

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035840.D
 Acq On : 15 Jul 2022 21:15
 Operator : CG/JU
 Sample : N3651-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-5-FILT

Quant Time: Jul 15 23:48:28 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)

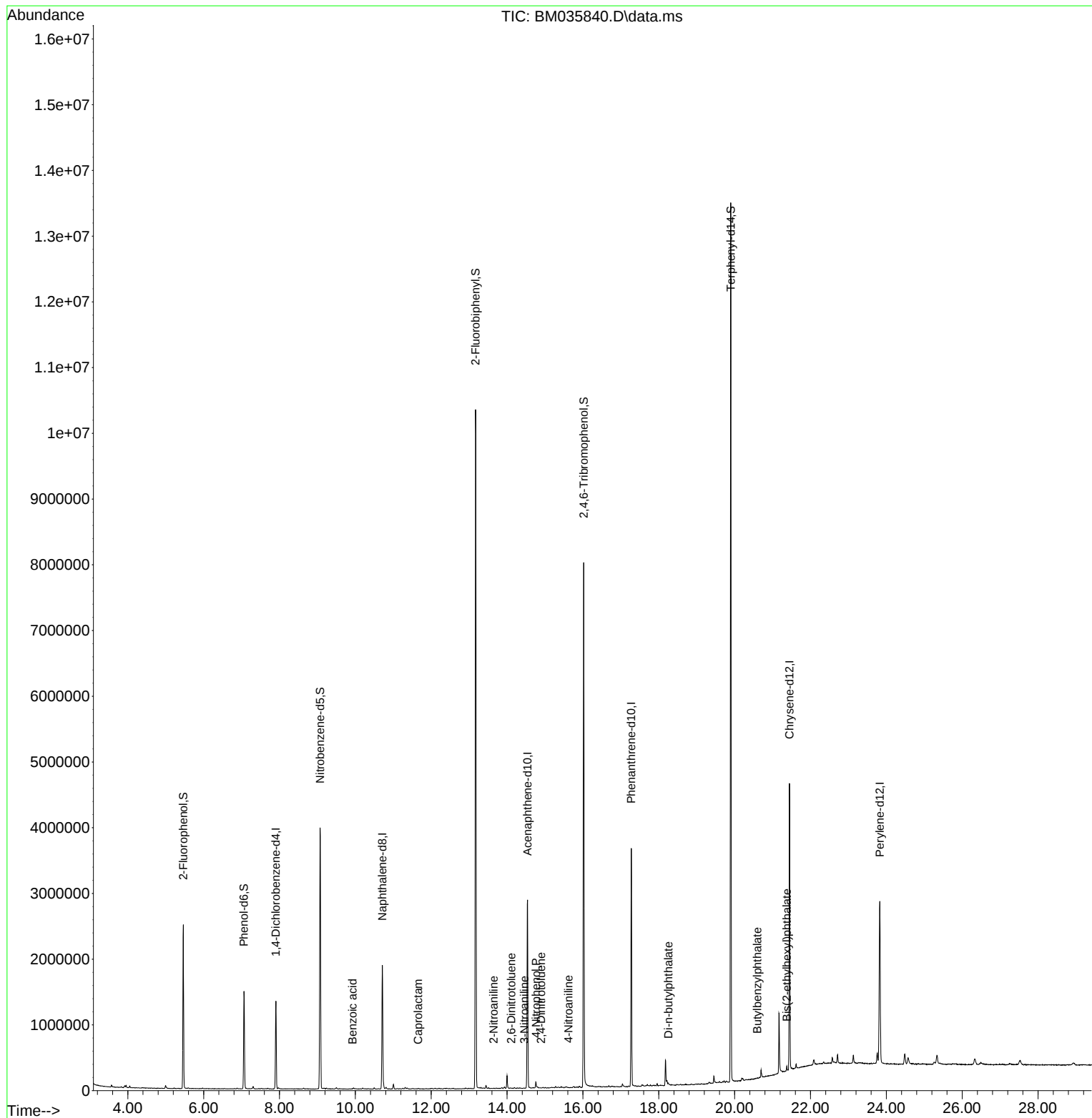
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	345976	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1541713	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	973188	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	2074325	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1995860	20.000	ng	-0.01
86) Perylene-d12	23.827	264	1764092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1054771	49.519	ng	0.00
7) Phenol-d6	7.063	99	829043	31.116	ng	0.00
23) Nitrobenzene-d5	9.069	82	2252271	83.515	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1453553	147.079	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	5182658	74.269	ng	0.00
79) Terphenyl-d14	19.898	244	6121352	59.537	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.928	122	961	8.100	ng	83
35) Caprolactam	11.657	113	909	5.230	ng	# 33
48) 2-Nitroaniline	13.645	65	200	3.609	ng	# 60
51) 2,6-Dinitrotoluene	14.110	165	209	2.310	ng	# 86
53) 3-Nitroaniline	14.457	138	108	2.675	ng	# 70
56) 4-Nitrophenol	14.763	139	1351	4.151	ng	# 1
57) 2,4-Dinitrotoluene	14.898	165	447	3.360	ng	# 65
62) 4-Nitroaniline	15.621	138	201	2.811	ng	# 45
74) Di-n-butylphthalate	18.251	149	20266	2.434	ng	98
80) Butylbenzylphthalate	20.598	149	2076	4.203	ng	# 30
84) Bis(2-ethylhexyl)phtha...	21.374	149	25284	3.587	ng	# 98

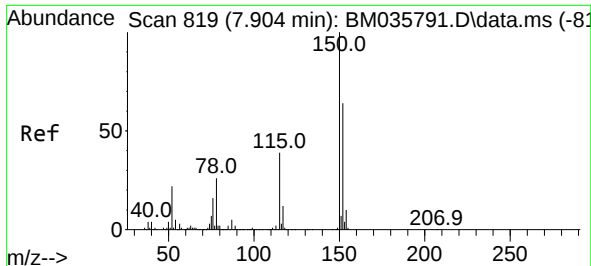
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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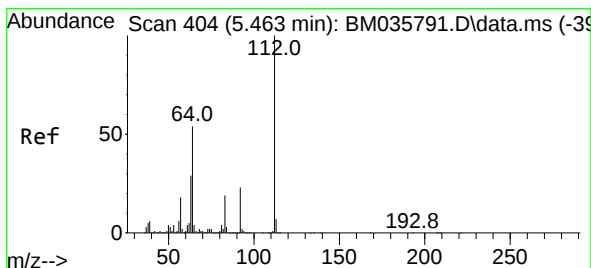
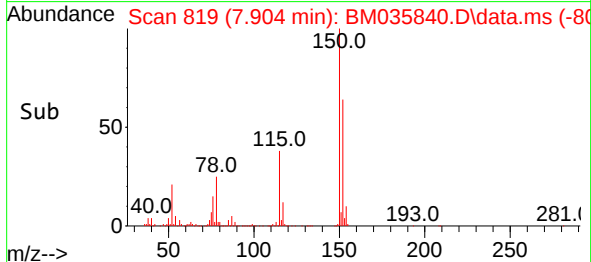
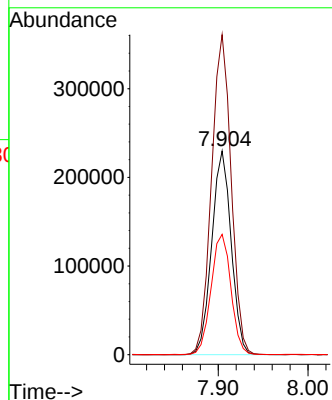
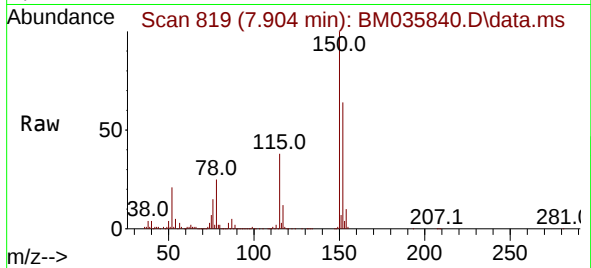




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035840.D
 Acq: 15 Jul 2022 21:15

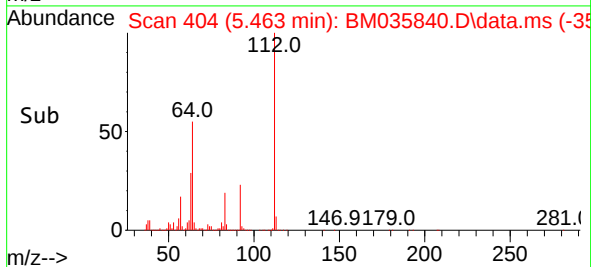
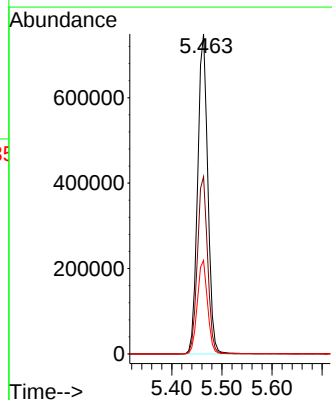
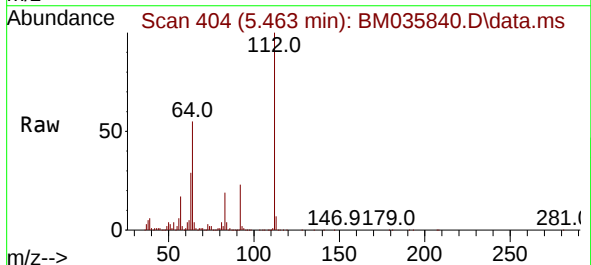
Instrument :
 BNA_M
 ClientSampleId :
 SW-5-FILT

Tgt Ion:152 Resp: 345976
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.9 187.3
 115 59.1 47.9 71.9



#5
 2-Fluorophenol
 Concen: 49.519 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035840.D
 Acq: 15 Jul 2022 21:15

Tgt Ion:112 Resp: 1054771
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.8 71.6
 63 29.2 26.6 40.0

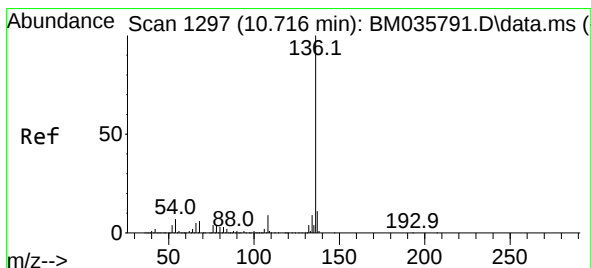
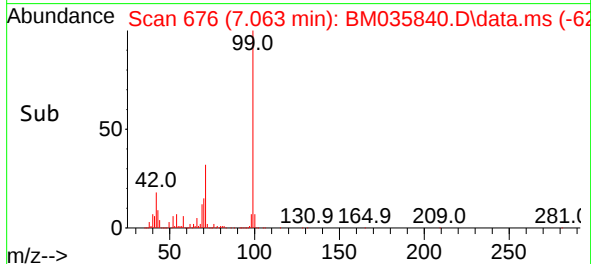
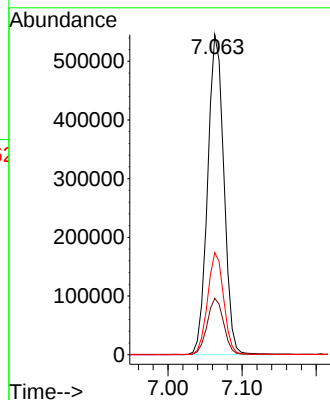
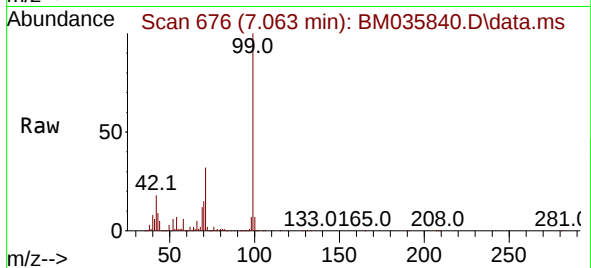




#7
Phenol-d6
Concen: 31.116 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

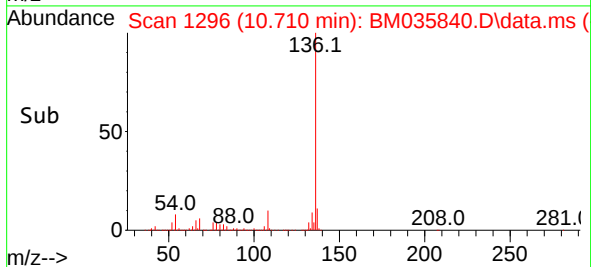
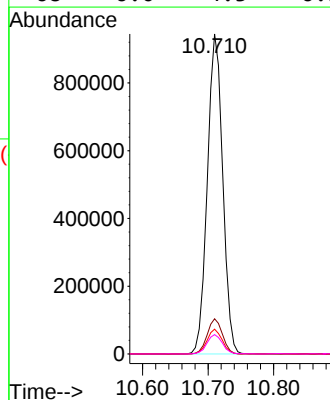
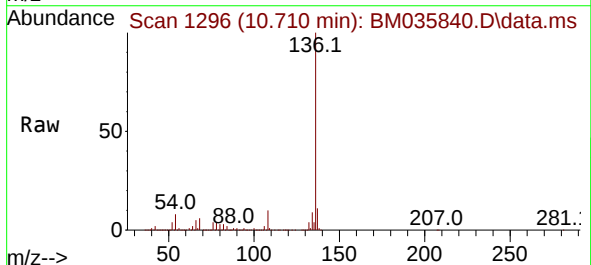
Instrument :
BNA_M
ClientSampleId :
SW-5-FILT

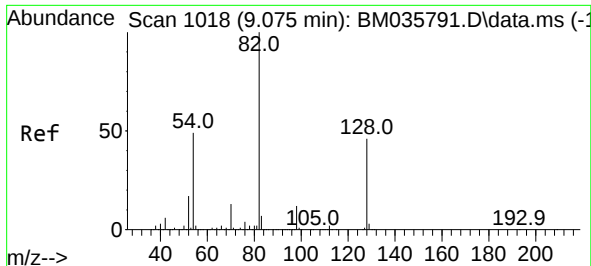
Tgt Ion: 99 Resp: 829043
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 31.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

Tgt Ion: 136 Resp: 1541713
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.8 7.0 10.4
68 6.0 4.3 6.5

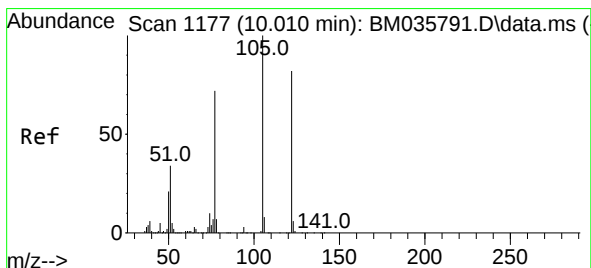
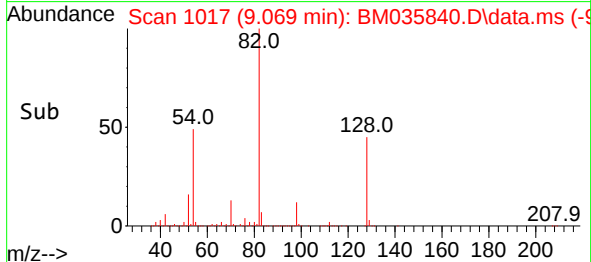
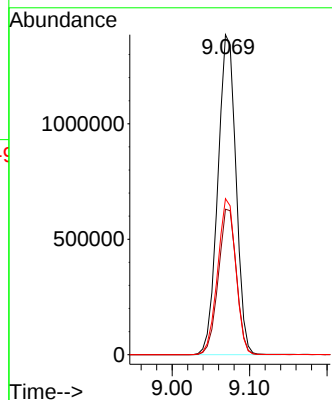
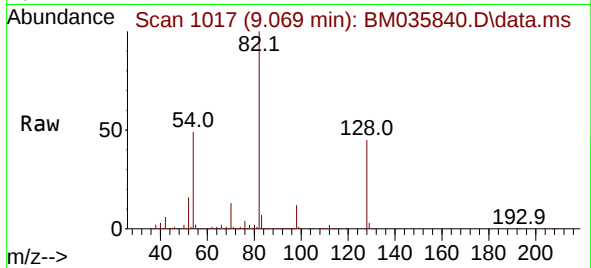




#23
Nitrobenzene-d5
Concen: 83.515 ng
RT: 9.069 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

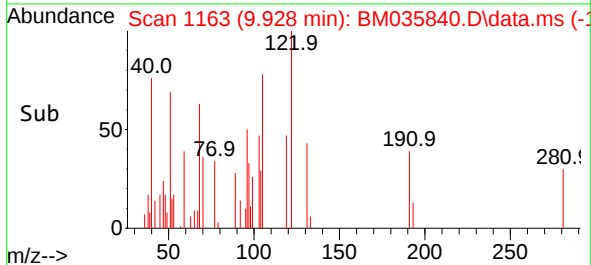
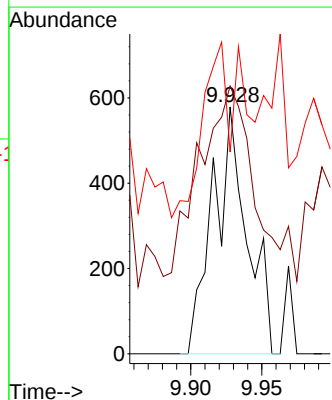
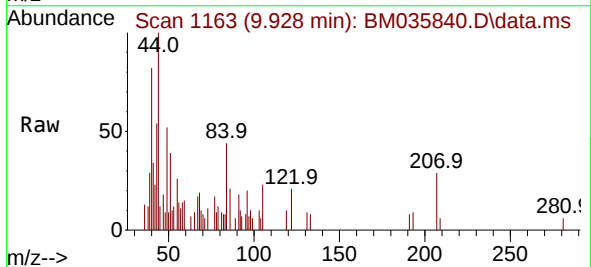
Instrument :
BNA_M
ClientSampleId :
SW-5-FILT

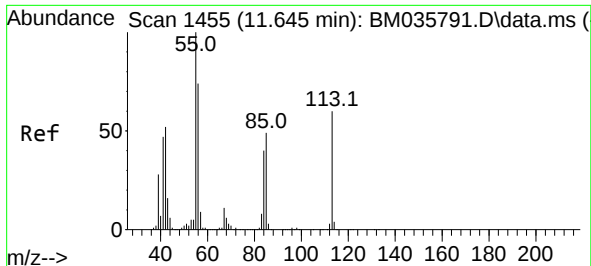
Tgt Ion: 82 Resp: 2252271
Ion Ratio Lower Upper
82 100
128 45.5 33.7 50.5
54 48.7 43.2 64.8



#32
Benzoic acid
Concen: 8.100 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.082 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

Tgt Ion:122 Resp: 961
Ion Ratio Lower Upper
122 100
105 108.5 105.7 145.7
77 81.7 80.0 120.0

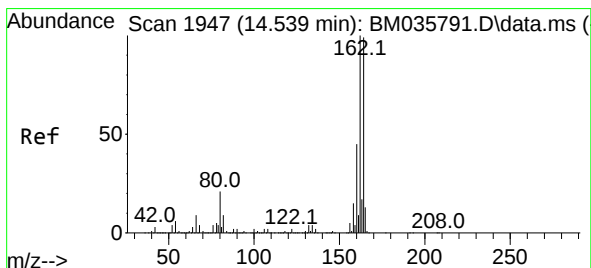
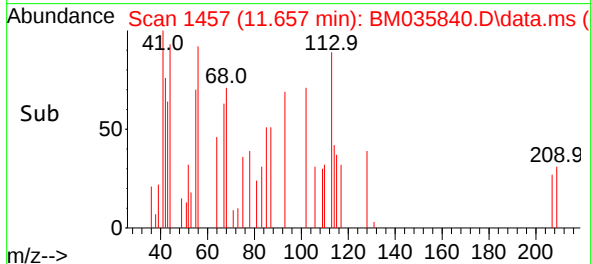
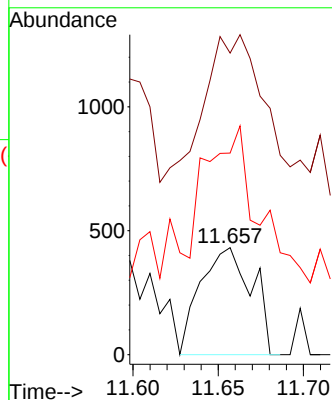
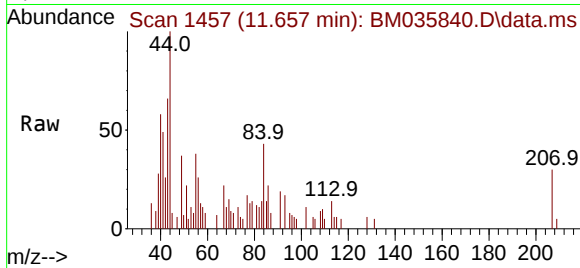




#35
 Caprolactam
 Concen: 5.230 ng
 RT: 11.657 min Scan# 1455
 Delta R.T. 0.012 min
 Lab File: BM035840.D
 Acq: 15 Jul 2022 21:15

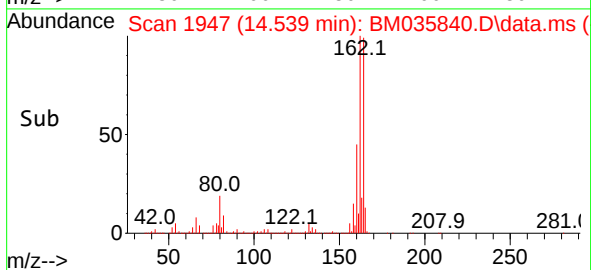
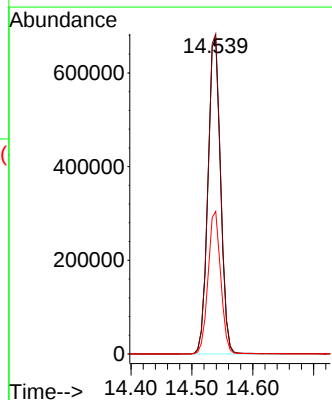
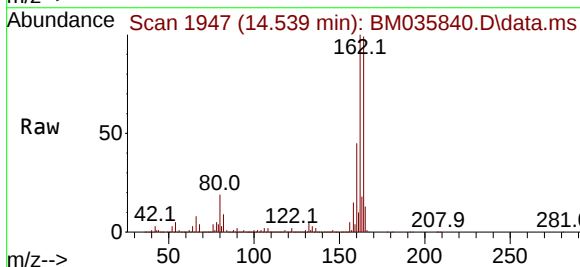
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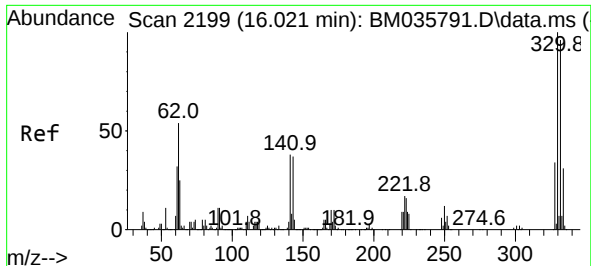
Tgt Ion:113 Resp: 909
 Ion Ratio Lower Upper
 113 100
 55 281.7 150.1 190.1#
 56 188.2 111.7 151.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.539 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: BM035840.D
 Acq: 15 Jul 2022 21:15

Tgt Ion:164 Resp: 973188
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.0 124.6
 160 45.2 37.0 55.4

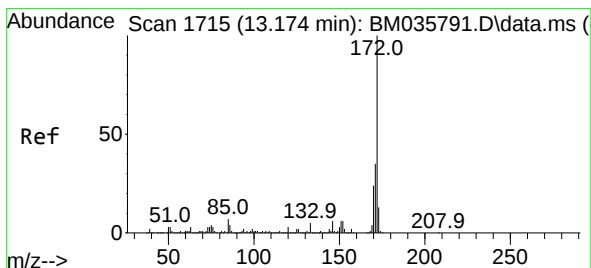
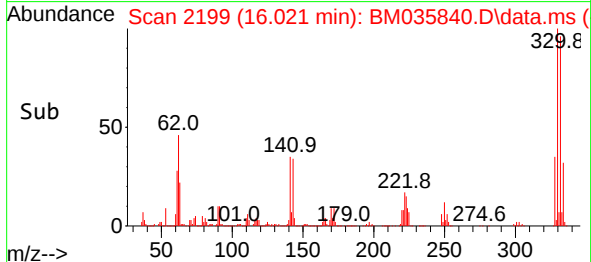
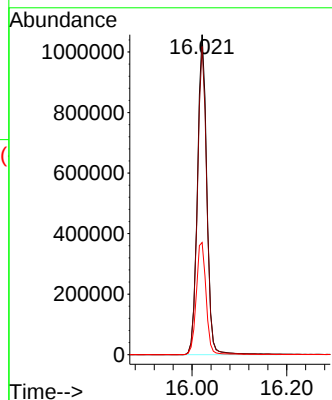
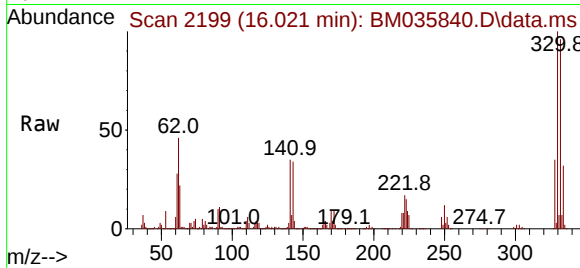




#42
2,4,6-Tribromophenol
Concen: 147.079 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

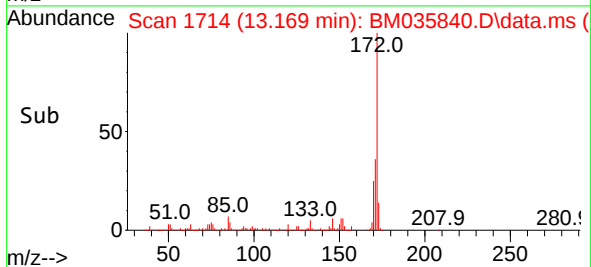
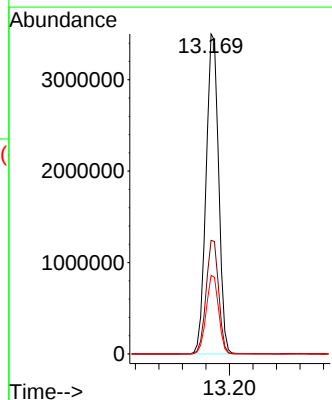
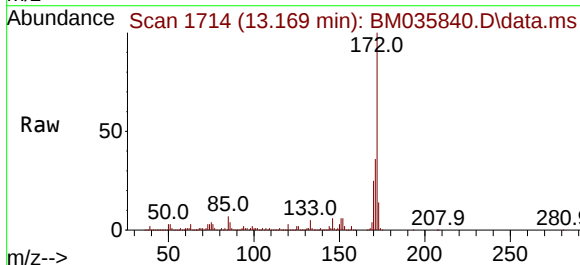
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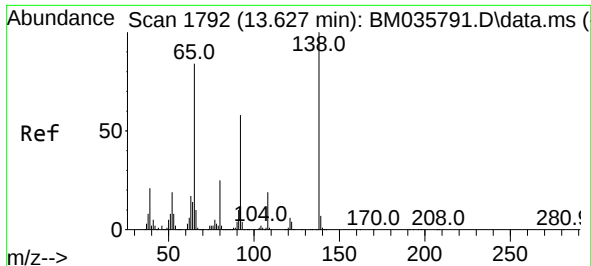
Tgt Ion:330 Resp: 1453553
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 36.7 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 74.269 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

Tgt Ion:172 Resp: 5182658
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.5 18.7 28.1

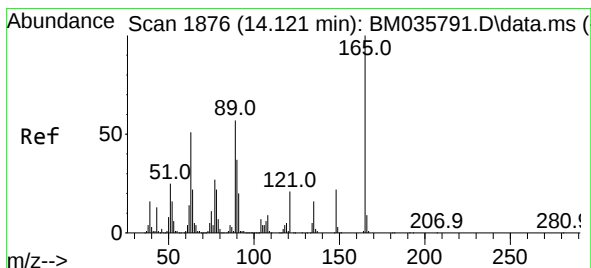
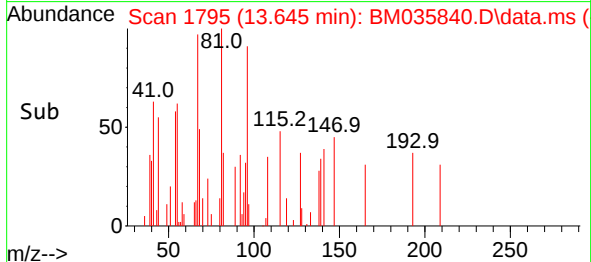
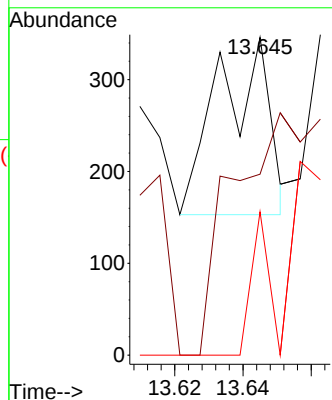
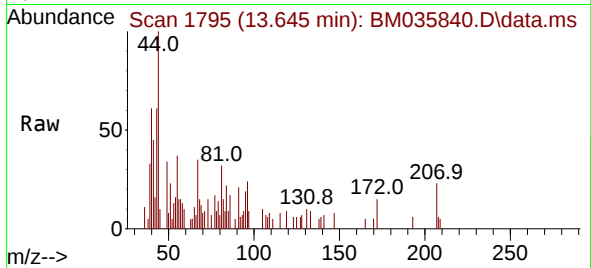




#48
2-Nitroaniline
Concen: 3.609 ng
RT: 13.645 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

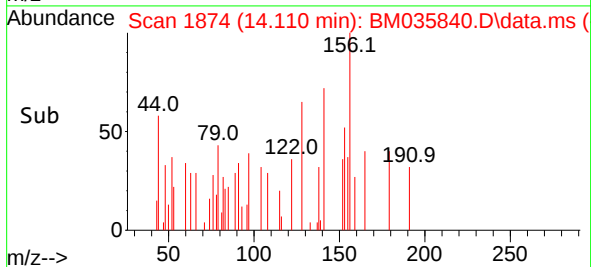
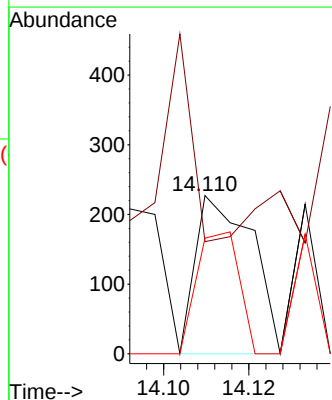
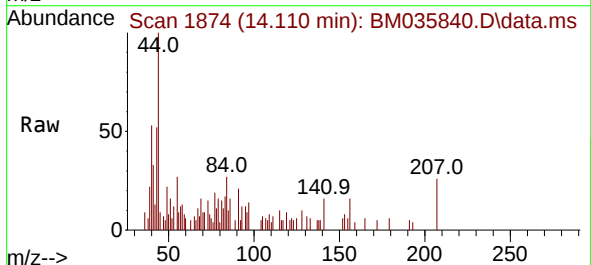
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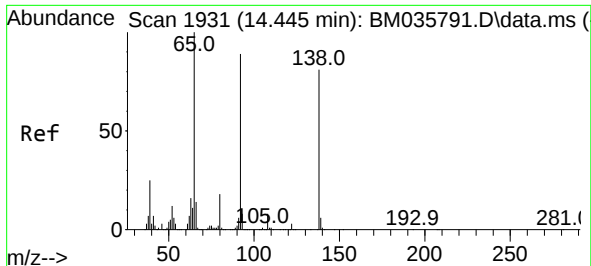
Tgt Ion: 65 Resp: 200
Ion Ratio Lower Upper
65 100
92 56.9 53.7 80.5
138 45.1 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.310 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.011 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

Tgt Ion: 165 Resp: 209
Ion Ratio Lower Upper
165 100
63 70.9 50.2 75.2
89 73.1 48.4 72.6#

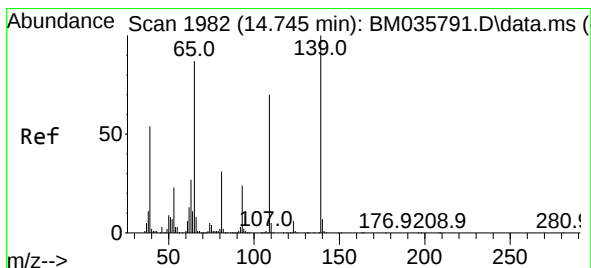
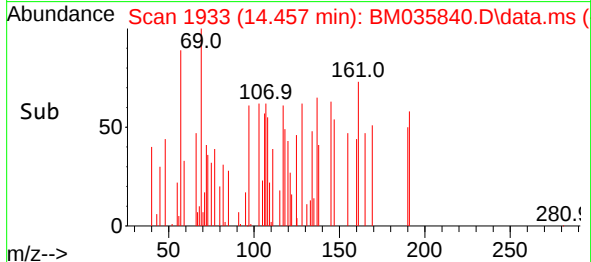
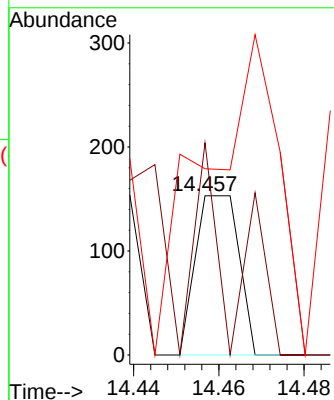
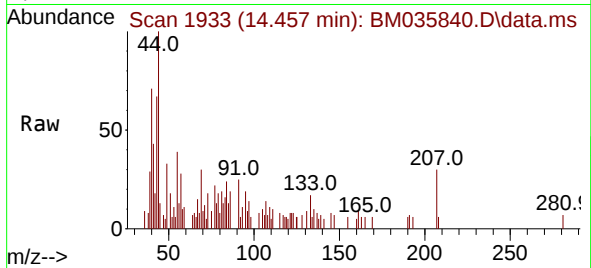




#53
3-Nitroaniline
Concen: 2.675 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.012 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

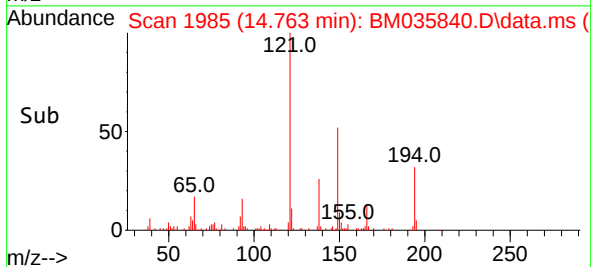
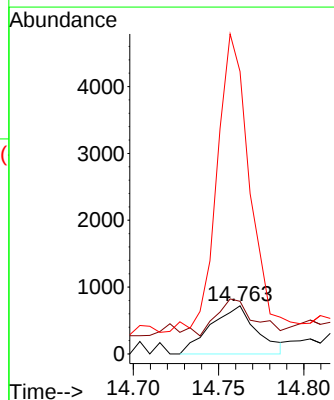
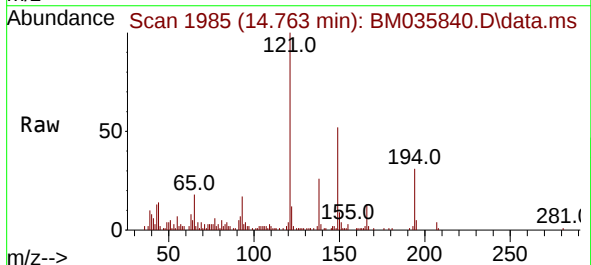
Instrument :
BNA_M
ClientSampleId :
SW-5-FILT

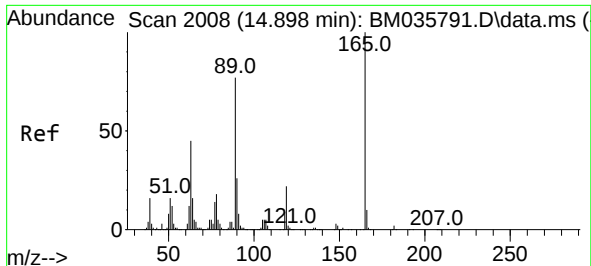
Tgt Ion:138 Resp: 108
Ion Ratio Lower Upper
138 100
108 133.3 8.7 13.1#
92 117.0 91.5 137.3



#56
4-Nitrophenol
Concen: 4.151 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.018 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

Tgt Ion:139 Resp: 1351
Ion Ratio Lower Upper
139 100
109 109.3 62.5 102.5#
65 586.8 83.5 123.5#

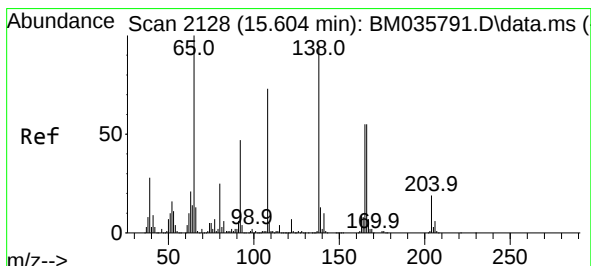
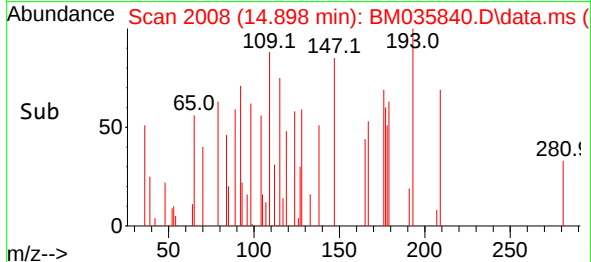
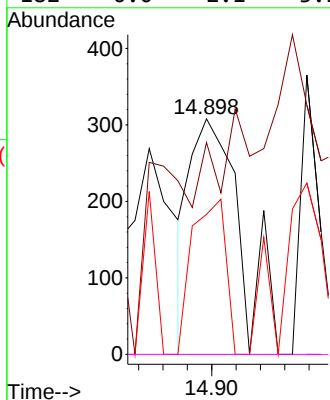
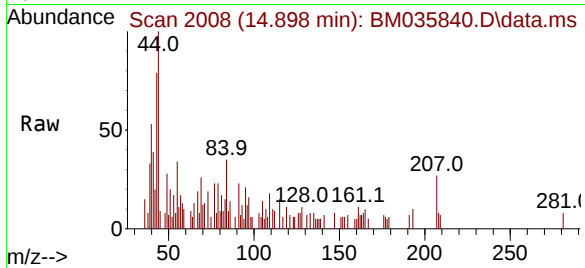




#57
2,4-Dinitrotoluene
Concen: 3.360 ng
RT: 14.898 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

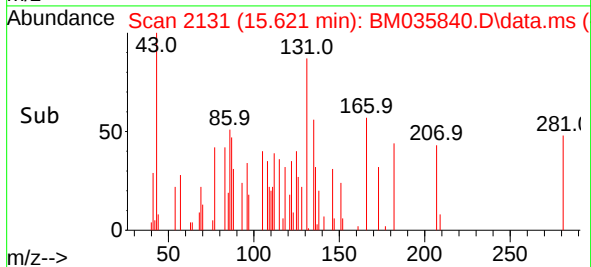
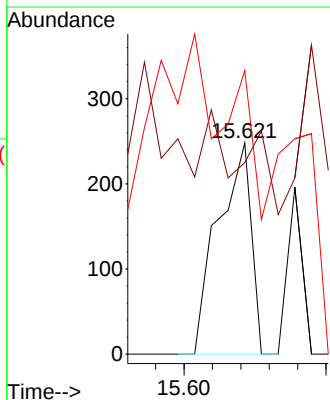
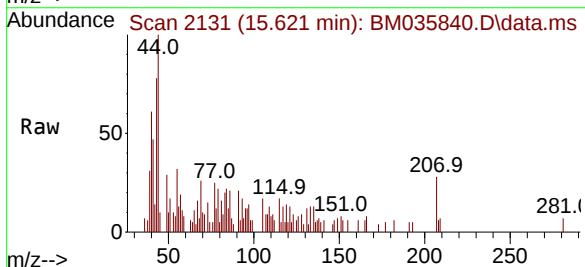
Instrument :
BNA_M
ClientSampleId :
SW-5-FILT

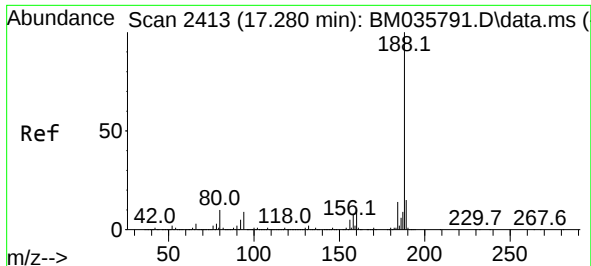
Tgt Ion:165 Resp: 447
Ion Ratio Lower Upper
165 100
63 89.9 35.6 53.4#
89 59.4 57.3 85.9
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 2.811 ng
RT: 15.621 min Scan# 2131
Delta R.T. 0.017 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

Tgt Ion:138 Resp: 201
Ion Ratio Lower Upper
138 100
92 90.7 30.8 70.8#
108 134.3 65.7 105.7#

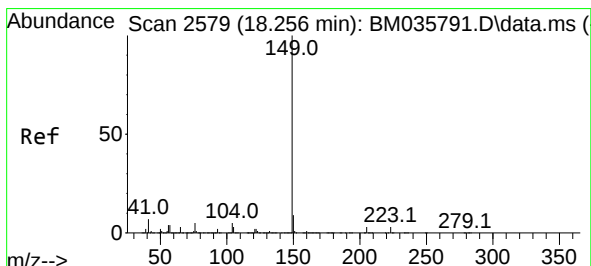
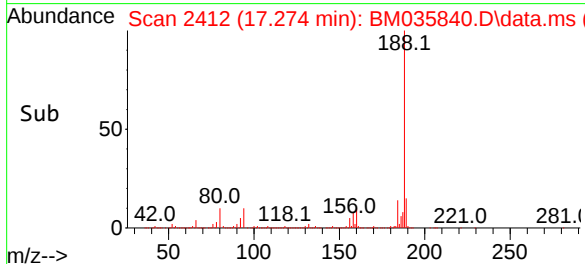
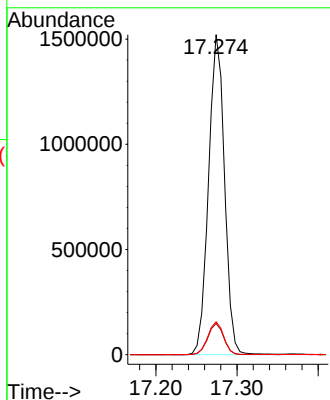
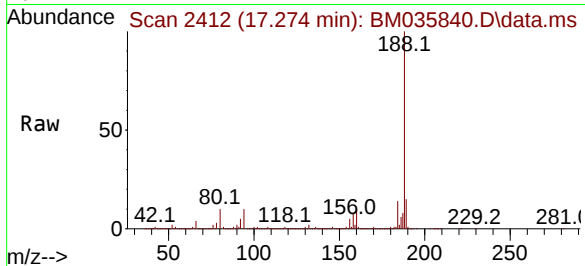




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

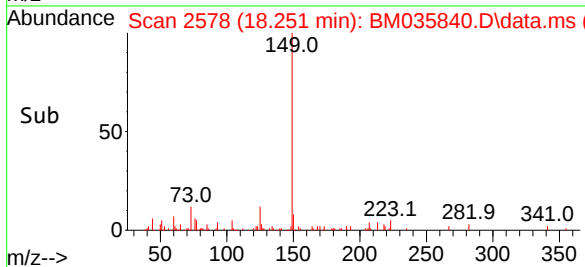
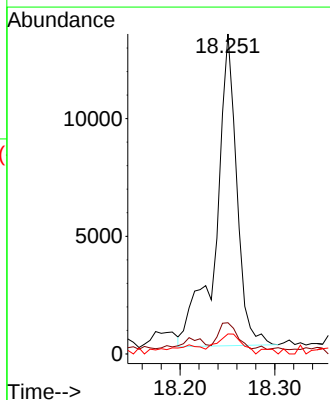
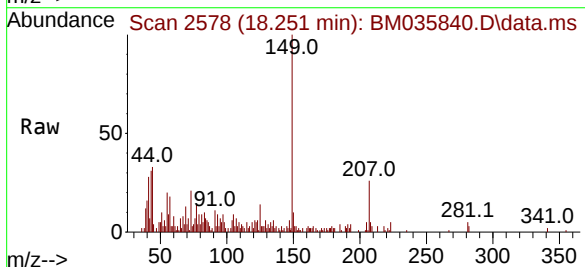
Instrument :
BNA_M
ClientSampleId :
SW-5-FILT

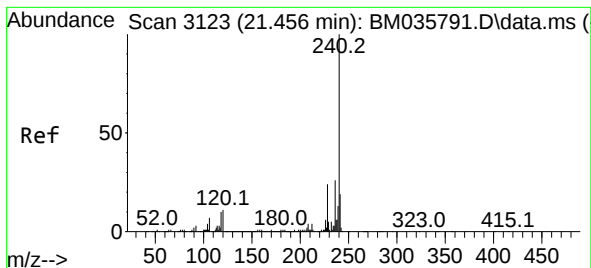
Tgt Ion:188 Resp: 2074325
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.3 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.434 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

Tgt Ion:149 Resp: 20266
Ion Ratio Lower Upper
149 100
150 9.8 7.3 10.9
104 6.3 4.3 6.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM035840.D

Acq: 15 Jul 2022 21:15

Instrument :

BNA_M

ClientSampleId :

SW-5-FILT

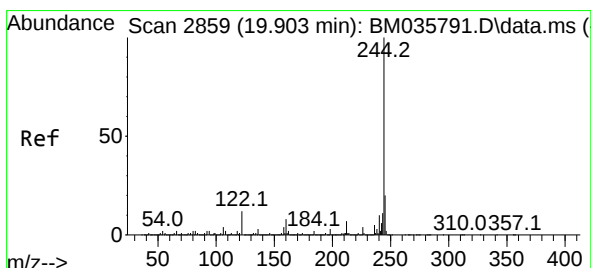
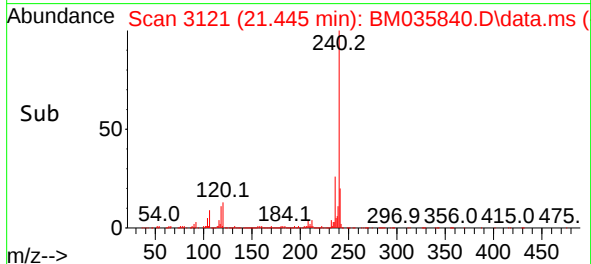
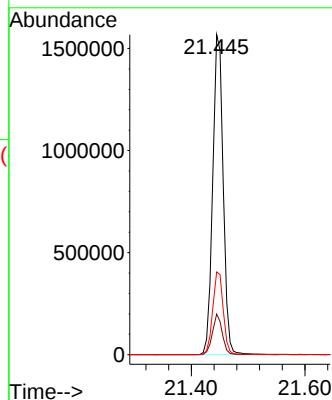
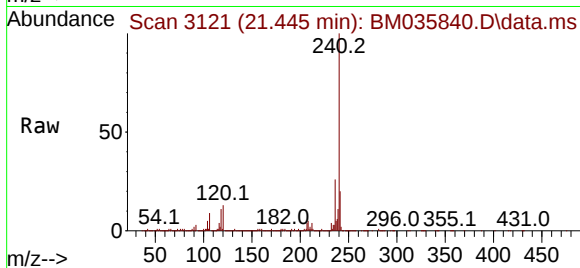
Tgt Ion:240 Resp: 1995860

Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.0

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 59.537 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.005 min

Lab File: BM035840.D

Acq: 15 Jul 2022 21:15

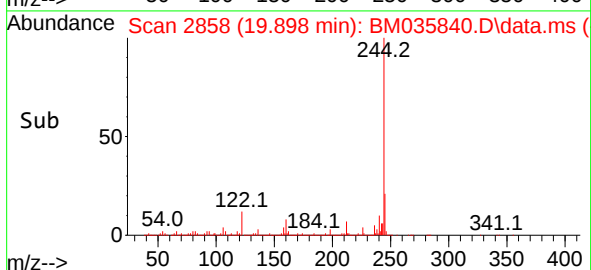
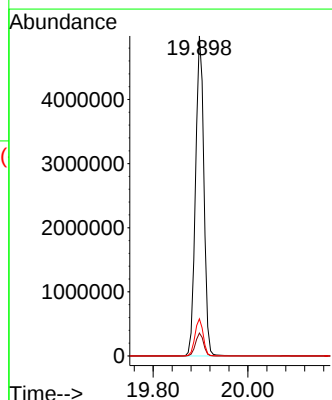
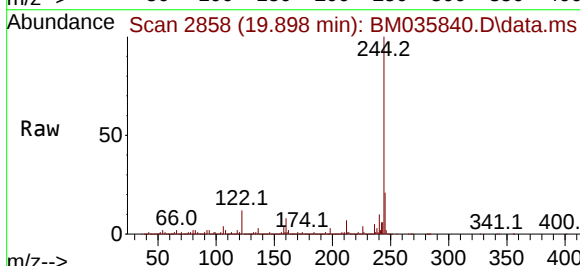
Tgt Ion:244 Resp: 6121352

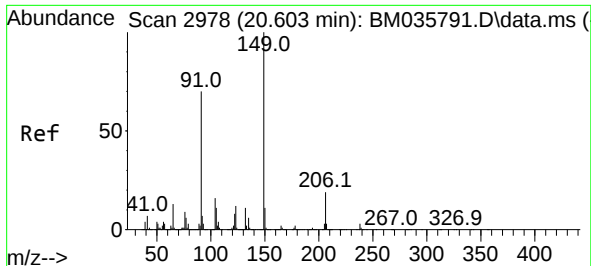
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 11.6 8.3 12.5

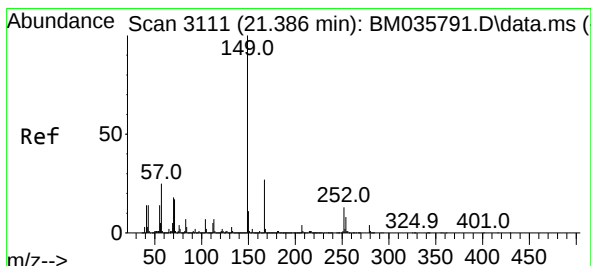
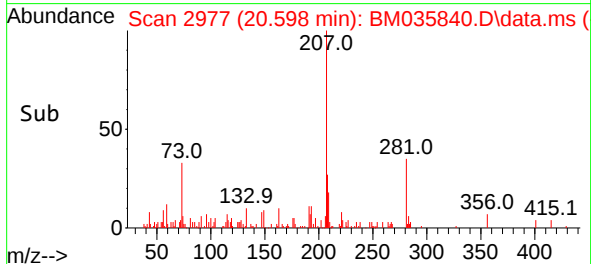
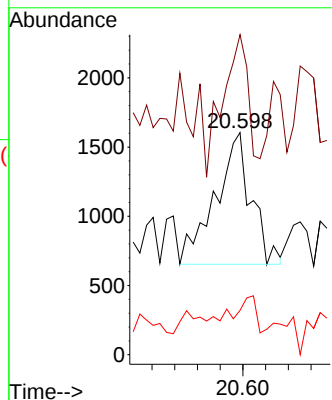
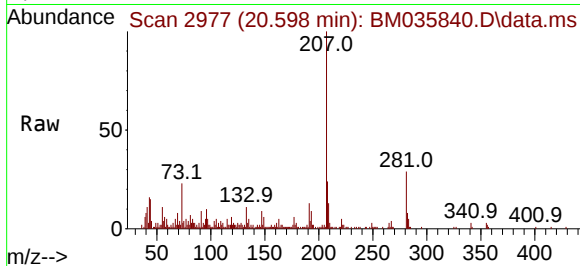




#80
Butylbenzylphthalate
Concen: 4.203 ng
RT: 20.598 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

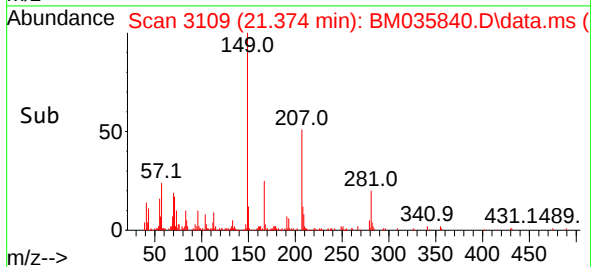
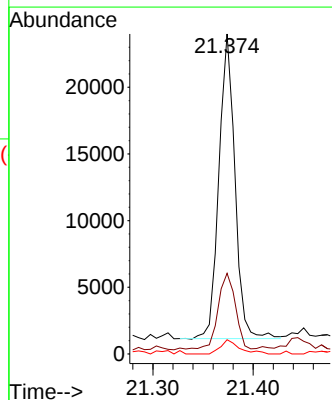
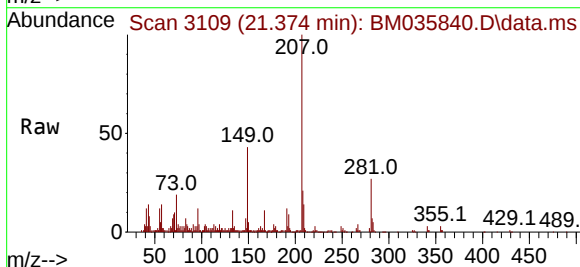
Instrument :
BNA_M
ClientSampleId :
SW-5-FILT

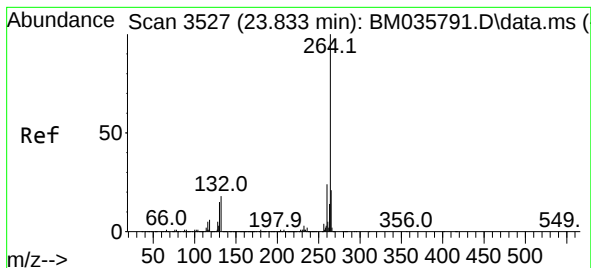
Tgt Ion:149 Resp: 2076
Ion Ratio Lower Upper
149 100
91 144.0 56.6 85.0#
206 20.0 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.587 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035840.D
Acq: 15 Jul 2022 21:15

Tgt Ion:149 Resp: 25284
Ion Ratio Lower Upper
149 100
167 25.2 21.1 31.7
279 4.4 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: BM035840.D

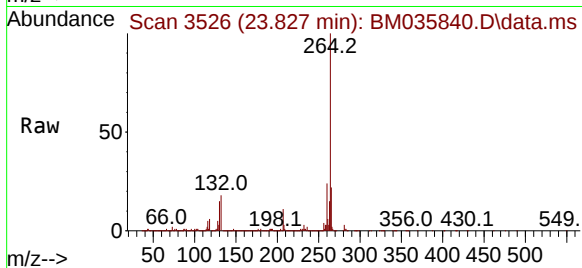
Acq: 15 Jul 2022 21:15

Instrument :

BNA_M

ClientSampleId :

SW-5-FILT



Tgt Ion:264 Resp: 1764092

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.0 17.5 26.3

