

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002674.D
 Acq On : 08 Jul 2020 14:36
 Operator : CG/JU
 Sample : L3215-19DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-6DL

Quant Time: Jul 08 15:10:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	280401	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1193372	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	789887	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1782906	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1852979	20.00	ng	0.00
86) Perylene-d12	23.28	264	1603848	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	225846	13.64	ng	0.00
7) Phenol-d6	6.77	99	216351	9.36	ng	0.00
23) Nitrobenzene-d5	8.71	82	425501	18.37	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	360129	37.49	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	997887	18.59	ng	-0.01
79) Terphenyl-d14	19.56	244	1998889	23.28	ng	-0.01

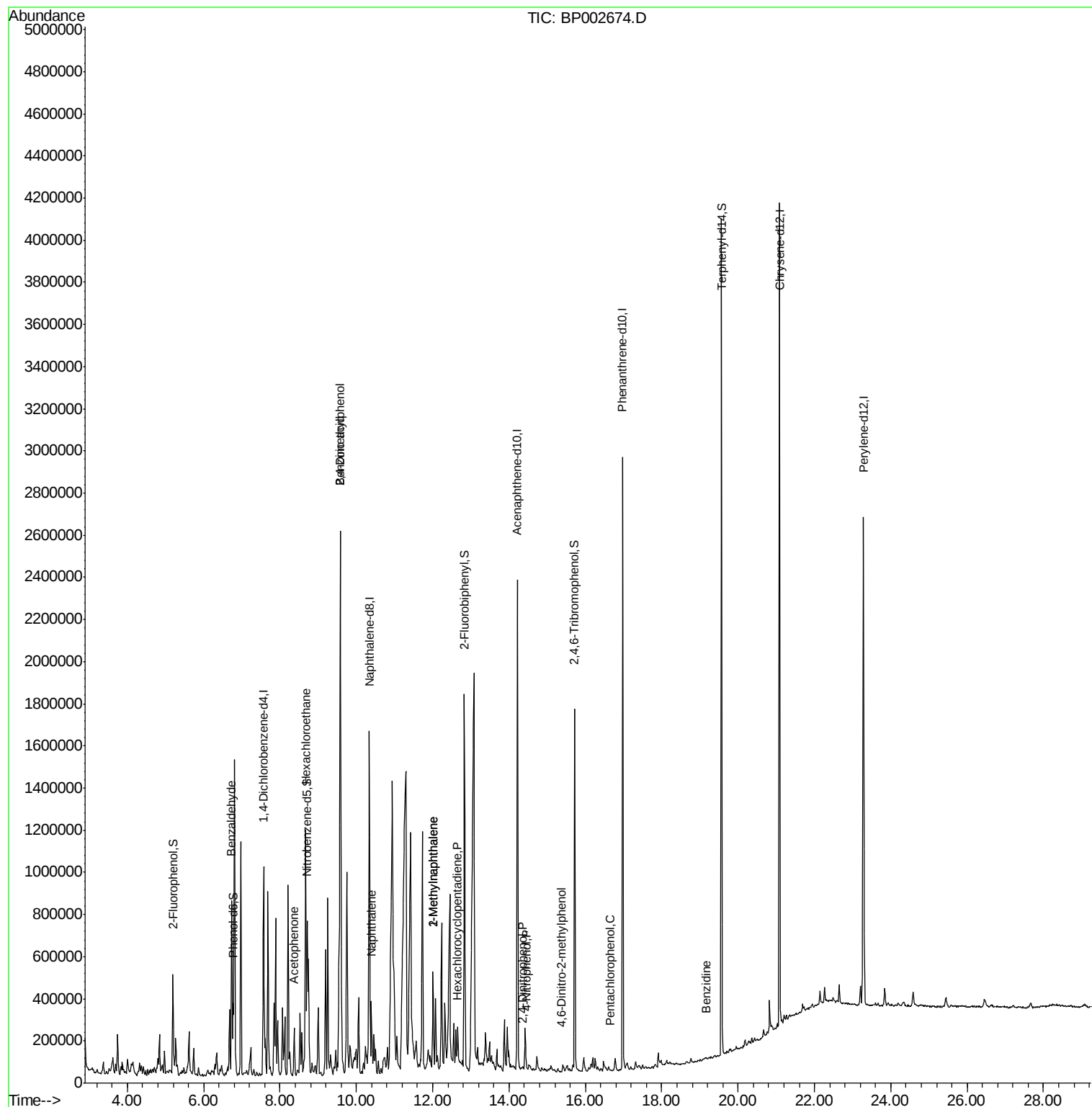
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.73	77	59216	3.858	ng	# 1
18) Hexachloroethane	8.67	117	102513	13.133	ng	# 1
22) Acetophenone	8.38	105	159688	5.287	ng	# 60
27) 2,4-Dimethylphenol	9.58	122	870433	51.378	ng	# 85
31) Naphthalene	10.39	128	149587	2.368	ng	# 96
32) Benzoic acid	9.58	122	870433	62.259	ng	# 14
37) 2-Methylnaphthalene	12.01	142	211983	4.602	ng	# 97
38) 1-Methylnaphthalene	12.01	142	211983	4.886	ng	# 99
41) Hexachlorocyclopentadiene	12.64	237	43	4.385	ng	# 93
54) 2,4-Dinitrophenol	14.34	184	52	6.015	ng	# 1
56) 4-Nitrophenol	14.45	139	205	2.453	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.37	198	41	2.713	ng	# 1
70) Pentachlorophenol	16.66	266	69	2.667	ng	# 70
77) Benzidine	19.17	184	462	3.762	ng	# 1

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

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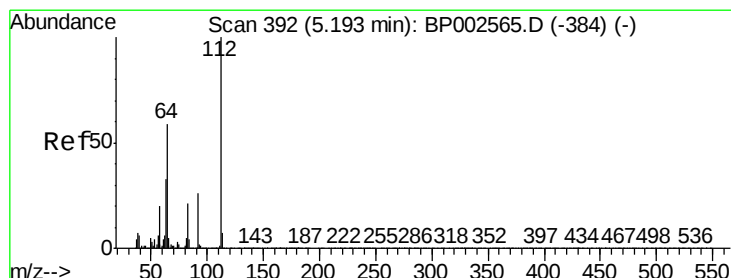
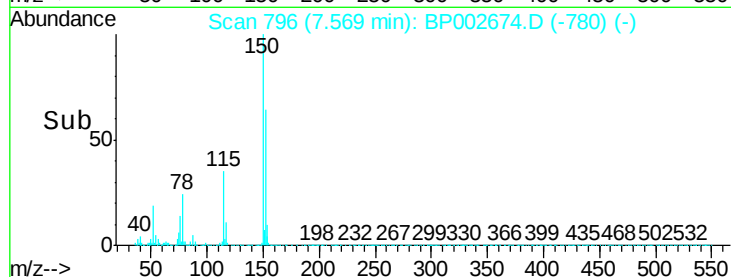
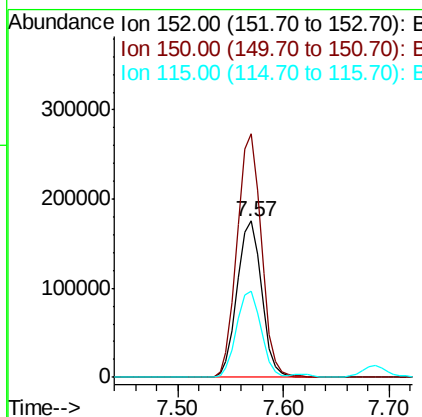
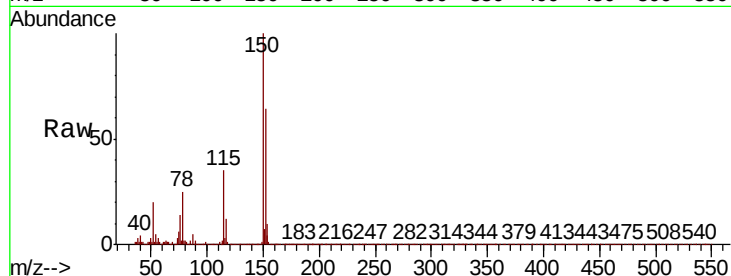


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Instrument :
BNA_P
ClientSampleId :
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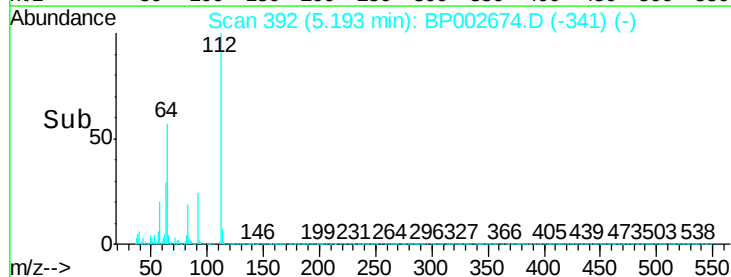
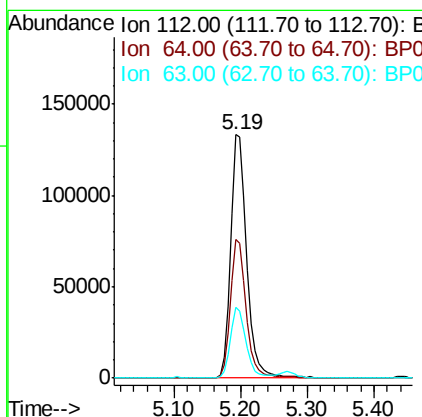
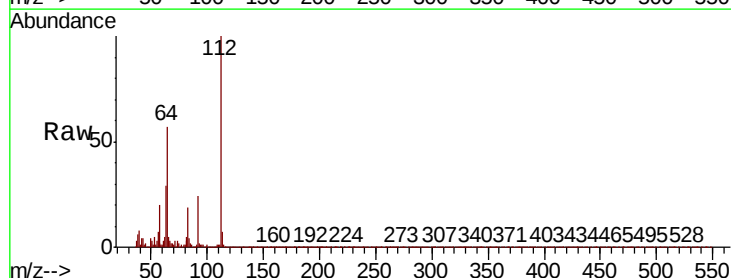
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	55.0	47.1	70.7

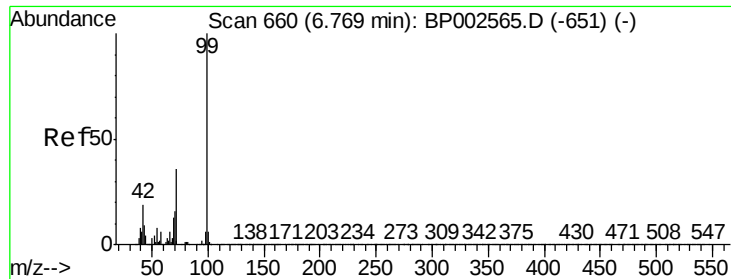


#5

2-Fluorophenol
Concen: 13.637 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.0	70.6
63	29.1	26.1	39.1





#7

Phenol-d6

Concen: 9.360 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002674.D

Acq: 08 Jul 2020 14:36

Instrument :

BNA_P

ClientSampleId :

MW-6DL

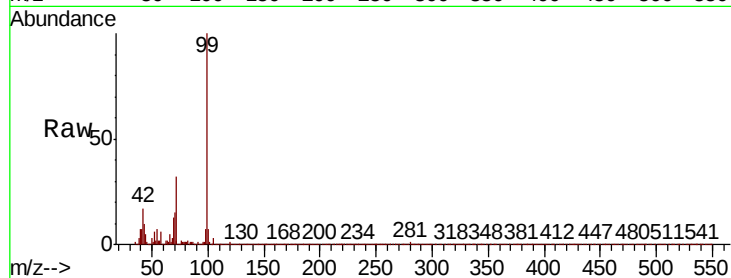
Tot Ion: 99 Resp: 216351

Ion Ratio Lower Upper

99 100

42 17.5 15.5 23.3

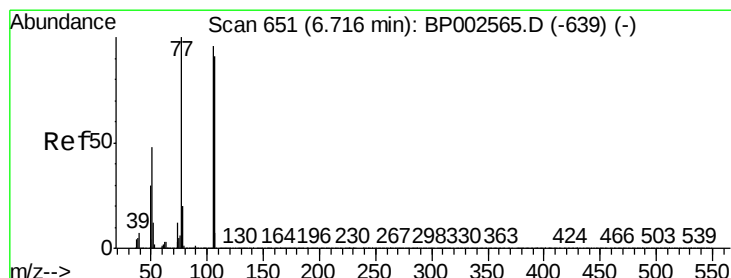
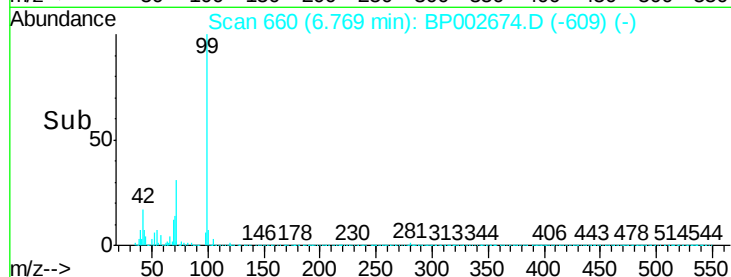
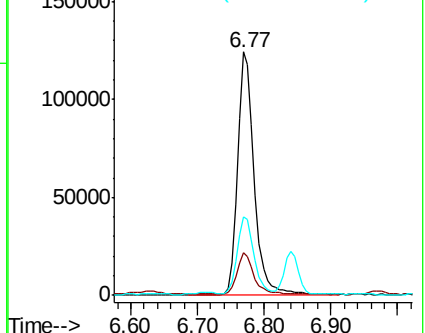
71 32.3 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: 3.858 ng

RT: 6.73 min Scan# 654

Delta R.T. 0.02 min

Lab File: BP002674.D

Acq: 08 Jul 2020 14:36

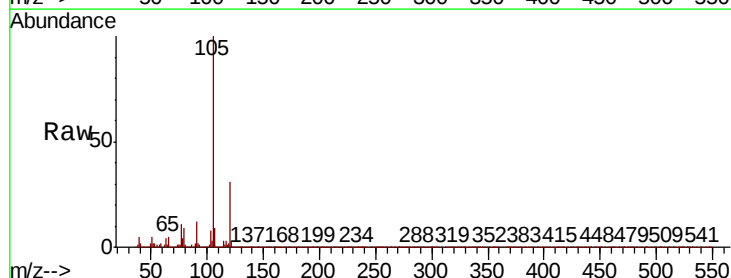
Tgt Ion: 77 Resp: 59216

Ion Ratio Lower Upper

77 100

105 878.7 76.5 116.5#

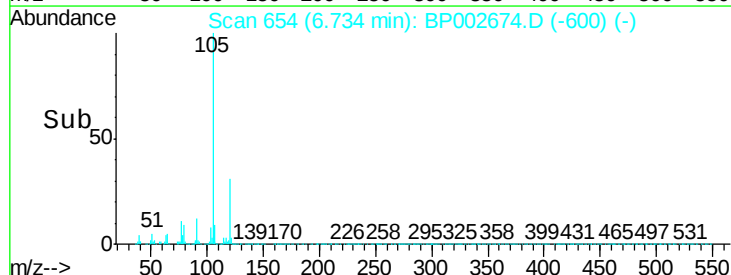
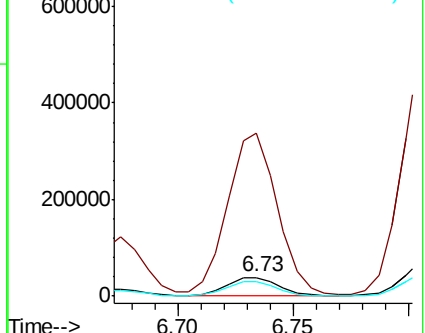
106 77.7 70.9 110.9

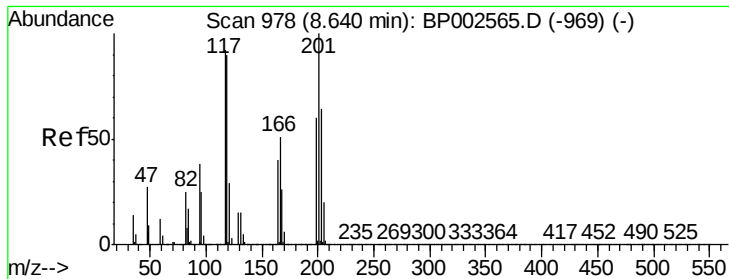


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

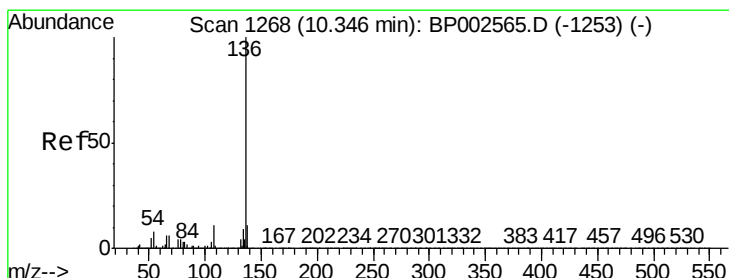
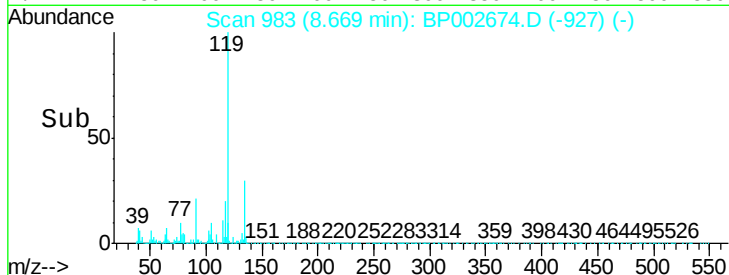
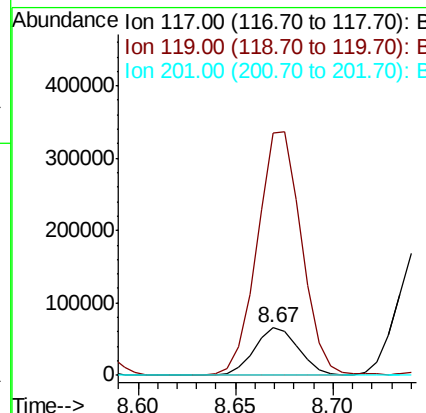
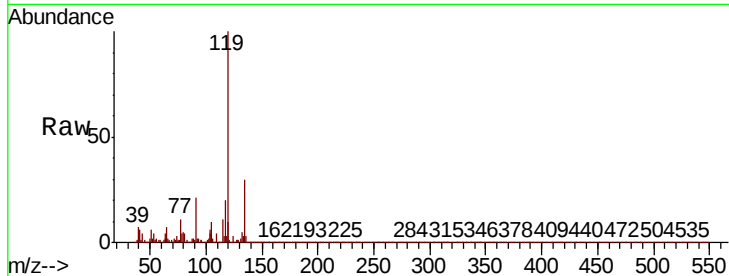




#18
Hexachloroethane
Concen: 13.133 ng
RT: 8.67 min Scan# 983
Delta R.T. 0.03 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

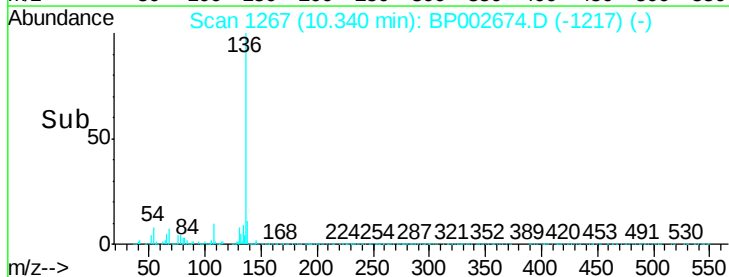
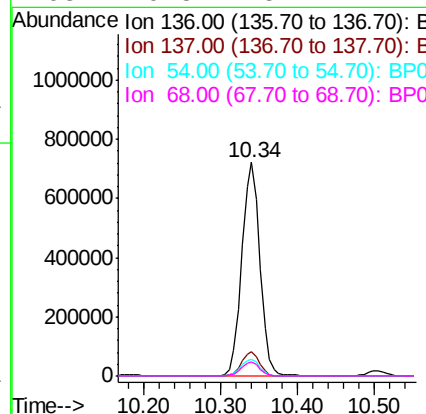
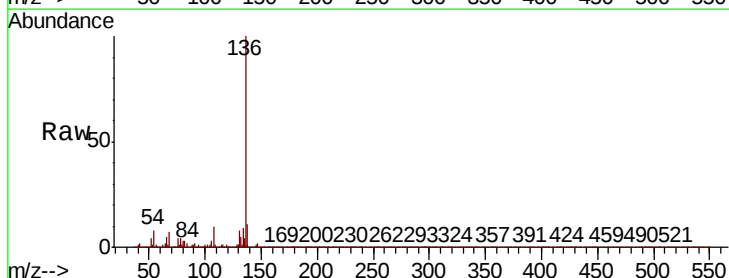
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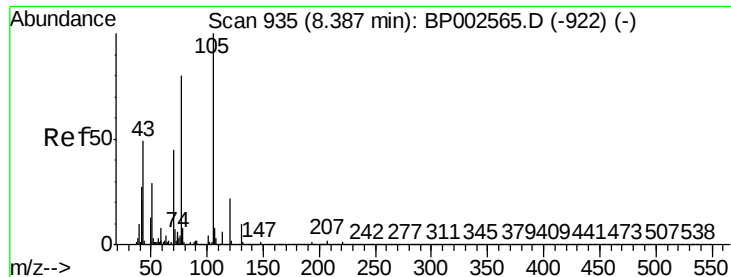
Tot Ion:117 Resp: 102513
Ion Ratio Lower Upper
117 100
119 511.1 78.2 117.4#
201 0.0 87.0 130.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion:136 Resp: 1193372
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 6.4 9.6
68 6.8 5.1 7.7

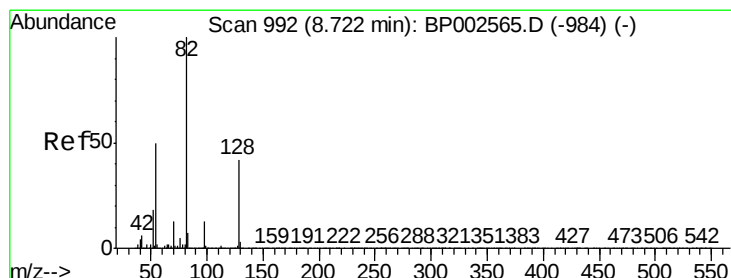
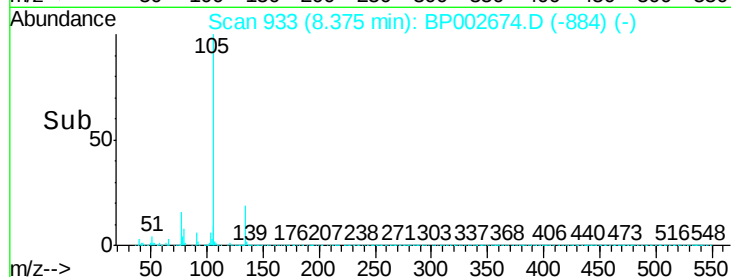
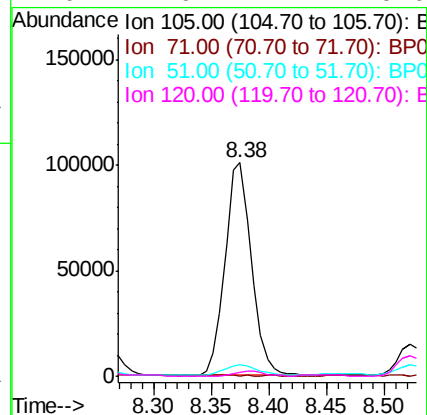
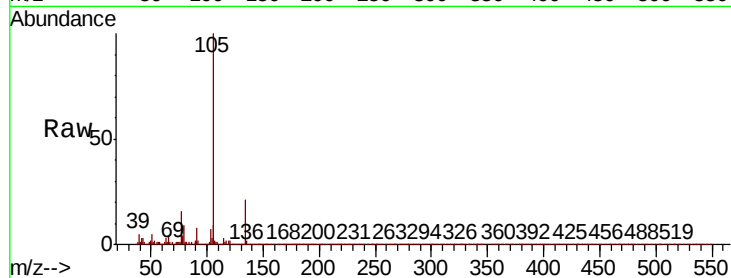




#22
Acetophenone
Concen: 5.287 ng
RT: 8.38 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

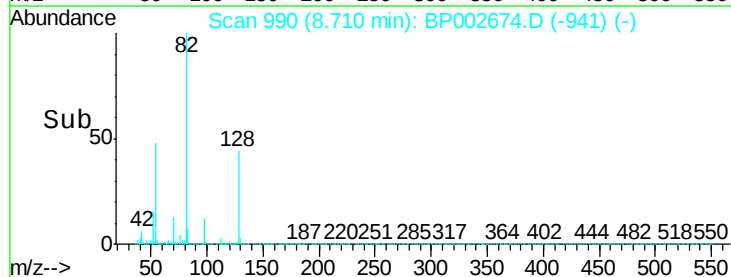
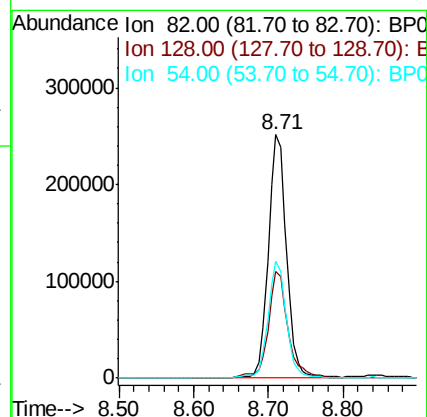
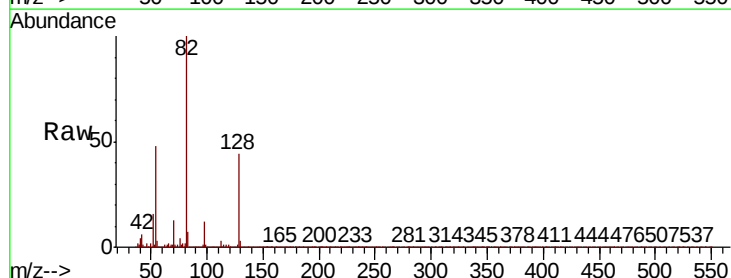
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ClientSampleId :
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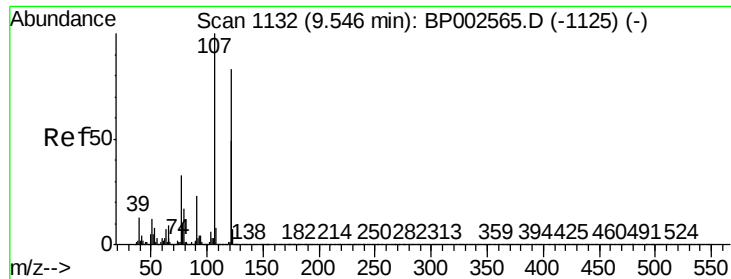
Tot Ion	Ratio	Lower	Upper
105	100		
71	0.3	5.8	8.8#
51	5.3	23.3	34.9#
120	1.9	17.4	26.0#



#23
Nitrobenzene-d5
Concen: 18.372 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.4	50.2
54	48.1	40.1	60.1

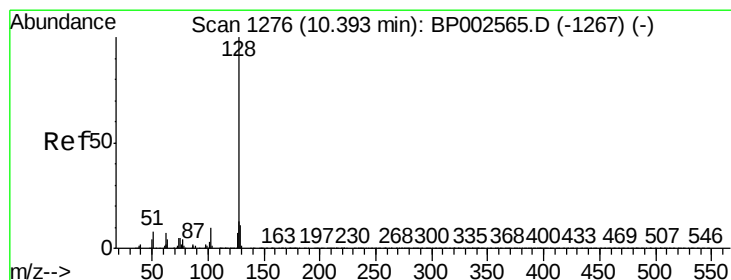
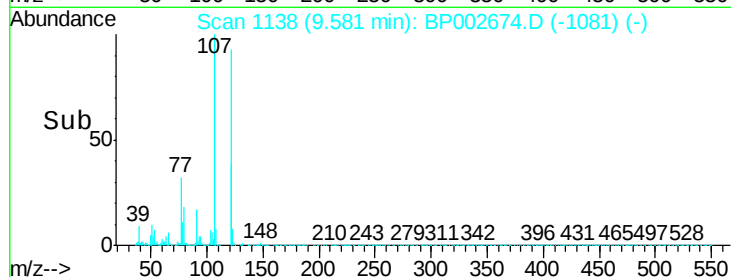
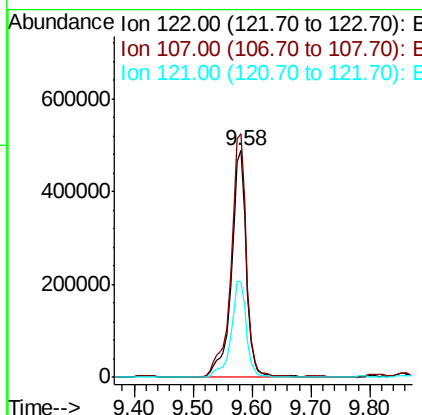
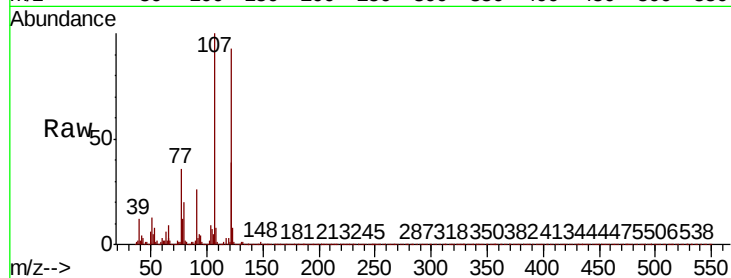




#27
2,4-Dimethylphenol
Concen: 51.378 ng
RT: 9.58 min Scan# 1138
Delta R.T. 0.04 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

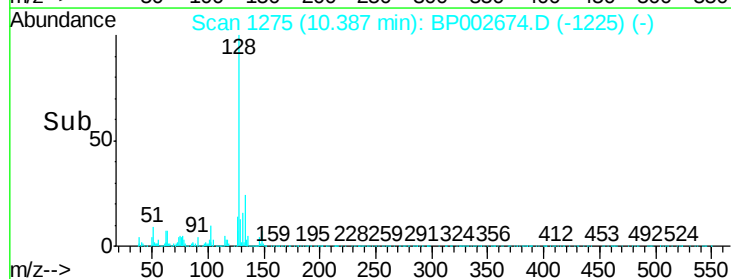
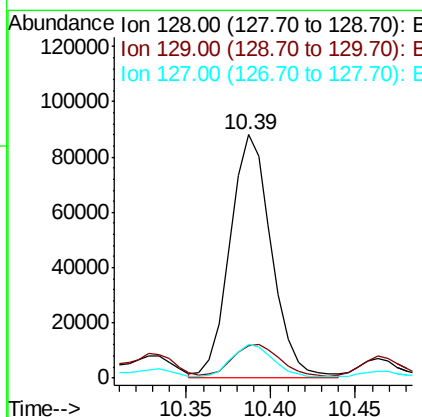
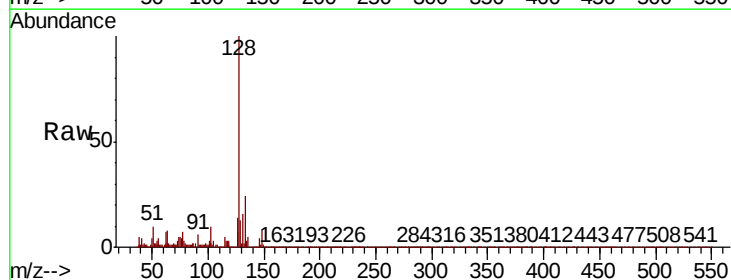
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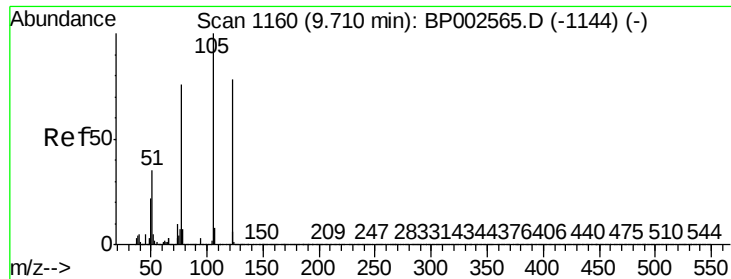
Tot Ion:122 Resp: 870433
Ion Ratio Lower Upper
122 100
107 107.6 95.9 143.9
121 42.3 47.0 70.6#



#31
Naphthalene
Concen: 2.368 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion:128 Resp: 149587
Ion Ratio Lower Upper
128 100
129 13.1 8.6 13.0#
127 14.0 10.3 15.5

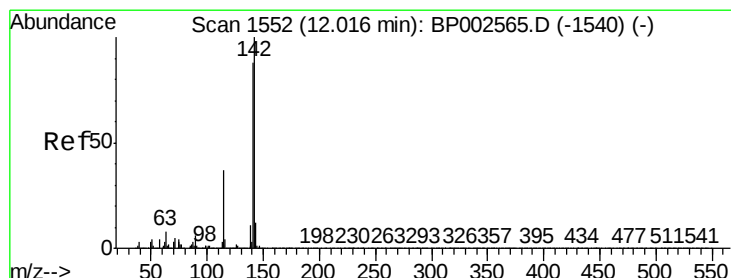
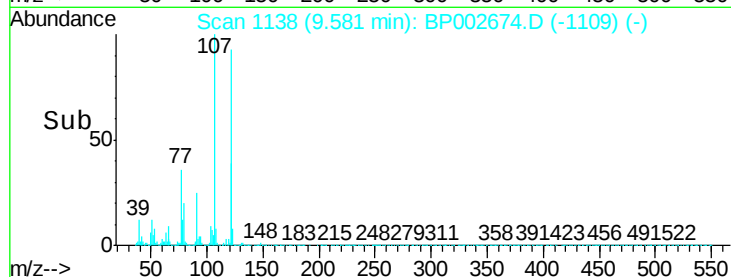
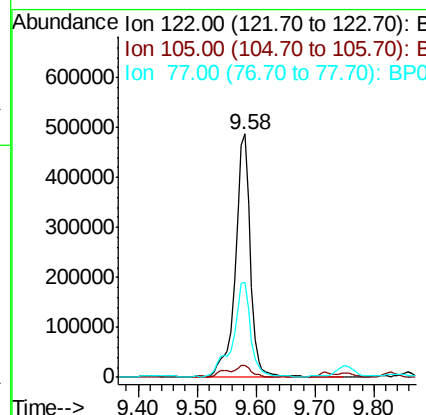
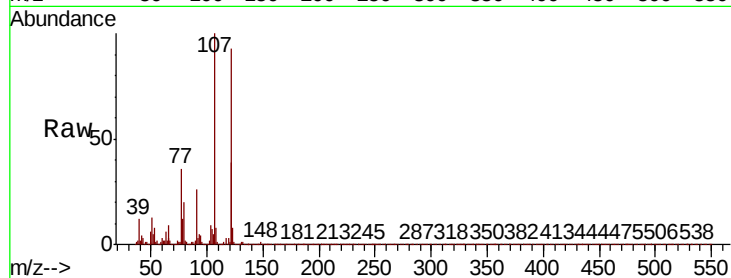




#32
Benzoic acid
Concen: 62.259 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.13 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

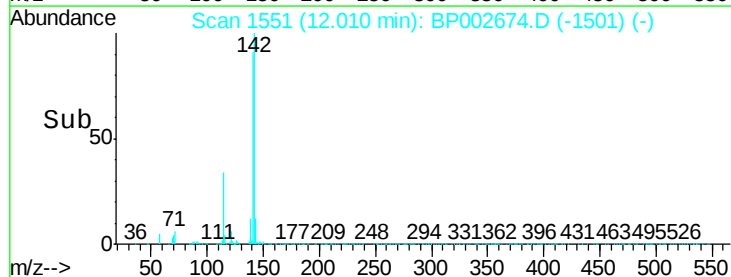
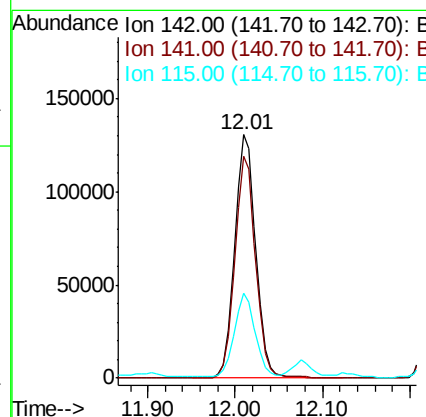
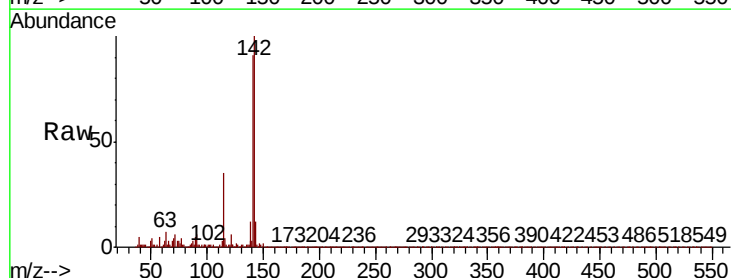
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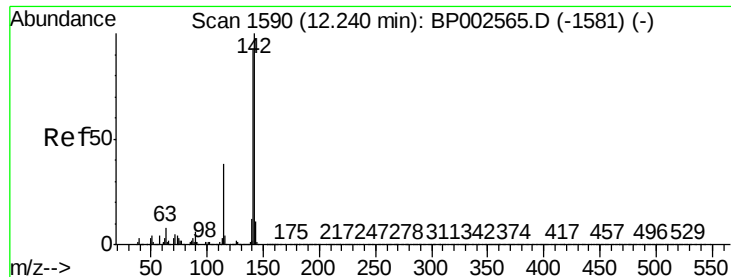
Tot Ion	Ratio	Lower	Upper
122	100		
105	5.1	106.6	146.6#
77	38.9	76.5	116.5#



#37
2-Methylnaphthalene
Concen: 4.602 ng
RT: 12.01 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.7	106.1
115	34.7	29.7	44.5

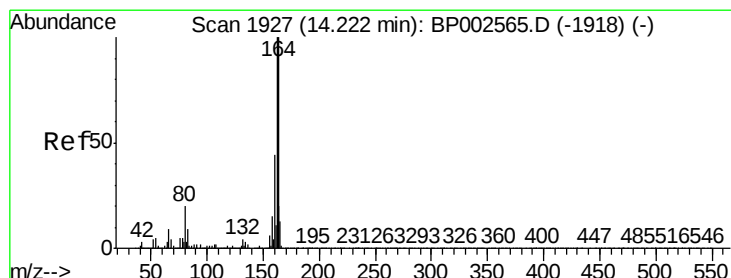
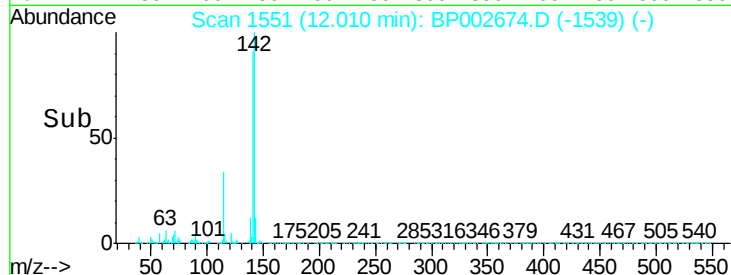
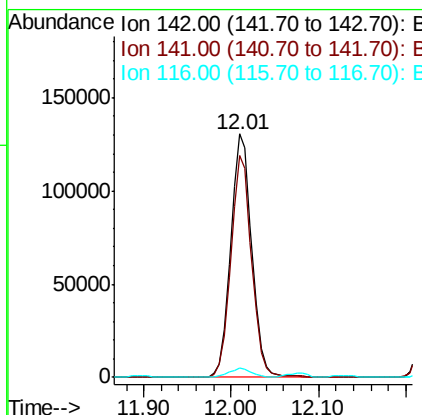
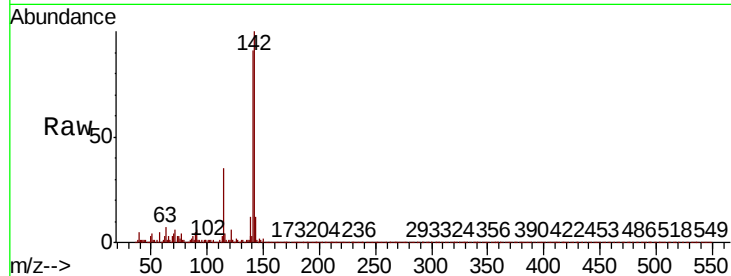




#38
1-Methylnaphthalene
Concen: 4.886 ng
RT: 12.01 min Scan# 1551
Delta R.T. -0.23 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

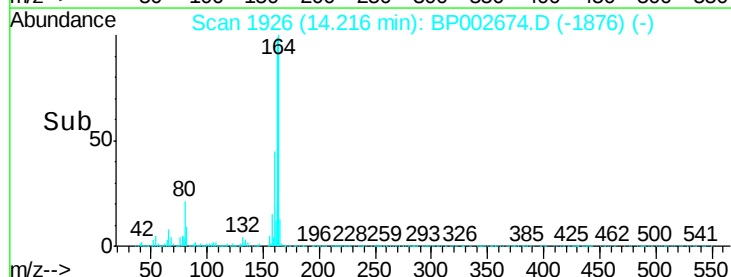
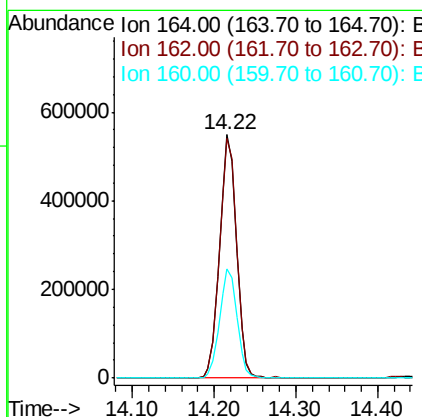
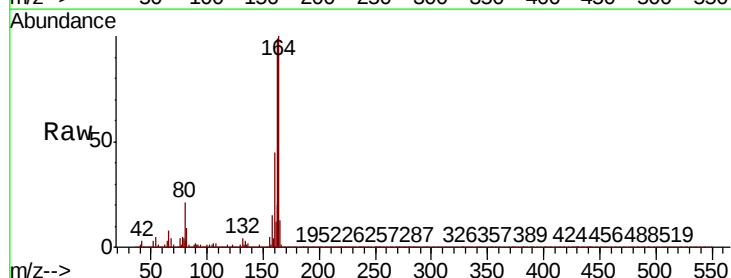
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BNA_P
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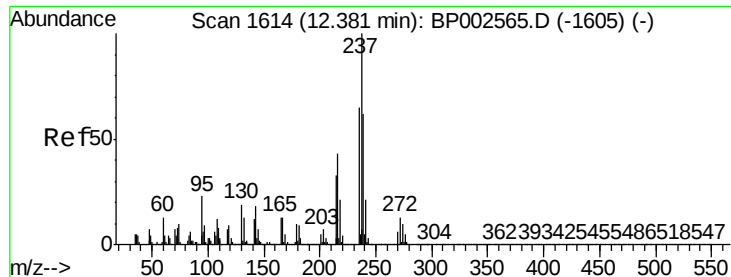
Tot Ion:142 Resp: 211983
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.2
116 4.1 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion:164 Resp: 789887
Ion Ratio Lower Upper
164 100
162 98.7 80.3 120.5
160 45.0 35.0 52.6





#41

Hexachlorocyclopentadiene

Concen: 4.385 ng

RT: 12.64 min Scan# 1658

Delta R.T. 0.26 min

Lab File: BP002674.D

Acq: 08 Jul 2020 14:36

Instrument :

BNA_P

ClientSampled :

MW-6DL

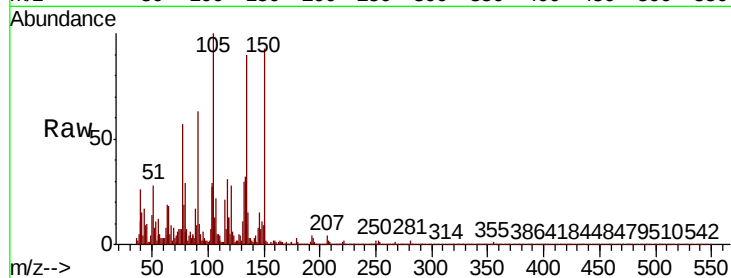
Tot Ion:237 Resp: 43

Ion Ratio Lower Upper

237 100

235 66.7 45.4 85.4

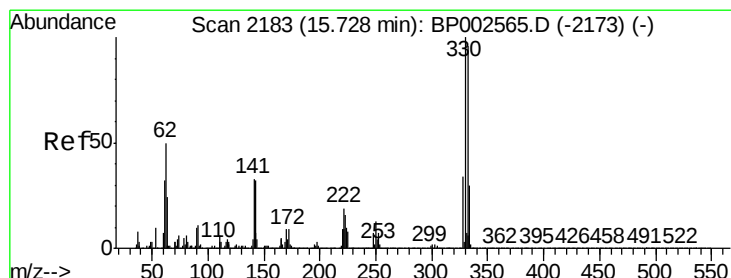
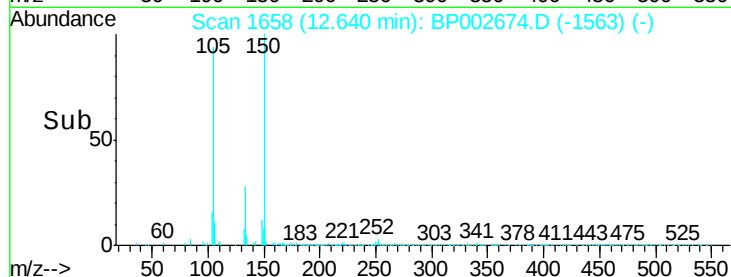
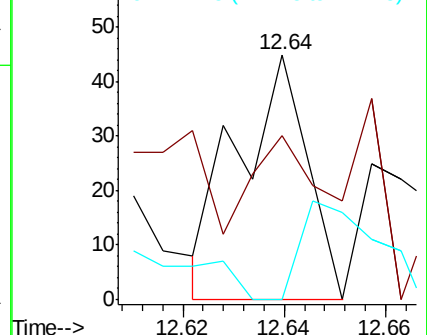
272 0.0 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 37.485 ng

RT: 15.72 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BP002674.D

Acq: 08 Jul 2020 14:36

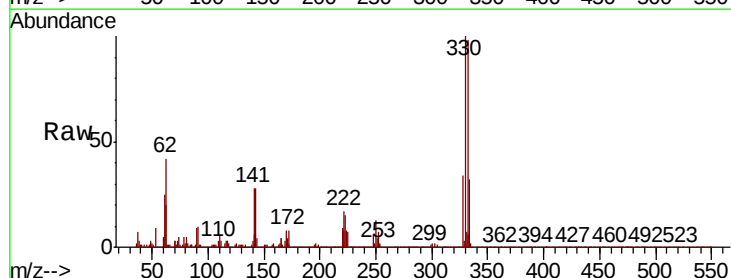
Tgt Ion:330 Resp: 360129

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

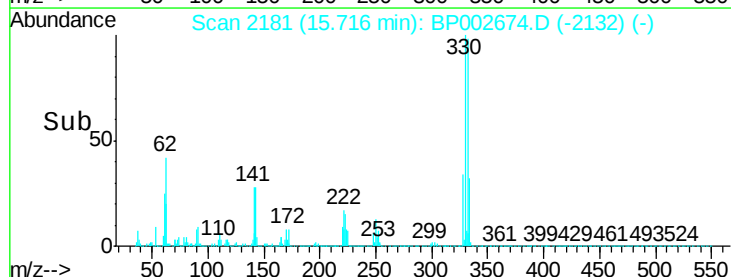
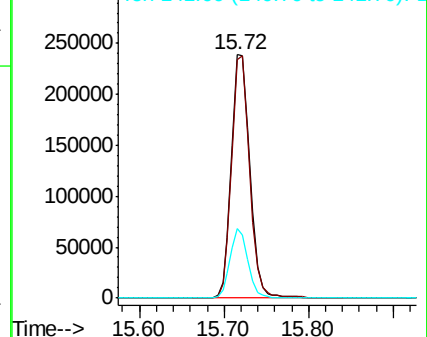
141 27.2 29.0 43.6#

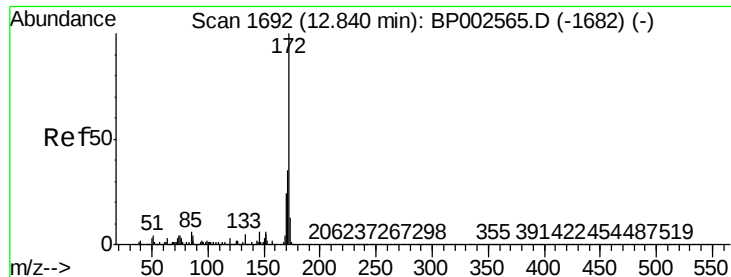


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

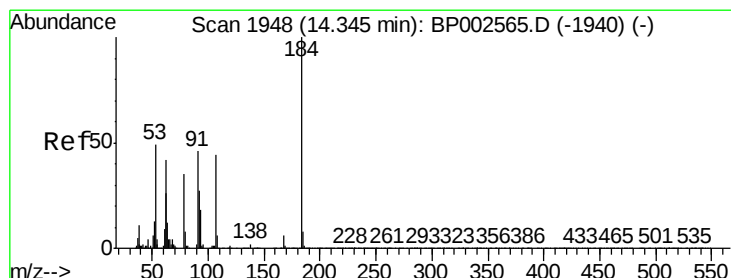
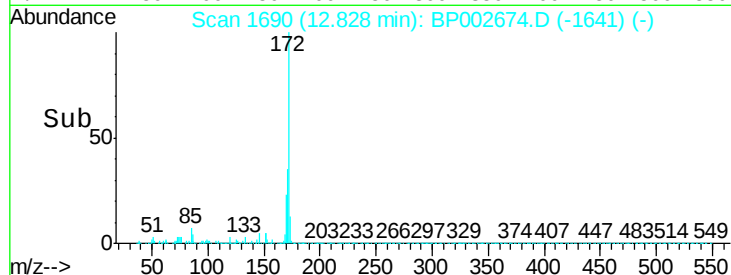
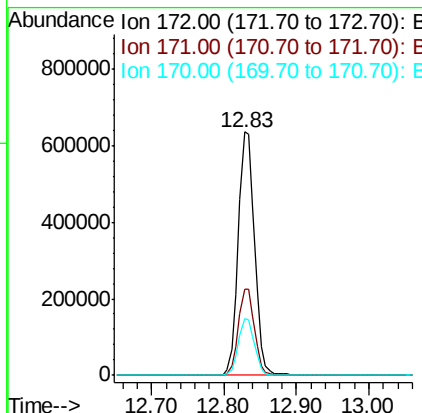
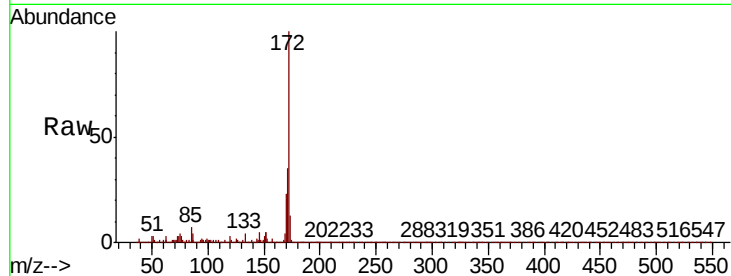




#45
2-Fluorobiphenyl
Concen: 18.594 ng
RT: 12.83 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

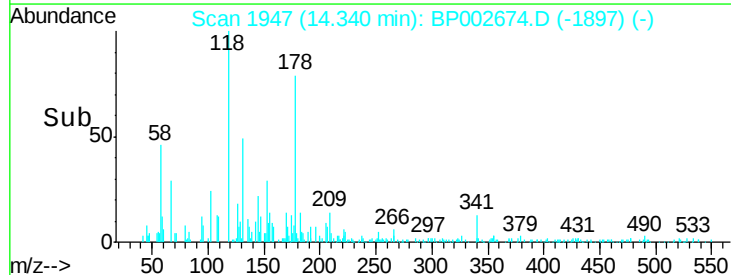
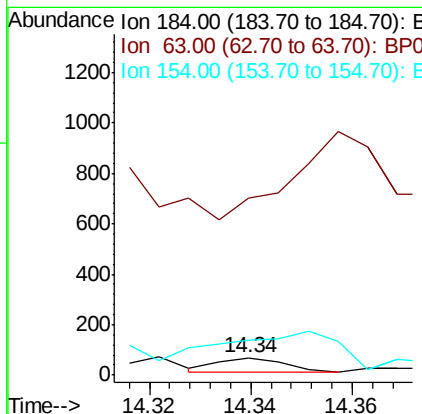
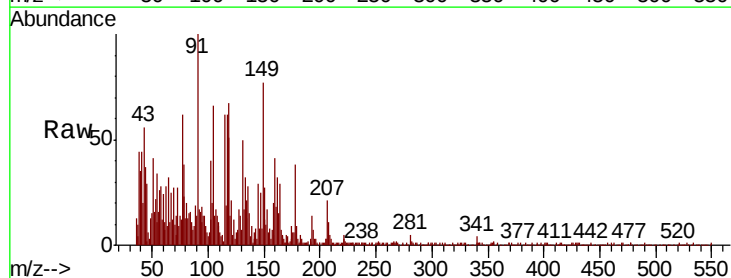
Instrument :
BNA_P
ClientSampleId :
MW-6DL

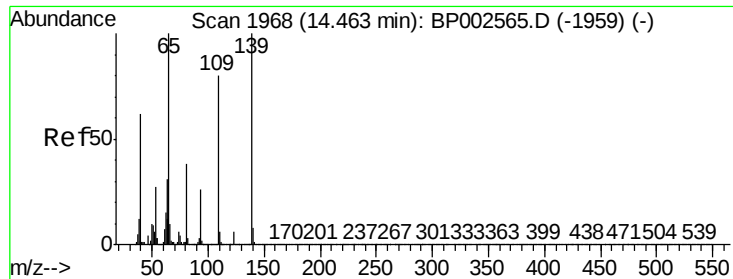
Tot Ion:172 Resp: 997887
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.3 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 6.015 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion:184 Resp: 52
Ion Ratio Lower Upper
184 100
63 1001.4 56.2 84.2#
154 201.4 50.9 76.3#

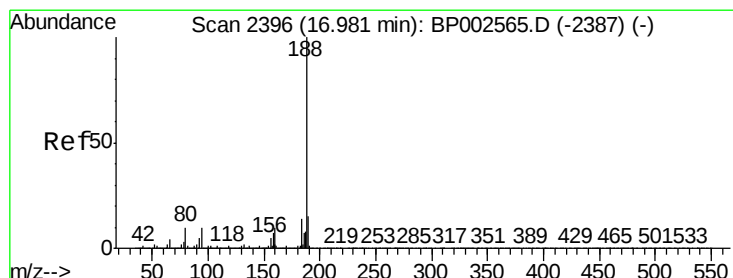
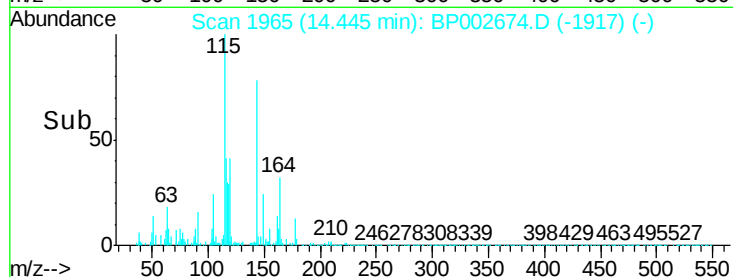
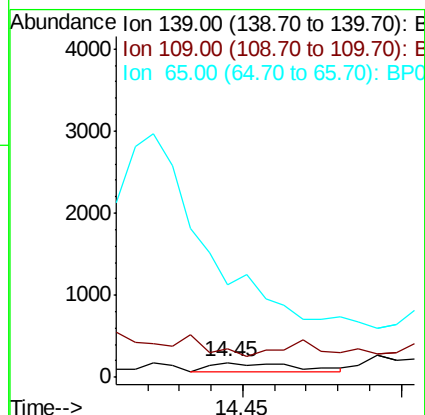
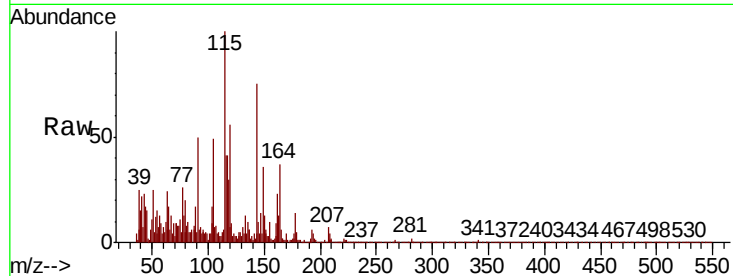




#56
4-Nitrophenol
Concen: 2.453 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

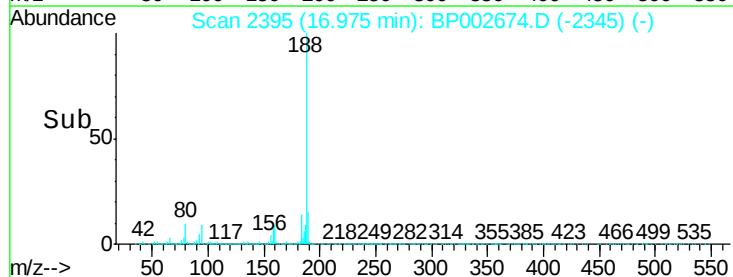
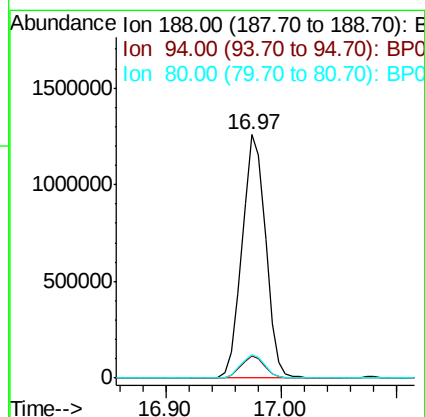
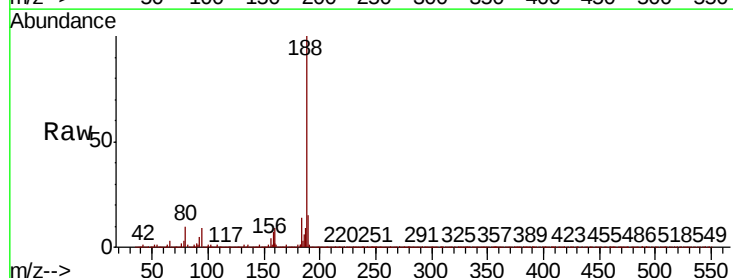
Instrument :
BNA_P
ClientSampleId :
MW-6DL

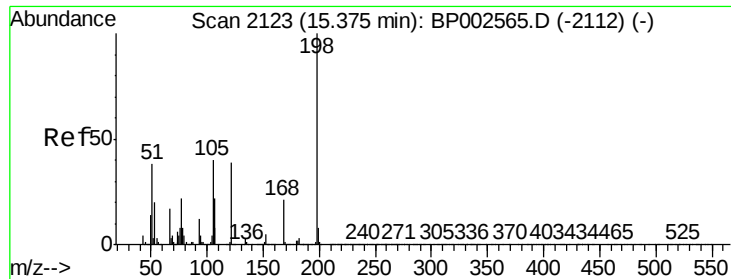
Tot Ion:139 Resp: 205
Ion Ratio Lower Upper
139 100
109 191.8 60.1 100.1#
65 622.5 80.3 120.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion:188 Resp: 1782906
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 9.6 8.2 12.4

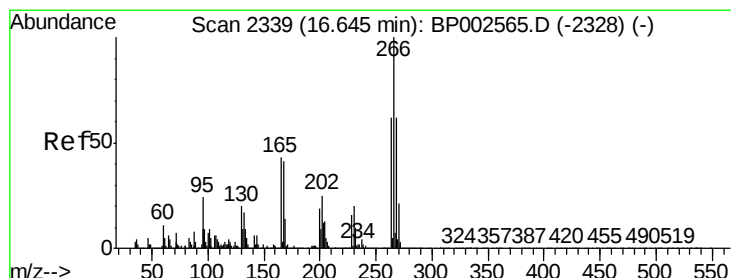
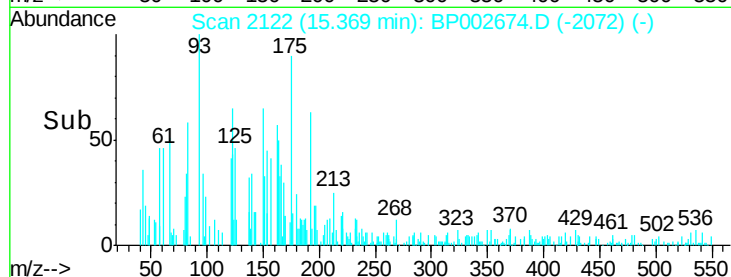
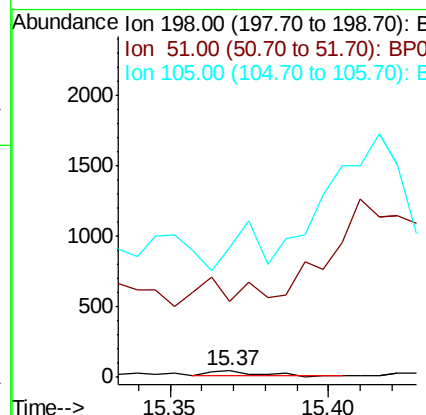
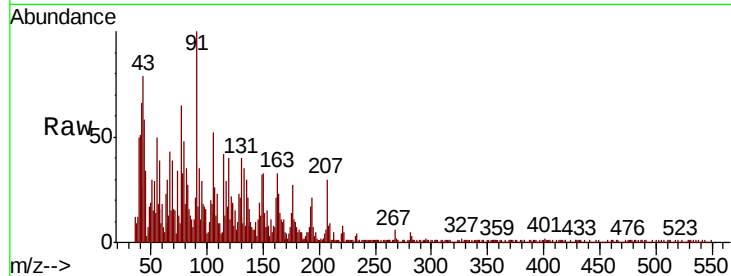




#65
4,6-Dinitro-2-methylphenol
Concen: 2.713 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

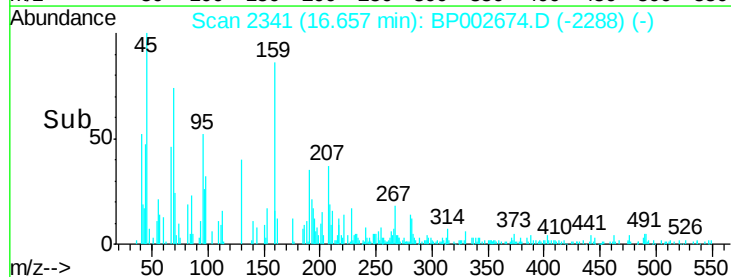
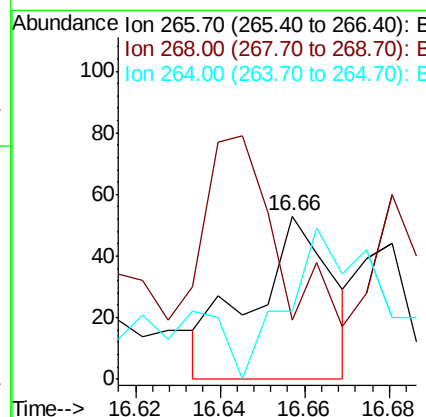
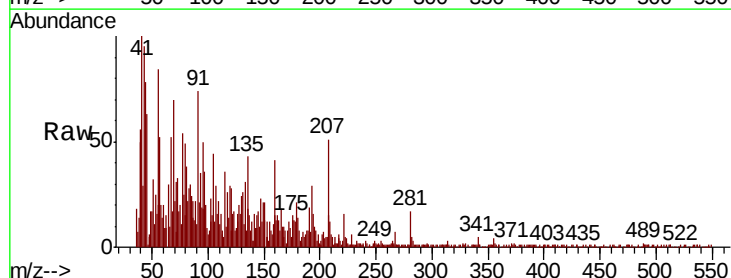
Instrument :
BNA_P
ClientSampled :
MW-6DL

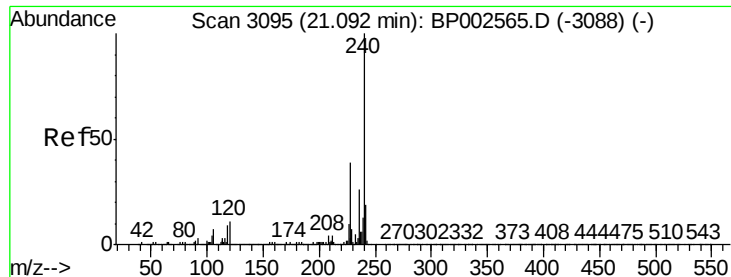
Tot Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
51 1227.3 24.2 64.2#
105 2102.3 20.7 60.7#



#70
Pentachlorophenol
Concen: 2.667 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
268 35.8 49.7 74.5#
264 41.5 49.3 73.9#

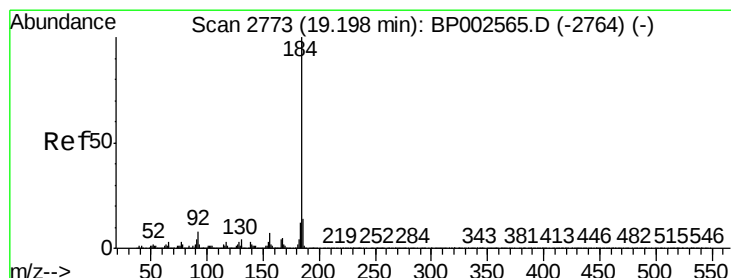
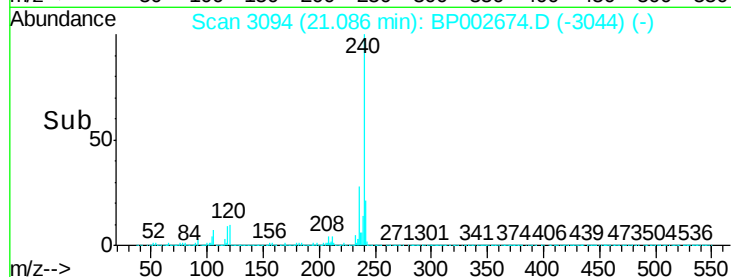
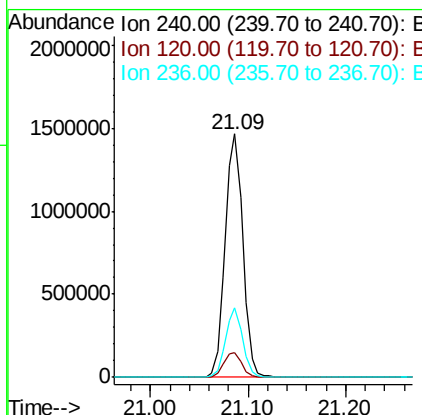
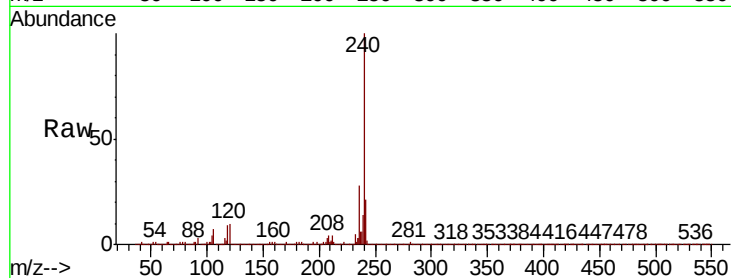




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

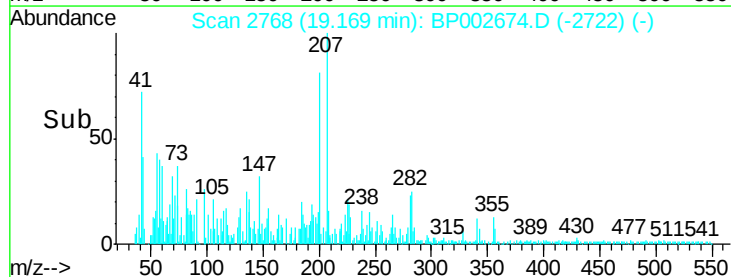
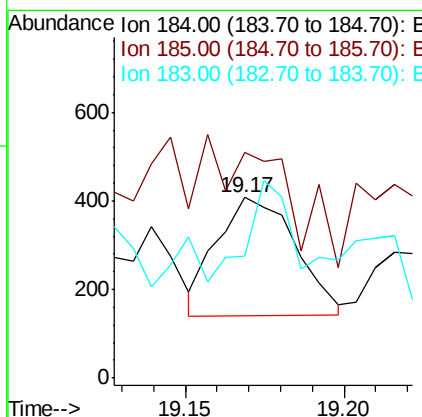
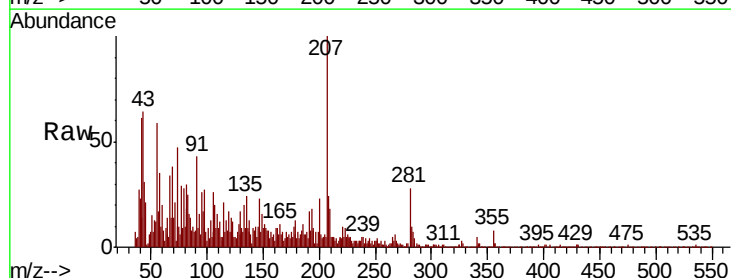
Instrument :
BNA_P
ClientSampleId :
MW-6DL

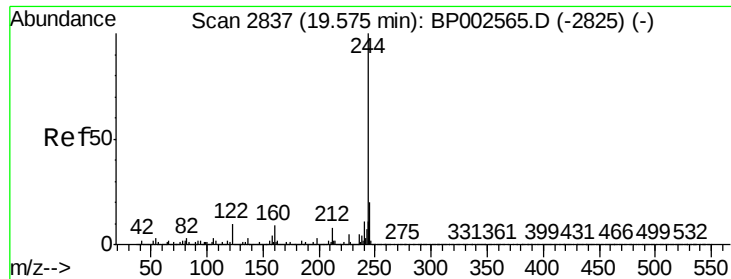
Tot Ion:240 Resp: 1852979
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 28.4 20.8 31.2



#77
Benzidine
Concen: 3.762 ng
RT: 19.17 min Scan# 2768
Delta R.T. -0.03 min
Lab File: BP002674.D
Acq: 08 Jul 2020 14:36

Tgt Ion:184 Resp: 462
Ion Ratio Lower Upper
184 100
185 125.1 11.4 17.2#
183 67.6 9.2 13.8#

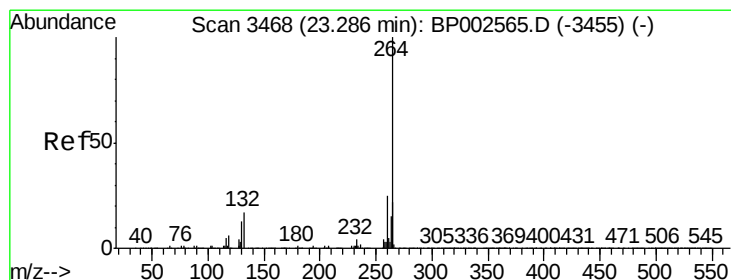
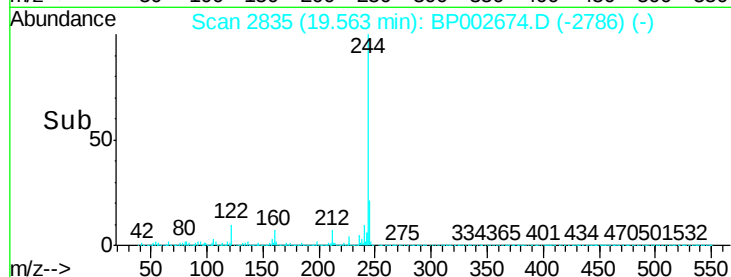
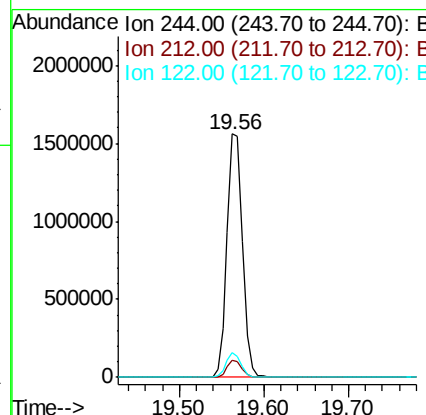
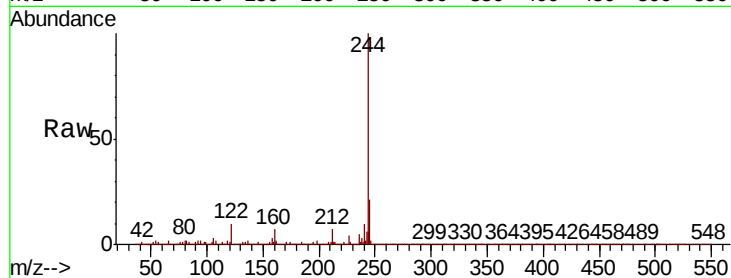




#79
 Terphenyl-d14
 Concen: 23.285 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BP002674.D
 Acq: 08 Jul 2020 14:36

Instrument :
 BNA_P
 ClientSampleId :
 MW-6DL

Tot Ion:244 Resp: 1998889
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 10.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.28 min Scan# 3467
 Delta R.T. -0.01 min
 Lab File: BP002674.D
 Acq: 08 Jul 2020 14:36

Tgt Ion:264 Resp: 1603848
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 21.6 17.6 26.4

