

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035846.D
 Acq On : 16 Jul 2022 00:52
 Operator : CG/JU
 Sample : N3651-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-FILT

Quant Time: Jul 16 03:02:39 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)

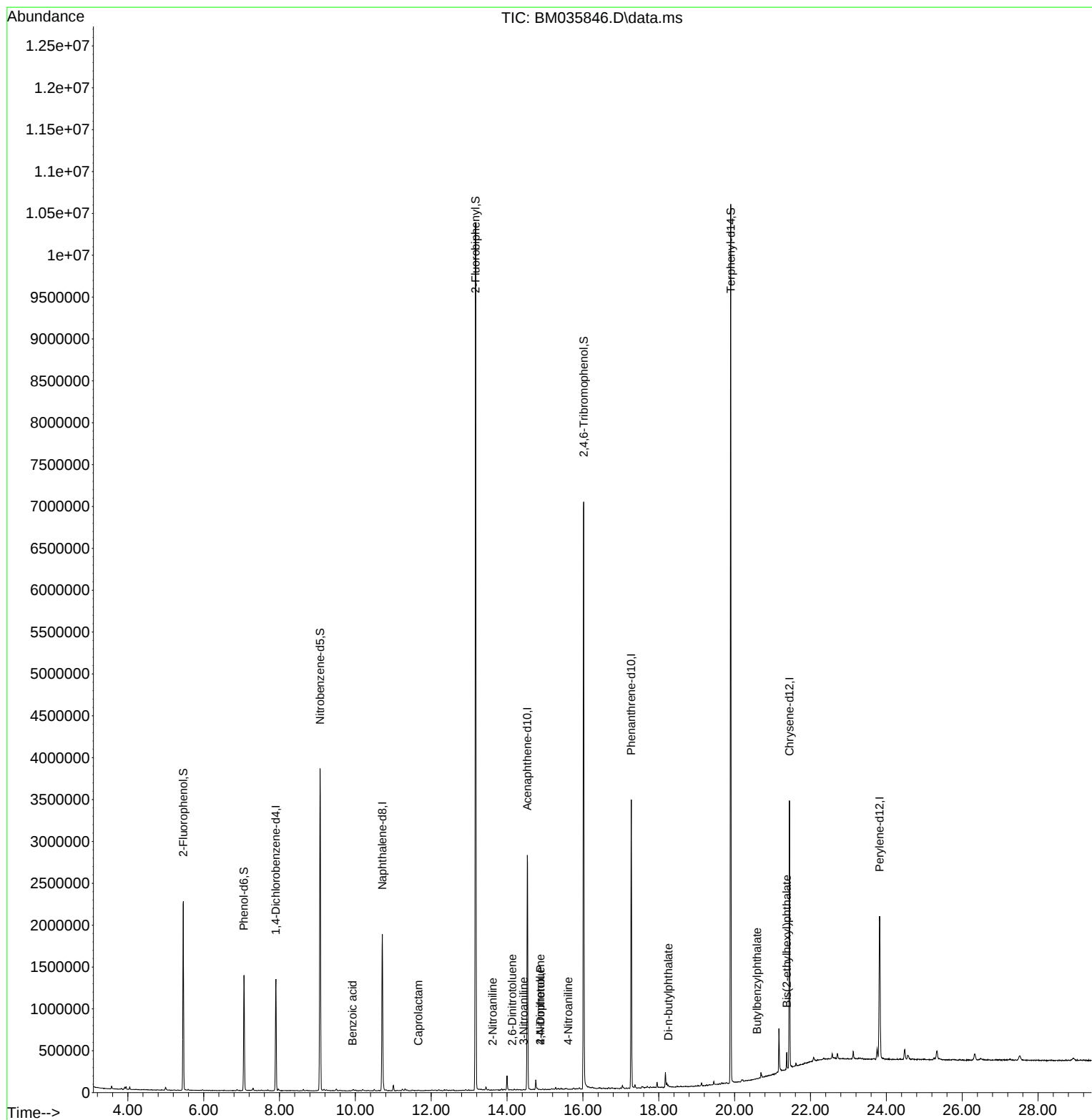
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	348362	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1535313	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	957310	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1920578	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1455513	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1258695	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	972638	45.350	ng	0.00
7) Phenol-d6	7.063	99	756707	28.207	ng	0.00
23) Nitrobenzene-d5	9.069	82	2142946	79.793	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1287468	132.434	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	4926669	71.772	ng	0.00
79) Terphenyl-d14	19.898	244	4689166	62.539	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.928	122	2843	8.228	ng	87
35) Caprolactam	11.663	113	405	5.156	ng	# 1
48) 2-Nitroaniline	13.622	65	266	3.613	ng	# 5
51) 2,6-Dinitrotoluene	14.133	165	70	2.300	ng	# 30
53) 3-Nitroaniline	14.439	138	62	2.673	ng	# 1
56) 4-Nitrophenol	14.874	139	450	4.084	ng	93
57) 2,4-Dinitrotoluene	14.874	165	395	3.357	ng	# 36
62) 4-Nitroaniline	15.616	138	57	2.803	ng	# 1
74) Di-n-butylphthalate	18.251	149	13895	2.390	ng	99
80) Butylbenzylphthalate	20.592	149	849	4.184	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.374	149	66713	4.511	ng	# 98

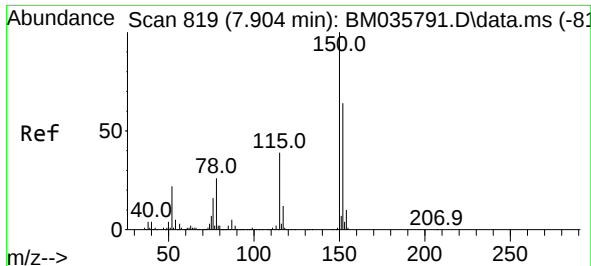
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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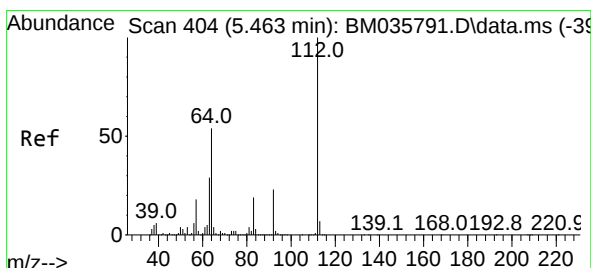
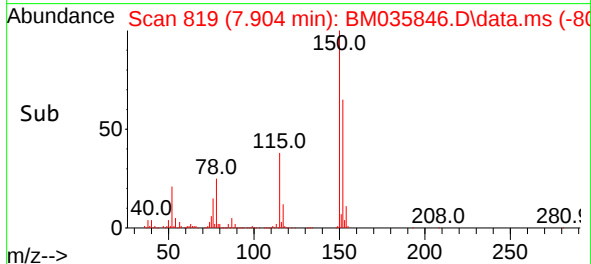
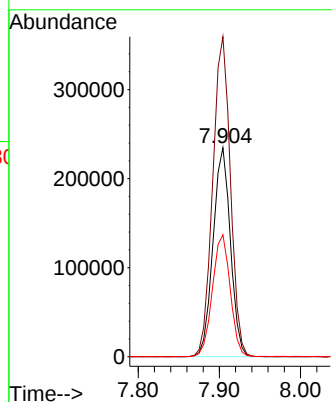
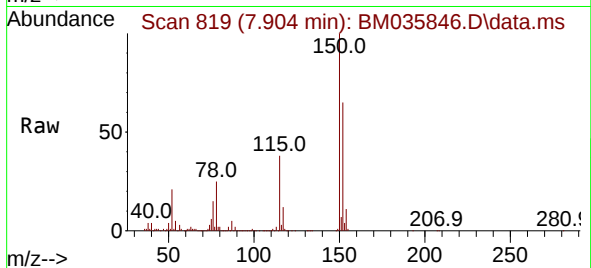




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035846.D
 Acq: 16 Jul 2022 00:52

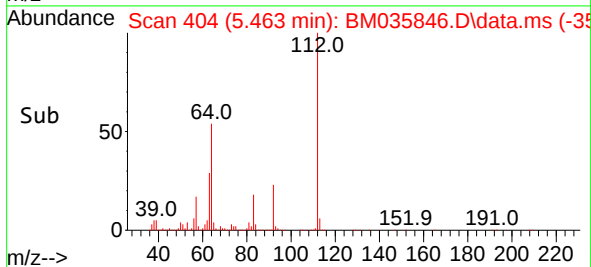
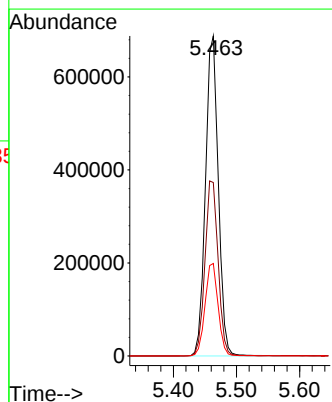
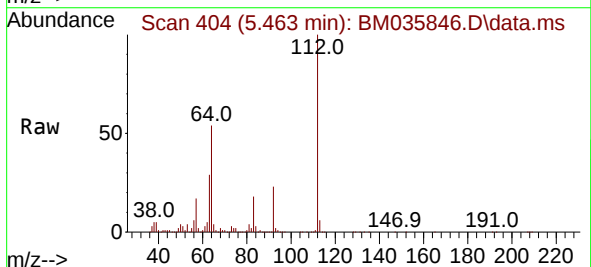
Instrument :
 BNA_M
 ClientSampleId :
 DUP-FILT

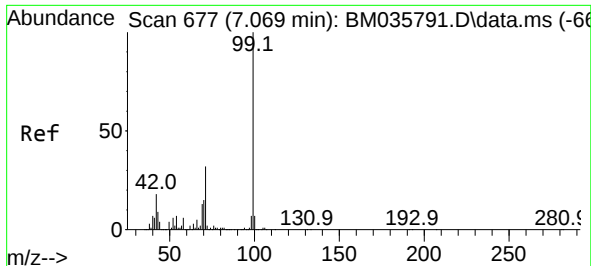
Tgt Ion:152 Resp: 348362
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.9 187.3
 115 58.3 47.9 71.9



#5
 2-Fluorophenol
 Concen: 45.350 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035846.D
 Acq: 16 Jul 2022 00:52

Tgt Ion:112 Resp: 972638
 Ion Ratio Lower Upper
 112 100
 64 54.2 47.8 71.6
 63 28.9 26.6 40.0

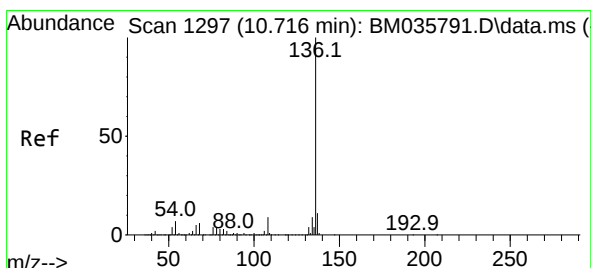
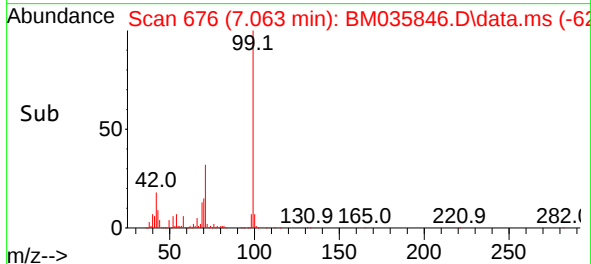
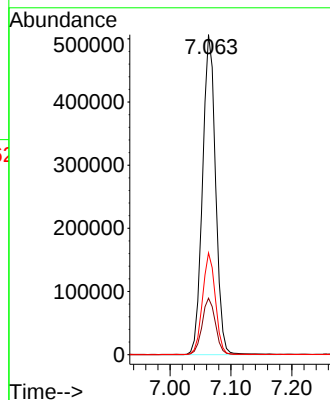
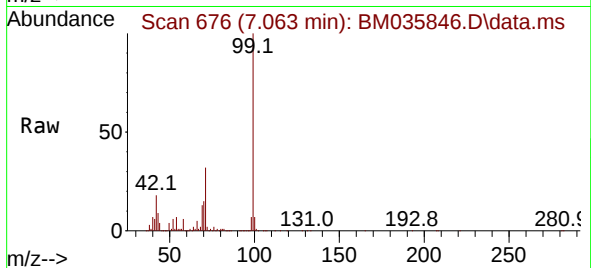




#7
Phenol-d6
Concen: 28.207 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

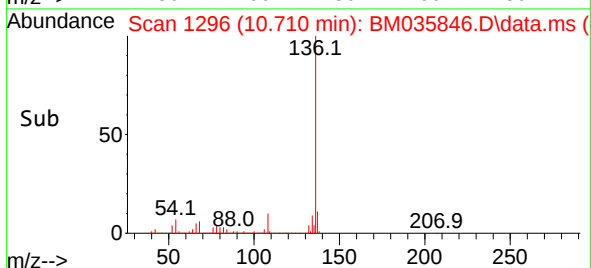
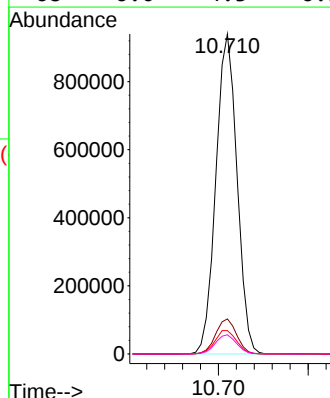
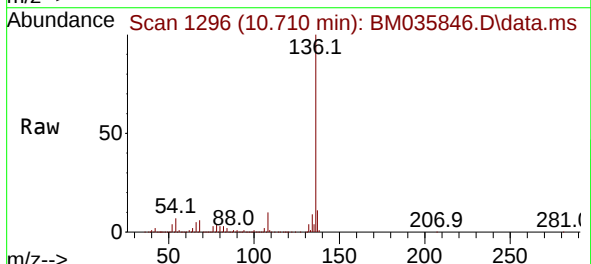
Instrument :
BNA_M
ClientSampleId :
DUP-FILT

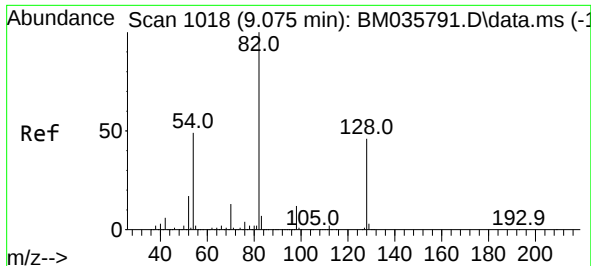
Tgt Ion: 99 Resp: 756707
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 31.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

Tgt Ion:136 Resp: 1535313
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 7.0 10.4
68 6.0 4.3 6.5

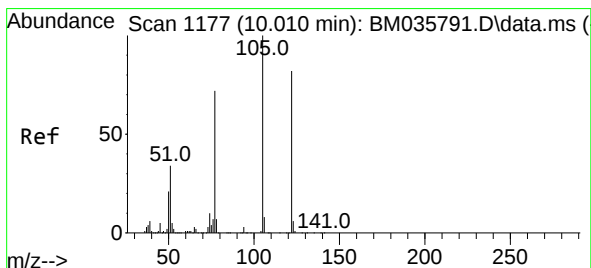
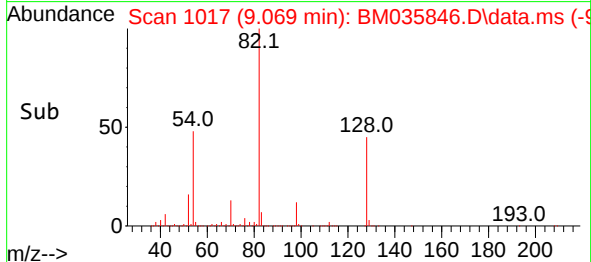
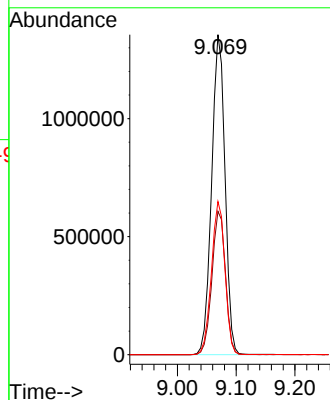
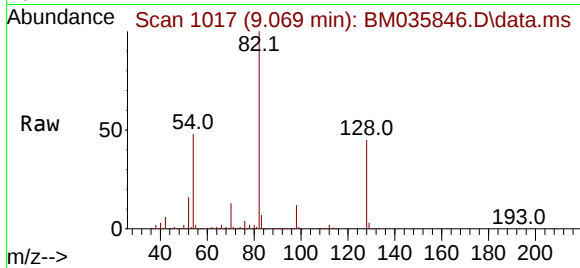




#23
Nitrobenzene-d5
Concen: 79.793 ng
RT: 9.069 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

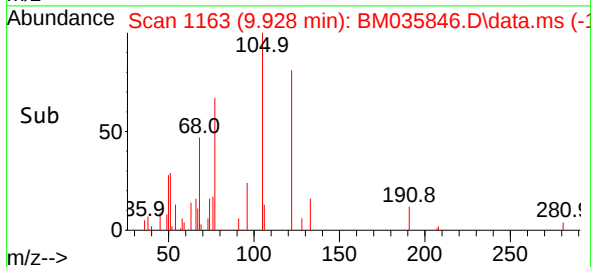
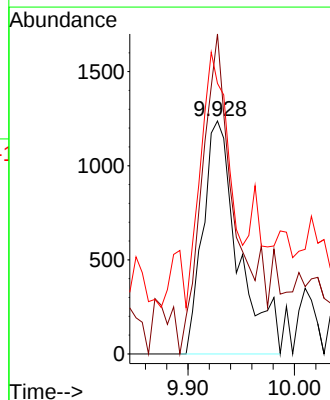
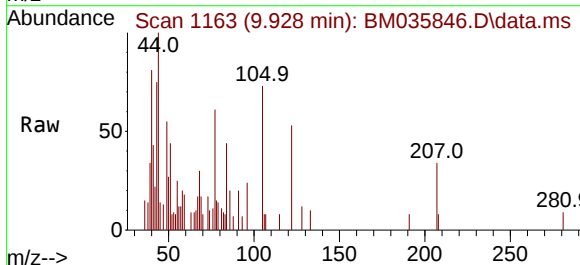
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BNA_M
ClientSampleId :
DUP-FILT

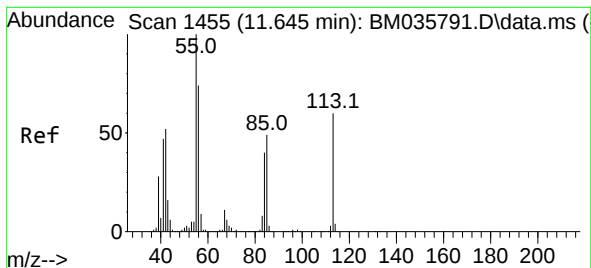
Tgt Ion: 82 Resp: 2142946
Ion Ratio Lower Upper
82 100
128 44.8 33.7 50.5
54 47.9 43.2 64.8



#32
Benzoic acid
Concen: 8.228 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.082 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

Tgt Ion:122 Resp: 2843
Ion Ratio Lower Upper
122 100
105 137.3 105.7 145.7
77 116.1 80.0 120.0





#35

Caprolactam

Concen: 5.156 ng

RT: 11.663 min Scan# 1458

Delta R.T. 0.018 min

Lab File: BM035846.D

Acq: 16 Jul 2022 00:52

Instrument :

BNA_M

ClientSampleId :

DUP-FILT

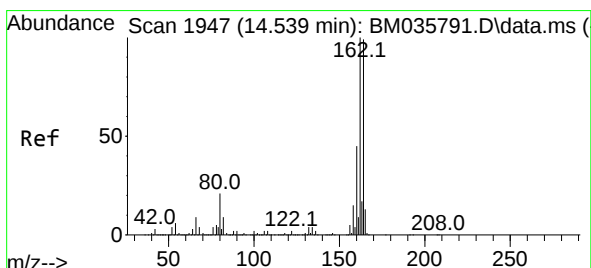
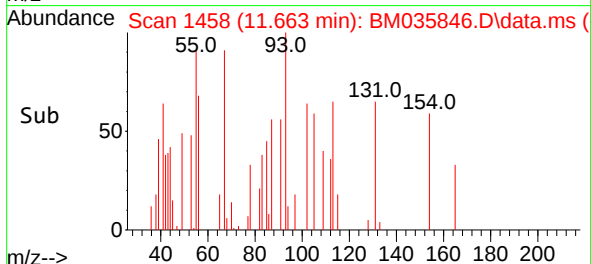
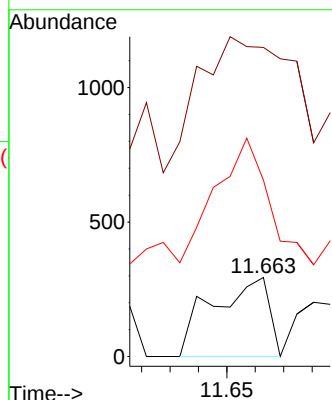
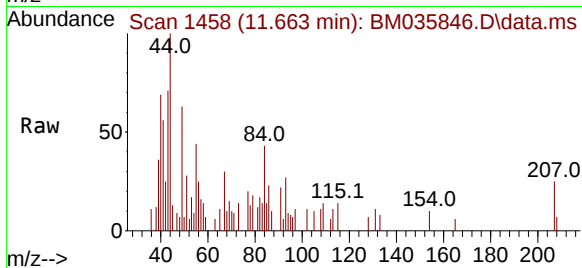
Tgt Ion:113 Resp: 405

Ion Ratio Lower Upper

113 100

55 390.8 150.1 190.1#

56 223.1 111.7 151.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BM035846.D

Acq: 16 Jul 2022 00:52

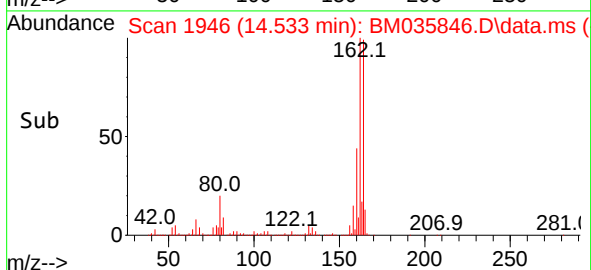
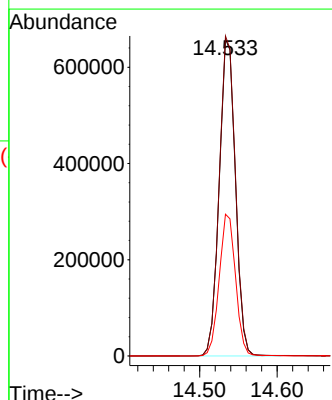
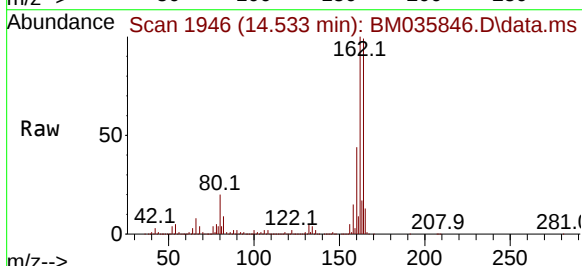
Tgt Ion:164 Resp: 957310

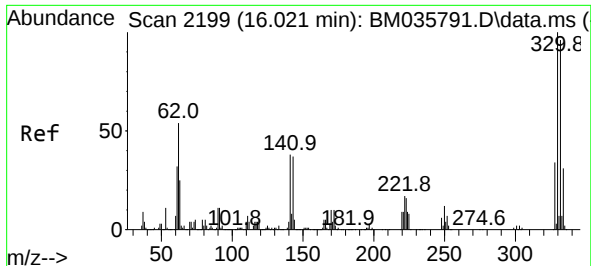
Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.6

160 44.7 37.0 55.4

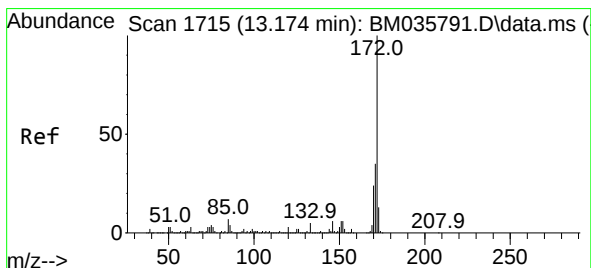
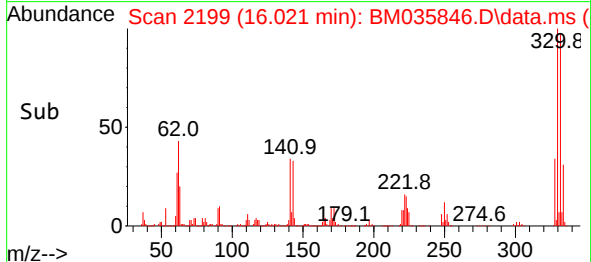
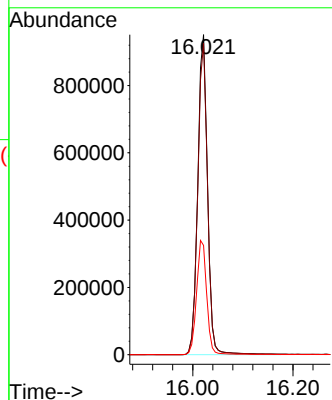
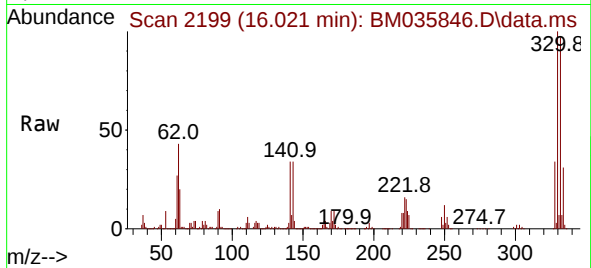




#42
 2,4,6-Tribromophenol
 Concen: 132.434 ng
 RT: 16.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BM035846.D
 Acq: 16 Jul 2022 00:52

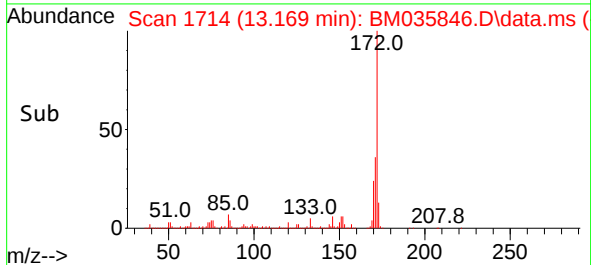
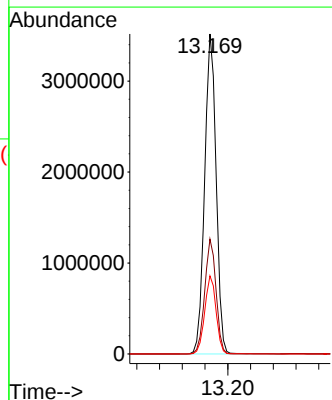
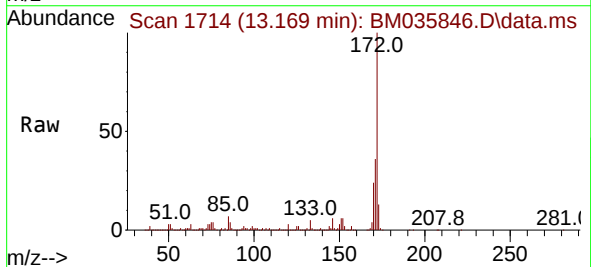
Instrument :
 BNA_M
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 DUP-FILT

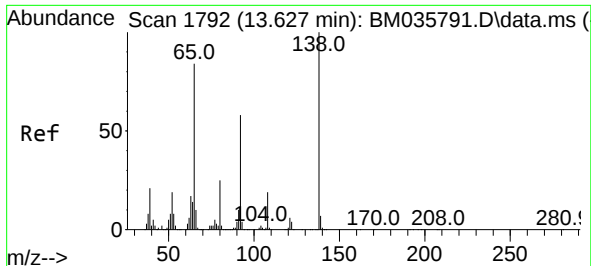
Tgt Ion:330 Resp: 1287468
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.4
 141 37.0 35.3 52.9



#45
 2-Fluorobiphenyl
 Concen: 71.772 ng
 RT: 13.169 min Scan# 1714
 Delta R.T. -0.006 min
 Lab File: BM035846.D
 Acq: 16 Jul 2022 00:52

Tgt Ion:172 Resp: 4926669
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.4 18.7 28.1

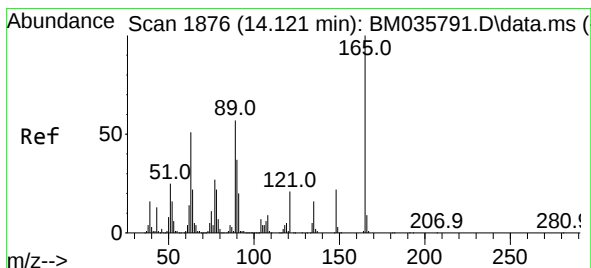
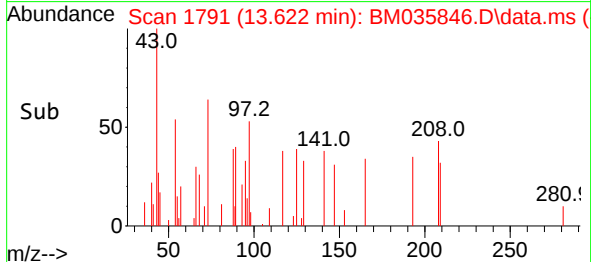
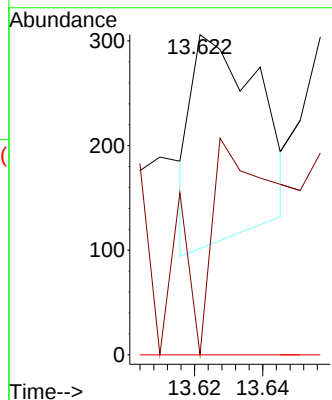
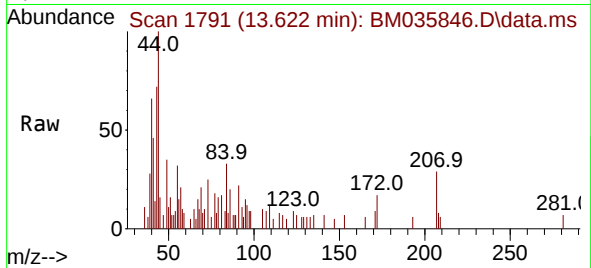




#48
2-Nitroaniline
Concen: 3.613 ng
RT: 13.622 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

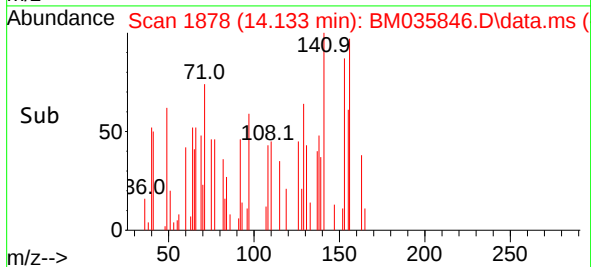
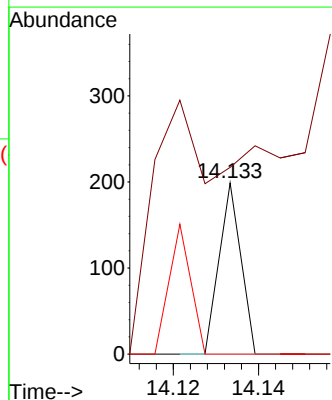
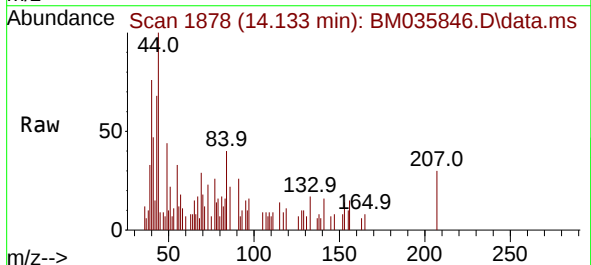
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ClientSampleId :
DUP-FILT

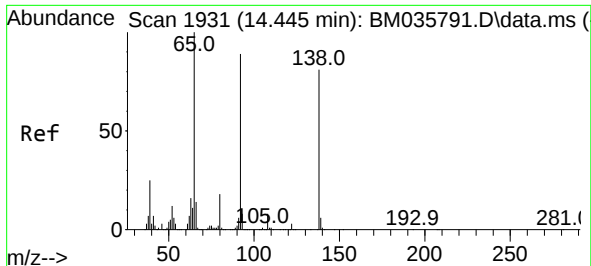
Tgt Ion: 65 Resp: 266
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.300 ng
RT: 14.133 min Scan# 1878
Delta R.T. 0.012 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

Tgt Ion: 165 Resp: 70
Ion Ratio Lower Upper
165 100
63 109.0 50.2 75.2#
89 0.0 48.4 72.6#

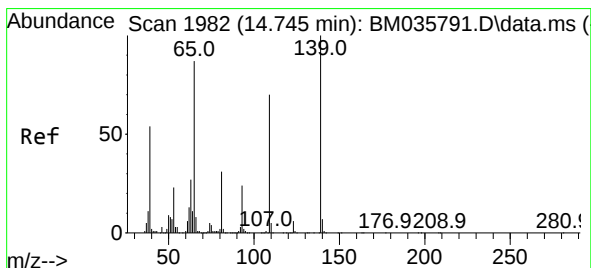
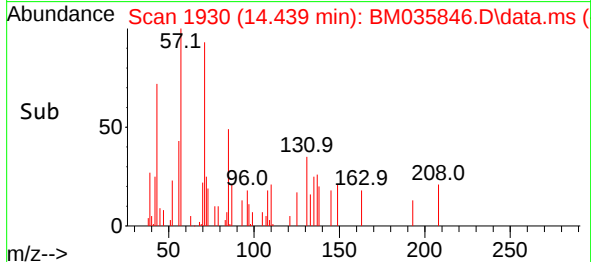
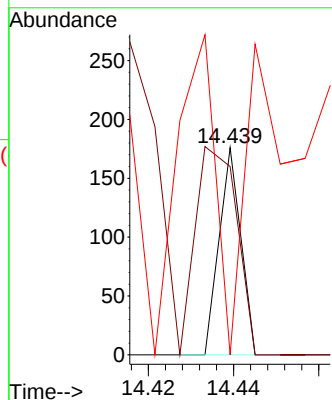
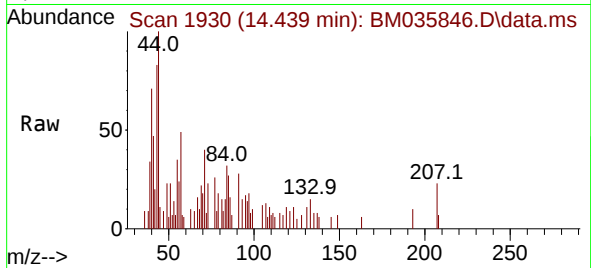




#53
3-Nitroaniline
Concen: 2.673 ng
RT: 14.439 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

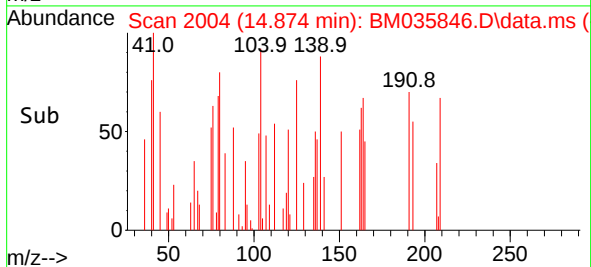
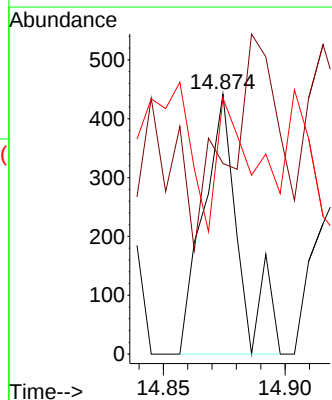
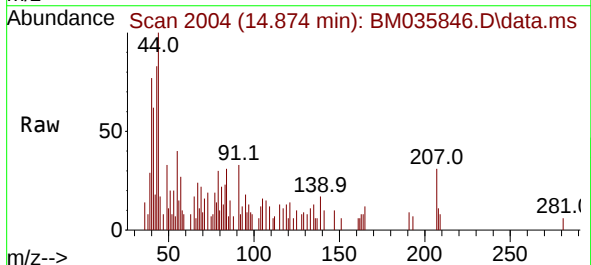
Instrument :
BNA_M
ClientSampleId :
DUP-FILT

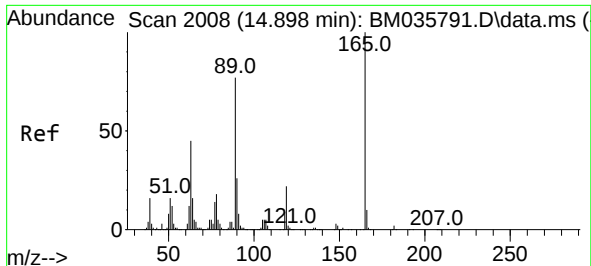
Tgt Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
108 90.9 8.7 13.1#
92 0.0 91.5 137.3#



#56
4-Nitrophenol
Concen: 4.084 ng
RT: 14.874 min Scan# 2004
Delta R.T. 0.129 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

Tgt Ion:139 Resp: 450
Ion Ratio Lower Upper
139 100
109 73.3 62.5 102.5
65 98.4 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 3.357 ng

RT: 14.874 min Scan# 20

Delta R.T. -0.024 min

Lab File: BM035846.D

Acq: 16 Jul 2022 00:52

Instrument :

BNA_M

ClientSampleId :

DUP-FILT

Tgt Ion:165 Resp: 395

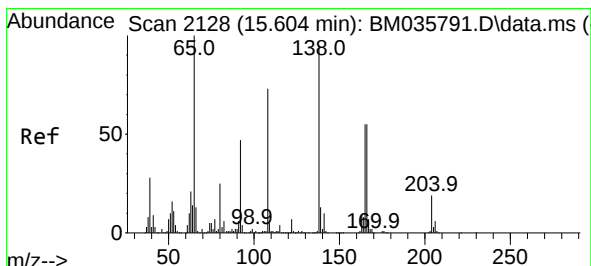
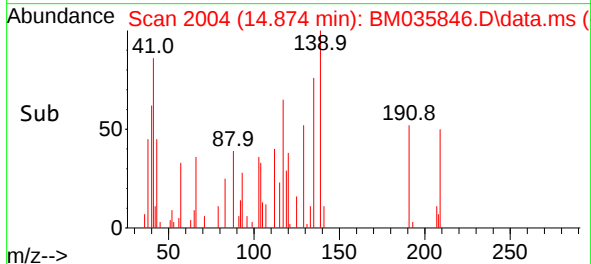
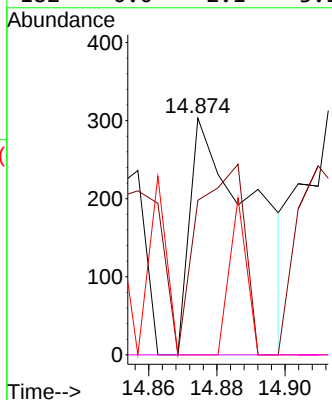
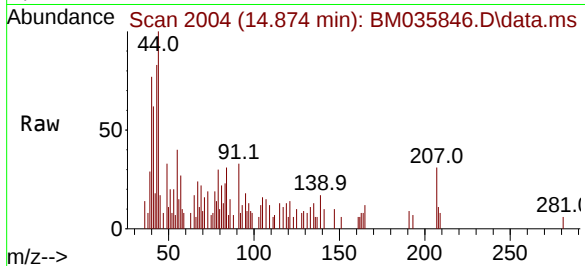
Ion Ratio Lower Upper

165 100

63 65.3 35.6 53.4#

89 0.0 57.3 85.9#

182 0.0 2.1 3.1#



#62

4-Nitroaniline

Concen: 2.803 ng

RT: 15.616 min Scan# 2130

Delta R.T. 0.012 min

Lab File: BM035846.D

Acq: 16 Jul 2022 00:52

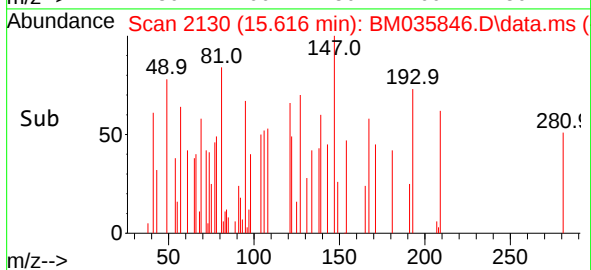
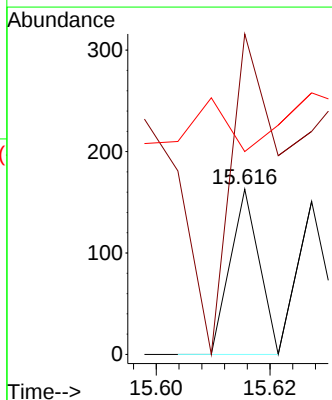
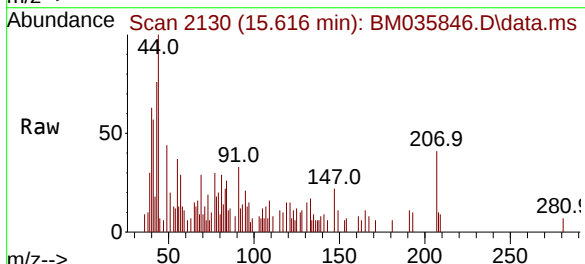
Tgt Ion:138 Resp: 57

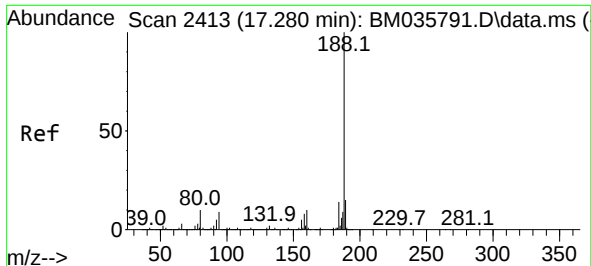
Ion Ratio Lower Upper

138 100

92 193.9 30.8 70.8#

108 122.7 65.7 105.7#

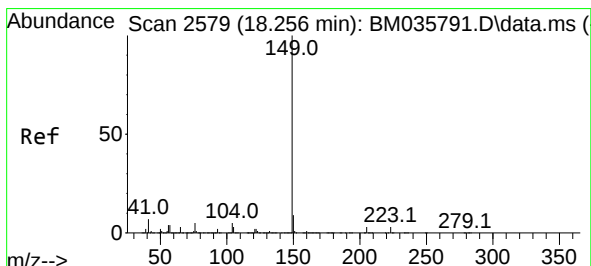
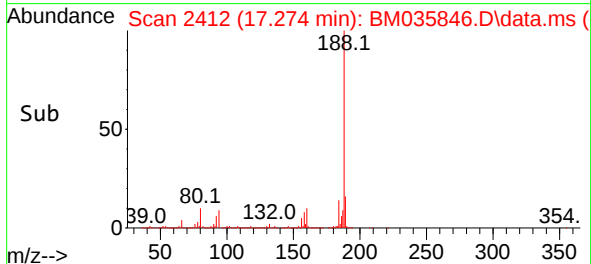
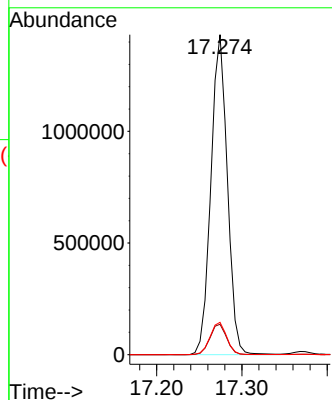
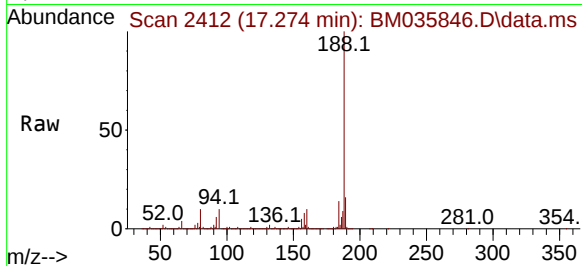




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

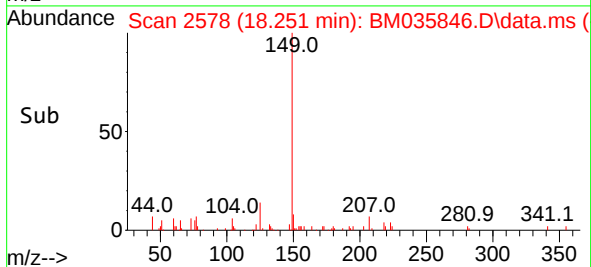
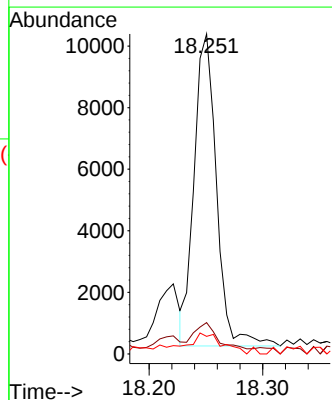
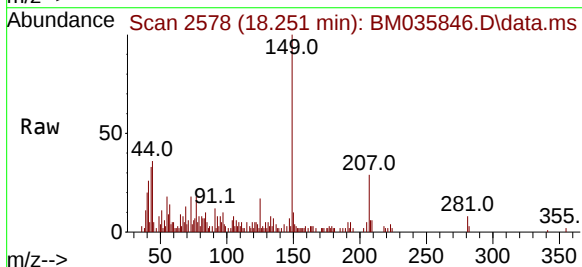
Instrument :
BNA_M
ClientSampleId :
DUP-FILT

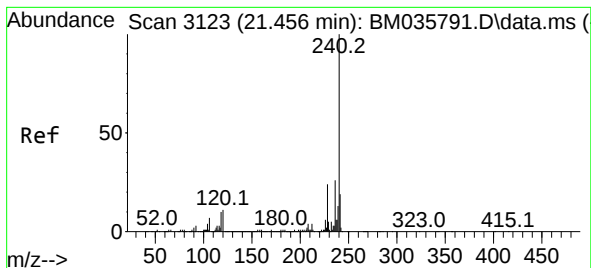
Tgt Ion:188 Resp: 1920578
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.1 7.6 11.4



#74
Di-n-butylphthalate
Concen: 2.390 ng
RT: 18.251 min Scan# 2578
Delta R.T. -0.005 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

Tgt Ion:149 Resp: 13895
Ion Ratio Lower Upper
149 100
150 9.8 7.3 10.9
104 5.5 4.3 6.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM035846.D

Acq: 16 Jul 2022 00:52

Instrument :

BNA_M

ClientSampleId :

DUP-FILT

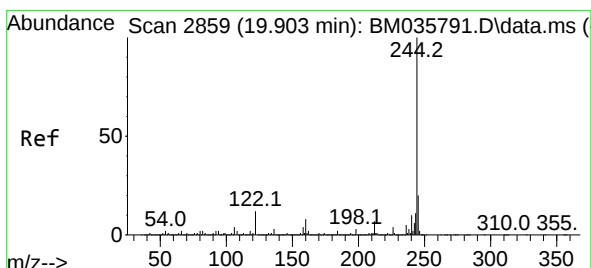
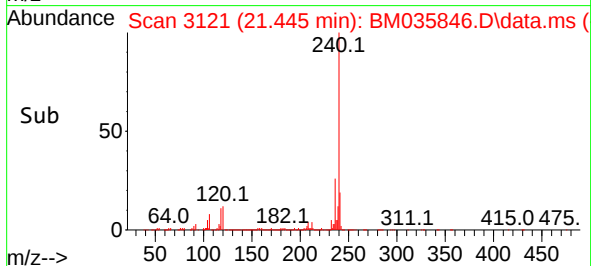
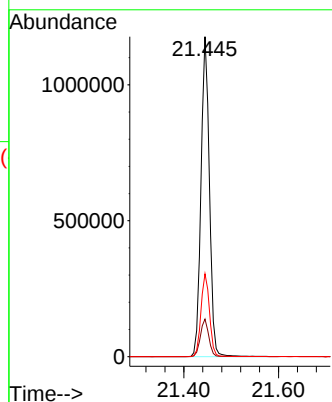
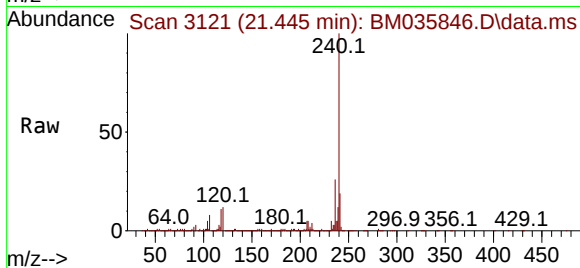
Tgt Ion:240 Resp: 1455513

Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.0

236 25.9 20.6 30.8



#79

Terphenyl-d14

Concen: 62.539 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.005 min

Lab File: BM035846.D

Acq: 16 Jul 2022 00:52

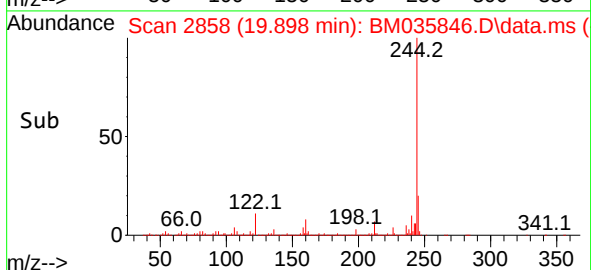
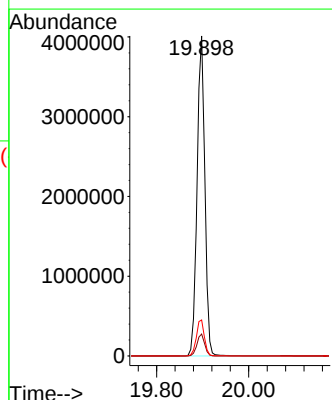
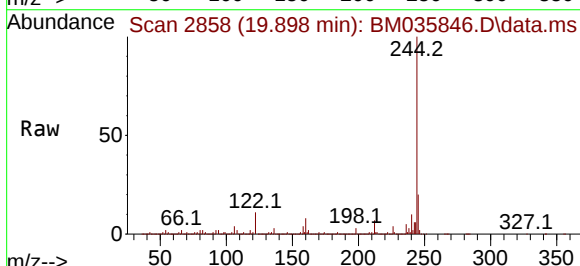
Tgt Ion:244 Resp: 4689166

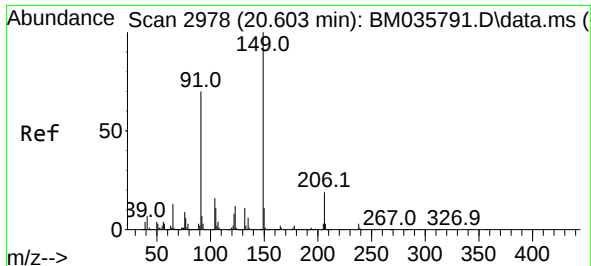
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 11.3 8.3 12.5

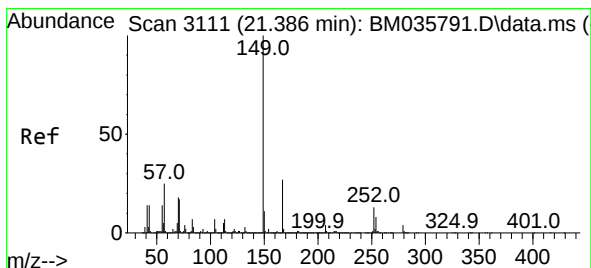
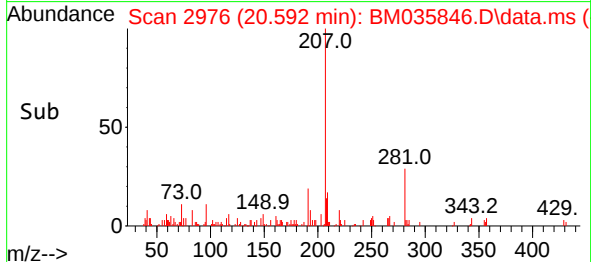
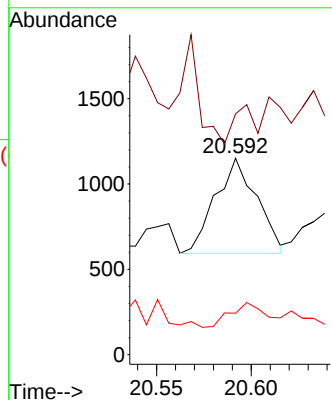
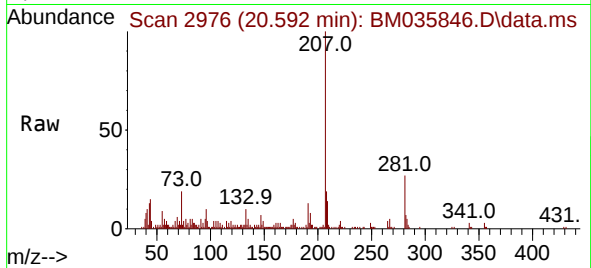




#80
Butylbenzylphthalate
Concen: 4.184 ng
RT: 20.592 min Scan# 2978
Delta R.T. -0.011 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

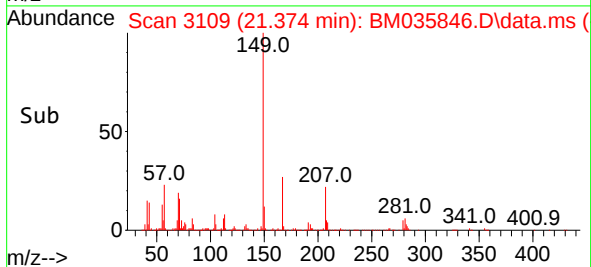
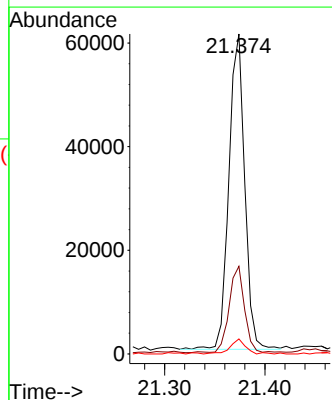
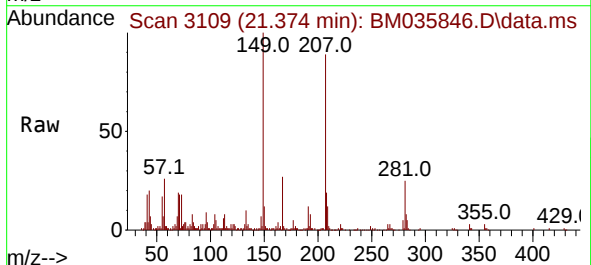
Instrument :
BNA_M
ClientSampleId :
DUP-FILT

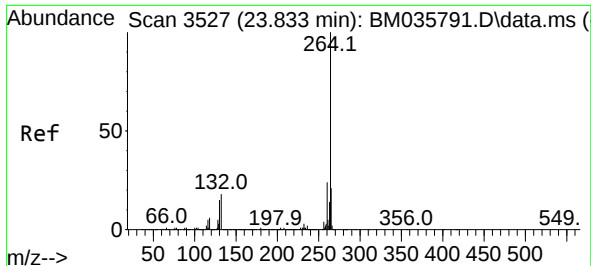
Tgt Ion:149 Resp: 849
Ion Ratio Lower Upper
149 100
91 122.6 56.6 85.0#
206 21.1 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.511 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

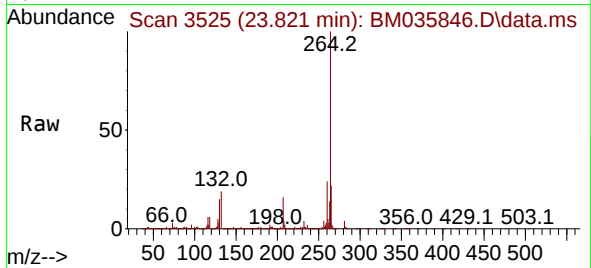
Tgt Ion:149 Resp: 66713
Ion Ratio Lower Upper
149 100
167 27.4 21.1 31.7
279 4.7 2.8 4.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035846.D
Acq: 16 Jul 2022 00:52

Instrument :
BNA_M
ClientSampleId :
DUP-FILT



Tgt Ion:264 Resp: 1258695

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.0	17.5	26.3

