

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011665.D
 Acq On : 09 Sep 2022 16:04
 Operator : CG/JU
 Sample : PB147520TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147520TB

Quant Time: Sep 10 00:53:01 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)

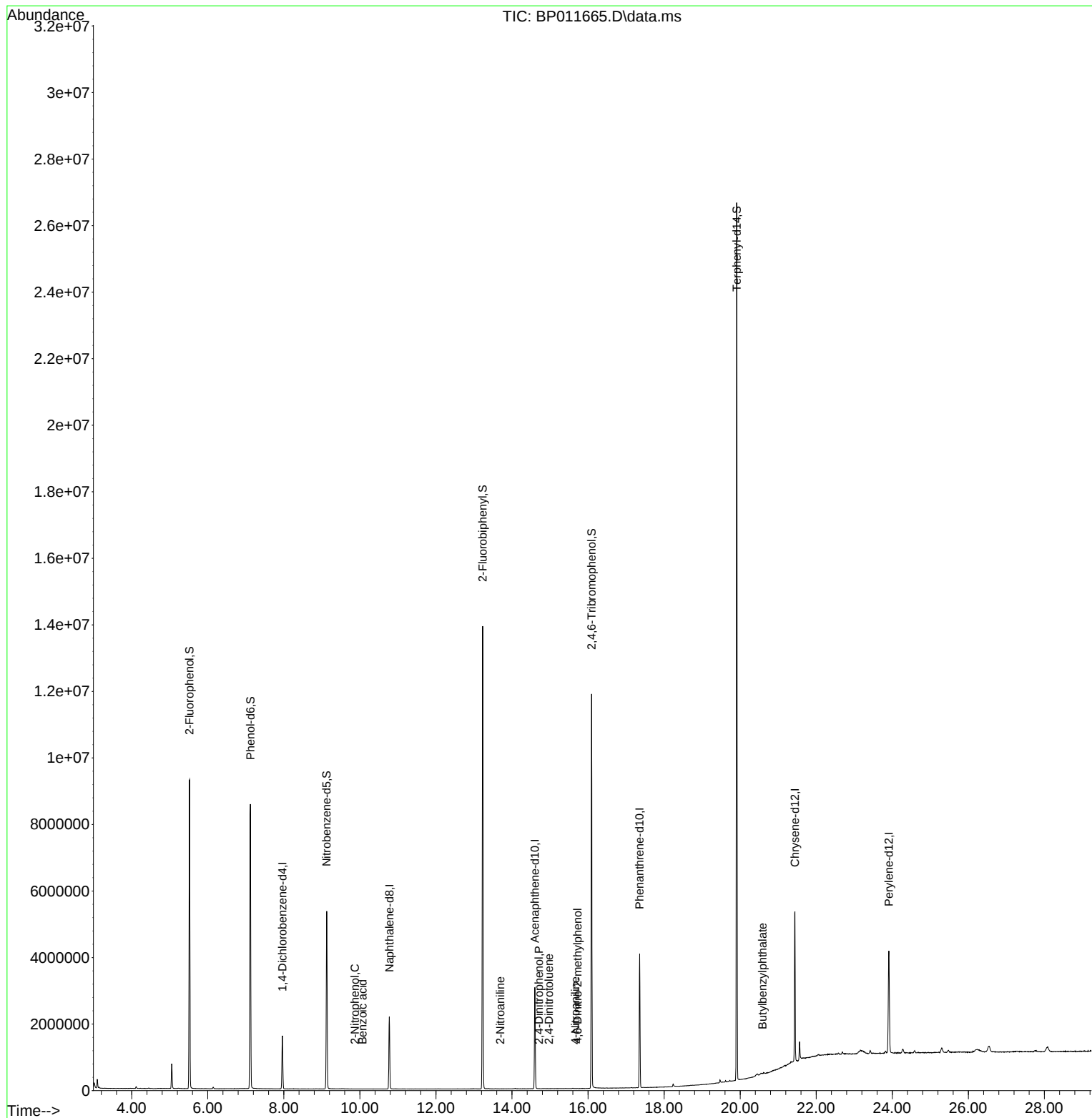
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	469257	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1870154	20.000	ng	# 0.00
39) Acenaphthene-d10	14.604	164	1115371	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2366204	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2263843	20.000	ng	0.00
86) Perylene-d12	23.910	264	2319859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	4513846	170.124	ng	0.00
7) Phenol-d6	7.122	99	5501392	156.698	ng	0.00
23) Nitrobenzene-d5	9.128	82	3039195	99.755	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	2371694	188.200	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	7640480	97.957	ng	0.00
79) Terphenyl-d14	19.910	244	12035598	111.353	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.869	139	65	4.894	ng	# 1
32) Benzoic acid	10.069	122	34	8.600	ng	# 1
48) 2-Nitroaniline	13.692	65	218	3.414	ng	# 36
54) 2,4-Dinitrophenol	14.710	184	15	6.454	ng	# 1
57) 2,4-Dinitrotoluene	14.975	165	192	3.652	ng	# 83
62) 4-Nitroaniline	15.663	138	86	2.649	ng	# 32
65) 4,6-Dinitro-2-methylph...	15.722	198	26	7.891	ng	# 1
80) Butylbenzylphthalate	20.586	149	891	3.725	ng	# 75

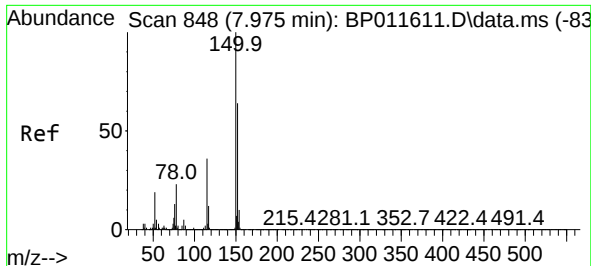
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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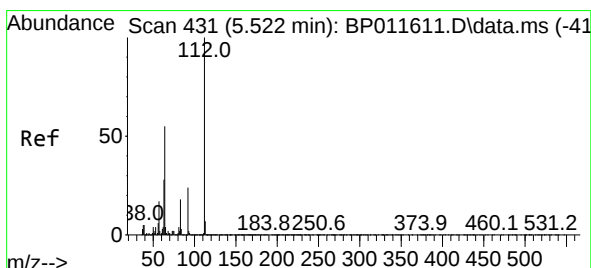
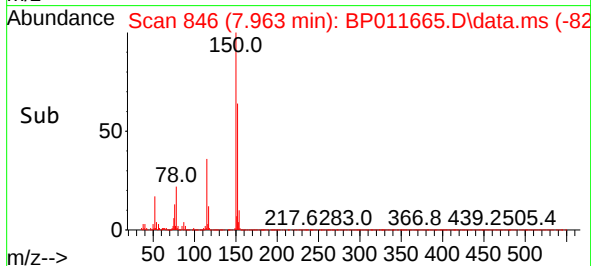
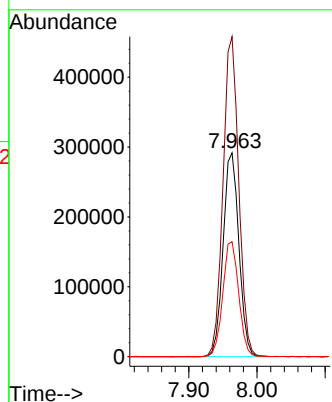
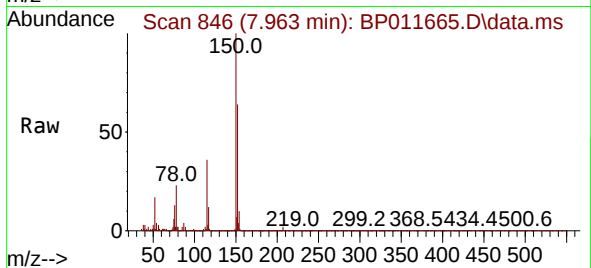




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.001 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

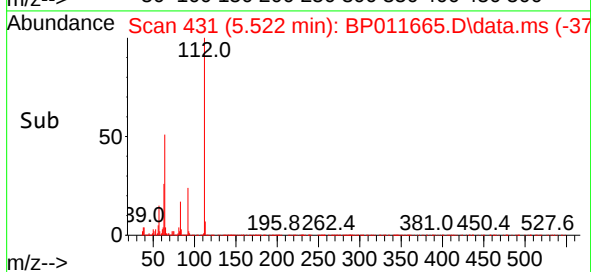
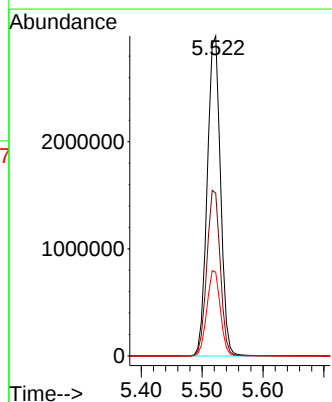
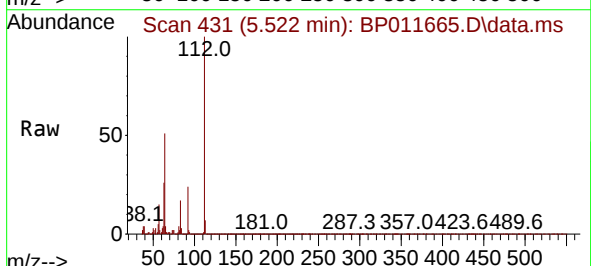
Instrument :
BNA_P
ClientSampleId :
PB147520TB

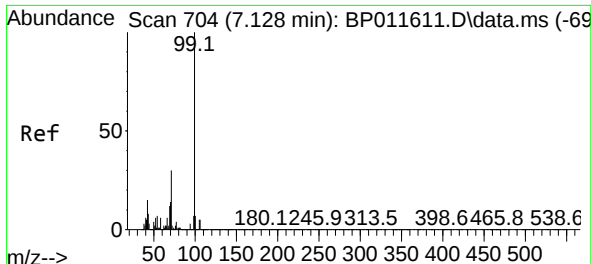
Tgt Ion:152 Resp: 469257
Ion Ratio Lower Upper
152 100
150 157.0 123.4 185.2
115 56.5 51.3 76.9



#5
2-Fluorophenol
Concen: 170.124 ng
RT: 5.522 min Scan# 431
Delta R.T. 0.006 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Tgt Ion:112 Resp: 4513846
Ion Ratio Lower Upper
112 100
64 50.9 56.9 85.3#
63 26.2 31.2 46.8#

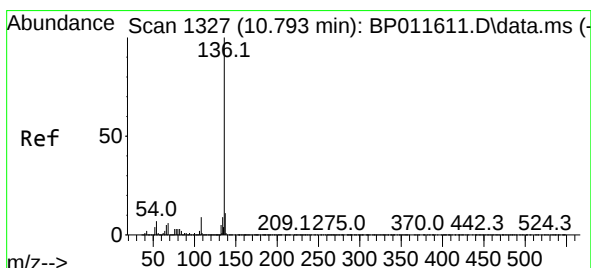
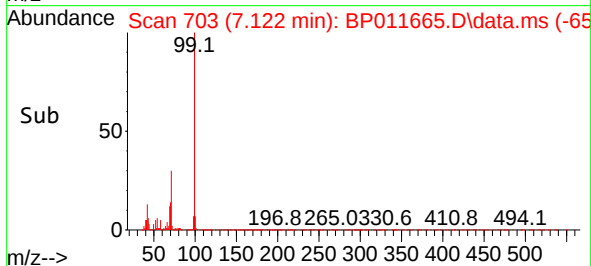
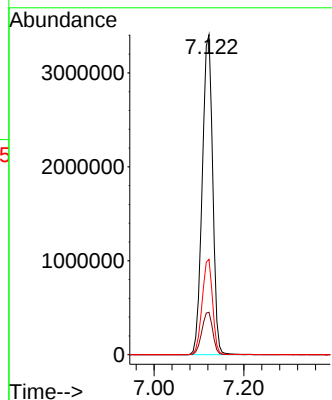
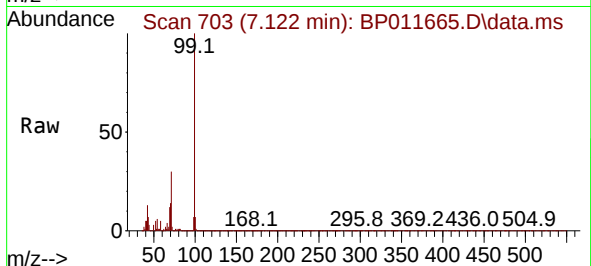




#7
Phenol-d6
Concen: 156.698 ng
RT: 7.122 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

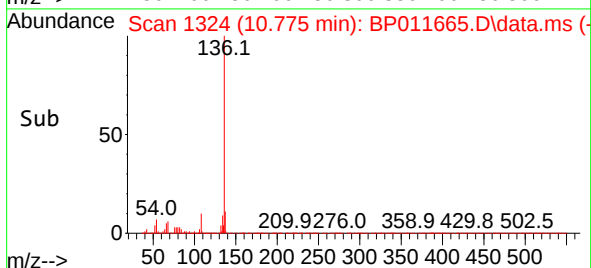
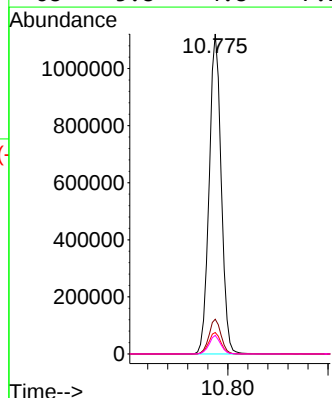
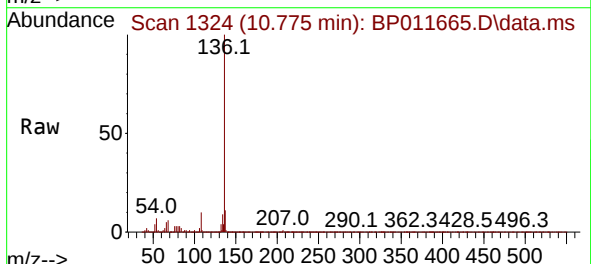
Instrument :
BNA_P
ClientSampleId :
PB147520TB

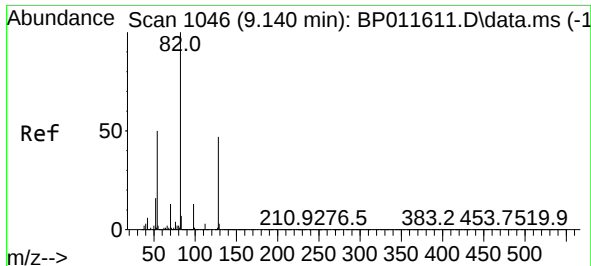
Tgt Ion: 99 Resp: 5501392
Ion Ratio Lower Upper
99 100
42 13.3 20.3 30.5#
71 29.8 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Tgt Ion:136 Resp: 1870154
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.7 8.7 13.1#
68 5.8 4.8 7.2

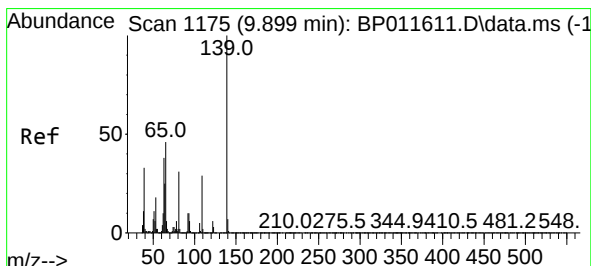
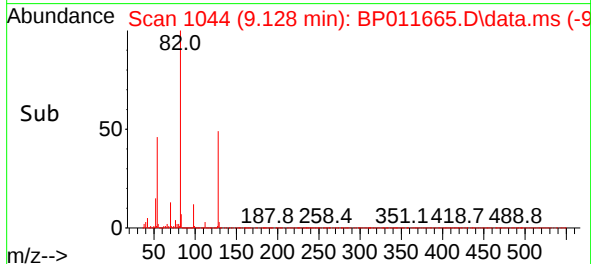
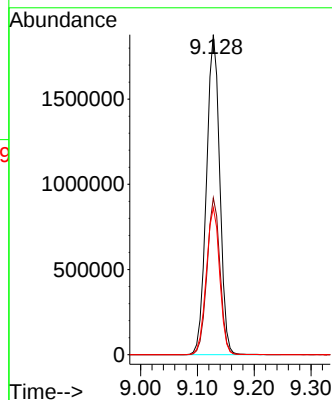
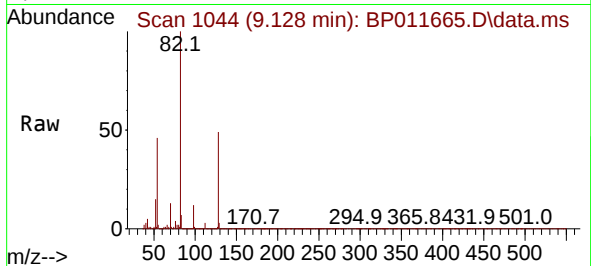




#23
Nitrobenzene-d5
Concen: 99.755 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

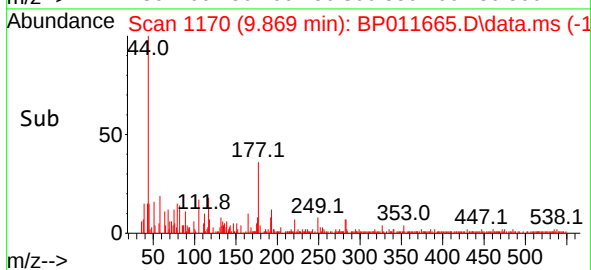
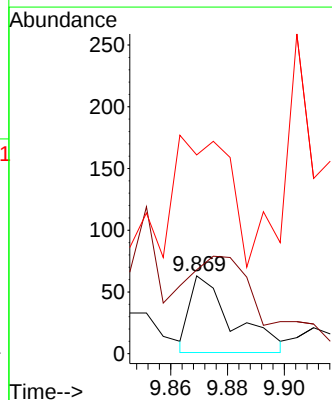
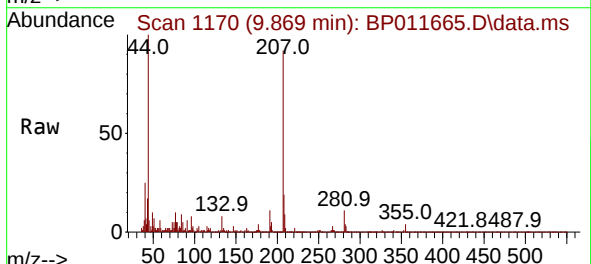
Instrument :
BNA_P
ClientSampleId :
PB147520TB

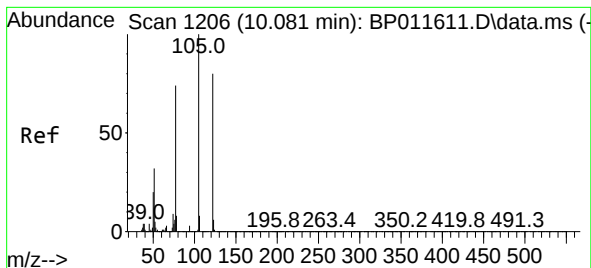
Tgt Ion: 82 Resp: 3039195
Ion Ratio Lower Upper
82 100
128 49.0 31.3 46.9#
54 45.9 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.894 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.018 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Tgt Ion:139 Resp: 65
Ion Ratio Lower Upper
139 100
109 107.9 30.2 45.4#
65 255.6 52.2 78.2#

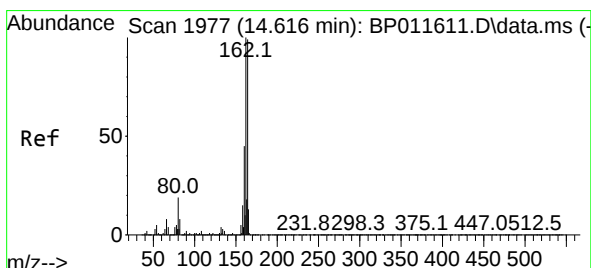
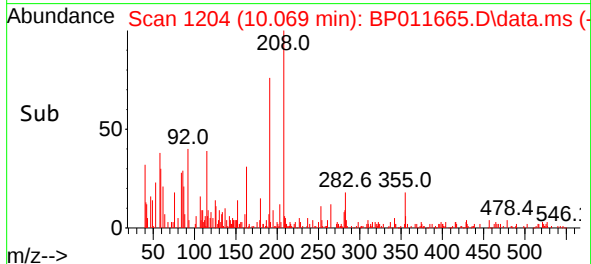
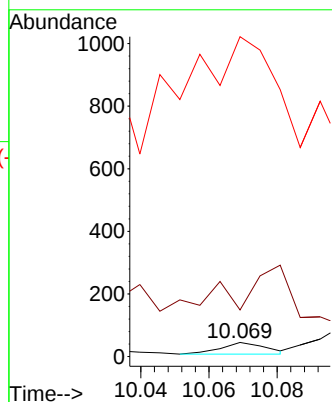
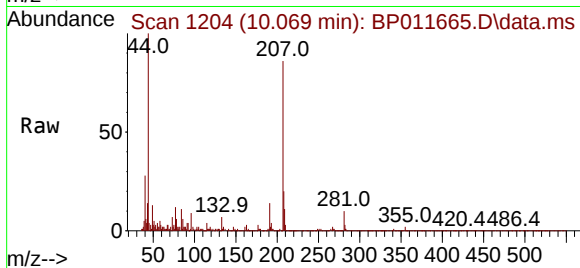




#32
Benzoic acid
Concen: 8.600 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

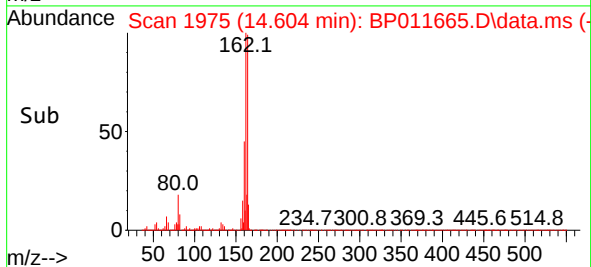
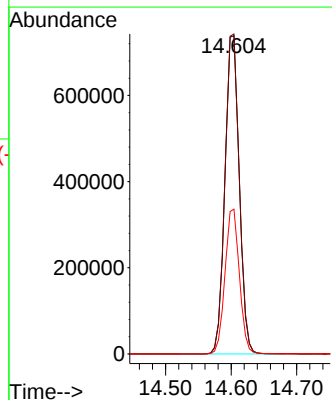
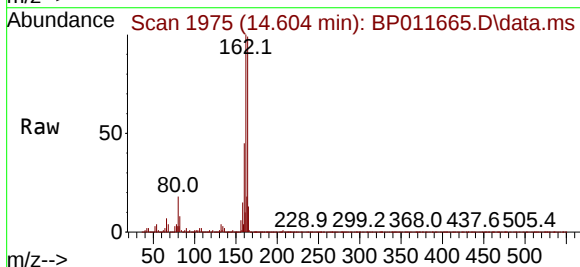
Instrument :
BNA_P
ClientSampleId :
PB147520TB

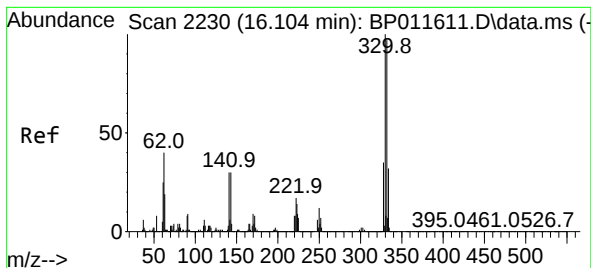
Tgt Ion:122 Resp: 34
Ion Ratio Lower Upper
122 100
105 395.6 112.6 152.6#
77 2271.1 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Tgt Ion:164 Resp: 1115371
Ion Ratio Lower Upper
164 100
162 100.5 81.9 122.9
160 45.5 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 188.200 ng

RT: 16.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011665.D

Acq: 09 Sep 2022 16:04

Instrument :

BNA_P

ClientSampleId :

PB147520TB

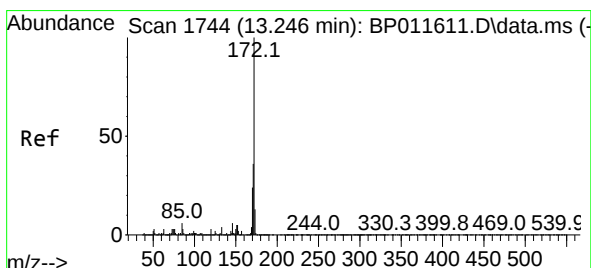
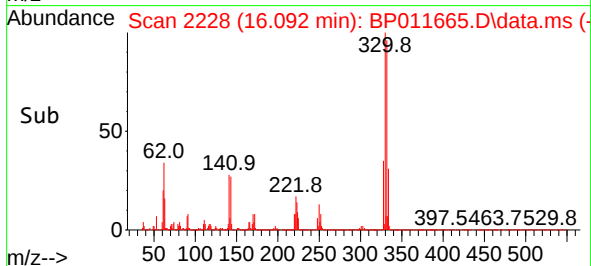
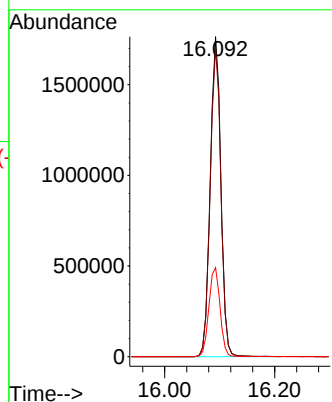
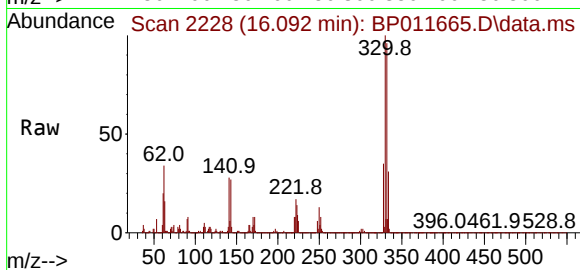
Tgt Ion:330 Resp: 2371694

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 29.1 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 97.957 ng

RT: 13.228 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP011665.D

Acq: 09 Sep 2022 16:04

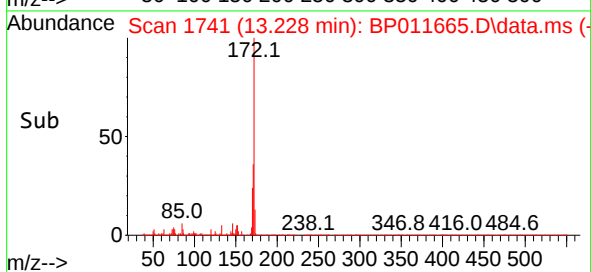
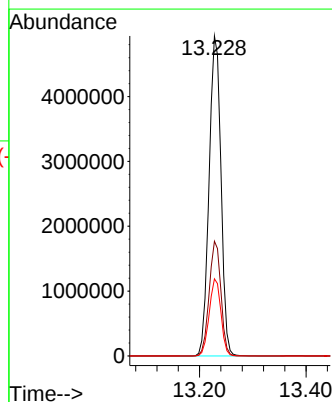
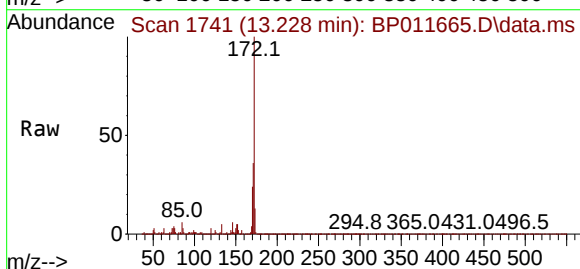
Tgt Ion:172 Resp: 7640480

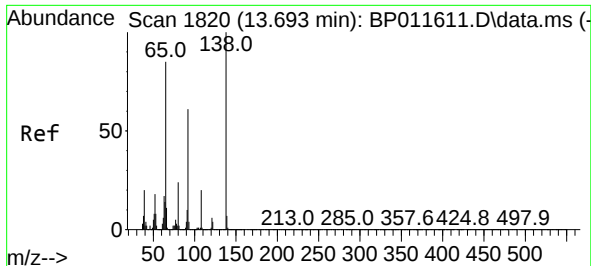
Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 24.1 18.2 27.2

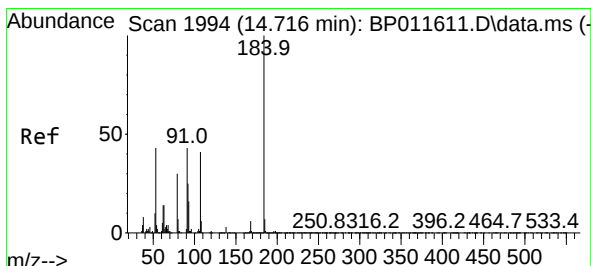
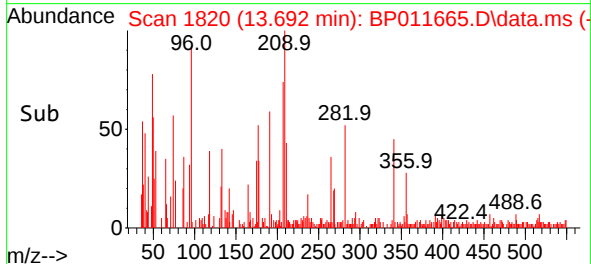
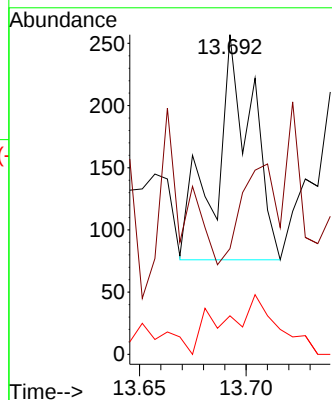
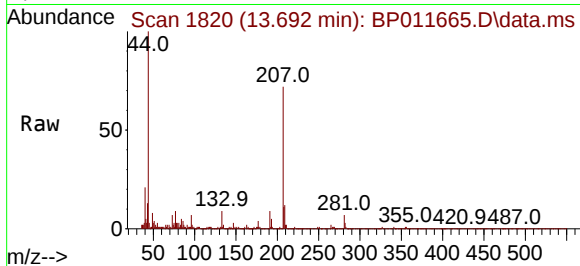




#48
2-Nitroaniline
Concen: 3.414 ng
RT: 13.692 min Scan# 1820
Delta R.T. 0.012 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

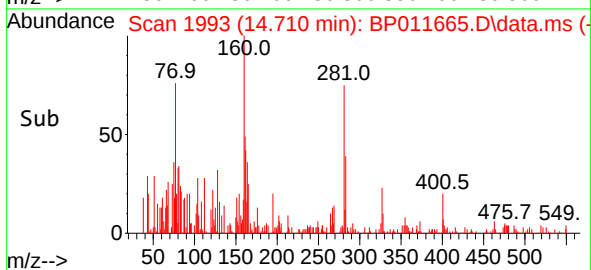
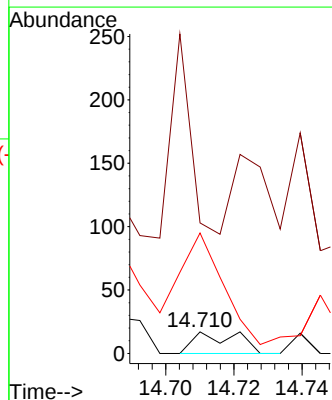
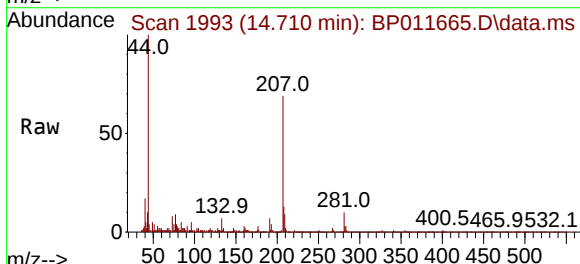
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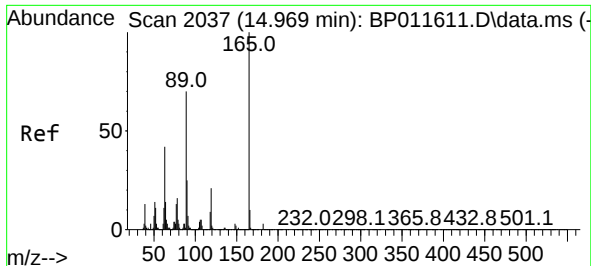
Tgt Ion: 65 Resp: 218
Ion Ratio Lower Upper
65 100
92 33.1 50.0 75.0#
138 12.1 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.454 ng
RT: 14.710 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Tgt Ion: 184 Resp: 15
Ion Ratio Lower Upper
184 100
63 605.9 65.4 98.2#
154 558.8 55.4 83.2#

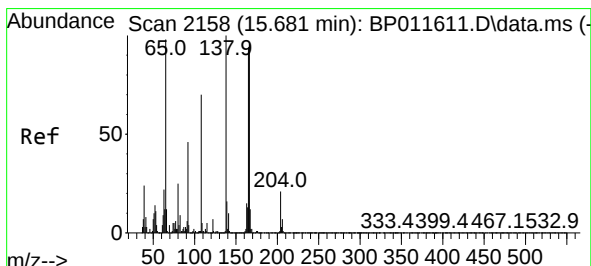
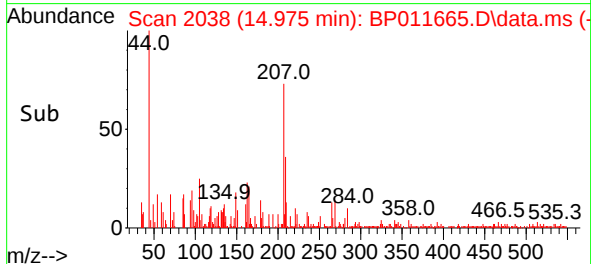
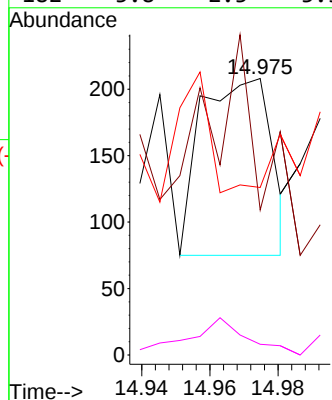
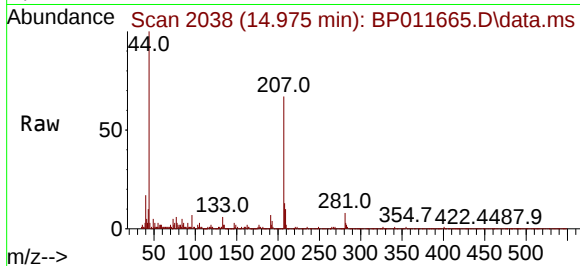




#57
2,4-Dinitrotoluene
Concen: 3.652 ng
RT: 14.975 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

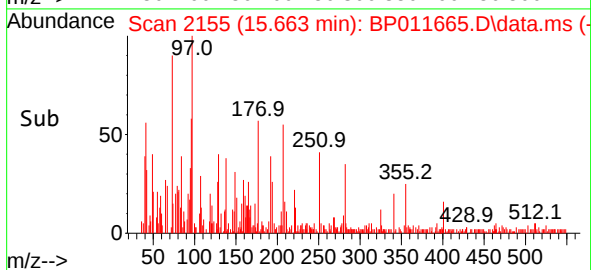
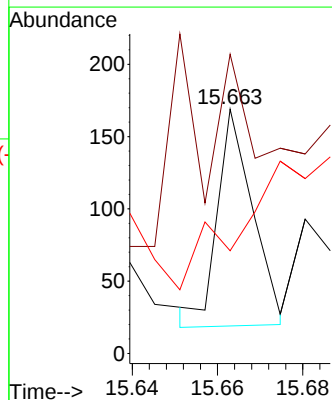
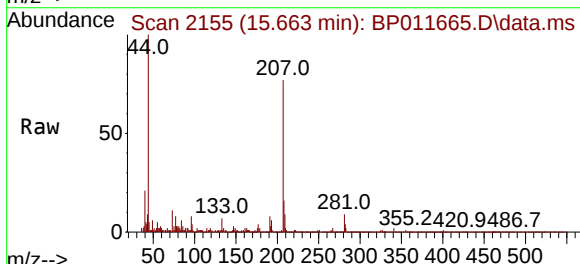
Instrument :
BNA_P
ClientSampleId :
PB147520TB

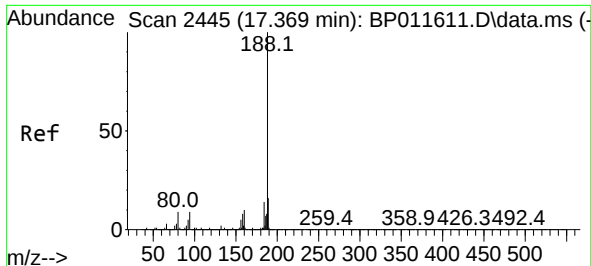
Tgt Ion:165 Resp: 192
Ion Ratio Lower Upper
165 100
63 52.4 46.2 69.2
89 60.6 65.8 98.8#
182 3.8 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.649 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Tgt Ion:138 Resp: 86
Ion Ratio Lower Upper
138 100
92 122.5 38.0 78.0#
108 42.0 77.6 117.6#

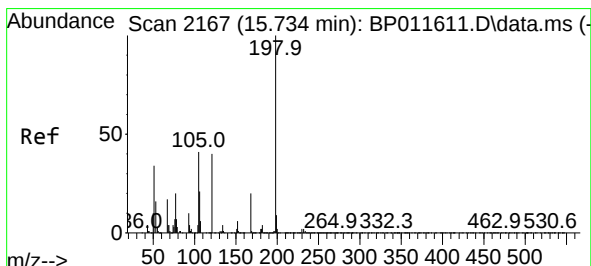
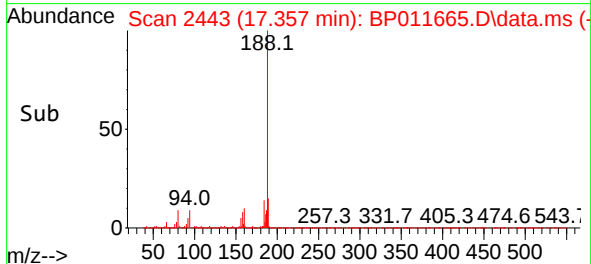
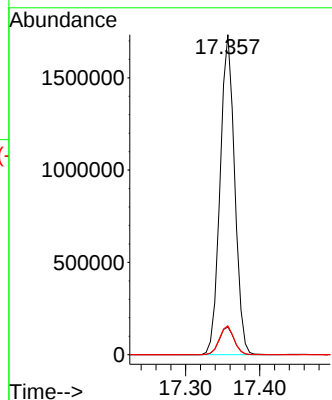
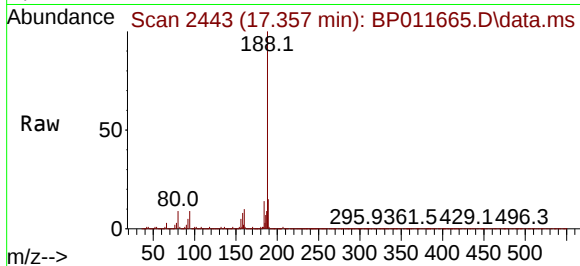




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

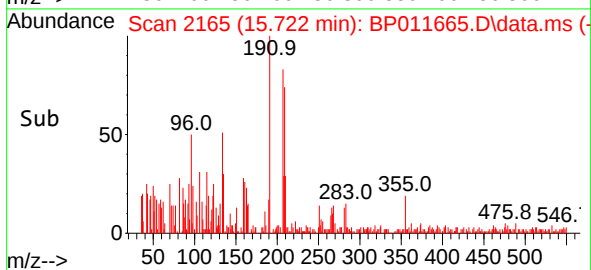
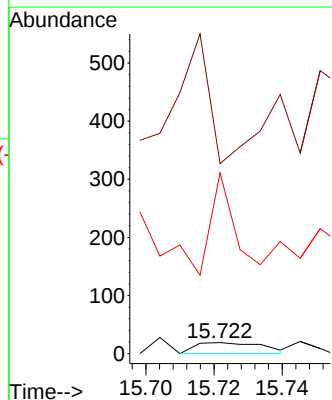
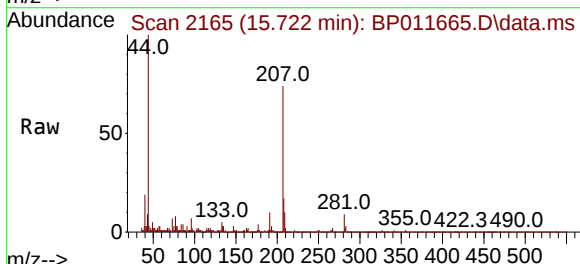
Instrument :
BNA_P
ClientSampleId :
PB147520TB

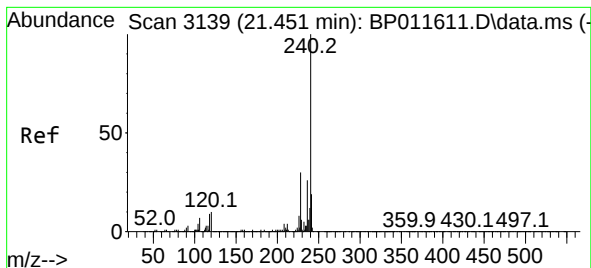
Tgt Ion:188 Resp: 2366204
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.891 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 1721.1 41.2 81.2#
105 1636.8 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP011665.D

Acq: 09 Sep 2022 16:04

Instrument :

BNA_P

ClientSampleId :

PB147520TB

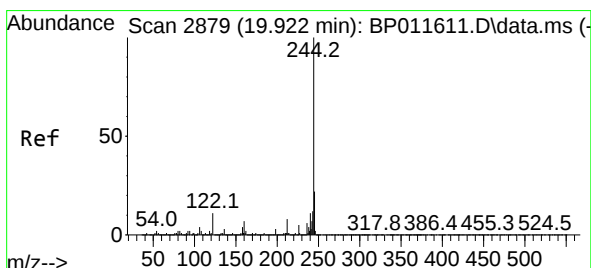
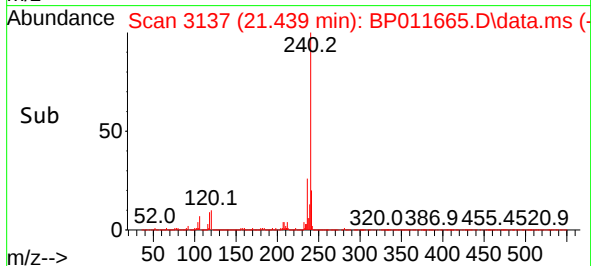
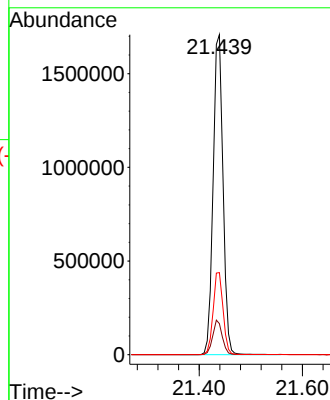
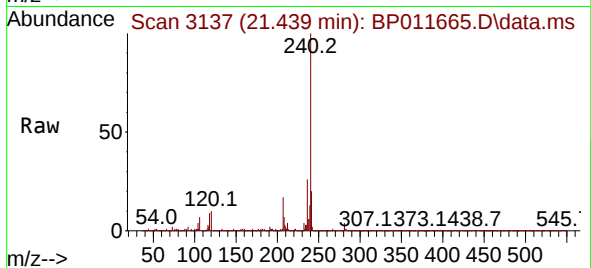
Tgt Ion:240 Resp: 2263843

Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

236 25.7 19.8 29.6



#79

Terphenyl-d14

Concen: 111.353 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BP011665.D

Acq: 09 Sep 2022 16:04

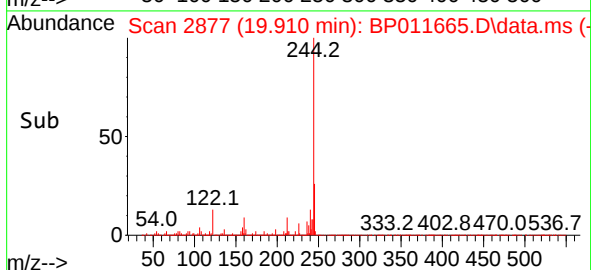
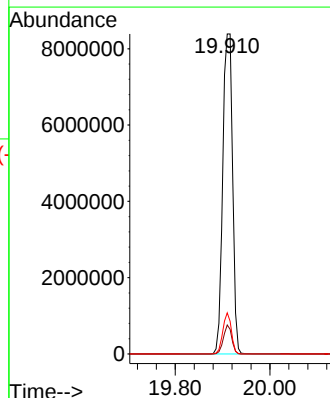
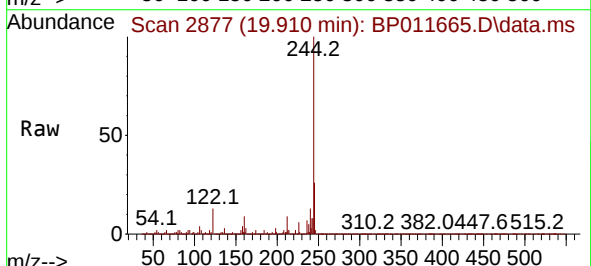
Tgt Ion:244 Resp:12035598

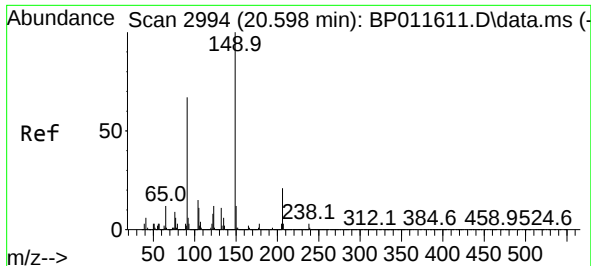
Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

122 12.9 7.6 11.4#

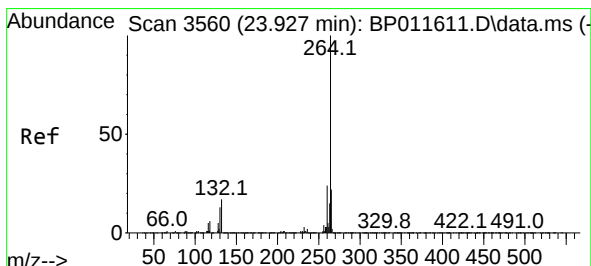
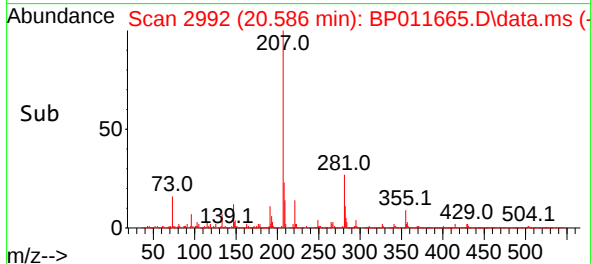
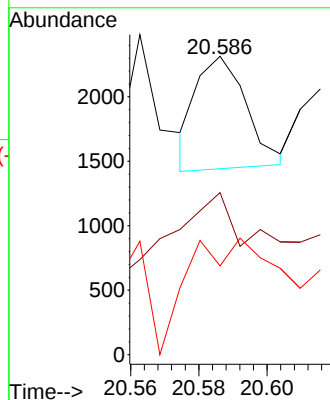
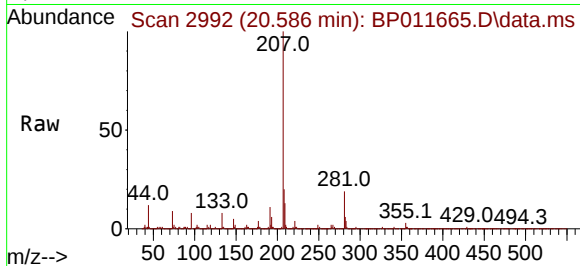




#80
Butylbenzylphthalate
Concen: 3.725 ng
RT: 20.586 min Scan# 2994
Delta R.T. -0.000 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Instrument :
BNA_P
ClientSampleId :
PB147520TB

Tgt Ion:149 Resp: 891
Ion Ratio Lower Upper
149 100
91 54.4 62.5 93.7#
206 29.8 17.0 25.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.910 min Scan# 3557
Delta R.T. -0.000 min
Lab File: BP011665.D
Acq: 09 Sep 2022 16:04

Tgt Ion:264 Resp: 2319859
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.9 18.0 27.0

