

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011669.D
 Acq On : 09 Sep 2022 18:31
 Operator : CG/JU
 Sample : N4549-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-57

Quant Time: Sep 10 00:55:04 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)

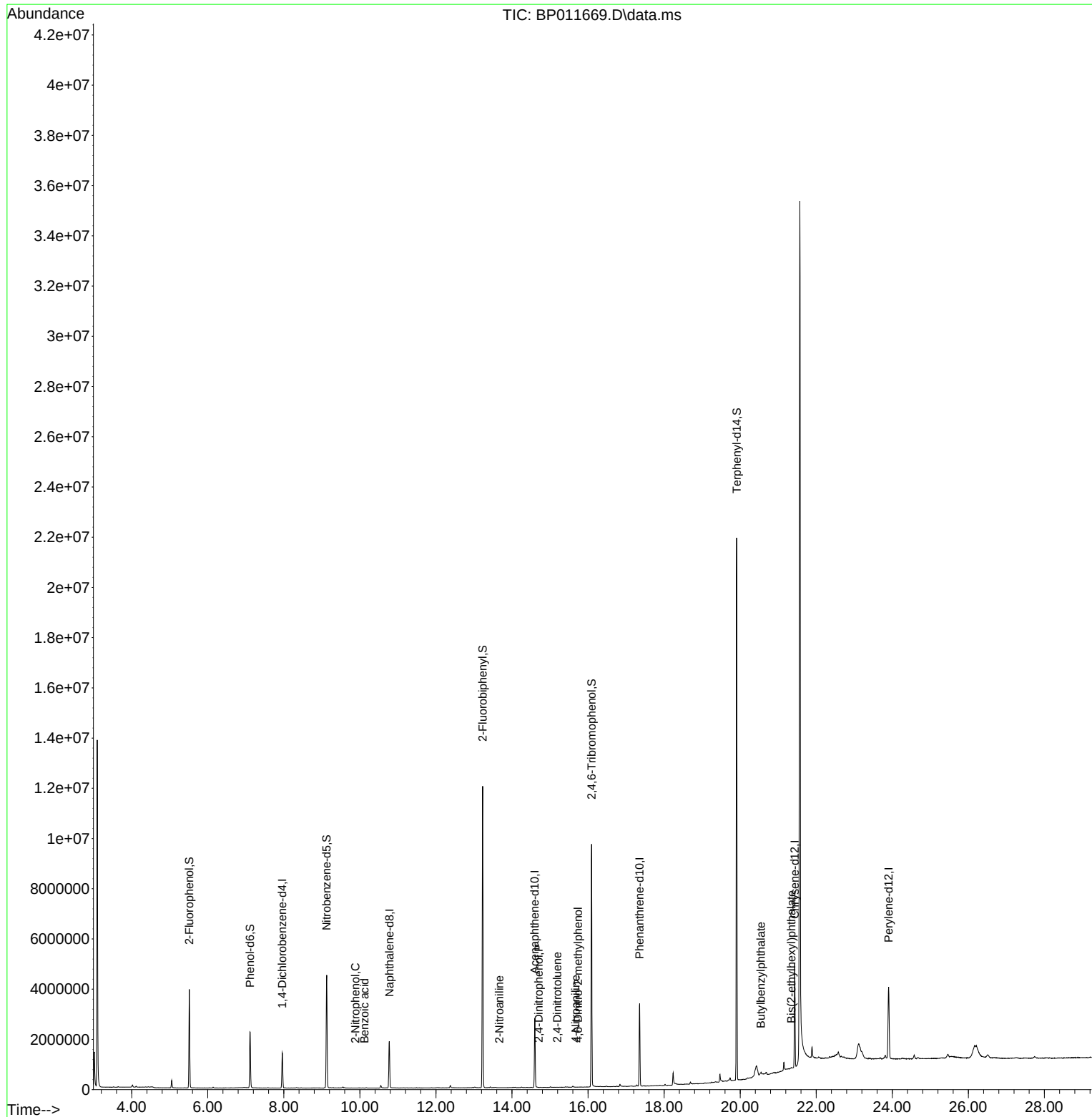
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	413251	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1645432	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	978096	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2047101	20.000	ng	0.00
76) Chrysene-d12	21.433	240	2030492	20.000	ng	0.00
86) Perylene-d12	23.904	264	2237676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1818946	77.846	ng	0.00
7) Phenol-d6	7.111	99	1422006	45.993	ng	0.00
23) Nitrobenzene-d5	9.128	82	2597085	96.886	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1967862	178.072	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6580100	96.203	ng	0.00
79) Terphenyl-d14	19.910	244	10550391	108.829	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	21	4.891	ng	# 1
32) Benzoic acid	10.122	122	120	8.606	ng	# 1
48) 2-Nitroaniline	13.669	65	283	3.420	ng	# 63
54) 2,4-Dinitrophenol	14.704	184	30	6.457	ng	# 1
57) 2,4-Dinitrotoluene	15.192	165	386	3.662	ng	91
62) 4-Nitroaniline	15.675	138	174	2.654	ng	# 46
65) 4,6-Dinitro-2-methylph...	15.734	198	45	7.894	ng	# 1
80) Butylbenzylphthalate	20.545	149	2008	3.746	ng	93
84) Bis(2-ethylhexyl)phtha...	21.345	149	9497	2.008	ng	# 94

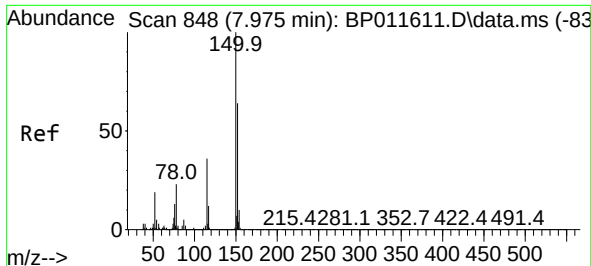
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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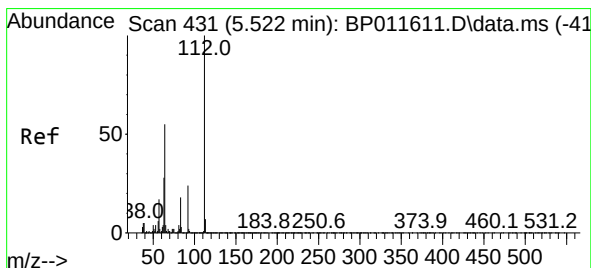
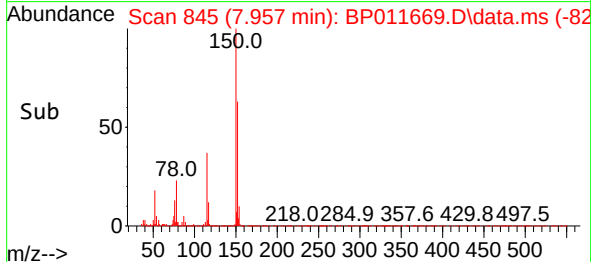
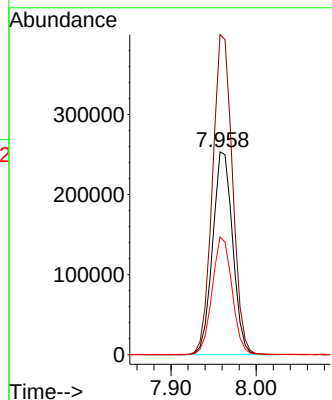
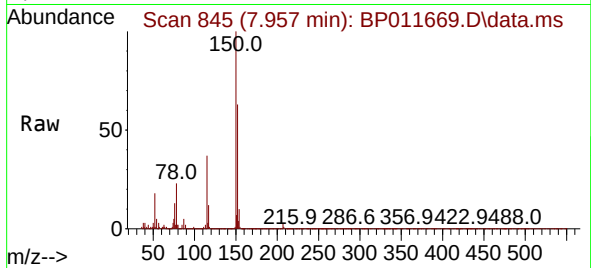




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 84
Delta R.T. -0.007 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

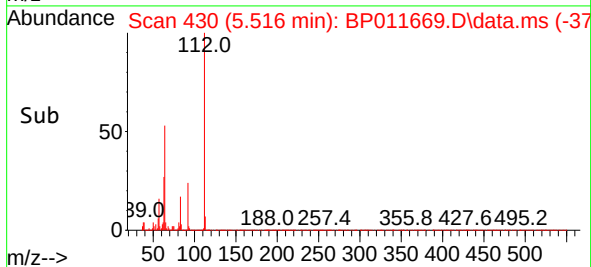
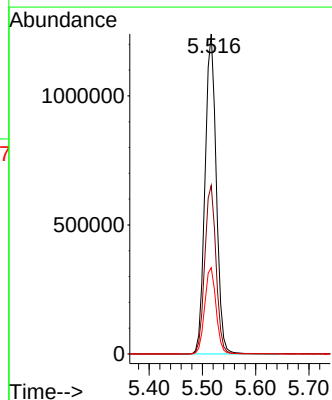
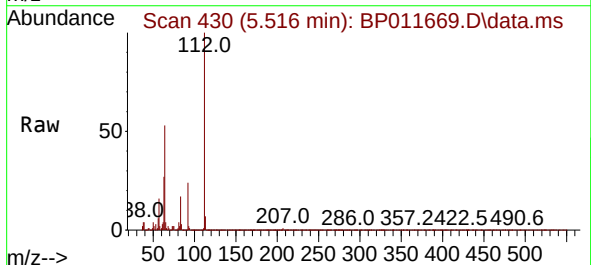
Instrument :
BNA_P
ClientSampleId :
MW-57

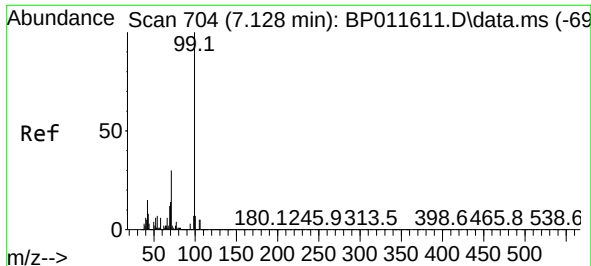
Tgt Ion:152 Resp: 413251
Ion Ratio Lower Upper
152 100
150 157.8 123.4 185.2
115 58.0 51.3 76.9



#5
2-Fluorophenol
Concen: 77.846 ng
RT: 5.516 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

Tgt Ion:112 Resp: 1818946
Ion Ratio Lower Upper
112 100
64 52.6 56.9 85.3#
63 27.0 31.2 46.8#

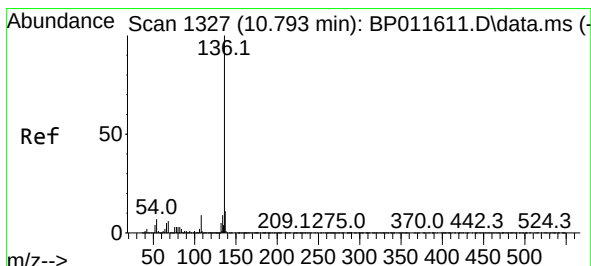
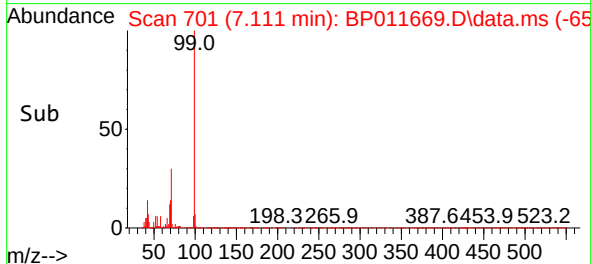
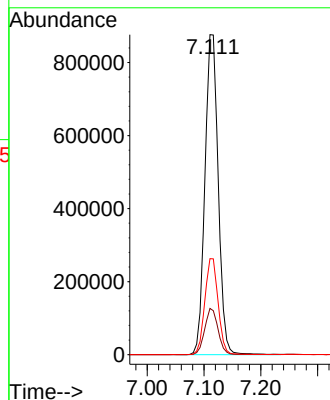
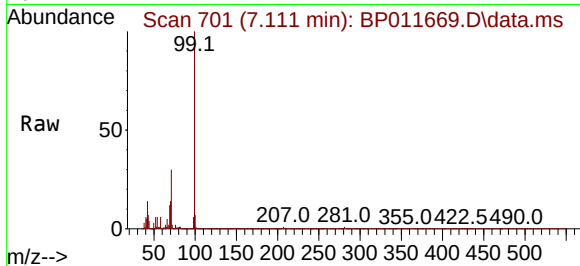




#7
Phenol-d6
Concen: 45.993 ng
RT: 7.111 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

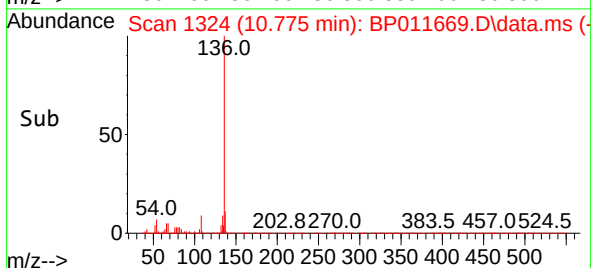
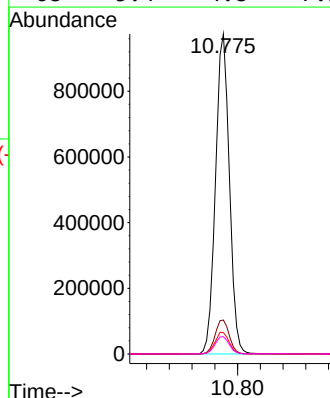
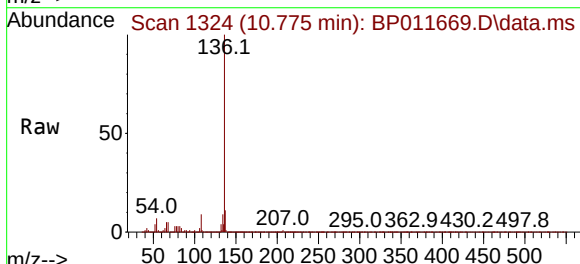
Instrument :
BNA_P
ClientSampleId :
MW-57

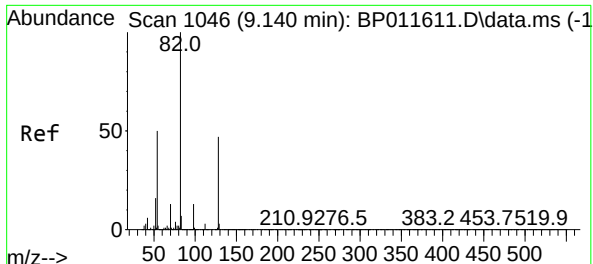
Tgt Ion: 99 Resp: 1422006
Ion Ratio Lower Upper
99 100
42 14.4 20.3 30.5#
71 30.0 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

Tgt Ion:136 Resp: 1645432
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.7 8.7 13.1#
68 5.4 4.8 7.2

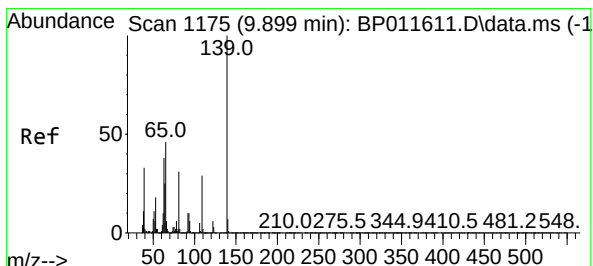
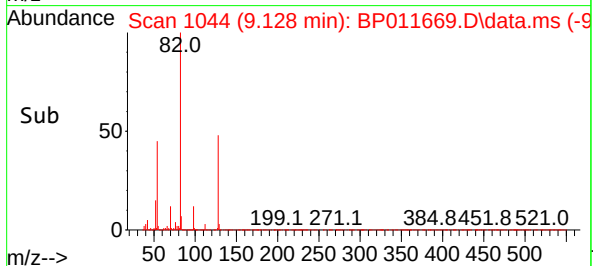
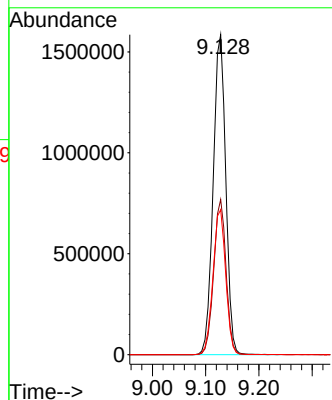
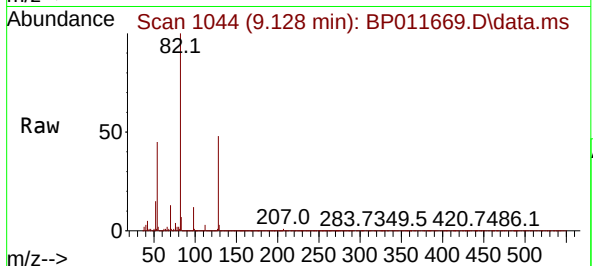




#23
Nitrobenzene-d5
Concen: 96.886 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

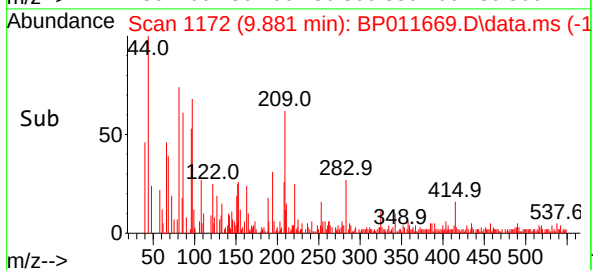
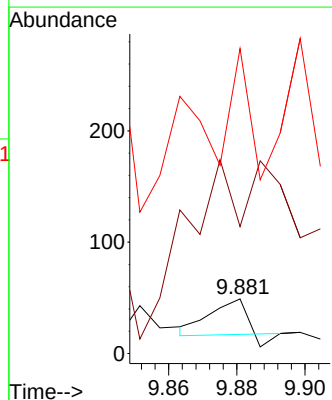
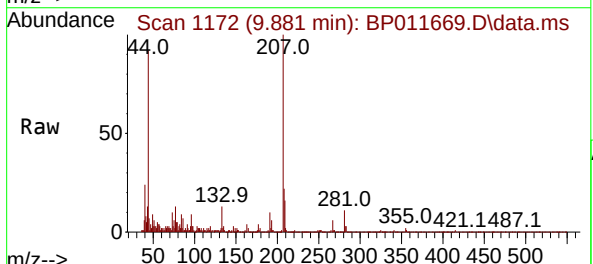
Instrument :
BNA_P
ClientSampleId :
MW-57

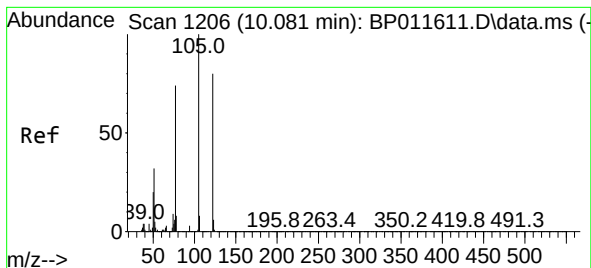
Tgt Ion: 82 Resp: 2597085
Ion Ratio Lower Upper
82 100
128 48.5 31.3 46.9#
54 45.3 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.891 ng
RT: 9.881 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 232.7 30.2 45.4#
65 559.2 52.2 78.2#





#32

Benzoic acid

Concen: 8.606 ng

RT: 10.122 min Scan# 11

Delta R.T. 0.059 min

Lab File: BP011669.D

Acq: 09 Sep 2022 18:31

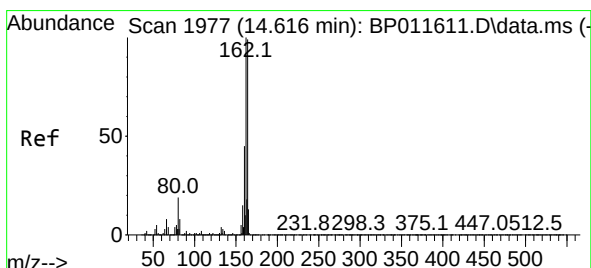
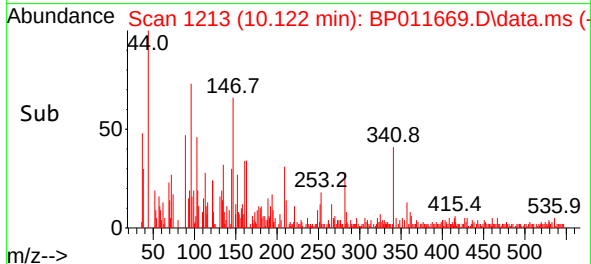
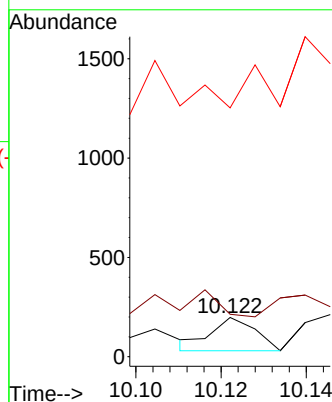
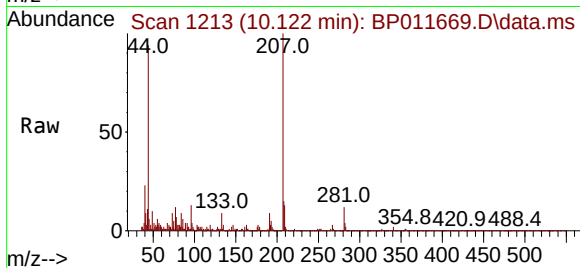
Instrument :

BNA_P

ClientSampleId :

MW-57

Tgt Ion:	122	Resp:	120
Ion	Ratio	Lower	Upper
122	100		
105	108.1	112.6	152.6#
77	632.8	90.2	130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

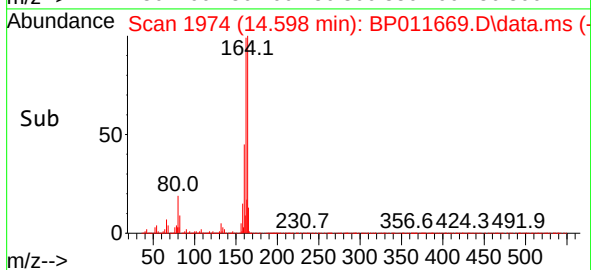
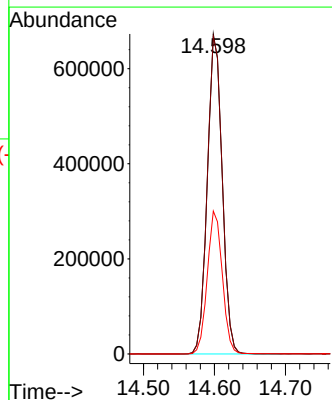
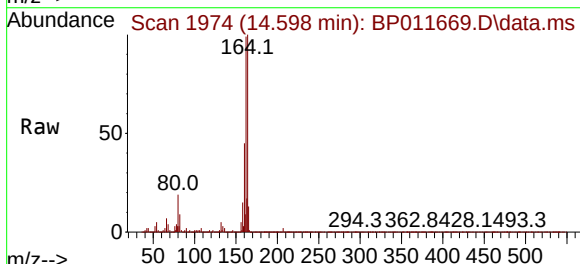
RT: 14.598 min Scan# 1974

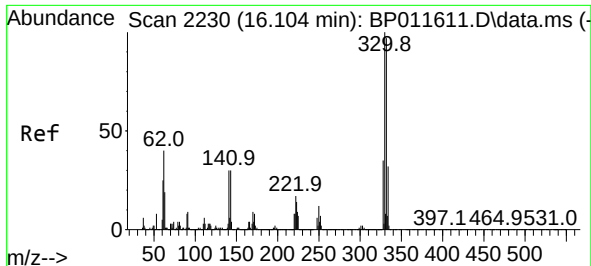
Delta R.T. -0.006 min

Lab File: BP011669.D

Acq: 09 Sep 2022 18:31

Tgt Ion:	164	Resp:	978096
Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.9	122.9
160	44.6	34.6	51.8

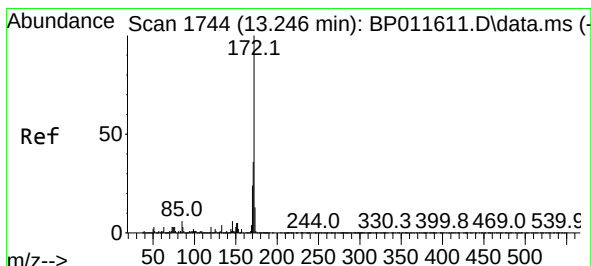
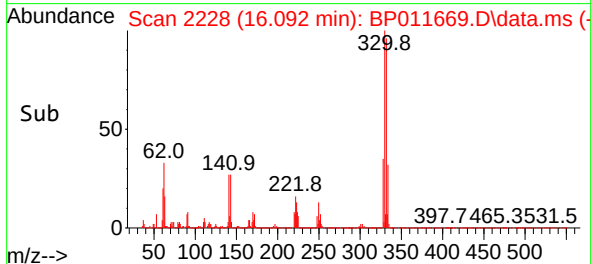
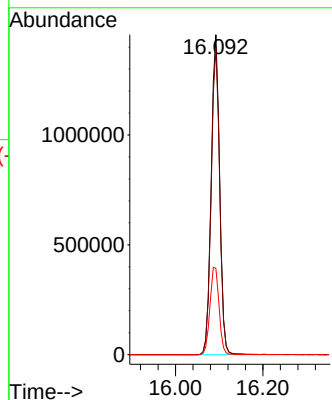
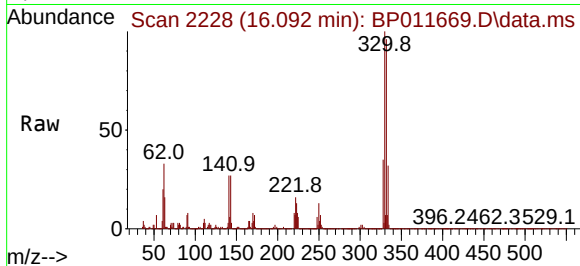




#42
2,4,6-Tribromophenol
Concen: 178.072 ng
RT: 16.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

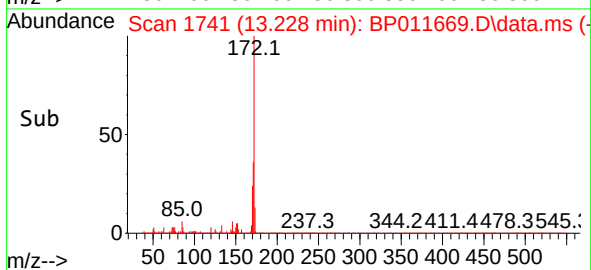
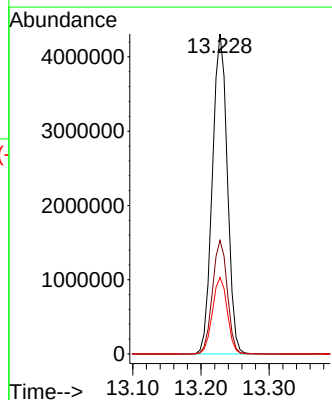
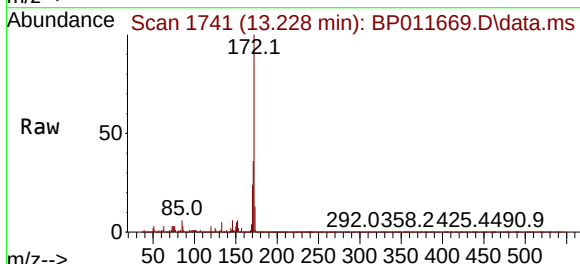
Instrument :
BNA_P
ClientSampleId :
MW-57

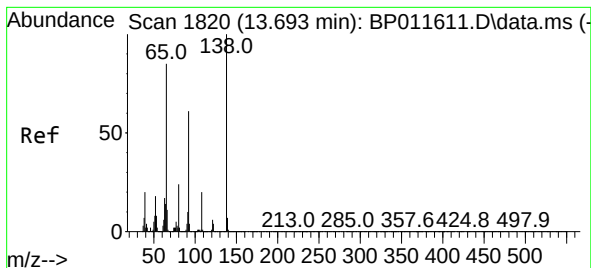
Tgt Ion:330 Resp: 1967862
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 29.4 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 96.203 ng
RT: 13.228 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

Tgt Ion:172 Resp: 6580100
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.9 18.2 27.2





#48

2-Nitroaniline

Concen: 3.420 ng

RT: 13.669 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BP011669.D

Acq: 09 Sep 2022 18:31

Instrument :

BNA_P

ClientSampleId :

MW-57

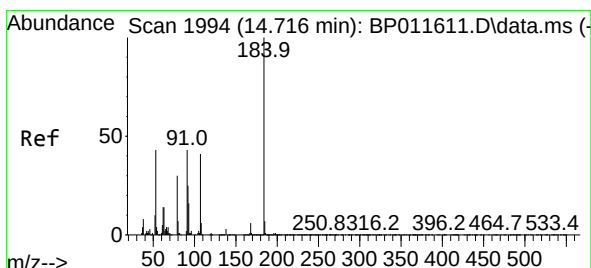
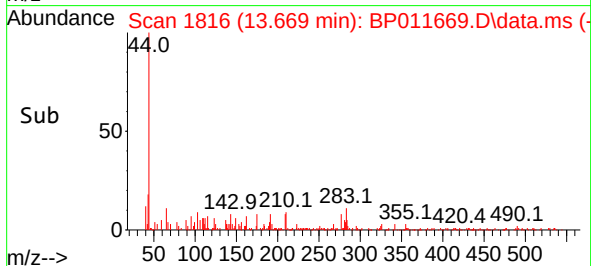
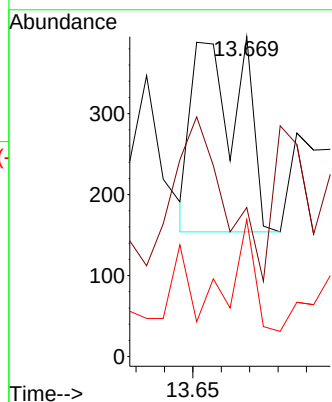
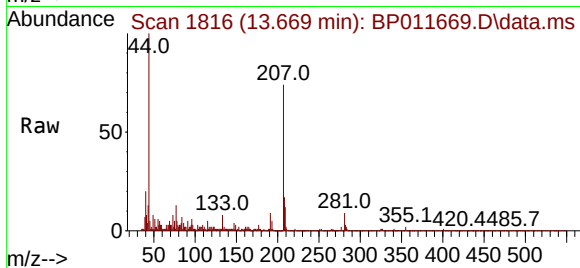
Tgt Ion: 65 Resp: 283

Ion Ratio Lower Upper

65 100

92 46.6 50.0 75.0#

138 42.8 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.457 ng

RT: 14.704 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BP011669.D

Acq: 09 Sep 2022 18:31

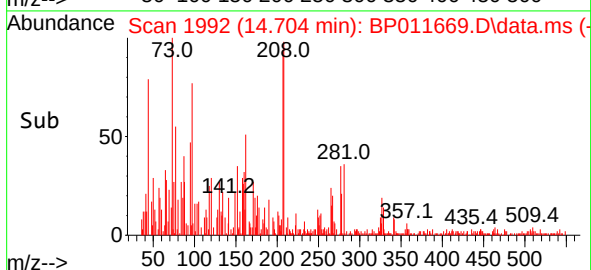
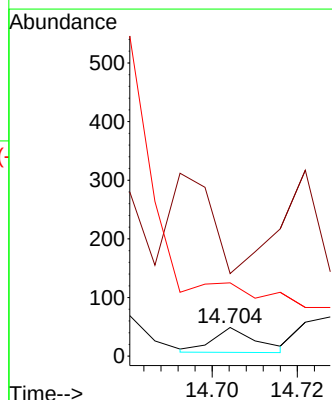
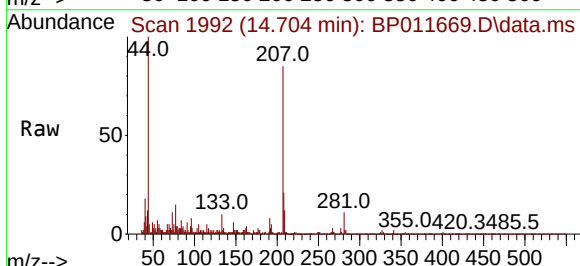
Tgt Ion: 184 Resp: 30

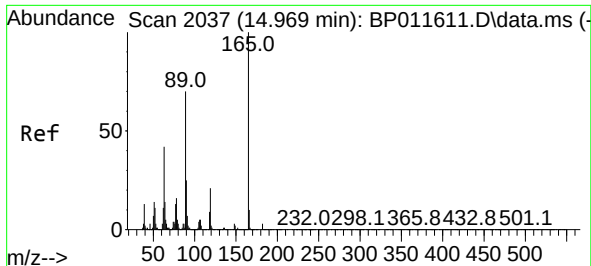
Ion Ratio Lower Upper

184 100

63 287.8 65.4 98.2#

154 255.1 55.4 83.2#

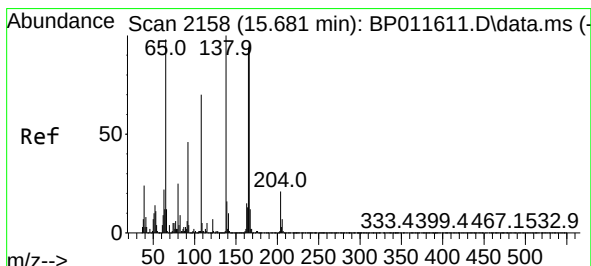
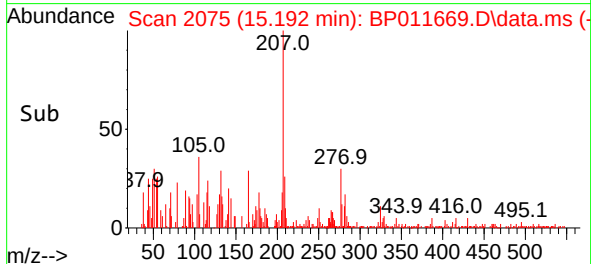
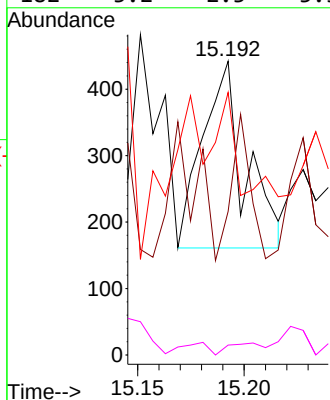
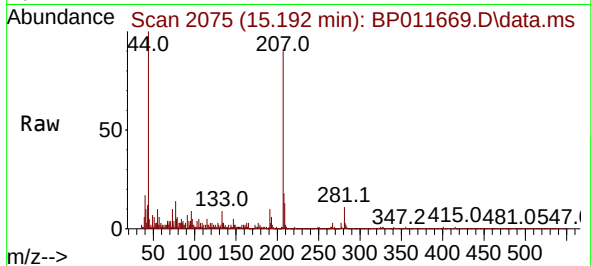




#57
2,4-Dinitrotoluene
Concen: 3.662 ng
RT: 15.192 min Scan# 2037
Delta R.T. 0.229 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

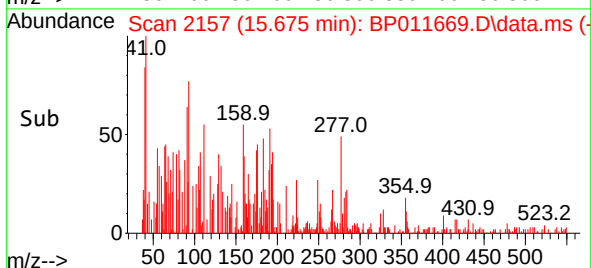
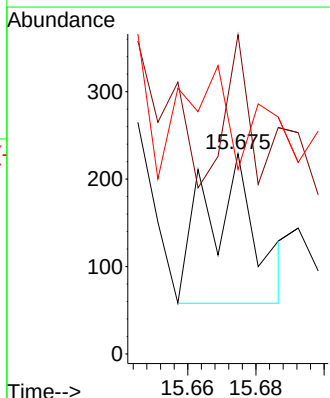
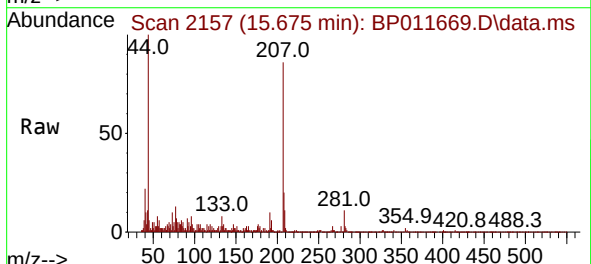
Instrument :
BNA_P
ClientSampleId :
MW-57

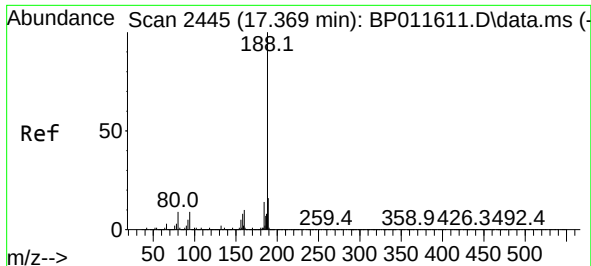
Tgt Ion:	165	Resp:	386
Ion	Ratio	Lower	Upper
165	100		
63	46.4	46.2	69.2
89	86.1	65.8	98.8
182	3.2	2.3	3.5



#62
4-Nitroaniline
Concen: 2.654 ng
RT: 15.675 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

Tgt Ion:	138	Resp:	174
Ion	Ratio	Lower	Upper
138	100		
92	159.4	38.0	78.0#
108	92.1	77.6	117.6

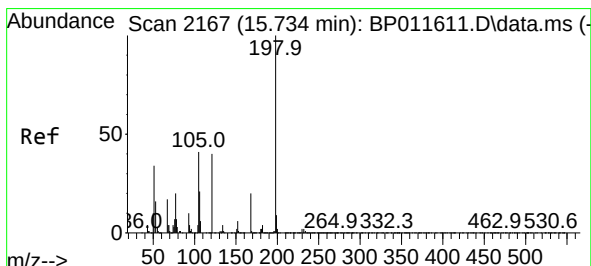
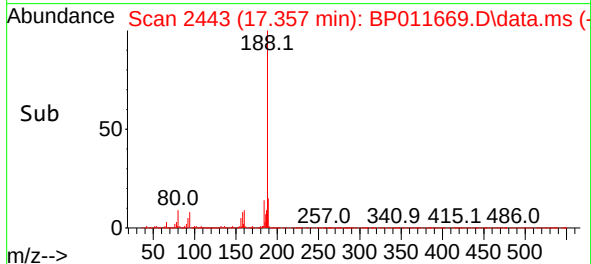
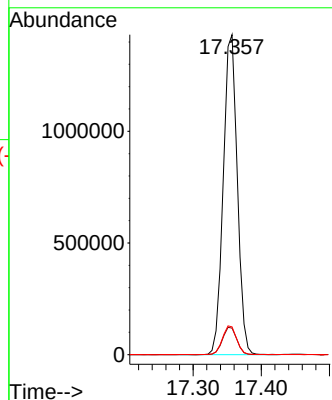
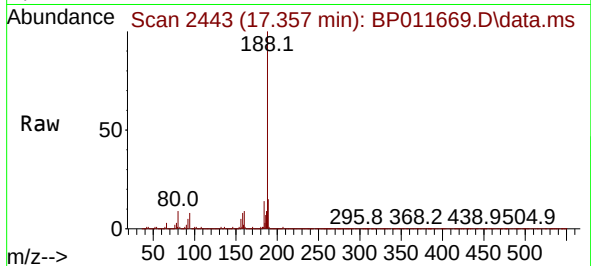




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

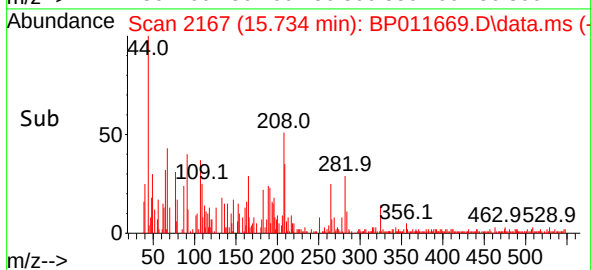
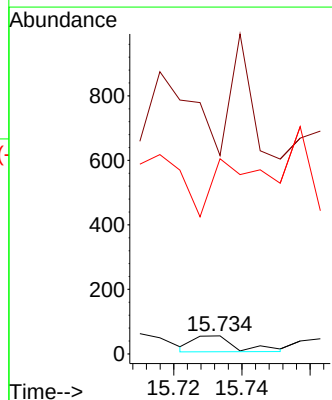
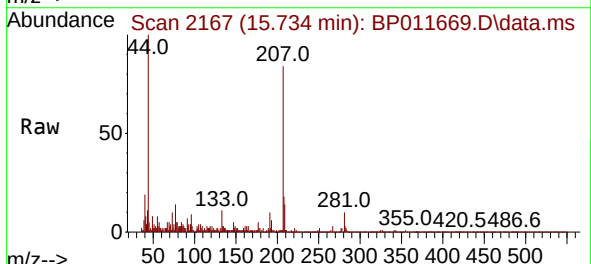
Instrument :
BNA_P
ClientSampleId :
MW-57

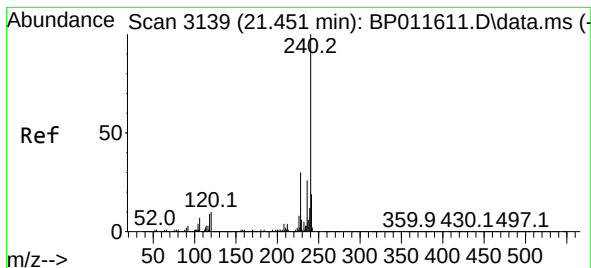
Tgt Ion:188 Resp: 2047101
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.894 ng
RT: 15.734 min Scan# 2167
Delta R.T. 0.012 min
Lab File: BP011669.D
Acq: 09 Sep 2022 18:31

Tgt Ion:198 Resp: 45
Ion Ratio Lower Upper
198 100
51 1098.2 41.2 81.2#
105 1080.4 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: BP011669.D

Acq: 09 Sep 2022 18:31

Instrument :

BNA_P

ClientSampleId :

MW-57

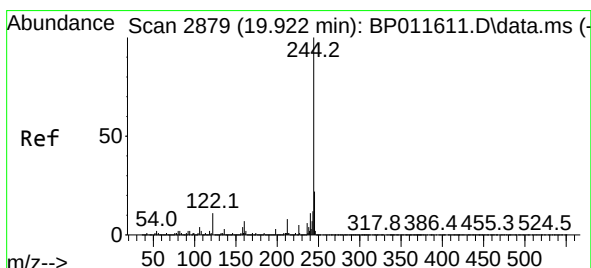
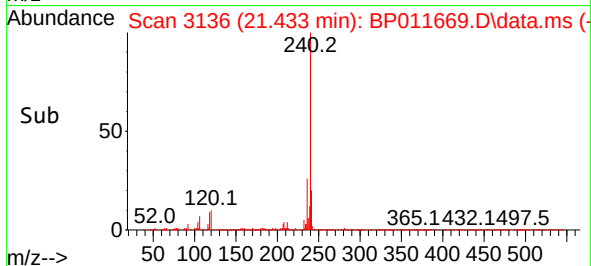
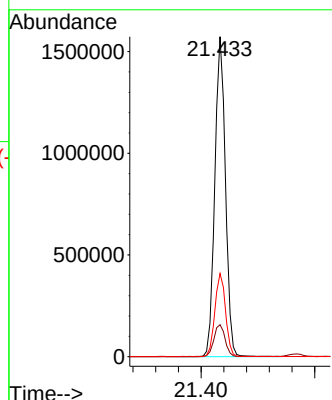
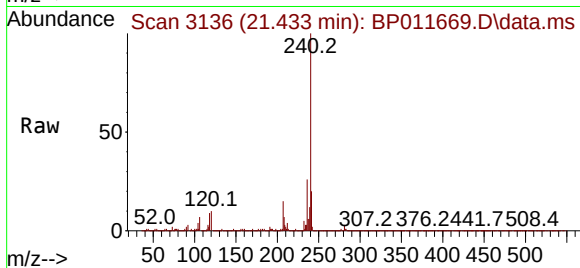
Tgt Ion:240 Resp: 2030492

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 26.0 19.8 29.6



#79

Terphenyl-d14

Concen: 108.829 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BP011669.D

Acq: 09 Sep 2022 18:31

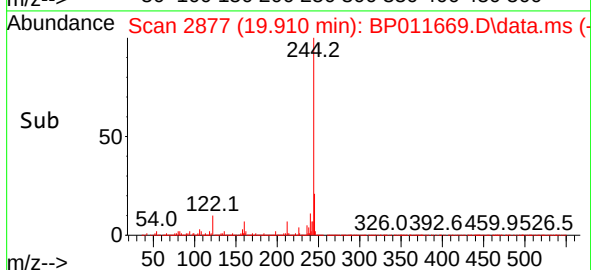
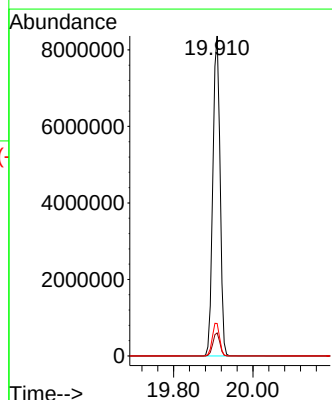
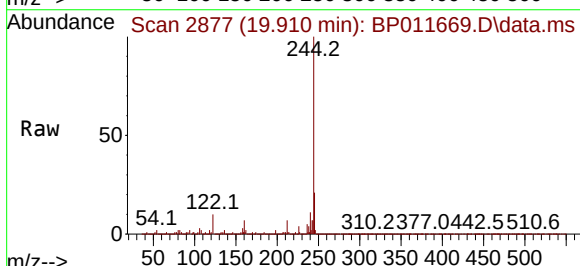
Tgt Ion:244 Resp:10550391

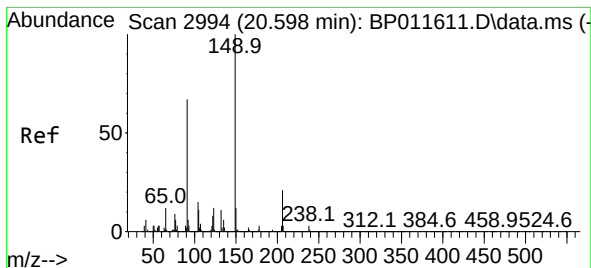
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.2 7.6 11.4





#80

Butylbenzylphthalate

Concen: 3.746 ng

RT: 20.545 min Scan# 2994

Delta R.T. -0.041 min

Lab File: BP011669.D

Acq: 09 Sep 2022 18:31

Instrument :

BNA_P

ClientSampleId :

MW-57

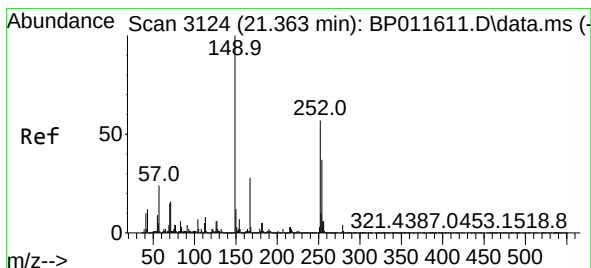
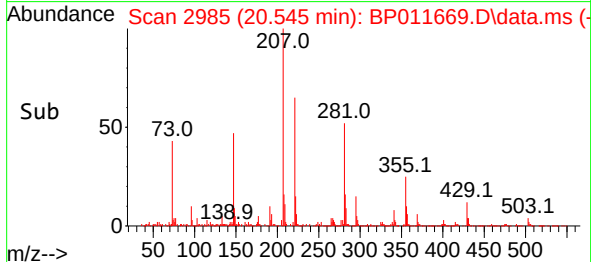
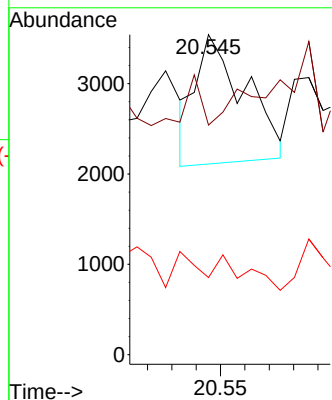
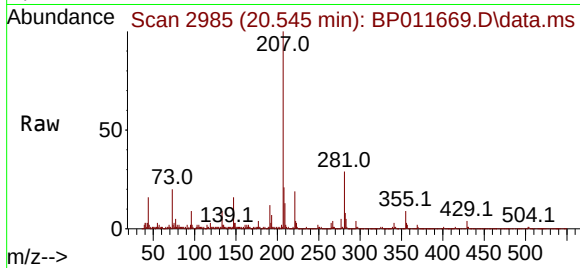
Tgt Ion:149 Resp: 2008

Ion Ratio Lower Upper

149 100

91 71.8 62.5 93.7

206 24.1 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.008 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP011669.D

Acq: 09 Sep 2022 18:31

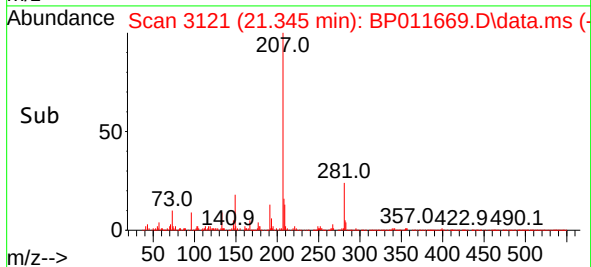
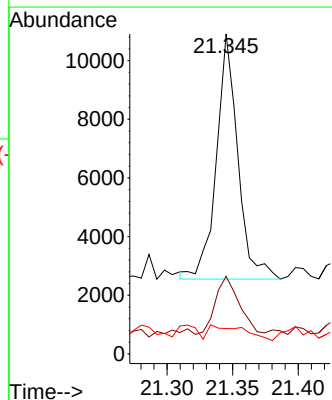
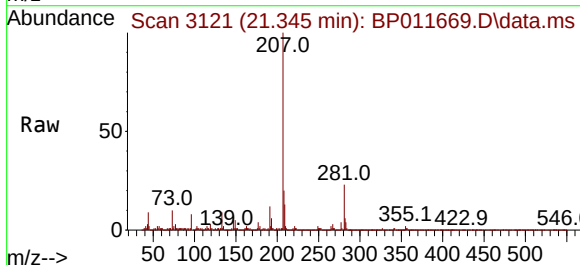
Tgt Ion:149 Resp: 9497

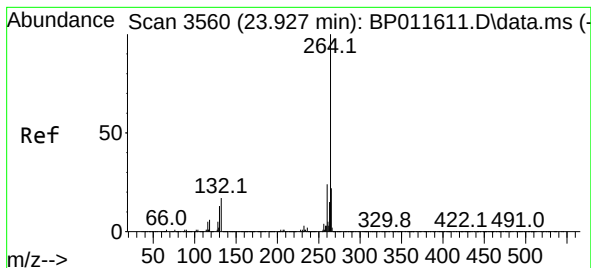
Ion Ratio Lower Upper

149 100

167 24.3 21.8 32.8

279 7.9 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: BP011669.D

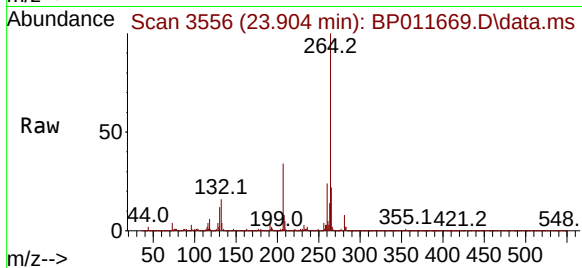
Acq: 09 Sep 2022 18:31

Instrument :

BNA_P

ClientSampleId :

MW-57



Tgt Ion:264 Resp: 2237676

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.9 18.0 27.0

