

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002683.D
 Acq On : 08 Jul 2020 19:43
 Operator : CG/JU
 Sample : L3203-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-06

Quant Time: Jul 09 00:37:47 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

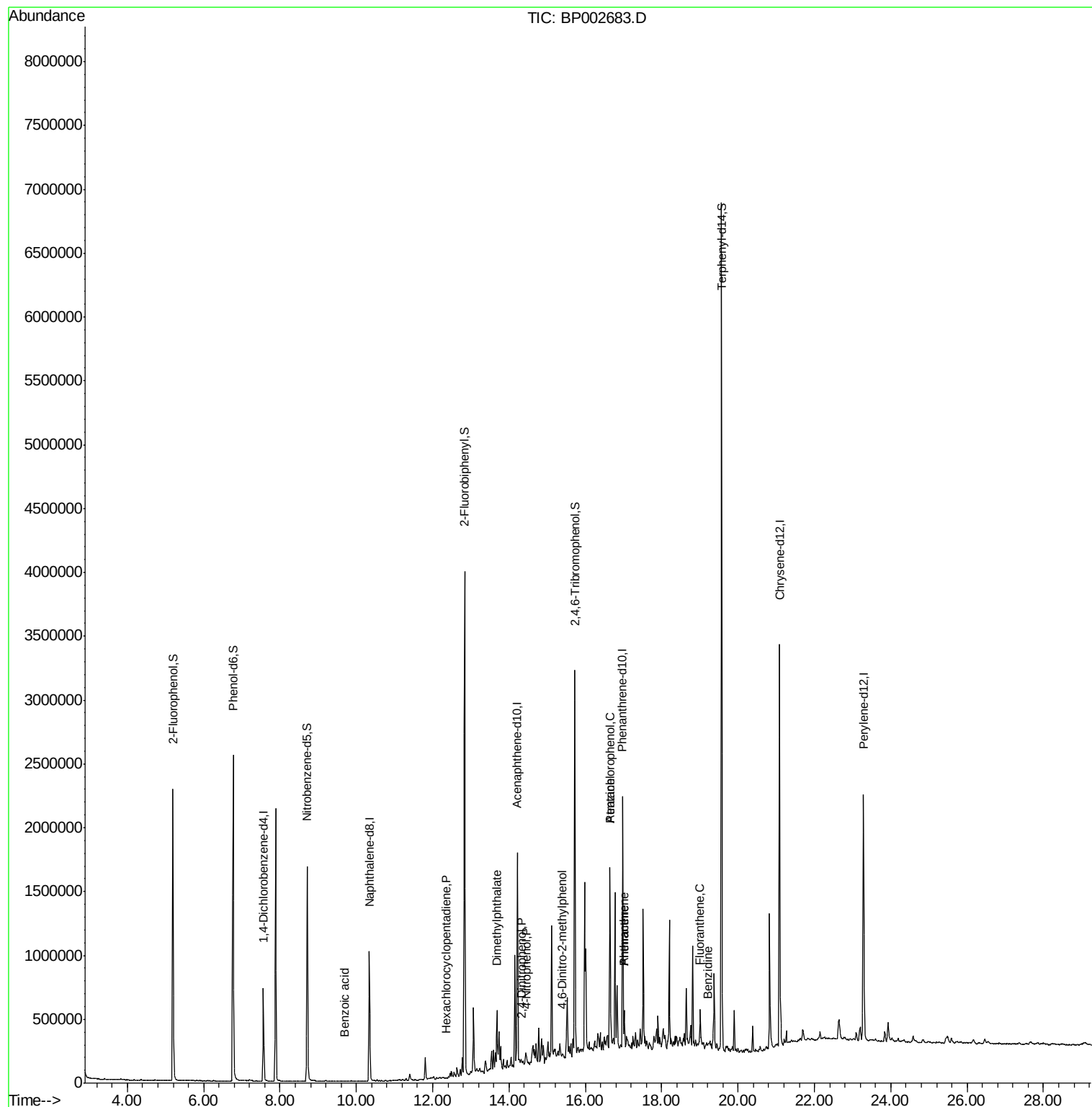
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	204850	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	865394	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	551707	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1176229	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1389132	20.00	ng	0.00
86) Perylene-d12	23.28	264	1292922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1085337	89.70	ng	0.00
7) Phenol-d6	6.77	99	1629335	96.48	ng	0.00
23) Nitrobenzene-d5	8.71	82	1028461	61.23	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	561436	83.67	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2210741	58.98	ng	0.00
79) Terphenyl-d14	19.57	244	3411108	53.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	158	Below Cal		Qvalue # 55
32) Benzoic acid	9.70	122	16	8.701 ng	#	1
41) Hexachlorocyclopentadiene	12.35	237	16	4.383 ng		78
50) Dimethylphthalate	13.68	163	319585	7.375 ng		99
54) 2,4-Dinitrophenol	14.34	184	37	6.015 ng	#	1
56) 4-Nitrophenol	14.45	139	4034	2.922 ng	#	34
65) 4,6-Dinitro-2-methylphenol	15.39	198	93	2.721 ng	#	1
69) Atrazine	16.64	200	53658	4.870 ng	#	38
70) Pentachlorophenol	16.65	266	291467	37.480 ng		98
71) Phenanthrene	17.02	178	150844	2.384 ng		98
72) Anthracene	17.02	178	150844	2.395 ng		97
75) Fluoranthene	19.00	202	171405	2.238 ng		96
77) Benzidine	19.21	184	123	3.758 ng	#	1

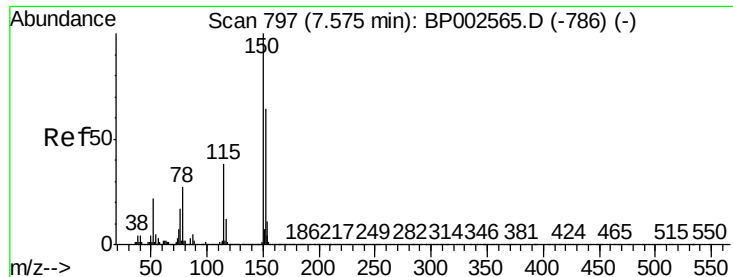
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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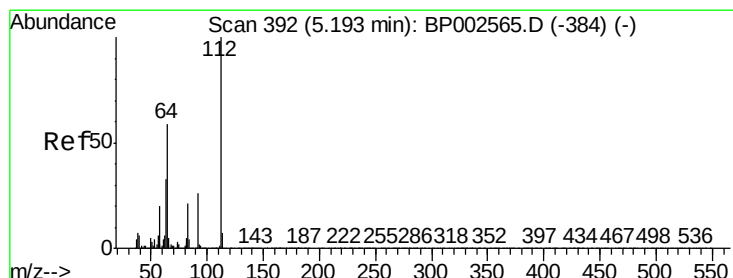
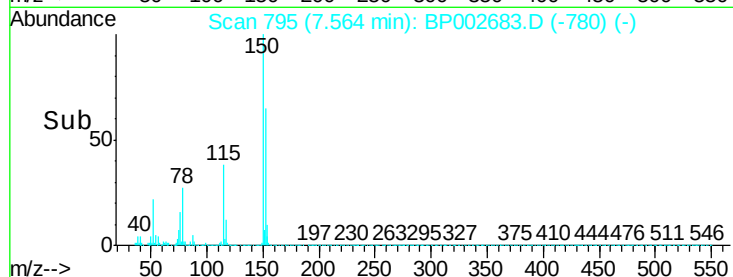
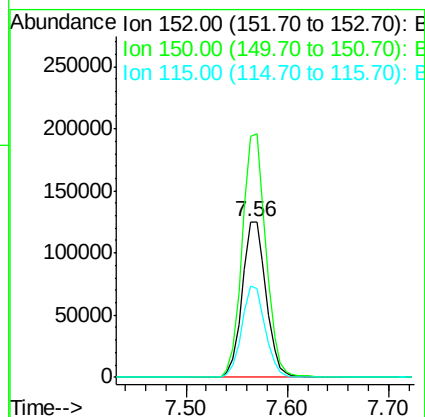
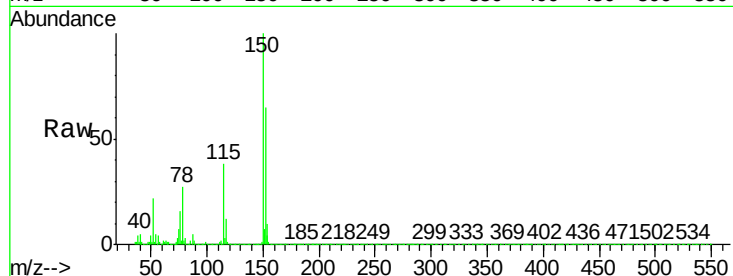


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Instrument :
BNA_P
ClientSampled :
RO-06

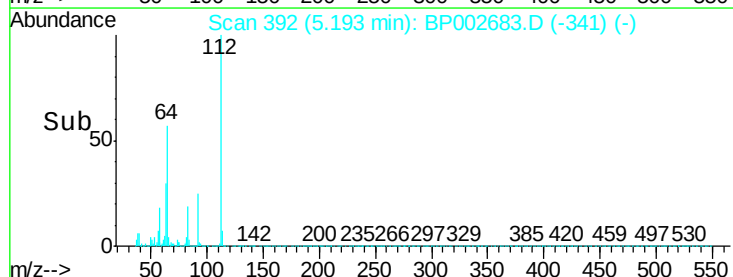
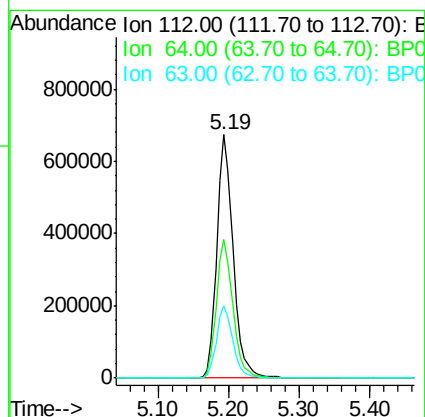
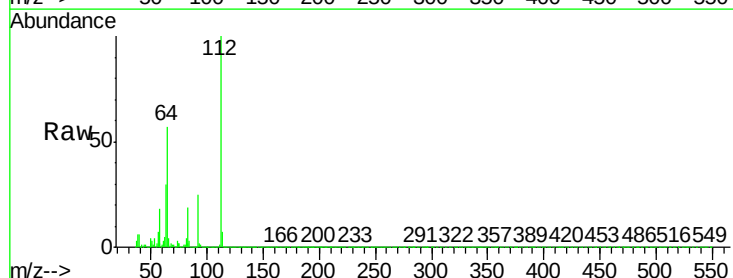
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	58.2	47.1	70.7

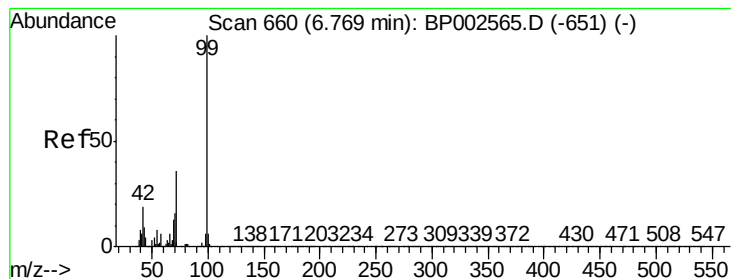


#5

2-Fluorophenol
Concen: 89.705 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.0	70.6
63	29.8	26.1	39.1





#7

Phenol-d6

Concen: 96.484 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

Instrument :

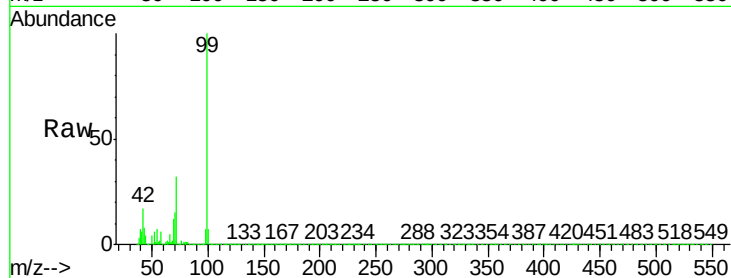
BNA_P

ClientSampleId :

RO-06

Tot Ion: 99 Resp: 1629335

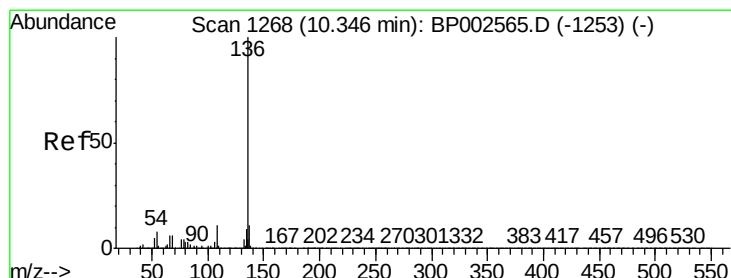
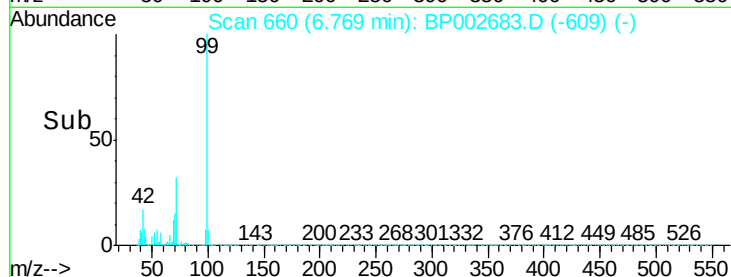
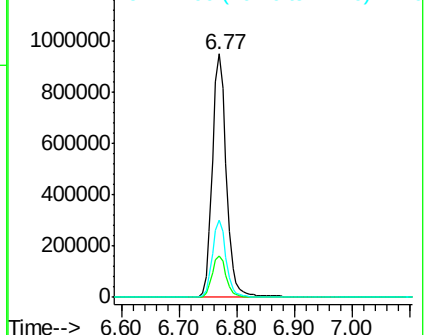
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.5	23.3
71	31.9	28.9	43.3



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: BP002683.D

Acq: 08 Jul 2020 19:43

Tgt Ion: 136 Resp: 865394

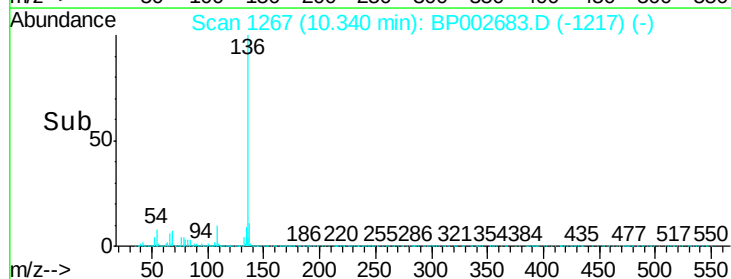
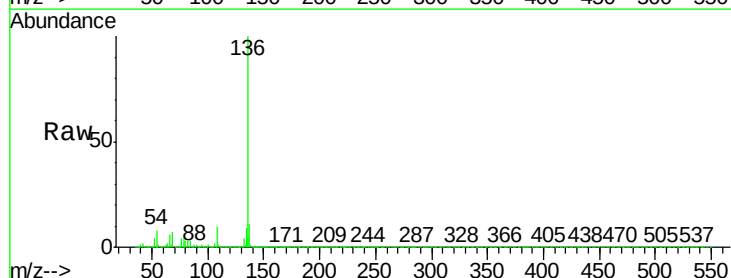
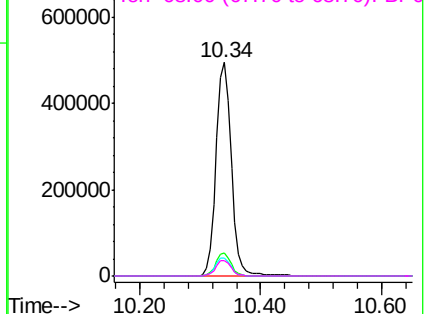
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.5	6.4	9.6
68	7.1	5.1	7.7

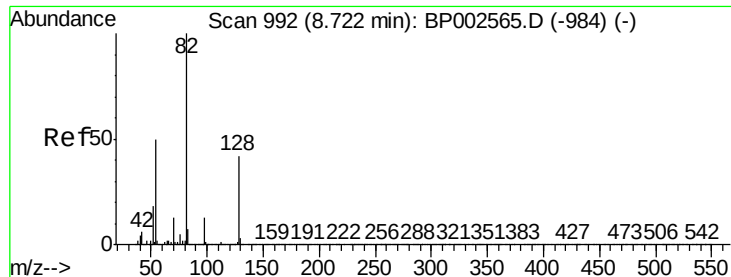
Abundance Ion 136.00 (135.70 to 136.70): E

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

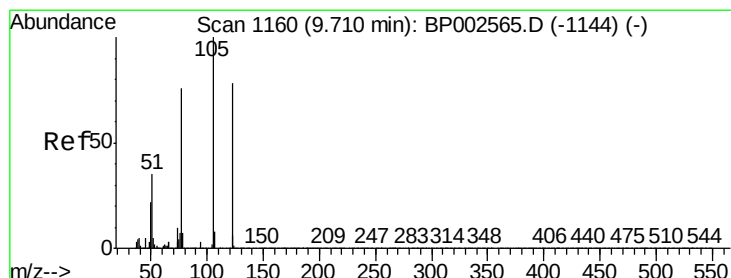
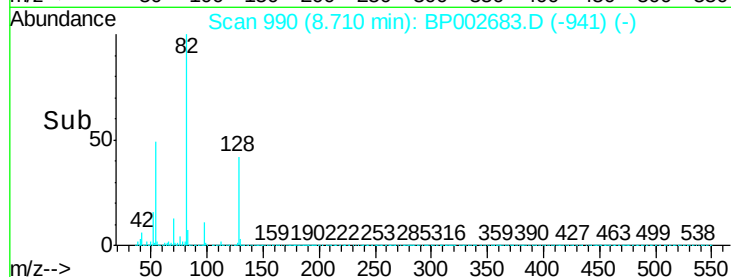
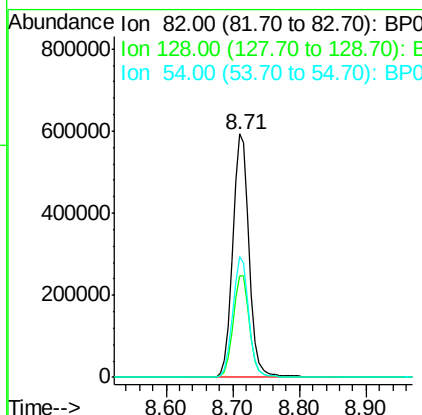
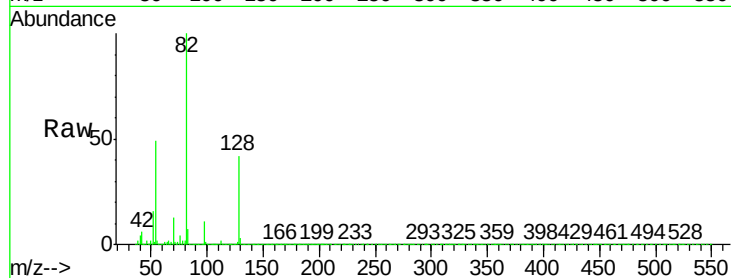




#23
 Nitrobenzene-d5
 Concen: 61.234 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

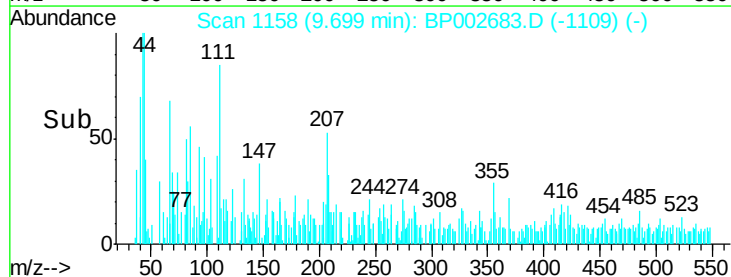
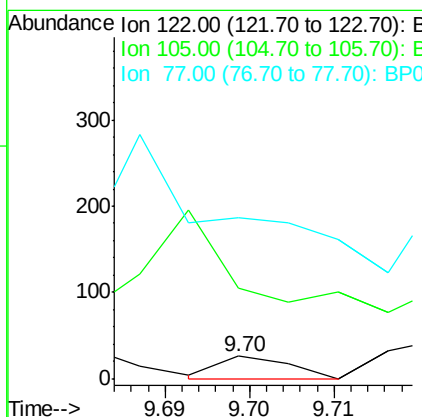
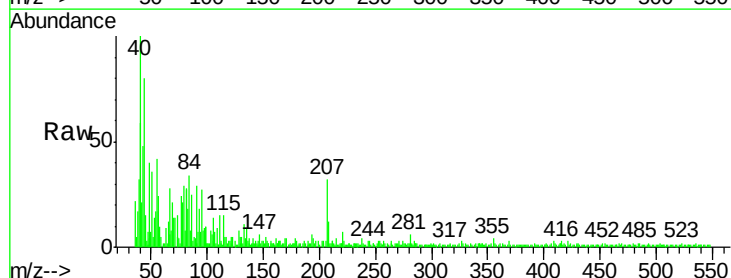
Instrument :
 BNA_P
 ClientSampleId :
 RO-06

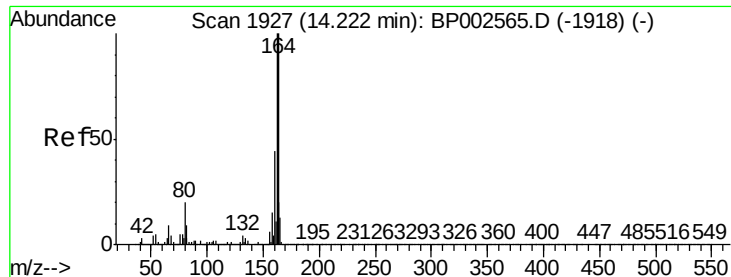
Tot Ion: 82 Resp: 1028461
 Ion Ratio Lower Upper
 82 100
 128 41.7 33.4 50.2
 54 49.5 40.1 60.1



#32
 Benzoic acid
 Concen: 8.701 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

Tgt Ion: 122 Resp: 16
 Ion Ratio Lower Upper
 122 100
 105 403.8 106.6 146.6#
 77 719.2 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: BP002683.D

Acq: 08 Jul 2020 19:43

Instrument :

BNA_P

ClientSampleId :

RO-06

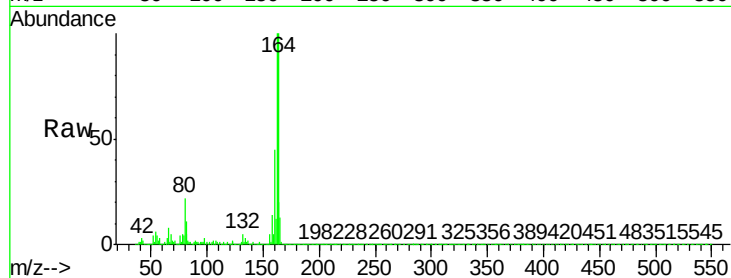
Tot Ion:164 Resp: 551707

Ion Ratio Lower Upper

164 100

162 99.8 80.3 120.5

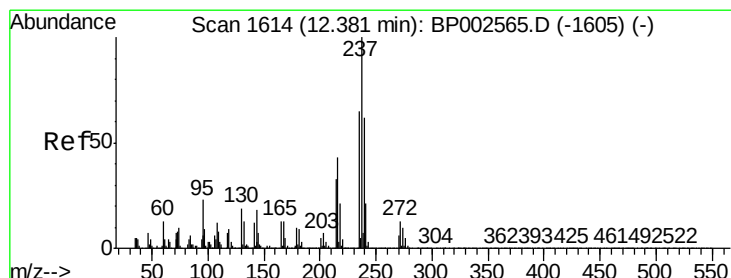
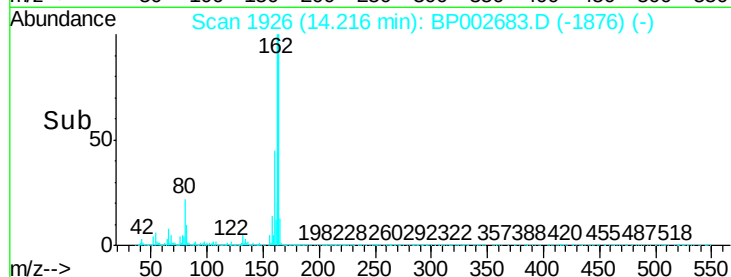
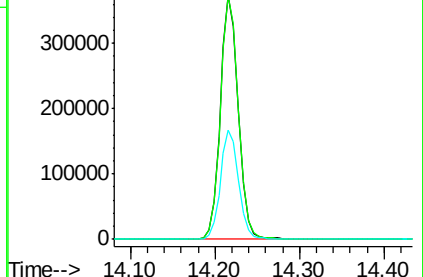
160 44.9 35.0 52.6



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



#41

Hexachlorocyclopentadiene

Concen: 4.383 ng

RT: 12.35 min Scan# 1608

Delta R.T. -0.03 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

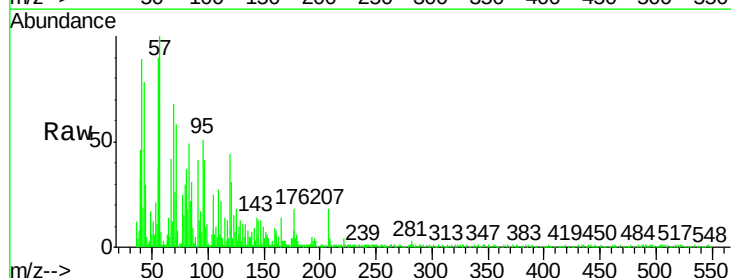
Tgt Ion:237 Resp: 16

Ion Ratio Lower Upper

237 100

235 81.3 45.4 85.4

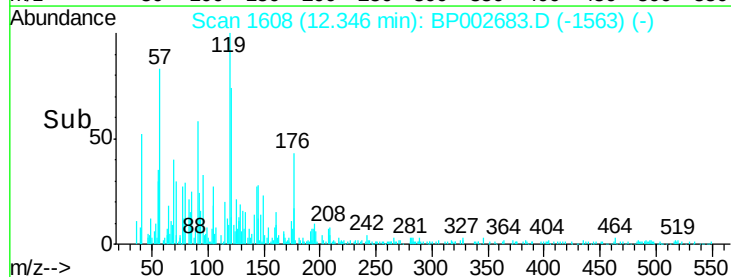
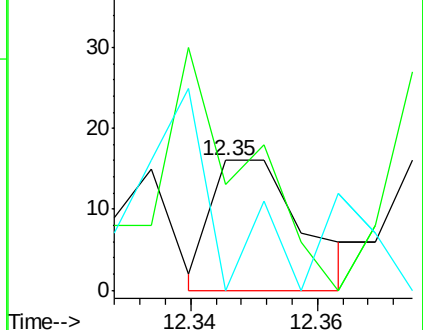
272 0.0 0.0 32.6

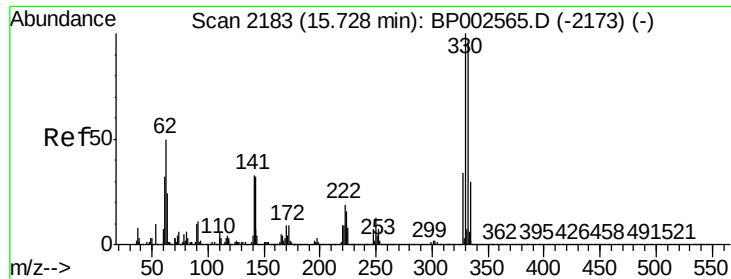


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

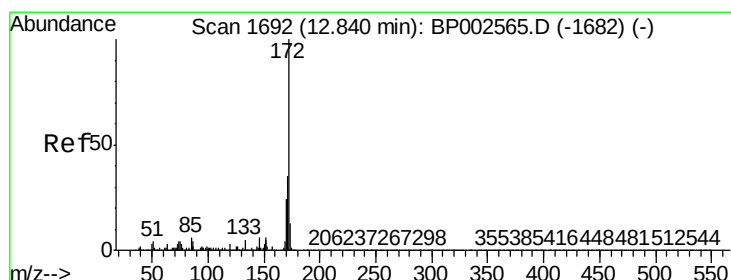
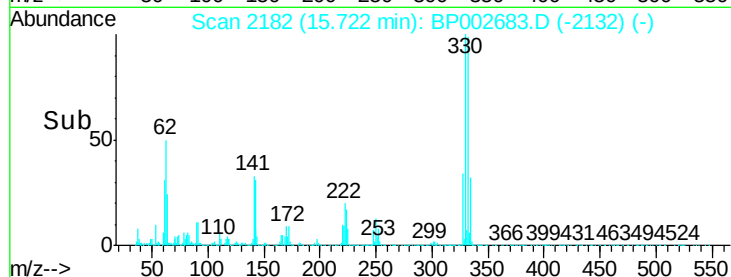
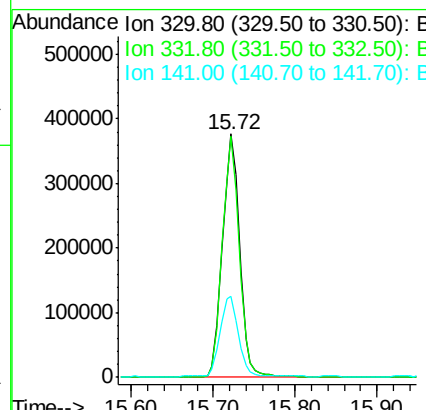
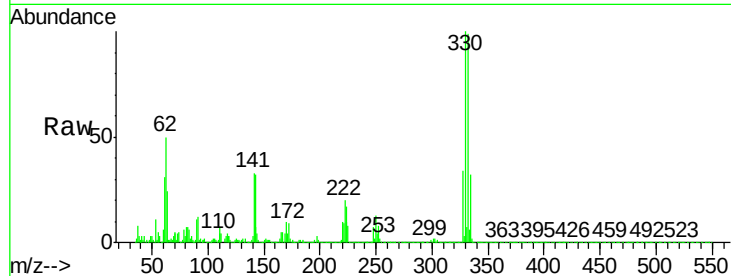




#42
 2,4,6-Tribromophenol
 Concen: 83.668 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

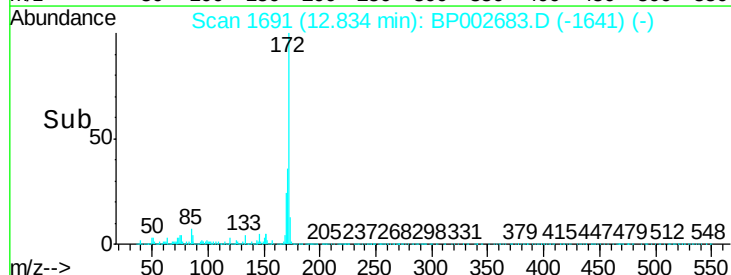
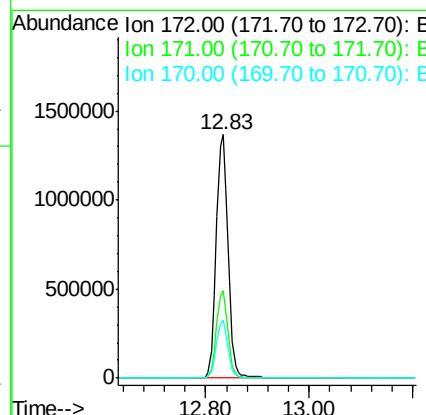
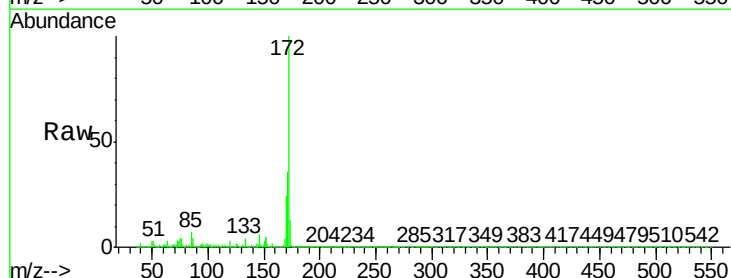
Instrument :
 BNA_P
 ClientSampleId :
 RO-06

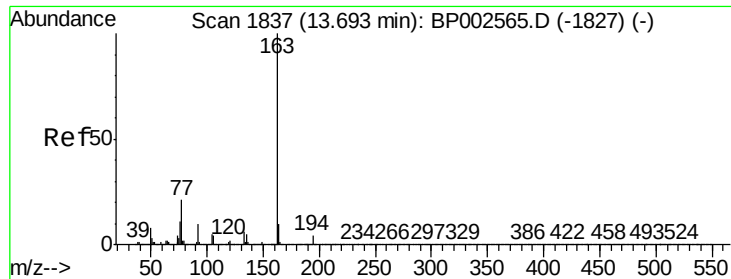
Tot Ion:330 Resp: 561436
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.7 116.5
 141 34.0 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 58.978 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

Tgt Ion:172 Resp: 2210741
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.0 42.0
 170 23.6 19.0 28.4





#50

Dimethylphthalate

Concen: 7.375 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

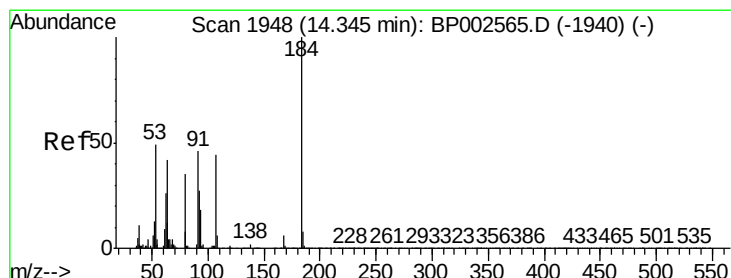
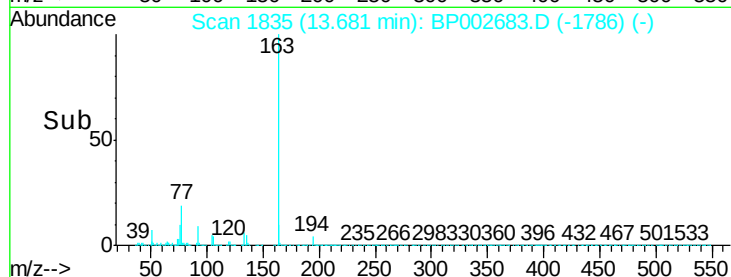
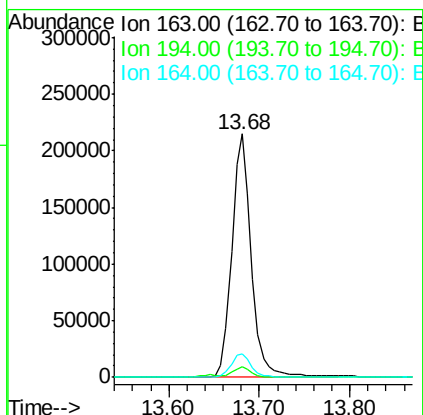
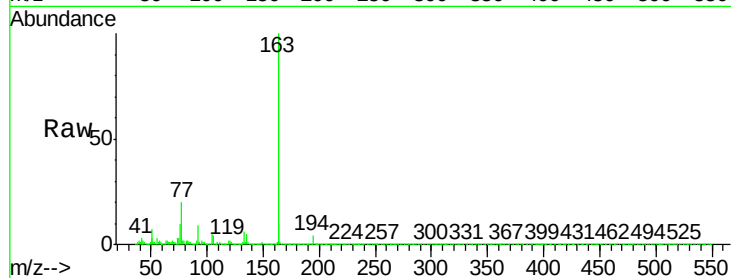
Instrument :

BNA_P

ClientSampled :

RO-06

Tot Ion:	163	Resp:	319585
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	8.2	12.4



#54

2,4-Dinitrophenol

Concen: 6.015 ng

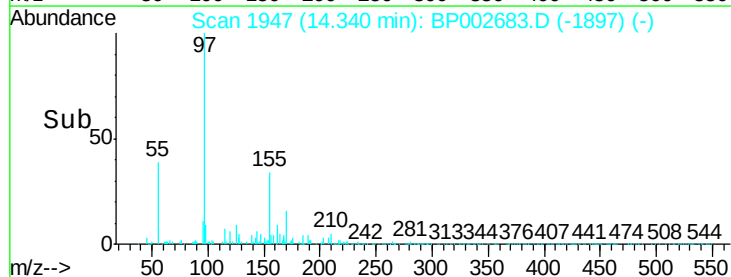
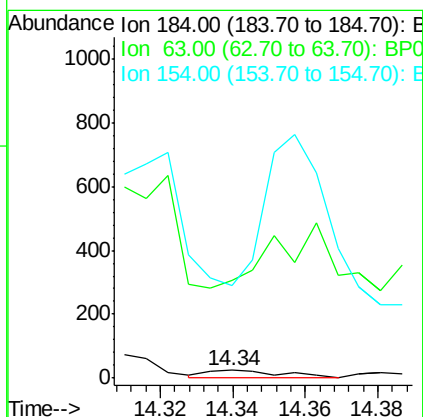
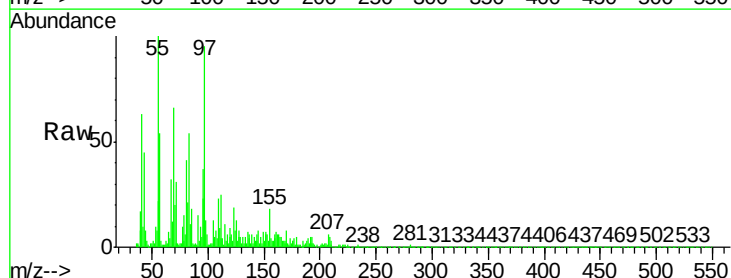
RT: 14.34 min Scan# 1947

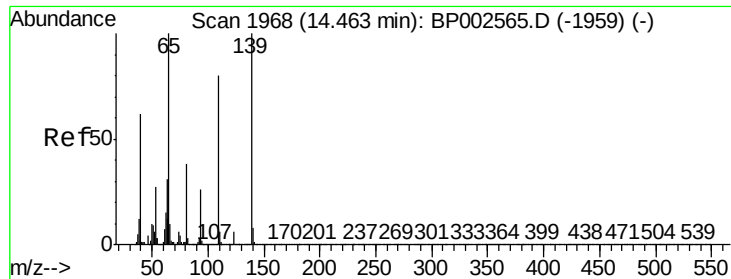
Delta R.T. -0.01 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

Tgt Ion:	184	Resp:	37
Ion	Ratio	Lower	Upper
184	100		
63	1270.8	56.2	84.2#
154	1204.2	50.9	76.3#

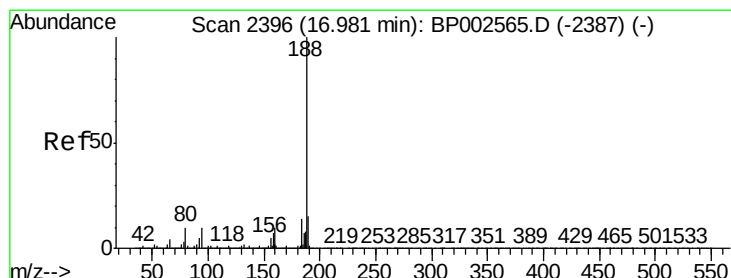
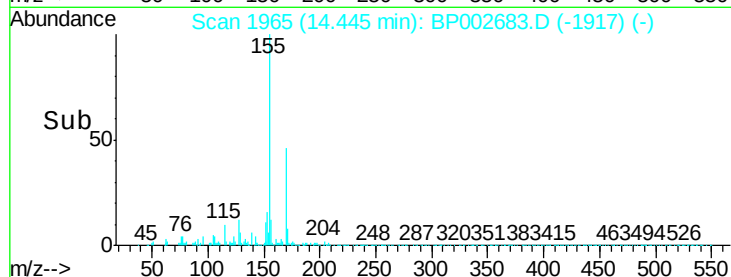
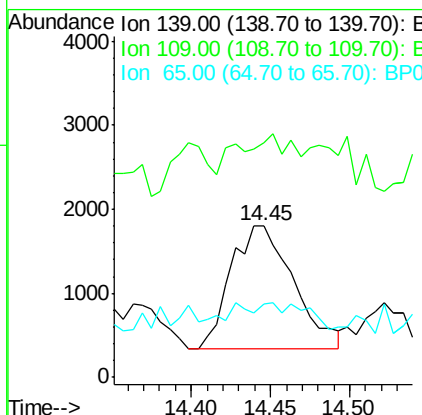
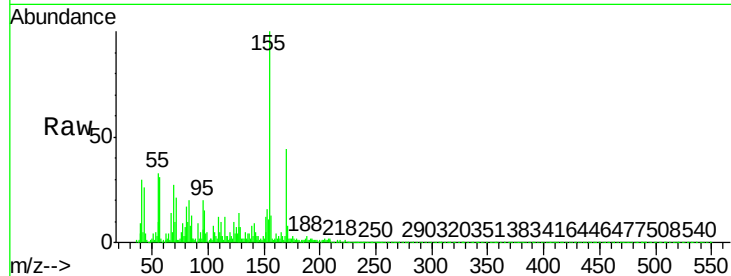




#56
4-Nitrophenol
Concen: 2.922 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

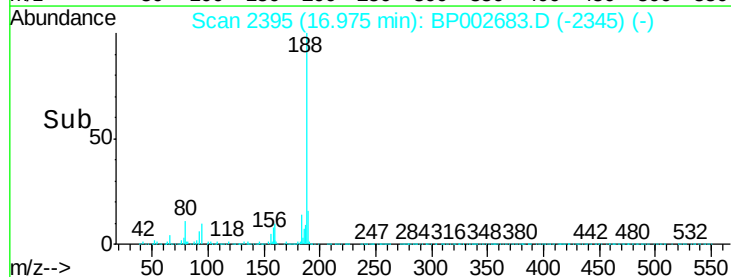
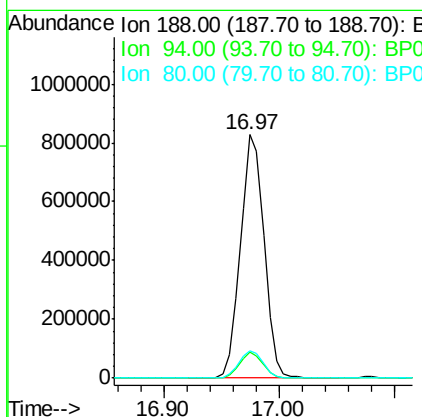
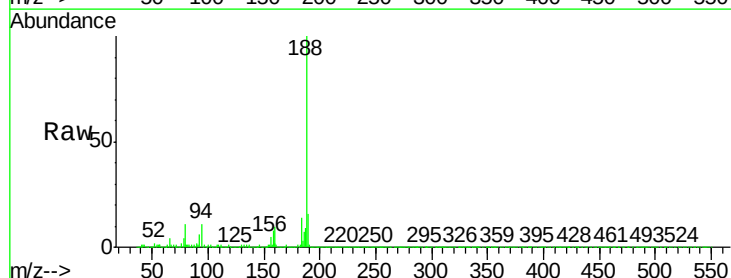
Instrument :
BNA_P
ClientSampleId :
RO-06

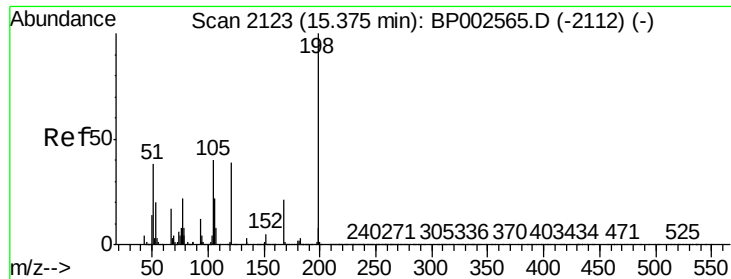
Tot Ion:139 Resp: 4034
Ion Ratio Lower Upper
139 100
109 154.4 60.1 100.1#
65 48.5 80.3 120.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Tgt Ion:188 Resp: 1176229
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.4 8.2 12.4

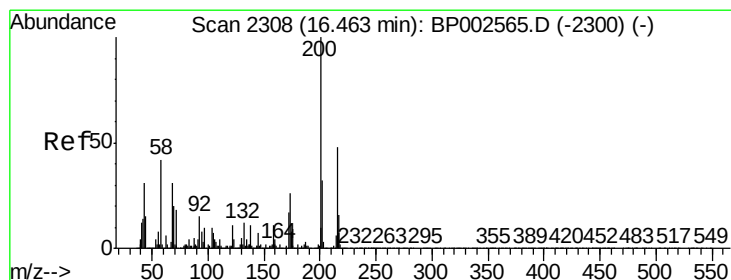
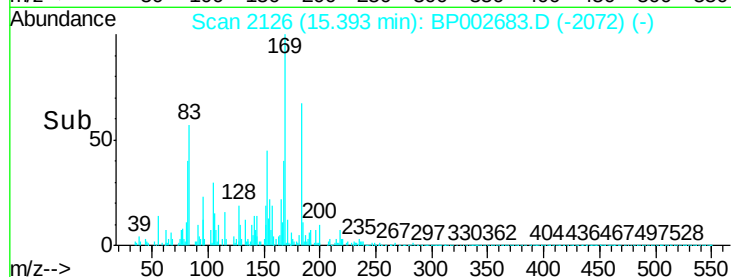
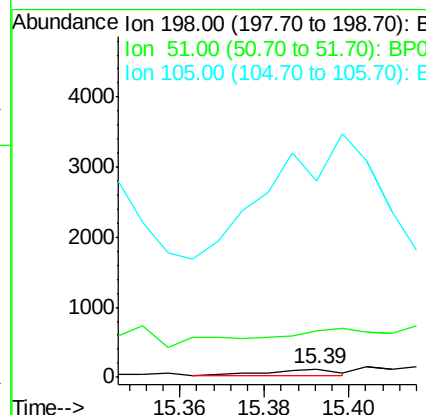
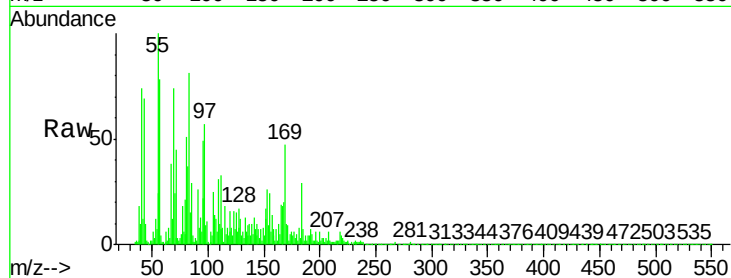




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.721 ng
 RT: 15.39 min Scan# 2126
 Delta R.T. 0.02 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

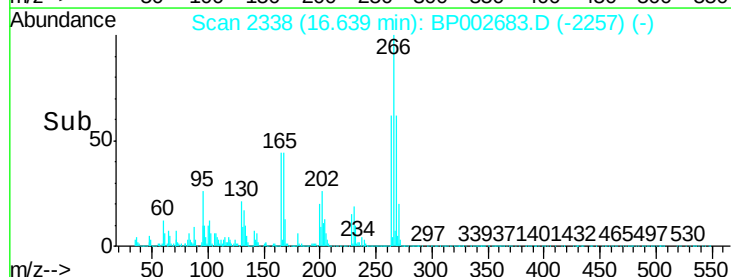
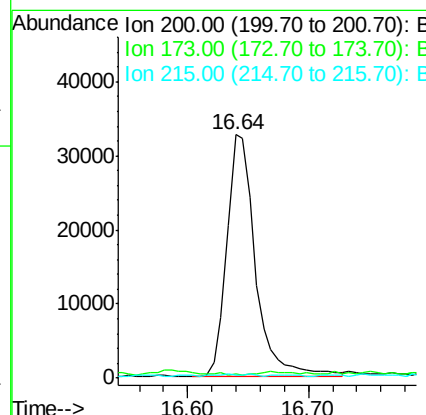
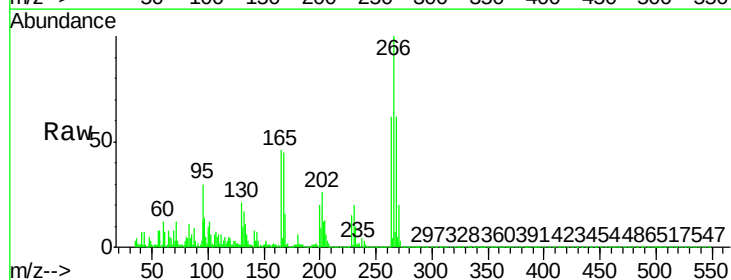
Instrument :
 BNA_P
 ClientSampled :
 RO-06

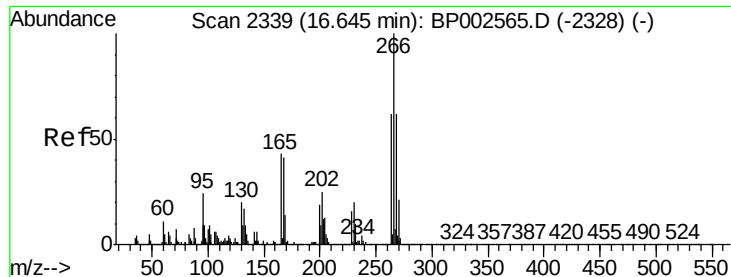
Tot Ion:198 Resp: 93
 Ion Ratio Lower Upper
 198 100
 51 546.7 24.2 64.2#
 105 2335.0 20.7 60.7#



#69
 Atrazine
 Concen: 4.870 ng
 RT: 16.64 min Scan# 2338
 Delta R.T. 0.18 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

Tgt Ion:200 Resp: 53658
 Ion Ratio Lower Upper
 200 100
 173 1.8 6.3 46.3#
 215 1.2 28.3 68.3#

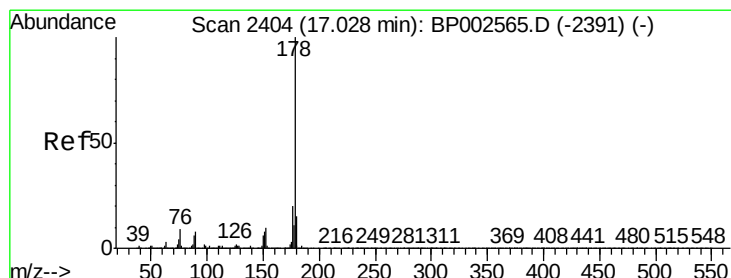
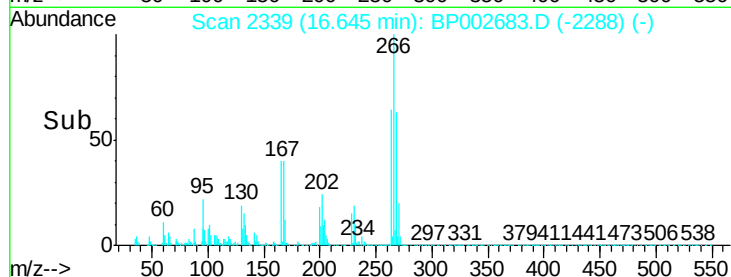
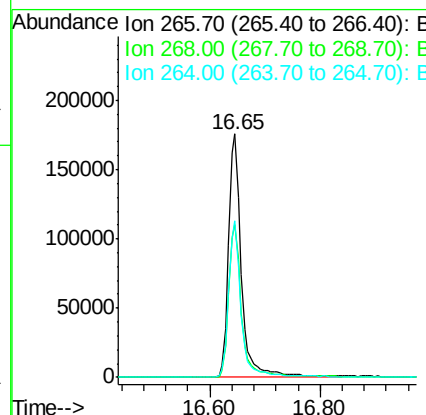
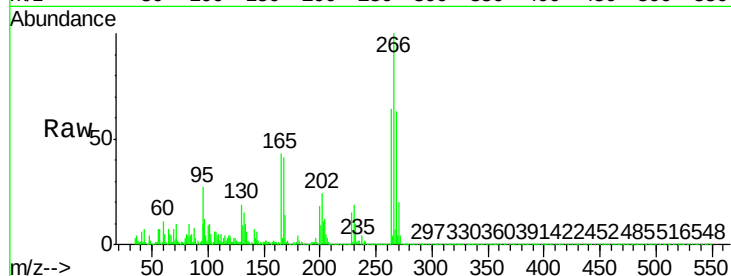




#70
 Pentachlorophenol
 Concen: 37.480 ng
 RT: 16.65 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

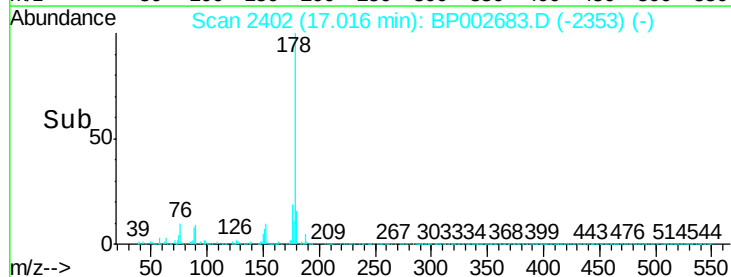
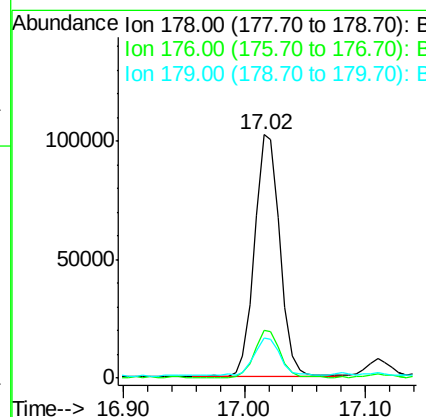
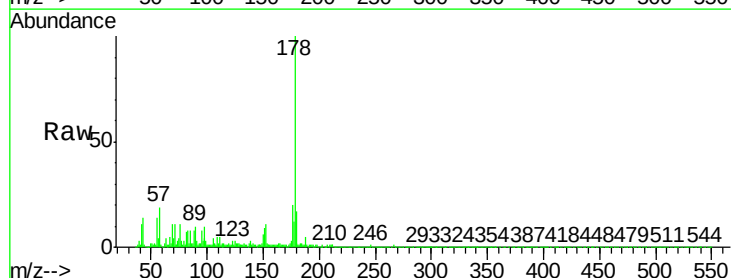
Instrument :
 BNA_P
 ClientSampleId :
 RO-06

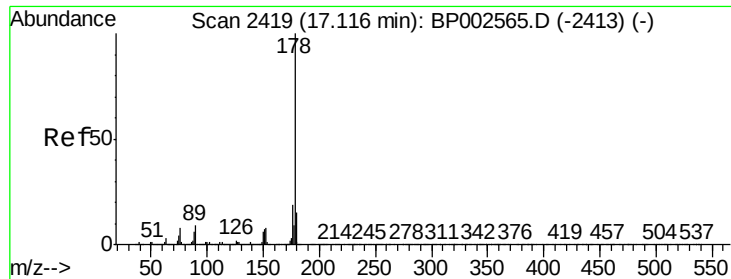
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.7	74.5
264	64.3	49.3	73.9



#71
 Phenanthrene
 Concen: 2.384 ng
 RT: 17.02 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.6	12.1	18.1

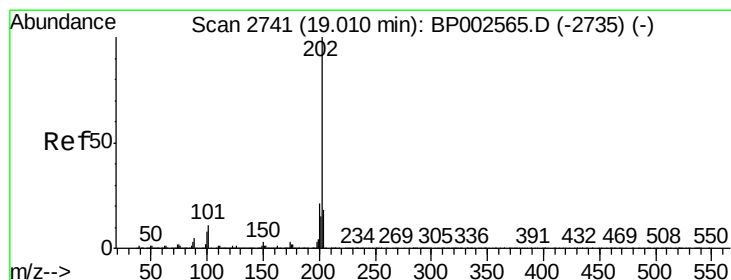
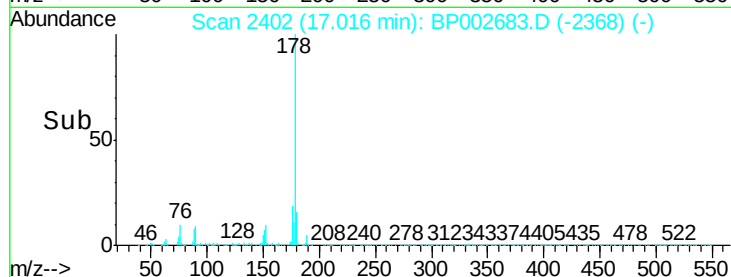
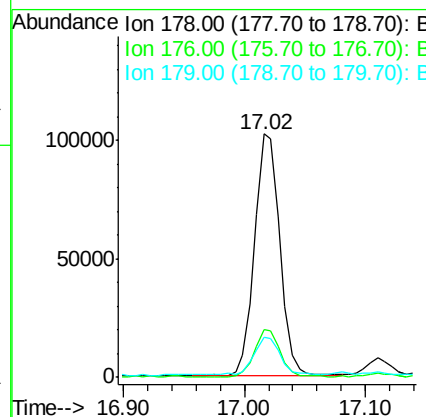
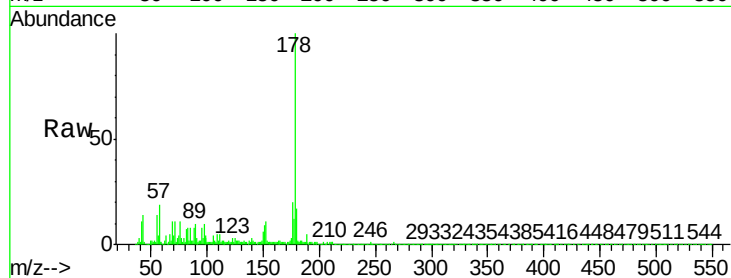




#72
 Anthracene
 Concen: 2.395 ng
 RT: 17.02 min Scan# 2402
 Delta R.T. -0.10 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

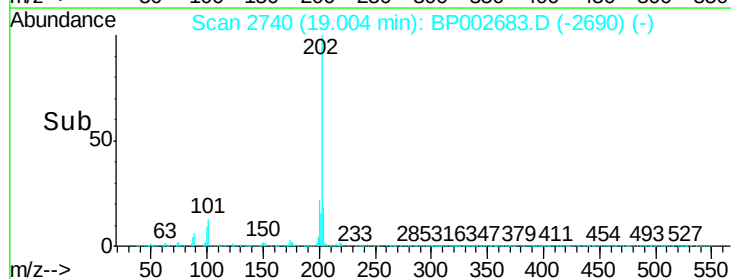
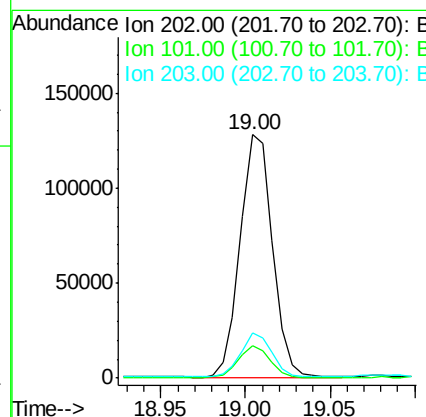
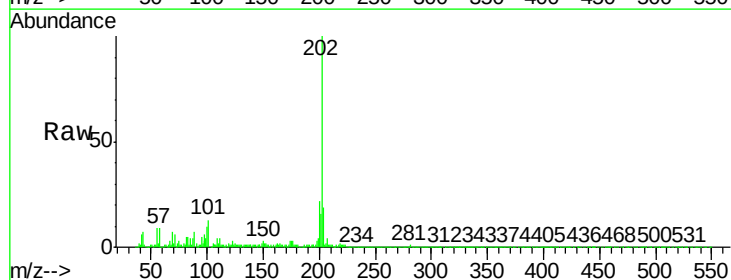
Instrument :
 BNA_P
 ClientSampleId :
 RO-06

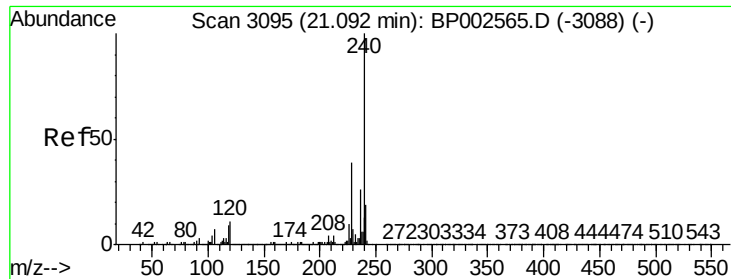
Tot Ion:178 Resp: 150844
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.0 22.4
 179 16.6 12.2 18.2



#75
 Fluoranthene
 Concen: 2.238 ng
 RT: 19.00 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

Tgt Ion:202 Resp: 171405
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 30.6
 203 18.6 0.0 37.7

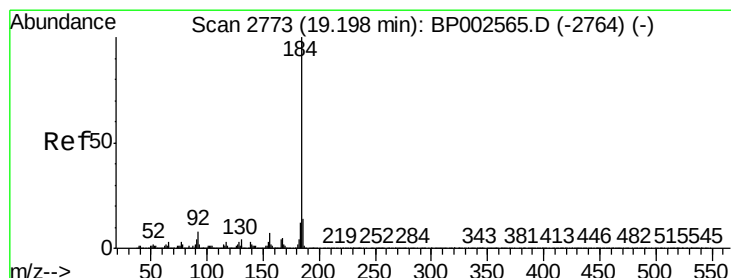
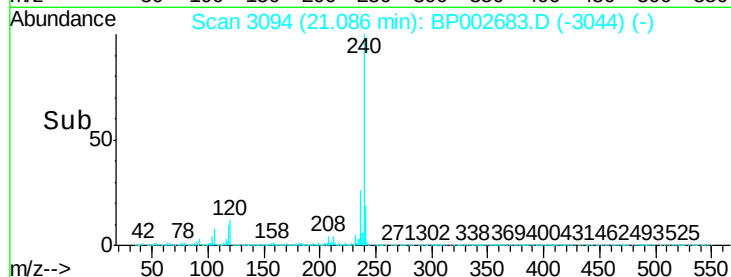
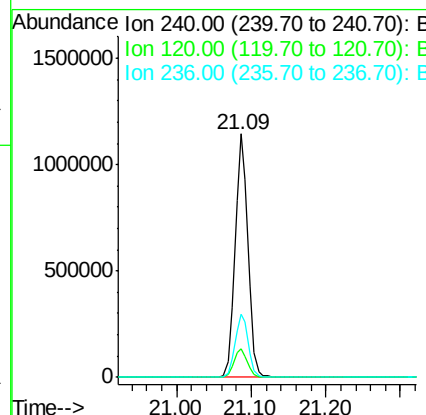
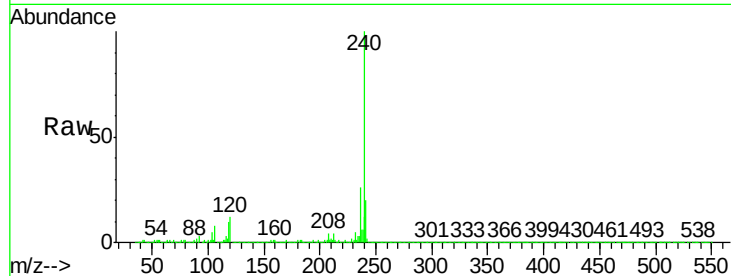




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

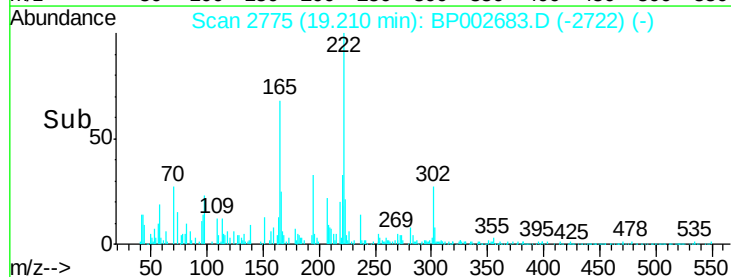
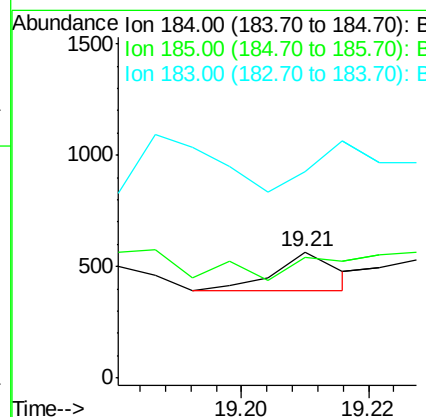
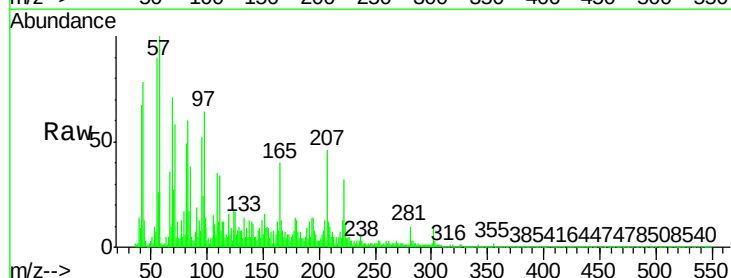
Instrument :
BNA_P
ClientSampleId :
RO-06

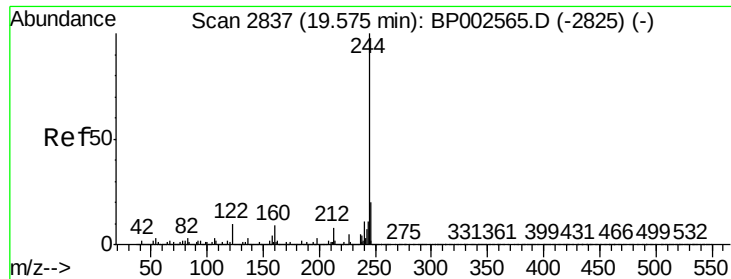
Tot Ion:240 Resp: 1389132
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 26.1 20.8 31.2



#77
Benzidine
Concen: 3.758 ng
RT: 19.21 min Scan# 2775
Delta R.T. 0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Tgt Ion:184 Resp: 123
Ion Ratio Lower Upper
184 100
185 95.4 11.4 17.2#
183 163.5 9.2 13.8#



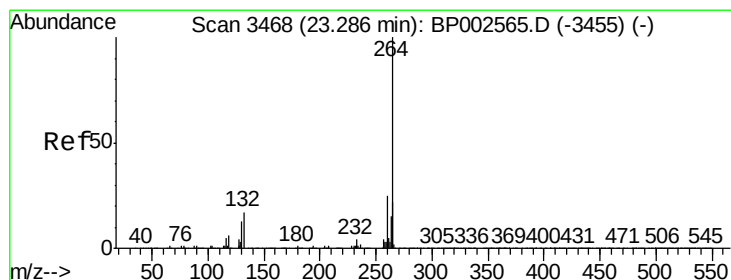
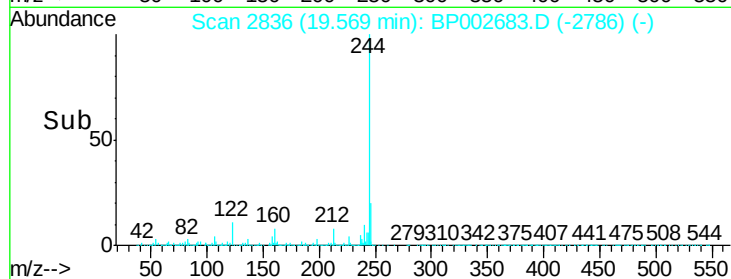
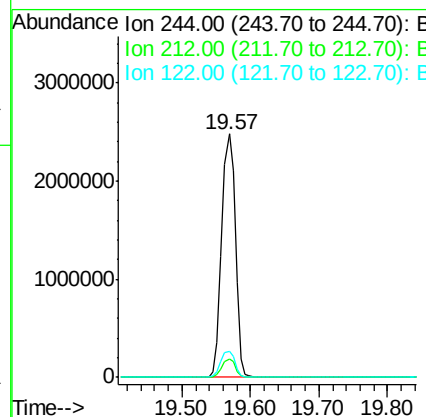
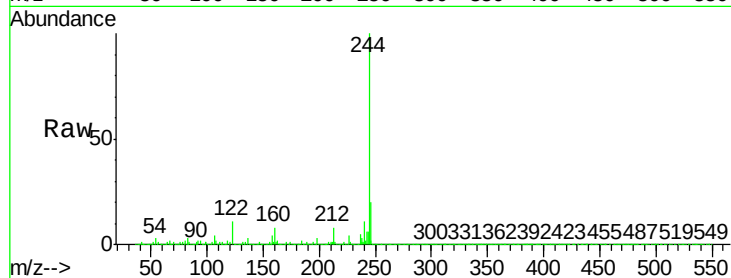


#79
 Terphenyl-d14
 Concen: 53.003 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

Instrument :
 BNA_P
 ClientSampleId :
 RO-06

Tot Ion:244 Resp: 3411108

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.7	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: BP002683.D
 Acq: 08 Jul 2020 19:43

Tgt Ion:264 Resp: 1292922

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.4	17.6	26.4

