

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092822\
 Data File : BM036794.D
 Acq On : 28 Sep 2022 12:01
 Operator : CG/JU
 Sample : N4742-09RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-21RE

Quant Time: Sep 28 13:02:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 01:39:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

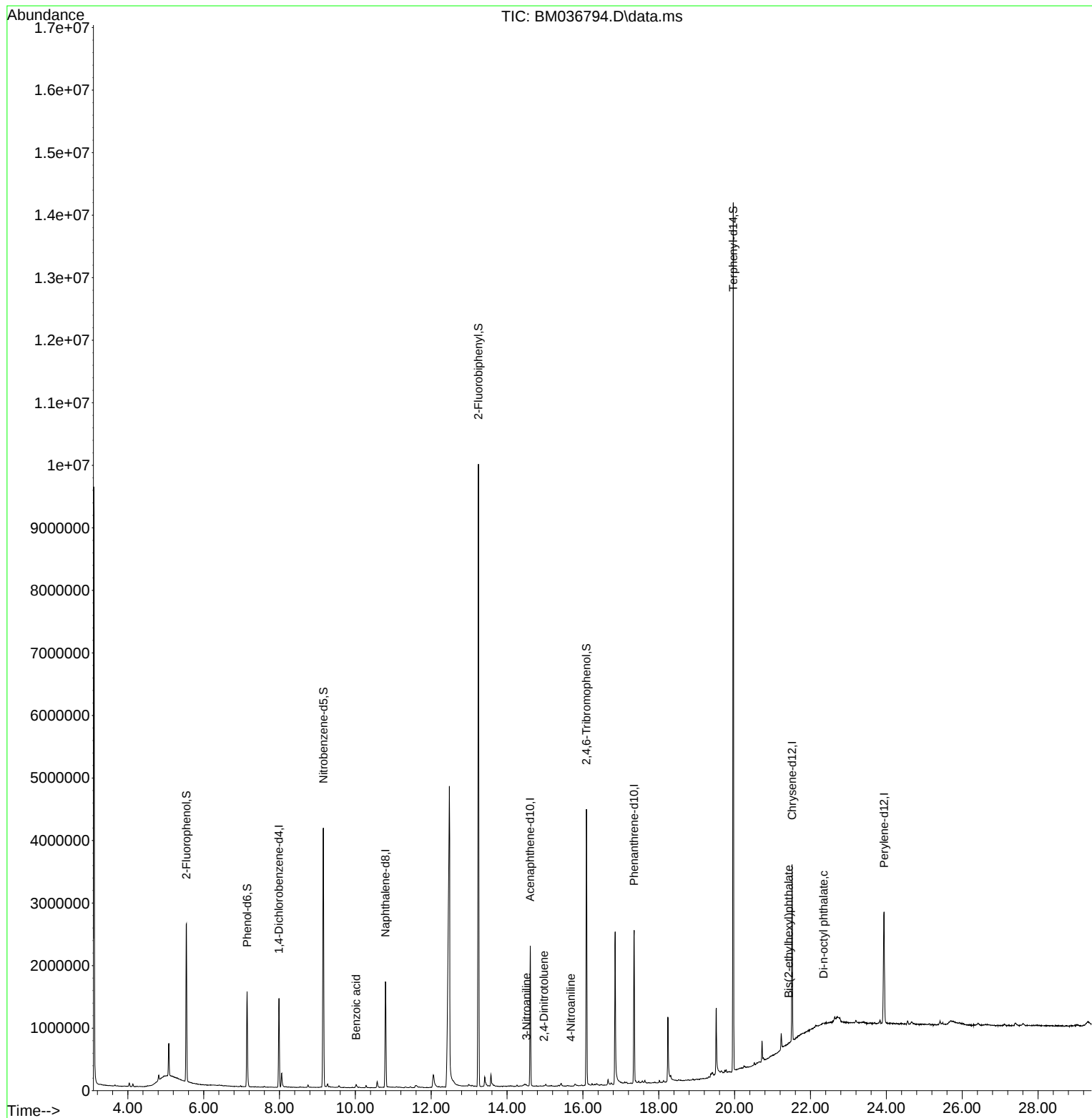
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	364005	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1380024	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	736341	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1398507	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1241975	20.000	ng	0.00
86) Perylene-d12	23.939	264	1253232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1096191	51.655	ng	0.00
7) Phenol-d6	7.145	99	849799	29.207	ng	0.00
23) Nitrobenzene-d5	9.157	82	2397562	89.771	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	670166	109.452	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	4711256	91.835	ng	0.00
79) Terphenyl-d14	19.962	244	6005996	99.475	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.022	122	15361	3.639	ng	98
53) 3-Nitroaniline	14.510	138	261	2.221	ng	# 89
57) 2,4-Dinitrotoluene	14.974	165	441	2.726	ng	# 64
62) 4-Nitroaniline	15.680	138	132	2.173	ng	# 48
84) Bis(2-ethylhexyl)phtha...	21.427	149	7481	2.637	ng	96
85) Di-n-octyl phthalate	22.345	149	701	5.261	ng	# 60

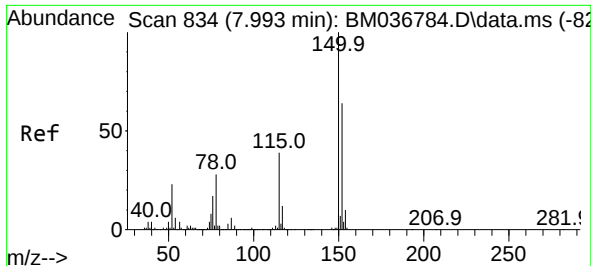
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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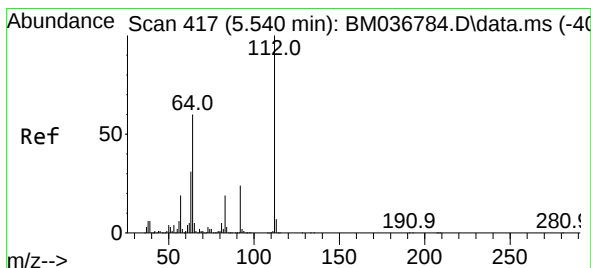
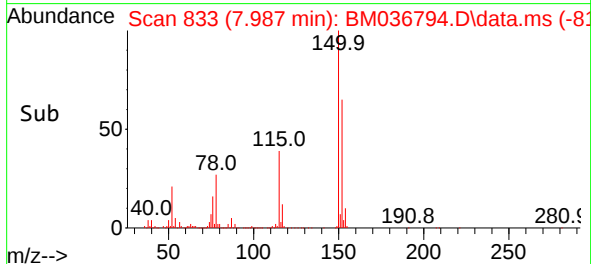
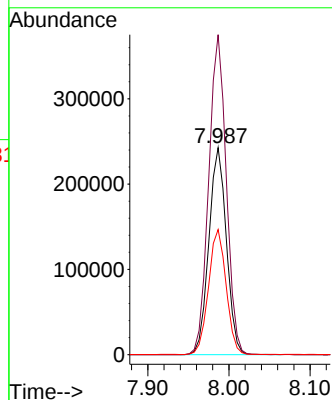
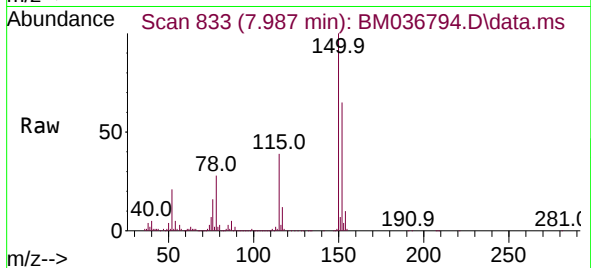




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

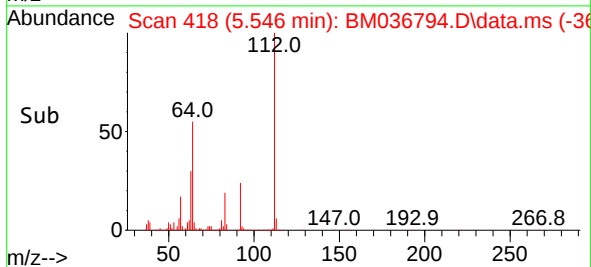
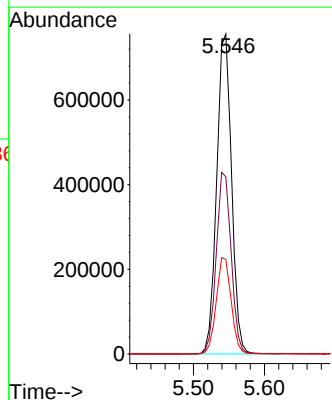
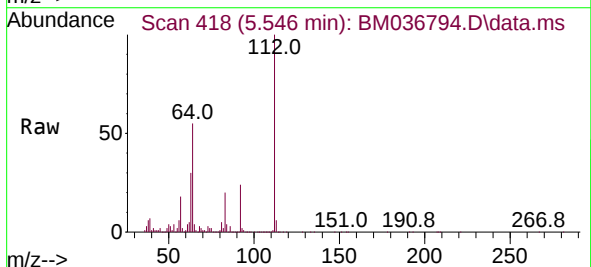
Instrument :
BNA_M
ClientSampleId :
TWP-21RE

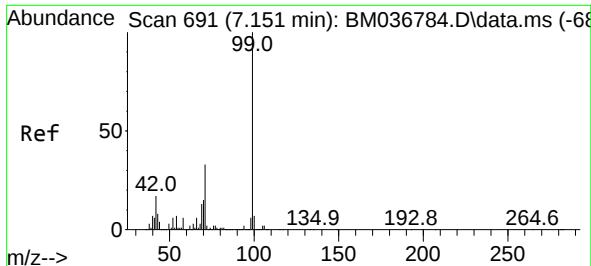
Tgt Ion:152 Resp: 364005
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 60.4 49.4 74.0



#5
2-Fluorophenol
Concen: 51.655 ng
RT: 5.546 min Scan# 418
Delta R.T. 0.006 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

Tgt Ion:112 Resp: 1096191
Ion Ratio Lower Upper
112 100
64 55.4 47.8 71.8
63 29.5 25.0 37.6

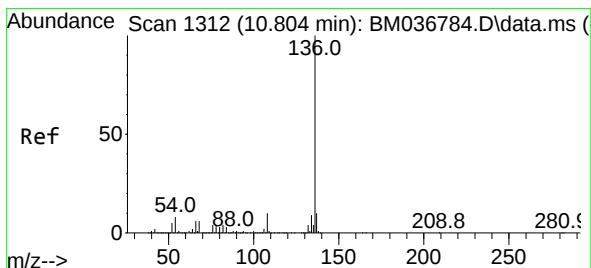
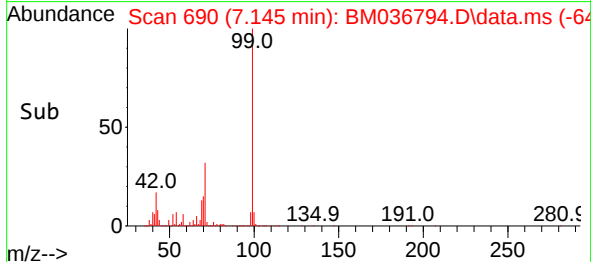
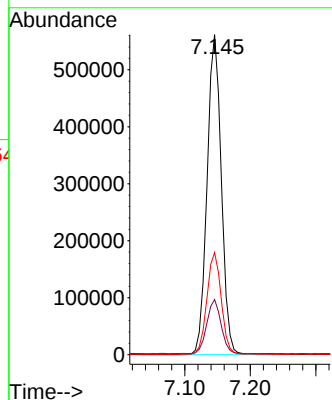
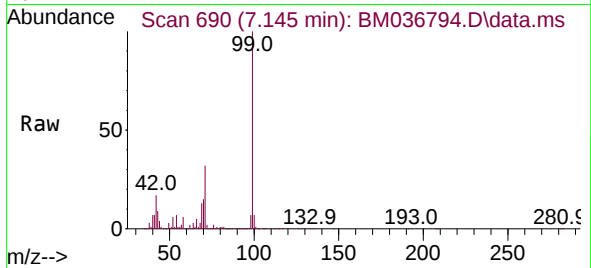




#7
Phenol-d6
Concen: 29.207 ng
RT: 7.145 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

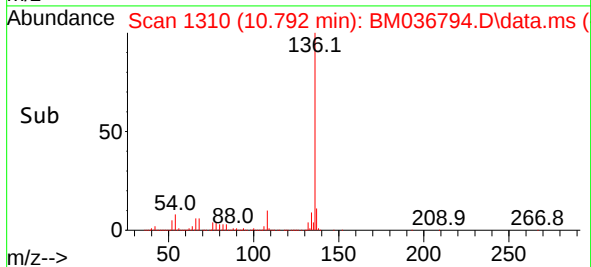
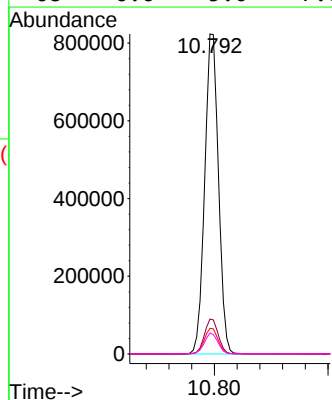
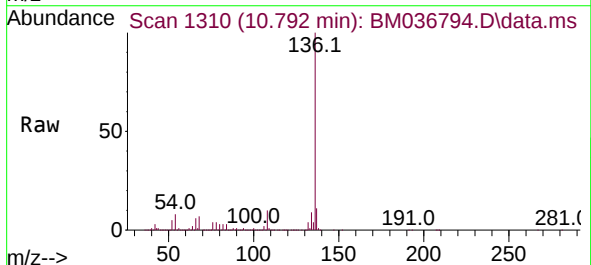
Instrument :
BNA_M
ClientSampleId :
TWP-21RE

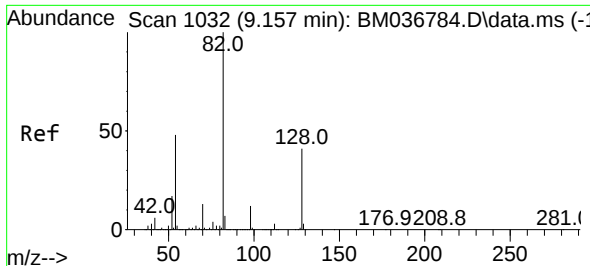
Tgt Ion: 99 Resp: 849799
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 31.9 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

Tgt Ion: 136 Resp: 1380024
Ion Ratio Lower Upper
136 100
137 10.9 8.3 12.5
54 8.0 6.5 9.7
68 6.6 5.0 7.6

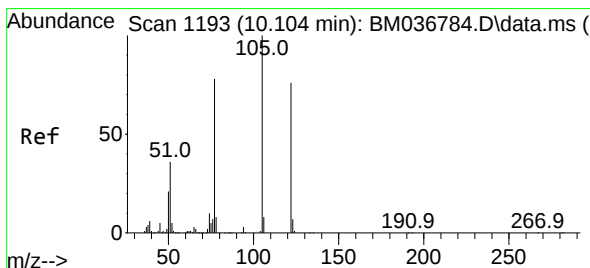
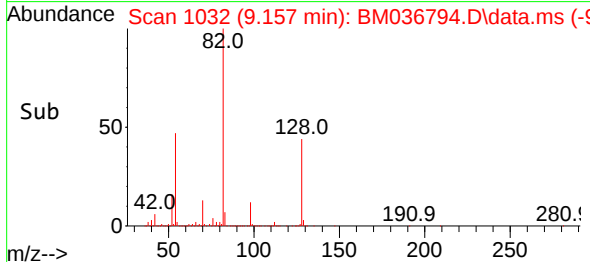
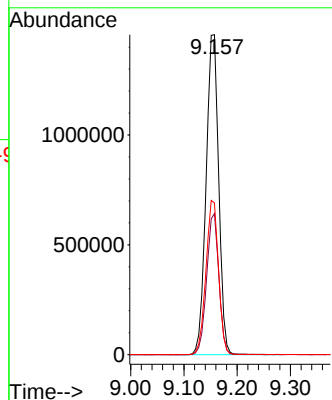
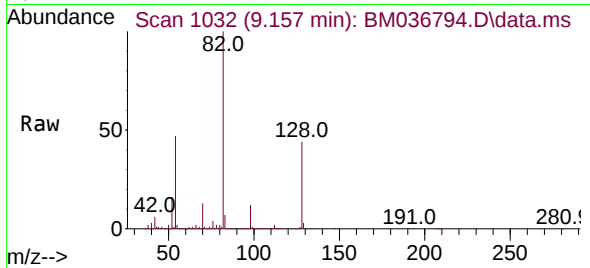




#23
Nitrobenzene-d5
Concen: 89.771 ng
RT: 9.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

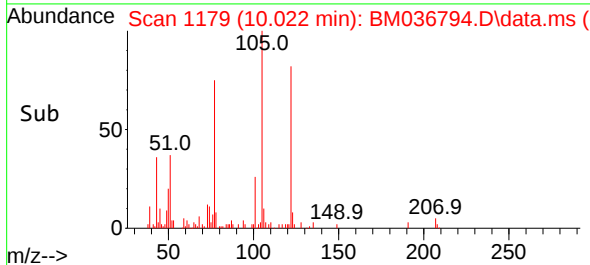
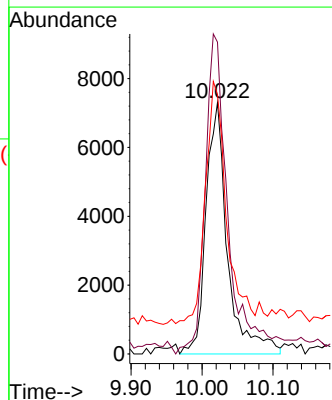
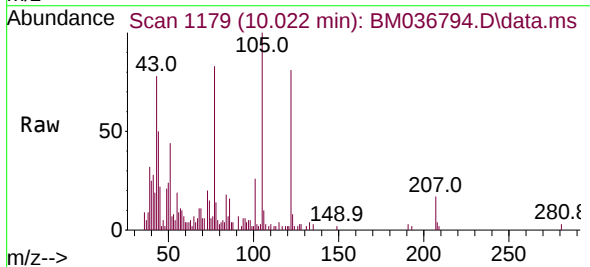
Instrument :
BNA_M
ClientSampleId :
TWP-21RE

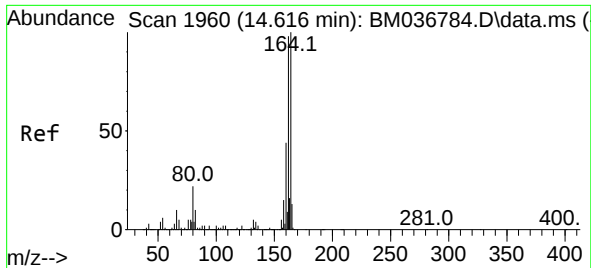
Tgt Ion: 82 Resp: 2397562
Ion Ratio Lower Upper
82 100
128 44.1 33.0 49.4
54 47.4 38.4 57.6



#32
Benzoic acid
Concen: 3.639 ng
RT: 10.022 min Scan# 1179
Delta R.T. -0.082 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

Tgt Ion:122 Resp: 15361
Ion Ratio Lower Upper
122 100
105 124.1 105.8 145.8
77 103.3 79.9 119.9

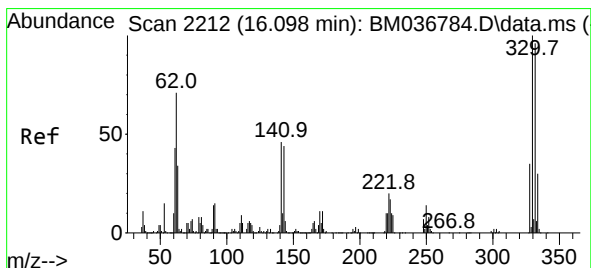
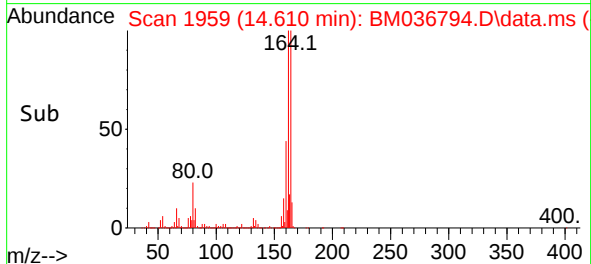
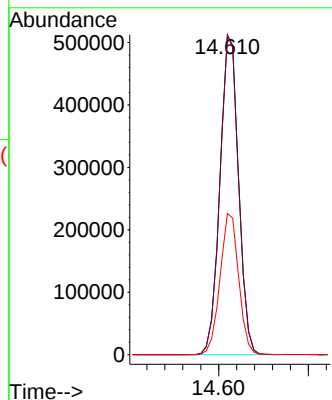
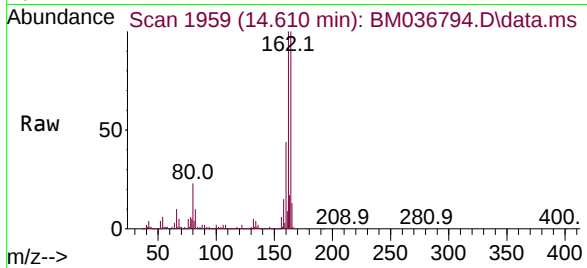




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

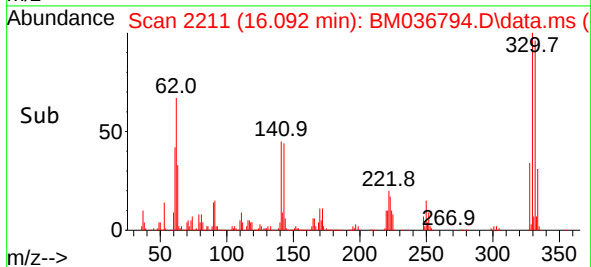
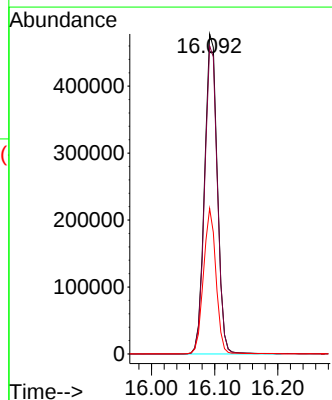
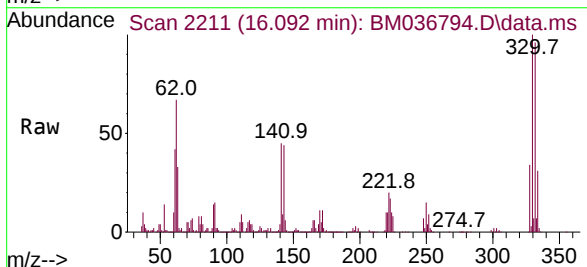
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ClientSampleId :
TWP-21RE

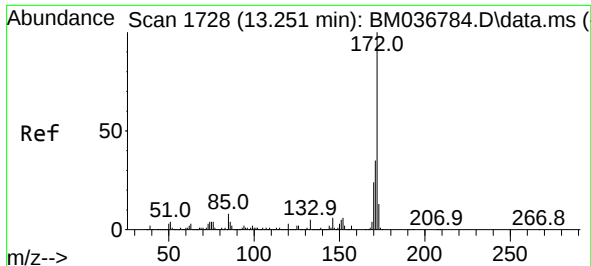
Tgt Ion:164 Resp: 736341
Ion Ratio Lower Upper
164 100
162 100.2 78.3 117.5
160 44.2 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 109.452 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

Tgt Ion:330 Resp: 670166
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 44.3 36.9 55.3

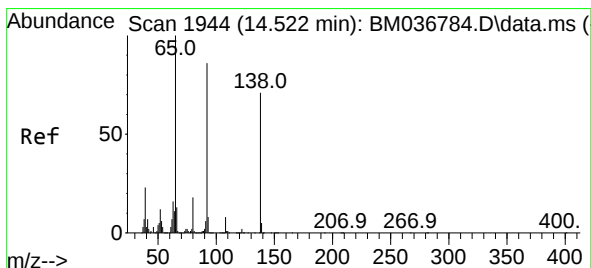
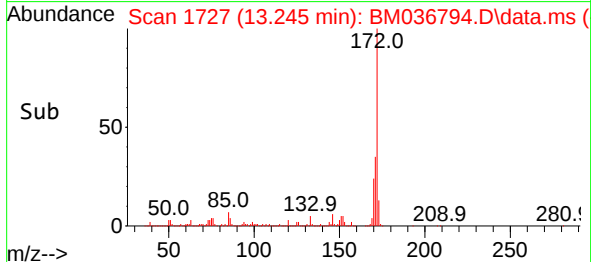
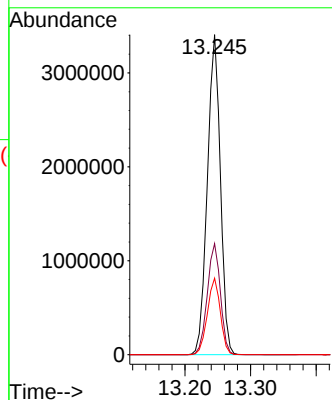
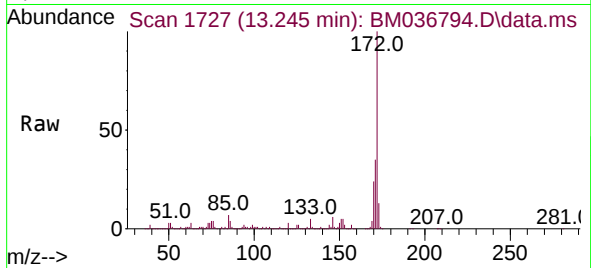




#45
2-Fluorobiphenyl
Concen: 91.835 ng
RT: 13.245 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

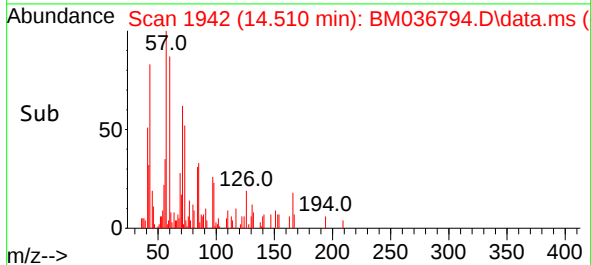
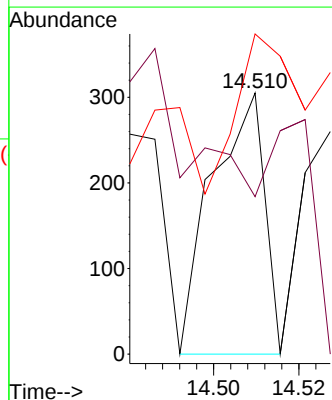
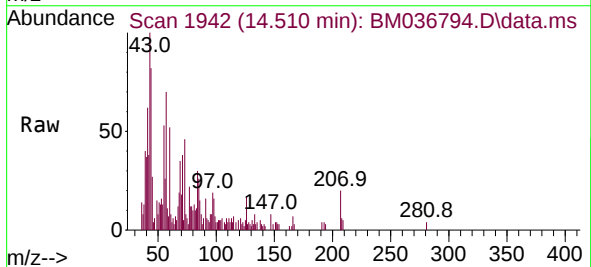
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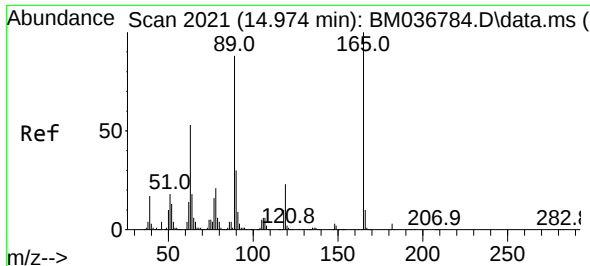
Tgt Ion:172 Resp: 4711256
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.9 19.0 28.4



#53
3-Nitroaniline
Concen: 2.221 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

Tgt Ion:138 Resp: 261
Ion Ratio Lower Upper
138 100
108 60.3 8.7 13.1#
92 122.6 97.9 146.9

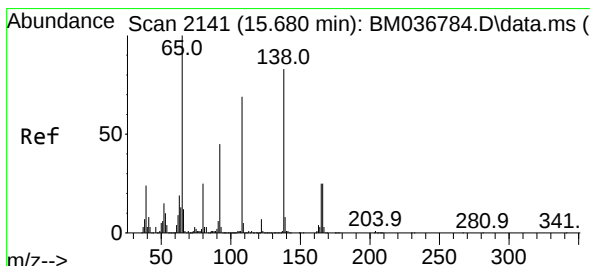
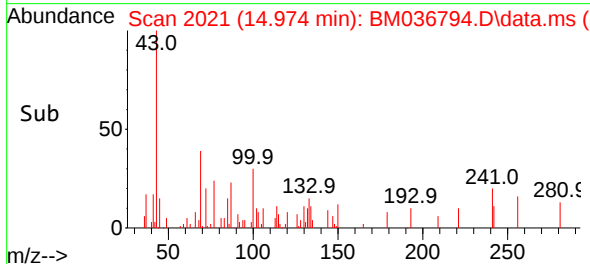
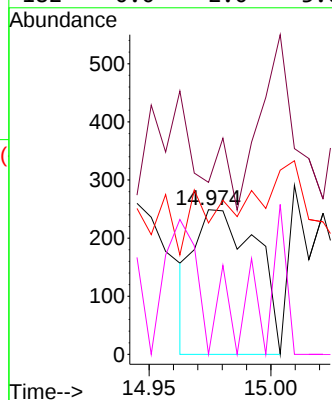
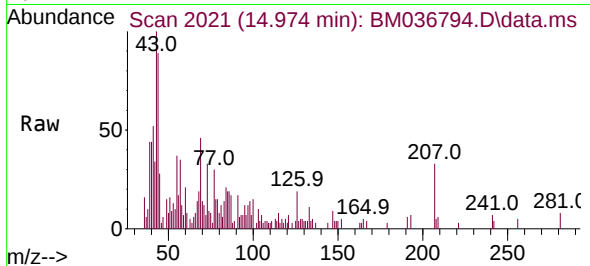




#57
2,4-Dinitrotoluene
Concen: 2.726 ng
RT: 14.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

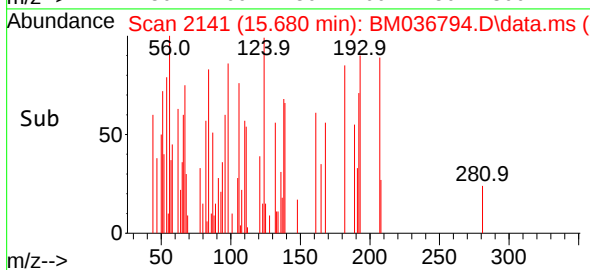
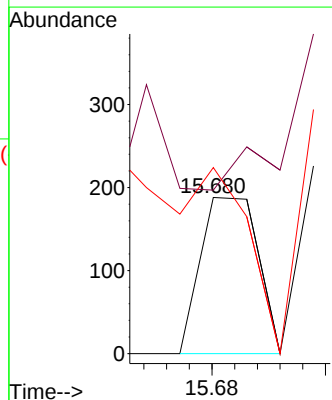
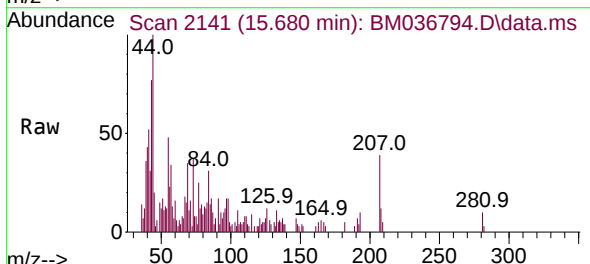
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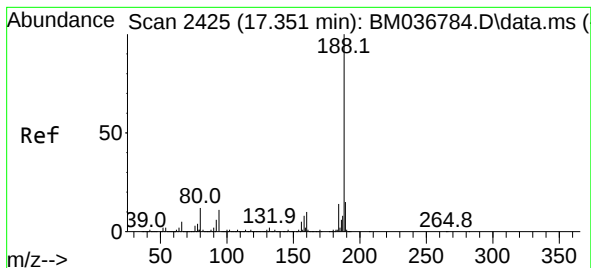
Tgt Ion:165 Resp: 441
Ion Ratio Lower Upper
165 100
63 118.9 42.6 63.8#
89 90.8 70.2 105.4
182 0.0 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.173 ng
RT: 15.680 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM036794.D
Acq: 28 Sep 2022 12:01

Tgt Ion:138 Resp: 132
Ion Ratio Lower Upper
138 100
92 104.8 34.5 74.5#
108 119.1 62.7 102.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM036794.D

Acq: 28 Sep 2022 12:01

Instrument :

BNA_M

ClientSampleId :

TWP-21RE

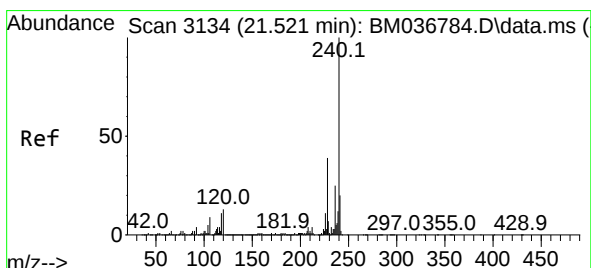
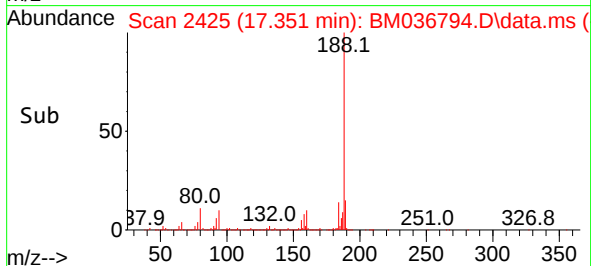
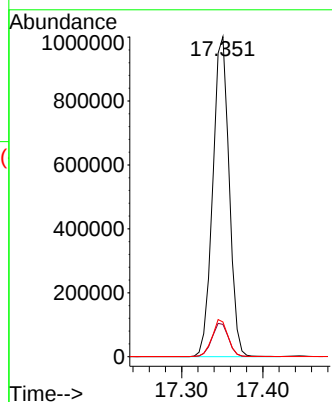
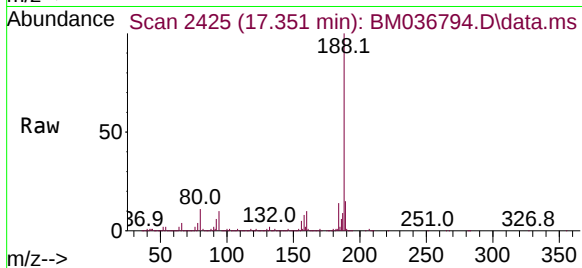
Tgt Ion:188 Resp: 1398507

Ion Ratio Lower Upper

188 100

94 10.1 8.9 13.3

80 10.8 10.0 15.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BM036794.D

Acq: 28 Sep 2022 12:01

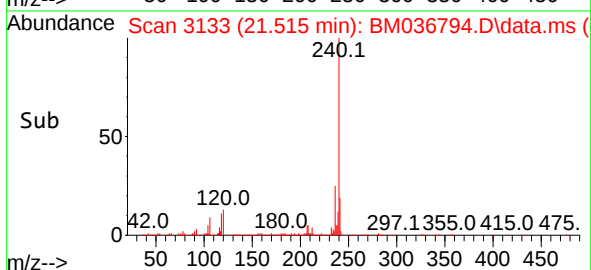
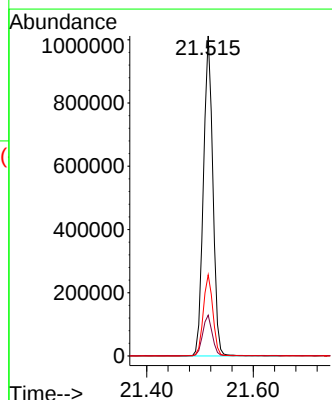
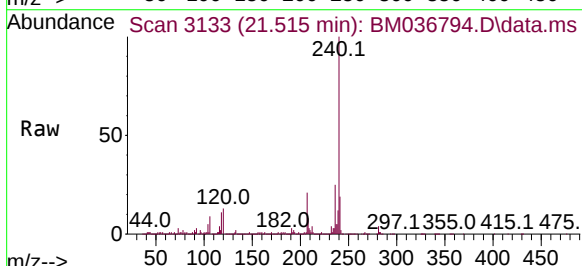
Tgt Ion:240 Resp: 1241975

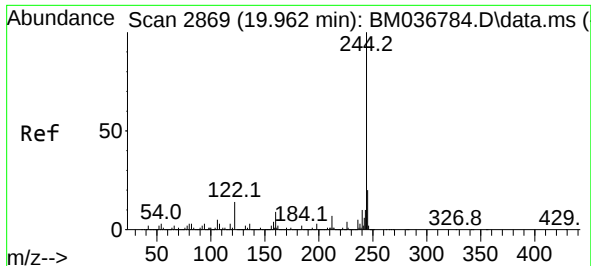
Ion Ratio Lower Upper

240 100

120 12.8 10.5 15.7

236 25.3 20.4 30.6

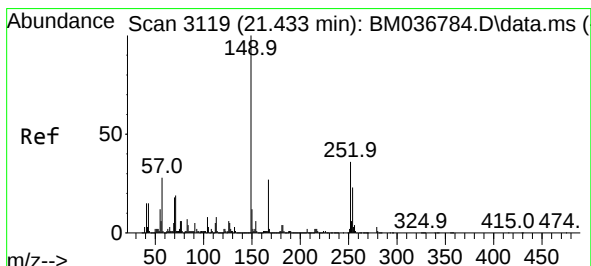
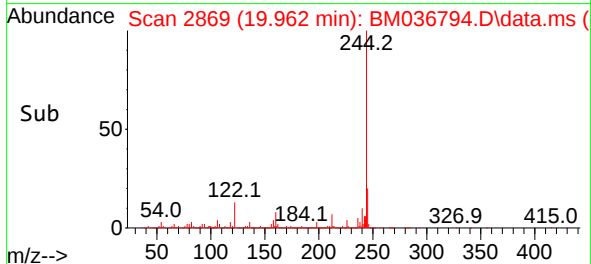
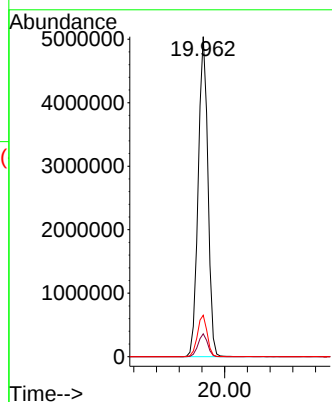
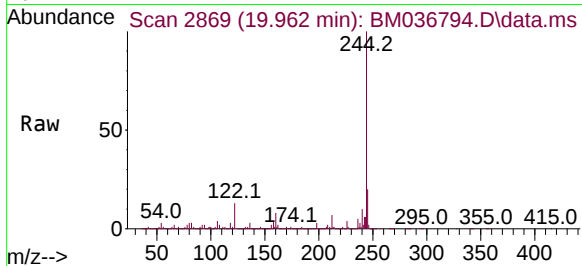




#79
 Terphenyl-d14
 Concen: 99.475 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036794.D
 Acq: 28 Sep 2022 12:01

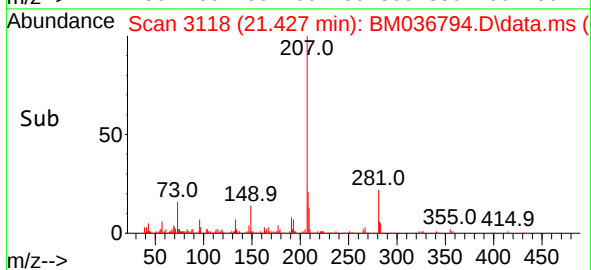
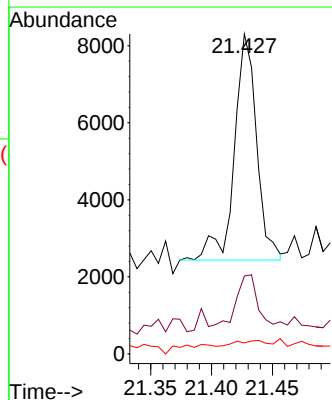
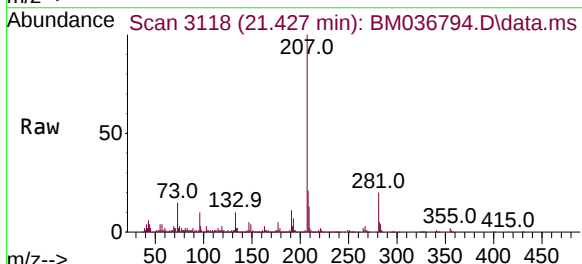
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 ClientSampleId :
 TWP-21RE

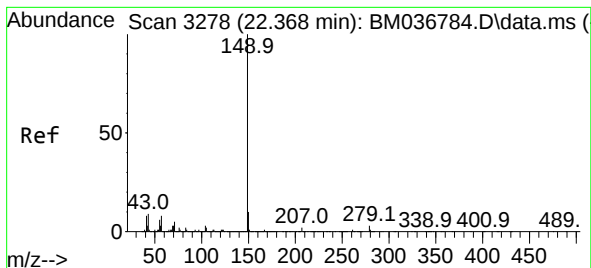
Tgt Ion:244 Resp: 6005996
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.0 10.9 16.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.637 ng
 RT: 21.427 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BM036794.D
 Acq: 28 Sep 2022 12:01

Tgt Ion:149 Resp: 7481
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.3 31.9
 279 3.4 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 5.261 ng

RT: 22.345 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM036794.D

Acq: 28 Sep 2022 12:01

Instrument :

BNA_M

ClientSampleId :

TWP-21RE

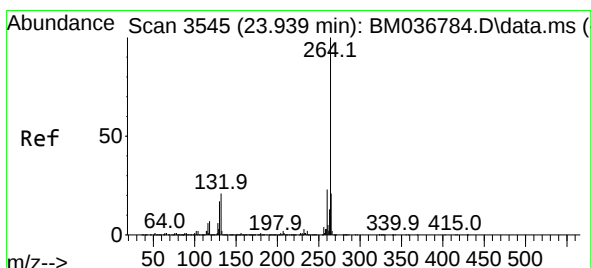
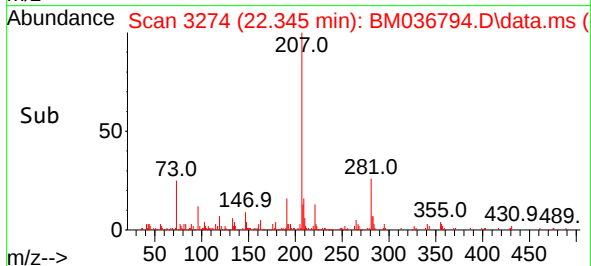
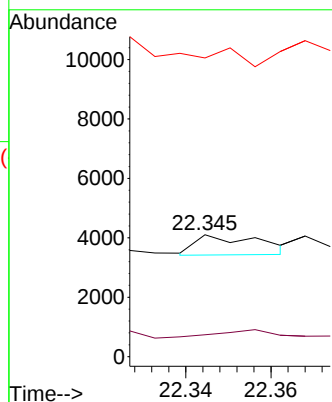
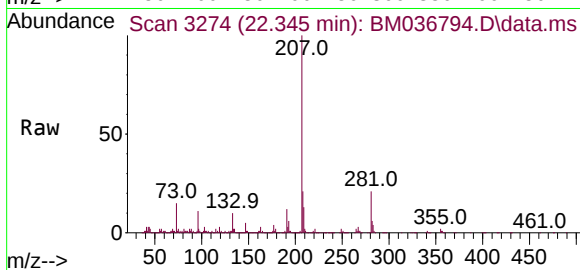
Tgt Ion:149 Resp: 701

Ion Ratio Lower Upper

149 100

167 47.8 1.2 1.8#

43 0.0 8.2 12.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.939 min Scan# 3545

Delta R.T. -0.000 min

Lab File: BM036794.D

Acq: 28 Sep 2022 12:01

Tgt Ion:264 Resp: 1253232

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.0 17.7 26.5

