

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035825.D
 Acq On : 15 Jul 2022 10:19
 Operator : CG/JU
 Sample : PB146220BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146220BL

Quant Time: Jul 15 23:45:30 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)

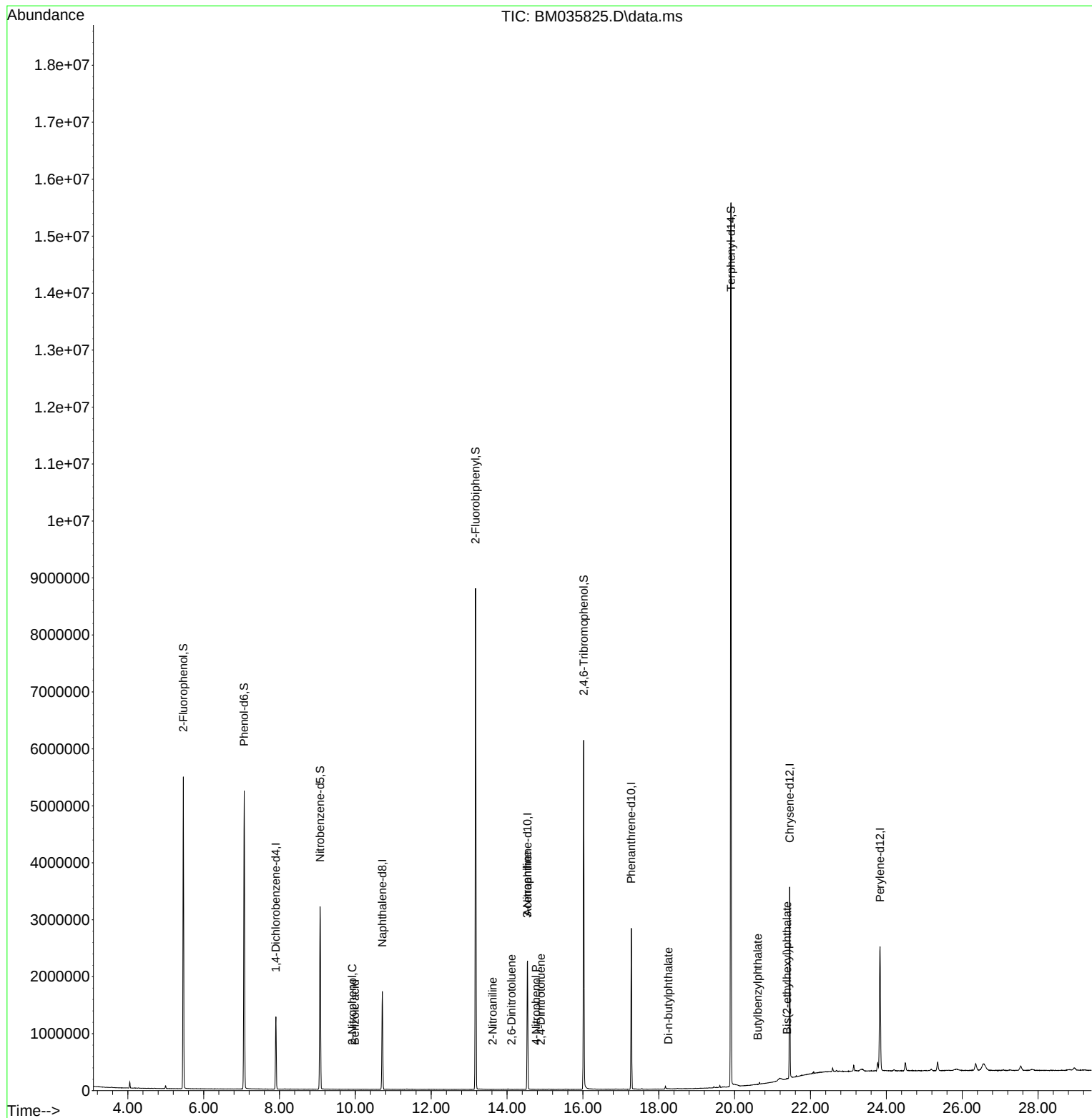
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	333306	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1388680	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	791708	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1585458	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1529044	20.000	ng	0.00
86) Perylene-d12	23.832	264	1584936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2288218	111.511	ng	0.00
7) Phenol-d6	7.069	99	2898944	112.942	ng	0.00
23) Nitrobenzene-d5	9.069	82	1817037	74.802	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1120790	139.404	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	4214285	74.236	ng	0.00
79) Terphenyl-d14	19.903	244	7135032	90.582	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.922	139	54	4.578	ng	# 3
32) Benzoic acid	9.986	122	62	8.040	ng	# 22
48) 2-Nitroaniline	13.621	65	231	3.614	ng	# 37
51) 2,6-Dinitrotoluene	14.115	165	60	2.300	ng	# 18
53) 3-Nitroaniline	14.533	138	107	2.677	ng	# 1
56) 4-Nitrophenol	14.762	139	259	4.074	ng	# 55
57) 2,4-Dinitrotoluene	14.892	165	189	3.349	ng	# 38
74) Di-n-butylphthalate	18.250	149	2541	2.291	ng	# 95
80) Butylbenzylphthalate	20.609	149	199	4.166	ng	# 65
84) Bis(2-ethylhexyl)phtha...	21.380	149	2143	3.273	ng	# 97

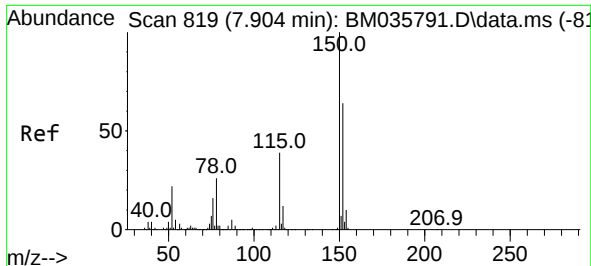
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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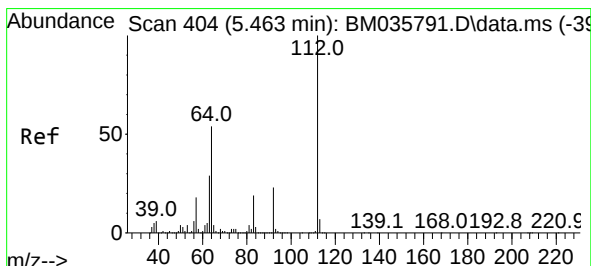
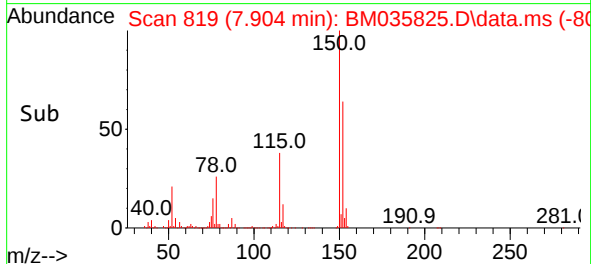
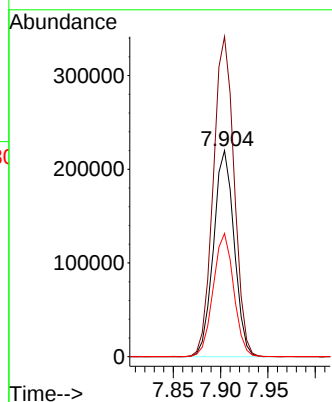
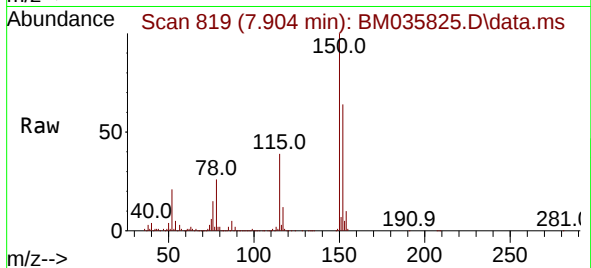




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035825.D
 Acq: 15 Jul 2022 10:19

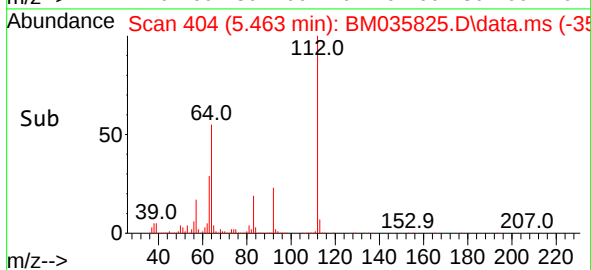
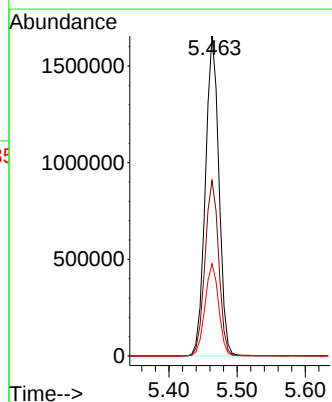
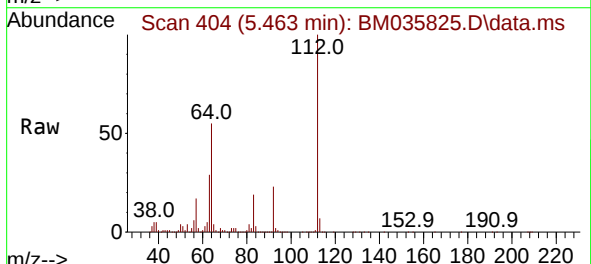
Instrument :
 BNA_M
 ClientSampleId :
 PB146220BL

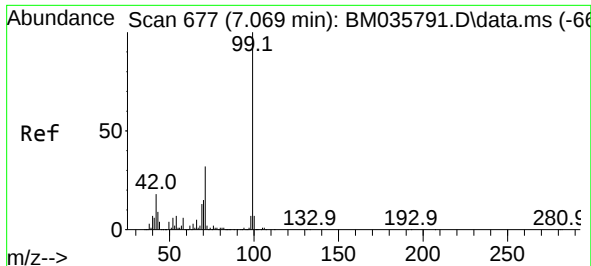
Tgt Ion:152 Resp: 333306
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.9 187.3
 115 59.8 47.9 71.9



#5
 2-Fluorophenol
 Concen: 111.511 ng
 RT: 5.463 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: BM035825.D
 Acq: 15 Jul 2022 10:19

Tgt Ion:112 Resp: 2288218
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.8 71.6
 63 28.9 26.6 40.0

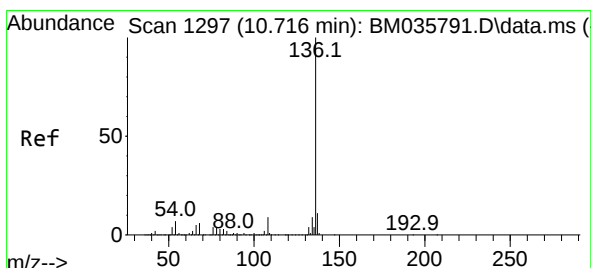
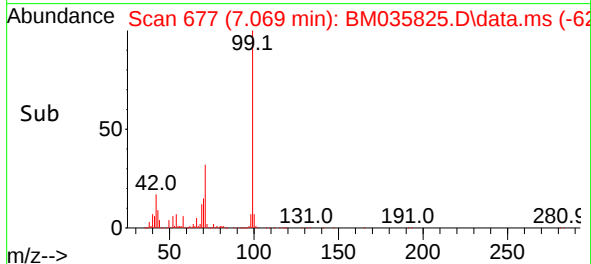
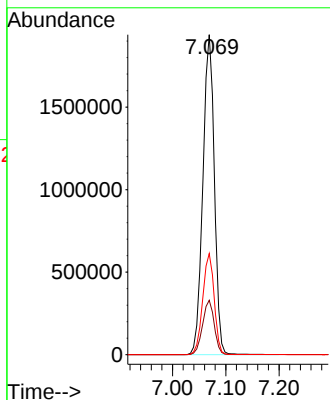
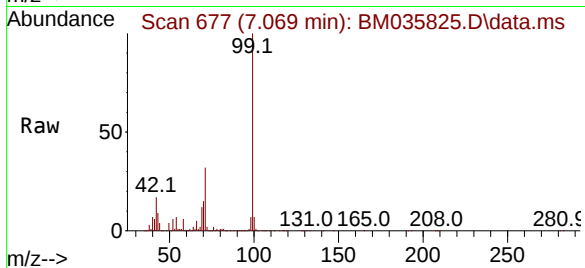




#7
Phenol-d6
Concen: 112.942 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

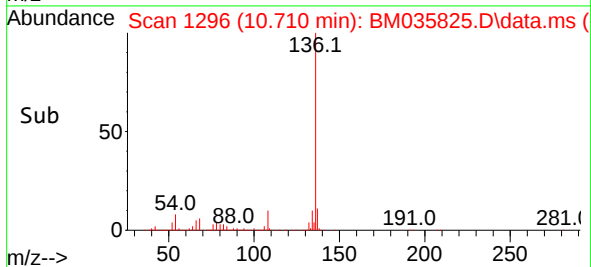
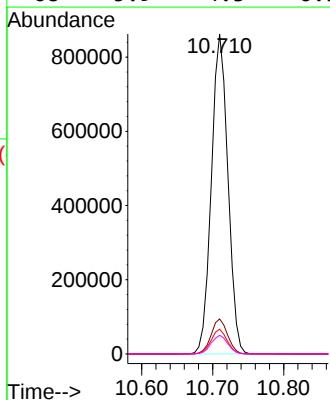
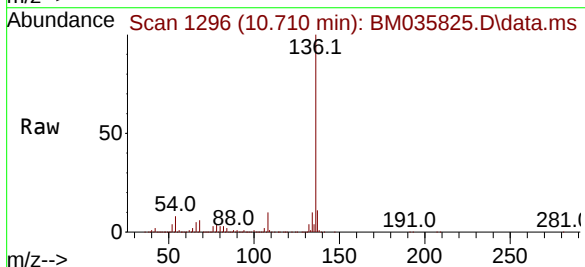
Instrument :
BNA_M
ClientSampleId :
PB146220BL

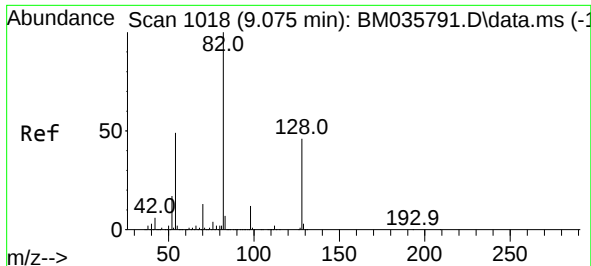
Tgt Ion: 99 Resp: 2898944
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 31.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

Tgt Ion:136 Resp: 1388680
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 7.0 10.4
68 5.9 4.3 6.5

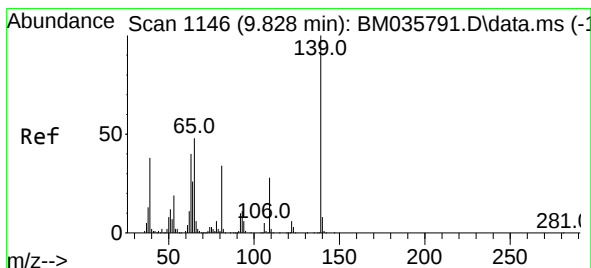
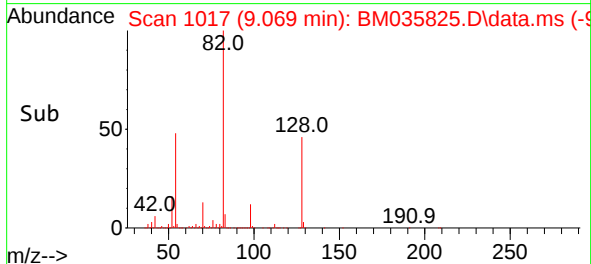
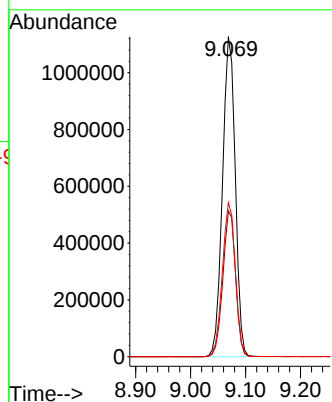
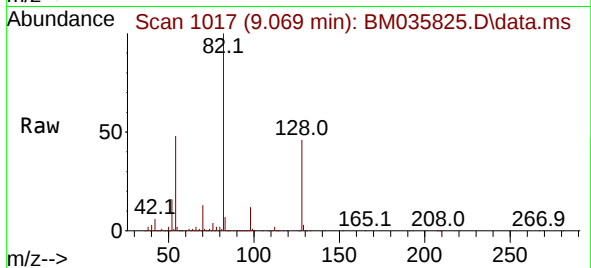




#23
Nitrobenzene-d5
Concen: 74.802 ng
RT: 9.069 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

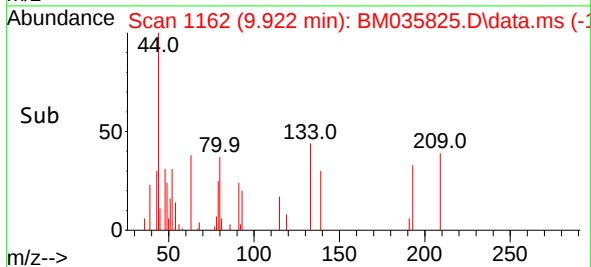
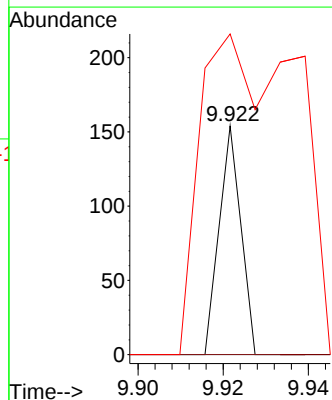
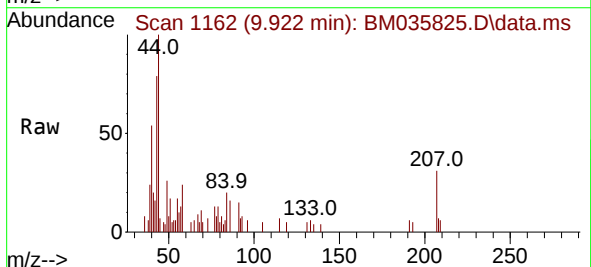
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BNA_M
ClientSampleId :
PB146220BL

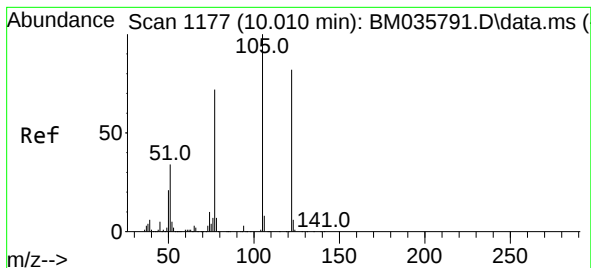
Tgt Ion: 82 Resp: 1817037
Ion Ratio Lower Upper
82 100
128 45.6 33.7 50.5
54 48.1 43.2 64.8



#26
2-Nitrophenol
Concen: 4.578 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.094 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 25.6 38.4#
65 140.3 43.2 64.8#





#32

Benzoic acid

Concen: 8.040 ng

RT: 9.986 min Scan# 1177

Delta R.T. -0.024 min

Lab File: BM035825.D

Acq: 15 Jul 2022 10:19

Instrument :

BNA_M

ClientSampleId :

PB146220BL

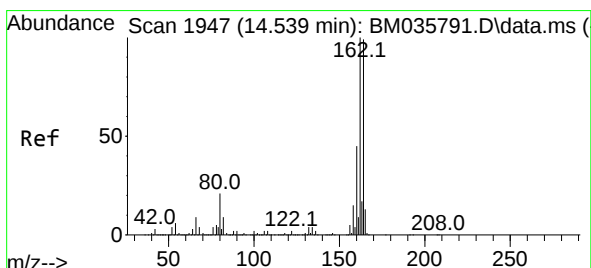
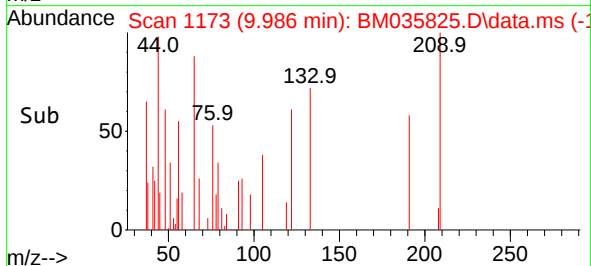
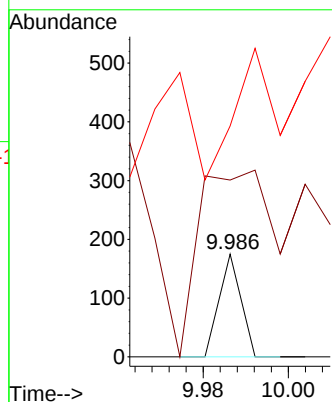
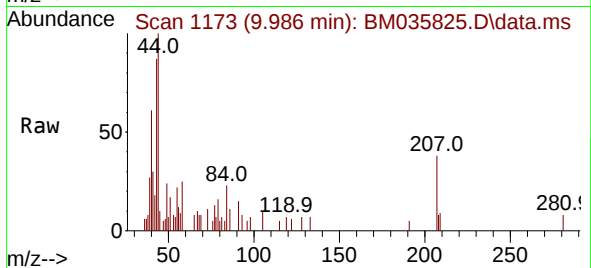
Tgt Ion:122 Resp: 62

Ion Ratio Lower Upper

122 100

105 172.0 105.7 145.7#

77 224.6 80.0 120.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BM035825.D

Acq: 15 Jul 2022 10:19

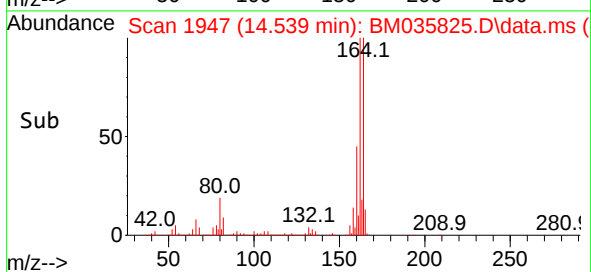
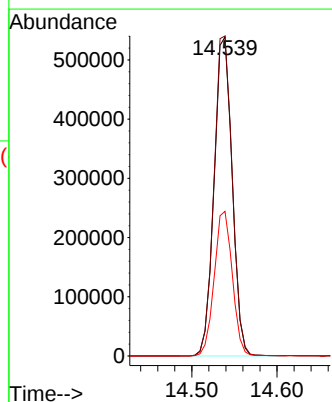
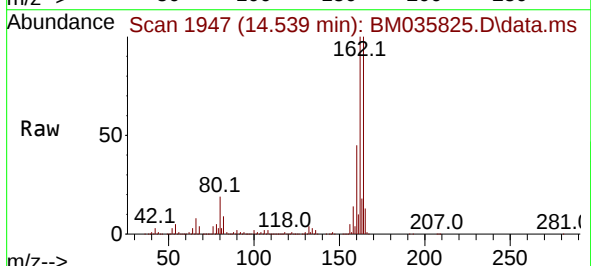
Tgt Ion:164 Resp: 791708

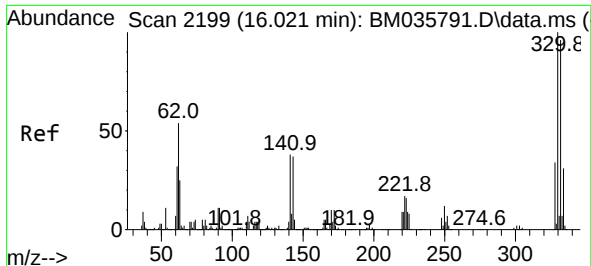
Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.6

160 45.3 37.0 55.4

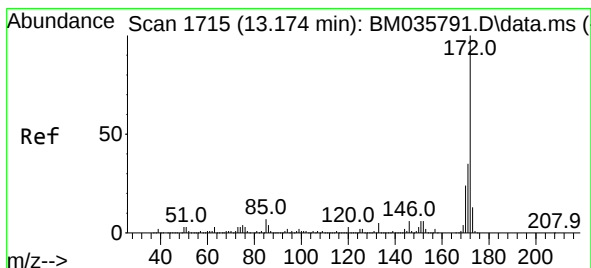
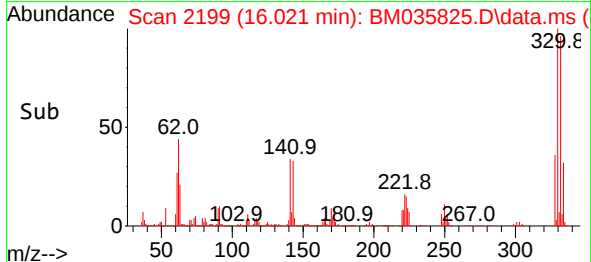
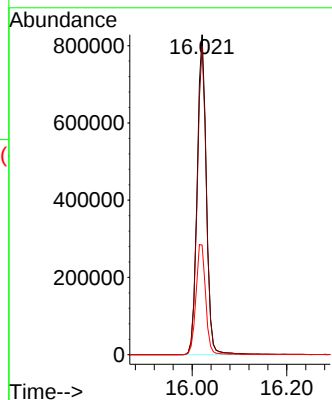
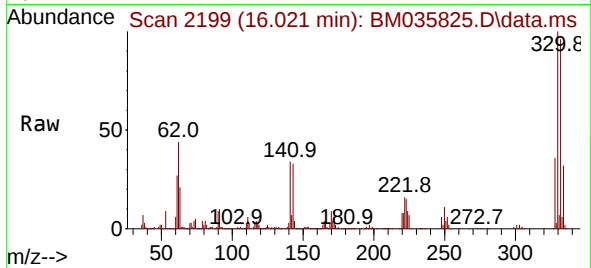




#42
2,4,6-Tribromophenol
Concen: 139.404 ng
RT: 16.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

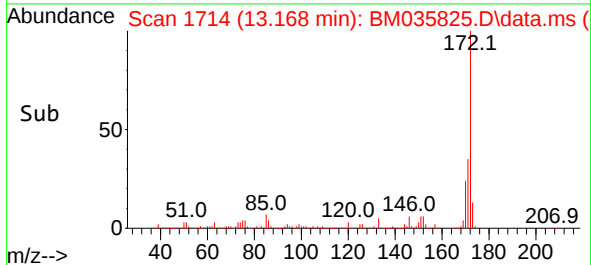
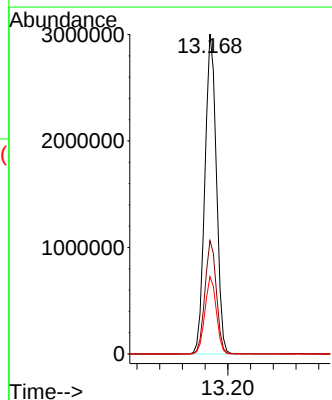
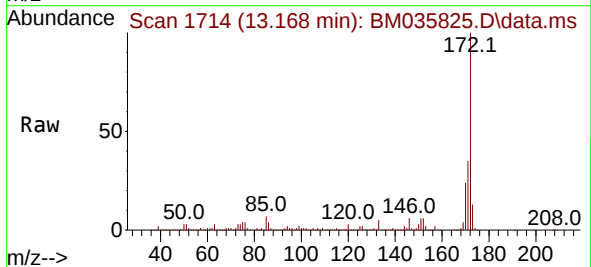
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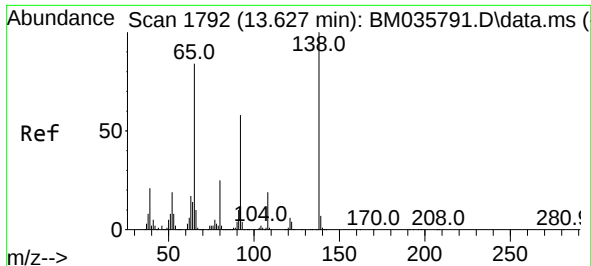
Tgt Ion:330 Resp: 1120790
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 36.3 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 74.236 ng
RT: 13.168 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

Tgt Ion:172 Resp: 4214285
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 18.7 28.1

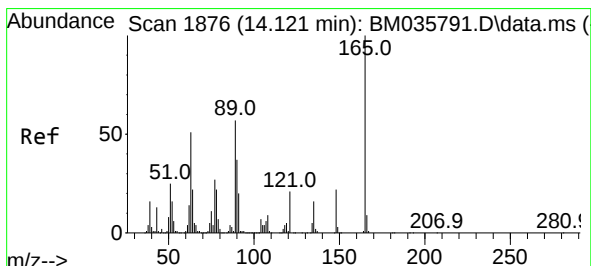
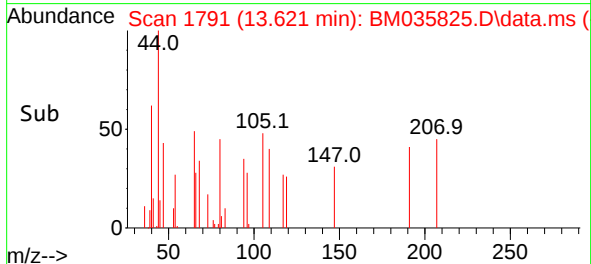
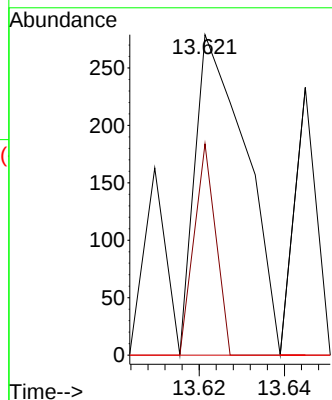
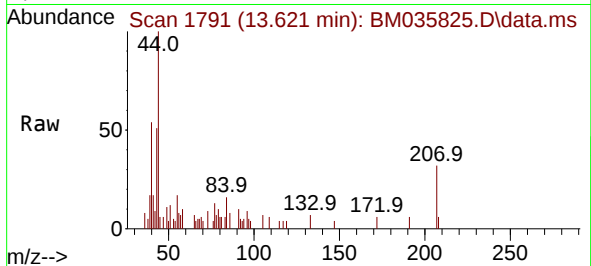




#48
2-Nitroaniline
Concen: 3.614 ng
RT: 13.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

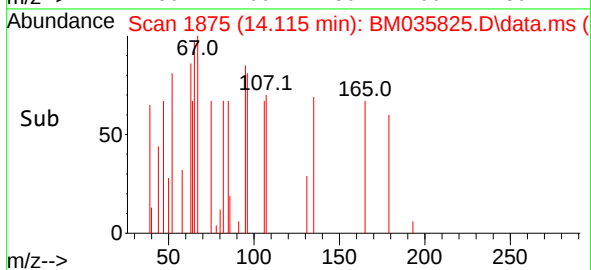
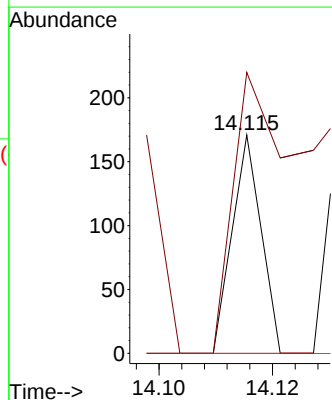
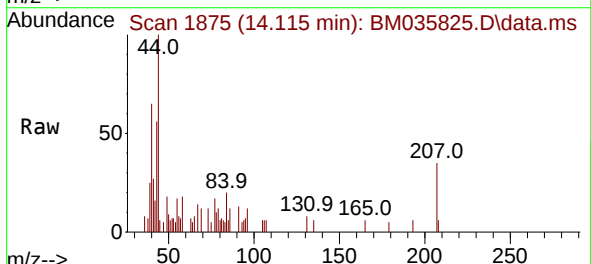
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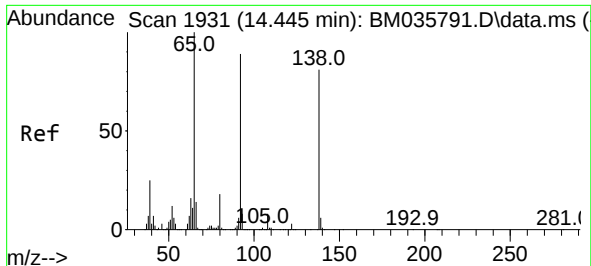
Tgt Ion: 65 Resp: 231
Ion Ratio Lower Upper
65 100
92 65.9 53.7 80.5
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.300 ng
RT: 14.115 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

Tgt Ion: 165 Resp: 60
Ion Ratio Lower Upper
165 100
63 128.7 50.2 75.2#
89 0.0 48.4 72.6#

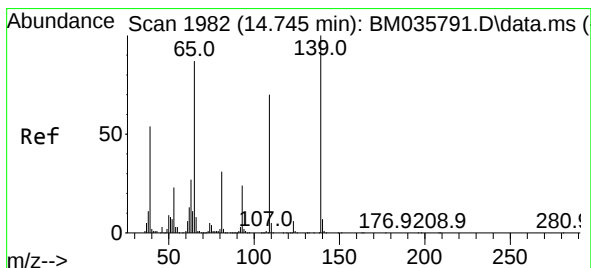
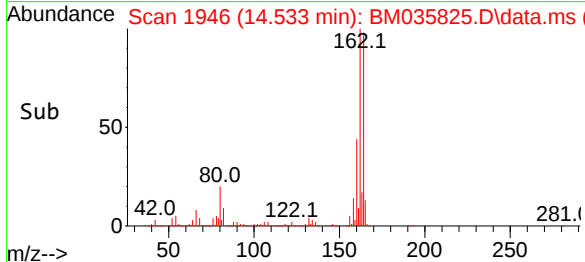
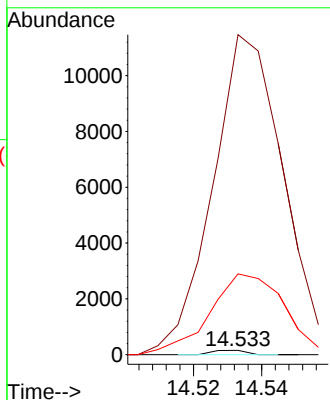
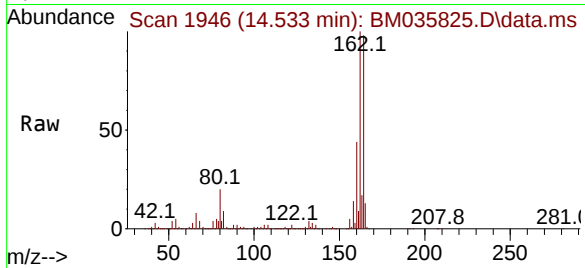




#53
3-Nitroaniline
Concen: 2.677 ng
RT: 14.533 min Scan# 1946
Delta R.T. 0.088 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

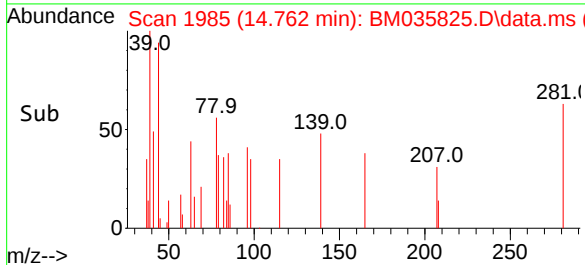
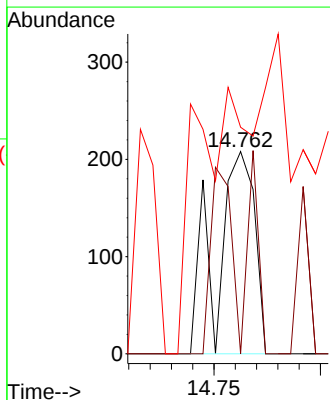
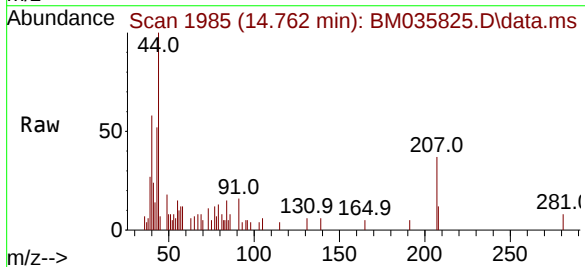
Instrument :
BNA_M
ClientSampleId :
PB146220BL

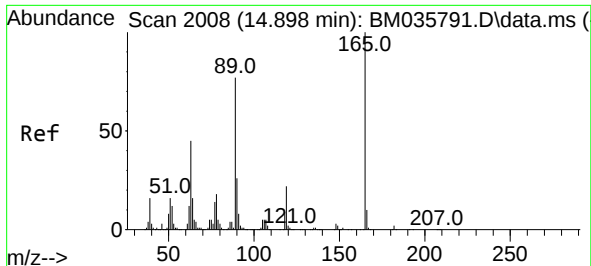
Tgt Ion:138 Resp: 107
Ion Ratio Lower Upper
138 100
108 7494.8 8.7 13.1#
92 1892.8 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.074 ng
RT: 14.762 min Scan# 1985
Delta R.T. 0.017 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

Tgt Ion:139 Resp: 259
Ion Ratio Lower Upper
139 100
109 0.0 62.5 102.5#
65 112.0 83.5 123.5

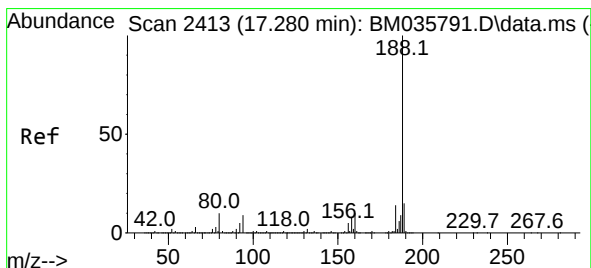
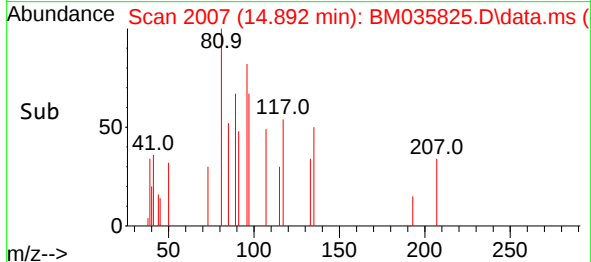
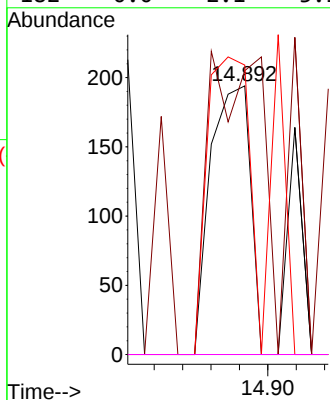
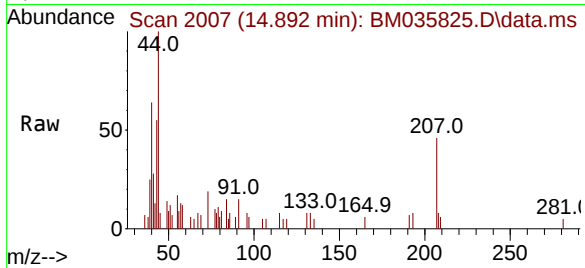




#57
2,4-Dinitrotoluene
Concen: 3.349 ng
RT: 14.892 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

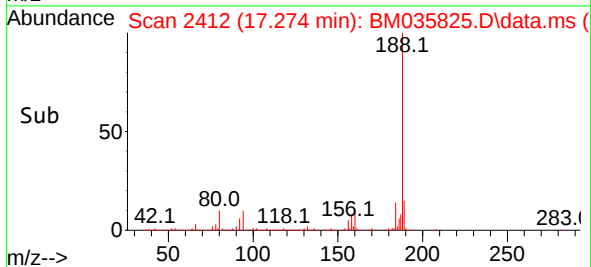
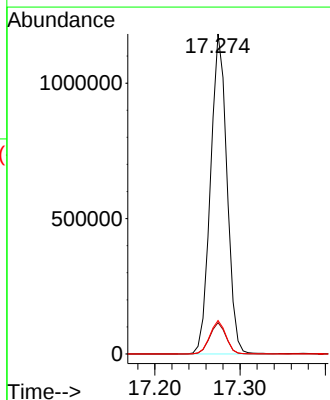
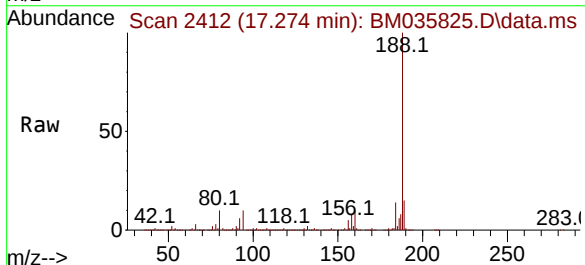
Instrument :
BNA_M
ClientSampleId :
PB146220BL

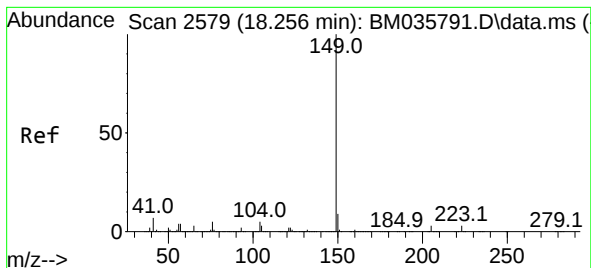
Tgt Ion:165 Resp: 189
Ion Ratio Lower Upper
165 100
63 105.7 35.6 53.4#
89 107.7 57.3 85.9#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM035825.D
Acq: 15 Jul 2022 10:19

Tgt Ion:188 Resp: 1585458
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.4 7.6 11.4





#74

Di-n-butylphthalate

Concen: 2.291 ng

RT: 18.250 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035825.D

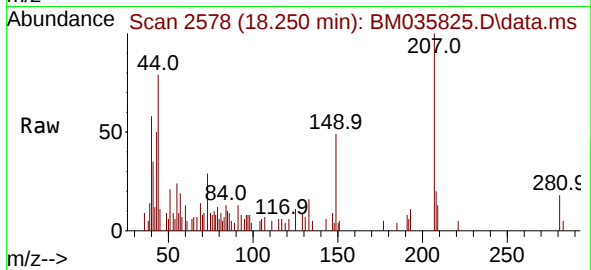
Acq: 15 Jul 2022 10:19

Instrument :

BNA_M

ClientSampleId :

PB146220BL



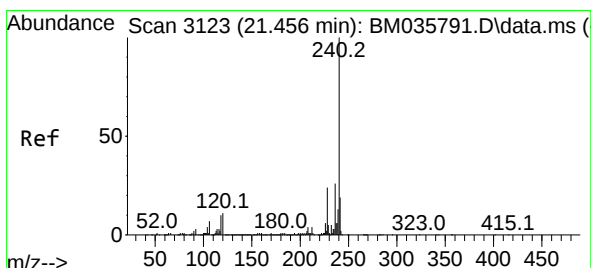
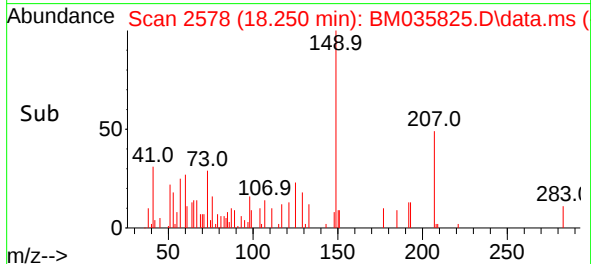
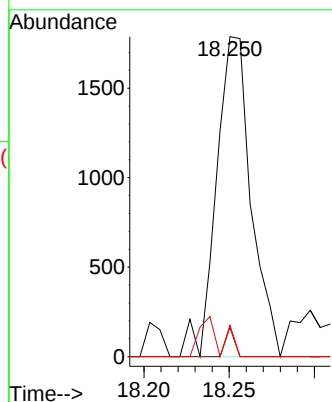
Tgt Ion:149 Resp: 2541

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 9.8 4.3 6.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM035825.D

Acq: 15 Jul 2022 10:19

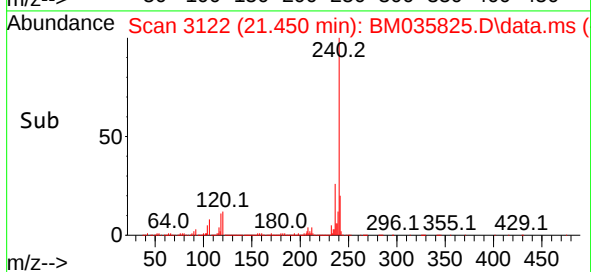
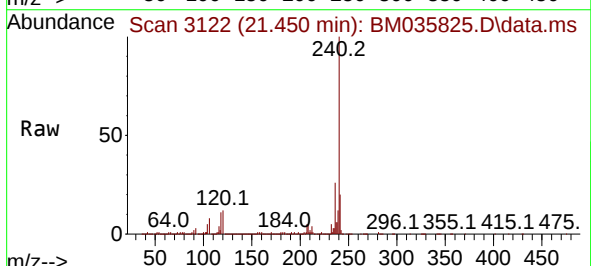
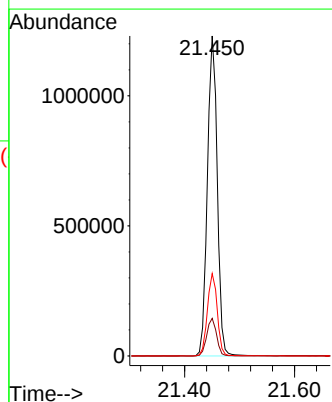
Tgt Ion:240 Resp: 1529044

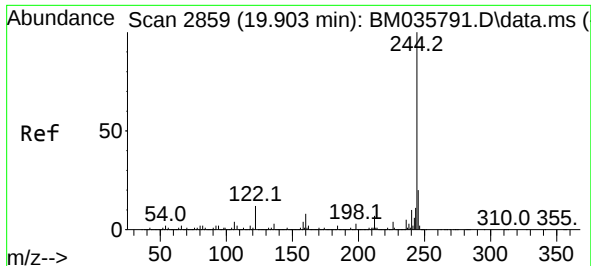
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.0

236 25.8 20.6 30.8

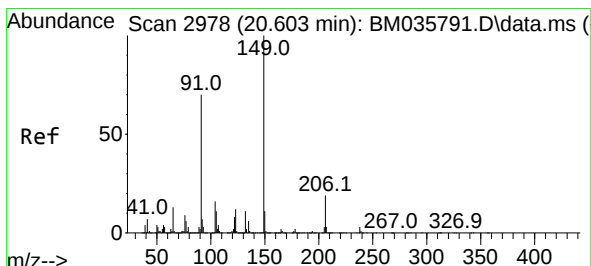
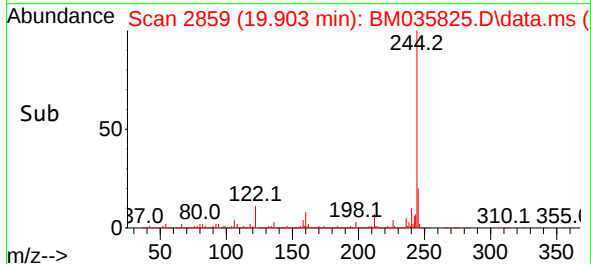
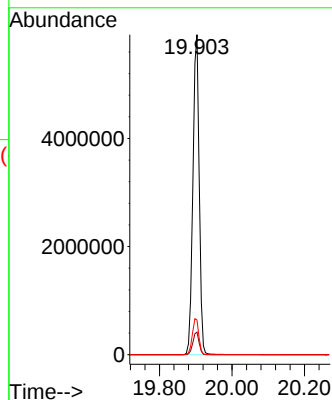
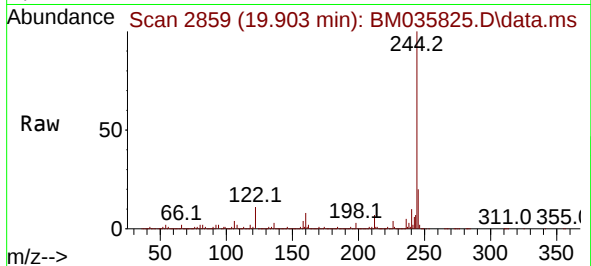




#79
 Terphenyl-d14
 Concen: 90.582 ng
 RT: 19.903 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: BM035825.D
 Acq: 15 Jul 2022 10:19

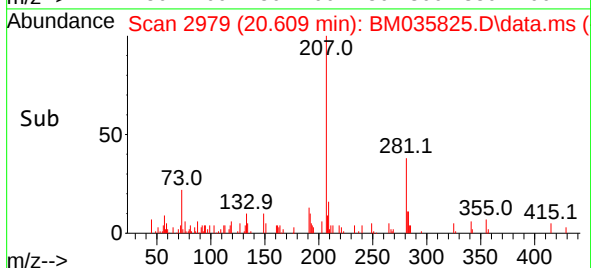
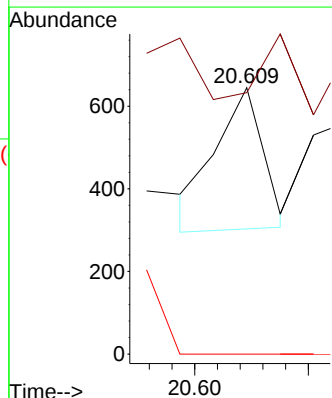
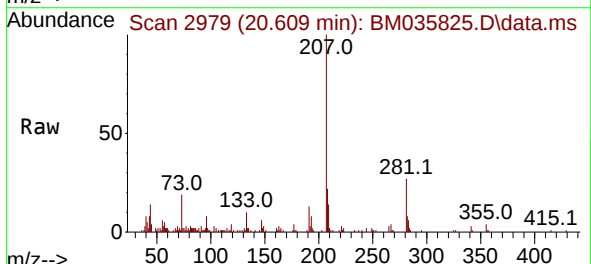
Instrument :
 BNA_M
 ClientSampleId :
 PB146220BL

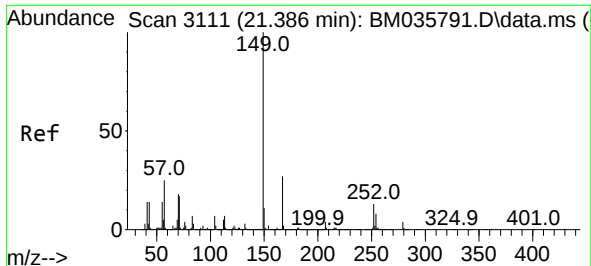
Tgt Ion:244 Resp: 7135032
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 10.9 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 4.166 ng
 RT: 20.609 min Scan# 2979
 Delta R.T. 0.006 min
 Lab File: BM035825.D
 Acq: 15 Jul 2022 10:19

Tgt Ion:149 Resp: 199
 Ion Ratio Lower Upper
 149 100
 91 98.1 56.6 85.0#
 206 0.0 15.4 23.0#

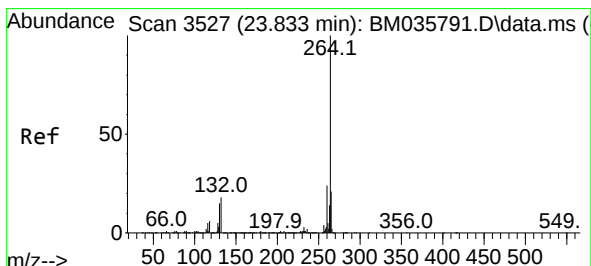
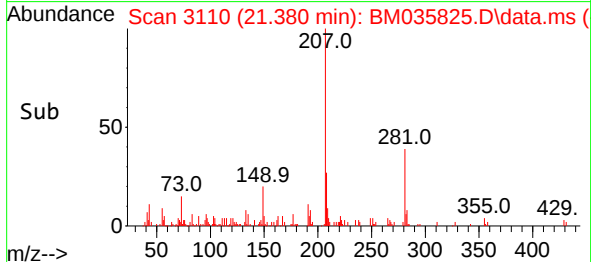
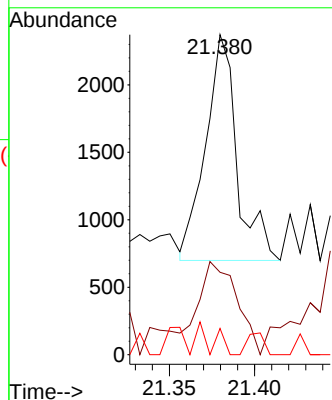
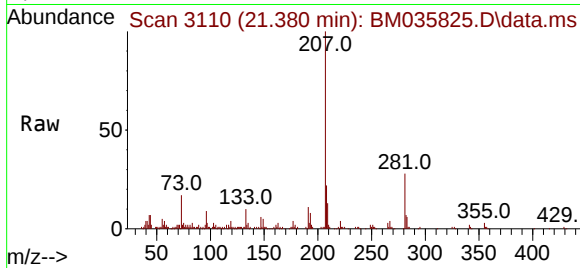




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.273 ng
 RT: 21.380 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BM035825.D
 Acq: 15 Jul 2022 10:19

Instrument :
 BNA_M
 ClientSampleId :
 PB146220BL

Tgt Ion:149 Resp: 2143
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.1 31.7
 279 8.2 2.8 4.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.832 min Scan# 3527
 Delta R.T. -0.001 min
 Lab File: BM035825.D
 Acq: 15 Jul 2022 10:19

Tgt Ion:264 Resp: 1584936
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.1 17.5 26.3

