

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011666.D
 Acq On : 09 Sep 2022 16:47
 Operator : CG/JU
 Sample : N4539-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MBD-WC-S-MP-1-0-46

Quant Time: Sep 10 00:53:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 00:48:09 2022
 Response via : Initial Calibration

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

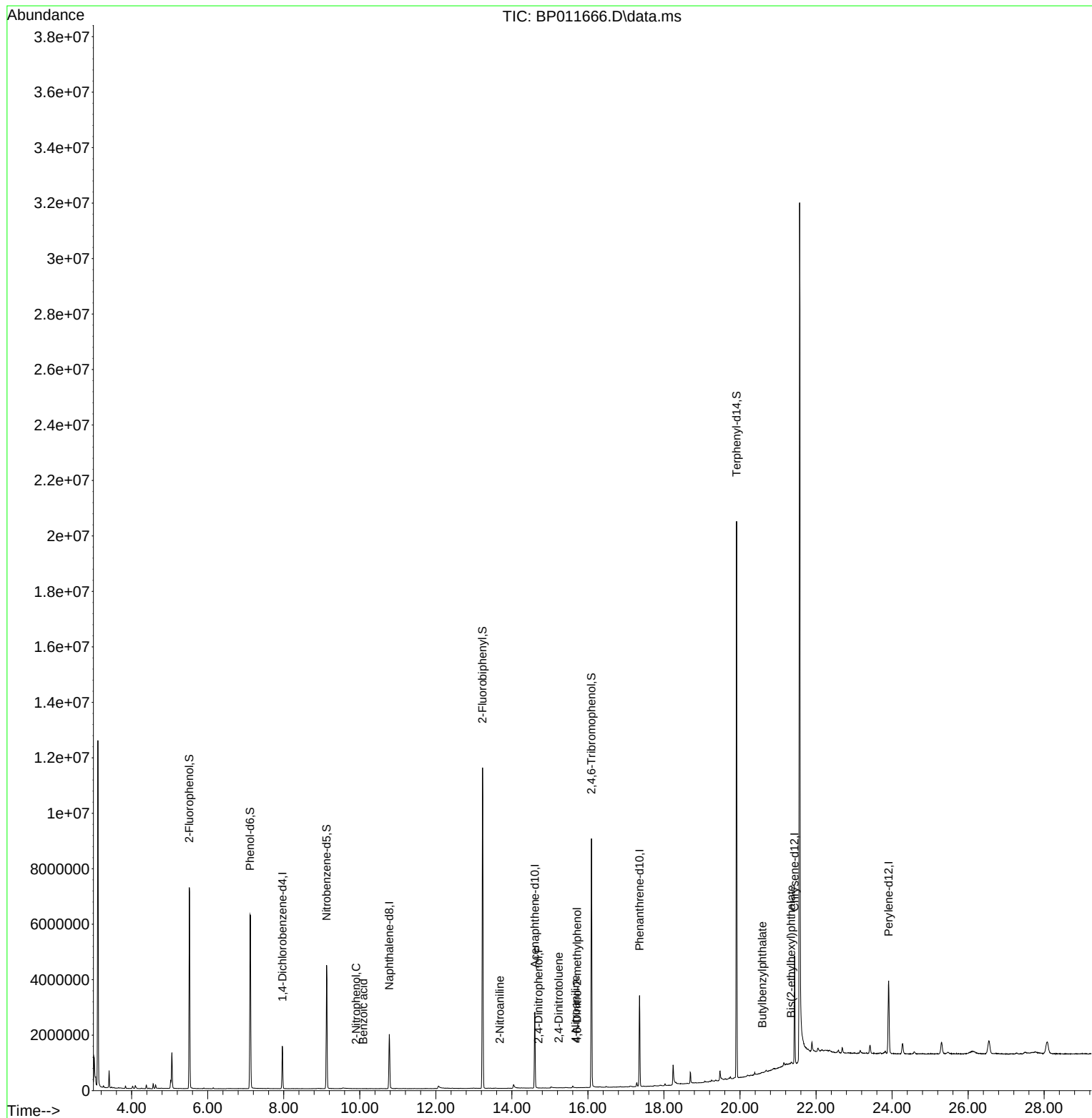
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	438355	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1703047	20.000	ng	# 0.00
39) Acenaphthene-d10	14.604	164	967688	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1997085	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1904597	20.000	ng	0.00
86) Perylene-d12	23.910	264	2041557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	3465853	139.834	ng	0.00
7) Phenol-d6	7.116	99	4040207	123.191	ng	0.00
23) Nitrobenzene-d5	9.128	82	2520030	90.831	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1828109	167.205	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6228248	92.038	ng	0.00
79) Terphenyl-d14	19.910	244	9505317	104.530	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.905	139	36	4.892	ng	# 1
32) Benzoic acid	10.087	122	104	8.604	ng	# 1
48) 2-Nitroaniline	13.681	65	252	3.418	ng	# 44
54) 2,4-Dinitrophenol	14.698	184	30	6.457	ng	# 1
57) 2,4-Dinitrotoluene	15.234	165	114	3.649	ng	90
62) 4-Nitroaniline	15.675	138	478	2.671	ng	# 71
65) 4,6-Dinitro-2-methylph...	15.716	198	63	7.895	ng	# 1
80) Butylbenzylphthalate	20.586	149	2533	3.758	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.345	149	12322	2.052	ng	94

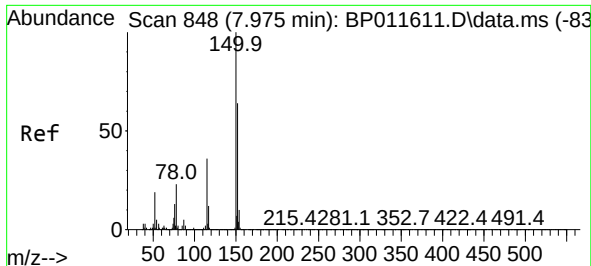
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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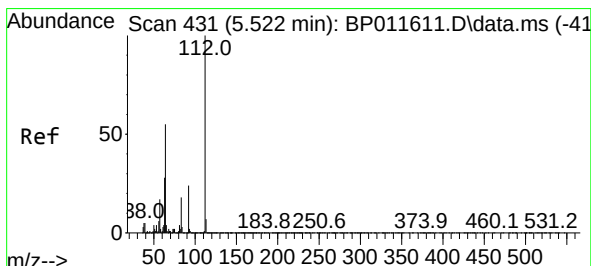
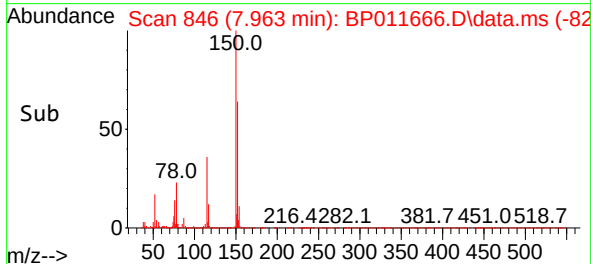
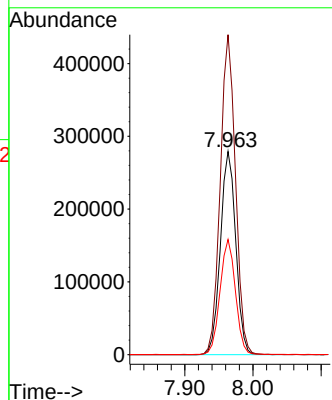
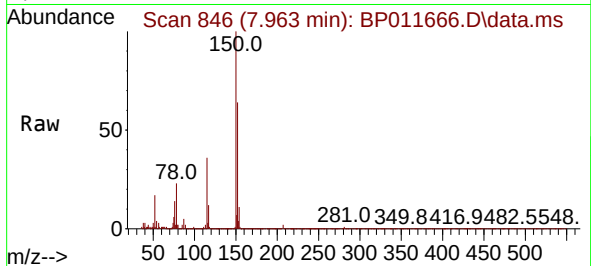




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.963 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BP011666.D
 Acq: 09 Sep 2022 16:47

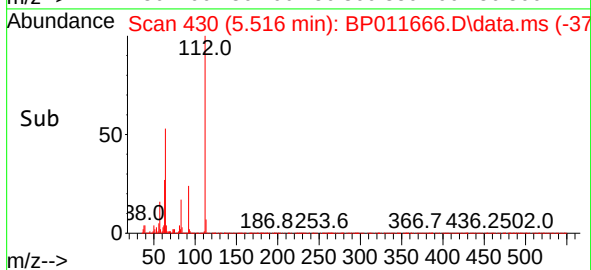
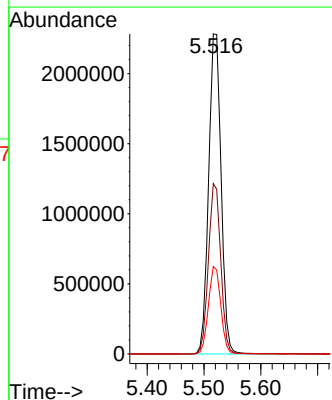
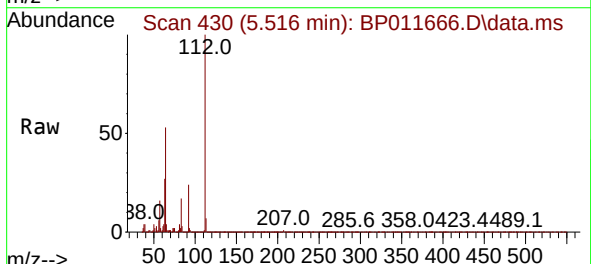
Instrument :
 BNA_P
 ClientSampleId :
 MBD-WC-S-MP-1-0-46

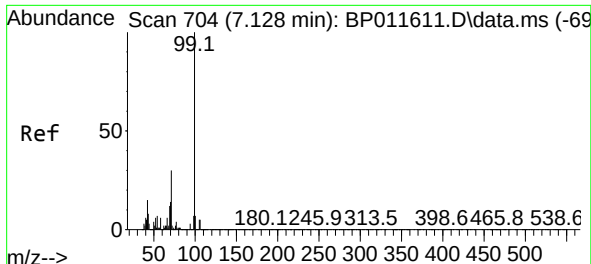
Tgt Ion:152 Resp: 438355
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.4 185.2
 115 56.7 51.3 76.9



#5
 2-Fluorophenol
 Concen: 139.834 ng
 RT: 5.516 min Scan# 430
 Delta R.T. -0.000 min
 Lab File: BP011666.D
 Acq: 09 Sep 2022 16:47

Tgt Ion:112 Resp: 3465853
 Ion Ratio Lower Upper
 112 100
 64 53.3 56.9 85.3#
 63 27.3 31.2 46.8#

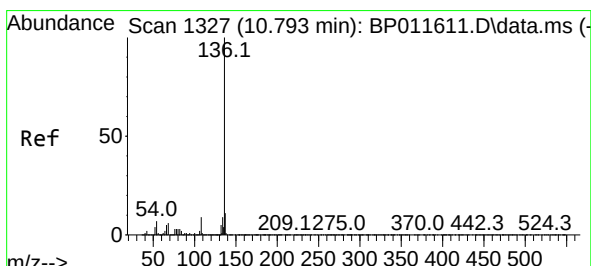
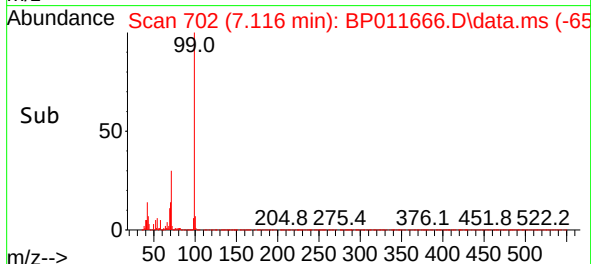
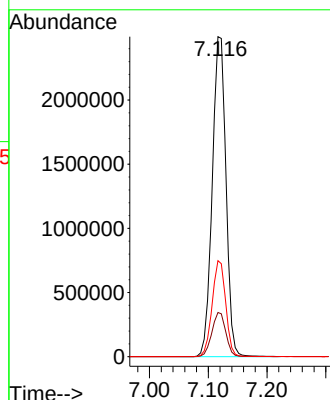
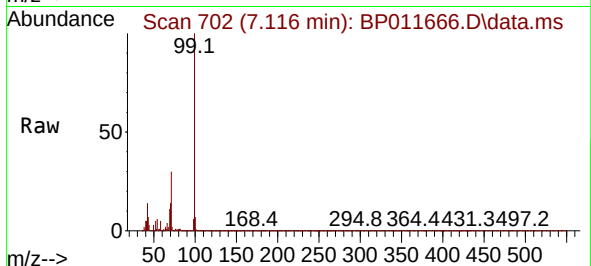




#7
Phenol-d6
Concen: 123.191 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

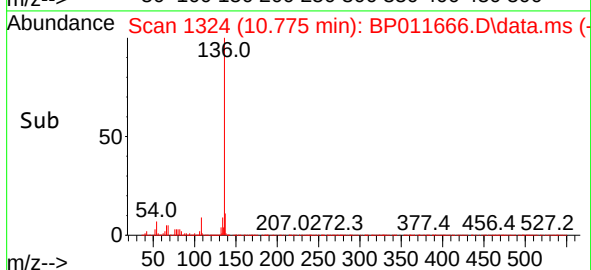
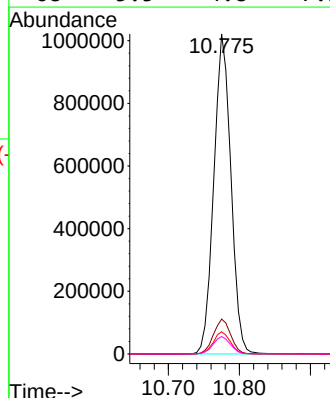
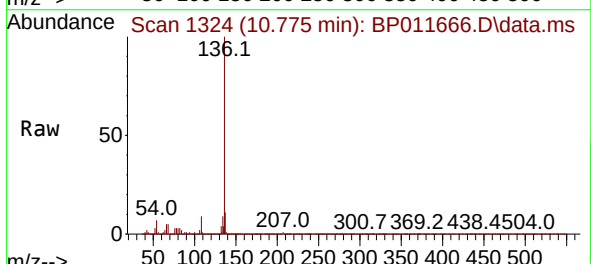
Instrument :
BNA_P
ClientSampleId :
MBD-WC-S-MP-1-0-46

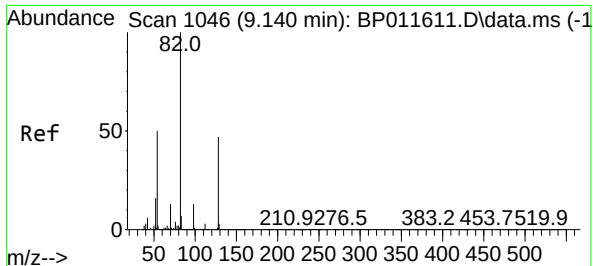
Tgt Ion: 99 Resp: 4040207
Ion Ratio Lower Upper
99 100
42 13.8 20.3 30.5#
71 30.0 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

Tgt Ion:136 Resp: 1703047
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.0 8.7 13.1#
68 5.5 4.8 7.2

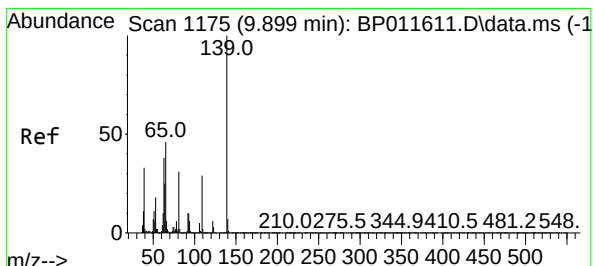
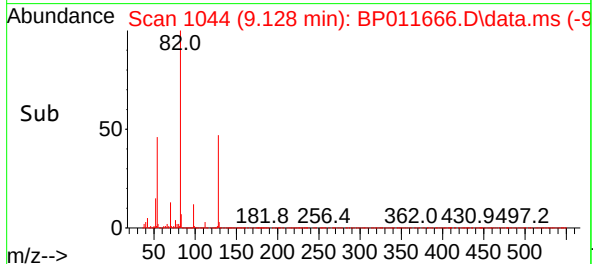
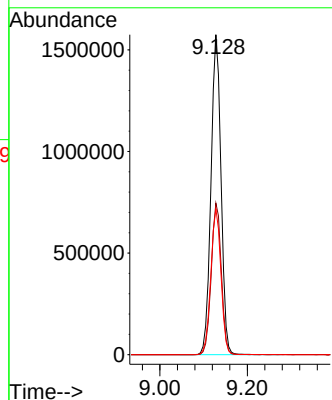
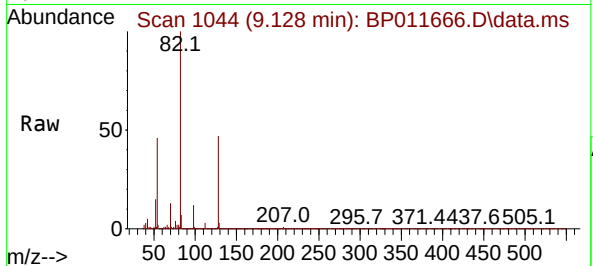




#23
Nitrobenzene-d5
Concen: 90.831 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

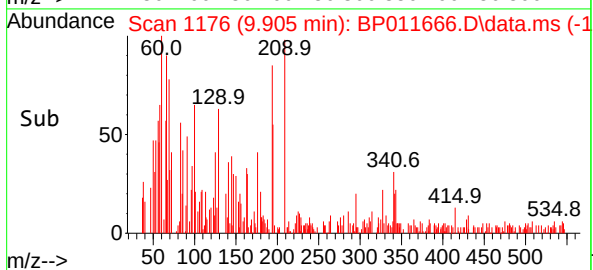
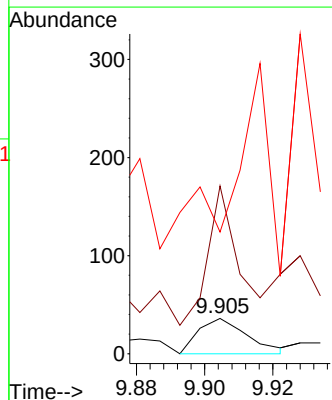
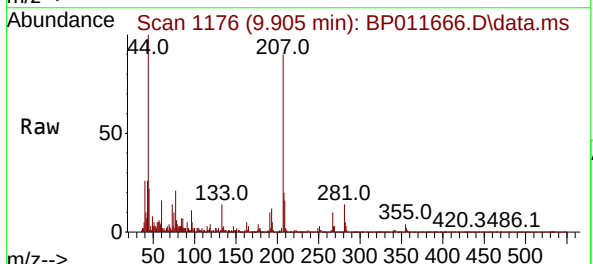
Instrument :
BNA_P
ClientSampleId :
MBD-WC-S-MP-1-0-46

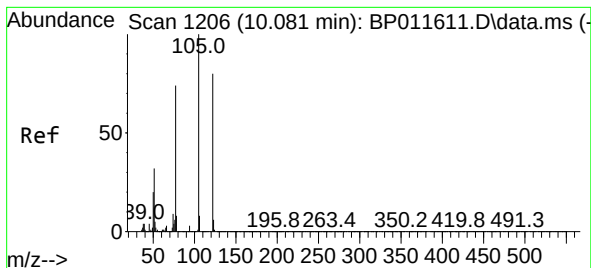
Tgt Ion: 82 Resp: 2520030
Ion Ratio Lower Upper
82 100
128 47.4 31.3 46.9#
54 45.6 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.892 ng
RT: 9.905 min Scan# 1176
Delta R.T. 0.018 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

Tgt Ion:139 Resp: 36
Ion Ratio Lower Upper
139 100
109 475.0 30.2 45.4#
65 344.4 52.2 78.2#





#32

Benzoic acid

Concen: 8.604 ng

RT: 10.087 min Scan# 11

Delta R.T. 0.023 min

Lab File: BP011666.D

Acq: 09 Sep 2022 16:47

Instrument :

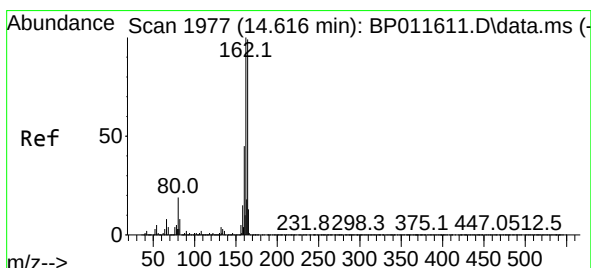
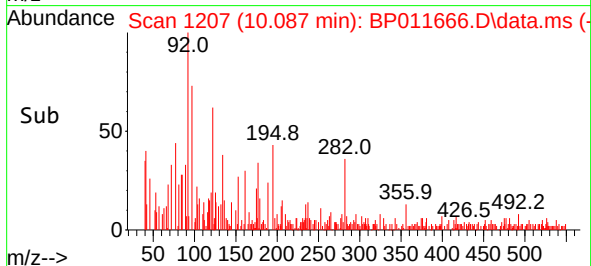
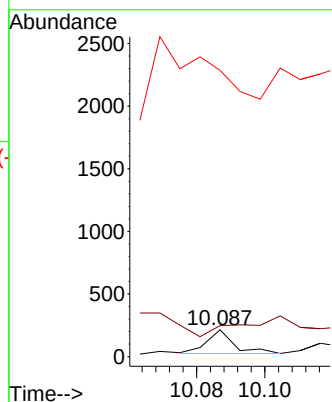
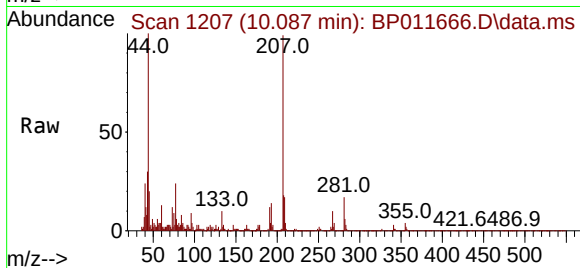
BNA_P

ClientSampleId :

MBD-WC-S-MP-1-0-46

Tgt Ion:122 Resp: 104

Ion	Ratio	Lower	Upper
122	100		
105	115.4	112.6	152.6
77	1068.7	90.2	130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1975

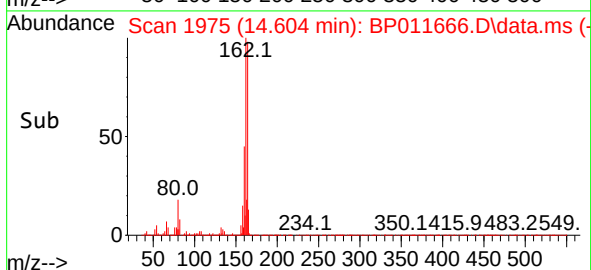
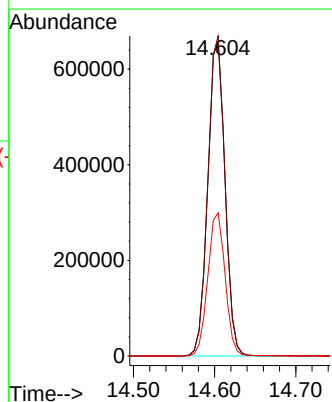
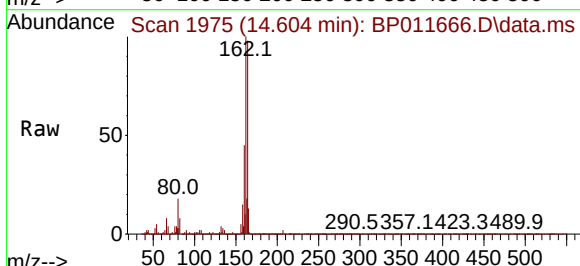
Delta R.T. -0.000 min

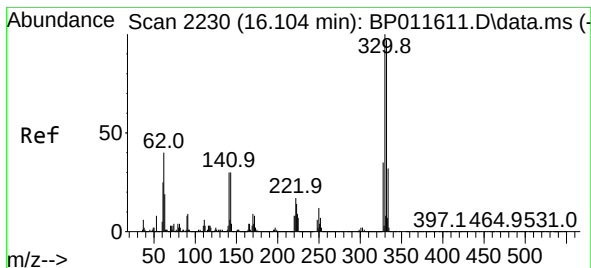
Lab File: BP011666.D

Acq: 09 Sep 2022 16:47

Tgt Ion:164 Resp: 967688

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.9	122.9
160	45.5	34.6	51.8





#42

2,4,6-Tribromophenol

Concen: 167.205 ng

RT: 16.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011666.D

Acq: 09 Sep 2022 16:47

Instrument :

BNA_P

ClientSampleId :

MBD-WC-S-MP-1-0-46

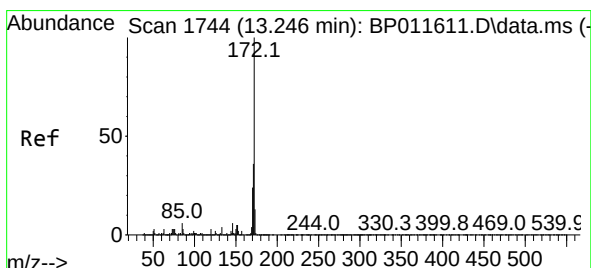
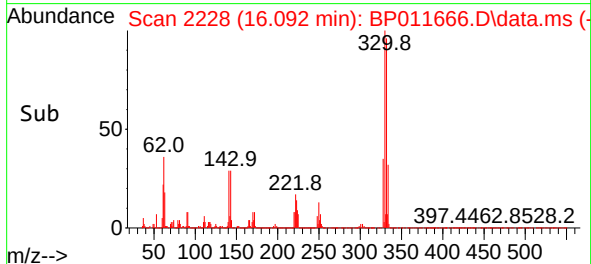
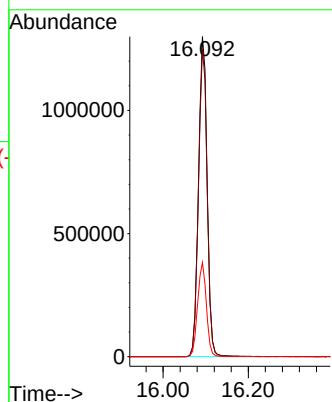
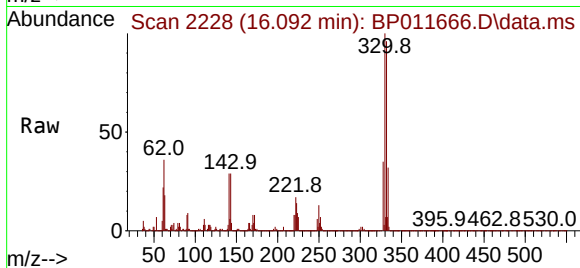
Tgt Ion:330 Resp: 1828109

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 29.8 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 92.038 ng

RT: 13.228 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP011666.D

Acq: 09 Sep 2022 16:47

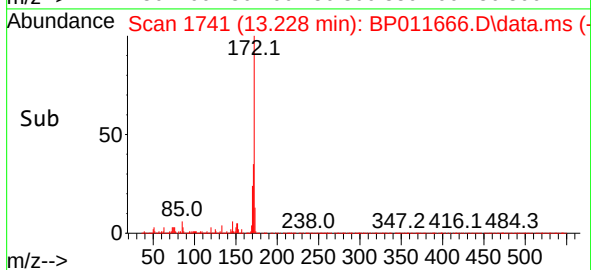
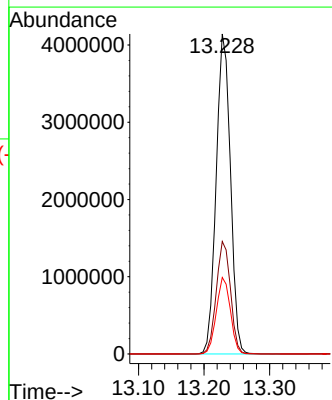
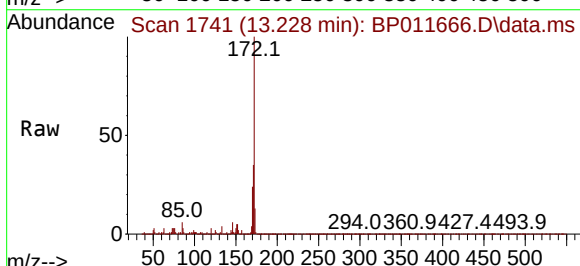
Tgt Ion:172 Resp: 6228248

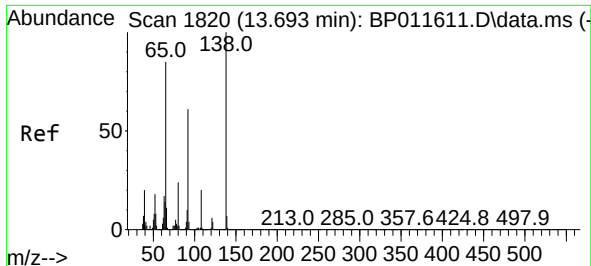
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.9 18.2 27.2

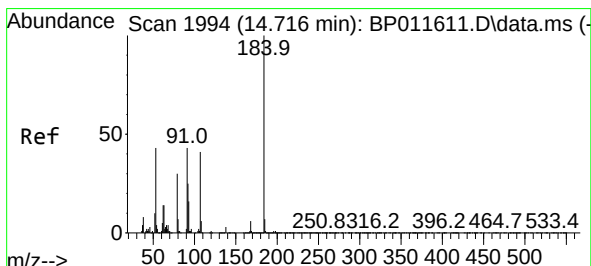
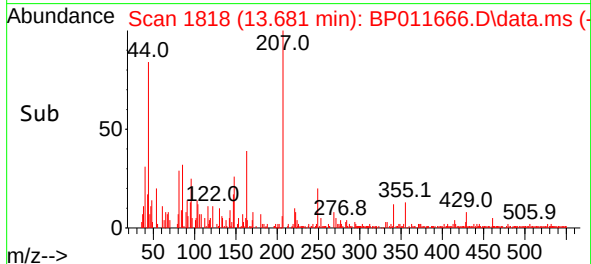
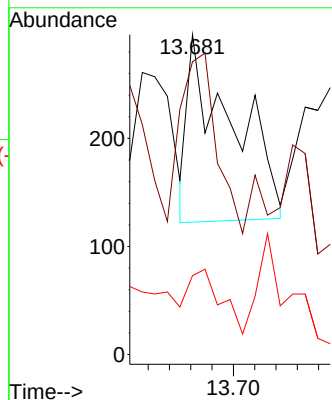
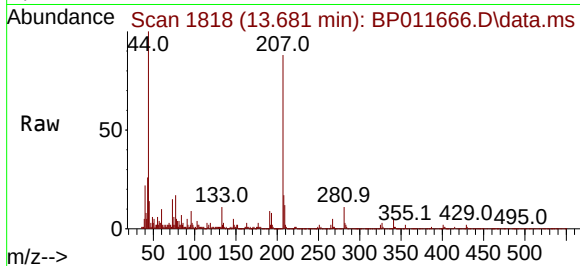




#48
2-Nitroaniline
Concen: 3.418 ng
RT: 13.681 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

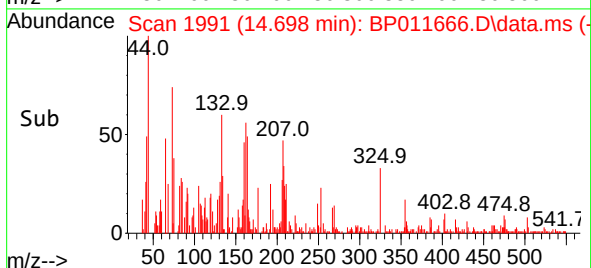
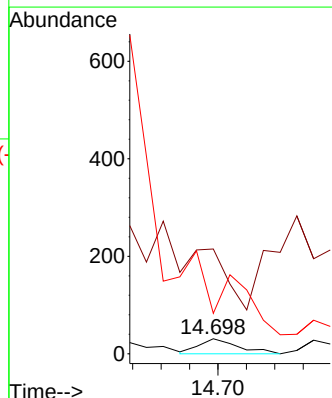
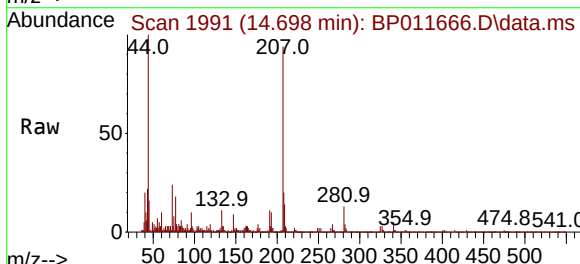
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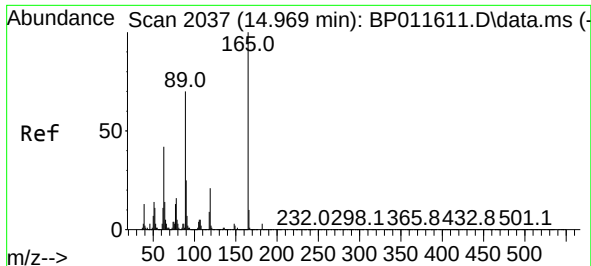
Tgt Ion: 65 Resp: 252
Ion Ratio Lower Upper
65 100
92 91.6 50.0 75.0#
138 24.7 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.457 ng
RT: 14.698 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

Tgt Ion: 184 Resp: 30
Ion Ratio Lower Upper
184 100
63 693.5 65.4 98.2#
154 267.7 55.4 83.2#

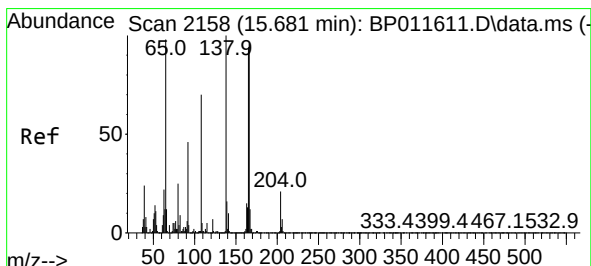
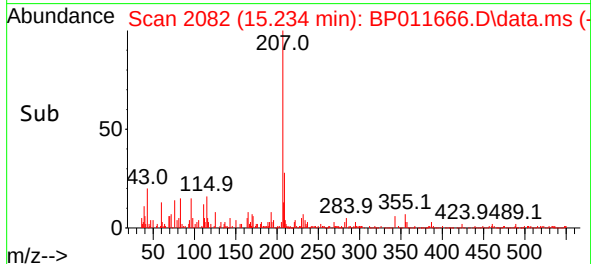
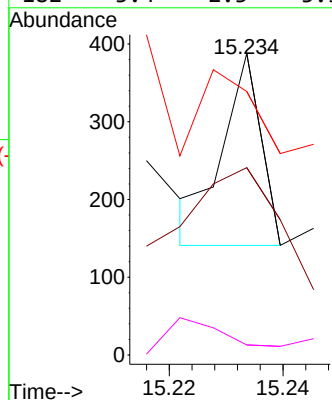
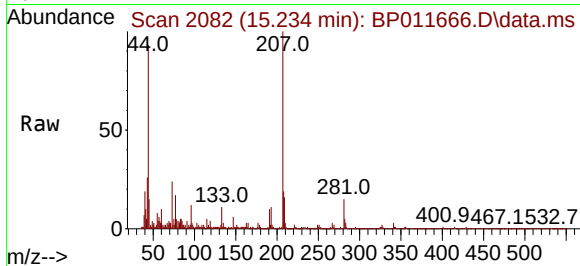




#57
2,4-Dinitrotoluene
Concen: 3.649 ng
RT: 15.234 min Scan# 2037
Delta R.T. 0.270 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

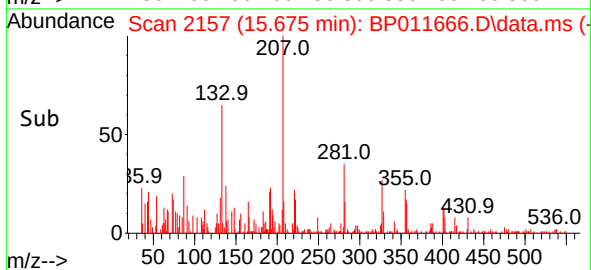
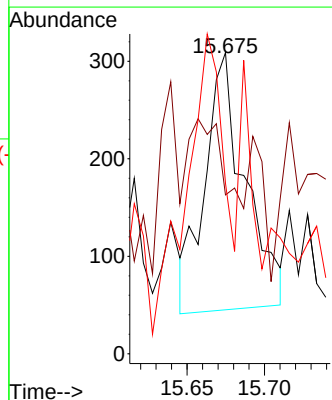
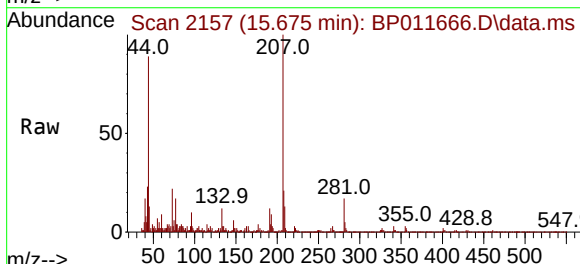
Instrument :
BNA_P
ClientSampleId :
MBD-WC-S-MP-1-0-46

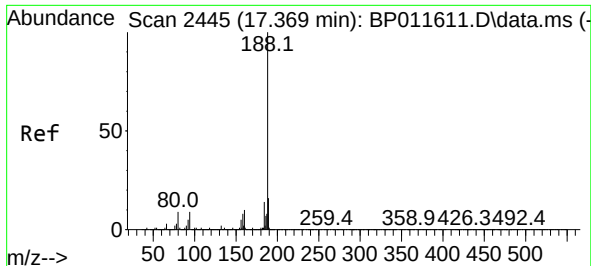
Tgt Ion:165	Resp:	114
Ion Ratio	Lower	Upper
165	100	
63	62.1	46.2 69.2
89	93.8	65.8 98.8
182	3.4	2.3 3.5



#62
4-Nitroaniline
Concen: 2.671 ng
RT: 15.675 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

Tgt Ion:138	Resp:	478
Ion Ratio	Lower	Upper
138	100	
92	52.8	38.0 78.0
108	56.6	77.6 117.6

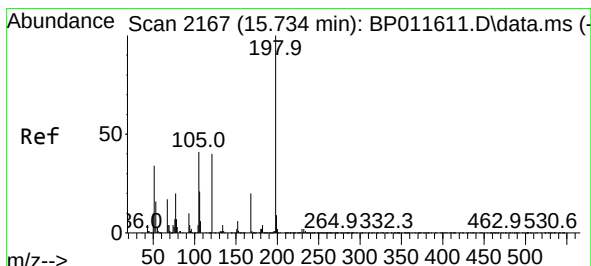
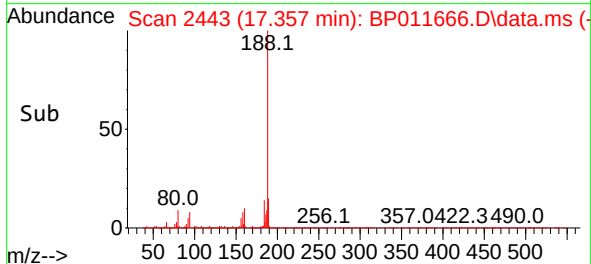
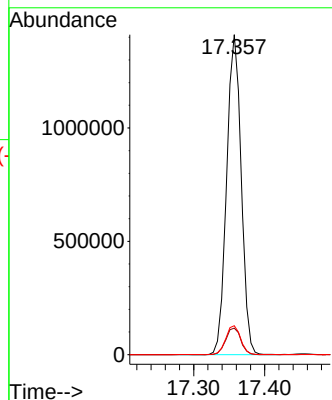
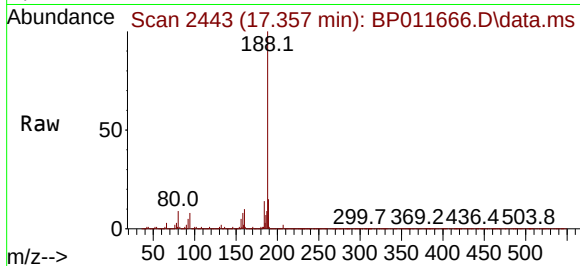




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

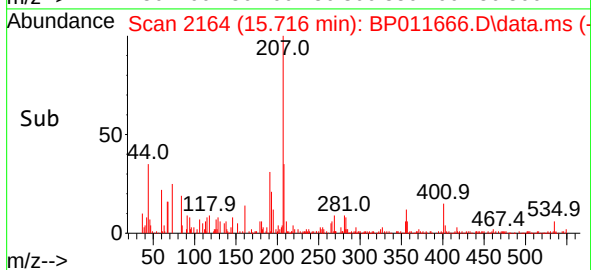
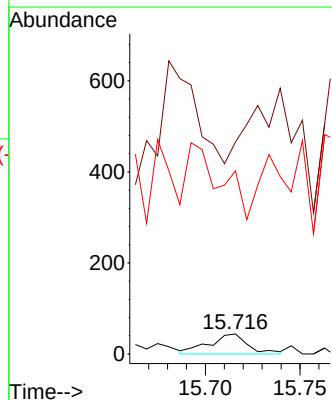
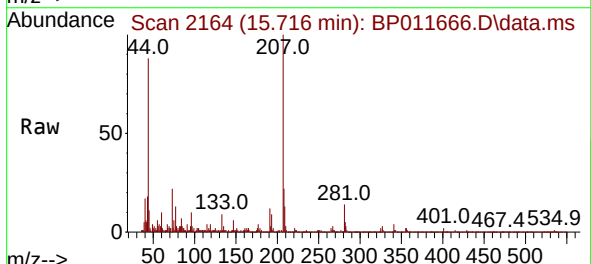
Instrument :
BNA_P
ClientSampleId :
MBD-WC-S-MP-1-0-46

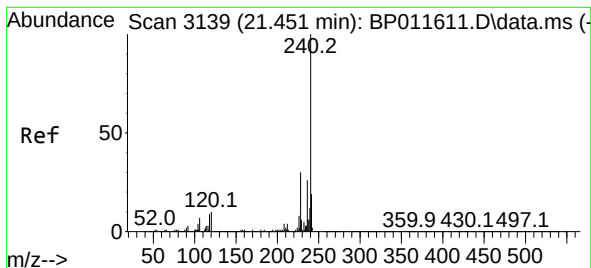
Tgt Ion:188 Resp: 1997085
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.895 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP011666.D
Acq: 09 Sep 2022 16:47

Tgt Ion:198 Resp: 63
Ion Ratio Lower Upper
198 100
51 1059.1 41.2 81.2#
105 913.6 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP011666.D

Acq: 09 Sep 2022 16:47

Instrument :

BNA_P

ClientSampleId :

MBD-WC-S-MP-1-0-46

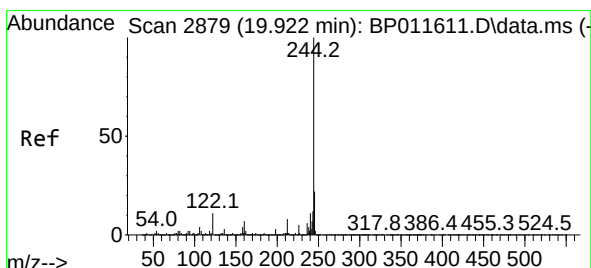
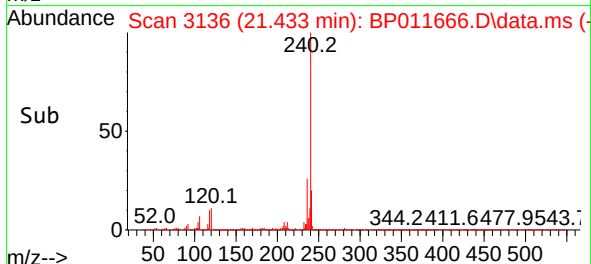
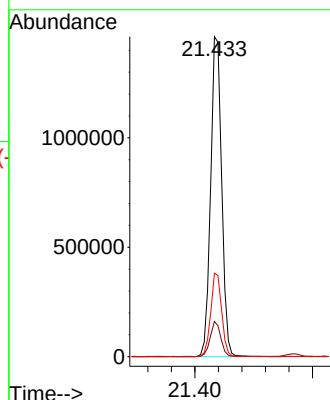
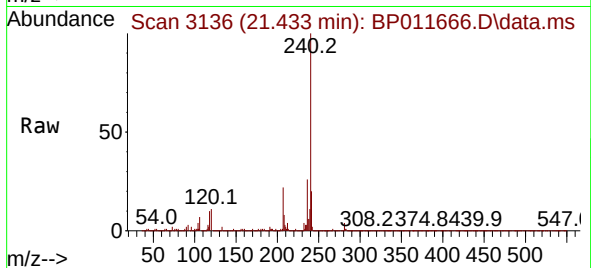
Tgt Ion:240 Resp: 1904597

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

236 26.1 19.8 29.6



#79

Terphenyl-d14

Concen: 104.530 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BP011666.D

Acq: 09 Sep 2022 16:47

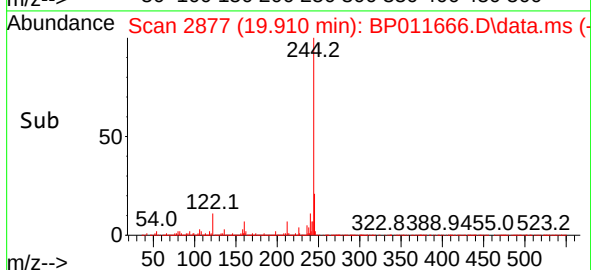
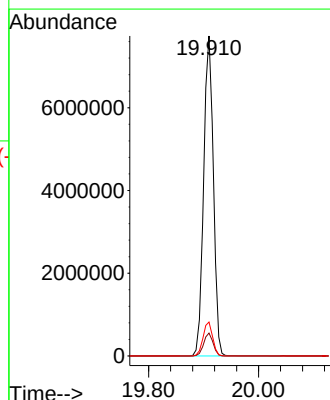
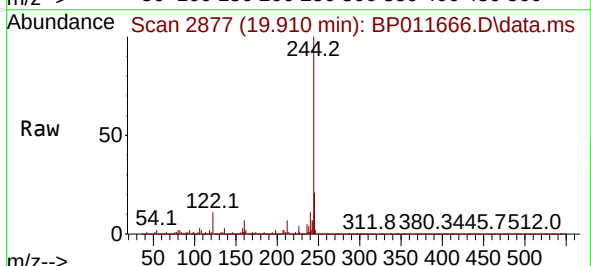
Tgt Ion:244 Resp: 9505317

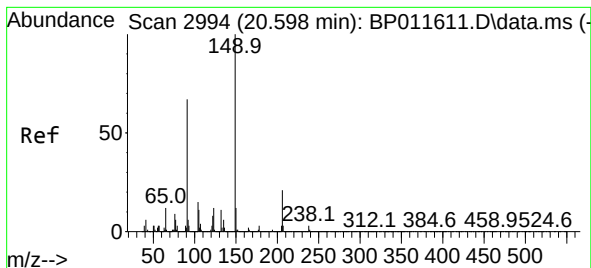
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.6 7.6 11.4





#80

Butylbenzylphthalate

Concen: 3.758 ng

RT: 20.586 min Scan# 2992

Delta R.T. -0.000 min

Lab File: BP011666.D

Acq: 09 Sep 2022 16:47

Instrument :

BNA_P

ClientSampleId :

MBD-WC-S-MP-1-0-46

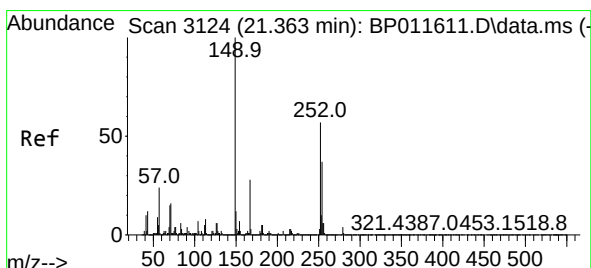
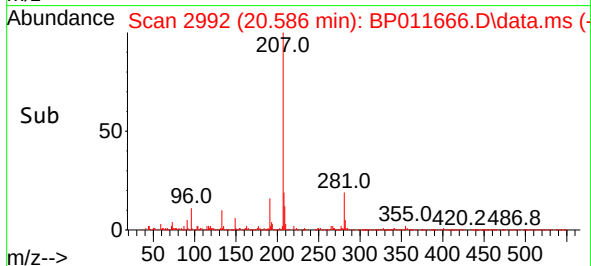
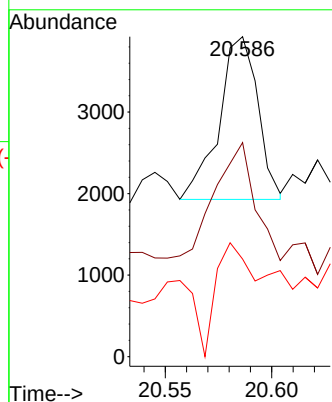
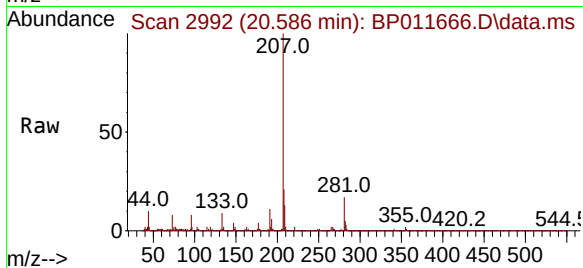
Tgt Ion:149 Resp: 2533

Ion Ratio Lower Upper

149 100

91 66.9 62.5 93.7

206 30.5 17.0 25.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.052 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP011666.D

Acq: 09 Sep 2022 16:47

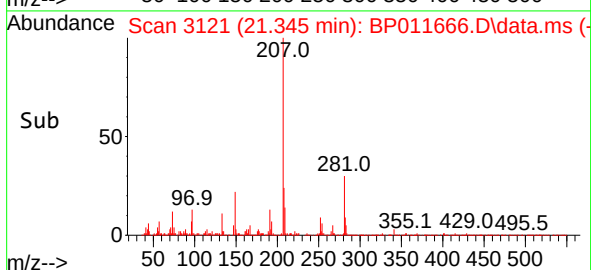
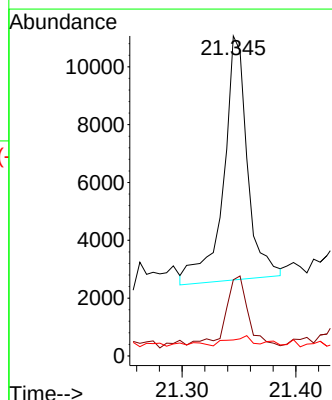
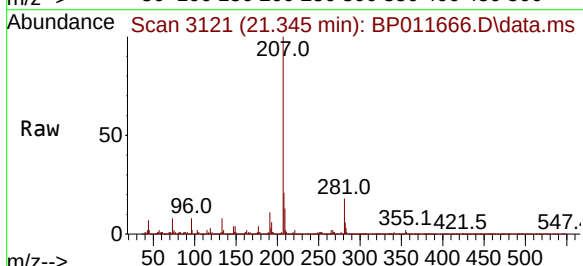
Tgt Ion:149 Resp: 12322

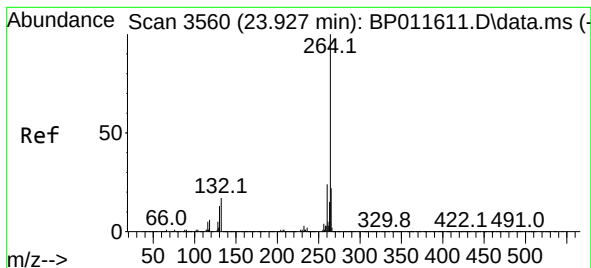
Ion Ratio Lower Upper

149 100

167 23.8 21.8 32.8

279 5.0 3.7 5.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.910 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP011666.D

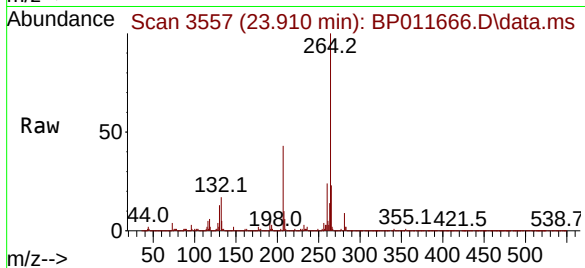
Acq: 09 Sep 2022 16:47

Instrument :

BNA_P

ClientSampleId :

MBD-WC-S-MP-1-0-46



Tgt Ion:264 Resp: 2041557

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.7 18.0 27.0

