

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035838.D
 Acq On : 15 Jul 2022 20:03
 Operator : CG/JU
 Sample : N3651-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-5

Quant Time: Jul 15 23:48:10 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)

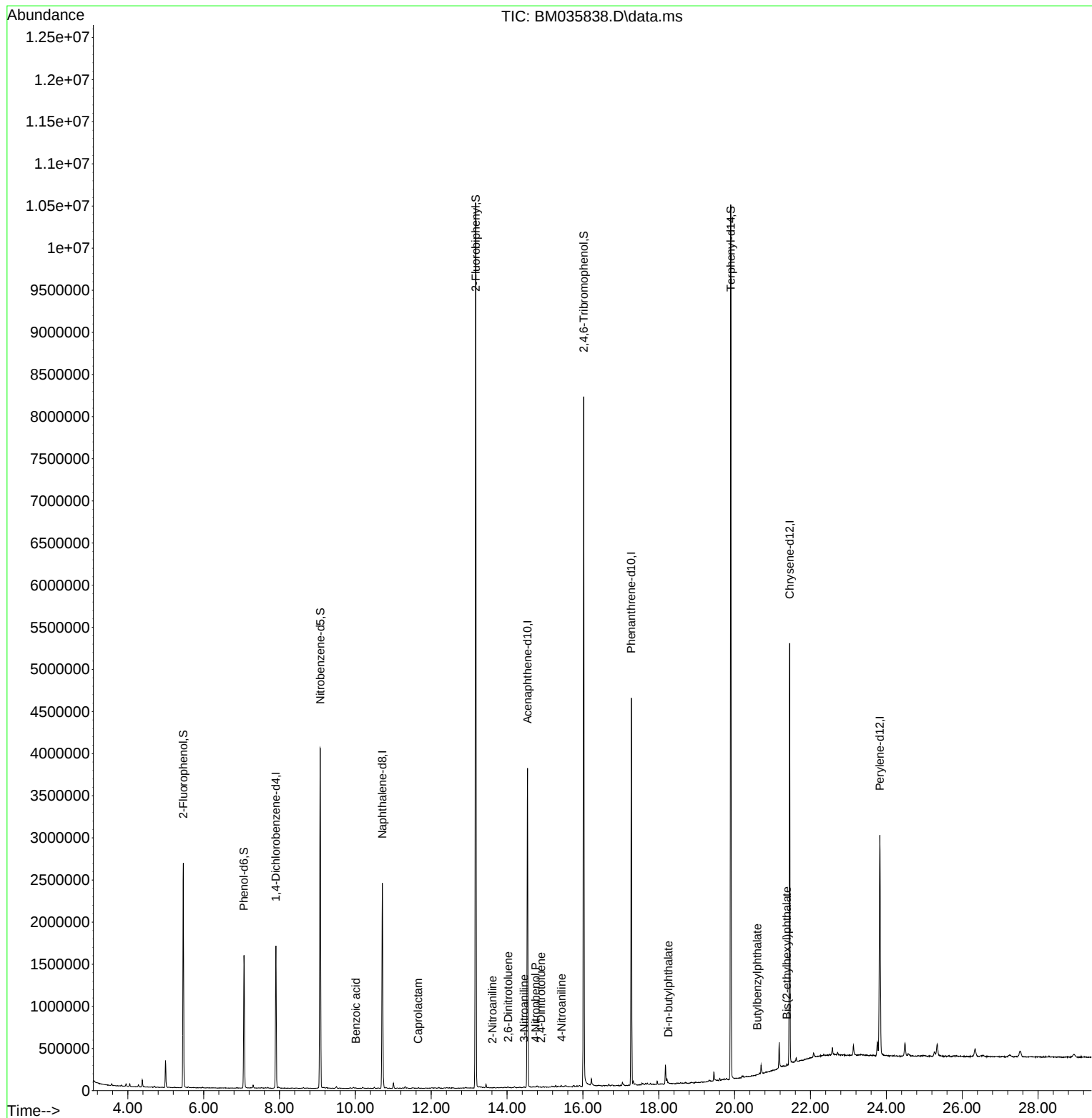
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	437417	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1996401	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	1247394	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	2565188	20.000	ng	0.00
76) Chrysene-d12	21.450	240	2253355	20.000	ng	0.00
86) Perylene-d12	23.827	264	1890350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1140465	42.349	ng	0.00
7) Phenol-d6	7.063	99	868264	25.776	ng	0.00
23) Nitrobenzene-d5	9.075	82	2287239	65.496	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1475699	116.496	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	5232534	58.501	ng	0.00
79) Terphenyl-d14	19.898	244	4608559	39.701	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.016	122	83	8.040	ng	# 40
35) Caprolactam	11.657	113	587	5.163	ng	# 1
48) 2-Nitroaniline	13.616	65	432	3.617	ng	# 35
51) 2,6-Dinitrotoluene	14.027	165	104	2.301	ng	91
53) 3-Nitroaniline	14.451	138	77	2.672	ng	# 1
56) 4-Nitrophenol	14.751	139	181	4.061	ng	# 53
57) 2,4-Dinitrotoluene	14.898	165	588	3.360	ng	# 45
62) 4-Nitroaniline	15.439	138	425	2.818	ng	92
74) Di-n-butylphthalate	18.251	149	8162	2.319	ng	# 92
80) Butylbenzylphthalate	20.597	149	1260	4.183	ng	# 37
84) Bis(2-ethylhexyl)phtha...	21.374	149	6601	3.316	ng	# 95

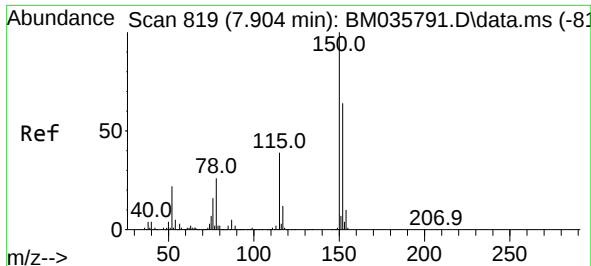
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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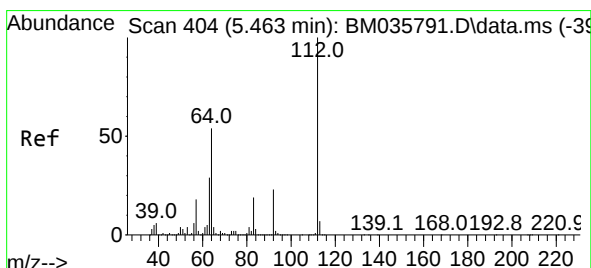
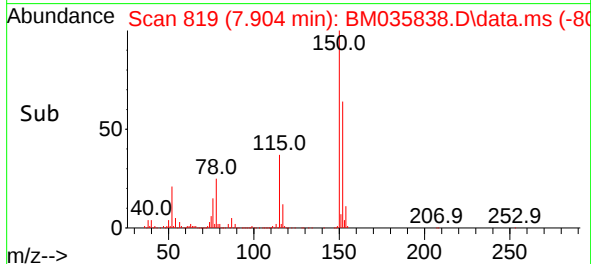
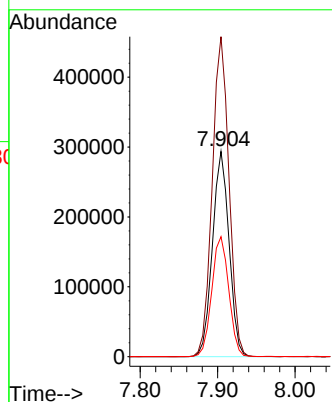
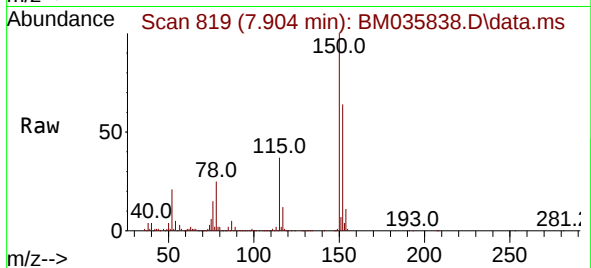




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035838.D
 Acq: 15 Jul 2022 20:03

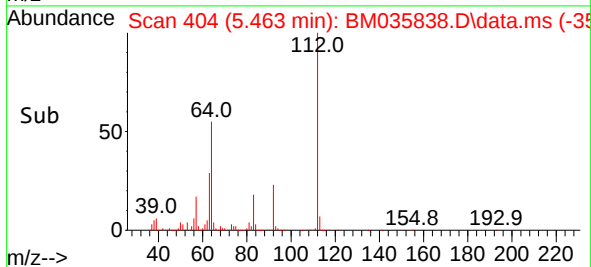
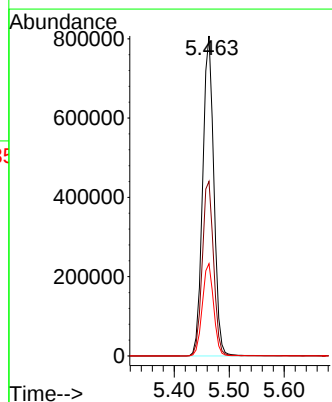
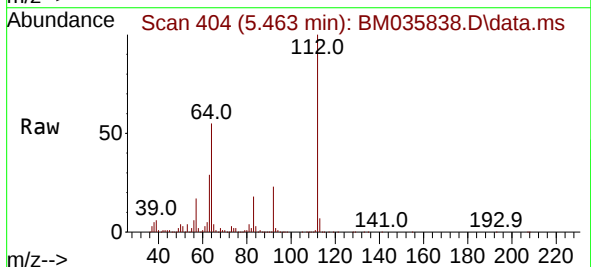
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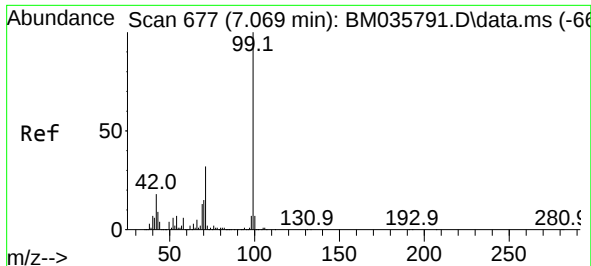
Tgt Ion:152 Resp: 437417
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 58.4 47.9 71.9



#5
 2-Fluorophenol
 Concen: 42.349 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035838.D
 Acq: 15 Jul 2022 20:03

Tgt Ion:112 Resp: 1140465
 Ion Ratio Lower Upper
 112 100
 64 54.5 47.8 71.6
 63 28.8 26.6 40.0

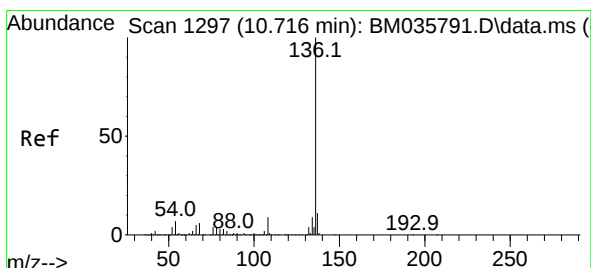
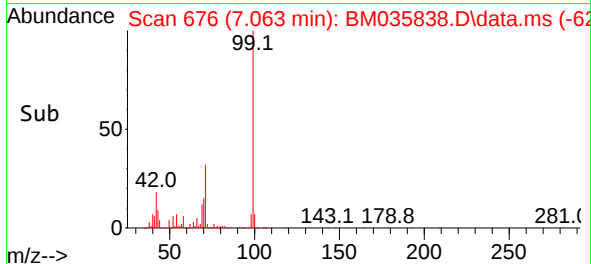
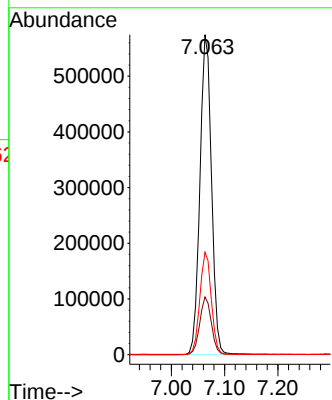
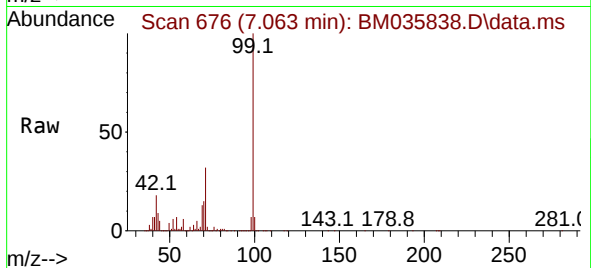




#7
Phenol-d6
Concen: 25.776 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

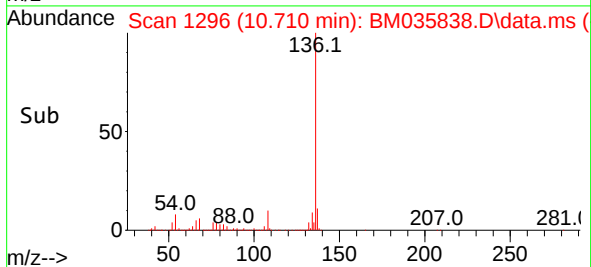
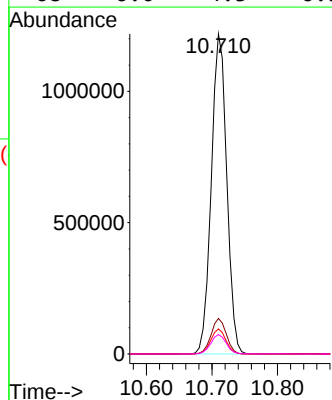
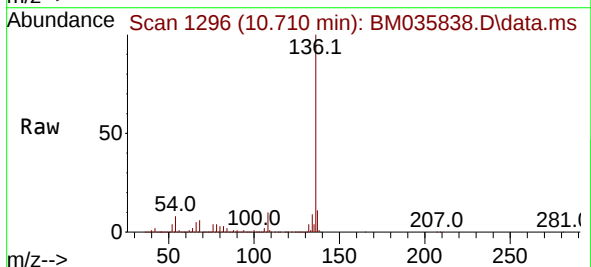
Instrument :
BNA_M
ClientSampleId :
SW-5

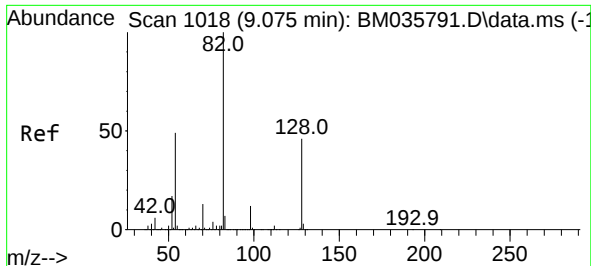
Tgt Ion: 99 Resp: 868264
Ion Ratio Lower Upper
99 100
42 18.0 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

Tgt Ion: 136 Resp: 1996401
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.8 7.0 10.4
68 6.0 4.3 6.5

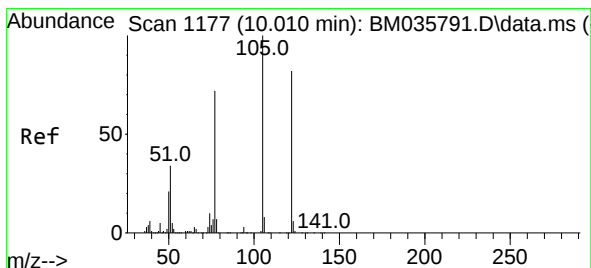
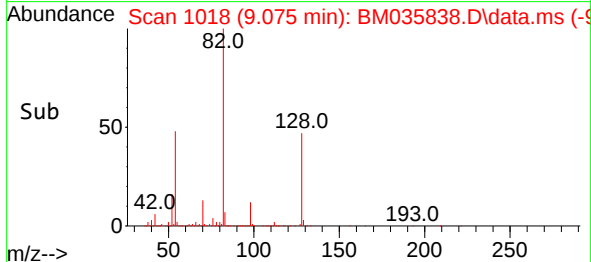
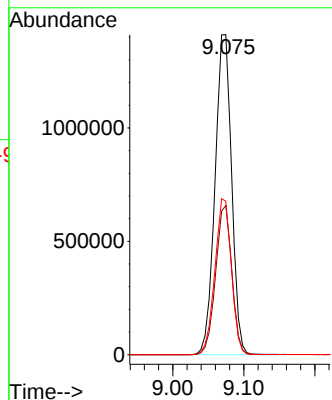
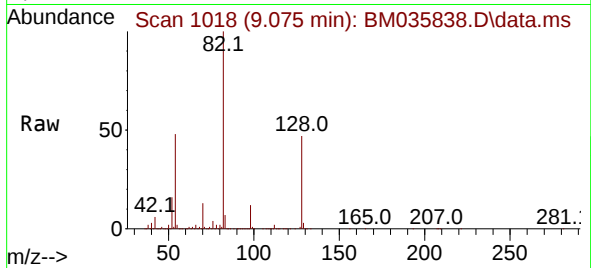




#23
Nitrobenzene-d5
Concen: 65.496 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

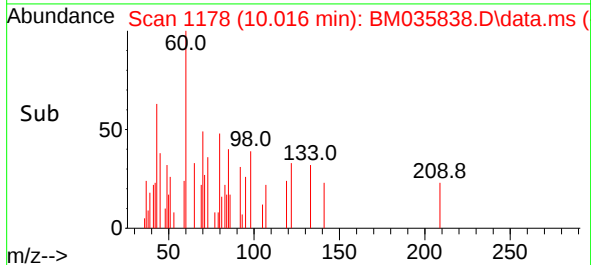
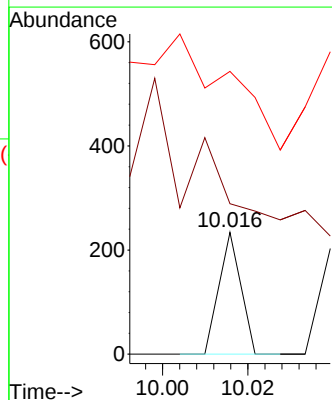
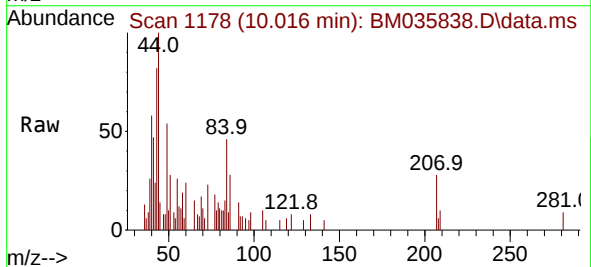
Instrument :
BNA_M
ClientSampleId :
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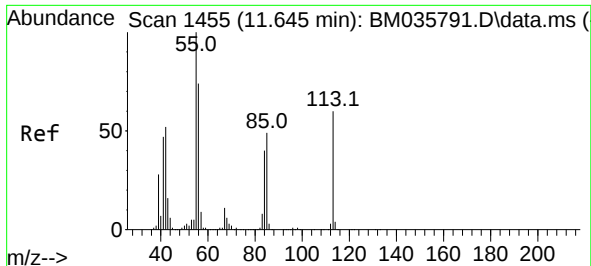
Tgt Ion: 82 Resp: 2287239
Ion Ratio Lower Upper
82 100
128 46.6 33.7 50.5
54 48.0 43.2 64.8



#32
Benzoic acid
Concen: 8.040 ng
RT: 10.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 123.5 105.7 145.7
77 232.1 80.0 120.0#

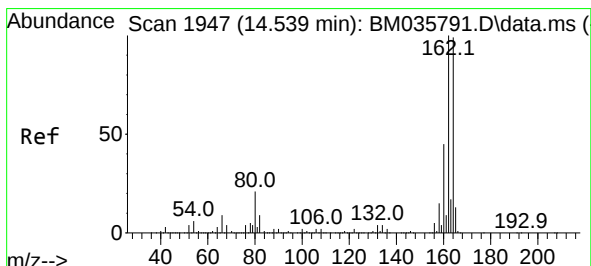
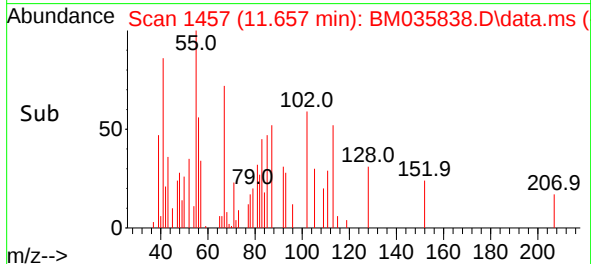
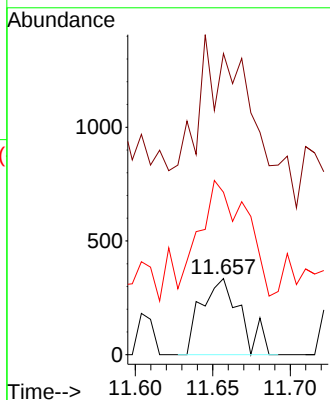
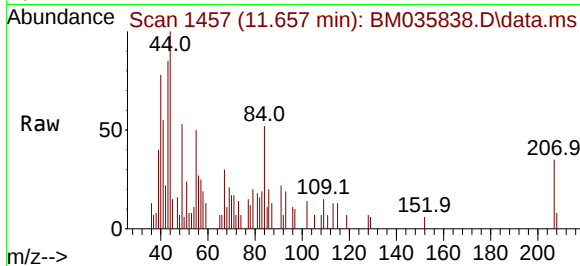




#35
Caprolactam
Concen: 5.163 ng
RT: 11.657 min Scan# 1457
Delta R.T. 0.012 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

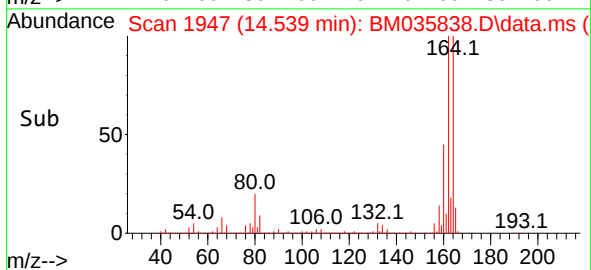
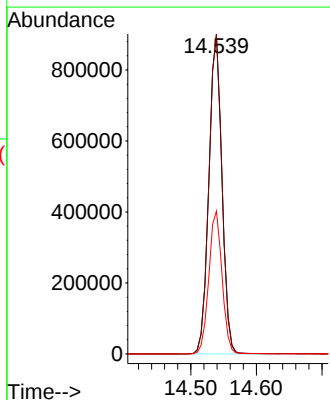
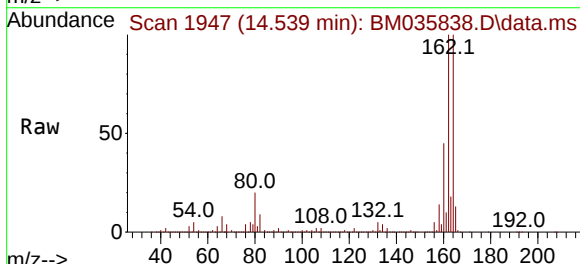
Instrument :
BNA_M
ClientSampleId :
SW-5

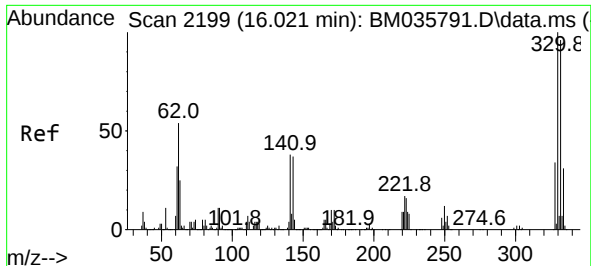
Tgt Ion:113 Resp: 587
Ion Ratio Lower Upper
113 100
55 395.2 150.1 190.1#
56 213.1 111.7 151.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

Tgt Ion:164 Resp: 1247394
Ion Ratio Lower Upper
164 100
162 100.2 83.0 124.6
160 44.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 116.496 ng

RT: 16.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BM035838.D

Acq: 15 Jul 2022 20:03

Instrument :

BNA_M

ClientSampleId :

SW-5

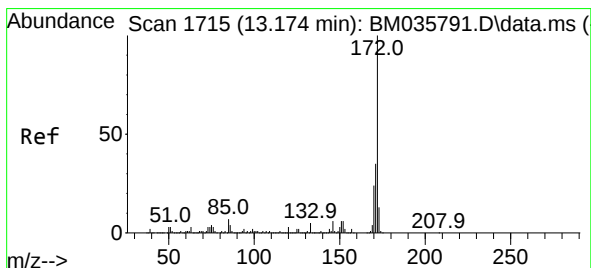
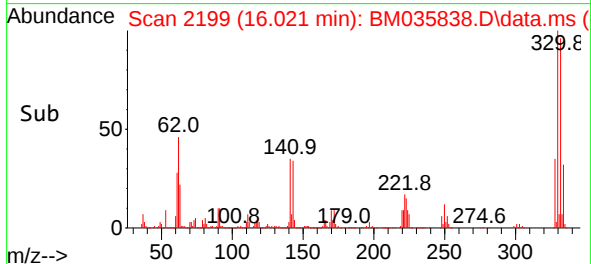
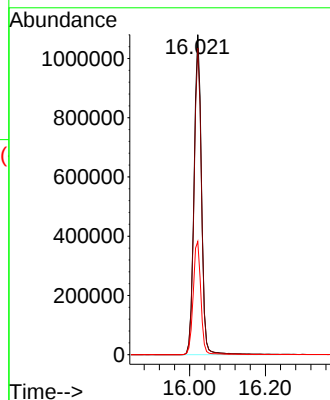
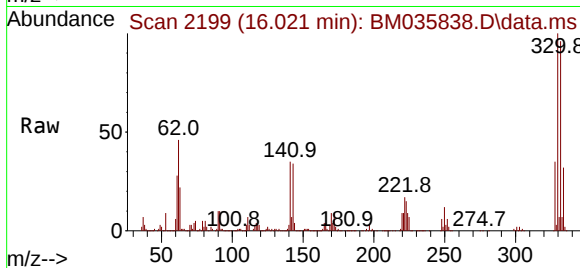
Tgt Ion:330 Resp: 1475699

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 36.0 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 58.501 ng

RT: 13.174 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BM035838.D

Acq: 15 Jul 2022 20:03

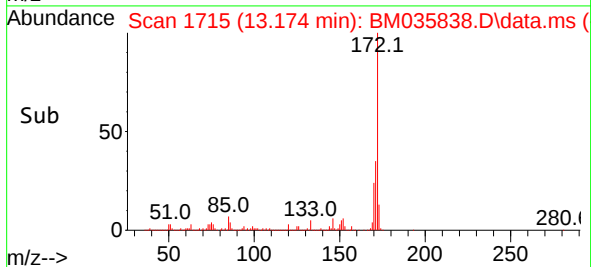
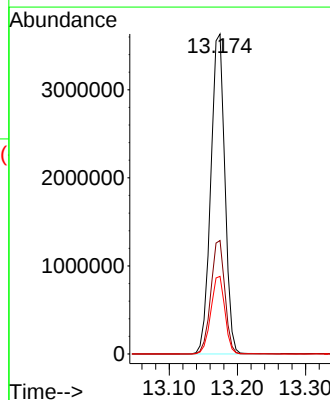
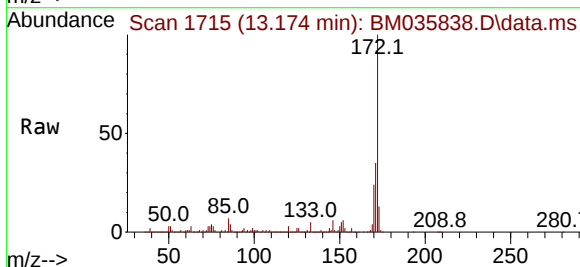
Tgt Ion:172 Resp: 5232534

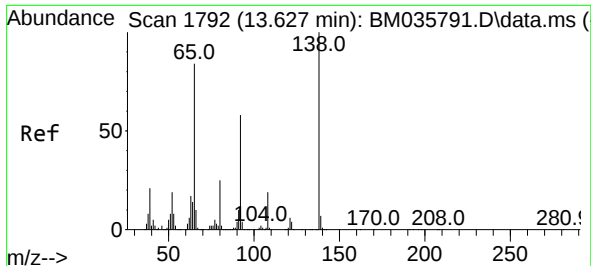
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.2 18.7 28.1

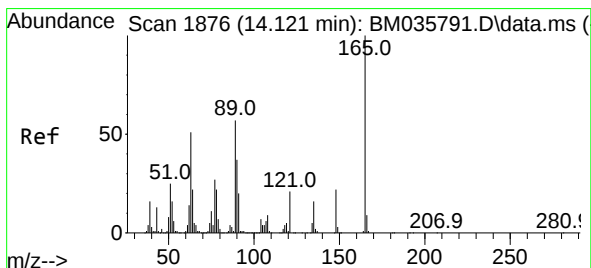
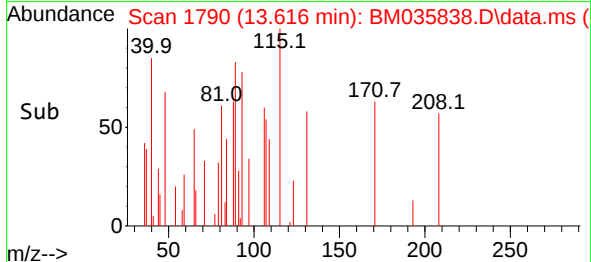
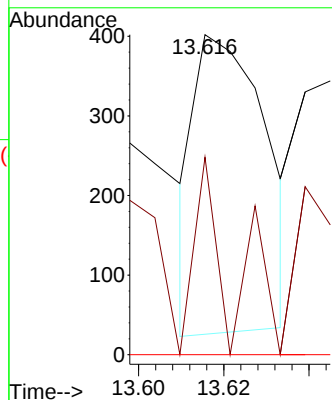
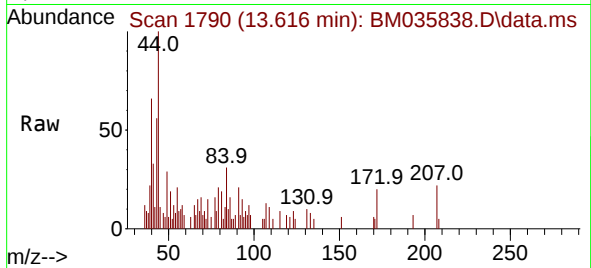




#48
2-Nitroaniline
Concen: 3.617 ng
RT: 13.616 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

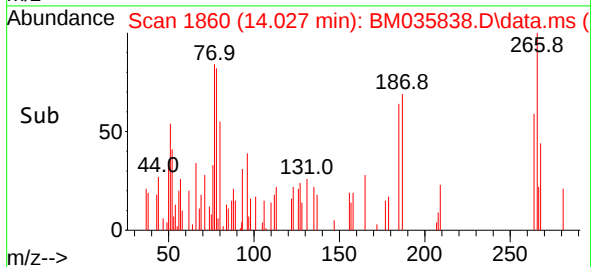
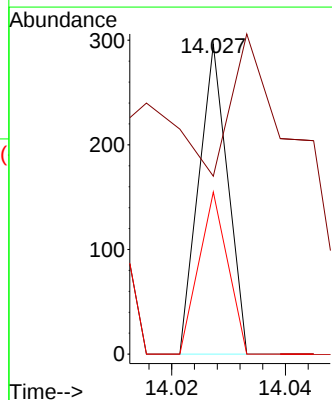
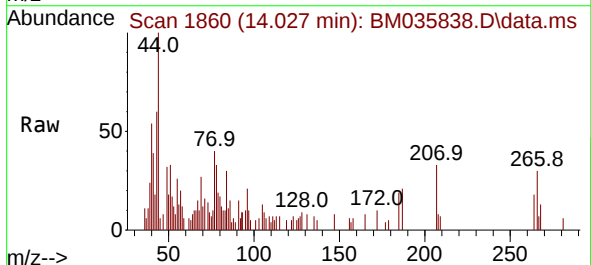
Instrument :
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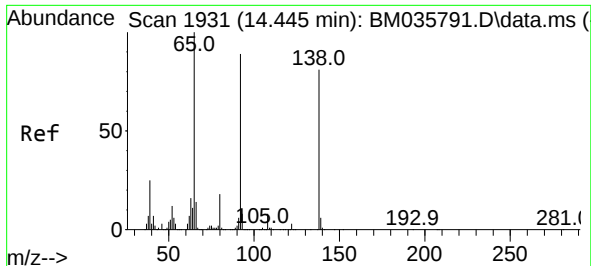
Tgt Ion: 65 Resp: 432
Ion Ratio Lower Upper
65 100
92 61.7 53.7 80.5
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.301 ng
RT: 14.027 min Scan# 1860
Delta R.T. -0.094 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

Tgt Ion: 165 Resp: 104
Ion Ratio Lower Upper
165 100
63 57.4 50.2 75.2
89 52.4 48.4 72.6

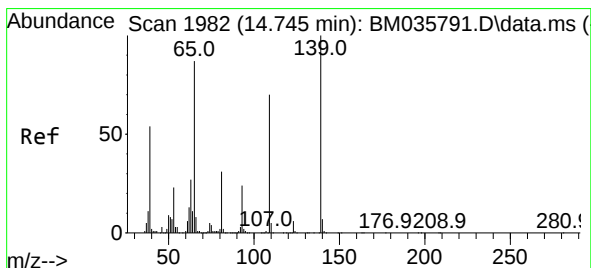
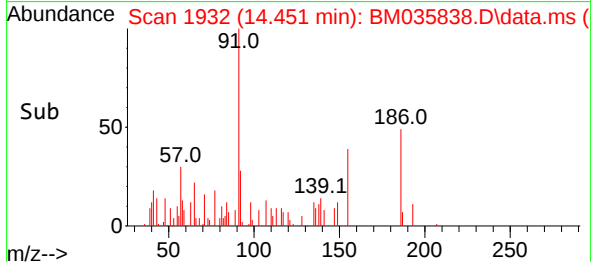
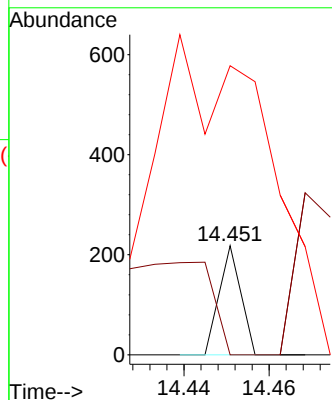
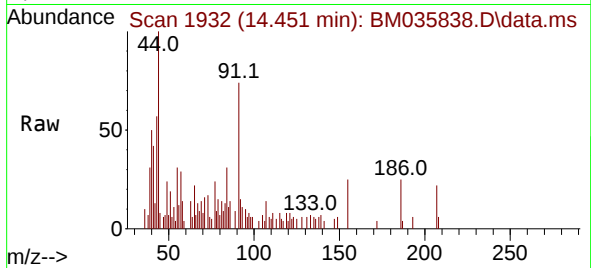




#53
3-Nitroaniline
Concen: 2.672 ng
RT: 14.451 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

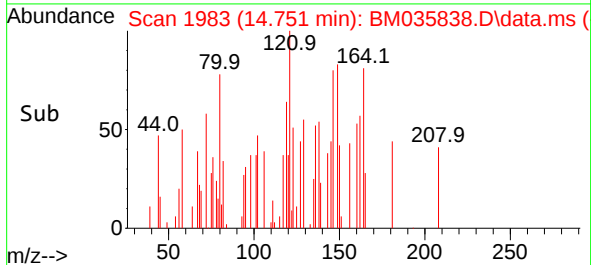
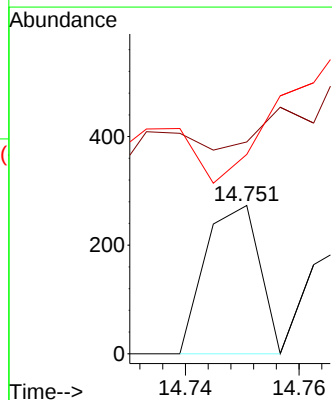
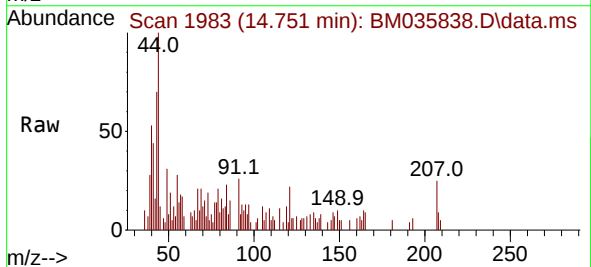
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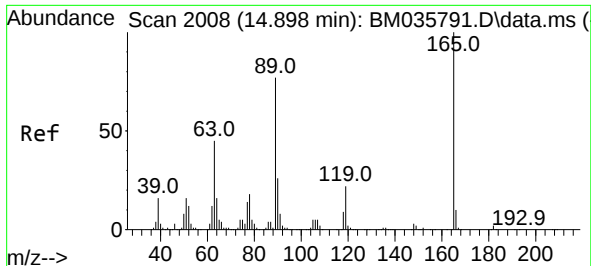
Tgt Ion:138 Resp: 77
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 265.1 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.061 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

Tgt Ion:139 Resp: 181
Ion Ratio Lower Upper
139 100
109 142.9 62.5 102.5#
65 134.4 83.5 123.5#





#57

2,4-Dinitrotoluene

Concen: 3.360 ng

RT: 14.898 min Scan# 2100

Delta R.T. -0.000 min

Lab File: BM035838.D

Acq: 15 Jul 2022 20:03

Instrument :

BNA_M

ClientSampleId :

SW-5

Tgt Ion:165 Resp: 588

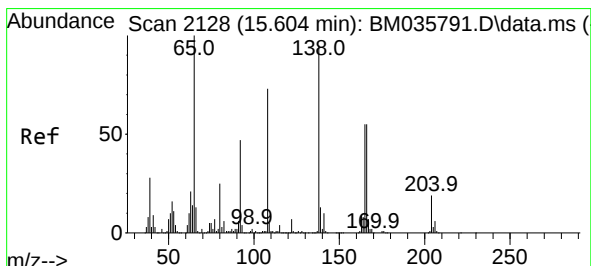
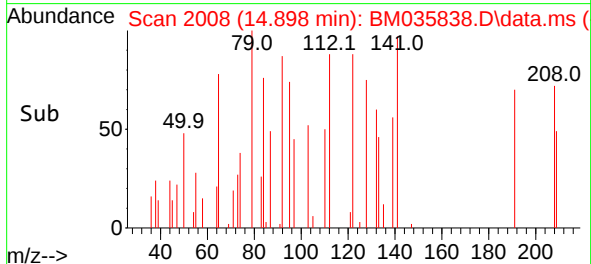
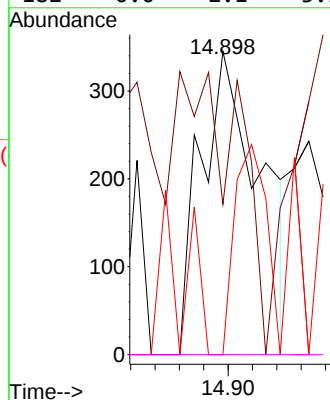
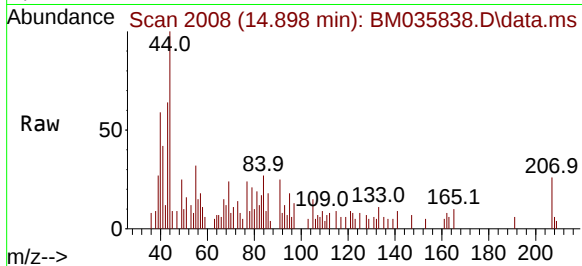
Ion Ratio Lower Upper

165 100

63 49.6 35.6 53.4

89 0.0 57.3 85.9#

182 0.0 2.1 3.1#



#62

4-Nitroaniline

Concen: 2.818 ng

RT: 15.439 min Scan# 2100

Delta R.T. -0.165 min

Lab File: BM035838.D

Acq: 15 Jul 2022 20:03

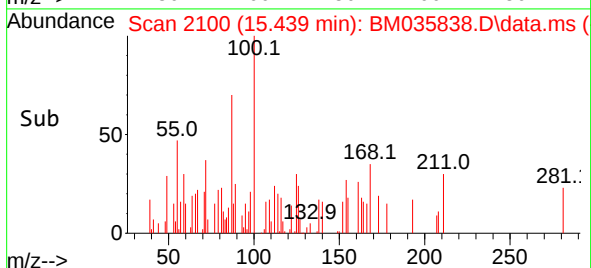
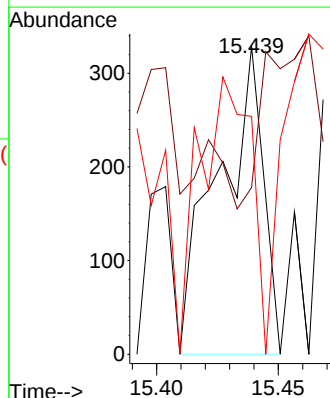
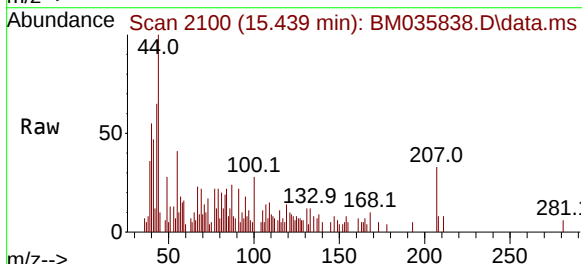
Tgt Ion:138 Resp: 425

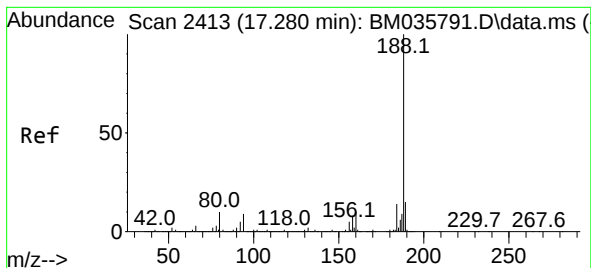
Ion Ratio Lower Upper

138 100

92 54.1 30.8 70.8

108 77.2 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: BM035838.D

Acq: 15 Jul 2022 20:03

Instrument :

BNA_M

ClientSampleId :

SW-5

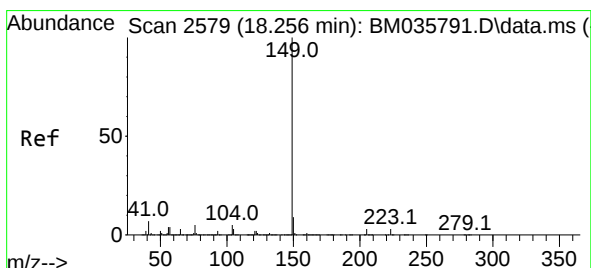
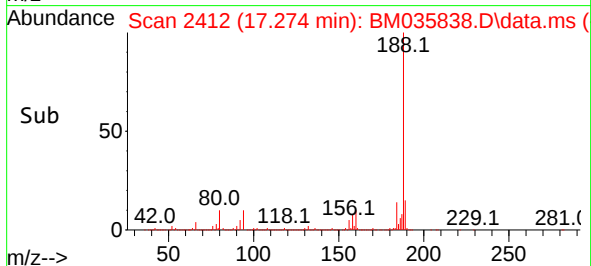
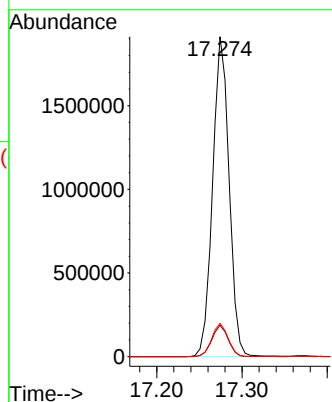
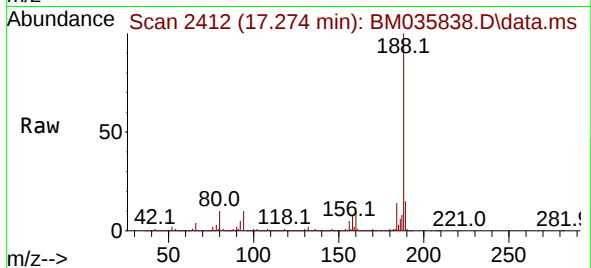
Tgt Ion:188 Resp: 2565188

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.4 7.6 11.4



#74

Di-n-butylphthalate

Concen: 2.319 ng

RT: 18.251 min Scan# 2578

Delta R.T. -0.005 min

Lab File: BM035838.D

Acq: 15 Jul 2022 20:03

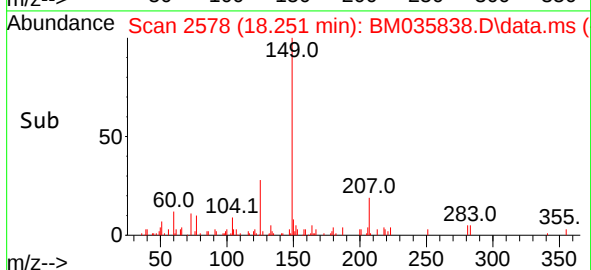
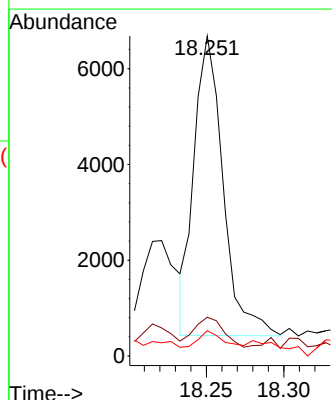
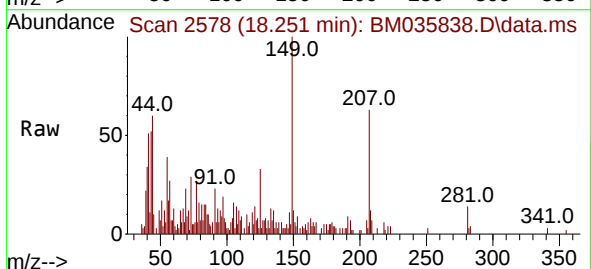
Tgt Ion:149 Resp: 8162

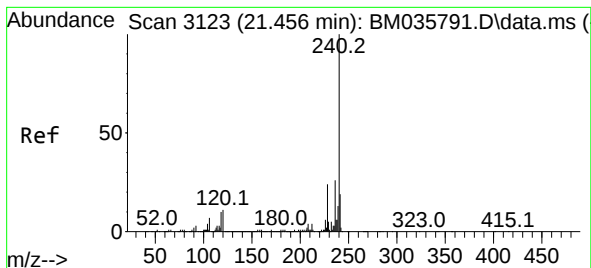
Ion Ratio Lower Upper

149 100

150 12.1 7.3 10.9#

104 7.9 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: BM035838.D

Acq: 15 Jul 2022 20:03

Instrument :

BNA_M

ClientSampleId :

SW-5

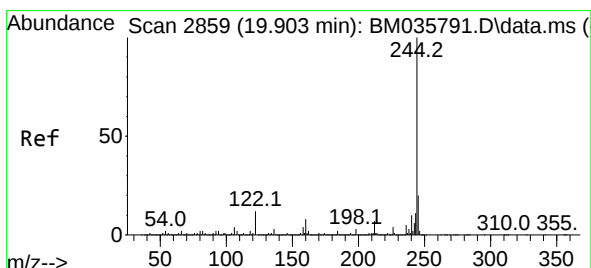
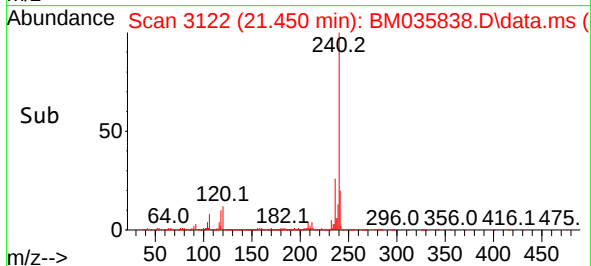
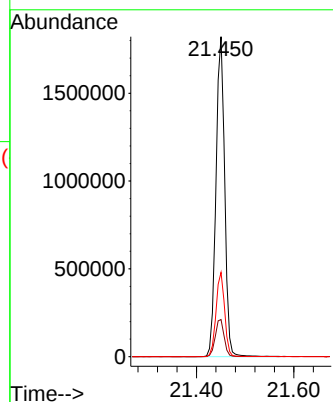
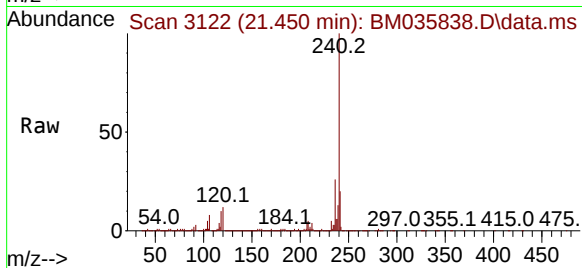
Tgt Ion:240 Resp: 2253355

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.0

236 26.3 20.6 30.8



#79

Terphenyl-d14

Concen: 39.701 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.005 min

Lab File: BM035838.D

Acq: 15 Jul 2022 20:03

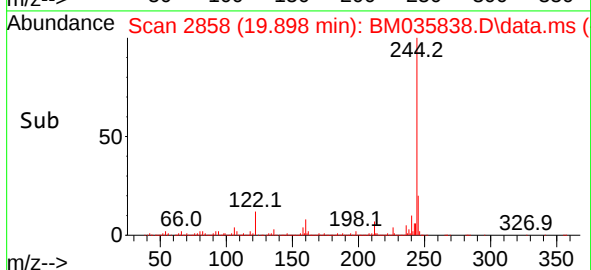
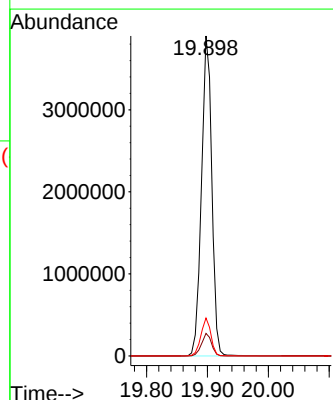
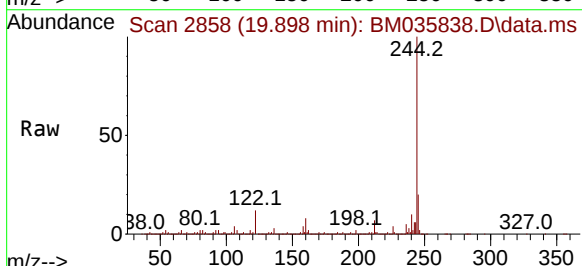
Tgt Ion:244 Resp: 4608559

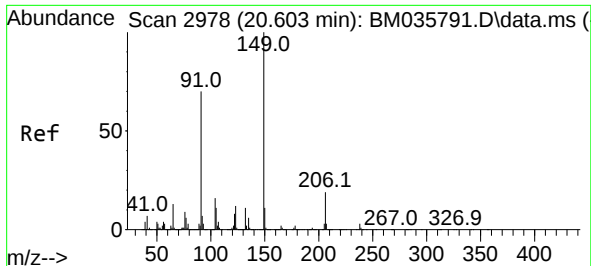
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 11.9 8.3 12.5

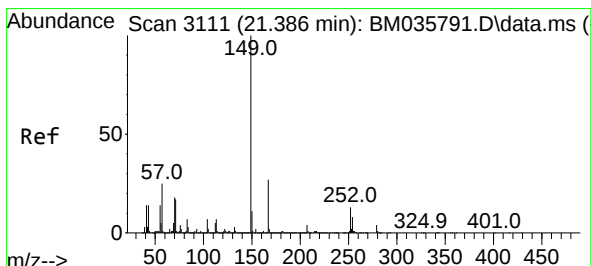
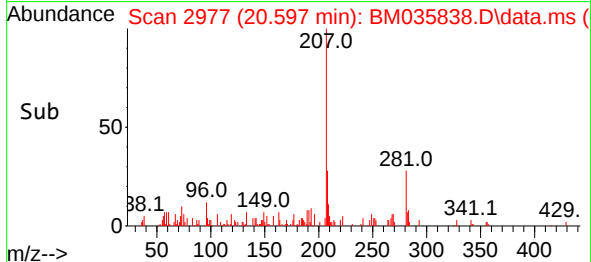
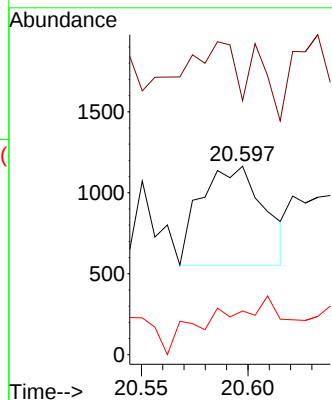
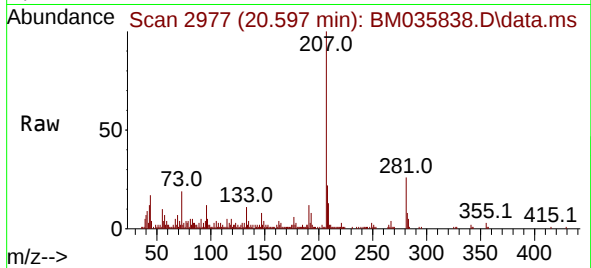




#80
Butylbenzylphthalate
Concen: 4.183 ng
RT: 20.597 min Scan# 2978
Delta R.T. -0.006 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

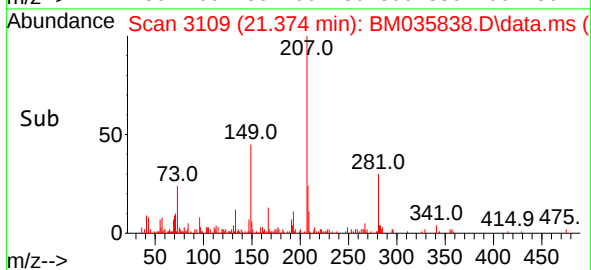
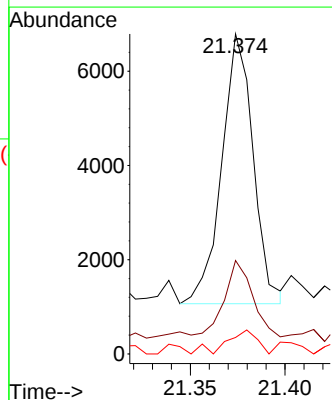
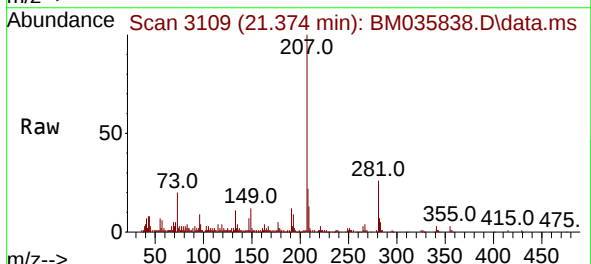
Instrument :
BNA_M
ClientSampleId :
SW-5

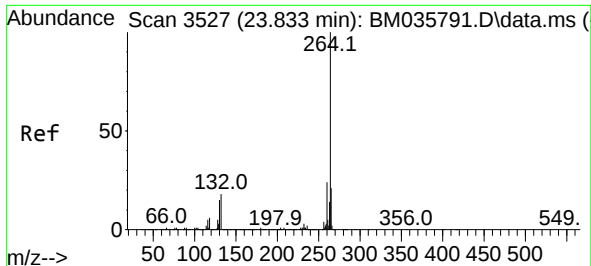
Tgt Ion:149 Resp: 1260
Ion Ratio Lower Upper
149 100
91 134.8 56.6 85.0#
206 23.2 15.4 23.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.316 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

Tgt Ion:149 Resp: 6601
Ion Ratio Lower Upper
149 100
167 29.2 21.1 31.7
279 5.2 2.8 4.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035838.D
Acq: 15 Jul 2022 20:03

Instrument :
BNA_M
ClientSampleId :
SW-5

Tgt Ion:264 Resp: 1890350
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 21.9 17.5 26.3

