

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035806.D
 Acq On : 14 Jul 2022 11:07
 Operator : CG/JU
 Sample : PB146188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146188BL

Quant Time: Jul 15 01:08:49 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)

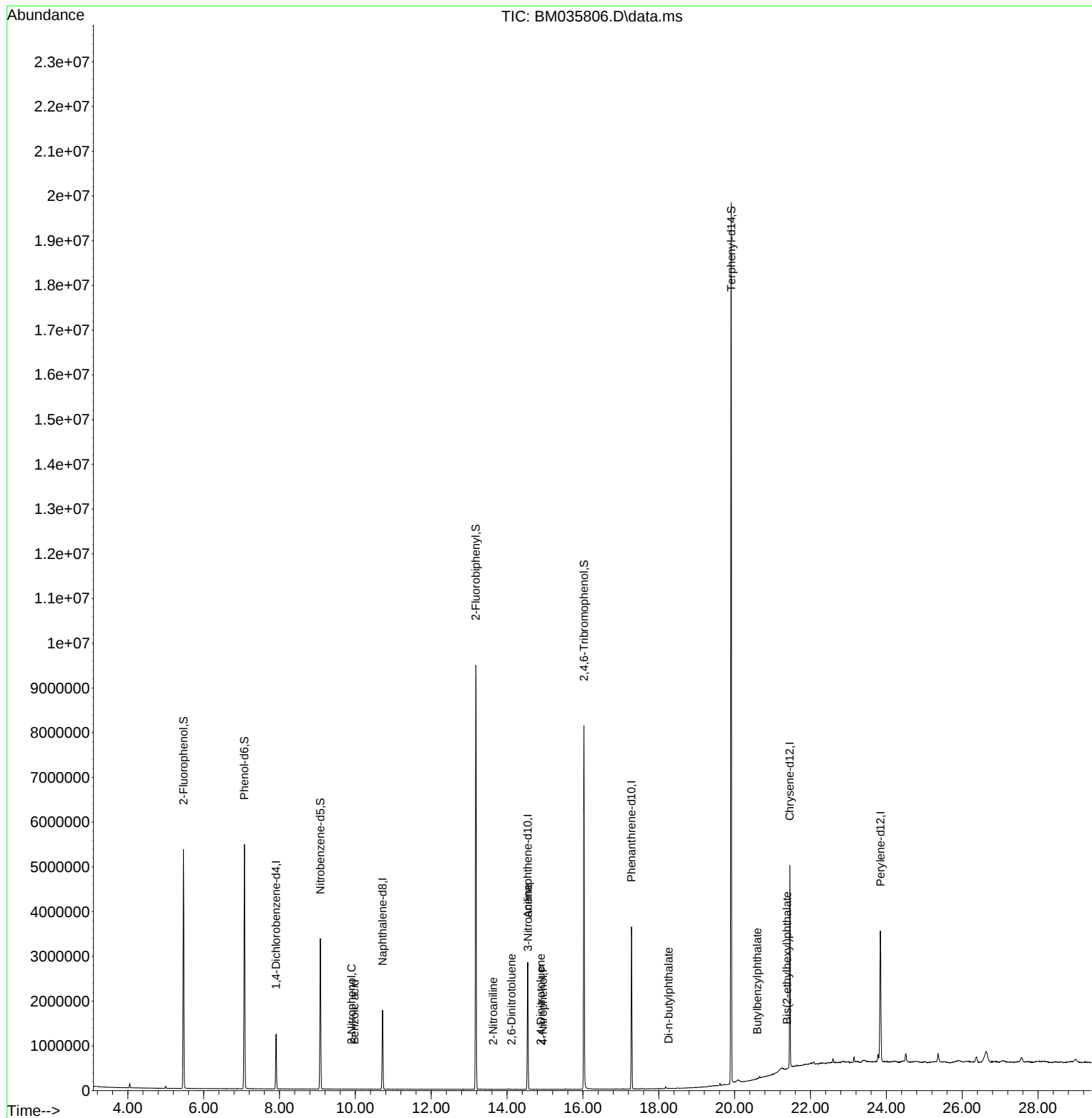
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	326019	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1456261	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	953914	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	2107559	20.000	ng	0.00
76) Chrysene-d12	21.456	240	2014826	20.000	ng	0.00
86) Perylene-d12	23.845	264	2154978	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2304571	114.818	ng	0.00
7) Phenol-d6	7.075	99	3062147	121.966	ng	0.00
23) Nitrobenzene-d5	9.075	82	1862033	73.097	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	1473179	152.077	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4799862	70.174	ng	0.00
79) Terphenyl-d14	19.909	244	9191676	88.557	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.898	139	53	4.578	ng	# 1
32) Benzoic acid	9.975	122	127	8.045	ng	# 1
48) 2-Nitroaniline	13.633	65	479	3.627	ng	# 5
51) 2,6-Dinitrotoluene	14.116	165	346	2.320	ng	# 20
53) 3-Nitroaniline	14.551	138	55	2.672	ng	# 1
56) 4-Nitrophenol	14.945	139	219	4.067	ng	# 97
57) 2,4-Dinitrotoluene	14.886	165	334	3.354	ng	# 22
74) Di-n-butylphthalate	18.257	149	2731	2.286	ng	# 93
80) Butylbenzylphthalate	20.598	149	732	4.175	ng	# 52
84) Bis(2-ethylhexyl)phtha...	21.380	149	3026	3.276	ng	# 83

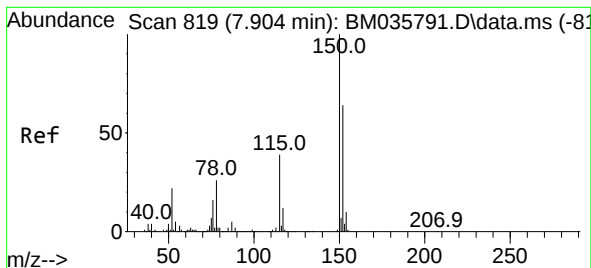
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
Data File : BM035806.D
Acq On : 14 Jul 2022 11:07
Operator : CG/JU
Sample : PB146188BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB146188BL

Quant Time: Jul 15 01:08:49 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

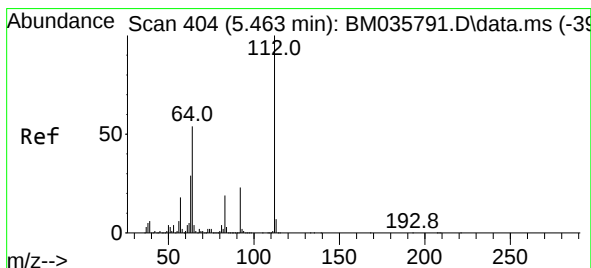
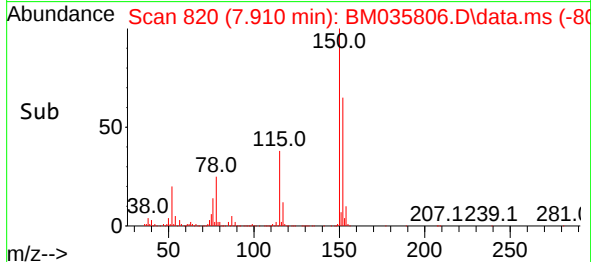
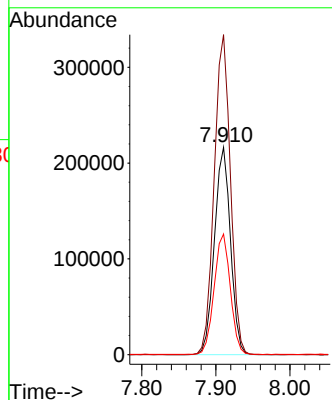
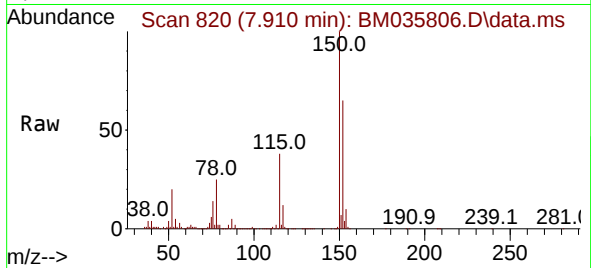




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

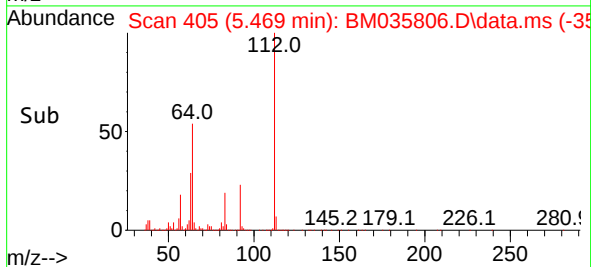
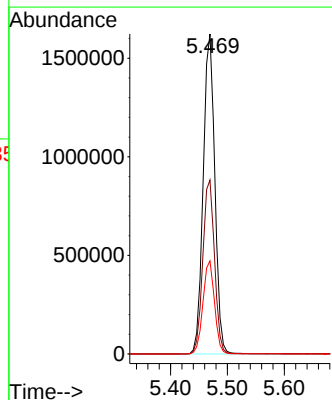
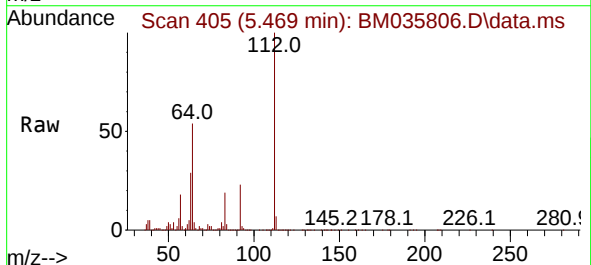
Instrument :
BNA_M
ClientSampleId :
PB146188BL

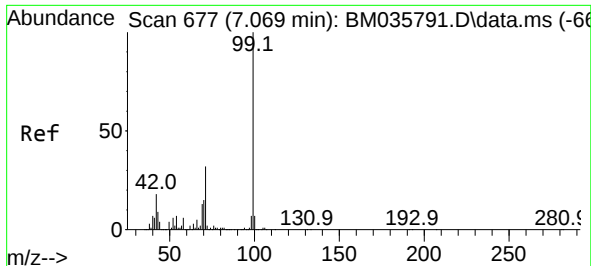
Tgt Ion:152 Resp: 326019
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 58.2 47.9 71.9



#5
2-Fluorophenol
Concen: 114.818 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Tgt Ion:112 Resp: 2304571
Ion Ratio Lower Upper
112 100
64 54.3 47.8 71.6
63 29.1 26.6 40.0

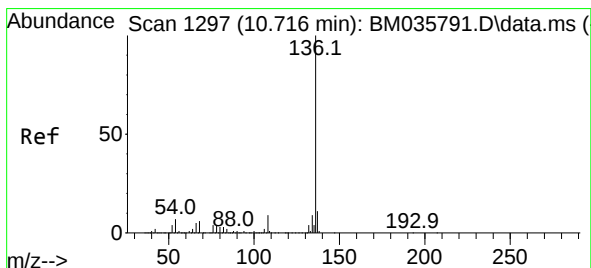
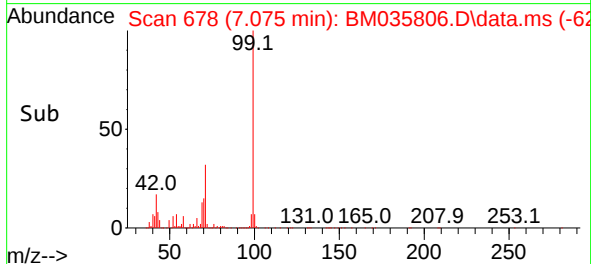
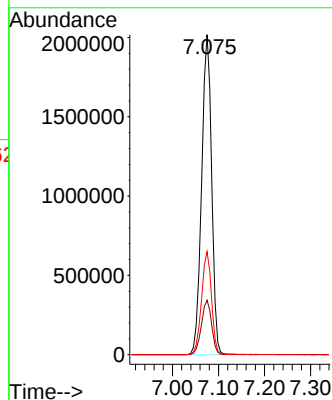
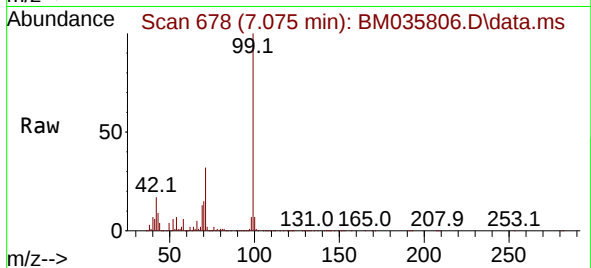




#7
Phenol-d6
Concen: 121.966 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

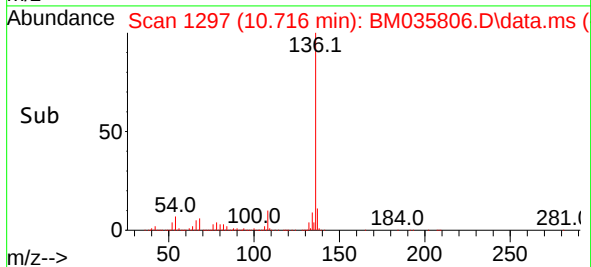
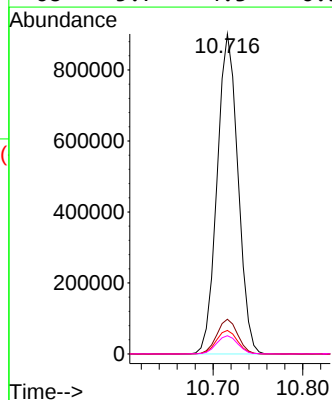
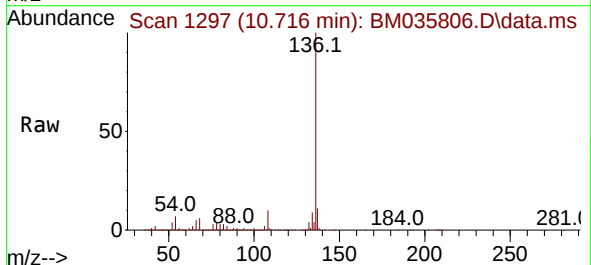
Instrument :
BNA_M
ClientSampleId :
PB146188BL

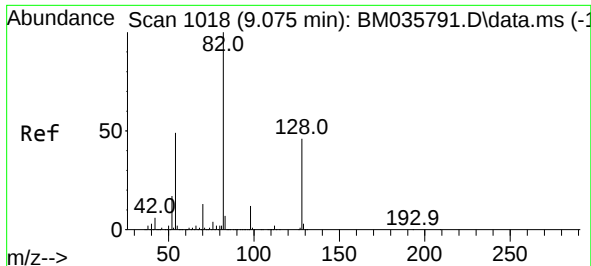
Tgt Ion: 99 Resp: 3062147
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 32.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Tgt Ion: 136 Resp: 1456261
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 7.0 10.4
68 5.7 4.3 6.5

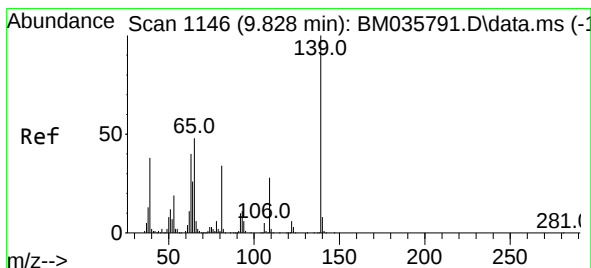
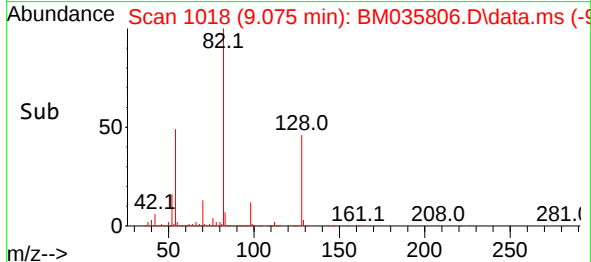
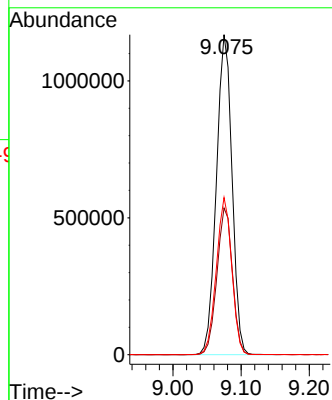
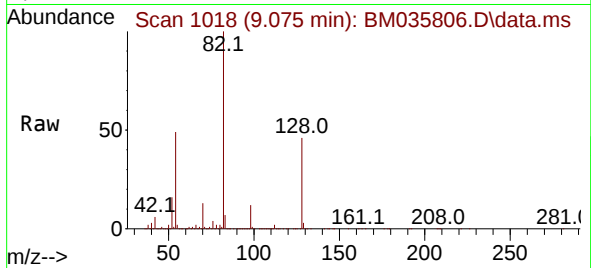




#23
Nitrobenzene-d5
Concen: 73.097 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

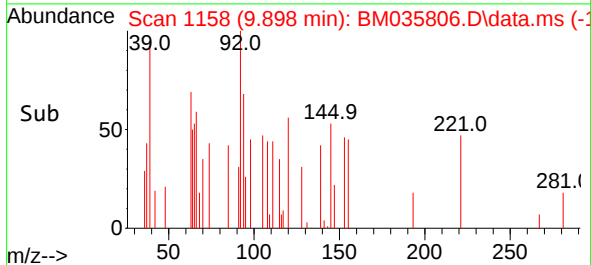
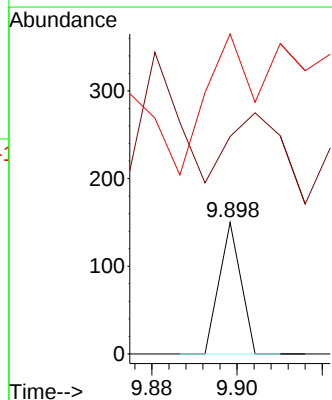
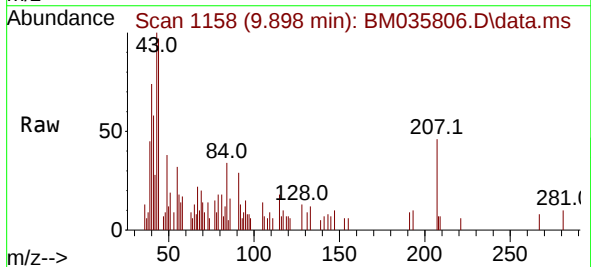
Instrument :
BNA_M
ClientSampleId :
PB146188BL

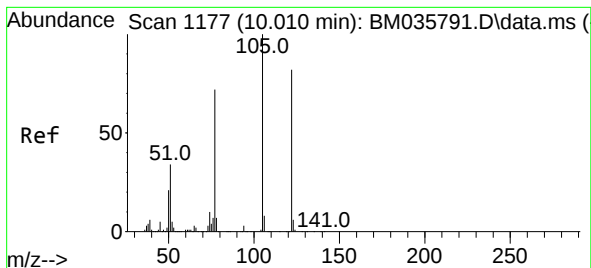
Tgt Ion: 82 Resp: 1862033
Ion Ratio Lower Upper
82 100
128 45.8 33.7 50.5
54 49.1 43.2 64.8



#26
2-Nitrophenol
Concen: 4.578 ng
RT: 9.898 min Scan# 1158
Delta R.T. 0.070 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 165.3 25.6 38.4#
65 243.3 43.2 64.8#





#32

Benzoic acid

Concen: 8.045 ng

RT: 9.975 min Scan# 1177

Delta R.T. -0.035 min

Lab File: BM035806.D

Acq: 14 Jul 2022 11:07

Instrument :

BNA_M

ClientSampleId :

PB146188BL

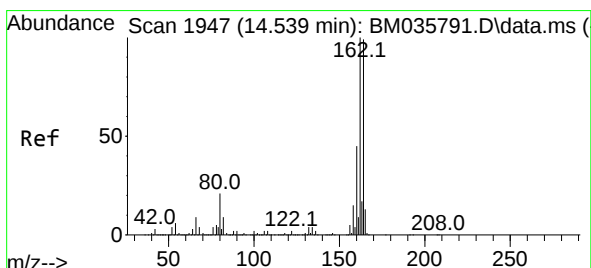
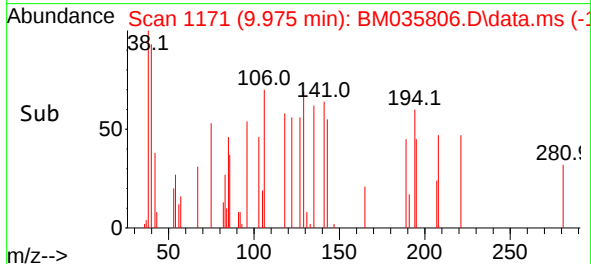
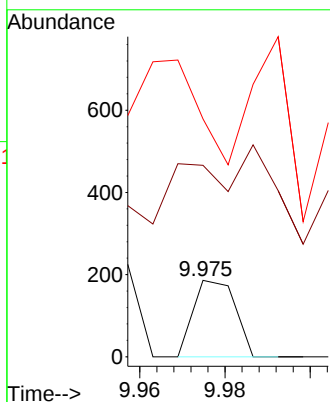
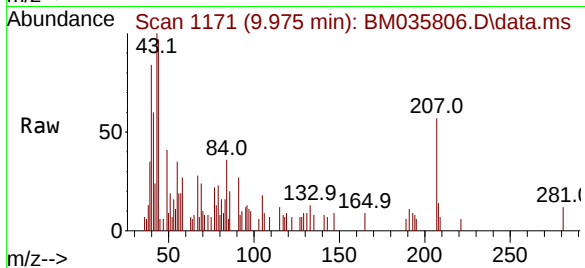
Tgt Ion:122 Resp: 127

Ion Ratio Lower Upper

122 100

105 250.5 105.7 145.7#

77 311.3 80.0 120.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BM035806.D

Acq: 14 Jul 2022 11:07

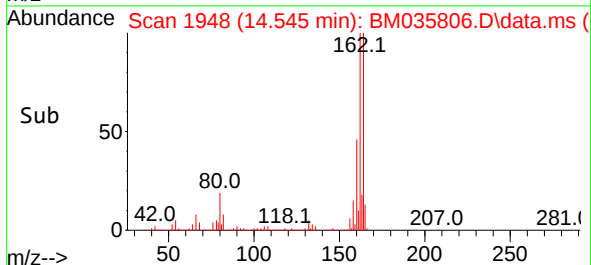
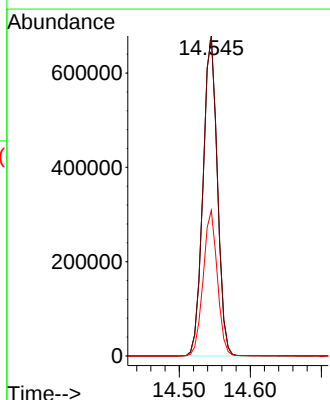
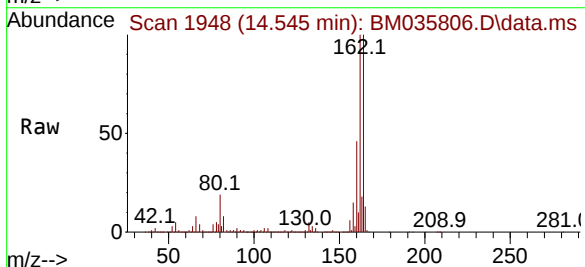
Tgt Ion:164 Resp: 953914

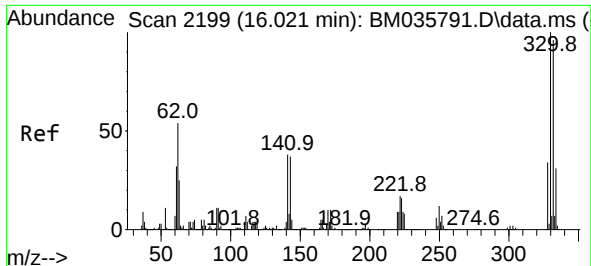
Ion Ratio Lower Upper

164 100

162 99.7 83.0 124.6

160 45.5 37.0 55.4

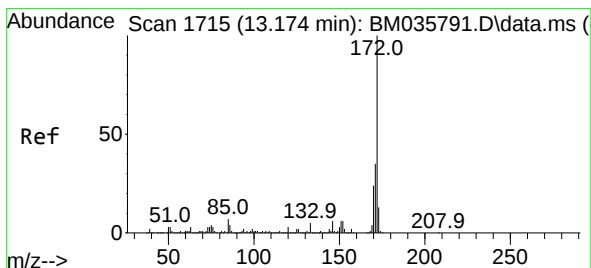
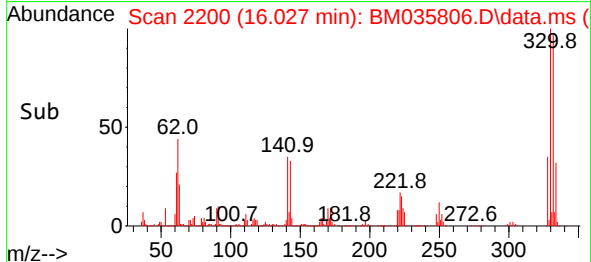
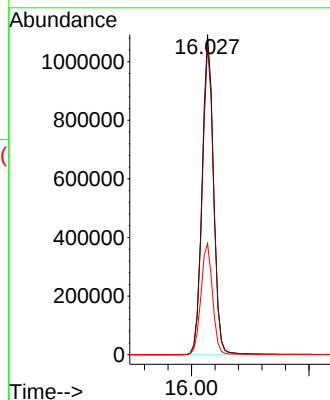
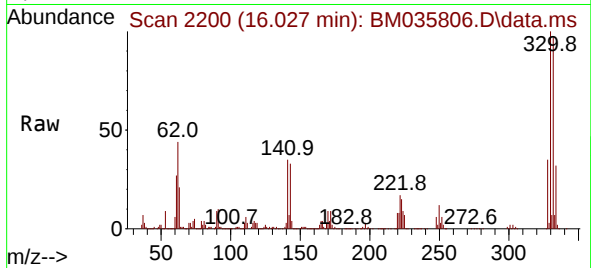




#42
2,4,6-Tribromophenol
Concen: 152.077 ng
RT: 16.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

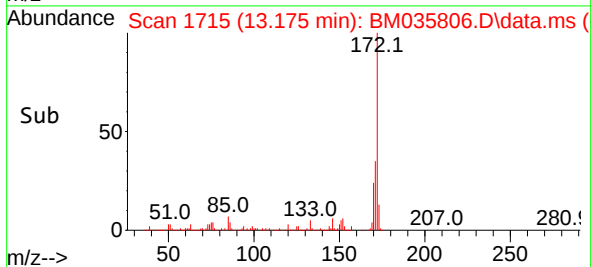
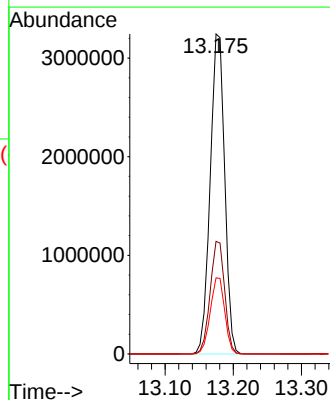
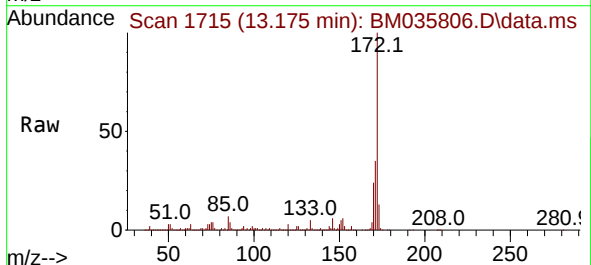
Instrument :
BNA_M
ClientSampleId :
PB146188BL

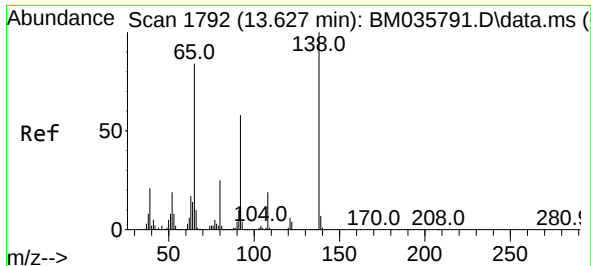
Tgt Ion:330 Resp: 1473179
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 35.4 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 70.174 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Tgt Ion:172 Resp: 4799862
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.8 18.7 28.1

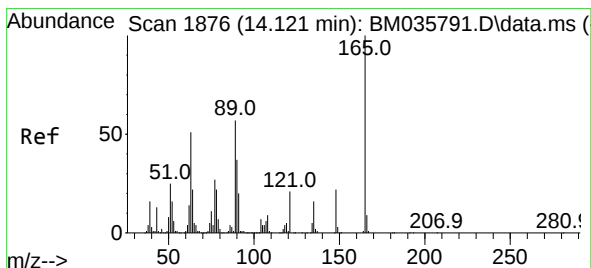
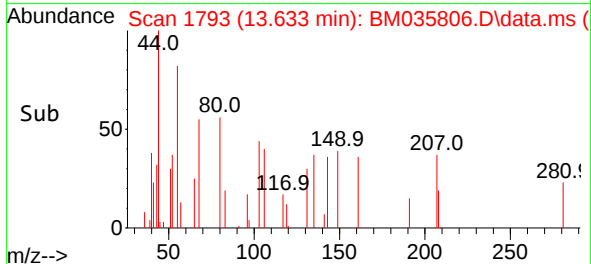
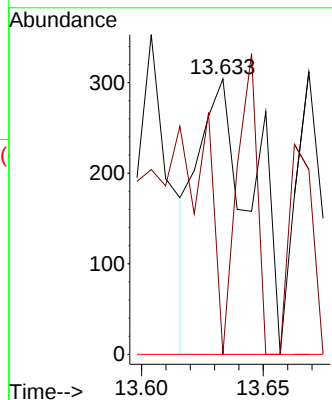
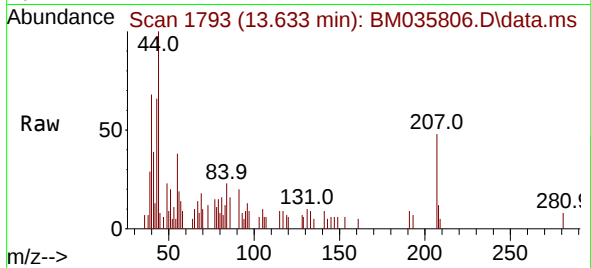




#48
2-Nitroaniline
Concen: 3.627 ng
RT: 13.633 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

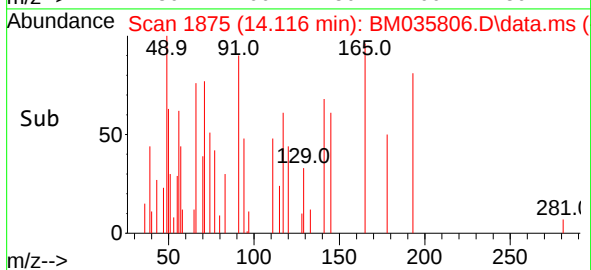
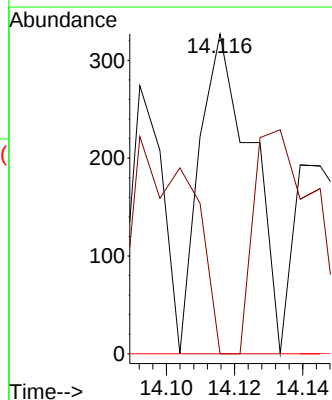
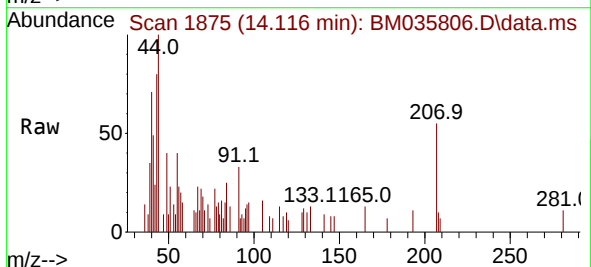
Instrument :
BNA_M
ClientSampleId :
PB146188BL

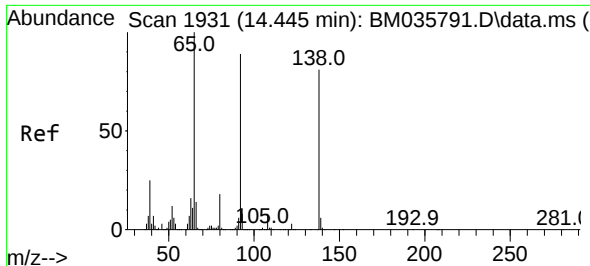
Tgt Ion: 65 Resp: 479
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.320 ng
RT: 14.116 min Scan# 1875
Delta R.T. -0.005 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Tgt Ion: 165 Resp: 346
Ion Ratio Lower Upper
165 100
63 0.0 50.2 75.2#
89 0.0 48.4 72.6#

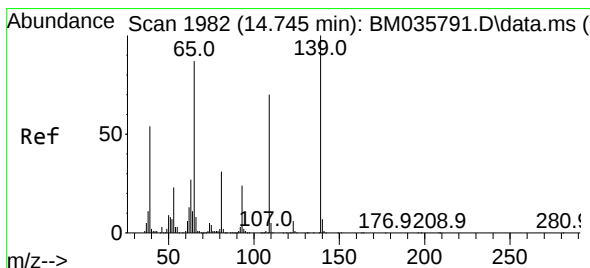
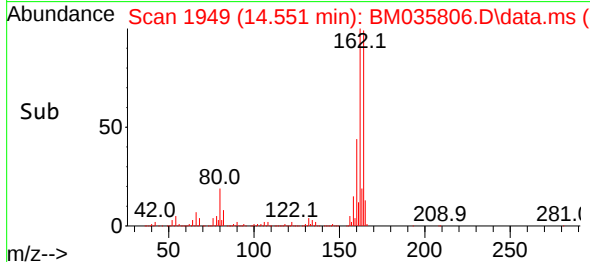
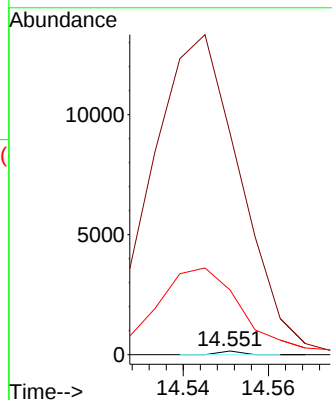
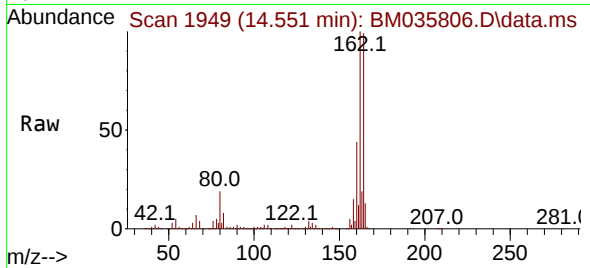




#53
3-Nitroaniline
Concen: 2.672 ng
RT: 14.551 min Scan# 1931
Delta R.T. 0.106 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

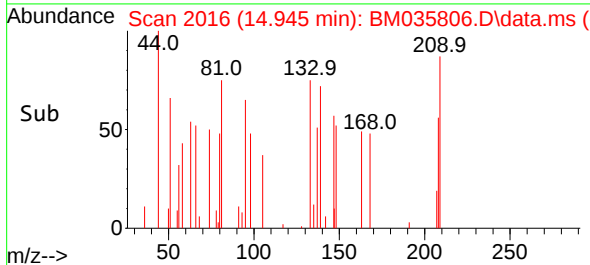
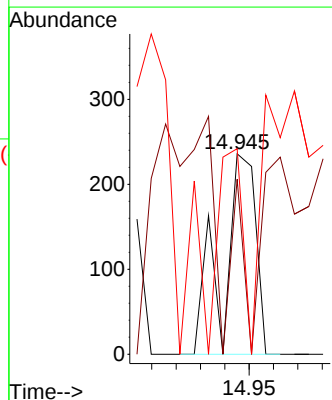
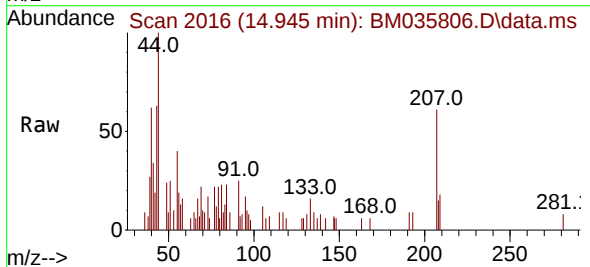
Instrument :
BNA_M
ClientSampleId :
PB146188BL

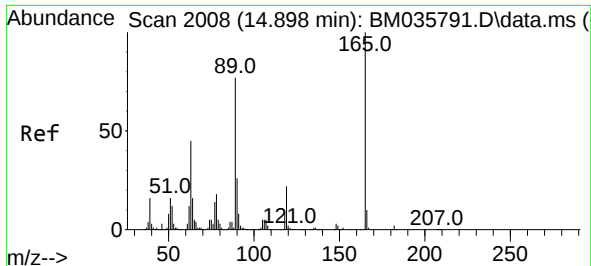
Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 5947.7 8.7 13.1#
92 1738.7 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.067 ng
RT: 14.945 min Scan# 2016
Delta R.T. 0.200 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Tgt Ion:139 Resp: 219
Ion Ratio Lower Upper
139 100
109 87.3 62.5 102.5
65 102.5 83.5 123.5

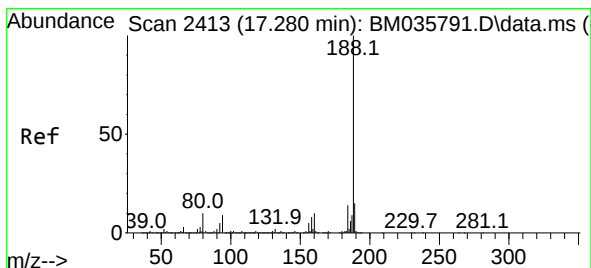
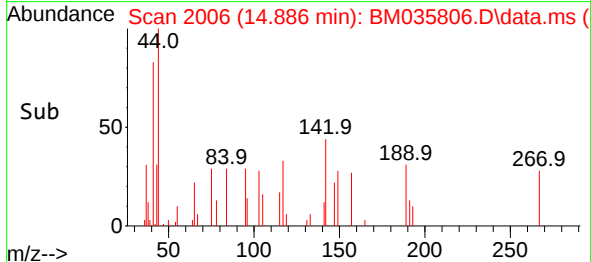
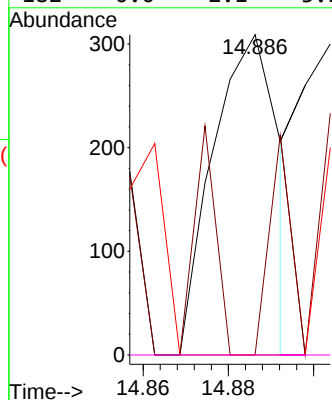
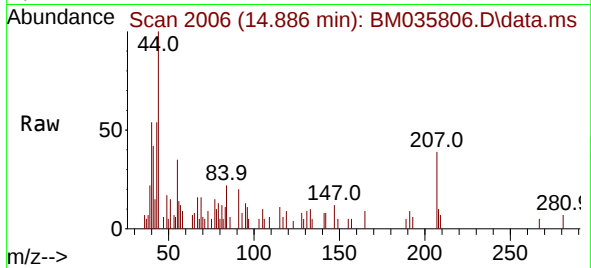




#57
2,4-Dinitrotoluene
Concen: 3.354 ng
RT: 14.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

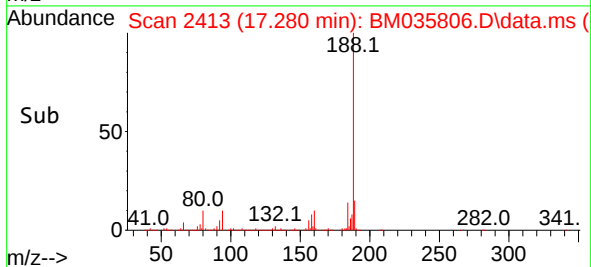
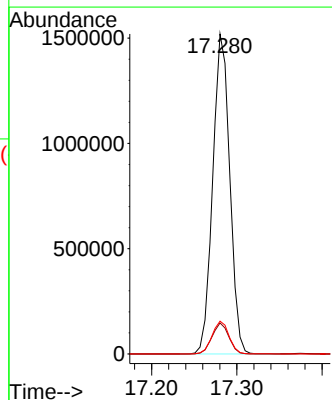
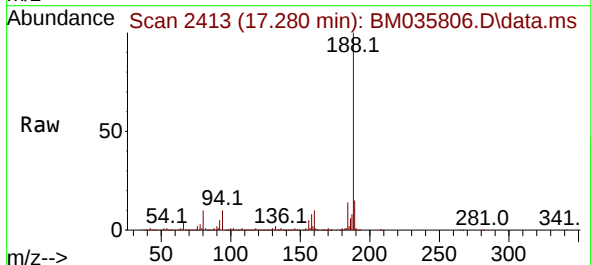
Instrument :
BNA_M
ClientSampleId :
PB146188BL

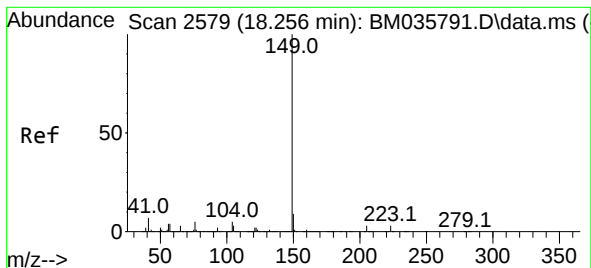
Tgt Ion:165 Resp: 334
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 0.0 57.3 85.9#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Tgt Ion:188 Resp: 2107559
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.3 7.6 11.4





#74

Di-n-butylphthalate

Concen: 2.286 ng

RT: 18.257 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM035806.D

Acq: 14 Jul 2022 11:07

Instrument :

BNA_M

ClientSampleId :

PB146188BL

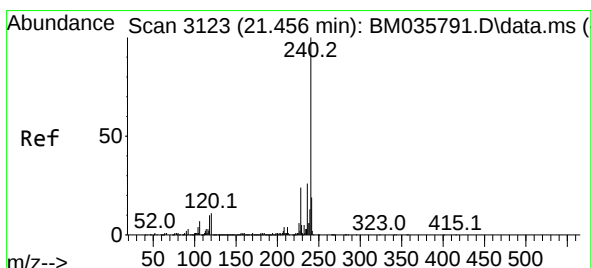
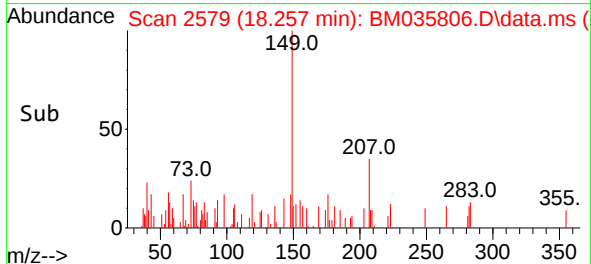
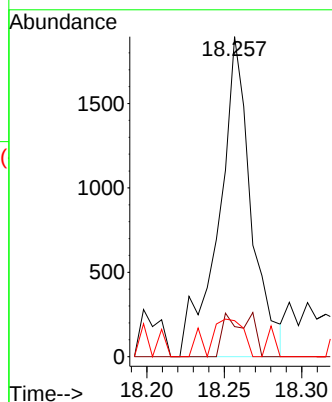
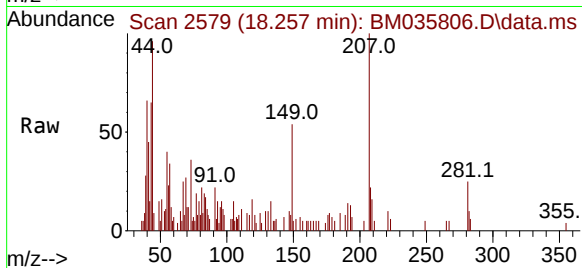
Tgt Ion:149 Resp: 2731

Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 11.2 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: BM035806.D

Acq: 14 Jul 2022 11:07

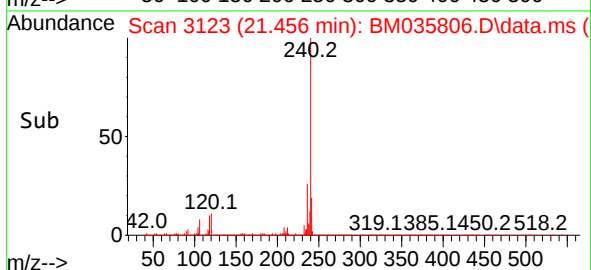
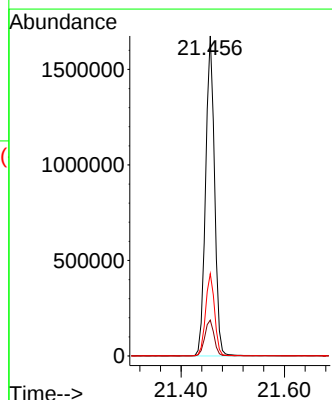
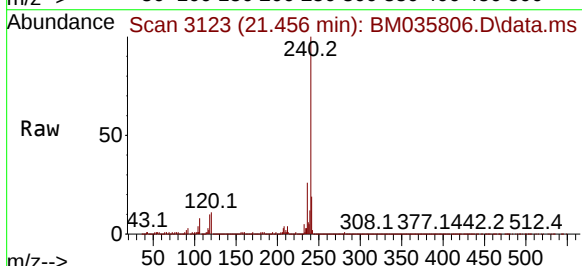
Tgt Ion:240 Resp: 2014826

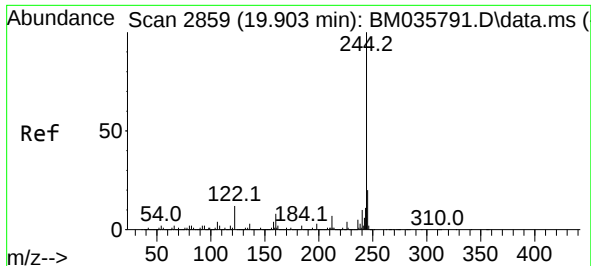
Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.0

236 25.7 20.6 30.8

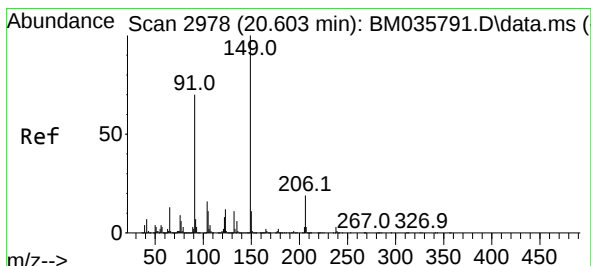
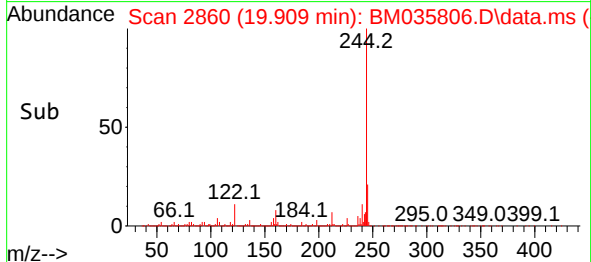
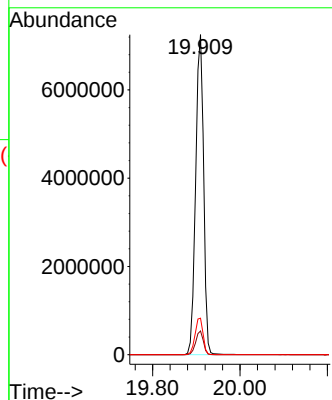
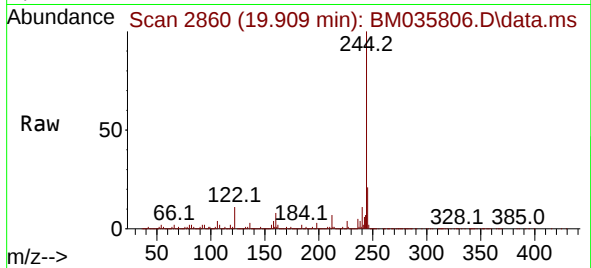




#79
 Terphenyl-d14
 Concen: 88.557 ng
 RT: 19.909 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM035806.D
 Acq: 14 Jul 2022 11:07

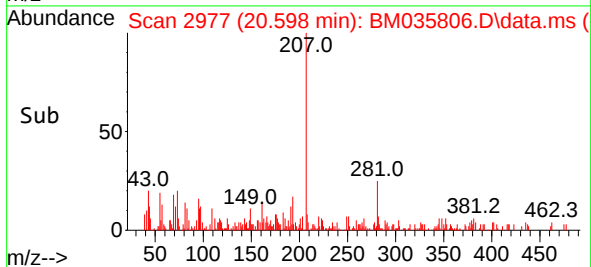
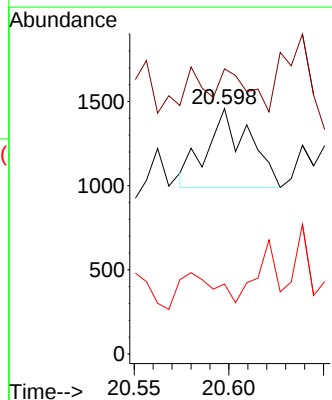
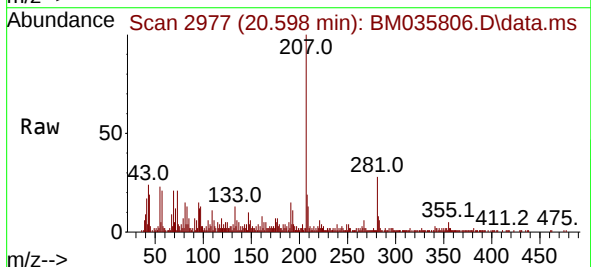
Instrument :
 BNA_M
 ClientSampleId :
 PB146188BL

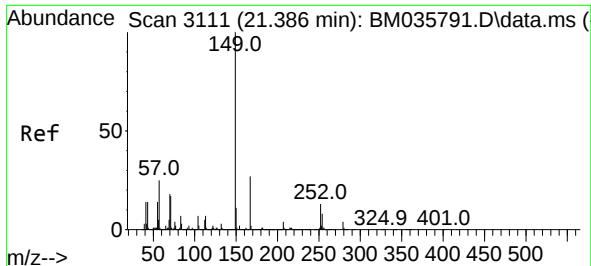
Tgt Ion:244 Resp: 9191676
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 11.4 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.175 ng
 RT: 20.598 min Scan# 2977
 Delta R.T. -0.005 min
 Lab File: BM035806.D
 Acq: 14 Jul 2022 11:07

Tgt Ion:149 Resp: 732
 Ion Ratio Lower Upper
 149 100
 91 116.2 56.6 85.0#
 206 28.5 15.4 23.0#

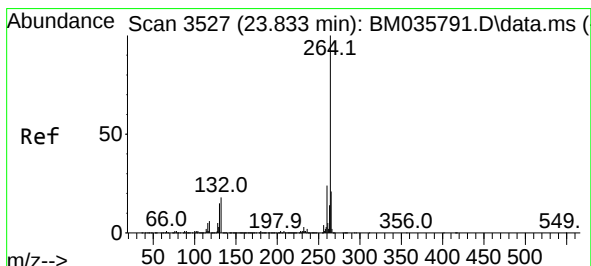
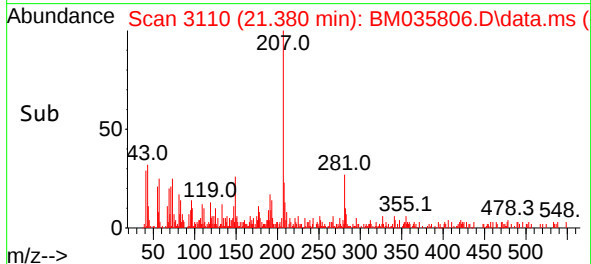
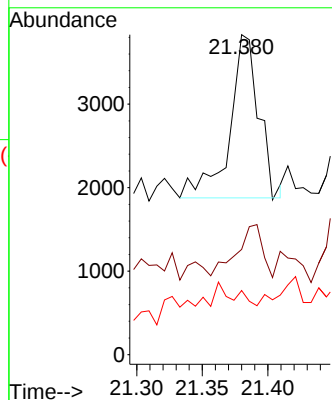
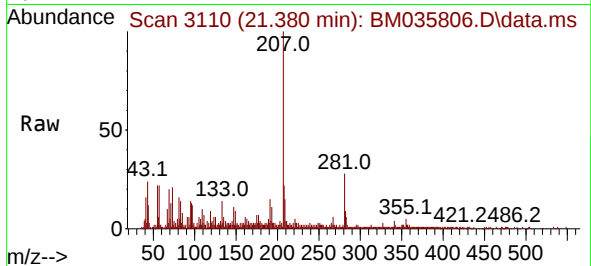




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.276 ng
RT: 21.380 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Instrument :
BNA_M
ClientSampleId :
PB146188BL

Tgt Ion:149 Resp: 3026
Ion Ratio Lower Upper
149 100
167 32.9 21.1 31.7#
279 20.1 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 3529
Delta R.T. 0.012 min
Lab File: BM035806.D
Acq: 14 Jul 2022 11:07

Tgt Ion:264 Resp: 2154978
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.5 17.5 26.3

