

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111722\
 Data File : BP012664.D
 Acq On : 17 Nov 2022 16:43
 Operator : CG/JU
 Sample : PB149128BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB149128BL

Quant Time: Nov 18 04:54:07 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)

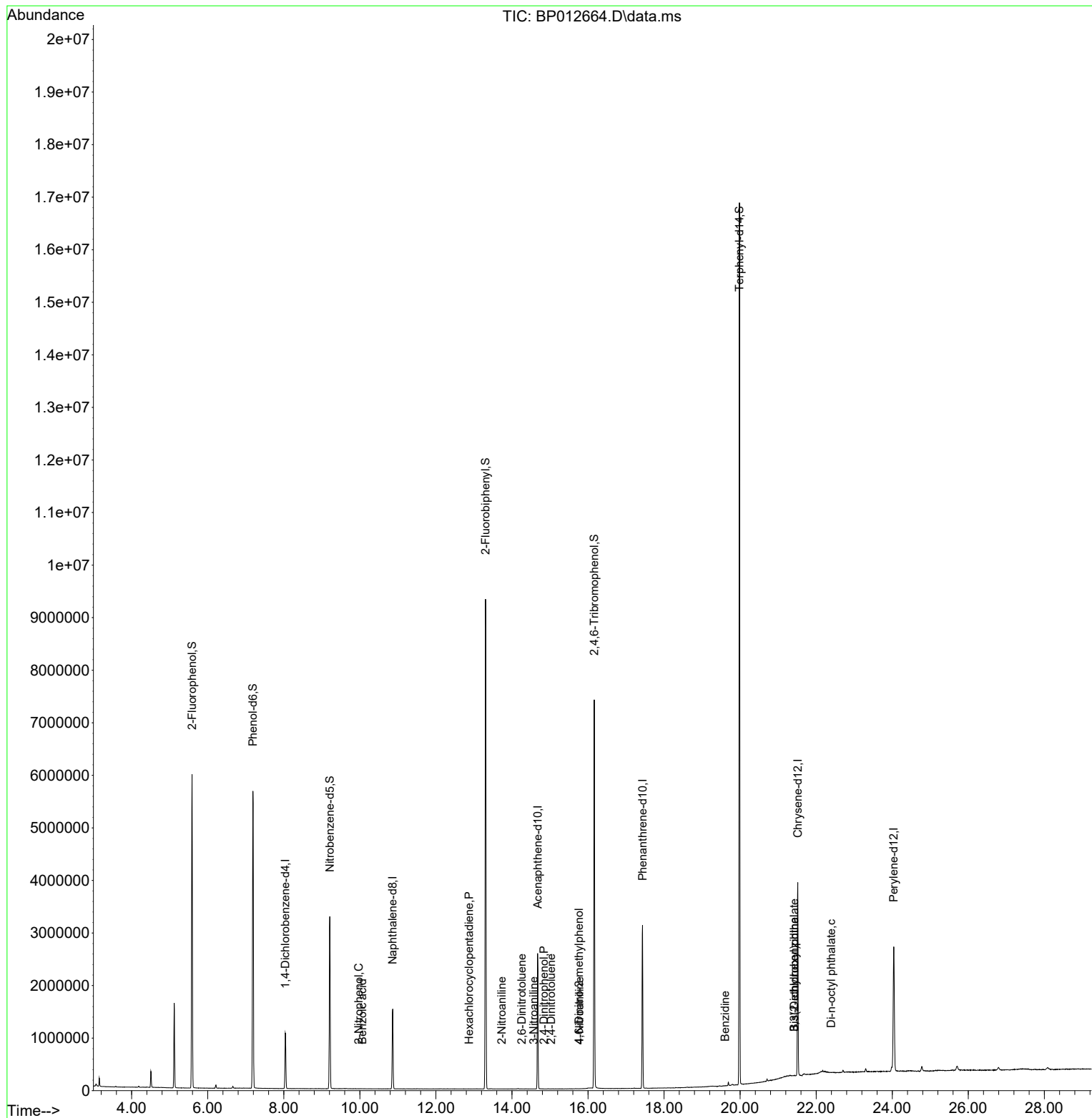
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	301469	20.000	ng	0.00
21) Naphthalene-d8	10.863	136	1292057	20.000	ng	0.00
39) Acenaphthene-d10	14.675	164	857707	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	1885653	20.000	ng	0.00
76) Chrysene-d12	21.516	240	1834170	20.000	ng	0.00
86) Perylene-d12	24.039	264	1845440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2615740	156.808	ng	0.00
7) Phenol-d6	7.187	99	3415661	147.025	ng	0.00
23) Nitrobenzene-d5	9.210	82	1807755	87.970	ng	0.00
42) 2,4,6-Tribromophenol	16.163	330	1377490	140.337	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	4954129	86.909	ng	0.00
79) Terphenyl-d14	19.980	244	8057301	94.914	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.969	139	26	4.250	ng	# 1
32) Benzoic acid	10.063	122	297	5.044	ng	89
41) Hexachlorocyclopentadiene	12.869	237	17	4.731	ng	# 1
48) 2-Nitroaniline	13.734	65	73	5.765	ng	# 39
51) 2,6-Dinitrotoluene	14.257	165	79	3.546	ng	# 66
53) 3-Nitroaniline	14.569	138	35	3.211	ng	# 1
54) 2,4-Dinitrophenol	14.840	184	35	8.176	ng	87
57) 2,4-Dinitrotoluene	15.028	165	86	4.354	ng	# 51
62) 4-Nitroaniline	15.775	138	10	3.330	ng	76
65) 4,6-Dinitro-2-methylph...	15.763	198	93	7.360	ng	# 1
77) Benzidine	19.604	184	467	6.980	ng	# 85
82) 3,3'-Dichlorobenzidine	21.422	252	204	6.277	ng	# 56
84) Bis(2-ethylhexyl)phtha...	21.422	149	484	6.082	ng	# 72
85) Di-n-octyl phthalate	22.392	149	871	9.315	ng	# 1

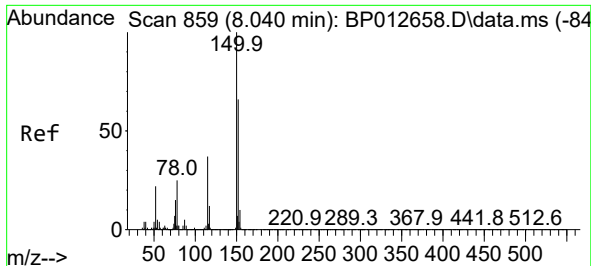
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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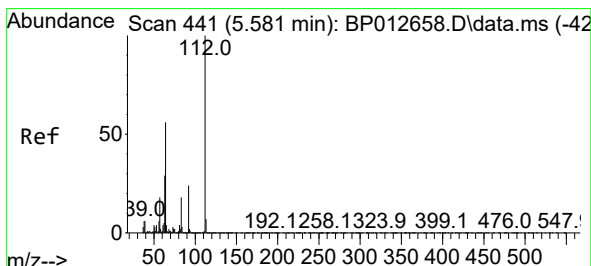
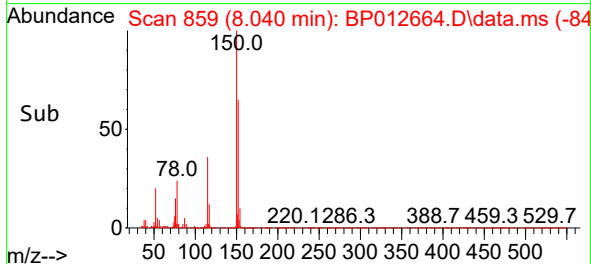
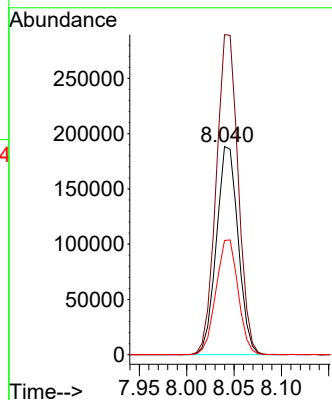
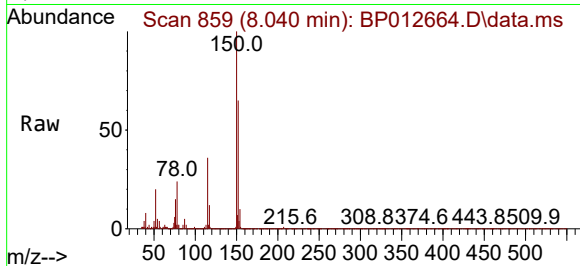




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.040 min Scan# 859
Delta R.T. -0.000 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

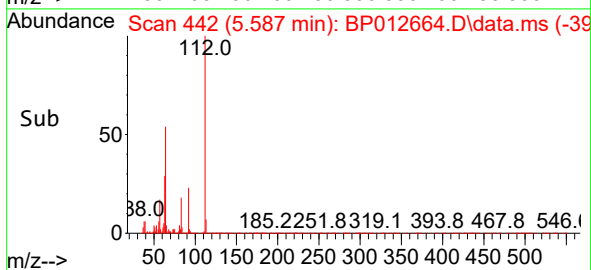
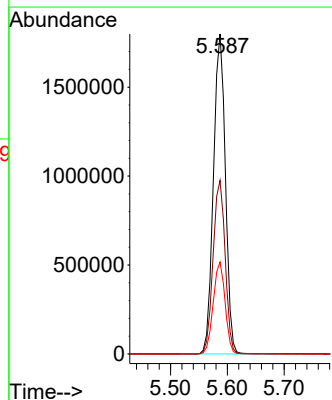
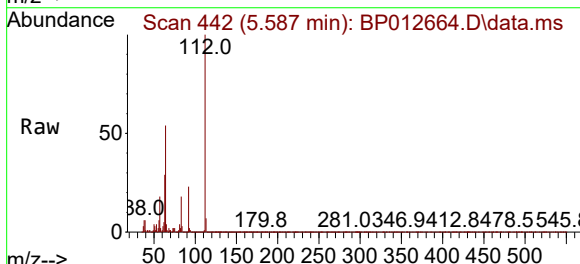
Instrument :
BNA_P
ClientSampleId :
PB149128BL

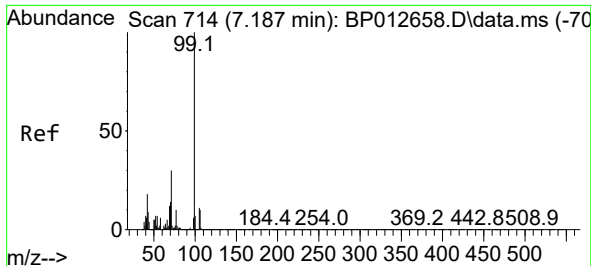
Tgt Ion:152 Resp: 301469
Ion Ratio Lower Upper
152 100
150 153.7 121.8 182.8
115 54.8 45.4 68.2



#5
2-Fluorophenol
Concen: 156.808 ng
RT: 5.587 min Scan# 442
Delta R.T. 0.006 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:112 Resp: 2615740
Ion Ratio Lower Upper
112 100
64 54.3 44.7 67.1
63 28.8 23.3 34.9



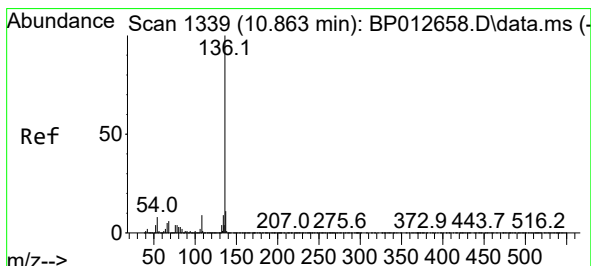
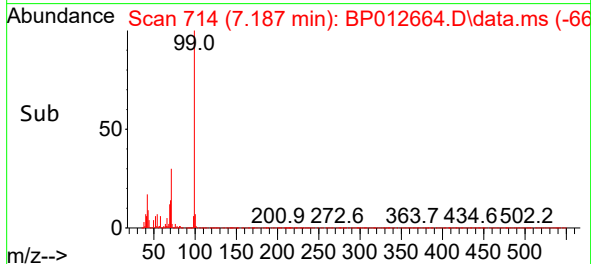
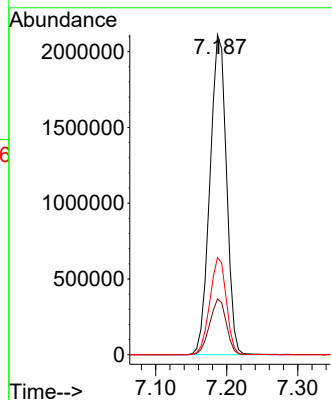
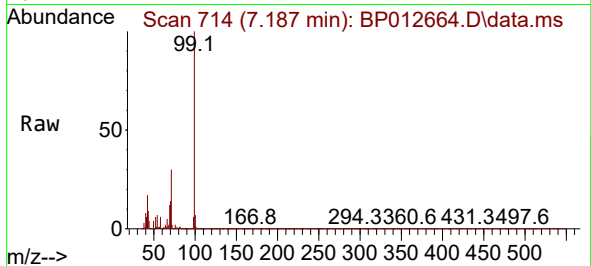


#7
Phenol-d6
Concen: 147.025 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Instrument :
BNA_P
ClientSampleId :
PB149128BL

Tgt Ion: 99 Resp: 3415661

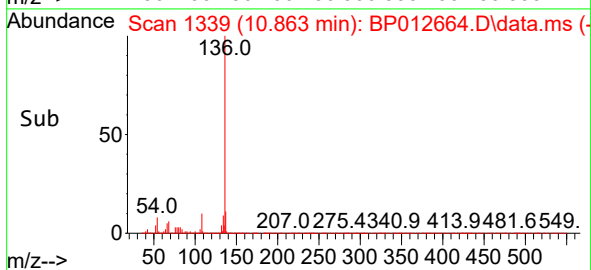
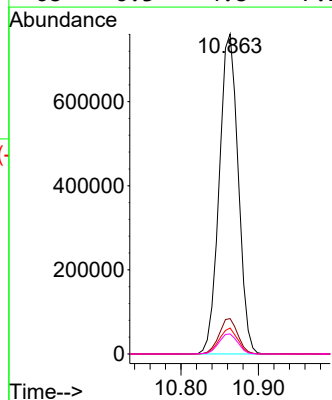
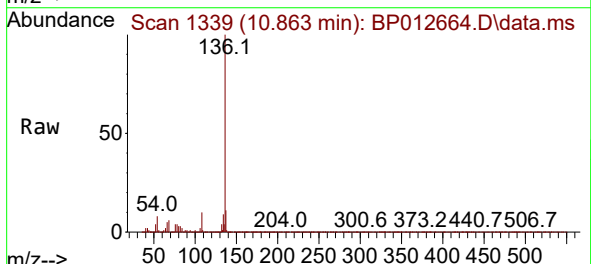
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.2	21.2
71	30.3	24.4	36.6

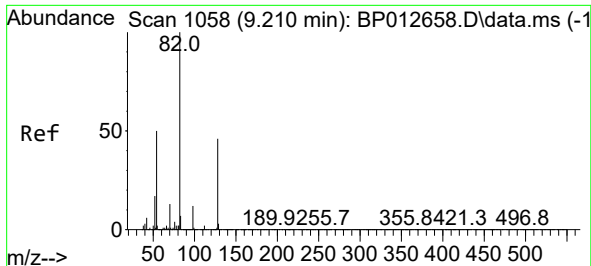


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.863 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:136 Resp: 1292057

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.1	6.3	9.5
68	6.3	4.8	7.2

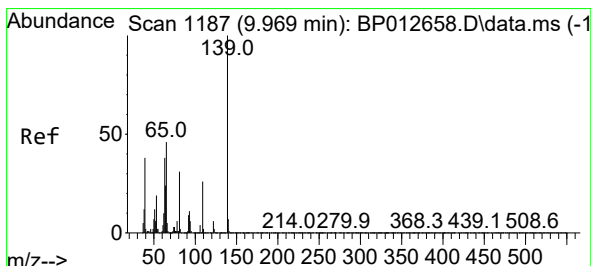
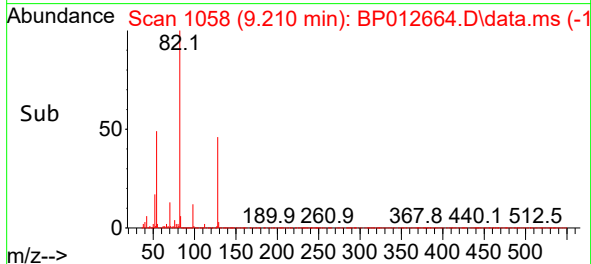
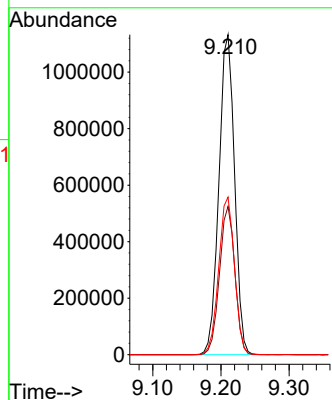
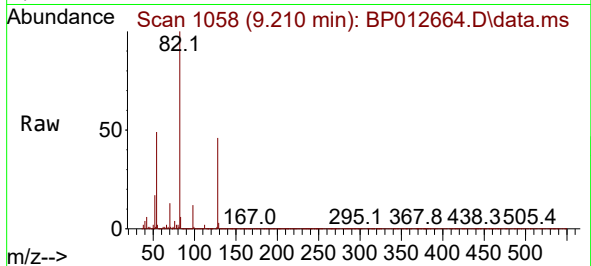




#23
Nitrobenzene-d5
Concen: 87.970 ng
RT: 9.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

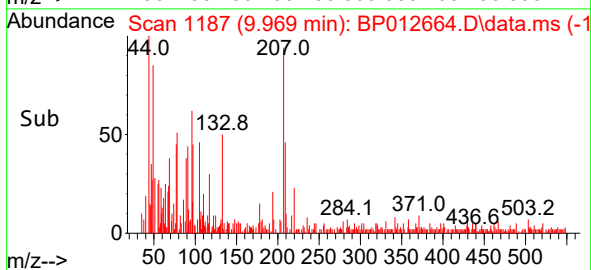
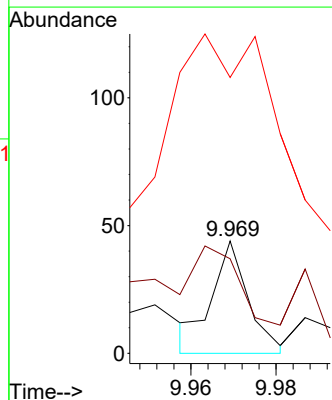
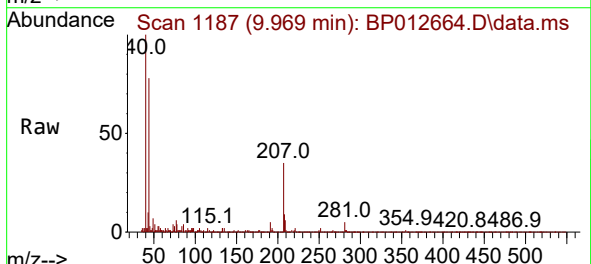
Instrument :
BNA_P
ClientSampleId :
PB149128BL

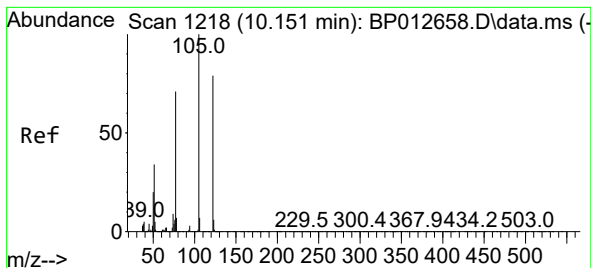
Tgt Ion: 82 Resp: 1807755
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 49.3 39.9 59.9



#26
2-Nitrophenol
Concen: 4.250 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:139 Resp: 26
Ion Ratio Lower Upper
139 100
109 84.1 20.9 31.3#
65 245.5 36.6 54.8#

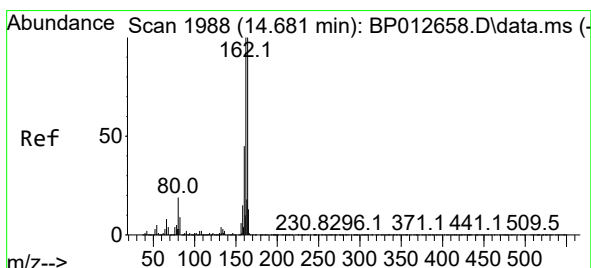
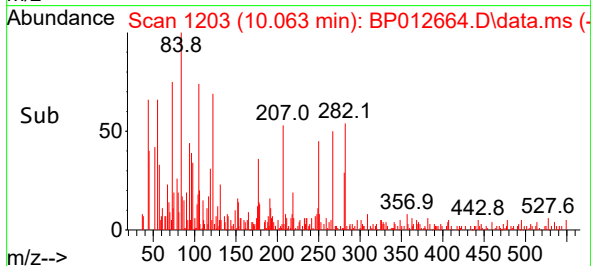
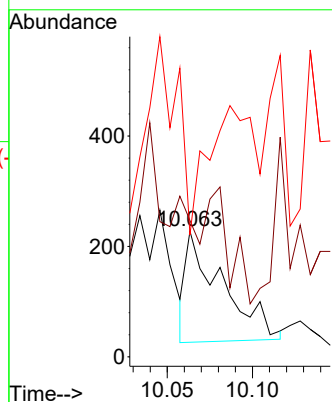
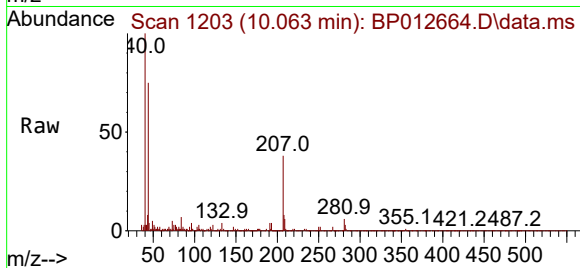




#32
Benzoic acid
Concen: 5.044 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.088 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

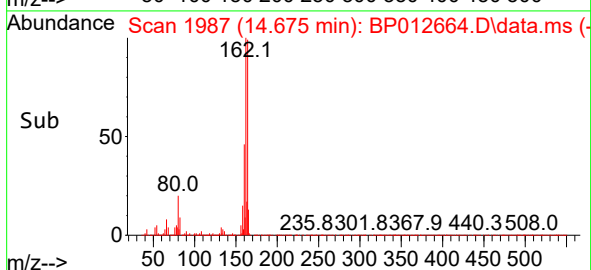
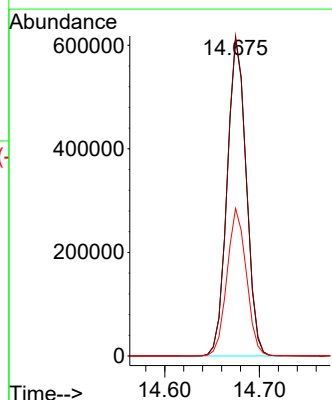
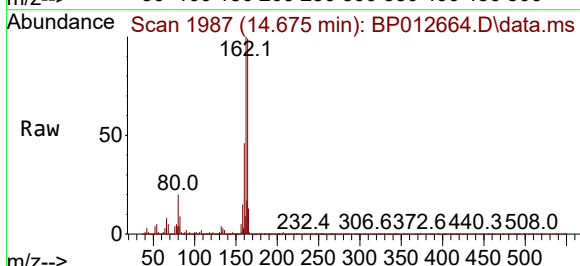
Instrument :
BNA_P
ClientSampleId :
PB149128BL

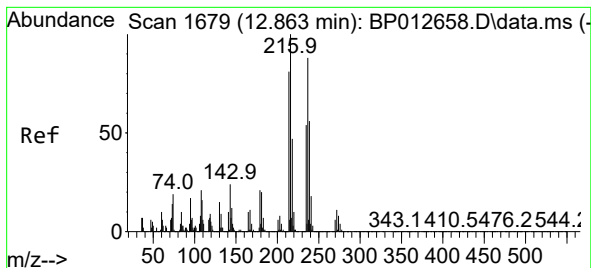
Tgt Ion:122 Resp: 297
Ion Ratio Lower Upper
122 100
105 107.9 101.1 141.1
77 96.5 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:164 Resp: 857707
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 46.5 36.2 54.4





#41

Hexachlorocyclopentadiene

Concen: 4.731 ng

RT: 12.869 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP012664.D

Acq: 17 Nov 2022 16:43

Instrument :

BNA_P

ClientSampleId :

PB149128BL

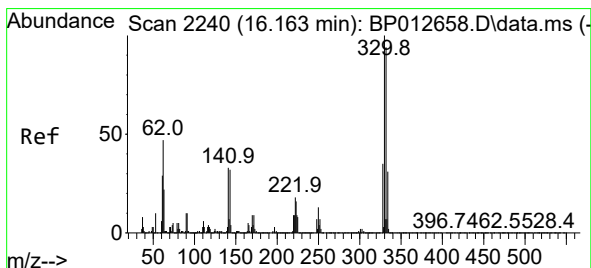
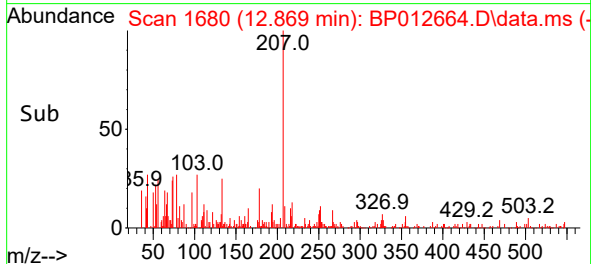
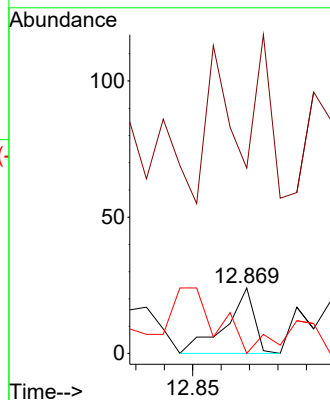
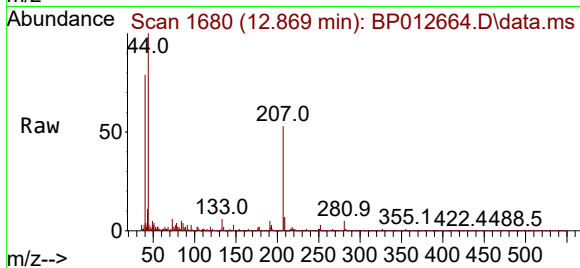
Tgt Ion:237 Resp: 17

Ion Ratio Lower Upper

237 100

235 283.3 41.7 81.7#

272 0.0 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 140.337 ng

RT: 16.163 min Scan# 2240

Delta R.T. 0.000 min

Lab File: BP012664.D

Acq: 17 Nov 2022 16:43

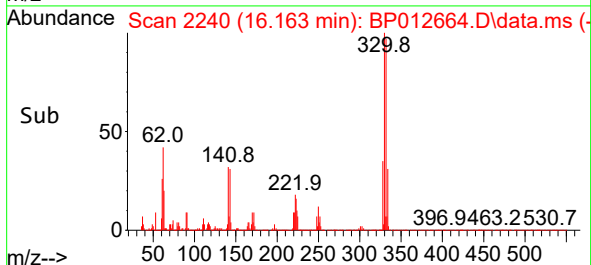
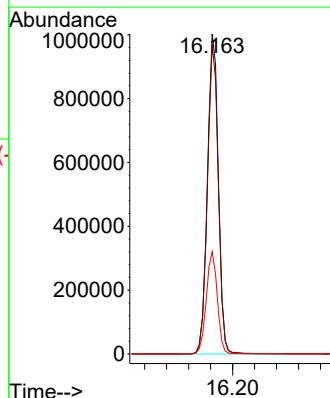
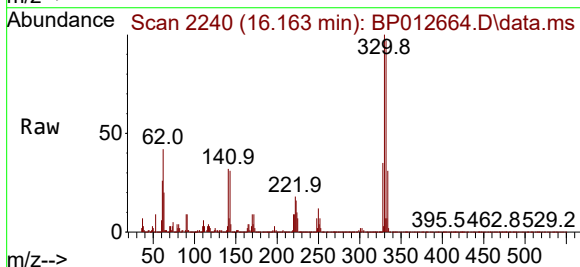
Tgt Ion:330 Resp: 1377490

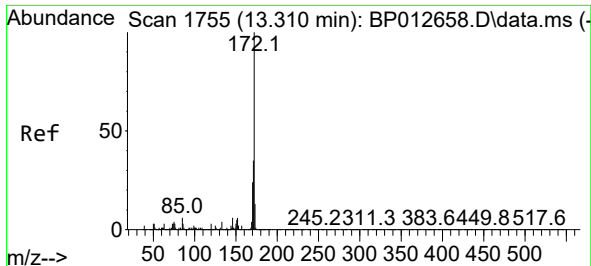
Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

141 32.2 26.7 40.1

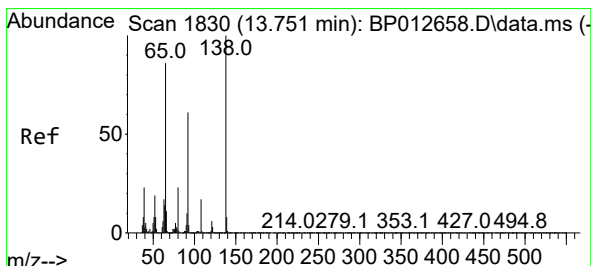
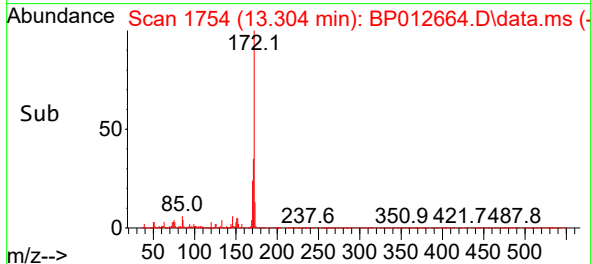
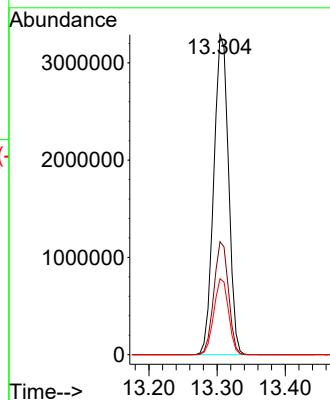
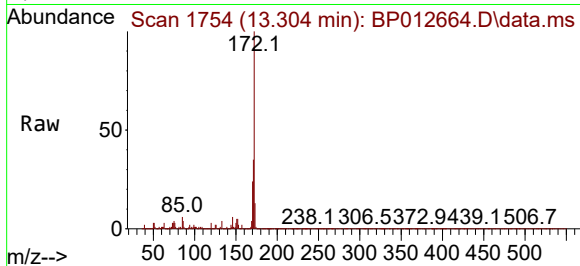




#45
2-Fluorobiphenyl
Concen: 86.909 ng
RT: 13.304 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

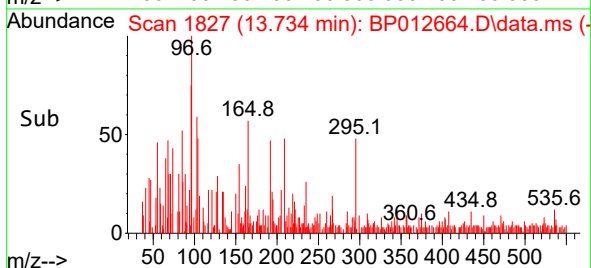
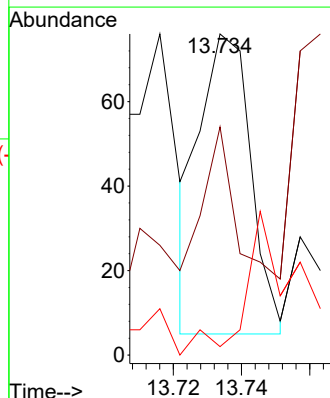
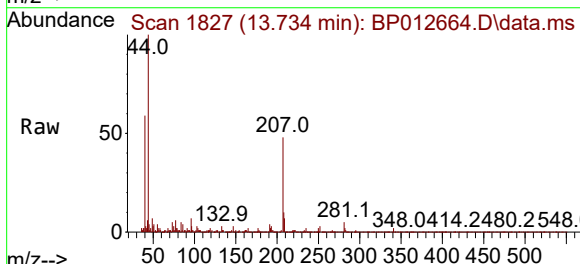
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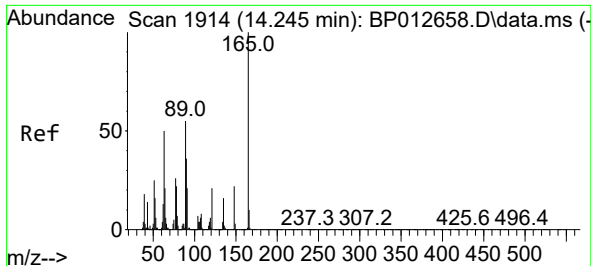
Tgt Ion:172 Resp: 4954129
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.7 19.3 28.9



#48
2-Nitroaniline
Concen: 5.765 ng
RT: 13.734 min Scan# 1827
Delta R.T. -0.017 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion: 65 Resp: 73
Ion Ratio Lower Upper
65 100
92 71.1 56.7 85.1
138 9.2 92.7 139.1#

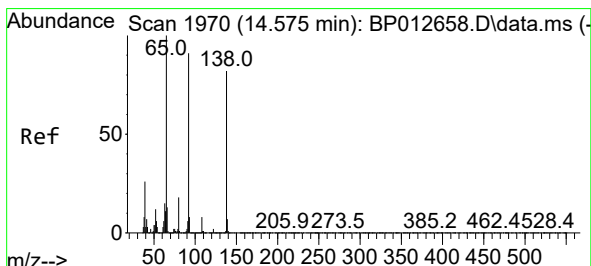
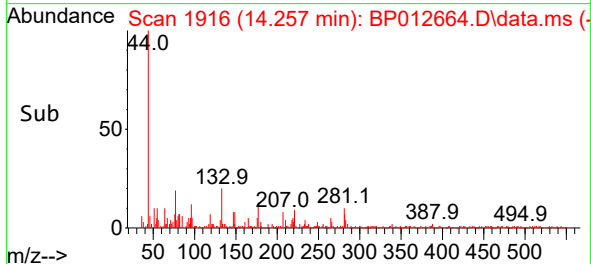
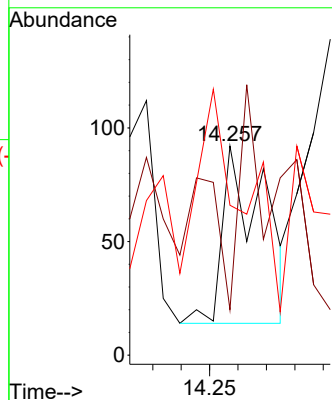
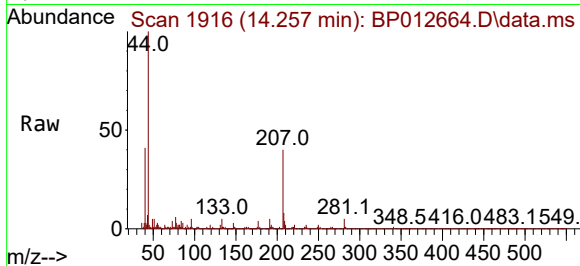




#51
2,6-Dinitrotoluene
Concen: 3.546 ng
RT: 14.257 min Scan# 1914
Delta R.T. 0.012 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

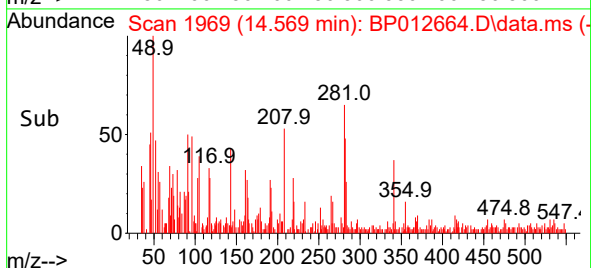
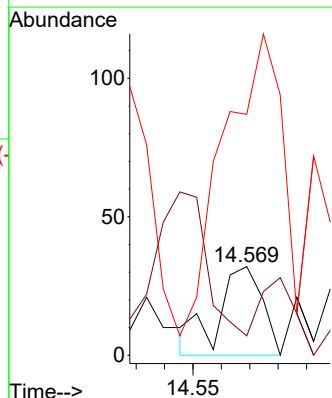
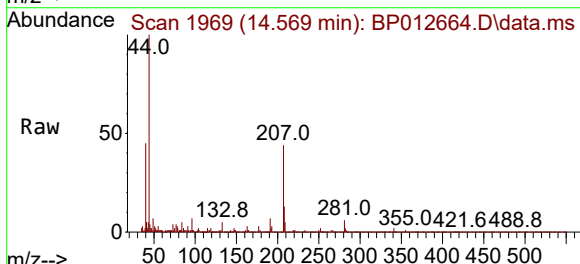
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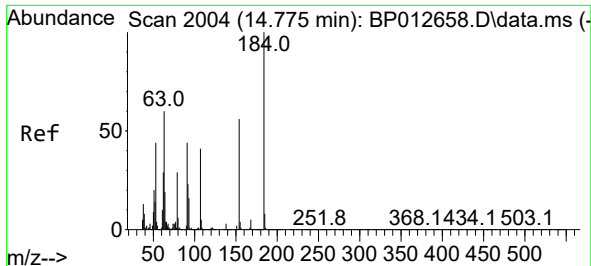
Tgt Ion:165 Resp: 79
Ion Ratio Lower Upper
165 100
63 21.7 42.6 63.8#
89 71.7 44.0 66.0#



#53
3-Nitroaniline
Concen: 3.211 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:138 Resp: 35
Ion Ratio Lower Upper
138 100
108 21.9 8.2 12.2#
92 271.9 89.1 133.7#

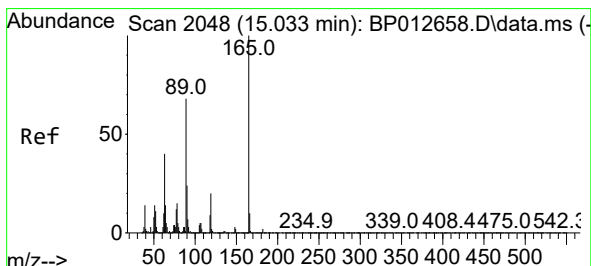
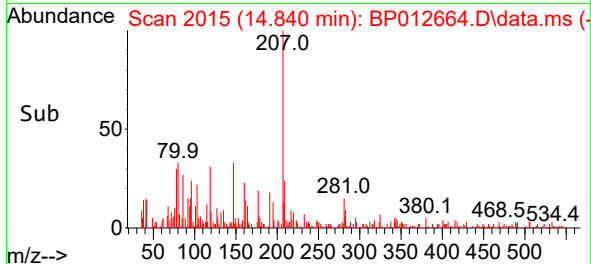
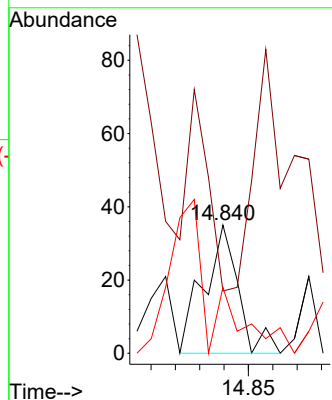
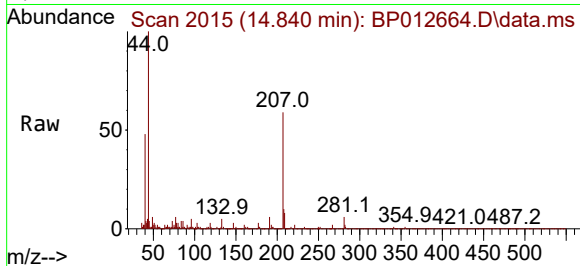




#54
2,4-Dinitrophenol
Concen: 8.176 ng
RT: 14.840 min Scan# 2015
Delta R.T. 0.065 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

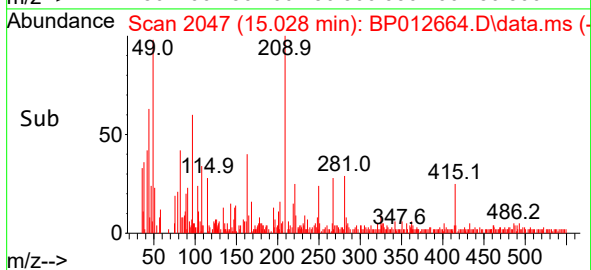
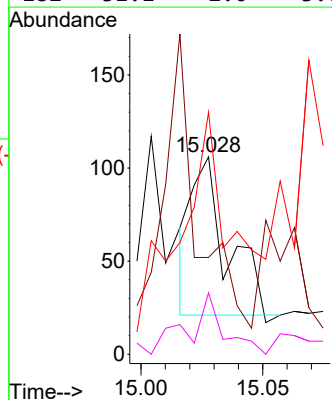
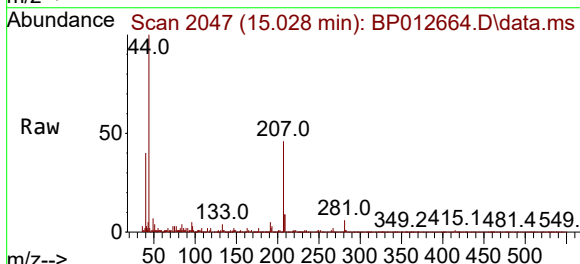
Instrument :
BNA_P
ClientSampleId :
PB149128BL

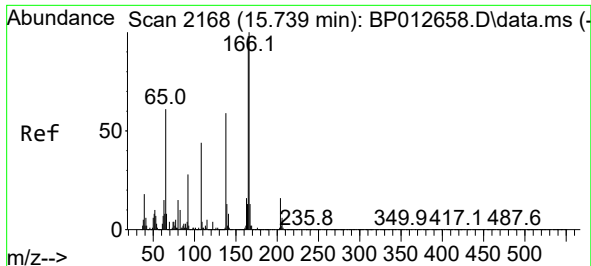
Tgt Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 48.6 48.0 72.0
154 51.4 47.1 70.7



#57
2,4-Dinitrotoluene
Concen: 4.354 ng
RT: 15.028 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:165 Resp: 86
Ion Ratio Lower Upper
165 100
63 49.1 32.0 48.0#
89 122.6 54.1 81.1#
182 31.1 2.0 3.0#

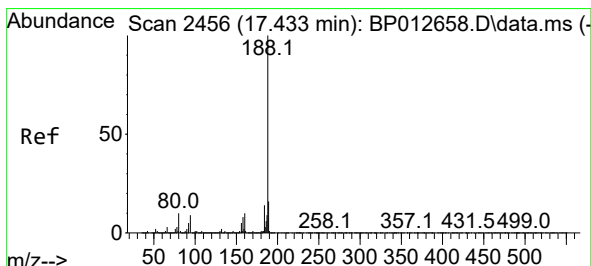
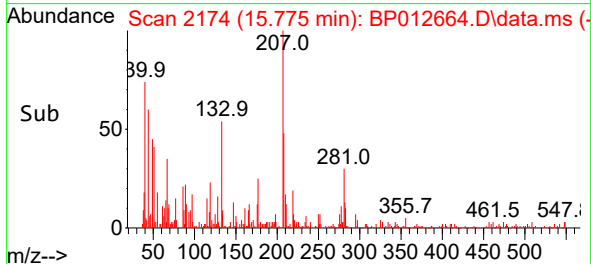
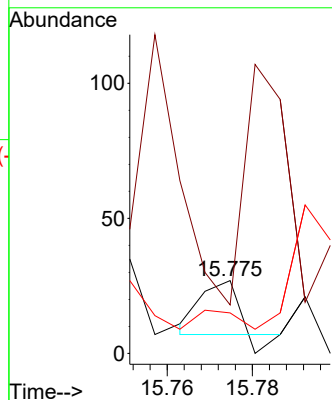
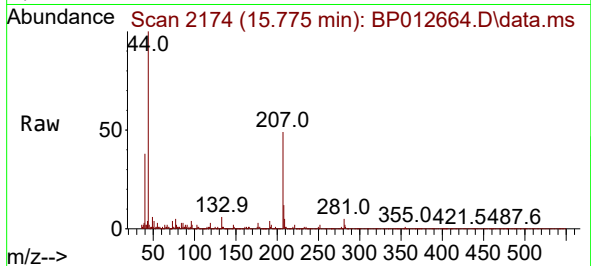




#62
4-Nitroaniline
Concen: 3.330 ng
RT: 15.775 min Scan# 2168
Delta R.T. 0.036 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

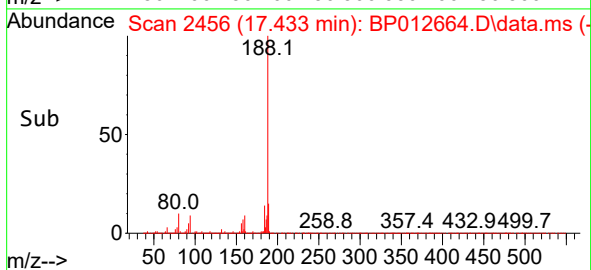
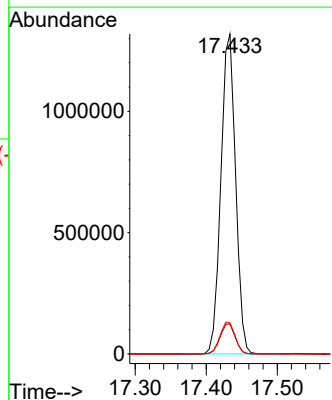
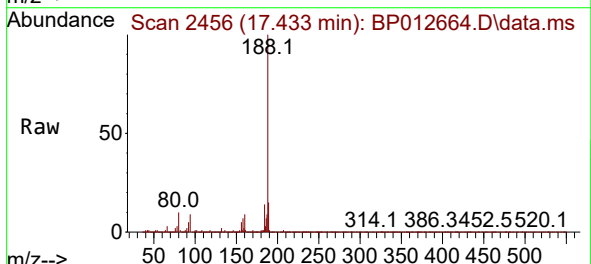
Instrument :
BNA_P
ClientSampleId :
PB149128BL

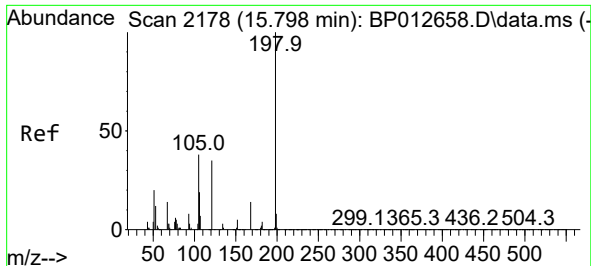
Tgt Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
92 66.7 28.2 68.2
108 55.6 53.7 93.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:188 Resp: 1885653
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.8 8.2 12.2

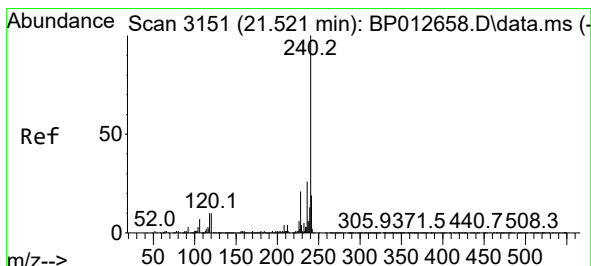
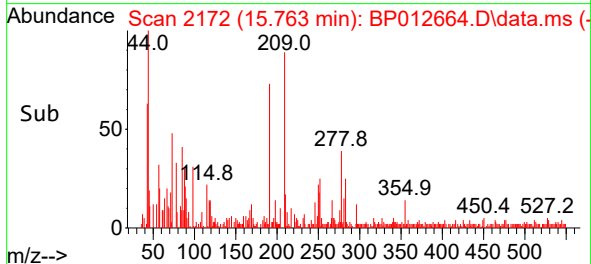
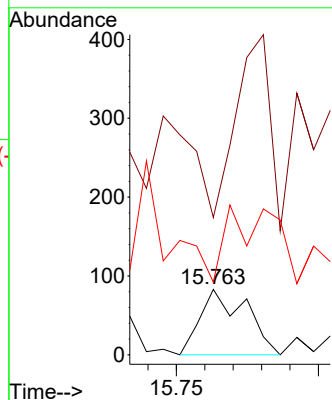
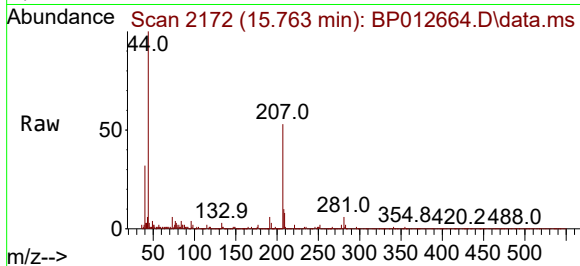




#65
4,6-Dinitro-2-methylphenol
Concen: 7.360 ng
RT: 15.763 min Scan# 2178
Delta R.T. -0.035 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

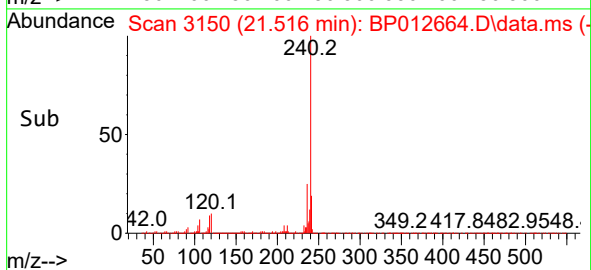
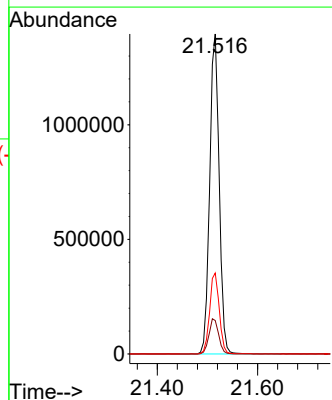
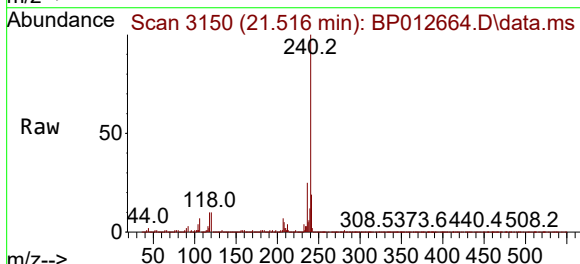
Instrument :
BNA_P
ClientSampleId :
PB149128BL

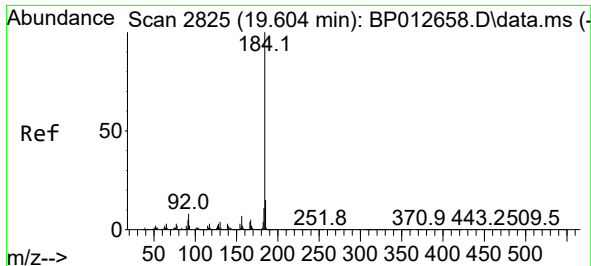
Tgt Ion:198 Resp: 93
Ion Ratio Lower Upper
198 100
51 209.6 18.2 58.2#
105 110.8 19.6 59.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:240 Resp: 1834170
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.3 20.4 30.6

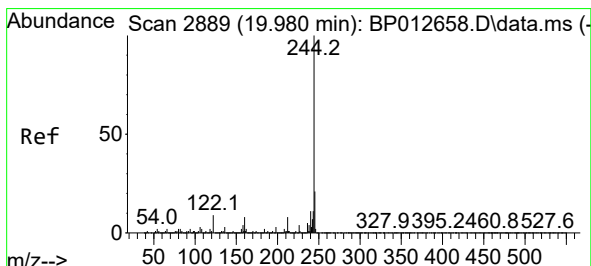
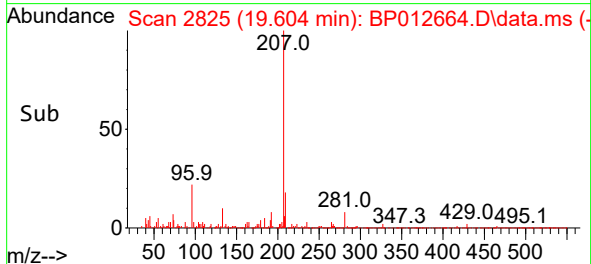
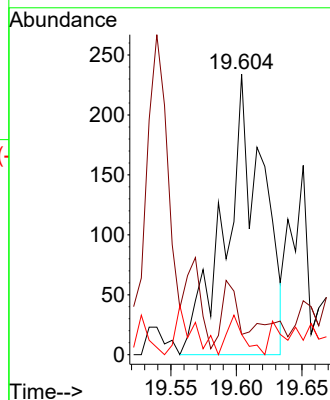
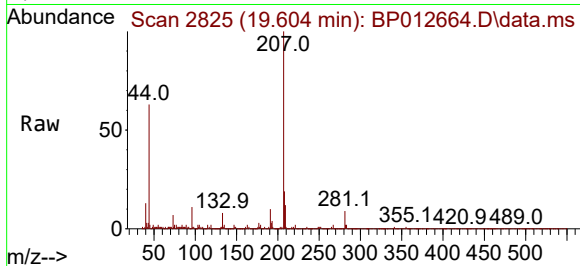




#77
Benzidine
Concen: 6.980 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

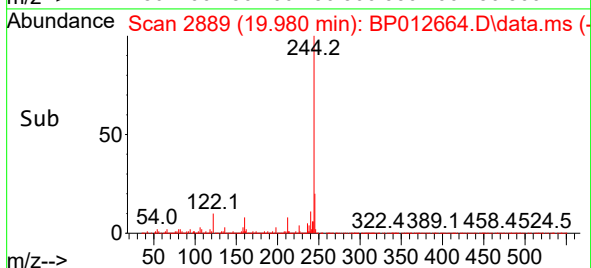
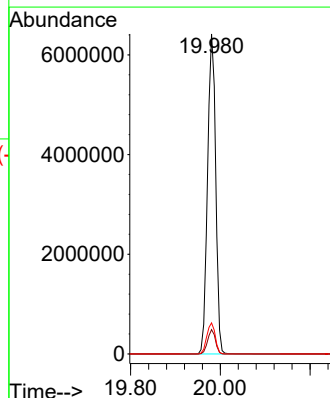
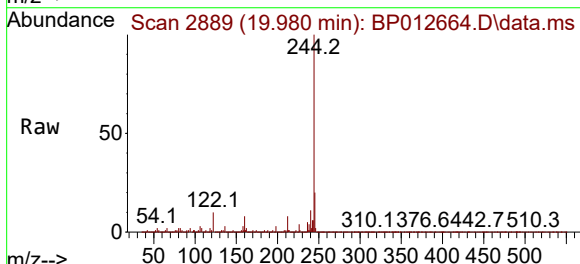
Instrument :
BNA_P
ClientSampleId :
PB149128BL

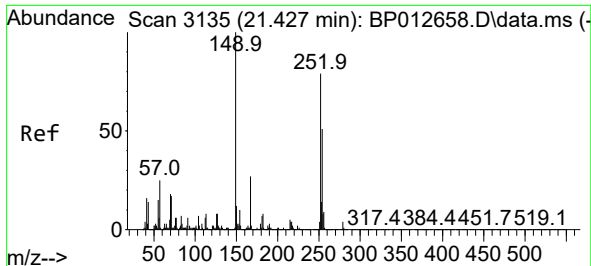
Tgt Ion:184 Resp: 467
Ion Ratio Lower Upper
184 100
185 7.3 12.2 18.2#
183 7.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 94.914 ng
RT: 19.980 min Scan# 2889
Delta R.T. 0.000 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:244 Resp: 8057301
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 9.7 7.5 11.3

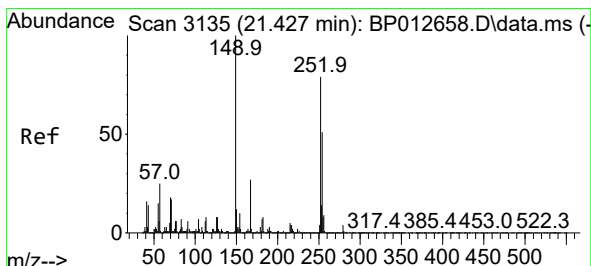
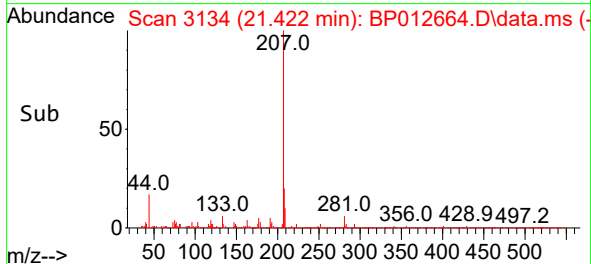
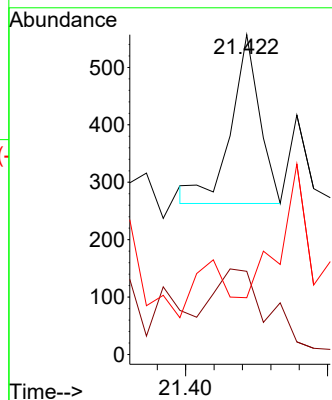
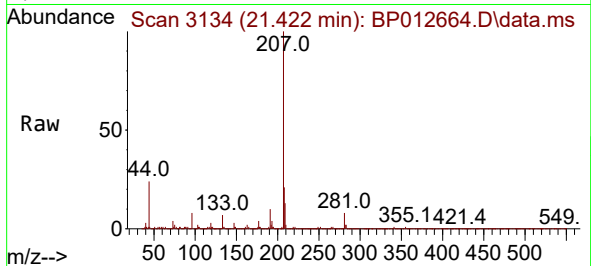




#82
3,3'-Dichlorobenzidine
Concen: 6.277 ng
RT: 21.422 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

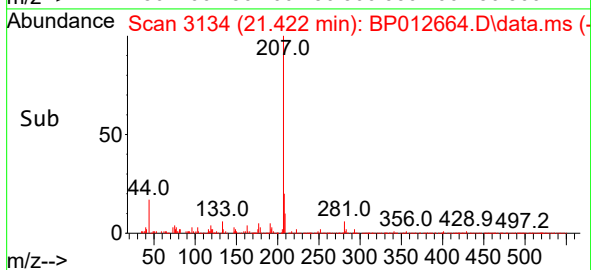
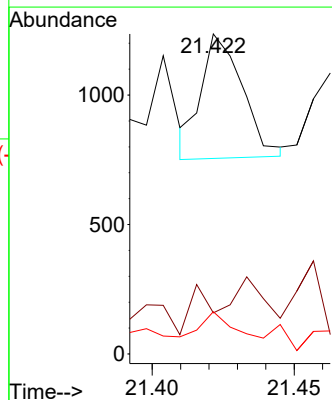
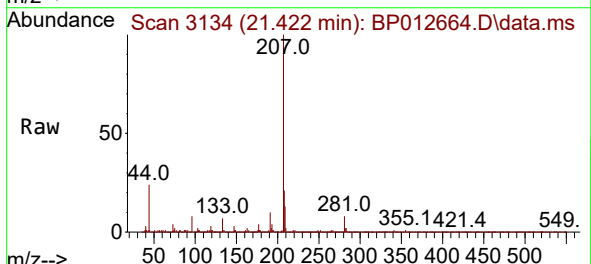
Instrument :
BNA_P
ClientSampleId :
PB149128BL

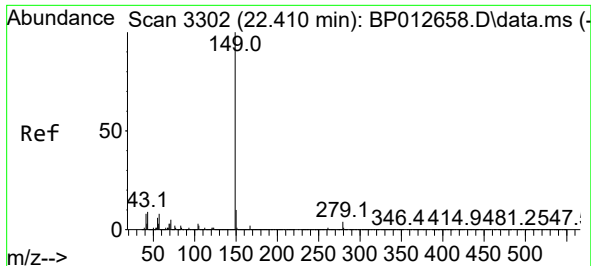
Tgt Ion:252 Resp: 204
Ion Ratio Lower Upper
252 100
254 27.5 51.9 77.9#
126 17.8 8.2 12.4#



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.082 ng
RT: 21.422 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:149 Resp: 484
Ion Ratio Lower Upper
149 100
167 12.9 21.7 32.5#
279 14.6 3.1 4.7#

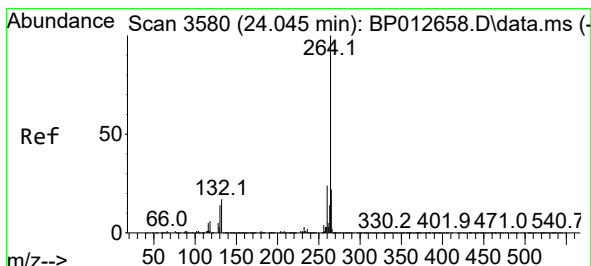
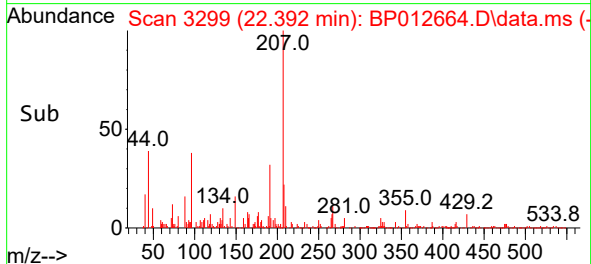
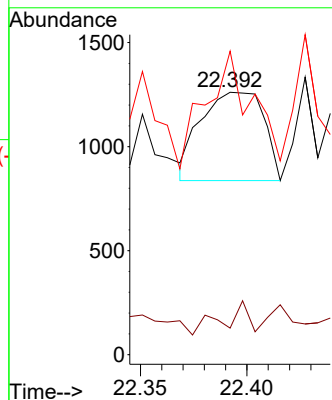
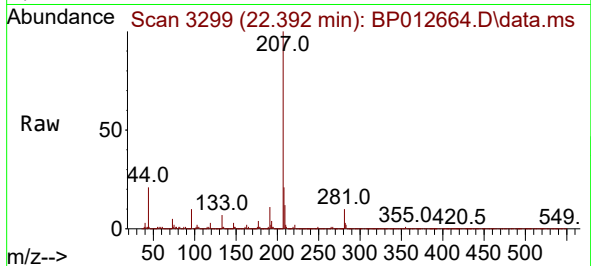




#85
Di-n-octyl phthalate
Concen: 9.315 ng
RT: 22.392 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Instrument :
BNA_P
ClientSampleId :
PB149128BL

Tgt Ion:149 Resp: 871
Ion Ratio Lower Upper
149 100
167 6.8 1.3 1.9#
43 99.1 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 3579
Delta R.T. -0.006 min
Lab File: BP012664.D
Acq: 17 Nov 2022 16:43

Tgt Ion:264 Resp: 1845440
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 21.7 17.3 25.9

