

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002659.D
 Acq On : 07 Jul 2020 15:49
 Operator : CG/JU
 Sample : L3202-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-COMP

Quant Time: Jul 07 16:34:18 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	216165	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	841462	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	523757	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1135843	20.00	ng	0.00
76) Chrysene-d12	21.08	240	1223386	20.00	ng	-0.01
86) Perylene-d12	23.27	264	1307277	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	1158790	90.76	ng	0.00
7) Phenol-d6	6.76	99	1625612	91.22	ng	0.00
23) Nitrobenzene-d5	8.71	82	1045917	64.04	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	709310	111.35	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	2469836	69.41	ng	0.00
79) Terphenyl-d14	19.57	244	3840663	67.76	ng	0.00

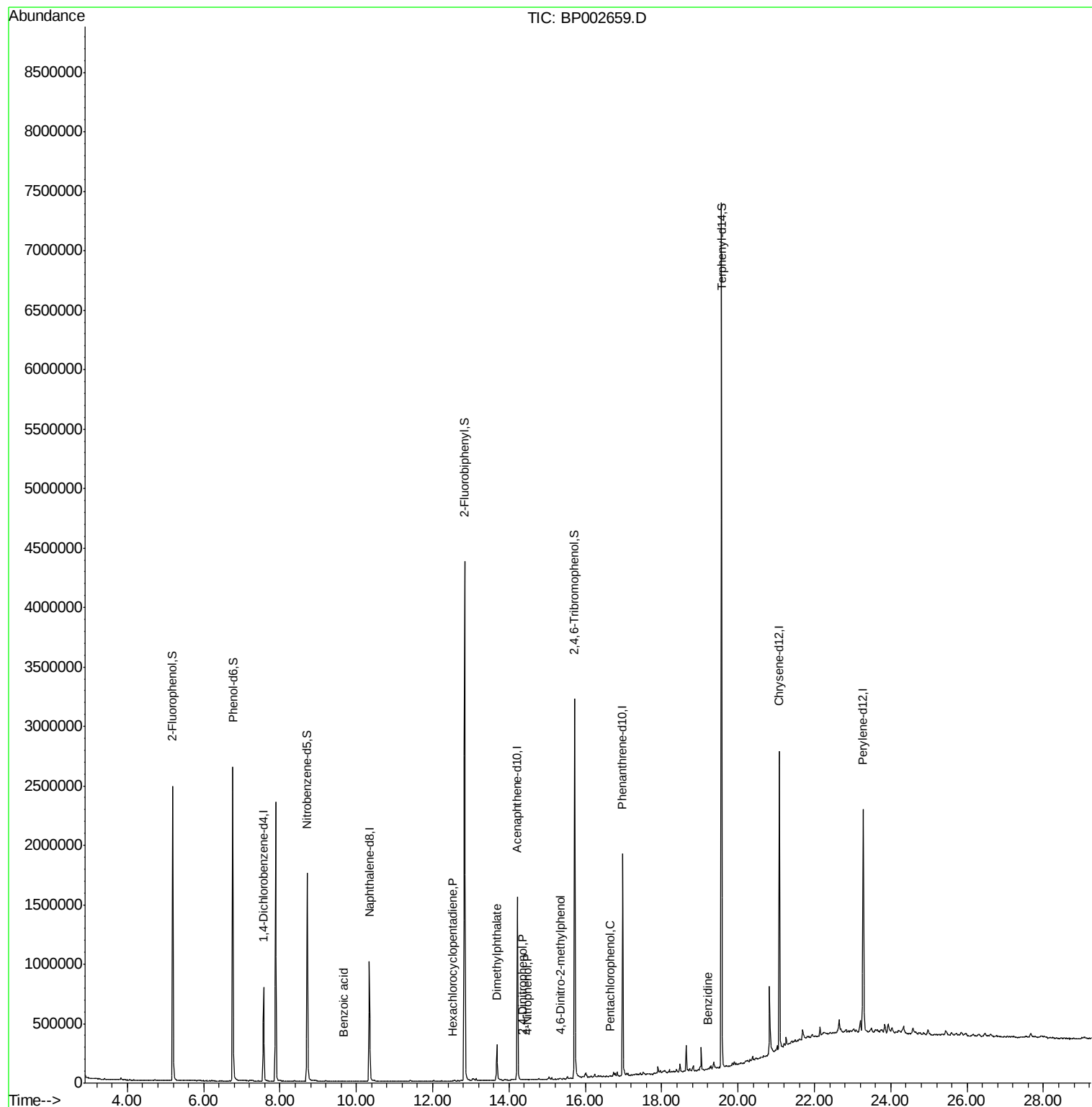
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.68	77	358	Below Cal		# 61
32) Benzoic acid	9.67	122	42	8.703	ng	# 38
41) Hexachlorocyclopentadiene	12.50	237	23	4.384	ng	# 88
50) Dimethylphthalate	13.68	163	220533	5.361	ng	# 99
54) 2,4-Dinitrophenol	14.35	184	49	6.017	ng	# 1
56) 4-Nitrophenol	14.47	139	195	2.461	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.34	198	65	2.718	ng	# 1
70) Pentachlorophenol	16.66	266	173	2.683	ng	# 63
77) Benzidine	19.19	184	139	3.759	ng	# 1

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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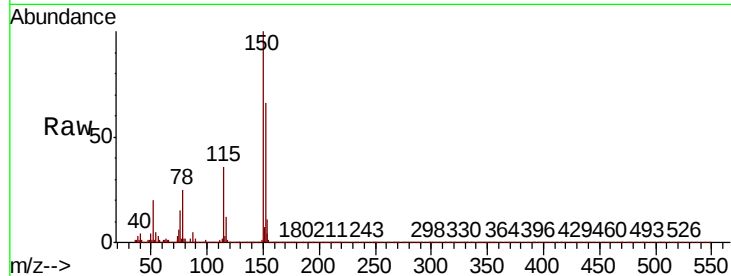


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002659.D
Acq: 07 Jul 2020 15:49

Instrument :
BNA_P
ClientSampleId :
RO-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.2	186.2
115	54.7	47.1	70.7

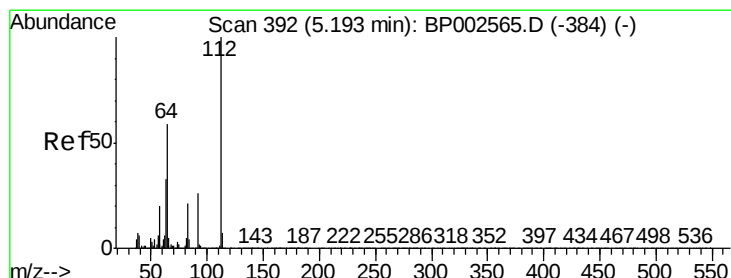
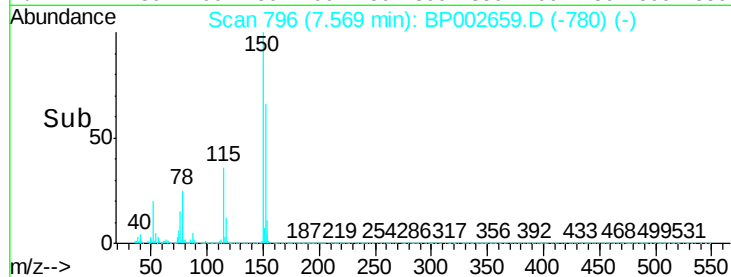
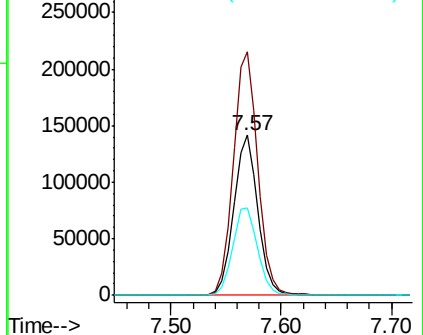


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

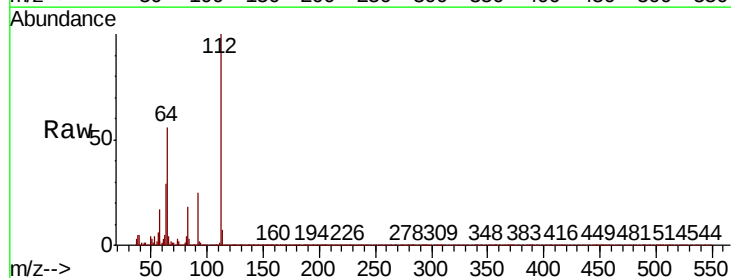
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.762 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002659.D
Acq: 07 Jul 2020 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.0	70.6
63	28.6	26.1	39.1

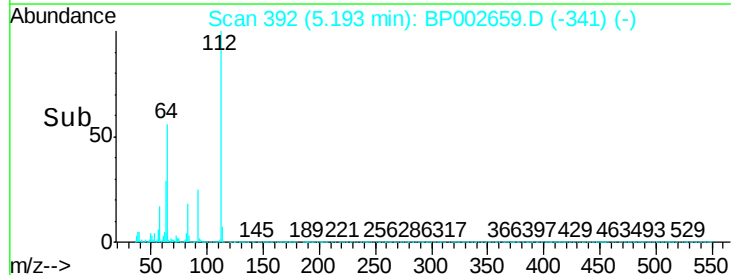
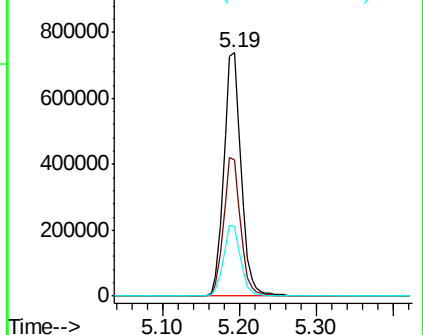


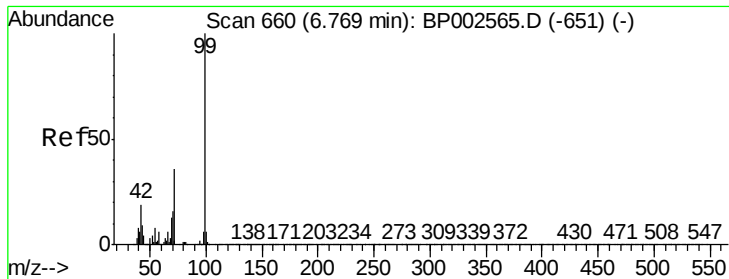
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 91.225 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002659.D

Acq: 07 Jul 2020 15:49

Instrument :

BNA_P

ClientSampled :

RO-COMP

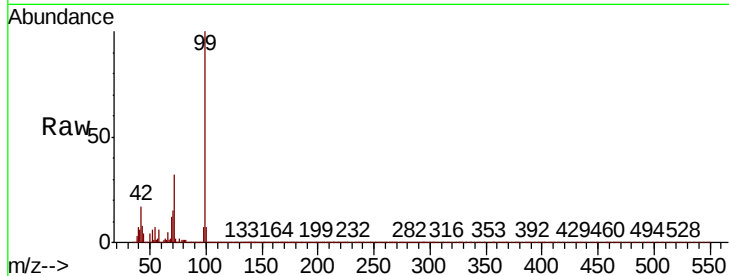
Tot Ion: 99 Resp: 1625612

Ion Ratio Lower Upper

99 100

42 16.8 15.5 23.3

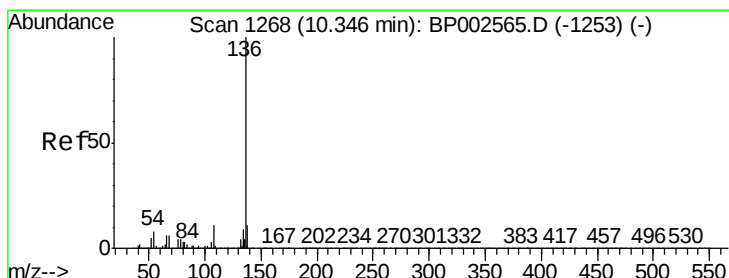
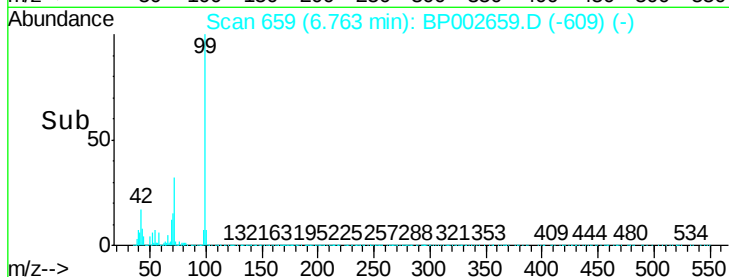
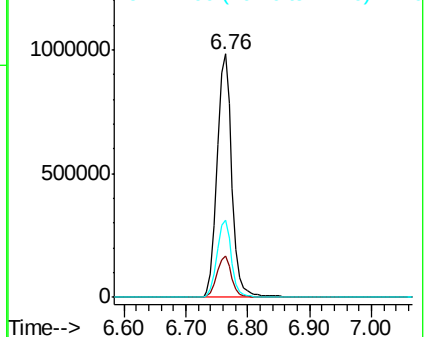
71 31.7 28.9 43.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002659.D

Acq: 07 Jul 2020 15:49

Tgt Ion: 136 Resp: 841462

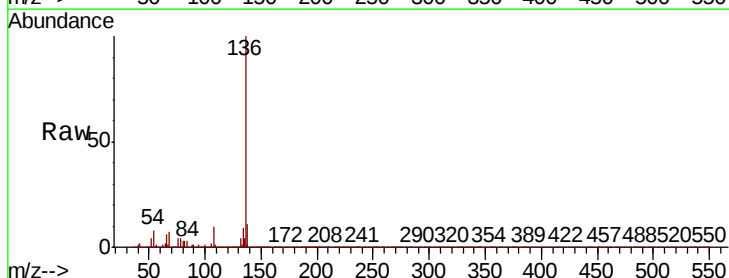
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.1 6.4 9.6

68 7.0 5.1 7.7

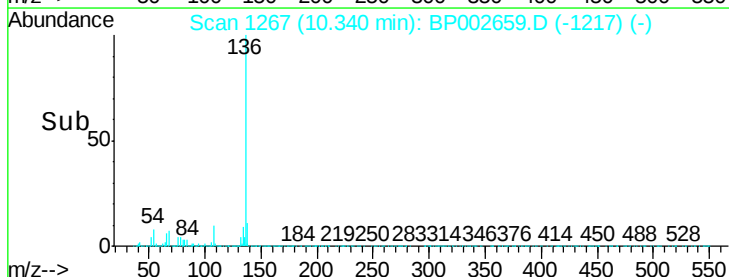
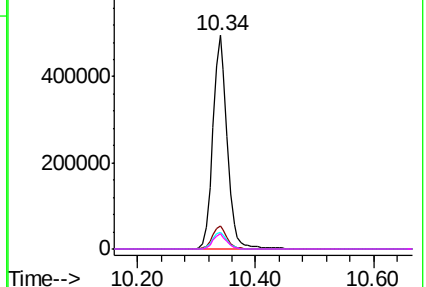


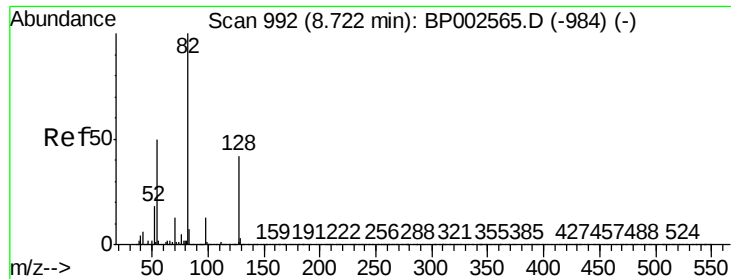
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

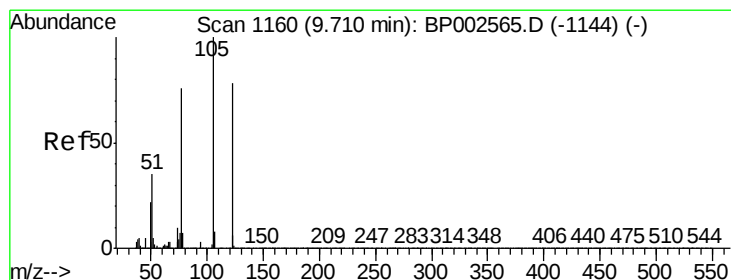
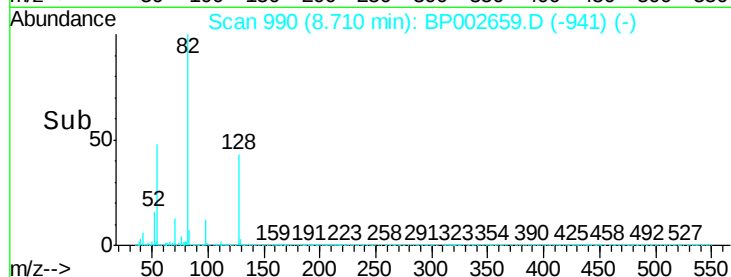
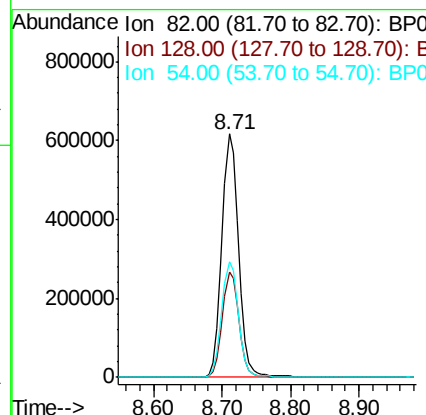
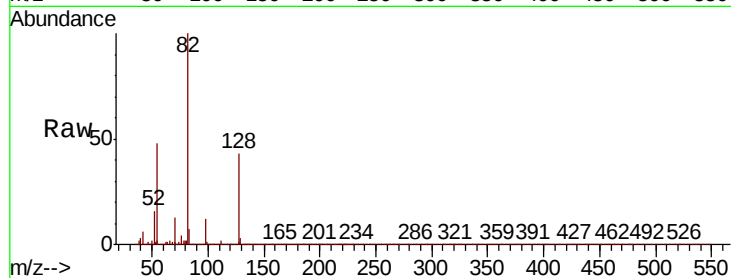




#23
Nitrobenzene-d5
Concen: 64.045 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002659.D
Acq: 07 Jul 2020 15:49

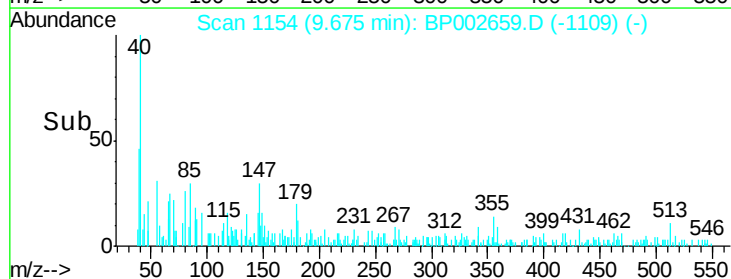
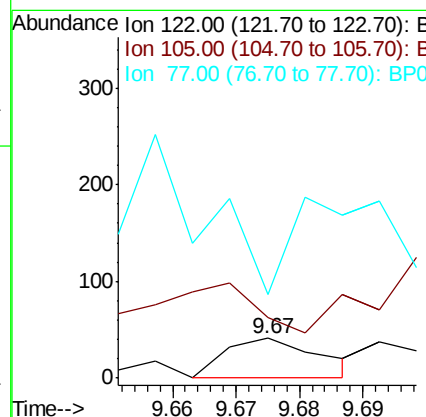
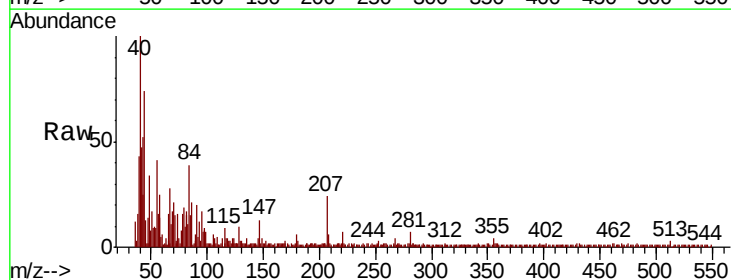
Instrument :
BNA_P
ClientSampleId :
RO-COMP

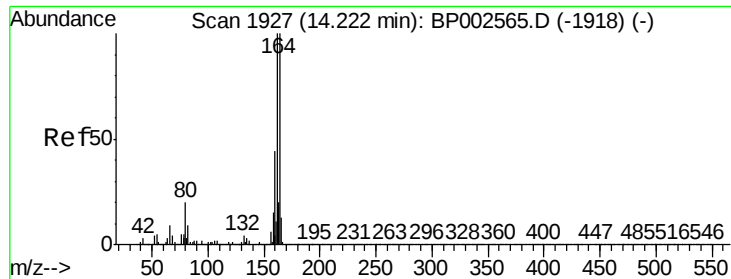
Tot Ion: 82 Resp: 1045917
Ion Ratio Lower Upper
82 100
128 43.1 33.4 50.2
54 47.7 40.1 60.1



#32
Benzoic acid
Concen: 8.703 ng
RT: 9.67 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BP002659.D
Acq: 07 Jul 2020 15:49

Tgt Ion: 122 Resp: 42
Ion Ratio Lower Upper
122 100
105 151.2 106.6 146.6#
77 209.8 76.5 116.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002659.D

Acq: 07 Jul 2020 15:49

Instrument :

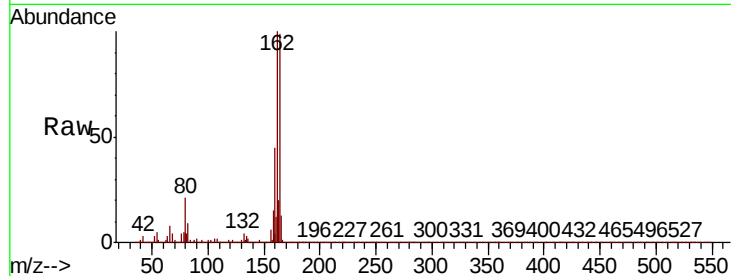
BNA_P

ClientSampleId :

RO-COMP

Tot Ion:164 Resp: 523757

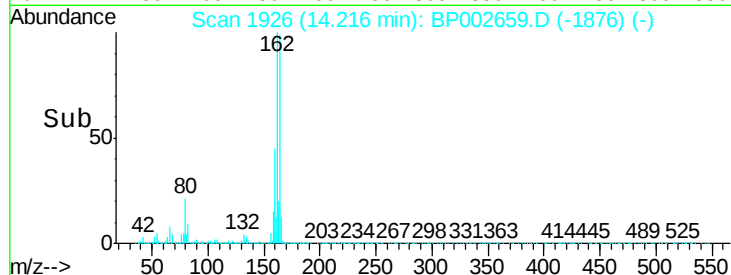
Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	45.2	35.0	52.6



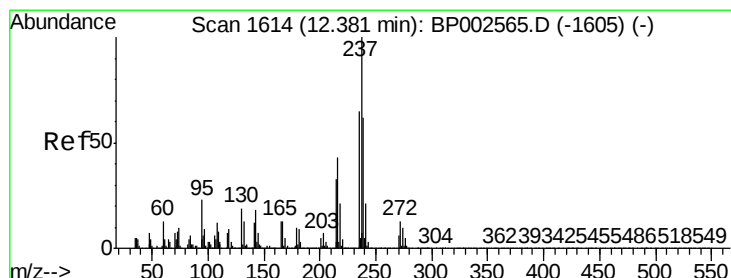
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

Hexachlorocyclopentadiene

Concen: 4.384 ng

RT: 12.50 min Scan# 1635

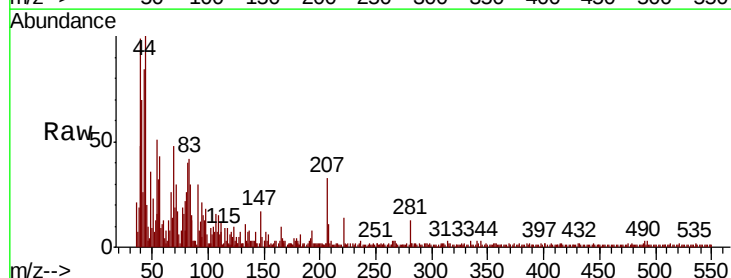
Delta R.T. 0.12 min

Lab File: BP002659.D

Acq: 07 Jul 2020 15:49

Tgt Ion:237 Resp: 23

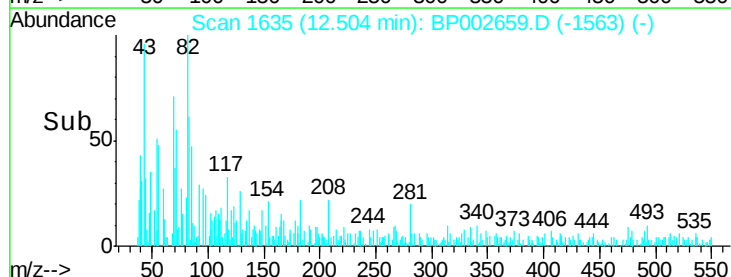
Ion	Ratio	Lower	Upper
237	100		
235	58.6	45.4	85.4
272	0.0	0.0	32.6



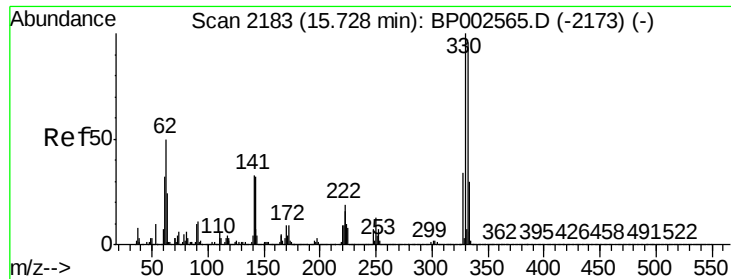
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



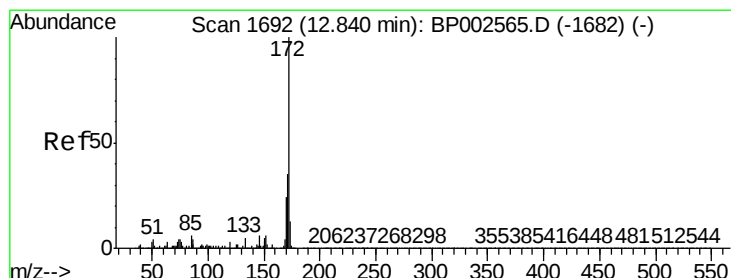
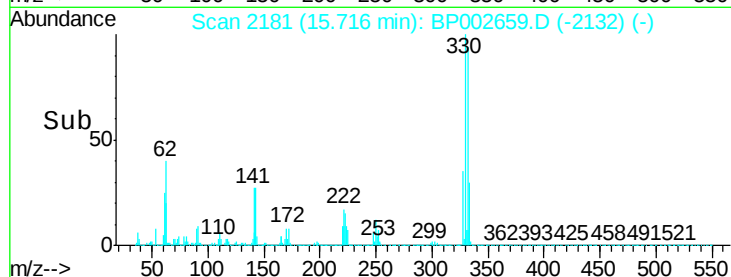
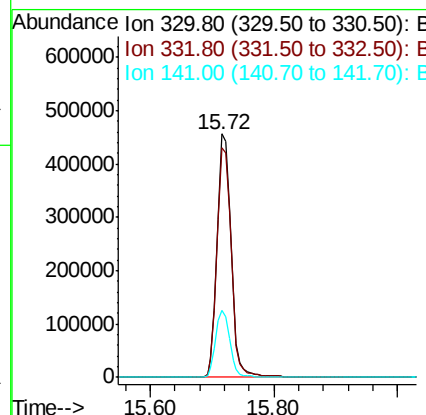
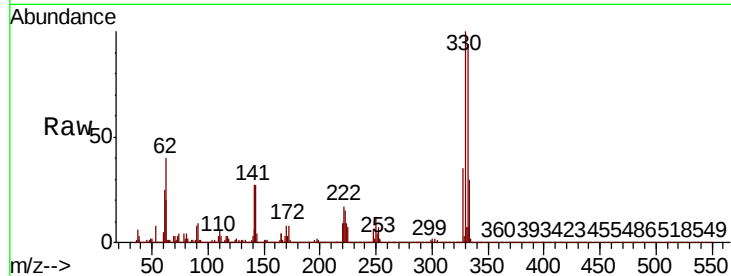
Time-->



#42
 2,4,6-Tribromophenol
 Concen: 111.345 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BP002659.D
 Acq: 07 Jul 2020 15:49

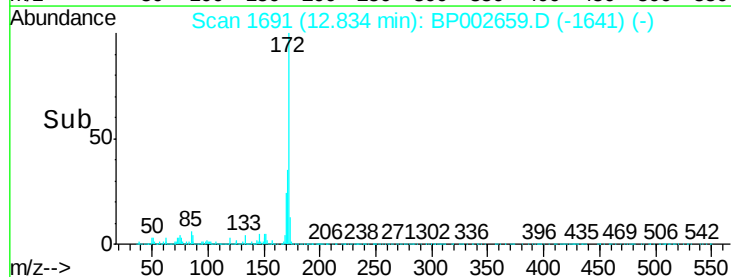
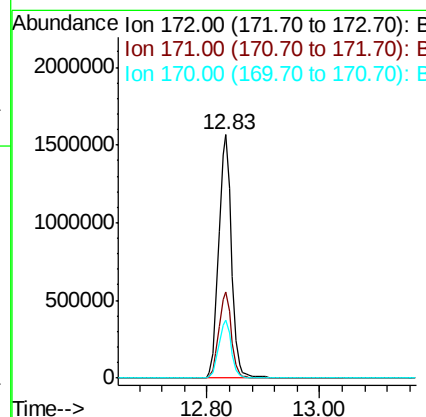
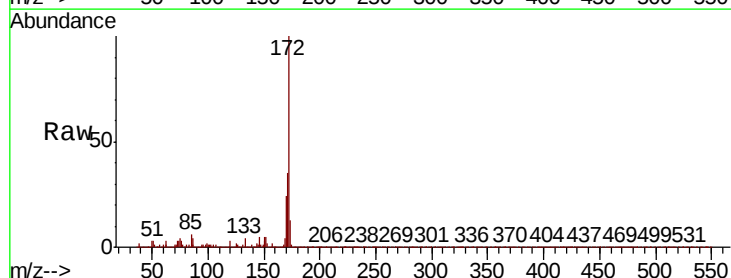
Instrument :
 BNA_P
 ClientSampleId :
 RO-COMP

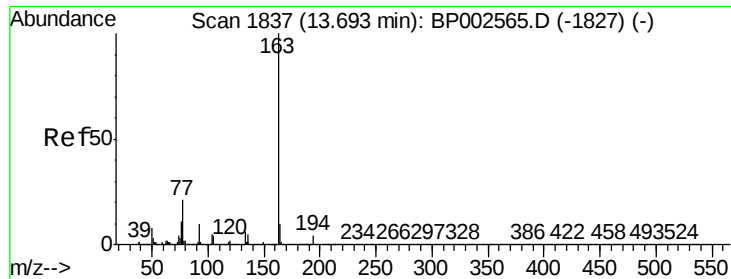
Tot Ion:330 Resp: 709310
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.7 116.5
 141 27.8 29.0 43.6#



#45
 2-Fluorobiphenyl
 Concen: 69.406 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002659.D
 Acq: 07 Jul 2020 15:49

Tgt Ion:172 Resp: 2469836
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.0 42.0
 170 24.0 19.0 28.4





#50

Dimethylphthalate

Concen: 5.361 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002659.D

Acq: 07 Jul 2020 15:49

Instrument :

BNA_P

ClientSampleId :

RO-COMP

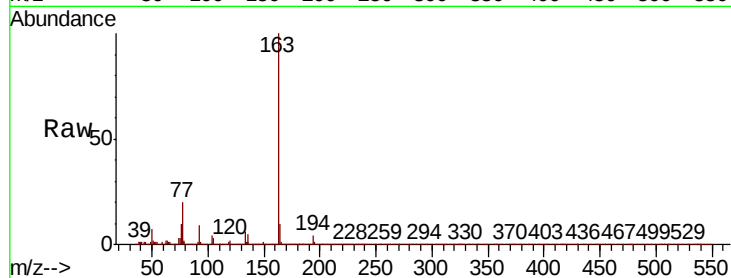
Tot Ion:163 Resp: 220533

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

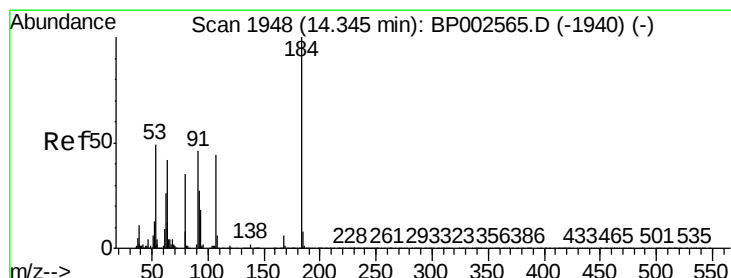
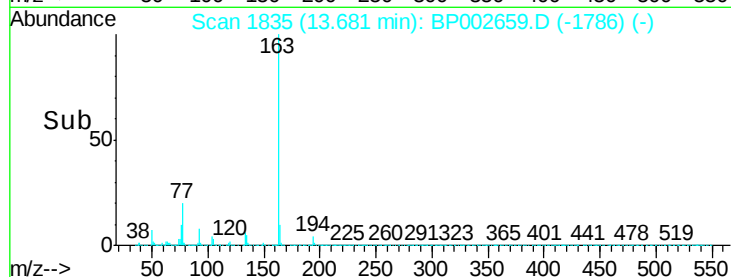
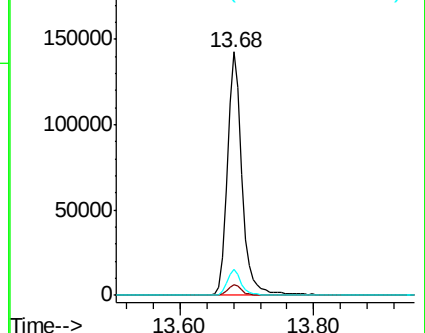
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 6.017 ng

RT: 14.35 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BP002659.D

Acq: 07 Jul 2020 15:49

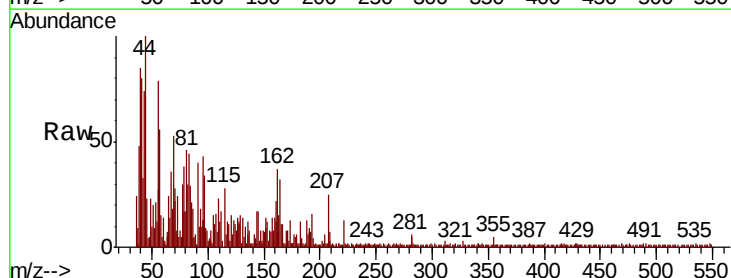
Tgt Ion:184 Resp: 49

Ion Ratio Lower Upper

184 100

63 288.5 56.2 84.2#

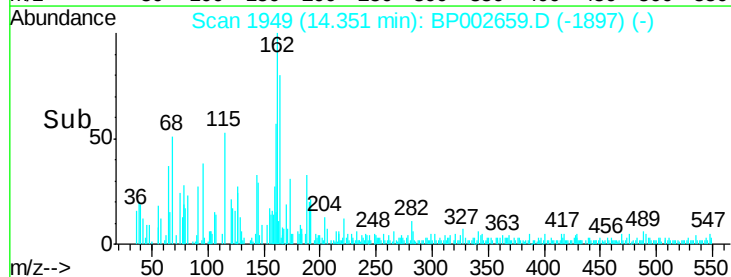
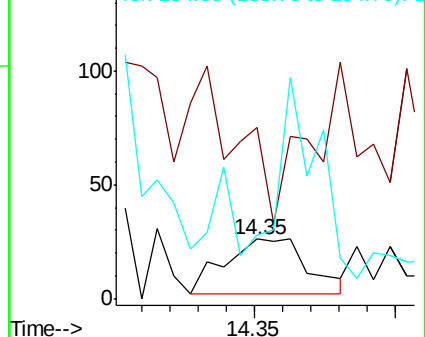
154 107.7 50.9 76.3#

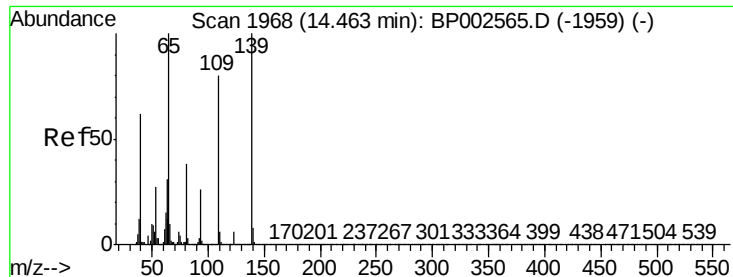


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

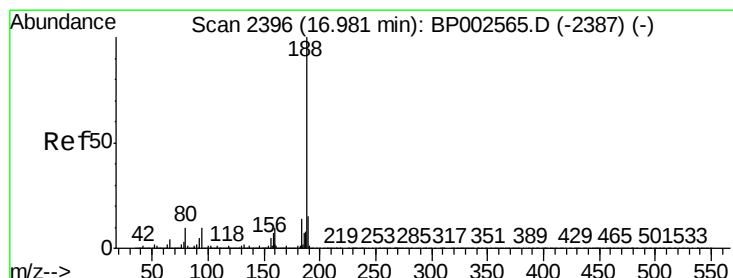
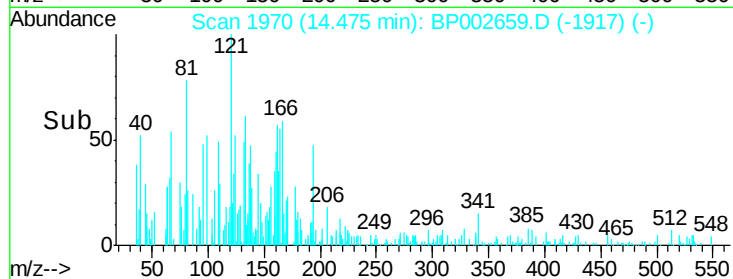
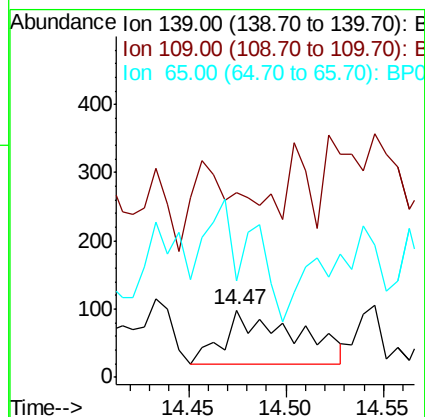
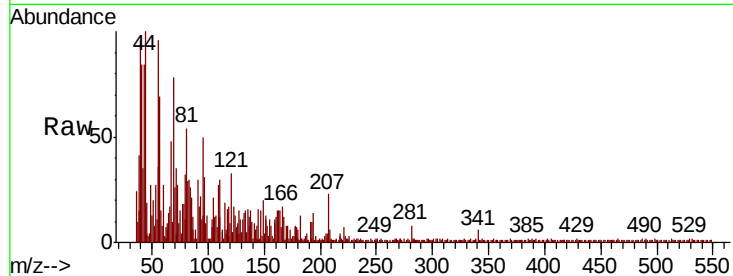




#56
4-Nitrophenol
Concen: 2.461 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BP002659.D
Acq: 07 Jul 2020 15:49

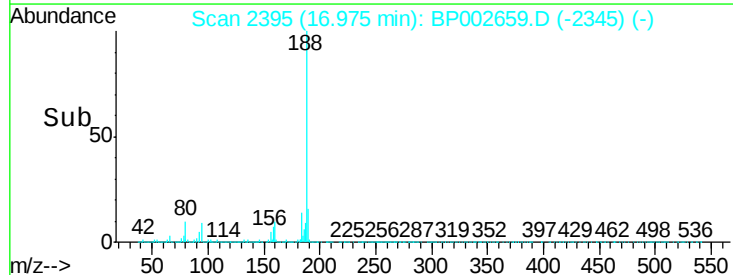
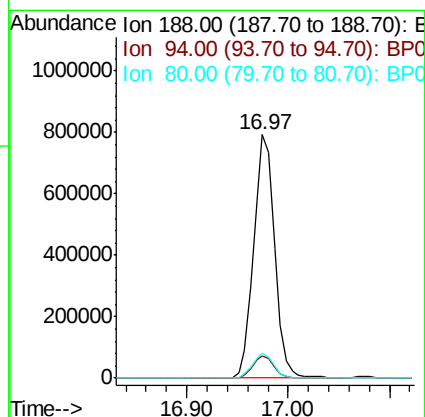
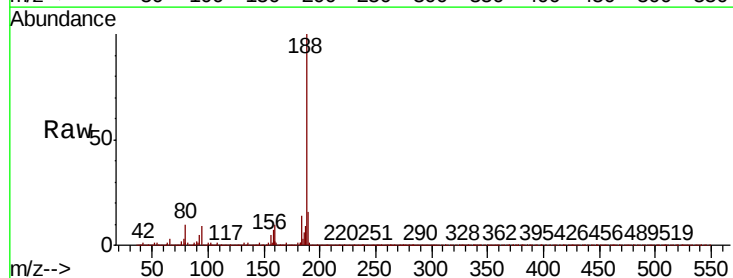
Instrument :
BNA_P
ClientSampled :
RO-COMP

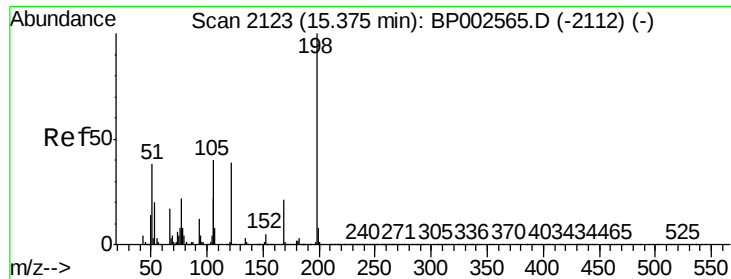
Tot Ion:139 Resp: 195
Ion Ratio Lower Upper
139 100
109 276.5 60.1 100.1#
65 143.9 80.3 120.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002659.D
Acq: 07 Jul 2020 15:49

Tgt Ion:188 Resp: 1135843
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.3 8.2 12.4

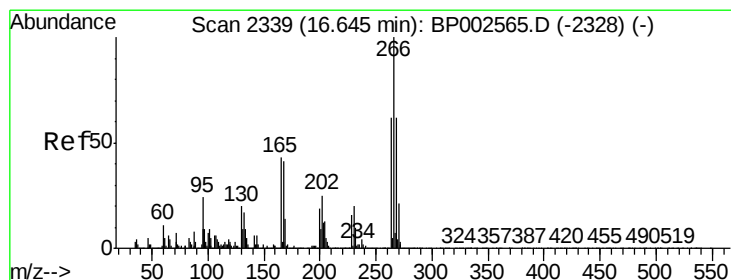
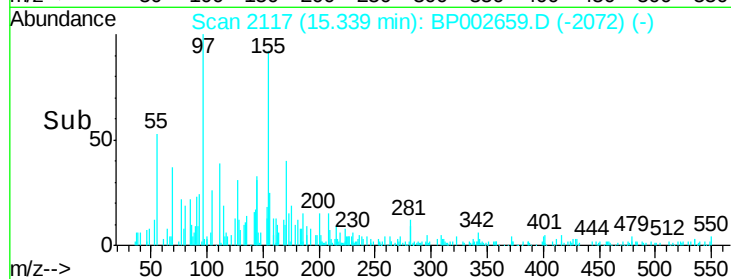
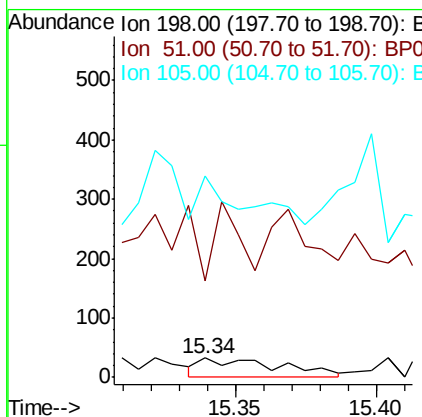
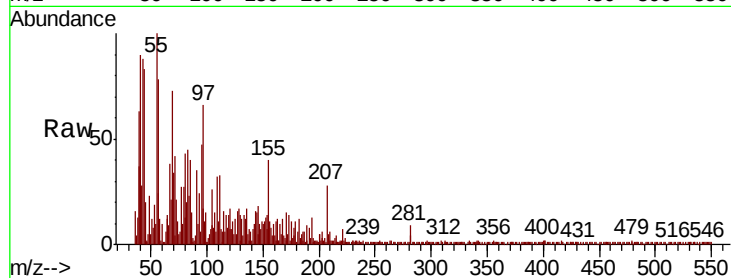




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.718 ng
 RT: 15.34 min Scan# 2117
 Delta R.T. -0.03 min
 Lab File: BP002659.D
 Acq: 07 Jul 2020 15:49

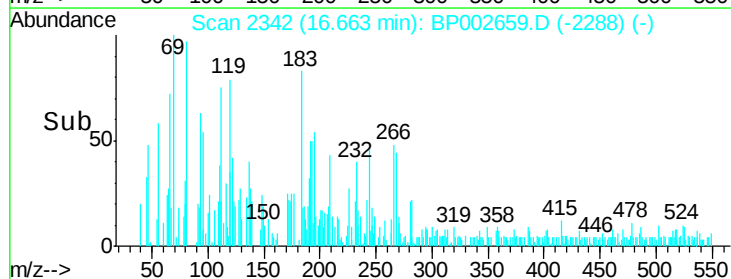
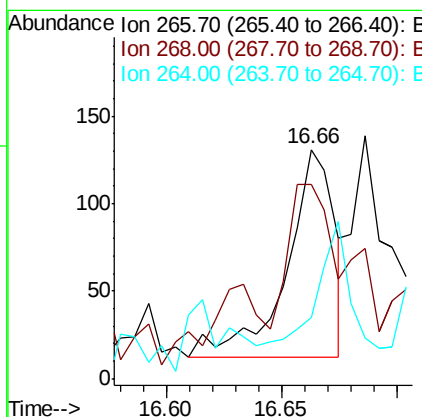
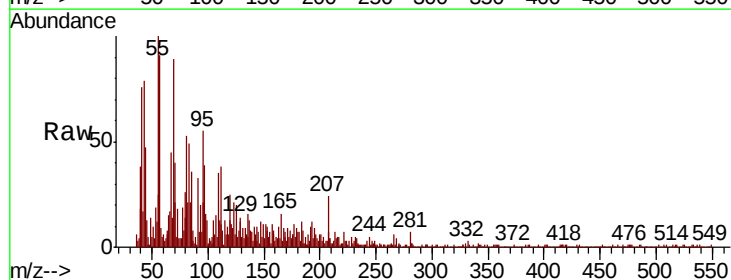
Instrument :
 BNA_P
 ClientSampleId :
 RO-COMP

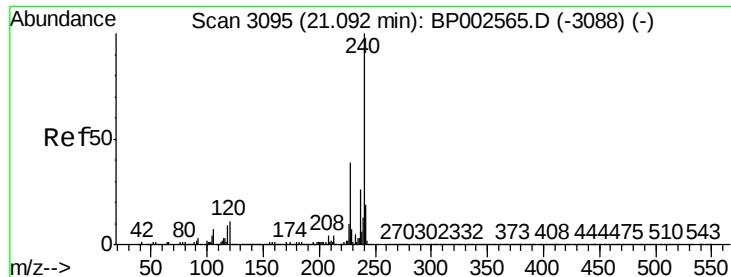
Tot Ion:198 Resp: 65
 Ion Ratio Lower Upper
 198 100
 51 490.9 24.2 64.2#
 105 1027.3 20.7 60.7#



#70
 Pentachlorophenol
 Concen: 2.683 ng
 RT: 16.66 min Scan# 2342
 Delta R.T. 0.02 min
 Lab File: BP002659.D
 Acq: 07 Jul 2020 15:49

Tgt Ion:266 Resp: 173
 Ion Ratio Lower Upper
 266 100
 268 84.7 49.7 74.5#
 264 26.7 49.3 73.9#

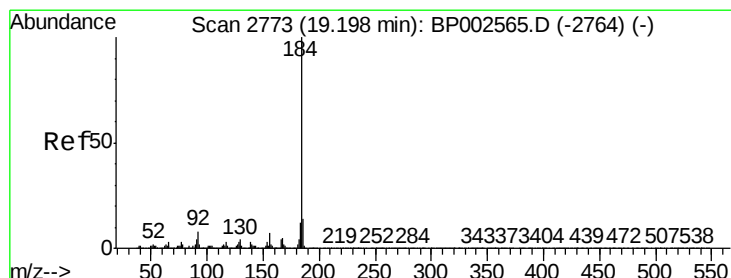
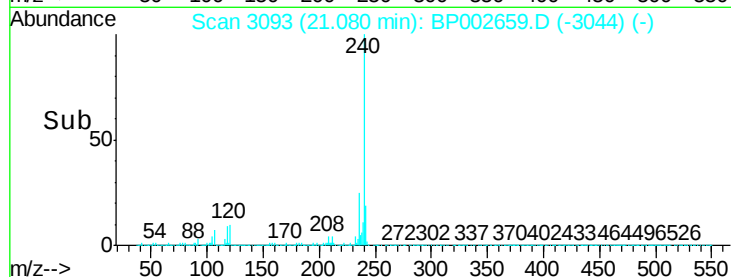
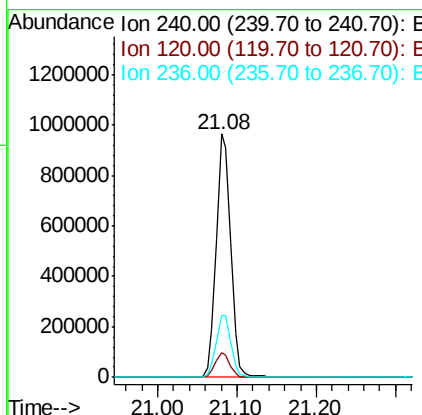
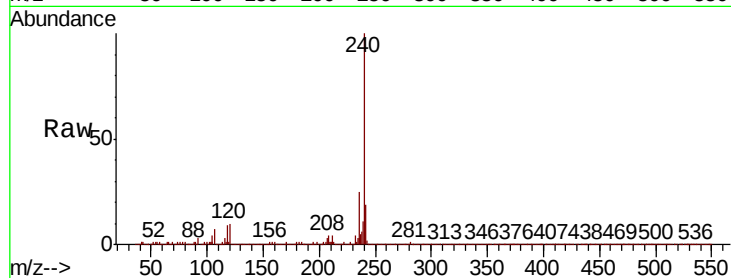




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002659.D
Acq: 07 Jul 2020 15:49

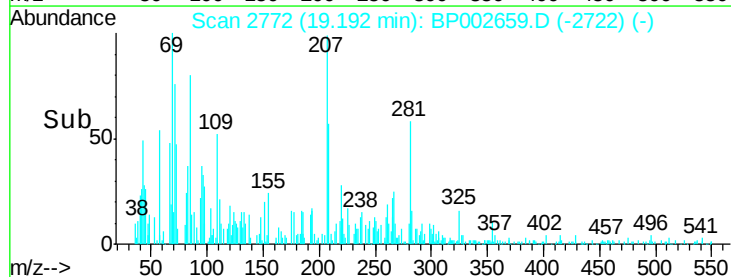
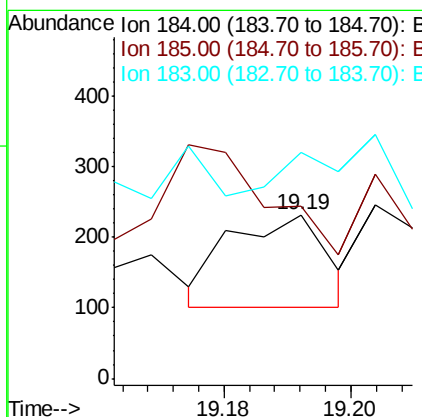
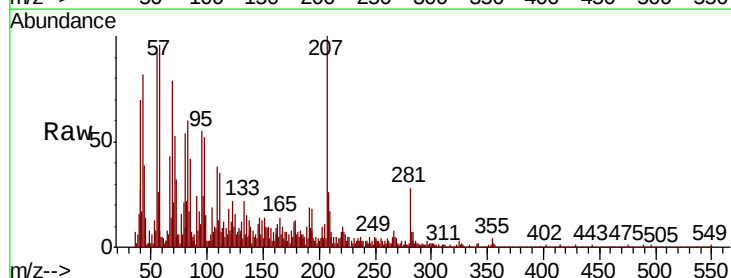
Instrument :
BNA_P
ClientSampleId :
RO-COMP

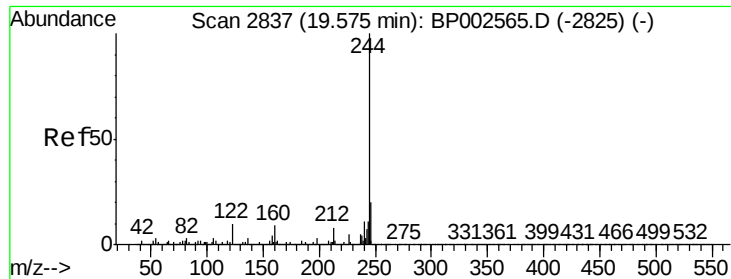
Tot Ion:240 Resp: 1223386
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 25.4 20.8 31.2



#77
Benzidine
Concen: 3.759 ng
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BP002659.D
Acq: 07 Jul 2020 15:49

Tgt Ion:184 Resp: 139
Ion Ratio Lower Upper
184 100
185 105.6 11.4 17.2#
183 137.9 9.2 13.8#

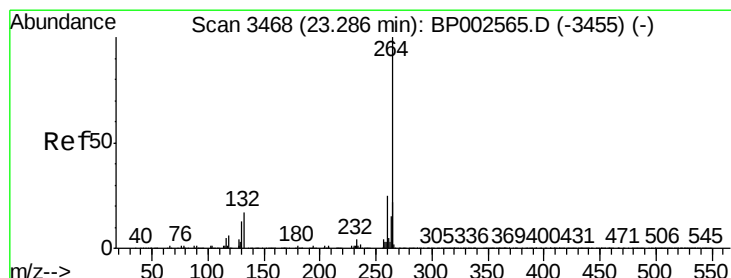
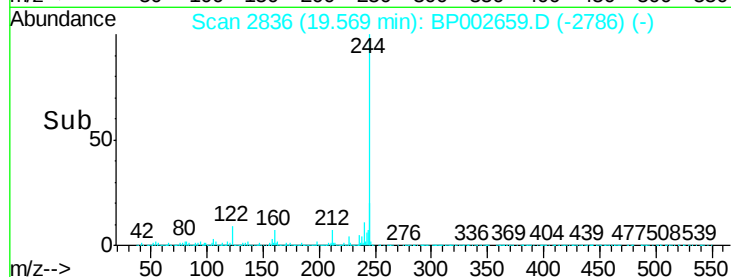
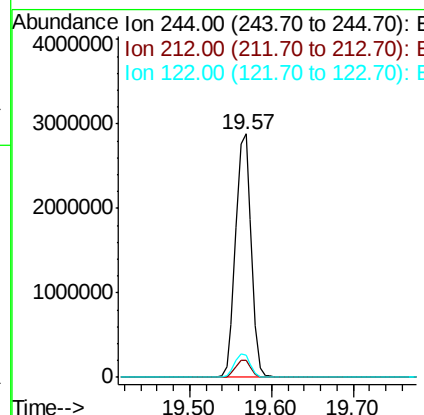
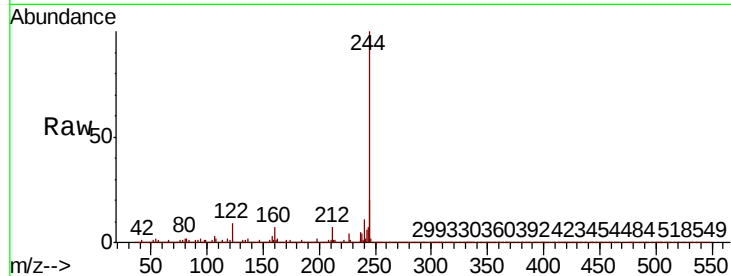




#79
 Terphenyl-d14
 Concen: 67.763 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BP002659.D
 Acq: 07 Jul 2020 15:49

Instrument :
 BNA_P
 ClientSampleId :
 RO-COMP

Tot Ion:244 Resp: 3840663
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 9.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.27 min Scan# 3466
 Delta R.T. -0.01 min
 Lab File: BP002659.D
 Acq: 07 Jul 2020 15:49

Tgt Ion:264 Resp: 1307277
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 21.6 17.6 26.4

