

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035842.D
 Acq On : 15 Jul 2022 22:28
 Operator : CG/JU
 Sample : N3652-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-3-(18-24)

Quant Time: Jul 15 23:48:50 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)

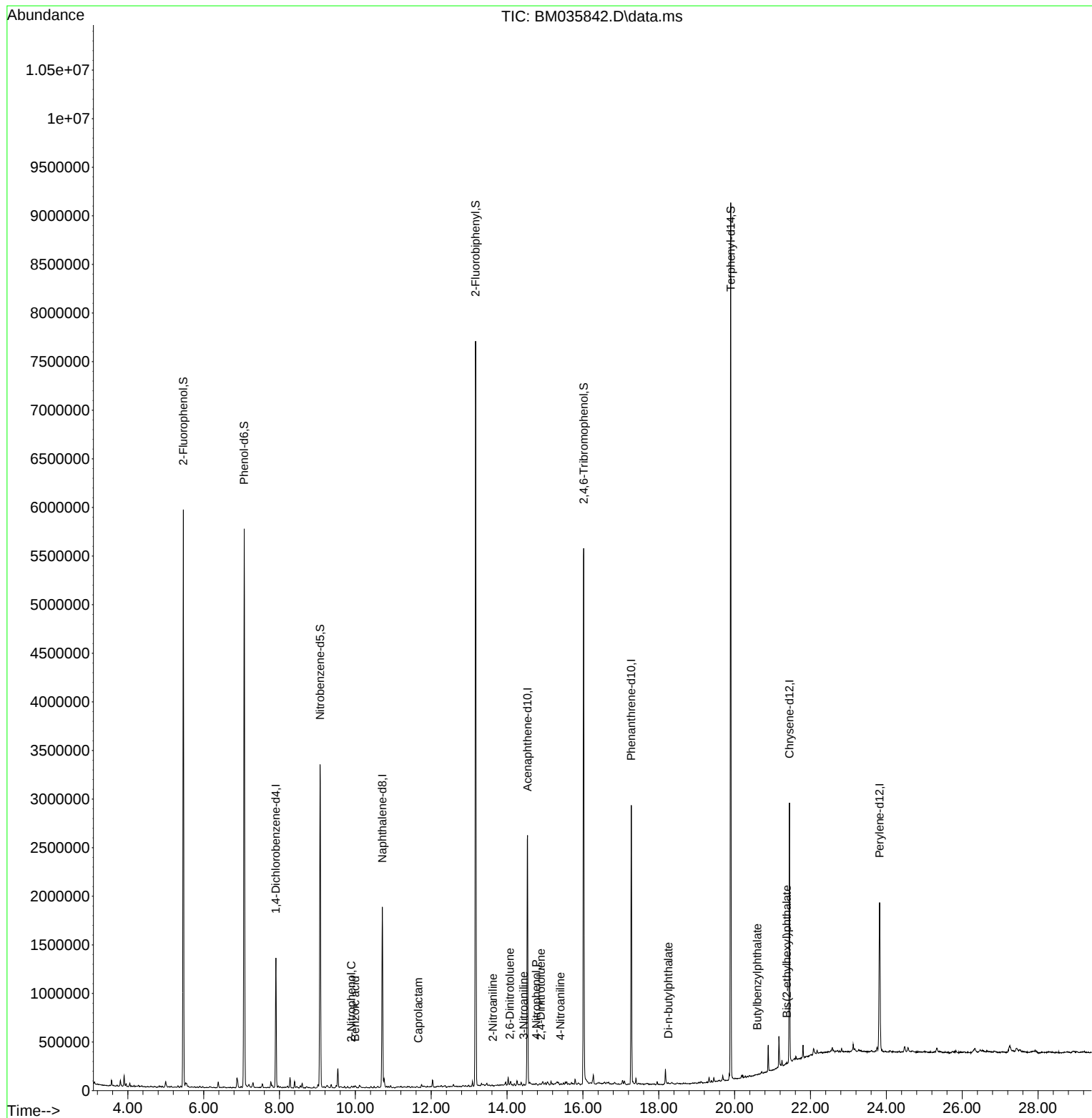
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	345468	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1500248	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	880084	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1668277	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1189512	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1106437	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2438973	114.673	ng	0.00
7) Phenol-d6	7.069	99	3132082	117.729	ng	0.00
23) Nitrobenzene-d5	9.069	82	1840214	70.122	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1038226	116.167	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	3790190	60.061	ng	0.00
79) Terphenyl-d14	19.898	244	4201678	68.568	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.892	139	56	4.578	ng	# 1
32) Benzoic acid	9.992	122	55	8.039	ng	# 1
35) Caprolactam	11.663	113	65	5.107	ng	# 1
48) 2-Nitroaniline	13.627	65	376	3.622	ng	# 26
51) 2,6-Dinitrotoluene	14.075	165	1234	2.390	ng	# 85
53) 3-Nitroaniline	14.439	138	539	2.703	ng	# 64
56) 4-Nitrophenol	14.774	139	585	4.098	ng	# 40
57) 2,4-Dinitrotoluene	14.886	165	337	3.356	ng	# 80
62) 4-Nitroaniline	15.404	138	725	2.844	ng	# 84
74) Di-n-butylphthalate	18.251	149	4578	2.311	ng	# 92
80) Butylbenzylphthalate	20.598	149	689	4.184	ng	# 24
84) Bis(2-ethylhexyl)phtha...	21.374	149	5974	3.374	ng	# 91

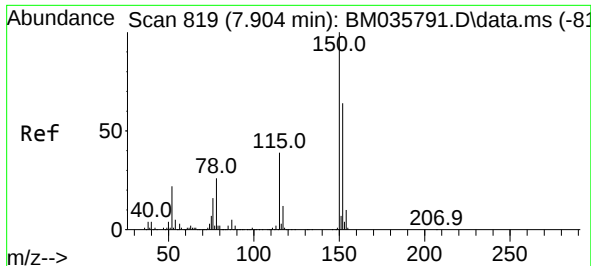
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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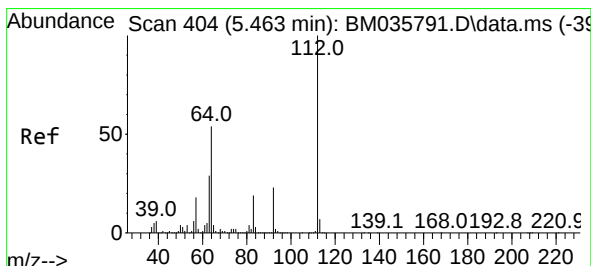
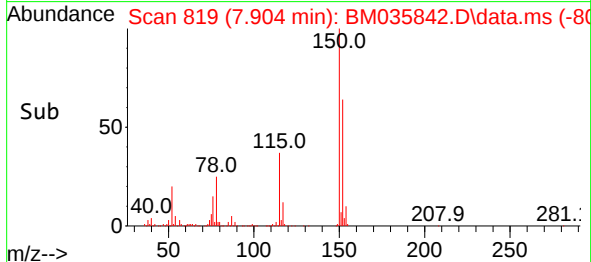
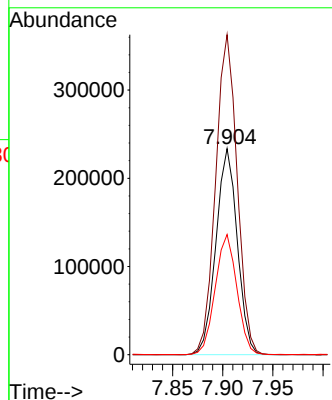
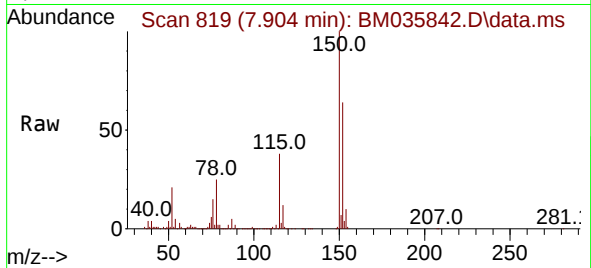




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035842.D
 Acq: 15 Jul 2022 22:28

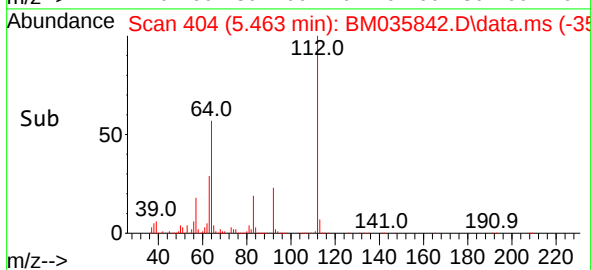
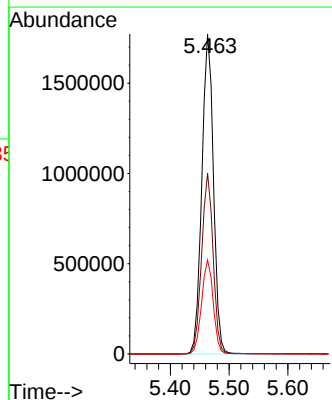
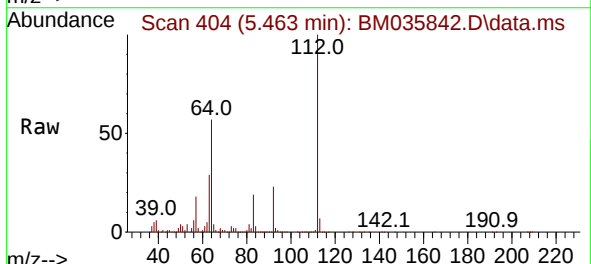
Instrument :
 BNA_M
 ClientSampleId :
 SED-3-(18-24)

Tgt Ion:152 Resp: 345468
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.9 187.3
 115 58.3 47.9 71.9



#5
 2-Fluorophenol
 Concen: 114.673 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035842.D
 Acq: 15 Jul 2022 22:28

Tgt Ion:112 Resp: 2438973
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.8 71.6
 63 29.3 26.6 40.0

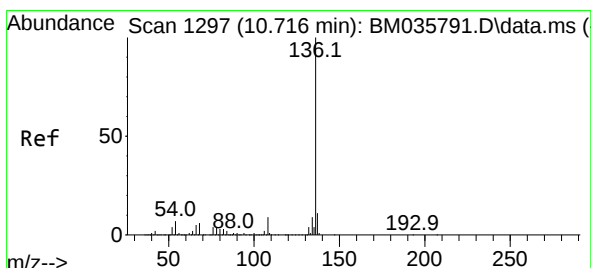
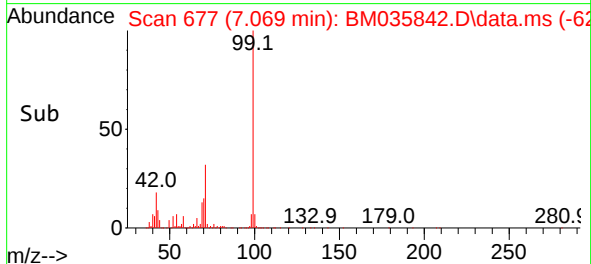
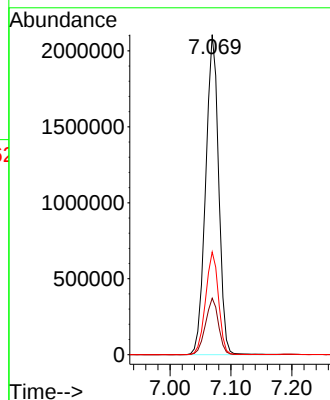
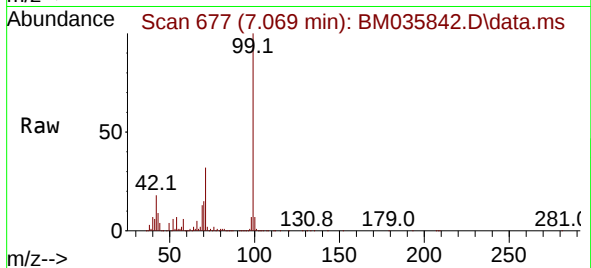




#7
Phenol-d6
Concen: 117.729 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

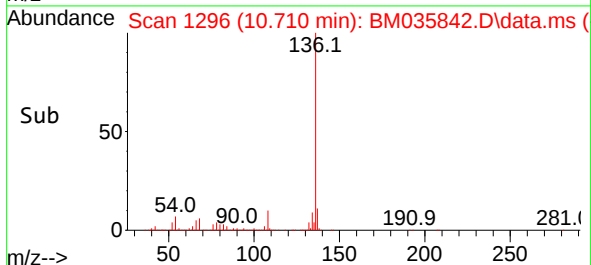
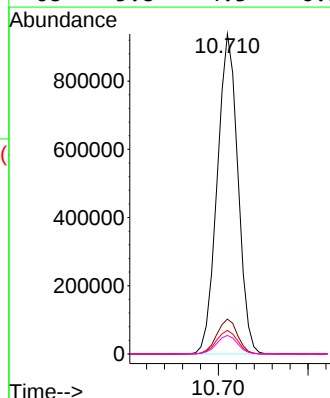
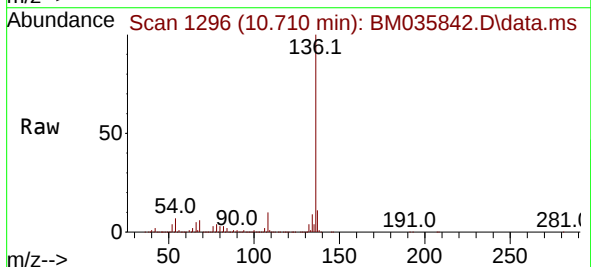
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

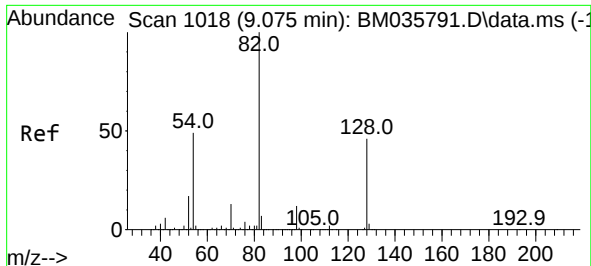
Tgt Ion: 99 Resp: 3132082
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 32.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:136 Resp: 1500248
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 7.0 10.4
68 5.8 4.3 6.5

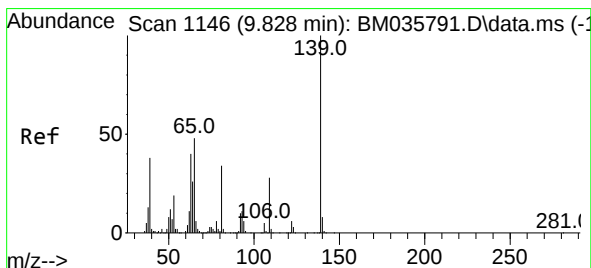
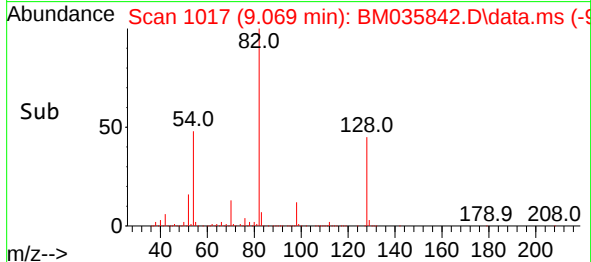
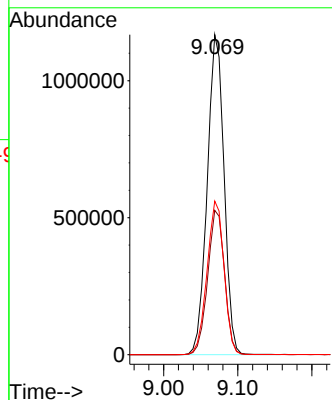
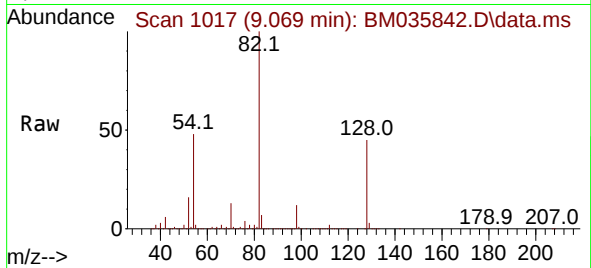




#23
Nitrobenzene-d5
Concen: 70.122 ng
RT: 9.069 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

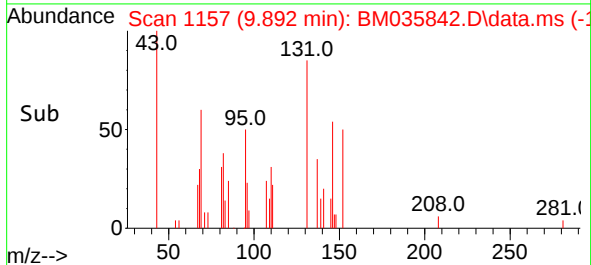
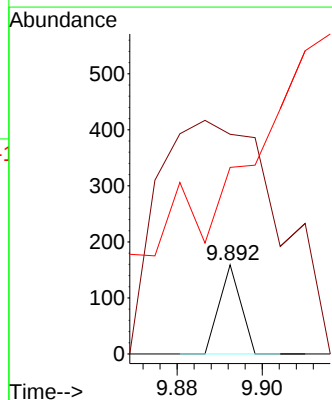
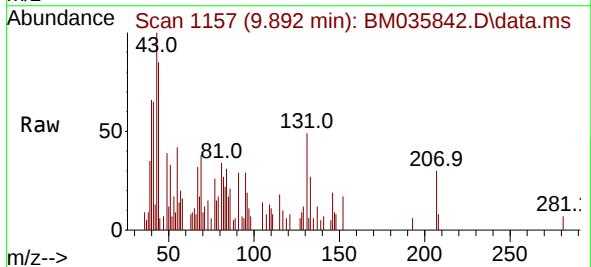
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

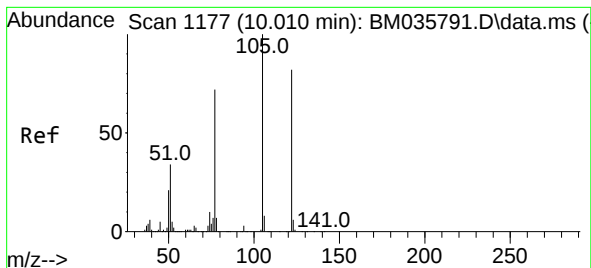
Tgt Ion: 82 Resp: 1840214
Ion Ratio Lower Upper
82 100
128 45.1 33.7 50.5
54 48.0 43.2 64.8



#26
2-Nitrophenol
Concen: 4.578 ng
RT: 9.892 min Scan# 1157
Delta R.T. 0.064 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 246.5 25.6 38.4#
65 209.4 43.2 64.8#





#32

Benzoic acid

Concen: 8.039 ng

RT: 9.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BM035842.D

Acq: 15 Jul 2022 22:28

Instrument :

BNA_M

ClientSampleId :

SED-3-(18-24)

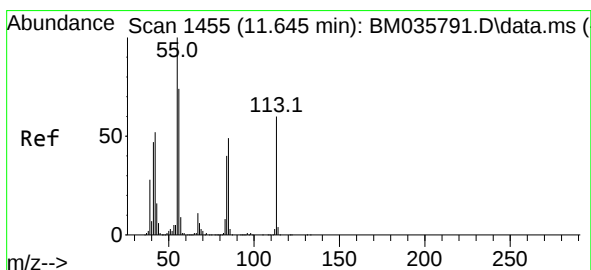
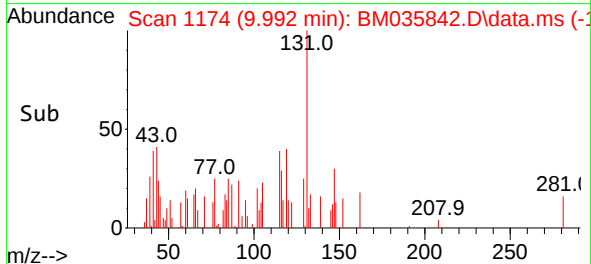
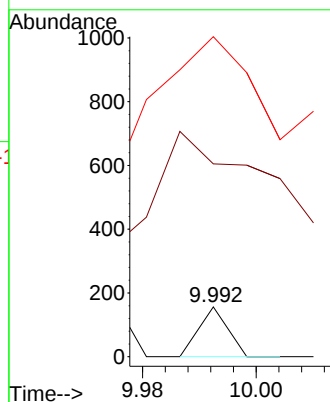
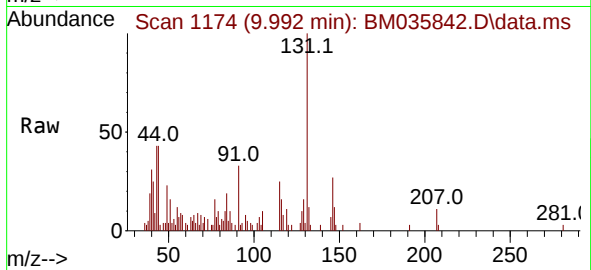
Tgt Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 387.8 105.7 145.7#

77 643.6 80.0 120.0#



#35

Caprolactam

Concen: 5.107 ng

RT: 11.663 min Scan# 1458

Delta R.T. 0.018 min

Lab File: BM035842.D

Acq: 15 Jul 2022 22:28

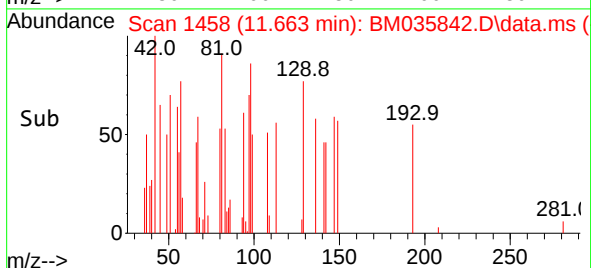
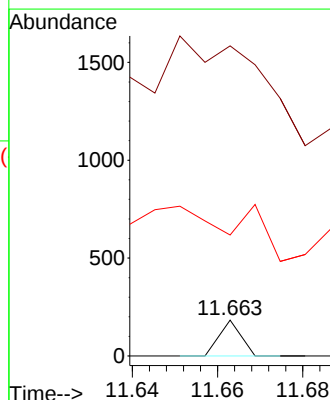
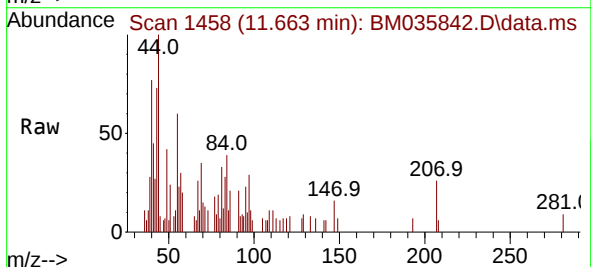
Tgt Ion:113 Resp: 65

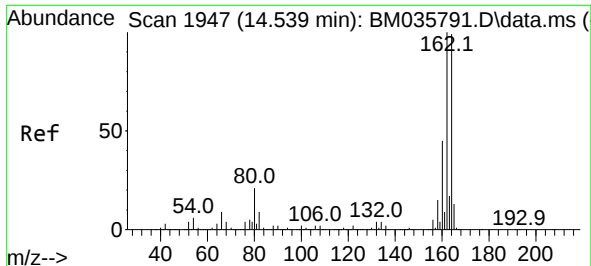
Ion Ratio Lower Upper

113 100

55 865.6 150.1 190.1#

56 337.7 111.7 151.7#

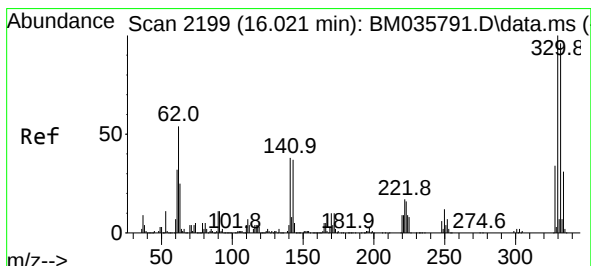
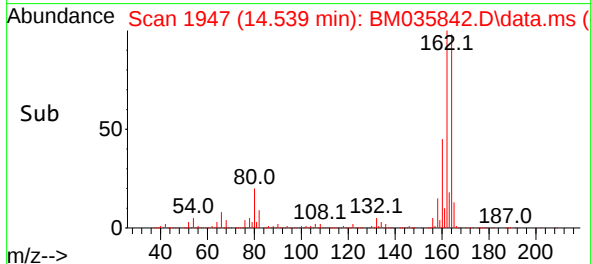
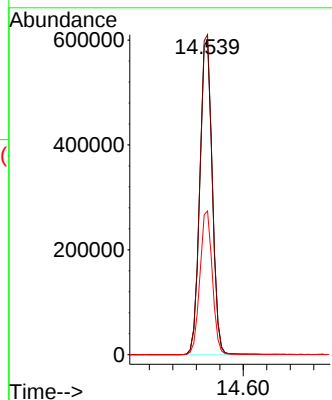
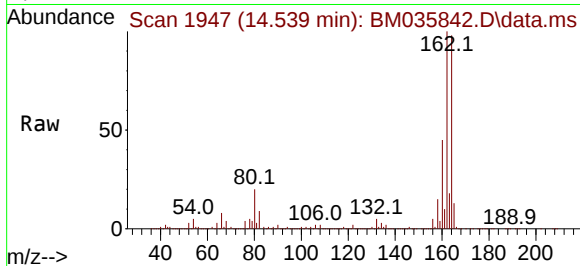




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

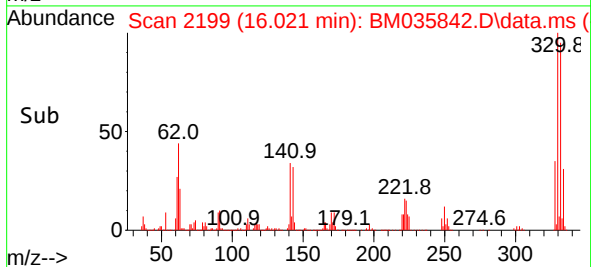
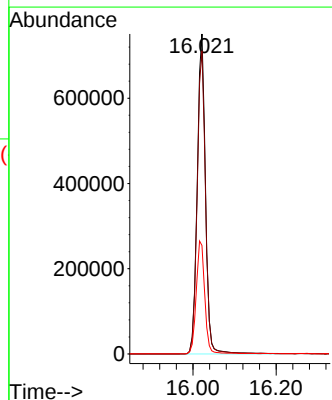
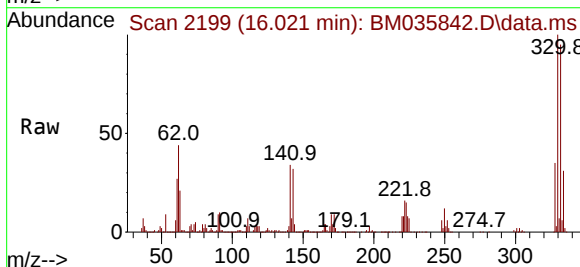
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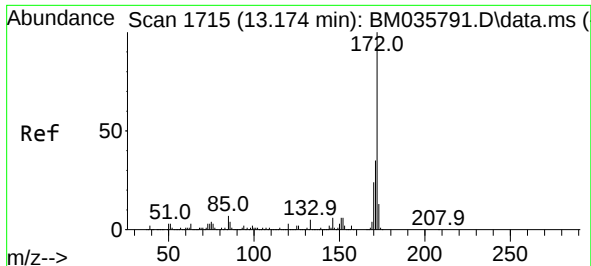
Tgt Ion:164 Resp: 880084
Ion Ratio Lower Upper
164 100
162 101.7 83.0 124.6
160 45.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 116.167 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:330 Resp: 1038226
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.4
141 36.4 35.3 52.9

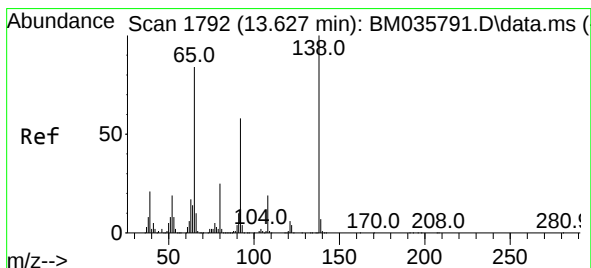
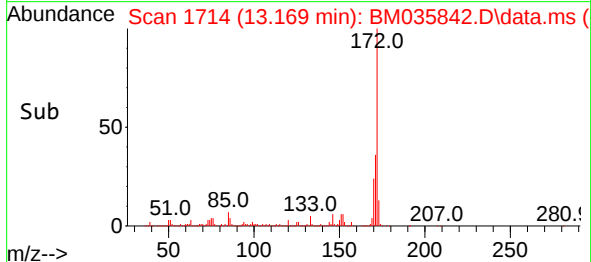
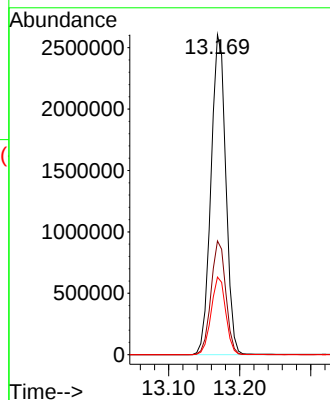
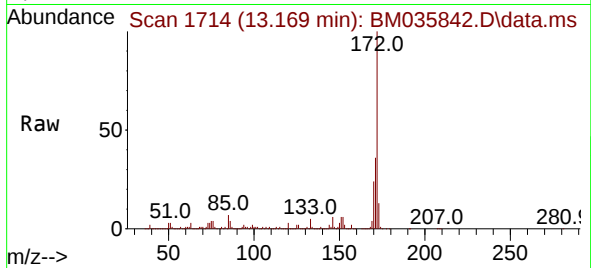




#45
2-Fluorobiphenyl
Concen: 60.061 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

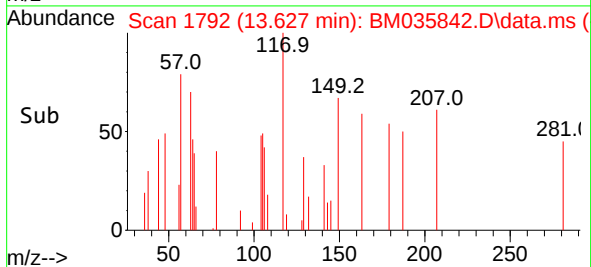
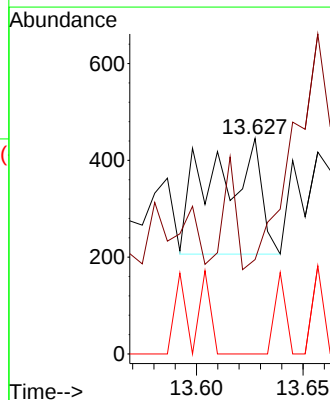
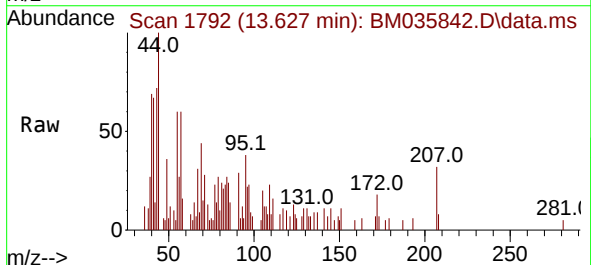
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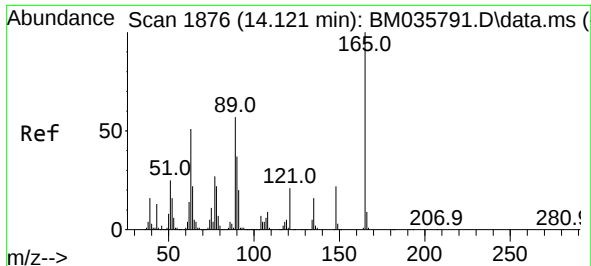
Tgt Ion:172 Resp: 3790190
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.2 18.7 28.1



#48
2-Nitroaniline
Concen: 3.622 ng
RT: 13.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion: 65 Resp: 376
Ion Ratio Lower Upper
65 100
92 43.8 53.7 80.5#
138 0.0 83.9 125.9#

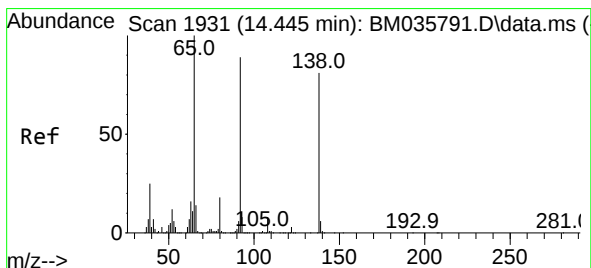
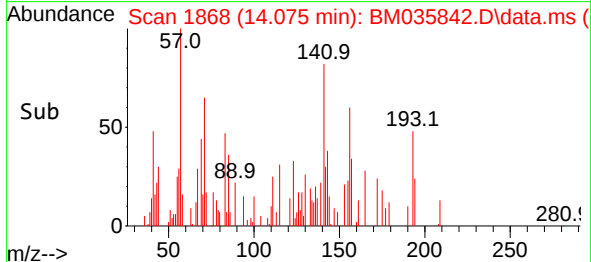
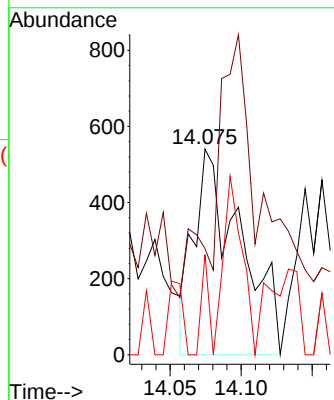
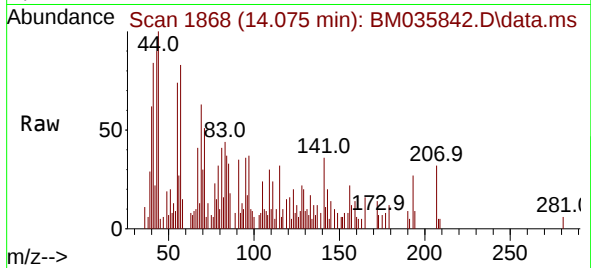




#51
2,6-Dinitrotoluene
Concen: 2.390 ng
RT: 14.075 min Scan# 11
Delta R.T. -0.046 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

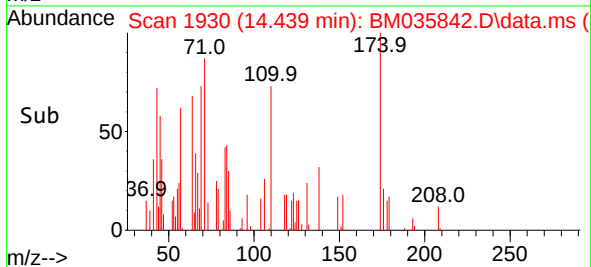
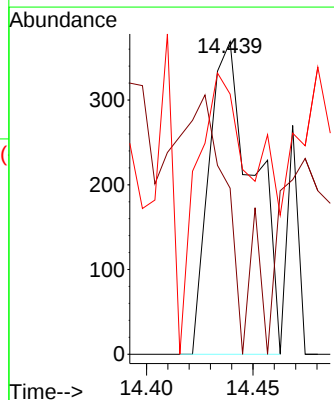
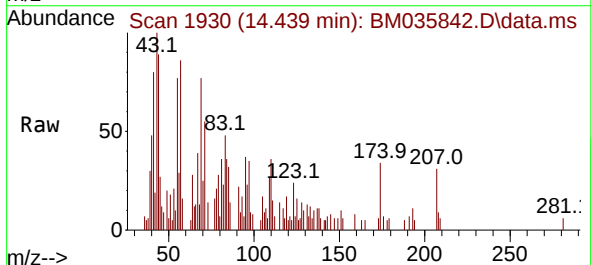
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

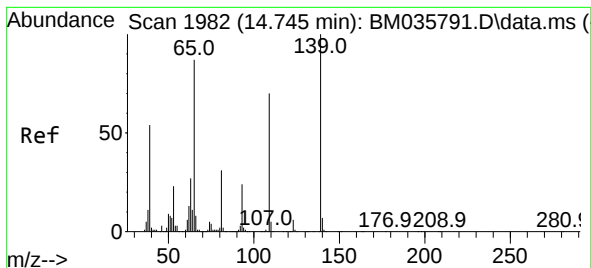
Tgt Ion:165 Resp: 1234
Ion Ratio Lower Upper
165 100
63 51.7 50.2 75.2
89 48.7 48.4 72.6



#53
3-Nitroaniline
Concen: 2.703 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:138 Resp: 539
Ion Ratio Lower Upper
138 100
108 53.1 8.7 13.1#
92 83.2 91.5 137.3#

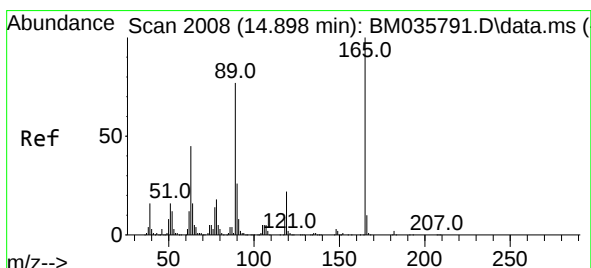
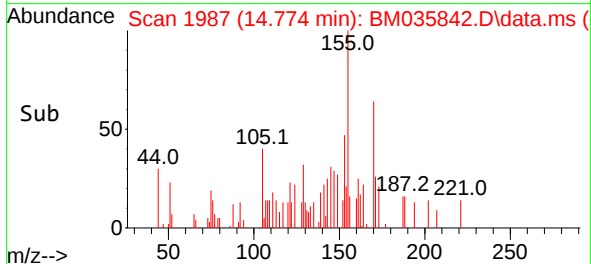
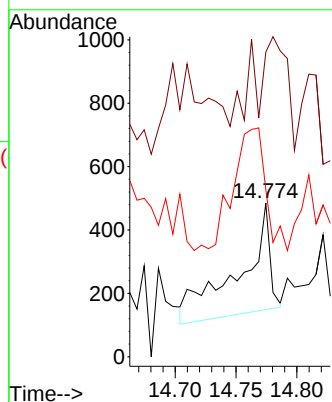
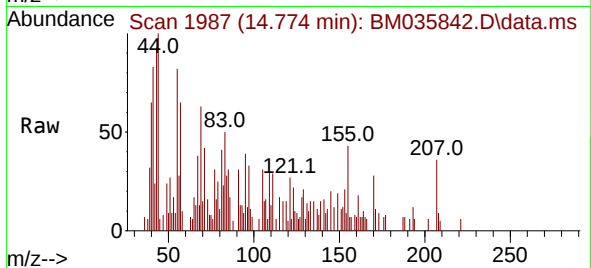




#56
4-Nitrophenol
Concen: 4.098 ng
RT: 14.774 min Scan# 1982
Delta R.T. 0.029 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

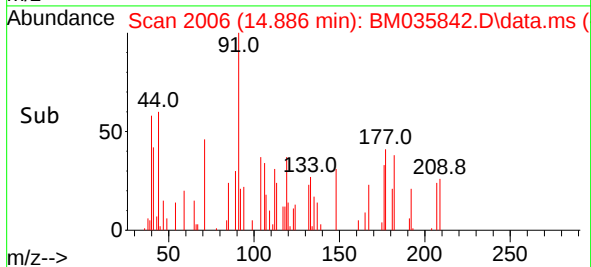
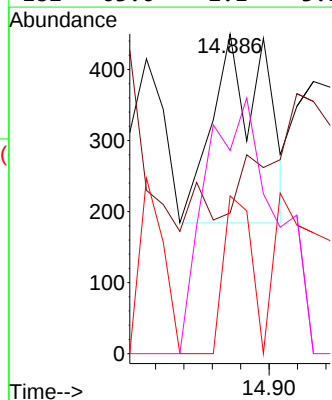
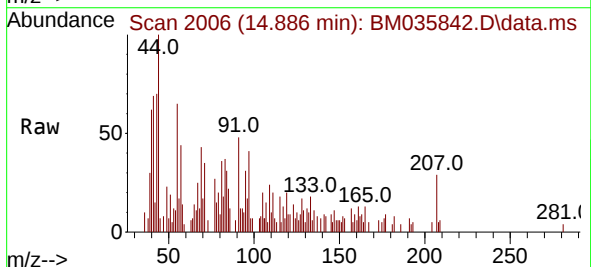
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

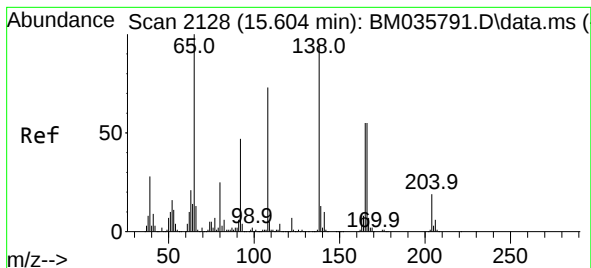
Tgt Ion:139 Resp: 585
Ion Ratio Lower Upper
139 100
109 198.1 62.5 102.5#
65 108.9 83.5 123.5



#57
2,4-Dinitrotoluene
Concen: 3.356 ng
RT: 14.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:165 Resp: 337
Ion Ratio Lower Upper
165 100
63 44.0 35.6 53.4
89 49.3 57.3 85.9#
182 63.6 2.1 3.1#

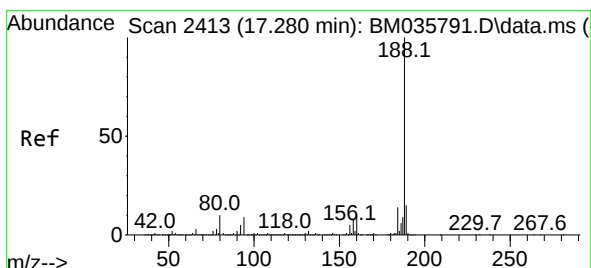
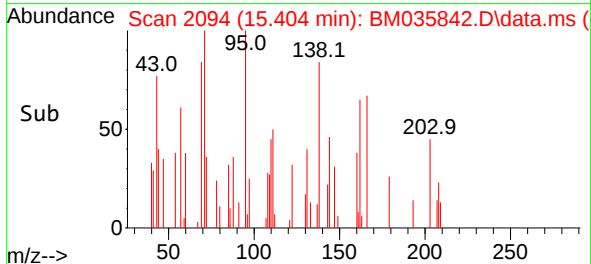
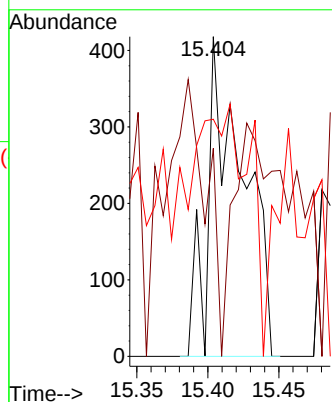
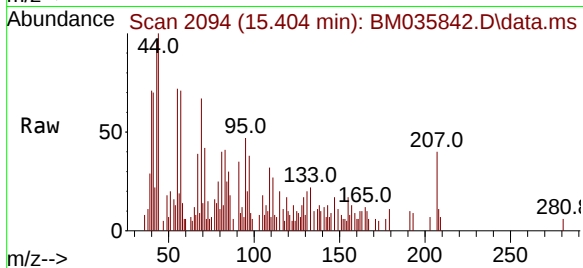




#62
4-Nitroaniline
Concen: 2.844 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.200 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

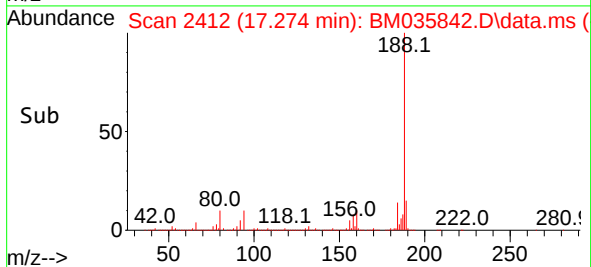
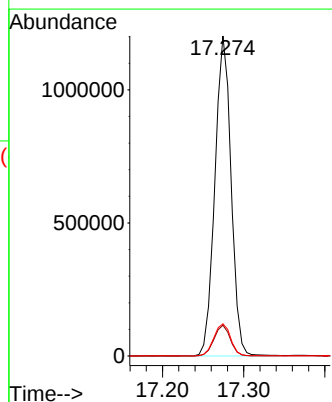
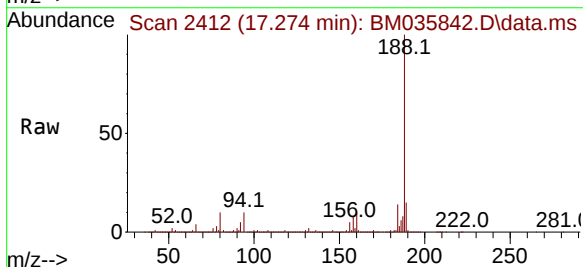
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

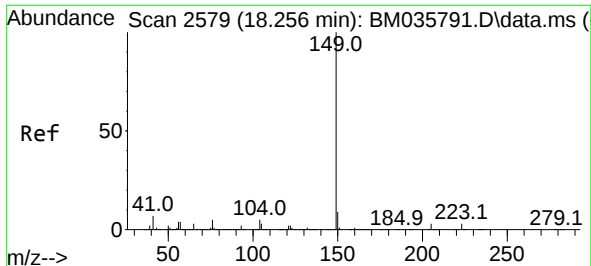
Tgt Ion:138 Resp: 725
Ion Ratio Lower Upper
138 100
92 65.1 30.8 70.8
108 74.2 65.7 105.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:188 Resp: 1668277
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.1 7.6 11.4

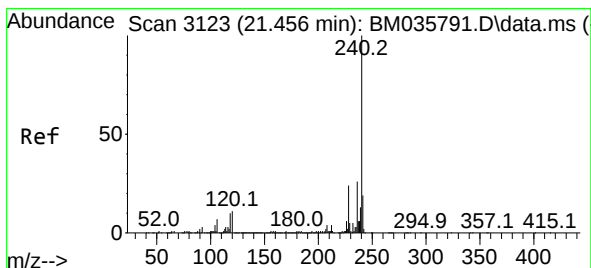
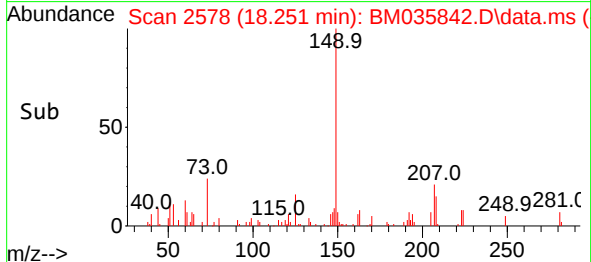
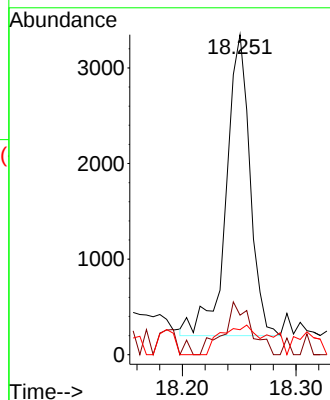
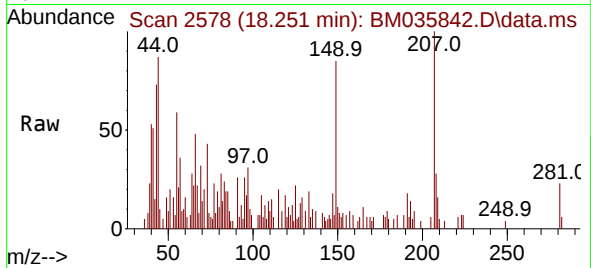




#74
Di-n-butylphthalate
Concen: 2.311 ng
RT: 18.251 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

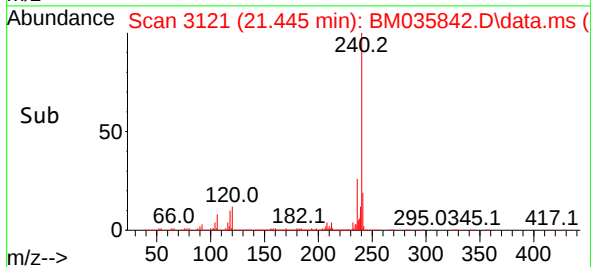
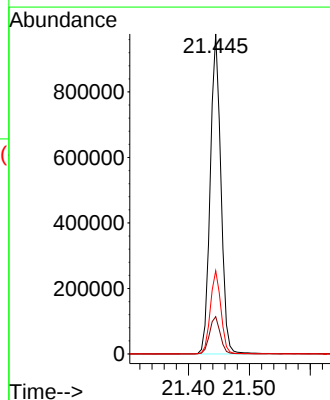
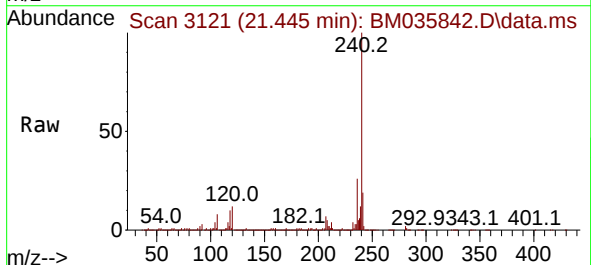
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

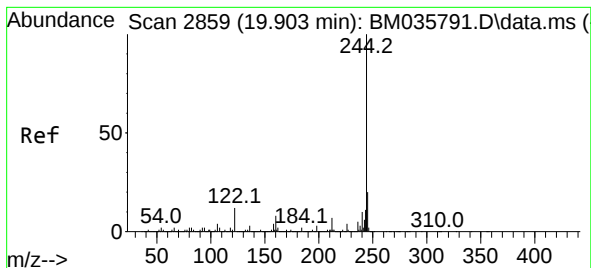
Tgt Ion:149 Resp: 4578
Ion Ratio Lower Upper
149 100
150 12.4 7.3 10.9#
104 7.8 4.3 6.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:240 Resp: 1189512
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 26.0 20.6 30.8





#79

Terphenyl-d14

Concen: 68.568 ng

RT: 19.898 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM035842.D

Acq: 15 Jul 2022 22:28

Instrument :

BNA_M

ClientSampleId :

SED-3-(18-24)

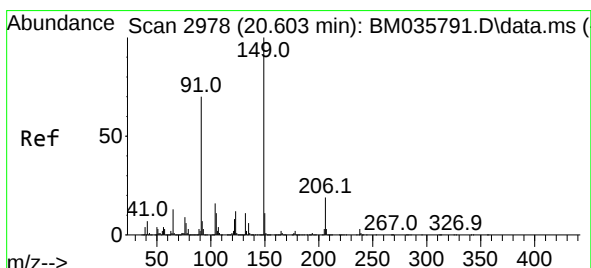
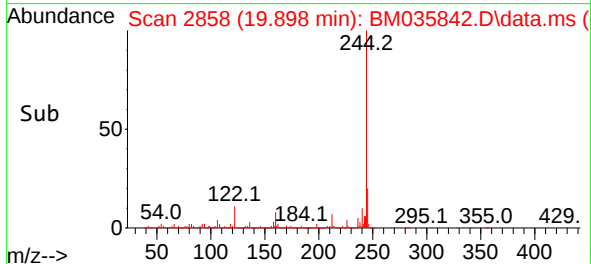
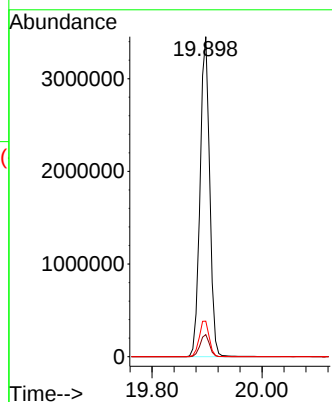
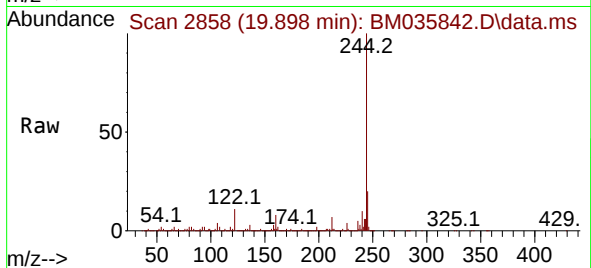
Tgt Ion:244 Resp: 4201678

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 11.1 8.3 12.5



#80

Butylbenzylphthalate

Concen: 4.184 ng

RT: 20.598 min Scan# 2977

Delta R.T. -0.005 min

Lab File: BM035842.D

Acq: 15 Jul 2022 22:28

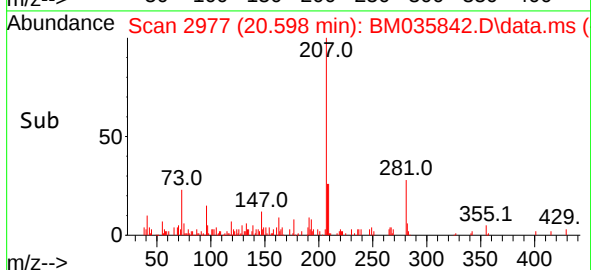
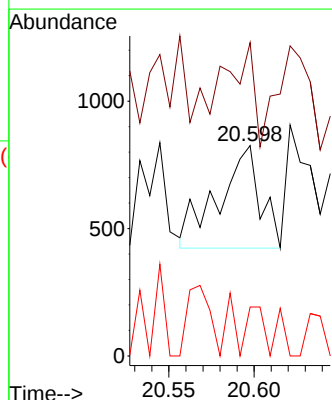
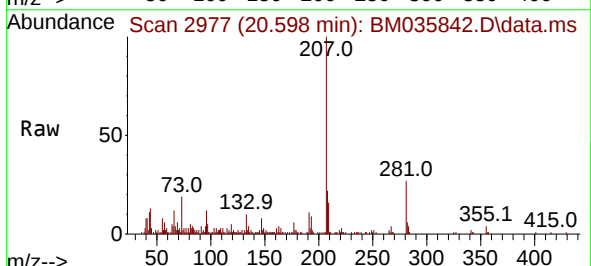
Tgt Ion:149 Resp: 689

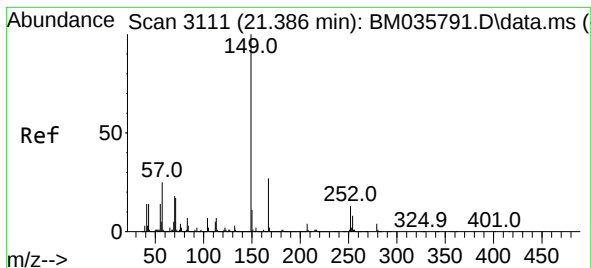
Ion Ratio Lower Upper

149 100

91 148.9 56.6 85.0#

206 23.2 15.4 23.0#

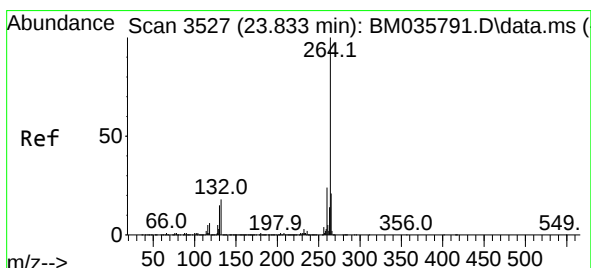
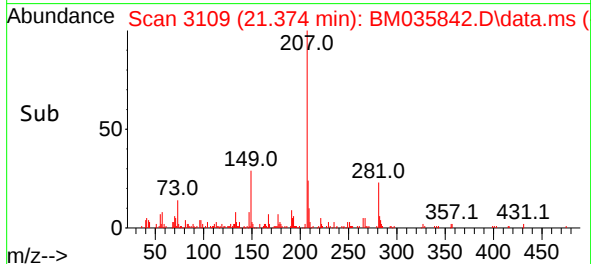
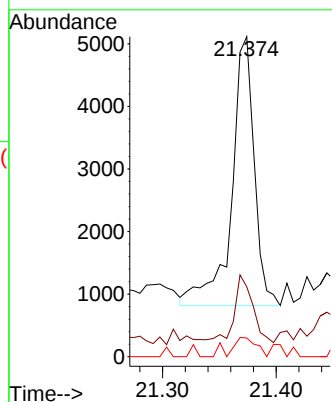
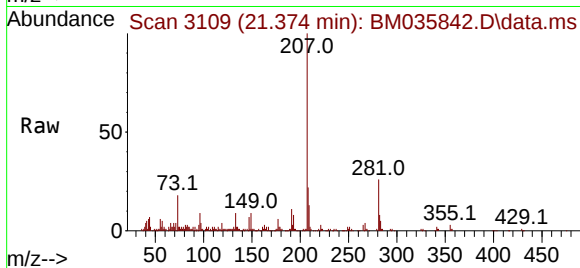




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.374 ng
 RT: 21.374 min Scan# 3111
 Delta R.T. -0.012 min
 Lab File: BM035842.D
 Acq: 15 Jul 2022 22:28

Instrument :
 BNA_M
 ClientSampleId :
 SED-3-(18-24)

Tgt Ion:149 Resp: 5974
 Ion Ratio Lower Upper
 149 100
 167 21.9 21.1 31.7
 279 5.9 2.8 4.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.012 min
 Lab File: BM035842.D
 Acq: 15 Jul 2022 22:28

Tgt Ion:264 Resp: 1106437
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.7 17.5 26.3

