

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011676.D
 Acq On : 09 Sep 2022 22:34
 Operator : CG/JU
 Sample : N4549-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-62

Quant Time: Sep 10 00:58:48 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)

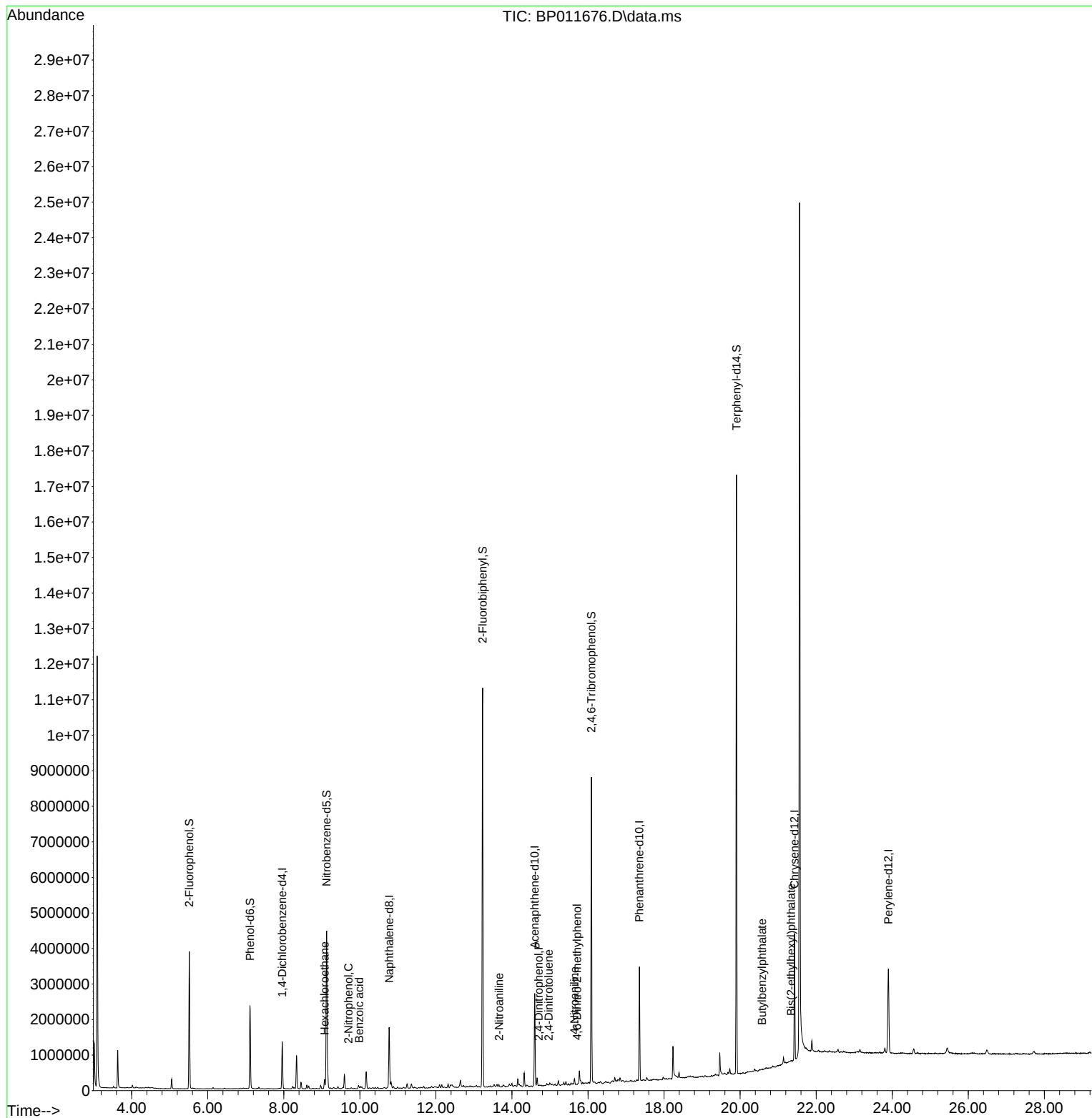
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	366247	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1487089	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	873981	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1772678	20.000	ng	0.00
76) Chrysene-d12	21.428	240	1689651	20.000	ng	-0.01
86) Perylene-d12	23.898	264	1745459	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	1777562	85.838	ng	0.00
7) Phenol-d6	7.111	99	1444620	52.721	ng	0.00
23) Nitrobenzene-d5	9.128	82	2626193	108.403	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	1524939	154.430	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	5942436	97.230	ng	0.00
79) Terphenyl-d14	19.904	244	7691163	95.340	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.075	117	46943	5.049	ng	# 1
26) 2-Nitrophenol	9.699	139	866	4.961	ng	94
32) Benzoic acid	9.981	122	4039	8.856	ng	# 30
48) 2-Nitroaniline	13.663	65	568	3.441	ng	# 48
54) 2,4-Dinitrophenol	14.704	184	207	6.489	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	617	3.676	ng	# 67
62) 4-Nitroaniline	15.645	138	1099	2.712	ng	# 82
65) 4,6-Dinitro-2-methylph...	15.710	198	70	7.897	ng	# 1
80) Butylbenzylphthalate	20.575	149	1443	3.741	ng	# 8
84) Bis(2-ethylhexyl)phtha...	21.339	149	9064	2.025	ng	# 90

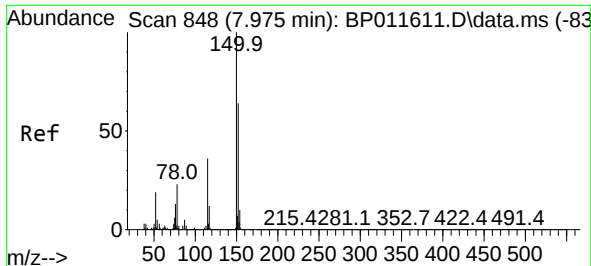
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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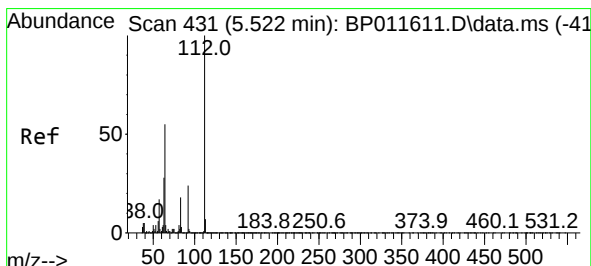
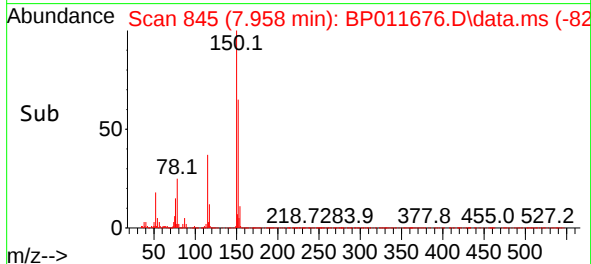
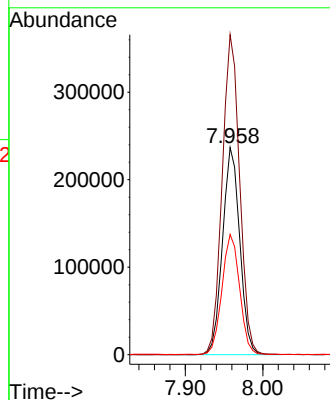
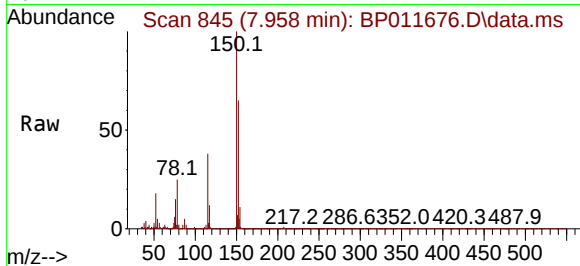




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

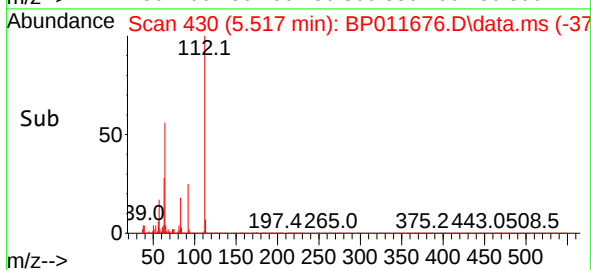
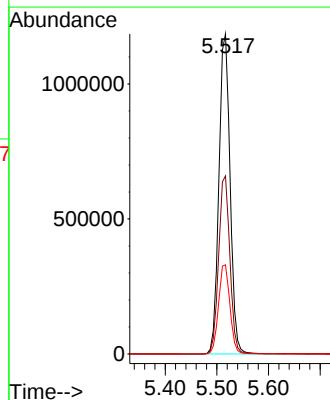
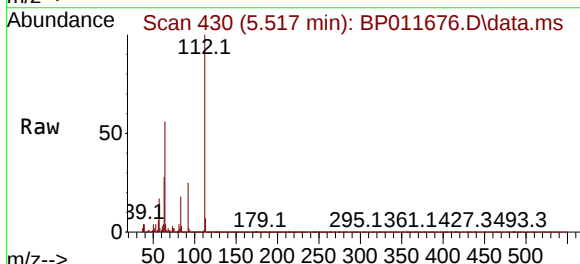
Instrument :
BNA_P
ClientSampleId :
MW-62

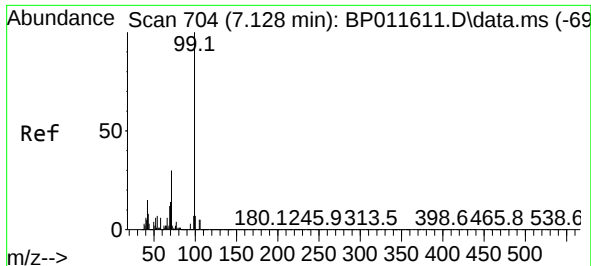
Tgt Ion:152 Resp: 366247
Ion Ratio Lower Upper
152 100
150 154.5 123.4 185.2
115 58.0 51.3 76.9



#5
2-Fluorophenol
Concen: 85.838 ng
RT: 5.517 min Scan# 430
Delta R.T. 0.000 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Tgt Ion:112 Resp: 1777562
Ion Ratio Lower Upper
112 100
64 55.7 56.9 85.3#
63 27.9 31.2 46.8#

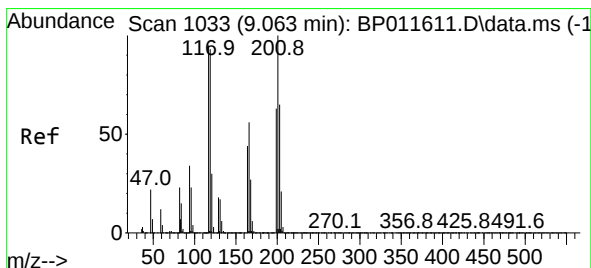
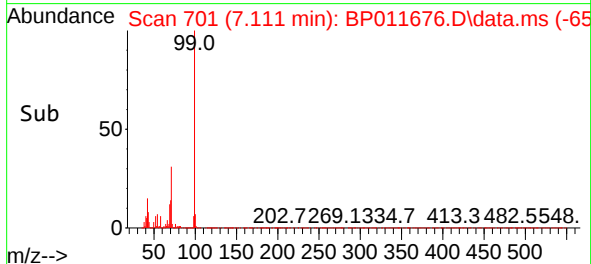
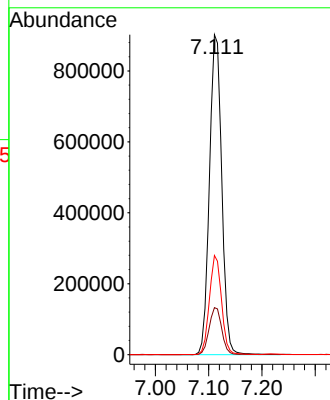
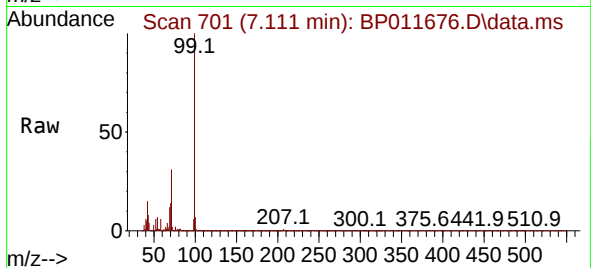




#7
Phenol-d6
Concen: 52.721 ng
RT: 7.111 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

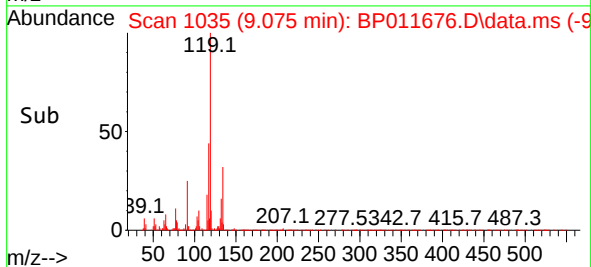
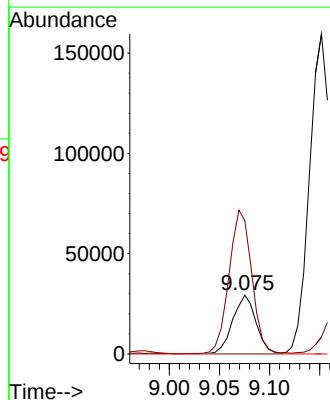
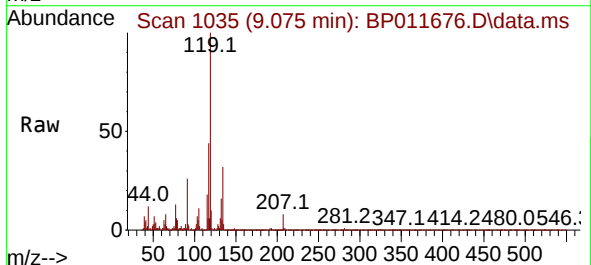
Instrument :
BNA_P
ClientSampleId :
MW-62

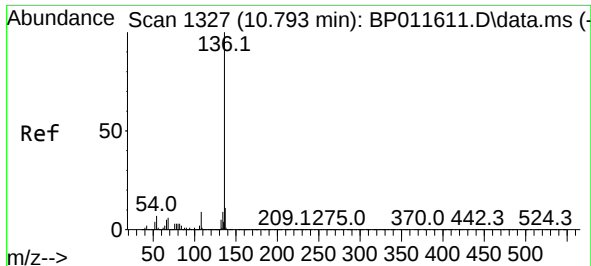
Tgt Ion: 99 Resp: 1444620
Ion Ratio Lower Upper
99 100
42 14.7 20.3 30.5#
71 31.0 33.9 50.9#



#18
Hexachloroethane
Concen: 5.049 ng
RT: 9.075 min Scan# 1035
Delta R.T. 0.024 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Tgt Ion: 117 Resp: 46943
Ion Ratio Lower Upper
117 100
119 226.6 75.6 113.4#
201 0.1 80.9 121.3#

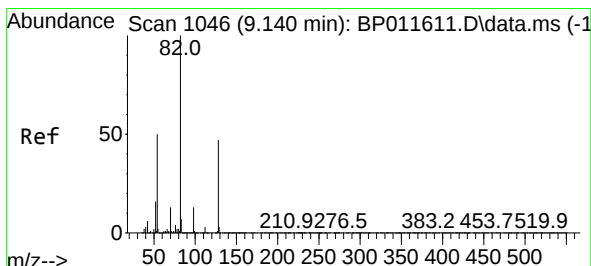
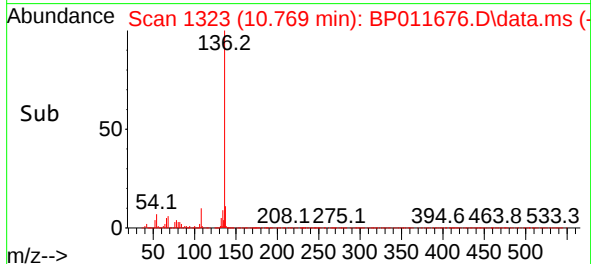
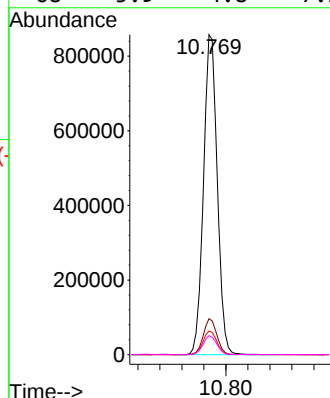
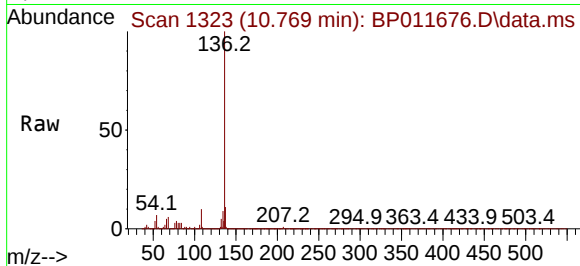




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

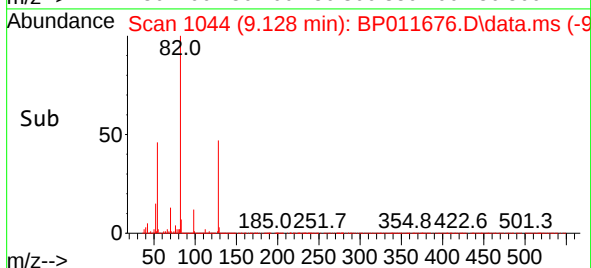
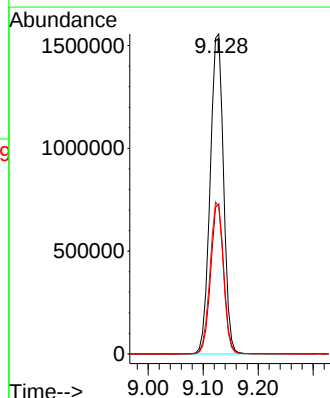
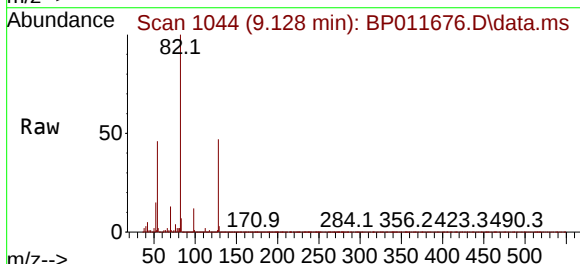
Instrument :
BNA_P
ClientSampleId :
MW-62

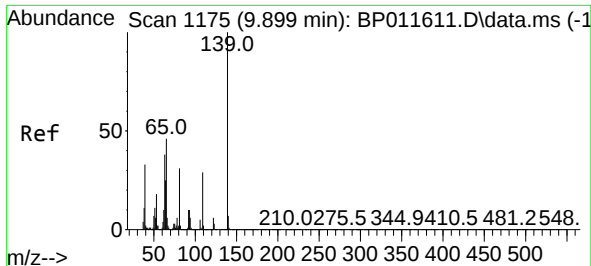
Tgt Ion:136 Resp: 1487089
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.4 8.7 13.1#
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 108.403 ng
RT: 9.128 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Tgt Ion: 82 Resp: 2626193
Ion Ratio Lower Upper
82 100
128 46.9 31.3 46.9
54 46.0 49.8 74.8#

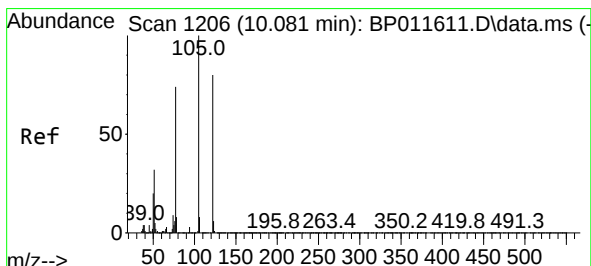
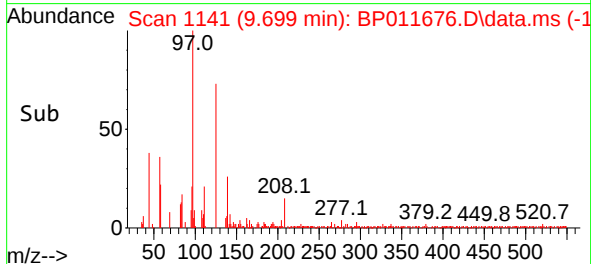
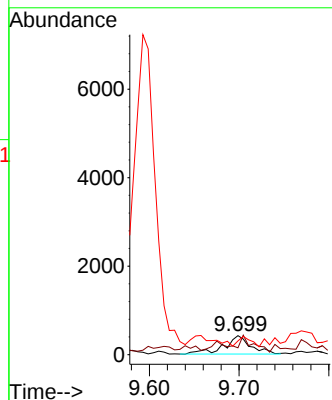
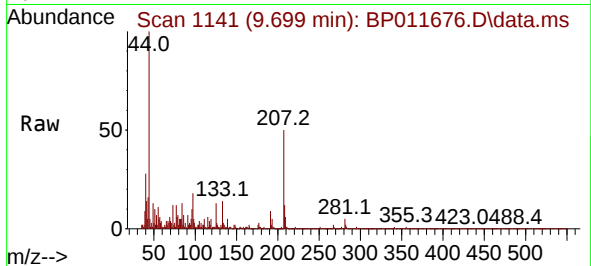




#26
2-Nitrophenol
Concen: 4.961 ng
RT: 9.699 min Scan# 1175
Delta R.T. -0.188 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

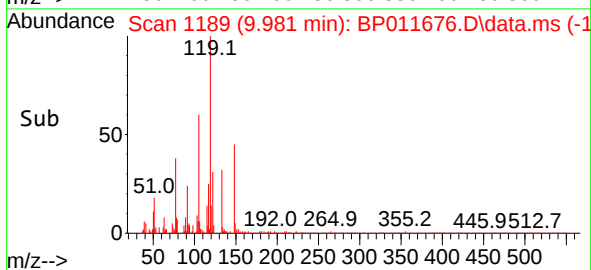
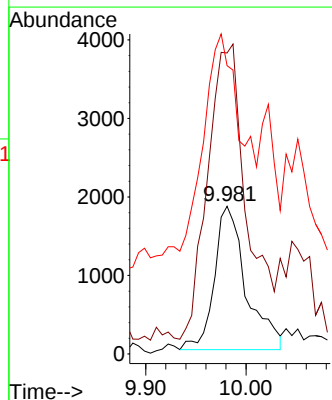
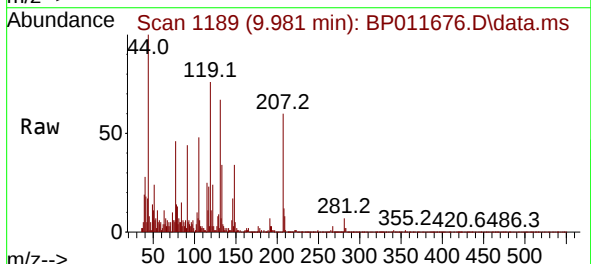
Instrument :
BNA_P
ClientSampleId :
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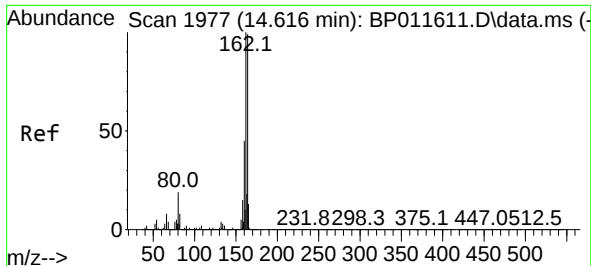
Tgt Ion:139 Resp: 866
Ion Ratio Lower Upper
139 100
109 36.5 30.2 45.4
65 72.3 52.2 78.2



#32
Benzoic acid
Concen: 8.856 ng
RT: 9.981 min Scan# 1189
Delta R.T. -0.082 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Tgt Ion:122 Resp: 4039
Ion Ratio Lower Upper
122 100
105 203.8 112.6 152.6#
77 195.3 90.2 130.2#

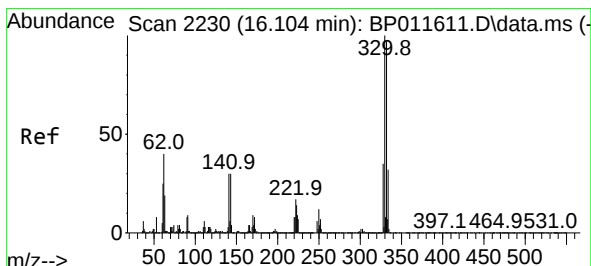
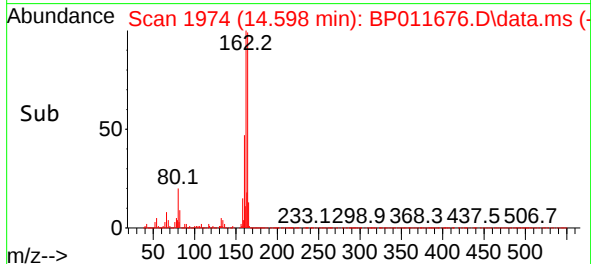
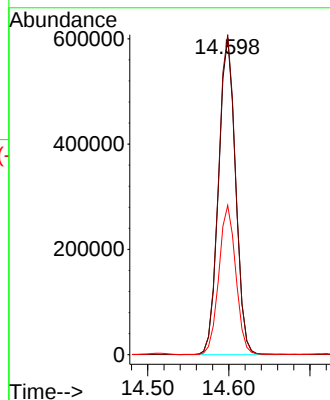
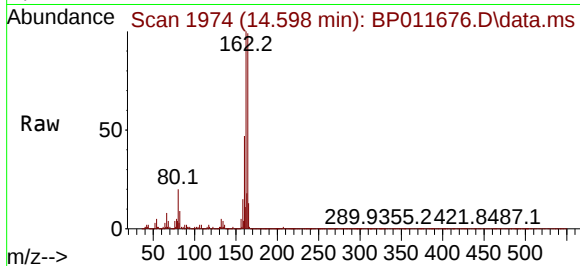




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

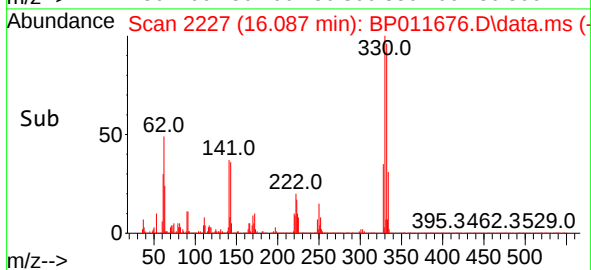
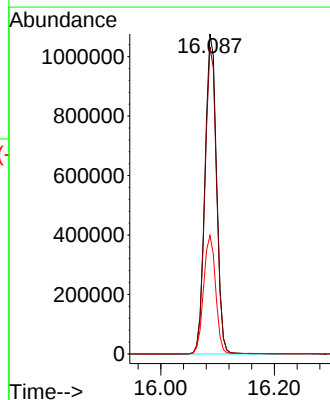
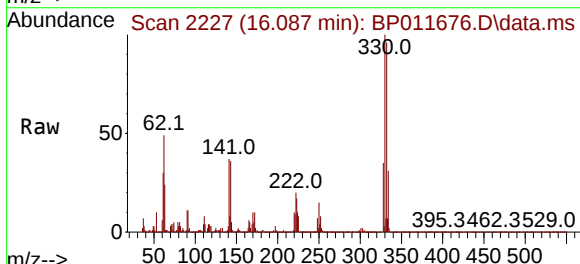
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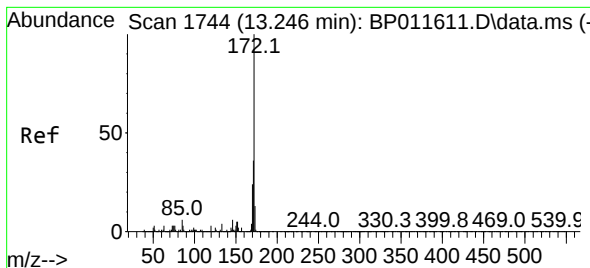
Tgt Ion:164 Resp: 873981
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 47.1 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 154.430 ng
RT: 16.087 min Scan# 2227
Delta R.T. -0.006 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Tgt Ion:330 Resp: 1524939
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 38.1 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 97.230 ng

RT: 13.228 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP011676.D

Acq: 09 Sep 2022 22:34

Instrument :

BNA_P

ClientSampleId :

MW-62

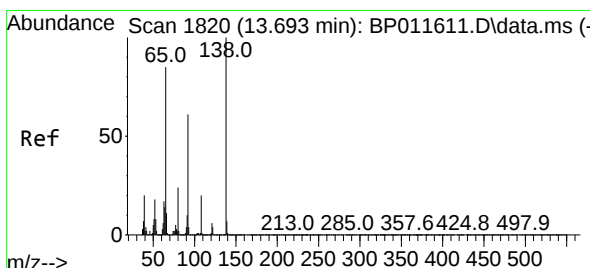
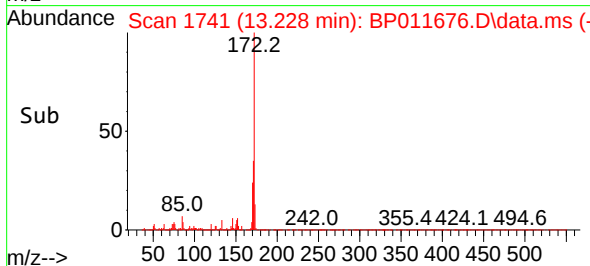
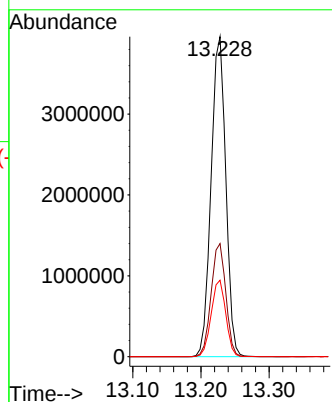
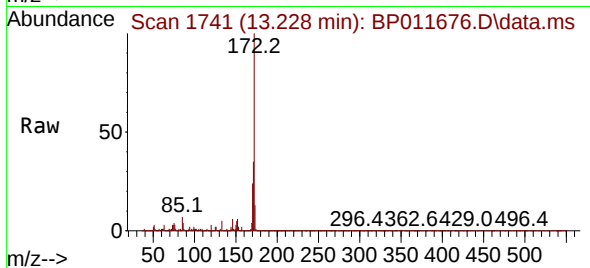
Tgt Ion:172 Resp: 5942436

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.9 18.2 27.2



#48

2-Nitroaniline

Concen: 3.441 ng

RT: 13.663 min Scan# 1815

Delta R.T. -0.018 min

Lab File: BP011676.D

Acq: 09 Sep 2022 22:34

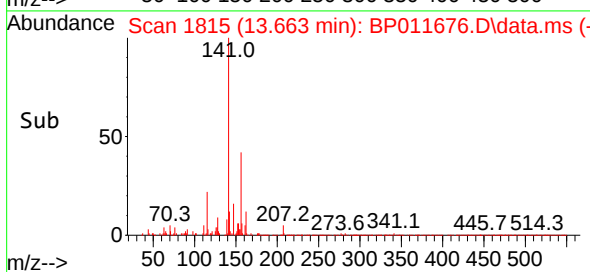
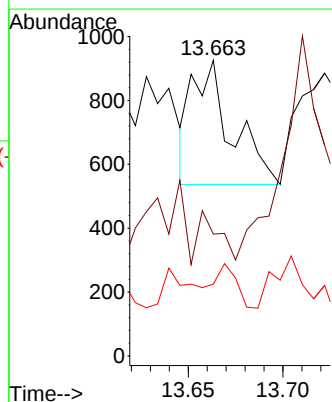
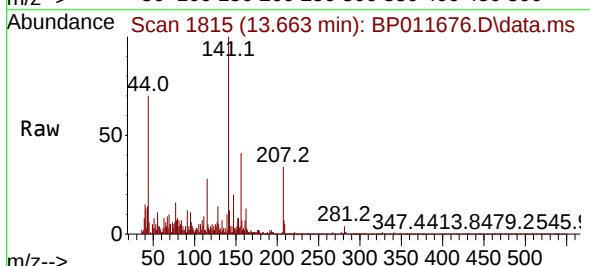
Tgt Ion: 65 Resp: 568

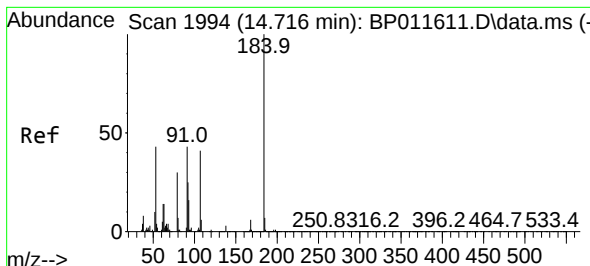
Ion Ratio Lower Upper

65 100

92 41.3 50.0 75.0#

138 24.3 71.2 106.8#





#54

2,4-Dinitrophenol

Concen: 6.489 ng

RT: 14.704 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BP011676.D

Acq: 09 Sep 2022 22:34

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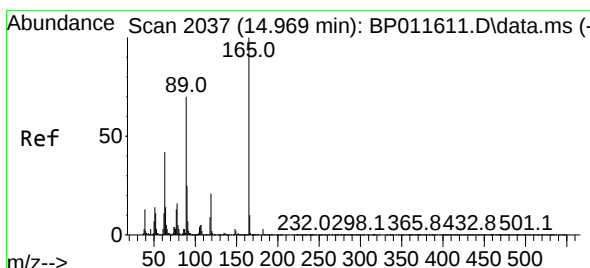
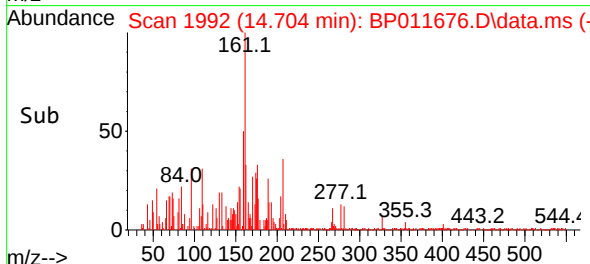
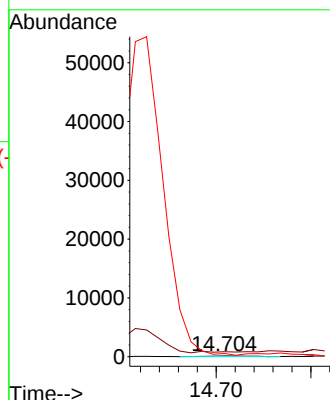
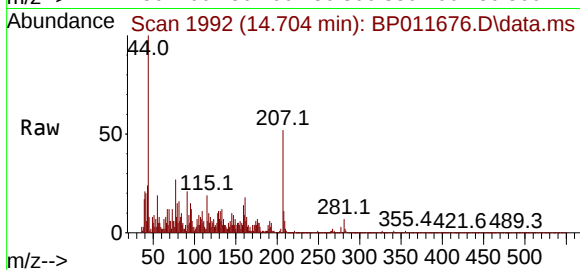
Tgt Ion:184 Resp: 207

Ion Ratio Lower Upper

184 100

63 669.8 65.4 98.2#

154 425.4 55.4 83.2#



#57

2,4-Dinitrotoluene

Concen: 3.676 ng

RT: 14.963 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BP011676.D

Acq: 09 Sep 2022 22:34

Tgt Ion:165 Resp: 617

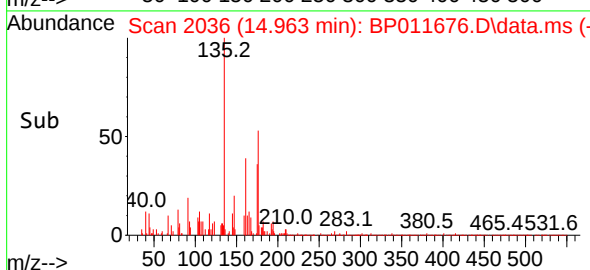
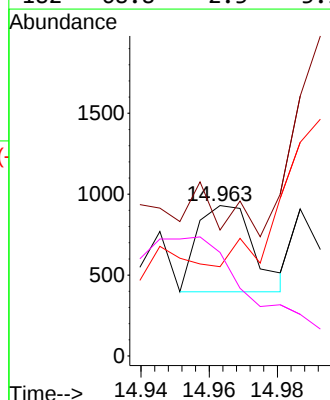
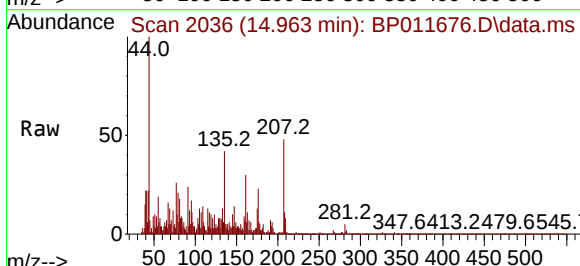
Ion Ratio Lower Upper

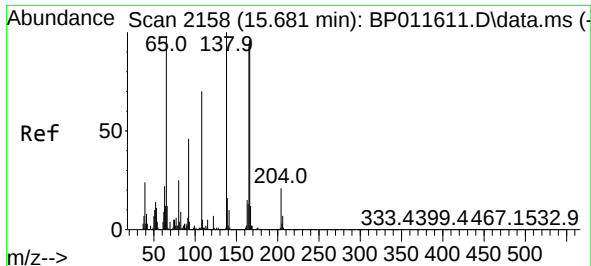
165 100

63 83.8 46.2 69.2#

89 59.4 65.8 98.8#

182 68.8 2.3 3.5#

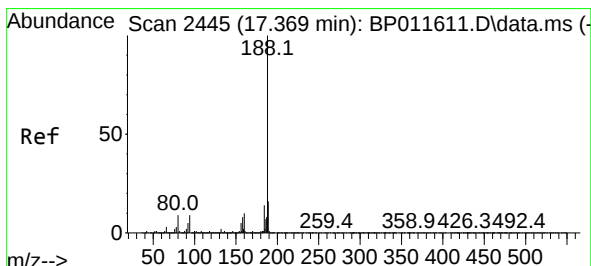
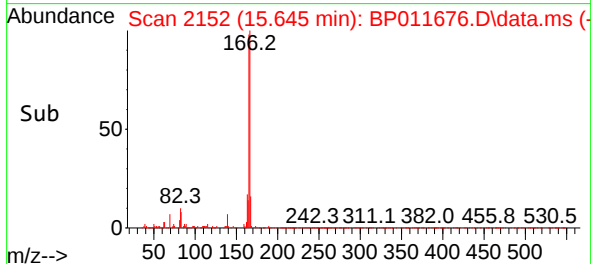
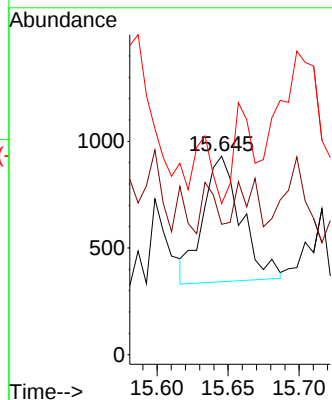
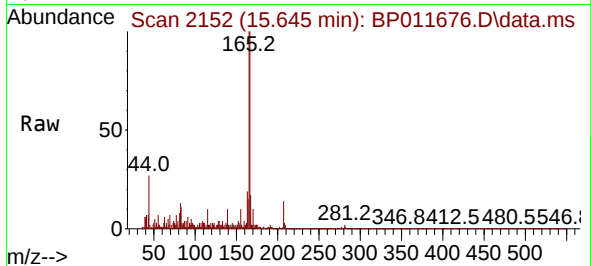




#62
4-Nitroaniline
Concen: 2.712 ng
RT: 15.645 min Scan# 2158
Delta R.T. -0.024 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

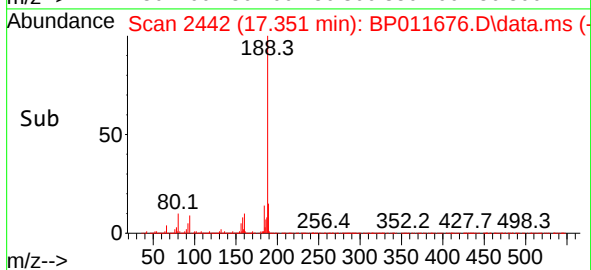
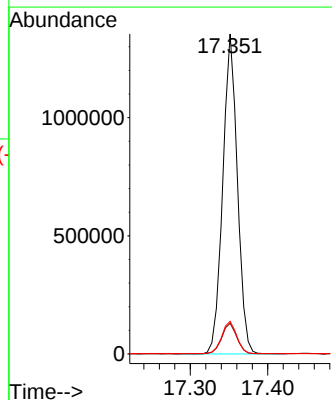
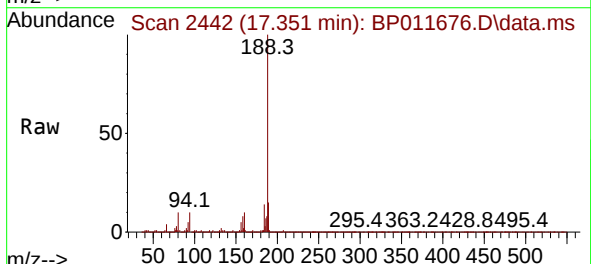
Instrument :
BNA_P
ClientSampleId :
MW-62

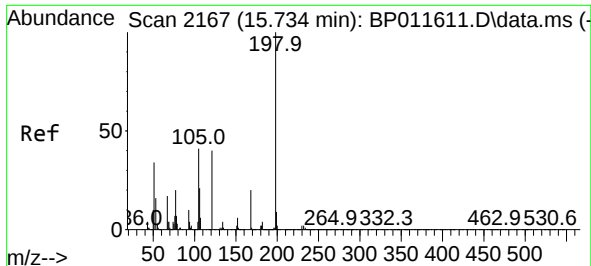
Tgt Ion:138 Resp: 1099
Ion Ratio Lower Upper
138 100
92 65.6 38.0 78.0
108 76.0 77.6 117.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Tgt Ion:188 Resp: 1772678
Ion Ratio Lower Upper
188 100
94 9.6 6.6 10.0
80 10.2 8.0 12.0

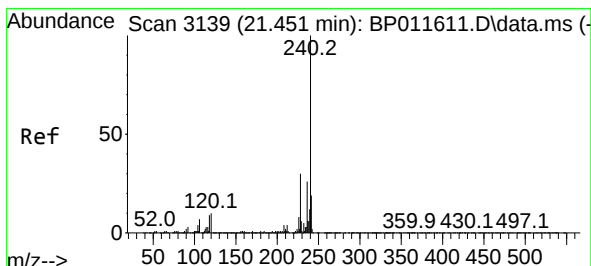
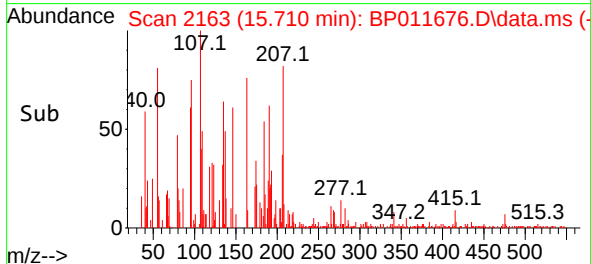
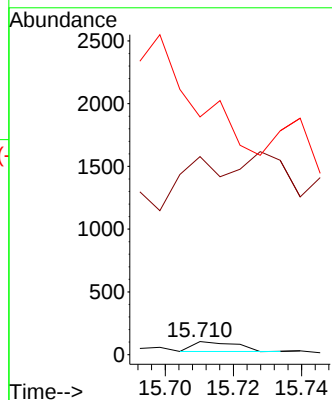
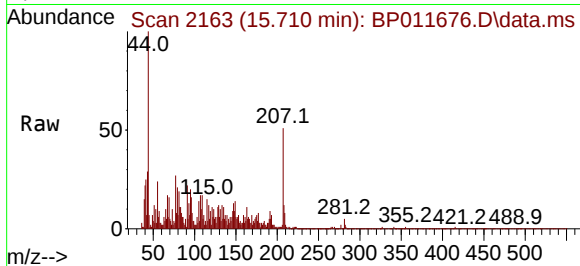




#65
4,6-Dinitro-2-methylphenol
Concen: 7.897 ng
RT: 15.710 min Scan# 2163
Delta R.T. -0.012 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

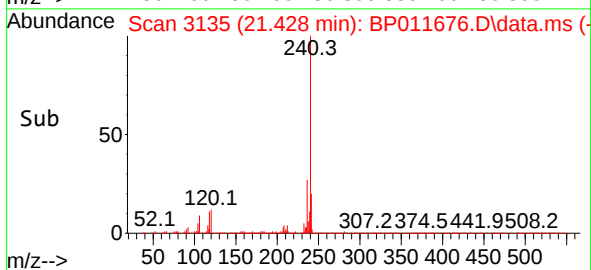
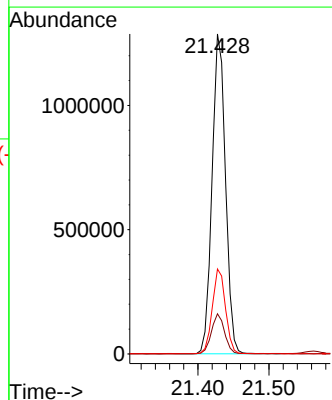
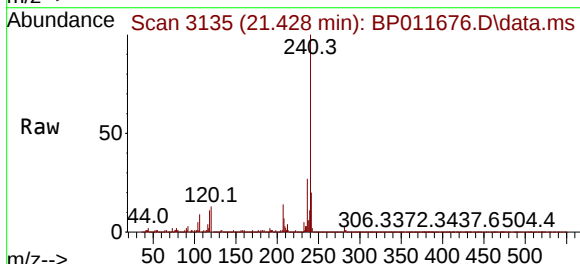
Instrument :
BNA_P
ClientSampleId :
MW-62

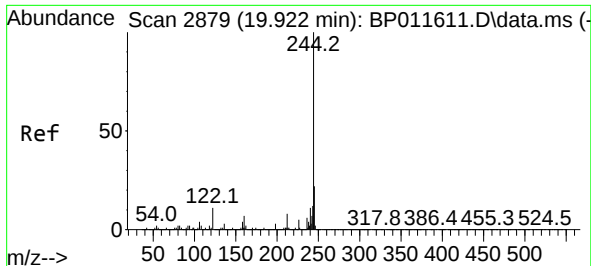
Tgt Ion:198 Resp: 70
Ion Ratio Lower Upper
198 100
51 1517.3 41.2 81.2#
105 1821.2 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3135
Delta R.T. -0.012 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Tgt Ion:240 Resp: 1689651
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.5 19.8 29.6

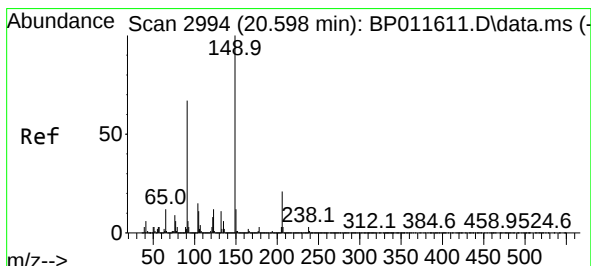
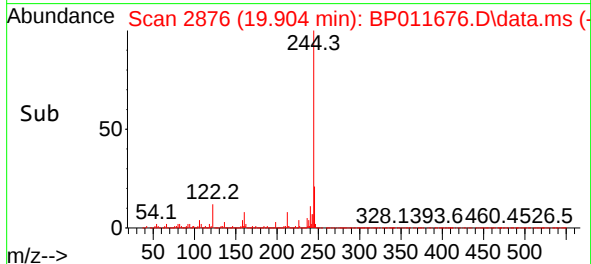
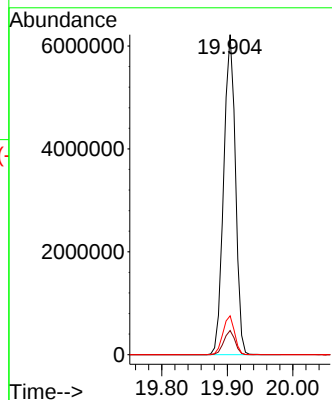
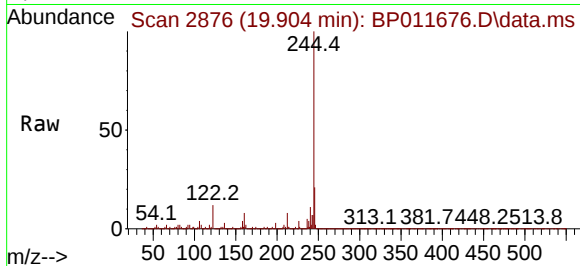




#79
 Terphenyl-d14
 Concen: 95.340 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011676.D
 Acq: 09 Sep 2022 22:34

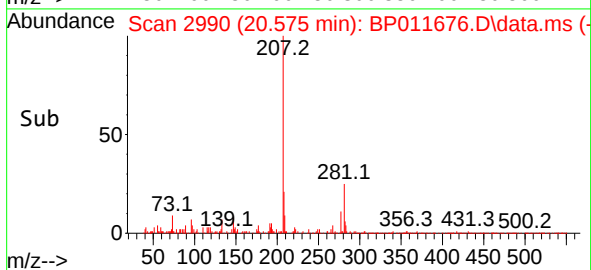
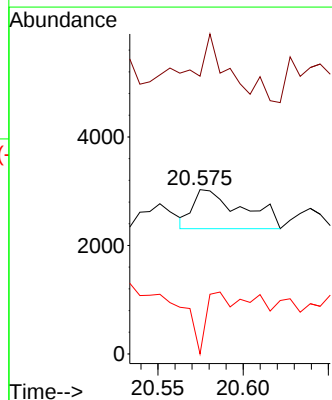
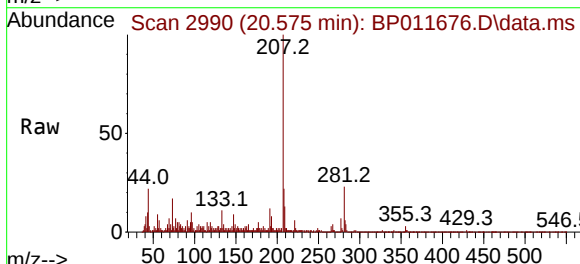
Instrument :
 BNA_P
 ClientSampleId :
 MW-62

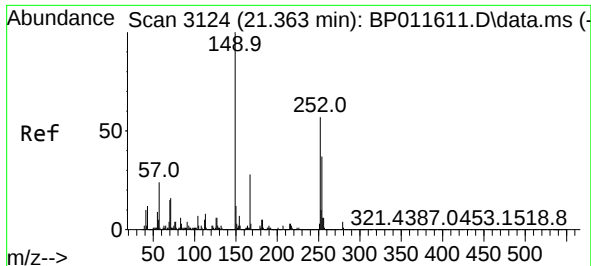
Tgt Ion:244 Resp: 7691163
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 12.1 7.6 11.4#



#80
 Butylbenzylphthalate
 Concen: 3.741 ng
 RT: 20.575 min Scan# 2990
 Delta R.T. -0.012 min
 Lab File: BP011676.D
 Acq: 09 Sep 2022 22:34

Tgt Ion:149 Resp: 1443
 Ion Ratio Lower Upper
 149 100
 91 169.0 62.5 93.7#
 206 0.0 17.0 25.4#

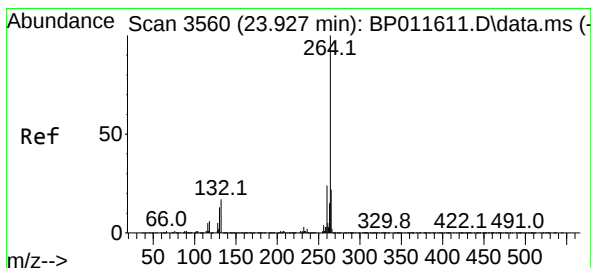
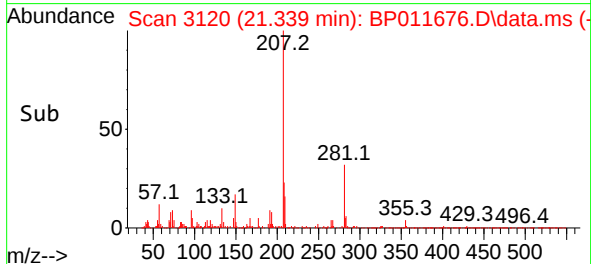
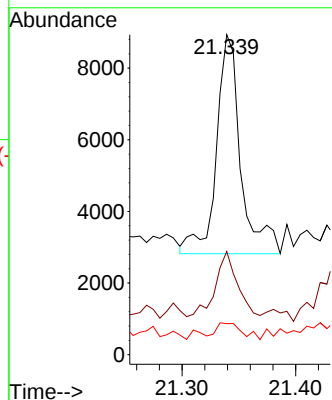
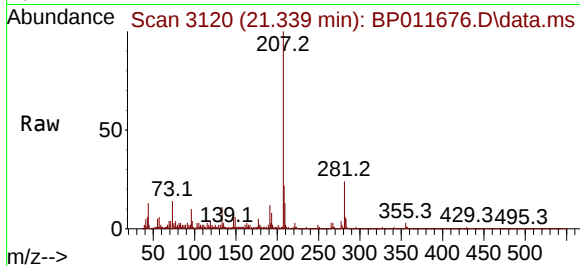




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.025 ng
RT: 21.339 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Instrument :
BNA_P
ClientSampleId :
MW-62

Tgt Ion:149 Resp: 9064
Ion Ratio Lower Upper
149 100
167 32.2 21.8 32.8
279 9.7 3.7 5.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.898 min Scan# 3555
Delta R.T. -0.012 min
Lab File: BP011676.D
Acq: 09 Sep 2022 22:34

Tgt Ion:264 Resp: 1745459
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 22.2 18.0 27.0

