

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035821.D
 Acq On : 14 Jul 2022 20:32
 Operator : CG/JU
 Sample : N3652-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-6-(12-18)

Quant Time: Jul 15 01:11:19 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)

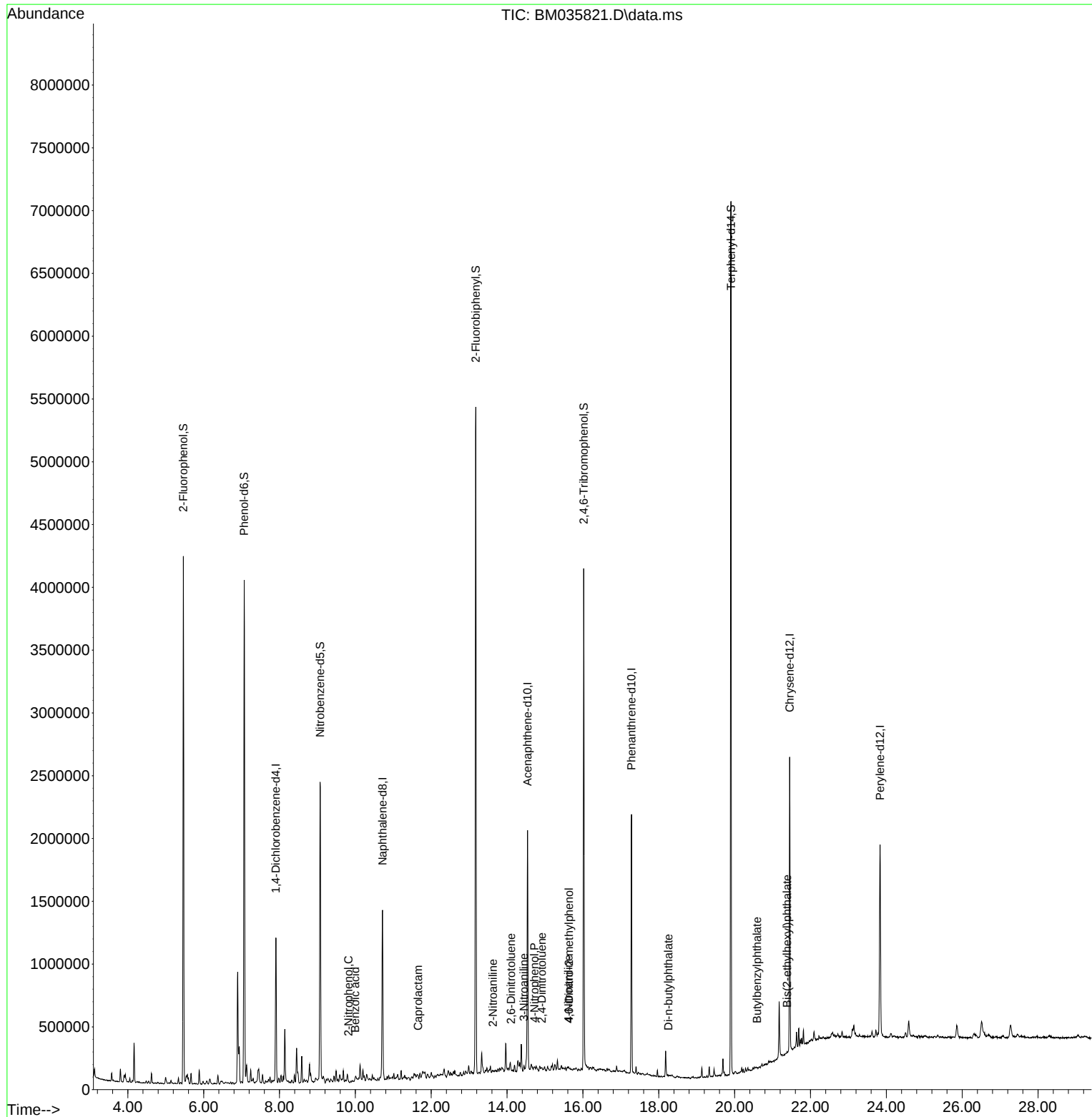
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	287763	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1144321	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	630886	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1209776	20.000	ng	0.00
76) Chrysene-d12	21.451	240	1078195	20.000	ng	0.00
86) Perylene-d12	23.833	264	1086810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	1779772	100.459	ng	0.00
7) Phenol-d6	7.069	99	2204913	99.498	ng	0.00
23) Nitrobenzene-d5	9.069	82	1342089	67.047	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	706973	110.349	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	2670103	59.024	ng	0.00
79) Terphenyl-d14	19.904	244	3277098	59.001	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.816	139	484	4.628	ng	# 1
32) Benzoic acid	9.999	122	157	8.050	ng	# 1
35) Caprolactam	11.651	113	234	5.143	ng	# 1
48) 2-Nitroaniline	13.628	65	417	3.636	ng	# 57
51) 2,6-Dinitrotoluene	14.104	165	1631	2.471	ng	# 35
53) 3-Nitroaniline	14.445	138	1884	2.837	ng	# 25
56) 4-Nitrophenol	14.722	139	541	4.112	ng	# 1
57) 2,4-Dinitrotoluene	14.916	165	395	3.368	ng	# 57
62) 4-Nitroaniline	15.622	138	199	2.817	ng	# 10
65) 4,6-Dinitro-2-methylph...	15.633	198	68	6.598	ng	# 1
74) Di-n-butylphthalate	18.251	149	2872	2.304	ng	# 80
80) Butylbenzylphthalate	20.592	149	236	4.169	ng	# 59
84) Bis(2-ethylhexyl)phtha...	21.380	149	4634	3.354	ng	# 96

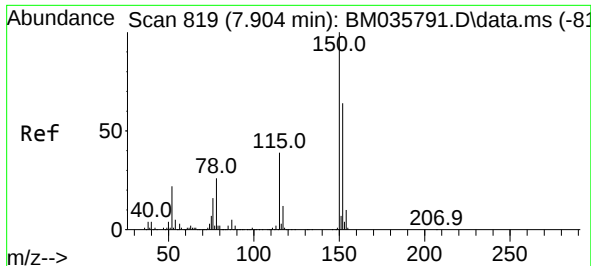
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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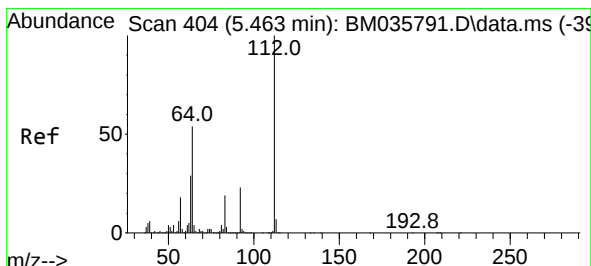
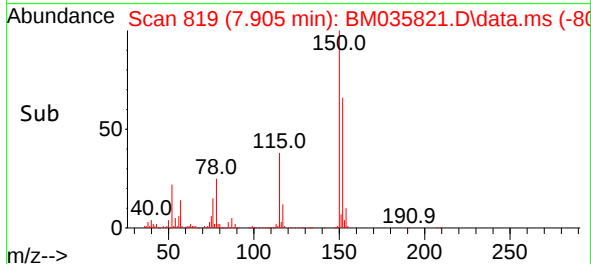
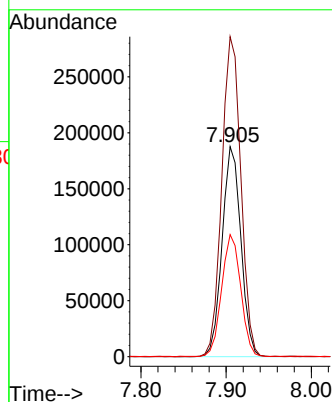
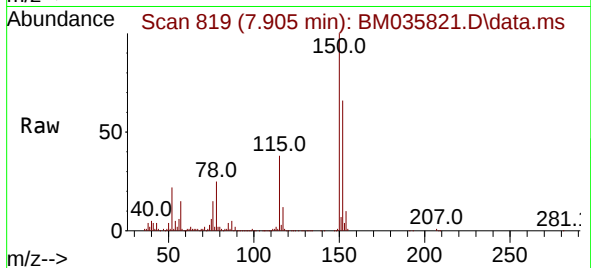


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 819
 Delta R.T. 0.001 min
 Lab File: BM035821.D
 Acq: 14 Jul 2022 20:32

Instrument :
 BNA_M
 ClientSampleId :
 SED-6-(12-18)

Tgt Ion:152 Resp: 287763

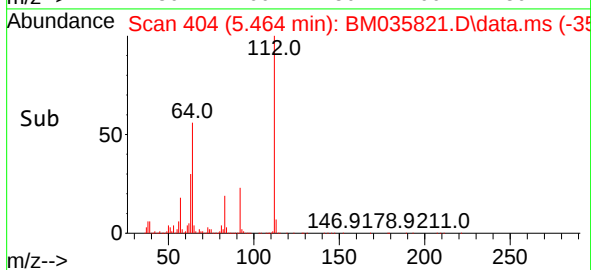
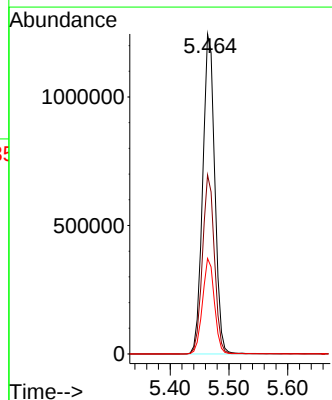
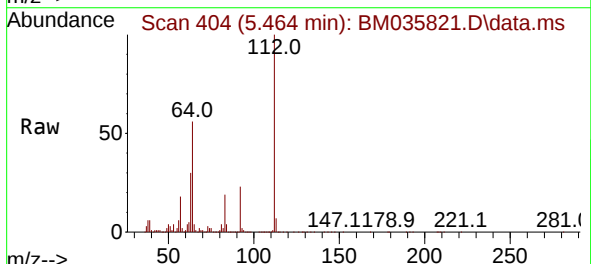
Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.9	187.3
115	58.1	47.9	71.9



#5
 2-Fluorophenol
 Concen: 100.459 ng
 RT: 5.464 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035821.D
 Acq: 14 Jul 2022 20:32

Tgt Ion:112 Resp: 1779772

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.8	71.6
63	29.9	26.6	40.0

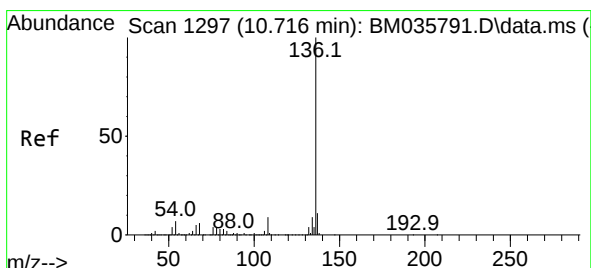
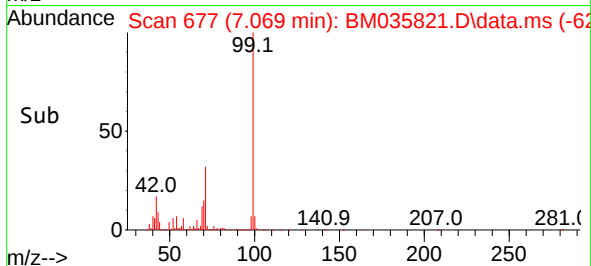
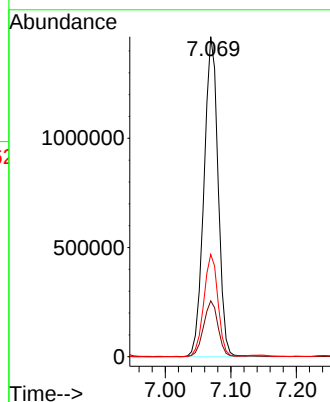
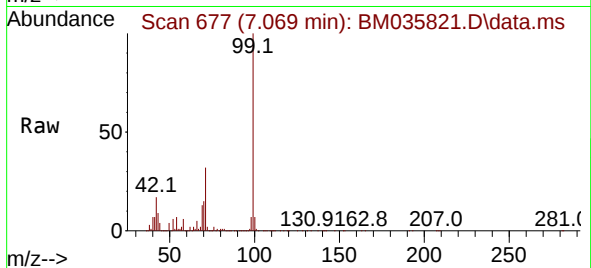




#7
Phenol-d6
Concen: 99.498 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

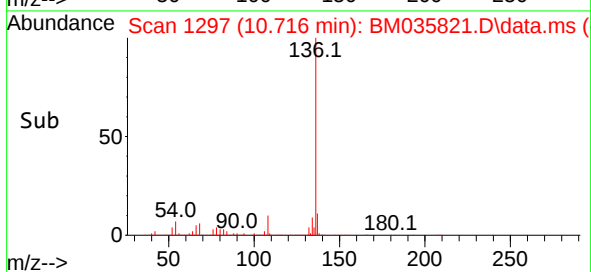
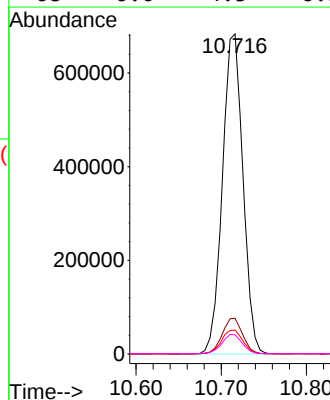
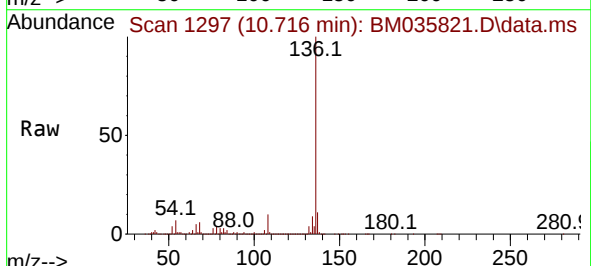
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

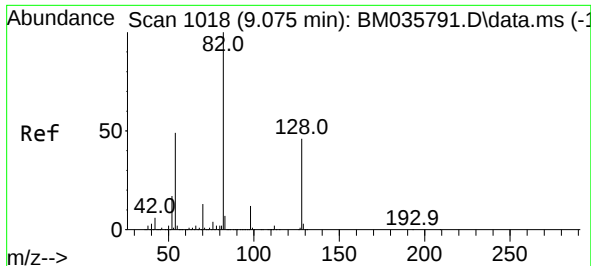
Tgt Ion: 99 Resp: 2204913
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 31.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:136 Resp: 1144321
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 7.0 10.4
68 6.0 4.3 6.5

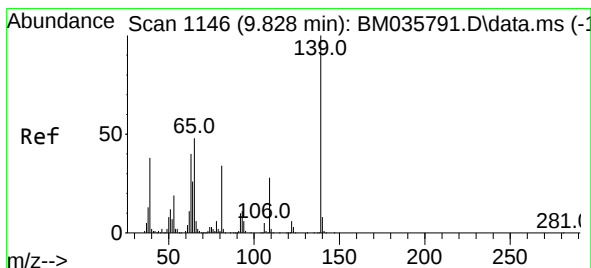
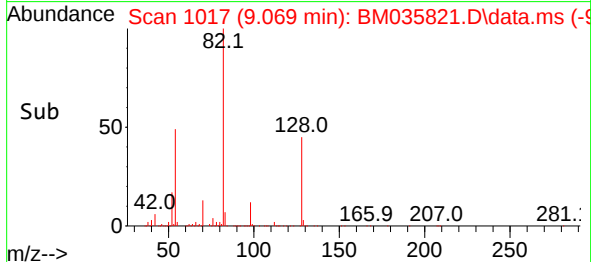
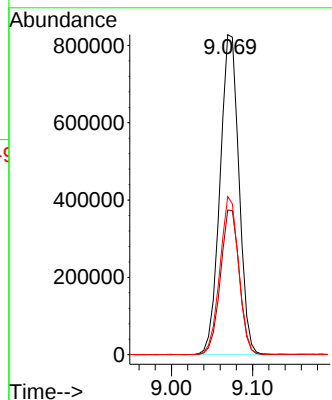
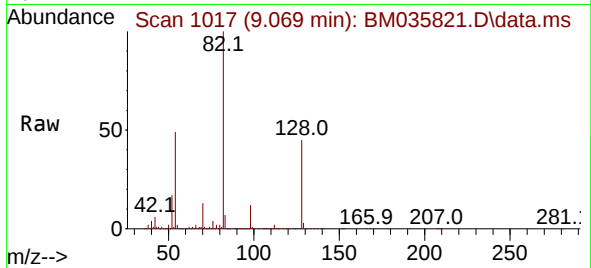




#23
Nitrobenzene-d5
Concen: 67.047 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.005 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

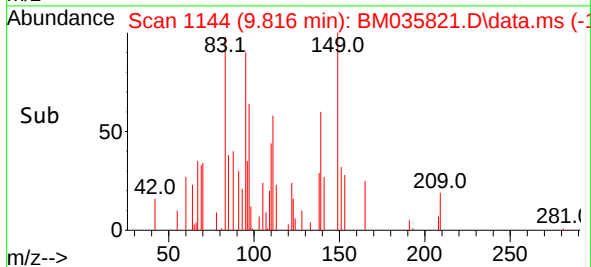
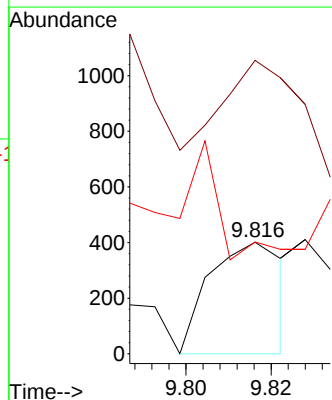
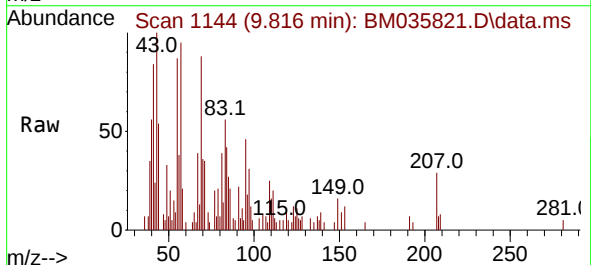
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

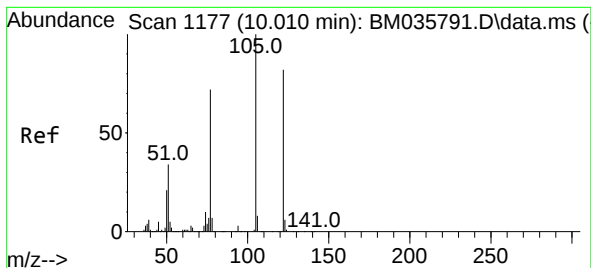
Tgt Ion: 82 Resp: 1342089
Ion Ratio Lower Upper
82 100
128 45.2 33.7 50.5
54 49.4 43.2 64.8



#26
2-Nitrophenol
Concen: 4.628 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:139 Resp: 484
Ion Ratio Lower Upper
139 100
109 263.1 25.6 38.4#
65 100.2 43.2 64.8#





#32

Benzoic acid

Concen: 8.050 ng

RT: 9.999 min Scan# 1175

Delta R.T. -0.011 min

Lab File: BM035821.D

Acq: 14 Jul 2022 20:32

Instrument :

BNA_M

ClientSampleId :

SED-6-(12-18)

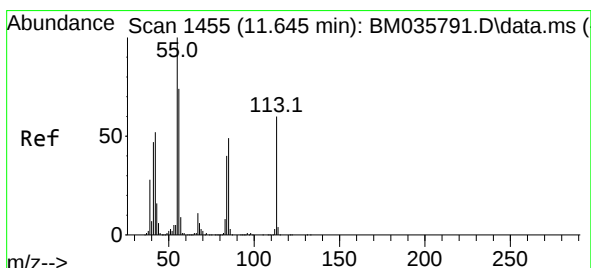
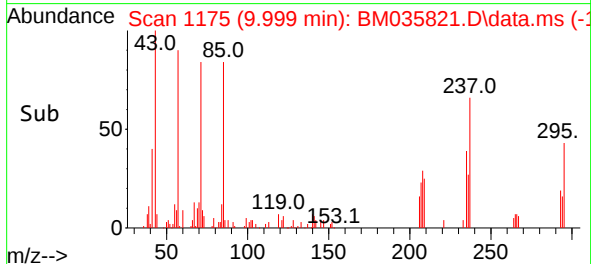
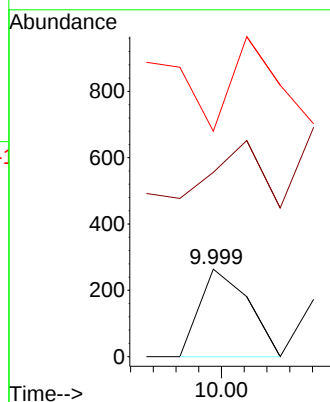
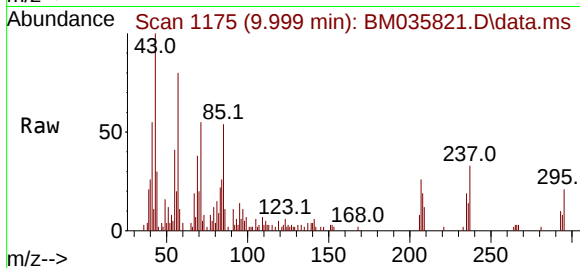
Tgt Ion:122 Resp: 157

Ion Ratio Lower Upper

122 100

105 210.6 105.7 145.7#

77 257.6 80.0 120.0#



#35

Caprolactam

Concen: 5.143 ng

RT: 11.651 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BM035821.D

Acq: 14 Jul 2022 20:32

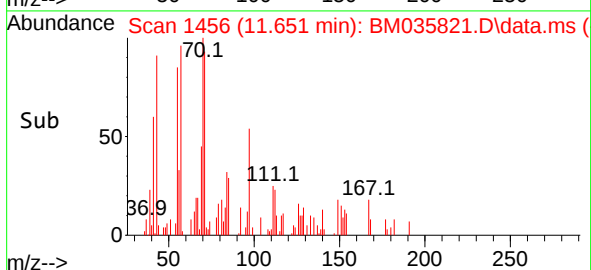
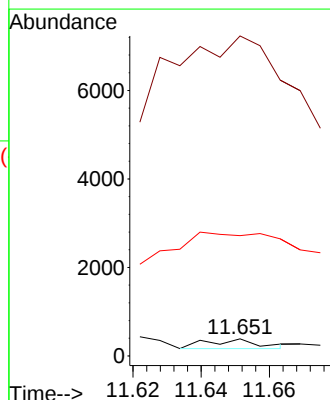
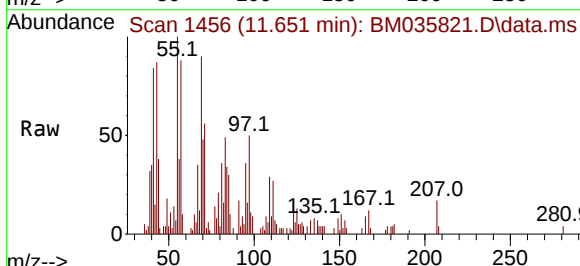
Tgt Ion:113 Resp: 234

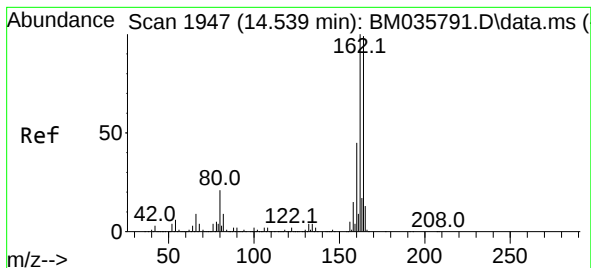
Ion Ratio Lower Upper

113 100

55 1868.5 150.1 190.1#

56 702.8 111.7 151.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BM035821.D

Acq: 14 Jul 2022 20:32

Instrument :

BNA_M

ClientSampleId :

SED-6-(12-18)

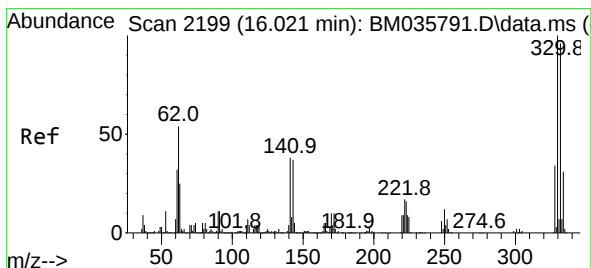
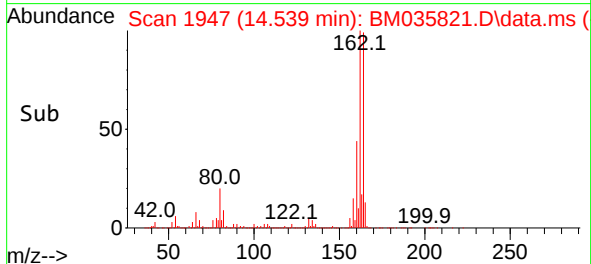
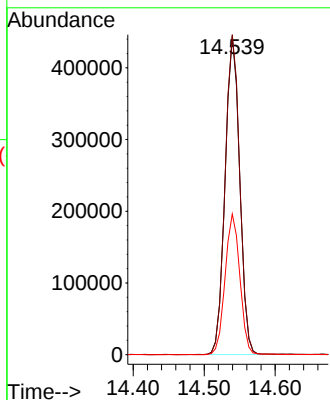
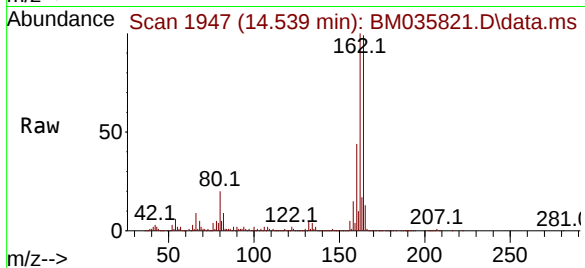
Tgt Ion:164 Resp: 630886

Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.6

160 44.2 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 110.349 ng

RT: 16.022 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BM035821.D

Acq: 14 Jul 2022 20:32

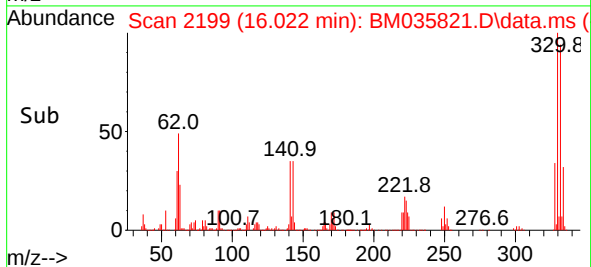
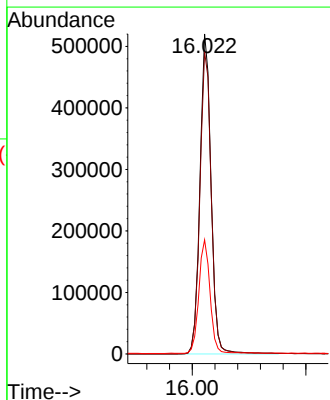
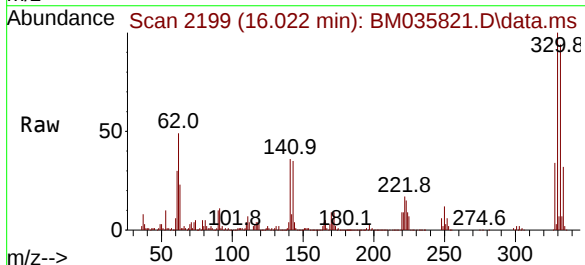
Tgt Ion:330 Resp: 706973

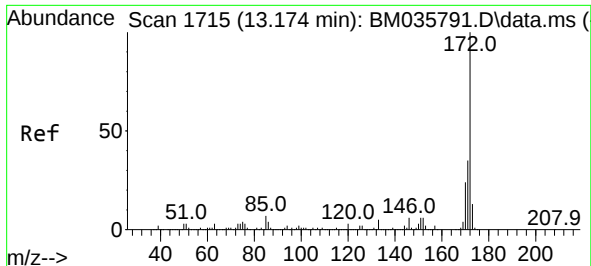
Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 35.6 35.3 52.9

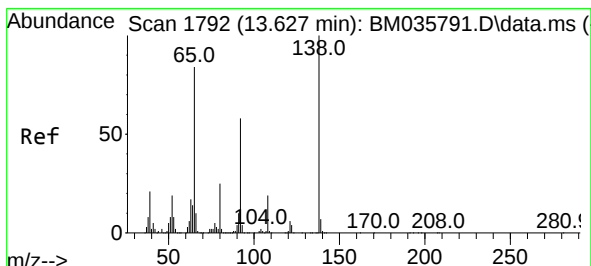
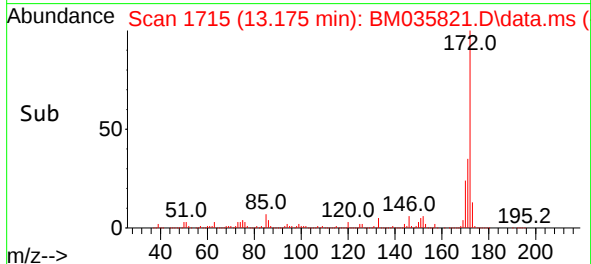
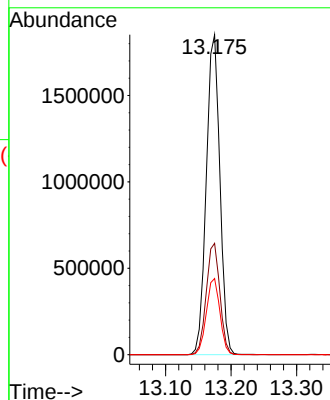
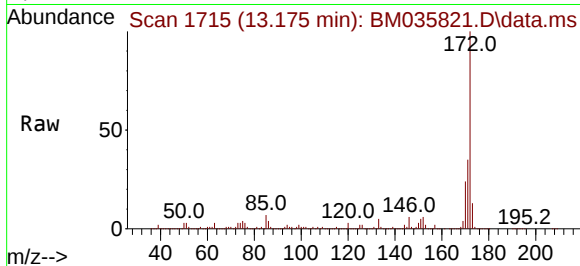




#45
2-Fluorobiphenyl
Concen: 59.024 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

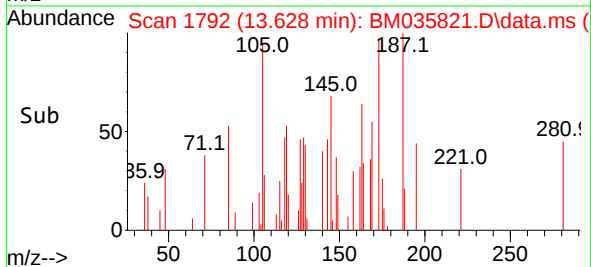
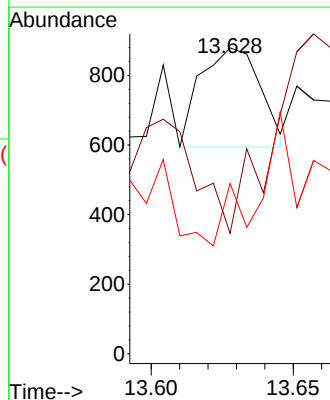
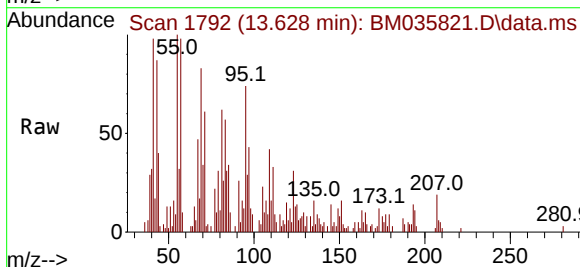
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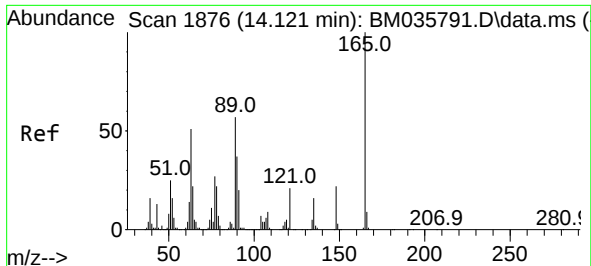
Tgt Ion:172 Resp: 2670103
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.8 18.7 28.1



#48
2-Nitroaniline
Concen: 3.636 ng
RT: 13.628 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion: 65 Resp: 417
Ion Ratio Lower Upper
65 100
92 39.4 53.7 80.5#
138 55.6 83.9 125.9#

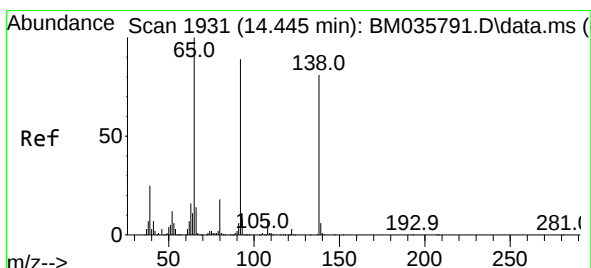
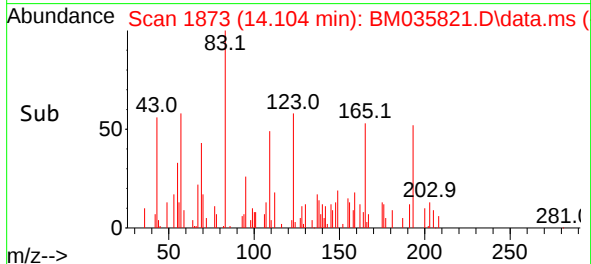
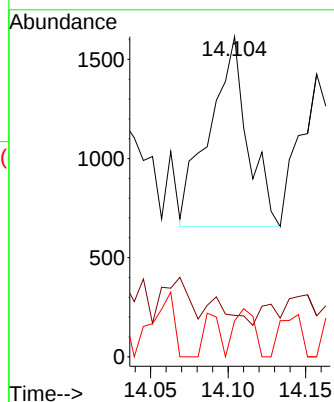
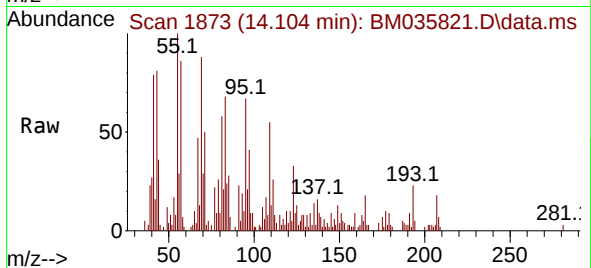




#51
2,6-Dinitrotoluene
Concen: 2.471 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.017 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

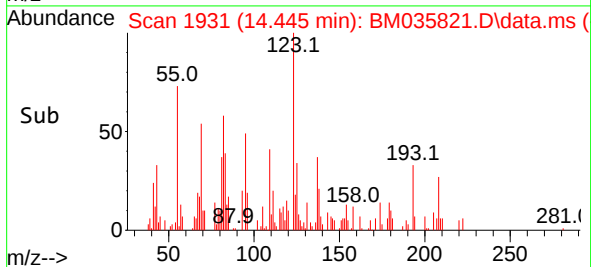
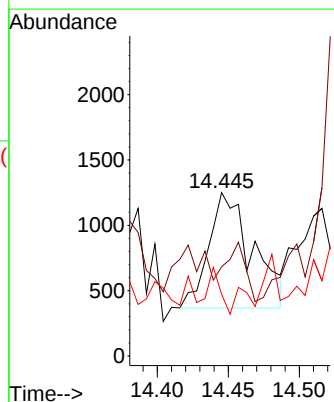
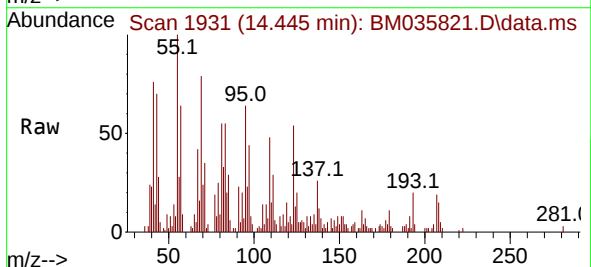
Instrument :
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SED-6-(12-18)

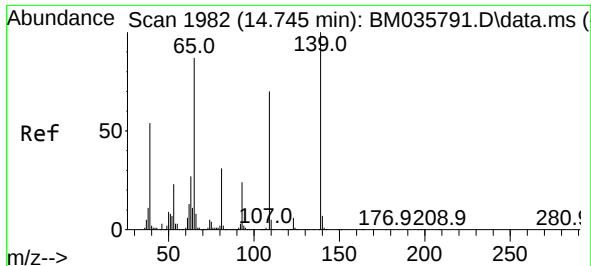
Tgt Ion:165 Resp: 1631
Ion Ratio Lower Upper
165 100
63 12.9 50.2 75.2#
89 11.2 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.837 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:138 Resp: 1884
Ion Ratio Lower Upper
138 100
108 54.7 8.7 13.1#
92 37.8 91.5 137.3#

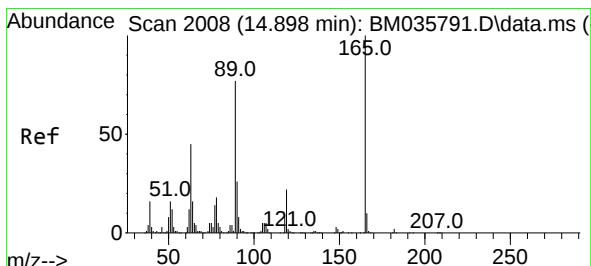
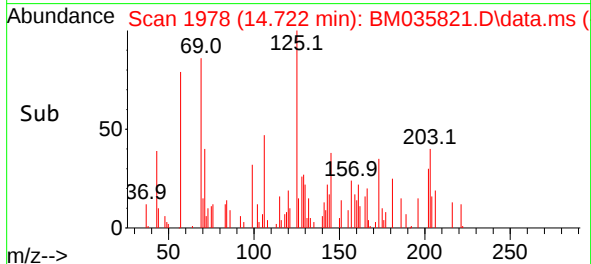
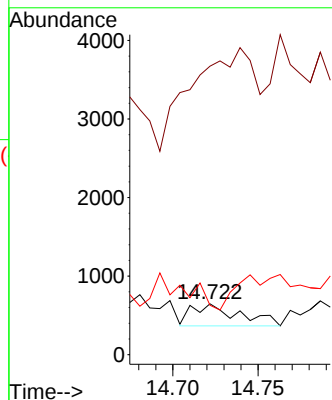
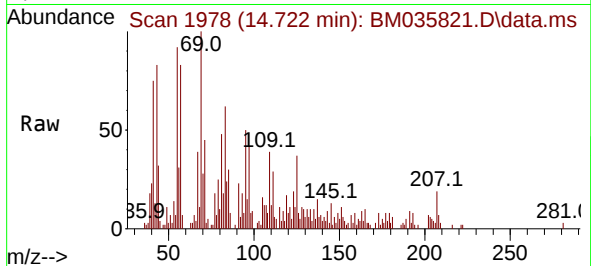




#56
4-Nitrophenol
Concen: 4.112 ng
RT: 14.722 min Scan# 1982
Delta R.T. -0.023 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

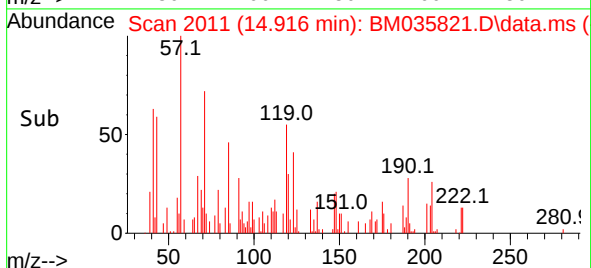
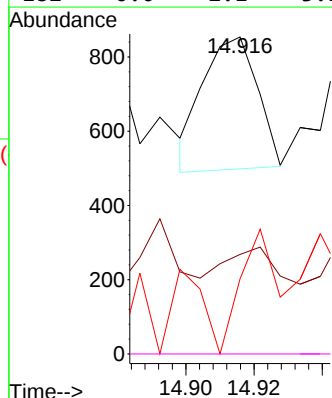
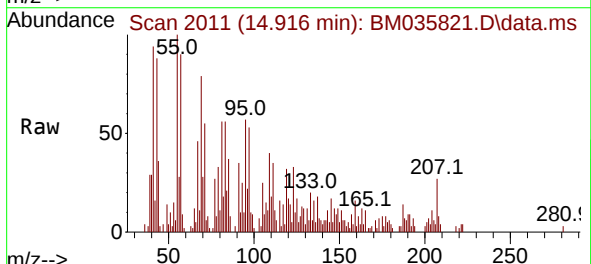
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

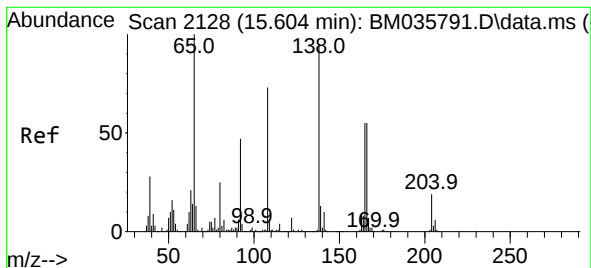
Tgt Ion:139 Resp: 541
Ion Ratio Lower Upper
139 100
109 566.5 62.5 102.5#
65 97.2 83.5 123.5



#57
2,4-Dinitrotoluene
Concen: 3.368 ng
RT: 14.916 min Scan# 2011
Delta R.T. 0.018 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:165 Resp: 395
Ion Ratio Lower Upper
165 100
63 31.4 35.6 53.4#
89 23.7 57.3 85.9#
182 0.0 2.1 3.1#

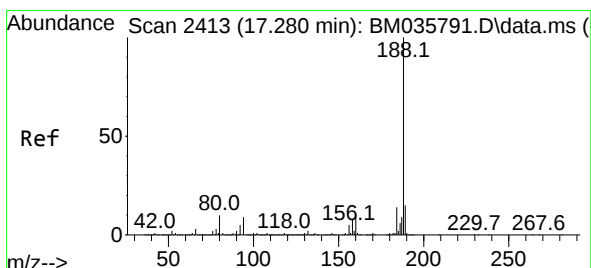
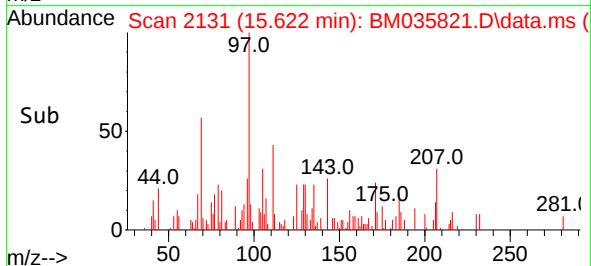
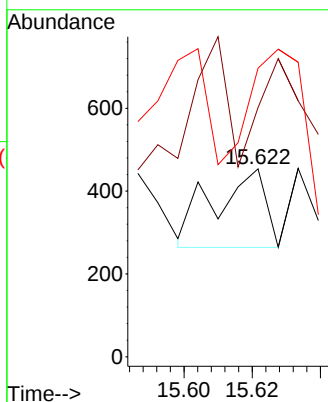
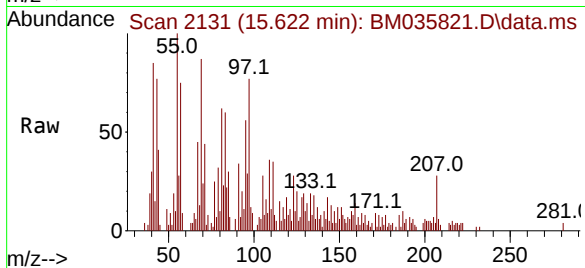




#62
4-Nitroaniline
Concen: 2.817 ng
RT: 15.622 min Scan# 2128
Delta R.T. 0.018 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

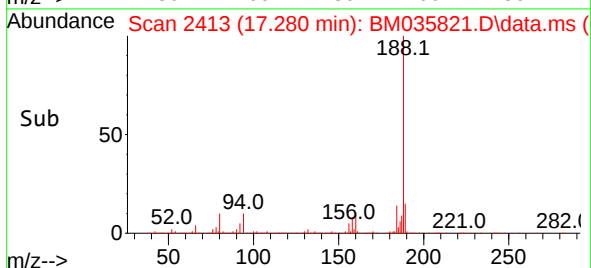
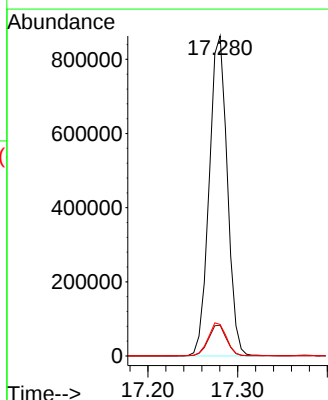
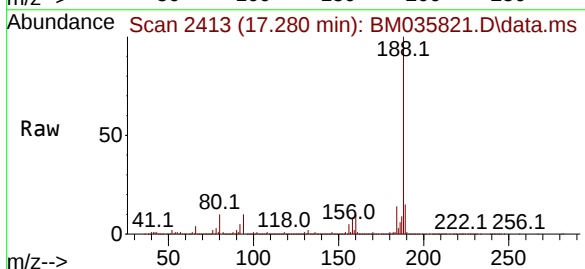
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

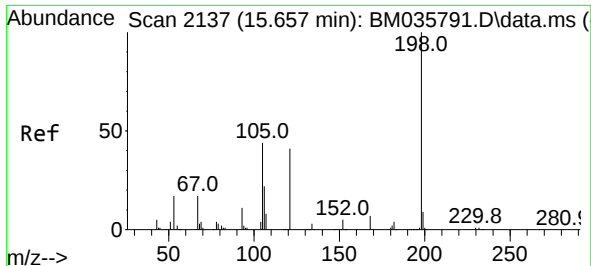
Tgt Ion:138 Resp: 199
Ion Ratio Lower Upper
138 100
92 132.6 30.8 70.8#
108 153.5 65.7 105.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:188 Resp: 1209776
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 9.8 7.6 11.4

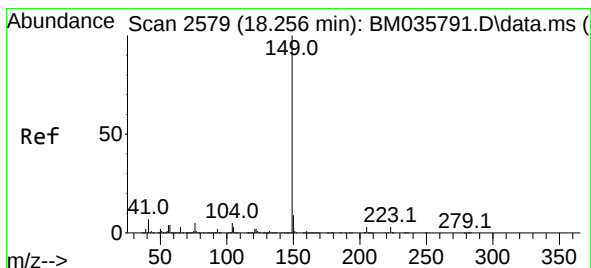
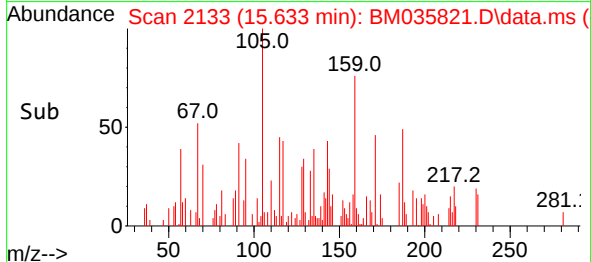
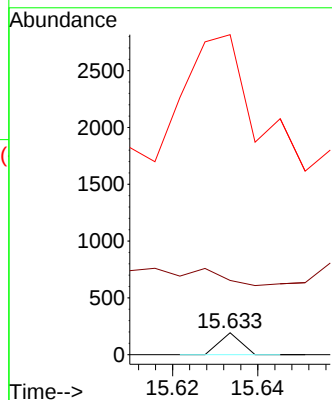
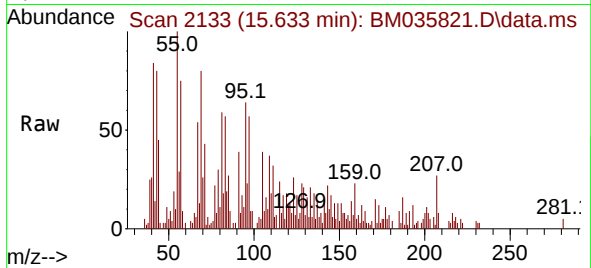




#65
4,6-Dinitro-2-methylphenol
Concen: 6.598 ng
RT: 15.633 min Scan# 2133
Delta R.T. -0.024 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

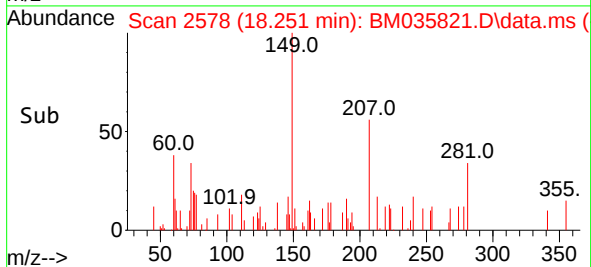
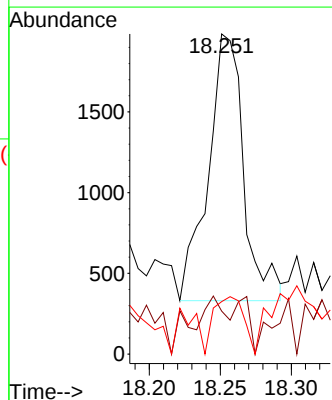
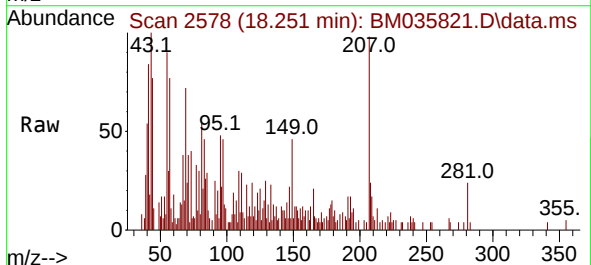
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

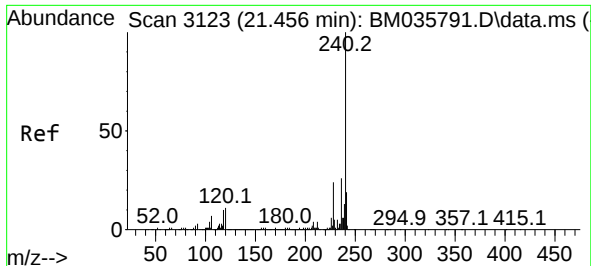
Tgt Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
51 340.1 29.0 69.0#
105 1467.2 22.1 62.1#



#74
Di-n-butylphthalate
Concen: 2.304 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:149 Resp: 2872
Ion Ratio Lower Upper
149 100
150 13.4 7.3 10.9#
104 16.4 4.3 6.5#

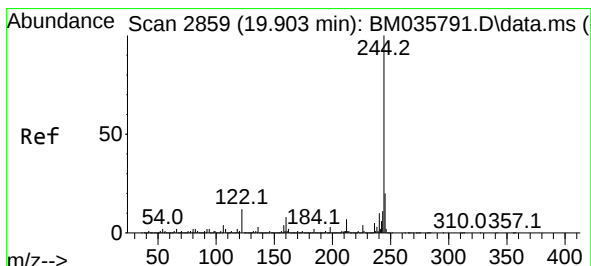
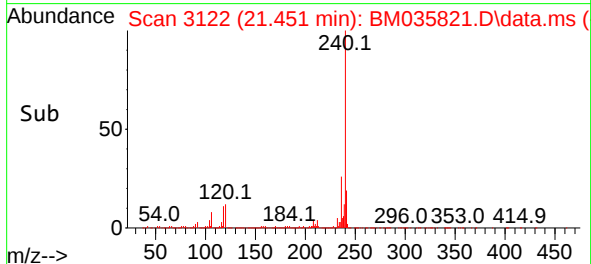
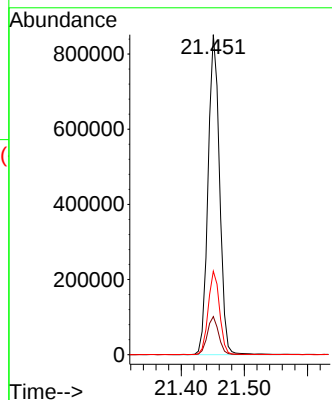
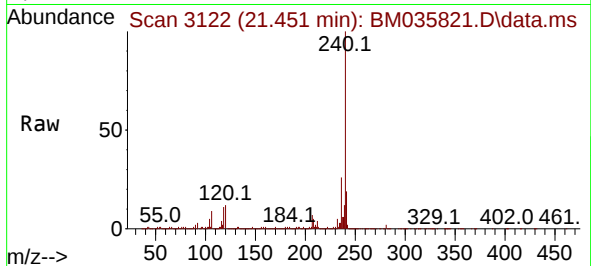




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

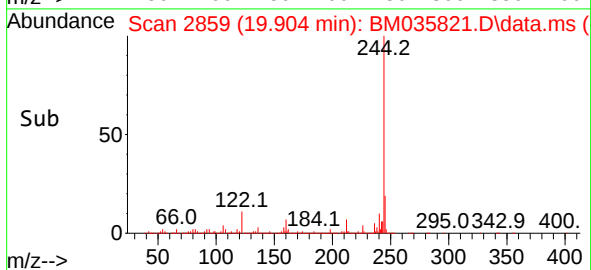
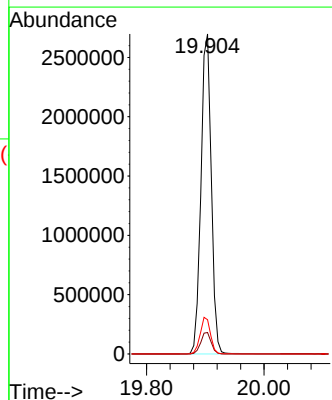
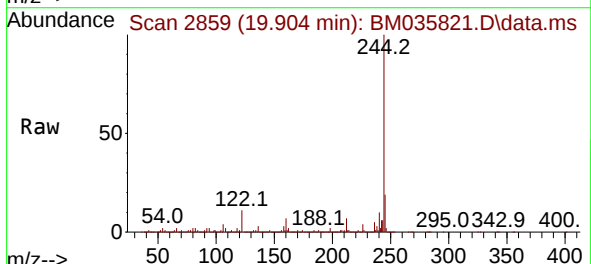
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

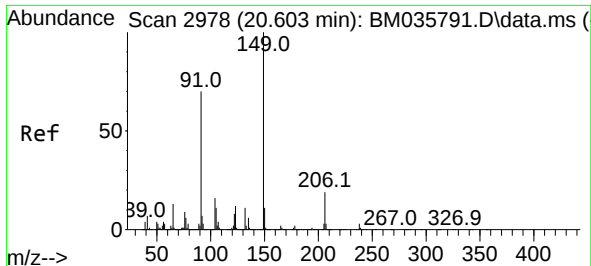
Tgt Ion:240 Resp: 1078195
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.0
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 59.001 ng
RT: 19.904 min Scan# 2859
Delta R.T. 0.001 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:244 Resp: 3277098
Ion Ratio Lower Upper
244 100
212 6.7 6.2 9.4
122 10.7 8.3 12.5

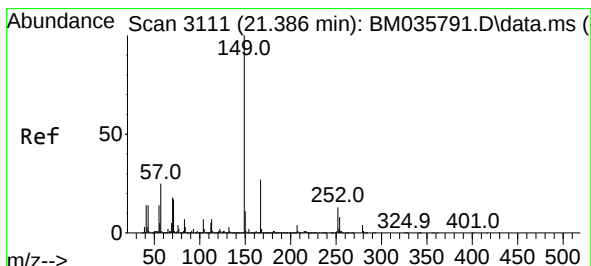
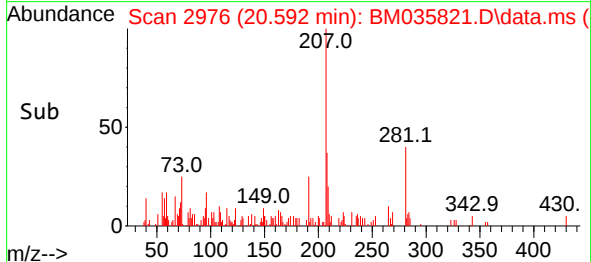
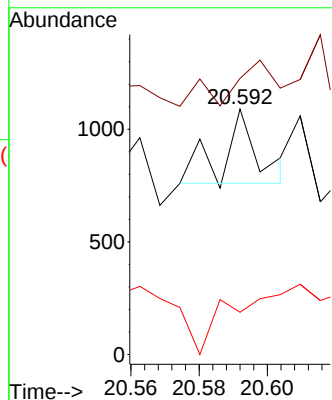
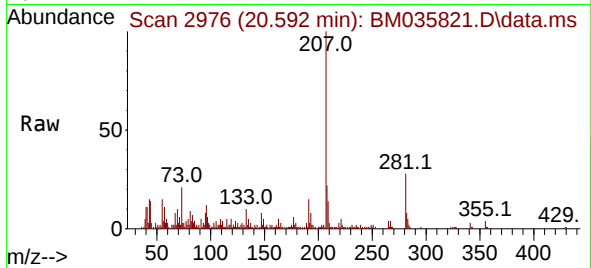




#80
Butylbenzylphthalate
Concen: 4.169 ng
RT: 20.592 min Scan# 2976
Delta R.T. -0.011 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

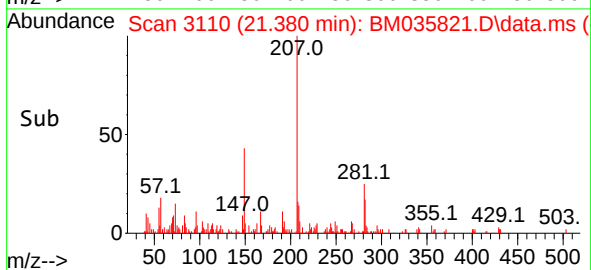
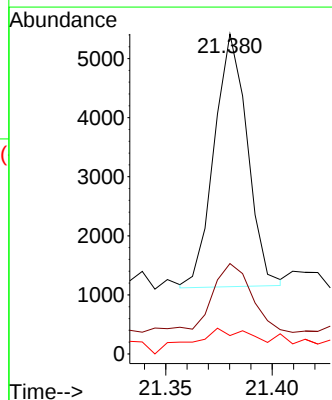
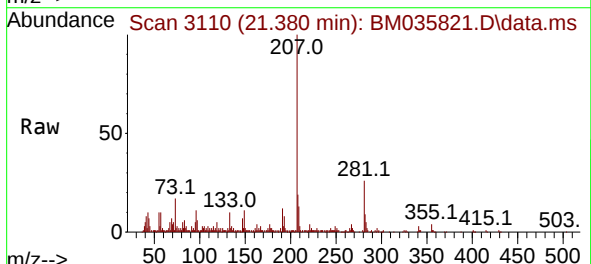
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

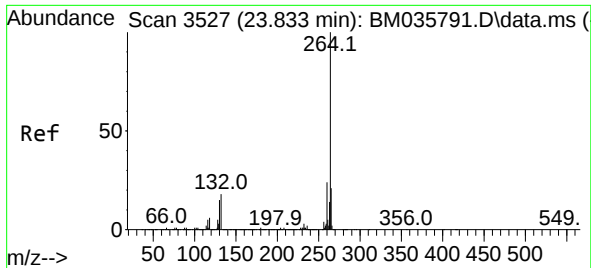
Tgt Ion:149 Resp: 236
Ion Ratio Lower Upper
149 100
91 112.5 56.6 85.0#
206 17.2 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.354 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:149 Resp: 4634
Ion Ratio Lower Upper
149 100
167 28.2 21.1 31.7
279 5.7 2.8 4.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

Tgt Ion:264 Resp: 1086810

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.2	17.5	26.3

