

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092822\
 Data File : BM036793.D
 Acq On : 28 Sep 2022 11:24
 Operator : CG/JU
 Sample : N4742-08RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-14RE

Quant Time: Sep 28 13:01:55 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)

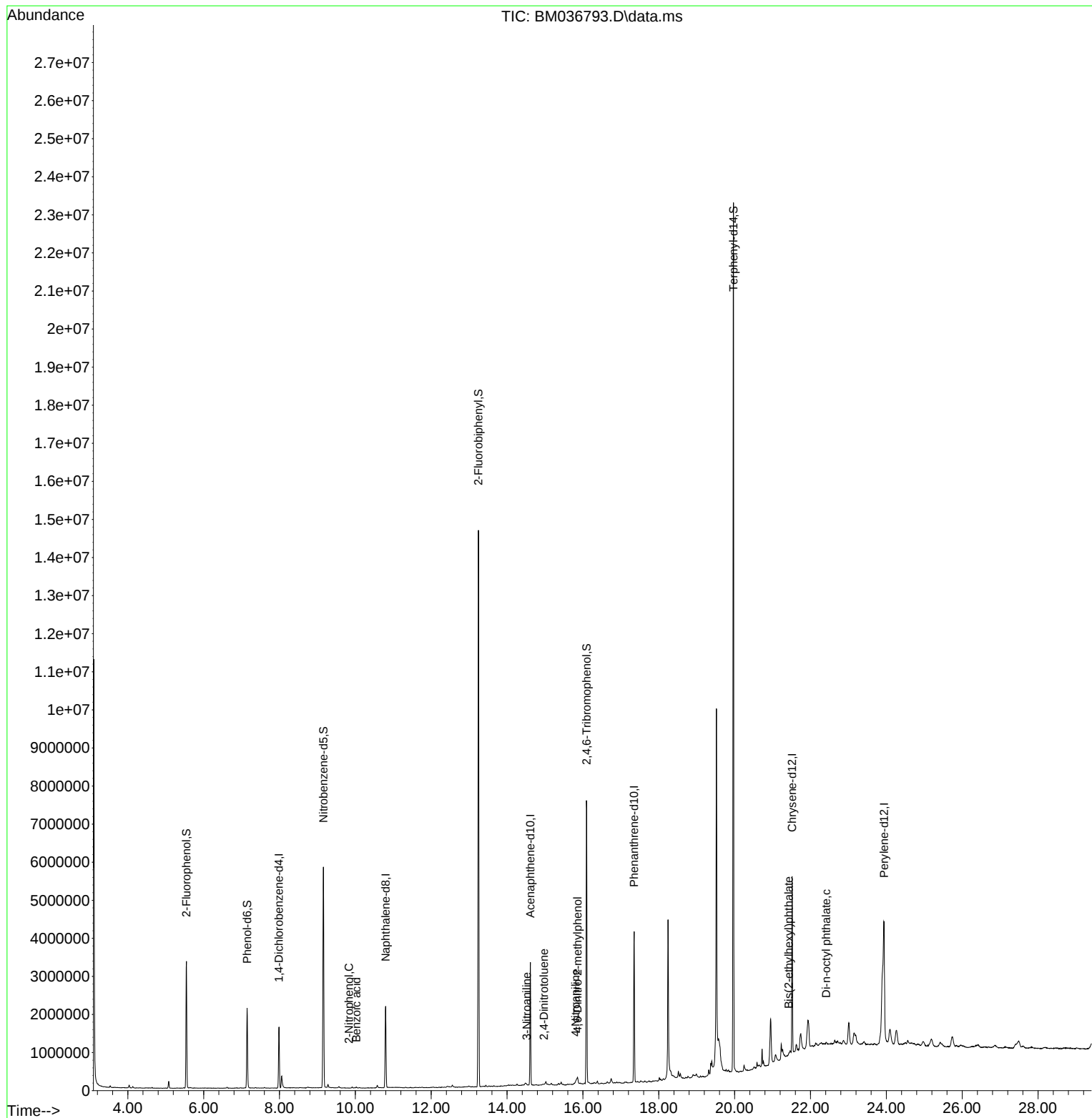
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	415348	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1709847	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	1061067	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	2233858	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2056733	20.000	ng	0.00
86) Perylene-d12	23.938	264	1698138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1420465	58.662	ng	0.00
7) Phenol-d6	7.145	99	1164021	35.061	ng	0.00
23) Nitrobenzene-d5	9.157	82	3304952	99.875	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1176691	133.364	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	6863414	92.843	ng	0.00
79) Terphenyl-d14	19.968	244	10519001	105.205	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.827	139	64	2.526	ng	# 1
32) Benzoic acid	10.027	122	10533	2.972	ng	94
53) 3-Nitroaniline	14.521	138	236	2.213	ng	# 76
57) 2,4-Dinitrotoluene	14.974	165	608	2.724	ng	# 51
62) 4-Nitroaniline	15.809	138	297	2.178	ng	89
65) 4,6-Dinitro-2-methylph...	15.857	198	55	5.501	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.427	149	20653	2.754	ng	# 100
85) Di-n-octyl phthalate	22.415	149	15952	5.383	ng	# 59

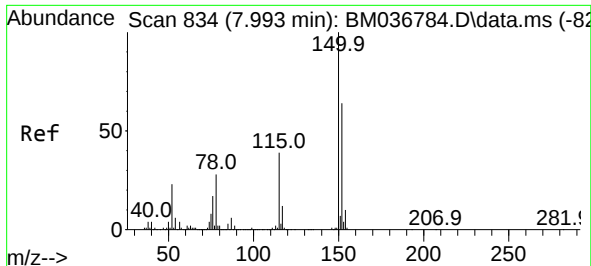
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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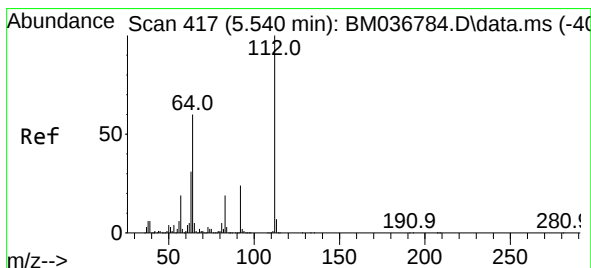
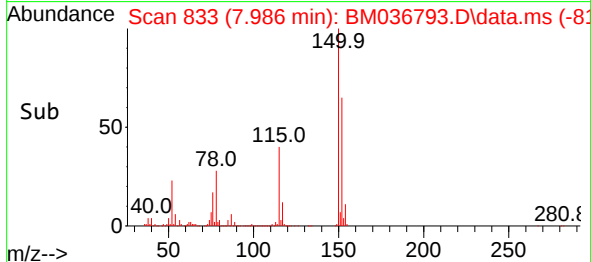
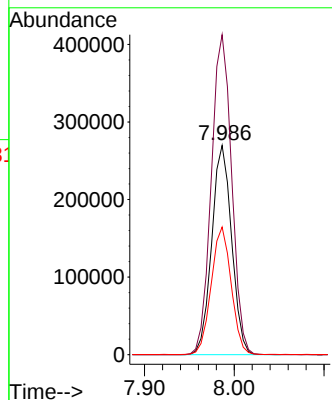
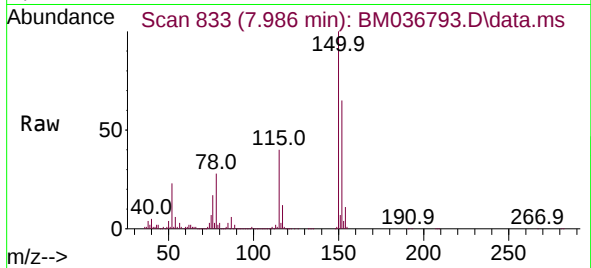




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.986 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

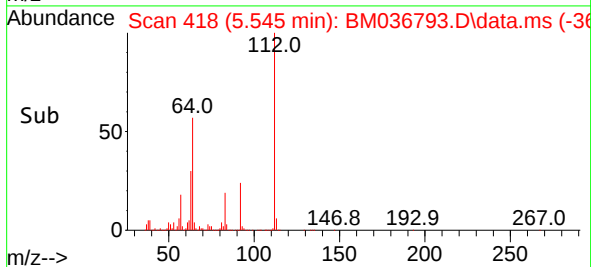
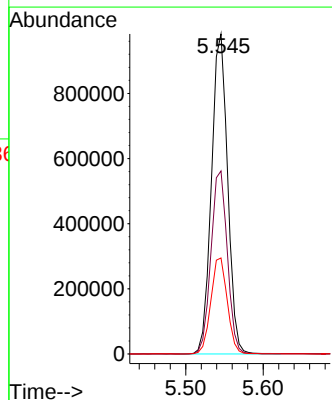
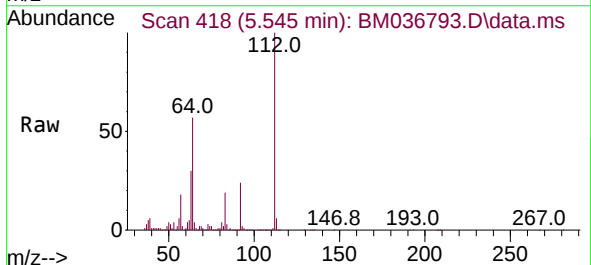
Instrument :
BNA_M
ClientSampleId :
TWP-14RE

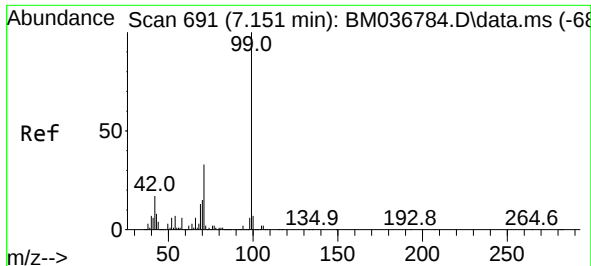
Tgt Ion:152 Resp: 415348
Ion Ratio Lower Upper
152 100
150 152.9 125.3 187.9
115 61.0 49.4 74.0



#5
2-Fluorophenol
Concen: 58.662 ng
RT: 5.545 min Scan# 418
Delta R.T. 0.006 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

Tgt Ion:112 Resp: 1420465
Ion Ratio Lower Upper
112 100
64 57.2 47.8 71.8
63 30.0 25.0 37.6

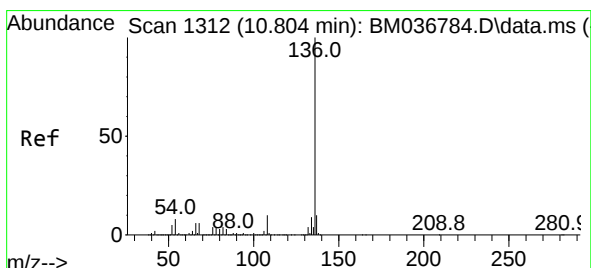
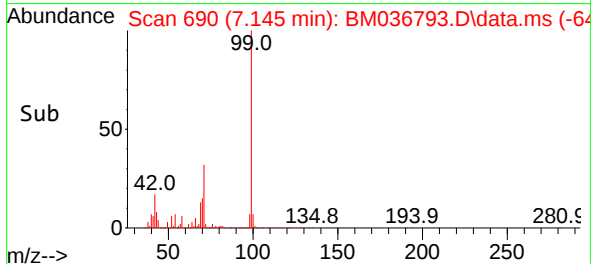
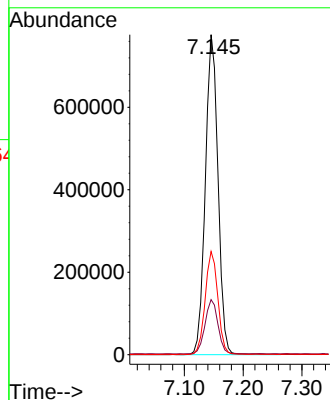
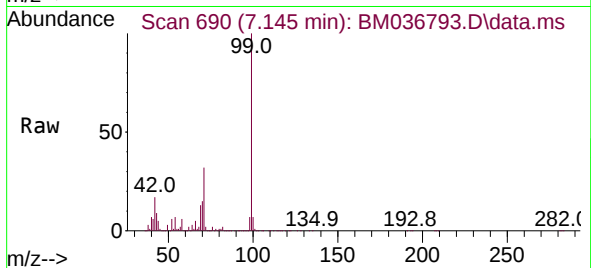




#7
Phenol-d6
Concen: 35.061 ng
RT: 7.145 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

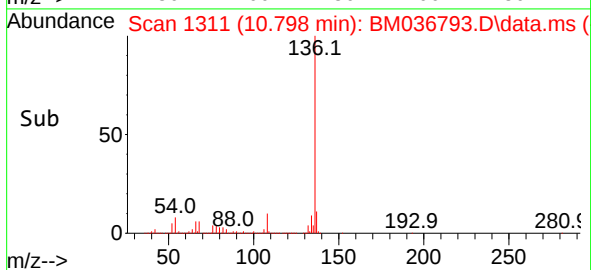
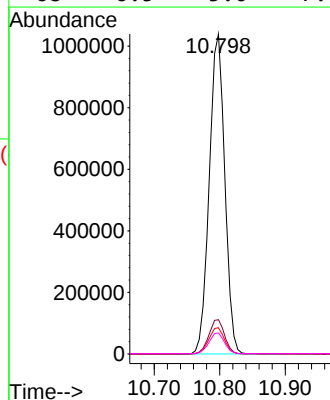
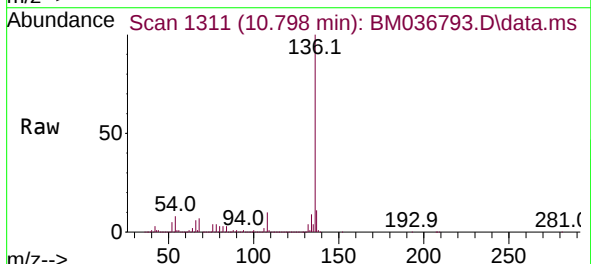
Instrument :
BNA_M
ClientSampleId :
TWP-14RE

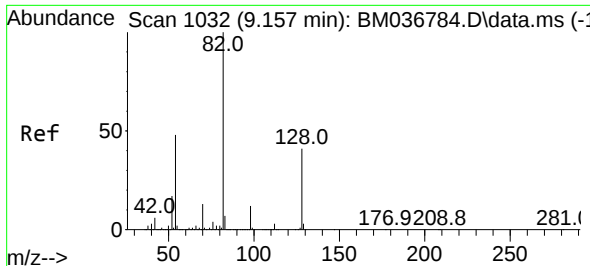
Tgt Ion: 99 Resp: 1164021
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 32.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

Tgt Ion:136 Resp: 1709847
Ion Ratio Lower Upper
136 100
137 10.7 8.3 12.5
54 8.2 6.5 9.7
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 99.875 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM036793.D

Acq: 28 Sep 2022 11:24

Instrument :

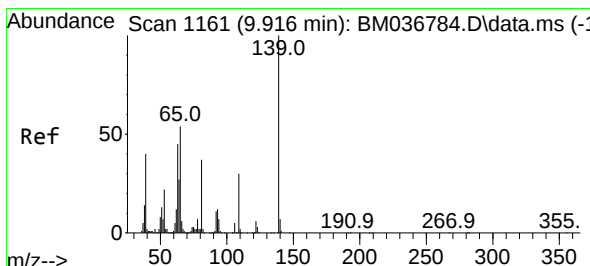
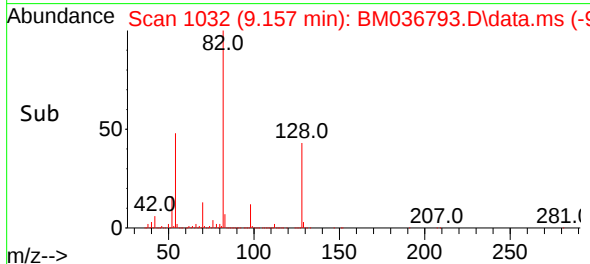
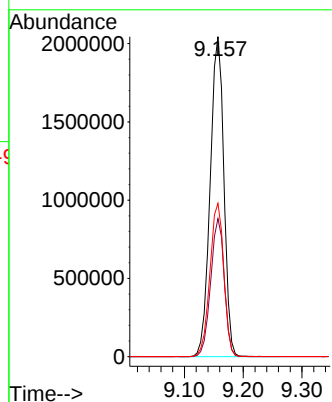
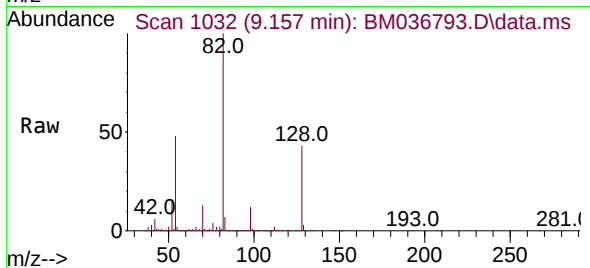
BNA_M

ClientSampleId :

TWP-14RE

Tgt Ion: 82 Resp: 3304952

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	47.9	38.4	57.6



#26

2-Nitrophenol

Concen: 2.526 ng

RT: 9.827 min Scan# 1146

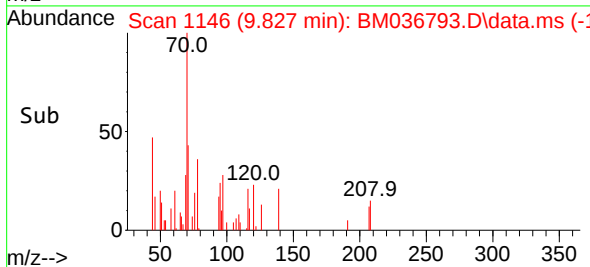
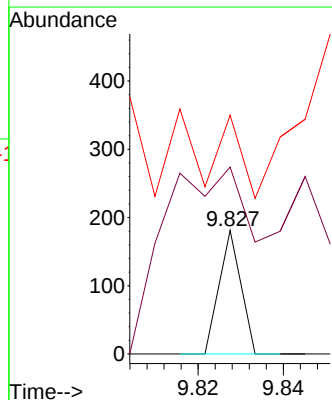
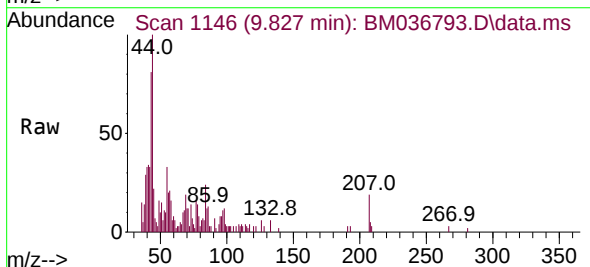
Delta R.T. -0.089 min

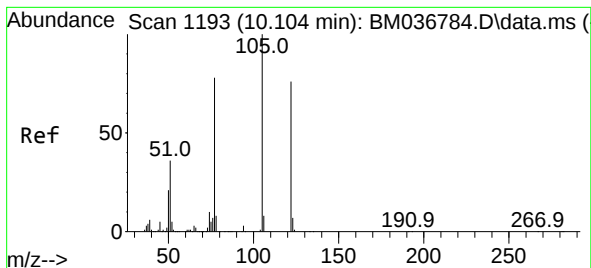
Lab File: BM036793.D

Acq: 28 Sep 2022 11:24

Tgt Ion:139 Resp: 64

Ion	Ratio	Lower	Upper
139	100		
109	151.4	24.0	36.0#
65	193.4	43.5	65.3#





#32

Benzoic acid

Concen: 2.972 ng

RT: 10.027 min Scan# 1193

Delta R.T. -0.077 min

Lab File: BM036793.D

Acq: 28 Sep 2022 11:24

Instrument :

BNA_M

ClientSampleId :

TWP-14RE

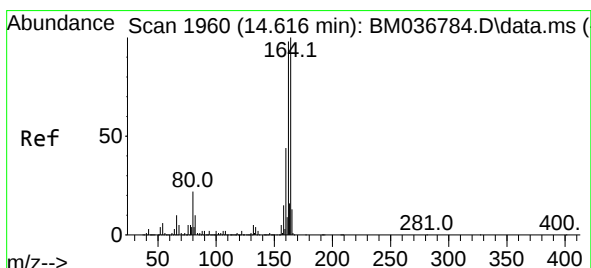
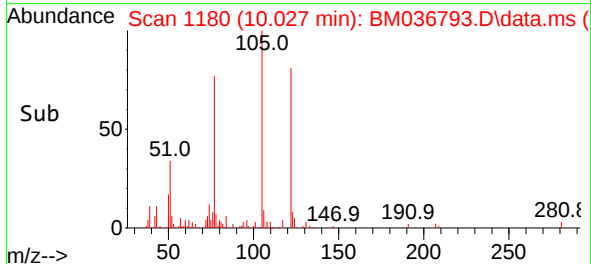
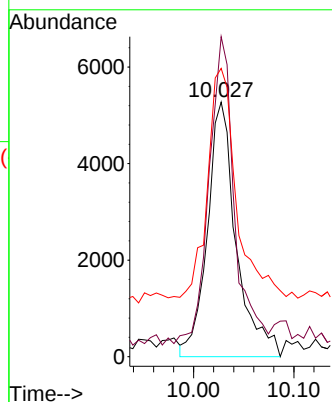
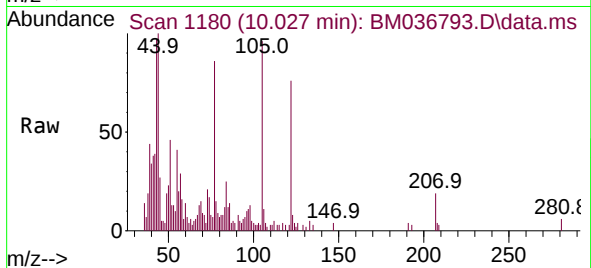
Tgt Ion:122 Resp: 10533

Ion Ratio Lower Upper

122 100

105 125.7 105.8 145.8

77 113.3 79.9 119.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.615 min Scan# 1960

Delta R.T. -0.001 min

Lab File: BM036793.D

Acq: 28 Sep 2022 11:24

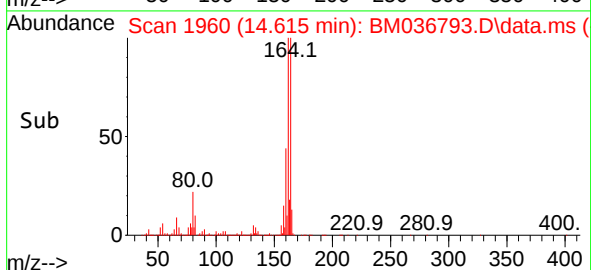
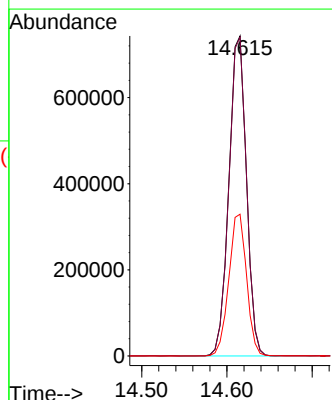
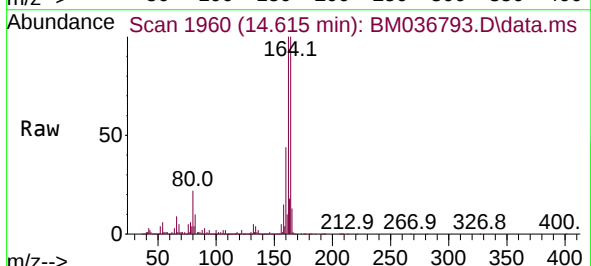
Tgt Ion:164 Resp: 1061067

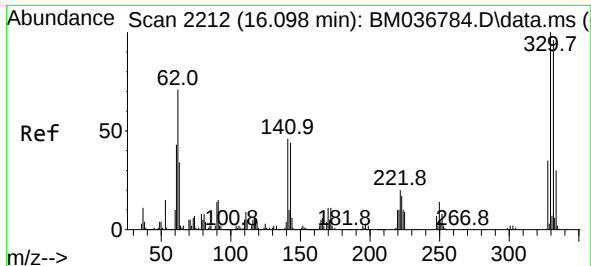
Ion Ratio Lower Upper

164 100

162 99.6 78.3 117.5

160 44.3 35.0 52.4

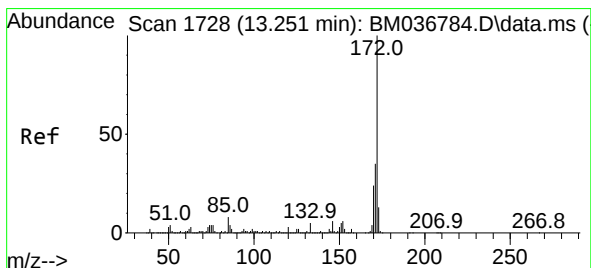
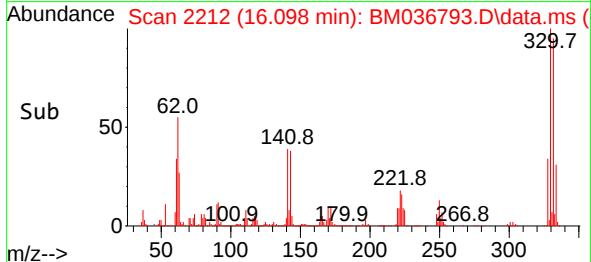
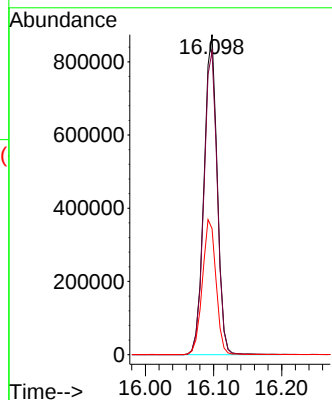
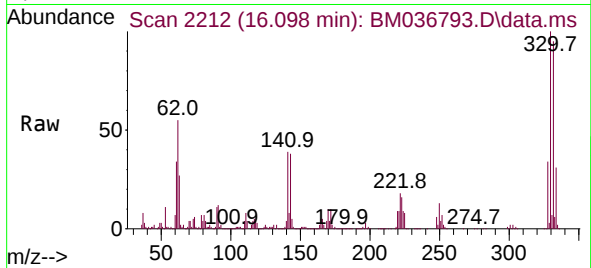




#42
2,4,6-Tribromophenol
Concen: 133.364 ng
RT: 16.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

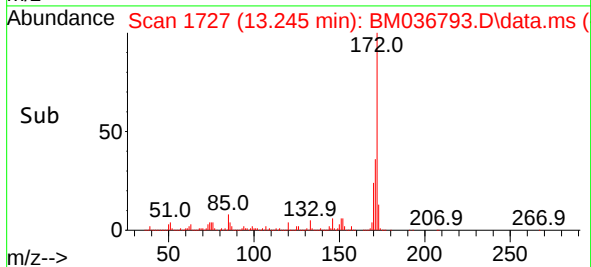
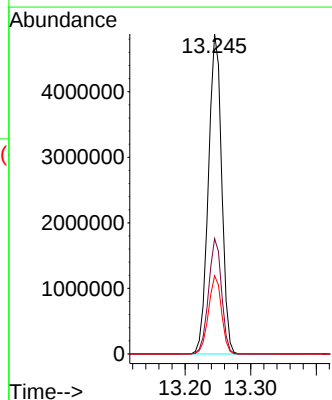
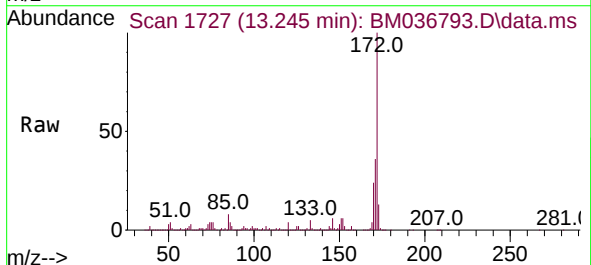
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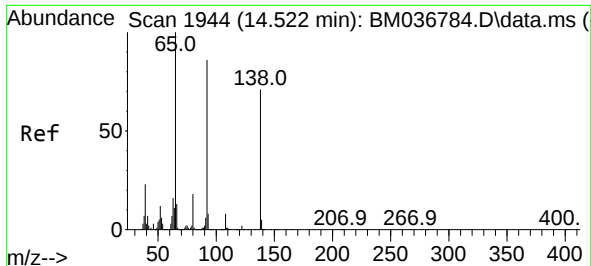
Tgt Ion:330 Resp: 1176691
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 43.5 36.9 55.3



#45
2-Fluorobiphenyl
Concen: 92.843 ng
RT: 13.245 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

Tgt Ion:172 Resp: 6863414
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 24.4 19.0 28.4

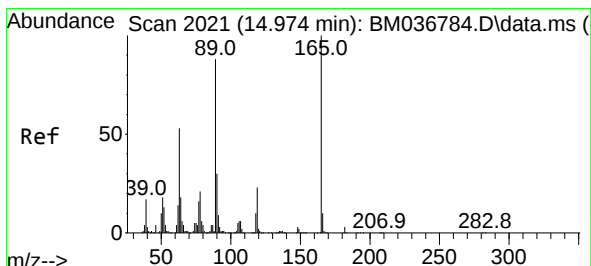
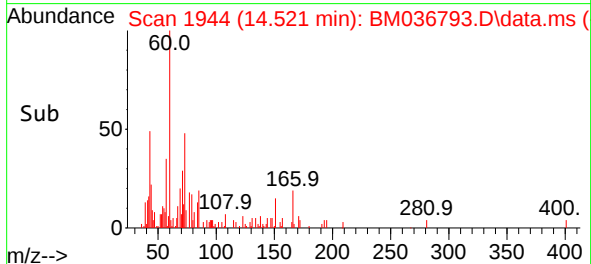
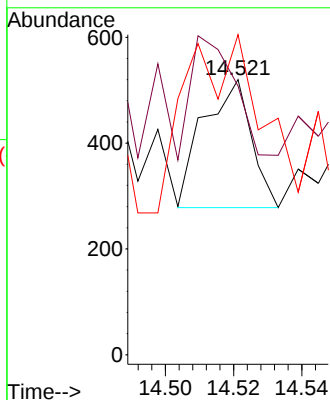
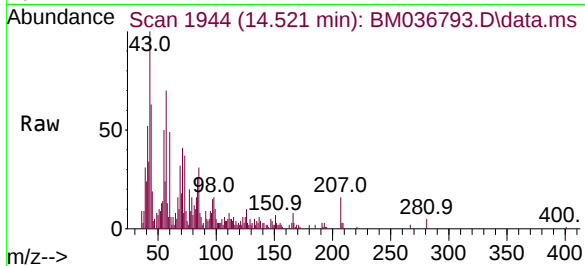




#53
3-Nitroaniline
Concen: 2.213 ng
RT: 14.521 min Scan# 1944
Delta R.T. -0.001 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

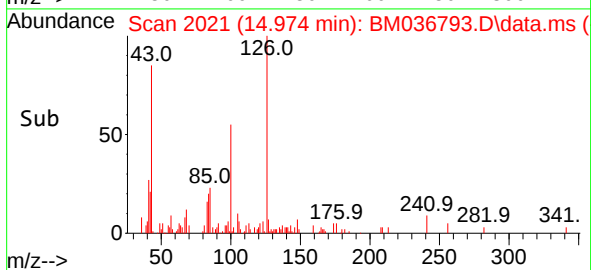
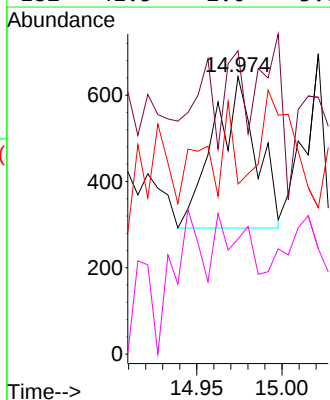
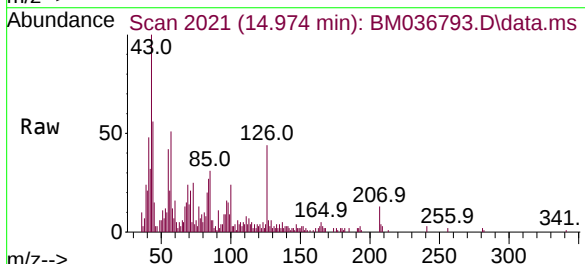
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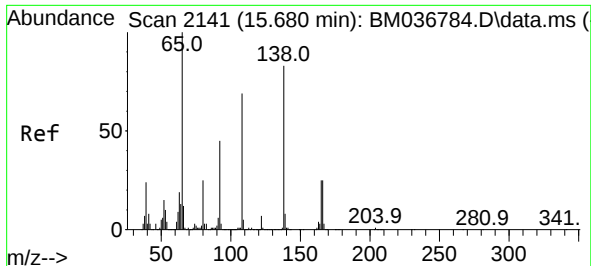
Tgt Ion:138 Resp: 236
Ion Ratio Lower Upper
138 100
108 97.7 8.7 13.1#
92 116.3 97.9 146.9



#57
2,4-Dinitrotoluene
Concen: 2.724 ng
RT: 14.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

Tgt Ion:165 Resp: 608
Ion Ratio Lower Upper
165 100
63 109.3 42.6 63.8#
89 61.3 70.2 105.4#
182 41.5 2.0 3.0#

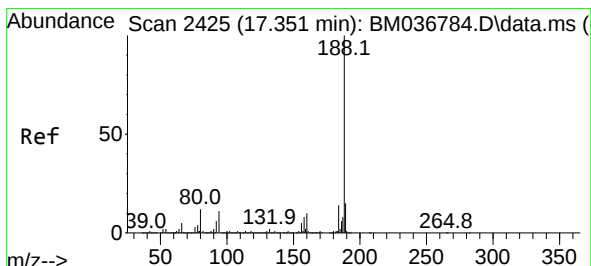
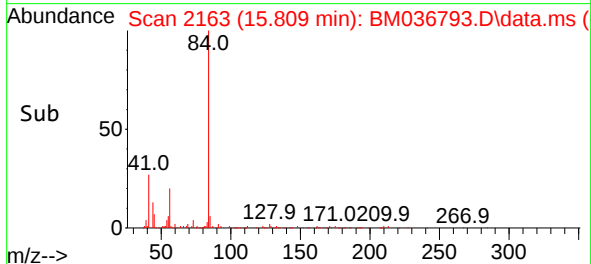
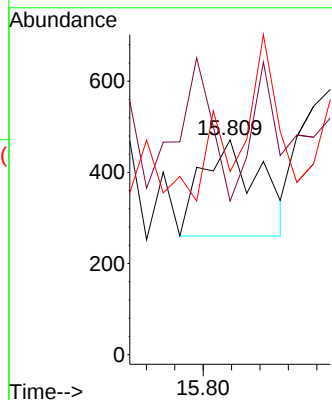
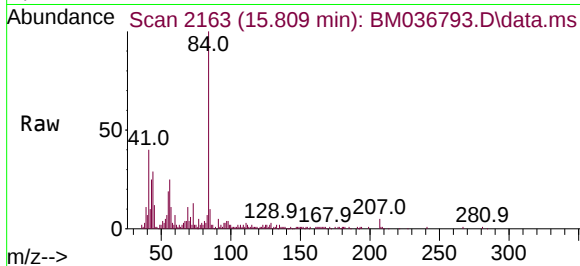




#62
4-Nitroaniline
Concen: 2.178 ng
RT: 15.809 min Scan# 2141
Delta R.T. 0.129 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

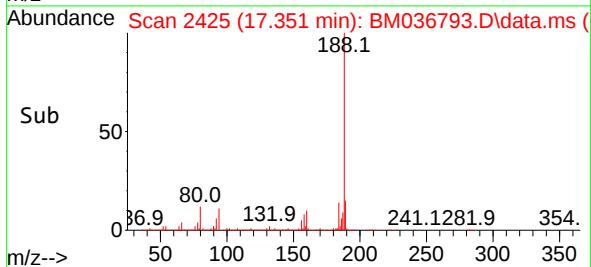
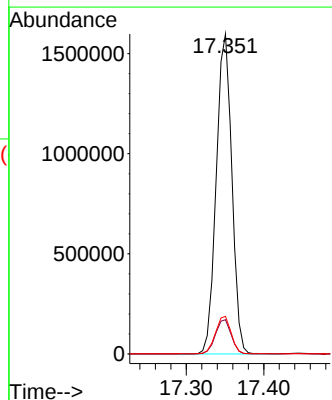
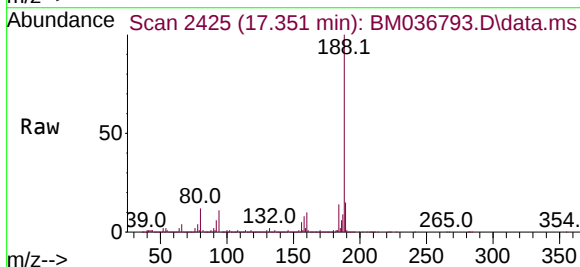
Instrument :
BNA_M
ClientSampleId :
TWP-14RE

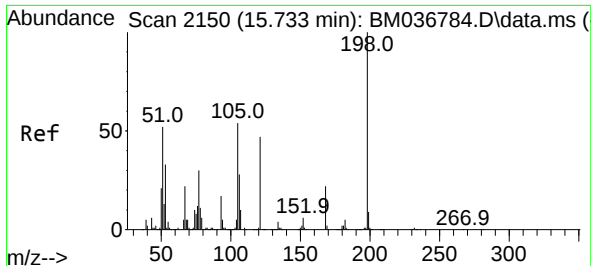
Tgt Ion:138 Resp: 297
Ion Ratio Lower Upper
138 100
92 71.5 34.5 74.5
108 85.4 62.7 102.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

Tgt Ion:188 Resp: 2233858
Ion Ratio Lower Upper
188 100
94 10.7 8.9 13.3
80 11.8 10.0 15.0

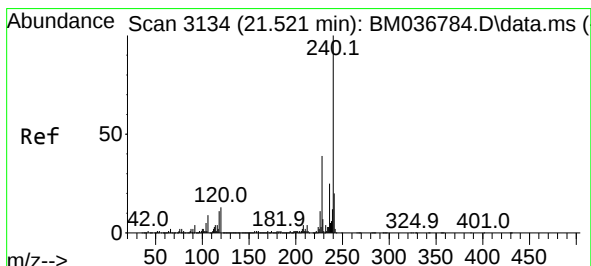
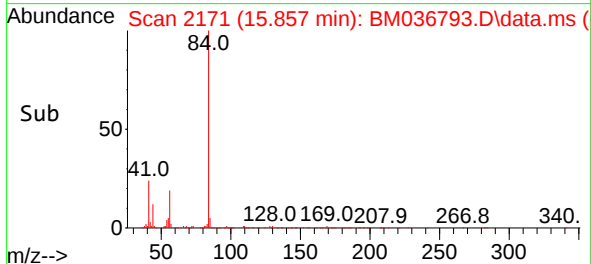
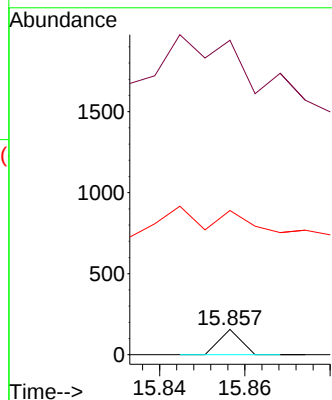
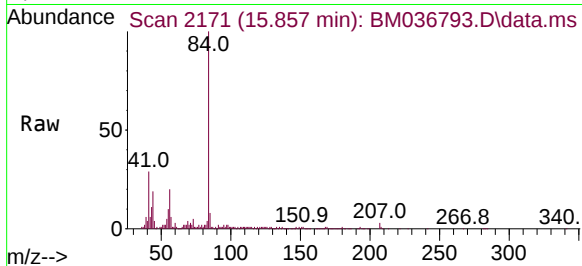




#65
4,6-Dinitro-2-methylphenol
Concen: 5.501 ng
RT: 15.857 min Scan# 2150
Delta R.T. 0.123 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

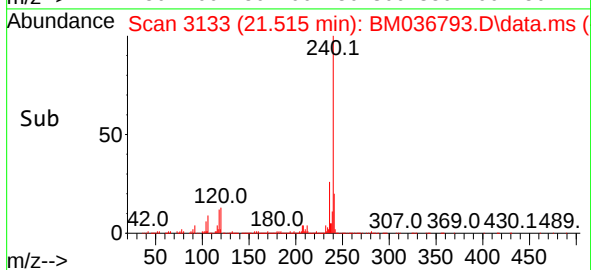
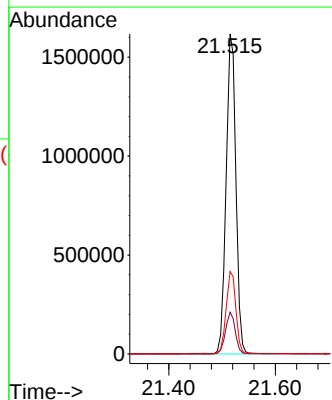
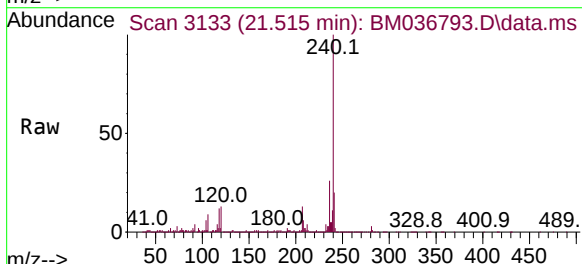
Instrument :
BNA_M
ClientSampleId :
TWP-14RE

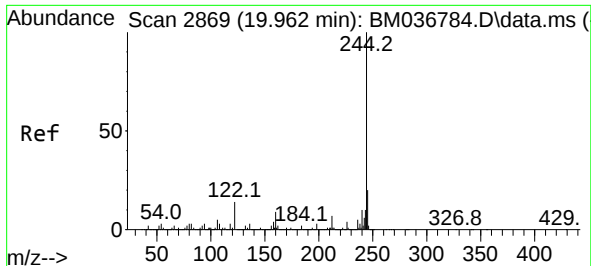
Tgt Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 1243.6 37.0 77.0#
105 570.5 34.8 74.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

Tgt Ion:240 Resp: 2056733
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 25.7 20.4 30.6

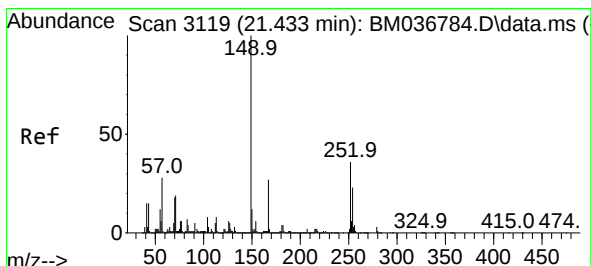
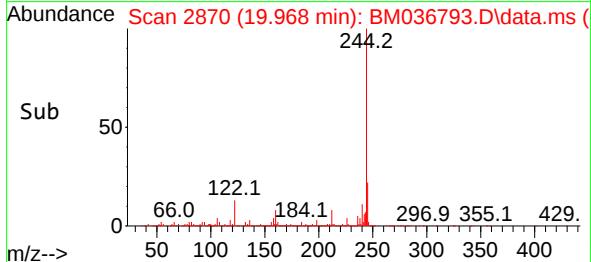
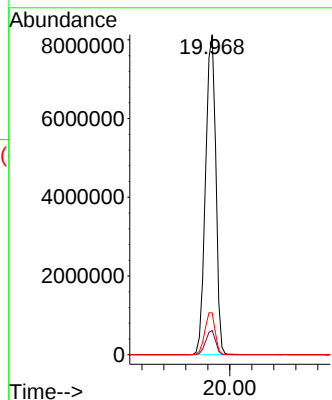
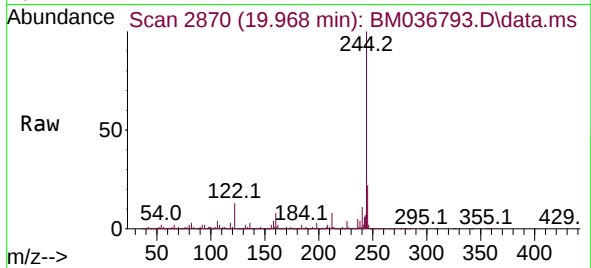




#79
 Terphenyl-d14
 Concen: 105.205 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM036793.D
 Acq: 28 Sep 2022 11:24

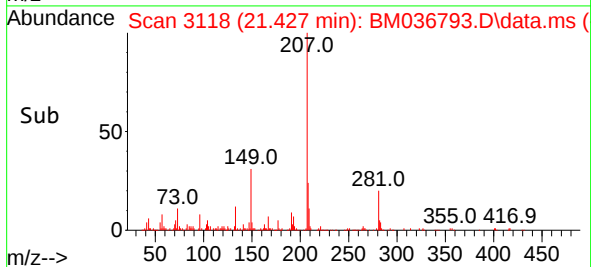
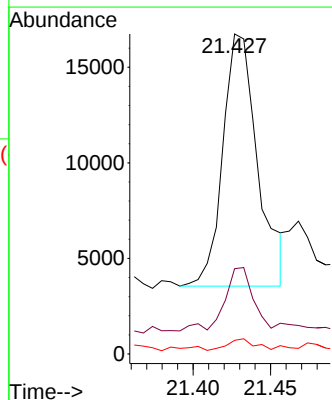
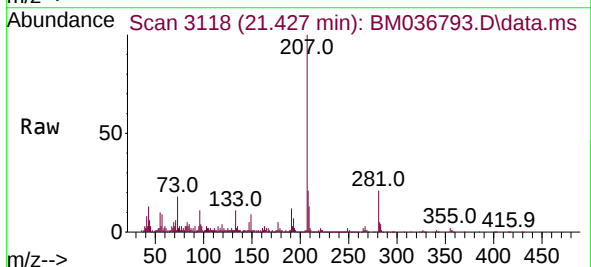
Instrument :
 BNA_M
 ClientSampleId :
 TWP-14RE

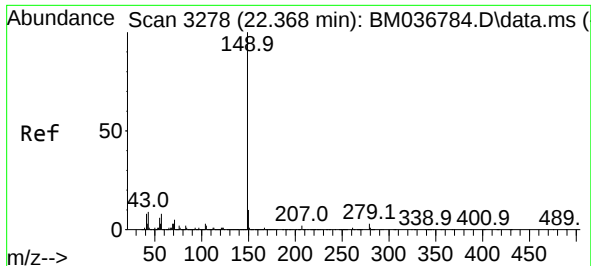
Tgt Ion:244 Resp:10519001
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 13.1 10.9 16.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.754 ng
 RT: 21.427 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BM036793.D
 Acq: 28 Sep 2022 11:24

Tgt Ion:149 Resp: 20653
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 4.2 2.6 4.0#

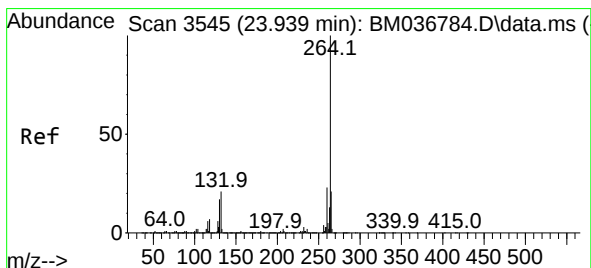
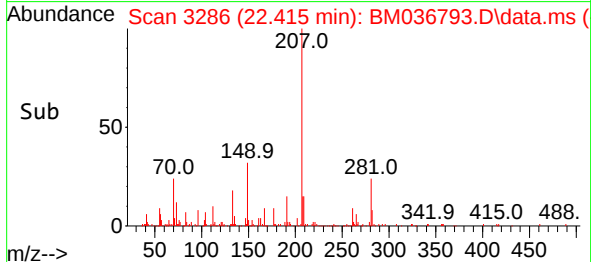
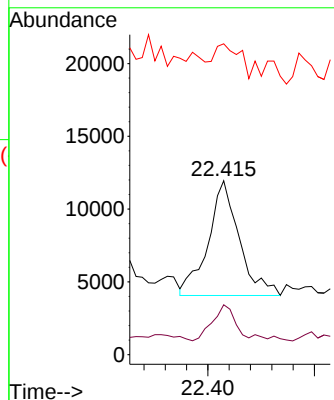
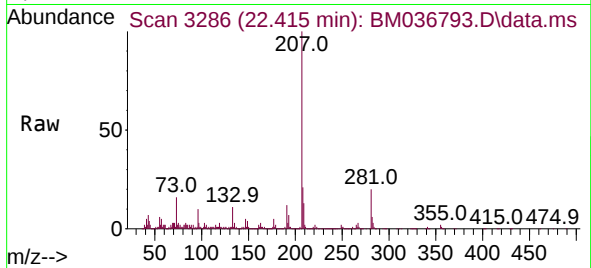




#85
Di-n-octyl phthalate
Concen: 5.383 ng
RT: 22.415 min Scan# 31
Delta R.T. 0.047 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

Instrument :
BNA_M
ClientSampleId :
TWP-14RE

Tgt Ion:149 Resp: 15952
Ion Ratio Lower Upper
149 100
167 22.7 1.2 1.8#
43 24.8 8.2 12.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.938 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BM036793.D
Acq: 28 Sep 2022 11:24

Tgt Ion:264 Resp: 1698138
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 22.3 17.7 26.5

