

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011667.D
 Acq On : 09 Sep 2022 17:22
 Operator : CG/JU
 Sample : N4549-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-46

Quant Time: Sep 10 00:54:03 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)

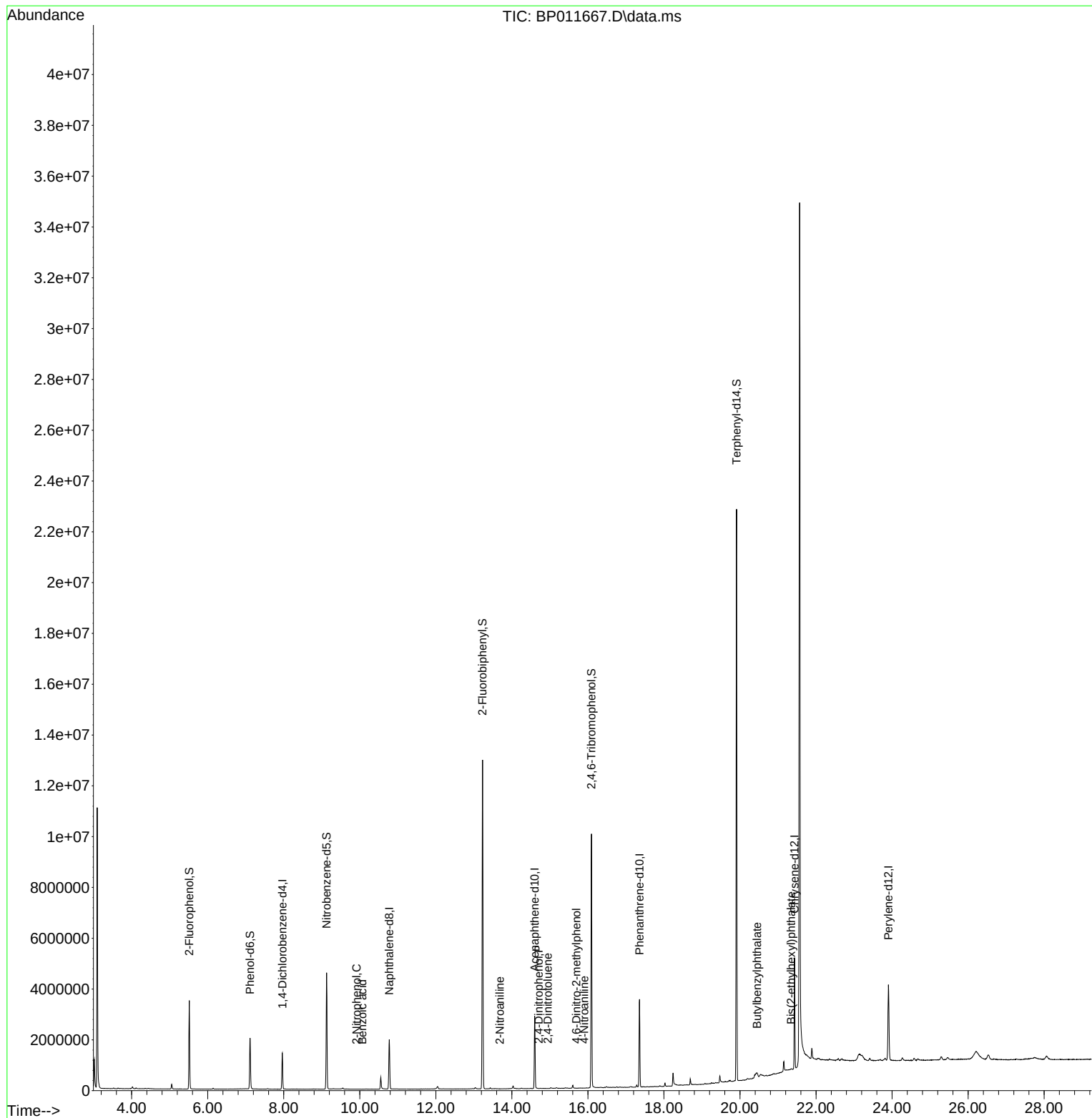
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	421675	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1697867	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	1020955	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2132759	20.000	ng	0.00
76) Chrysene-d12	21.433	240	2119164	20.000	ng	0.00
86) Perylene-d12	23.904	264	2267472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	1617851	67.856	ng	0.00
7) Phenol-d6	7.117	99	1244022	39.432	ng	0.00
23) Nitrobenzene-d5	9.128	82	2619052	94.688	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	2032353	176.187	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6895429	96.581	ng	0.00
79) Terphenyl-d14	19.910	244	10999417	108.714	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.916	139	50	4.893	ng	# 1
32) Benzoic acid	10.063	122	67	8.602	ng	# 1
48) 2-Nitroaniline	13.681	65	312	3.421	ng	# 52
54) 2,4-Dinitrophenol	14.704	184	78	6.464	ng	# 4
57) 2,4-Dinitrotoluene	14.945	165	238	3.655	ng	# 86
62) 4-Nitroaniline	15.904	138	156	2.653	ng	# 96
65) 4,6-Dinitro-2-methylph...	15.698	198	124	7.900	ng	# 1
80) Butylbenzylphthalate	20.445	149	9303	3.864	ng	# 98
84) Bis(2-ethylhexyl)phtha...	21.345	149	10861	2.019	ng	# 98

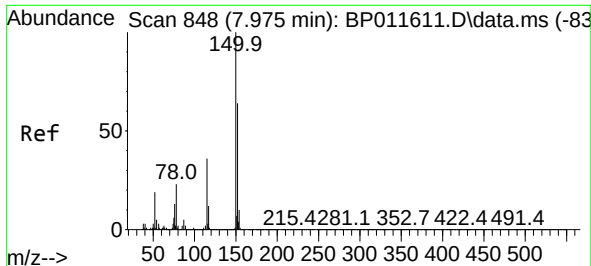
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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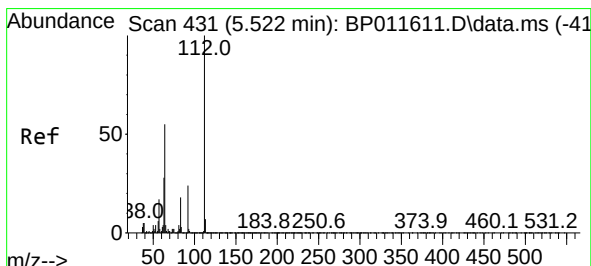
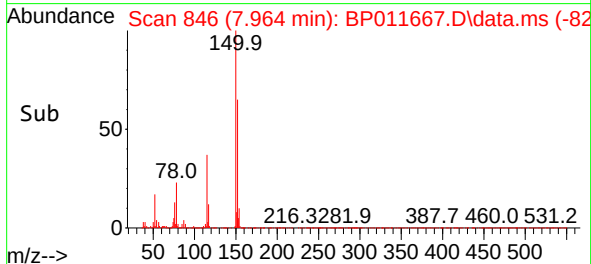
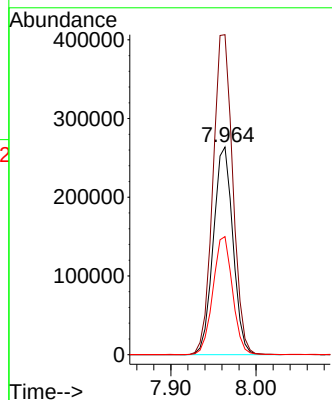
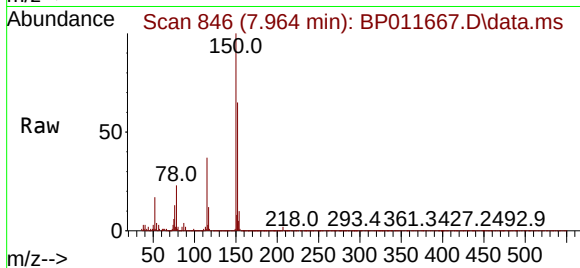


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.964 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BP011667.D
 Acq: 09 Sep 2022 17:22

Instrument :
 BNA_P
 ClientSampleId :
 MW-46

Tgt Ion:152 Resp: 421675

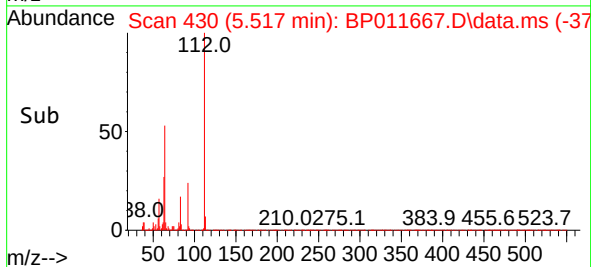
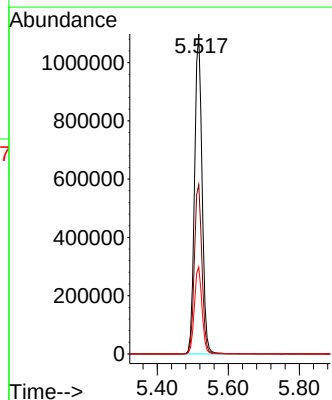
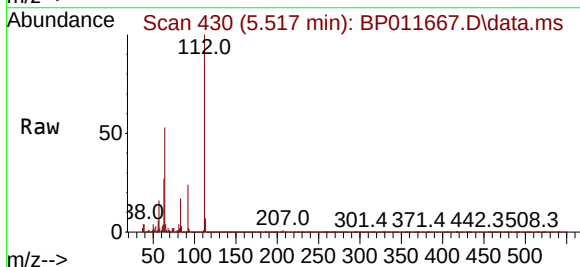
Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.4	185.2
115	56.9	51.3	76.9

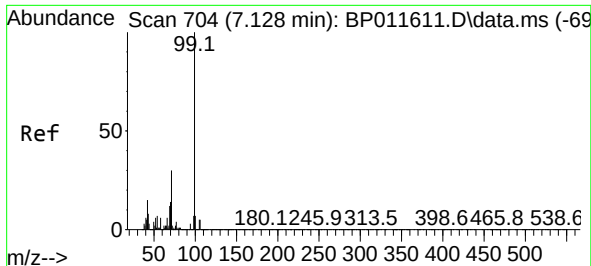


#5
 2-Fluorophenol
 Concen: 67.856 ng
 RT: 5.517 min Scan# 430
 Delta R.T. -0.000 min
 Lab File: BP011667.D
 Acq: 09 Sep 2022 17:22

Tgt Ion:112 Resp: 1617851

Ion	Ratio	Lower	Upper
112	100		
64	52.9	56.9	85.3#
63	27.2	31.2	46.8#

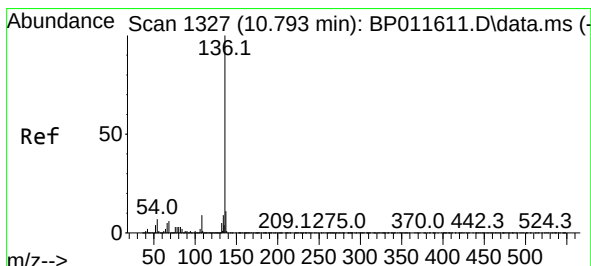
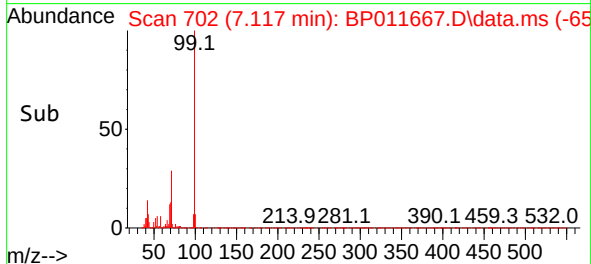
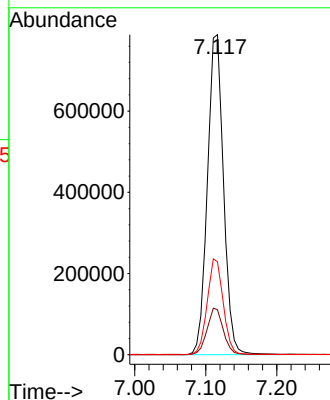
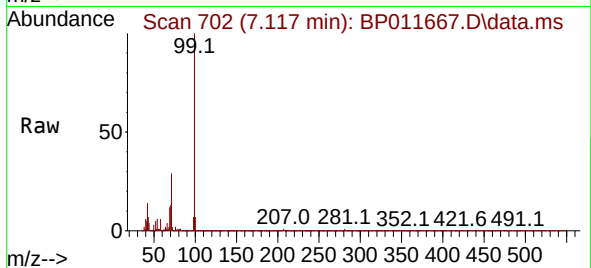




#7
Phenol-d6
Concen: 39.432 ng
RT: 7.117 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

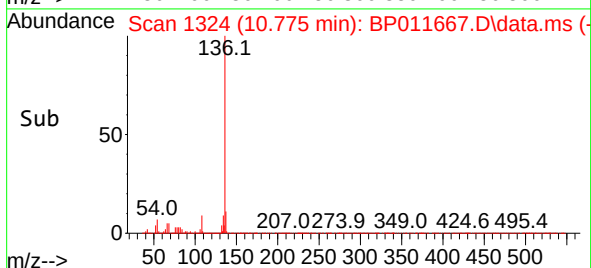
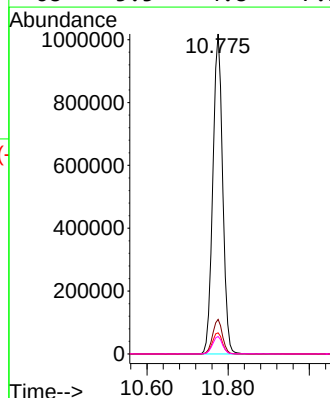
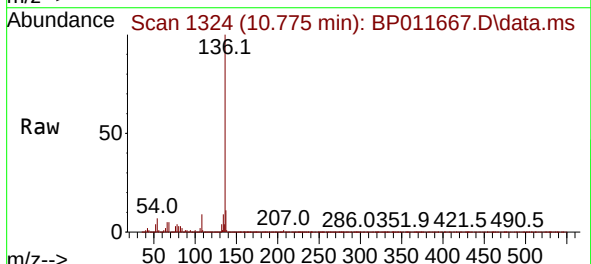
Instrument :
BNA_P
ClientSampleId :
MW-46

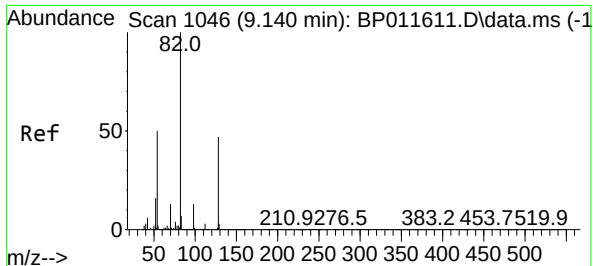
Tgt Ion: 99 Resp: 1244022
Ion Ratio Lower Upper
99 100
42 14.0 20.3 30.5#
71 29.0 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

Tgt Ion:136 Resp: 1697867
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.6 8.7 13.1#
68 5.5 4.8 7.2

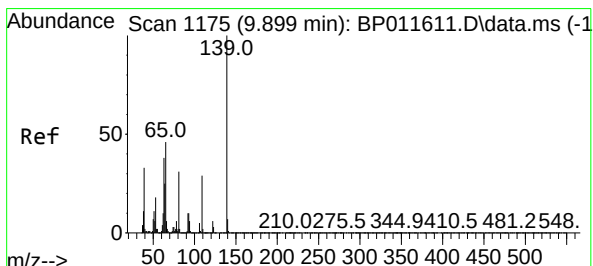
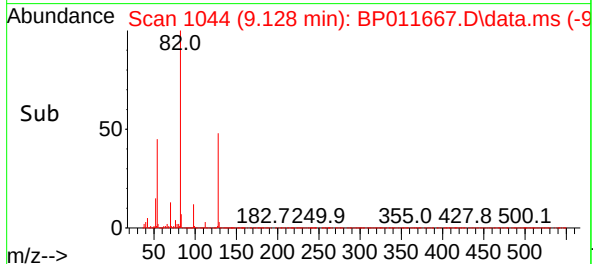
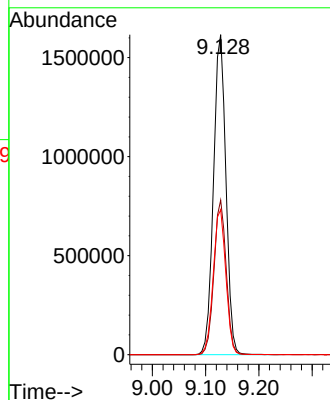
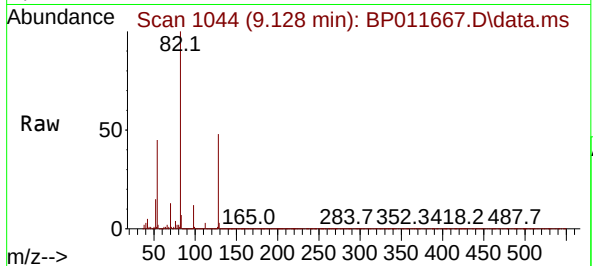




#23
Nitrobenzene-d5
Concen: 94.688 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

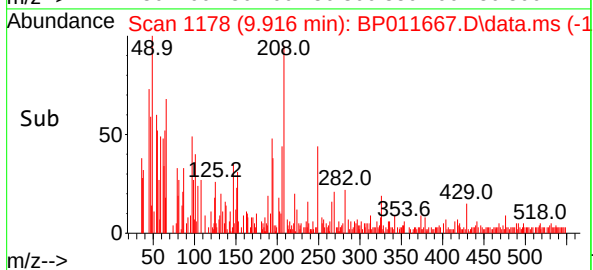
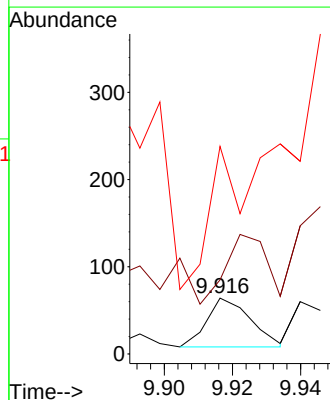
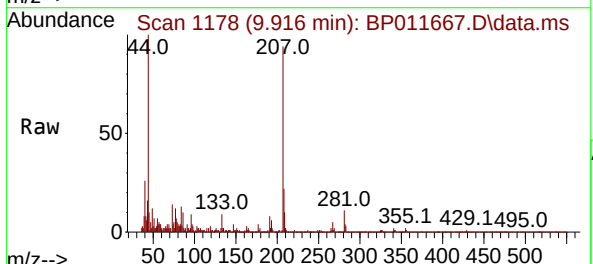
Instrument :
BNA_P
ClientSampleId :
MW-46

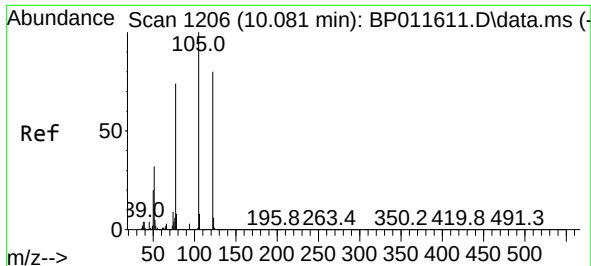
Tgt Ion: 82 Resp: 2619052
Ion Ratio Lower Upper
82 100
128 48.3 31.3 46.9#
54 45.3 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.893 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.029 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 132.8 30.2 45.4#
65 371.9 52.2 78.2#

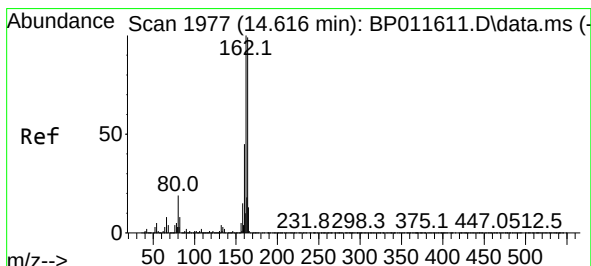
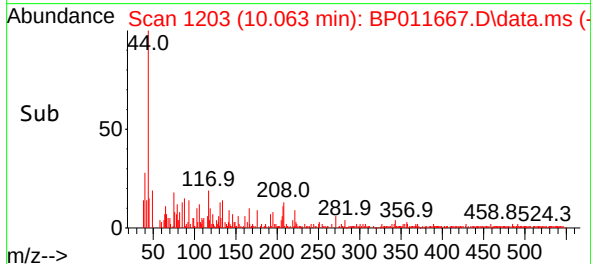
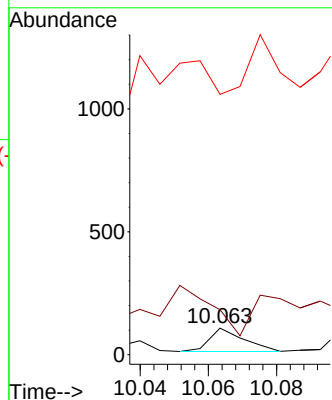
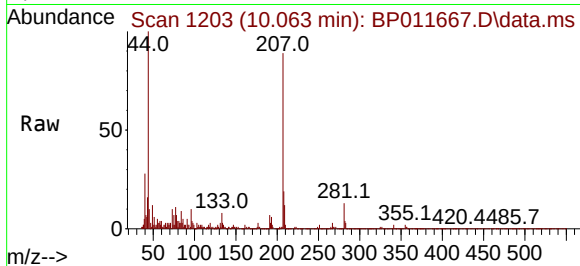




#32
Benzoic acid
Concen: 8.602 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

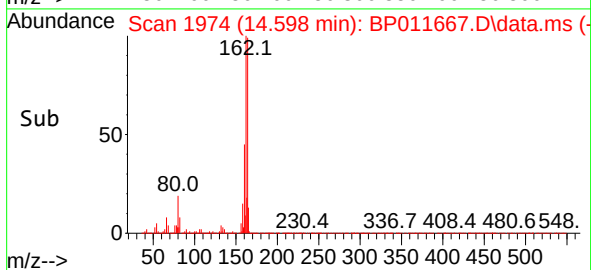
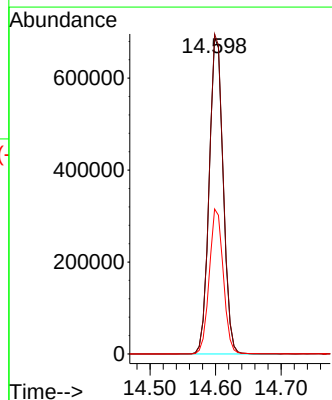
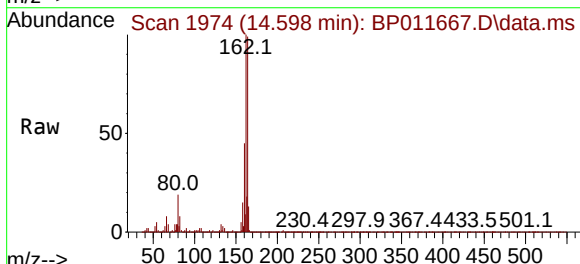
Instrument :
BNA_P
ClientSampleId :
MW-46

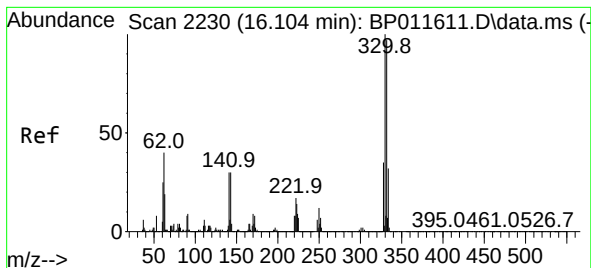
Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 169.4 112.6 152.6#
77 980.6 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

Tgt Ion:164 Resp: 1020955
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 45.8 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 176.187 ng

RT: 16.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011667.D

Acq: 09 Sep 2022 17:22

Instrument :

BNA_P

ClientSampleId :

MW-46

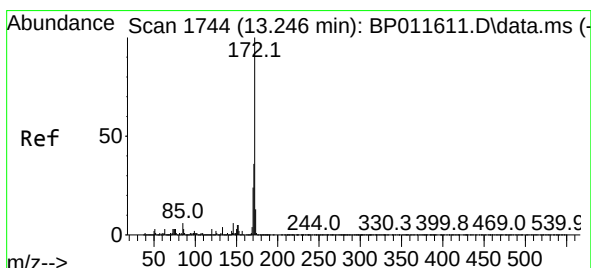
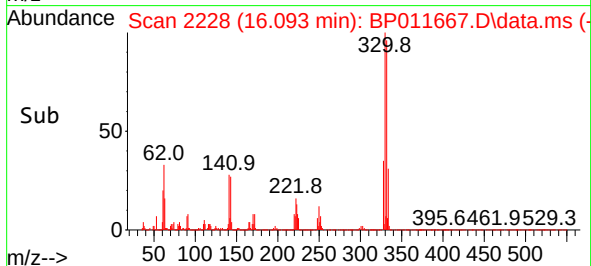
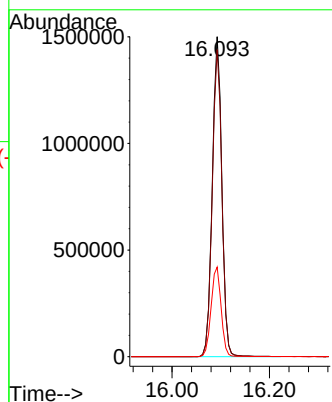
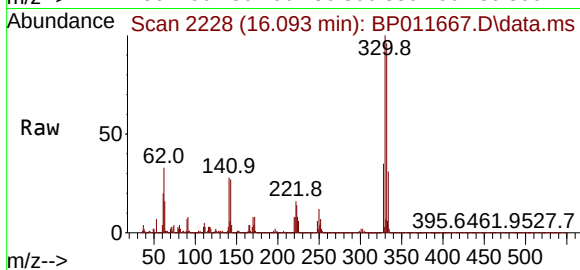
Tgt Ion:330 Resp: 2032353

Ion Ratio Lower Upper

330 100

332 96.6 78.1 117.1

141 29.4 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 96.581 ng

RT: 13.228 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP011667.D

Acq: 09 Sep 2022 17:22

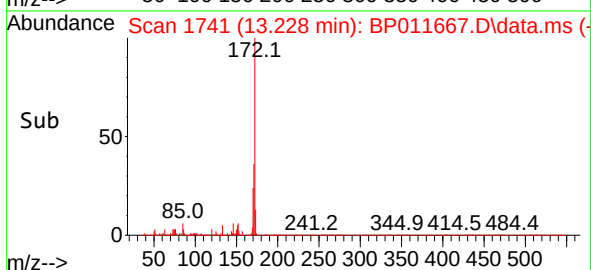
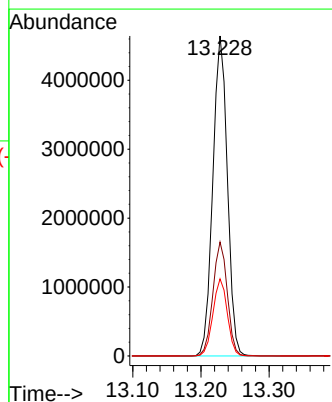
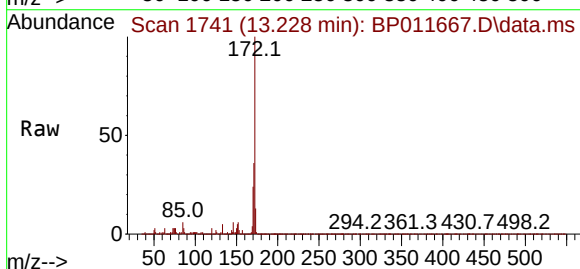
Tgt Ion:172 Resp: 6895429

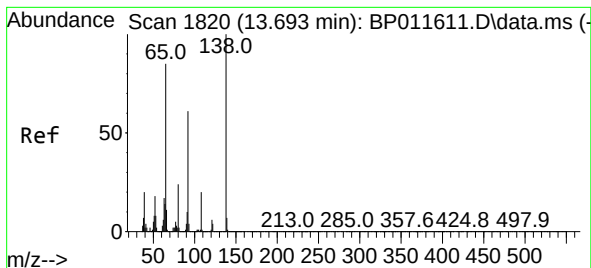
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 24.1 18.2 27.2





#48

2-Nitroaniline

Concen: 3.421 ng

RT: 13.681 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BP011667.D

Acq: 09 Sep 2022 17:22

Instrument :

BNA_P

ClientSampleId :

MW-46

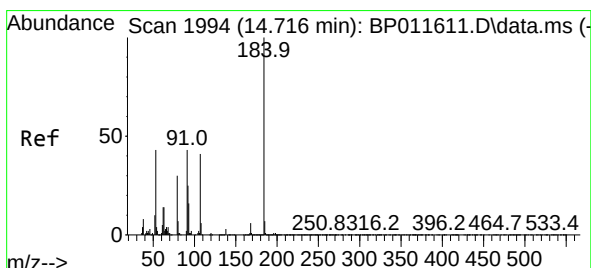
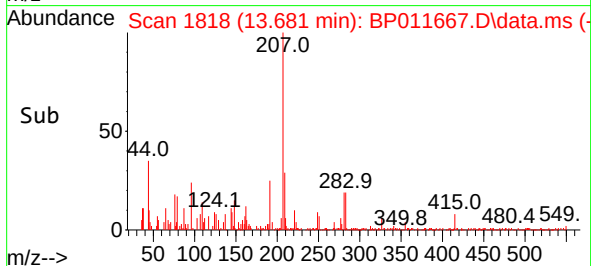
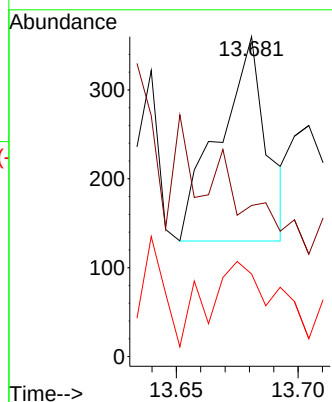
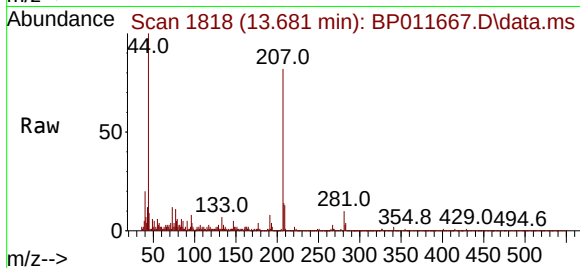
Tgt Ion: 65 Resp: 312

Ion Ratio Lower Upper

65 100

92 47.2 50.0 75.0#

138 25.8 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.464 ng

RT: 14.704 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BP011667.D

Acq: 09 Sep 2022 17:22

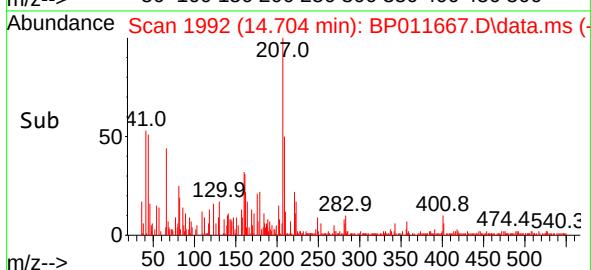
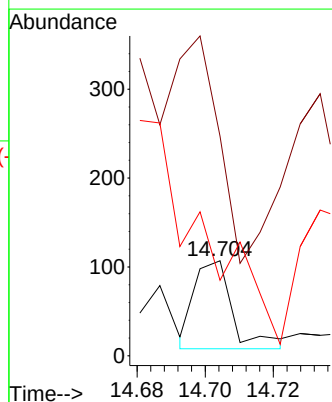
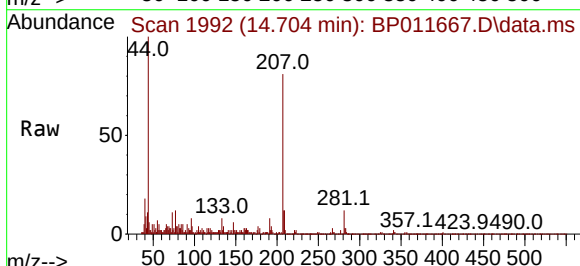
Tgt Ion: 184 Resp: 78

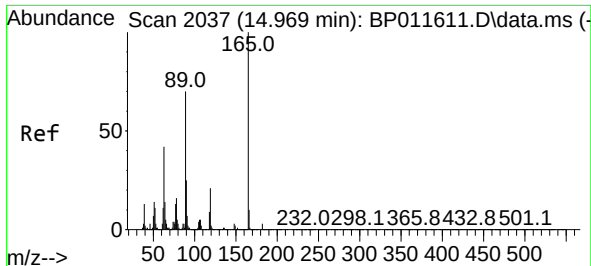
Ion Ratio Lower Upper

184 100

63 230.8 65.4 98.2#

154 79.4 55.4 83.2

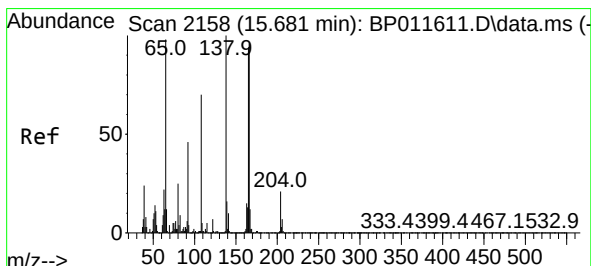
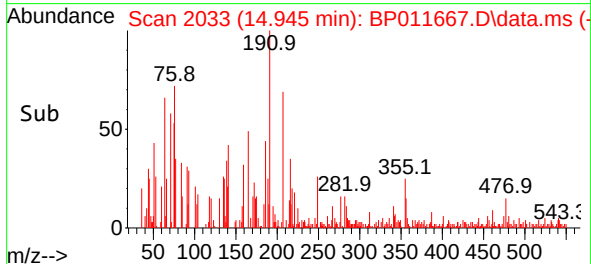
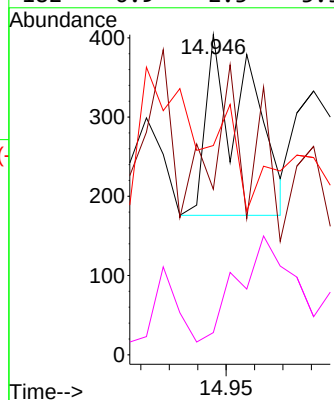
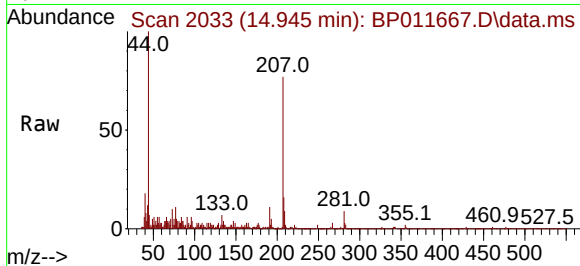




#57
2,4-Dinitrotoluene
Concen: 3.655 ng
RT: 14.945 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

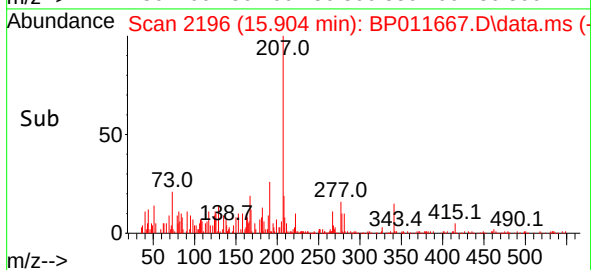
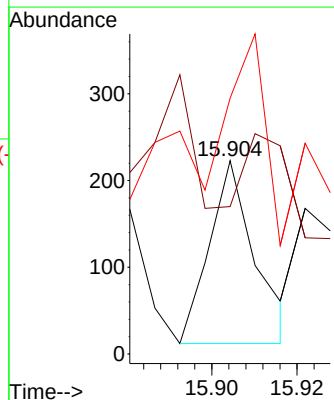
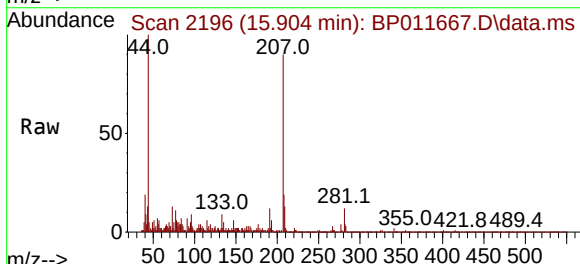
Instrument :
BNA_P
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MW-46

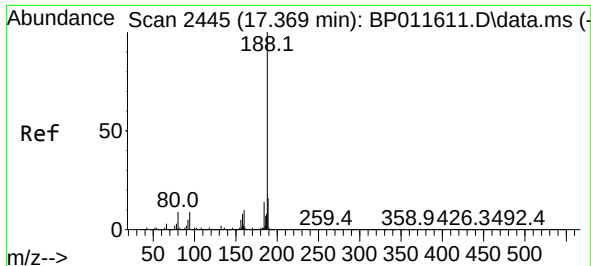
Tgt Ion:165	Resp:	238
Ion Ratio	Lower	Upper
165	100	
63	51.7	46.2 69.2
89	65.3	65.8 98.8#
182	6.9	2.3 3.5#



#62
4-Nitroaniline
Concen: 2.653 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.235 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

Tgt Ion:138	Resp:	156
Ion Ratio	Lower	Upper
138	100	
92	59.2	38.0 78.0
108	102.8	77.6 117.6

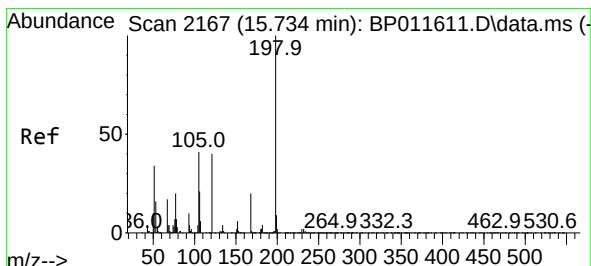
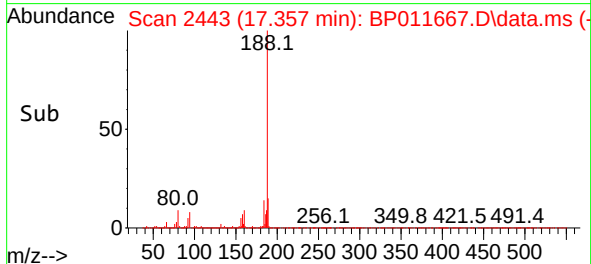
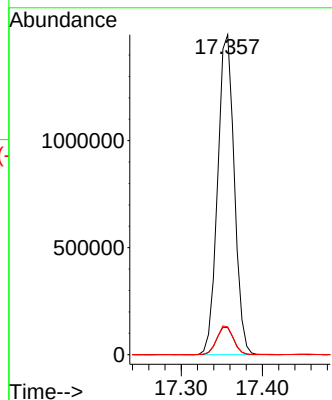
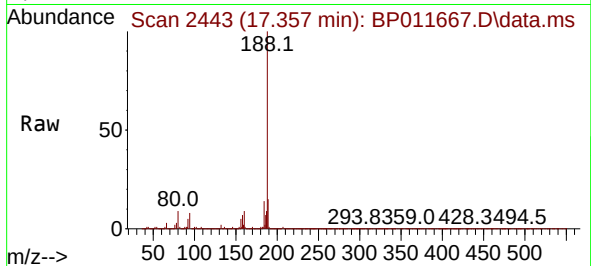




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

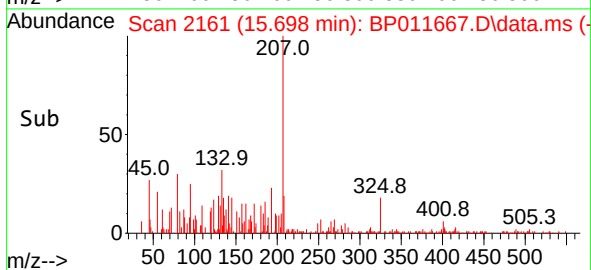
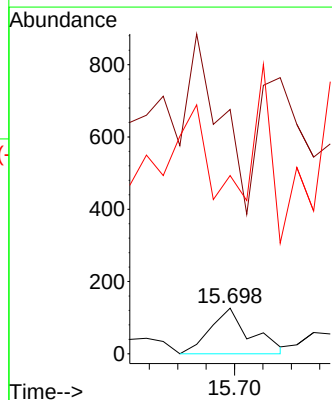
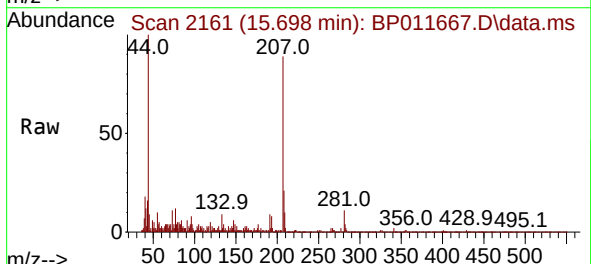
Instrument :
BNA_P
ClientSampleId :
MW-46

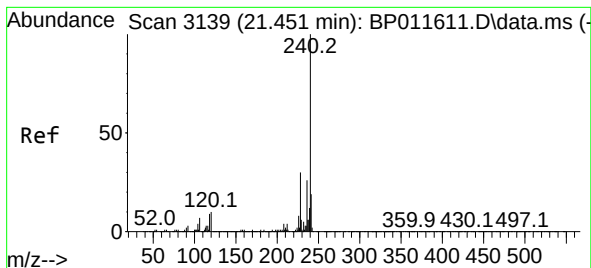
Tgt Ion:188 Resp: 2132759
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 8.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.900 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.024 min
Lab File: BP011667.D
Acq: 09 Sep 2022 17:22

Tgt Ion:198 Resp: 124
Ion Ratio Lower Upper
198 100
51 536.5 41.2 81.2#
105 391.3 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011667.D

Acq: 09 Sep 2022 17:22

Instrument :

BNA_P

ClientSampleId :

MW-46

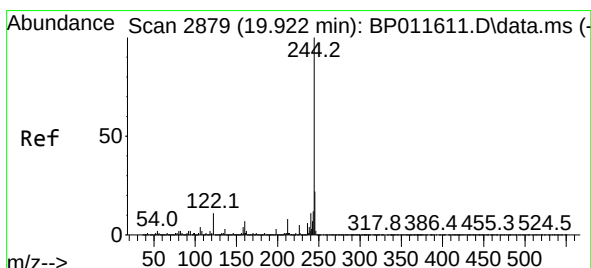
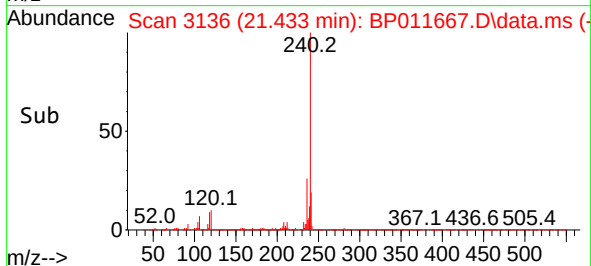
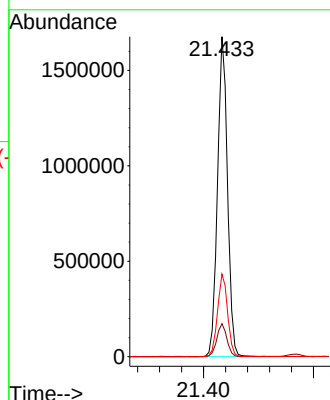
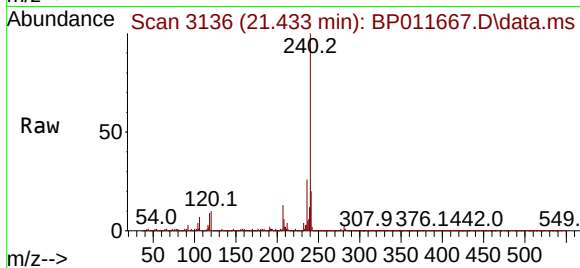
Tgt Ion:240 Resp: 2119164

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.8 19.8 29.6



#79

Terphenyl-d14

Concen: 108.714 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BP011667.D

Acq: 09 Sep 2022 17:22

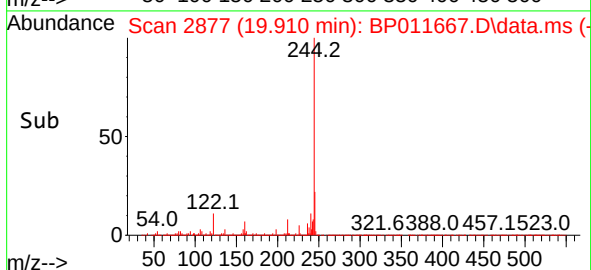
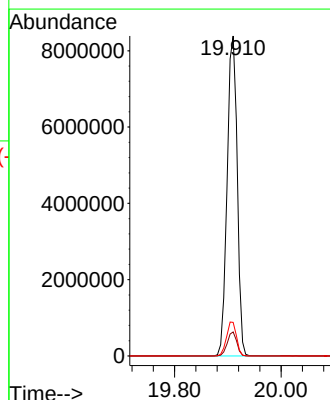
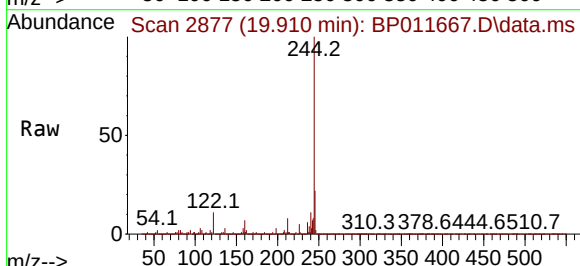
Tgt Ion:244 Resp:10999417

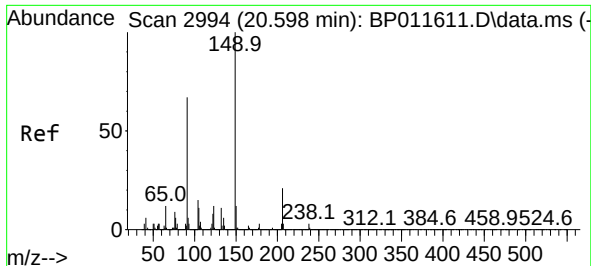
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 10.5 7.6 11.4

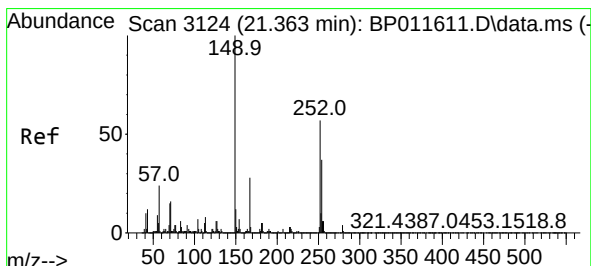
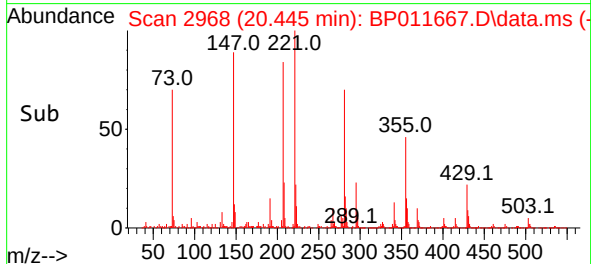
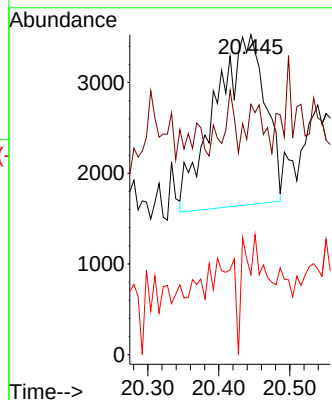
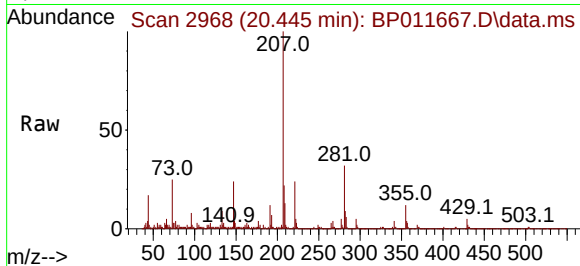




#80
 Butylbenzylphthalate
 Concen: 3.864 ng
 RT: 20.445 min Scan# 2994
 Delta R.T. -0.141 min
 Lab File: BP011667.D
 Acq: 09 Sep 2022 17:22

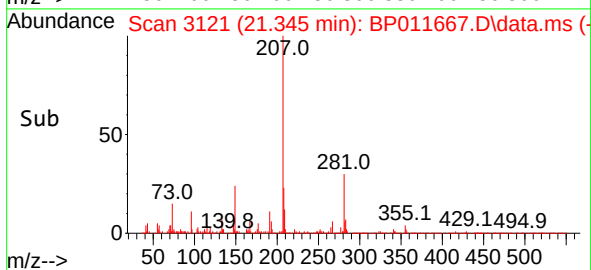
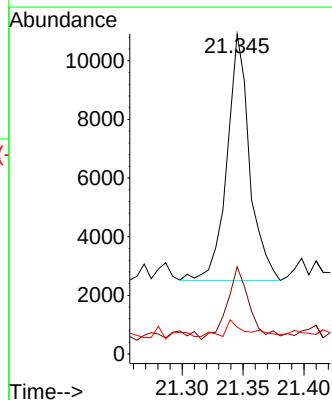
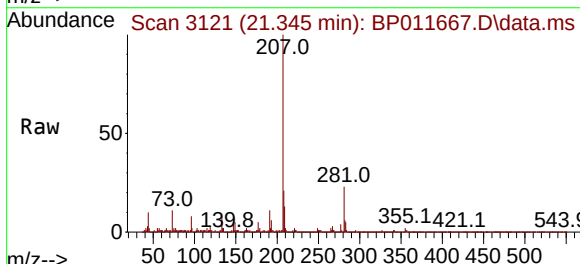
Instrument :
 BNA_P
 ClientSampleId :
 MW-46

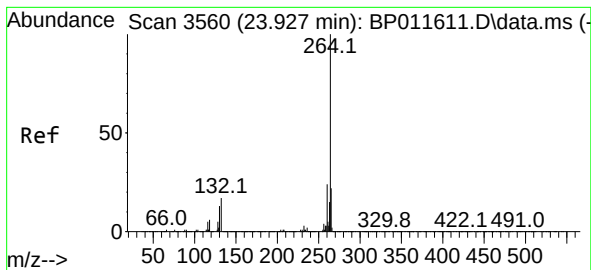
Tgt Ion:149 Resp: 9303
 Ion Ratio Lower Upper
 149 100
 91 78.3 62.5 93.7
 206 25.0 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.019 ng
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BP011667.D
 Acq: 09 Sep 2022 17:22

Tgt Ion:149 Resp: 10861
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 8.4 3.7 5.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.904 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011667.D

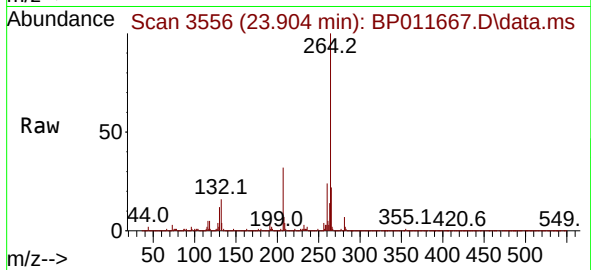
Acq: 09 Sep 2022 17:22

Instrument :

BNA_P

ClientSampleId :

MW-46



Tgt Ion:264 Resp: 2267472

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.1 18.0 27.0

