

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035810.D
 Acq On : 14 Jul 2022 13:47
 Operator : CG/JU
 Sample : N3651-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-1-(6-12)

Quant Time: Jul 15 01:09:28 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)

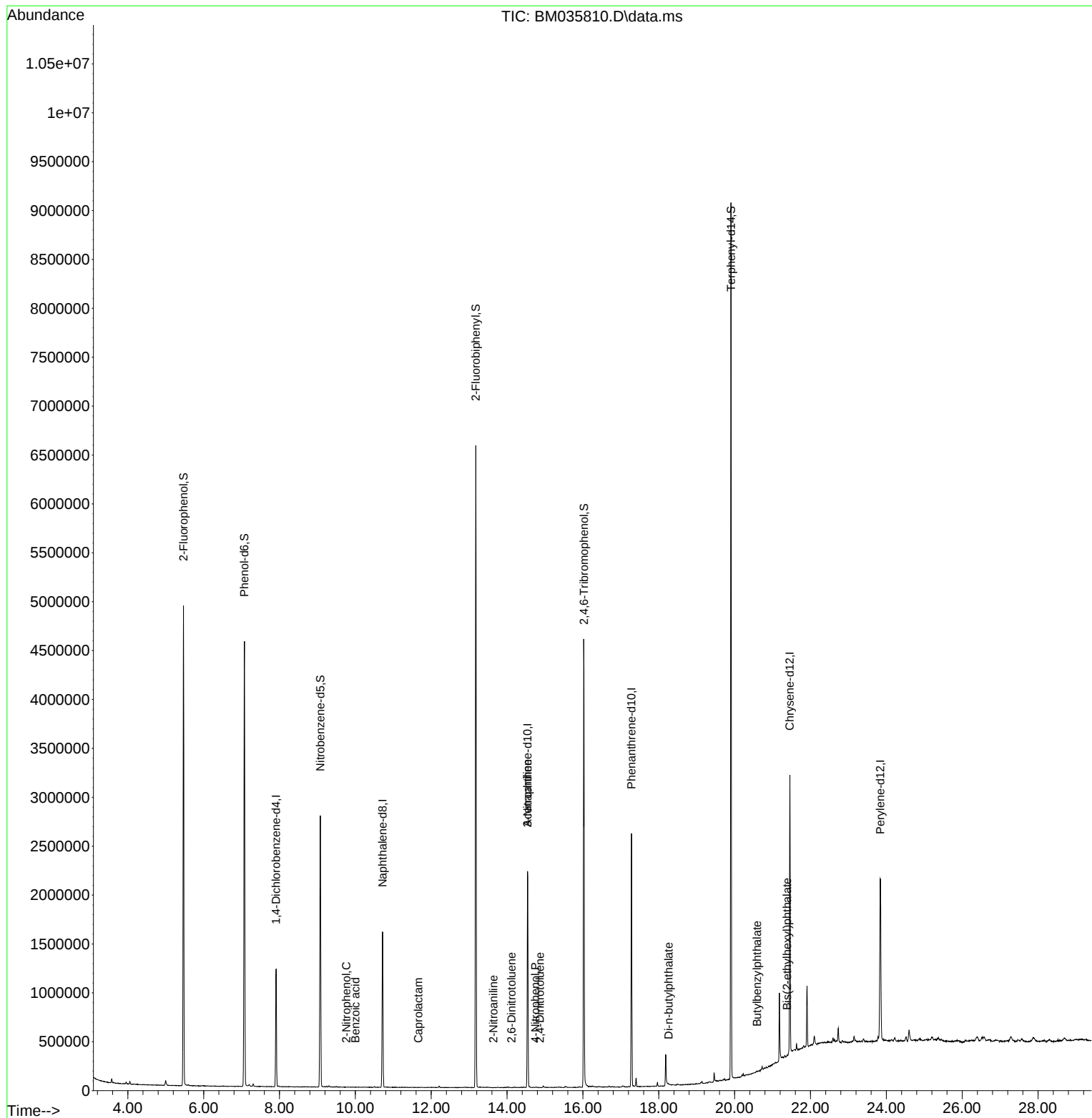
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	319848	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1318342	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	757212	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1468634	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1260860	20.000	ng	0.00
86) Perylene-d12	23.839	264	1259186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2075119	105.381	ng	0.00
7) Phenol-d6	7.075	99	2558430	103.869	ng	0.00
23) Nitrobenzene-d5	9.075	82	1534134	66.525	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	863635	112.313	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	3144607	57.917	ng	0.00
79) Terphenyl-d14	19.903	244	4020593	61.900	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.763	139	58	4.579	ng	# 1
32) Benzoic acid	10.004	122	142	8.047	ng	# 1
35) Caprolactam	11.663	113	61	5.107	ng	# 1
48) 2-Nitroaniline	13.639	65	89	3.603	ng	# 34
51) 2,6-Dinitrotoluene	14.116	165	229	2.316	ng	# 41
53) 3-Nitroaniline	14.539	138	65	2.674	ng	# 1
56) 4-Nitrophenol	14.745	139	173	4.067	ng	# 81
57) 2,4-Dinitrotoluene	14.863	165	465	3.367	ng	# 22
74) Di-n-butylphthalate	18.257	149	3827	2.309	ng	# 87
80) Butylbenzylphthalate	20.592	149	642	4.181	ng	# 5
84) Bis(2-ethylhexyl)phtha...	21.386	149	6674	3.382	ng	# 92

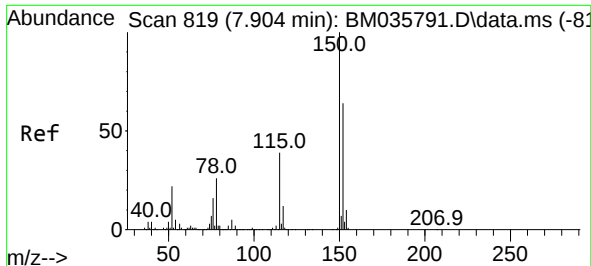
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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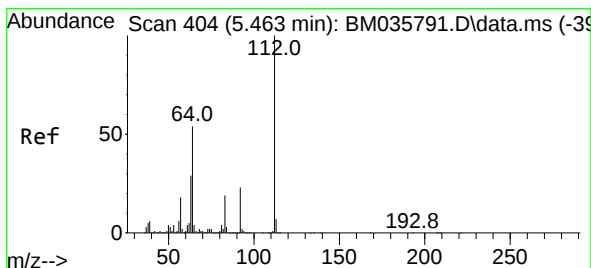
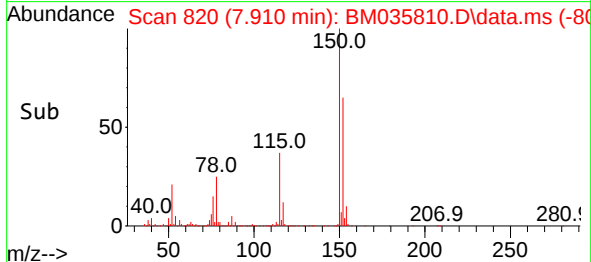
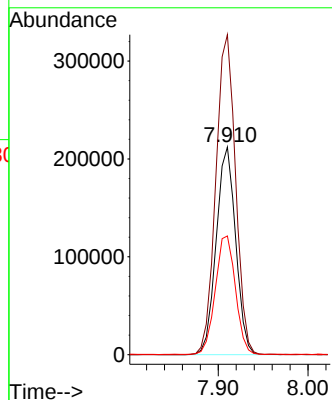
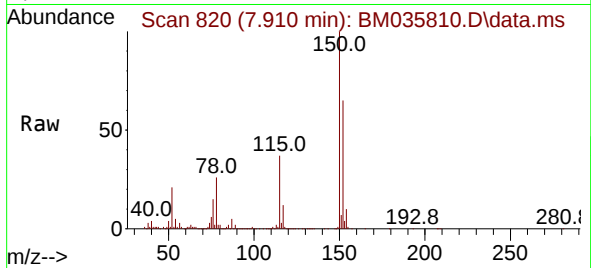




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 819
 Delta R.T. 0.006 min
 Lab File: BM035810.D
 Acq: 14 Jul 2022 13:47

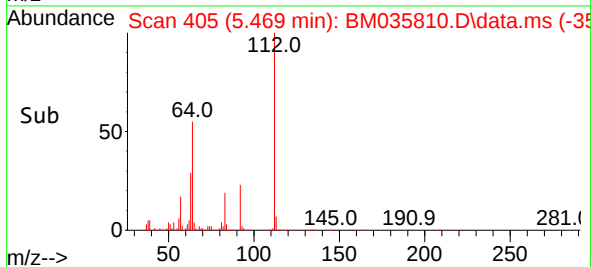
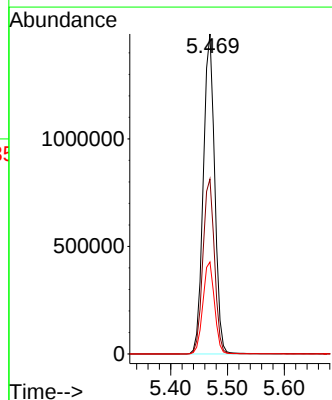
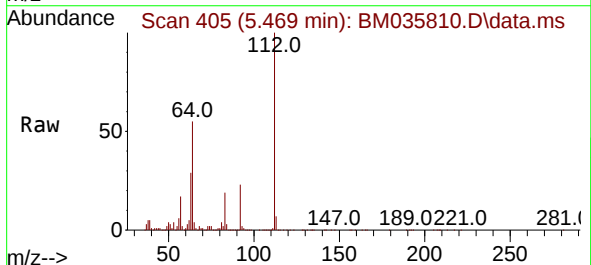
Instrument :
 BNA_M
 ClientSampleId :
 SED-1-(6-12)

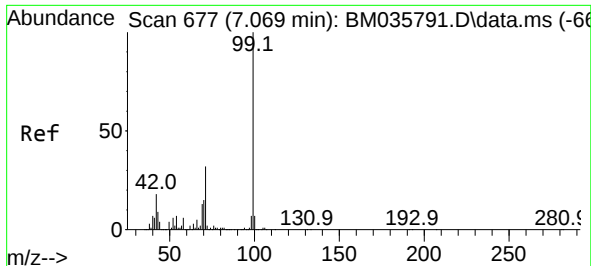
Tgt Ion:152 Resp: 319848
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.9 187.3
 115 57.2 47.9 71.9



#5
 2-Fluorophenol
 Concen: 105.381 ng
 RT: 5.469 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: BM035810.D
 Acq: 14 Jul 2022 13:47

Tgt Ion:112 Resp: 2075119
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.8 71.6
 63 28.7 26.6 40.0

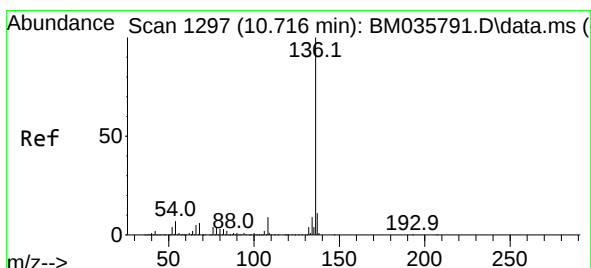
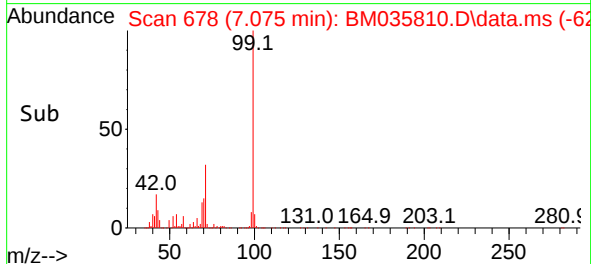
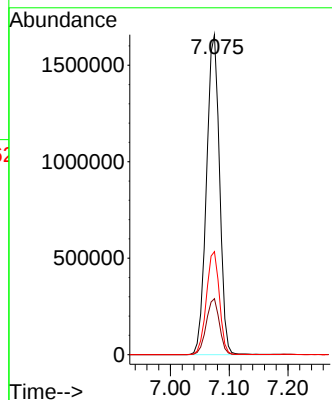
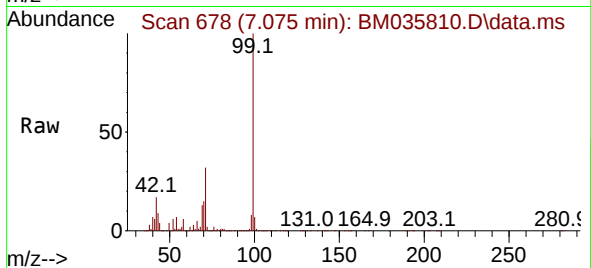




#7
Phenol-d6
Concen: 103.869 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

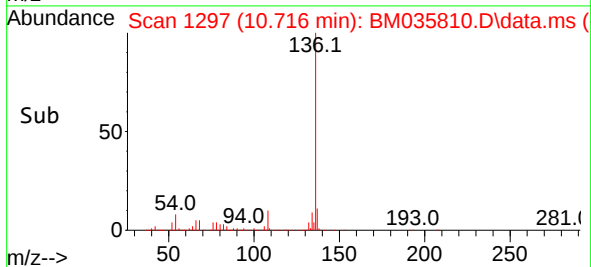
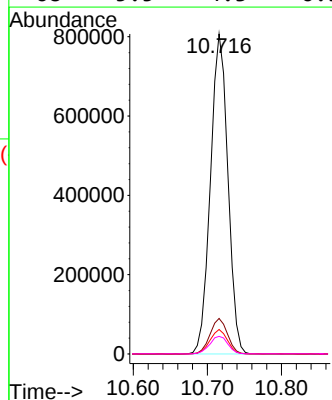
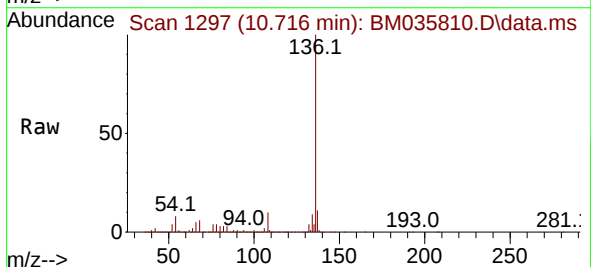
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)

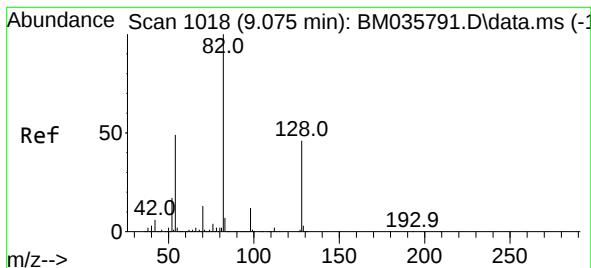
Tgt Ion: 99 Resp: 2558430
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2#
71 32.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

Tgt Ion:136 Resp: 1318342
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 7.0 10.4
68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 66.525 ng

RT: 9.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BM035810.D

Acq: 14 Jul 2022 13:47

Instrument :

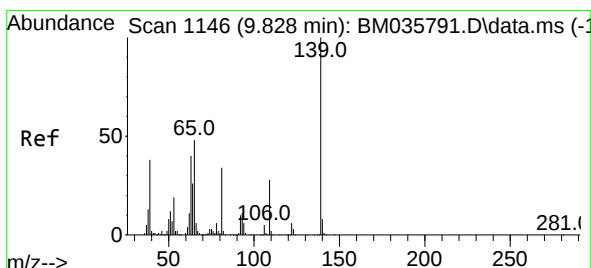
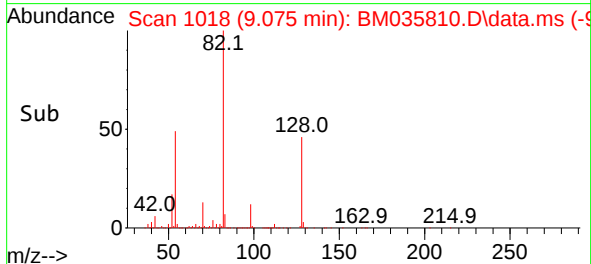
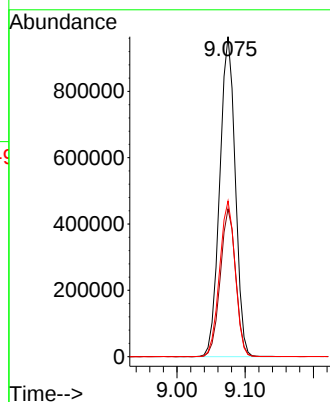
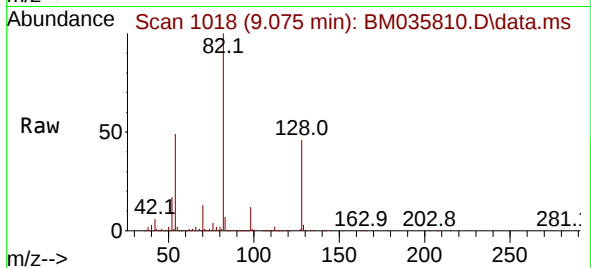
BNA_M

ClientSampleId :

SED-1-(6-12)

Tgt Ion: 82 Resp: 1534134

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.7	50.5
54	48.7	43.2	64.8



#26

2-Nitrophenol

Concen: 4.579 ng

RT: 9.763 min Scan# 1135

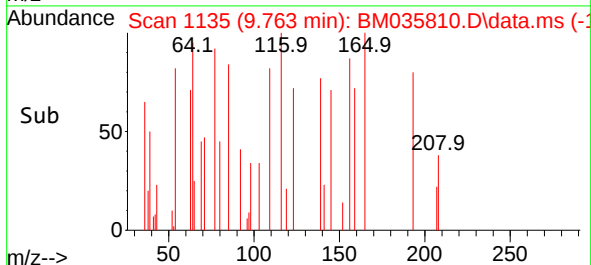
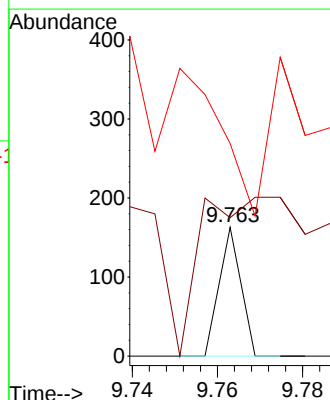
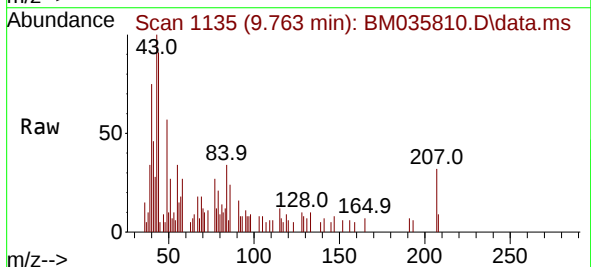
Delta R.T. -0.065 min

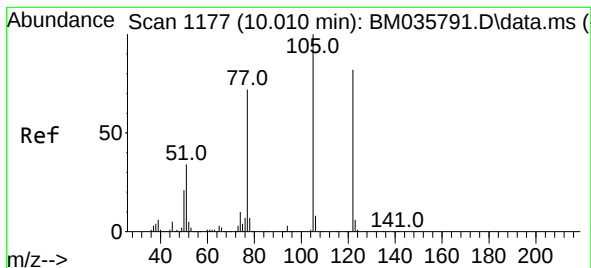
Lab File: BM035810.D

Acq: 14 Jul 2022 13:47

Tgt Ion: 139 Resp: 58

Ion	Ratio	Lower	Upper
139	100		
109	107.4	25.6	38.4#
65	165.0	43.2	64.8#





#32

Benzoic acid

Concen: 8.047 ng

RT: 10.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM035810.D

Acq: 14 Jul 2022 13:47

Instrument :

BNA_M

ClientSampleId :

SED-1-(6-12)

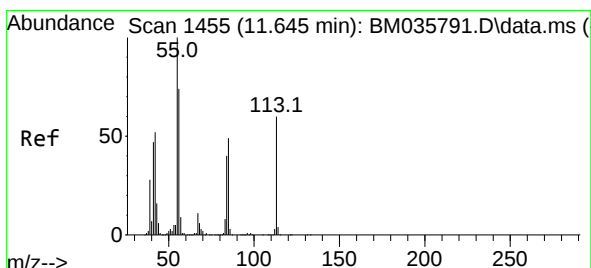
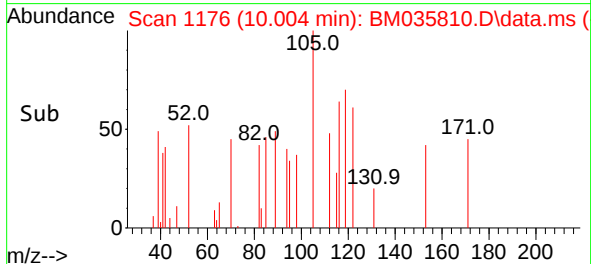
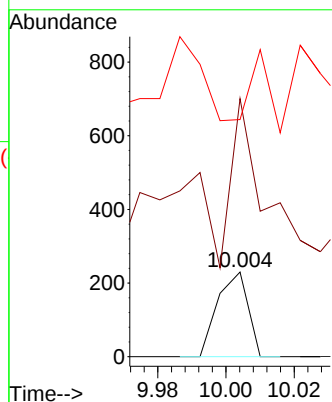
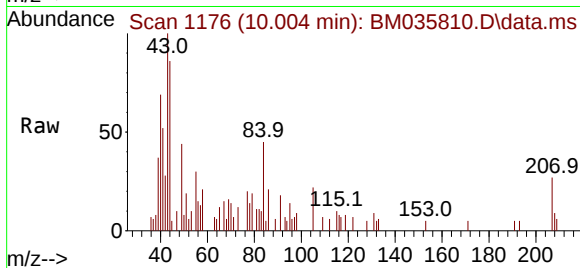
Tgt Ion:122 Resp: 142

Ion Ratio Lower Upper

122 100

105 304.8 105.7 145.7#

77 280.0 80.0 120.0#



#35

Caprolactam

Concen: 5.107 ng

RT: 11.663 min Scan# 1458

Delta R.T. 0.018 min

Lab File: BM035810.D

Acq: 14 Jul 2022 13:47

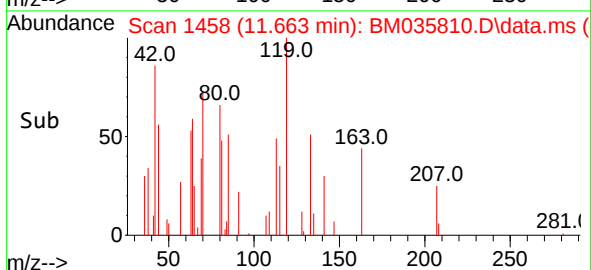
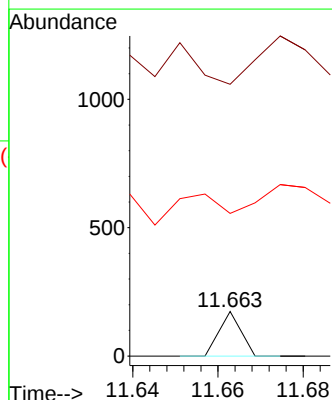
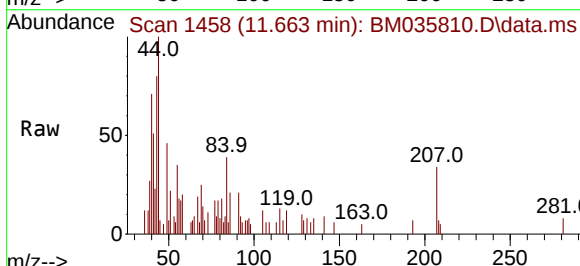
Tgt Ion:113 Resp: 61

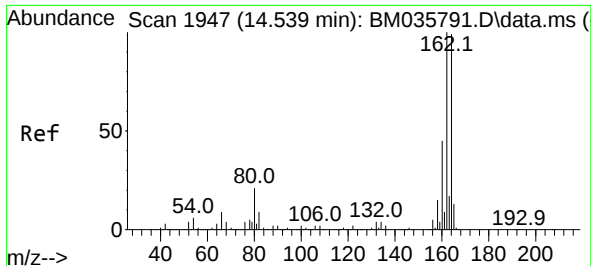
Ion Ratio Lower Upper

113 100

55 608.6 150.1 190.1#

56 319.5 111.7 151.7#

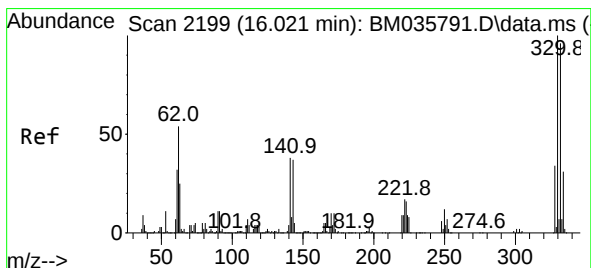
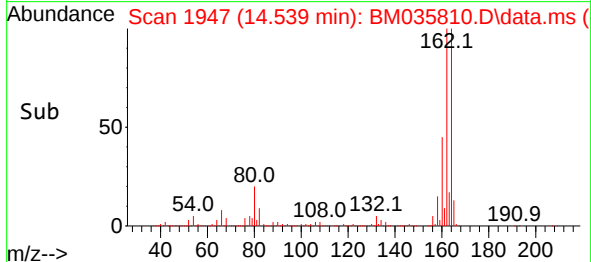
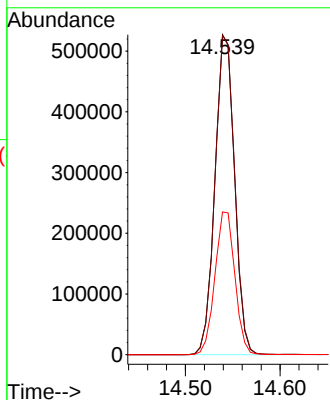
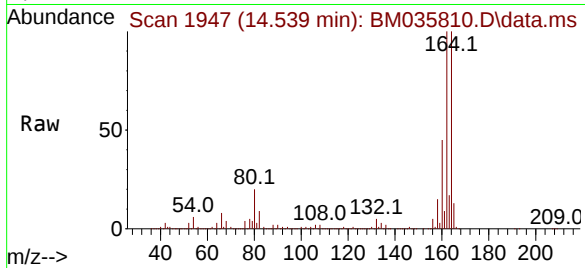




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

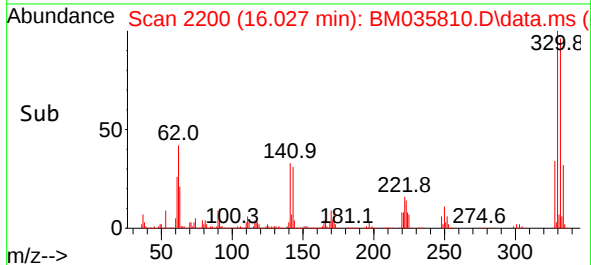
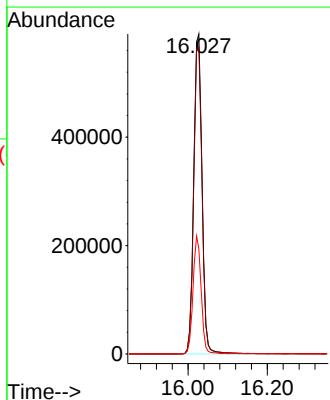
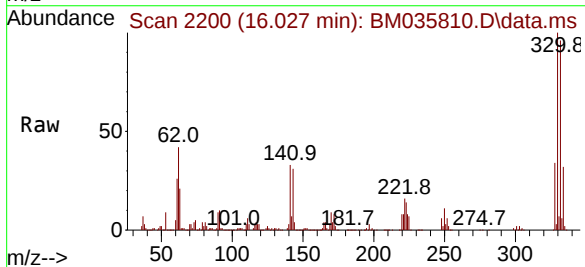
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ClientSampleId :
SED-1-(6-12)

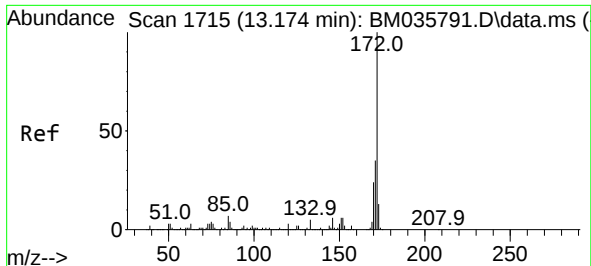
Tgt Ion:164 Resp: 757212
Ion Ratio Lower Upper
164 100
162 99.8 83.0 124.6
160 44.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 112.313 ng
RT: 16.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

Tgt Ion:330 Resp: 863635
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 35.8 35.3 52.9

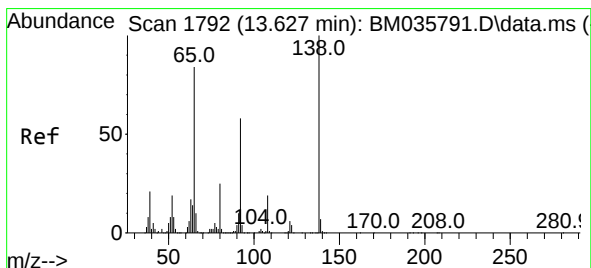
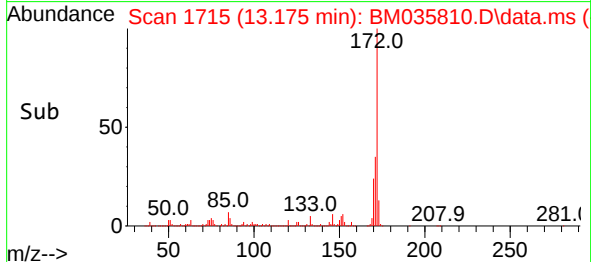
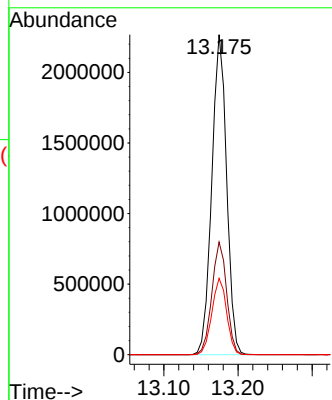
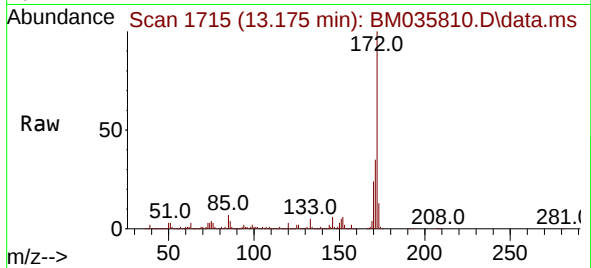




#45
2-Fluorobiphenyl
Concen: 57.917 ng
RT: 13.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

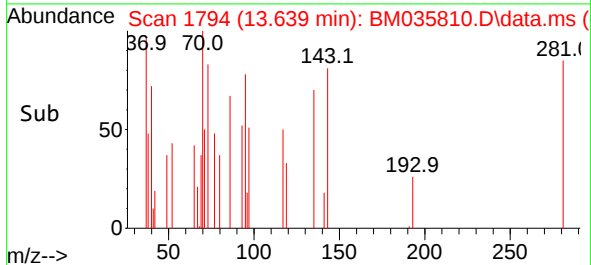
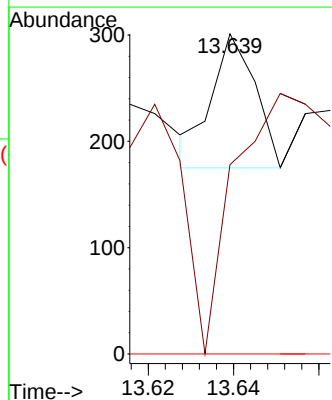
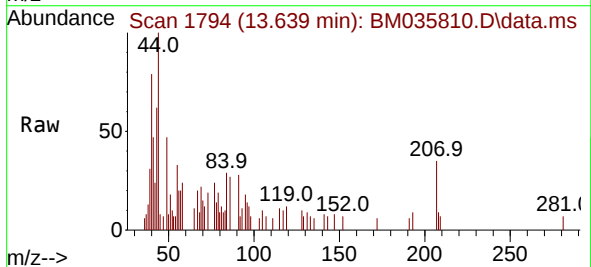
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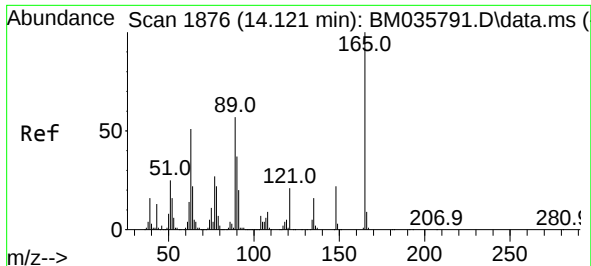
Tgt Ion:172 Resp: 3144607
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.8 18.7 28.1



#48
2-Nitroaniline
Concen: 3.603 ng
RT: 13.639 min Scan# 1794
Delta R.T. 0.012 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

Tgt Ion: 65 Resp: 89
Ion Ratio Lower Upper
65 100
92 59.1 53.7 80.5
138 0.0 83.9 125.9#





#51

2,6-Dinitrotoluene

Concen: 2.316 ng

RT: 14.116 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM035810.D

Acq: 14 Jul 2022 13:47

Instrument :

BNA_M

ClientSampleId :

SED-1-(6-12)

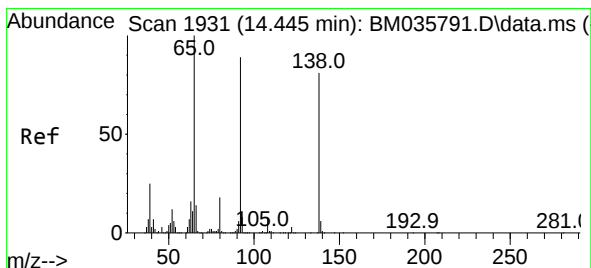
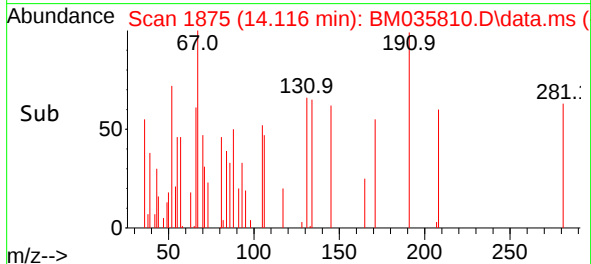
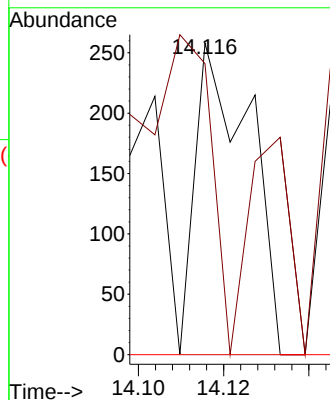
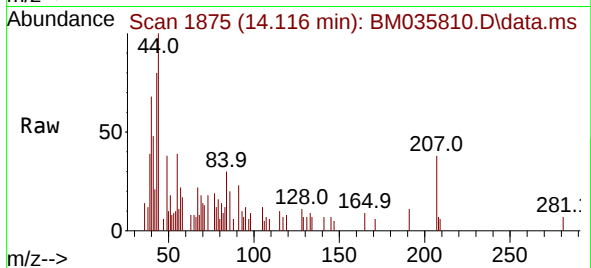
Tgt Ion:165 Resp: 229

Ion Ratio Lower Upper

165 100

63 93.4 50.2 75.2#

89 0.0 48.4 72.6#



#53

3-Nitroaniline

Concen: 2.674 ng

RT: 14.539 min Scan# 1947

Delta R.T. 0.094 min

Lab File: BM035810.D

Acq: 14 Jul 2022 13:47

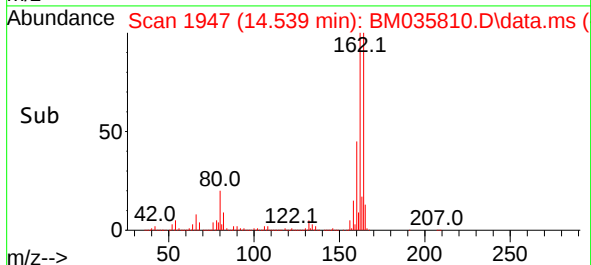
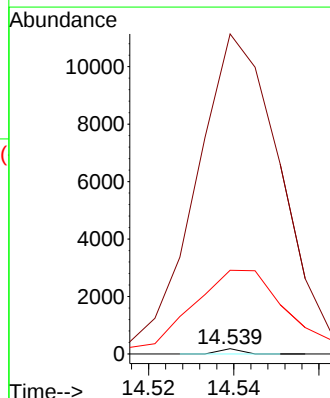
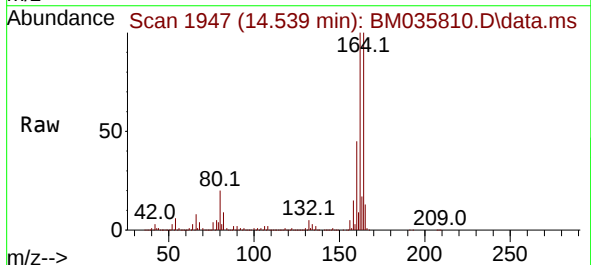
Tgt Ion:138 Resp: 65

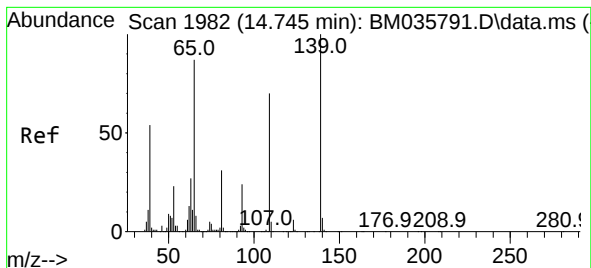
Ion Ratio Lower Upper

138 100

108 6053.3 8.7 13.1#

92 1582.1 91.5 137.3#

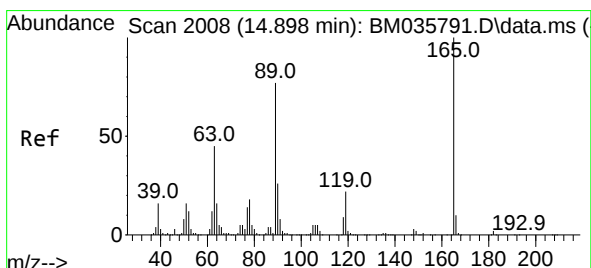
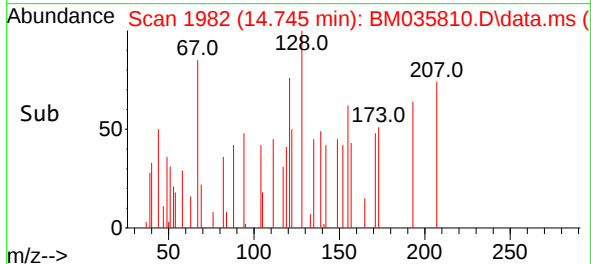
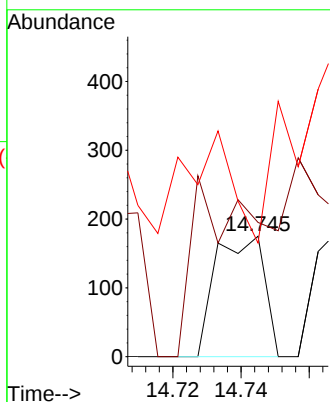
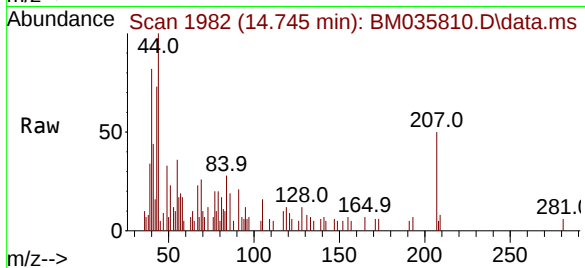




#56
4-Nitrophenol
Concen: 4.067 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

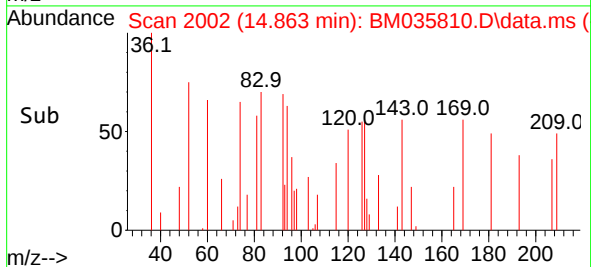
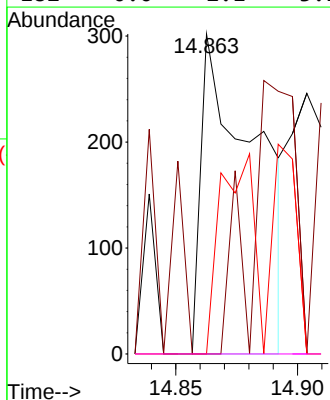
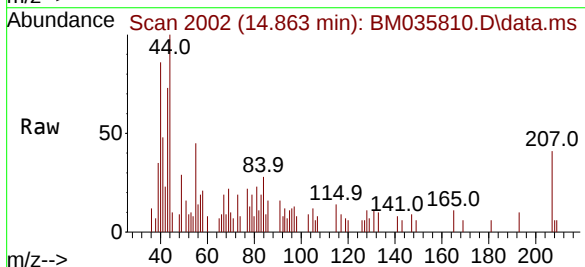
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)

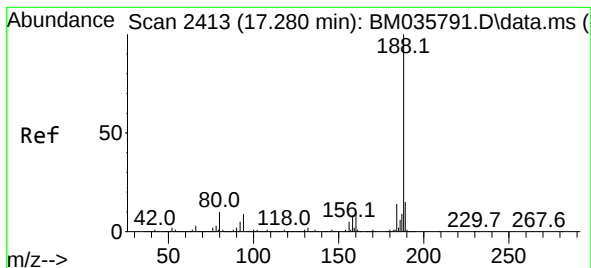
Tgt Ion:139 Resp: 173
Ion Ratio Lower Upper
139 100
109 111.4 62.5 102.5#
65 94.3 83.5 123.5



#57
2,4-Dinitrotoluene
Concen: 3.367 ng
RT: 14.863 min Scan# 2002
Delta R.T. -0.035 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

Tgt Ion:165 Resp: 465
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: BM035810.D

Acq: 14 Jul 2022 13:47

Instrument :

BNA_M

ClientSampleId :

SED-1-(6-12)

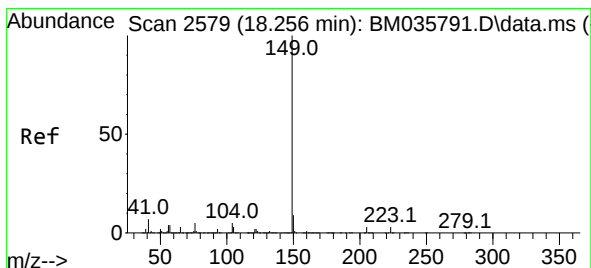
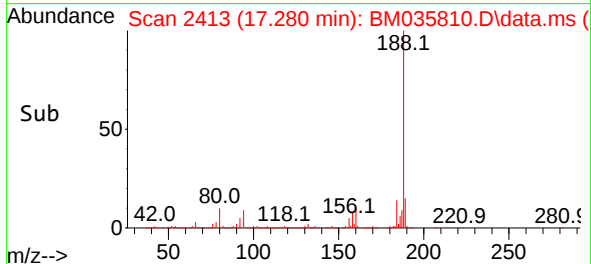
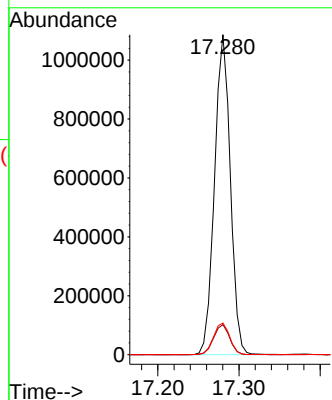
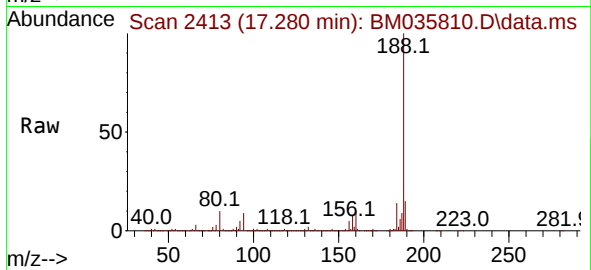
Tgt Ion:188 Resp: 1468634

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 9.9 7.6 11.4



#74

Di-n-butylphthalate

Concen: 2.309 ng

RT: 18.257 min Scan# 2579

Delta R.T. 0.001 min

Lab File: BM035810.D

Acq: 14 Jul 2022 13:47

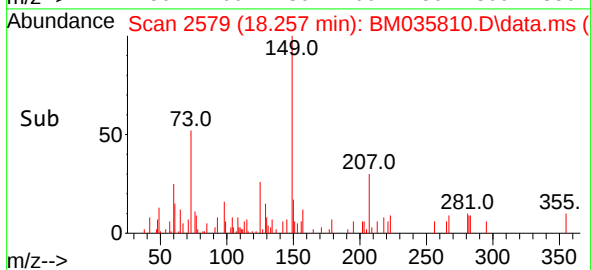
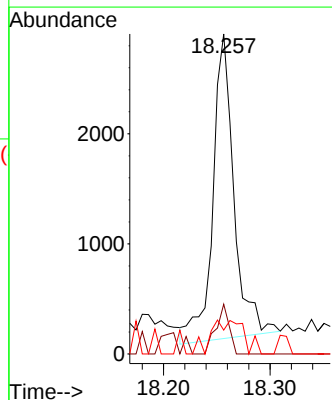
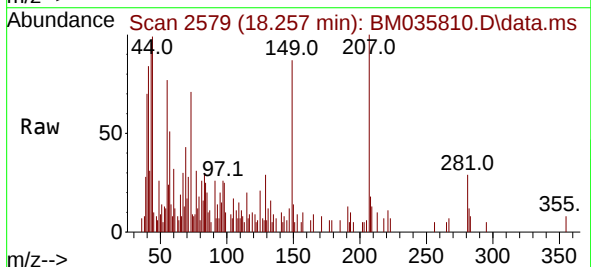
Tgt Ion:149 Resp: 3827

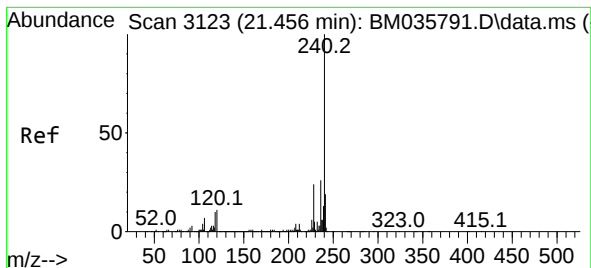
Ion Ratio Lower Upper

149 100

150 15.5 7.3 10.9#

104 7.5 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: BM035810.D

Acq: 14 Jul 2022 13:47

Instrument :

BNA_M

ClientSampleId :

SED-1-(6-12)

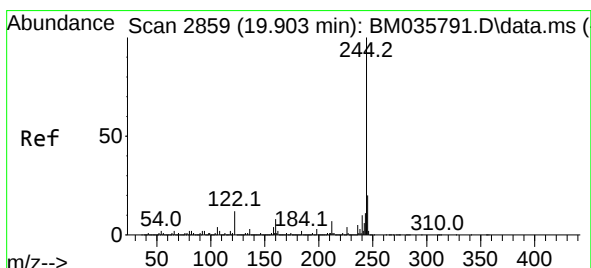
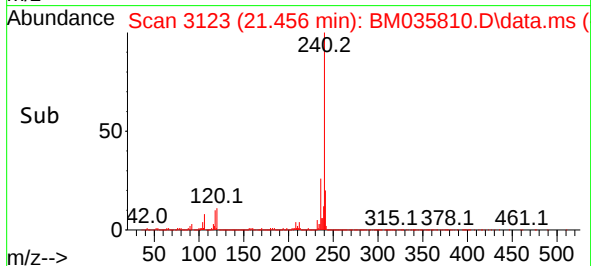
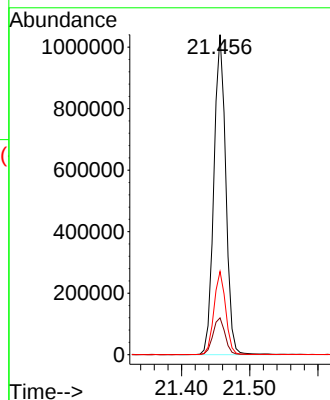
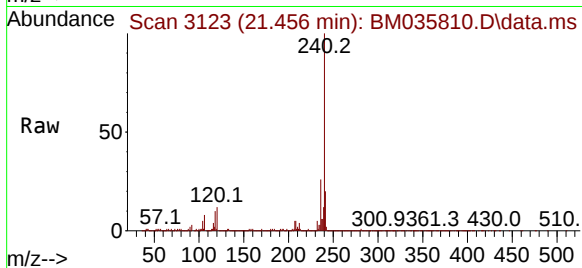
Tgt Ion:240 Resp: 1260860

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.0

236 26.0 20.6 30.8



#79

Terphenyl-d14

Concen: 61.900 ng

RT: 19.903 min Scan# 2859

Delta R.T. 0.000 min

Lab File: BM035810.D

Acq: 14 Jul 2022 13:47

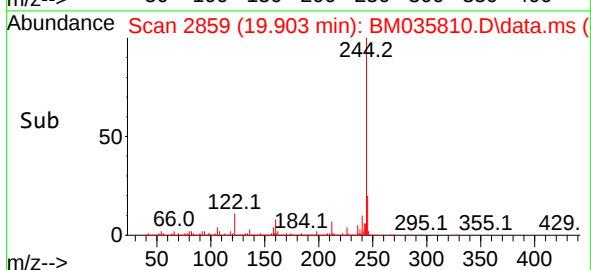
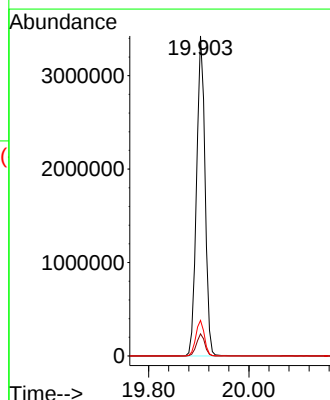
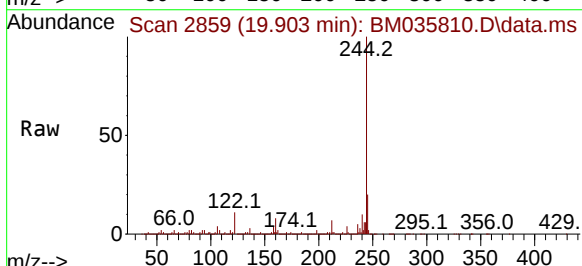
Tgt Ion:244 Resp: 4020593

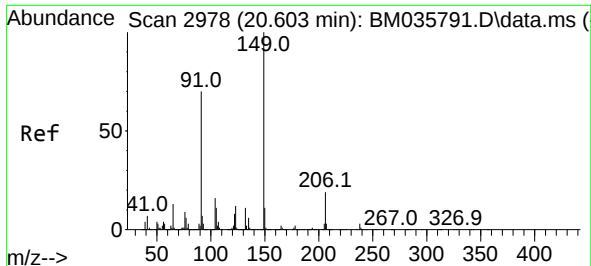
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 11.1 8.3 12.5

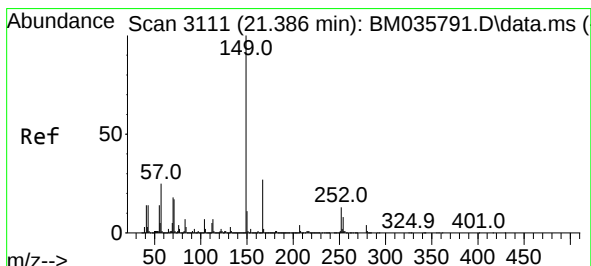
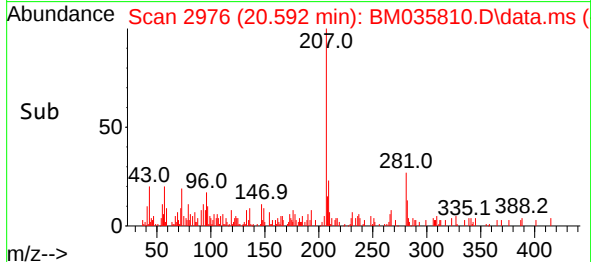
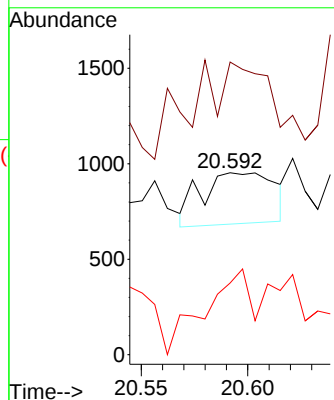
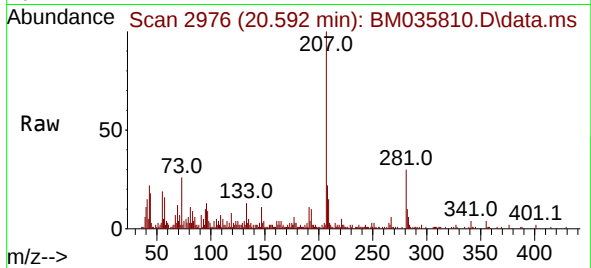




#80
Butylbenzylphthalate
Concen: 4.181 ng
RT: 20.592 min Scan# 2978
Delta R.T. -0.011 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

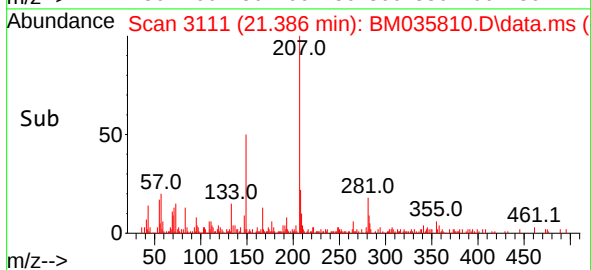
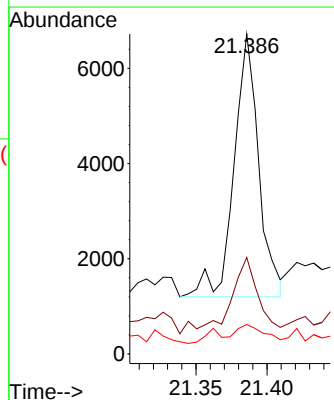
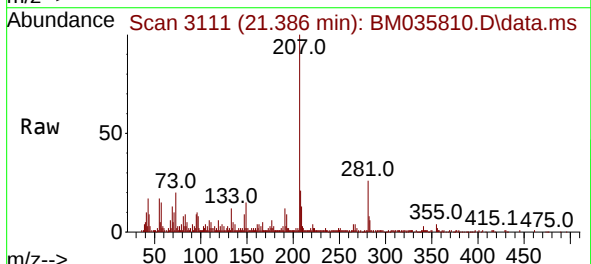
Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)

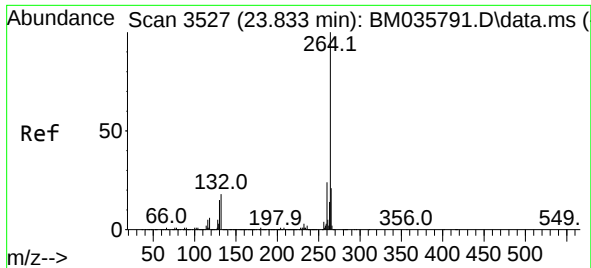
Tgt Ion:149 Resp: 642
Ion Ratio Lower Upper
149 100
91 160.9 56.6 85.0#
206 39.5 15.4 23.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.382 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

Tgt Ion:149 Resp: 6674
Ion Ratio Lower Upper
149 100
167 30.1 21.1 31.7
279 9.2 2.8 4.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM035810.D
Acq: 14 Jul 2022 13:47

Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)

Tgt Ion:264 Resp: 1259186

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.8	17.5	26.3

