

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011664.D
 Acq On : 09 Sep 2022 15:29
 Operator : CG/JU
 Sample : PB147541BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147541BL

Quant Time: Sep 10 00:52:32 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)

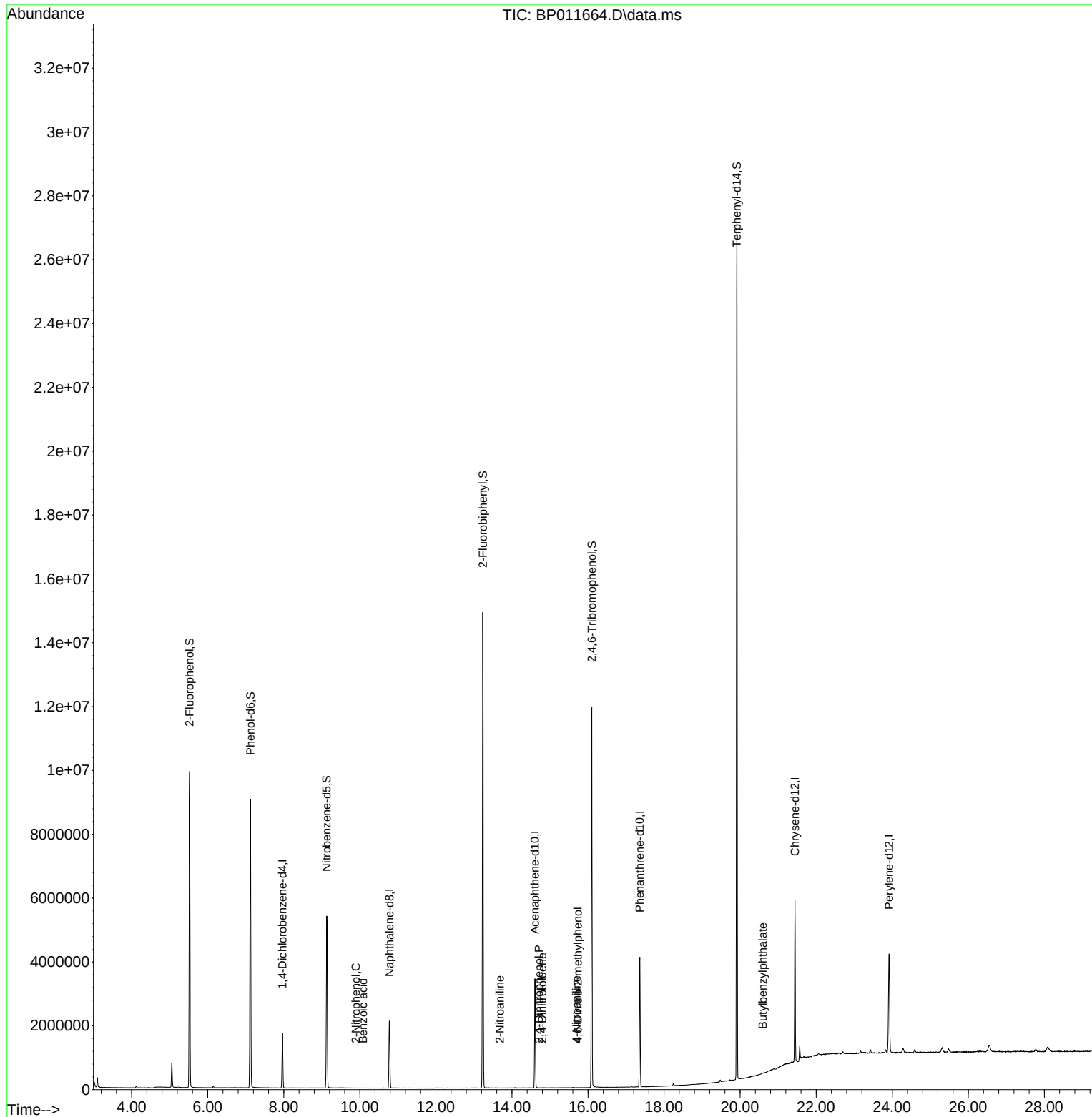
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	484349	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1928799	20.000	ng	# 0.00
39) Acenaphthene-d10	14.604	164	1165588	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	2507220	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2365999	20.000	ng	0.00
86) Perylene-d12	23.916	264	2422006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	4655285	169.988	ng	0.00
7) Phenol-d6	7.122	99	5672020	156.524	ng	0.00
23) Nitrobenzene-d5	9.128	82	3146028	100.122	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	2568087	195.005	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	7933489	97.332	ng	0.00
79) Terphenyl-d14	19.910	244	12236449	108.323	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	28	4.891	ng	# 1
32) Benzoic acid	10.081	122	64	8.602	ng	# 1
48) 2-Nitroaniline	13.681	65	108	3.408	ng	# 51
54) 2,4-Dinitrophenol	14.710	184	26	6.455	ng	# 1
57) 2,4-Dinitrotoluene	14.798	165	193	3.651	ng	91
62) 4-Nitroaniline	15.698	138	183	2.653	ng	# 59
65) 4,6-Dinitro-2-methylph...	15.728	198	25	7.891	ng	# 1
80) Butylbenzylphthalate	20.592	149	2334	3.746	ng	# 58

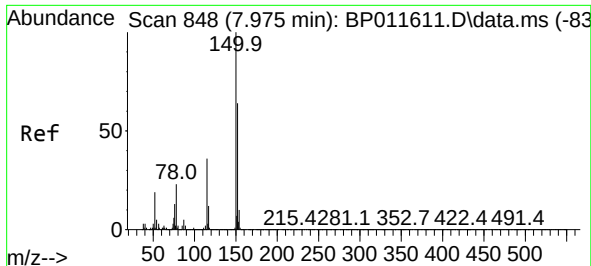
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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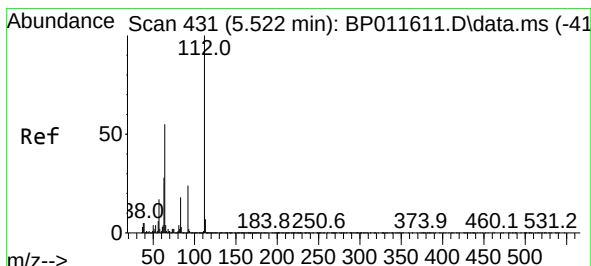
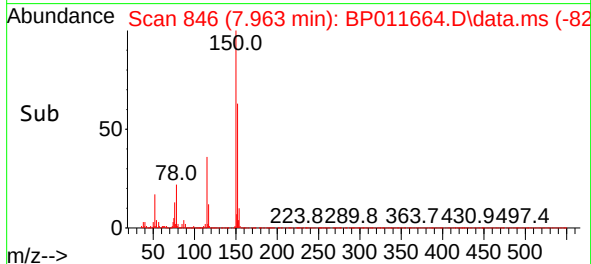
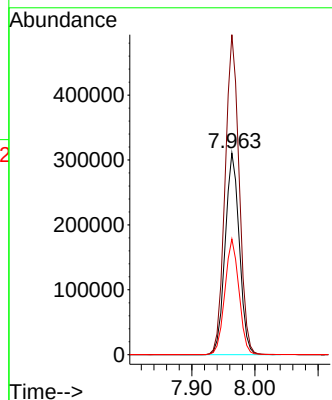
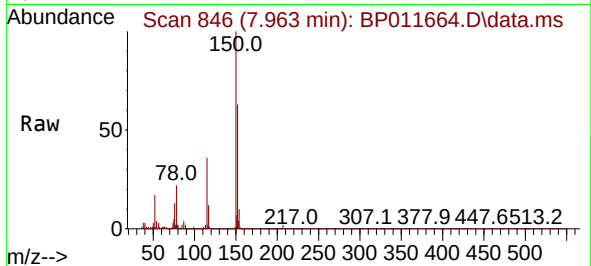




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 848
Delta R.T. -0.001 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

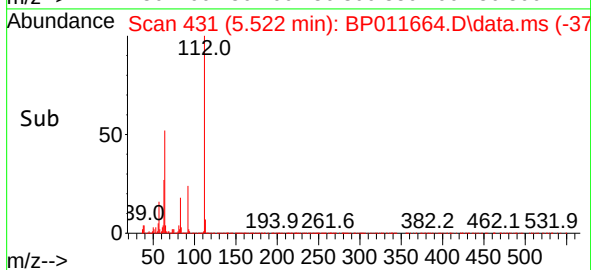
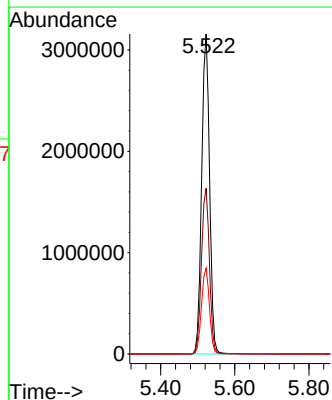
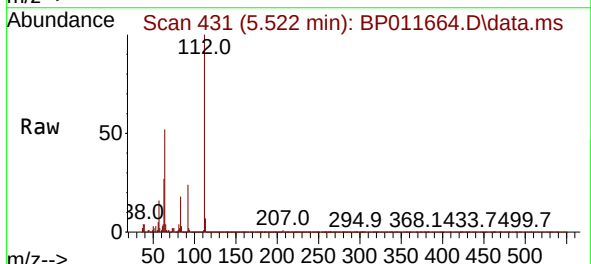
Instrument :
BNA_P
ClientSampleId :
PB147541BL

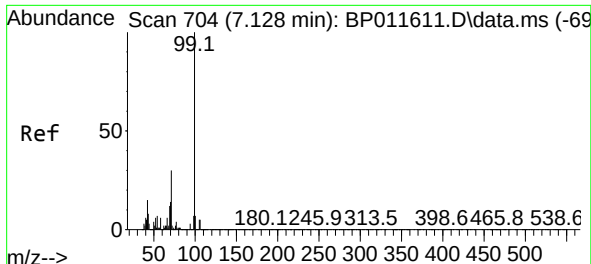
Tgt Ion:152 Resp: 484349
Ion Ratio Lower Upper
152 100
150 158.7 123.4 185.2
115 57.4 51.3 76.9



#5
2-Fluorophenol
Concen: 169.988 ng
RT: 5.522 min Scan# 431
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Tgt Ion:112 Resp: 4655285
Ion Ratio Lower Upper
112 100
64 51.8 56.9 85.3#
63 26.8 31.2 46.8#



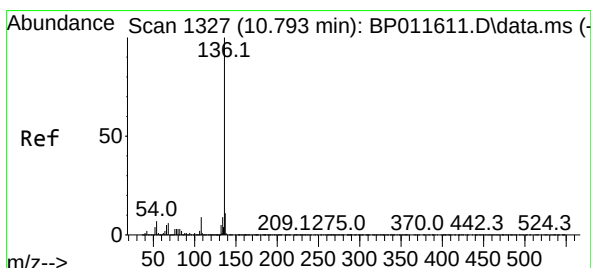
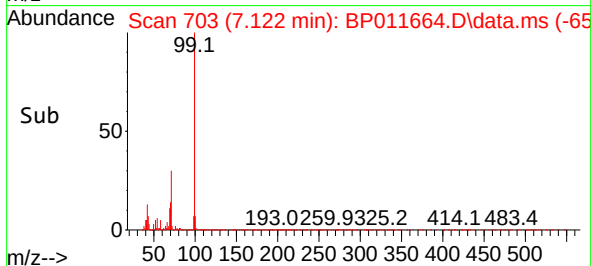
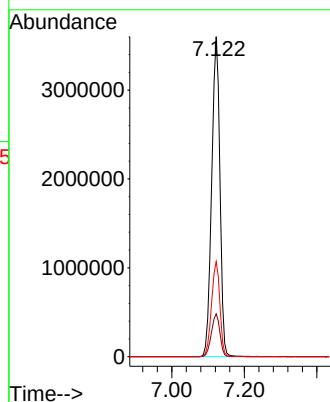
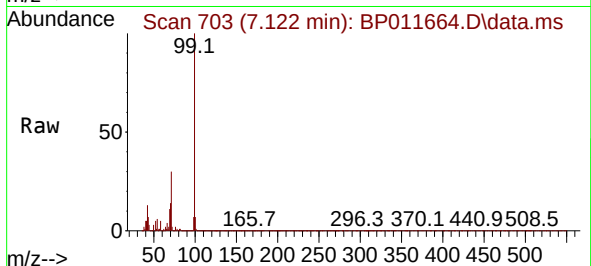


#7
Phenol-d6
Concen: 156.524 ng
RT: 7.122 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Instrument :
BNA_P
ClientSampleId :
PB147541BL

Tgt Ion: 99 Resp: 5672020

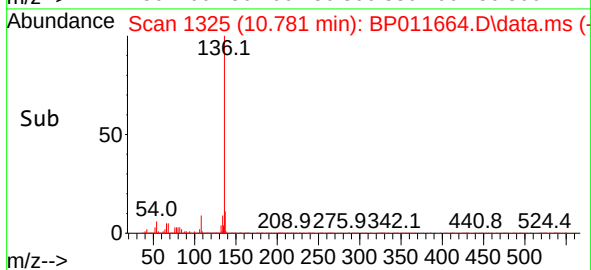
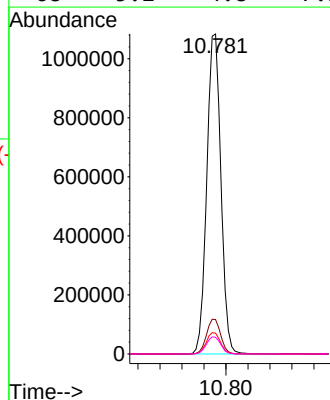
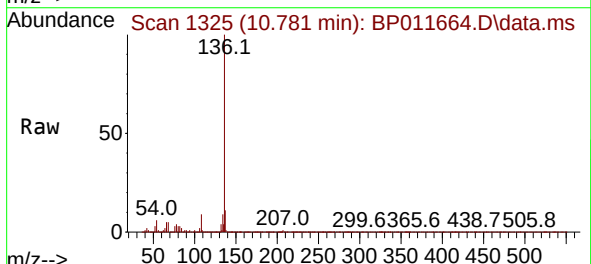
Ion	Ratio	Lower	Upper
99	100		
42	13.4	20.3	30.5#
71	29.7	33.9	50.9#

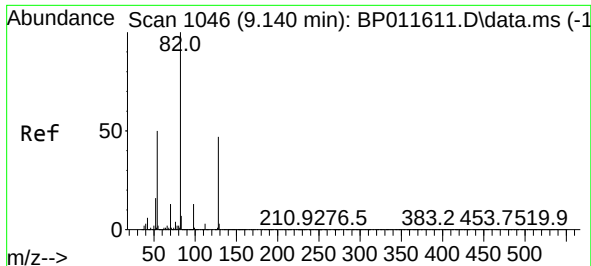


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Tgt Ion:136 Resp: 1928799

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.5	8.7	13.1#
68	5.2	4.8	7.2

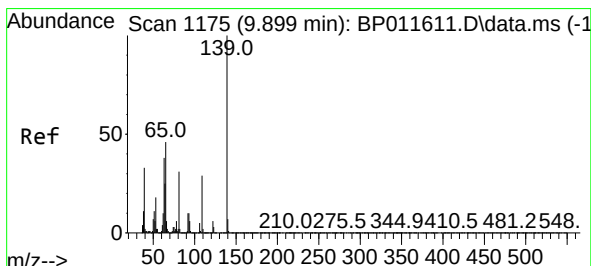
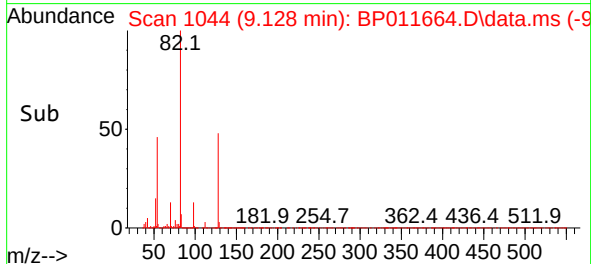
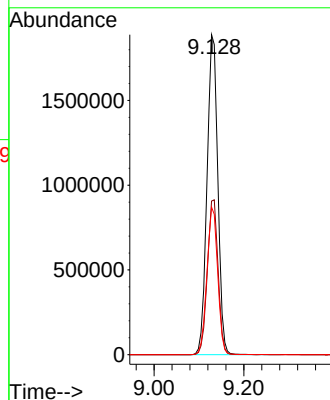
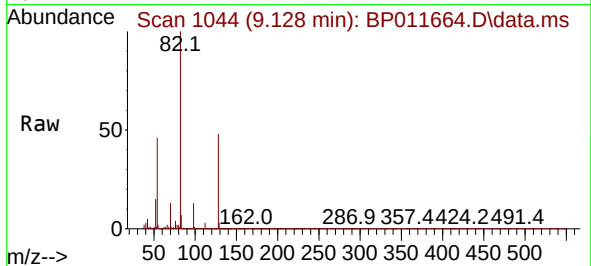




#23
Nitrobenzene-d5
Concen: 100.122 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

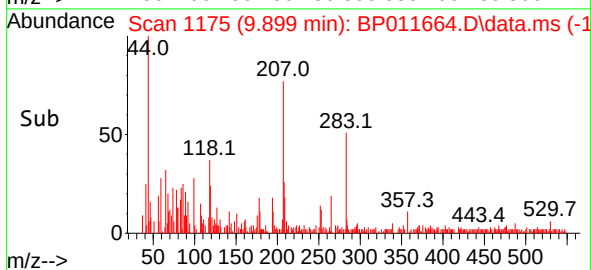
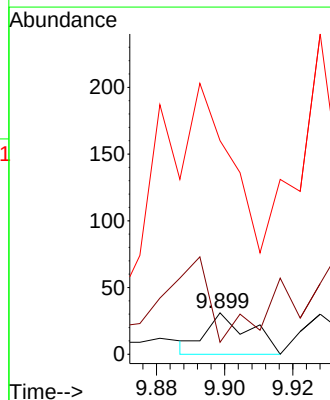
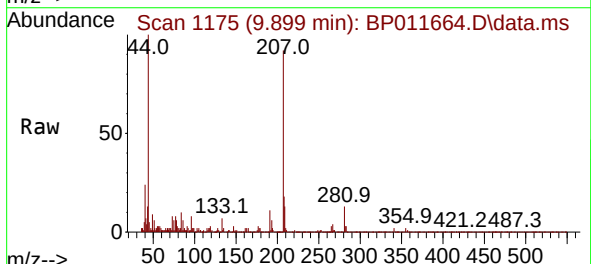
Instrument :
BNA_P
ClientSampleId :
PB147541BL

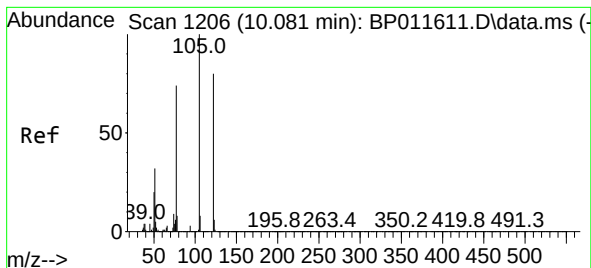
Tgt Ion: 82 Resp: 3146028
Ion Ratio Lower Upper
82 100
128 48.0 31.3 46.9#
54 46.1 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.891 ng
RT: 9.899 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Tgt Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 116.1 30.2 45.4#
65 516.1 52.2 78.2#





#32

Benzoic acid

Concen: 8.602 ng

RT: 10.081 min Scan# 11

Delta R.T. 0.018 min

Lab File: BP011664.D

Acq: 09 Sep 2022 15:29

Instrument :

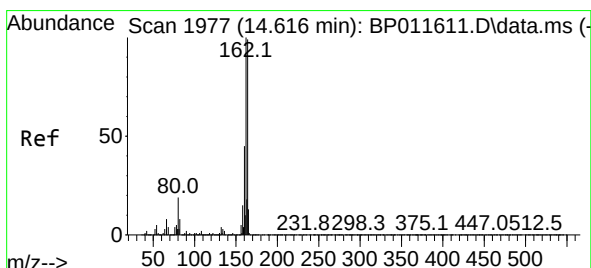
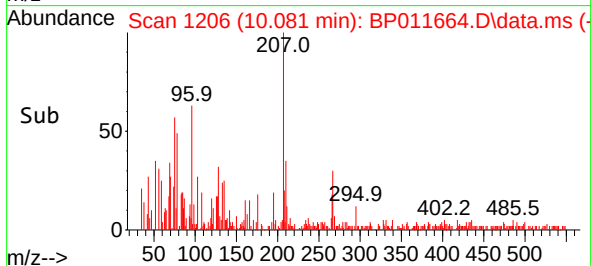
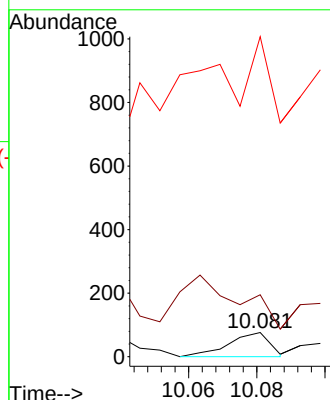
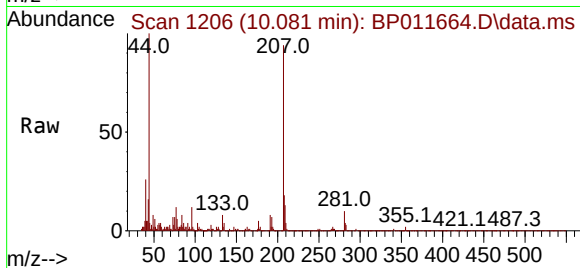
BNA_P

ClientSampleId :

PB147541BL

Tgt Ion:122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
105	256.6	112.6	152.6#
77	1325.0	90.2	130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1975

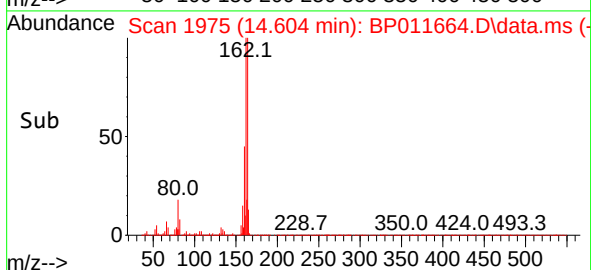
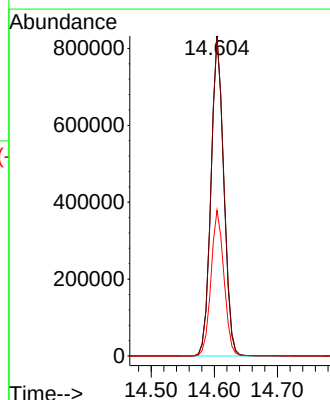
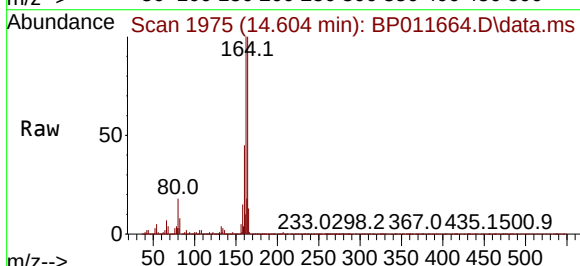
Delta R.T. -0.000 min

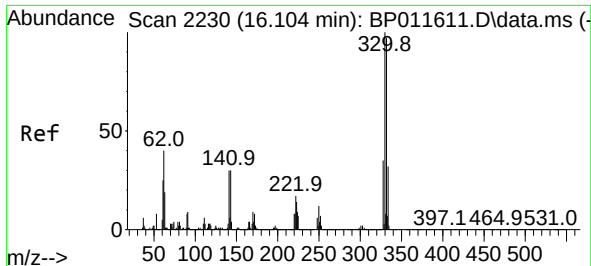
Lab File: BP011664.D

Acq: 09 Sep 2022 15:29

Tgt Ion:164 Resp: 1165588

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.9	122.9
160	45.5	34.6	51.8

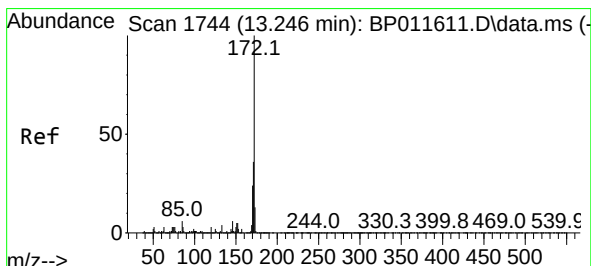
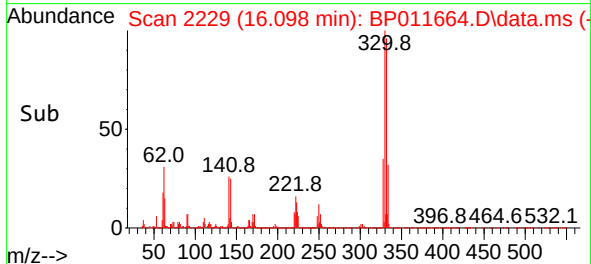
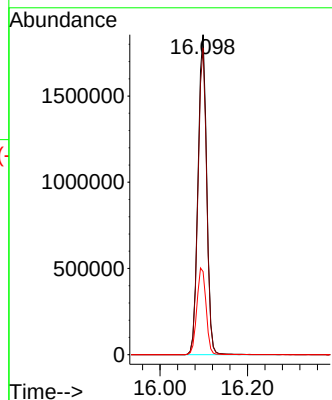
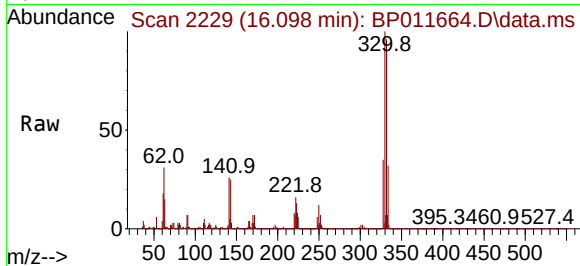




#42
2,4,6-Tribromophenol
Concen: 195.005 ng
RT: 16.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

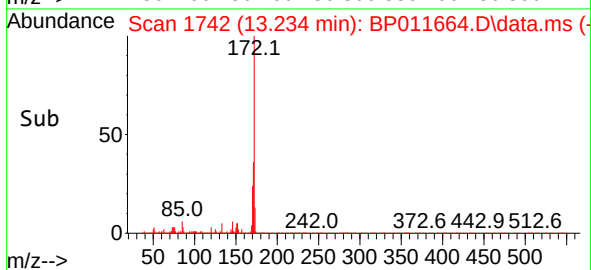
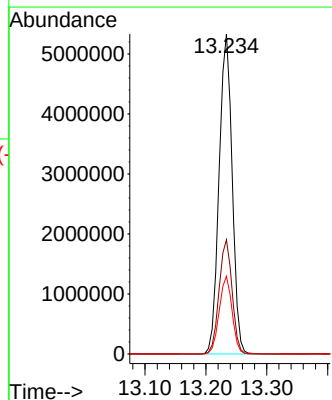
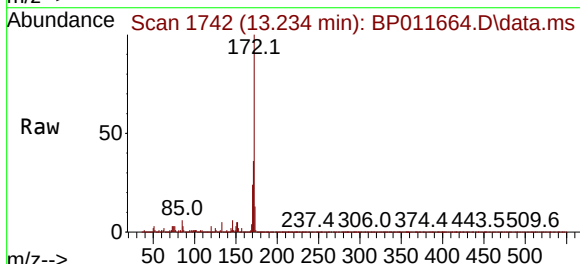
Instrument :
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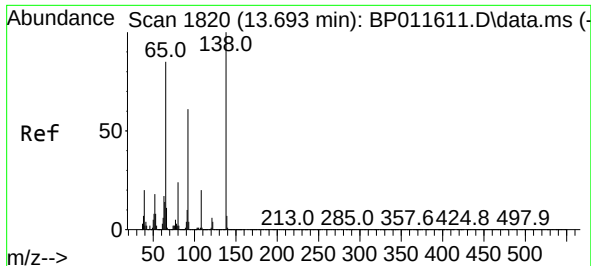
Tgt Ion:330 Resp: 2568087
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 28.7 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 97.332 ng
RT: 13.234 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Tgt Ion:172 Resp: 7933489
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.3 18.2 27.2

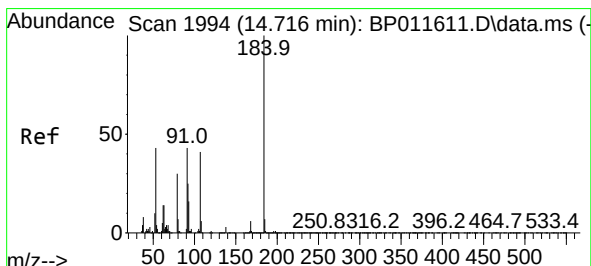
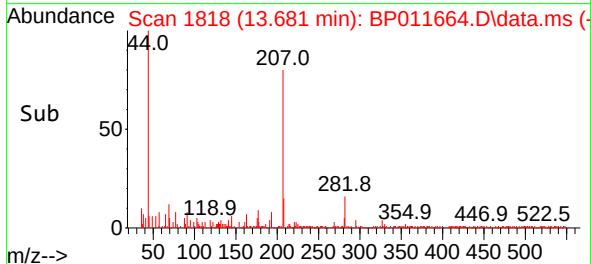
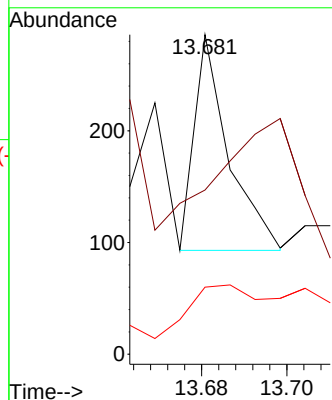
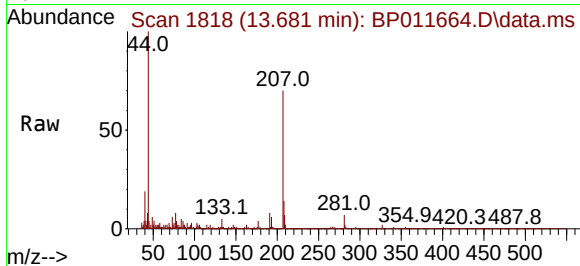




#48
2-Nitroaniline
Concen: 3.408 ng
RT: 13.681 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

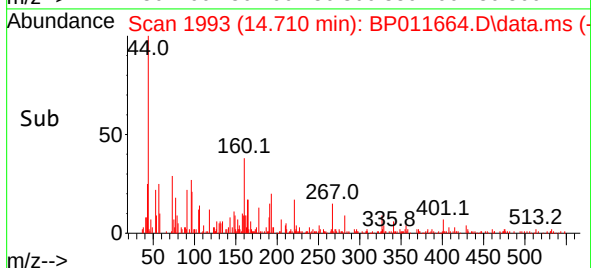
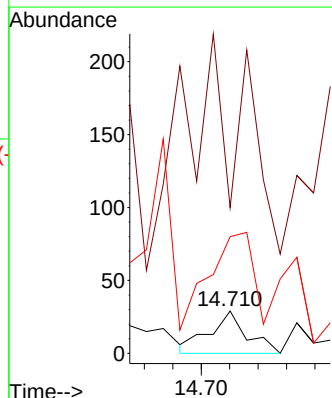
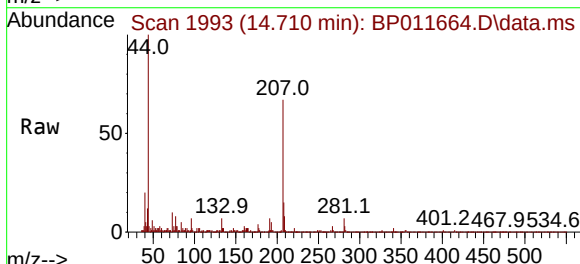
Instrument :
BNA_P
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PB147541BL

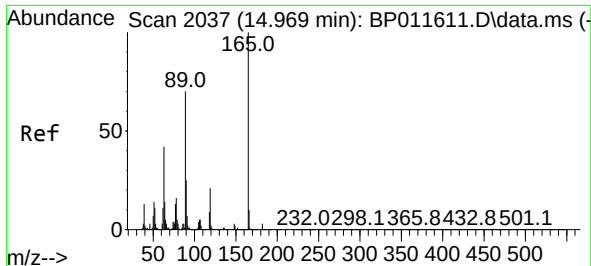
Tgt Ion: 65 Resp: 108
Ion Ratio Lower Upper
65 100
92 51.4 50.0 75.0
138 21.0 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.455 ng
RT: 14.710 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Tgt Ion: 184 Resp: 26
Ion Ratio Lower Upper
184 100
63 686.2 65.4 98.2#
154 275.9 55.4 83.2#

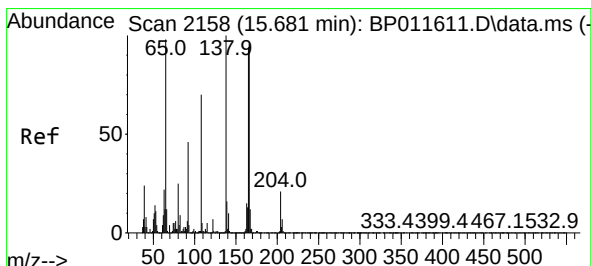
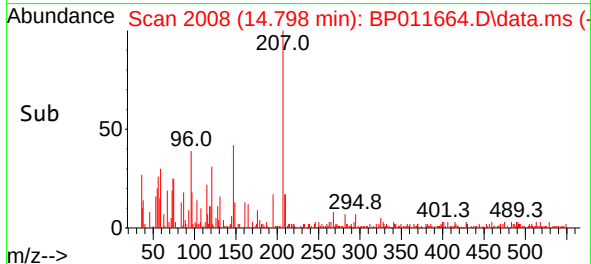
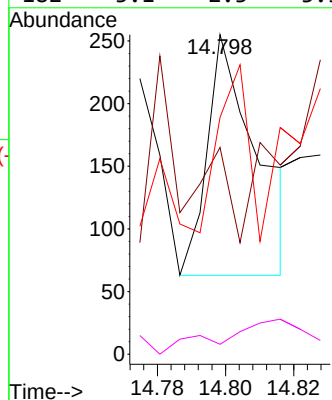
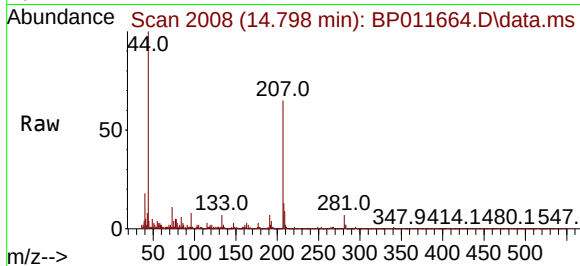




#57
2,4-Dinitrotoluene
Concen: 3.651 ng
RT: 14.798 min Scan# 2037
Delta R.T. -0.165 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

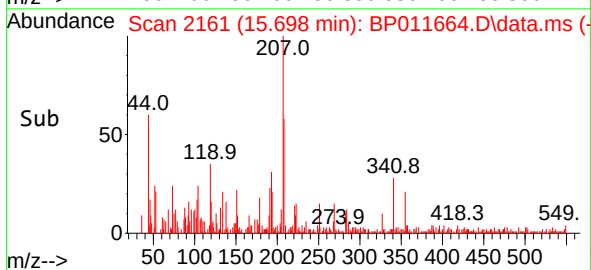
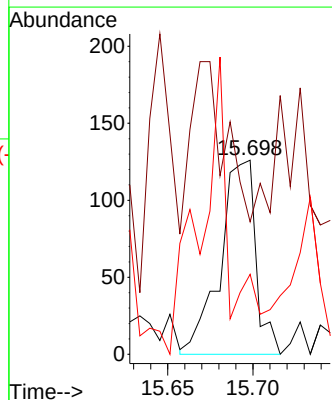
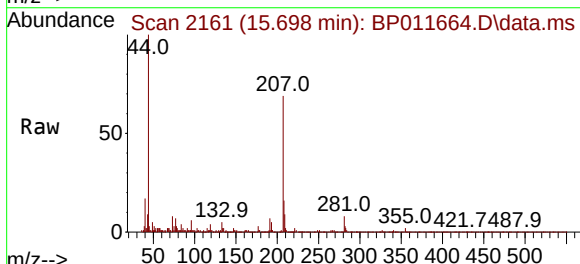
Instrument :
BNA_P
ClientSampleId :
PB147541BL

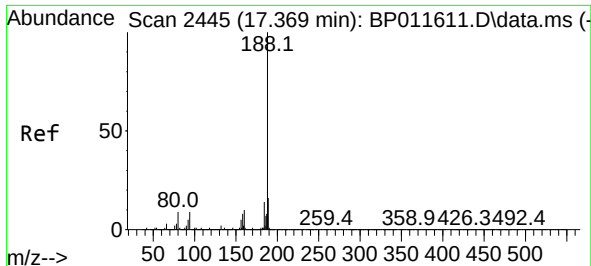
Tgt Ion:165	Resp:	193
Ion Ratio	Lower	Upper
165	100	
63	64.7	46.2 69.2
89	74.1	65.8 98.8
182	3.1	2.3 3.5



#62
4-Nitroaniline
Concen: 2.653 ng
RT: 15.698 min Scan# 2161
Delta R.T. 0.029 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Tgt Ion:138	Resp:	183
Ion Ratio	Lower	Upper
138	100	
92	68.3	38.0 78.0
108	41.3	77.6 117.6#

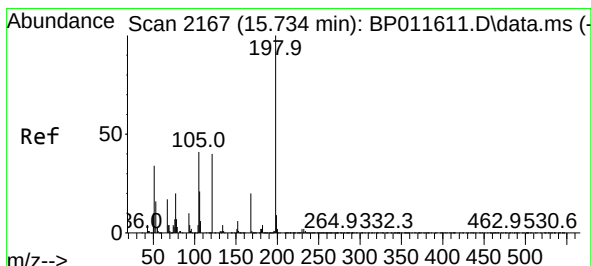
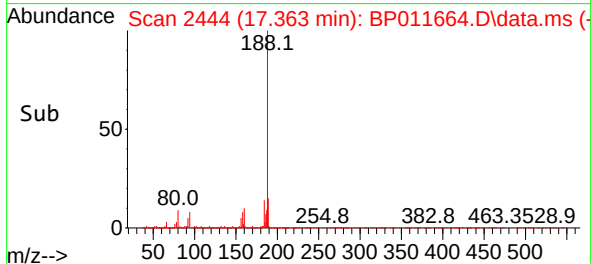
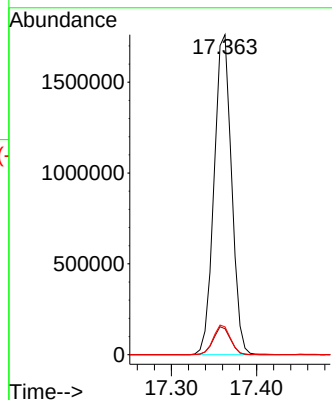
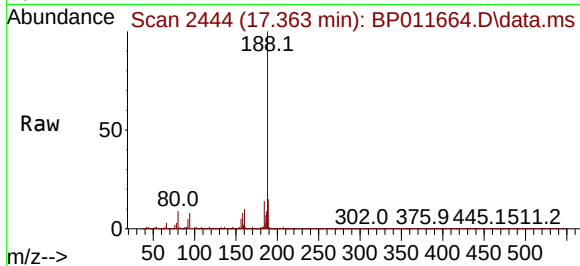




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

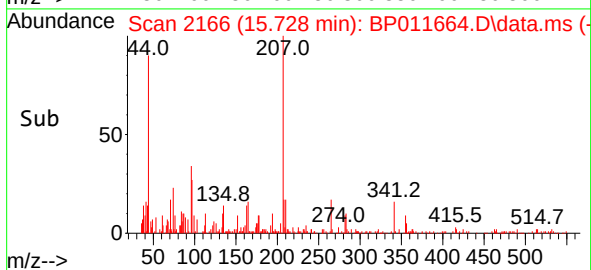
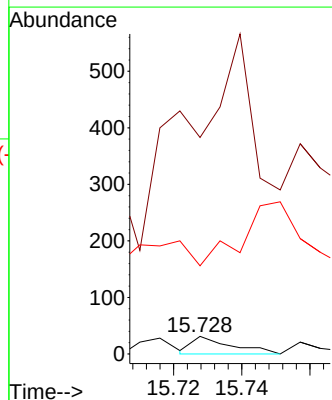
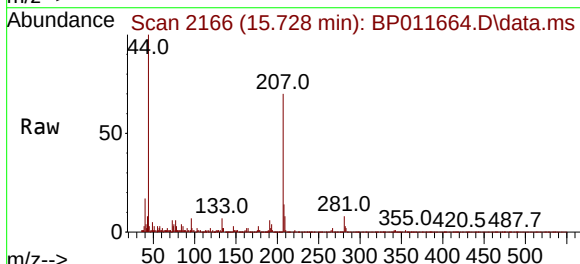
Instrument :
BNA_P
ClientSampleId :
PB147541BL

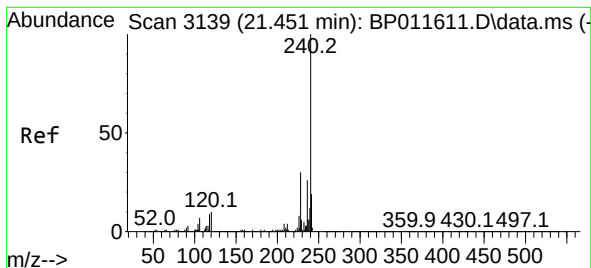
Tgt Ion:188 Resp: 2507220
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 8.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.891 ng
RT: 15.728 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 1235.5 41.2 81.2#
105 503.2 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: BP011664.D

Acq: 09 Sep 2022 15:29

Instrument :

BNA_P

ClientSampleId :

PB147541BL

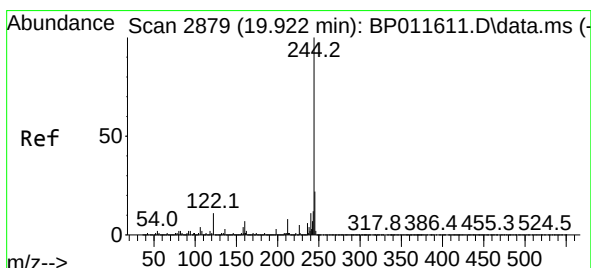
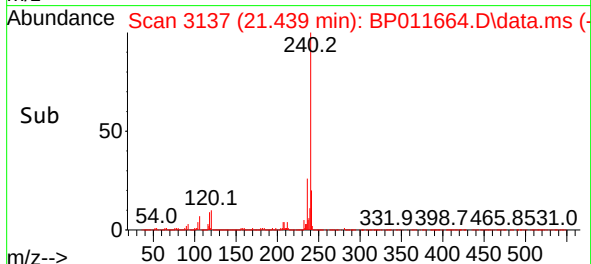
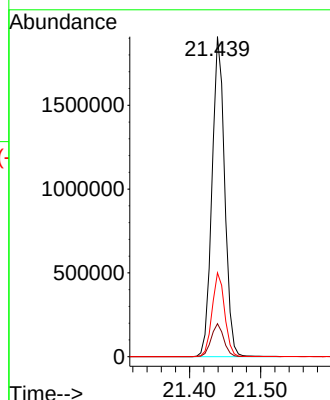
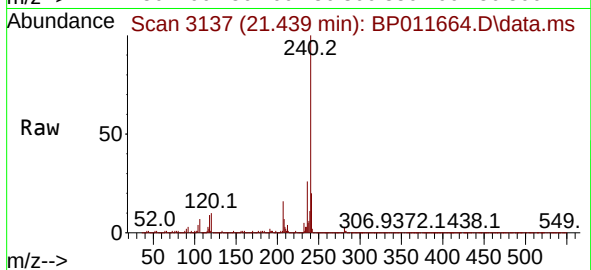
Tgt Ion:240 Resp: 2365999

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 26.2 19.8 29.6



#79

Terphenyl-d14

Concen: 108.323 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.000 min

Lab File: BP011664.D

Acq: 09 Sep 2022 15:29

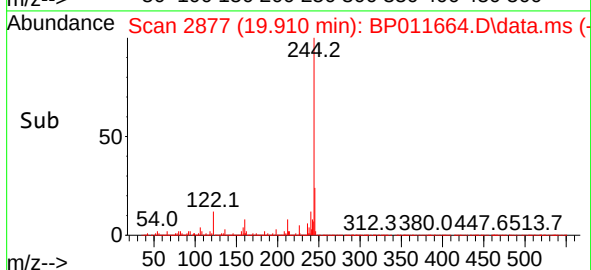
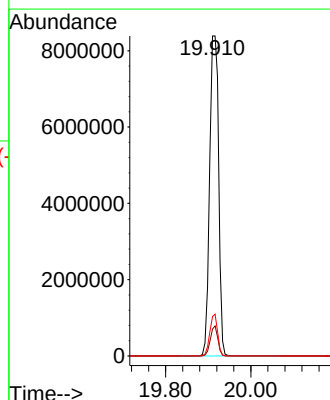
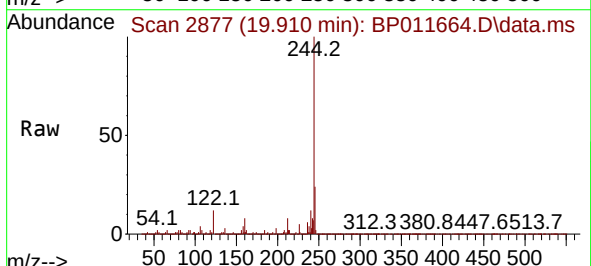
Tgt Ion:244 Resp:12236449

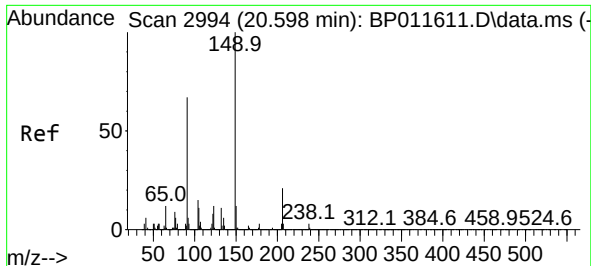
Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

122 12.3 7.6 11.4#

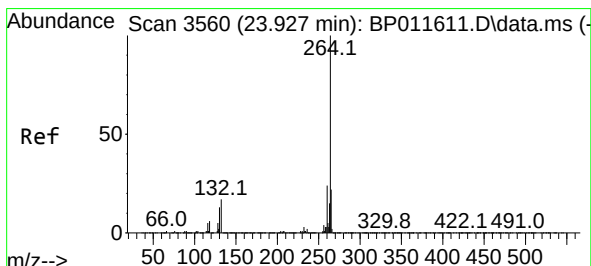
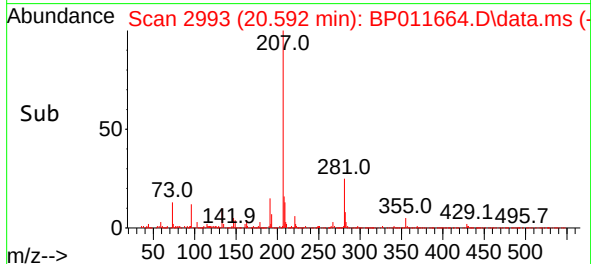
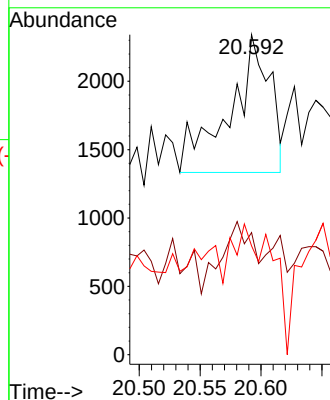
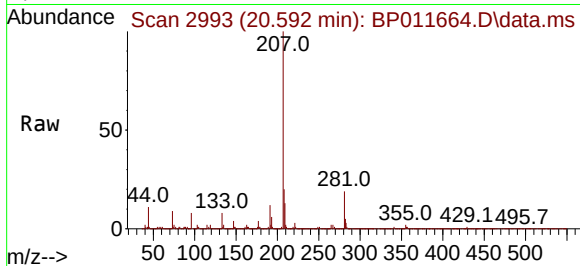




#80
Butylbenzylphthalate
Concen: 3.746 ng
RT: 20.592 min Scan# 2994
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Instrument :
BNA_P
ClientSampleId :
PB147541BL

Tgt Ion:149 Resp: 2334
Ion Ratio Lower Upper
149 100
91 38.1 62.5 93.7#
206 34.0 17.0 25.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.916 min Scan# 3558
Delta R.T. 0.006 min
Lab File: BP011664.D
Acq: 09 Sep 2022 15:29

Tgt Ion:264 Resp: 2422006
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 22.4 18.0 27.0

