

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035813.D
 Acq On : 14 Jul 2022 15:38
 Operator : CG/JU
 Sample : N3651-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-1-(18-24)

Quant Time: Jul 15 01:10:12 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)

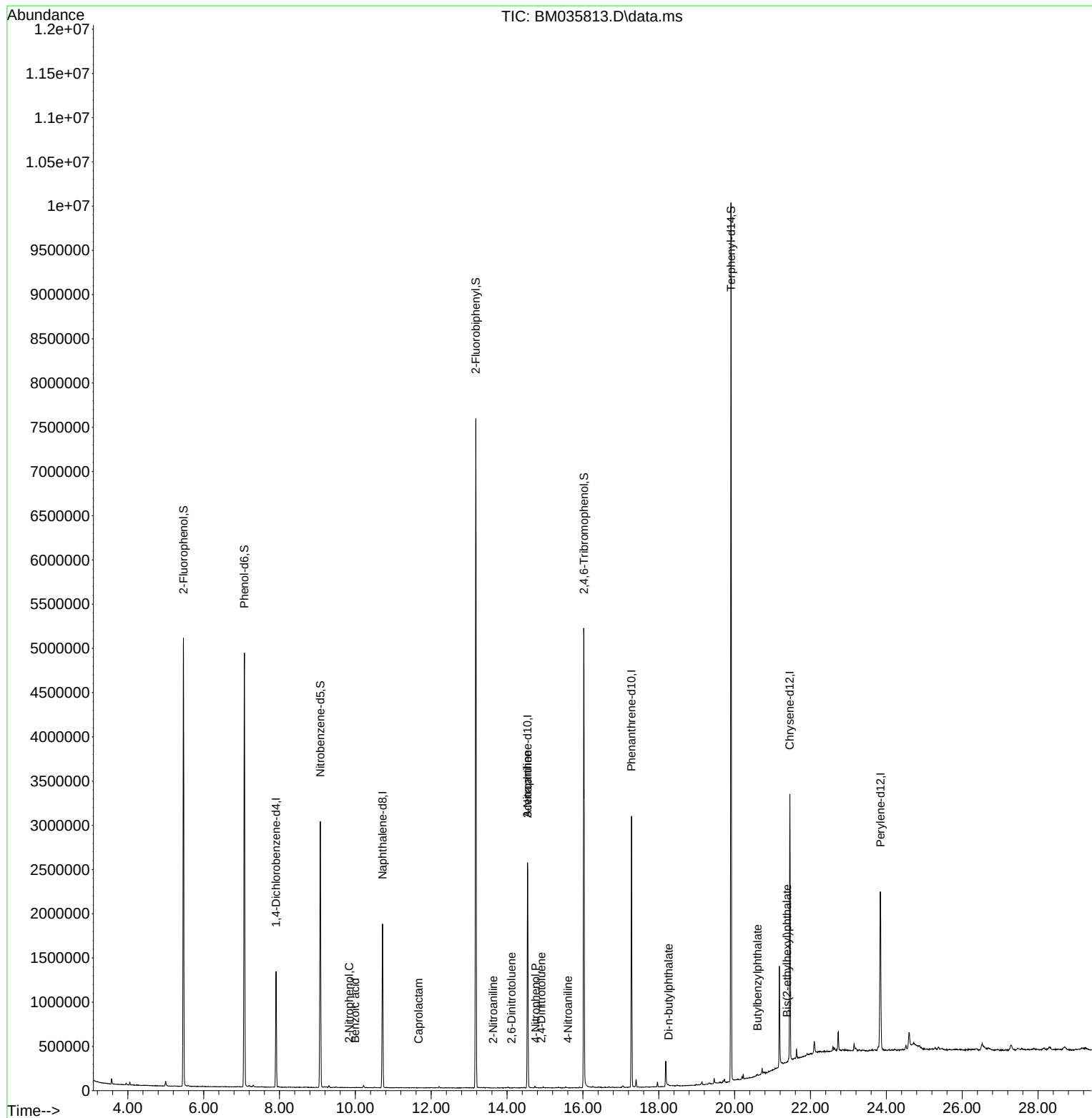
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	350121	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1488785	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	885912	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1710731	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1368084	20.000	ng	0.00
86) Perylene-d12	23.844	264	1311344	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2197245	101.935	ng	0.00
7) Phenol-d6	7.075	99	2742745	101.724	ng	0.00
23) Nitrobenzene-d5	9.075	82	1660694	63.769	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	988641	109.891	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	3651773	57.487	ng	0.00
79) Terphenyl-d14	19.903	244	4628638	65.676	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.833	139	57	4.578	ng	# 1
32) Benzoic acid	9.998	122	118	8.044	ng	# 1
35) Caprolactam	11.669	113	129	5.117	ng	# 1
48) 2-Nitroaniline	13.633	65	269	3.615	ng	# 32
51) 2,6-Dinitrotoluene	14.116	165	259	2.315	ng	# 70
53) 3-Nitroaniline	14.539	138	59	2.673	ng	# 1
56) 4-Nitrophenol	14.757	139	317	4.076	ng	# 1
57) 2,4-Dinitrotoluene	14.904	165	620	3.372	ng	# 48
62) 4-Nitroaniline	15.604	138	85	2.805	ng	# 66
74) Di-n-butylphthalate	18.256	149	5305	2.317	ng	# 95
80) Butylbenzylphthalate	20.603	149	638	4.180	ng	# 43
84) Bis(2-ethylhexyl)phtha...	21.386	149	3815	3.312	ng	# 89

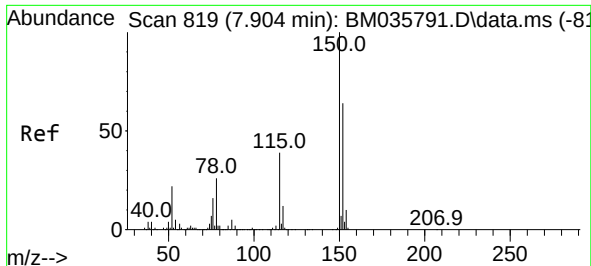
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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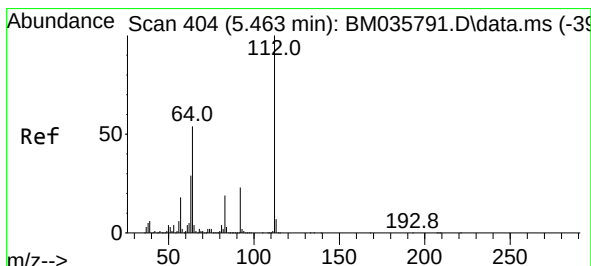
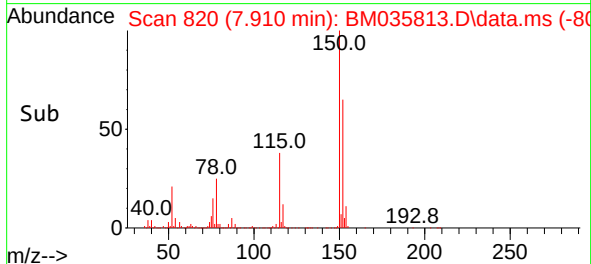
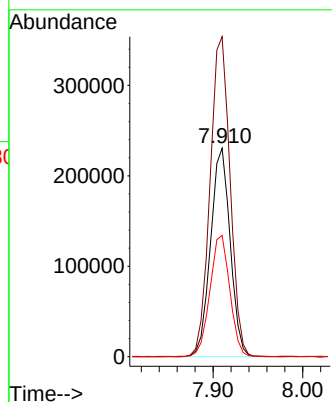
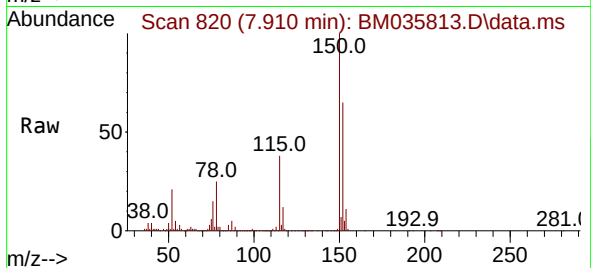




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 819
 Delta R.T. 0.006 min
 Lab File: BM035813.D
 Acq: 14 Jul 2022 15:38

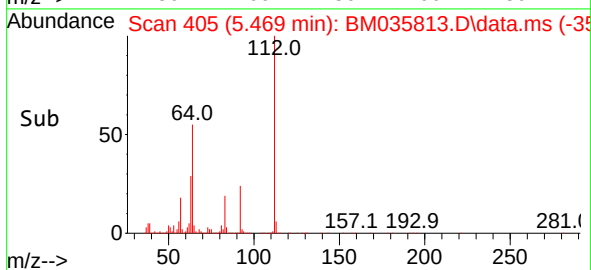
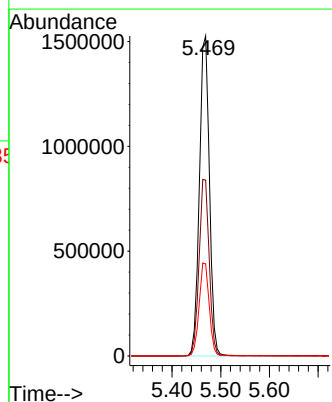
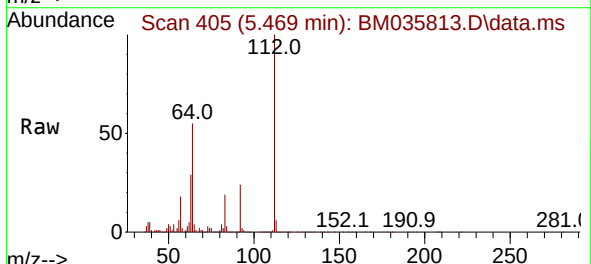
Instrument :
 BNA_M
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 SED-1-(18-24)

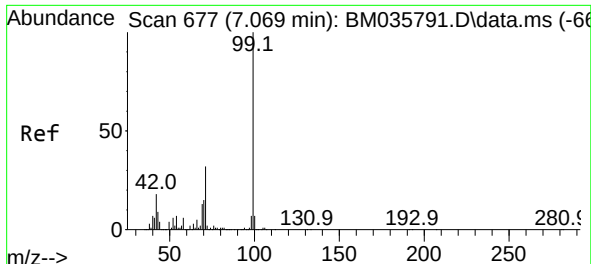
Tgt Ion:152 Resp: 350121
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.9 187.3
 115 58.2 47.9 71.9



#5
 2-Fluorophenol
 Concen: 101.935 ng
 RT: 5.469 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: BM035813.D
 Acq: 14 Jul 2022 15:38

Tgt Ion:112 Resp: 2197245
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.8 71.6
 63 28.8 26.6 40.0

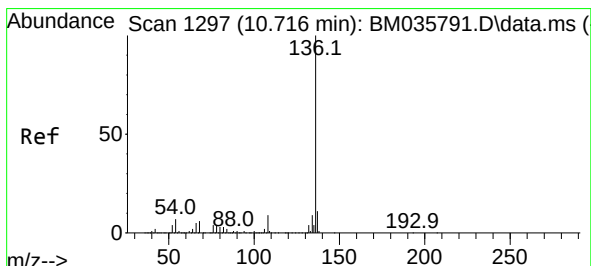
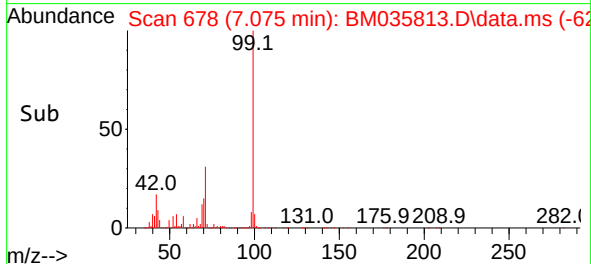
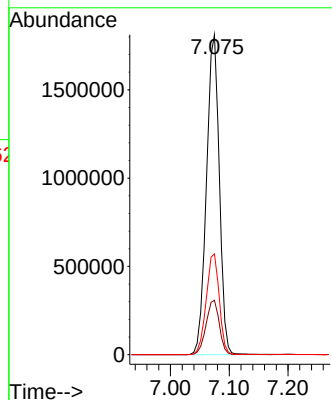
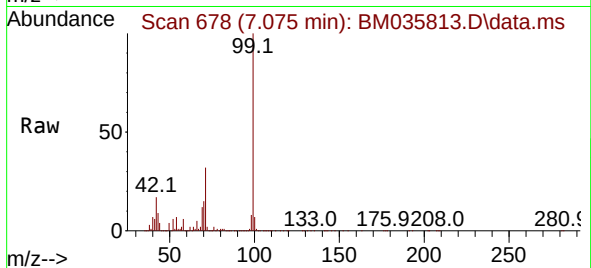




#7
Phenol-d6
Concen: 101.724 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

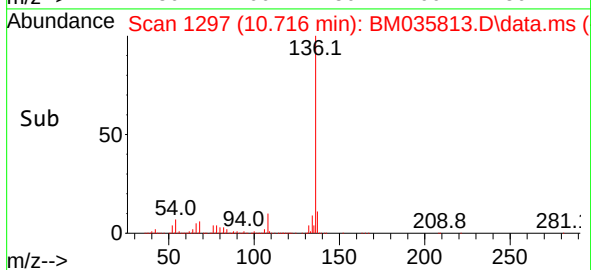
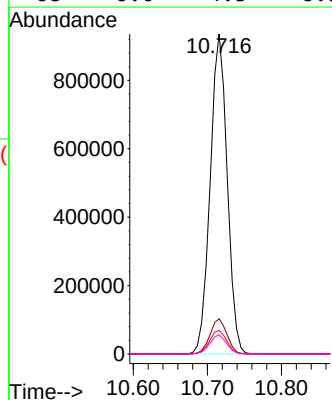
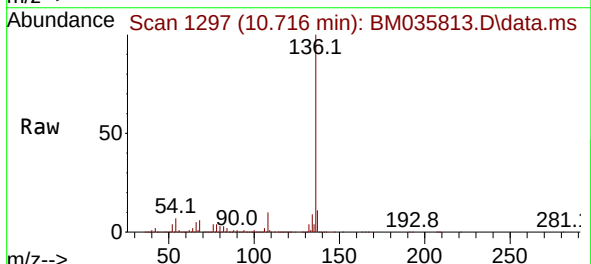
Instrument :
BNA_M
ClientSampleId :
SED-1-(18-24)

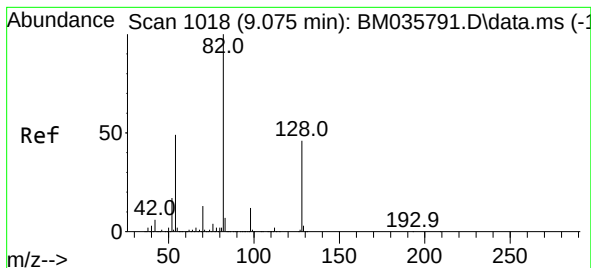
Tgt Ion: 99 Resp: 2742745
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 31.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

Tgt Ion: 136 Resp: 1488785
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 7.0 10.4
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 63.769 ng

RT: 9.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BM035813.D

Acq: 14 Jul 2022 15:38

Instrument :

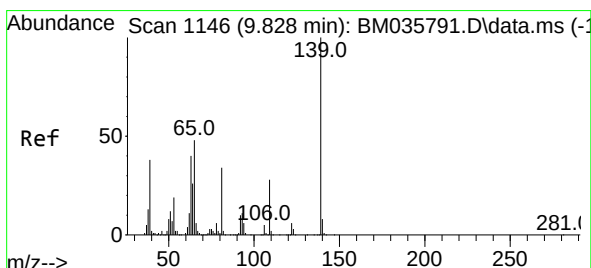
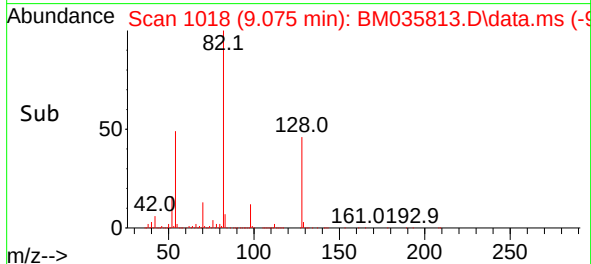
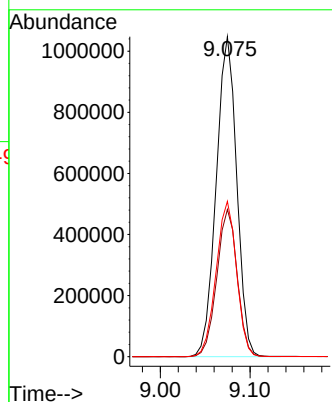
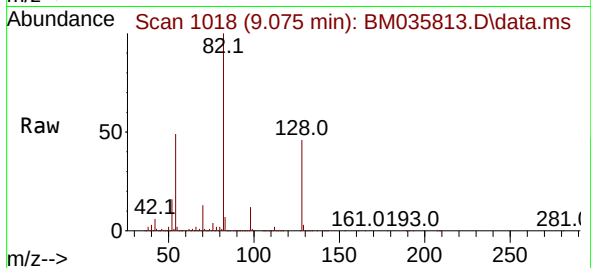
BNA_M

ClientSampleId :

SED-1-(18-24)

Tgt Ion: 82 Resp: 1660694

Ion	Ratio	Lower	Upper
82	100		
128	46.0	33.7	50.5
54	48.6	43.2	64.8



#26

2-Nitrophenol

Concen: 4.578 ng

RT: 9.833 min Scan# 1147

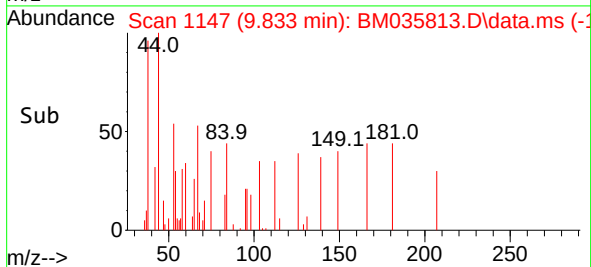
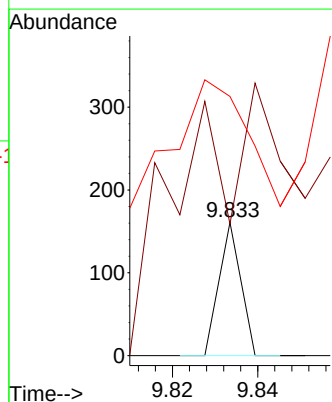
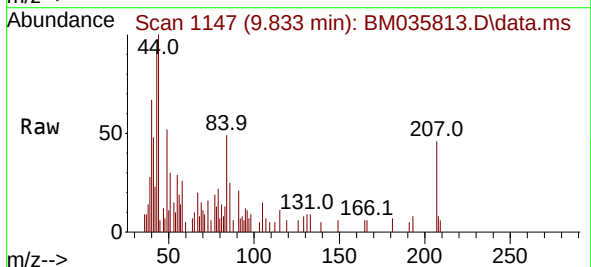
Delta R.T. 0.005 min

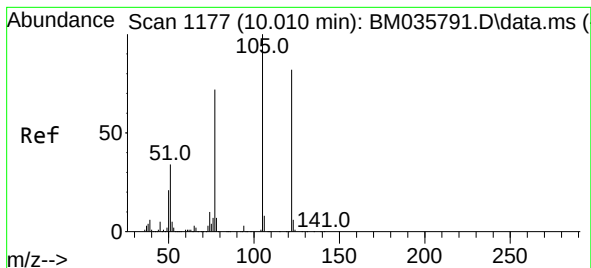
Lab File: BM035813.D

Acq: 14 Jul 2022 15:38

Tgt Ion: 139 Resp: 57

Ion	Ratio	Lower	Upper
139	100		
109	98.8	25.6	38.4#
65	194.4	43.2	64.8#





#32

Benzoic acid

Concen: 8.044 ng

RT: 9.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BM035813.D

Acq: 14 Jul 2022 15:38

Instrument :

BNA_M

ClientSampleId :

SED-1-(18-24)

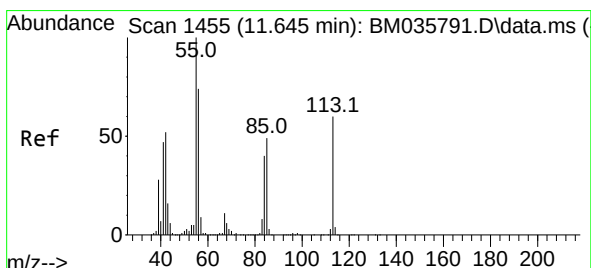
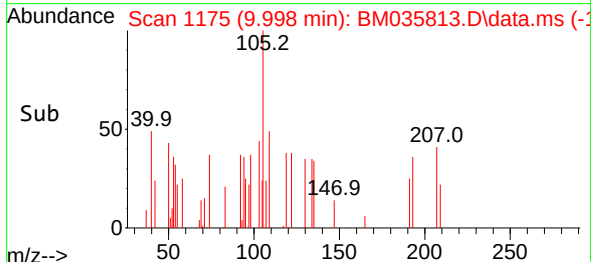
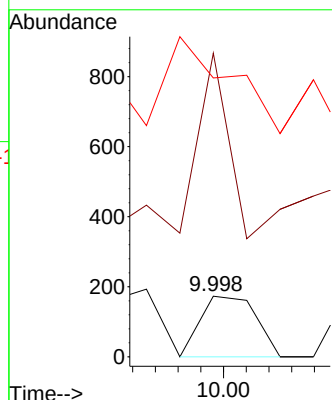
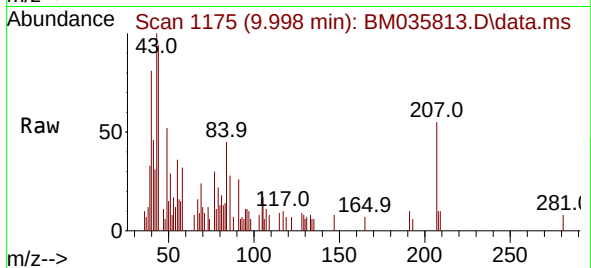
Tgt Ion:122 Resp: 118

Ion Ratio Lower Upper

122 100

105 501.2 105.7 145.7#

77 460.1 80.0 120.0#



#35

Caprolactam

Concen: 5.117 ng

RT: 11.669 min Scan# 1459

Delta R.T. 0.024 min

Lab File: BM035813.D

Acq: 14 Jul 2022 15:38

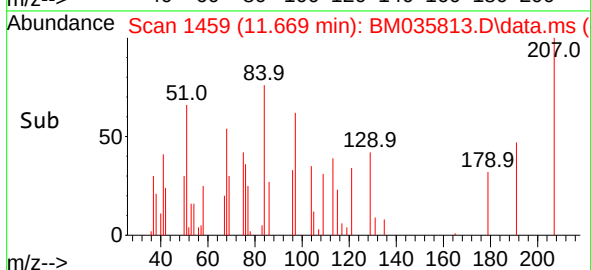
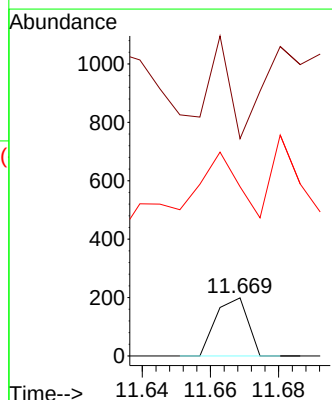
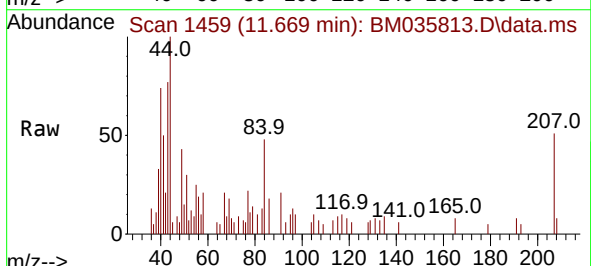
Tgt Ion:113 Resp: 129

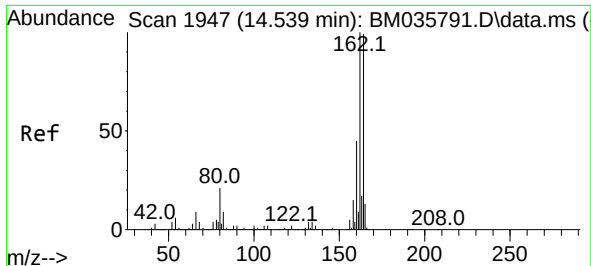
Ion Ratio Lower Upper

113 100

55 373.9 150.1 190.1#

56 291.5 111.7 151.7#

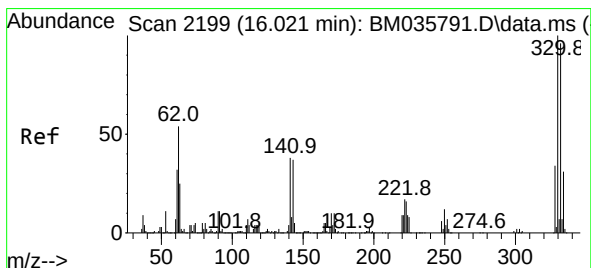
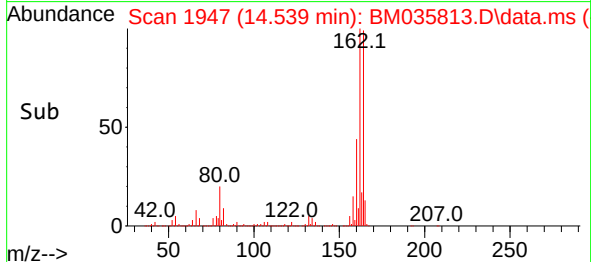
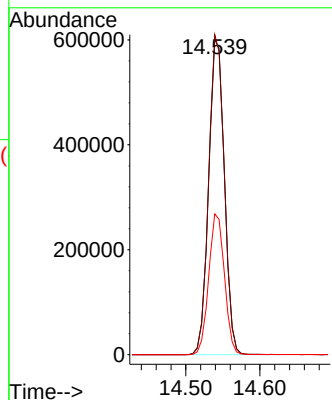
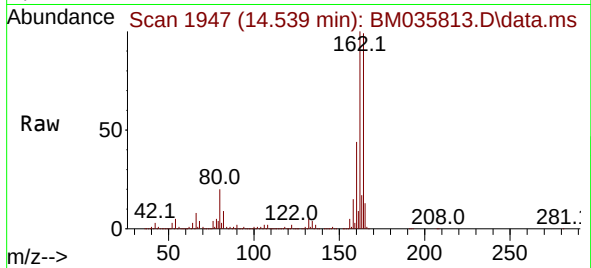




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

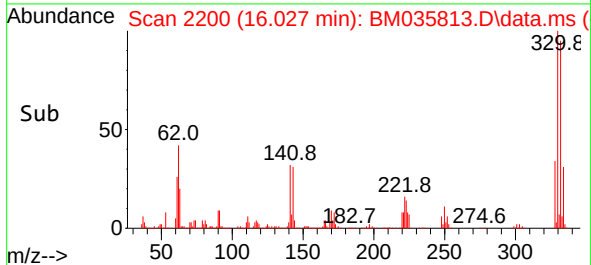
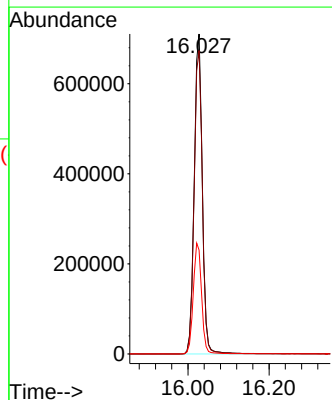
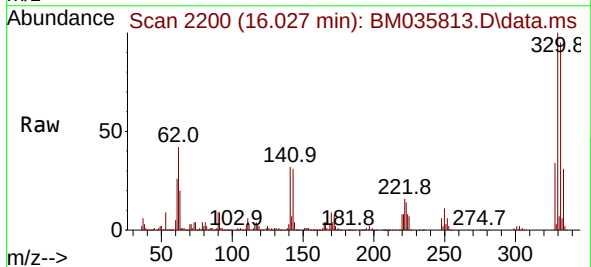
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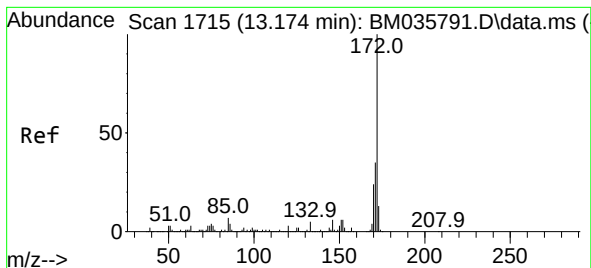
Tgt Ion:164 Resp: 885912
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.6
160 44.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 109.891 ng
RT: 16.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

Tgt Ion:330 Resp: 988641
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 35.5 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 57.487 ng

RT: 13.174 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035813.D

Acq: 14 Jul 2022 15:38

Instrument :

BNA_M

ClientSampleId :

SED-1-(18-24)

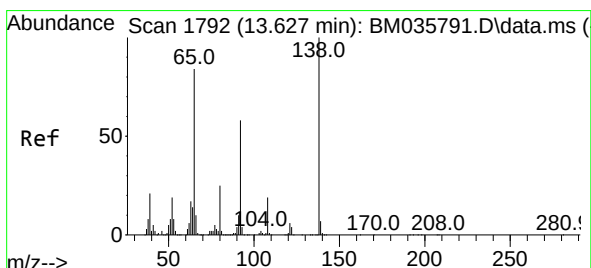
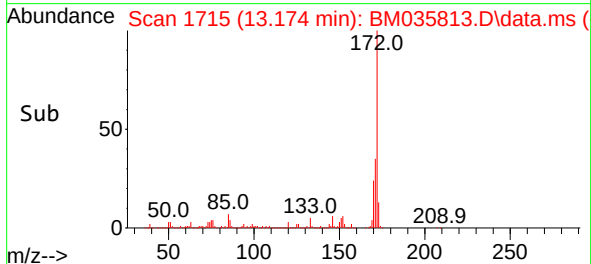
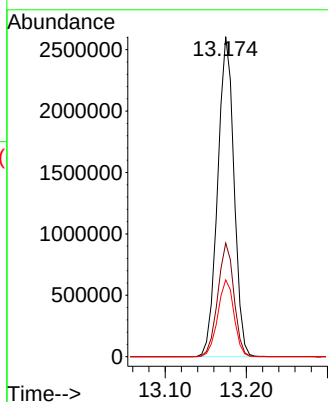
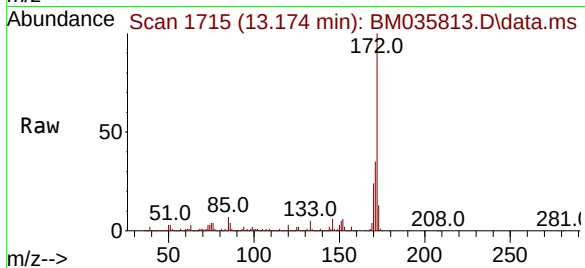
Tgt Ion:172 Resp: 3651773

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.0 18.7 28.1



#48

2-Nitroaniline

Concen: 3.615 ng

RT: 13.633 min Scan# 1793

Delta R.T. 0.006 min

Lab File: BM035813.D

Acq: 14 Jul 2022 15:38

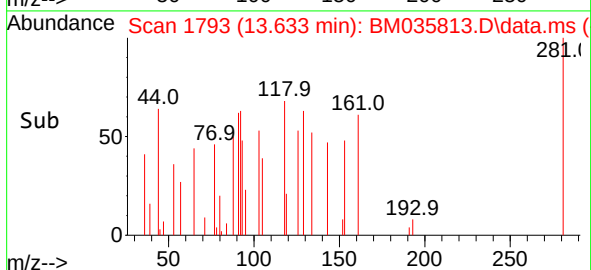
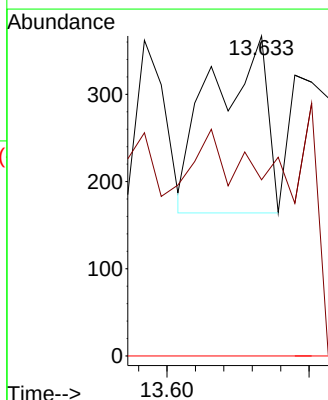
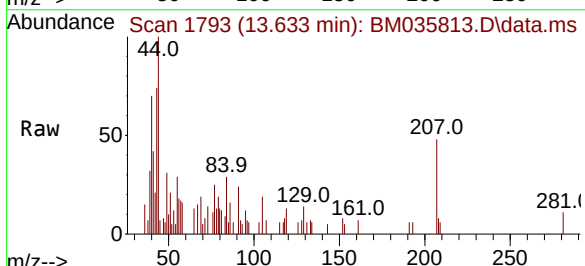
Tgt Ion: 65 Resp: 269

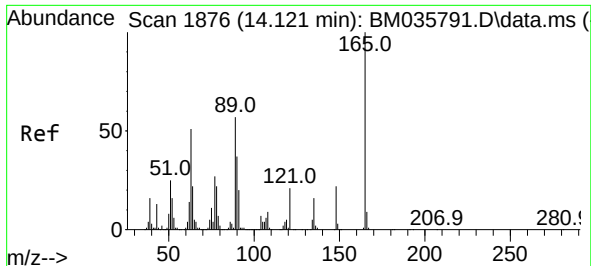
Ion Ratio Lower Upper

65 100

92 55.0 53.7 80.5

138 0.0 83.9 125.9#

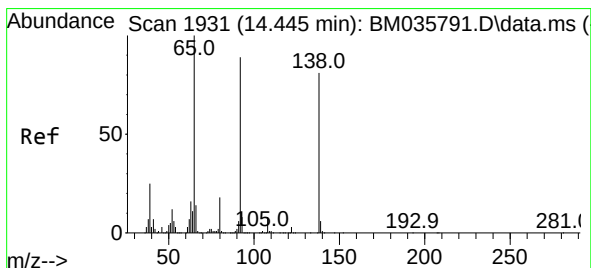
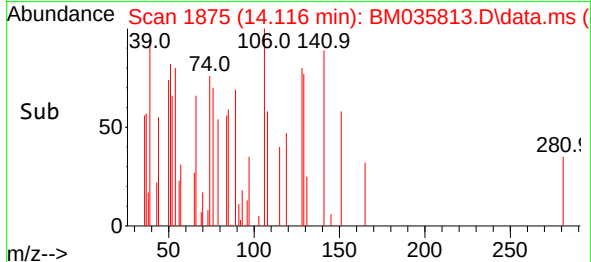
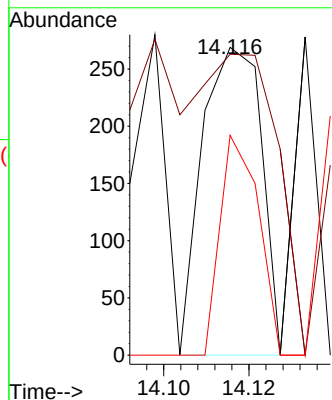
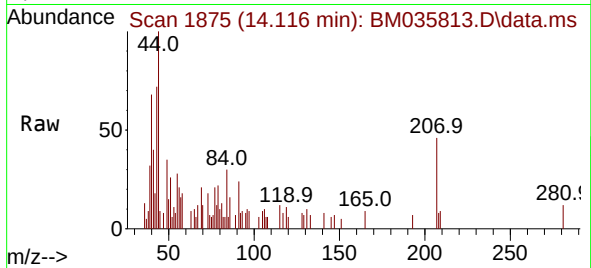




#51
2,6-Dinitrotoluene
Concen: 2.315 ng
RT: 14.116 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

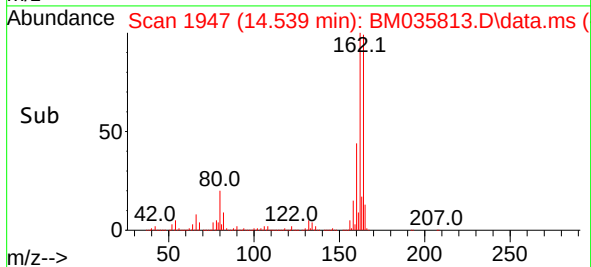
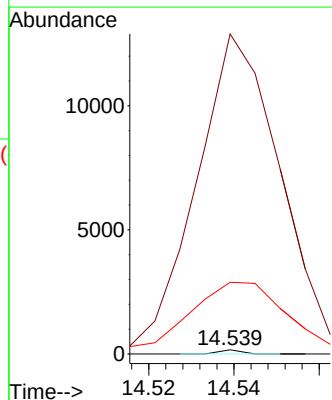
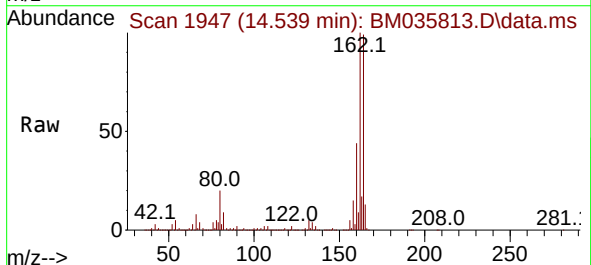
Instrument :
BNA_M
ClientSampleId :
SED-1-(18-24)

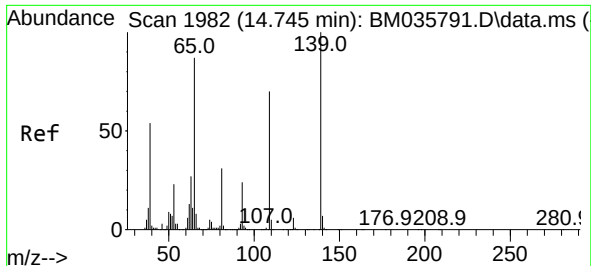
Tgt Ion:165 Resp: 259
Ion Ratio Lower Upper
165 100
63 97.8 50.2 75.2#
89 71.4 48.4 72.6



#53
3-Nitroaniline
Concen: 2.673 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.094 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
108 7720.4 8.7 13.1#
92 1728.7 91.5 137.3#

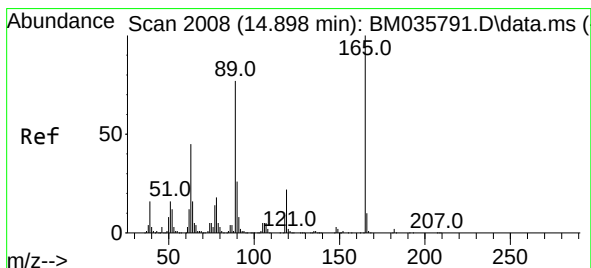
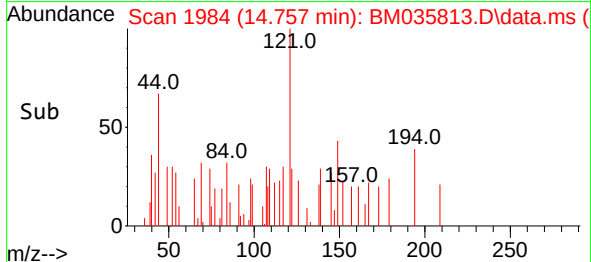
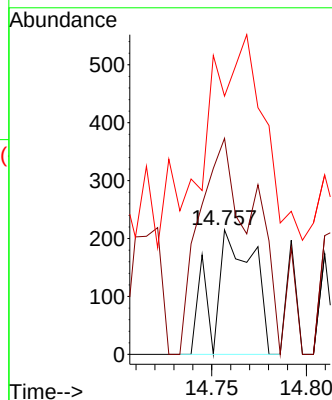
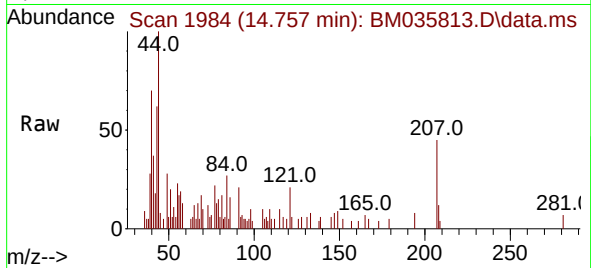




#56
4-Nitrophenol
Concen: 4.076 ng
RT: 14.757 min Scan# 1982
Delta R.T. 0.012 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

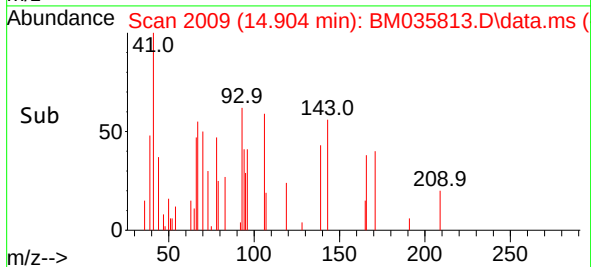
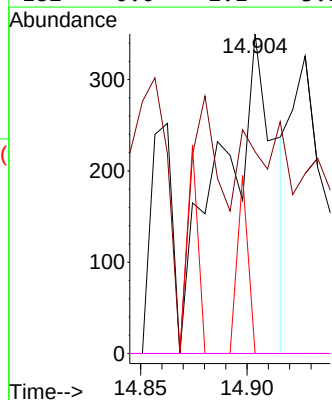
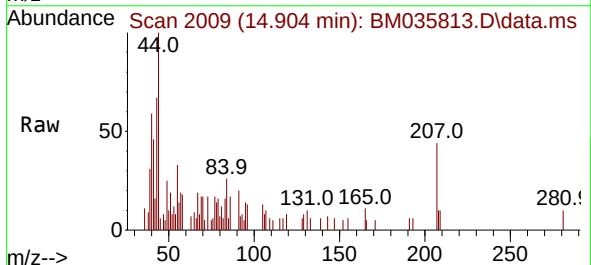
Instrument :
BNA_M
ClientSampleId :
SED-1-(18-24)

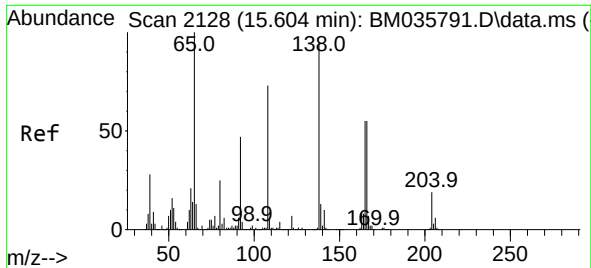
Tgt Ion:139 Resp: 317
Ion Ratio Lower Upper
139 100
109 173.5 62.5 102.5#
65 207.4 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.372 ng
RT: 14.904 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

Tgt Ion:165 Resp: 620
Ion Ratio Lower Upper
165 100
63 44.1 35.6 53.4
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#

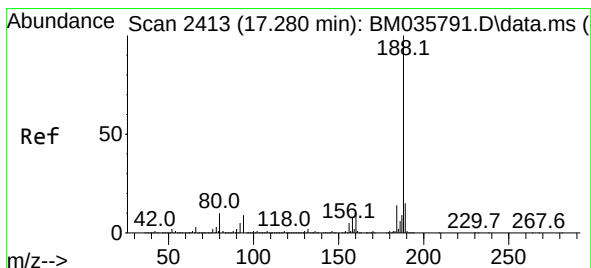
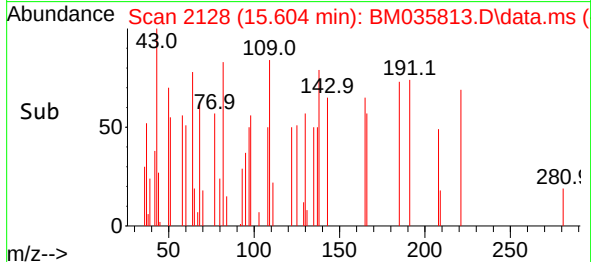
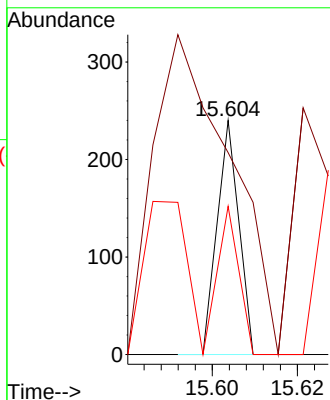
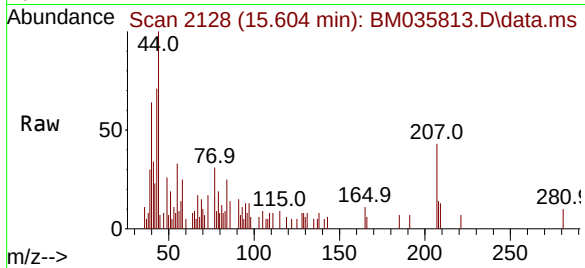




#62
4-Nitroaniline
Concen: 2.805 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

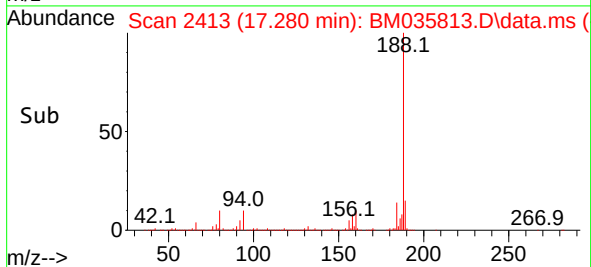
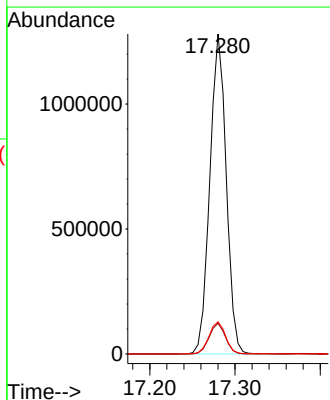
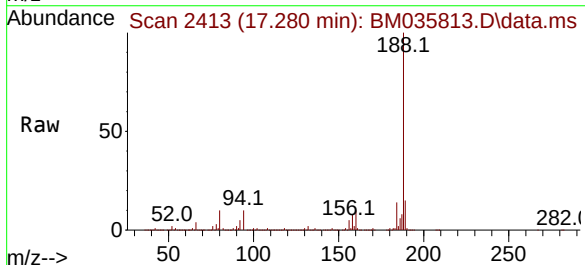
Instrument :
BNA_M
ClientSampleId :
SED-1-(18-24)

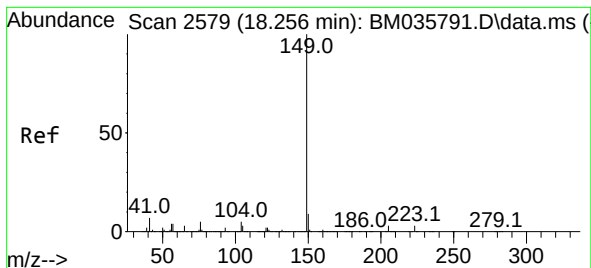
Tgt Ion:138 Resp: 85
Ion Ratio Lower Upper
138 100
92 86.3 30.8 70.8#
108 63.3 65.7 105.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035813.D
Acq: 14 Jul 2022 15:38

Tgt Ion:188 Resp: 1710731
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: 2.317 ng

RT: 18.256 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM035813.D

Acq: 14 Jul 2022 15:38

Instrument :

BNA_M

ClientSampleId :

SED-1-(18-24)

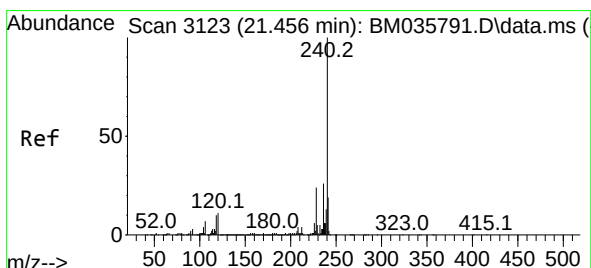
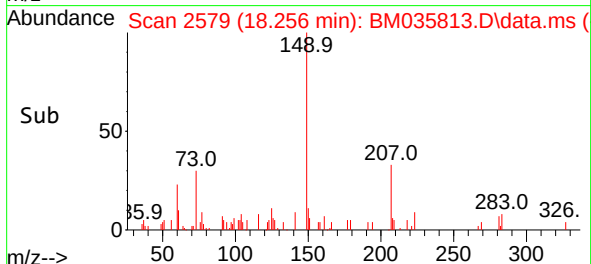
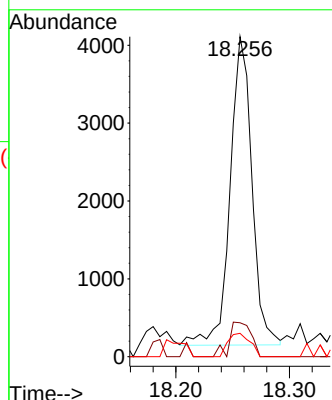
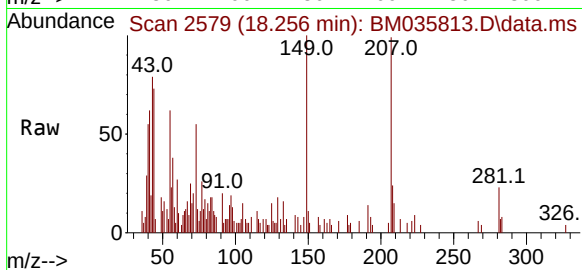
Tgt Ion:149 Resp: 5305

Ion Ratio Lower Upper

149 100

150 10.6 7.3 10.9

104 7.3 4.3 6.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM035813.D

Acq: 14 Jul 2022 15:38

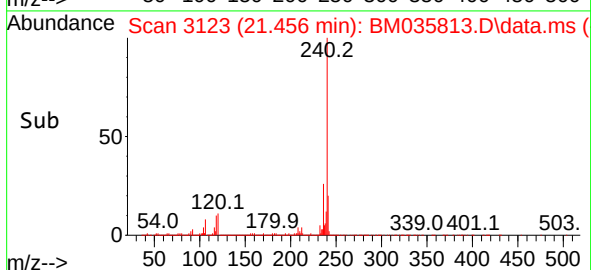
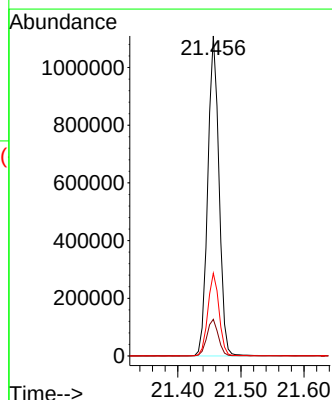
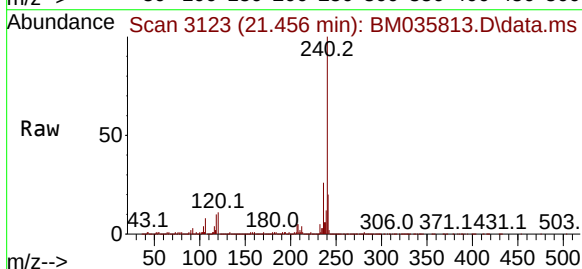
Tgt Ion:240 Resp: 1368084

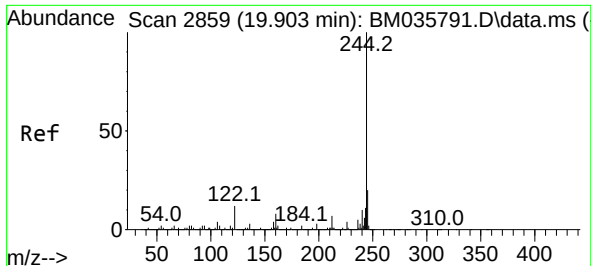
Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.0

236 25.8 20.6 30.8

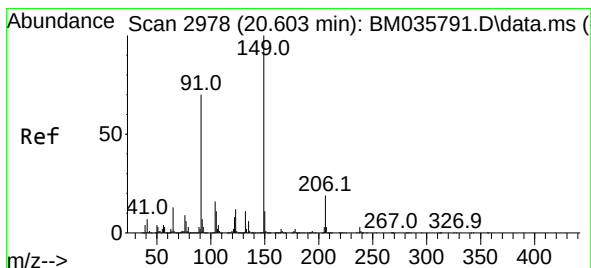
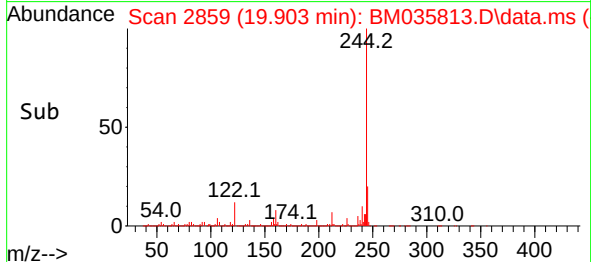
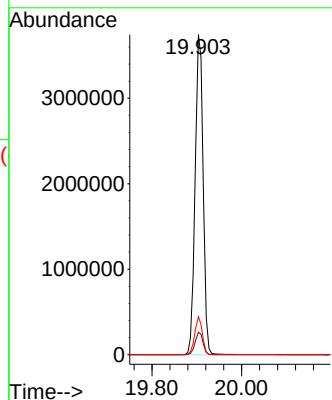
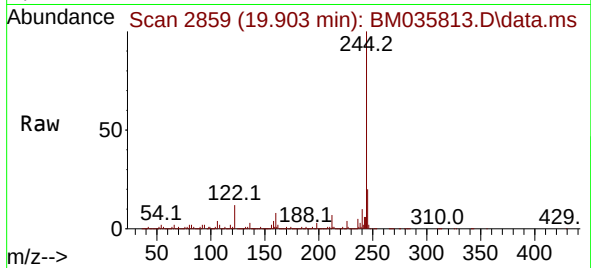




#79
 Terphenyl-d14
 Concen: 65.676 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035813.D
 Acq: 14 Jul 2022 15:38

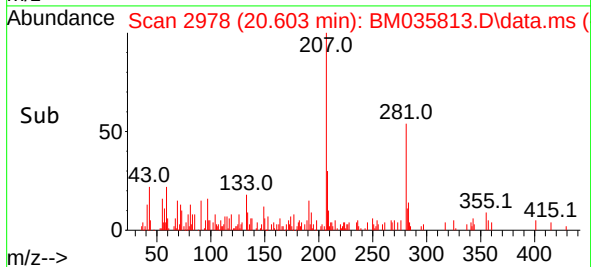
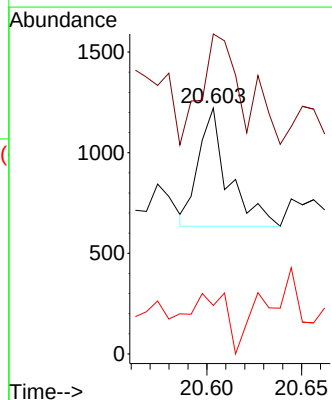
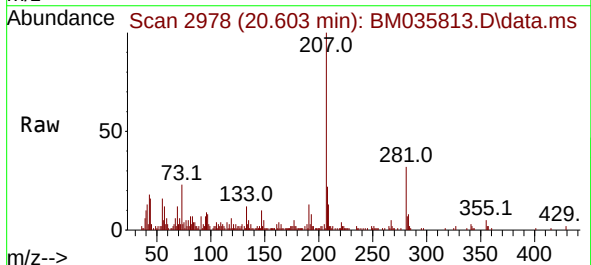
Instrument :
 BNA_M
 ClientSampleId :
 SED-1-(18-24)

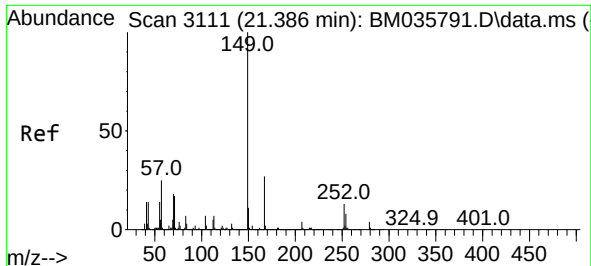
Tgt Ion:244 Resp: 4628638
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 11.9 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.180 ng
 RT: 20.603 min Scan# 2978
 Delta R.T. 0.000 min
 Lab File: BM035813.D
 Acq: 14 Jul 2022 15:38

Tgt Ion:149 Resp: 638
 Ion Ratio Lower Upper
 149 100
 91 130.1 56.6 85.0#
 206 19.7 15.4 23.0

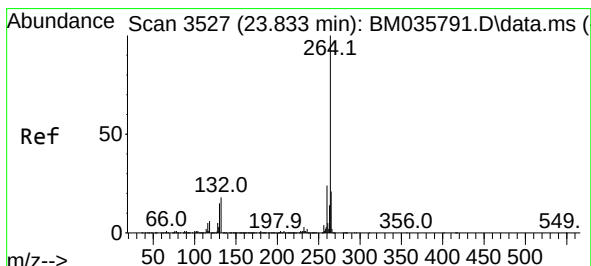
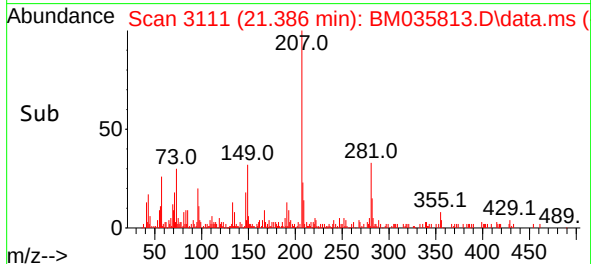
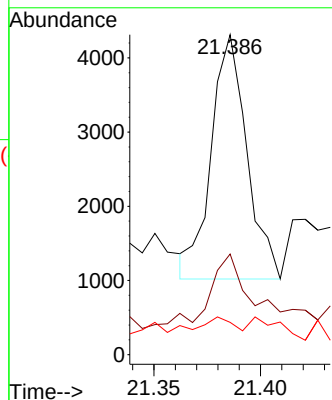
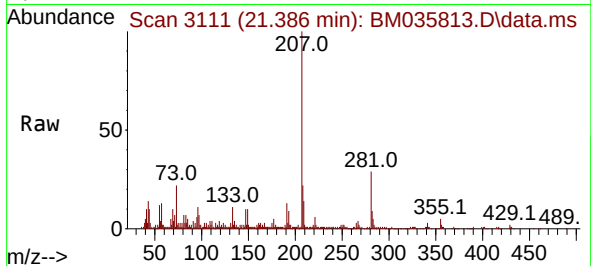




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.312 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BM035813.D
 Acq: 14 Jul 2022 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SED-1-(18-24)

Tgt Ion:149 Resp: 3815
 Ion Ratio Lower Upper
 149 100
 167 31.5 21.1 31.7
 279 10.1 2.8 4.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3529
 Delta R.T. 0.011 min
 Lab File: BM035813.D
 Acq: 14 Jul 2022 15:38

Tgt Ion:264 Resp: 1311344
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.4 17.5 26.3

