

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035841.D
 Acq On : 15 Jul 2022 21:51
 Operator : CG/JU
 Sample : N3651-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-3-FILT

Quant Time: Jul 15 23:48:37 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)

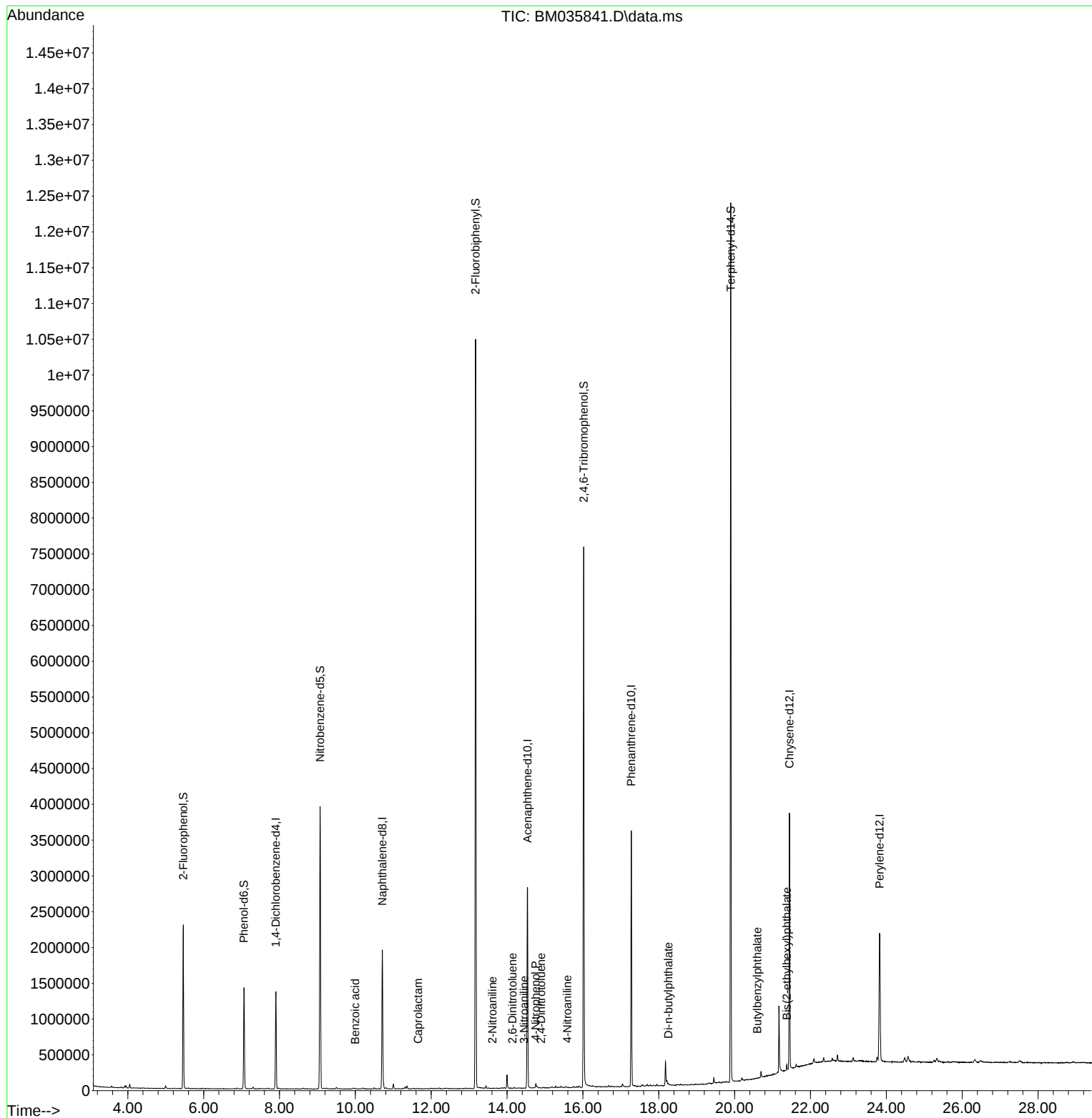
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	354190	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1561809	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	972466	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1995862	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1596484	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1341661	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	991213	45.456	ng	0.00
7) Phenol-d6	7.063	99	771967	28.302	ng	0.00
23) Nitrobenzene-d5	9.069	82	2197070	80.420	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1390817	140.835	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	5084442	72.916	ng	0.00
79) Terphenyl-d14	19.898	244	5553798	67.530	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.992	122	373	8.060	ng	# 35
35) Caprolactam	11.657	113	597	5.183	ng	# 33
48) 2-Nitroaniline	13.616	65	163	3.606	ng	# 5
51) 2,6-Dinitrotoluene	14.139	165	175	2.308	ng	# 1
53) 3-Nitroaniline	14.451	138	84	2.674	ng	# 65
56) 4-Nitrophenol	14.751	139	1204	4.140	ng	# 1
57) 2,4-Dinitrotoluene	14.898	165	470	3.361	ng	# 27
62) 4-Nitroaniline	15.592	138	170	2.810	ng	# 57
74) Di-n-butylphthalate	18.251	149	13069	2.378	ng	# 92
80) Butylbenzylphthalate	20.598	149	567	4.175	ng	# 56
84) Bis(2-ethylhexyl)phtha...	21.374	149	25124	3.673	ng	97

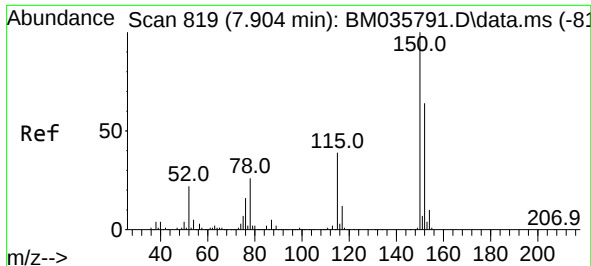
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
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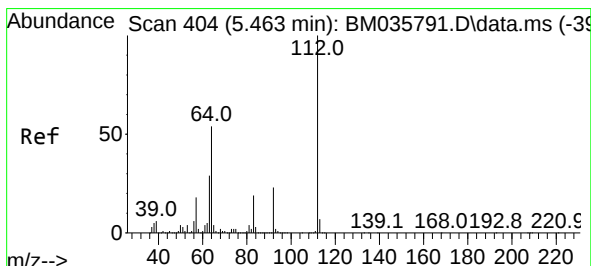
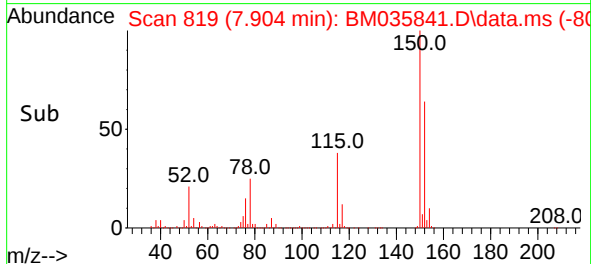
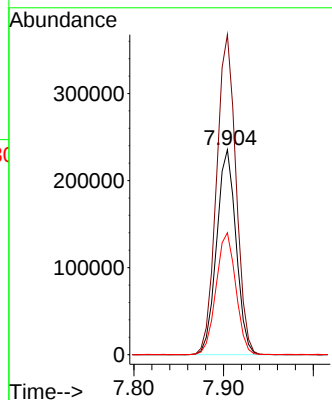
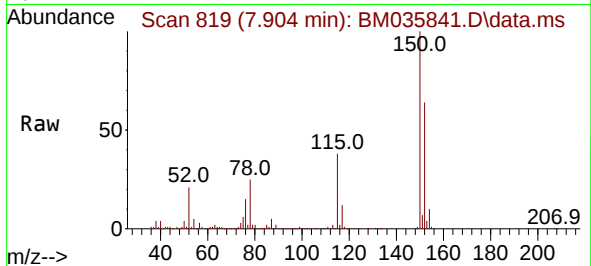




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

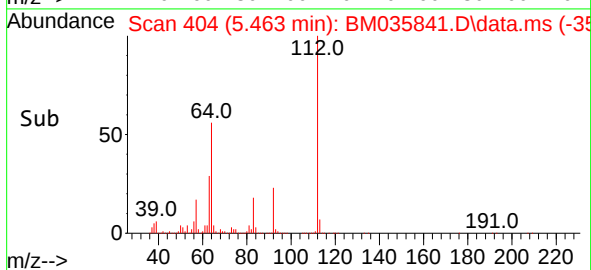
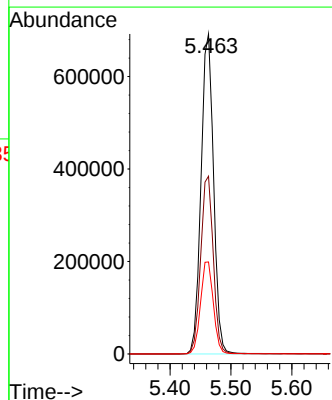
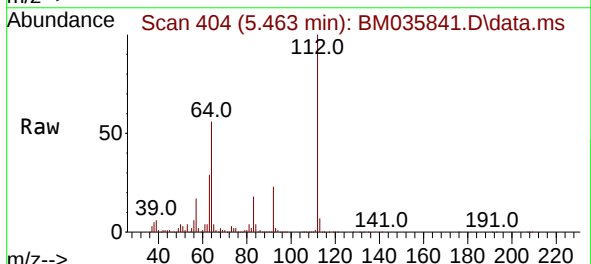
Instrument :
BNA_M
ClientSampleId :
SW-3-FILT

Tgt Ion:152 Resp: 354190
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 45.456 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion:112 Resp: 991213
Ion Ratio Lower Upper
112 100
64 55.6 47.8 71.6
63 28.7 26.6 40.0

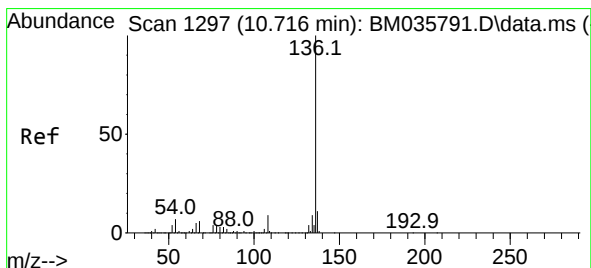
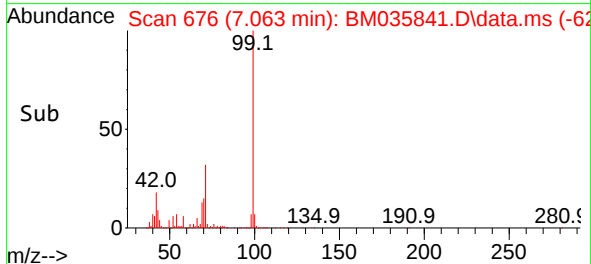
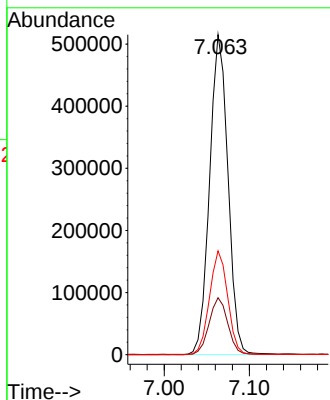
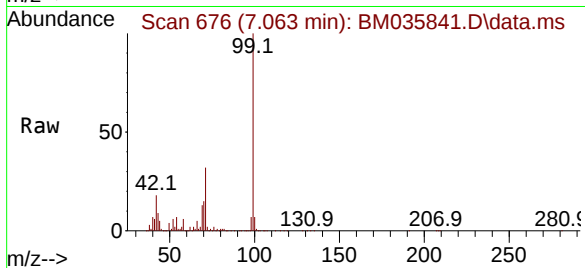




#7
Phenol-d6
Concen: 28.302 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

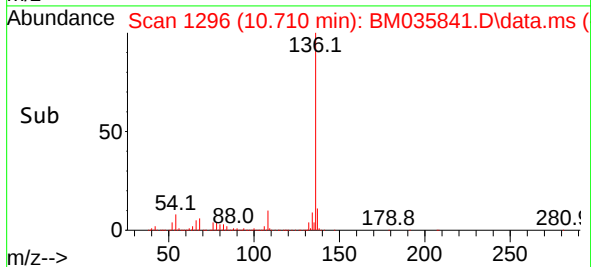
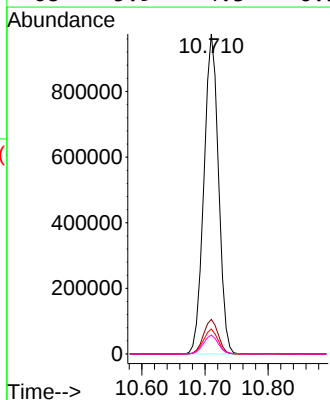
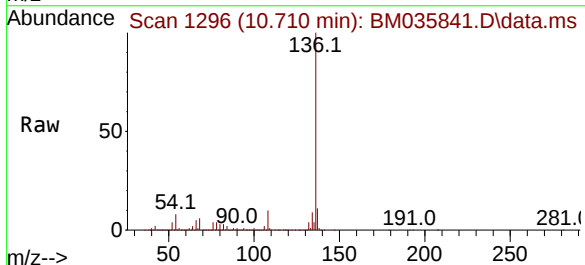
Instrument :
BNA_M
ClientSampleId :
SW-3-FILT

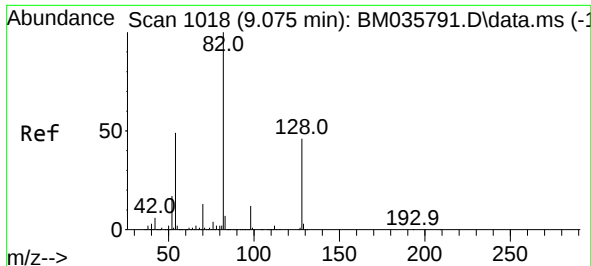
Tgt Ion: 99 Resp: 771967
Ion Ratio Lower Upper
99 100
42 17.8 18.8 28.2#
71 32.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion: 136 Resp: 1561809
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.8 7.0 10.4
68 5.9 4.3 6.5

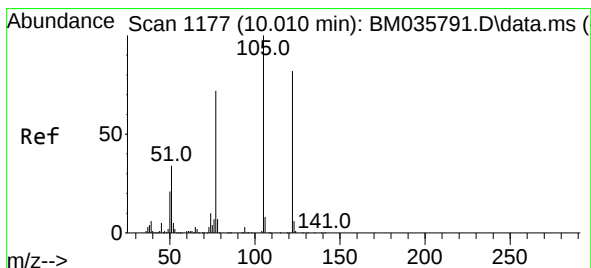
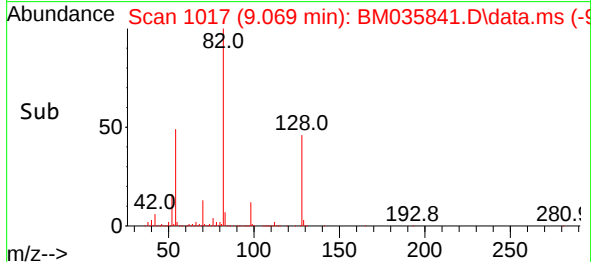
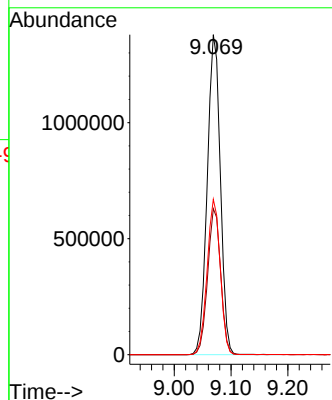
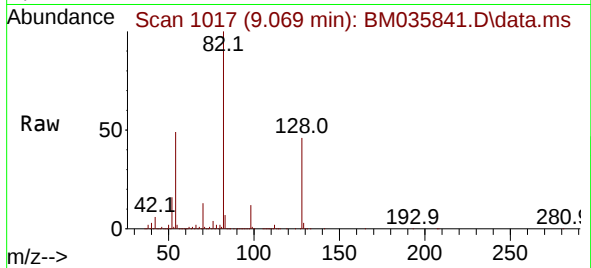




#23
Nitrobenzene-d5
Concen: 80.420 ng
RT: 9.069 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

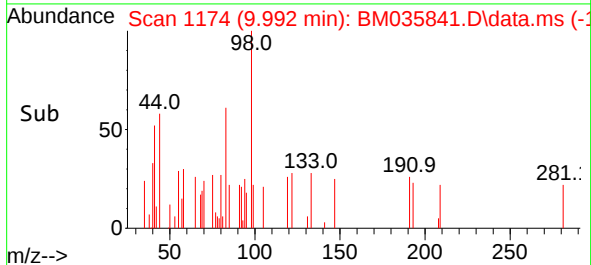
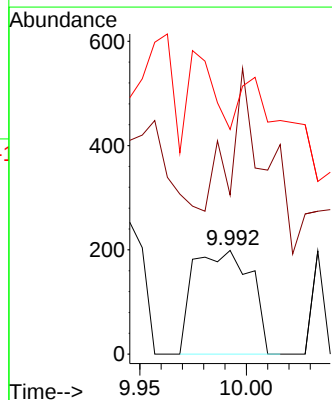
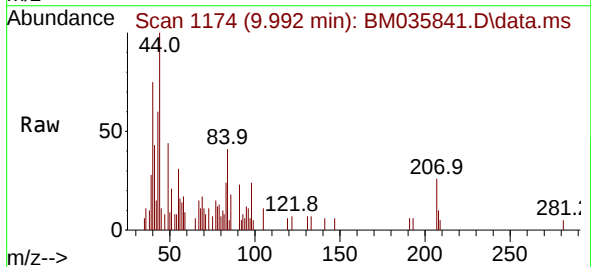
Instrument :
BNA_M
ClientSampleId :
SW-3-FILT

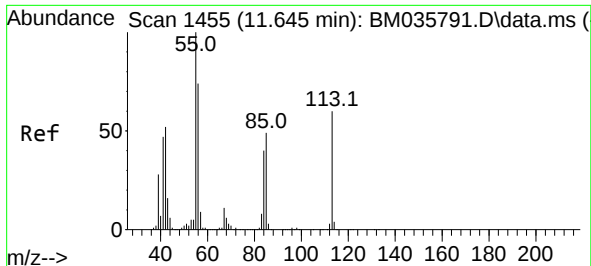
Tgt Ion: 82 Resp: 2197070
Ion Ratio Lower Upper
82 100
128 45.6 33.7 50.5
54 48.6 43.2 64.8



#32
Benzoic acid
Concen: 8.060 ng
RT: 9.992 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion:122 Resp: 373
Ion Ratio Lower Upper
122 100
105 153.3 105.7 145.7#
77 216.6 80.0 120.0#

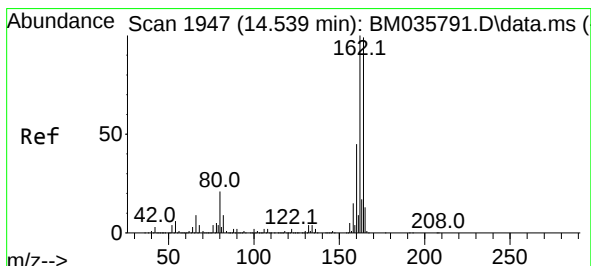
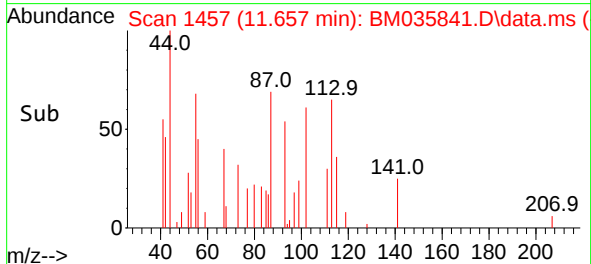
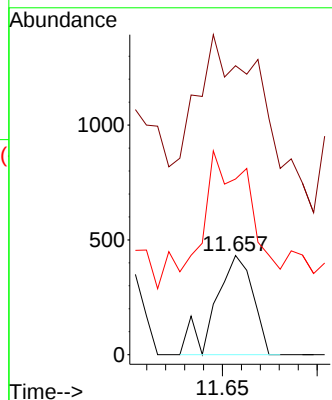
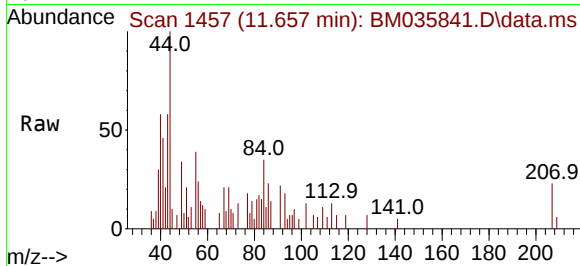




#35
 Caprolactam
 Concen: 5.183 ng
 RT: 11.657 min Scan# 1455
 Delta R.T. 0.012 min
 Lab File: BM035841.D
 Acq: 15 Jul 2022 21:51

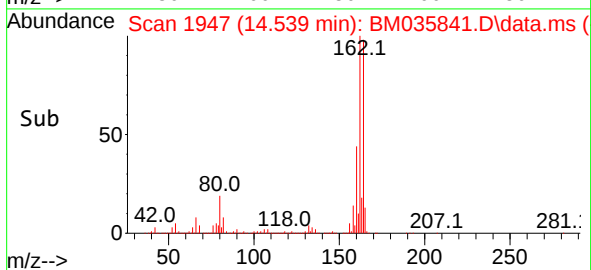
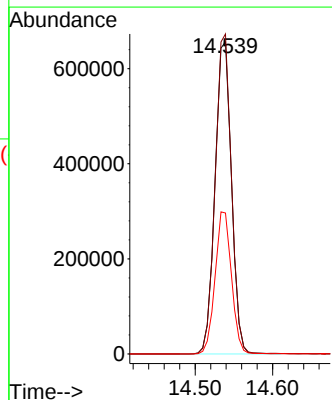
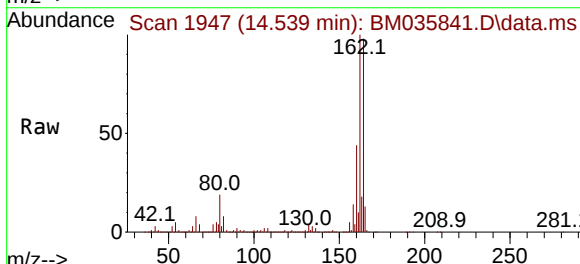
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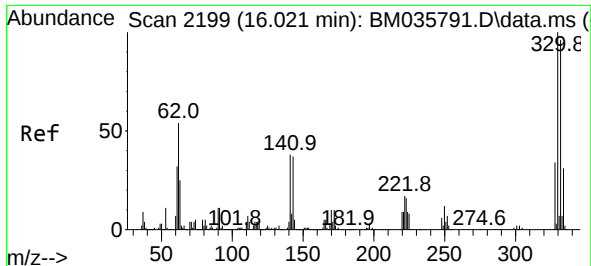
Tgt Ion:113 Resp: 597
 Ion Ratio Lower Upper
 113 100
 55 291.4 150.1 190.1#
 56 177.1 111.7 151.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.539 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: BM035841.D
 Acq: 15 Jul 2022 21:51

Tgt Ion:164 Resp: 972466
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.0 124.6
 160 45.2 37.0 55.4

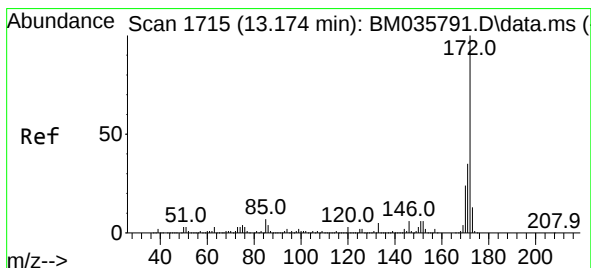
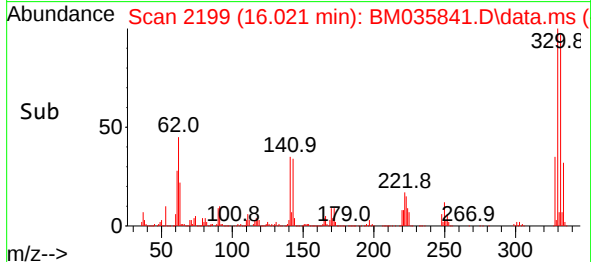
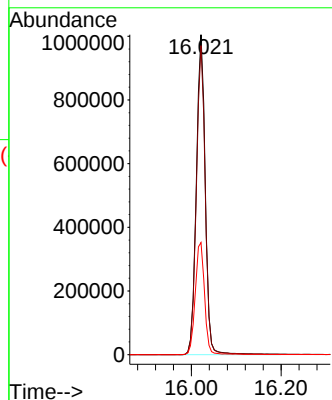
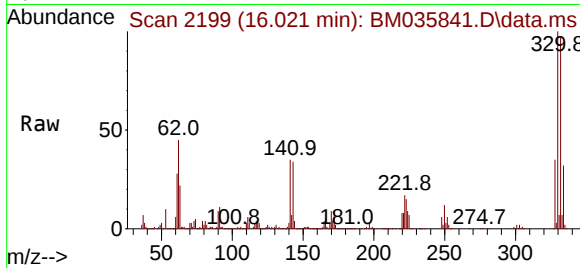




#42
2,4,6-Tribromophenol
Concen: 140.835 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

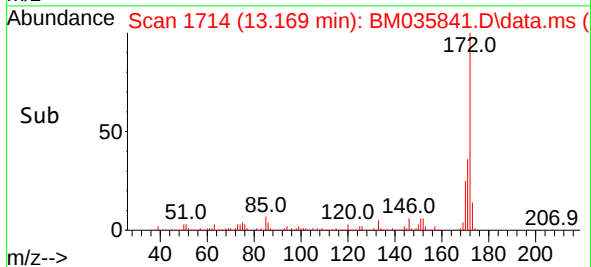
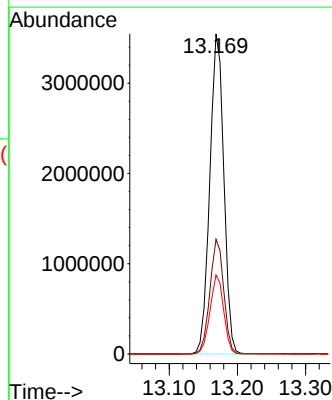
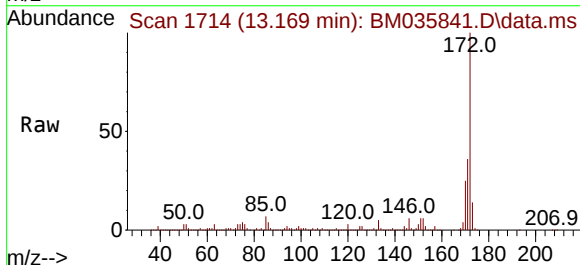
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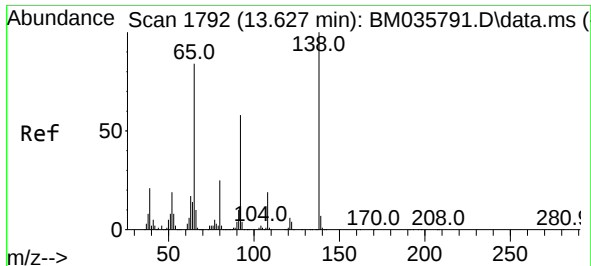
Tgt Ion:330 Resp: 1390817
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 36.7 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 72.916 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion:172 Resp: 5084442
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.7 18.7 28.1

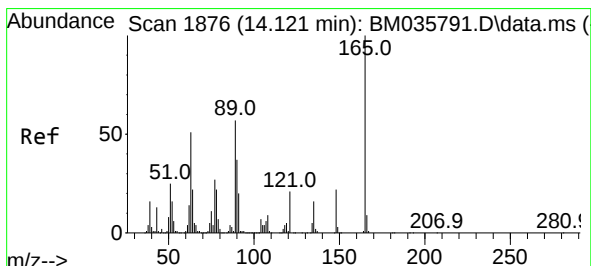
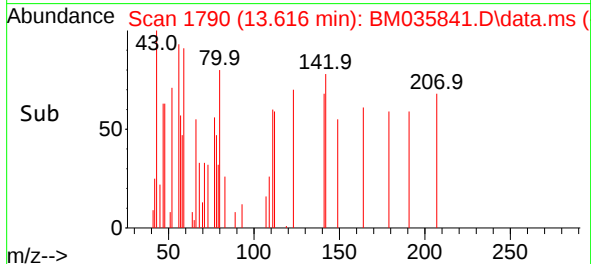
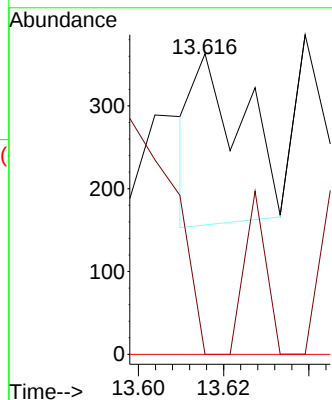
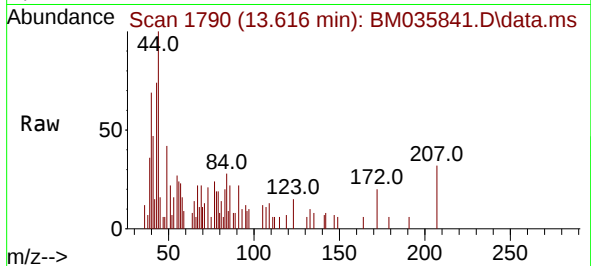




#48
2-Nitroaniline
Concen: 3.606 ng
RT: 13.616 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

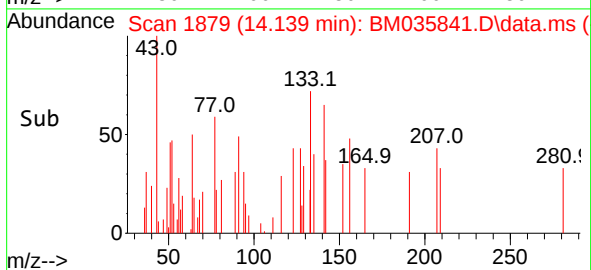
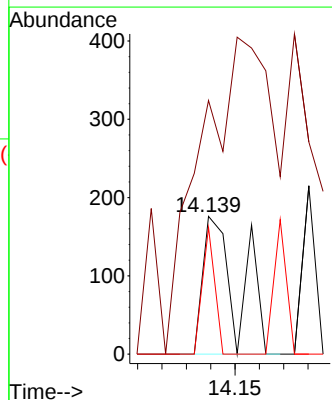
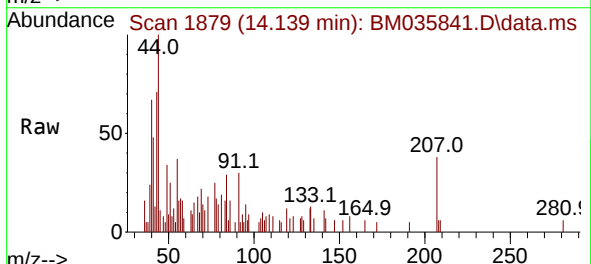
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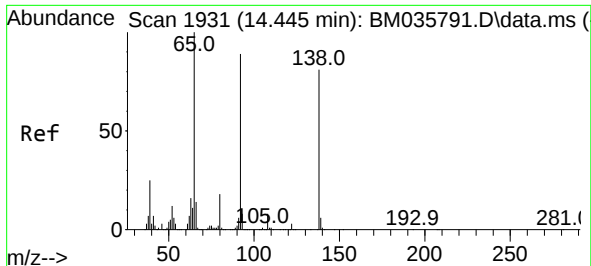
Tgt Ion: 65 Resp: 163
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.308 ng
RT: 14.139 min Scan# 1879
Delta R.T. 0.018 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion: 165 Resp: 175
Ion Ratio Lower Upper
165 100
63 184.1 50.2 75.2#
89 92.0 48.4 72.6#

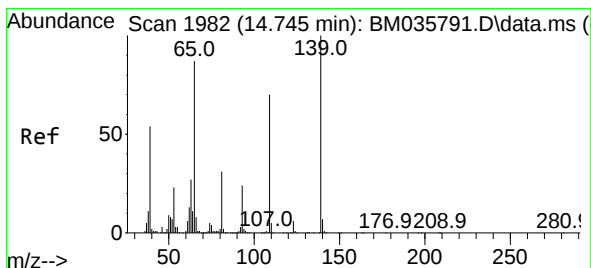
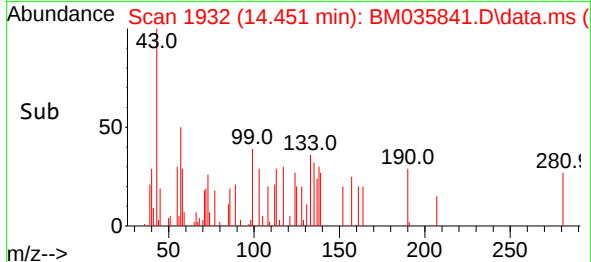
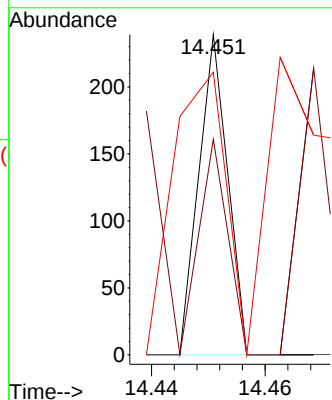
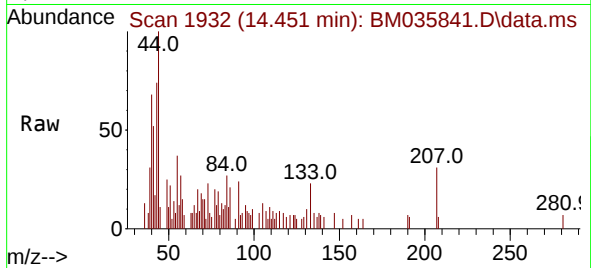




#53
3-Nitroaniline
Concen: 2.674 ng
RT: 14.451 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

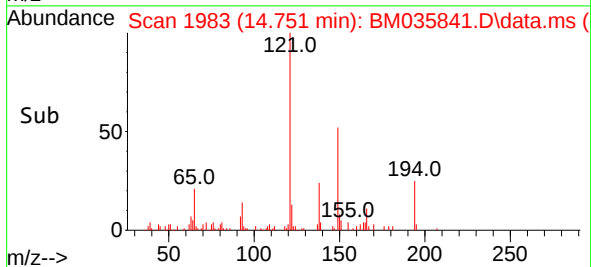
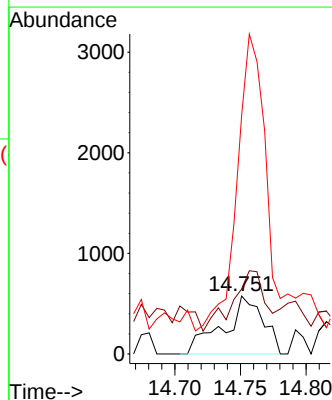
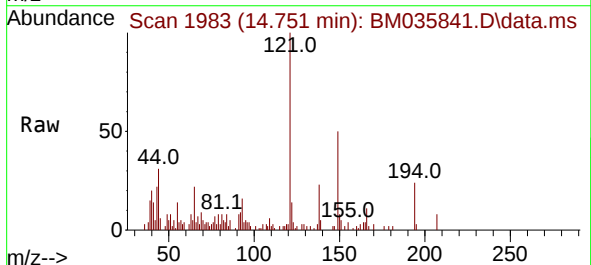
Instrument :
BNA_M
ClientSampleId :
SW-3-FILT

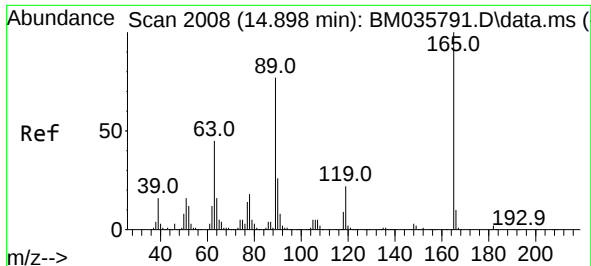
Tgt Ion:138 Resp: 84
Ion Ratio Lower Upper
138 100
108 67.4 8.7 13.1#
92 88.3 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.140 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion:139 Resp: 1204
Ion Ratio Lower Upper
139 100
109 112.2 62.5 102.5#
65 411.8 83.5 123.5#

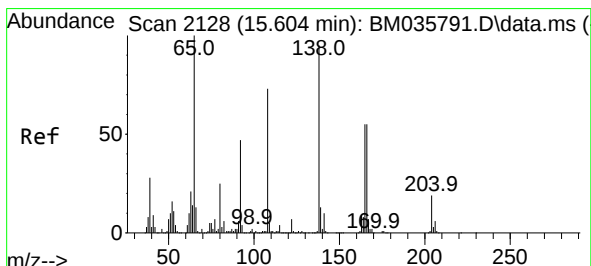
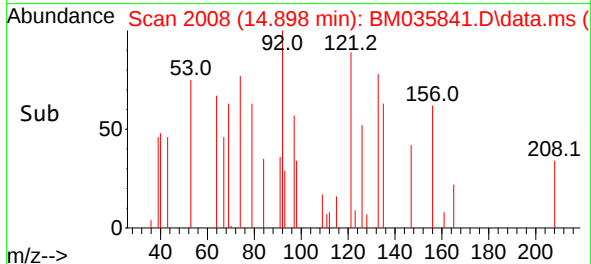
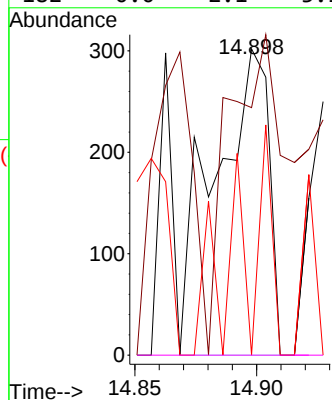
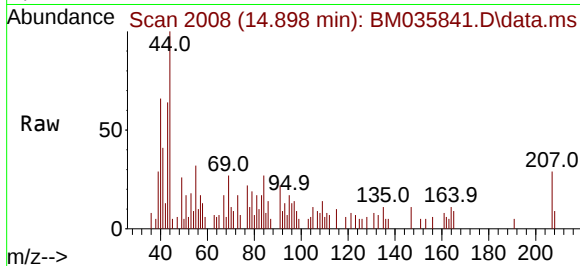




#57
2,4-Dinitrotoluene
Concen: 3.361 ng
RT: 14.898 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

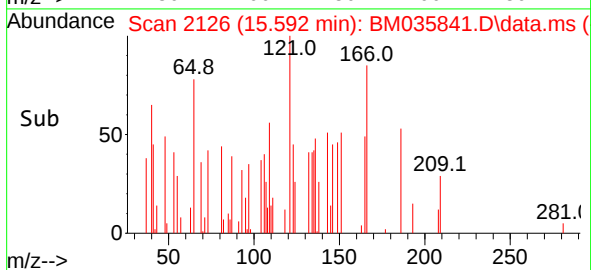
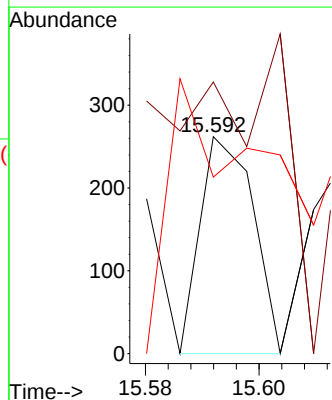
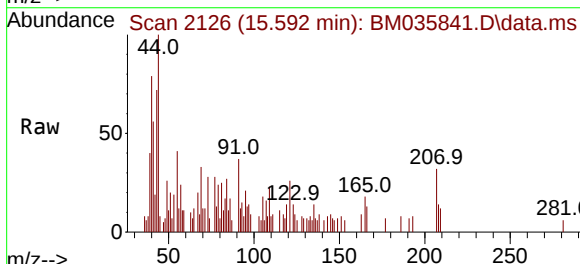
Instrument :
BNA_M
ClientSampleId :
SW-3-FILT

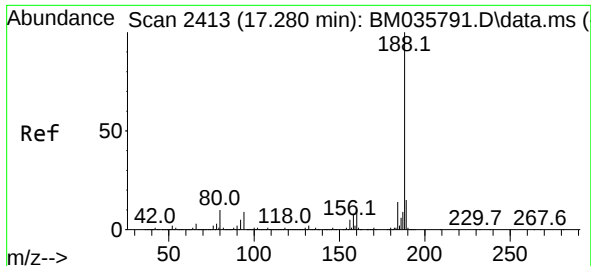
Tgt Ion:165 Resp: 470
Ion Ratio Lower Upper
165 100
63 80.8 35.6 53.4#
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 2.810 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion:138 Resp: 170
Ion Ratio Lower Upper
138 100
92 125.2 30.8 70.8#
108 81.3 65.7 105.7

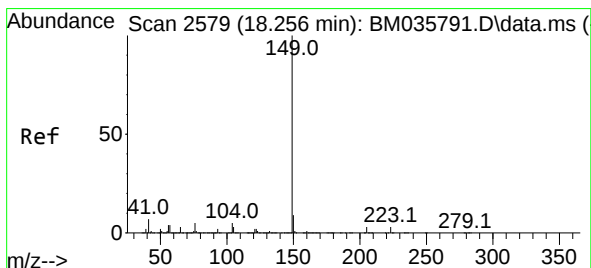
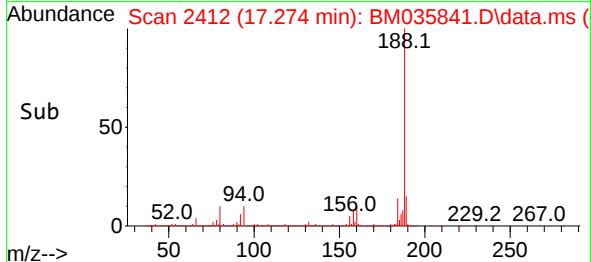
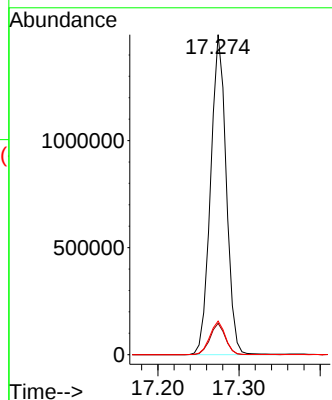
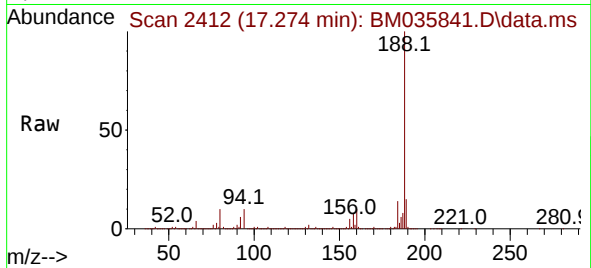




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

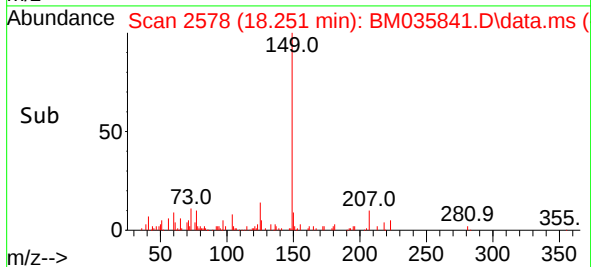
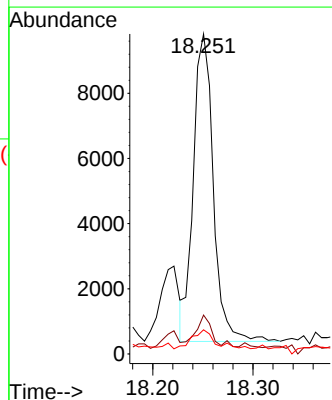
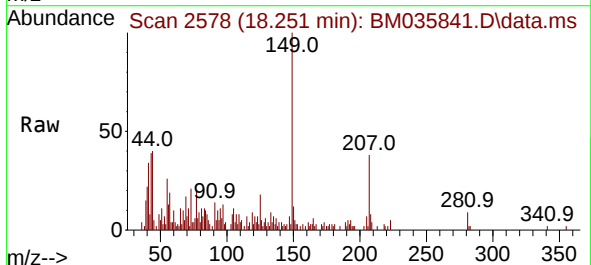
Instrument :
BNA_M
ClientSampleId :
SW-3-FILT

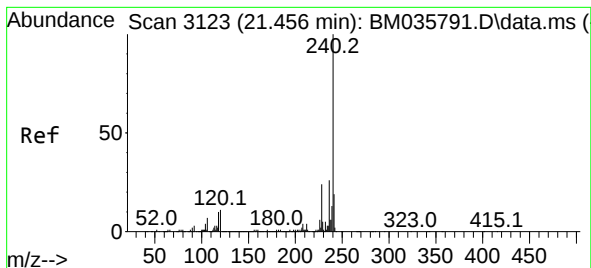
Tgt Ion:188 Resp: 1995862
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.5 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.378 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion:149 Resp: 13069
Ion Ratio Lower Upper
149 100
150 12.1 7.3 10.9#
104 7.5 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: BM035841.D

Acq: 15 Jul 2022 21:51

Instrument :

BNA_M

ClientSampleId :

SW-3-FILT

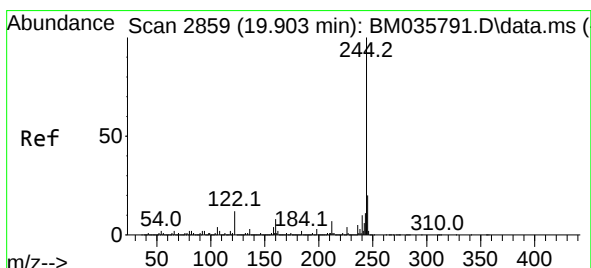
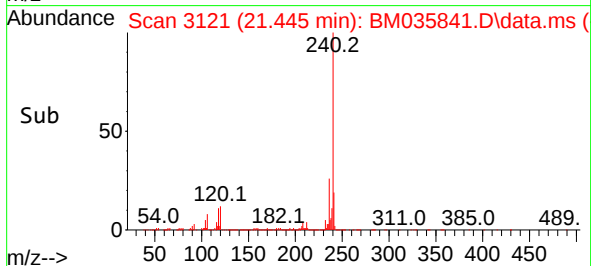
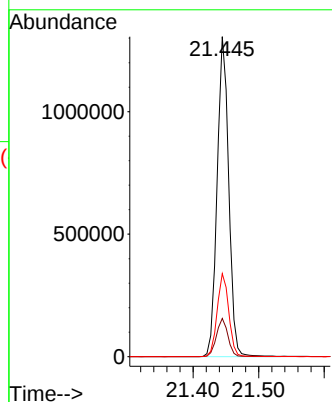
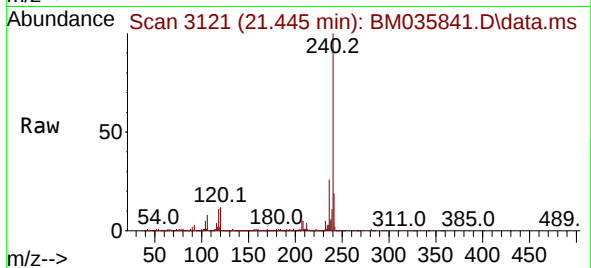
Tgt Ion:240 Resp: 1596484

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.0

236 25.9 20.6 30.8



#79

Terphenyl-d14

Concen: 67.530 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.005 min

Lab File: BM035841.D

Acq: 15 Jul 2022 21:51

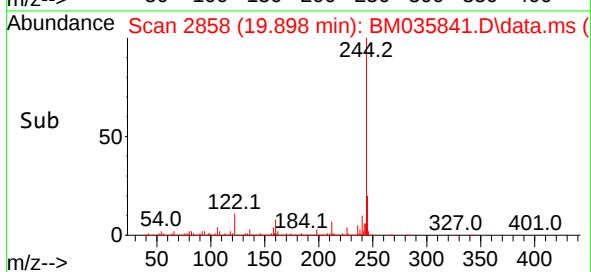
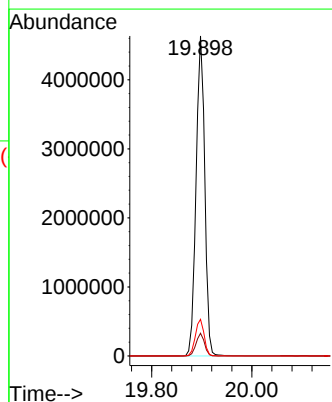
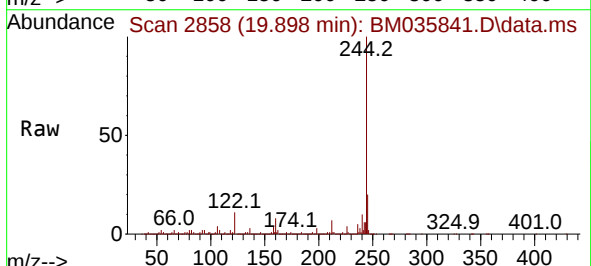
Tgt Ion:244 Resp: 5553798

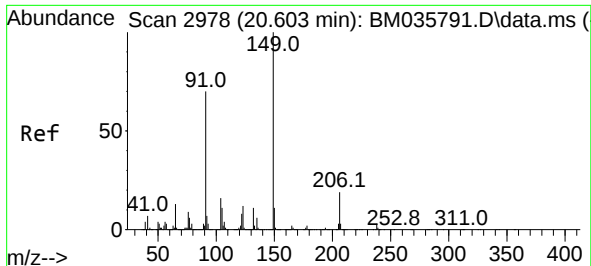
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 11.4 8.3 12.5

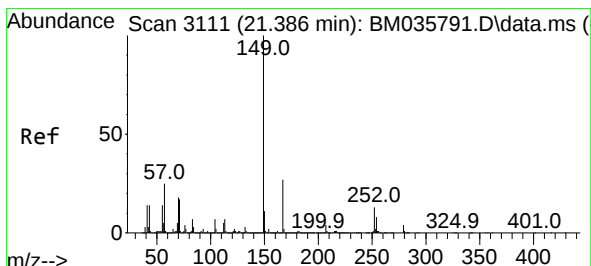
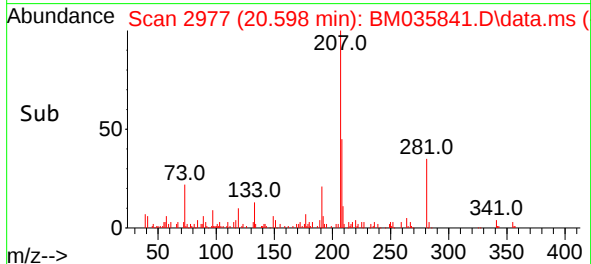
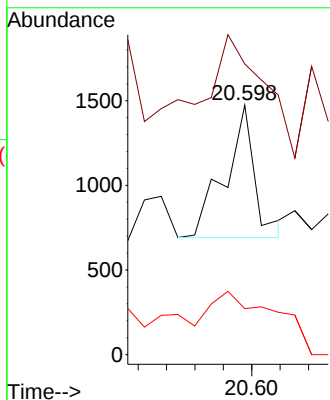
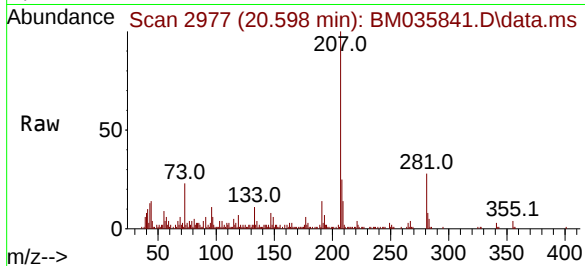




#80
Butylbenzylphthalate
Concen: 4.175 ng
RT: 20.598 min Scan# 2978
Delta R.T. -0.005 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

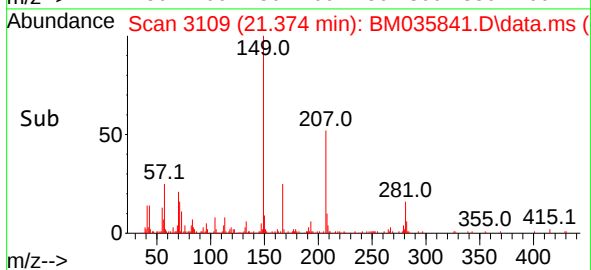
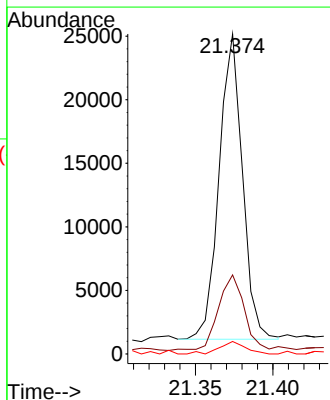
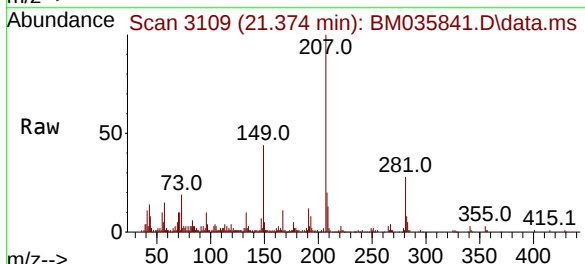
Instrument :
BNA_M
ClientSampleId :
SW-3-FILT

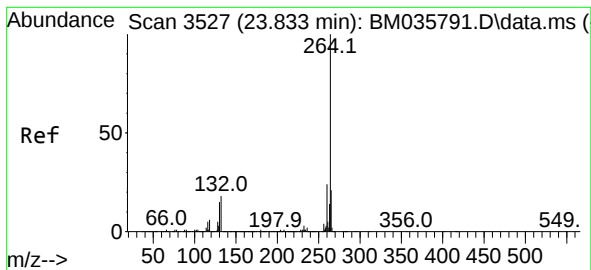
Tgt Ion:149 Resp: 567
Ion Ratio Lower Upper
149 100
91 116.5 56.6 85.0#
206 18.5 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.673 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035841.D
Acq: 15 Jul 2022 21:51

Tgt Ion:149 Resp: 25124
Ion Ratio Lower Upper
149 100
167 24.7 21.1 31.7
279 3.9 2.8 4.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM035841.D
 Acq: 15 Jul 2022 21:51

Instrument :
 BNA_M
 ClientSampleId :
 SW-3-FILT

Tgt Ion:264 Resp: 1341661
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 21.8 17.5 26.3

