

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011675.D
 Acq On : 09 Sep 2022 21:59
 Operator : CG/JU
 Sample : N4549-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-58

Quant Time: Sep 10 00:58:18 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)

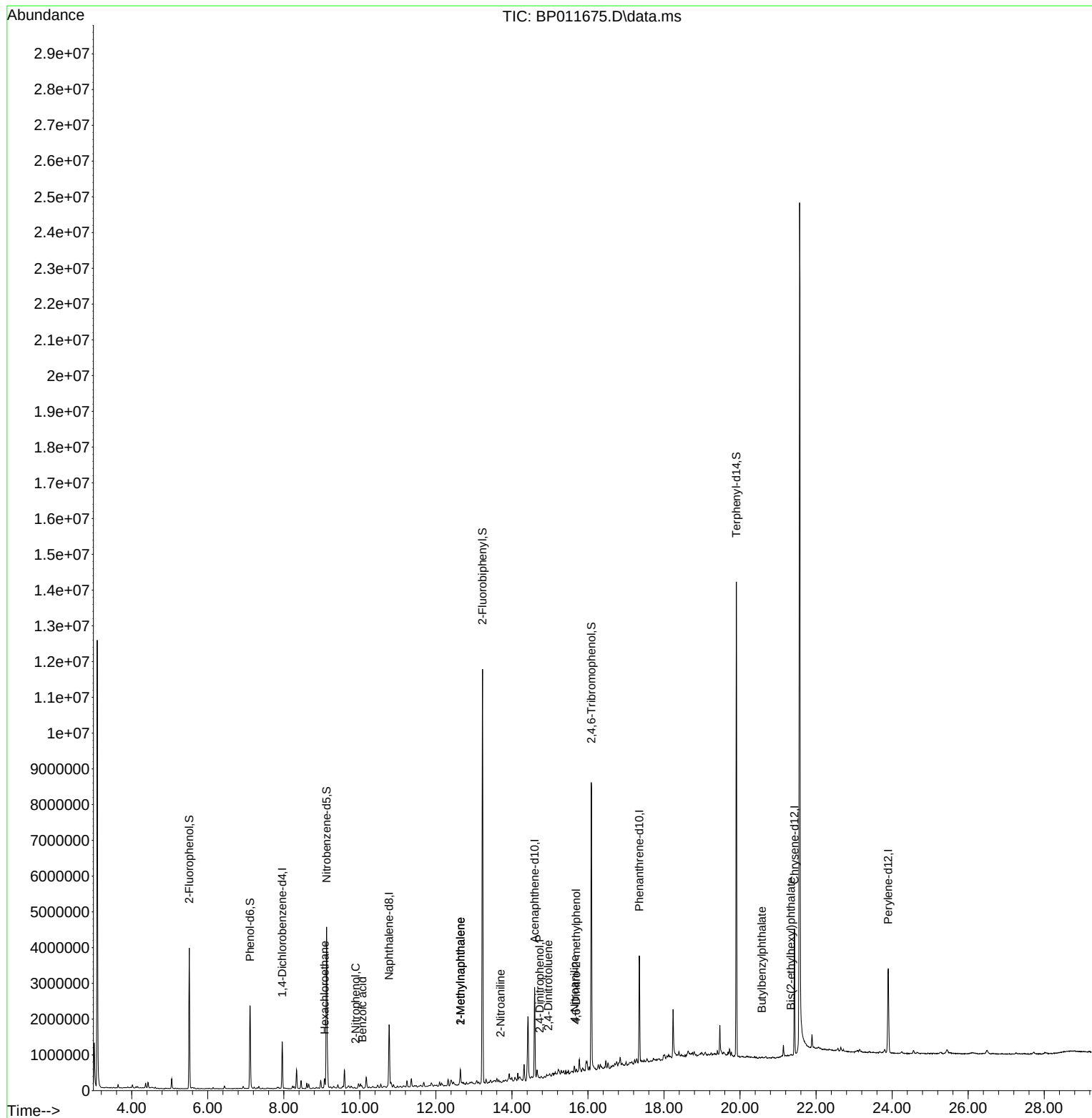
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	373911	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1524276	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	887078	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1756406	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	1664481	20.000	ng	0.00
86) Perylene-d12	23.898	264	1732497	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1764227	83.448	ng	0.00
7) Phenol-d6	7.116	99	1433777	51.252	ng	0.00
23) Nitrobenzene-d5	9.128	82	2647200	106.605	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1471392	146.807	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6010928	96.898	ng	0.00
79) Terphenyl-d14	19.904	244	6174849	77.701	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.075	117	38456	4.051	ng	# 1
26) 2-Nitrophenol	9.893	139	75	4.896	ng	# 1
32) Benzoic acid	10.063	122	174	8.609	ng	# 1
37) 2-Methylnaphthalene	12.645	142	177700	3.202	ng	97
38) 1-Methylnaphthalene	12.645	142	177938	3.292	ng	99
48) 2-Nitroaniline	13.698	65	1710	3.518	ng	# 54
54) 2,4-Dinitrophenol	14.728	184	381	6.520	ng	# 1
57) 2,4-Dinitrotoluene	14.957	165	1483	3.720	ng	# 68
62) 4-Nitroaniline	15.651	138	774	2.692	ng	# 54
65) 4,6-Dinitro-2-methylph...	15.692	198	131	7.904	ng	# 1
80) Butylbenzylphthalate	20.574	149	2081	3.755	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.339	149	11047	2.057	ng	# 79

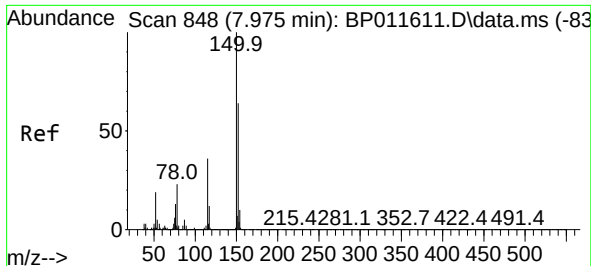
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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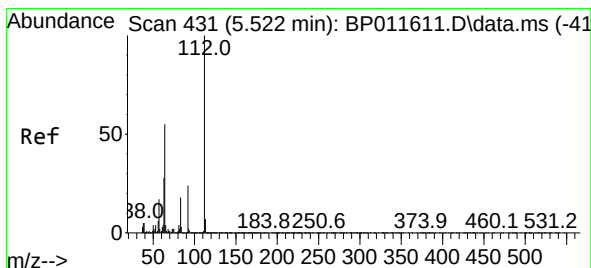
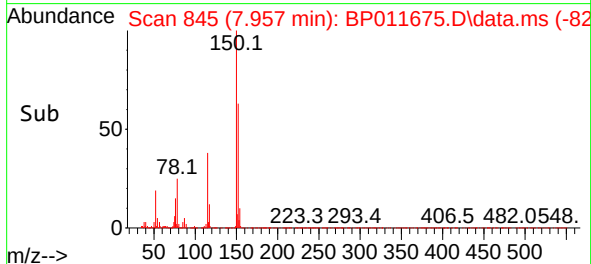
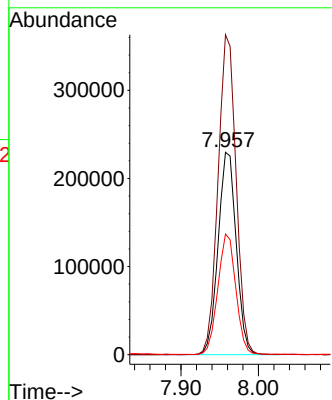
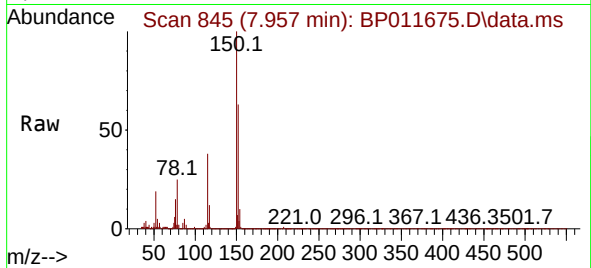




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 84
Delta R.T. -0.007 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

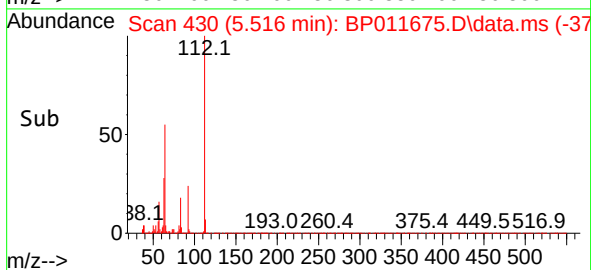
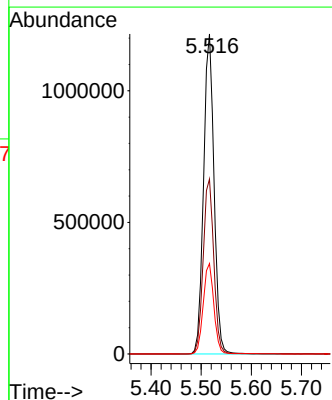
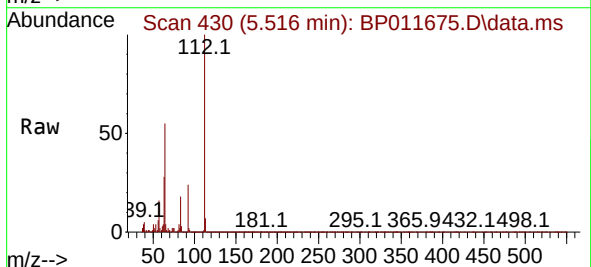
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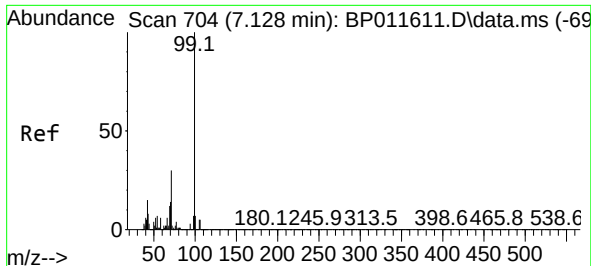
Tgt Ion:152 Resp: 373911
Ion Ratio Lower Upper
152 100
150 158.1 123.4 185.2
115 59.6 51.3 76.9



#5
2-Fluorophenol
Concen: 83.448 ng
RT: 5.516 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:112 Resp: 1764227
Ion Ratio Lower Upper
112 100
64 54.7 56.9 85.3#
63 28.3 31.2 46.8#





#7

Phenol-d6

Concen: 51.252 ng

RT: 7.116 min Scan# 704

Delta R.T. -0.000 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

Instrument :

BNA_P

ClientSampleId :

MW-58

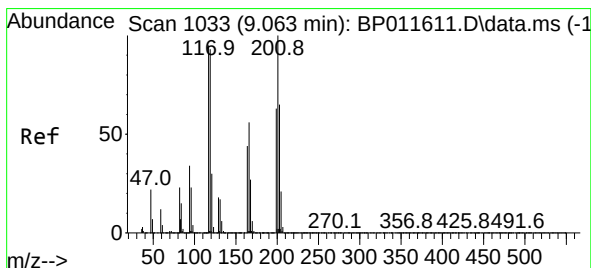
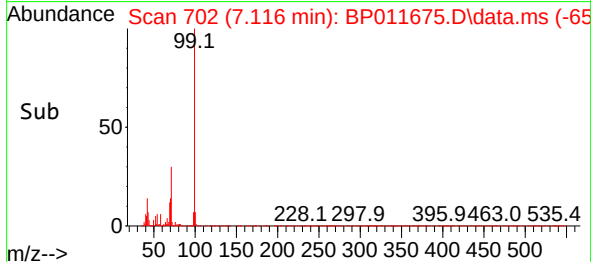
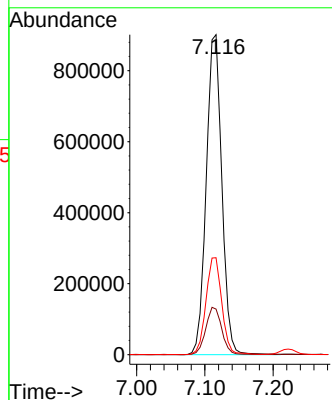
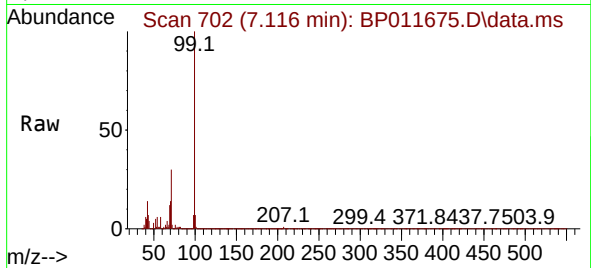
Tgt Ion: 99 Resp: 1433777

Ion Ratio Lower Upper

99 100

42 14.3 20.3 30.5#

71 30.3 33.9 50.9#



#18

Hexachloroethane

Concen: 4.051 ng

RT: 9.075 min Scan# 1035

Delta R.T. 0.023 min

Lab File: BP011675.D

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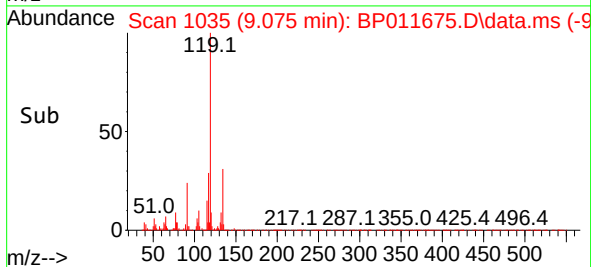
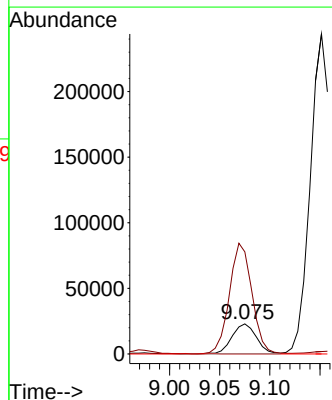
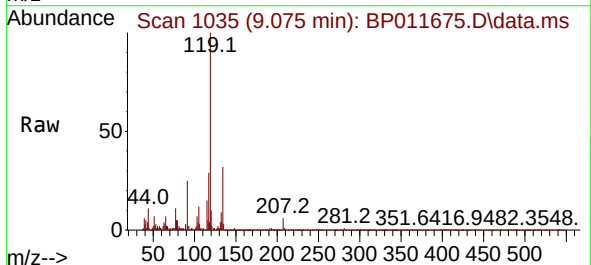
Tgt Ion:117 Resp: 38456

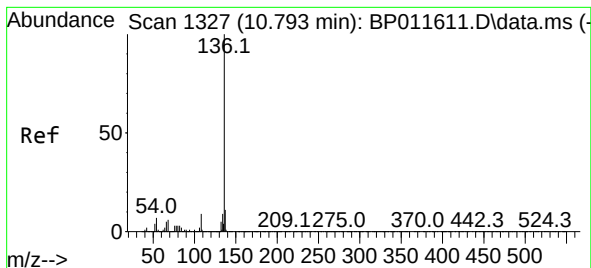
Ion Ratio Lower Upper

117 100

119 339.3 75.6 113.4#

201 0.1 80.9 121.3#

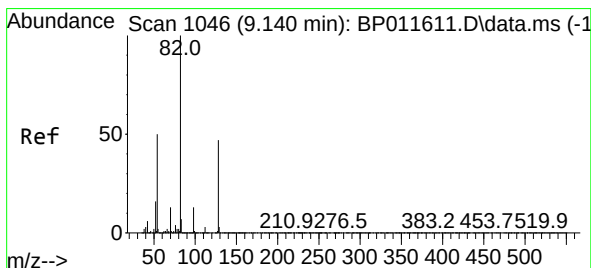
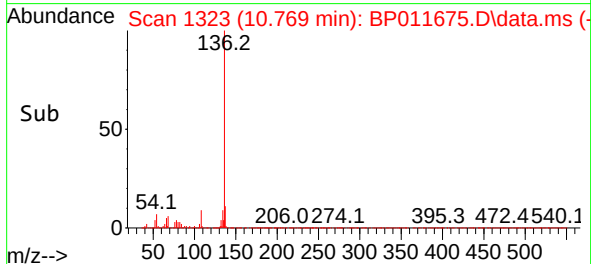
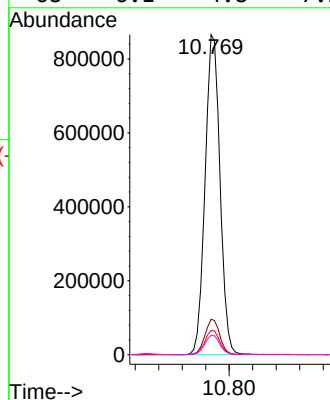
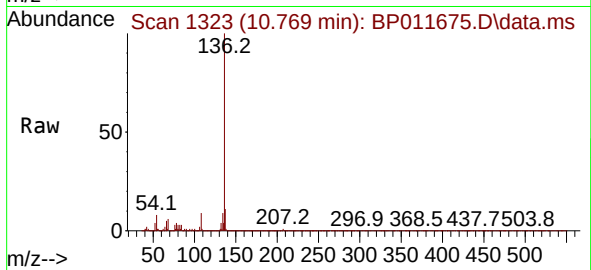




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

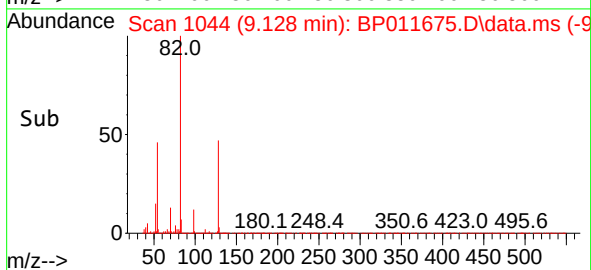
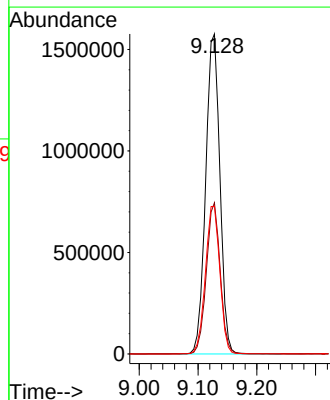
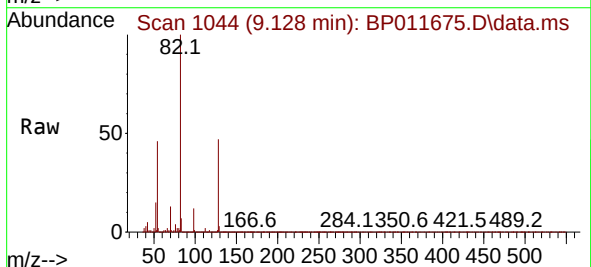
Instrument :
BNA_P
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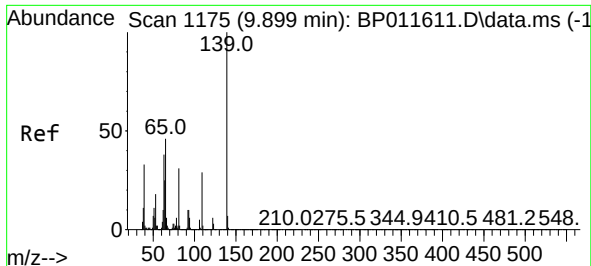
Tgt Ion:136 Resp: 1524276
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.6 8.7 13.1#
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 106.605 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion: 82 Resp: 2647200
Ion Ratio Lower Upper
82 100
128 47.2 31.3 46.9#
54 46.2 49.8 74.8#

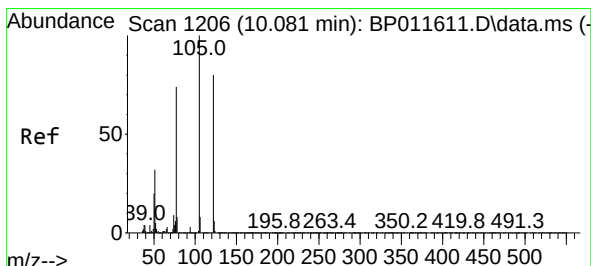
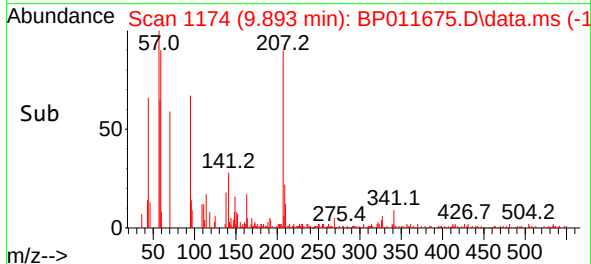
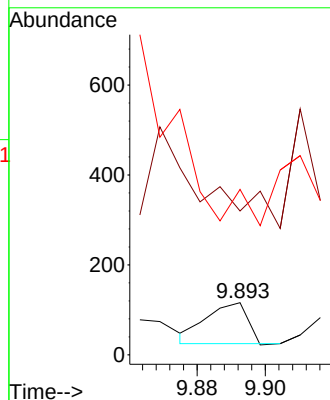
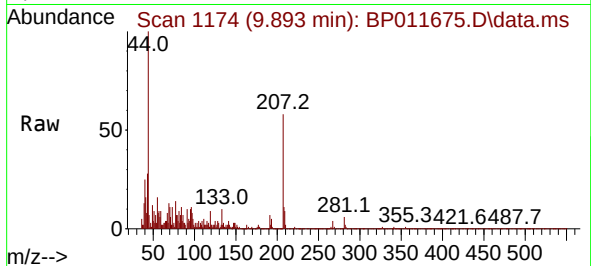




#26
2-Nitrophenol
Concen: 4.896 ng
RT: 9.893 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

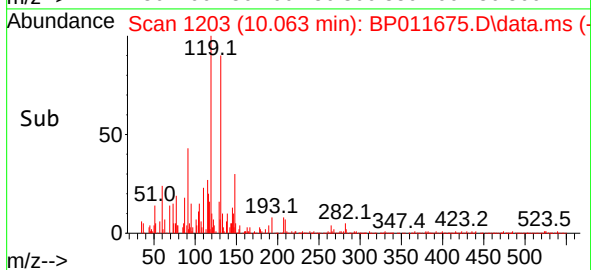
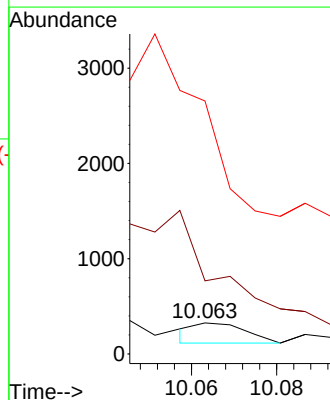
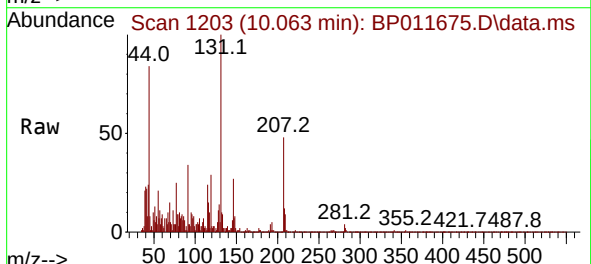
Instrument :
BNA_P
ClientSampleId :
MW-58

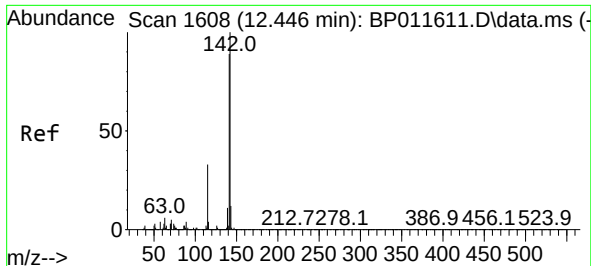
Tgt Ion:	139	Resp:	75
Ion	Ratio	Lower	Upper
139	100		
109	275.9	30.2	45.4#
65	317.2	52.2	78.2#



#32
Benzoic acid
Concen: 8.609 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:	122	Resp:	174
Ion	Ratio	Lower	Upper
122	100		
105	235.6	112.6	152.6#
77	814.4	90.2	130.2#

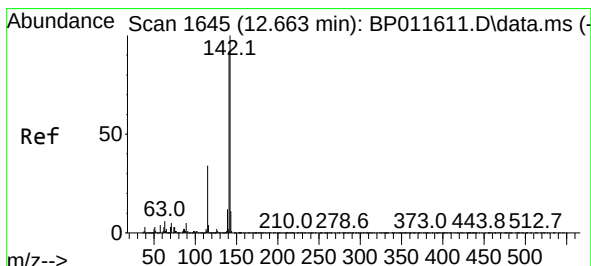
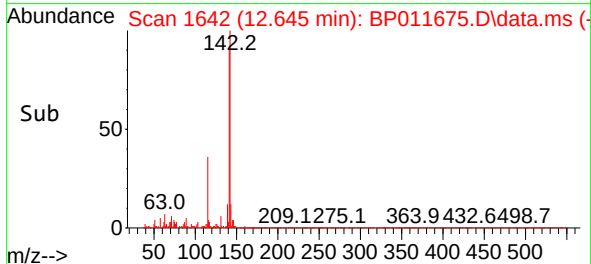
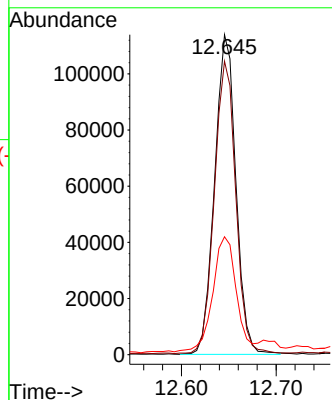
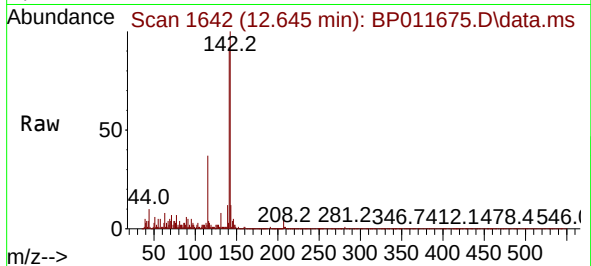




#37
2-Methylnaphthalene
Concen: 3.202 ng
RT: 12.645 min Scan# 1642
Delta R.T. 0.211 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

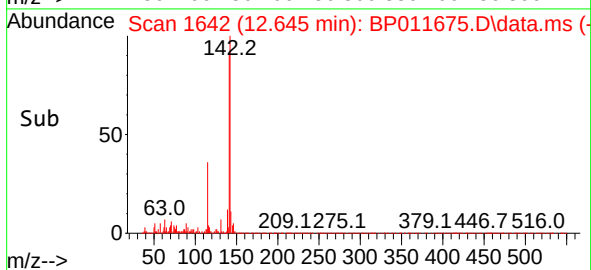
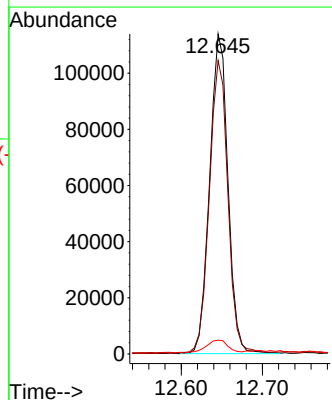
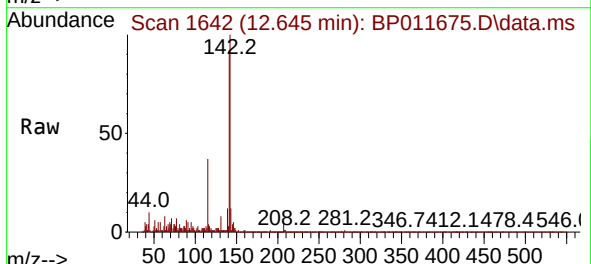
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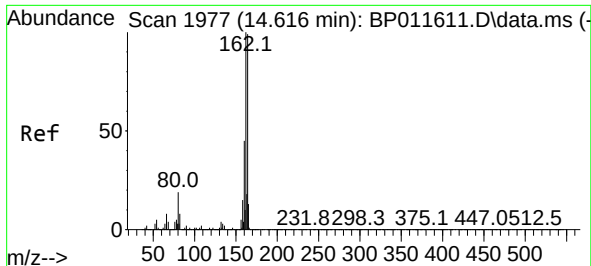
Tgt Ion:142 Resp: 177700
Ion Ratio Lower Upper
142 100
141 91.7 71.3 106.9
115 36.9 31.4 47.2



#38
1-Methylnaphthalene
Concen: 3.292 ng
RT: 12.645 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:142 Resp: 177938
Ion Ratio Lower Upper
142 100
141 91.7 72.6 108.8
116 4.3 3.3 4.9

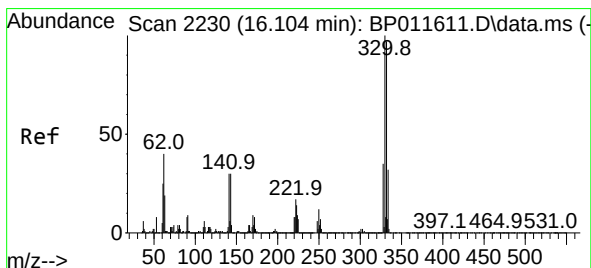
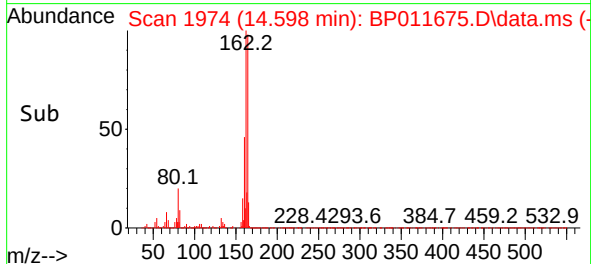
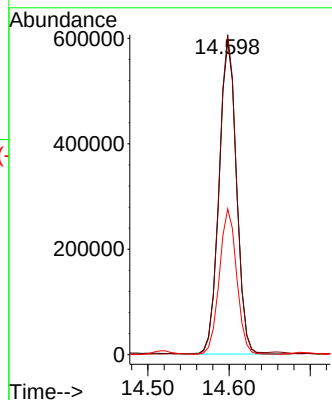
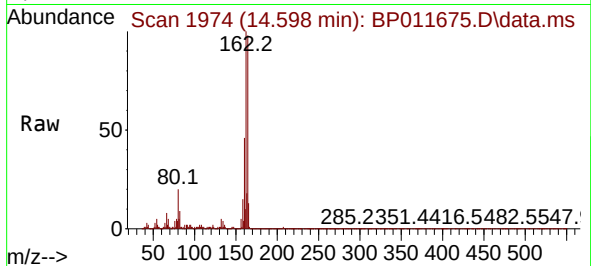




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

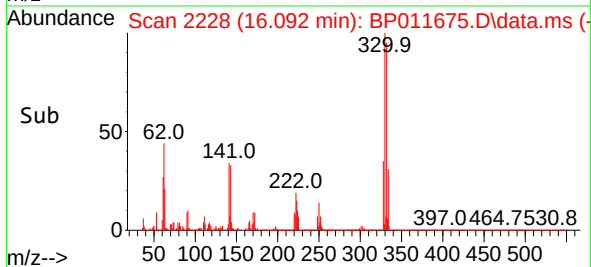
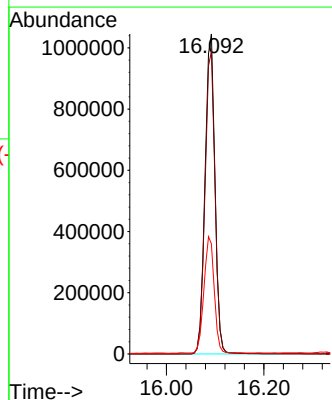
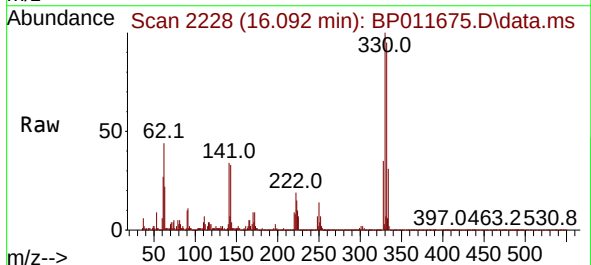
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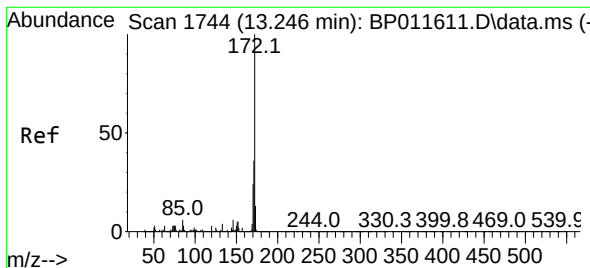
Tgt Ion:164 Resp: 887078
Ion Ratio Lower Upper
164 100
162 102.2 81.9 122.9
160 46.6 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 146.807 ng
RT: 16.092 min Scan# 2228
Delta R.T. -0.000 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:330 Resp: 1471392
Ion Ratio Lower Upper
330 100
332 95.6 78.1 117.1
141 37.7 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 96.898 ng

RT: 13.228 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

Instrument :

BNA_P

ClientSampleId :

MW-58

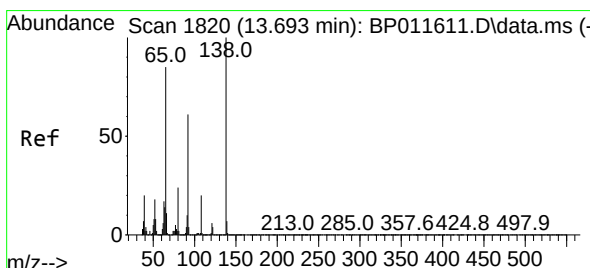
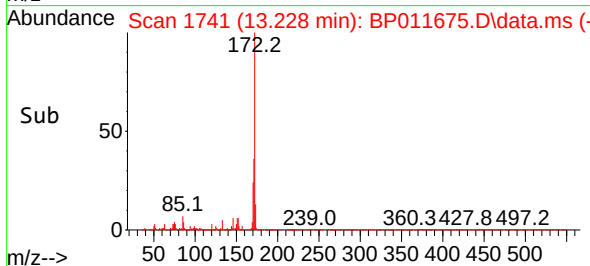
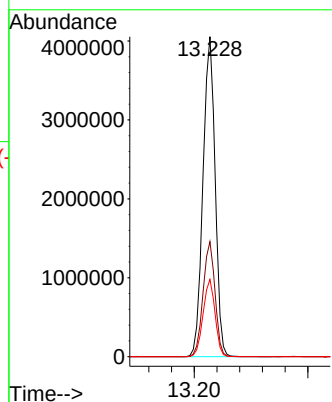
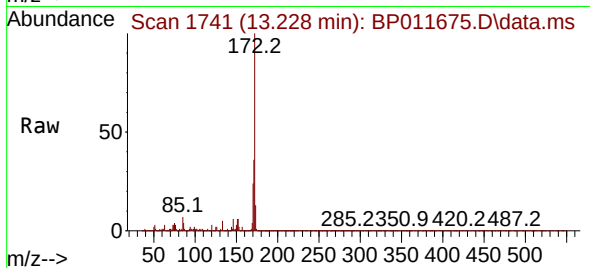
Tgt Ion:172 Resp: 6010928

Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 24.1 18.2 27.2



#48

2-Nitroaniline

Concen: 3.518 ng

RT: 13.698 min Scan# 1821

Delta R.T. 0.017 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

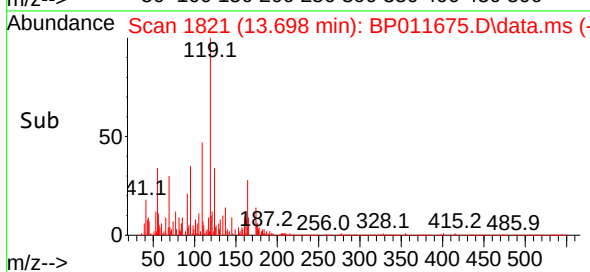
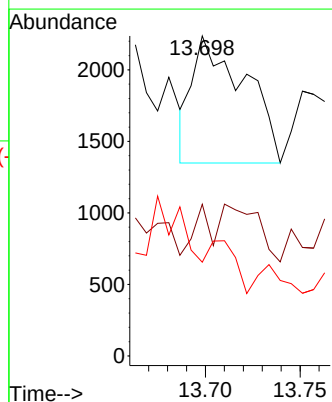
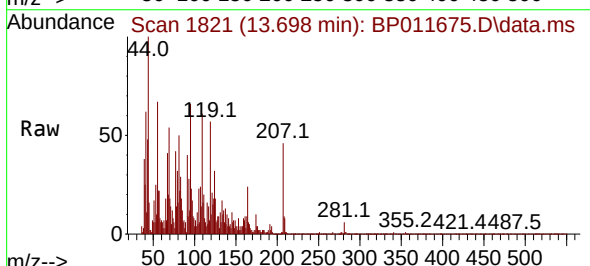
Tgt Ion: 65 Resp: 1710

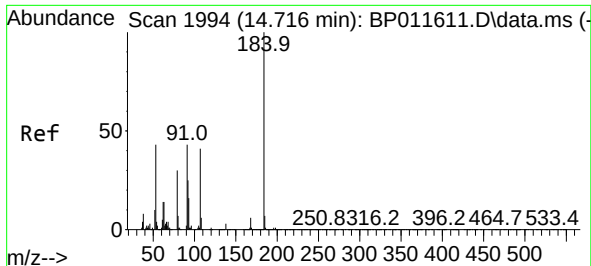
Ion Ratio Lower Upper

65 100

92 47.4 50.0 75.0#

138 29.3 71.2 106.8#

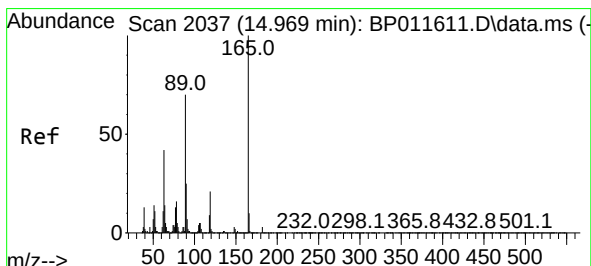
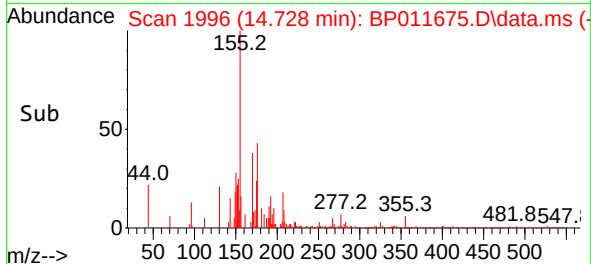
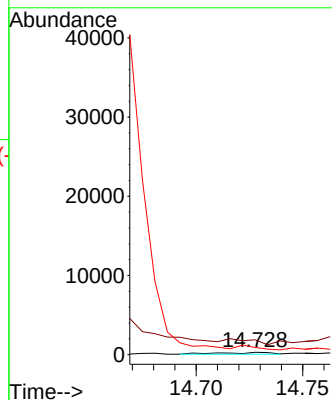
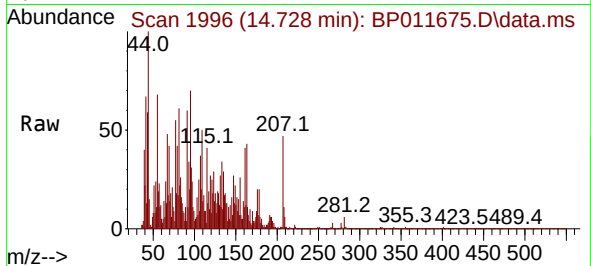




#54
2,4-Dinitrophenol
Concen: 6.520 ng
RT: 14.728 min Scan# 1994
Delta R.T. 0.023 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

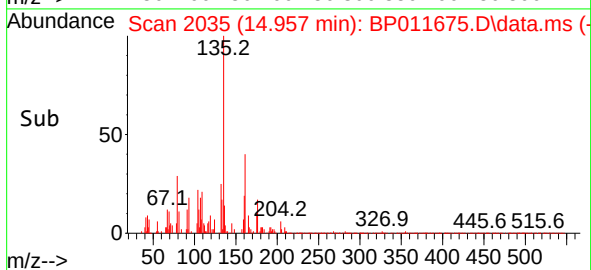
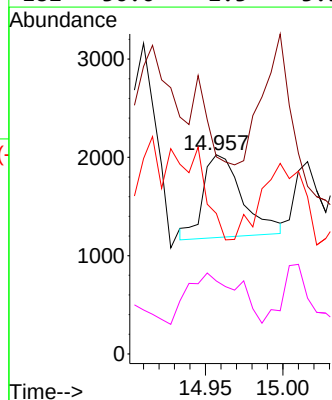
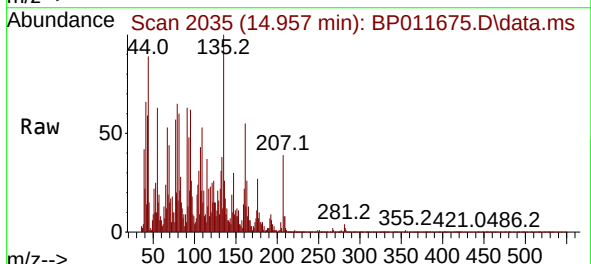
Instrument :
BNA_P
ClientSampleId :
MW-58

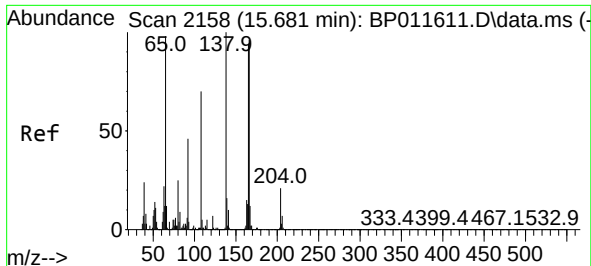
Tgt Ion:184 Resp: 381
Ion Ratio Lower Upper
184 100
63 619.3 65.4 98.2#
154 299.7 55.4 83.2#



#57
2,4-Dinitrotoluene
Concen: 3.720 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:165 Resp: 1483
Ion Ratio Lower Upper
165 100
63 99.0 46.2 69.2#
89 70.5 65.8 98.8
182 36.6 2.3 3.5#

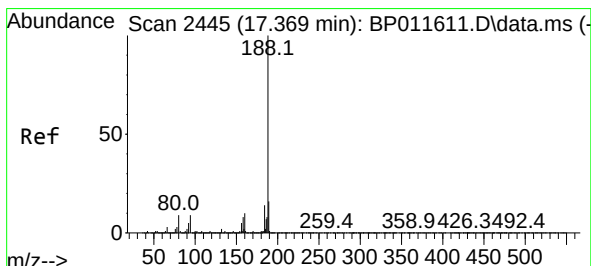
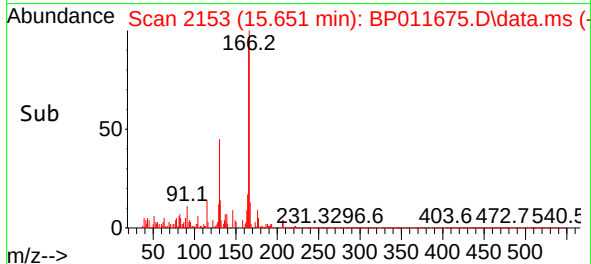
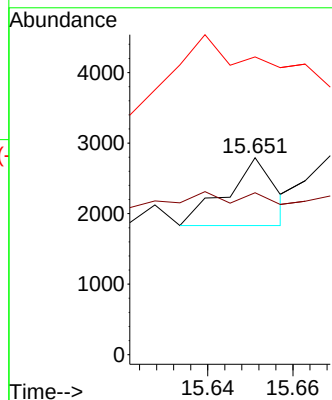
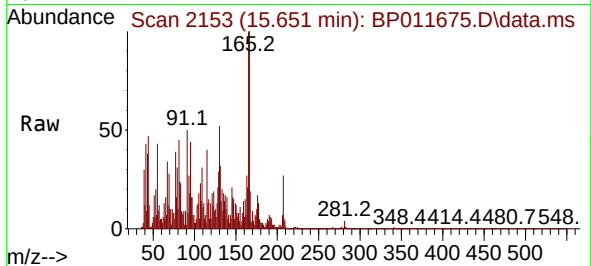




#62
4-Nitroaniline
Concen: 2.692 ng
RT: 15.651 min Scan# 2158
Delta R.T. -0.018 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

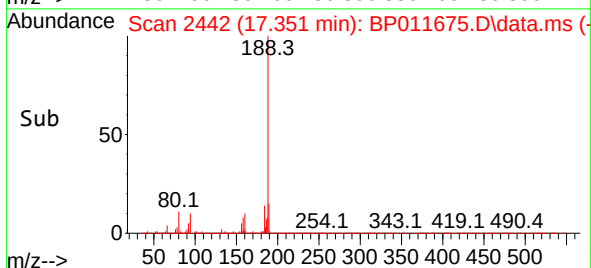
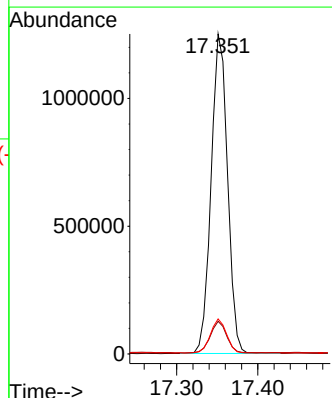
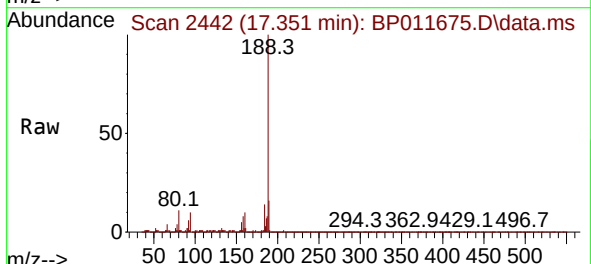
Instrument :
BNA_P
ClientSampleId :
MW-58

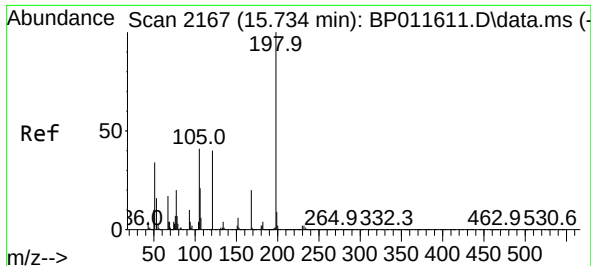
Tgt Ion:138 Resp: 774
Ion Ratio Lower Upper
138 100
92 82.2 38.0 78.0#
108 151.2 77.6 117.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:188 Resp: 1756406
Ion Ratio Lower Upper
188 100
94 10.2 6.6 10.0#
80 11.0 8.0 12.0

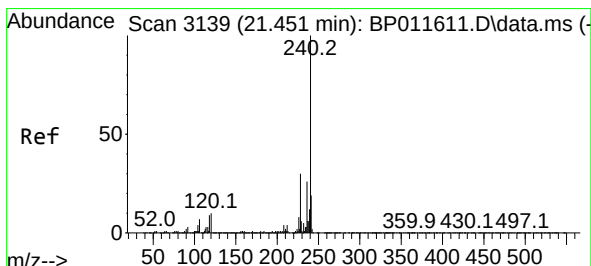
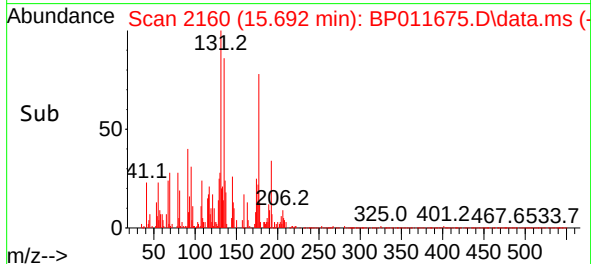
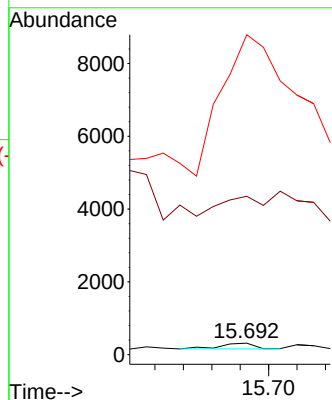
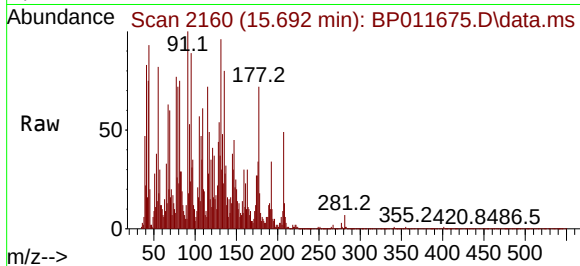




#65
4,6-Dinitro-2-methylphenol
Concen: 7.904 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.030 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

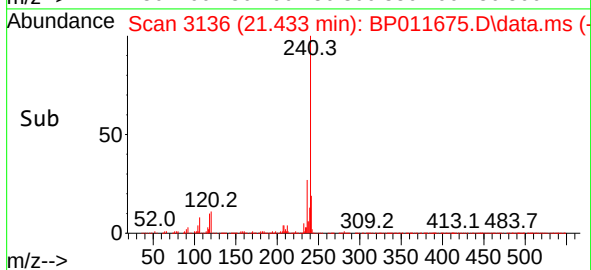
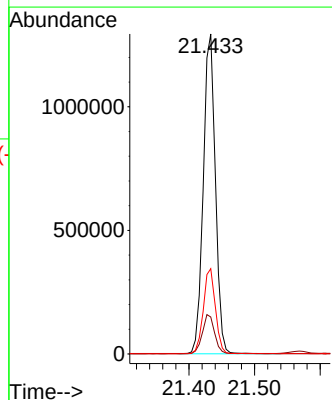
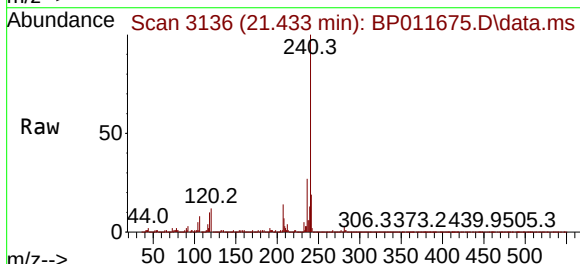
Instrument :
BNA_P
ClientSampleId :
MW-58

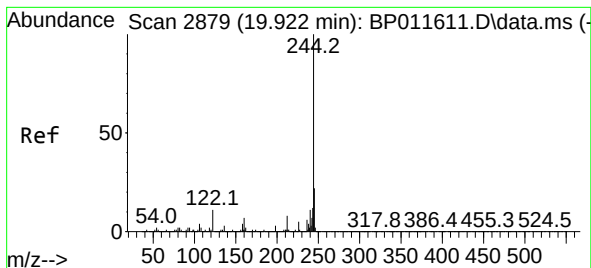
Tgt Ion:198 Resp: 131
Ion Ratio Lower Upper
198 100
51 1381.0 41.2 81.2#
105 2790.8 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:240 Resp: 1664481
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 26.7 19.8 29.6





#79

Terphenyl-d14

Concen: 77.701 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

Instrument :

BNA_P

ClientSampleId :

MW-58

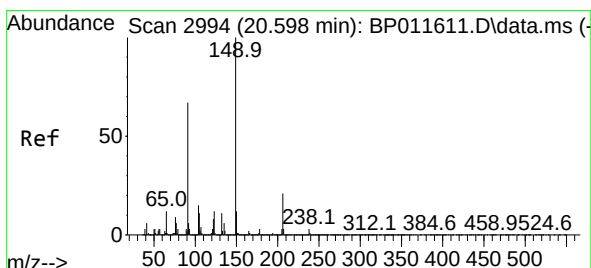
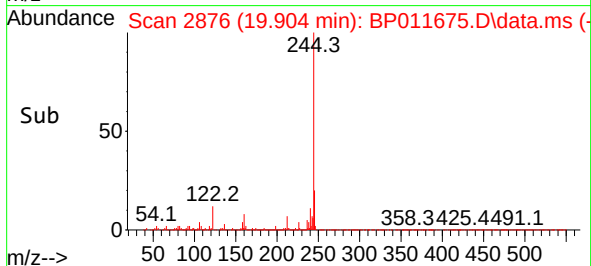
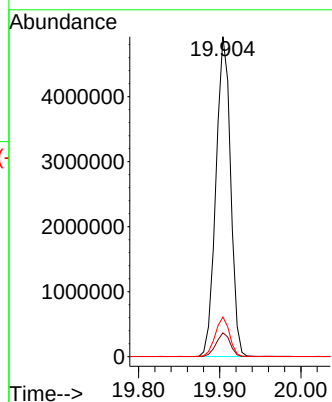
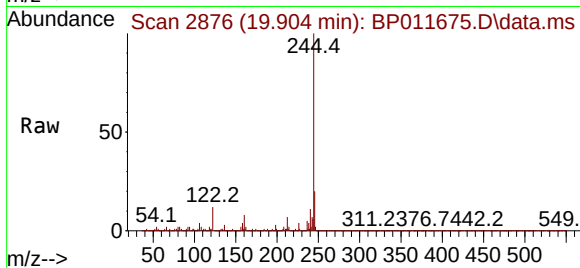
Tgt Ion:244 Resp: 6174849

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 12.4 7.6 11.4#



#80

Butylbenzylphthalate

Concen: 3.755 ng

RT: 20.574 min Scan# 2990

Delta R.T. -0.012 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

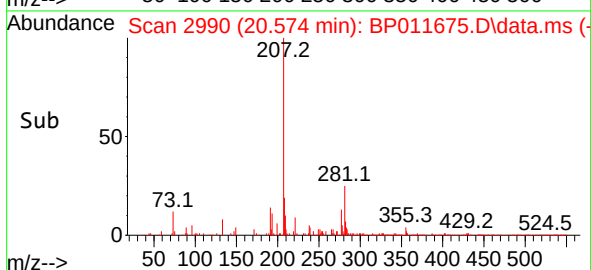
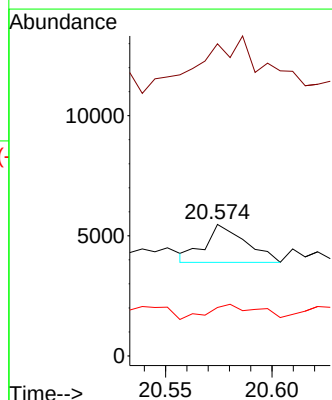
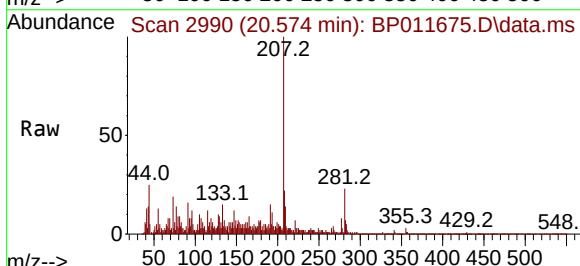
Tgt Ion:149 Resp: 2081

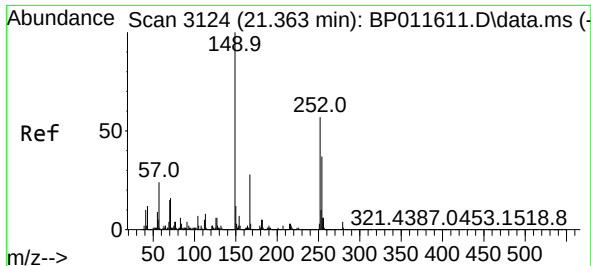
Ion Ratio Lower Upper

149 100

91 237.3 62.5 93.7#

206 36.8 17.0 25.4#

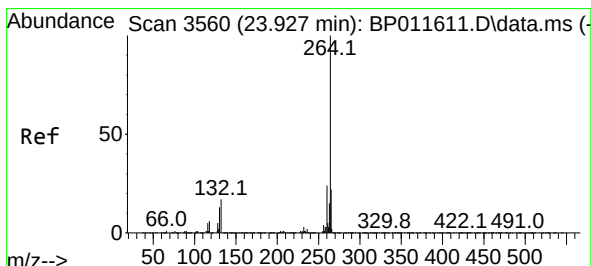
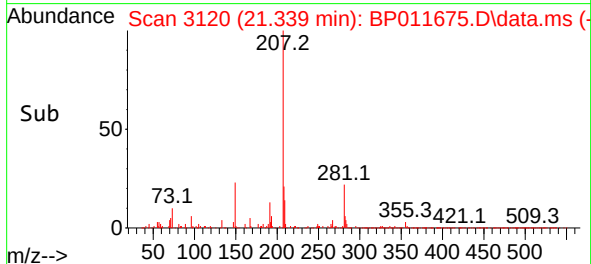
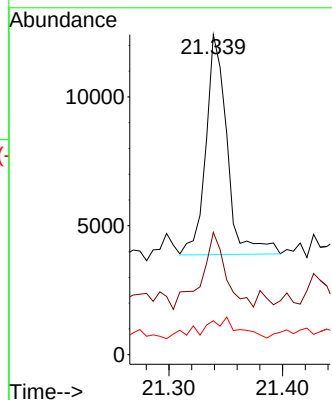
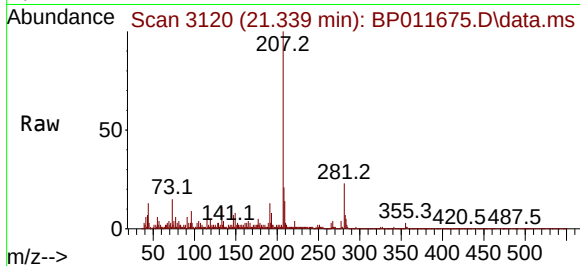




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.057 ng
 RT: 21.339 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP011675.D
 Acq: 09 Sep 2022 21:59

Instrument :
 BNA_P
 ClientSampleId :
 MW-58

Tgt Ion:149 Resp: 11047
 Ion Ratio Lower Upper
 149 100
 167 38.2 21.8 32.8#
 279 10.6 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: BP011675.D
 Acq: 09 Sep 2022 21:59

Tgt Ion:264 Resp: 1732497
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 22.3 18.0 27.0

