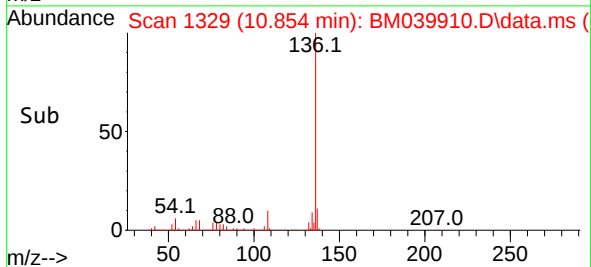
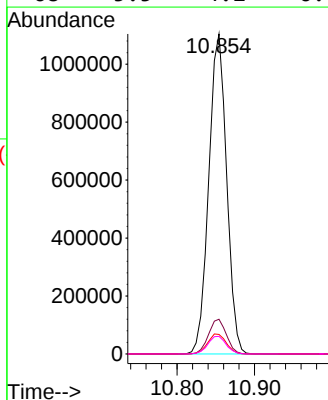
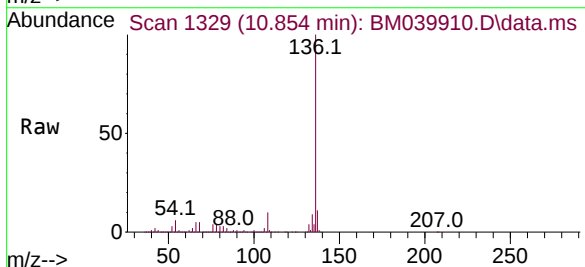
Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.1	18.1
71	30.9	25.6	38.4

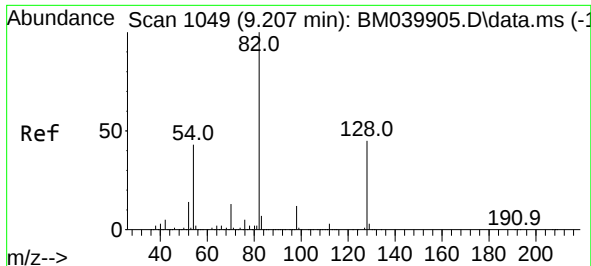


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

Tgt Ion: 136 Resp: 1767162

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.1	5.3	7.9
68	5.5	4.2	6.4

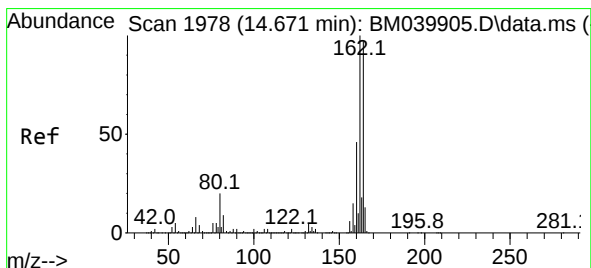
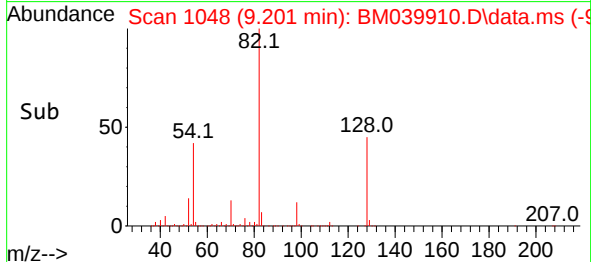
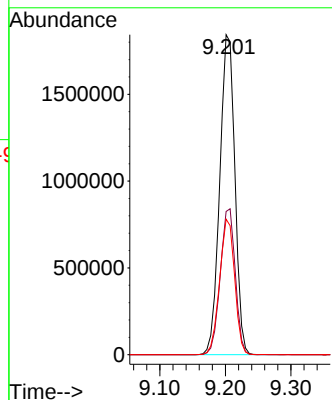
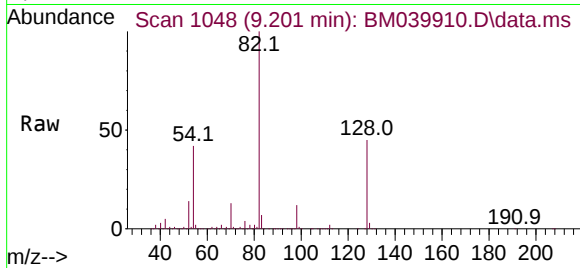




#23
Nitrobenzene-d5
Concen: 98.007 ng
RT: 9.201 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

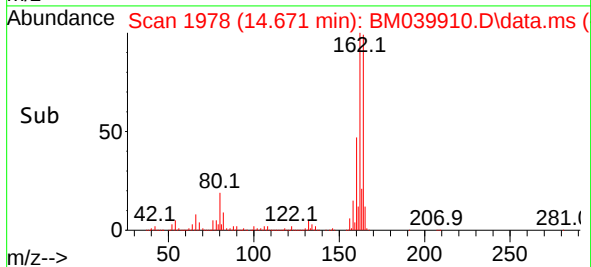
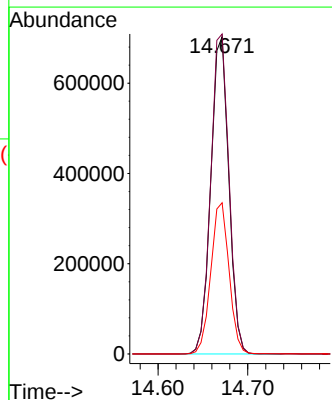
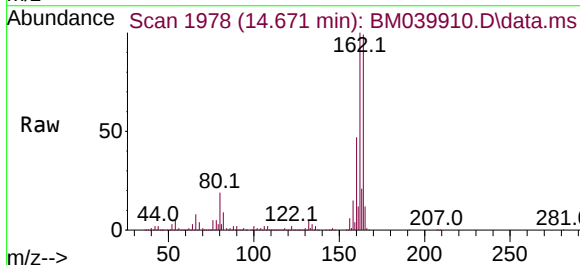
Instrument :
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ClientSampleId :
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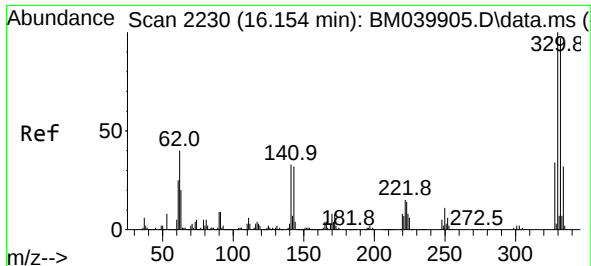
Tgt Ion: 82 Resp: 2940812
Ion Ratio Lower Upper
82 100
128 44.8 35.9 53.9
54 42.3 34.2 51.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.671 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

Tgt Ion:164 Resp: 979257
Ion Ratio Lower Upper
164 100
162 100.8 82.4 123.6
160 47.6 37.8 56.6

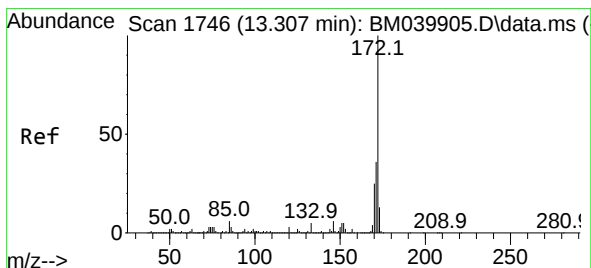
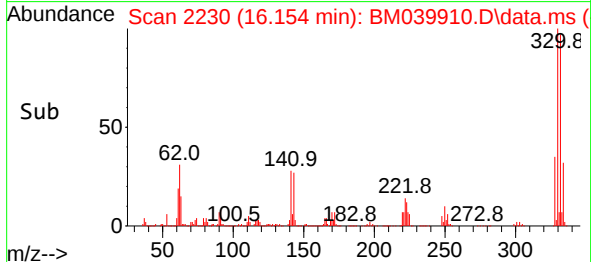
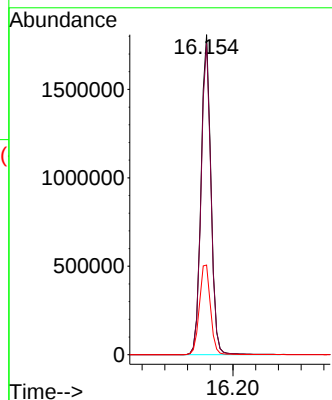
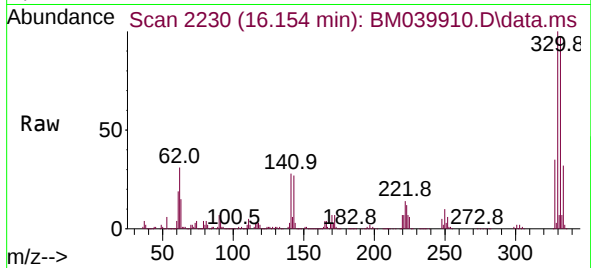




#42
2,4,6-Tribromophenol
Concen: 128.566 ng
RT: 16.154 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

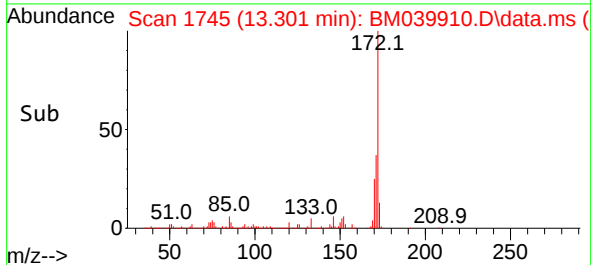
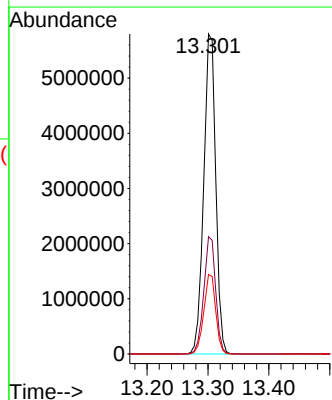
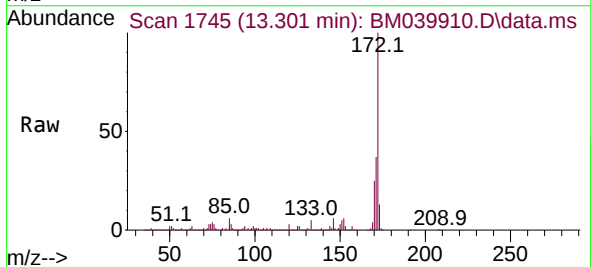
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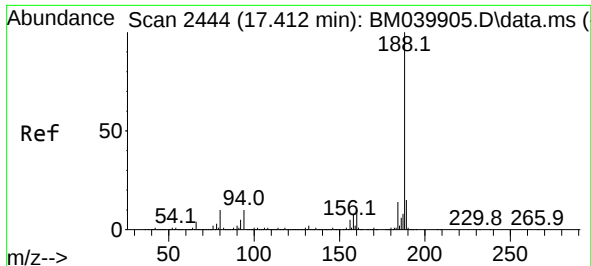
Tgt Ion:330 Resp: 2186013
Ion Ratio Lower Upper
330 100
332 97.2 77.9 116.9
141 31.6 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 97.699 ng
RT: 13.301 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

Tgt Ion:172 Resp: 7937416
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.8 19.8 29.8

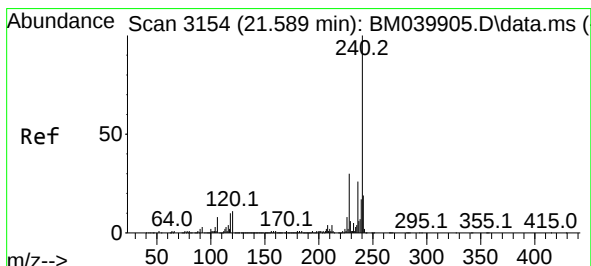
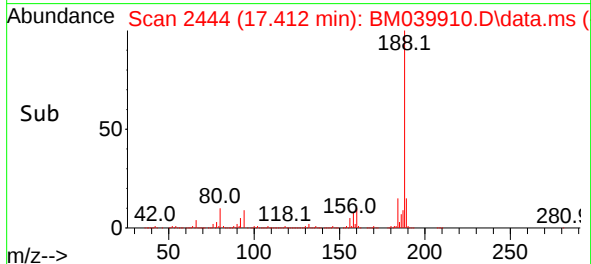
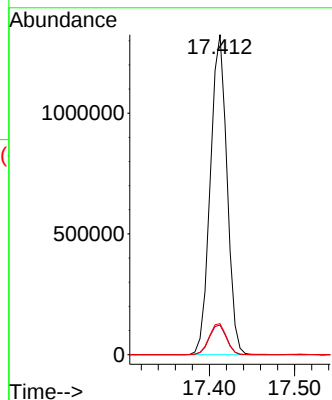
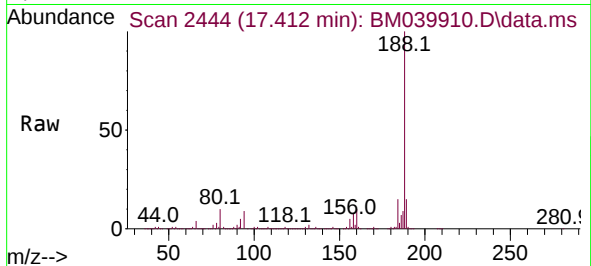




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.412 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

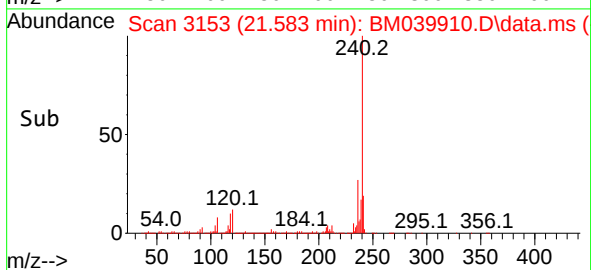
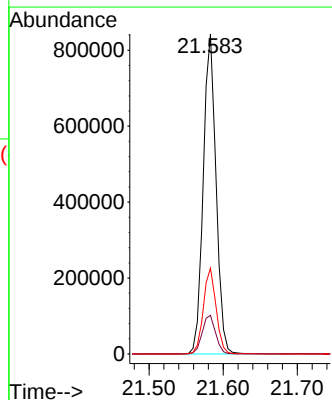
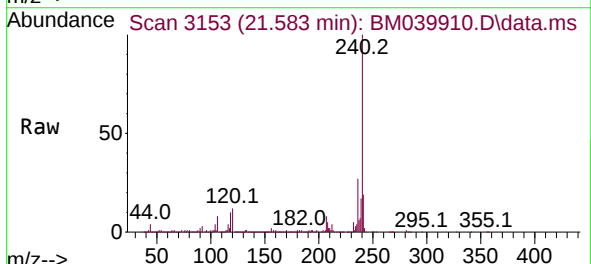
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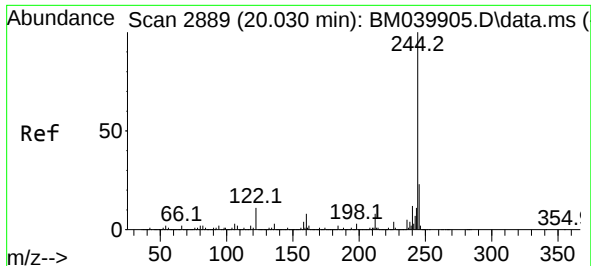
Tgt Ion:188 Resp: 1798481
Ion Ratio Lower Upper
188 100
94 9.2 7.7 11.5
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BM039910.D
Acq: 11 May 2023 23:01

Tgt Ion:240 Resp: 1010516
Ion Ratio Lower Upper
240 100
120 12.1 8.6 13.0
236 26.8 21.0 31.4

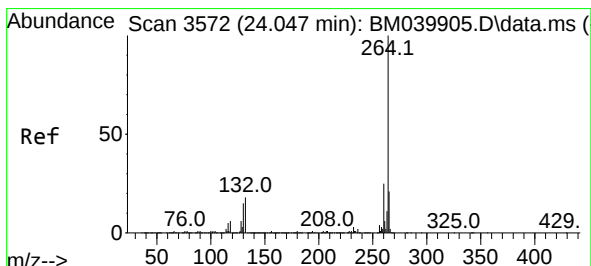
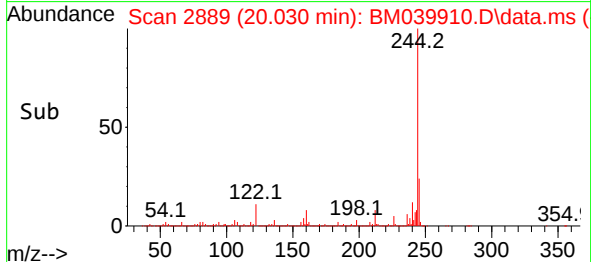
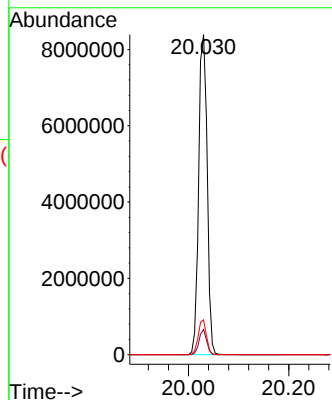
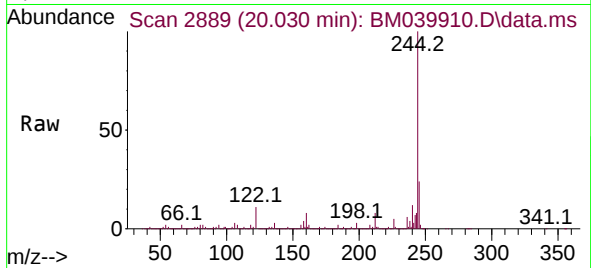




#79
 Terphenyl-d14
 Concen: 146.262 ng
 RT: 20.030 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039910.D
 Acq: 11 May 2023 23:01

Instrument :
 BNA_M
 ClientSampleId :
 PB152561TB

Tgt Ion:244 Resp: 9828979
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 10.9 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.041 min Scan# 3571
 Delta R.T. -0.006 min
 Lab File: BM039910.D
 Acq: 11 May 2023 23:01

Tgt Ion:264 Resp: 897167
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 21.6 17.2 25.8

