

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035834.D
 Acq On : 15 Jul 2022 17:36
 Operator : CG/JU
 Sample : N3726-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HL-12-12.5

Quant Time: Jul 15 23:47:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

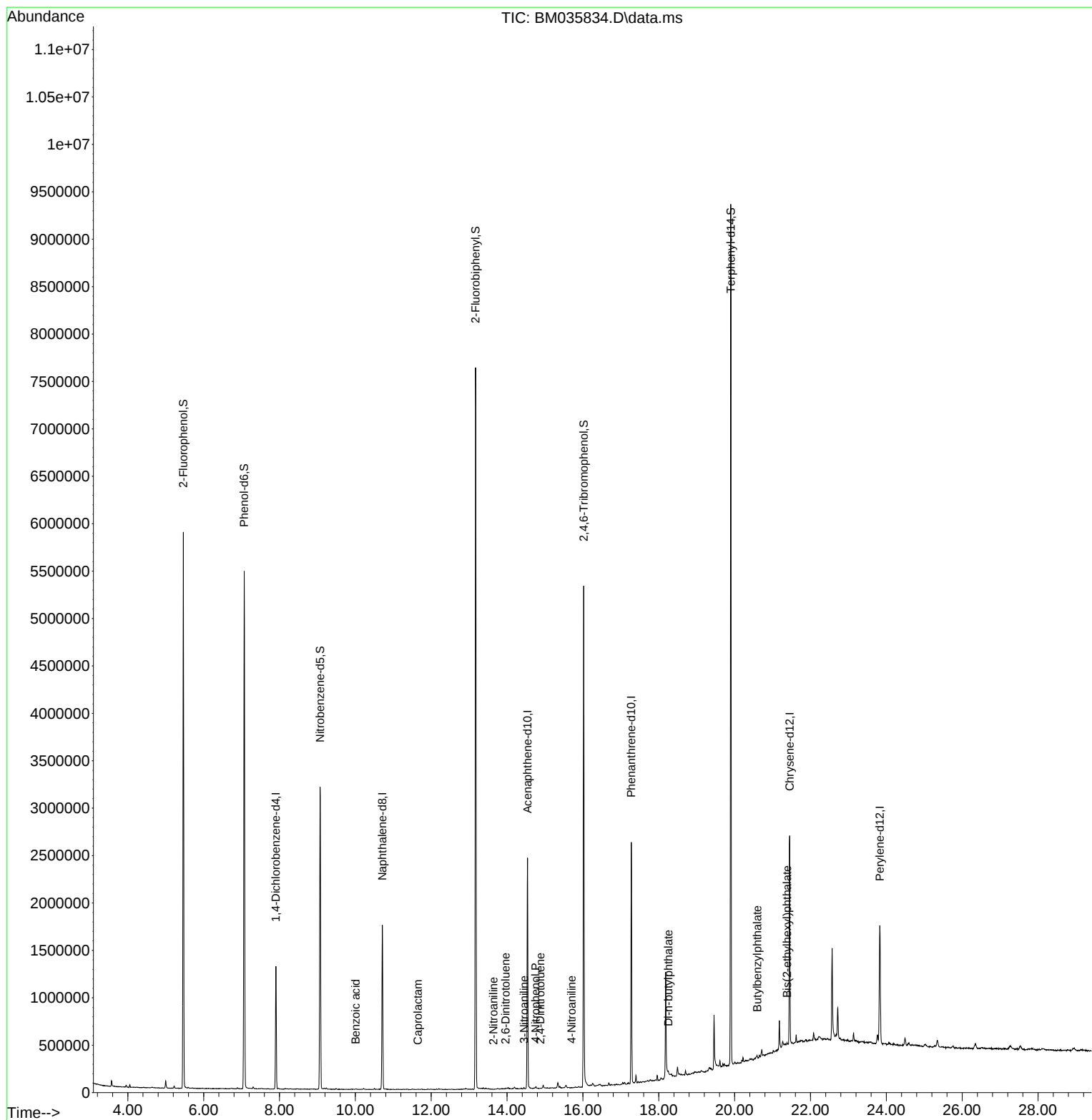
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	332381	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1392659	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	795645	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1456368	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1027215	20.000	ng	0.00
86) Perylene-d12	23.827	264	902463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2405670	117.560	ng	0.00
7) Phenol-d6	7.069	99	3010841	117.628	ng	0.00
23) Nitrobenzene-d5	9.069	82	1802254	73.981	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	953073	117.957	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	3786236	66.365	ng	0.00
79) Terphenyl-d14	19.898	244	4132554	78.095	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.010	122	234	8.053	ng #	1
35) Caprolactam	11.651	113	735	5.216	ng #	66
48) 2-Nitroaniline	13.639	65	209	3.612	ng #	23
51) 2,6-Dinitrotoluene	13.957	165	259	2.317	ng #	89
53) 3-Nitroaniline	14.451	138	61	2.673	ng #	83
56) 4-Nitrophenol	14.751	139	416	4.088	ng #	1
57) 2,4-Dinitrotoluene	14.874	165	461	3.366	ng #	22
62) 4-Nitroaniline	15.704	138	53	2.804	ng #	1
74) Di-n-butylphthalate	18.251	149	18986	2.492	ng #	97
80) Butylbenzylphthalate	20.598	149	1454	4.219	ng #	51
84) Bis(2-ethylhexyl)phtha...	21.380	149	6470	3.410	ng #	98

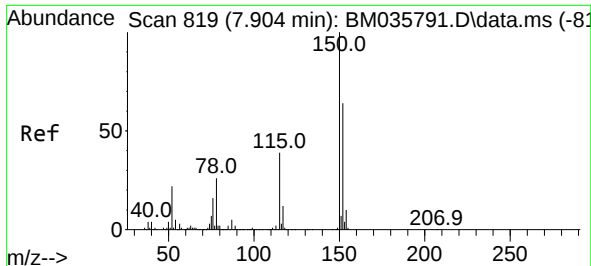
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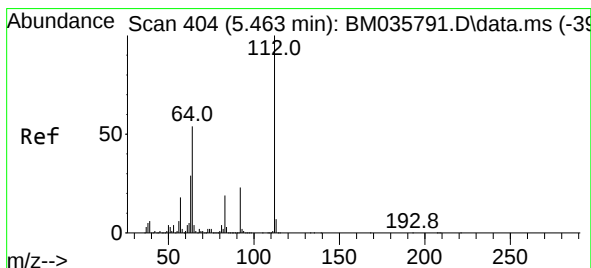
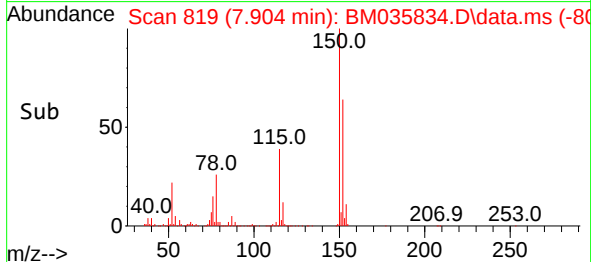
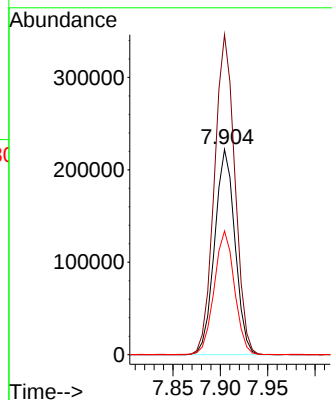
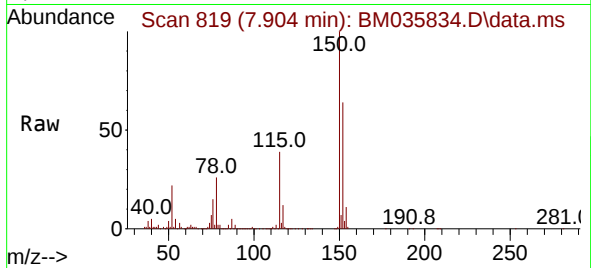




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

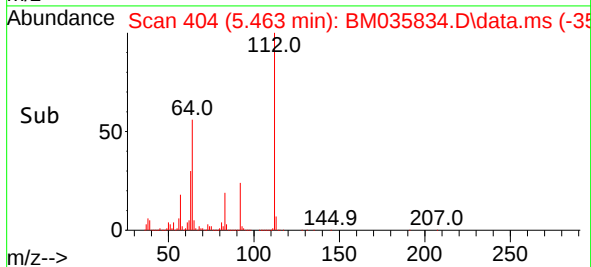
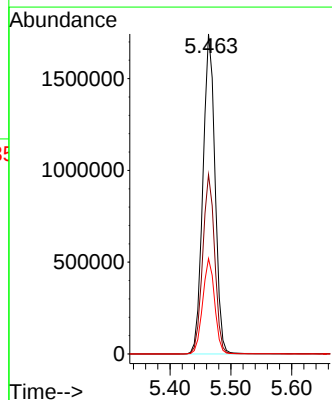
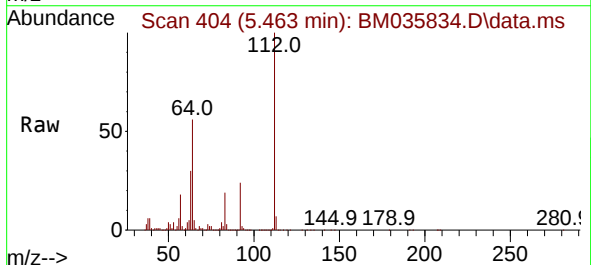
Instrument :
 BNA_M
 ClientSampleId :
 HL-12-12.5

Tgt Ion:152 Resp: 332381
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.9 187.3
 115 60.3 47.9 71.9



#5
 2-Fluorophenol
 Concen: 117.560 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

Tgt Ion:112 Resp: 2405670
 Ion Ratio Lower Upper
 112 100
 64 56.0 47.8 71.6
 63 29.8 26.6 40.0

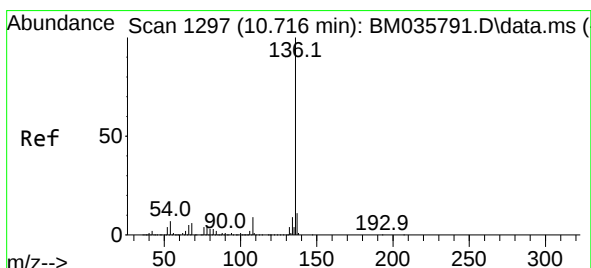
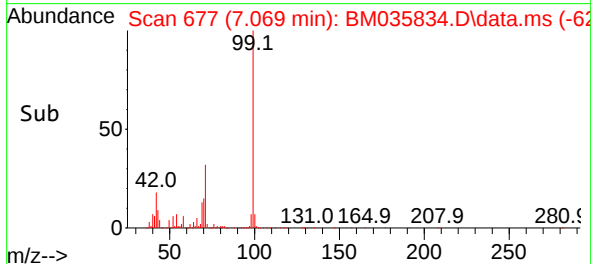
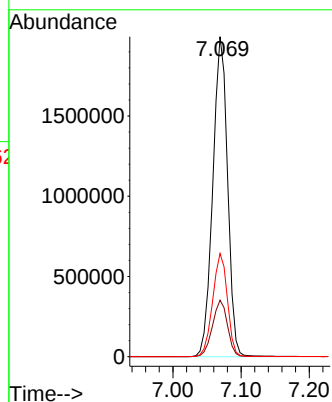
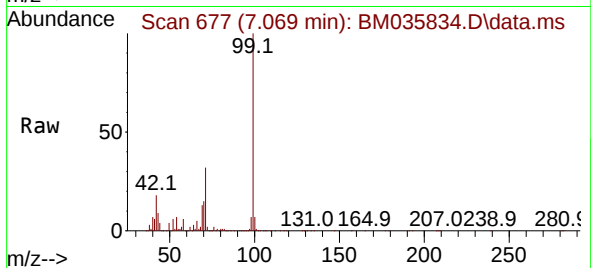




#7
Phenol-d6
Concen: 117.628 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

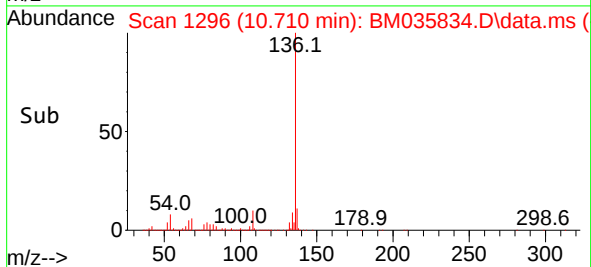
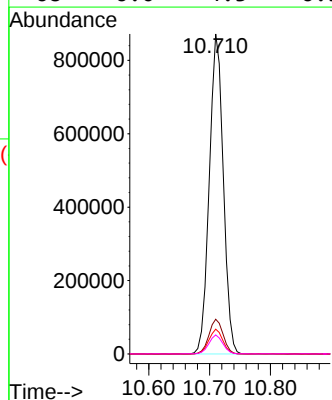
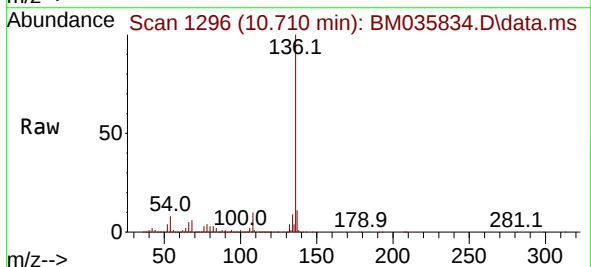
Instrument :
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ClientSampleId :
HL-12-12.5

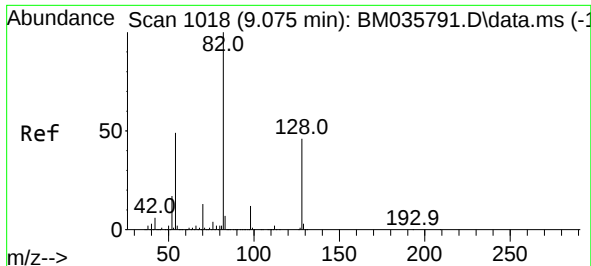
Tgt Ion: 99 Resp: 3010841
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:136 Resp: 1392659
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.8 7.0 10.4
68 6.0 4.3 6.5

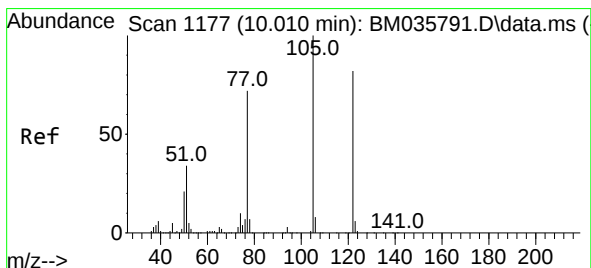
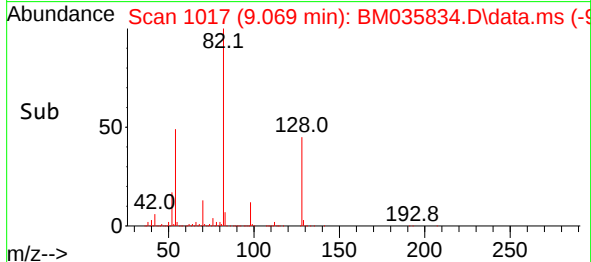
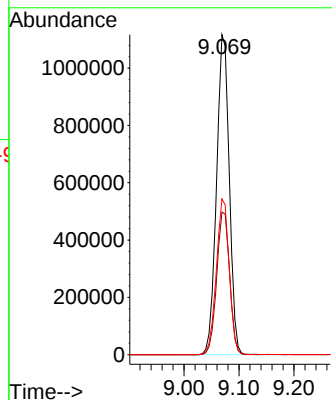
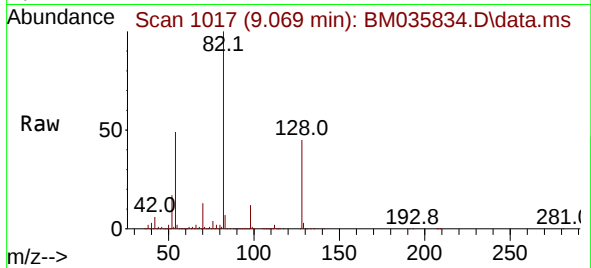




#23
Nitrobenzene-d5
Concen: 73.981 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

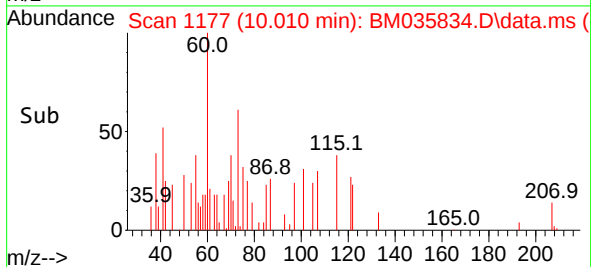
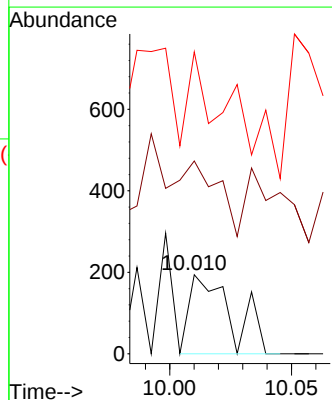
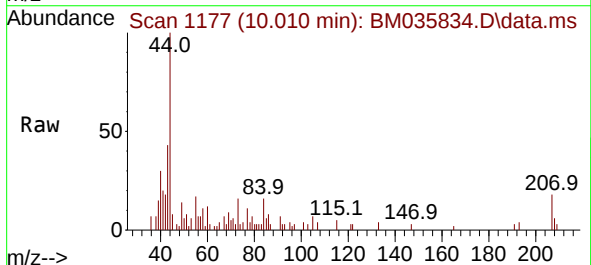
Instrument :
BNA_M
ClientSampleId :
HL-12-12.5

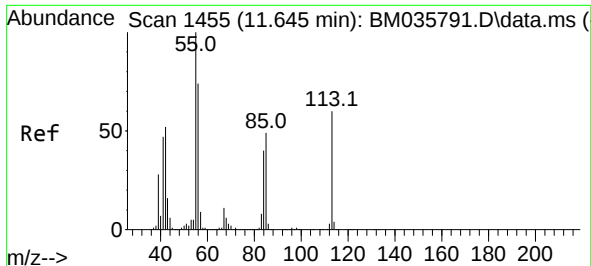
Tgt Ion: 82 Resp: 1802254
Ion Ratio Lower Upper
82 100
128 44.5 33.7 50.5
54 48.6 43.2 64.8



#32
Benzoic acid
Concen: 8.053 ng
RT: 10.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:122 Resp: 234
Ion Ratio Lower Upper
122 100
105 243.8 105.7 145.7#
77 382.0 80.0 120.0#

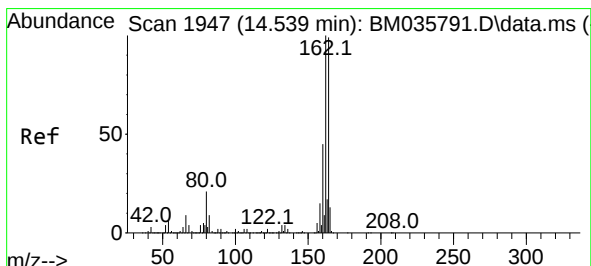
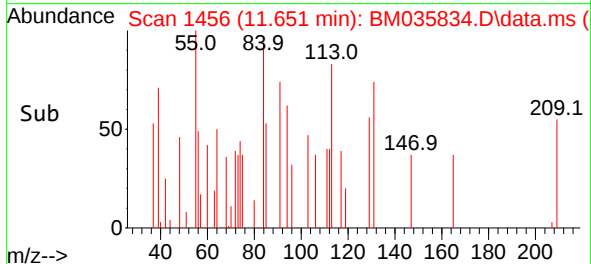
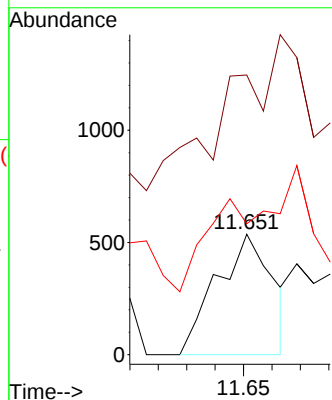
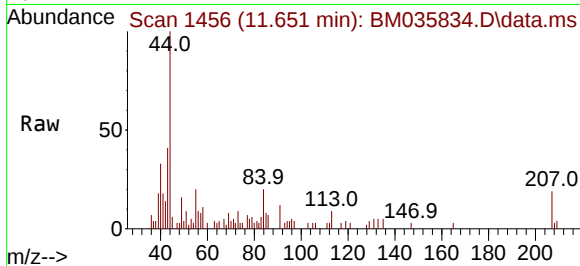




#35
 Caprolactam
 Concen: 5.216 ng
 RT: 11.651 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

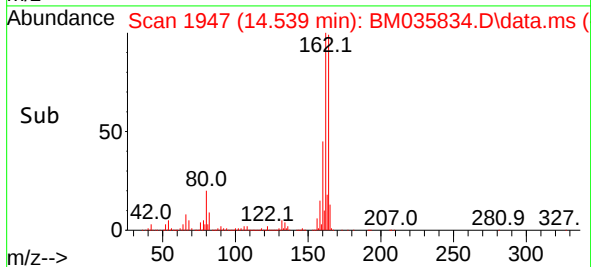
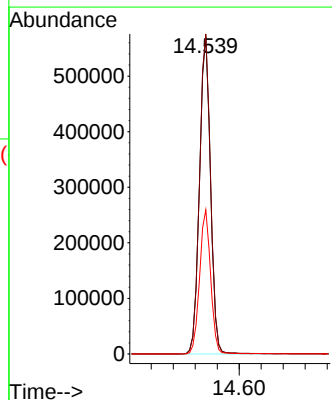
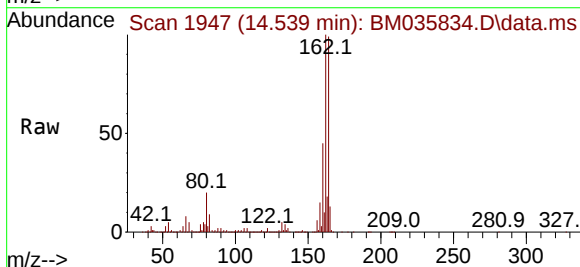
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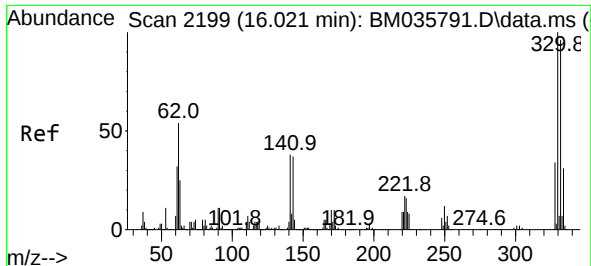
Tgt Ion:113 Resp: 735
 Ion Ratio Lower Upper
 113 100
 55 232.0 150.1 190.1#
 56 108.6 111.7 151.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.539 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

Tgt Ion:164 Resp: 795645
 Ion Ratio Lower Upper
 164 100
 162 100.8 83.0 124.6
 160 45.4 37.0 55.4

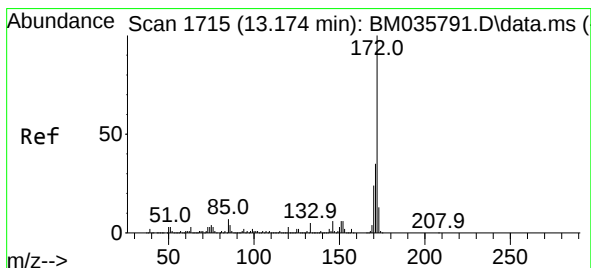
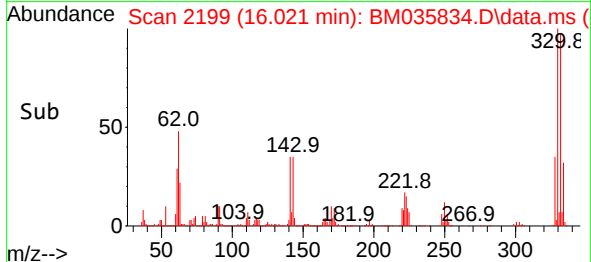
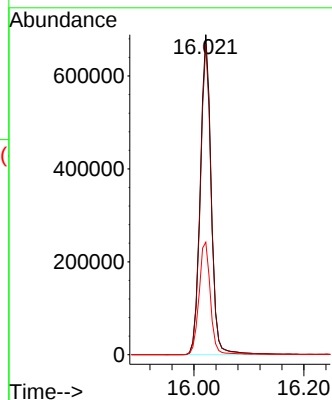
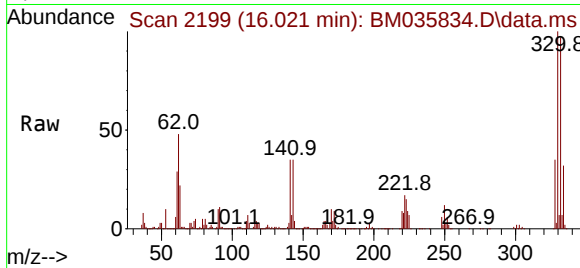




#42
2,4,6-Tribromophenol
Concen: 117.957 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

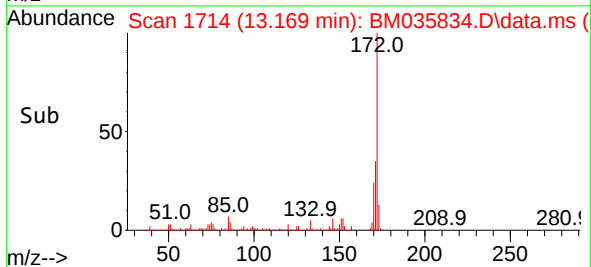
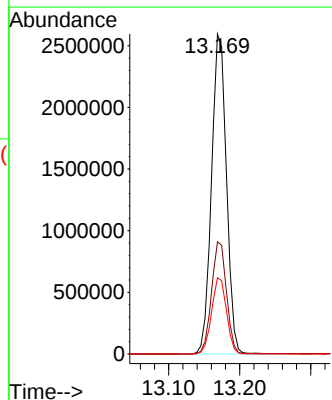
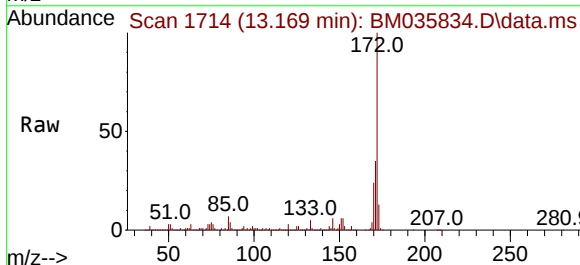
Instrument :
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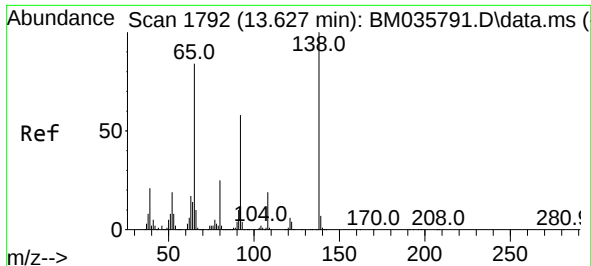
Tgt Ion:330 Resp: 953073
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 36.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 66.365 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:172 Resp: 3786236
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.8 18.7 28.1

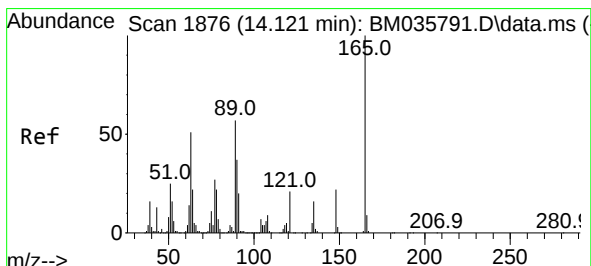
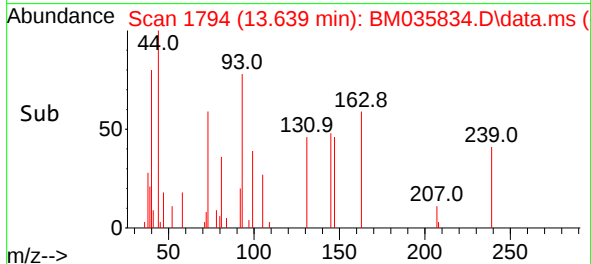
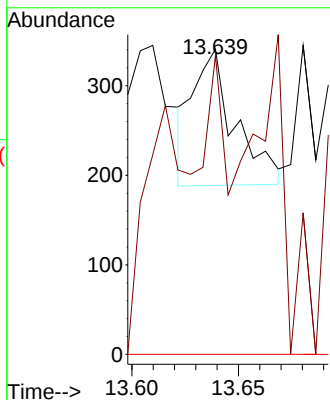
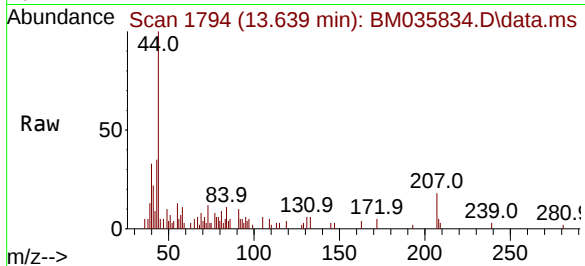




#48
2-Nitroaniline
Concen: 3.612 ng
RT: 13.639 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

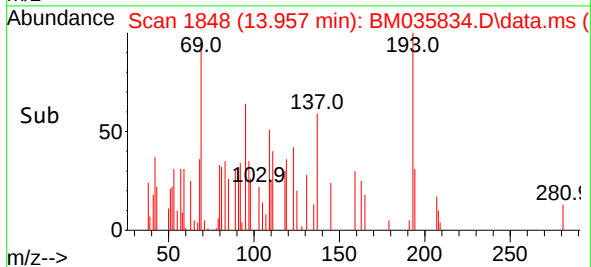
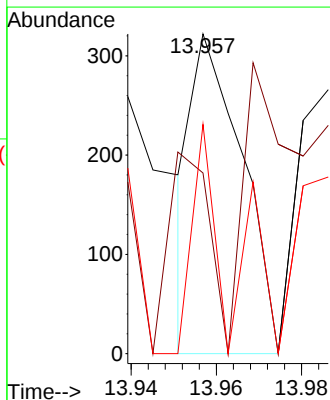
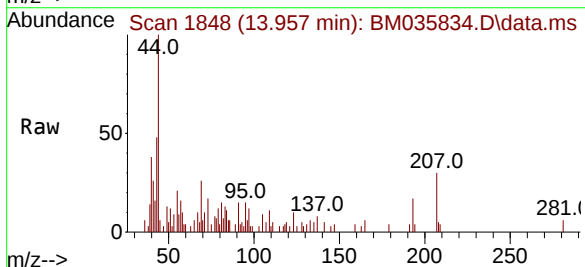
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HL-12-12.5

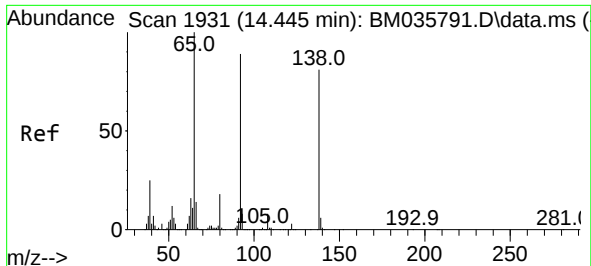
Tgt Ion: 65 Resp: 209
Ion Ratio Lower Upper
65 100
92 97.9 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.317 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.164 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion: 165 Resp: 259
Ion Ratio Lower Upper
165 100
63 56.5 50.2 75.2
89 71.7 48.4 72.6

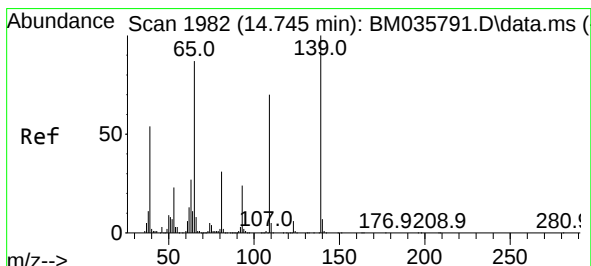
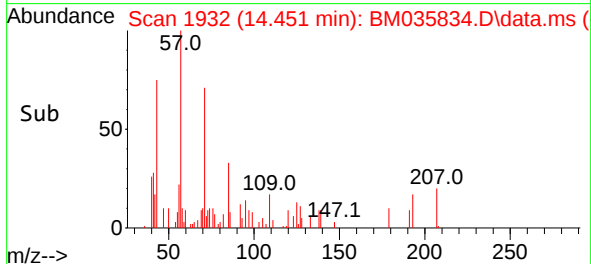
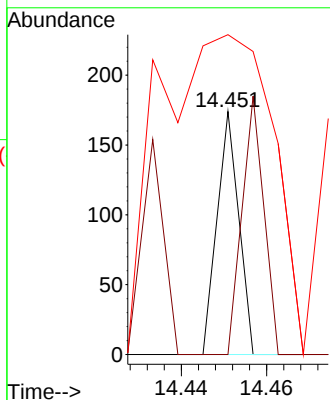
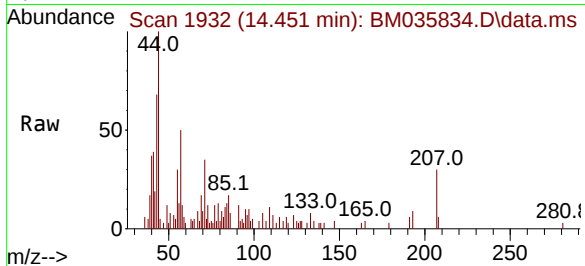




#53
3-Nitroaniline
Concen: 2.673 ng
RT: 14.451 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

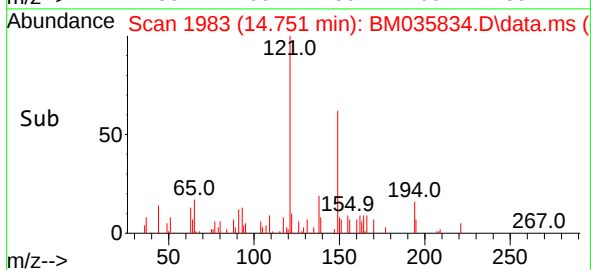
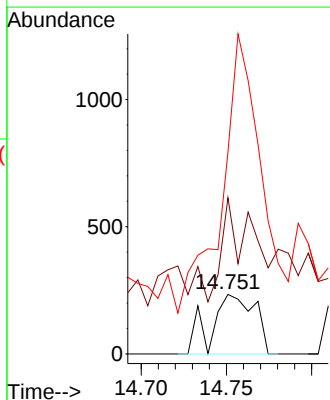
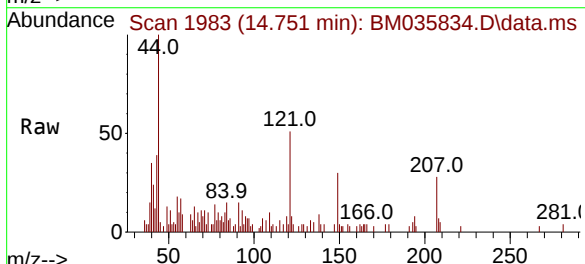
Instrument :
BNA_M
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HL-12-12.5

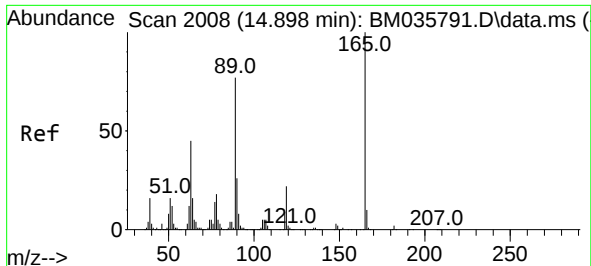
Tgt Ion:138 Resp: 61
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 131.6 91.5 137.3



#56
4-Nitrophenol
Concen: 4.088 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:139 Resp: 416
Ion Ratio Lower Upper
139 100
109 262.4 62.5 102.5#
65 339.3 83.5 123.5#





#57

2,4-Dinitrotoluene

Concen: 3.366 ng

RT: 14.874 min Scan# 20

Delta R.T. -0.024 min

Lab File: BM035834.D

Acq: 15 Jul 2022 17:36

Instrument :

BNA_M

ClientSampleId :

HL-12-12.5

Tgt Ion:165 Resp: 461

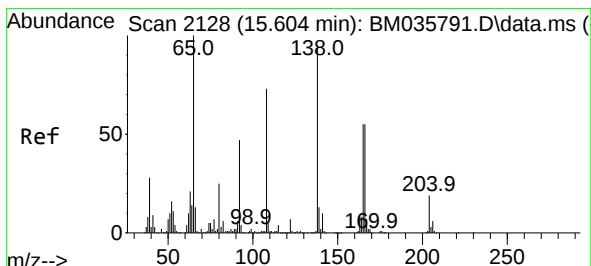
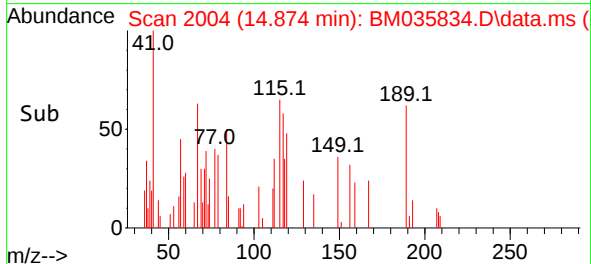
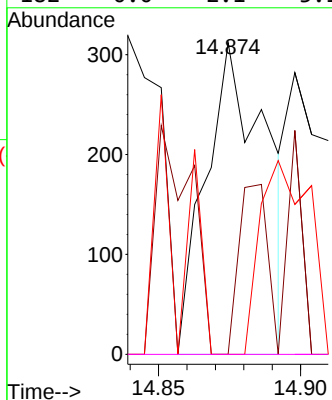
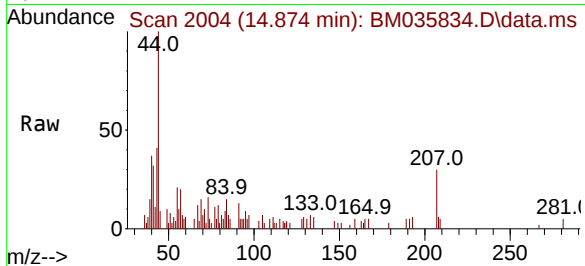
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 0.0 57.3 85.9#

182 0.0 2.1 3.1#



#62

4-Nitroaniline

Concen: 2.804 ng

RT: 15.704 min Scan# 2145

Delta R.T. 0.100 min

Lab File: BM035834.D

Acq: 15 Jul 2022 17:36

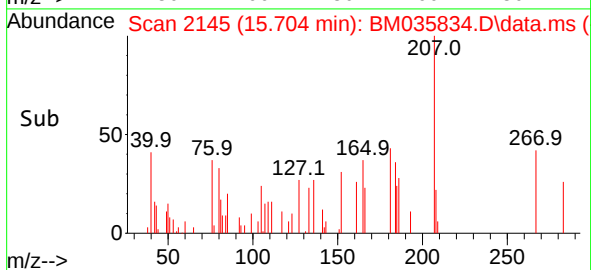
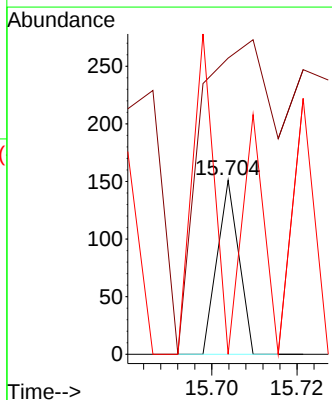
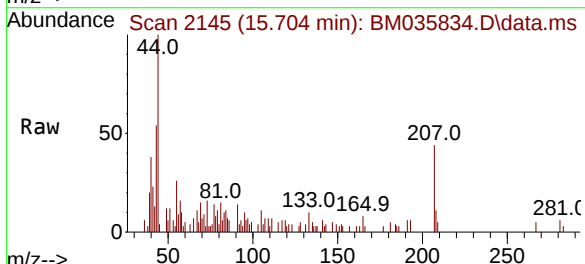
Tgt Ion:138 Resp: 53

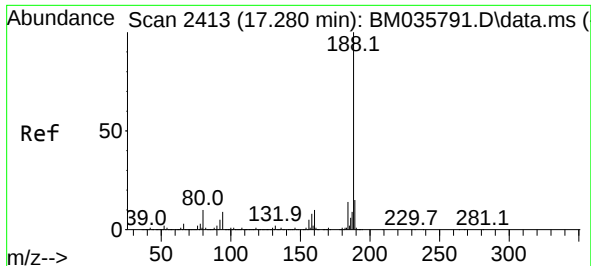
Ion Ratio Lower Upper

138 100

92 170.2 30.8 70.8#

108 0.0 65.7 105.7#

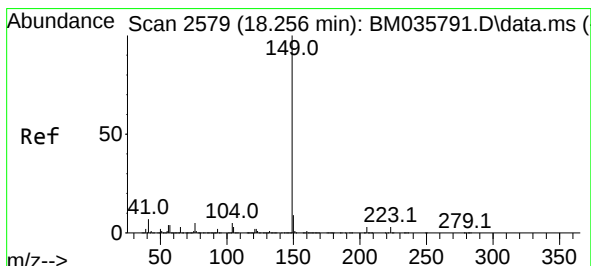
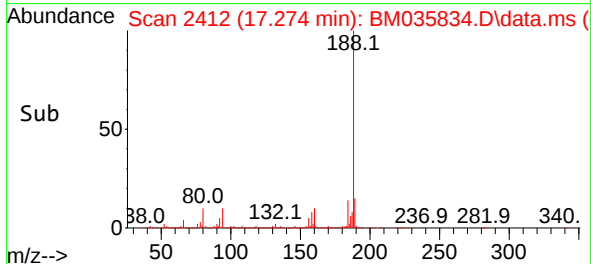
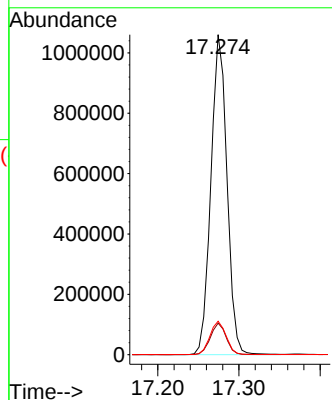
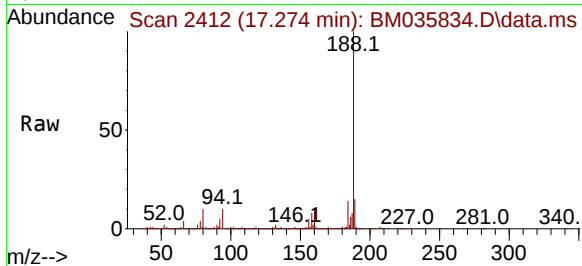




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

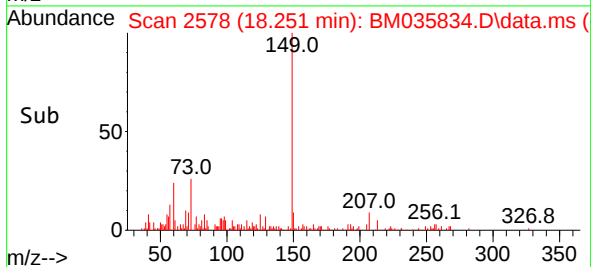
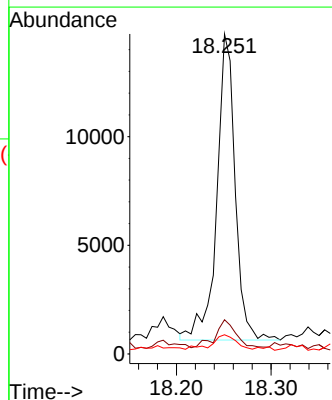
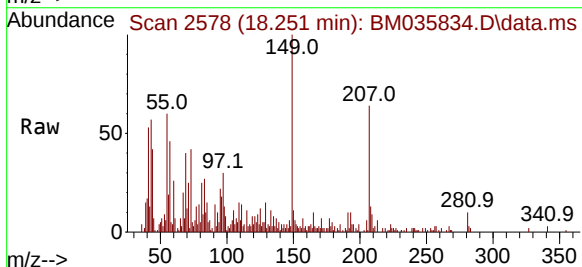
Instrument :
BNA_M
ClientSampleId :
HL-12-12.5

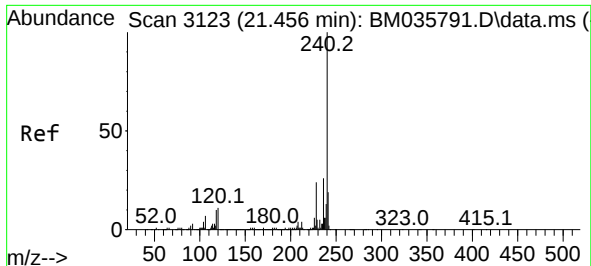
Tgt Ion:188 Resp: 1456368
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.5 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.492 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:149 Resp: 18986
Ion Ratio Lower Upper
149 100
150 10.7 7.3 10.9
104 6.0 4.3 6.5

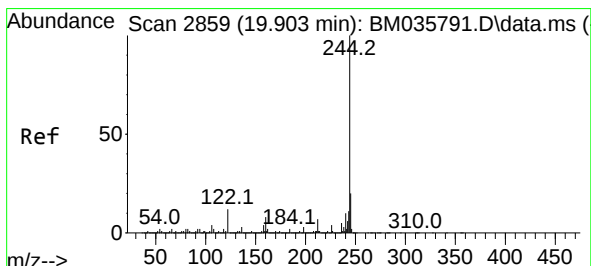
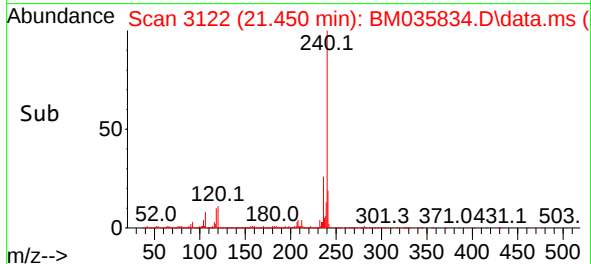
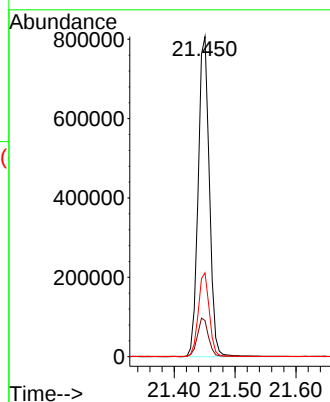
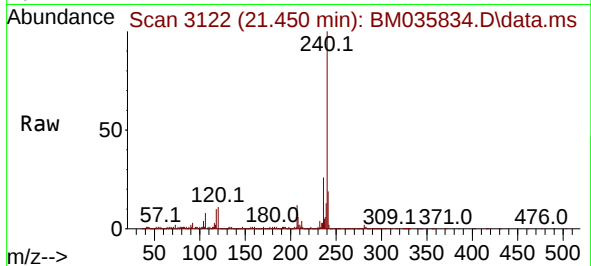




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

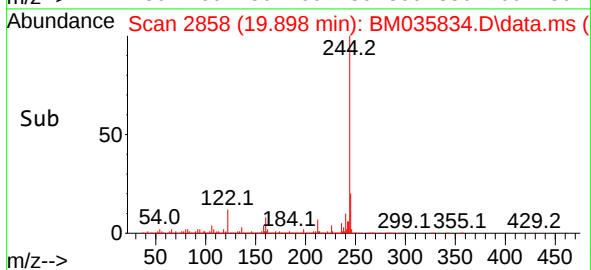
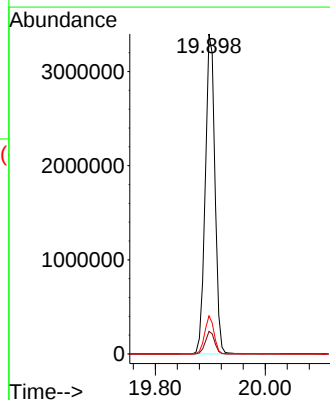
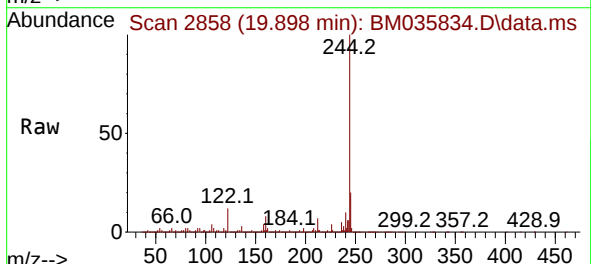
Instrument :
BNA_M
ClientSampleId :
HL-12-12.5

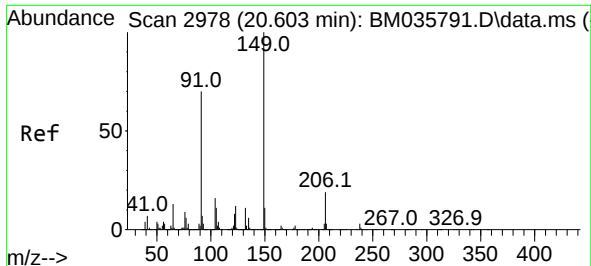
Tgt Ion:240 Resp: 1027215
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.0
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 78.095 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:244 Resp: 4132554
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 11.9 8.3 12.5

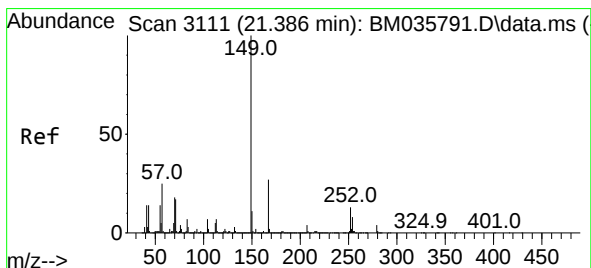
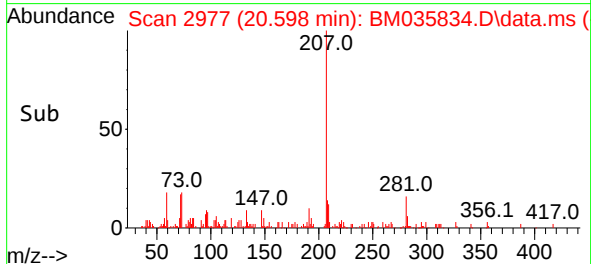
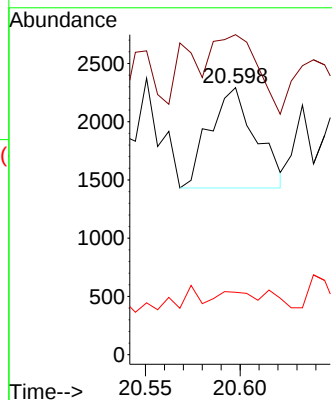
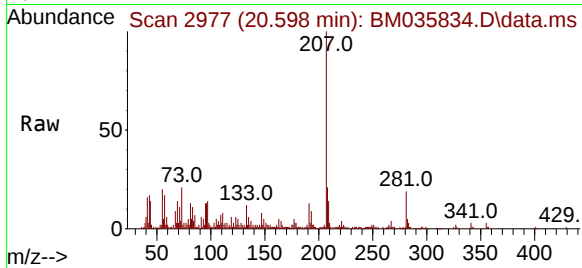




#80
 Butylbenzylphthalate
 Concen: 4.219 ng
 RT: 20.598 min Scan# 2978
 Delta R.T. -0.005 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

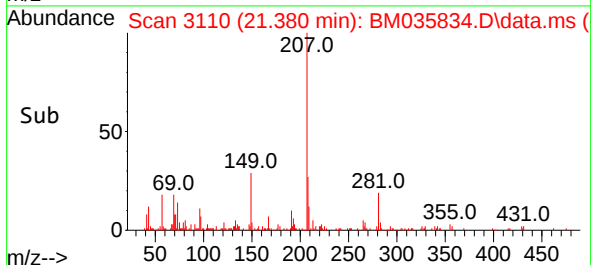
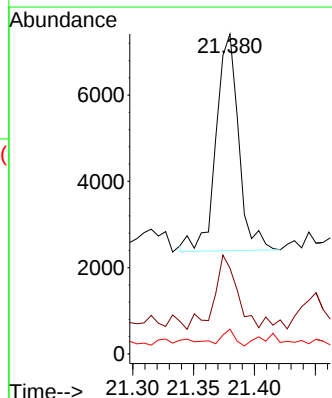
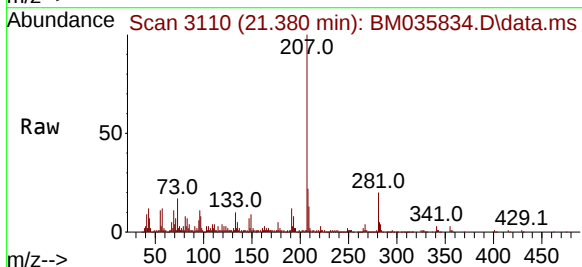
Instrument :
 BNA_M
 ClientSampleId :
 HL-12-12.5

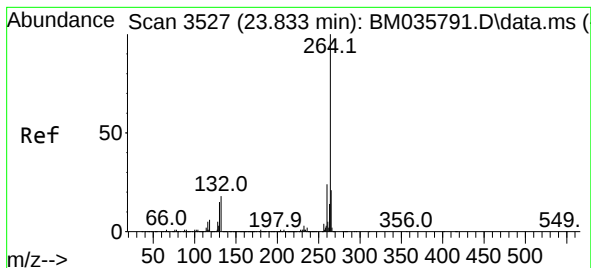
Tgt Ion:149 Resp: 1454
 Ion Ratio Lower Upper
 149 100
 91 119.9 56.6 85.0#
 206 23.4 15.4 23.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.410 ng
 RT: 21.380 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

Tgt Ion:149 Resp: 6470
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.1 31.7
 279 7.8 2.8 4.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM035834.D

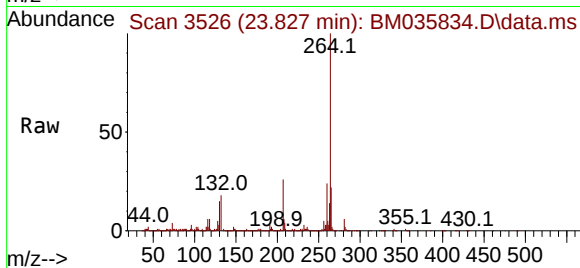
Acq: 15 Jul 2022 17:36

Instrument :

BNA_M

ClientSampleId :

HL-12-12.5



Tgt Ion:264 Resp: 902463

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.1 17.5 26.3

