

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
 Data File : BM035440.D
 Acq On : 08 Jun 2022 21:29
 Operator : CG/JU
 Sample : N3202-05DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-29DL

Quant Time: Jun 09 00:51:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

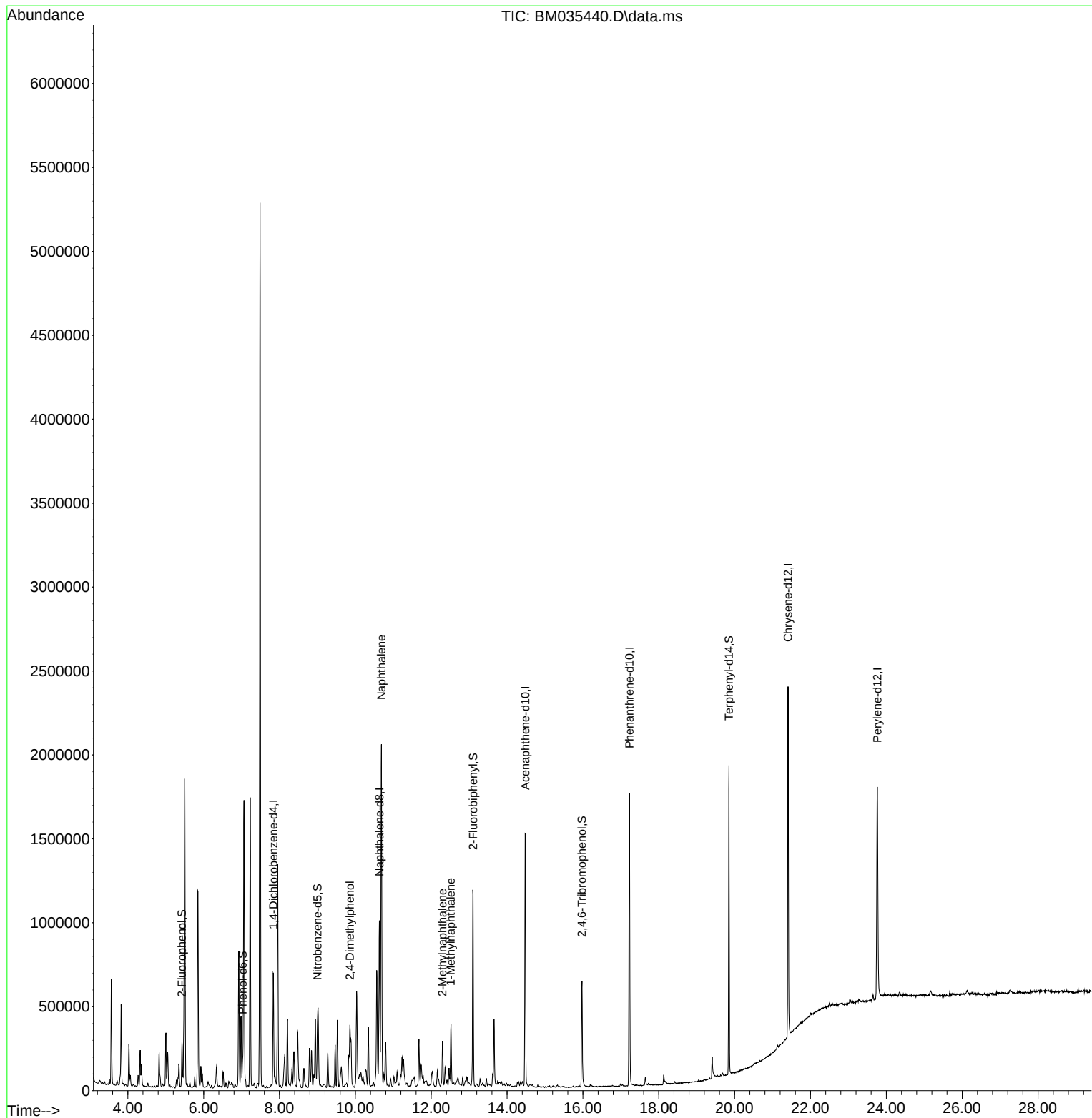
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	217953	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	846439	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	563190	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1203653	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1094336	20.000	ng	#-0.01
86) Perylene-d12	23.762	264	1088372	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	147239	14.196	ng	0.00
7) Phenol-d6	7.028	99	125682	8.871	ng	0.00
23) Nitrobenzene-d5	8.998	82	198731	14.908	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	168453	18.642	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	657195	16.760	ng	0.00
79) Terphenyl-d14	19.850	244	1003341	18.266	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.857	122	171936	16.409	ng	# 89
31) Naphthalene	10.686	128	1677667	40.906	ng	100
37) 2-Methylnaphthalene	12.298	142	133716	4.321	ng	95
38) 1-Methylnaphthalene	12.516	142	94416	3.113	ng	# 99

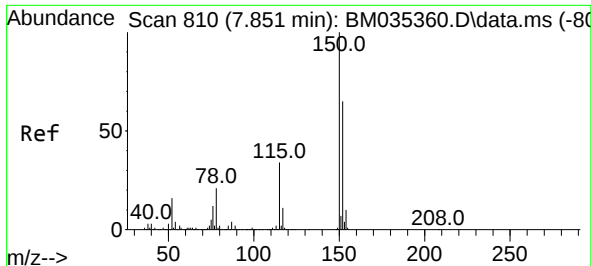
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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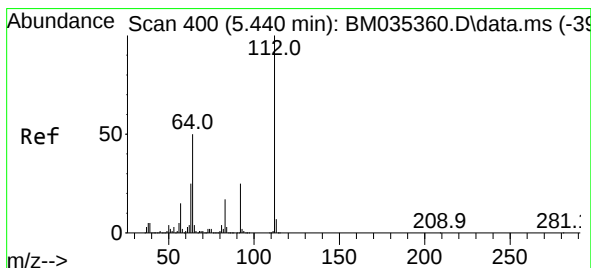
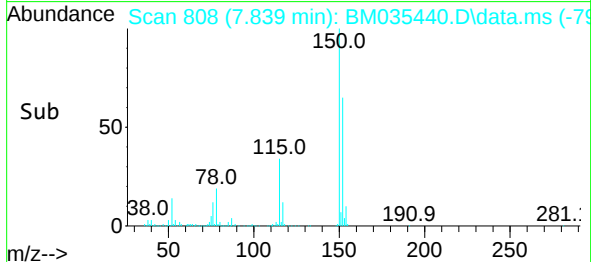
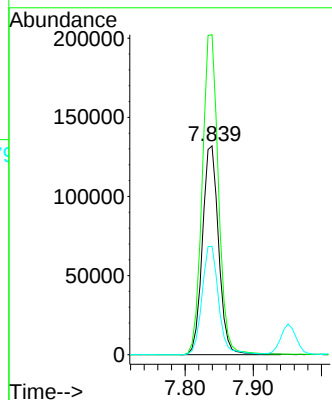
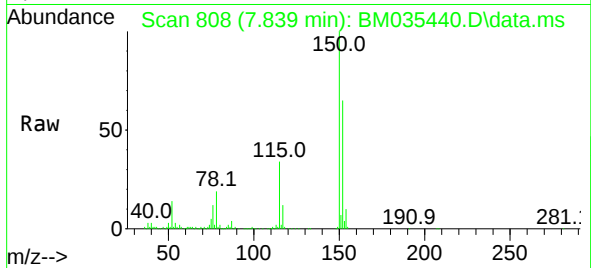




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

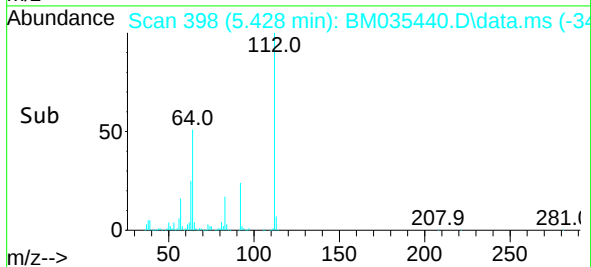
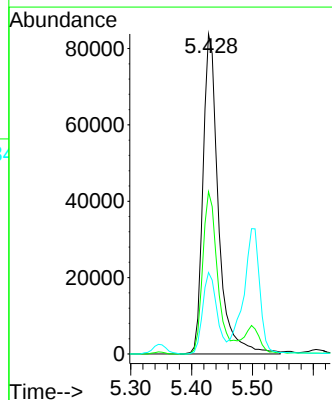
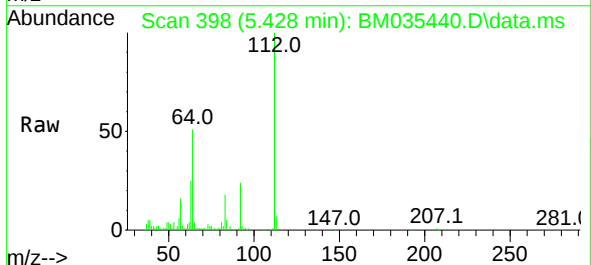
Instrument :
BNA_M
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MW-29DL

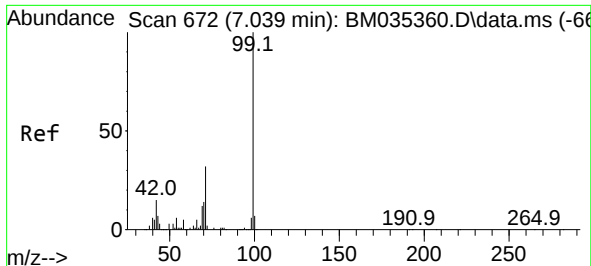
Tgt Ion:152 Resp: 217953
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 52.0 47.9 71.9



#5
2-Fluorophenol
Concen: 14.196 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

Tgt Ion:112 Resp: 147239
Ion Ratio Lower Upper
112 100
64 50.7 47.8 71.6
63 25.5 26.6 40.0#

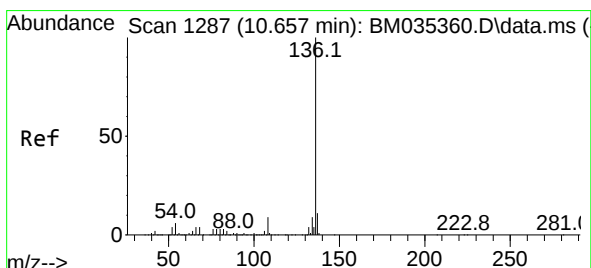
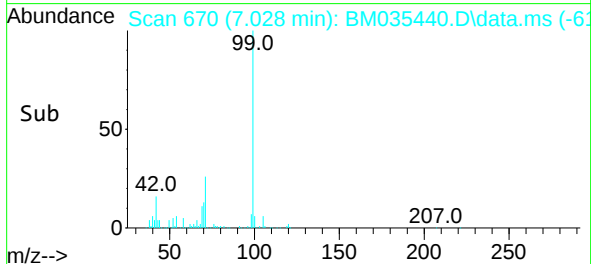
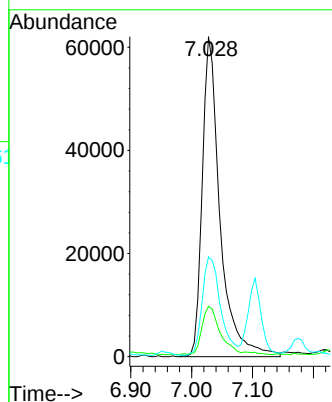
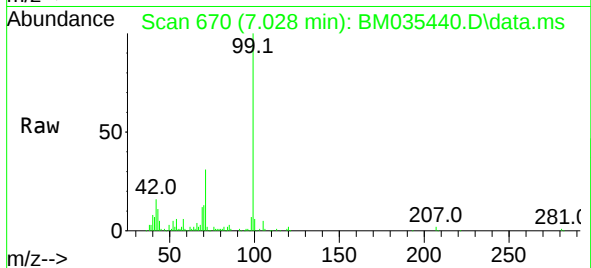




#7
Phenol-d6
Concen: 8.871 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

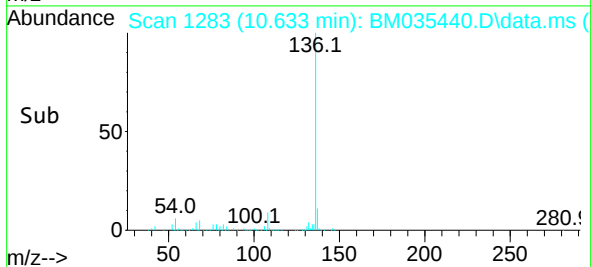
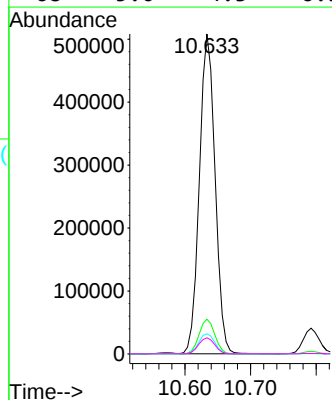
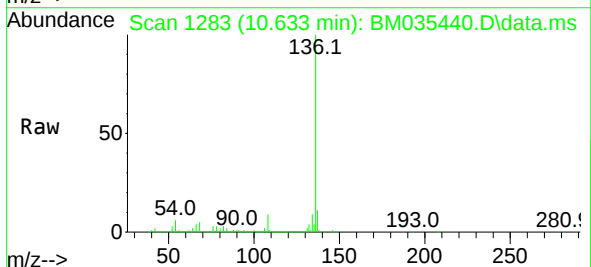
Instrument :
BNA_M
ClientSampleId :
MW-29DL

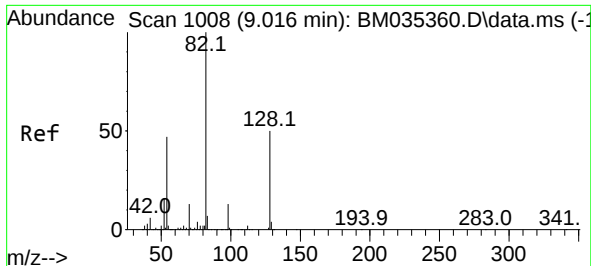
Tgt Ion: 99 Resp: 125682
Ion Ratio Lower Upper
99 100
42 15.7 18.8 28.2#
71 31.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

Tgt Ion: 136 Resp: 846439
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.3 7.0 10.4#
68 5.0 4.3 6.5

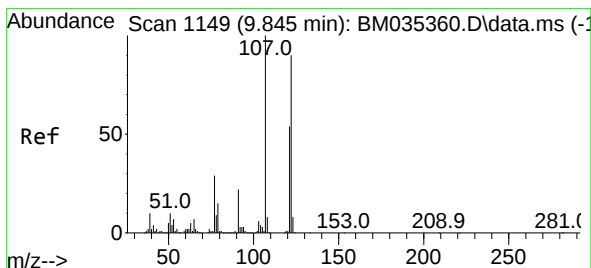
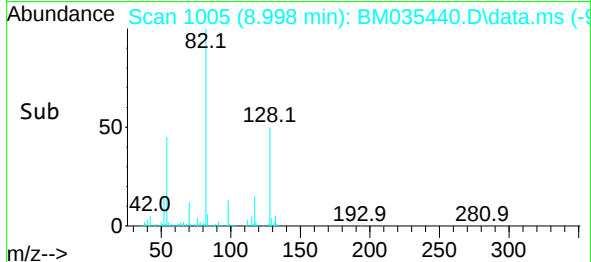
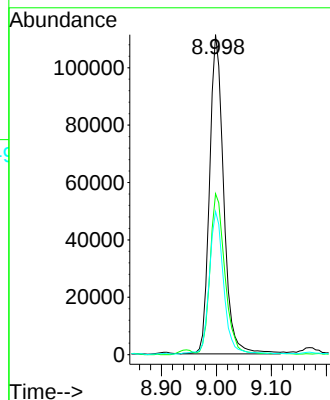
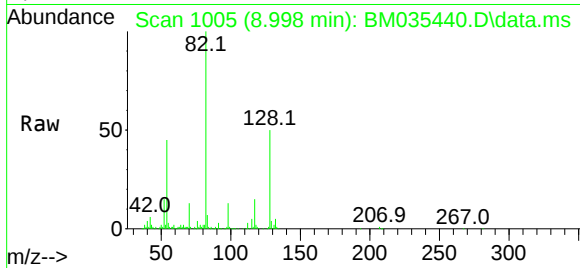




#23
Nitrobenzene-d5
Concen: 14.908 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

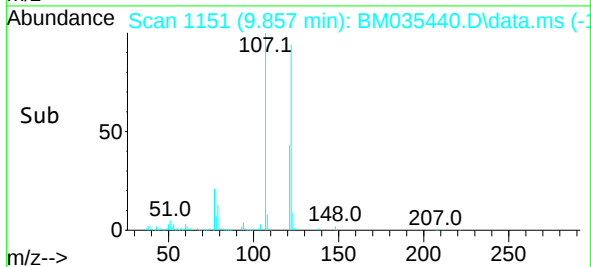
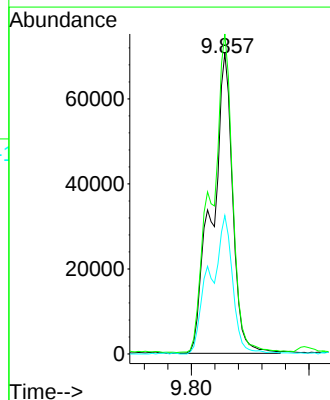
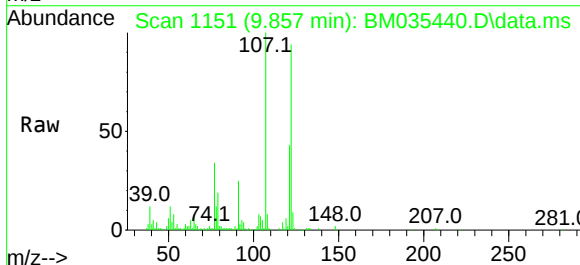
Instrument :
BNA_M
ClientSampleId :
MW-29DL

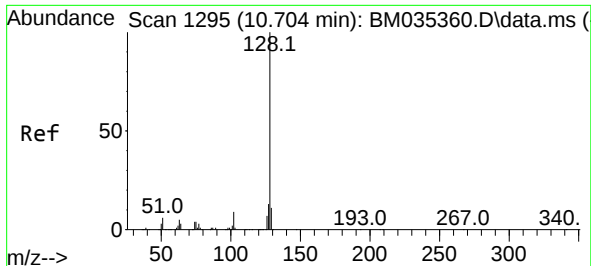
Tgt Ion: 82 Resp: 198731
Ion Ratio Lower Upper
82 100
128 50.3 33.7 50.5
54 44.8 43.2 64.8



#27
2,4-Dimethylphenol
Concen: 16.409 ng
RT: 9.857 min Scan# 1151
Delta R.T. 0.029 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

Tgt Ion:122 Resp: 171936
Ion Ratio Lower Upper
122 100
107 106.4 92.4 138.6
121 46.0 47.4 71.0#

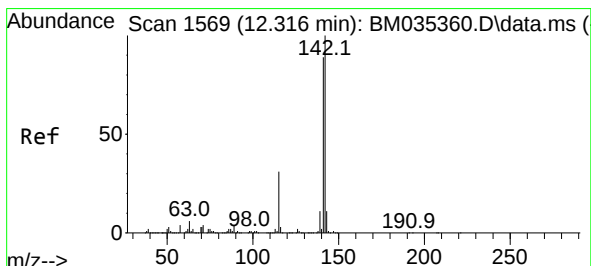
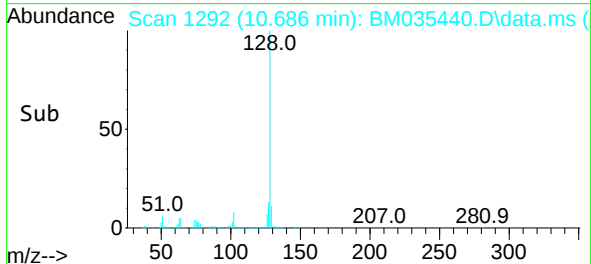
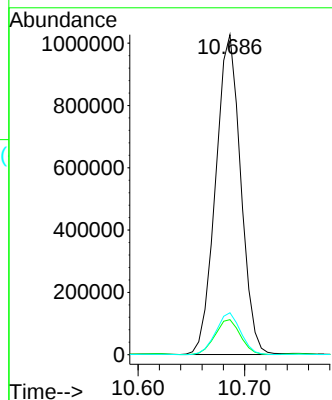
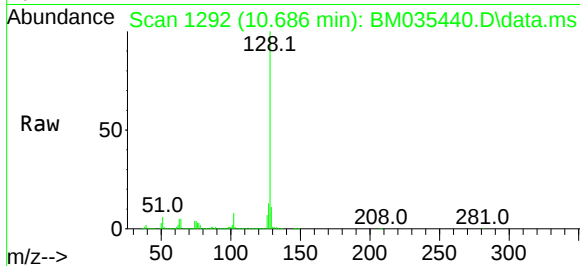




#31
Naphthalene
Concen: 40.906 ng
RT: 10.686 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

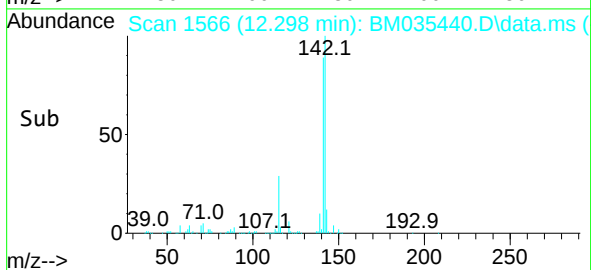
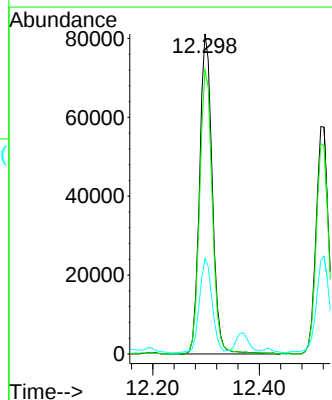
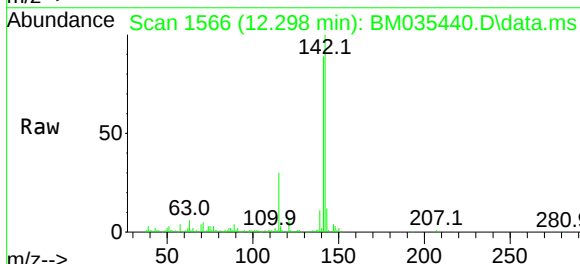
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ClientSampleId :
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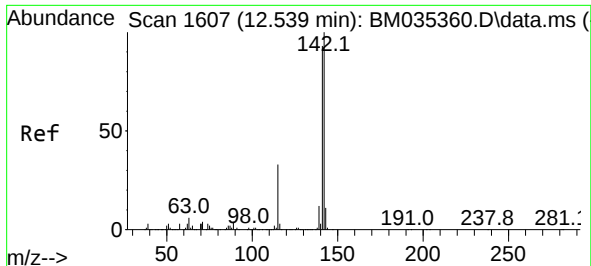
Tgt Ion:128 Resp: 1677667
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.6 16.0



#37
2-Methylnaphthalene
Concen: 4.321 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

Tgt Ion:142 Resp: 133716
Ion Ratio Lower Upper
142 100
141 88.7 72.4 108.6
115 29.9 29.6 44.4

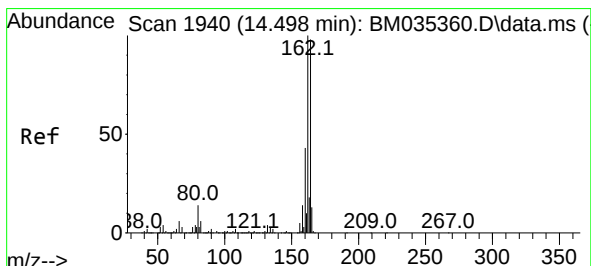
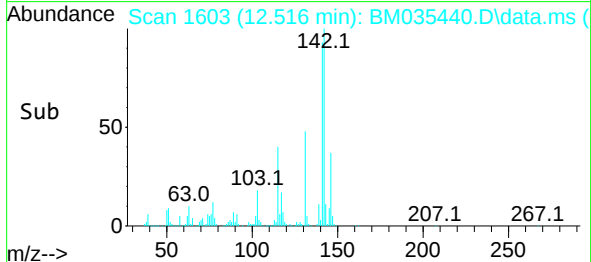
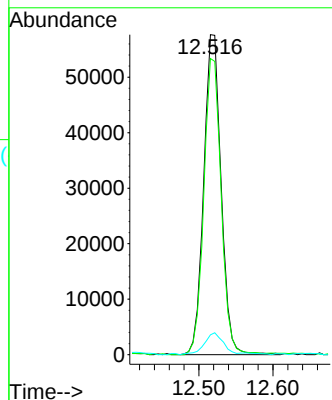
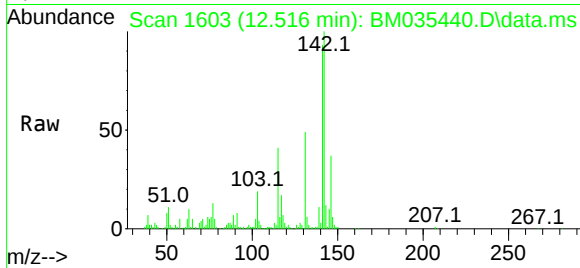




#38
1-Methylnaphthalene
Concen: 3.113 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

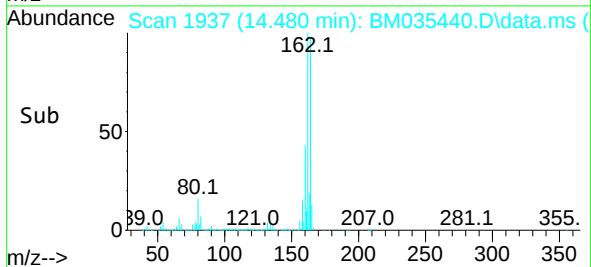
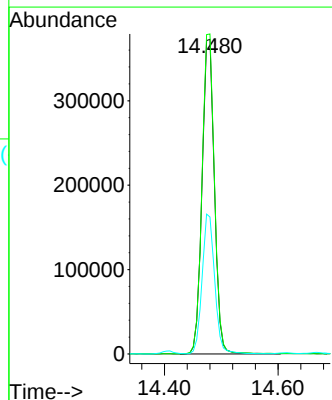
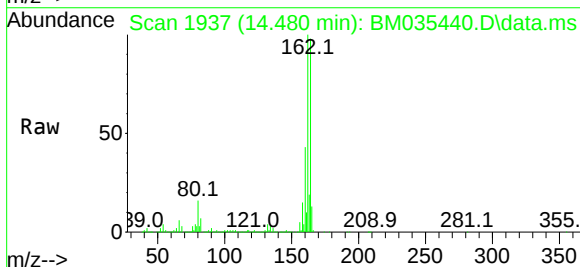
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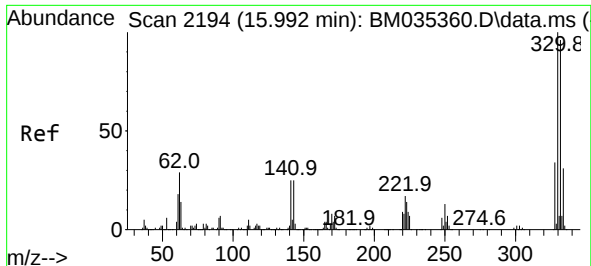
Tgt Ion:142 Resp: 94416
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4
116 6.2 3.4 5.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

Tgt Ion:164 Resp: 563190
Ion Ratio Lower Upper
164 100
162 101.7 83.0 124.6
160 43.6 37.0 55.4

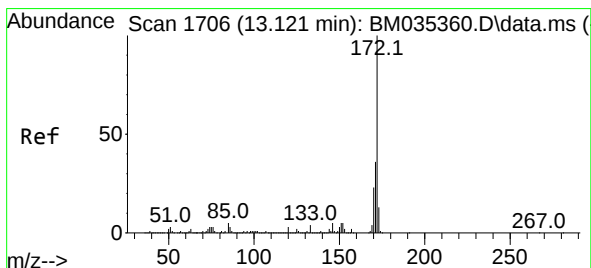
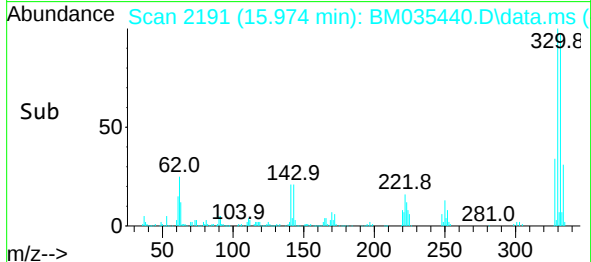
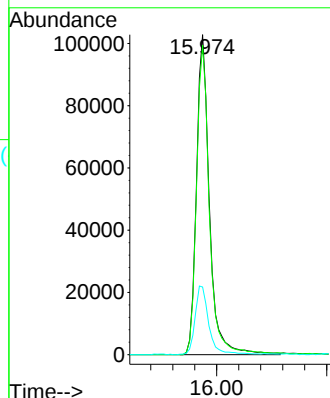
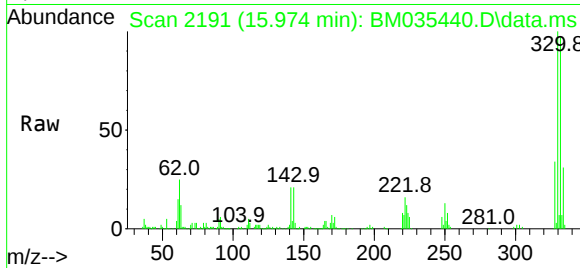




#42
2,4,6-Tribromophenol
Concen: 18.642 ng
RT: 15.974 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

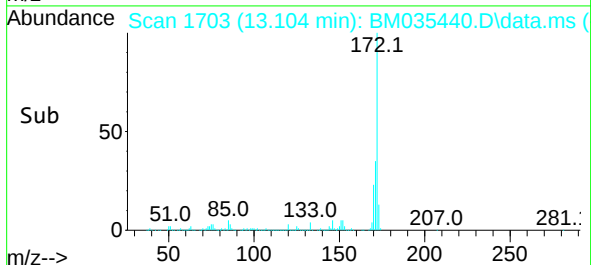
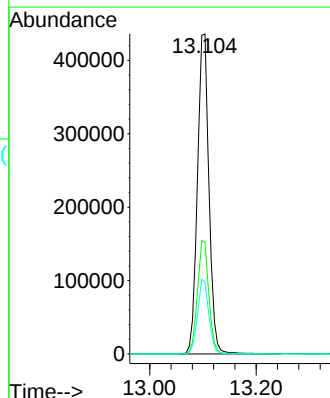
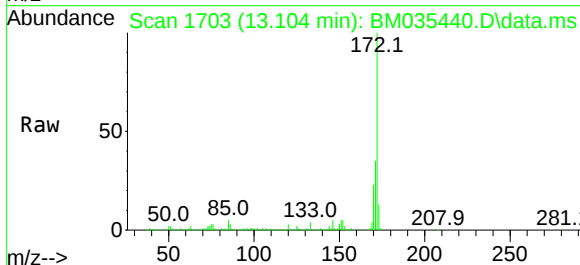
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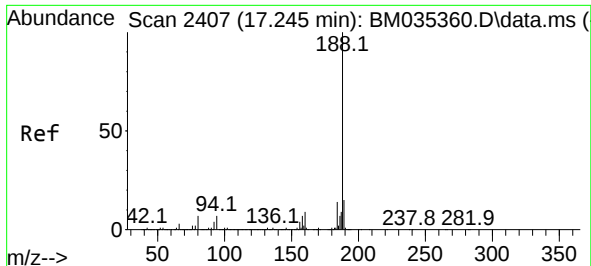
Tgt Ion:330 Resp: 168453
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 22.9 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 16.760 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

Tgt Ion:172 Resp: 657195
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.5 18.7 28.1

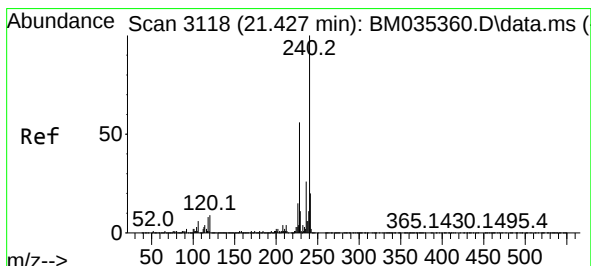
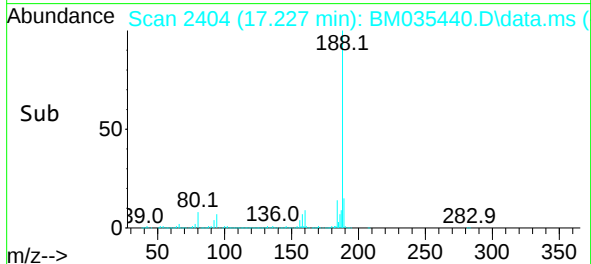
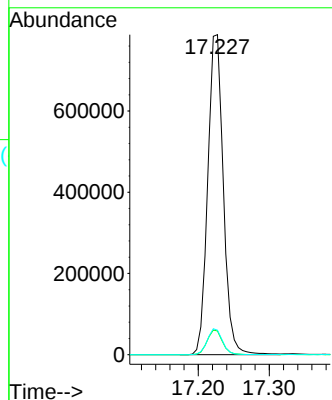
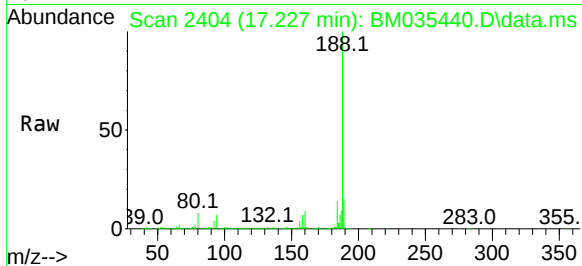




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

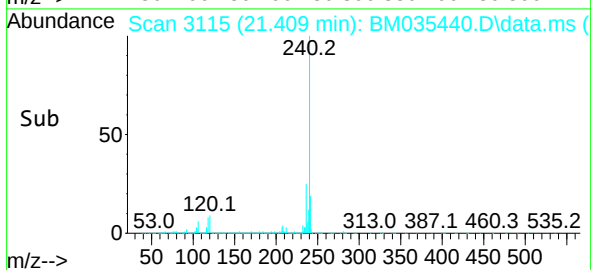
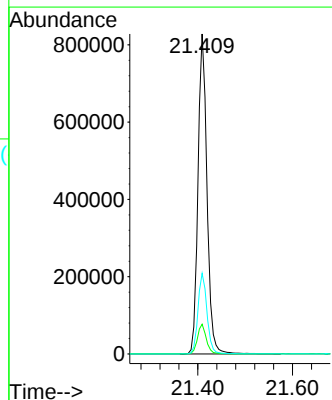
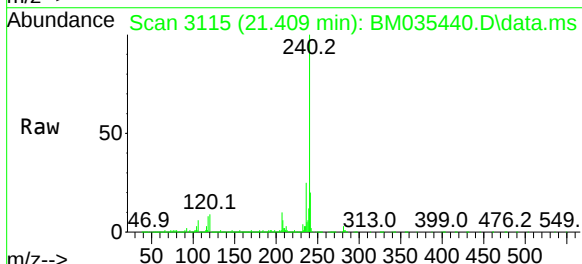
Instrument :
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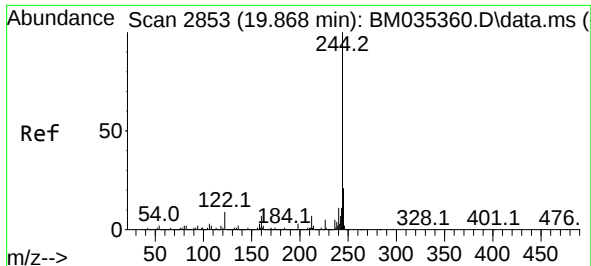
Tgt Ion:188 Resp: 1203653
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 7.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM035440.D
Acq: 08 Jun 2022 21:29

Tgt Ion:240 Resp: 1094336
Ion Ratio Lower Upper
240 100
120 9.3 9.4 14.0#
236 25.2 20.6 30.8

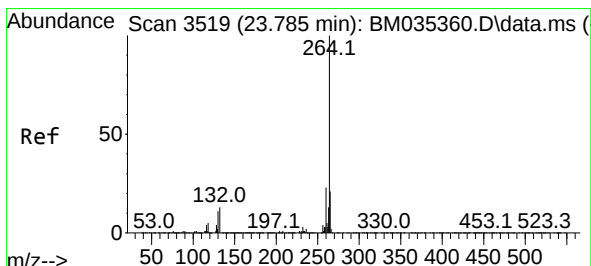
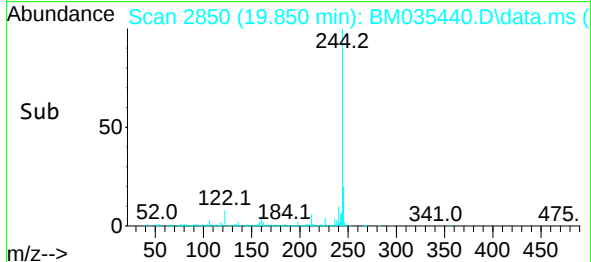
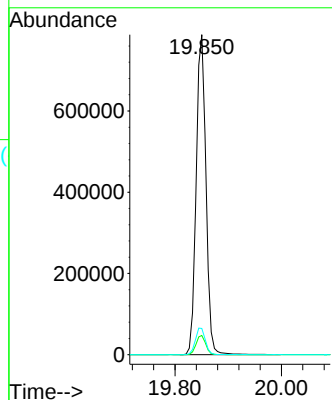
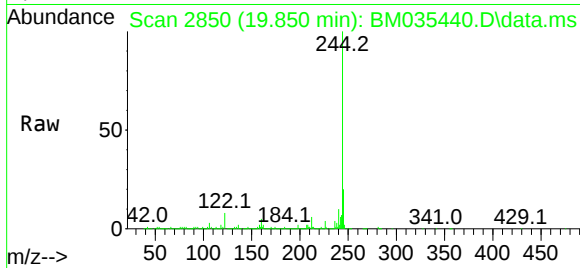




#79
 Terphenyl-d14
 Concen: 18.266 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035440.D
 Acq: 08 Jun 2022 21:29

Instrument :
 BNA_M
 ClientSampleId :
 MW-29DL

Tgt Ion:244 Resp: 1003341
 Ion Ratio Lower Upper
 244 100
 212 6.0 6.2 9.4#
 122 8.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.762 min Scan# 3515
 Delta R.T. -0.012 min
 Lab File: BM035440.D
 Acq: 08 Jun 2022 21:29

Tgt Ion:264 Resp: 1088372
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.4 17.5 26.3

