

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035820.D
 Acq On : 14 Jul 2022 19:55
 Operator : CG/JU
 Sample : N3651-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 15 01:11:10 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)

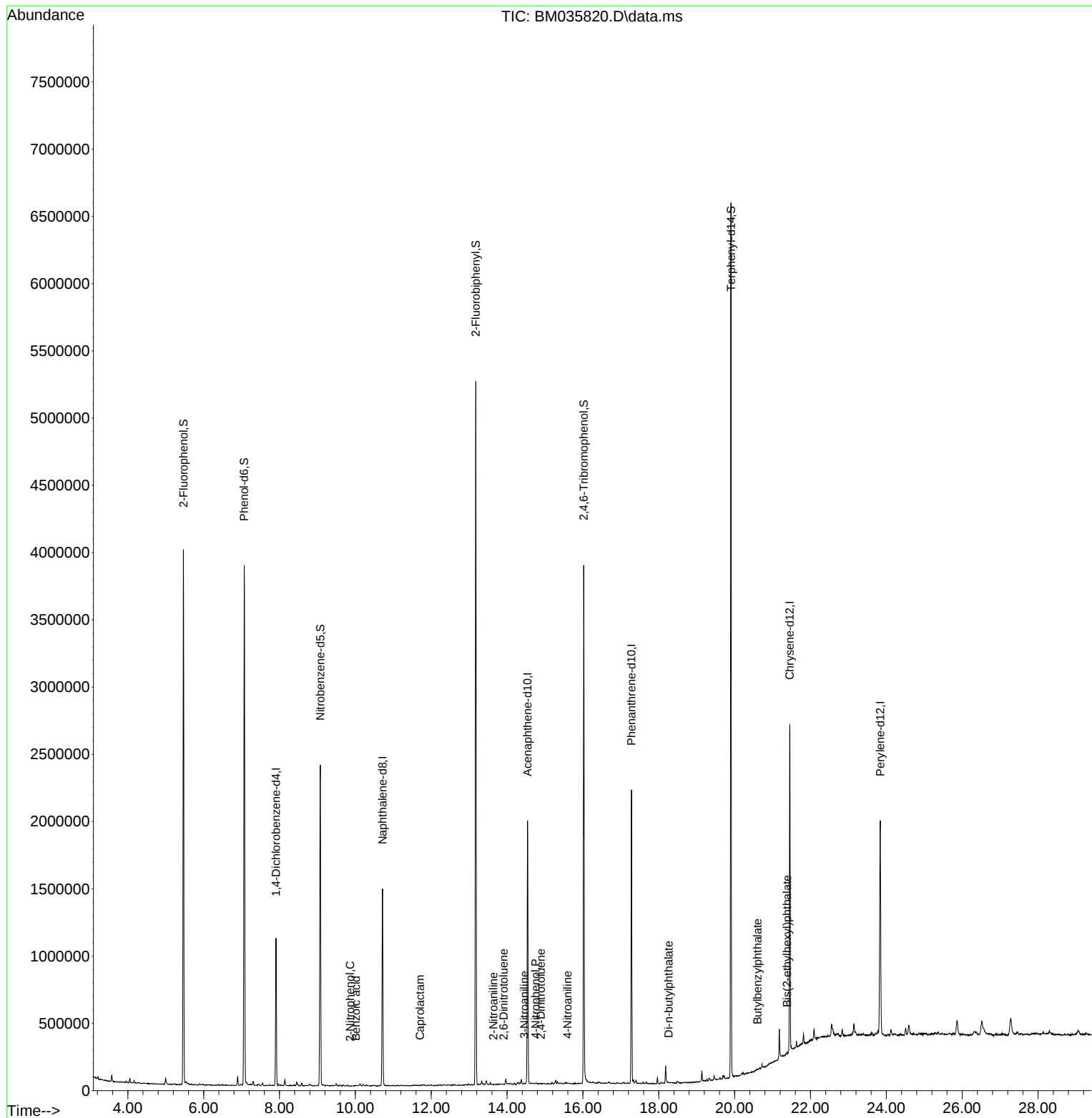
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	293631	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1204544	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	675661	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1267948	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1140043	20.000	ng	0.00
86) Perylene-d12	23.839	264	1137910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1737298	96.102	ng	0.00
7) Phenol-d6	7.069	99	2156180	95.354	ng	0.00
23) Nitrobenzene-d5	9.075	82	1328487	63.050	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	685795	99.950	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	2539528	52.418	ng	0.00
79) Terphenyl-d14	19.903	244	2908949	49.532	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.863	139	65	4.580	ng	# 21
32) Benzoic acid	10.016	122	118	8.046	ng	# 1
35) Caprolactam	11.704	113	57	5.108	ng	# 1
48) 2-Nitroaniline	13.639	65	180	3.612	ng	# 27
51) 2,6-Dinitrotoluene	13.910	165	83	2.304	ng	# 93
53) 3-Nitroaniline	14.457	138	283	2.693	ng	# 73
56) 4-Nitrophenol	14.751	139	156	4.067	ng	# 1
57) 2,4-Dinitrotoluene	14.892	165	96	3.344	ng	# 22
62) 4-Nitroaniline	15.592	138	63	2.805	ng	# 1
74) Di-n-butylphthalate	18.257	149	2677	2.300	ng	# 95
80) Butylbenzylphthalate	20.603	149	1373	4.210	ng	# 26
84) Bis(2-ethylhexyl)phtha...	21.380	149	4156	3.336	ng	# 91

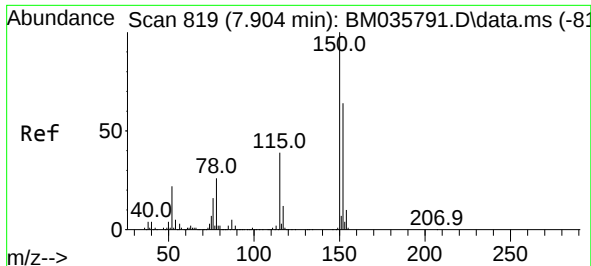
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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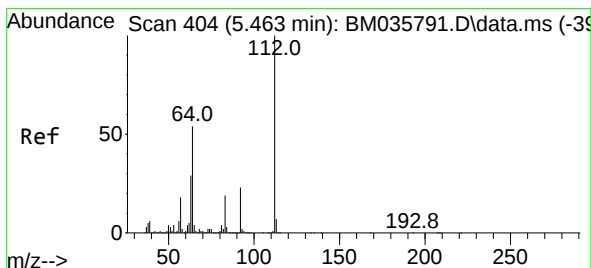
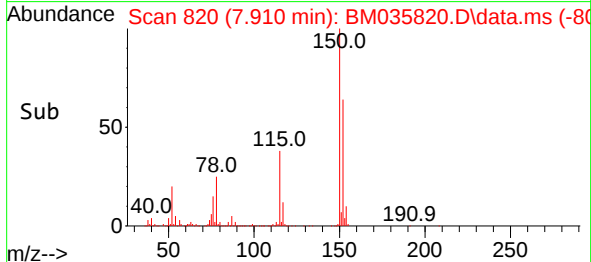
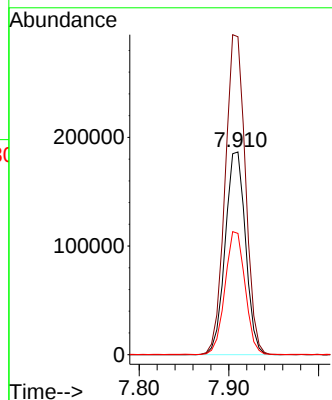
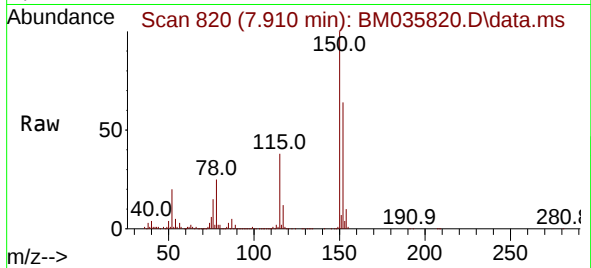




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

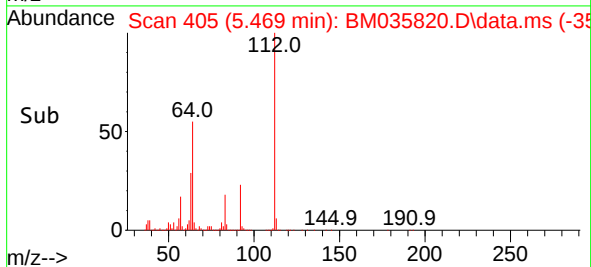
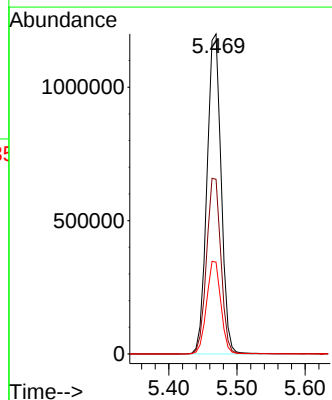
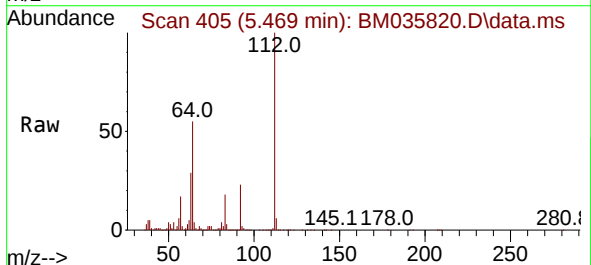
Instrument :
BNA_M
ClientSampleId :
SED-6-(6-12)

Tgt Ion:152 Resp: 293631
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 59.8 47.9 71.9



#5
2-Fluorophenol
Concen: 96.102 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

Tgt Ion:112 Resp: 1737298
Ion Ratio Lower Upper
112 100
64 54.6 47.8 71.6
63 28.7 26.6 40.0

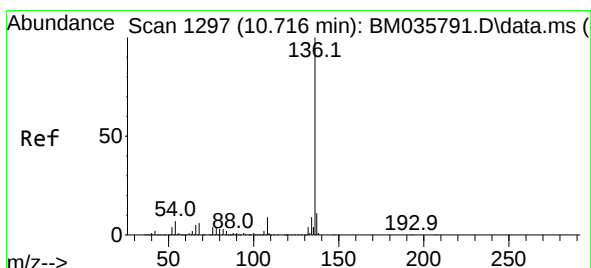
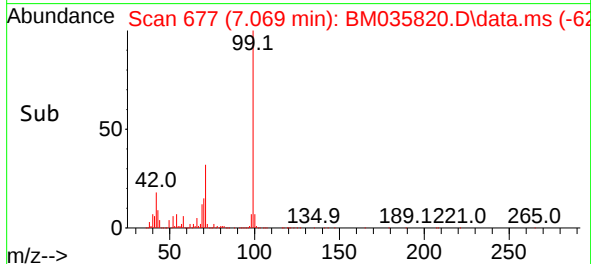
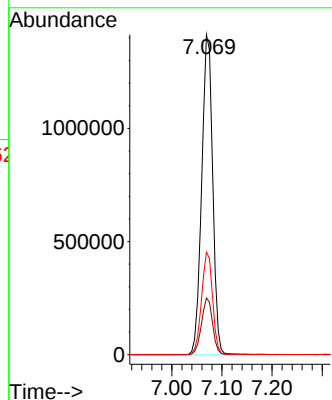
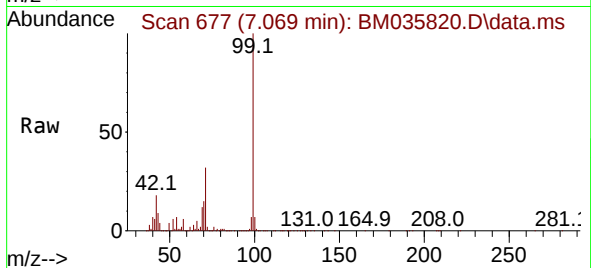




#7
Phenol-d6
Concen: 95.354 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

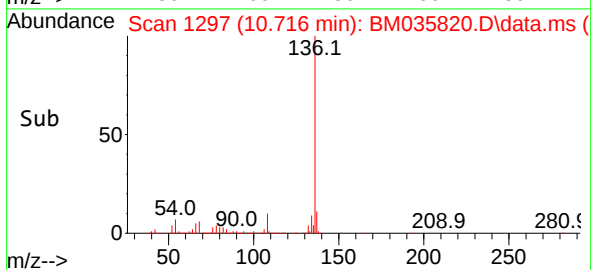
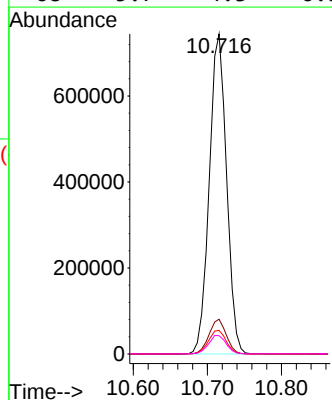
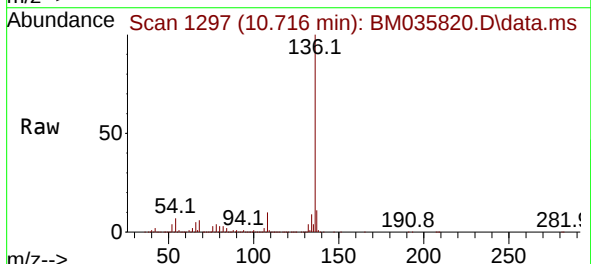
Instrument :
BNA_M
ClientSampleId :
SED-6-(6-12)

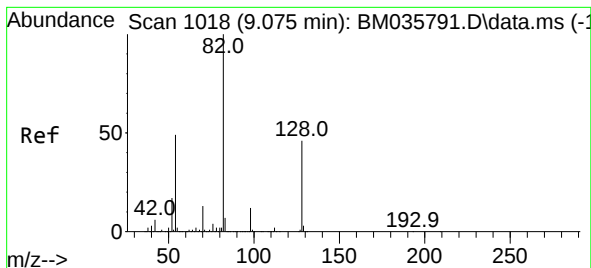
Tgt Ion: 99 Resp: 2156180
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

Tgt Ion:136 Resp: 1204544
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 7.0 10.4
68 5.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 63.050 ng

RT: 9.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035820.D

Acq: 14 Jul 2022 19:55

Instrument :

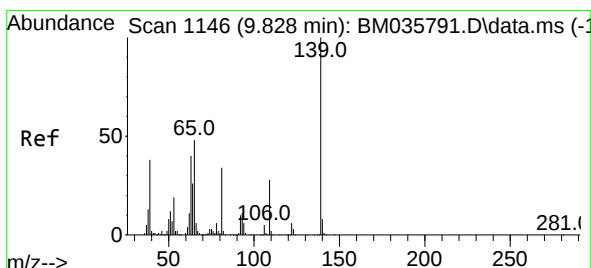
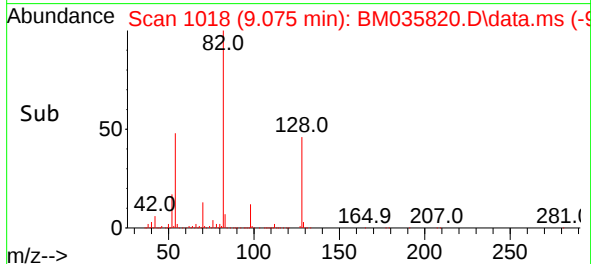
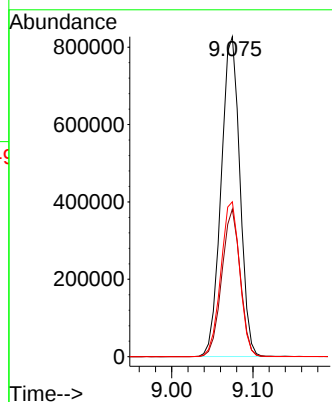
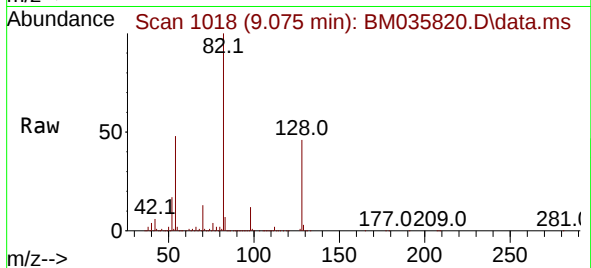
BNA_M

ClientSampleId :

SED-6-(6-12)

Tgt Ion: 82 Resp: 1328487

Ion	Ratio	Lower	Upper
82	100		
128	46.1	33.7	50.5
54	48.4	43.2	64.8



#26

2-Nitrophenol

Concen: 4.580 ng

RT: 9.863 min Scan# 1152

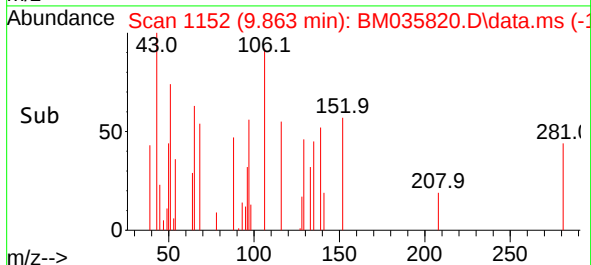
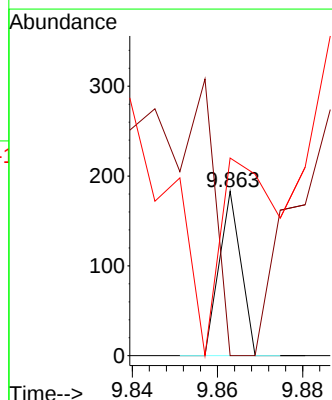
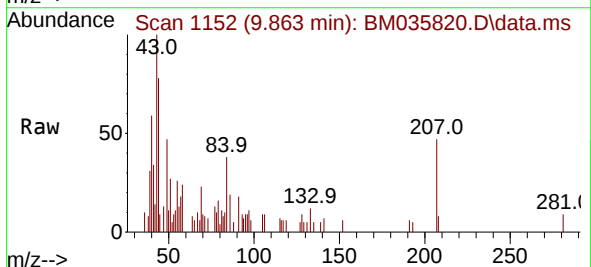
Delta R.T. 0.035 min

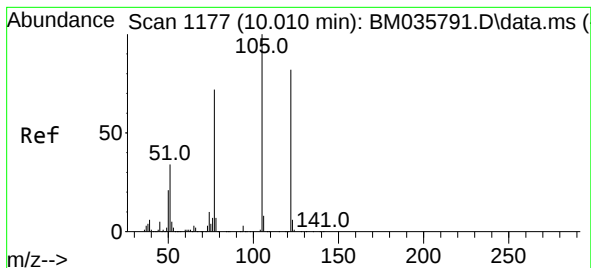
Lab File: BM035820.D

Acq: 14 Jul 2022 19:55

Tgt Ion: 139 Resp: 65

Ion	Ratio	Lower	Upper
139	100		
109	0.0	25.6	38.4#
65	120.2	43.2	64.8#





#32

Benzoic acid

Concen: 8.046 ng

RT: 10.016 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BM035820.D

Acq: 14 Jul 2022 19:55

Instrument :

BNA_M

ClientSampleId :

SED-6-(6-12)

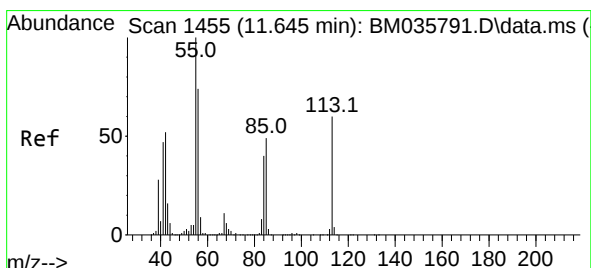
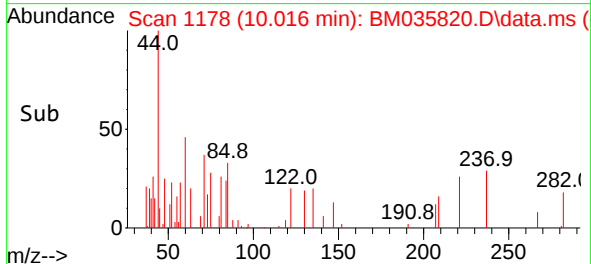
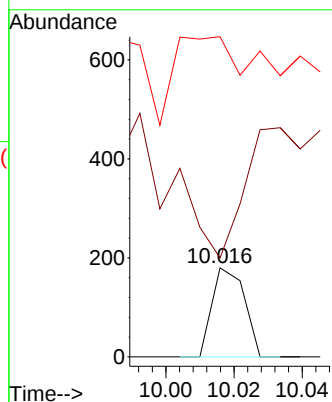
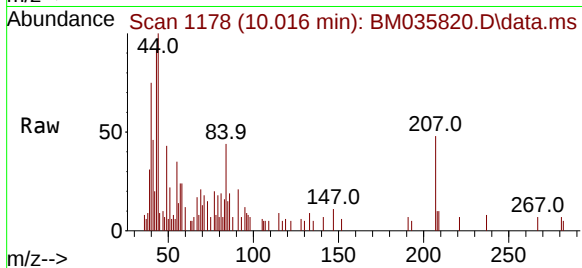
Tgt Ion:122 Resp: 118

Ion Ratio Lower Upper

122 100

105 111.1 105.7 145.7

77 359.4 80.0 120.0#



#35

Caprolactam

Concen: 5.108 ng

RT: 11.704 min Scan# 1465

Delta R.T. 0.059 min

Lab File: BM035820.D

Acq: 14 Jul 2022 19:55

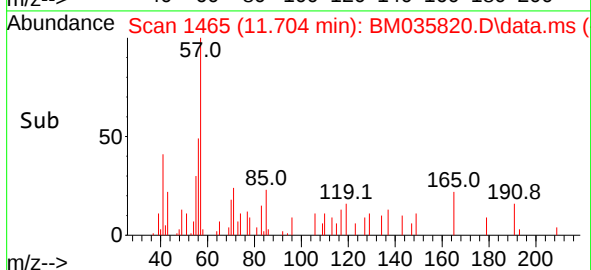
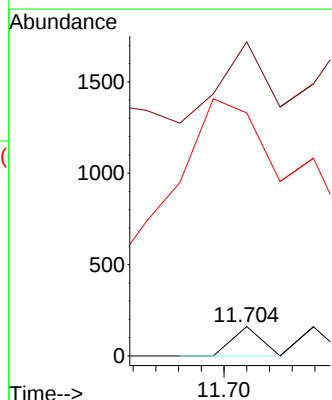
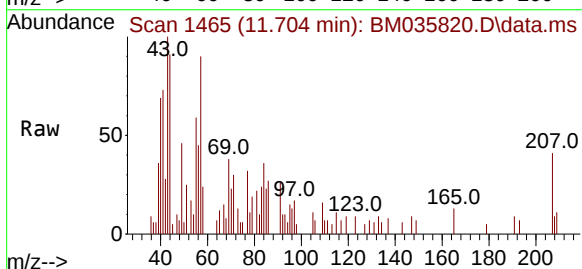
Tgt Ion:113 Resp: 57

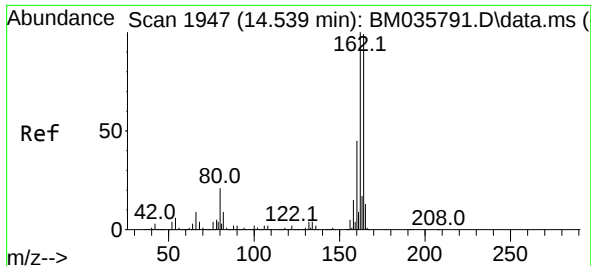
Ion Ratio Lower Upper

113 100

55 1067.7 150.1 190.1#

56 826.1 111.7 151.7#

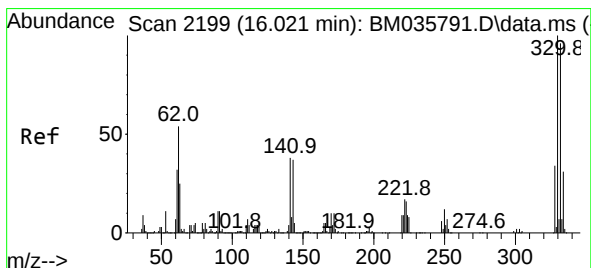
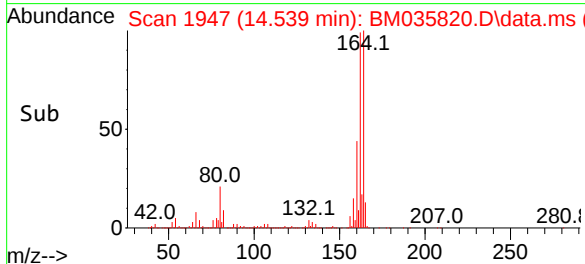
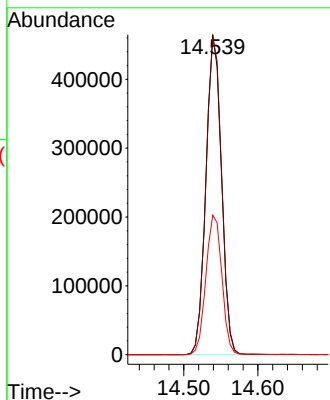
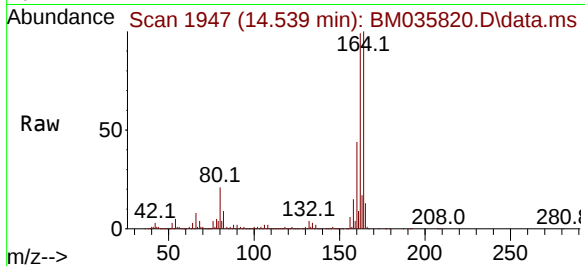




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

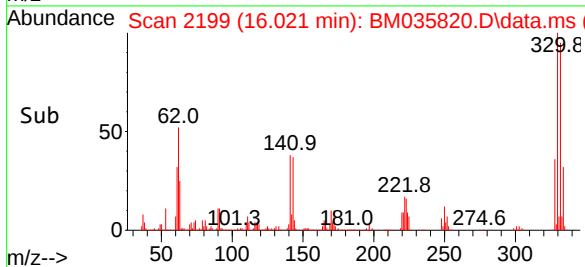
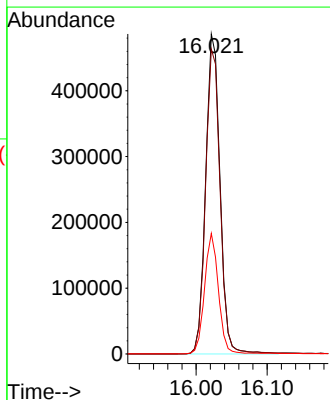
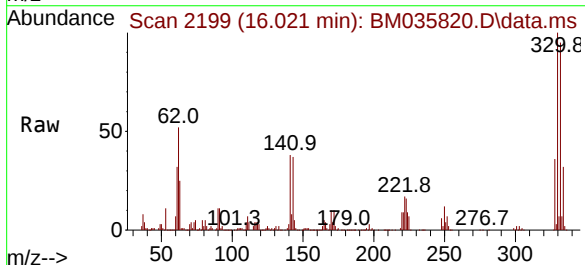
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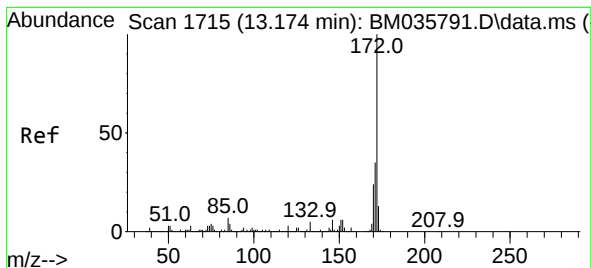
Tgt Ion:164 Resp: 675661
Ion Ratio Lower Upper
164 100
162 99.3 83.0 124.6
160 43.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 99.950 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

Tgt Ion:330 Resp: 685795
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 36.3 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 52.418 ng

RT: 13.174 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035820.D

Acq: 14 Jul 2022 19:55

Instrument :

BNA_M

ClientSampleId :

SED-6-(6-12)

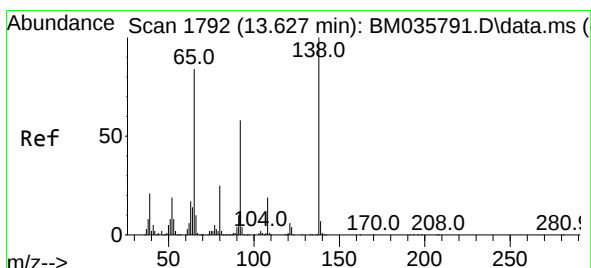
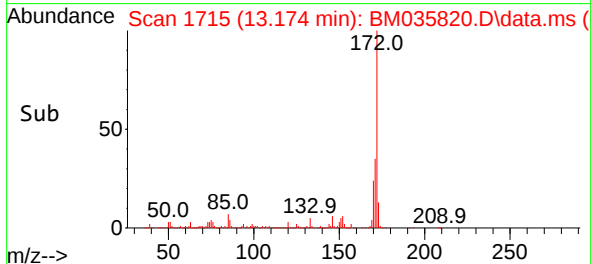
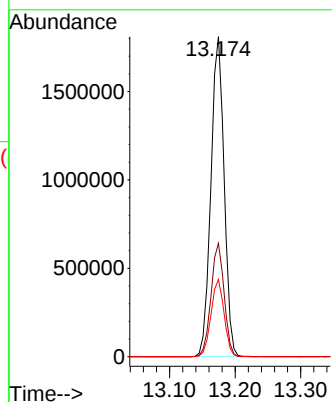
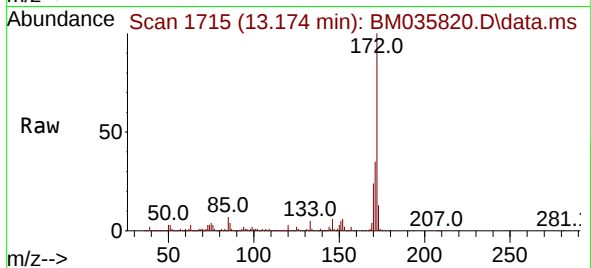
Tgt Ion:172 Resp: 2539528

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.2 18.7 28.1



#48

2-Nitroaniline

Concen: 3.612 ng

RT: 13.639 min Scan# 1794

Delta R.T. 0.012 min

Lab File: BM035820.D

Acq: 14 Jul 2022 19:55

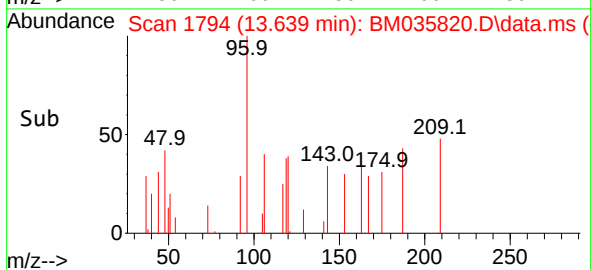
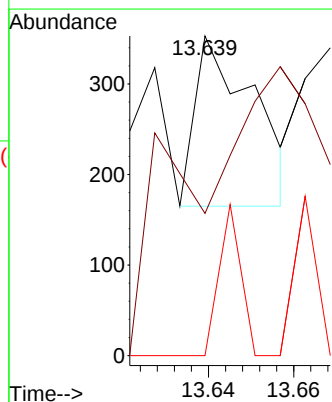
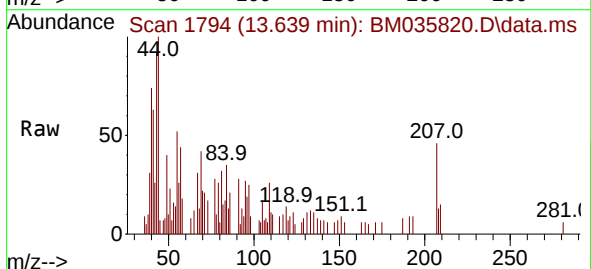
Tgt Ion: 65 Resp: 180

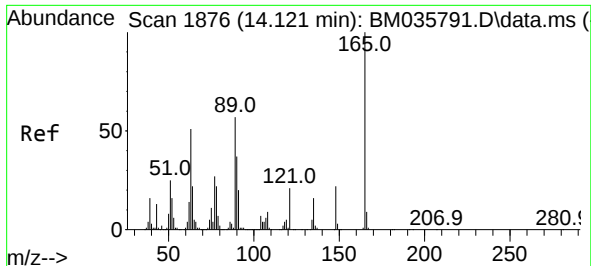
Ion Ratio Lower Upper

65 100

92 44.5 53.7 80.5#

138 0.0 83.9 125.9#

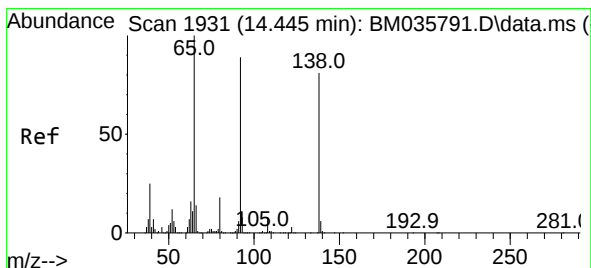
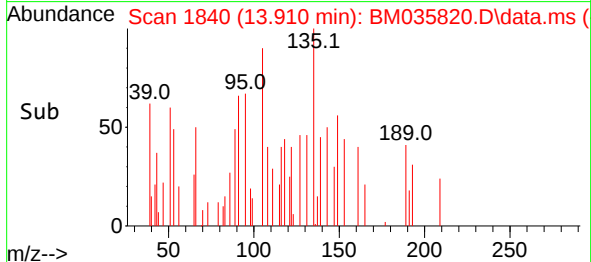
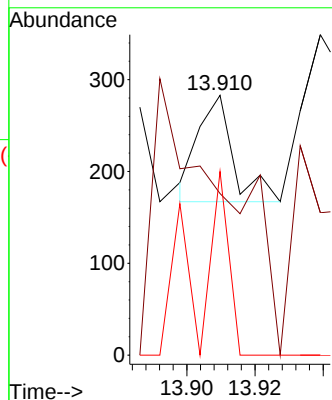
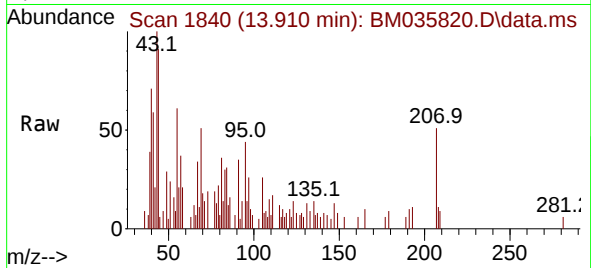




#51
2,6-Dinitrotoluene
Concen: 2.304 ng
RT: 13.910 min Scan# 11
Delta R.T. -0.211 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

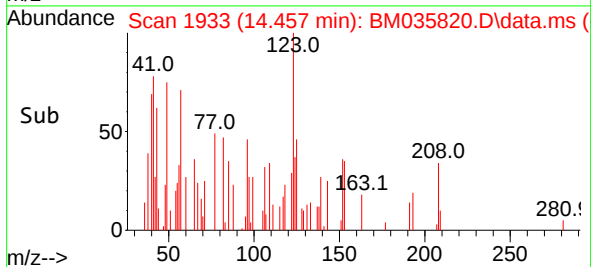
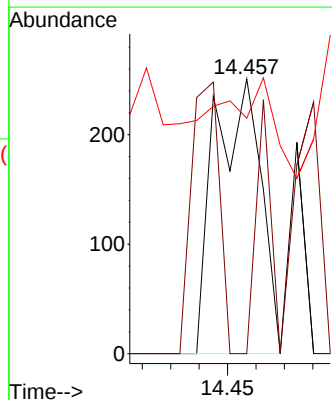
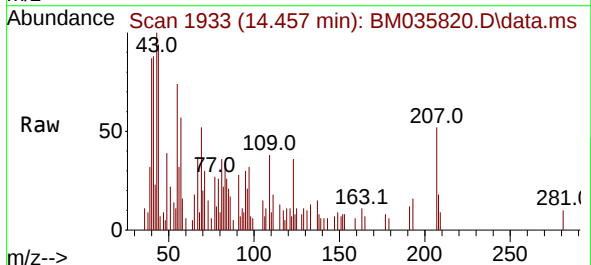
Instrument :
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SED-6-(6-12)

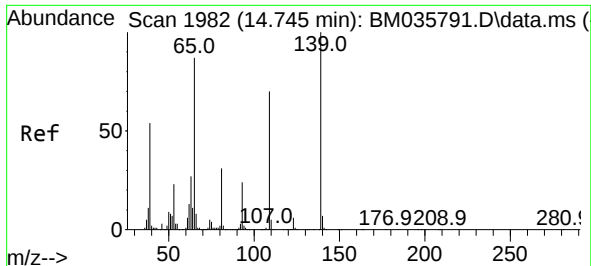
Tgt Ion:165 Resp: 83
Ion Ratio Lower Upper
165 100
63 62.2 50.2 75.2
89 70.7 48.4 72.6



#53
3-Nitroaniline
Concen: 2.693 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.012 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

Tgt Ion:138 Resp: 283
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 85.7 91.5 137.3#

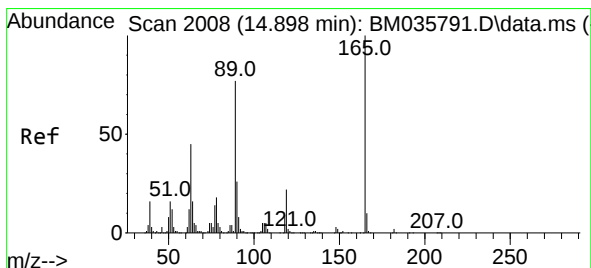
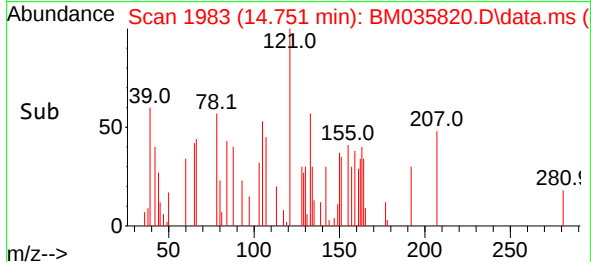
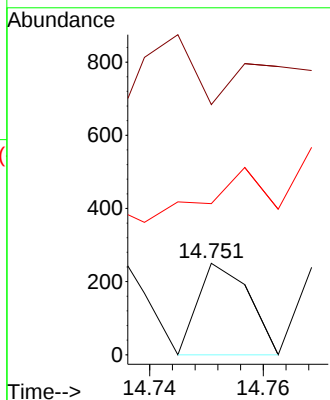
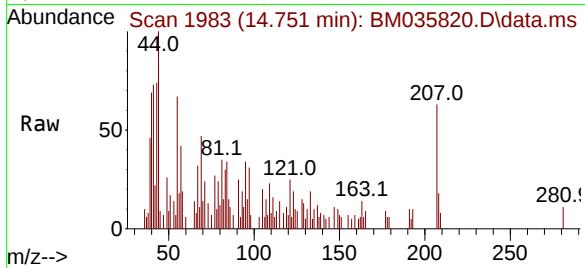




#56
4-Nitrophenol
Concen: 4.067 ng
RT: 14.751 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

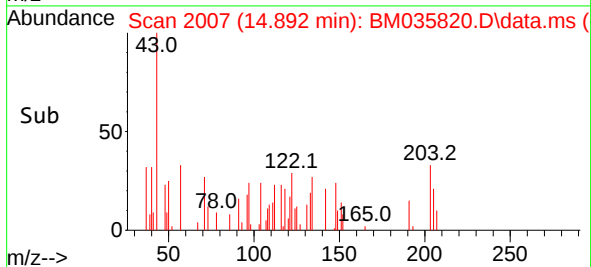
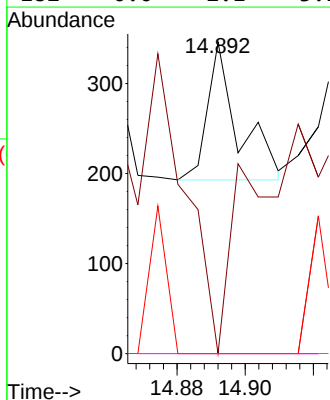
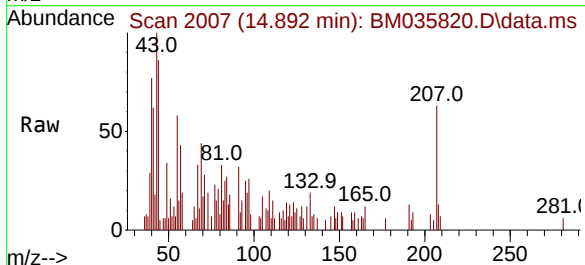
Instrument :
BNA_M
ClientSampleId :
SED-6-(6-12)

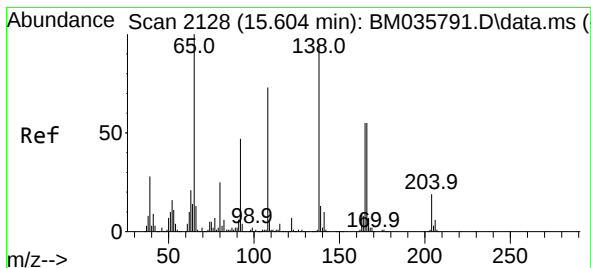
Tgt Ion:139 Resp: 156
Ion Ratio Lower Upper
139 100
109 273.6 62.5 102.5#
65 165.2 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.344 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

Tgt Ion:165 Resp: 96
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#

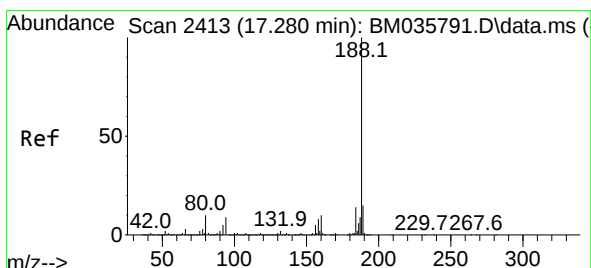
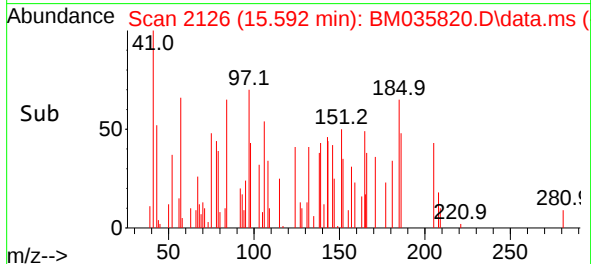
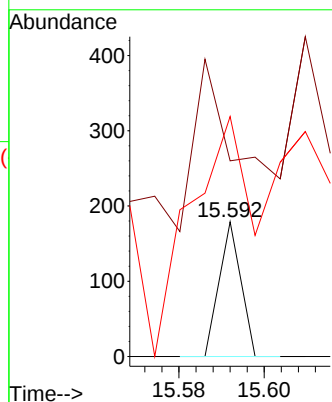
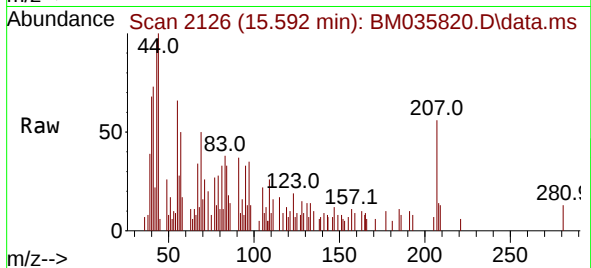




#62
4-Nitroaniline
Concen: 2.805 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

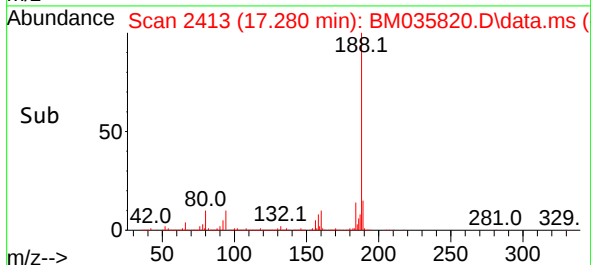
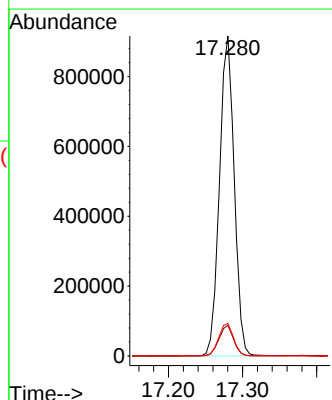
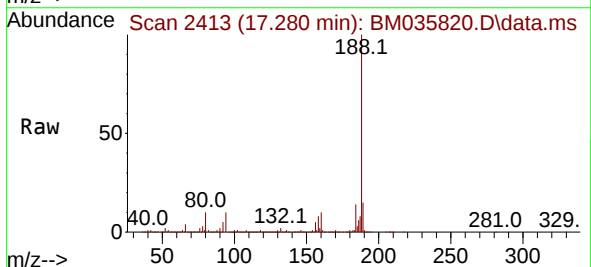
Instrument :
BNA_M
ClientSampleId :
SED-6-(6-12)

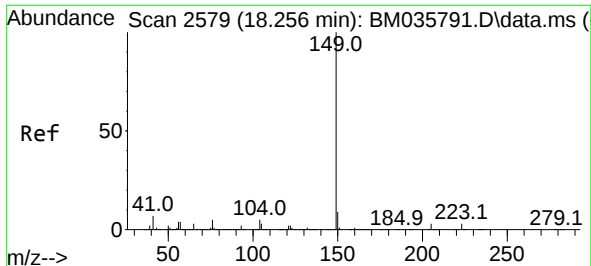
Tgt Ion:138 Resp: 63
Ion Ratio Lower Upper
138 100
92 145.3 30.8 70.8#
108 178.2 65.7 105.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

Tgt Ion:188 Resp: 1267948
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.2 7.6 11.4

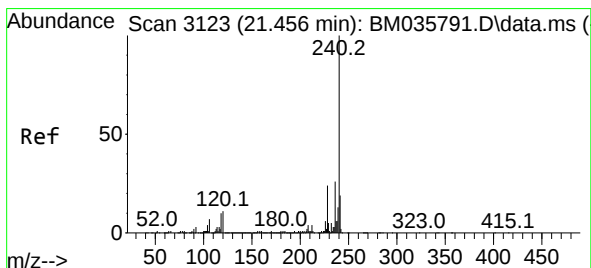
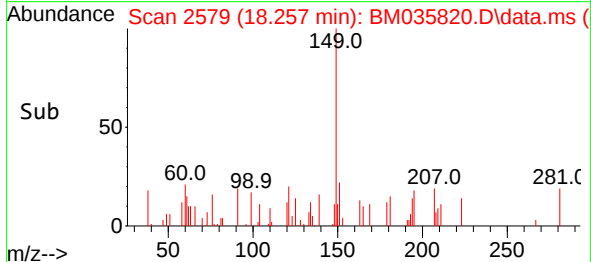
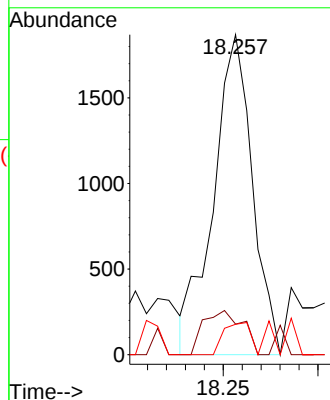
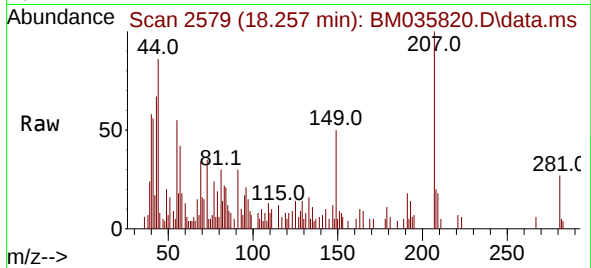




#74
Di-n-butylphthalate
Concen: 2.300 ng
RT: 18.257 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

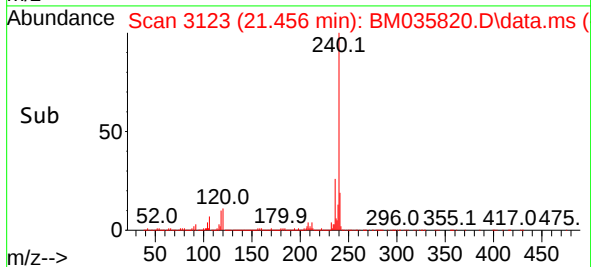
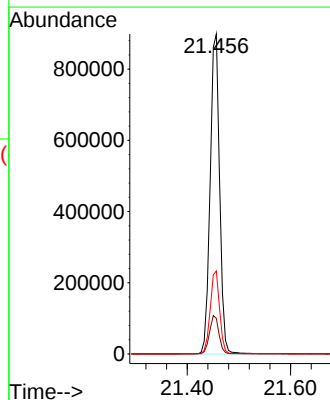
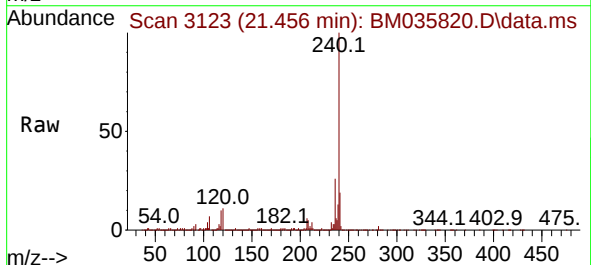
Instrument :
BNA_M
ClientSampleId :
SED-6-(6-12)

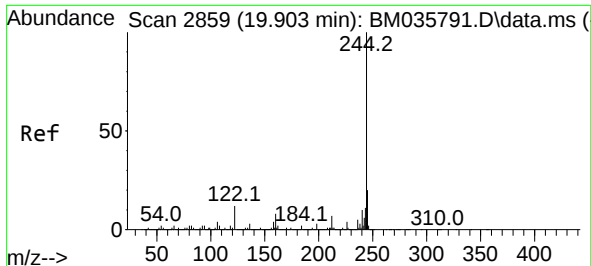
Tgt Ion:149 Resp: 2677
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 9.5 4.3 6.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

Tgt Ion:240 Resp: 1140043
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 25.9 20.6 30.8

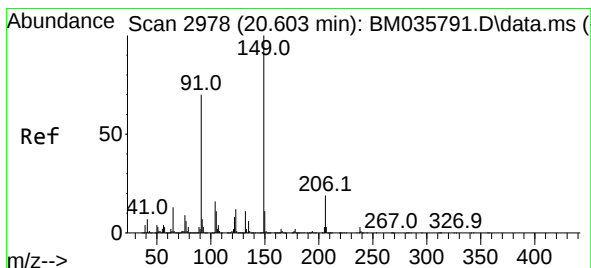
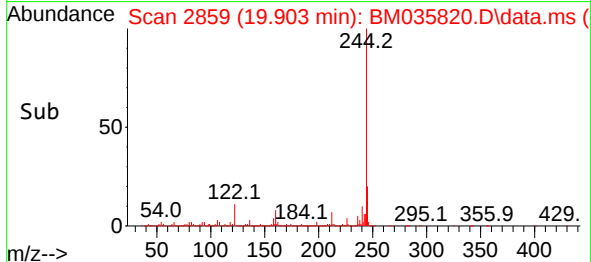
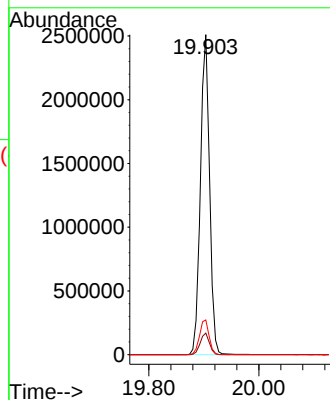
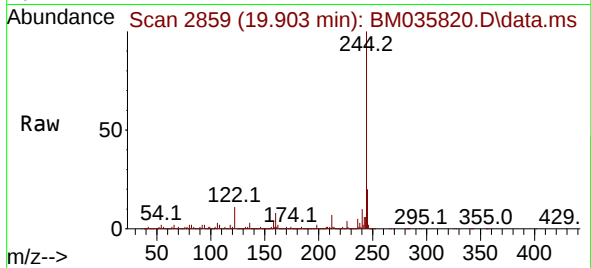




#79
 Terphenyl-d14
 Concen: 49.532 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035820.D
 Acq: 14 Jul 2022 19:55

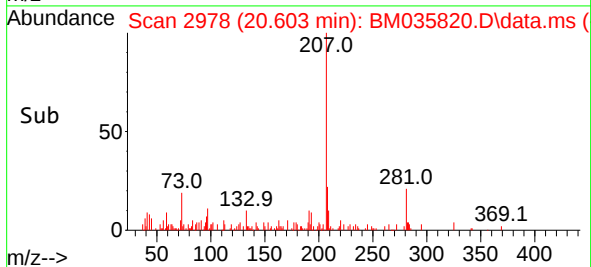
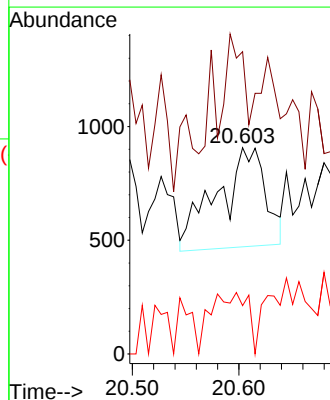
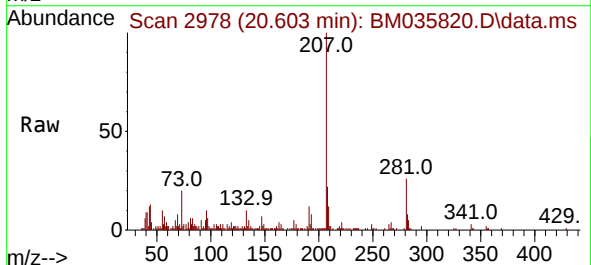
Instrument :
 BNA_M
 ClientSampleId :
 SED-6-(6-12)

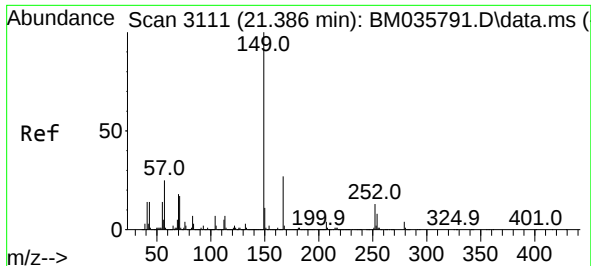
Tgt Ion:244 Resp: 2908949
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.4
 122 10.9 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.210 ng
 RT: 20.603 min Scan# 2978
 Delta R.T. 0.000 min
 Lab File: BM035820.D
 Acq: 14 Jul 2022 19:55

Tgt Ion:149 Resp: 1373
 Ion Ratio Lower Upper
 149 100
 91 146.5 56.6 85.0#
 206 23.5 15.4 23.0#

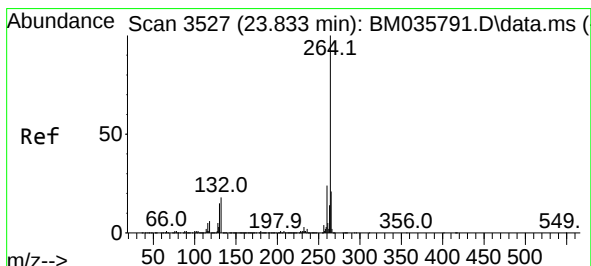
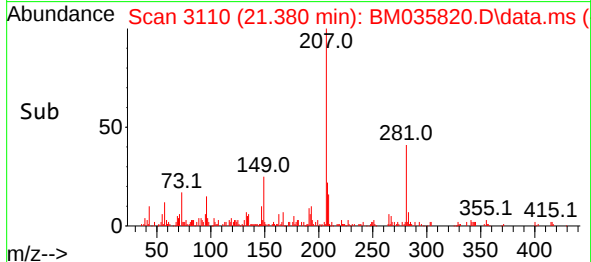
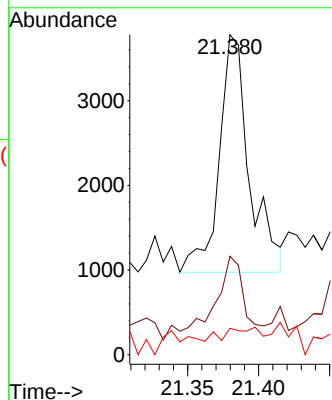
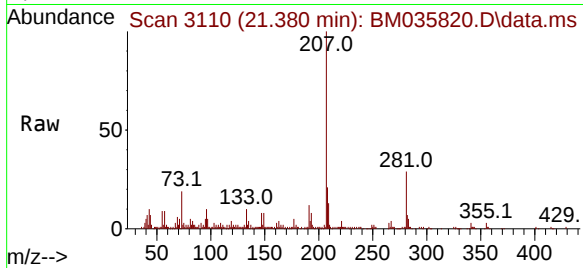




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.336 ng
RT: 21.380 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

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

Tgt Ion:149 Resp: 4156
Ion Ratio Lower Upper
149 100
167 30.7 21.1 31.7
279 8.3 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3528
Delta R.T. 0.006 min
Lab File: BM035820.D
Acq: 14 Jul 2022 19:55

Tgt Ion:264 Resp: 1137910
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 22.1 17.5 26.3

