

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039052.D
 Acq On : 20 Mar 2023 19:54
 Operator : CG/JU
 Sample : 01944-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MC-1

Quant Time: Mar 21 01:49:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

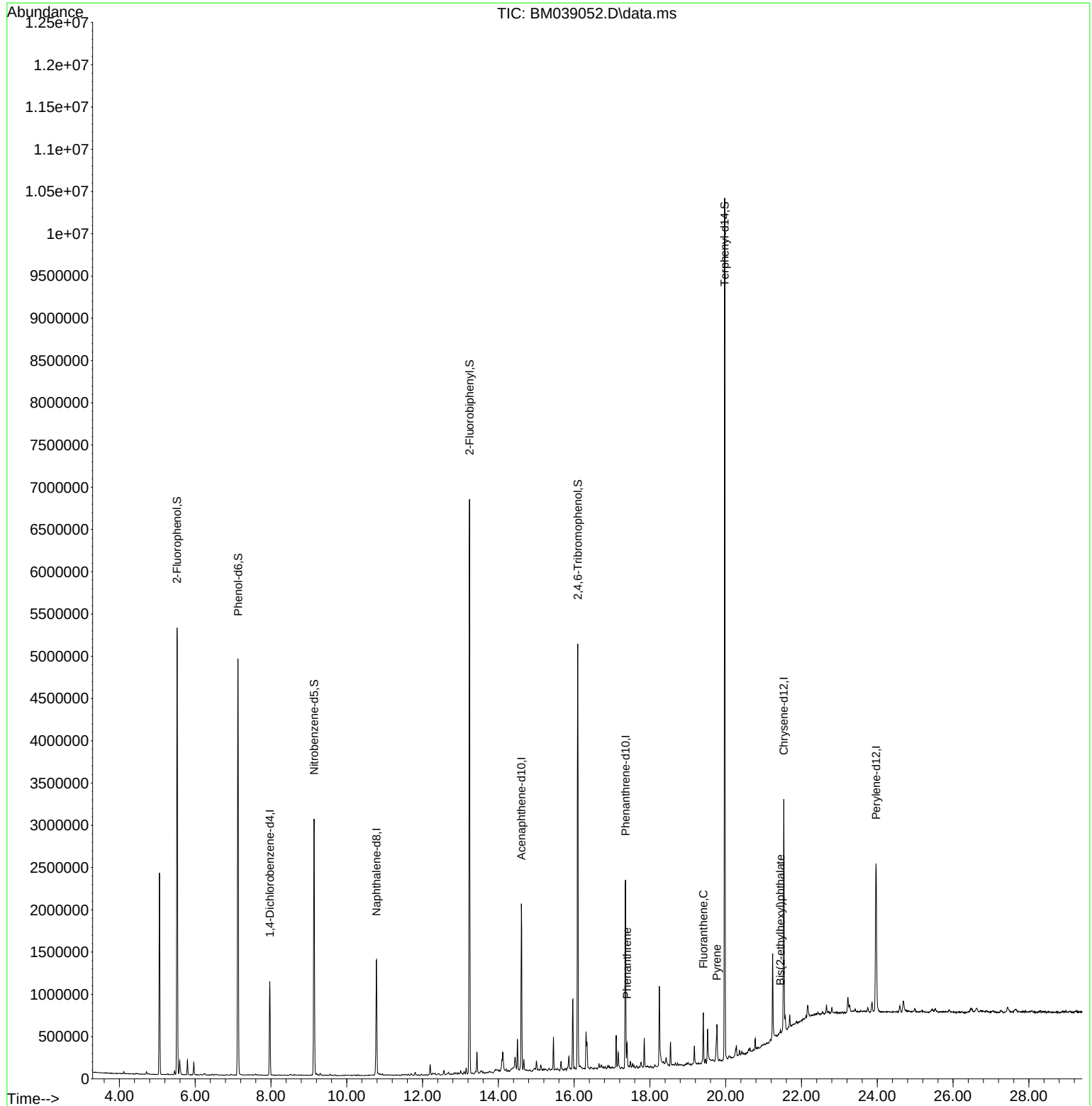
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	282030	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1124703	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	637646	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1279662	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1182085	20.000	ng	0.00
86) Perylene-d12	23.968	264	1294776	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2244063	120.887	ng	0.00
7) Phenol-d6	7.134	99	2818851	116.907	ng	0.00
23) Nitrobenzene-d5	9.139	82	1698327	74.174	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	816268	110.657	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3304154	67.457	ng	0.00
79) Terphenyl-d14	19.974	244	4530469	70.073	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.398	178	164965	2.196	ng	99
75) Fluoranthene	19.409	202	313683	3.956	ng	99
78) Pyrene	19.768	202	249302	2.808	ng	100
84) Bis(2-ethylhexyl)phtha...	21.444	149	14157	2.731	ng	92

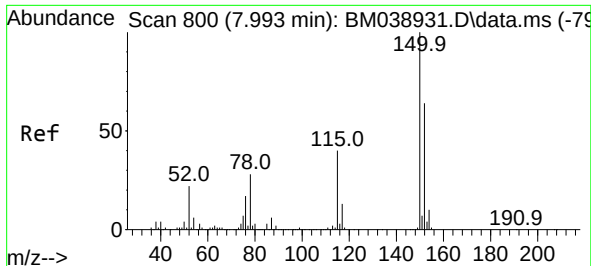
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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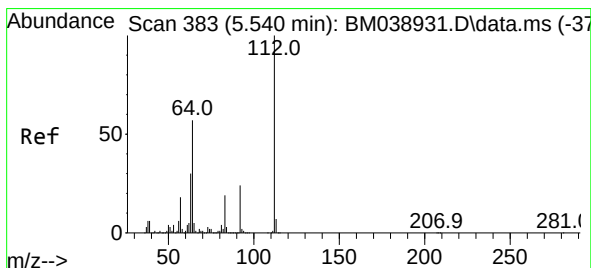
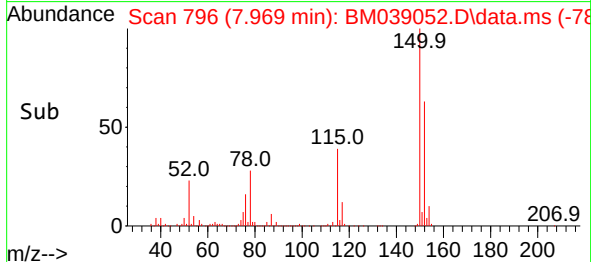
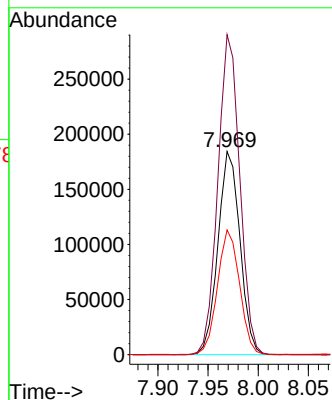
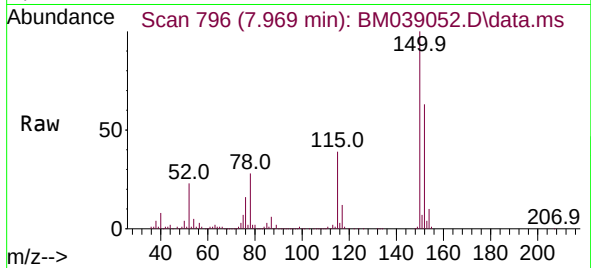




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM039052.D
 Acq: 20 Mar 2023 19:54

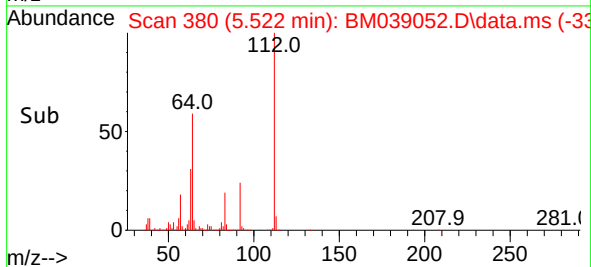
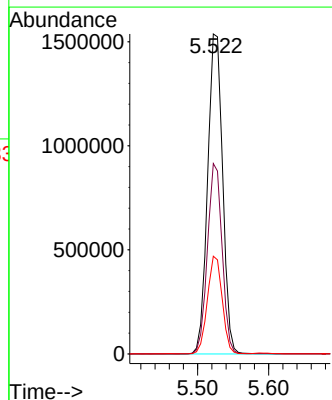
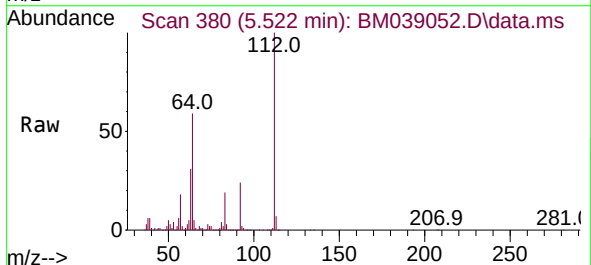
Instrument :
 BNA_M
 ClientSampleId :
 MC-1

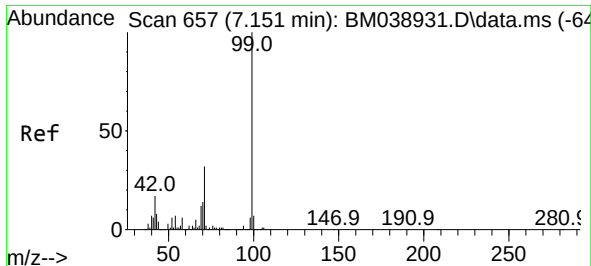
Tgt Ion:152 Resp: 282030
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.1 187.7
 115 61.4 49.6 74.4



#5
 2-Fluorophenol
 Concen: 120.887 ng
 RT: 5.522 min Scan# 380
 Delta R.T. -0.006 min
 Lab File: BM039052.D
 Acq: 20 Mar 2023 19:54

Tgt Ion:112 Resp: 2244063
 Ion Ratio Lower Upper
 112 100
 64 59.5 45.9 68.9
 63 30.5 23.8 35.8



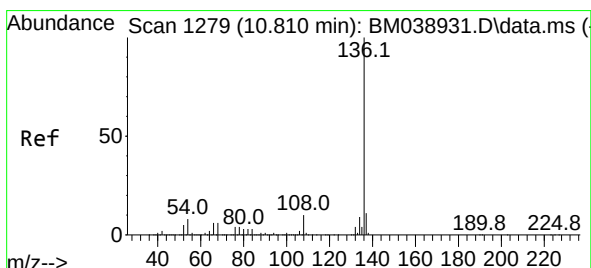
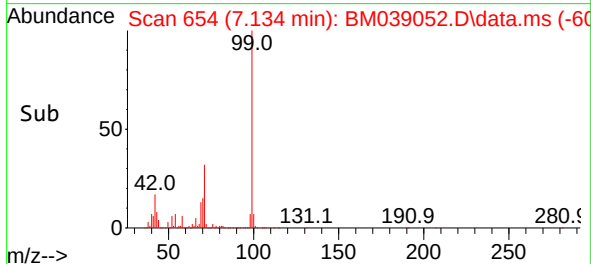
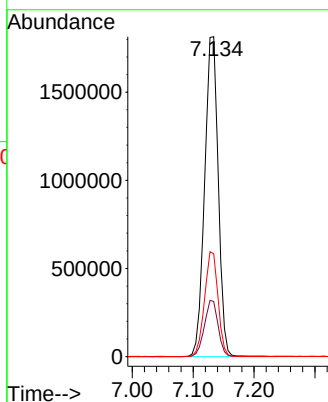
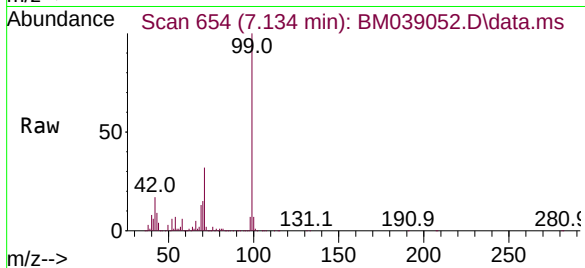


#7
Phenol-d6
Concen: 116.907 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

Instrument :
BNA_M
ClientSampleId :
MC-1

Tgt Ion: 99 Resp: 2818851

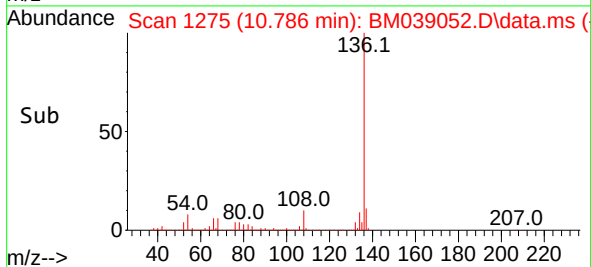
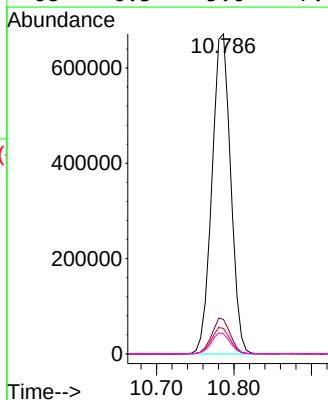
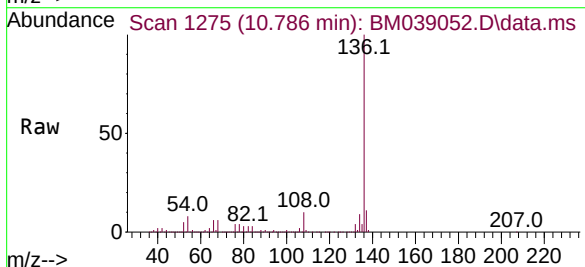
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	32.1	25.6	38.4

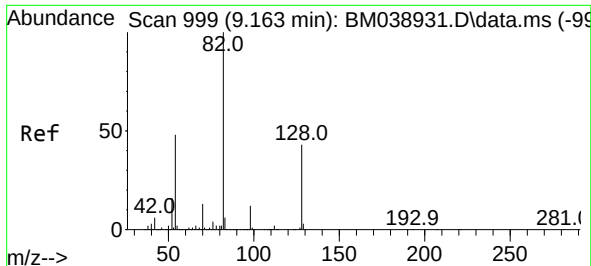


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

Tgt Ion: 136 Resp: 1124703

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.9	6.3	9.5
68	6.3	5.0	7.6

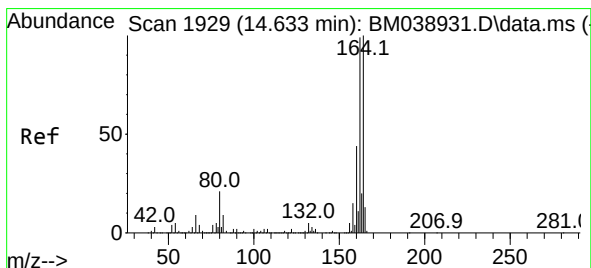
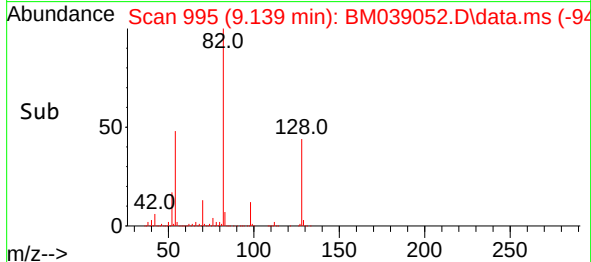
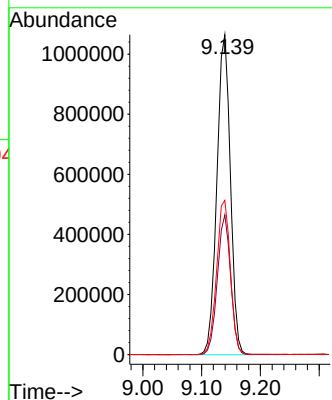
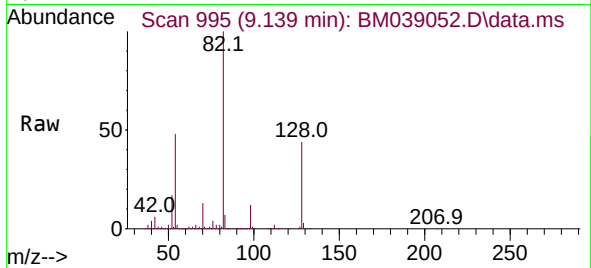




#23
 Nitrobenzene-d5
 Concen: 74.174 ng
 RT: 9.139 min Scan# 99
 Delta R.T. -0.006 min
 Lab File: BM039052.D
 Acq: 20 Mar 2023 19:54

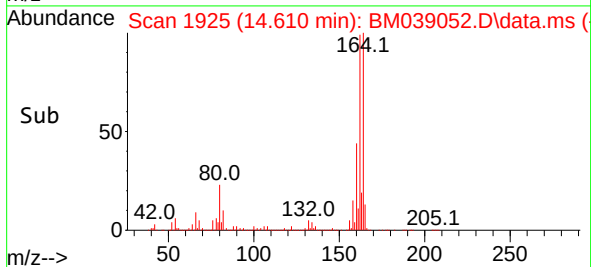
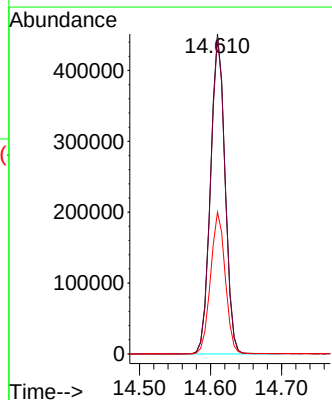
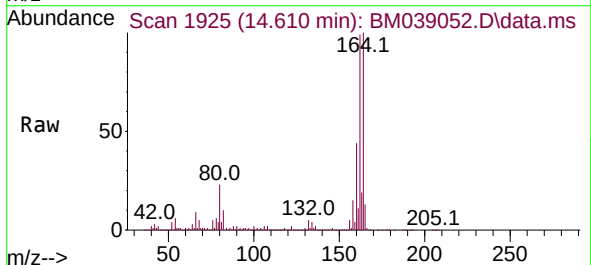
Instrument :
 BNA_M
 ClientSampleId :
 MC-1

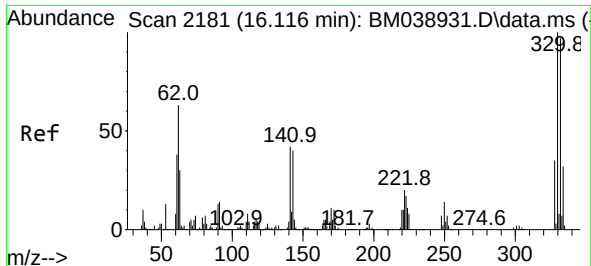
Tgt Ion: 82 Resp: 1698327
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.4 51.6
 54 48.2 38.8 58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.610 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BM039052.D
 Acq: 20 Mar 2023 19:54

Tgt Ion:164 Resp: 637646
 Ion Ratio Lower Upper
 164 100
 162 99.1 79.2 118.8
 160 44.3 35.5 53.3

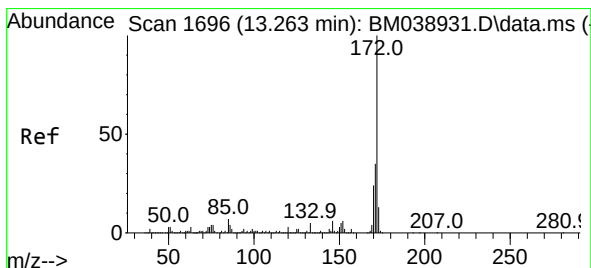
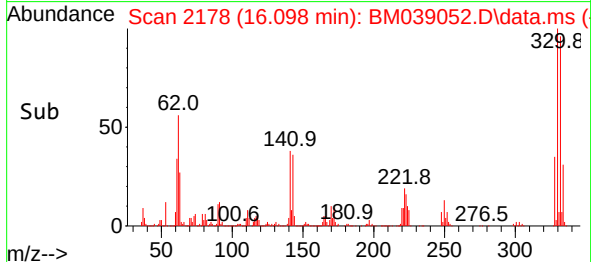
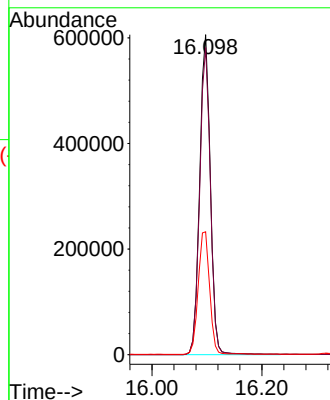
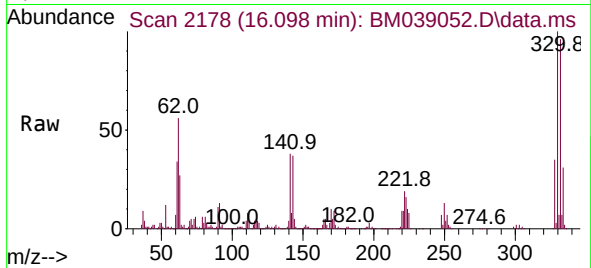




#42
2,4,6-Tribromophenol
Concen: 110.657 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

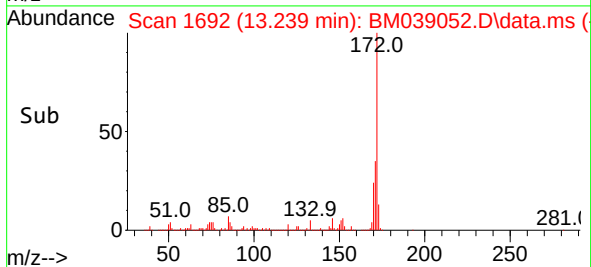
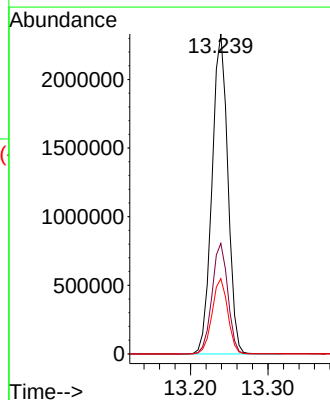
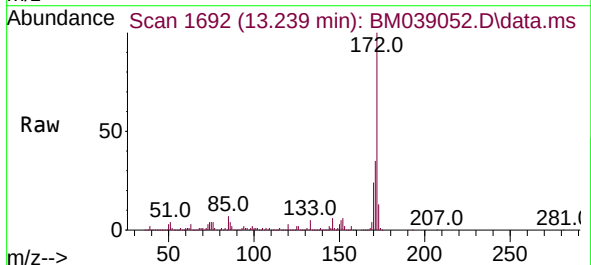
Instrument :
BNA_M
ClientSampleId :
MC-1

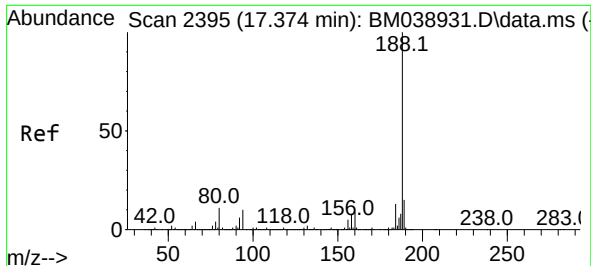
Tgt Ion:330 Resp: 816268
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 40.8 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 67.457 ng
RT: 13.239 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

Tgt Ion:172 Resp: 3304154
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.5 19.1 28.7

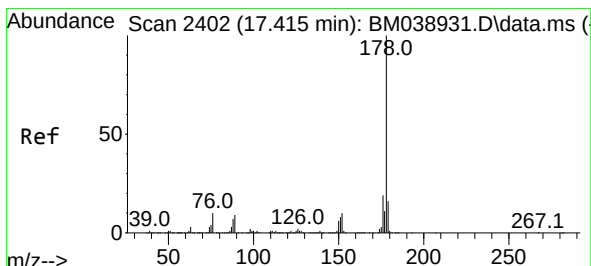
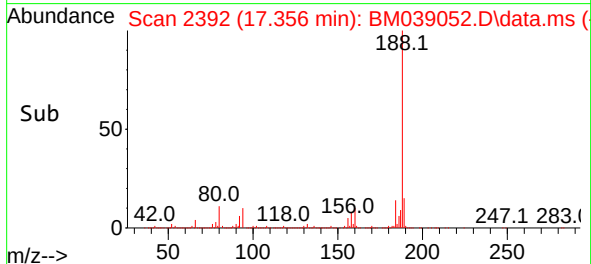
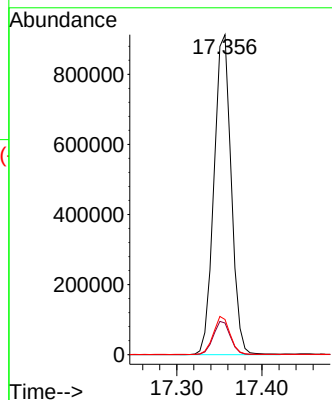
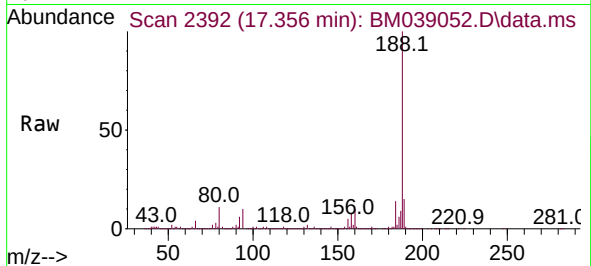




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

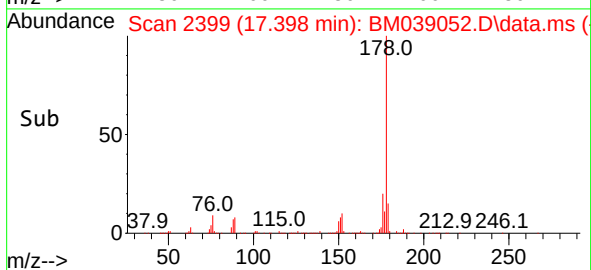
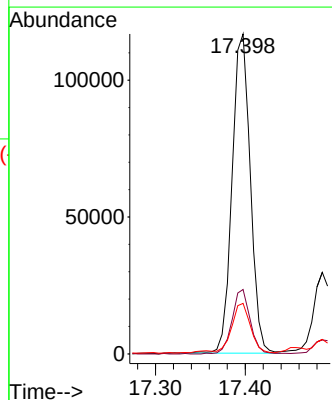
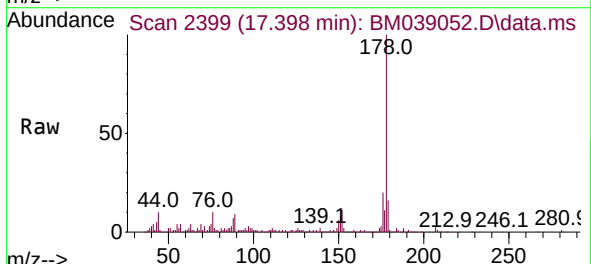
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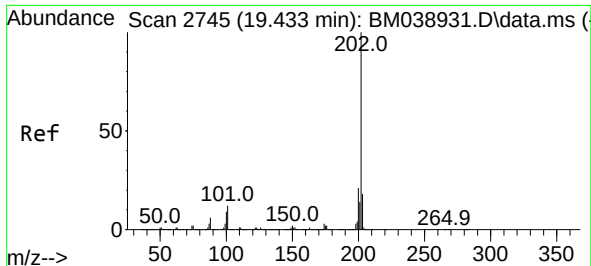
Tgt Ion:188 Resp: 1279662
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.0 8.5 12.7



#71
Phenanthrene
Concen: 2.196 ng
RT: 17.398 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

Tgt Ion:178 Resp: 164965
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.8 12.5 18.7

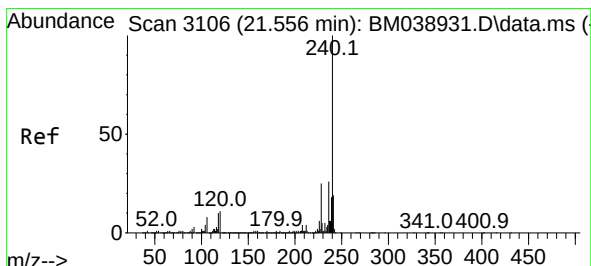
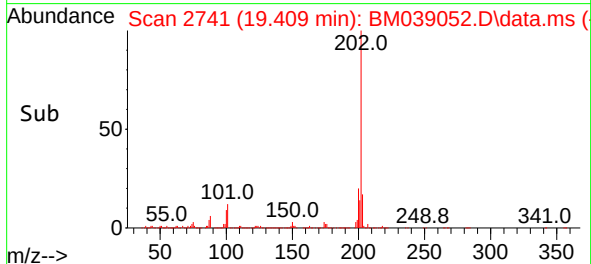
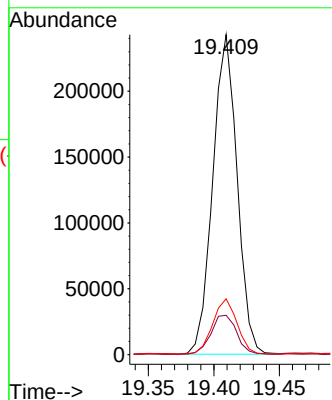
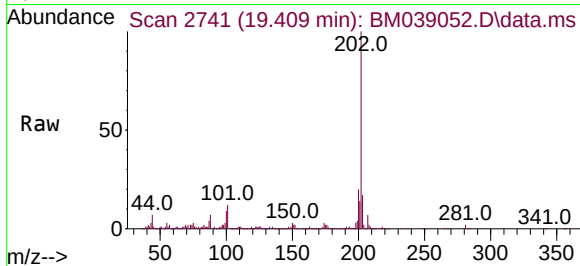




#75
Fluoranthene
Concen: 3.956 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

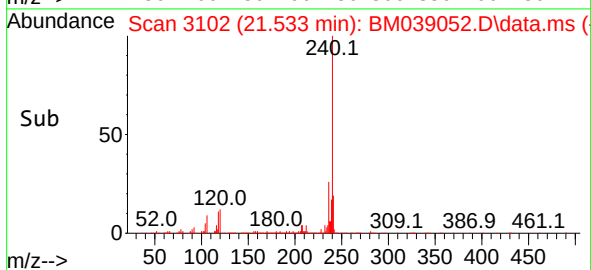
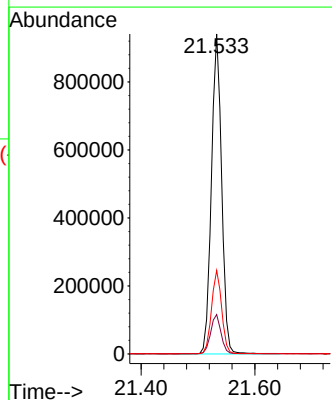
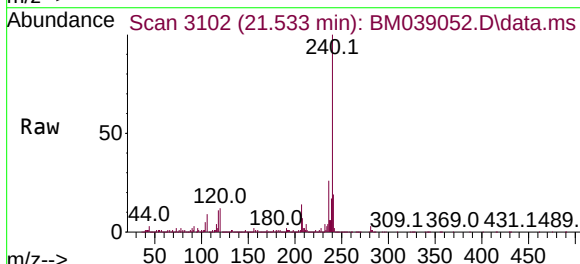
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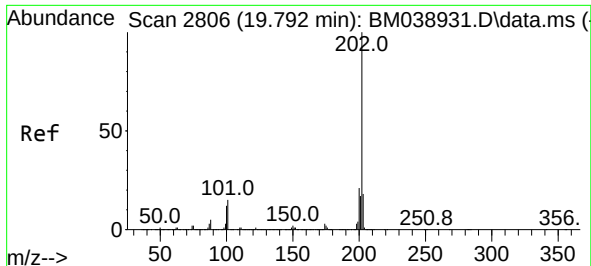
Tgt Ion:202 Resp: 313683
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.7
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

Tgt Ion:240 Resp: 1182085
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 26.1 20.8 31.2

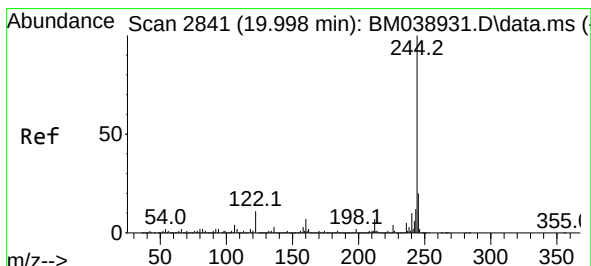
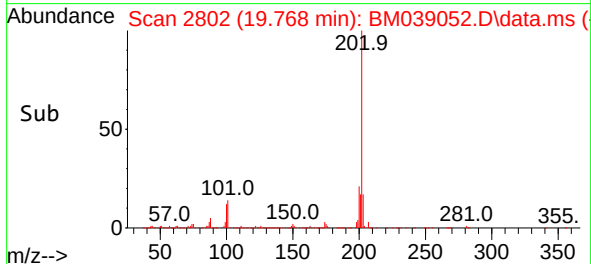
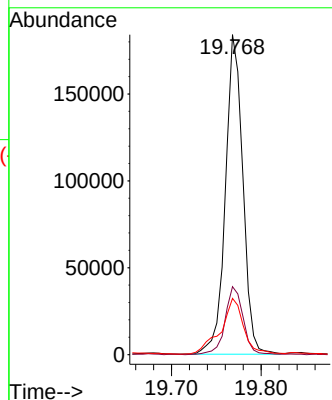
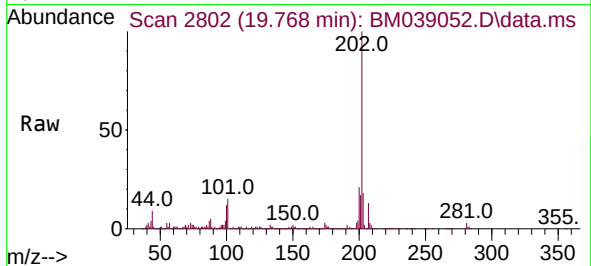




#78
Pyrene
Concen: 2.808 ng
RT: 19.768 min Scan# 2802
Delta R.T. -0.012 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

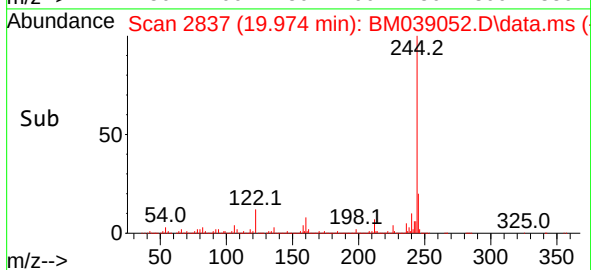
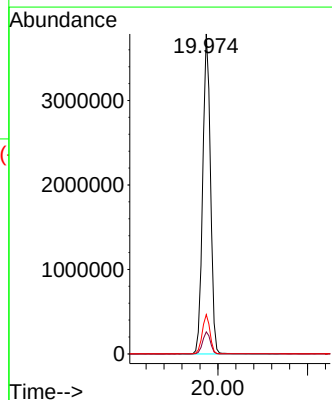
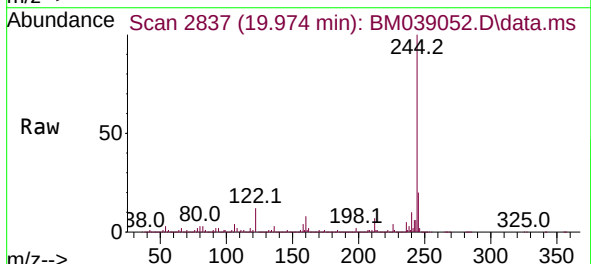
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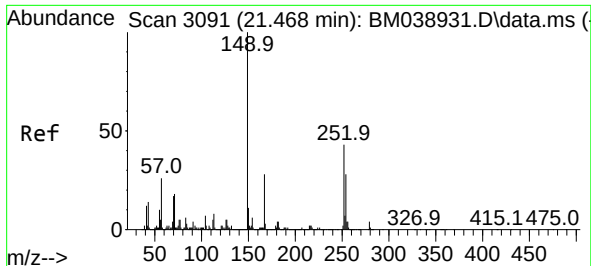
Tgt Ion:202 Resp: 249302
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.6 14.1 21.1



#79
Terphenyl-d14
Concen: 70.073 ng
RT: 19.974 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

Tgt Ion:244 Resp: 4530469
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 12.3 9.0 13.4

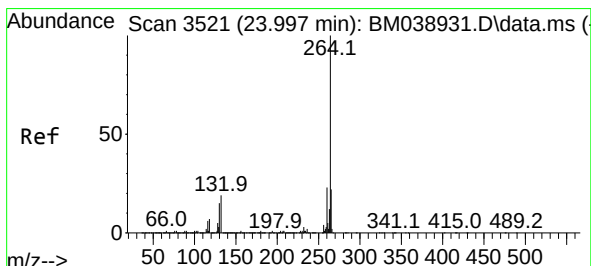
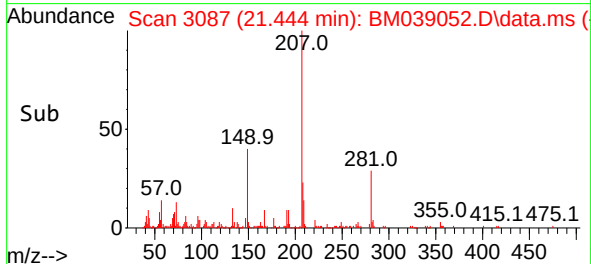
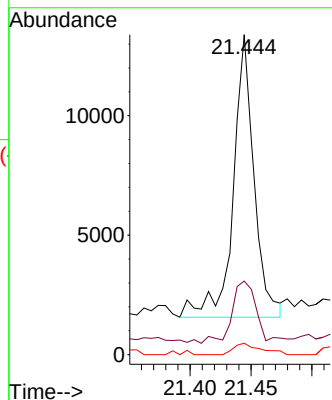
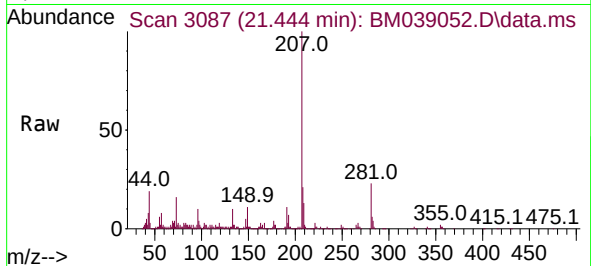




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.731 ng
RT: 21.444 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

Instrument :
BNA_M
ClientSampleId :
MC-1

Tgt Ion:149 Resp: 14157
Ion Ratio Lower Upper
149 100
167 23.0 22.3 33.5
279 3.6 3.2 4.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BM039052.D
Acq: 20 Mar 2023 19:54

Tgt Ion:264 Resp: 1294776
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.4 17.9 26.9

