

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035822.D
 Acq On : 14 Jul 2022 21:08
 Operator : CG/JU
 Sample : N3652-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-7-(24-30)

Quant Time: Jul 15 01:11:27 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)

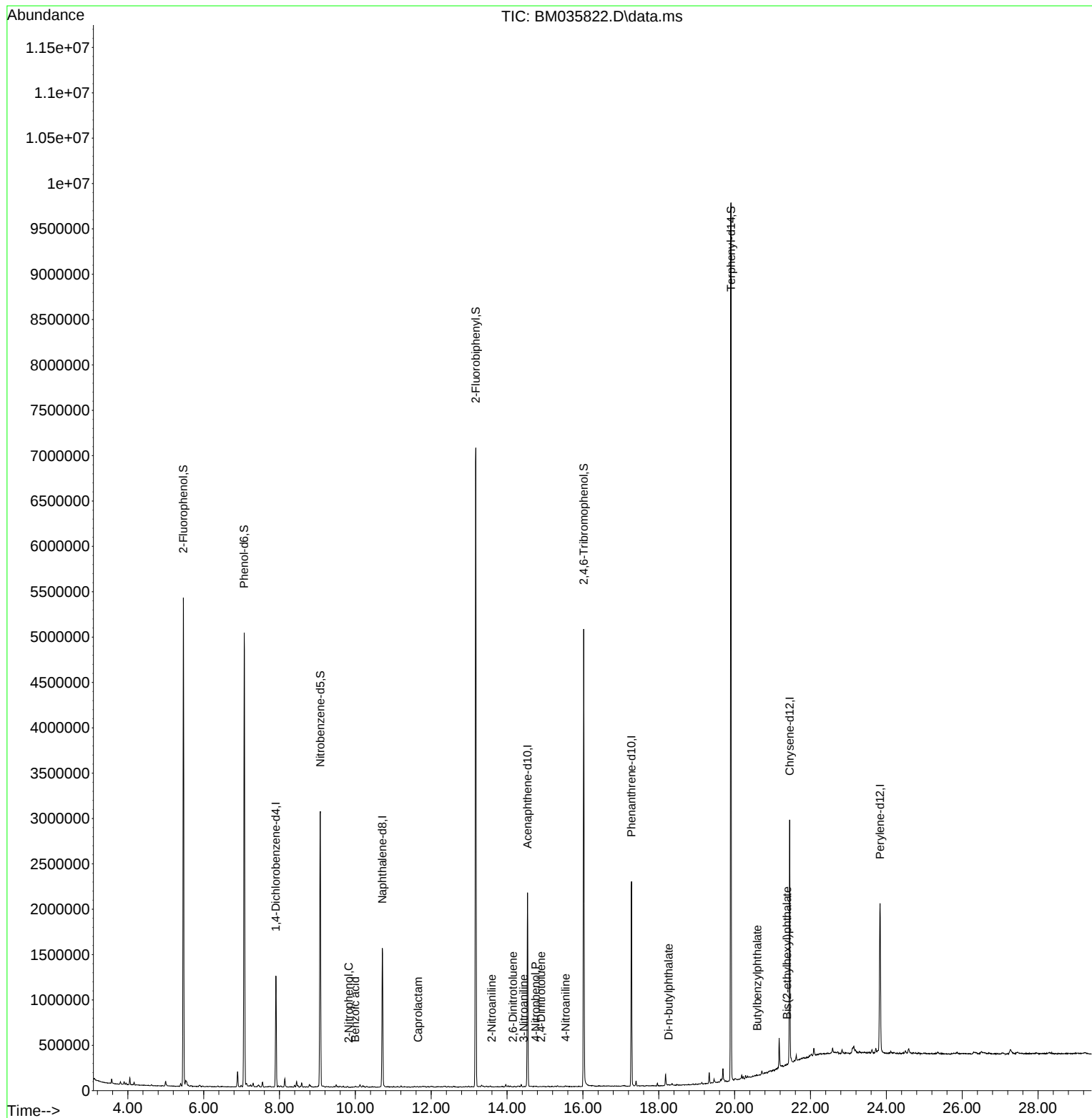
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	316701	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1283303	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	707732	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1337600	20.000	ng	0.00
76) Chrysene-d12	21.451	240	1197140	20.000	ng	0.00
86) Perylene-d12	23.833	264	1210058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2324746	119.231	ng	0.00
7) Phenol-d6	7.069	99	2821607	115.692	ng	0.00
23) Nitrobenzene-d5	9.075	82	1725905	76.884	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	899717	125.185	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	3580023	70.546	ng	0.00
79) Terphenyl-d14	19.904	244	4621887	74.945	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.822	139	57	4.579	ng	# 1
32) Benzoic acid	9.998	122	73	8.041	ng	# 1
35) Caprolactam	11.651	113	55	5.107	ng	# 1
48) 2-Nitroaniline	13.598	65	189	3.612	ng	# 36
51) 2,6-Dinitrotoluene	14.157	165	448	2.338	ng	# 95
53) 3-Nitroaniline	14.439	138	180	2.683	ng	# 45
56) 4-Nitrophenol	14.757	139	214	4.072	ng	# 1
57) 2,4-Dinitrotoluene	14.898	165	313	3.359	ng	# 22
62) 4-Nitroaniline	15.545	138	54	2.804	ng	# 1
74) Di-n-butylphthalate	18.257	149	2722	2.299	ng	# 81
80) Butylbenzylphthalate	20.598	149	650	4.183	ng	# 53
84) Bis(2-ethylhexyl)phtha...	21.380	149	4842	3.347	ng	# 98

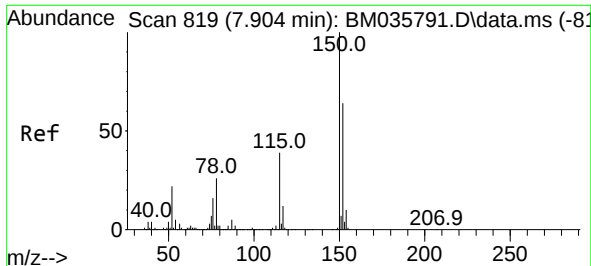
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
Data File : BM035822.D
Acq On : 14 Jul 2022 21:08
Operator : CG/JU
Sample : N3652-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

Quant Time: Jul 15 01:11:27 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

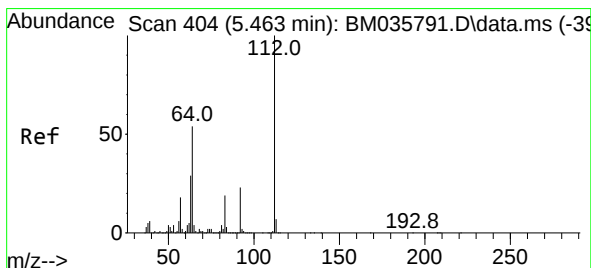
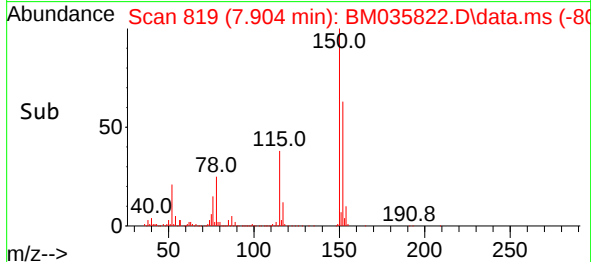
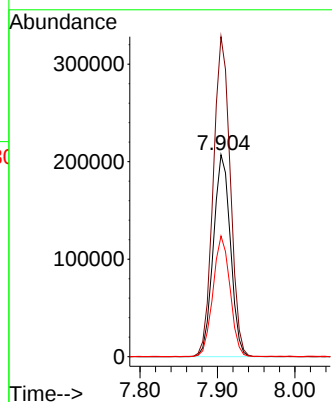
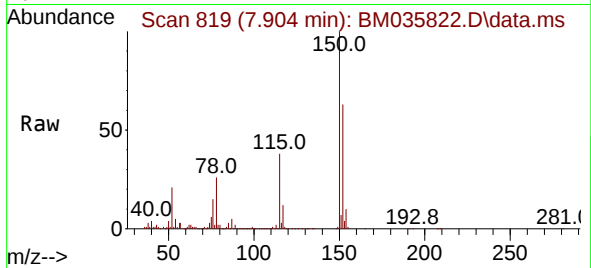




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035822.D
 Acq: 14 Jul 2022 21:08

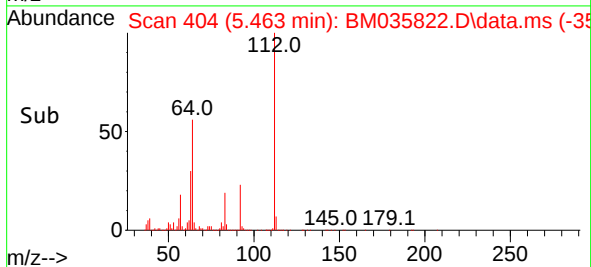
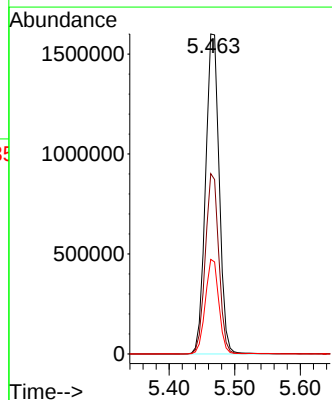
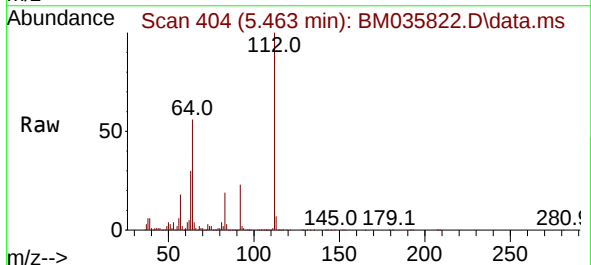
Instrument :
 BNA_M
 ClientSampleId :
 SED-7-(24-30)

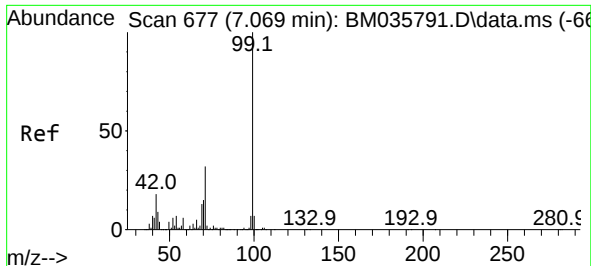
Tgt Ion:152 Resp: 316701
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.9 187.3
 115 59.8 47.9 71.9



#5
 2-Fluorophenol
 Concen: 119.231 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035822.D
 Acq: 14 Jul 2022 21:08

Tgt Ion:112 Resp: 2324746
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.8 71.6
 63 29.5 26.6 40.0

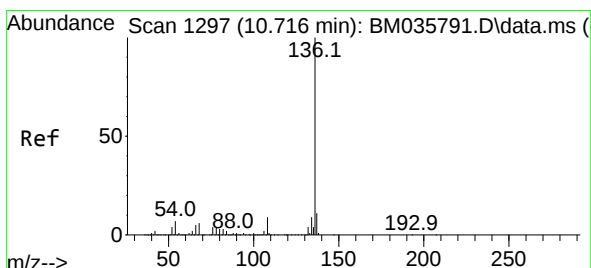
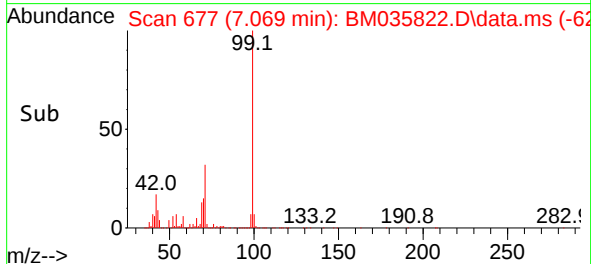
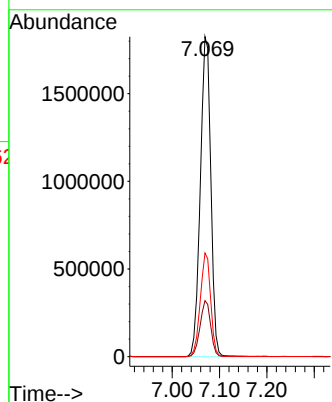
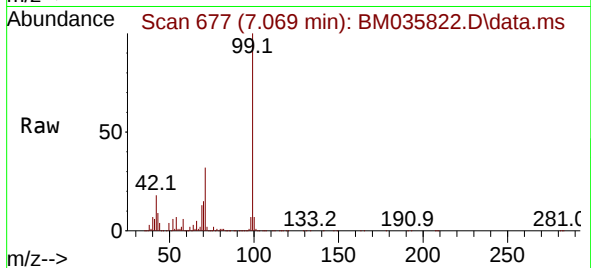




#7
Phenol-d6
Concen: 115.692 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

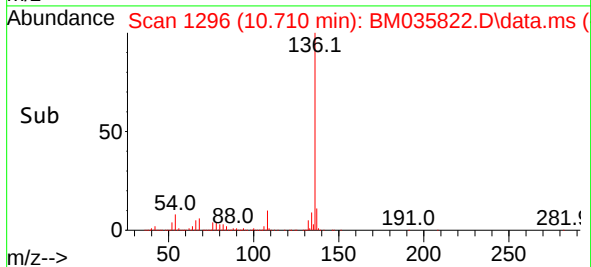
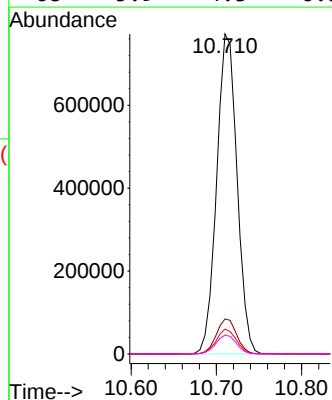
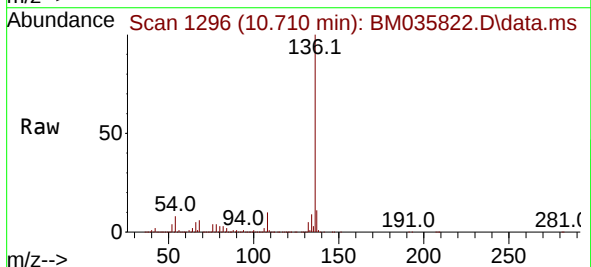
Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

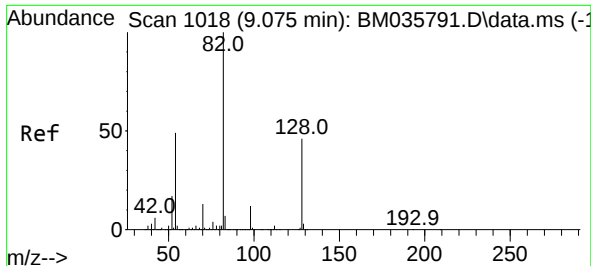
Tgt Ion: 99 Resp: 2821607
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2#
71 32.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion: 136 Resp: 1283303
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 7.0 10.4
68 5.9 4.3 6.5

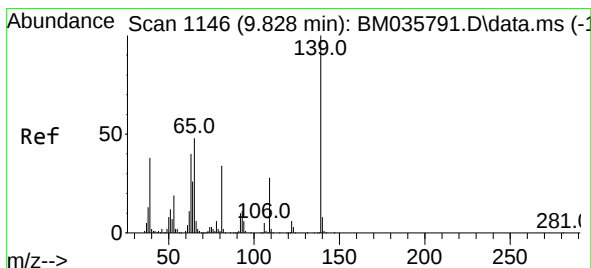
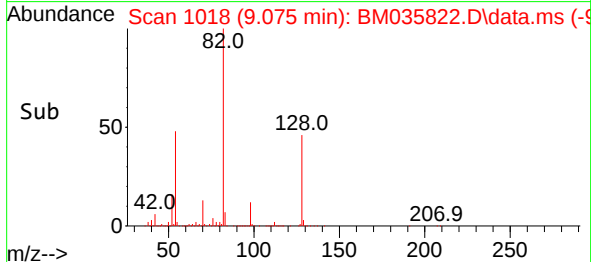
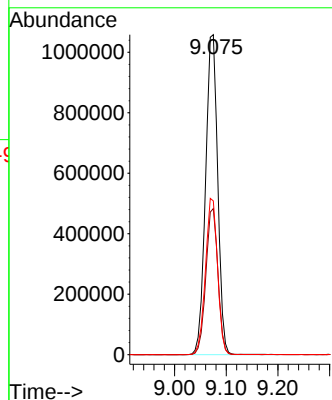
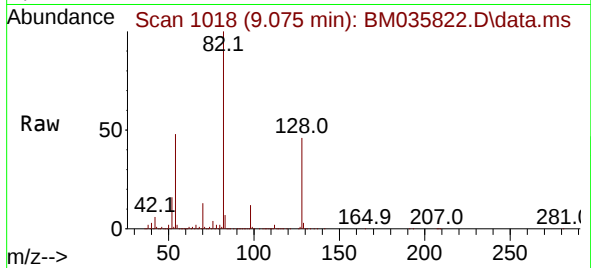




#23
Nitrobenzene-d5
Concen: 76.884 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

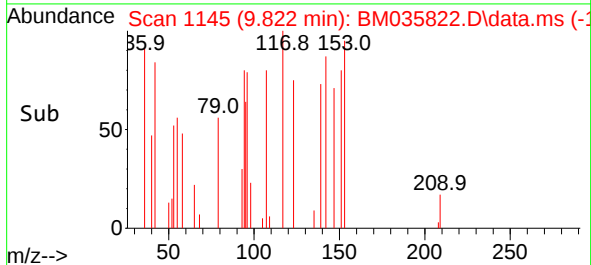
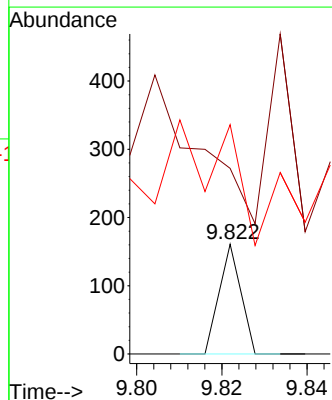
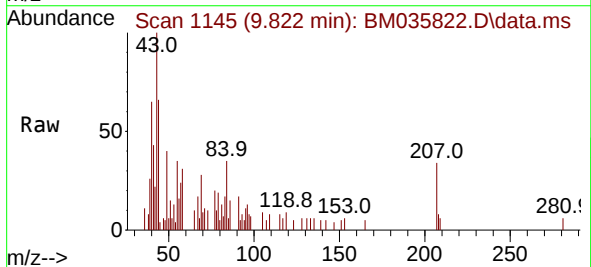
Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

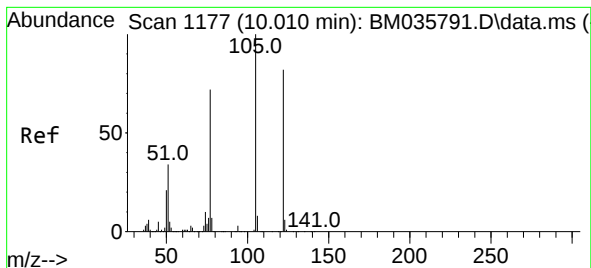
Tgt Ion: 82 Resp: 1725905
Ion Ratio Lower Upper
82 100
128 45.7 33.7 50.5
54 48.1 43.2 64.8



#26
2-Nitrophenol
Concen: 4.579 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 168.9 25.6 38.4#
65 208.7 43.2 64.8#





#32

Benzoic acid

Concen: 8.041 ng

RT: 9.998 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BM035822.D

Acq: 14 Jul 2022 21:08

Instrument :

BNA_M

ClientSampleId :

SED-7-(24-30)

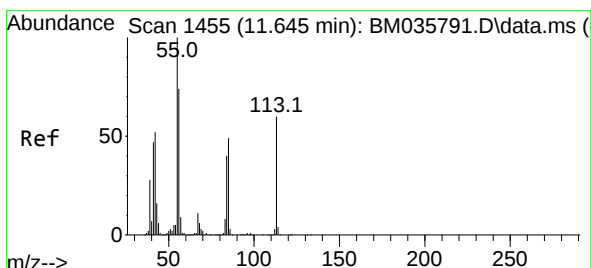
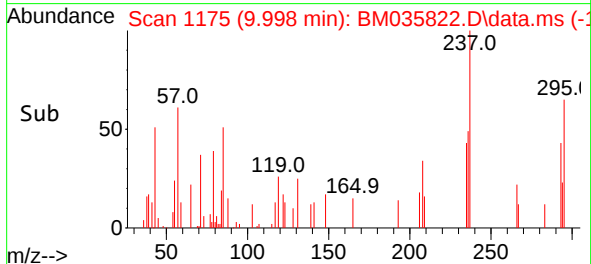
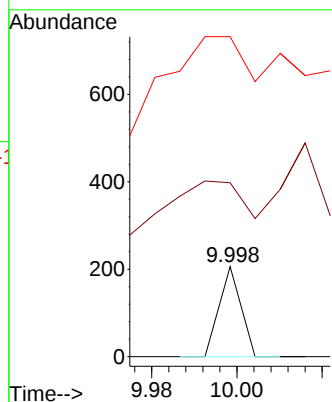
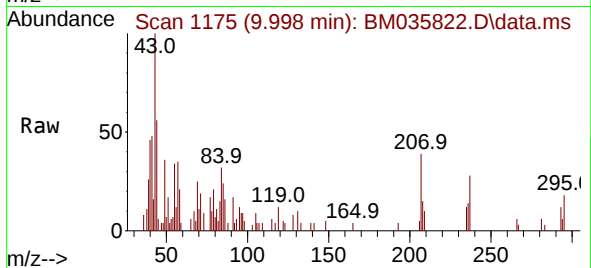
Tgt Ion:122 Resp: 73

Ion Ratio Lower Upper

122 100

105 193.2 105.7 145.7#

77 355.3 80.0 120.0#



#35

Caprolactam

Concen: 5.107 ng

RT: 11.651 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BM035822.D

Acq: 14 Jul 2022 21:08

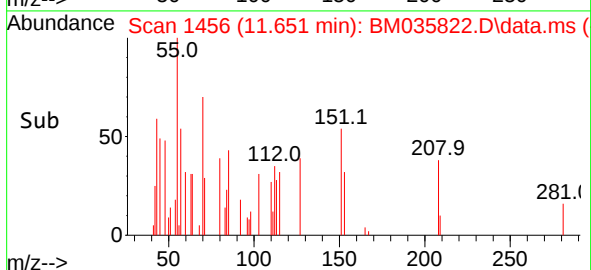
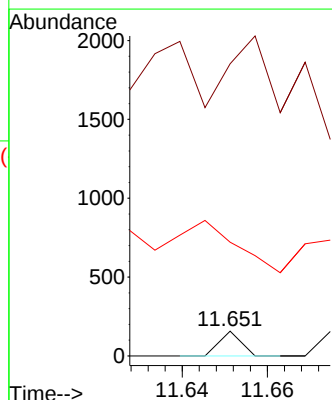
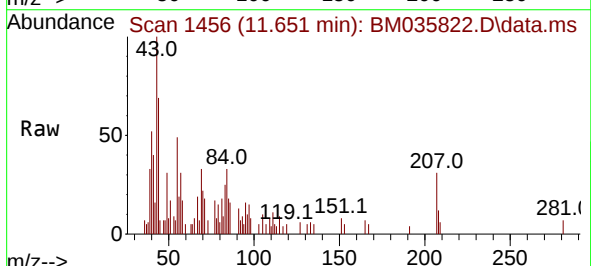
Tgt Ion:113 Resp: 55

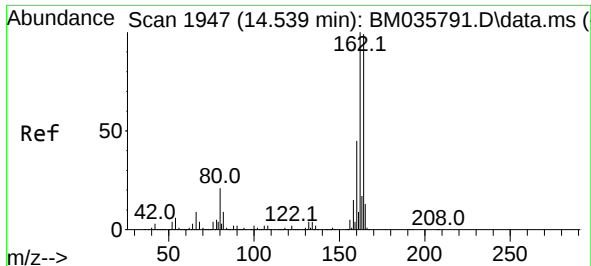
Ion Ratio Lower Upper

113 100

55 1179.6 150.1 190.1#

56 459.2 111.7 151.7#

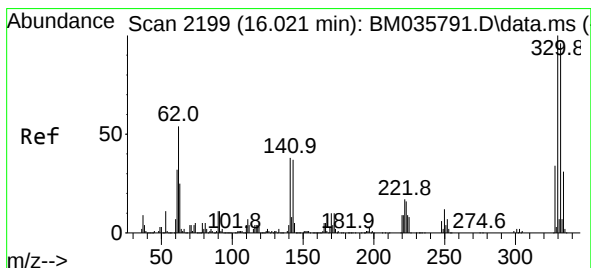
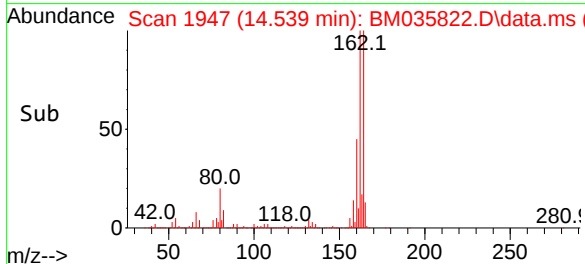
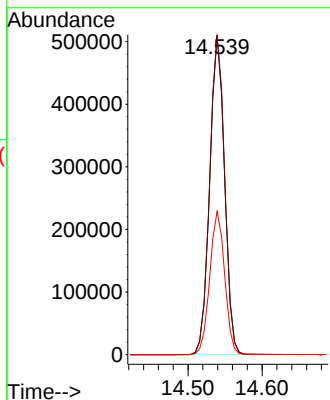
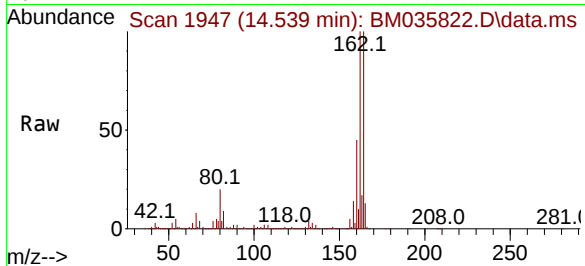




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

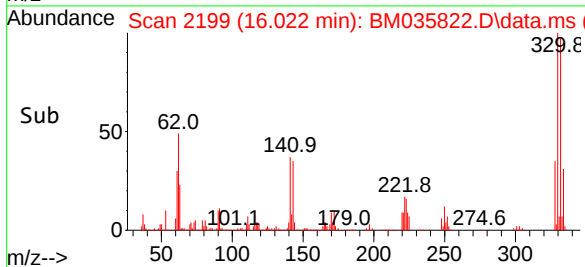
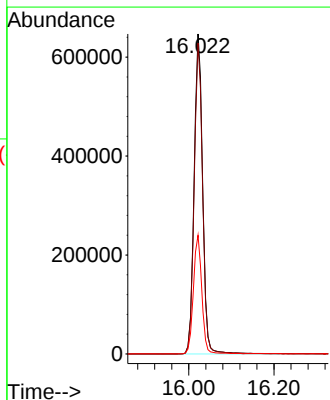
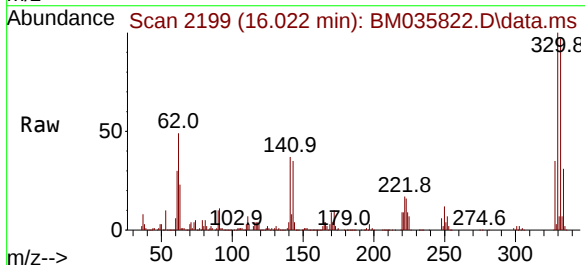
Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

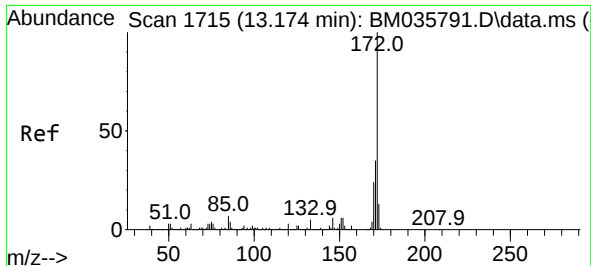
Tgt Ion:164 Resp: 707732
Ion Ratio Lower Upper
164 100
162 100.4 83.0 124.6
160 45.0 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 125.185 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion:330 Resp: 899717
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 36.6 35.3 52.9

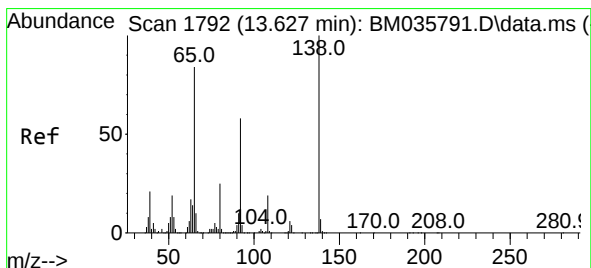
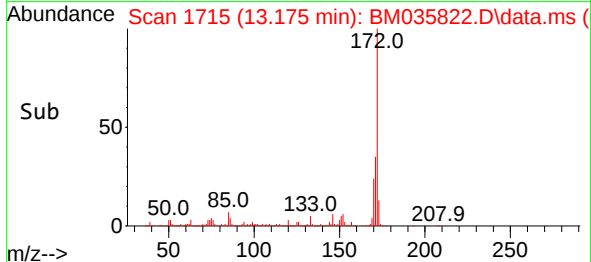
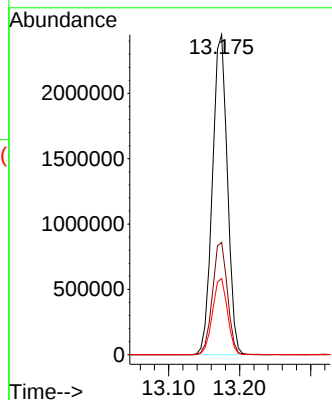
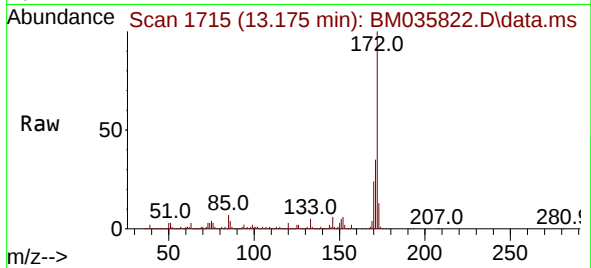




#45
2-Fluorobiphenyl
Concen: 70.546 ng
RT: 13.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

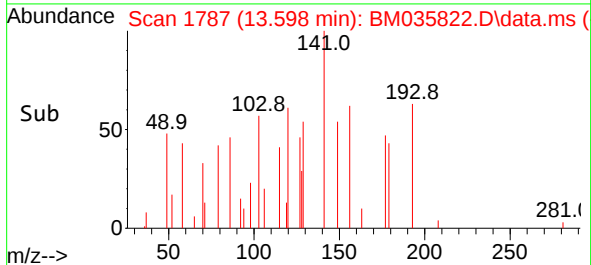
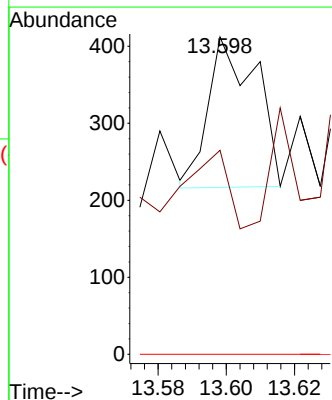
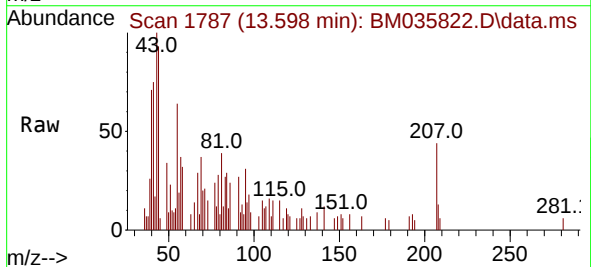
Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

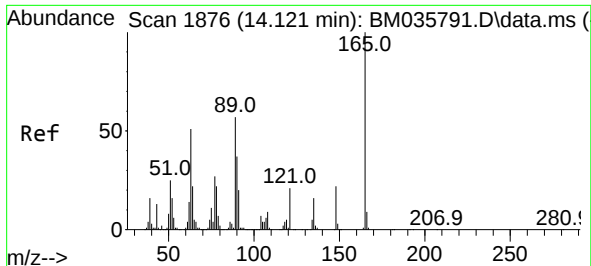
Tgt Ion:172 Resp: 3580023
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.8 18.7 28.1



#48
2-Nitroaniline
Concen: 3.612 ng
RT: 13.598 min Scan# 1787
Delta R.T. -0.029 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion: 65 Resp: 189
Ion Ratio Lower Upper
65 100
92 64.3 53.7 80.5
138 0.0 83.9 125.9#

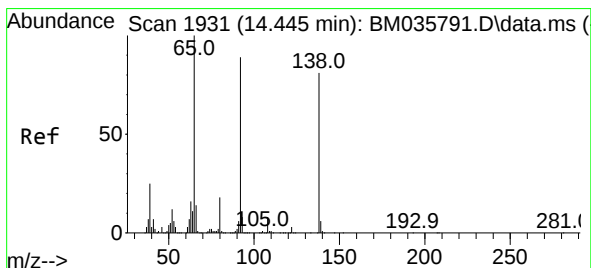
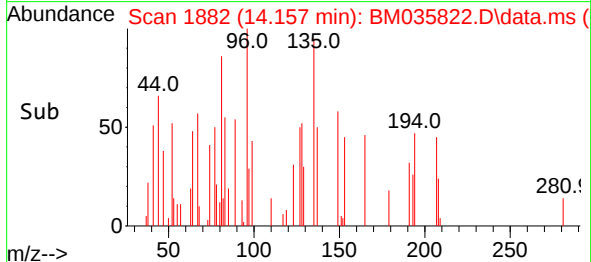
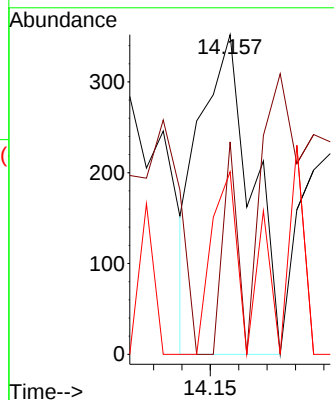
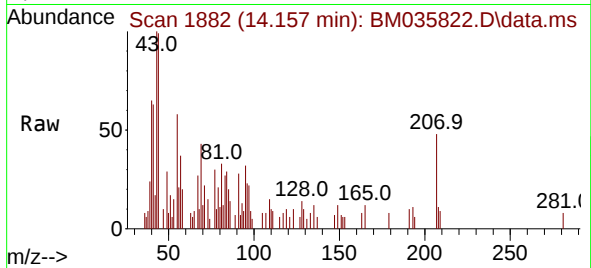




#51
2,6-Dinitrotoluene
Concen: 2.338 ng
RT: 14.157 min Scan# 1882
Delta R.T. 0.036 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

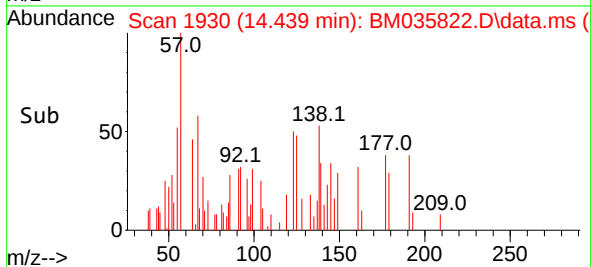
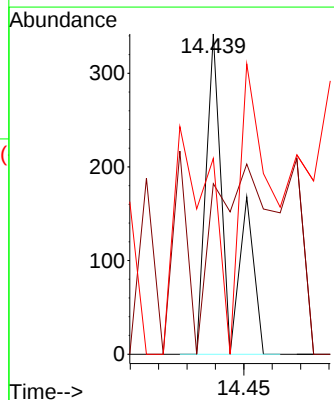
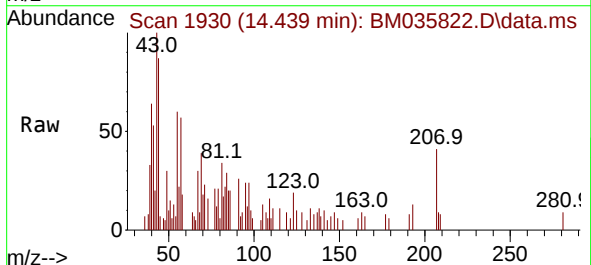
Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

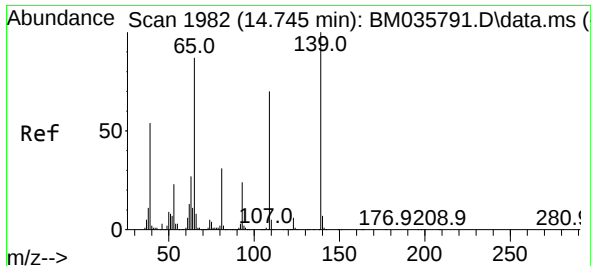
Tgt Ion:165 Resp: 448
Ion Ratio Lower Upper
165 100
63 66.5 50.2 75.2
89 57.1 48.4 72.6



#53
3-Nitroaniline
Concen: 2.683 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion:138 Resp: 180
Ion Ratio Lower Upper
138 100
108 53.2 8.7 13.1#
92 61.1 91.5 137.3#

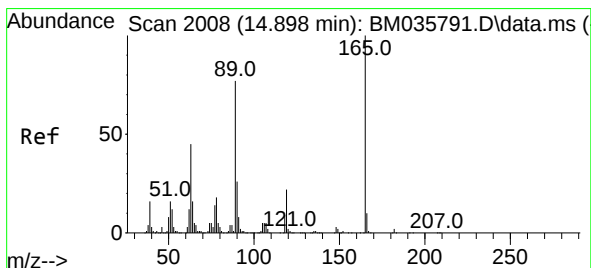
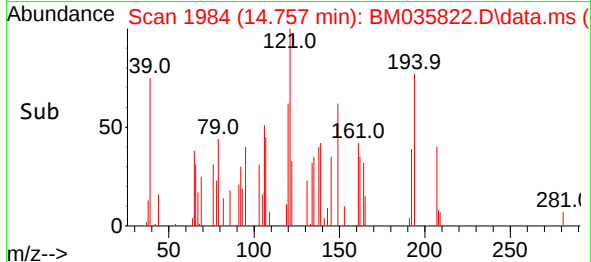
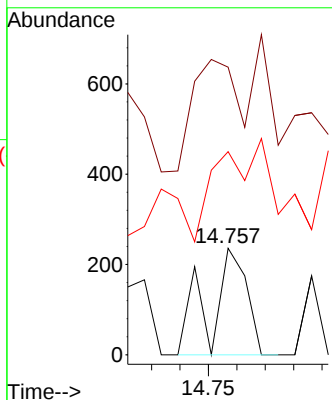
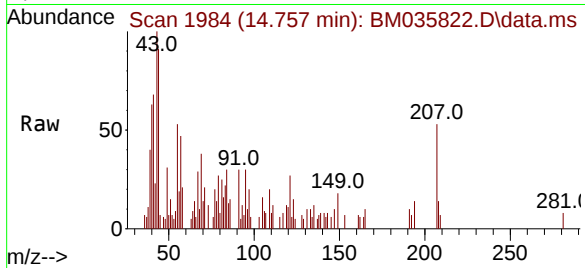




#56
4-Nitrophenol
Concen: 4.072 ng
RT: 14.757 min Scan# 1982
Delta R.T. 0.012 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

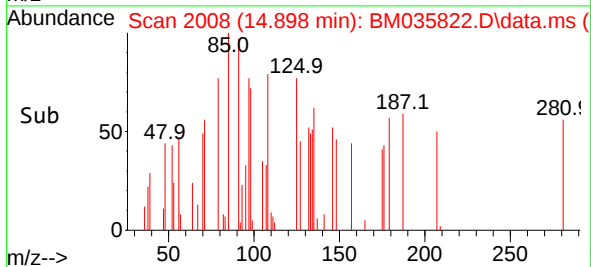
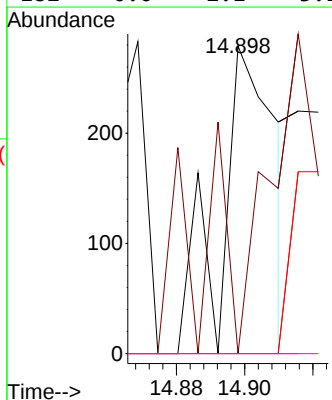
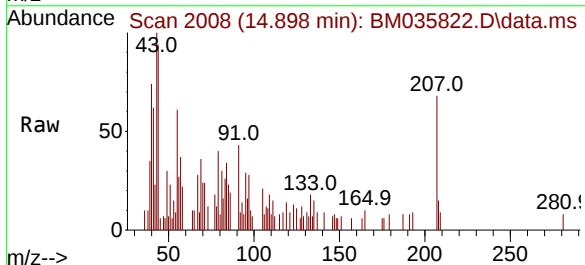
Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

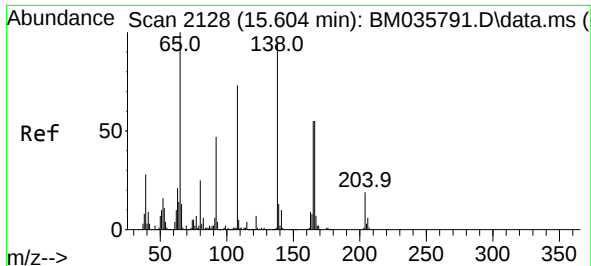
Tgt Ion:139 Resp: 214
Ion Ratio Lower Upper
139 100
109 269.9 62.5 102.5#
65 190.7 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.359 ng
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion:165 Resp: 313
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#

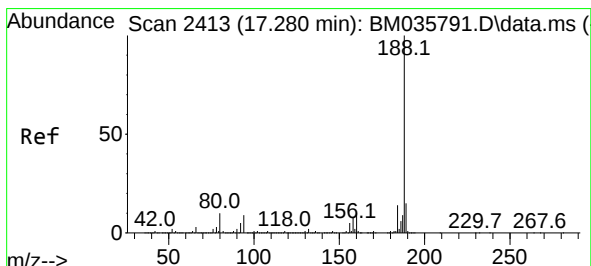
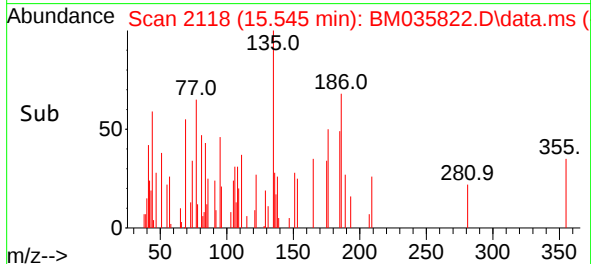
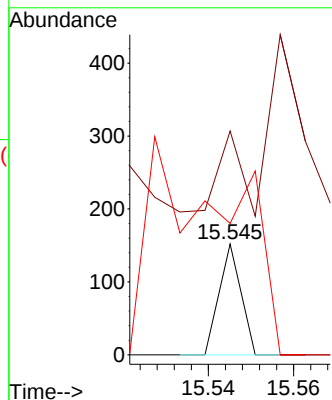
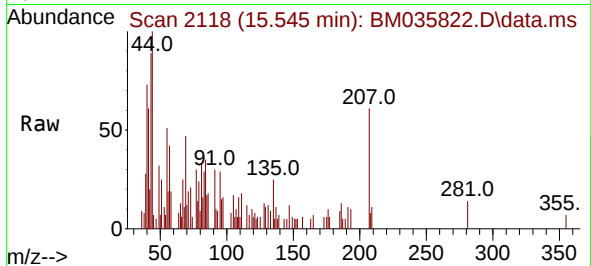




#62
4-Nitroaniline
Concen: 2.804 ng
RT: 15.545 min Scan# 2128
Delta R.T. -0.059 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

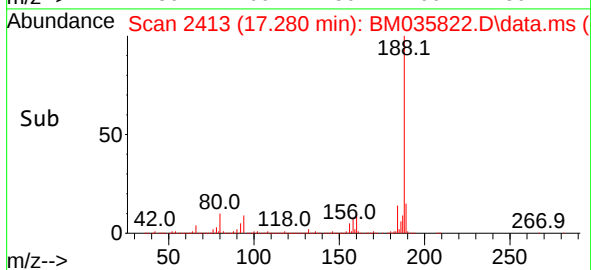
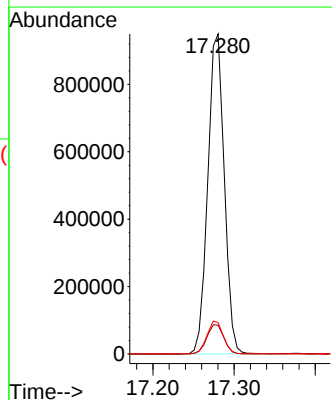
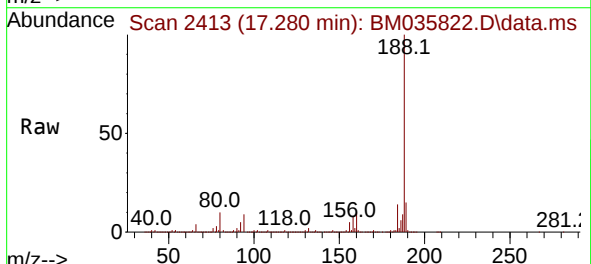
Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

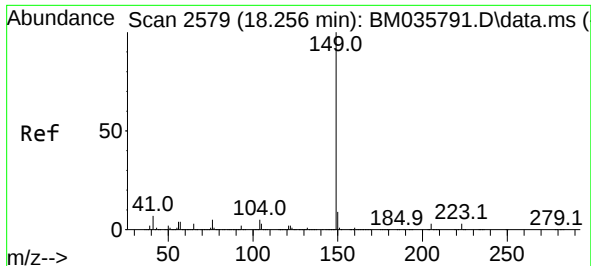
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
92 202.0 30.8 70.8#
108 118.4 65.7 105.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion:188 Resp: 1337600
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.8 7.6 11.4

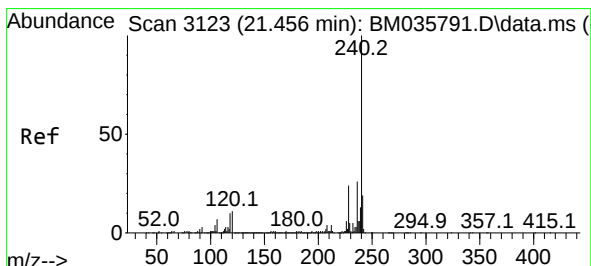
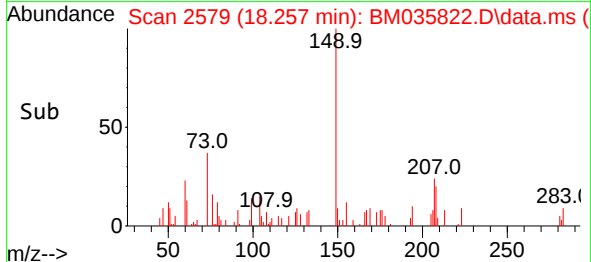
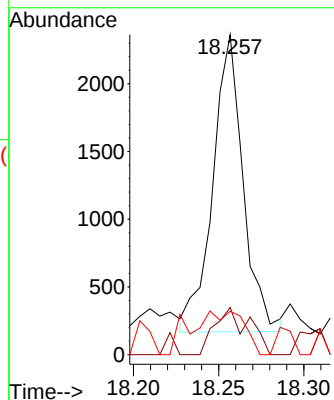
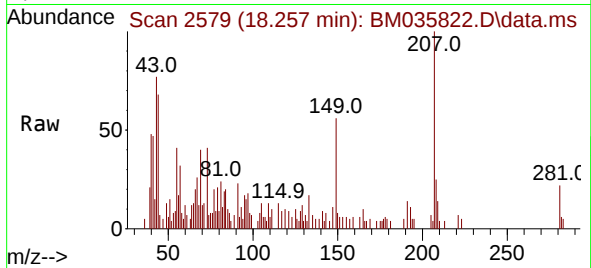




#74
Di-n-butylphthalate
Concen: 2.299 ng
RT: 18.257 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

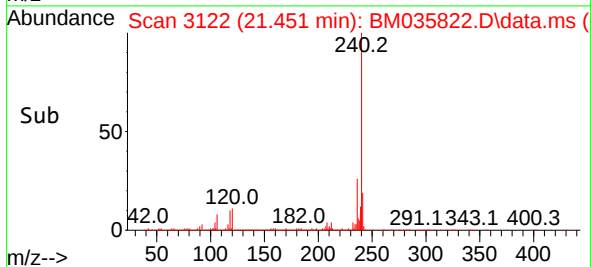
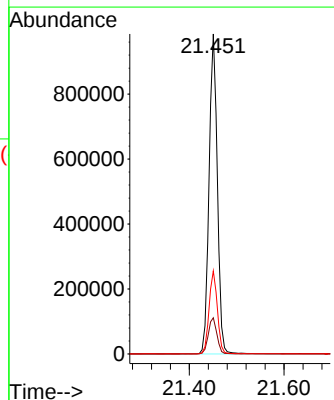
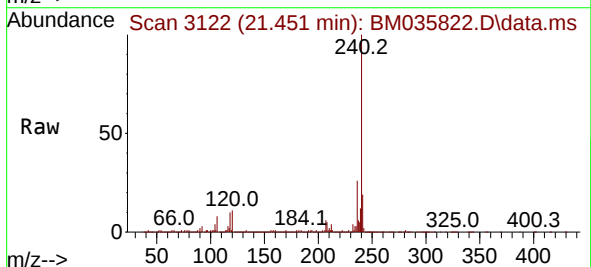
Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

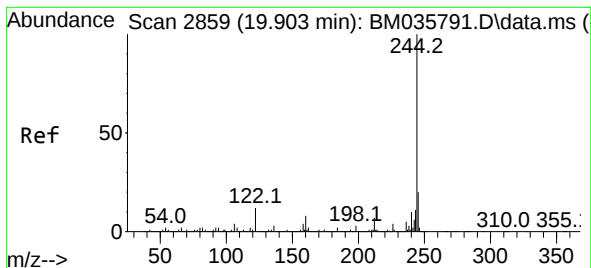
Tgt Ion:149 Resp: 2722
Ion Ratio Lower Upper
149 100
150 14.7 7.3 10.9#
104 13.5 4.3 6.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion:240 Resp: 1197140
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.0
236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 74.945 ng

RT: 19.904 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM035822.D

Acq: 14 Jul 2022 21:08

Instrument :

BNA_M

ClientSampleId :

SED-7-(24-30)

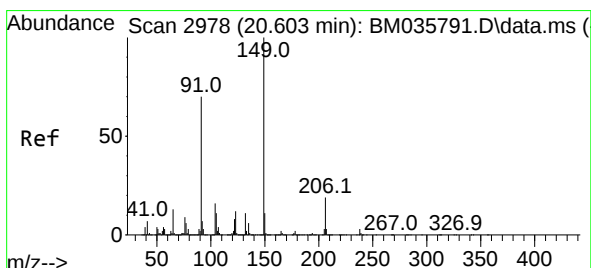
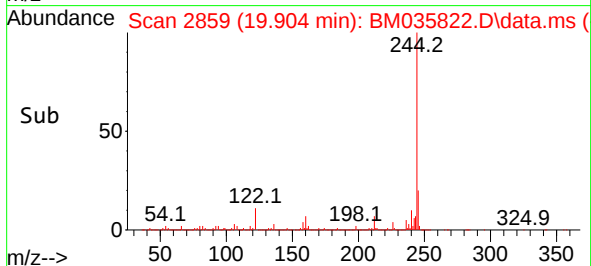
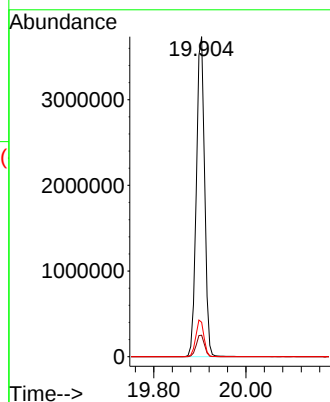
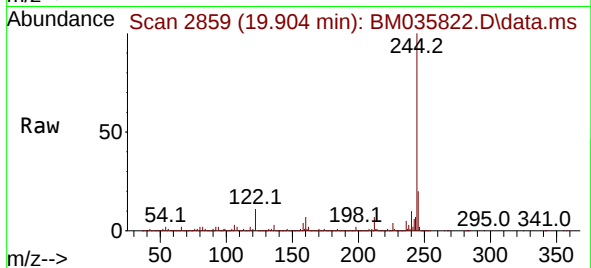
Tgt Ion:244 Resp: 4621887

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.4

122 10.8 8.3 12.5



#80

Butylbenzylphthalate

Concen: 4.183 ng

RT: 20.598 min Scan# 2977

Delta R.T. -0.005 min

Lab File: BM035822.D

Acq: 14 Jul 2022 21:08

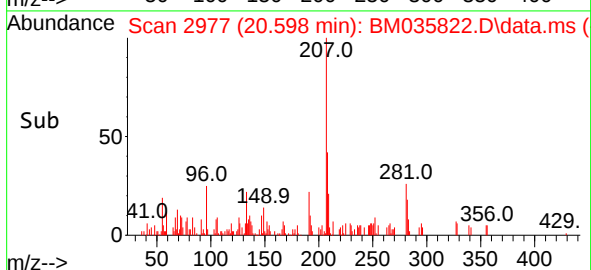
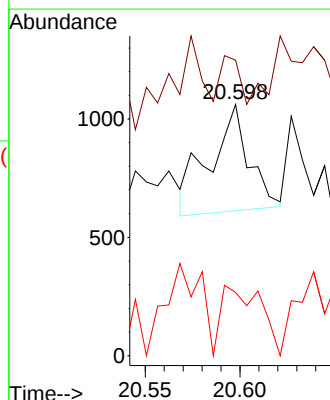
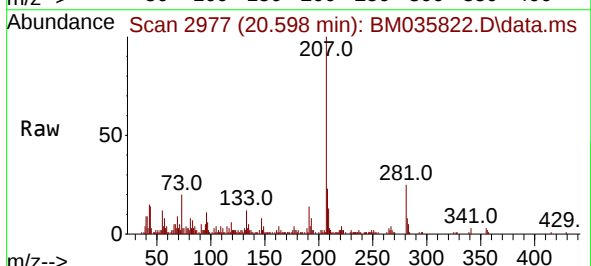
Tgt Ion:149 Resp: 650

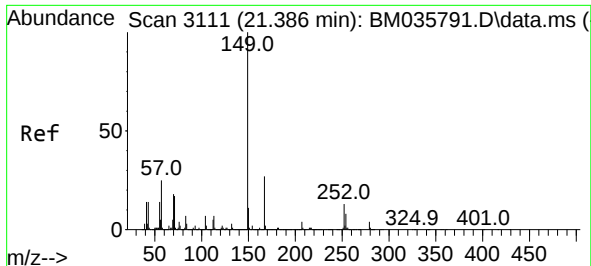
Ion Ratio Lower Upper

149 100

91 117.6 56.6 85.0#

206 25.2 15.4 23.0#

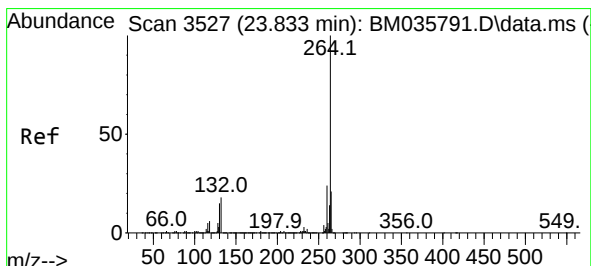
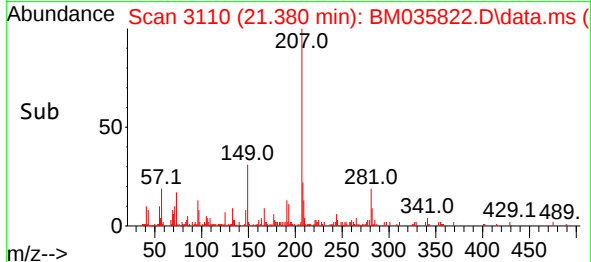
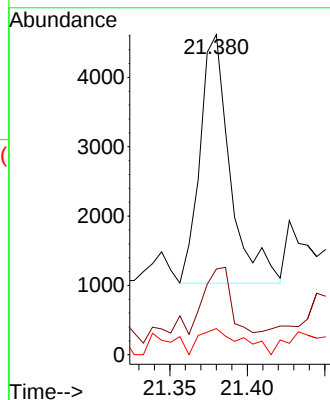
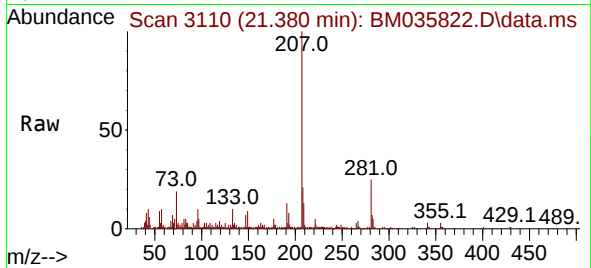




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.347 ng
RT: 21.380 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Instrument :
BNA_M
ClientSampleId :
SED-7-(24-30)

Tgt Ion:149 Resp: 4842
Ion Ratio Lower Upper
149 100
167 26.8 21.1 31.7
279 8.2 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BM035822.D
Acq: 14 Jul 2022 21:08

Tgt Ion:264 Resp: 1210058
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.7 17.5 26.3

