

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035808.D
 Acq On : 14 Jul 2022 12:33
 Operator : CG/JU
 Sample : N3652-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-3-(6-12)

Quant Time: Jul 15 01:09:09 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)

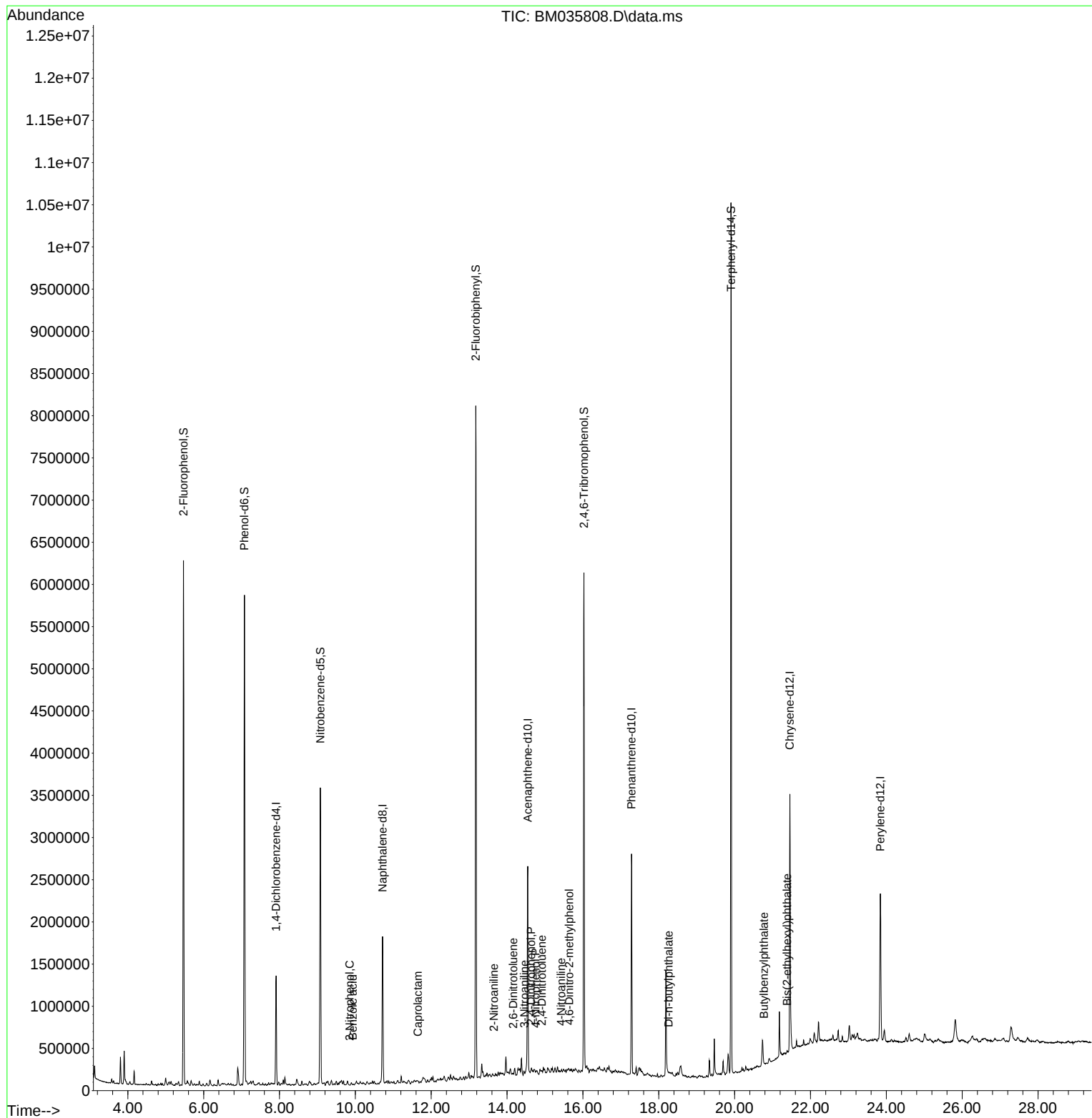
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	346729	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1443420	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	822318	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1562024	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1343869	20.000	ng	0.00
86) Perylene-d12	23.838	264	1297194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2598072	121.709	ng	0.00
7) Phenol-d6	7.075	99	3220242	120.602	ng	0.00
23) Nitrobenzene-d5	9.075	82	1952240	77.320	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	1109365	132.847	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	3976862	67.446	ng	0.00
79) Terphenyl-d14	19.903	244	4919823	71.066	ng	0.00
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.851	139	1265	4.686	ng	# 1
32) Benzoic acid	9.933	122	1255	8.126	ng	# 66
35) Caprolactam	11.645	113	1103	5.269	ng	# 1
48) 2-Nitroaniline	13.651	65	507	3.634	ng	# 24
51) 2,6-Dinitrotoluene	14.163	165	1160	2.391	ng	# 34
53) 3-Nitroaniline	14.457	138	1783	2.791	ng	# 29
54) 2,4-Dinitrophenol	14.633	184	128	7.565	ng	# 1
56) 4-Nitrophenol	14.751	139	848	4.125	ng	# 1
57) 2,4-Dinitrotoluene	14.915	165	1041	3.400	ng	# 51
62) 4-Nitroaniline	15.421	138	2482	2.963	ng	# 83
65) 4,6-Dinitro-2-methylph...	15.639	198	421	6.642	ng	# 1
74) Di-n-butylphthalate	18.256	149	5941	2.330	ng	# 87
80) Butylbenzylphthalate	20.774	149	529	4.177	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.386	149	10378	3.449	ng	# 90

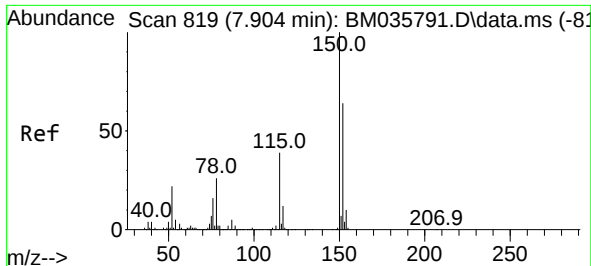
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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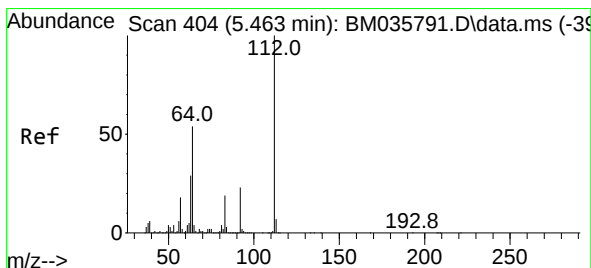
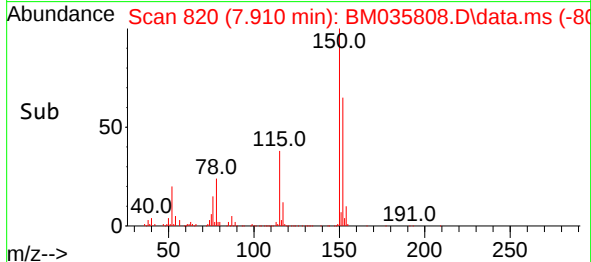
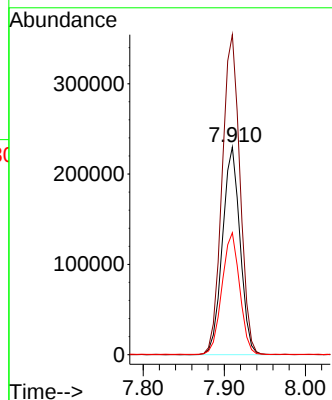
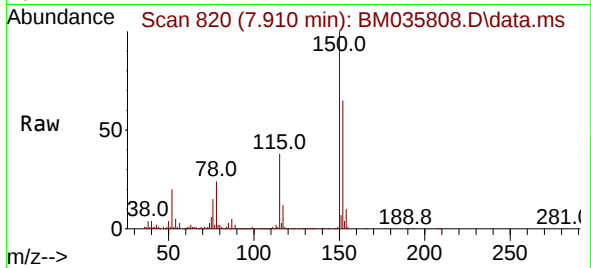




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 819
 Delta R.T. 0.006 min
 Lab File: BM035808.D
 Acq: 14 Jul 2022 12:33

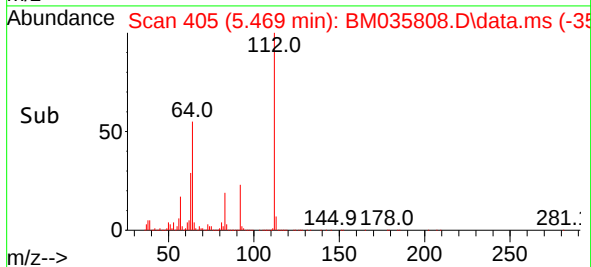
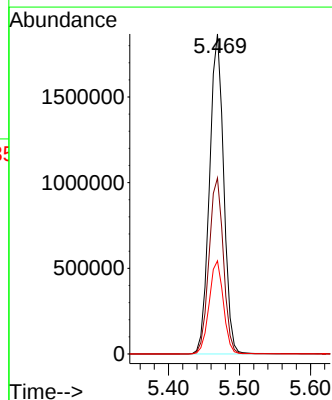
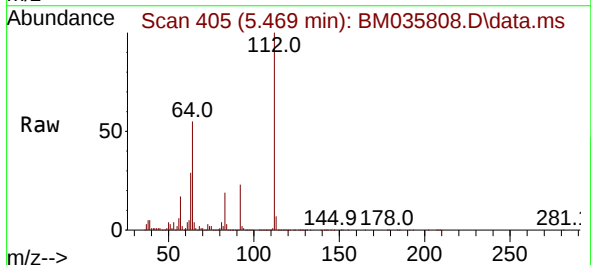
Instrument :
 BNA_M
 ClientSampleId :
 SED-3-(6-12)

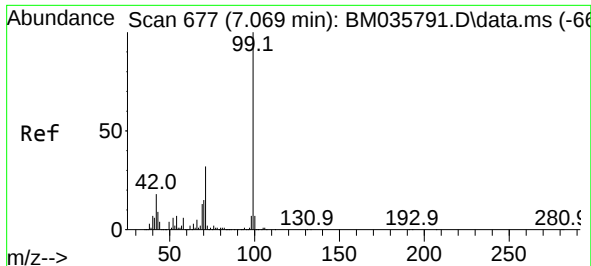
Tgt Ion:152 Resp: 346729
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.9 187.3
 115 58.7 47.9 71.9



#5
 2-Fluorophenol
 Concen: 121.709 ng
 RT: 5.469 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: BM035808.D
 Acq: 14 Jul 2022 12:33

Tgt Ion:112 Resp: 2598072
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.8 71.6
 63 29.1 26.6 40.0

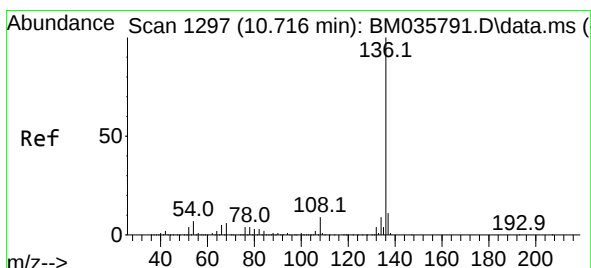
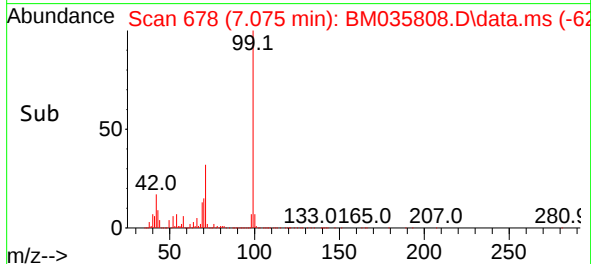
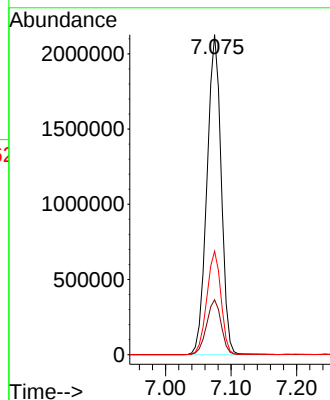
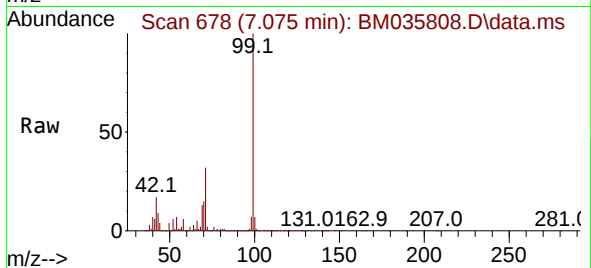




#7
Phenol-d6
Concen: 120.602 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

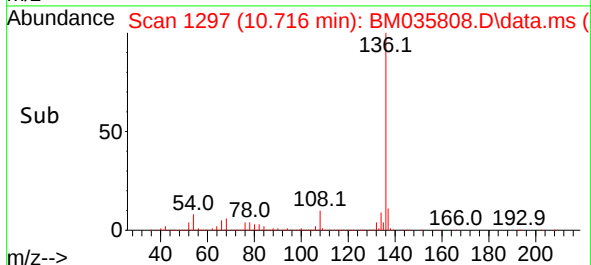
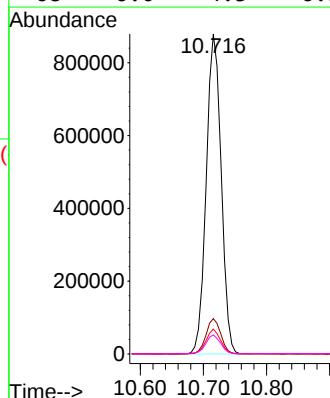
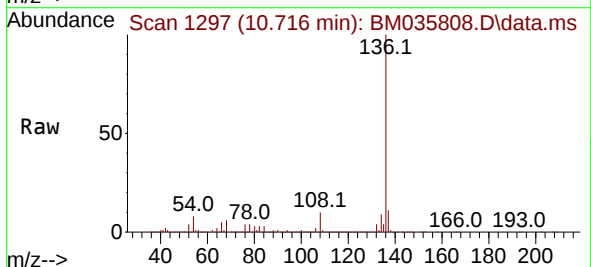
Instrument :
BNA_M
ClientSampleId :
SED-3-(6-12)

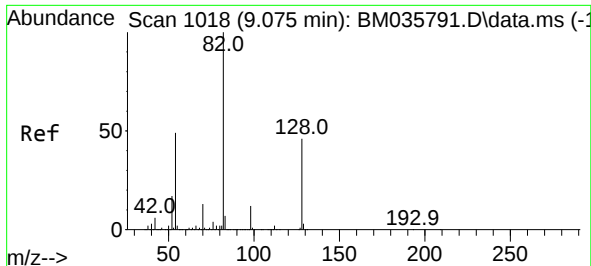
Tgt Ion: 99 Resp: 3220242
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 32.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

Tgt Ion: 136 Resp: 1443420
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 7.0 10.4
68 6.0 4.3 6.5

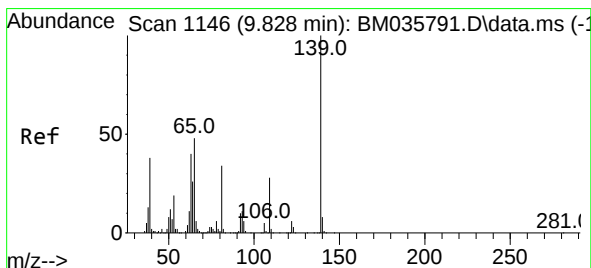
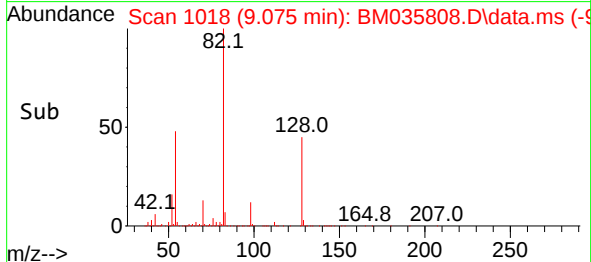
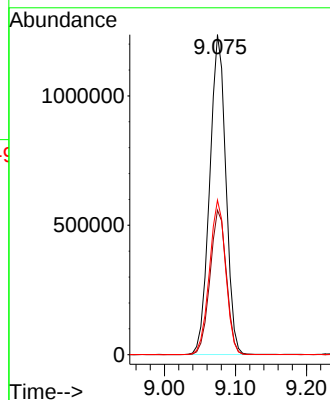
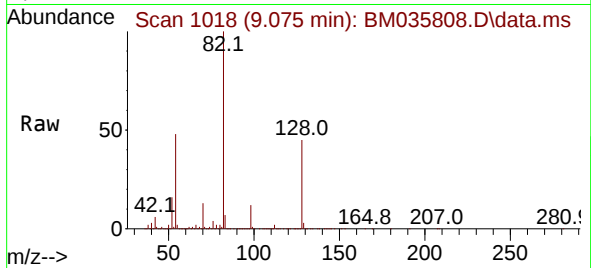




#23
Nitrobenzene-d5
Concen: 77.320 ng
RT: 9.075 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

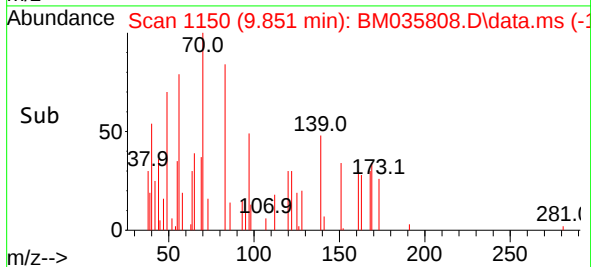
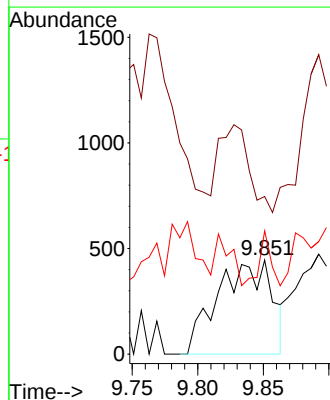
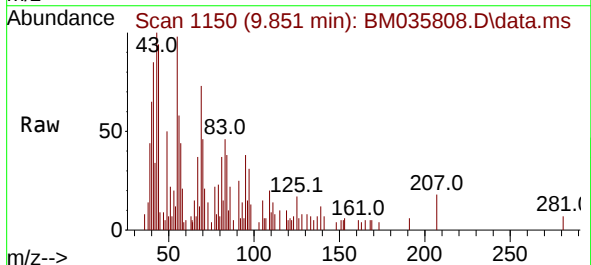
Instrument :
BNA_M
ClientSampleId :
SED-3-(6-12)

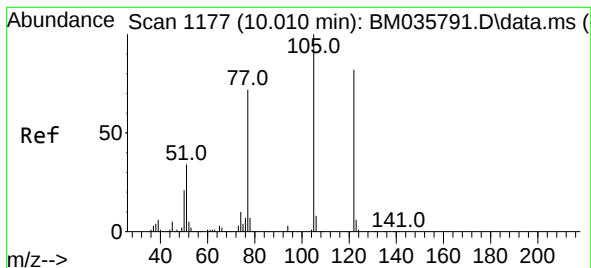
Tgt Ion: 82 Resp: 1952240
Ion Ratio Lower Upper
82 100
128 45.2 33.7 50.5
54 48.3 43.2 64.8



#26
2-Nitrophenol
Concen: 4.686 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.023 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

Tgt Ion:139 Resp: 1265
Ion Ratio Lower Upper
139 100
109 167.6 25.6 38.4#
65 131.0 43.2 64.8#





#32

Benzoic acid

Concen: 8.126 ng

RT: 9.933 min Scan# 1177

Delta R.T. -0.077 min

Lab File: BM035808.D

Acq: 14 Jul 2022 12:33

Instrument :

BNA_M

ClientSampleId :

SED-3-(6-12)

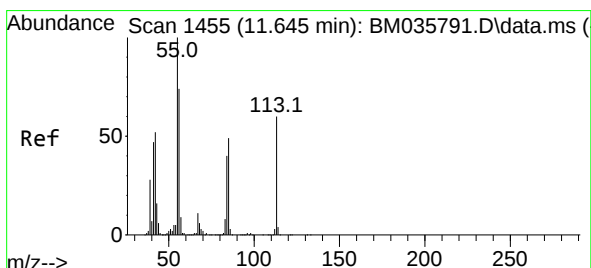
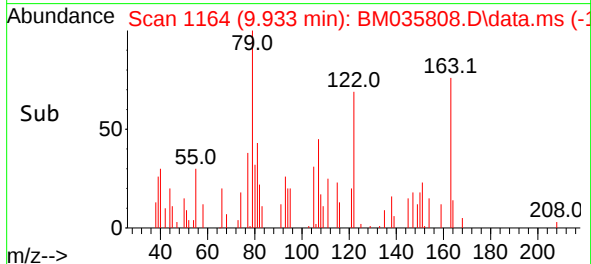
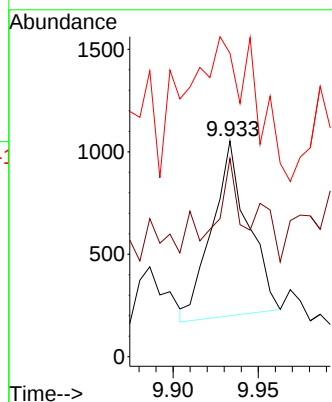
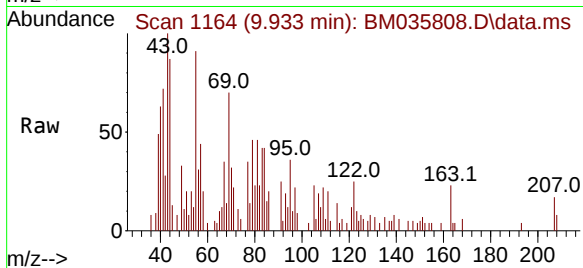
Tgt Ion:122 Resp: 1255

Ion Ratio Lower Upper

122 100

105 91.9 105.7 145.7#

77 140.6 80.0 120.0#



#35

Caprolactam

Concen: 5.269 ng

RT: 11.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BM035808.D

Acq: 14 Jul 2022 12:33

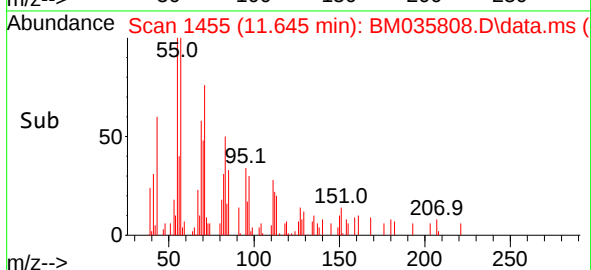
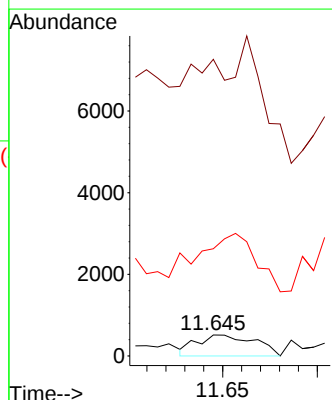
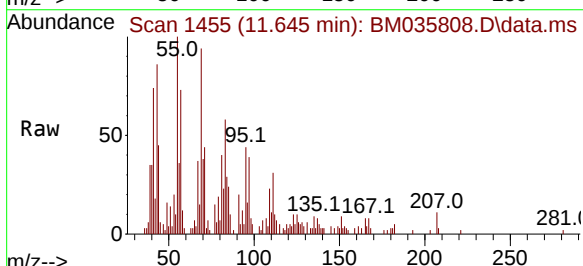
Tgt Ion:113 Resp: 1103

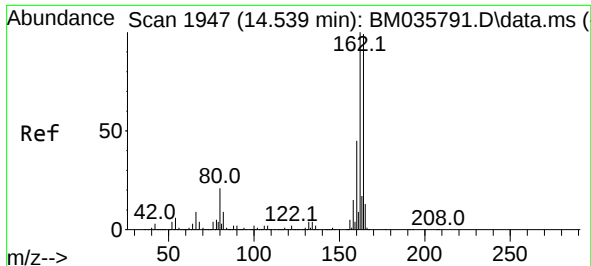
Ion Ratio Lower Upper

113 100

55 1416.4 150.1 190.1#

56 512.3 111.7 151.7#

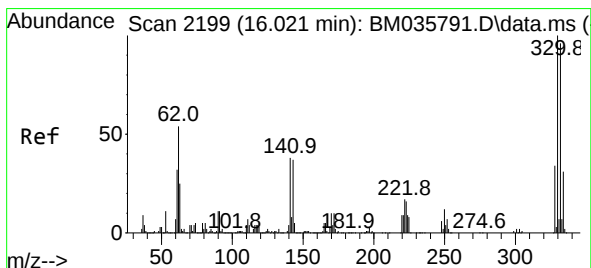
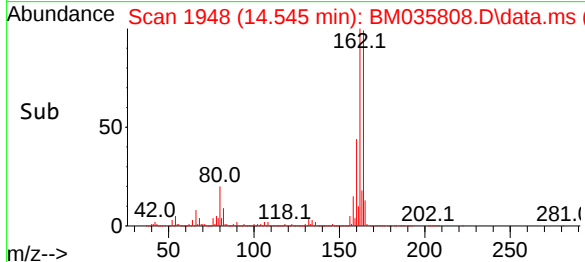
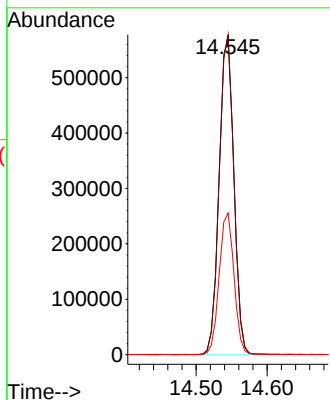
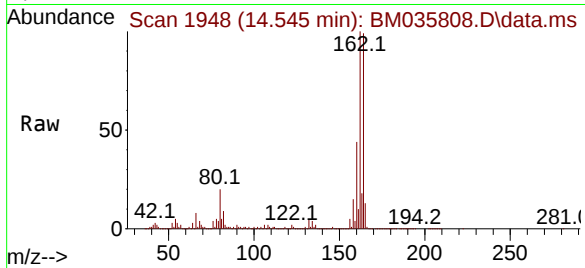




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

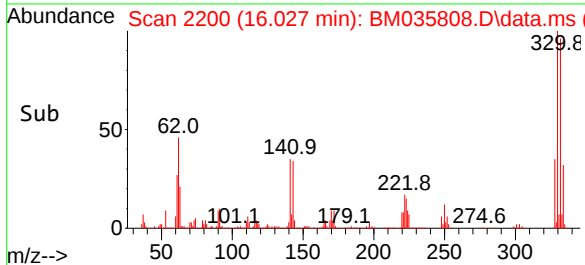
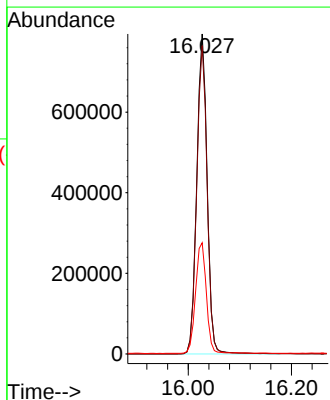
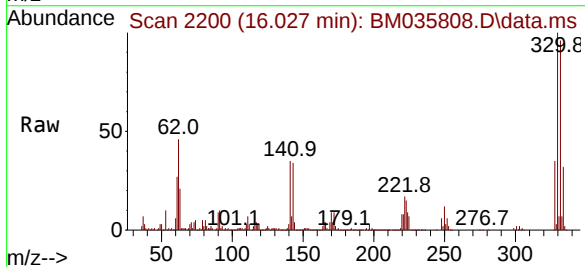
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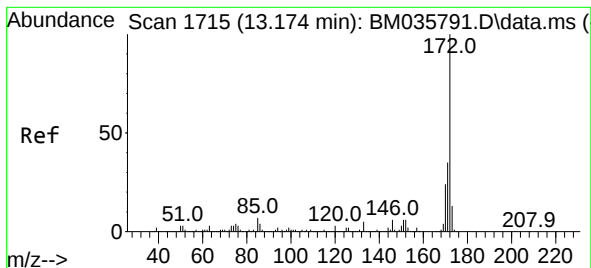
Tgt Ion:164 Resp: 822318
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 44.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 132.847 ng
RT: 16.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

Tgt Ion:330 Resp: 1109365
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 35.7 35.3 52.9

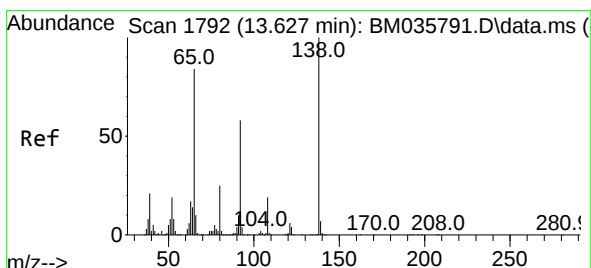
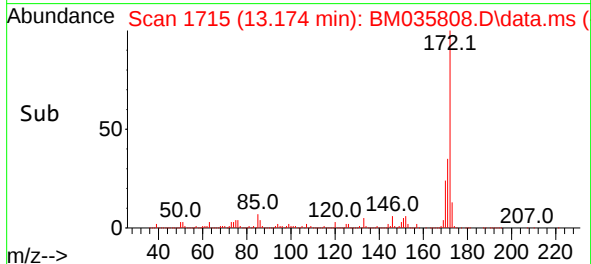
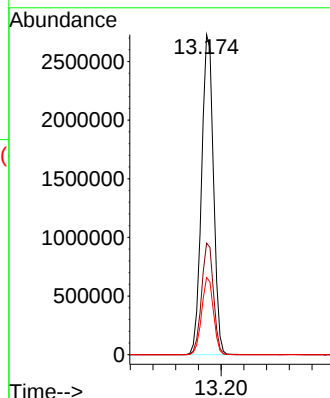
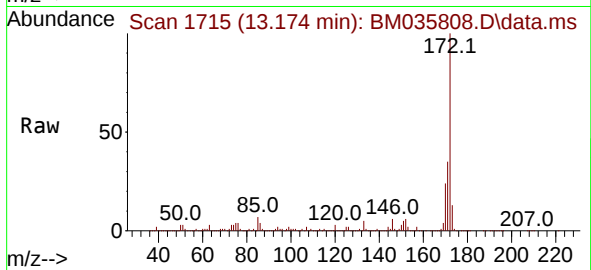




#45
2-Fluorobiphenyl
Concen: 67.446 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

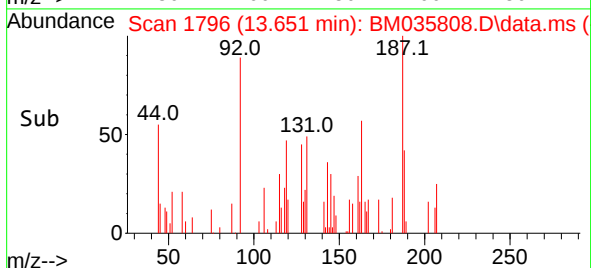
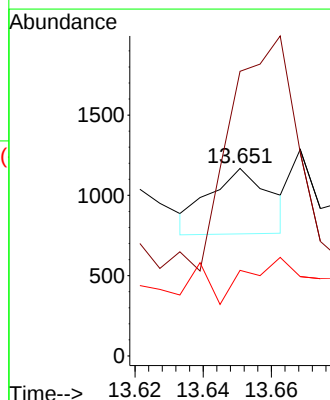
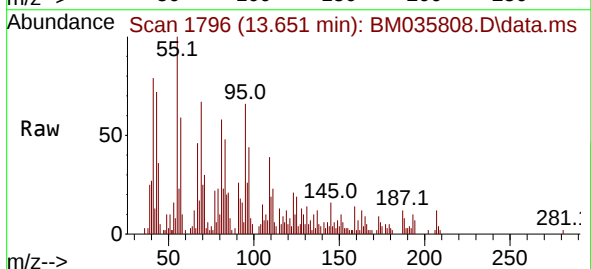
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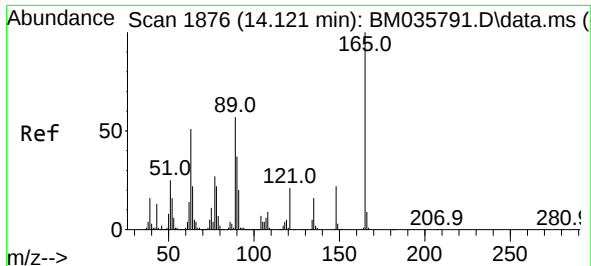
Tgt Ion:172 Resp: 3976862
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 24.1 18.7 28.1



#48
2-Nitroaniline
Concen: 3.634 ng
RT: 13.651 min Scan# 1796
Delta R.T. 0.024 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

Tgt Ion: 65 Resp: 507
Ion Ratio Lower Upper
65 100
92 151.8 53.7 80.5#
138 45.6 83.9 125.9#

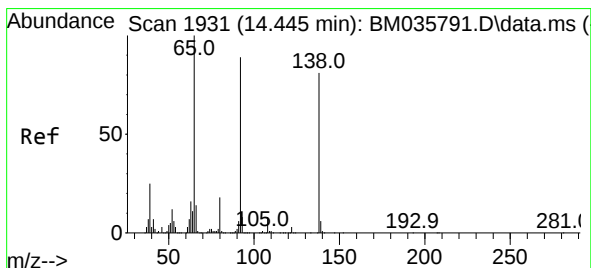
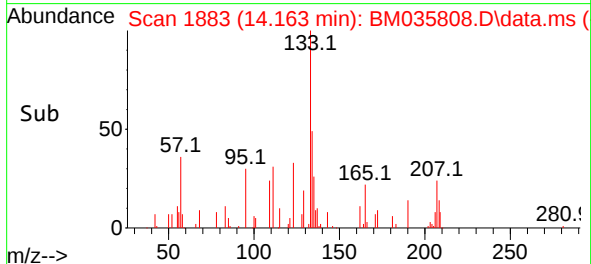
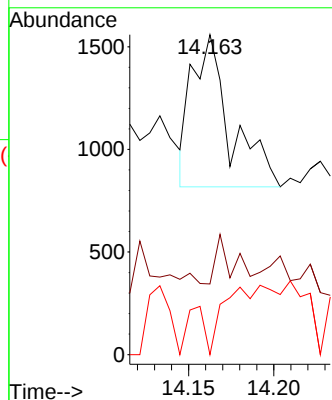
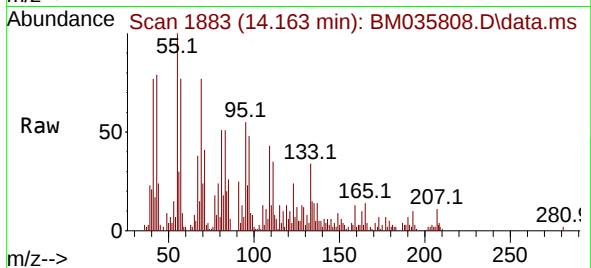




#51
2,6-Dinitrotoluene
Concen: 2.391 ng
RT: 14.163 min Scan# 1883
Delta R.T. 0.042 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

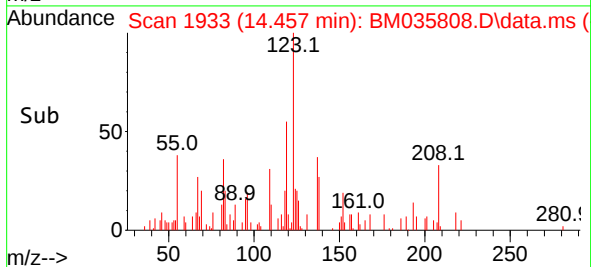
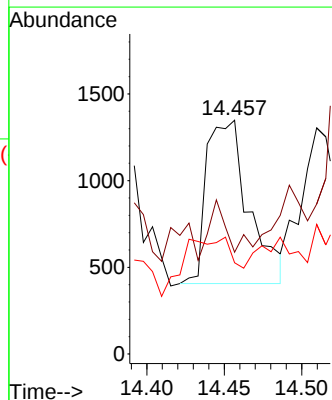
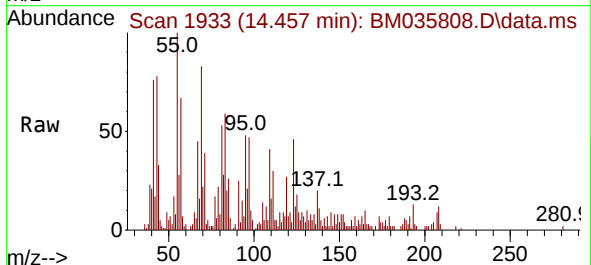
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SED-3-(6-12)

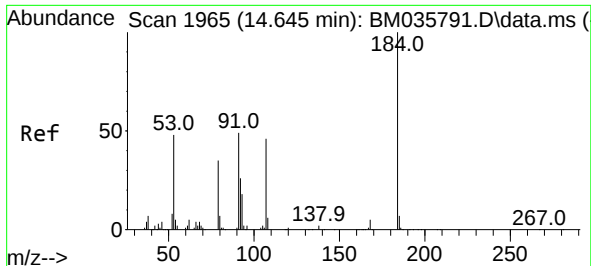
Tgt Ion:165 Resp: 1160
Ion Ratio Lower Upper
165 100
63 22.1 50.2 75.2#
89 0.0 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.791 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.012 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

Tgt Ion:138 Resp: 1783
Ion Ratio Lower Upper
138 100
108 43.5 8.7 13.1#
92 39.0 91.5 137.3#

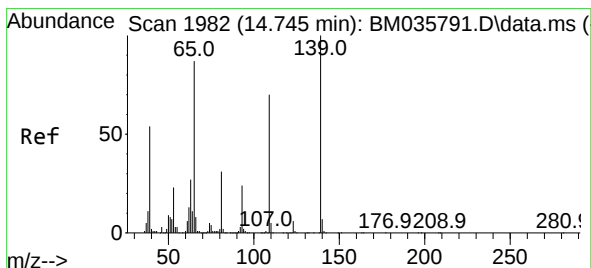
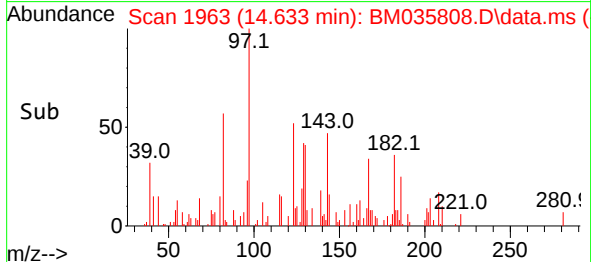
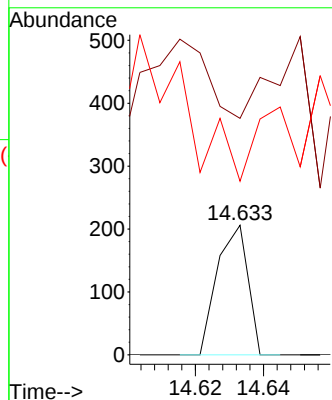
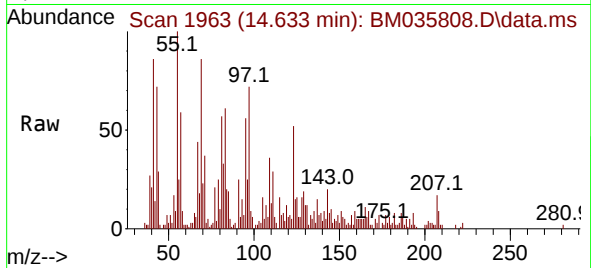




#54
2,4-Dinitrophenol
Concen: 7.565 ng
RT: 14.633 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

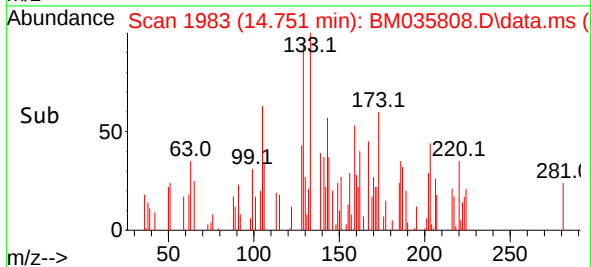
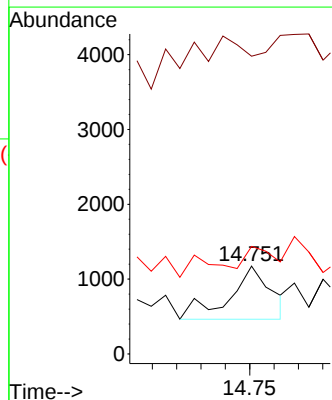
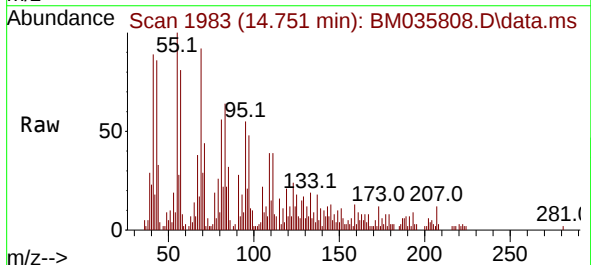
Instrument :
BNA_M
ClientSampleId :
SED-3-(6-12)

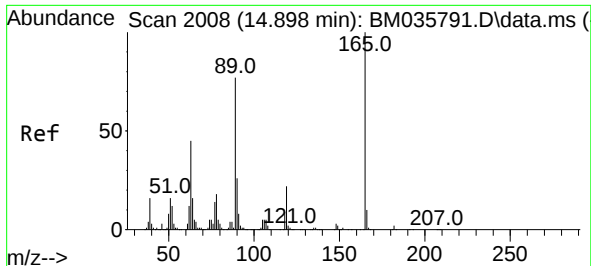
Tgt Ion:184 Resp: 128
Ion Ratio Lower Upper
184 100
63 182.5 59.5 89.3#
154 134.0 55.6 83.4#



#56
4-Nitrophenol
Concen: 4.125 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BM035808.D
Acq: 14 Jul 2022 12:33

Tgt Ion:139 Resp: 848
Ion Ratio Lower Upper
139 100
109 339.1 62.5 102.5#
65 122.4 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 3.400 ng

RT: 14.915 min Scan# 2011

Delta R.T. 0.017 min

Lab File: BM035808.D

Acq: 14 Jul 2022 12:33

Instrument :

BNA_M

ClientSampleId :

SED-3-(6-12)

Tgt Ion:165 Resp: 1041

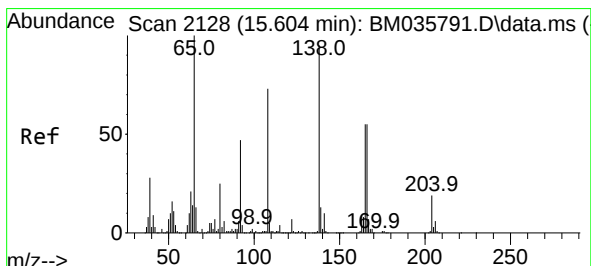
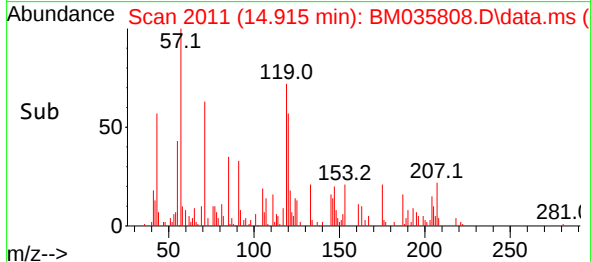
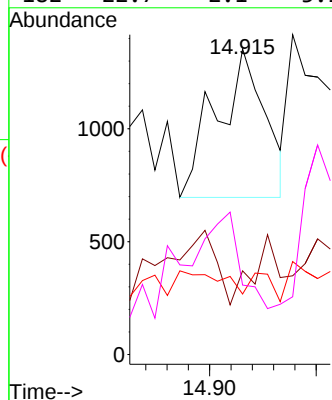
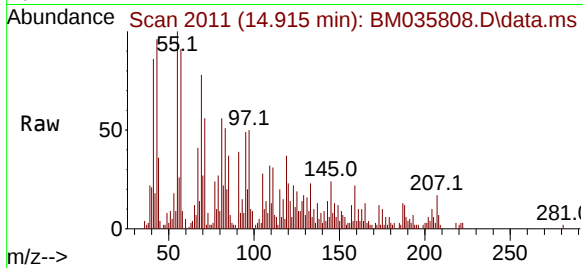
Ion Ratio Lower Upper

165 100

63 27.4 35.6 53.4#

89 19.8 57.3 85.9#

182 22.7 2.1 3.1#



#62

4-Nitroaniline

Concen: 2.963 ng

RT: 15.421 min Scan# 2097

Delta R.T. -0.183 min

Lab File: BM035808.D

Acq: 14 Jul 2022 12:33

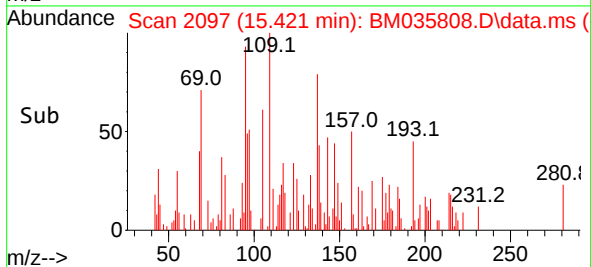
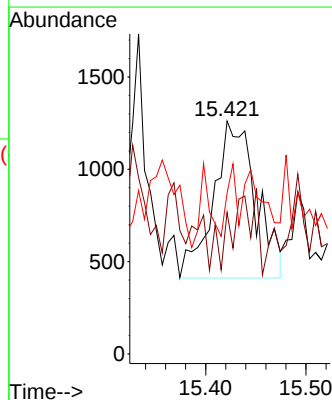
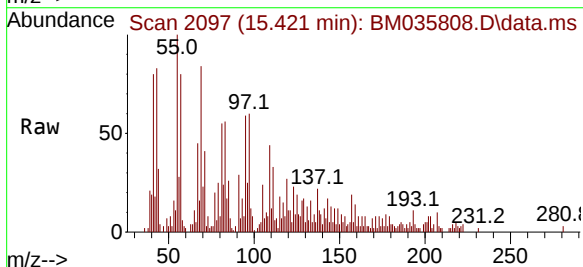
Tgt Ion:138 Resp: 2482

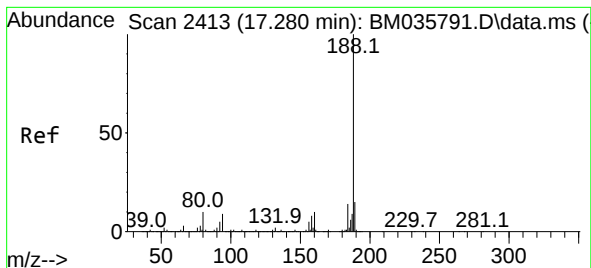
Ion Ratio Lower Upper

138 100

92 60.7 30.8 70.8

108 69.1 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: BM035808.D

Acq: 14 Jul 2022 12:33

Instrument :

BNA_M

ClientSampleId :

SED-3-(6-12)

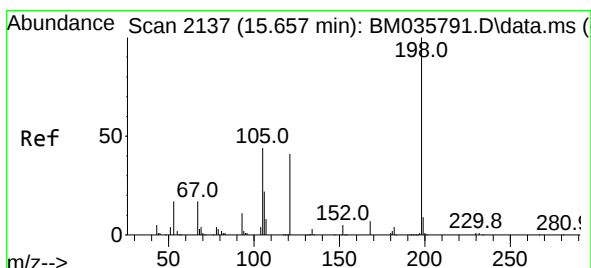
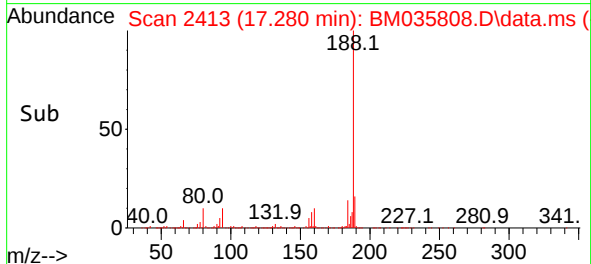
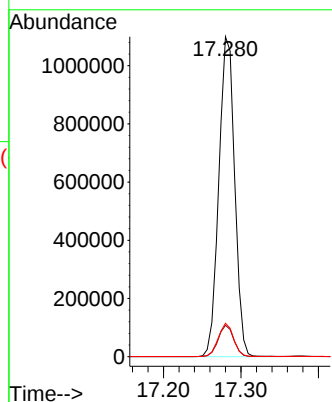
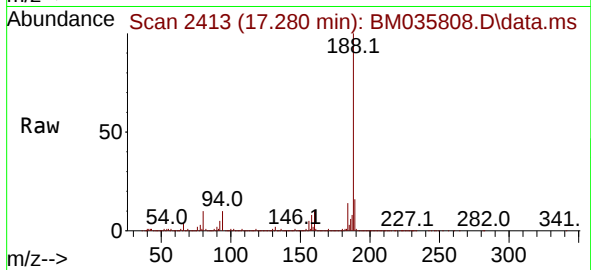
Tgt Ion:188 Resp: 1562024

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.5 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 6.642 ng

RT: 15.639 min Scan# 2134

Delta R.T. -0.018 min

Lab File: BM035808.D

Acq: 14 Jul 2022 12:33

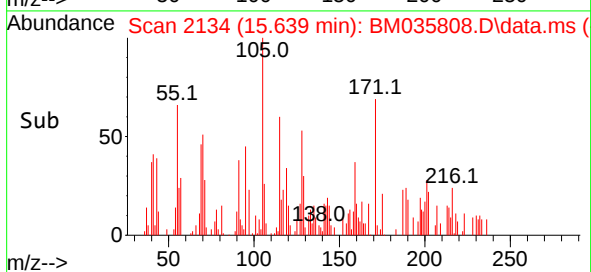
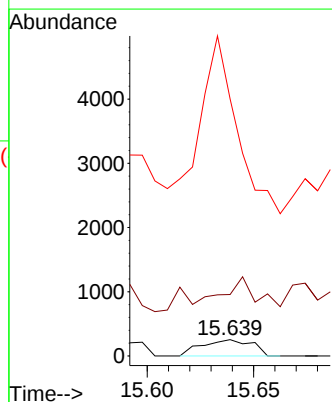
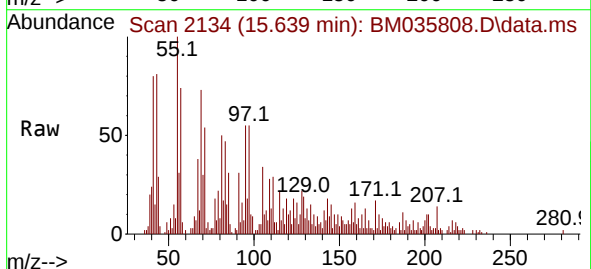
Tgt Ion:198 Resp: 421

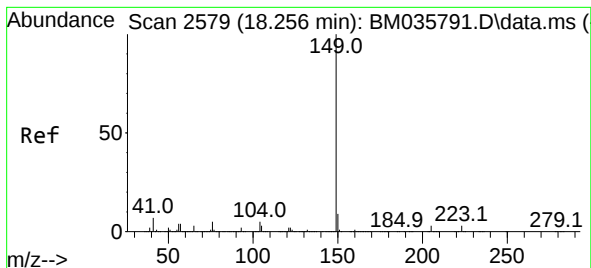
Ion Ratio Lower Upper

198 100

51 374.9 29.0 69.0#

105 1569.0 22.1 62.1#





#74

Di-n-butylphthalate

Concen: 2.330 ng

RT: 18.256 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM035808.D

Acq: 14 Jul 2022 12:33

Instrument :

BNA_M

ClientSampleId :

SED-3-(6-12)

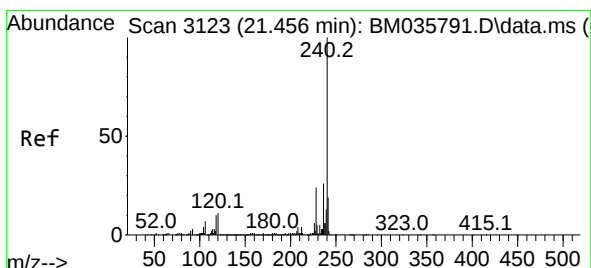
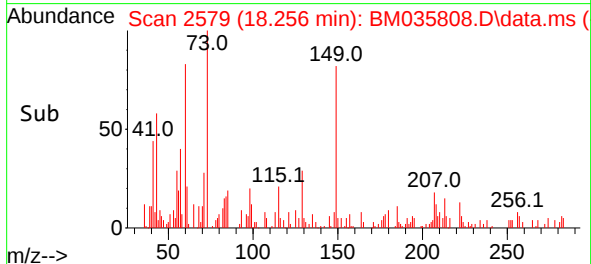
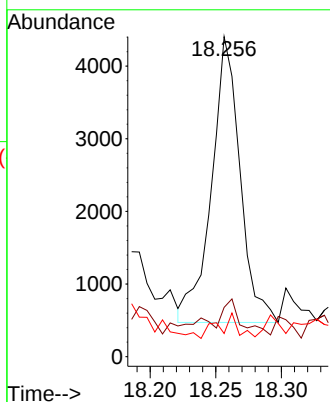
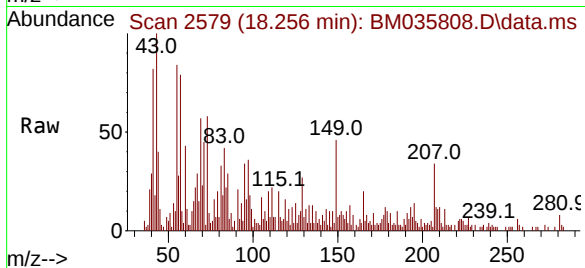
Tgt Ion:149 Resp: 5941

Ion Ratio Lower Upper

149 100

150 15.4 7.3 10.9#

104 7.3 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: BM035808.D

Acq: 14 Jul 2022 12:33

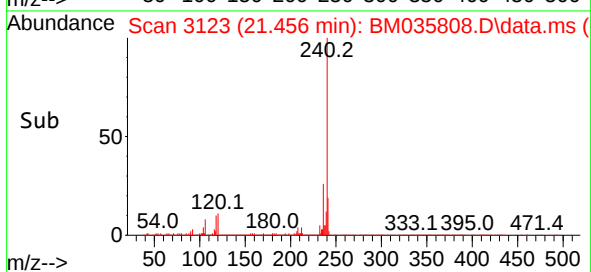
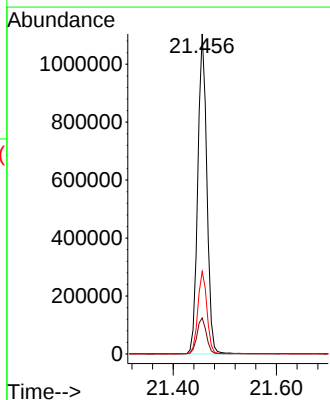
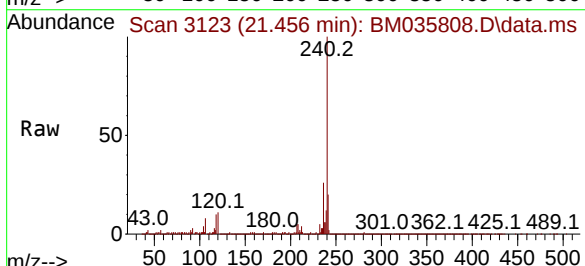
Tgt Ion:240 Resp: 1343869

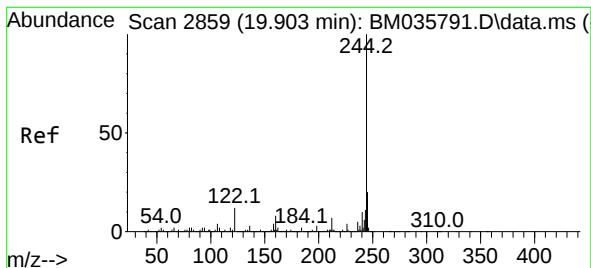
Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.0

236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 71.066 ng

RT: 19.903 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM035808.D

Acq: 14 Jul 2022 12:33

Instrument :

BNA_M

ClientSampleId :

SED-3-(6-12)

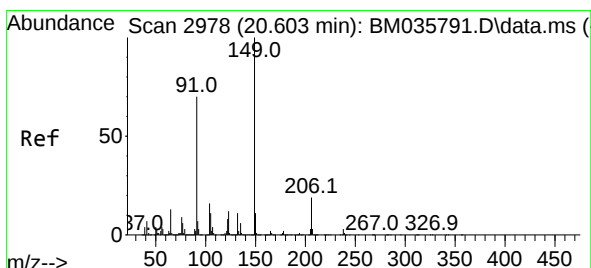
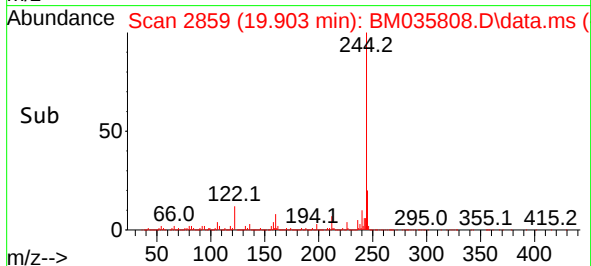
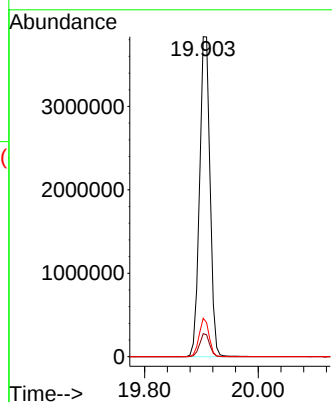
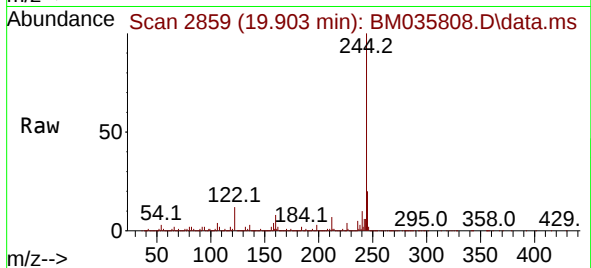
Tgt Ion:244 Resp: 4919823

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 12.0 8.3 12.5



#80

Butylbenzylphthalate

Concen: 4.177 ng

RT: 20.774 min Scan# 3007

Delta R.T. 0.171 min

Lab File: BM035808.D

Acq: 14 Jul 2022 12:33

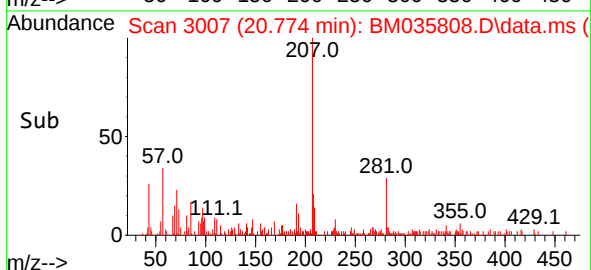
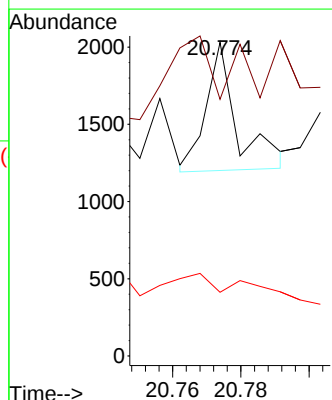
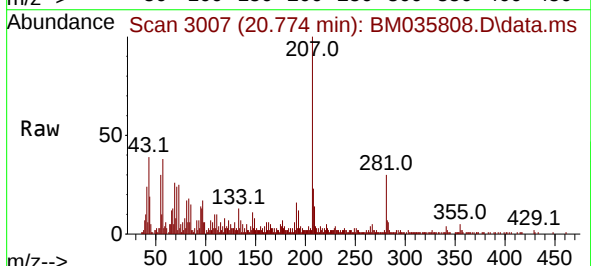
Tgt Ion:149 Resp: 529

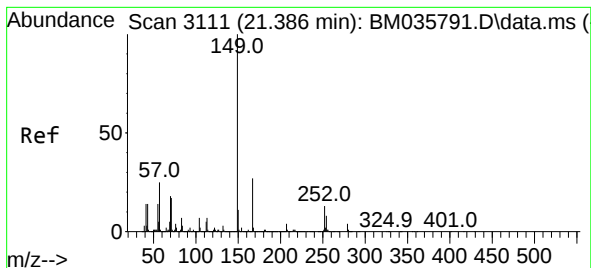
Ion Ratio Lower Upper

149 100

91 81.8 56.6 85.0

206 20.3 15.4 23.0

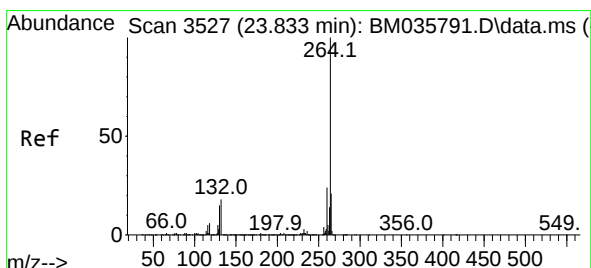
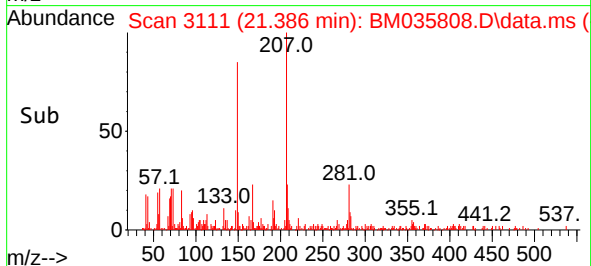
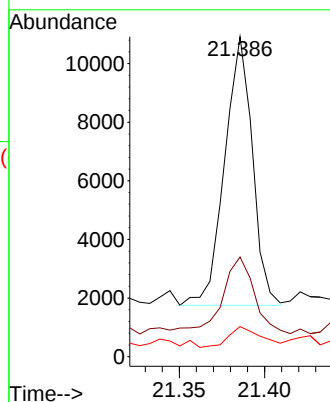
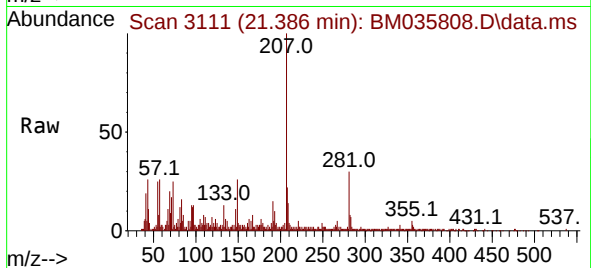




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.449 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BM035808.D
 Acq: 14 Jul 2022 12:33

Instrument :
 BNA_M
 ClientSampleId :
 SED-3-(6-12)

Tgt Ion:149 Resp: 10378
 Ion Ratio Lower Upper
 149 100
 167 31.2 21.1 31.7
 279 9.4 2.8 4.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.838 min Scan# 3528
 Delta R.T. 0.005 min
 Lab File: BM035808.D
 Acq: 14 Jul 2022 12:33

Tgt Ion:264 Resp: 1297194
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.1 17.5 26.3

