

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011662.D
 Acq On : 09 Sep 2022 12:59
 Operator : CG/JU
 Sample : PB147529BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147529BL

Quant Time: Sep 10 00:51:01 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)

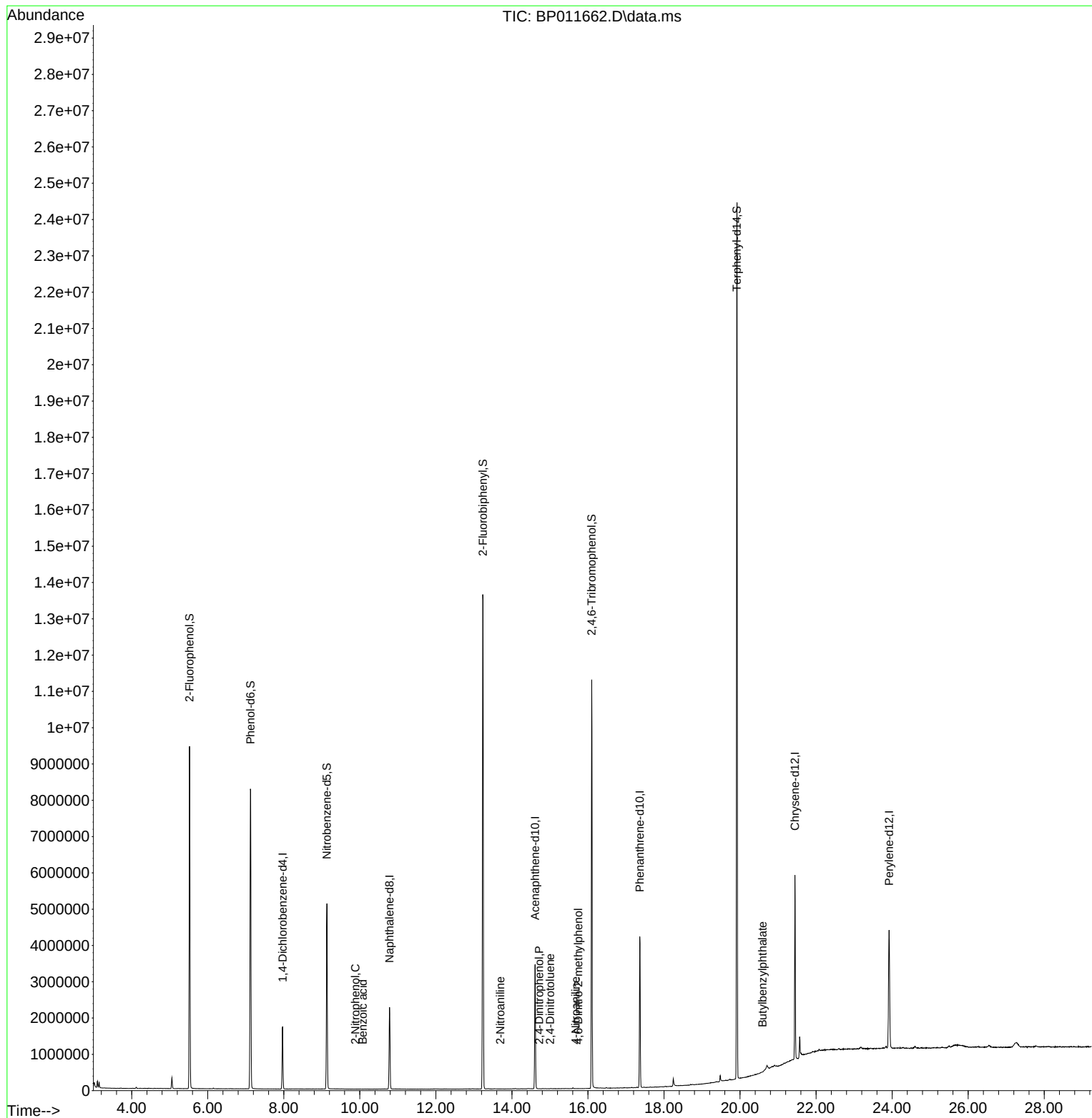
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	510166	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1995542	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	1194307	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	2542010	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2487082	20.000	ng	0.00
86) Perylene-d12	23.921	264	2552230	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	4373646	151.622	ng	0.00
7) Phenol-d6	7.122	99	5363068	140.509	ng	0.00
23) Nitrobenzene-d5	9.134	82	2915121	89.670	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	2267116	168.012	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	7398206	88.582	ng	0.01
79) Terphenyl-d14	19.916	244	11538924	97.175	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.887	139	25	4.891	ng	# 1
32) Benzoic acid	10.081	122	139	8.605	ng	# 1
48) 2-Nitroaniline	13.692	65	136	3.409	ng	# 37
54) 2,4-Dinitrophenol	14.716	184	17	6.454	ng	# 1
57) 2,4-Dinitrotoluene	15.004	165	136	3.649	ng	# 31
62) 4-Nitroaniline	15.675	138	205	2.654	ng	# 73
65) 4,6-Dinitro-2-methylph...	15.745	198	36	7.892	ng	# 1
80) Butylbenzylphthalate	20.592	149	1960	3.739	ng	# 67

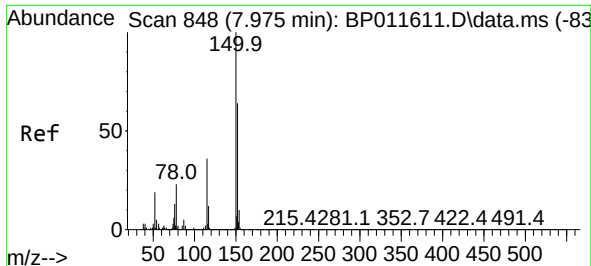
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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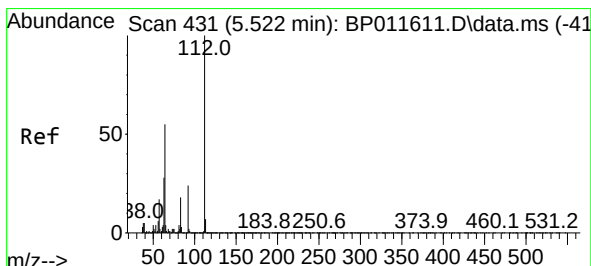
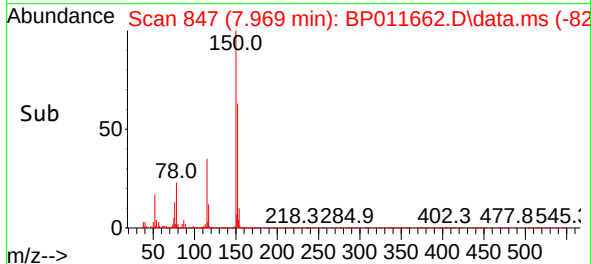
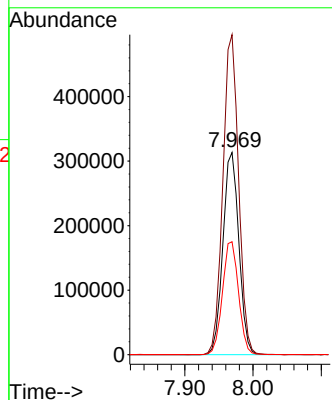
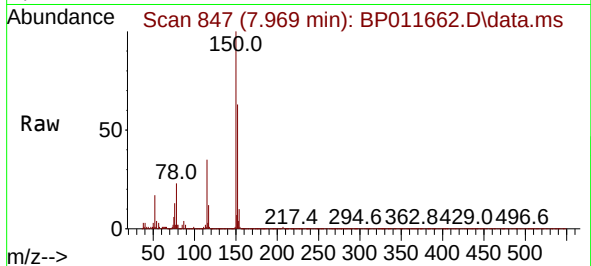




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. 0.005 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

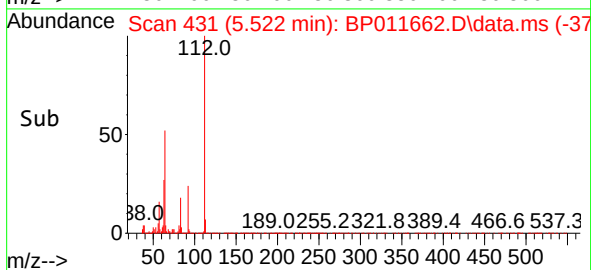
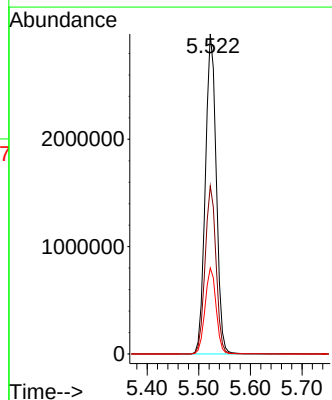
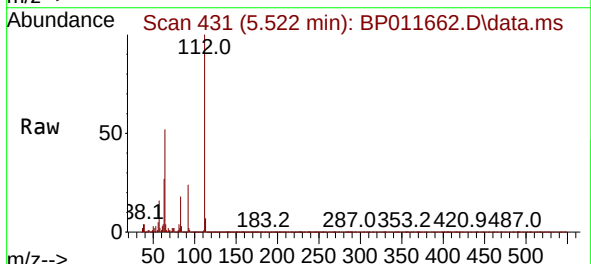
Instrument :
BNA_P
ClientSampleId :
PB147529BL

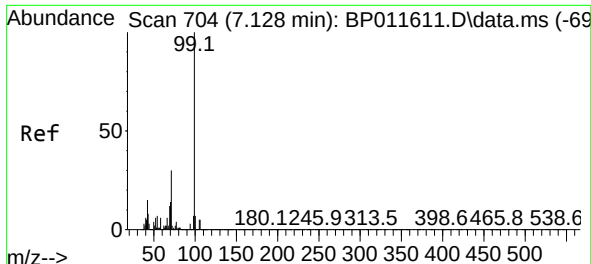
Tgt Ion:152 Resp: 510166
Ion Ratio Lower Upper
152 100
150 158.2 123.4 185.2
115 55.8 51.3 76.9



#5
2-Fluorophenol
Concen: 151.622 ng
RT: 5.522 min Scan# 431
Delta R.T. 0.006 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

Tgt Ion:112 Resp: 4373646
Ion Ratio Lower Upper
112 100
64 52.5 56.9 85.3#
63 26.9 31.2 46.8#





#7

Phenol-d6

Concen: 140.509 ng

RT: 7.122 min Scan# 704

Delta R.T. 0.006 min

Lab File: BP011662.D

Acq: 09 Sep 2022 12:59

Instrument :

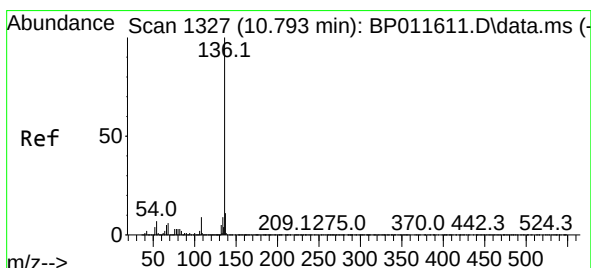
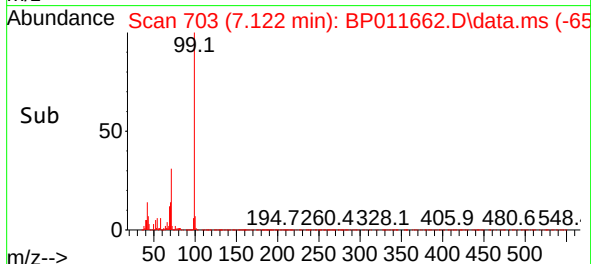
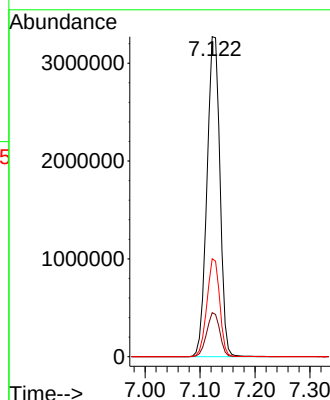
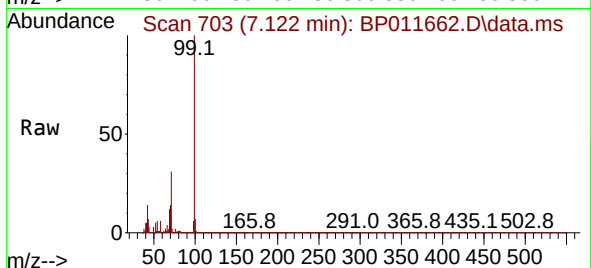
BNA_P

ClientSampleId :

PB147529BL

Tgt Ion: 99 Resp: 5363068

Ion	Ratio	Lower	Upper
99	100		
42	13.7	20.3	30.5#
71	30.6	33.9	50.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.781 min Scan# 1325

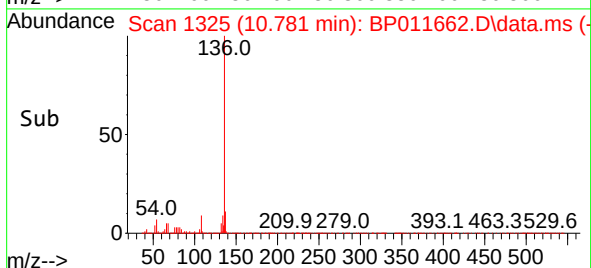
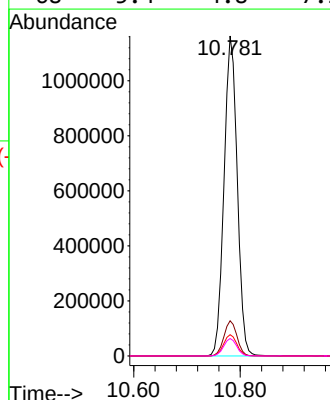
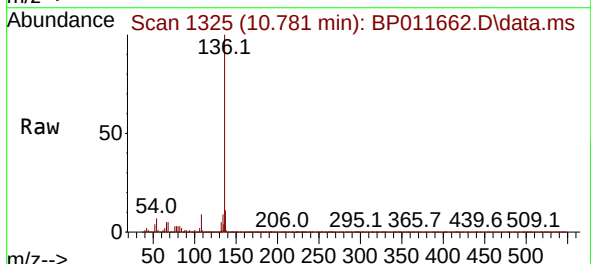
Delta R.T. 0.006 min

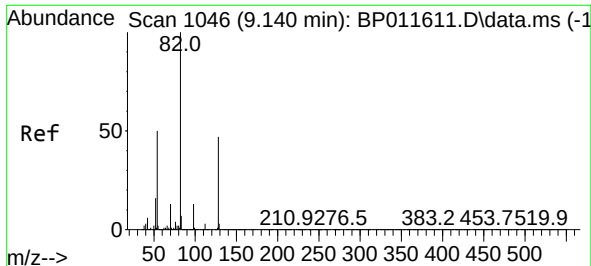
Lab File: BP011662.D

Acq: 09 Sep 2022 12:59

Tgt Ion:136 Resp: 1995542

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	8.7	13.1#
68	5.4	4.8	7.2

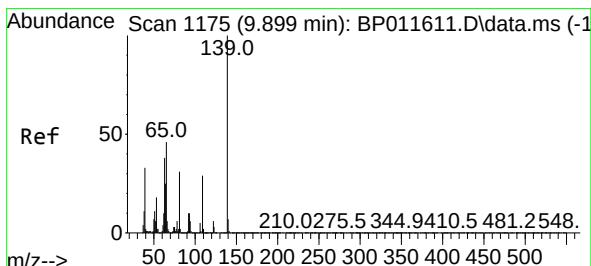
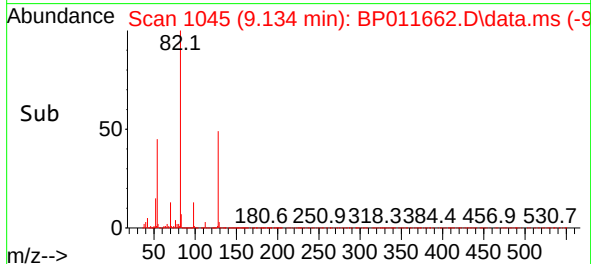
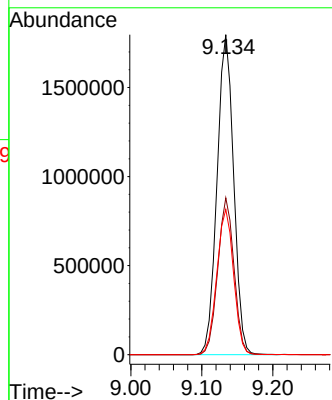
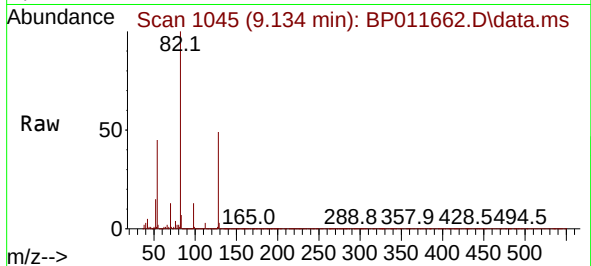




#23
Nitrobenzene-d5
Concen: 89.670 ng
RT: 9.134 min Scan# 1045
Delta R.T. 0.006 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

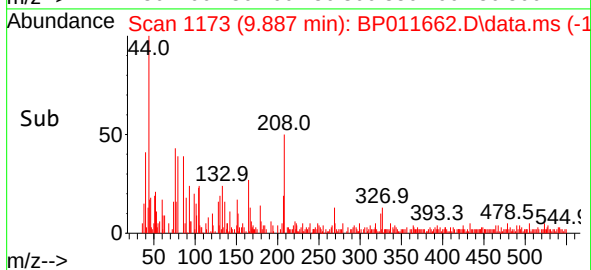
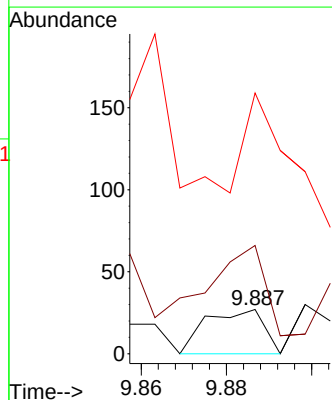
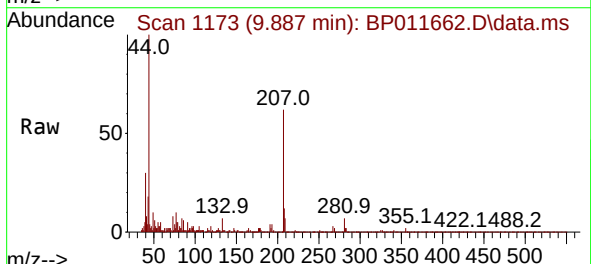
Instrument :
BNA_P
ClientSampleId :
PB147529BL

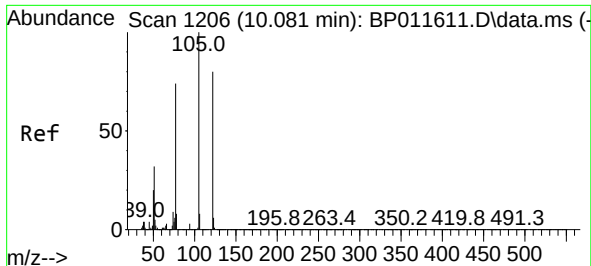
Tgt Ion: 82 Resp: 2915121
Ion Ratio Lower Upper
82 100
128 49.0 31.3 46.9#
54 45.4 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.891 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

Tgt Ion:139 Resp: 25
Ion Ratio Lower Upper
139 100
109 244.4 30.2 45.4#
65 588.9 52.2 78.2#

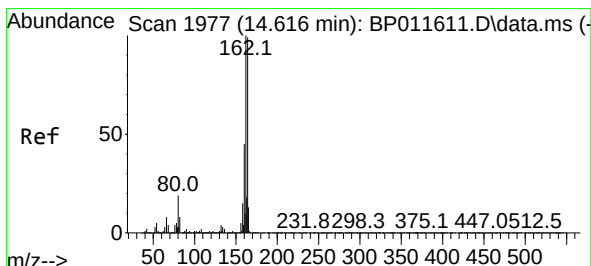
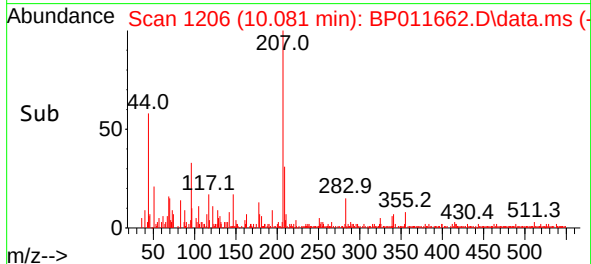
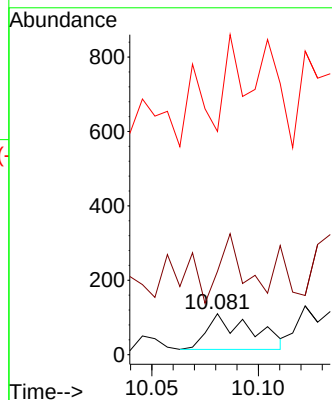
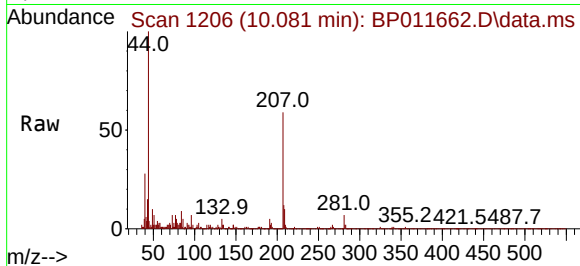




#32
Benzoic acid
Concen: 8.605 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.017 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

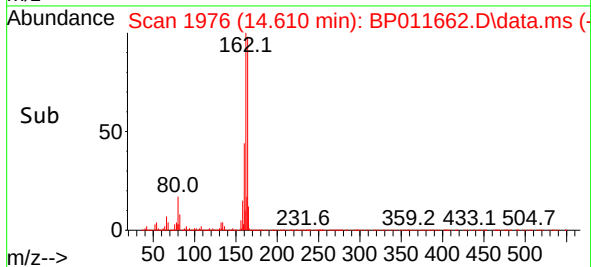
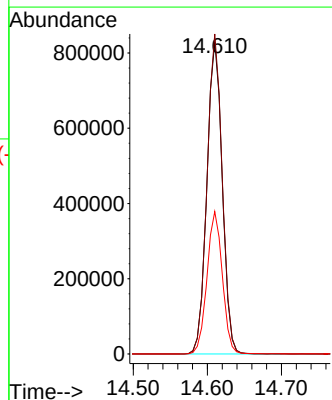
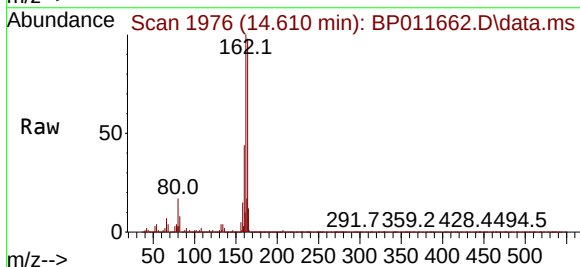
Instrument :
BNA_P
ClientSampleId :
PB147529BL

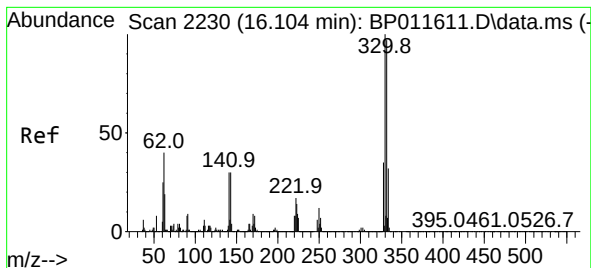
Tgt Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 203.6 112.6 152.6#
77 545.5 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

Tgt Ion:164 Resp: 1194307
Ion Ratio Lower Upper
164 100
162 102.4 81.9 122.9
160 45.6 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 168.012 ng

RT: 16.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011662.D

Acq: 09 Sep 2022 12:59

Instrument :

BNA_P

ClientSampleId :

PB147529BL

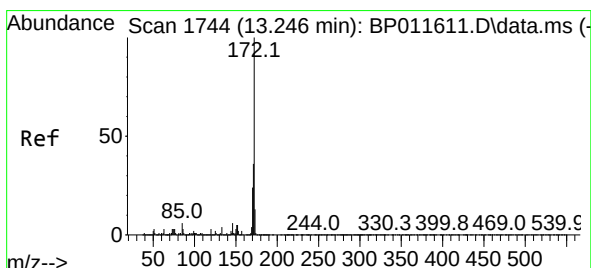
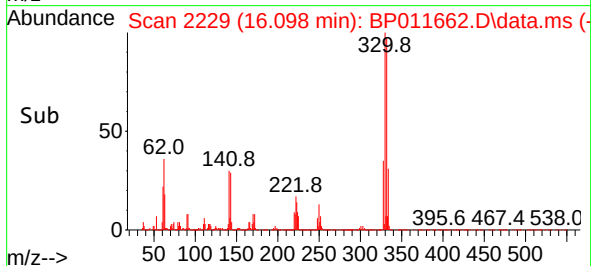
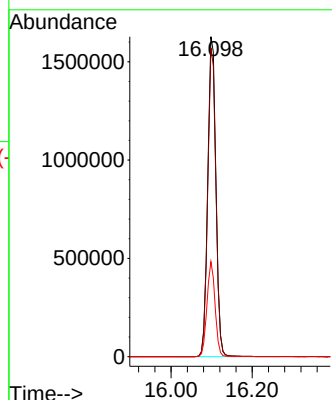
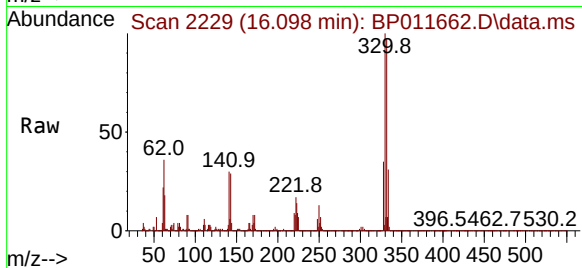
Tgt Ion:330 Resp: 2267116

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

141 29.4 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 88.582 ng

RT: 13.239 min Scan# 1743

Delta R.T. 0.012 min

Lab File: BP011662.D

Acq: 09 Sep 2022 12:59

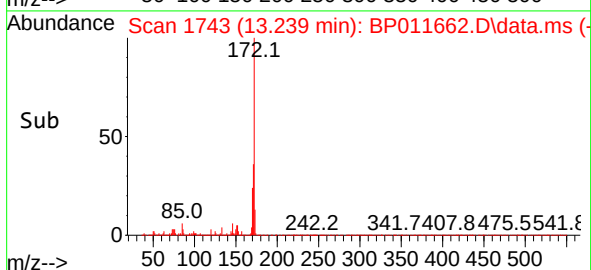
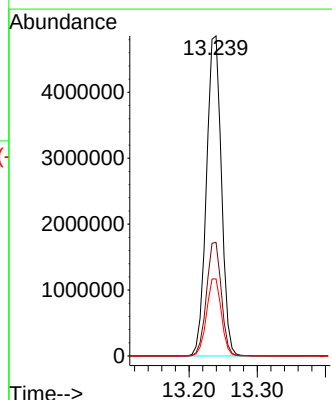
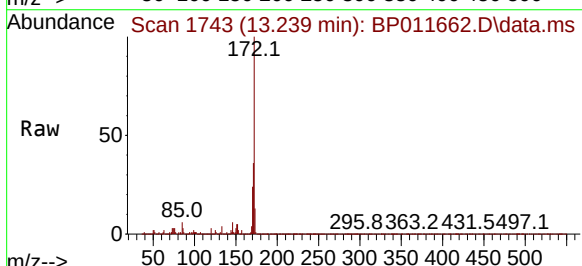
Tgt Ion:172 Resp: 7398206

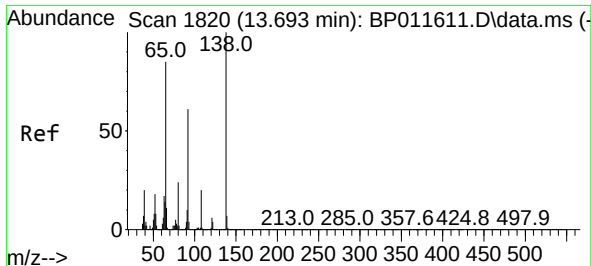
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 24.1 18.2 27.2

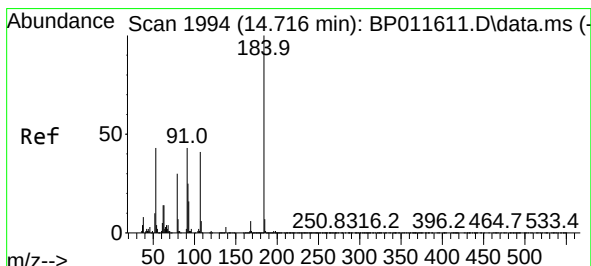
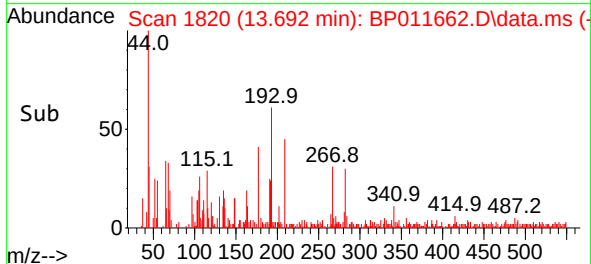
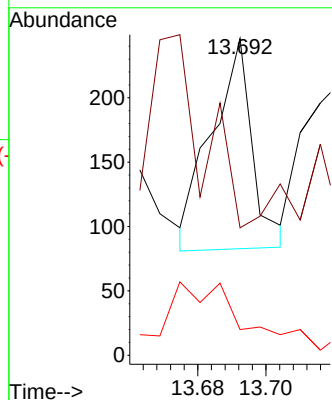
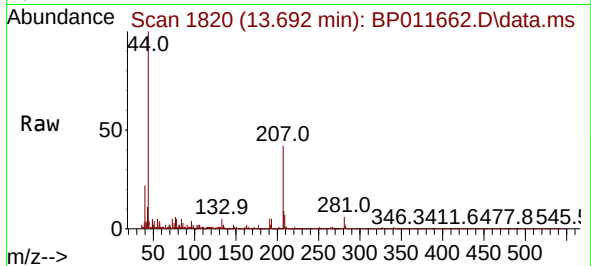




#48
2-Nitroaniline
Concen: 3.409 ng
RT: 13.692 min Scan# 1820
Delta R.T. 0.012 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

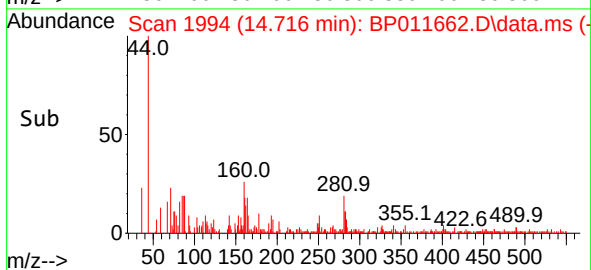
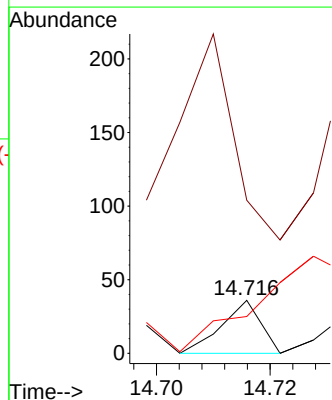
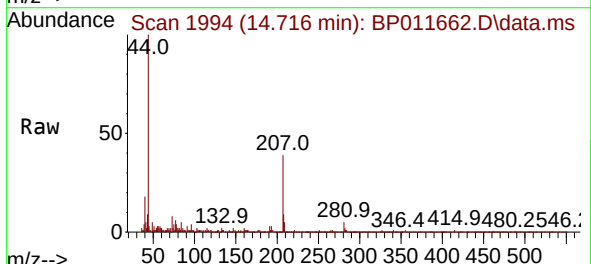
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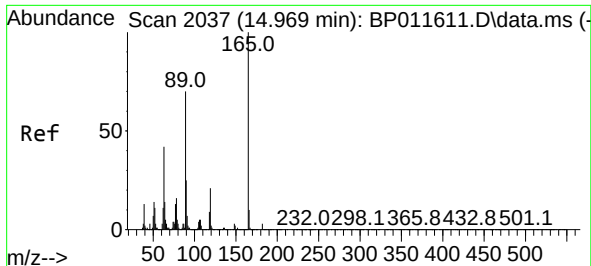
Tgt Ion: 65 Resp: 136
Ion Ratio Lower Upper
65 100
92 40.2 50.0 75.0#
138 8.1 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.454 ng
RT: 14.716 min Scan# 1994
Delta R.T. 0.012 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

Tgt Ion: 184 Resp: 17
Ion Ratio Lower Upper
184 100
63 288.9 65.4 98.2#
154 69.4 55.4 83.2

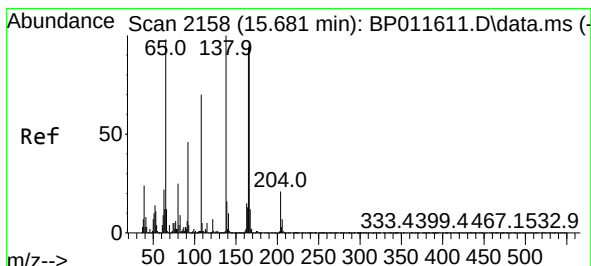
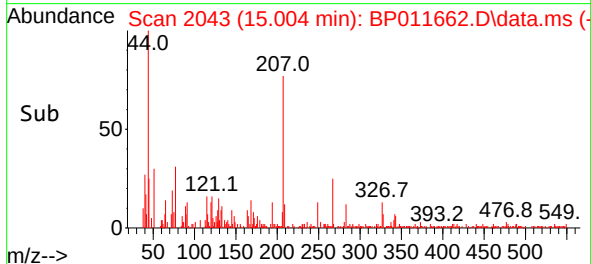
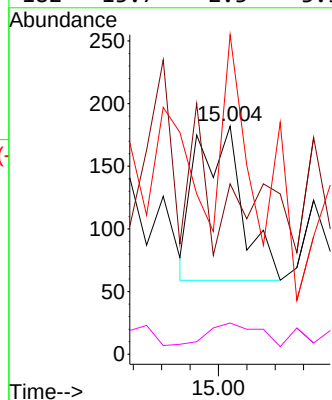
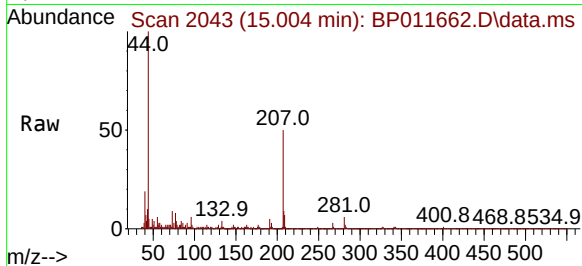




#57
2,4-Dinitrotoluene
Concen: 3.649 ng
RT: 15.004 min Scan# 2037
Delta R.T. 0.041 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

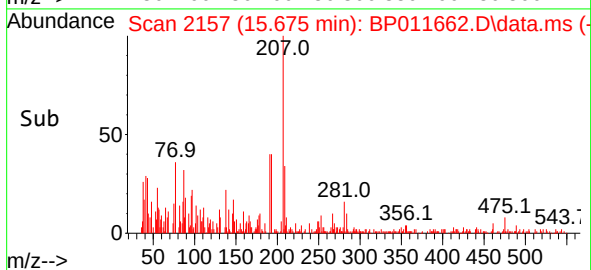
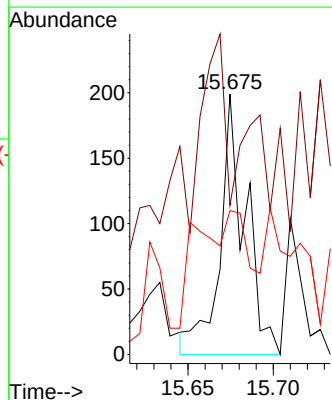
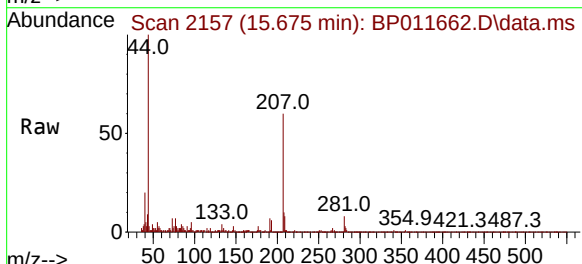
Instrument :
BNA_P
ClientSampleId :
PB147529BL

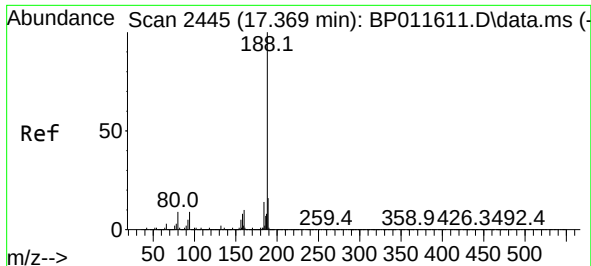
Tgt Ion:	165	Resp:	136
Ion	Ratio	Lower	Upper
165	100		
63	74.7	46.2	69.2#
89	173.6	65.8	98.8#
182	13.7	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.654 ng
RT: 15.675 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

Tgt Ion:	138	Resp:	205
Ion	Ratio	Lower	Upper
138	100		
92	57.3	38.0	78.0
108	55.3	77.6	117.6#

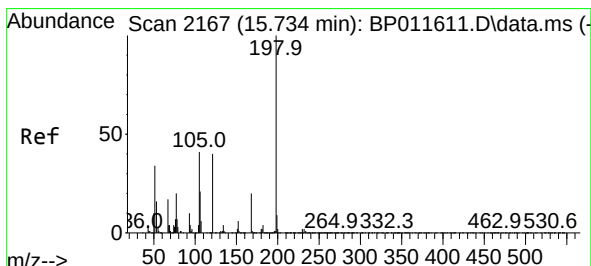
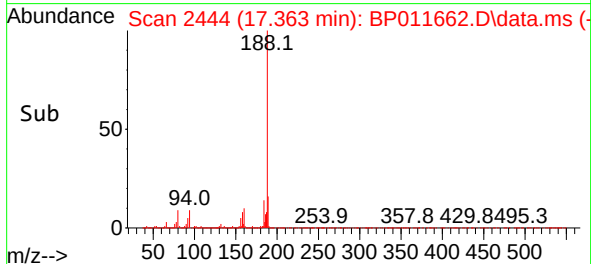
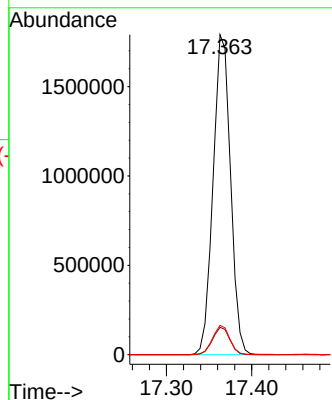
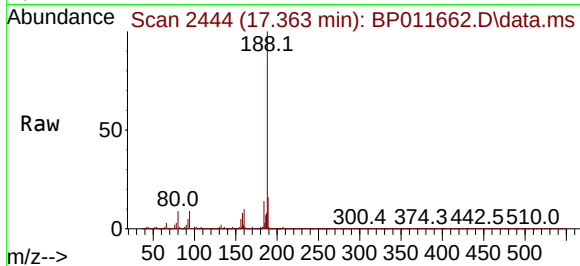




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

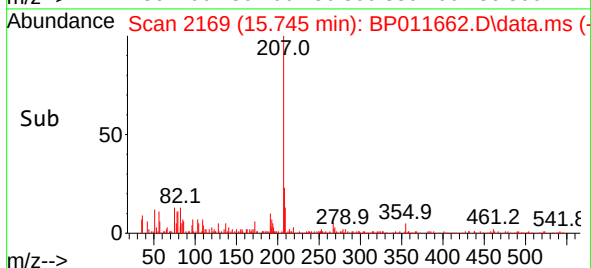
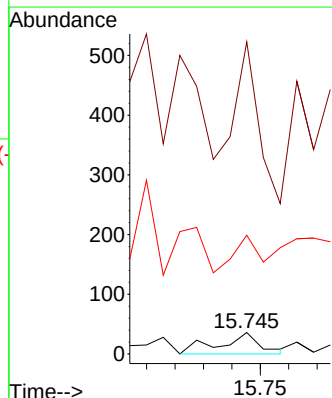
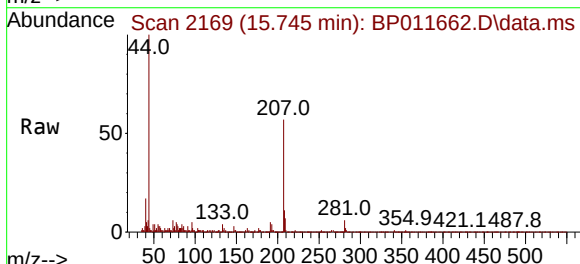
Instrument :
BNA_P
ClientSampleId :
PB147529BL

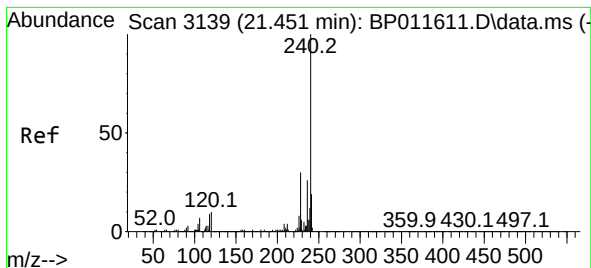
Tgt Ion:188 Resp: 2542010
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.2 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.892 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.023 min
Lab File: BP011662.D
Acq: 09 Sep 2022 12:59

Tgt Ion:198 Resp: 36
Ion Ratio Lower Upper
198 100
51 1452.8 41.2 81.2#
105 552.8 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3139

Delta R.T. 0.006 min

Lab File: BP011662.D

Acq: 09 Sep 2022 12:59

Instrument :

BNA_P

ClientSampleId :

PB147529BL

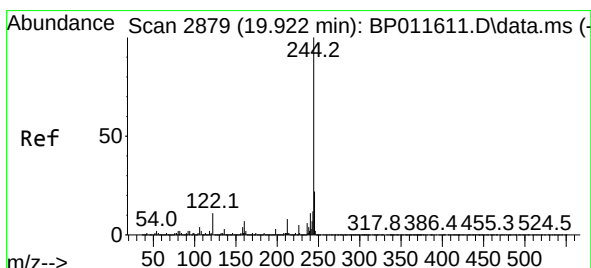
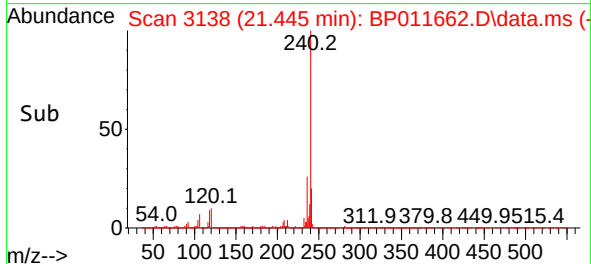
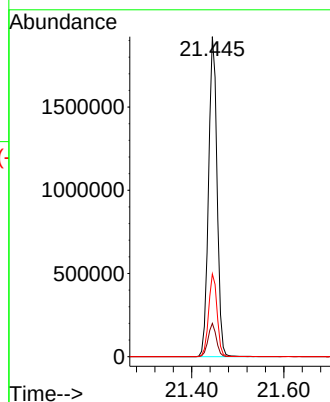
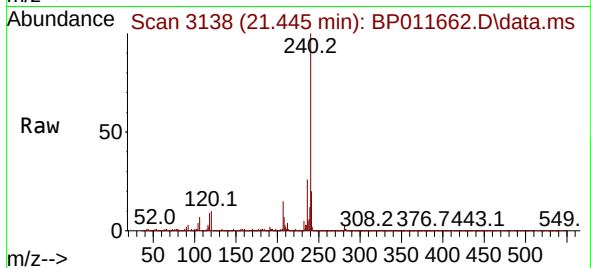
Tgt Ion:240 Resp: 2487082

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

236 25.9 19.8 29.6



#79

Terphenyl-d14

Concen: 97.175 ng

RT: 19.916 min Scan# 2878

Delta R.T. 0.006 min

Lab File: BP011662.D

Acq: 09 Sep 2022 12:59

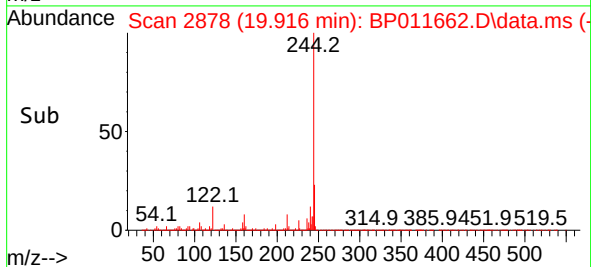
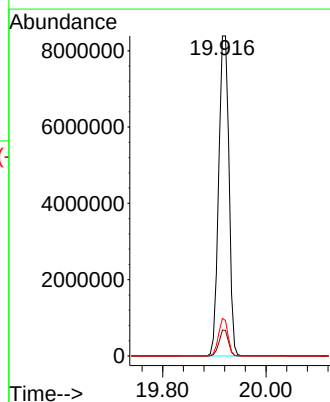
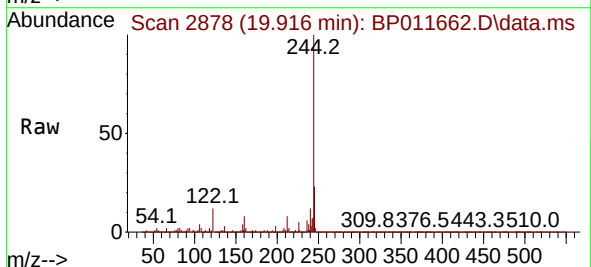
Tgt Ion:244 Resp:11538924

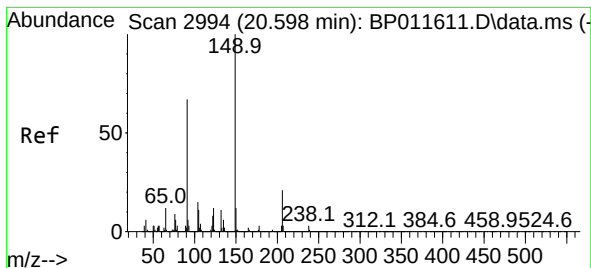
Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 11.8 7.6 11.4#





#80

Butylbenzylphthalate

Concen: 3.739 ng

RT: 20.592 min Scan# 2993

Delta R.T. 0.006 min

Lab File: BP011662.D

Acq: 09 Sep 2022 12:59

Instrument :

BNA_P

ClientSampleId :

PB147529BL

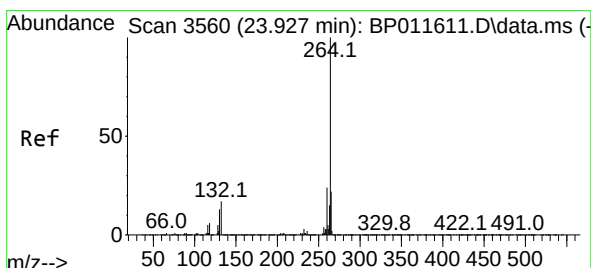
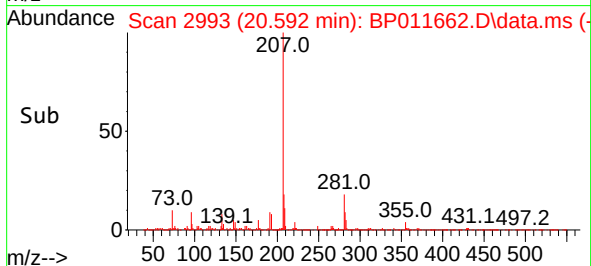
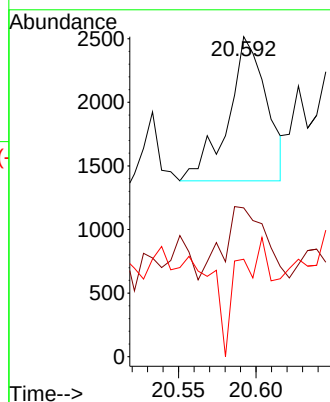
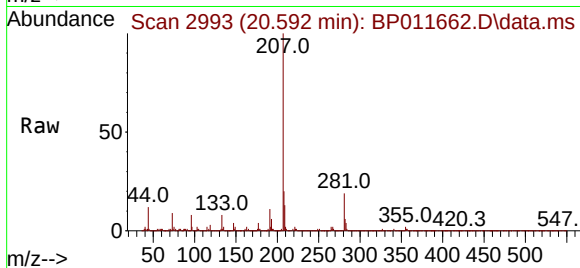
Tgt Ion:149 Resp: 1960

Ion Ratio Lower Upper

149 100

91 46.5 62.5 93.7#

206 30.5 17.0 25.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3559

Delta R.T. 0.012 min

Lab File: BP011662.D

Acq: 09 Sep 2022 12:59

Tgt Ion:264 Resp: 2552230

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.8 18.0 27.0

