

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111722\
 Data File : BP012663.D
 Acq On : 17 Nov 2022 16:07
 Operator : CG/JU
 Sample : PB148901BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB148901BL

Quant Time: Nov 18 04:53:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 00:16:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

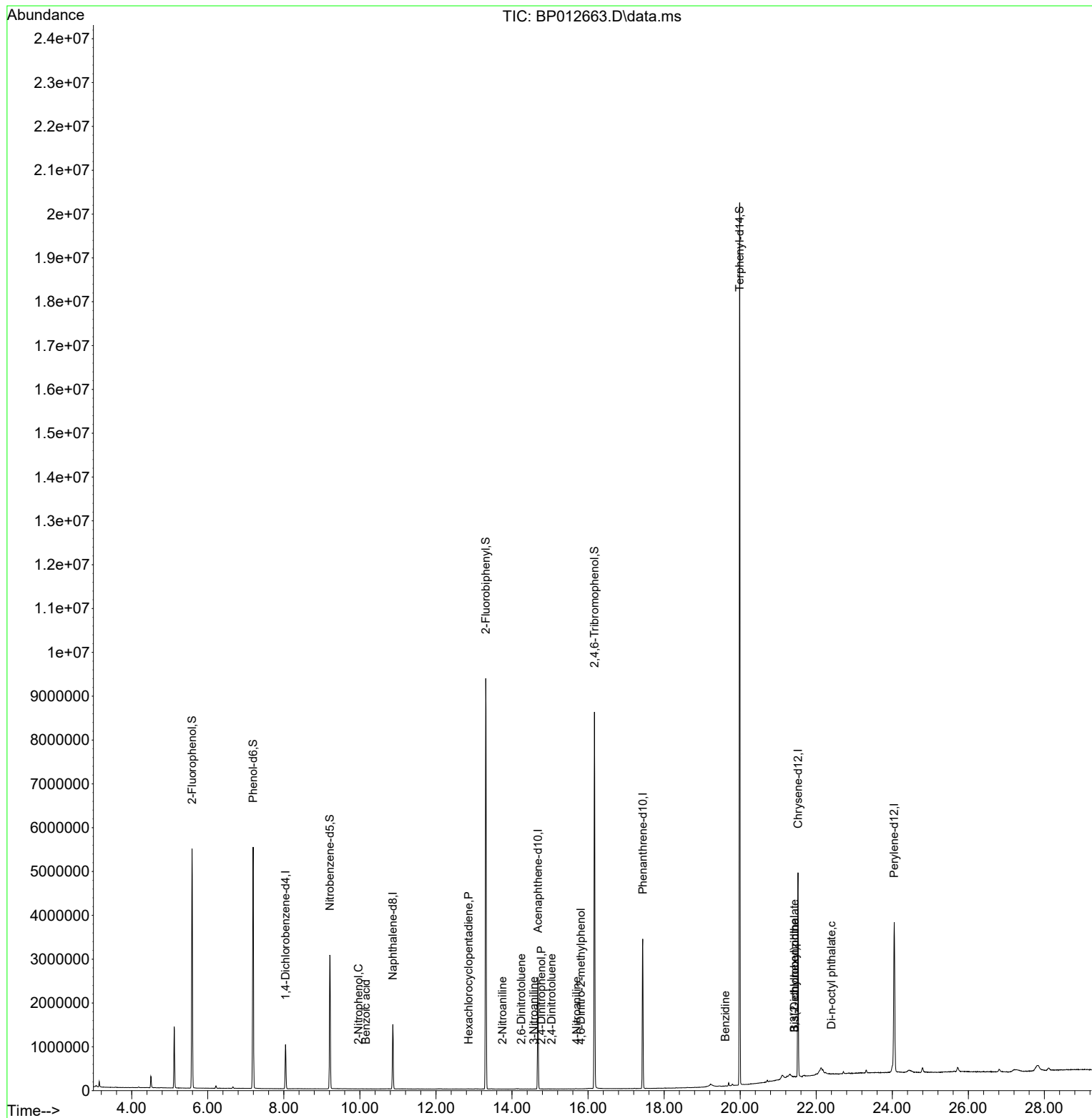
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	288275	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	1258993	20.000	ng	0.00
39) Acenaphthene-d10	14.681	164	893266	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	2119613	20.000	ng	0.00
76) Chrysene-d12	21.521	240	2410285	20.000	ng	0.00
86) Perylene-d12	24.051	264	2656434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2483510	155.695	ng	0.00
7) Phenol-d6	7.193	99	3254558	146.502	ng	0.00
23) Nitrobenzene-d5	9.210	82	1707799	85.288	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	1879821	183.891	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	5166938	87.034	ng	0.00
79) Terphenyl-d14	19.986	244	10038644	89.989	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.963	139	65	4.253	ng	# 1
32) Benzoic acid	10.157	122	206	5.039	ng	# 27
41) Hexachlorocyclopentadiene	12.857	237	46	4.734	ng	# 81
48) 2-Nitroaniline	13.751	65	111	5.768	ng	# 4
51) 2,6-Dinitrotoluene	14.245	165	232	3.556	ng	# 64
53) 3-Nitroaniline	14.569	138	138	3.217	ng	# 23
54) 2,4-Dinitrophenol	14.775	184	43	8.177	ng	# 1
57) 2,4-Dinitrotoluene	15.039	165	237	4.361	ng	# 42
62) 4-Nitroaniline	15.698	138	86	3.335	ng	# 81
65) 4,6-Dinitro-2-methylph...	15.810	198	83	7.359	ng	# 1
77) Benzidine	19.610	184	1874	7.007	ng	# 78
82) 3,3'-Dichlorobenzidine	21.427	252	1147	6.291	ng	# 76
84) Bis(2-ethylhexyl)phtha...	21.427	149	726	6.083	ng	# 84
85) Di-n-octyl phthalate	22.398	149	787	9.313	ng	# 1

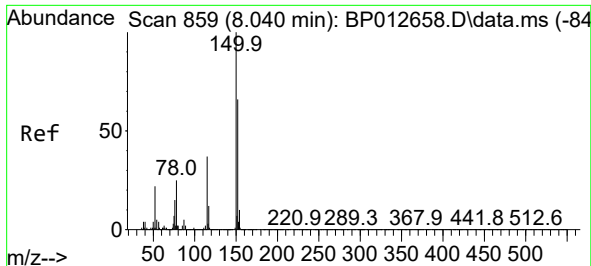
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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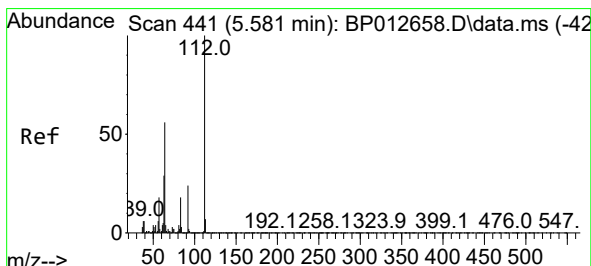
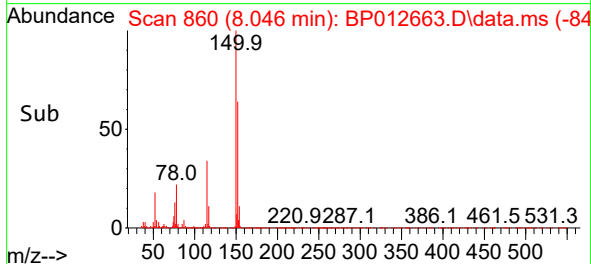
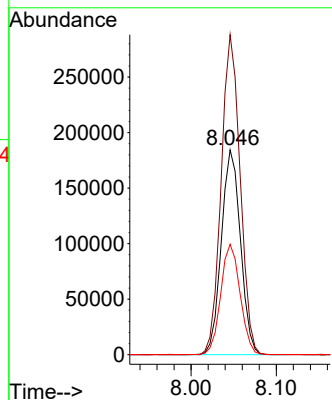
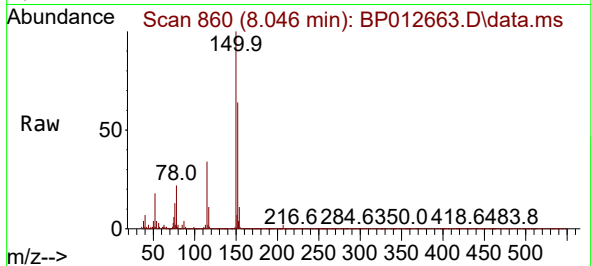




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.046 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

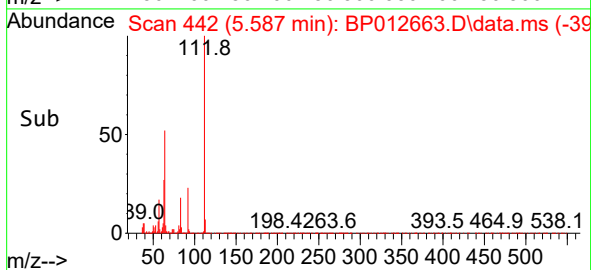
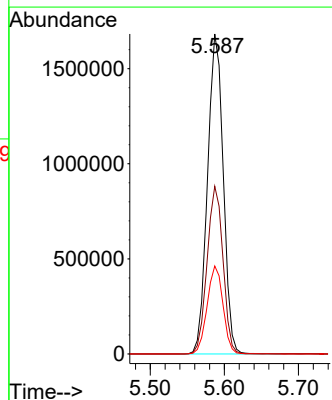
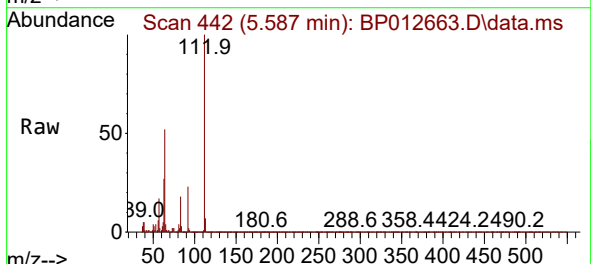
Instrument :
BNA_P
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PB148901BL

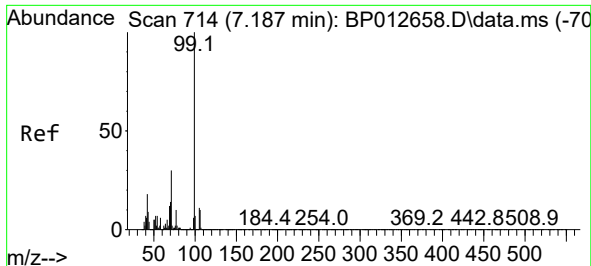
Tgt Ion:152 Resp: 288275
Ion Ratio Lower Upper
152 100
150 156.2 121.8 182.8
115 53.9 45.4 68.2



#5
2-Fluorophenol
Concen: 155.695 ng
RT: 5.587 min Scan# 442
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:112 Resp: 2483510
Ion Ratio Lower Upper
112 100
64 52.4 44.7 67.1
63 27.5 23.3 34.9

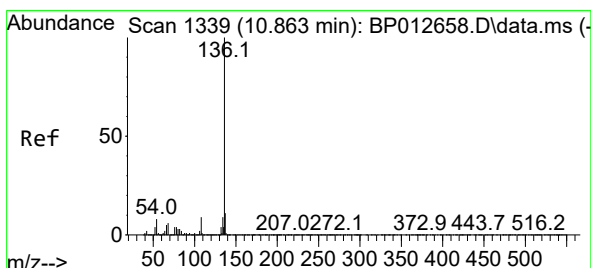
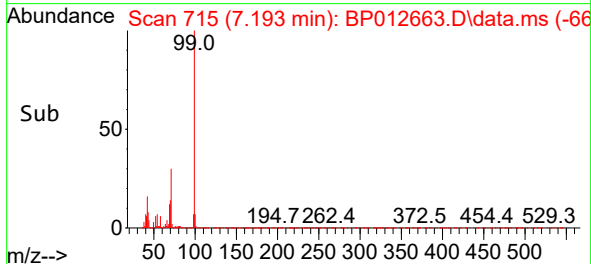
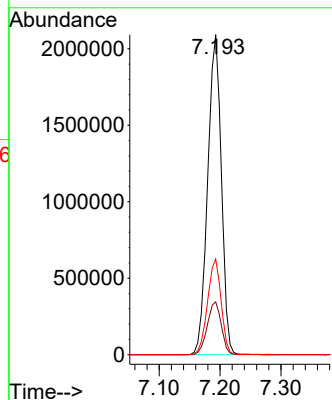
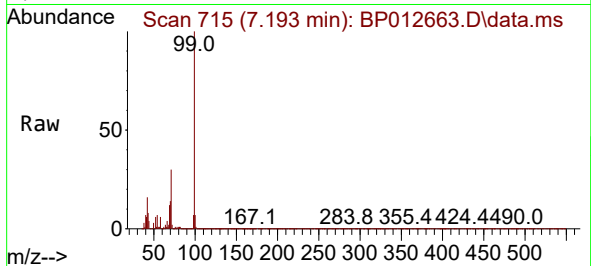




#7
Phenol-d6
Concen: 146.502 ng
RT: 7.193 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

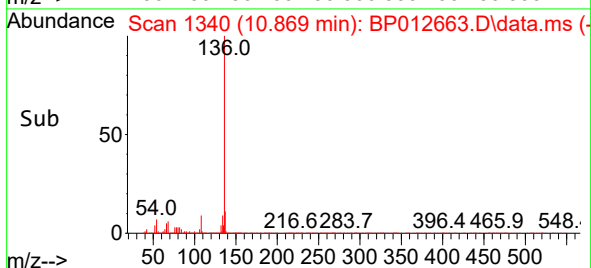
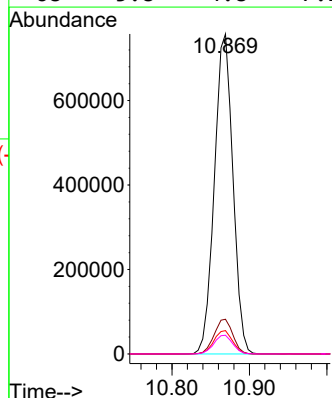
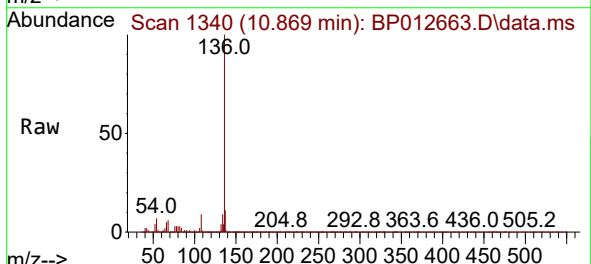
Instrument :
BNA_P
ClientSampleId :
PB148901BL

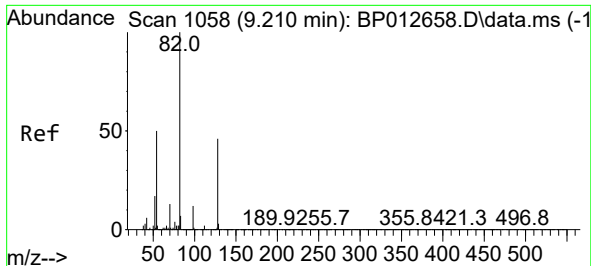
Tgt Ion: 99 Resp: 3254558
Ion Ratio Lower Upper
99 100
42 16.5 14.2 21.2
71 29.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:136 Resp: 1258993
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.3 6.3 9.5
68 5.8 4.8 7.2

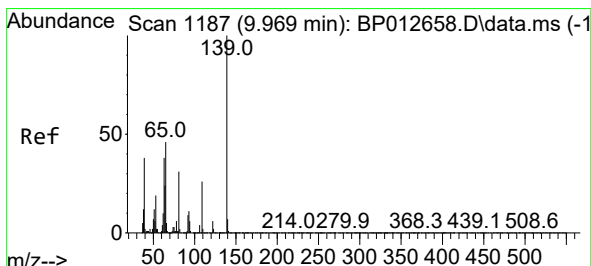
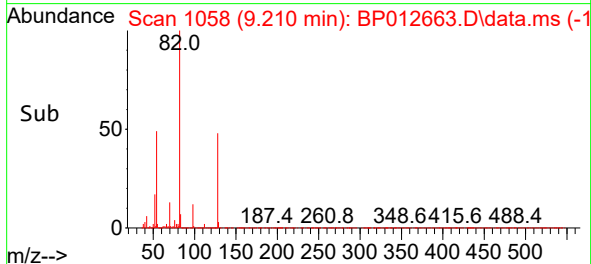
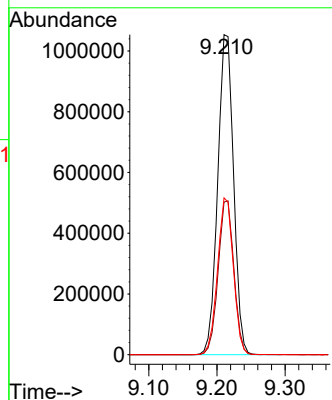
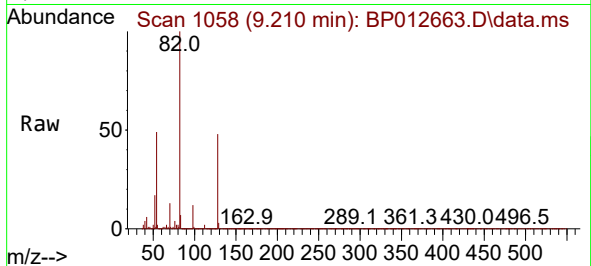




#23
Nitrobenzene-d5
Concen: 85.288 ng
RT: 9.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

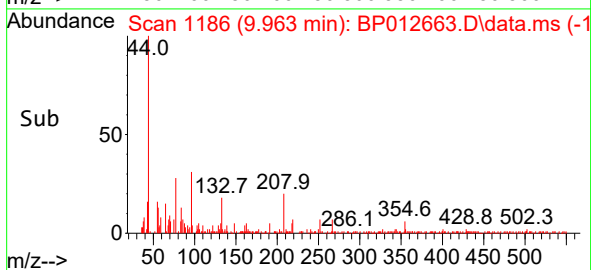
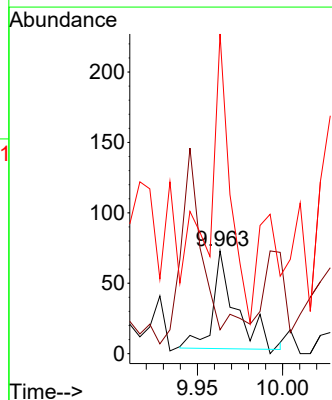
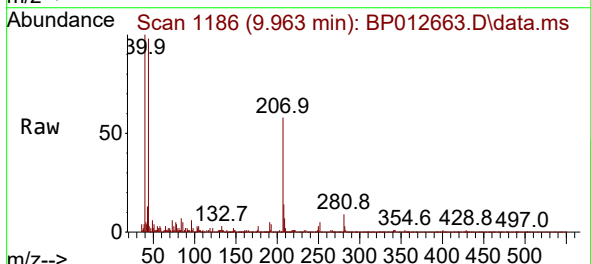
Instrument :
BNA_P
ClientSampleId :
PB148901BL

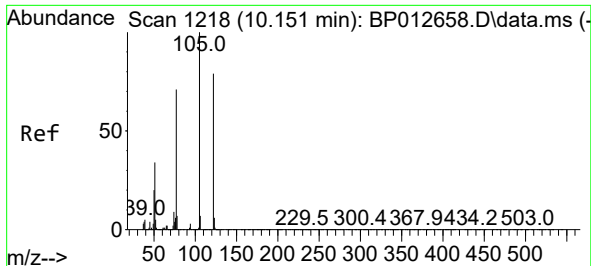
Tgt Ion: 82 Resp: 1707799
Ion Ratio Lower Upper
82 100
128 47.7 36.5 54.7
54 49.0 39.9 59.9



#26
2-Nitrophenol
Concen: 4.253 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:139 Resp: 65
Ion Ratio Lower Upper
139 100
109 23.3 20.9 31.3
65 311.0 36.6 54.8#

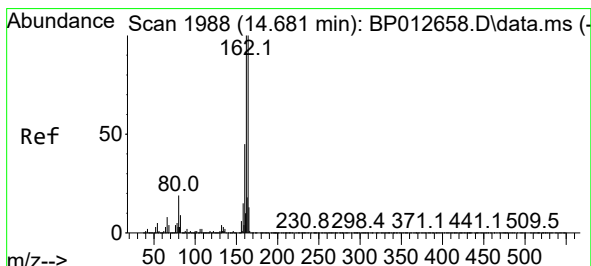
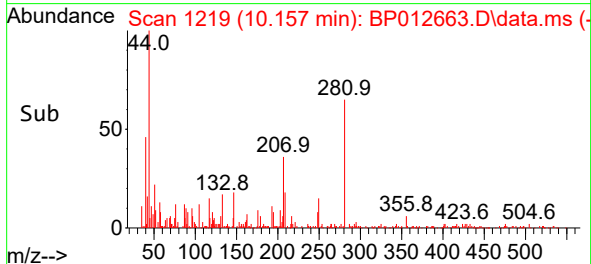
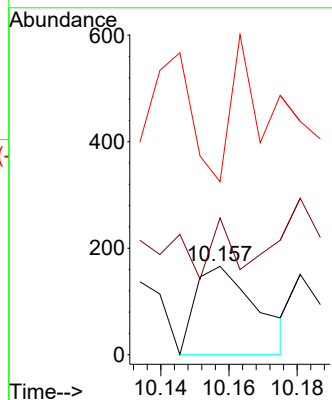
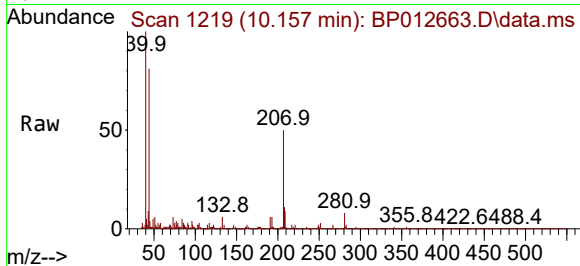




#32
Benzoic acid
Concen: 5.039 ng
RT: 10.157 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

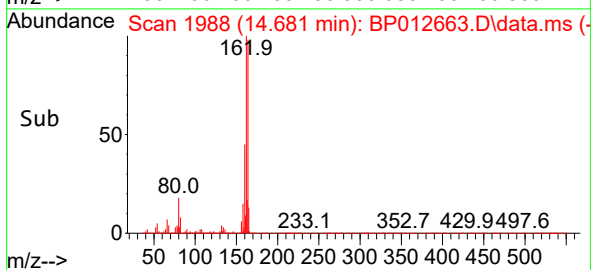
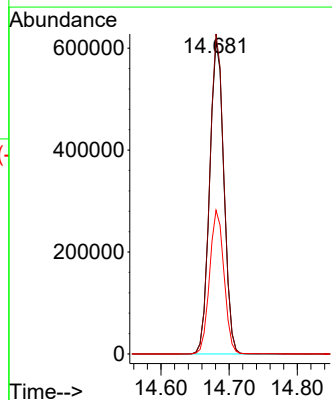
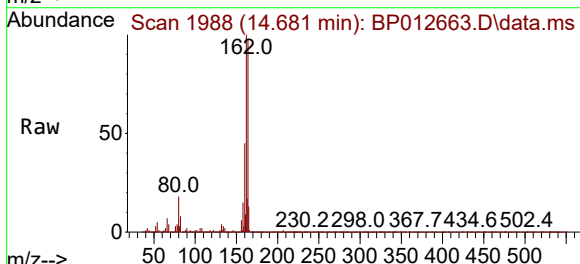
Instrument :
BNA_P
ClientSampleId :
PB148901BL

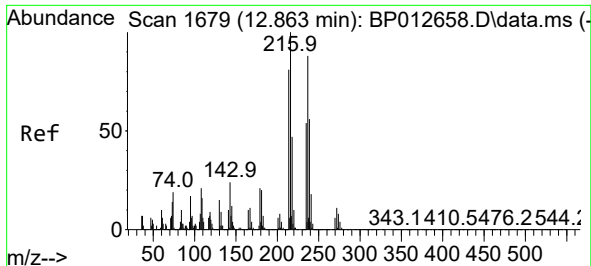
Tgt Ion:122 Resp: 206
Ion Ratio Lower Upper
122 100
105 167.5 101.1 141.1#
77 195.8 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:164 Resp: 893266
Ion Ratio Lower Upper
164 100
162 102.3 80.3 120.5
160 46.0 36.2 54.4

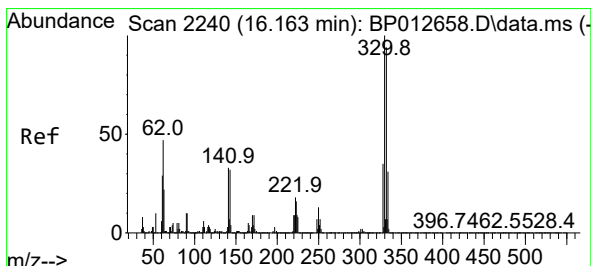
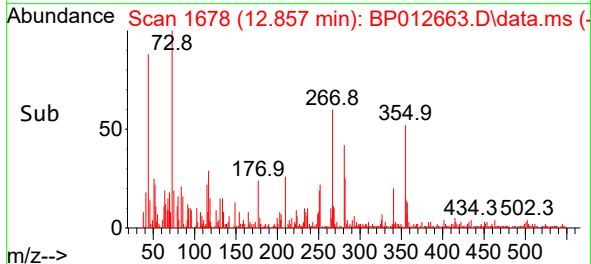
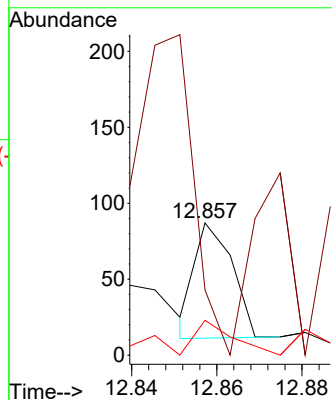
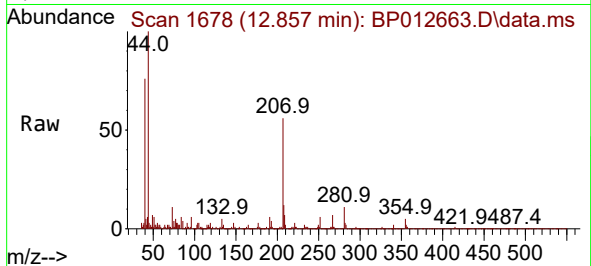




#41
Hexachlorocyclopentadiene
Concen: 4.734 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

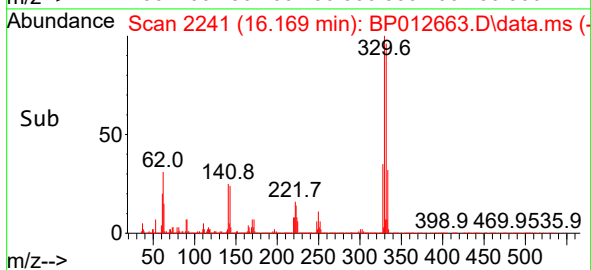
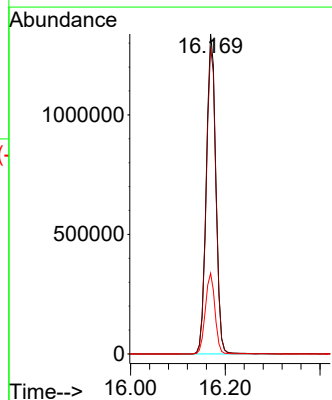
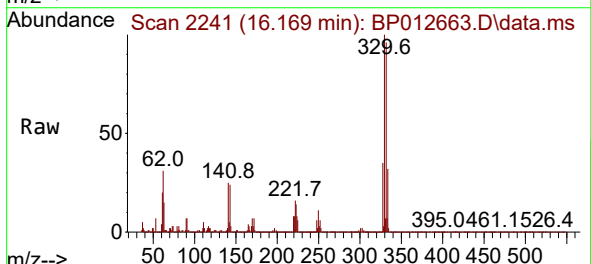
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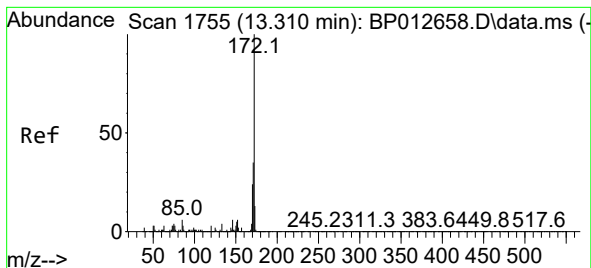
Tgt Ion:237	Resp:	46
Ion Ratio	Lower	Upper
237	100	
235	49.4	41.7 81.7
272	26.4	0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 183.891 ng
RT: 16.169 min Scan# 2241
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:330	Resp:	1879821
Ion Ratio	Lower	Upper
330	100	
332	96.6	77.0 115.4
141	25.4	26.7 40.1#

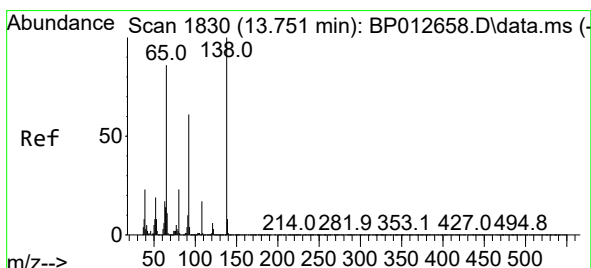
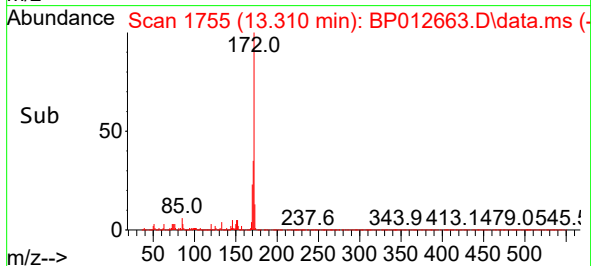
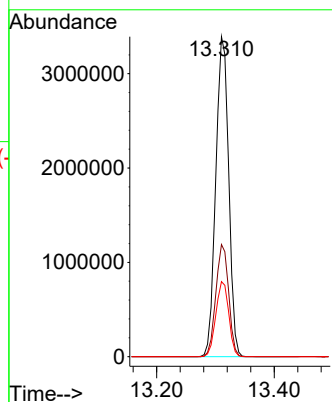
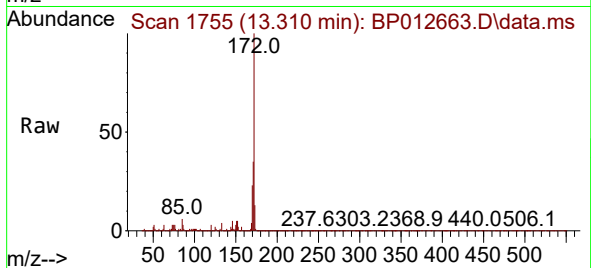




#45
2-Fluorobiphenyl
Concen: 87.034 ng
RT: 13.310 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

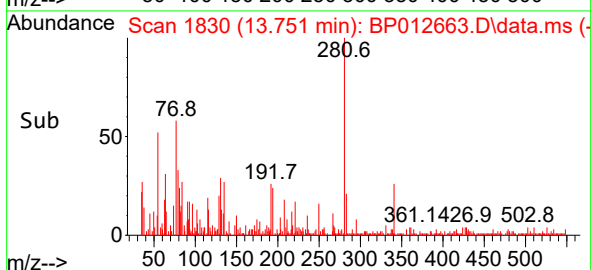
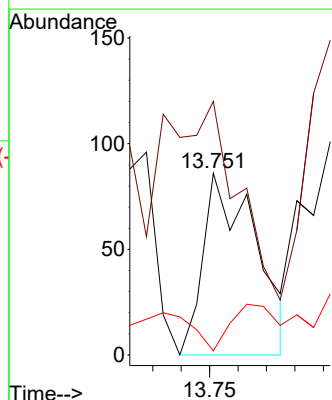
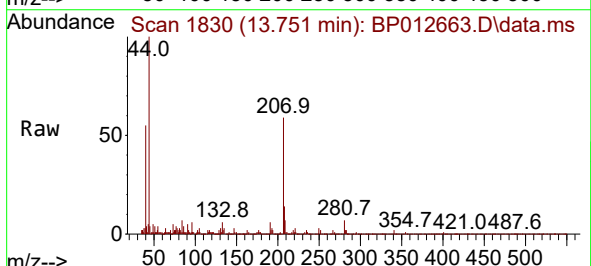
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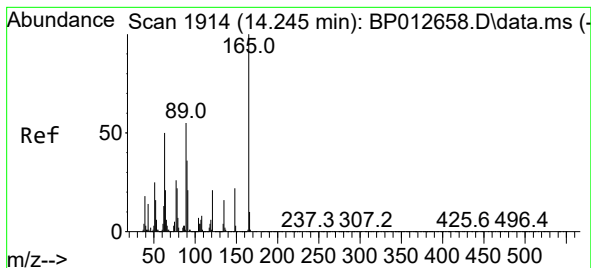
Tgt Ion:172 Resp: 5166938
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.3 28.9



#48
2-Nitroaniline
Concen: 5.768 ng
RT: 13.751 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 139.5 56.7 85.1#
138 2.3 92.7 139.1#

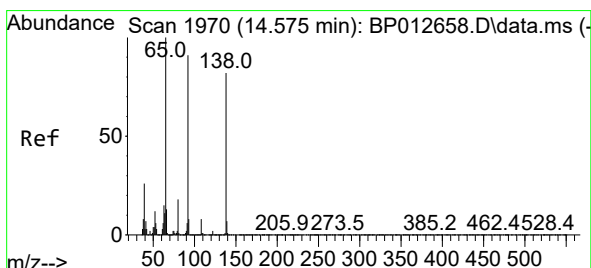
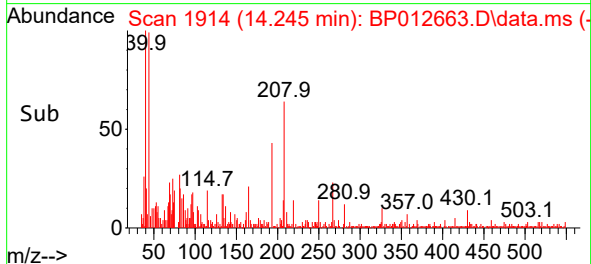
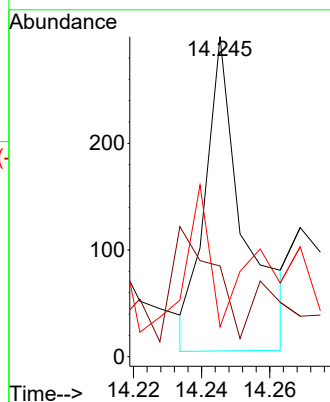
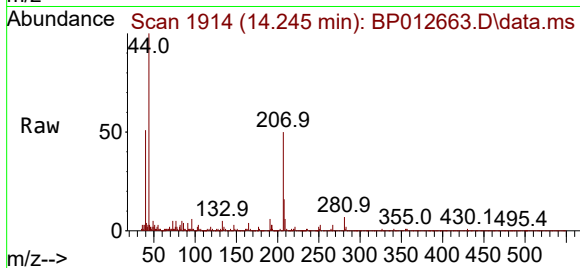




#51
2,6-Dinitrotoluene
Concen: 3.556 ng
RT: 14.245 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

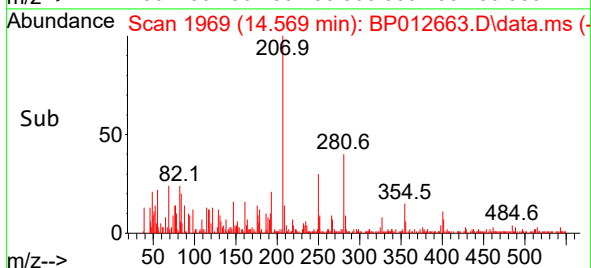
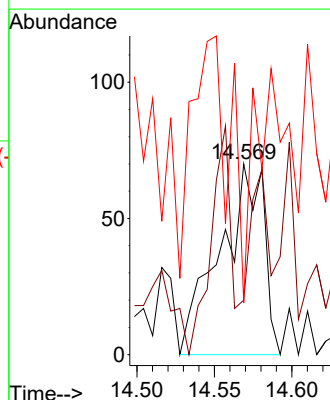
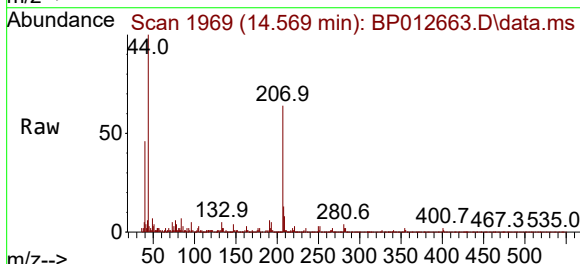
Instrument :
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ClientSampleId :
PB148901BL

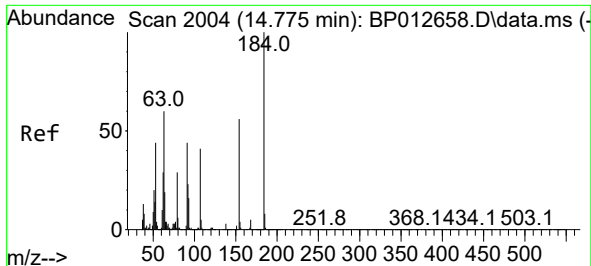
Tgt Ion:165 Resp: 232
Ion Ratio Lower Upper
165 100
63 37.7 42.6 63.8#
89 18.7 44.0 66.0#



#53
3-Nitroaniline
Concen: 3.217 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:138 Resp: 138
Ion Ratio Lower Upper
138 100
108 28.6 8.2 12.2#
92 27.1 89.1 133.7#

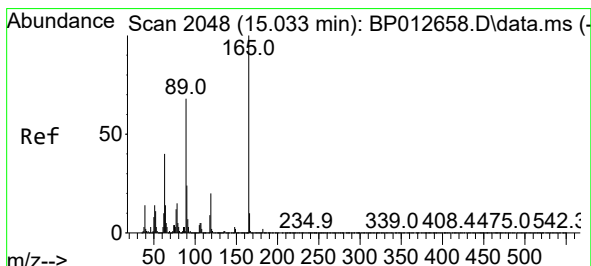
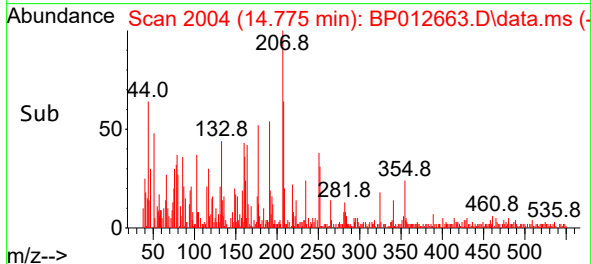
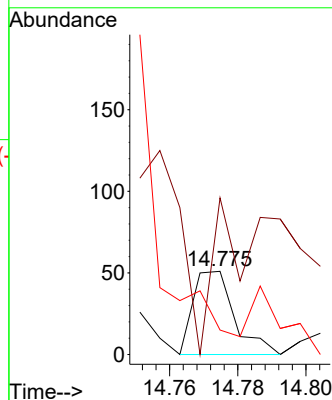
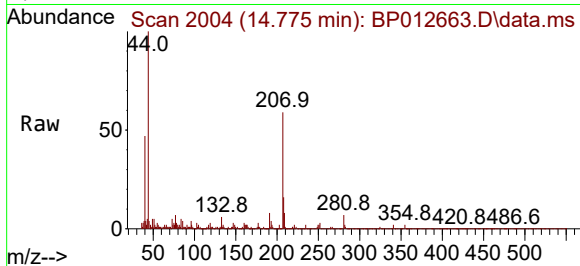




#54
2,4-Dinitrophenol
Concen: 8.177 ng
RT: 14.775 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

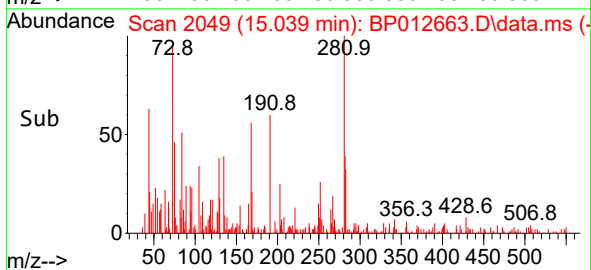
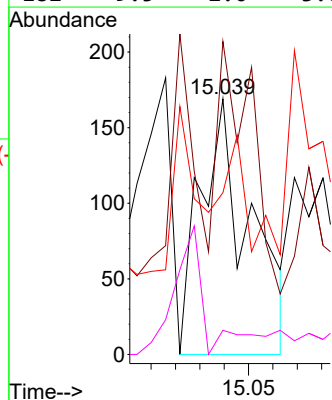
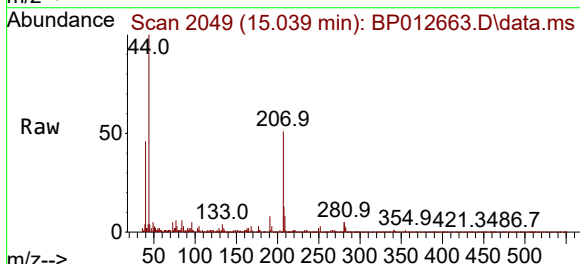
Instrument :
BNA_P
ClientSampleId :
PB148901BL

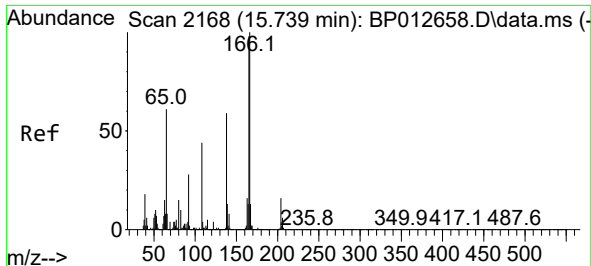
Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 188.2 48.0 72.0#
154 29.4 47.1 70.7#



#57
2,4-Dinitrotoluene
Concen: 4.361 ng
RT: 15.039 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:165 Resp: 237
Ion Ratio Lower Upper
165 100
63 122.5 32.0 48.0#
89 79.3 54.1 81.1
182 9.5 2.0 3.0#

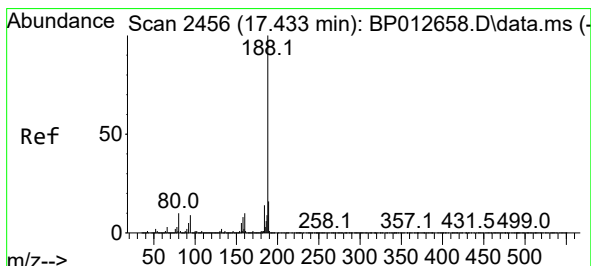
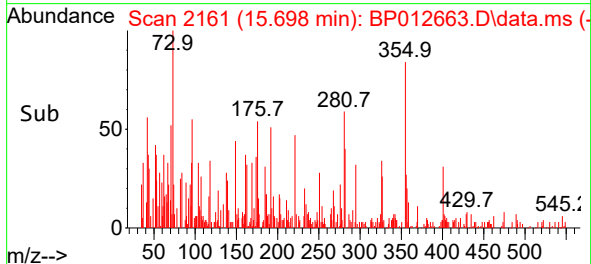
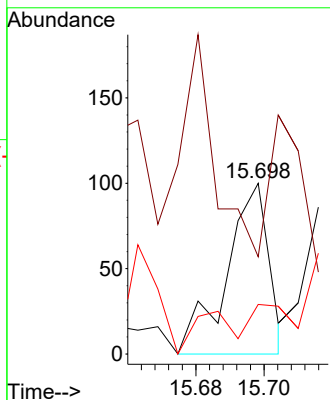
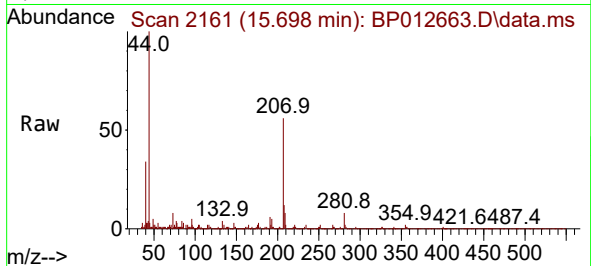




#62
4-Nitroaniline
Concen: 3.335 ng
RT: 15.698 min Scan# 2168
Delta R.T. -0.041 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

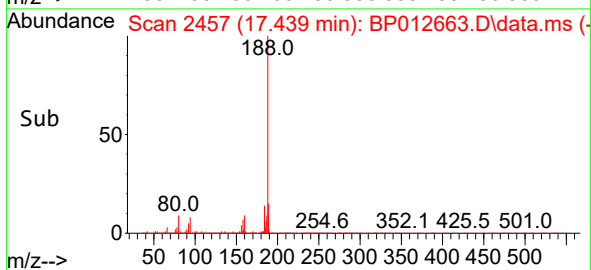
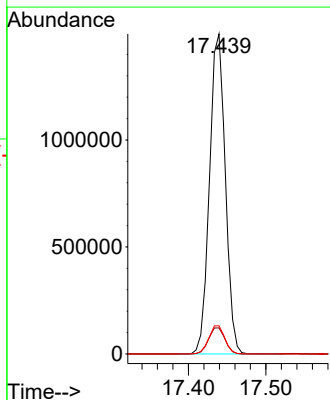
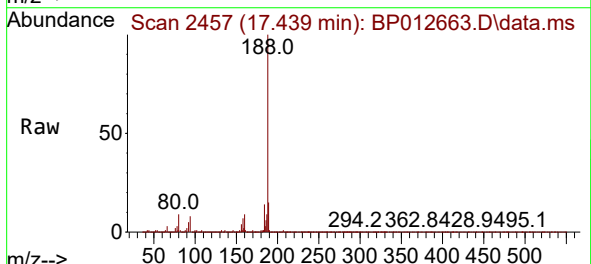
Instrument :
BNA_P
ClientSampleId :
PB148901BL

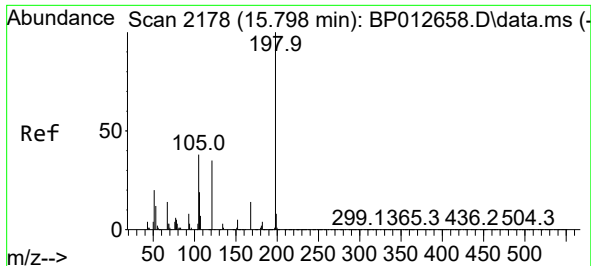
Tgt Ion:138 Resp: 86
Ion Ratio Lower Upper
138 100
92 57.0 28.2 68.2
108 54.0 53.7 93.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2457
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:188 Resp: 2119613
Ion Ratio Lower Upper
188 100
94 8.1 7.5 11.3
80 8.8 8.2 12.2

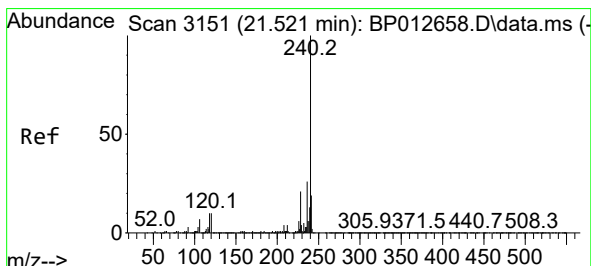
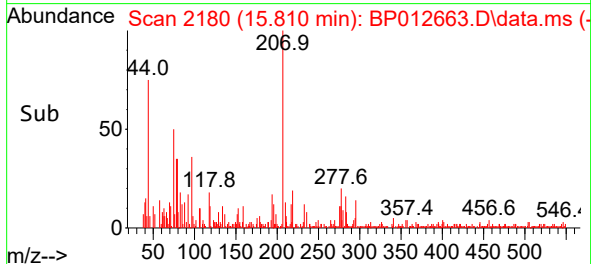
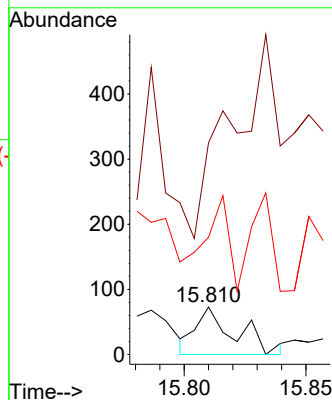
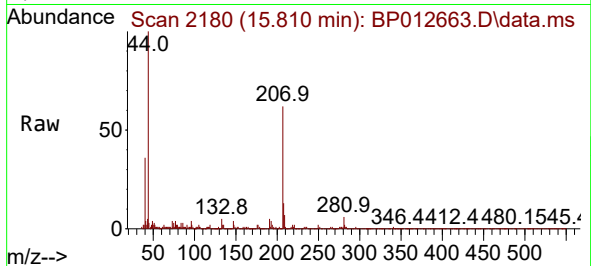




#65
4,6-Dinitro-2-methylphenol
Concen: 7.359 ng
RT: 15.810 min Scan# 2178
Delta R.T. 0.012 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

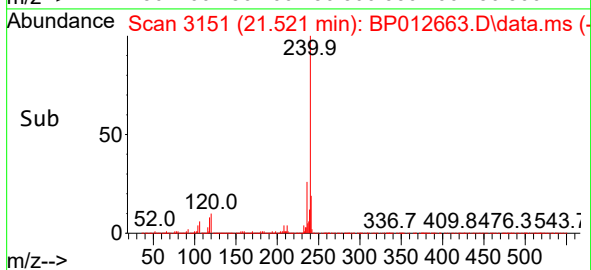
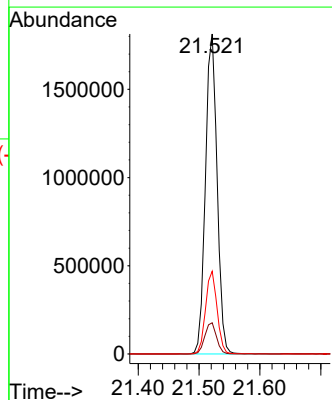
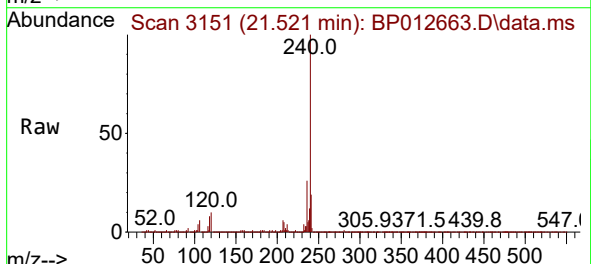
Instrument :
BNA_P
ClientSampleId :
PB148901BL

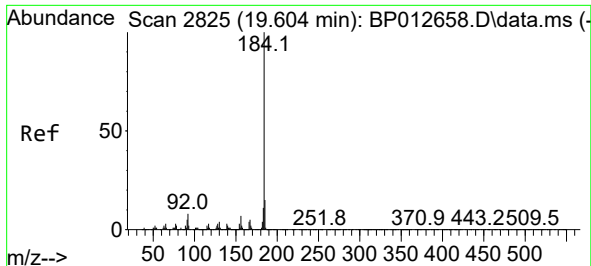
Tgt Ion:198 Resp: 83
Ion Ratio Lower Upper
198 100
51 445.2 18.2 58.2#
105 246.6 19.6 59.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:240 Resp: 2410285
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 25.9 20.4 30.6

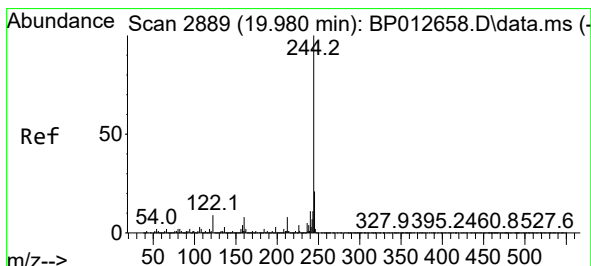
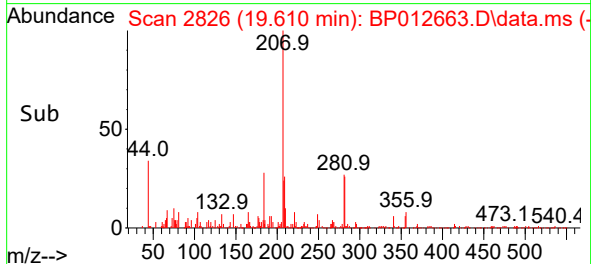
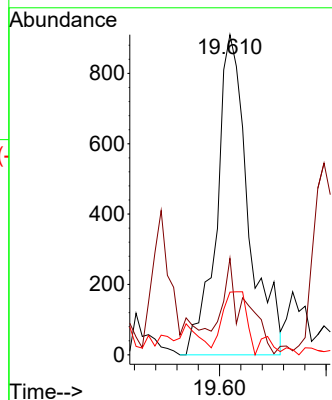
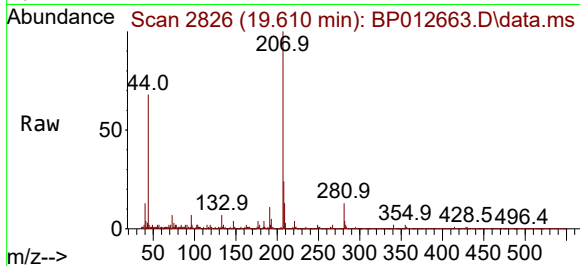




#77
Benzidine
Concen: 7.007 ng
RT: 19.610 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

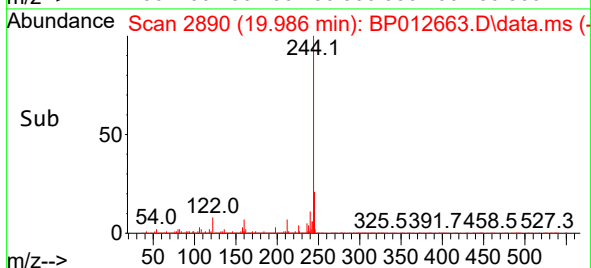
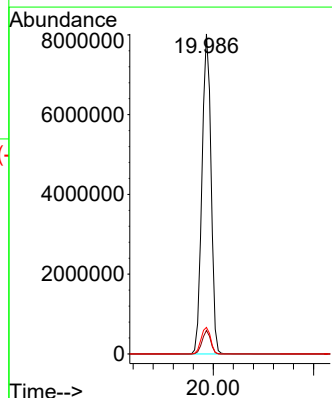
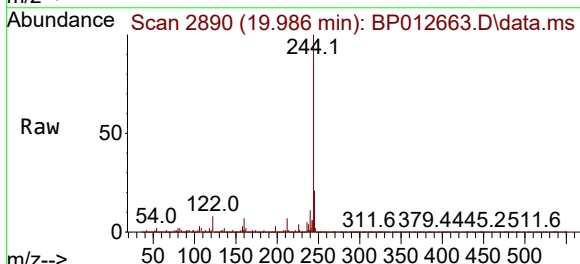
Instrument :
BNA_P
ClientSampleId :
PB148901BL

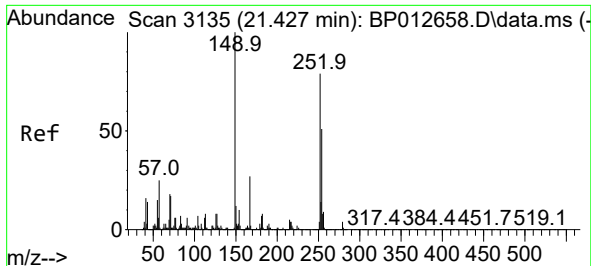
Tgt Ion:184 Resp: 1874
Ion Ratio Lower Upper
184 100
185 26.2 12.2 18.2#
183 17.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 89.989 ng
RT: 19.986 min Scan# 2890
Delta R.T. 0.006 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:244 Resp:10038644
Ion Ratio Lower Upper
244 100
212 7.4 6.3 9.5
122 8.3 7.5 11.3

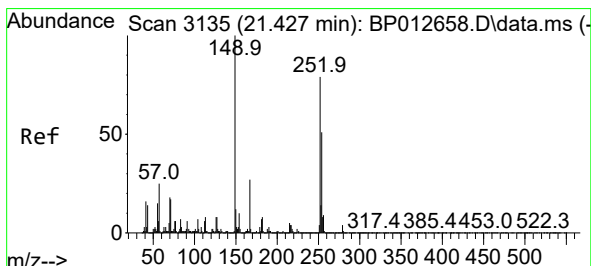
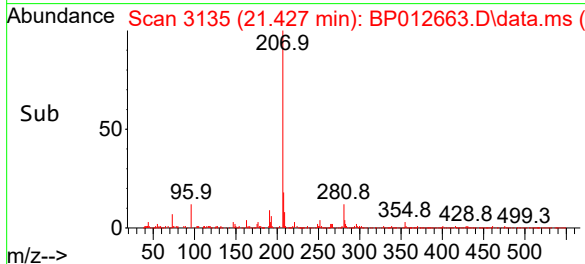
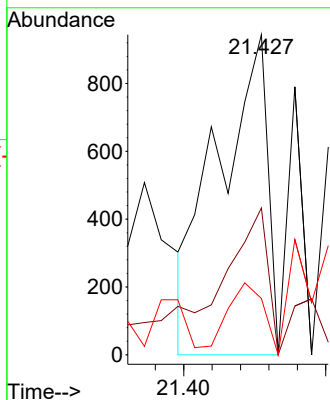
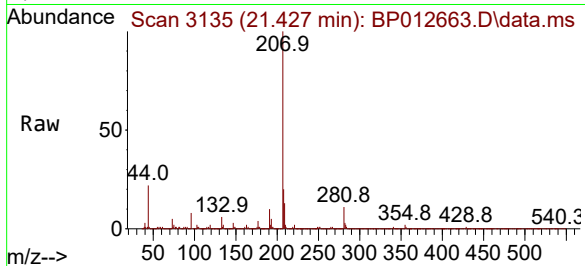




#82
3,3'-Dichlorobenzidine
Concen: 6.291 ng
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

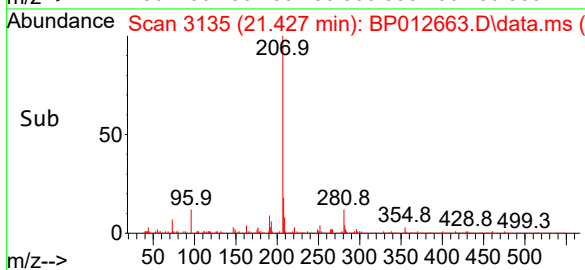
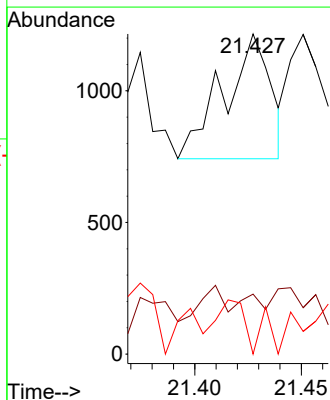
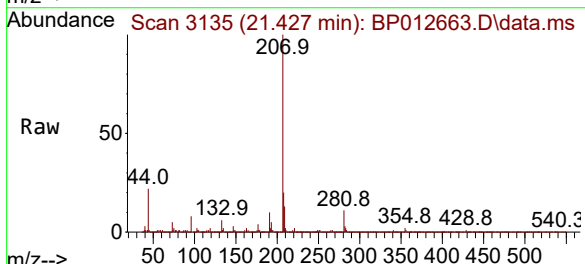
Instrument :
BNA_P
ClientSampleId :
PB148901BL

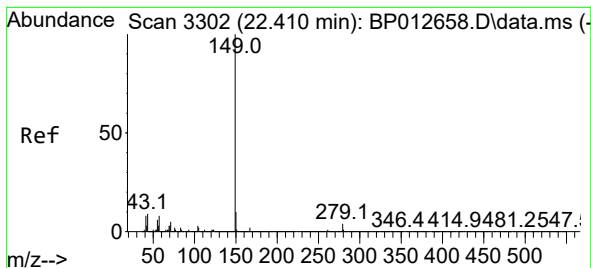
Tgt Ion:252 Resp: 1147
Ion Ratio Lower Upper
252 100
254 45.9 51.9 77.9#
126 17.6 8.2 12.4#



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.083 ng
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP012663.D
Acq: 17 Nov 2022 16:07

Tgt Ion:149 Resp: 726
Ion Ratio Lower Upper
149 100
167 18.8 21.7 32.5#
279 0.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 9.313 ng

RT: 22.398 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP012663.D

Acq: 17 Nov 2022 16:07

Instrument :

BNA_P

ClientSampleId :

PB148901BL

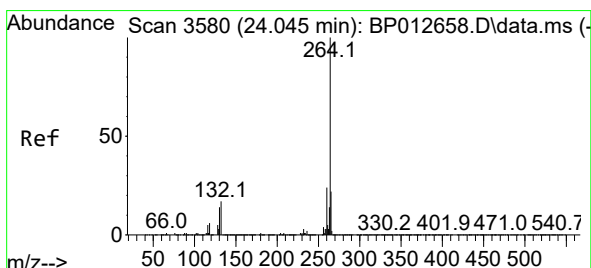
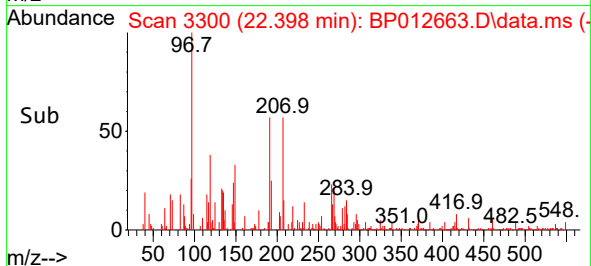
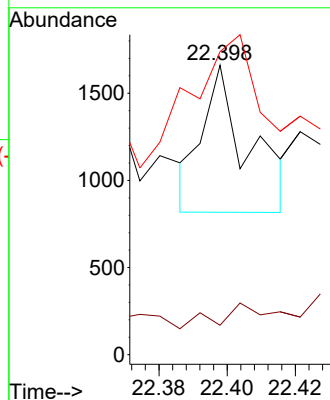
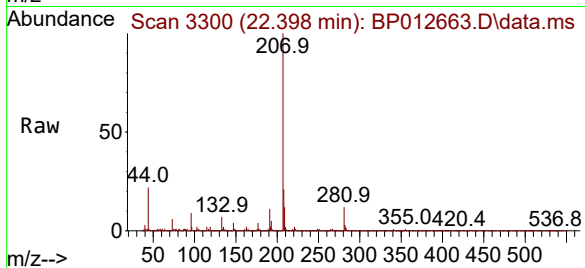
Tgt Ion:149 Resp: 787

Ion Ratio Lower Upper

149 100

167 19.3 1.3 1.9#

43 133.2 8.9 13.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.051 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP012663.D

Acq: 17 Nov 2022 16:07

Tgt Ion:264 Resp: 2656434

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.8 17.3 25.9

