

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002680.D
 Acq On : 08 Jul 2020 18:01
 Operator : CG/JU
 Sample : L3203-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-10

Quant Time: Jul 08 19:08:21 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	156555	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	720848	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	490745	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1134690	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1358608	20.00	ng	0.00
86) Perylene-d12	23.28	264	1305549	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	839410	90.78	ng	0.00
7) Phenol-d6	6.77	99	1331269	103.15	ng	0.00
23) Nitrobenzene-d5	8.71	82	796887	56.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	524979	87.95	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1871557	56.13	ng	0.00
79) Terphenyl-d14	19.57	244	3179274	50.51	ng	0.00

Target Compounds

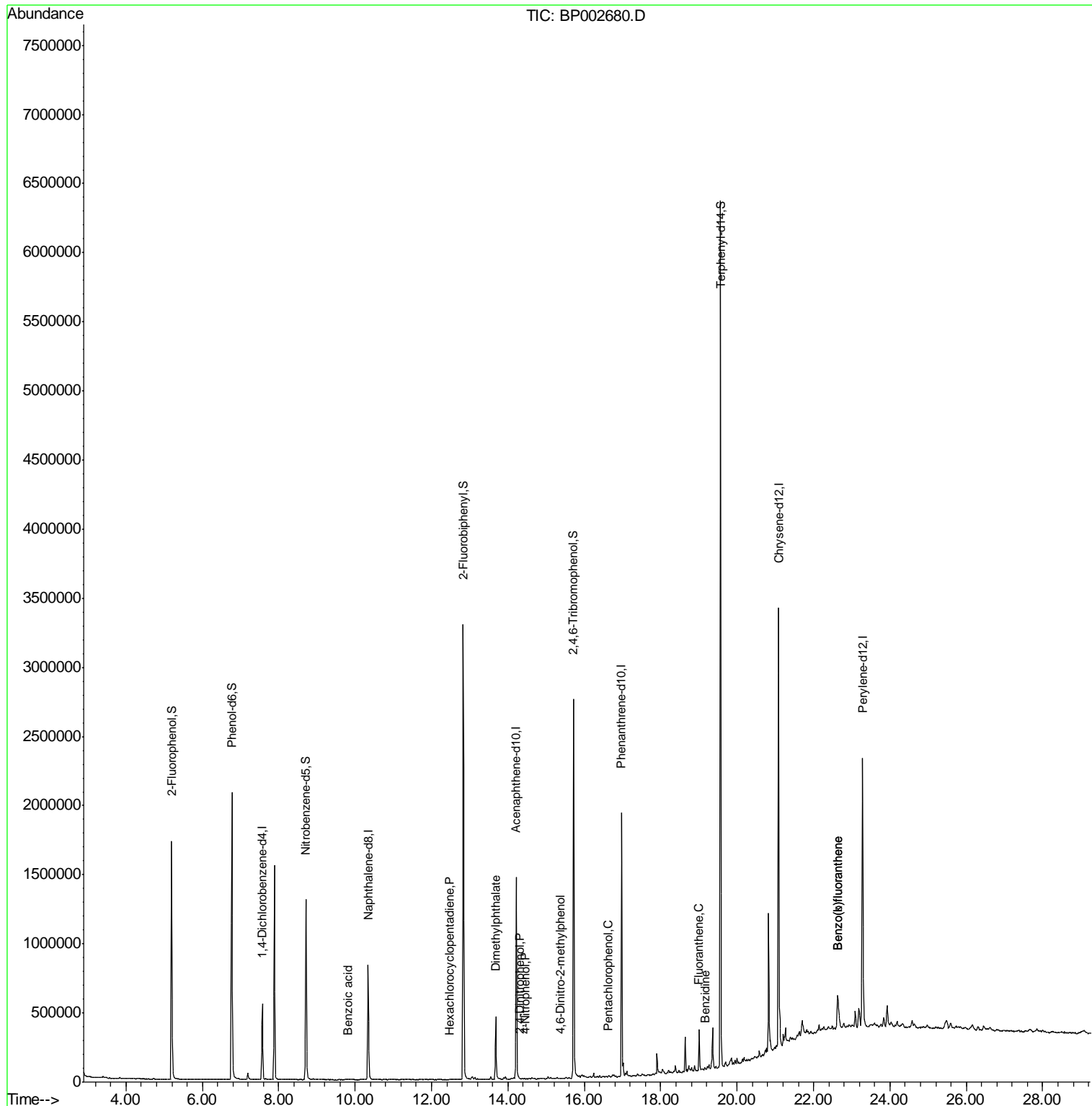
						Qvalue
9) Benzaldehyde	6.72	77	302	Below Cal		# 70
32) Benzoic acid	9.81	122	142	8.714	ng	88
41) Hexachlorocyclopentadiene	12.48	237	21	4.384	ng	74
50) Dimethylphthalate	13.68	163	307794	7.986	ng	100
54) 2,4-Dinitrophenol	14.32	184	46	6.017	ng	# 1
56) 4-Nitrophenol	14.44	139	108	2.451	ng	# 47
65) 4,6-Dinitro-2-methylphenol	15.38	198	23	2.713	ng	# 1
70) Pentachlorophenol	16.63	266	56	2.669	ng	95
75) Fluoranthene	19.00	202	167710	2.269	ng	97
77) Benzidine	19.15	184	2611	3.798	ng	# 56
88) Benzo(b)fluoranthene	22.63	252	191475	2.298	ng	# 96
89) Benzo(k)fluoranthene	22.63	252	191475	2.464	ng	# 95

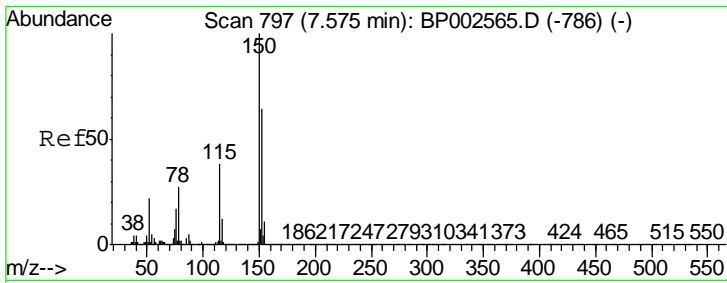
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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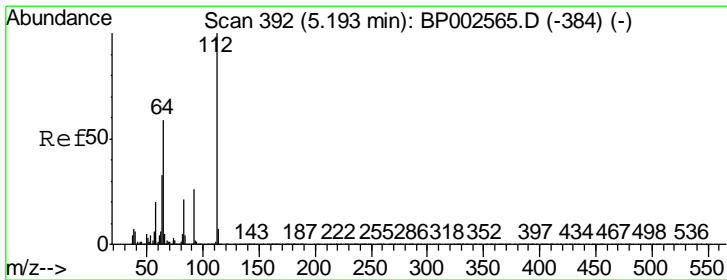
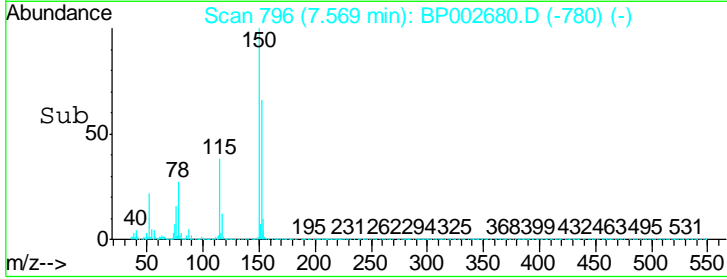
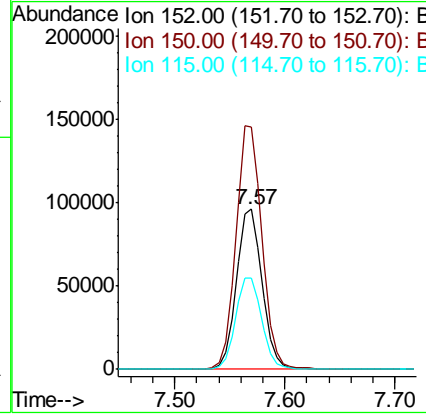
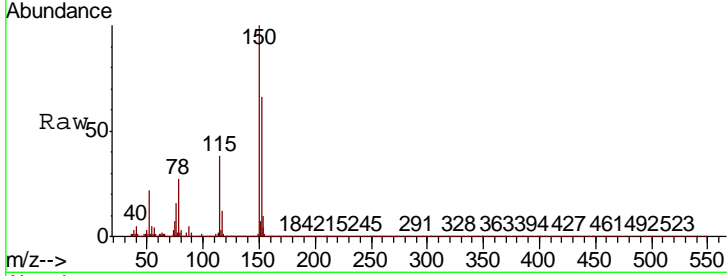




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

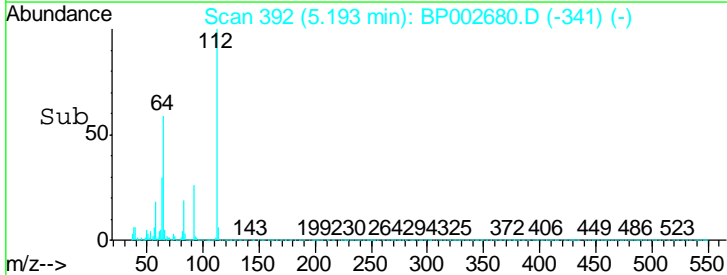
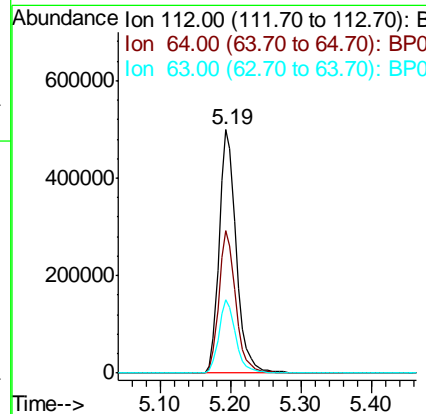
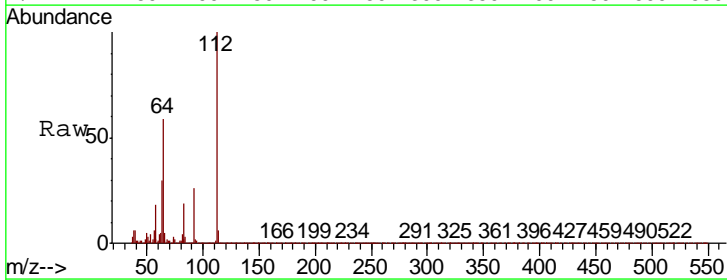
Instrument :
 BNA_P
 ClientSampled :
 RO-10

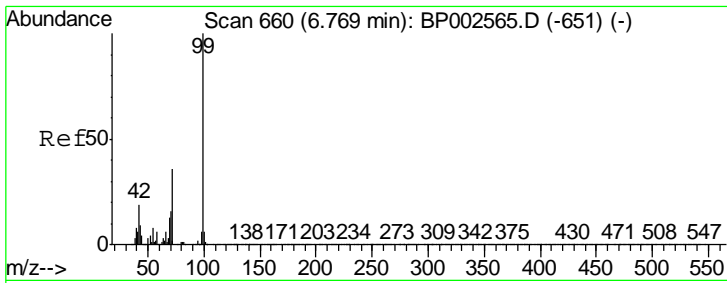
Tgt Ion	Resp	Lower	Upper
152	156555		
152	100		
150	151.3	124.2	186.2
115	57.5	47.1	70.7



#5
 2-Fluorophenol
 Concen: 90.781 ng
 RT: 5.19 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
112	839410		
112	100		
64	58.7	47.0	70.6
63	30.3	26.1	39.1

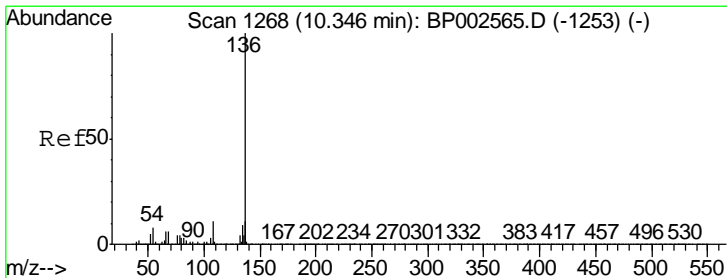
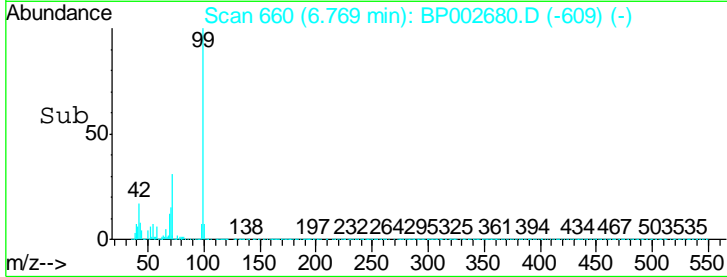
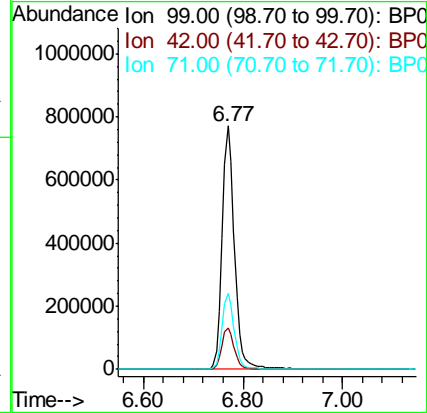
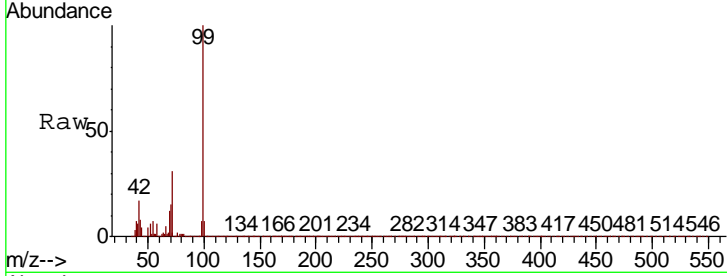




#7
 Phenol-d6
 Concen: 103.152 ng
 RT: 6.77 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

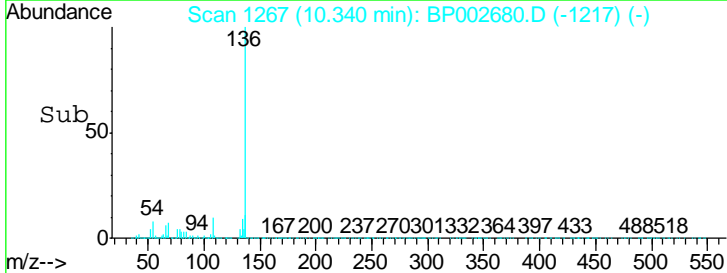
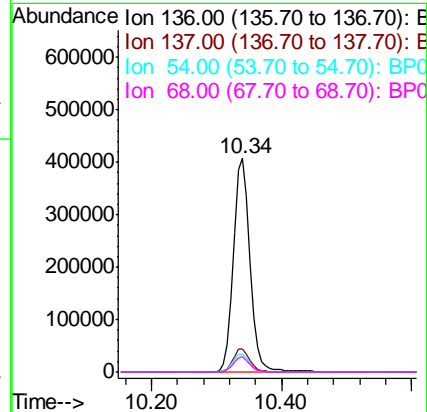
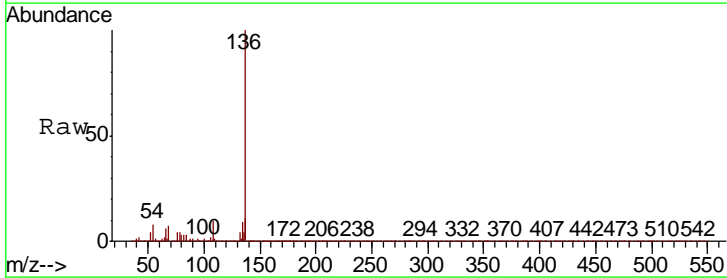
Instrument :
 BNA_P
 ClientSampled :
 RO-10

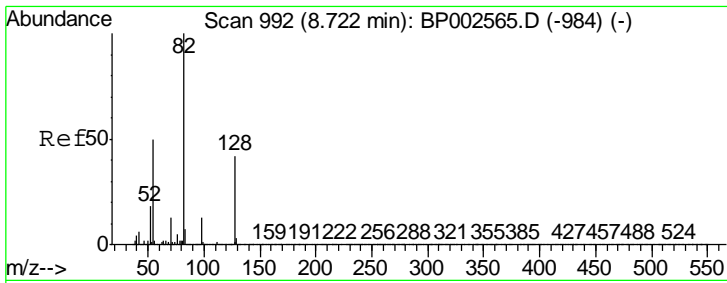
Tgt Ion	Resp	Lower	Upper
99	1331269		
42	17.2	15.5	23.3
71	31.3	28.9	43.3



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.34 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
136	720848		
137	10.9	8.8	13.2
54	8.4	6.4	9.6
68	6.9	5.1	7.7

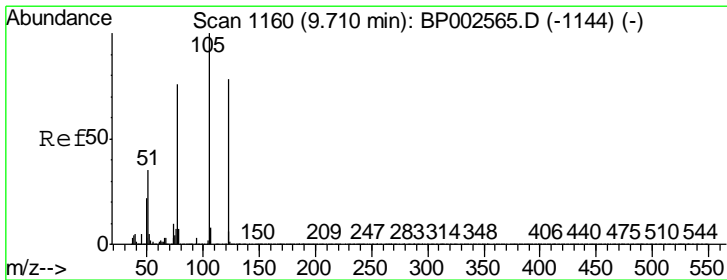
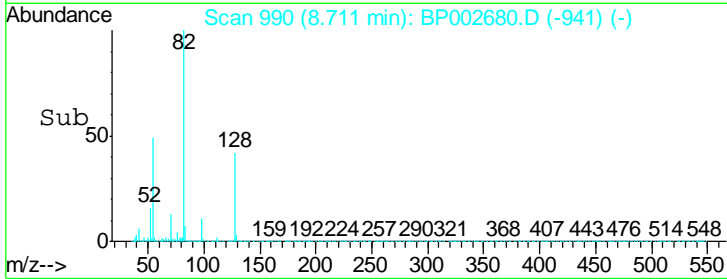
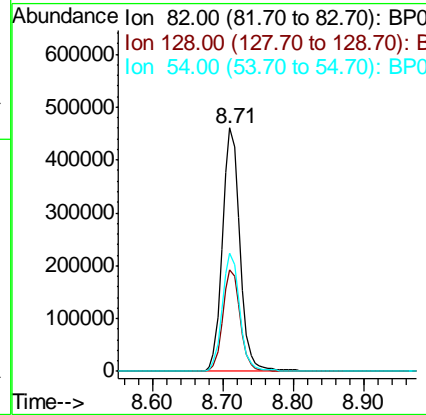
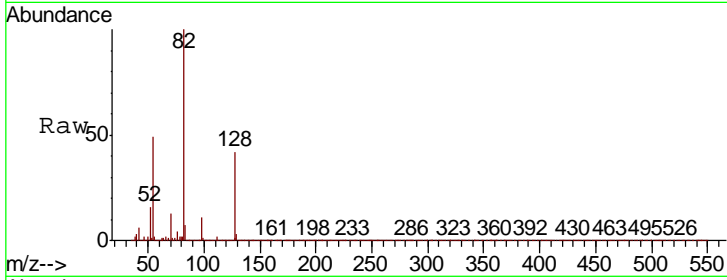




#23
 Nitrobenzene-d5
 Concen: 56.960 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

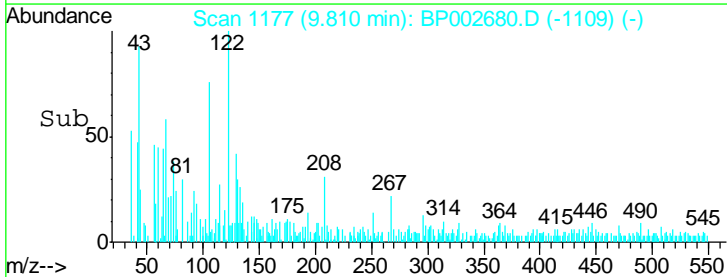
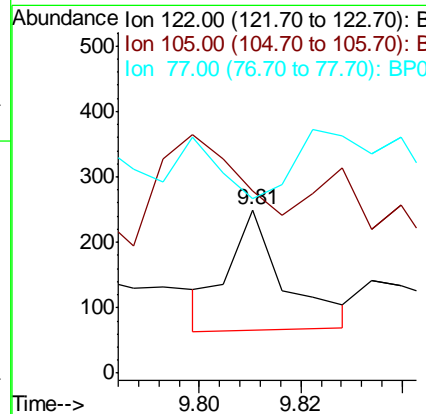
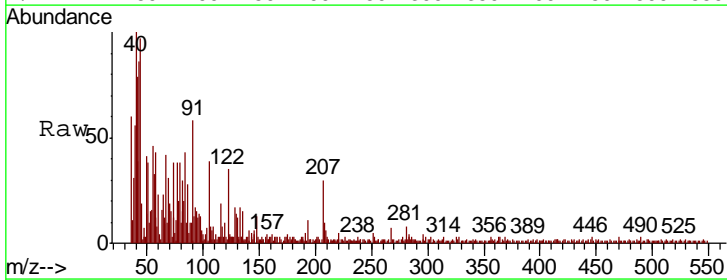
Instrument :
 BNA_P
 ClientSampleID :
 RO-10

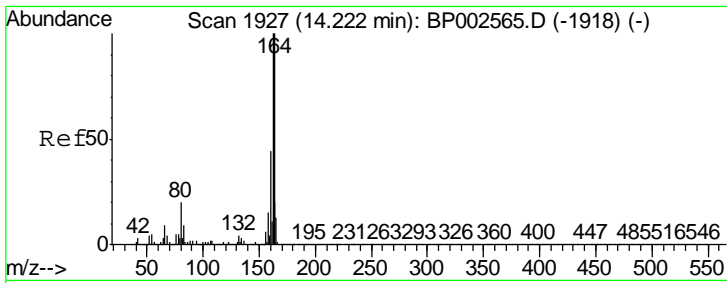
Tgt Ion	Resp	Lower	Upper
82	796887		
128	41.6	33.4	50.2
54	48.6	40.1	60.1



#32
 Benzoic acid
 Concen: 8.714 ng
 RT: 9.81 min Scan# 1177
 Delta R.T. 0.10 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
122	142		
105	111.6	106.6	146.6
77	106.8	76.5	116.5

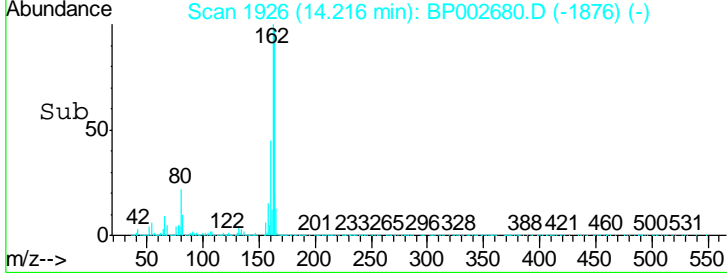
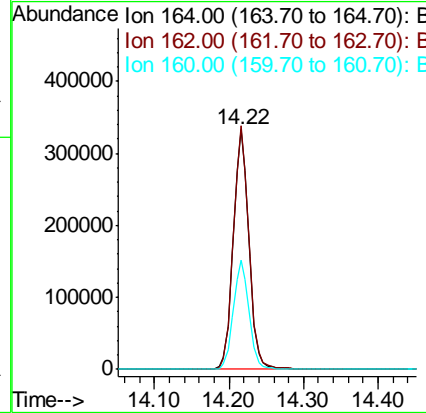
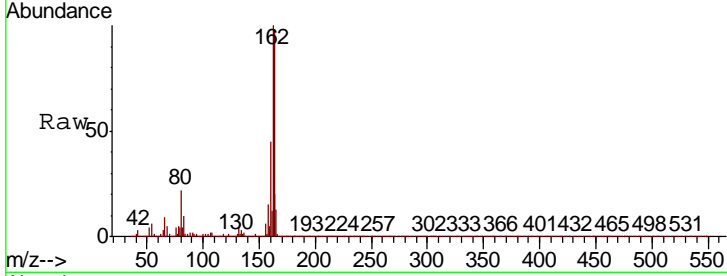




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

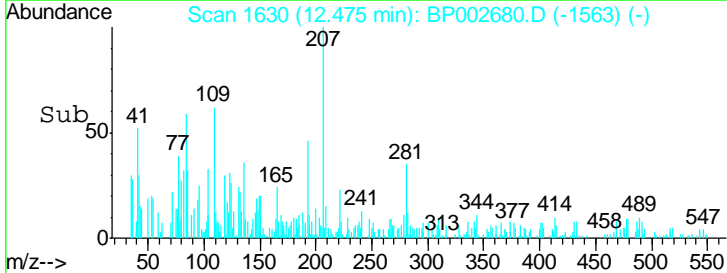
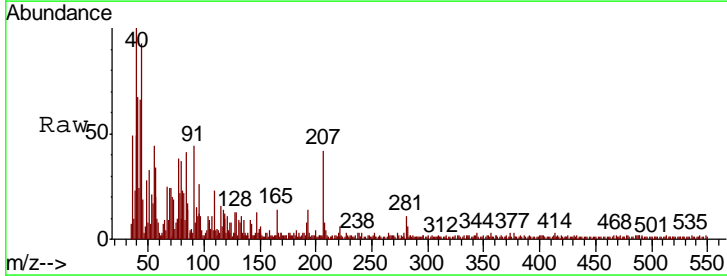
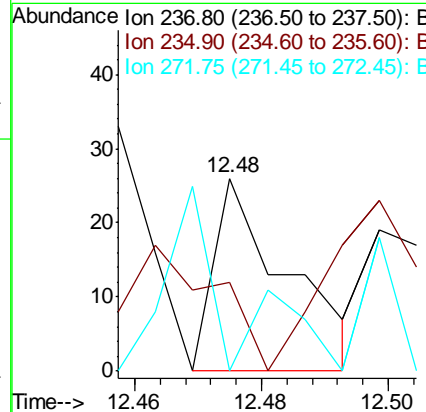
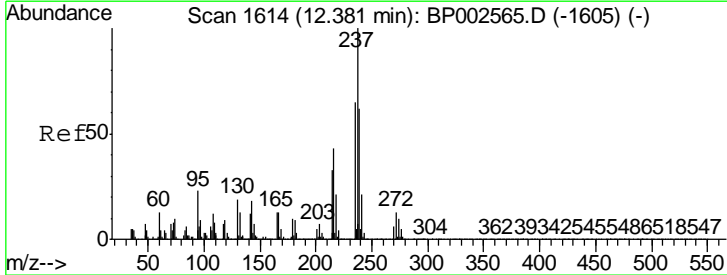
Instrument :
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 ClientSampled :
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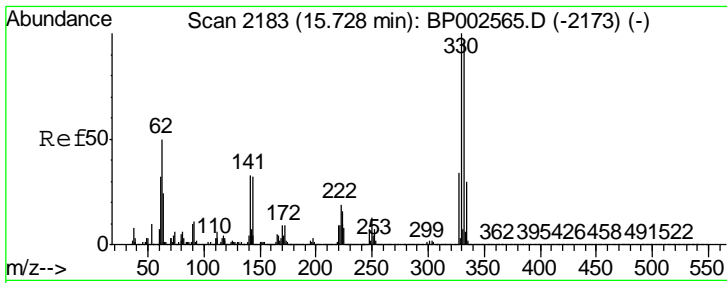
Tgt Ion	Resp	Lower	Upper
164	100		
162	101.6	80.3	120.5
160	45.6	35.0	52.6



#41
 Hexachlorocyclopentadiene
 Concen: 4.384 ng
 RT: 12.48 min Scan# 1630
 Delta R.T. 0.10 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
237	100		
235	46.2	45.4	85.4
272	0.0	0.0	32.6

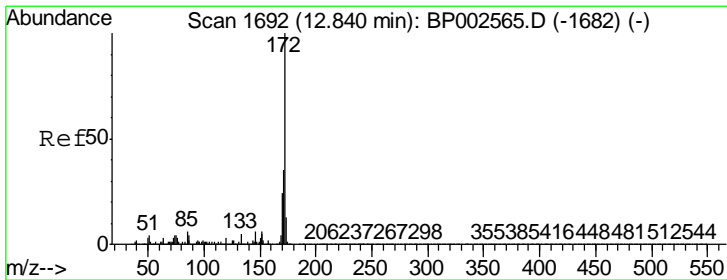
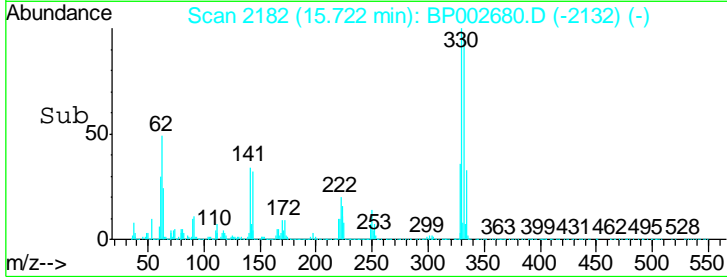
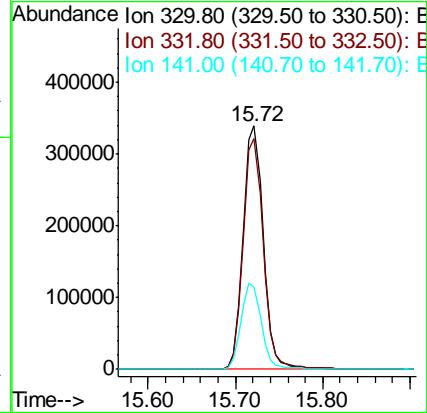
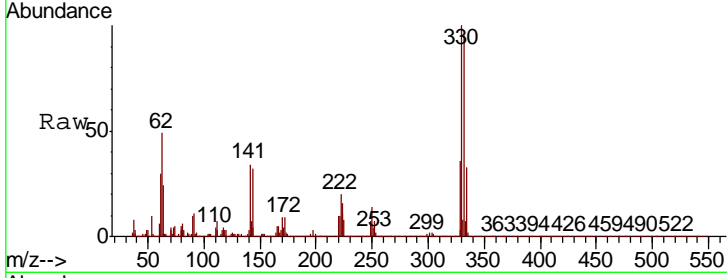




#42
 2,4,6-Tribromophenol
 Concen: 87.953 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

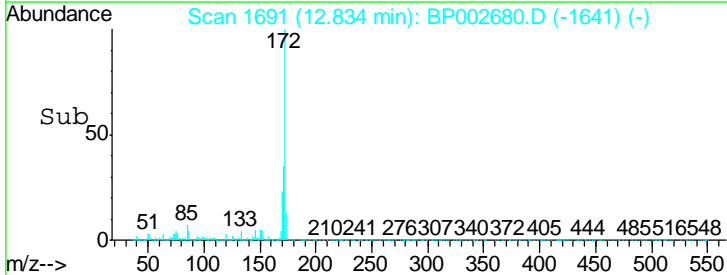
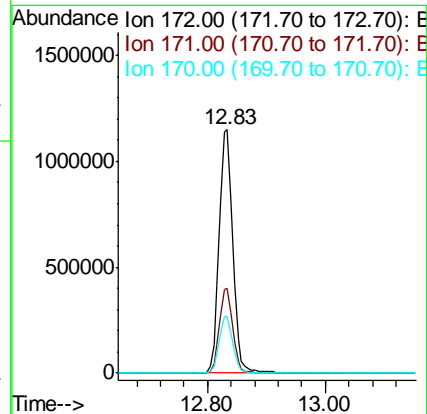
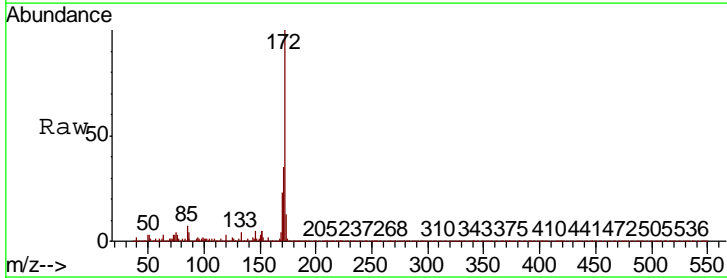
Instrument :
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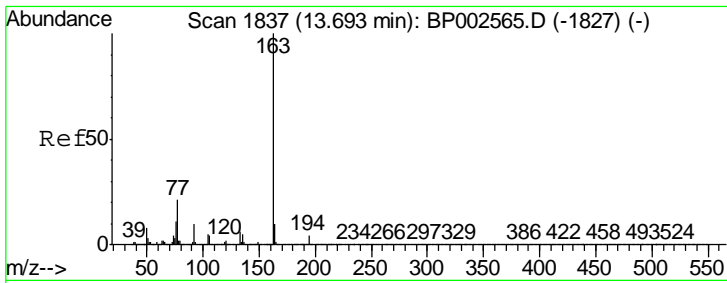
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.7	77.7	116.5
141	35.9	29.0	43.6



#45
 2-Fluorobiphenyl
 Concen: 56.131 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.1	19.0	28.4

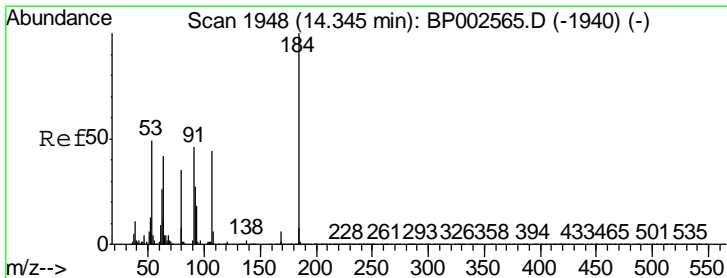
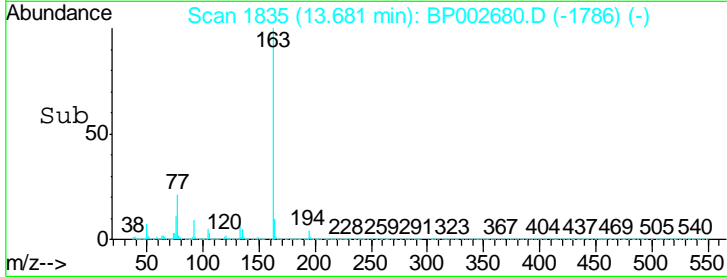
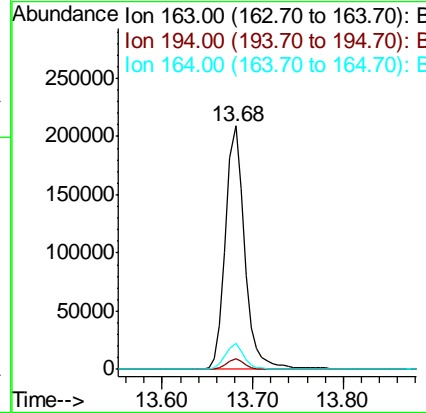
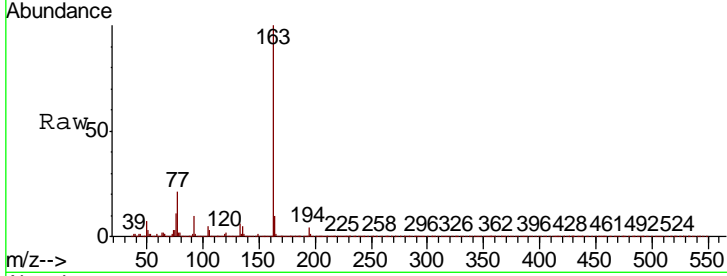




#50
 Dimethylphthalate
 Concen: 7.986 ng
 RT: 13.68 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

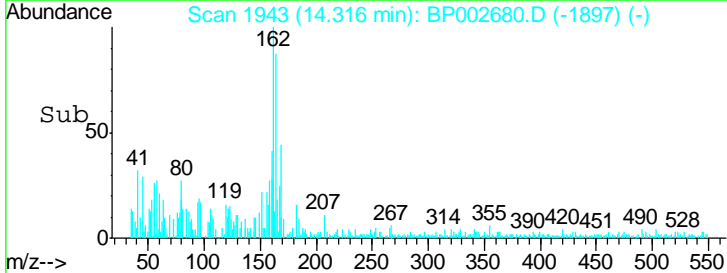
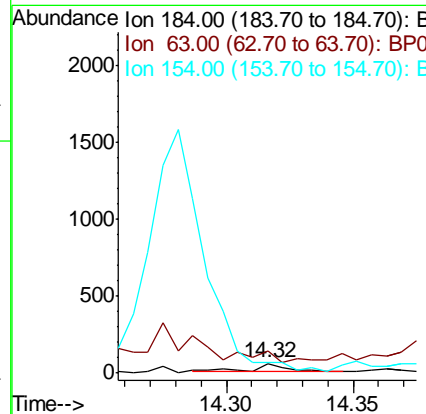
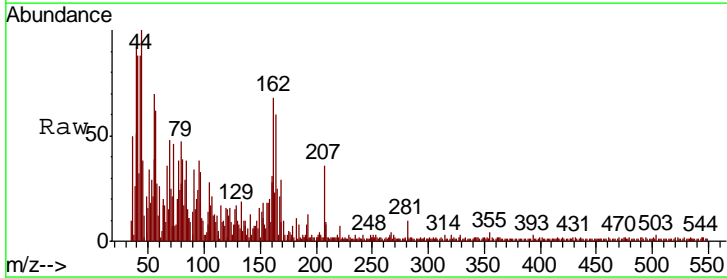
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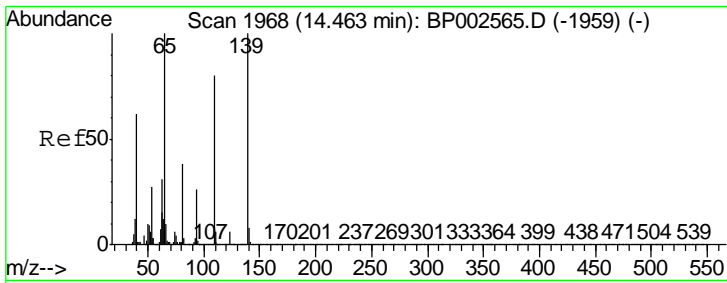
Tgt Ion	Resp	Lower	Upper
163	307794		
194	4.1	3.4	5.0
164	10.5	8.2	12.4



#54
 2,4-Dinitrophenol
 Concen: 6.017 ng
 RT: 14.32 min Scan# 1943
 Delta R.T. -0.03 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
184	46		
63	223.8	56.2	84.2#
154	107.9	50.9	76.3#

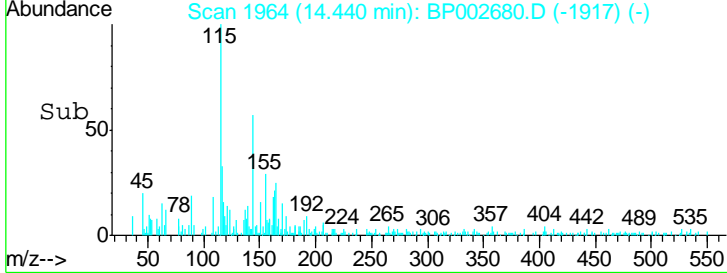
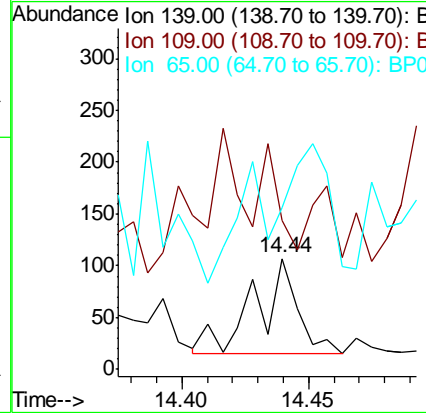
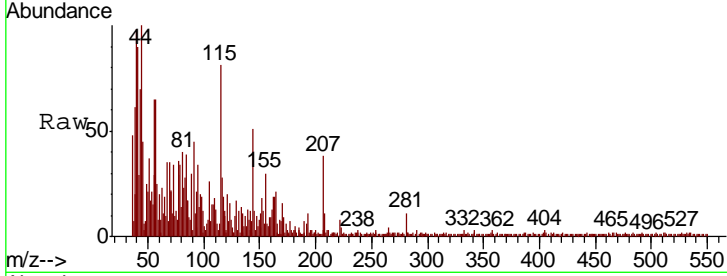




#56
 4-Nitrophenol
 Concen: 2.451 ng
 RT: 14.44 min Scan# 1964
 Delta R.T. -0.02 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

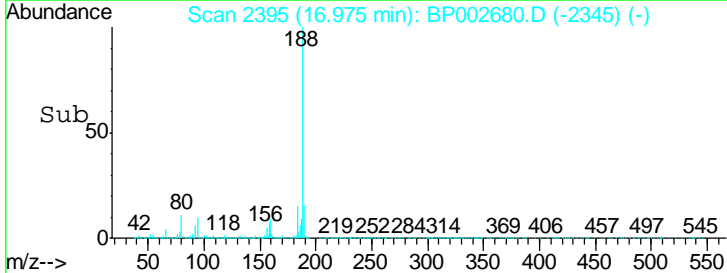
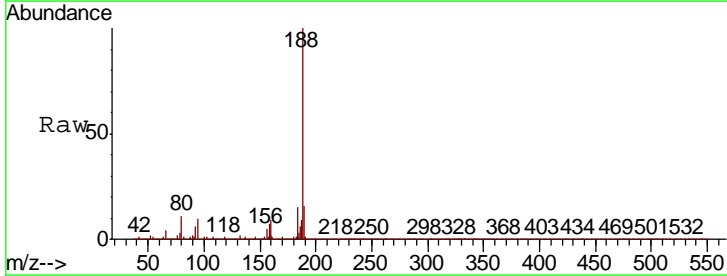
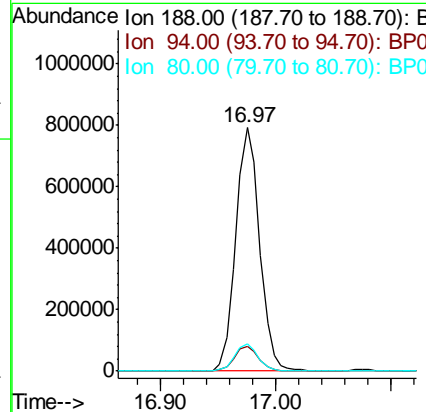
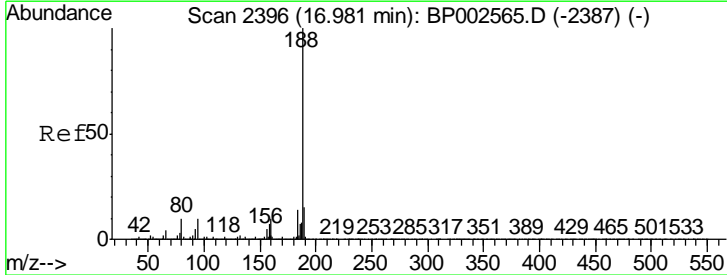
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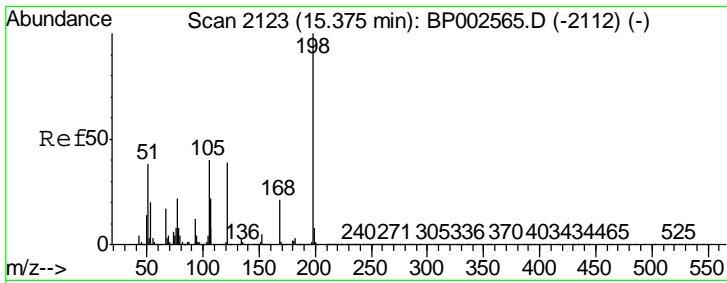
Tgt Ion	Resp	Lower	Upper
139	108		
109	134.6	60.1	100.1#
65	145.8	80.3	120.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.97 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
188	1134690		
94	10.1	7.8	11.6
80	11.1	8.2	12.4

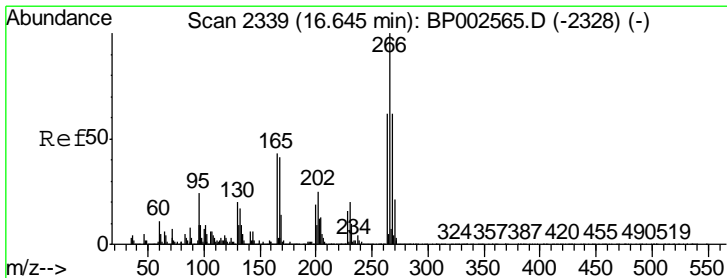
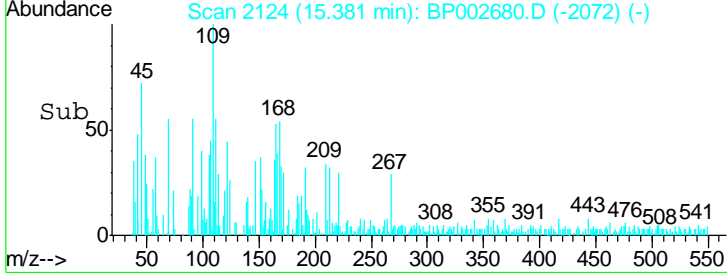
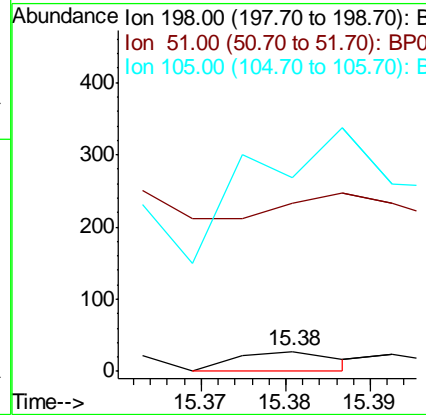
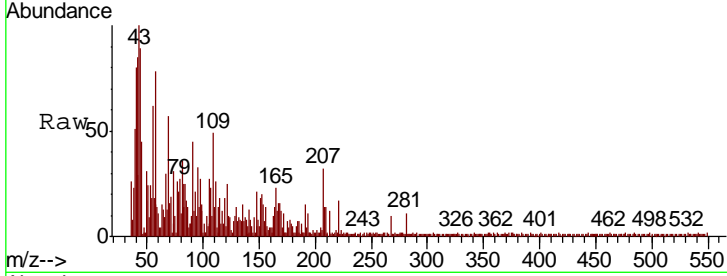




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.713 ng
 RT: 15.38 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

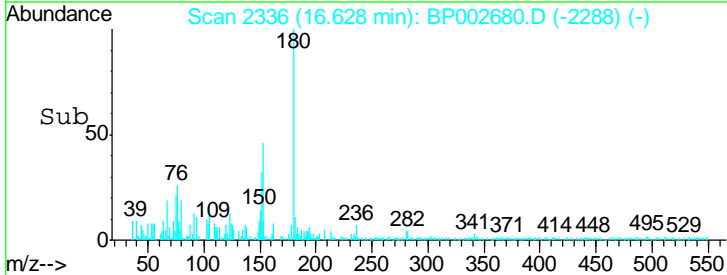
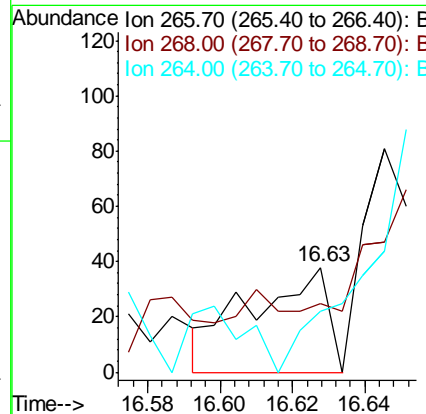
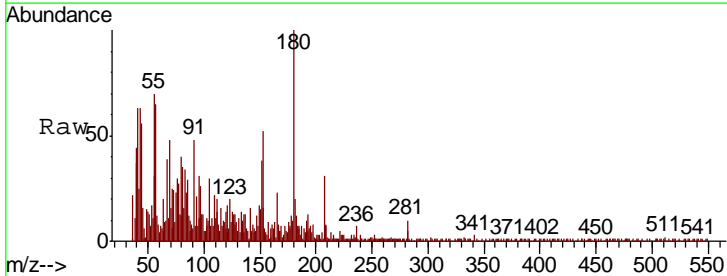
Instrument :
 BNA_P
 ClientSampled :
 RO-10

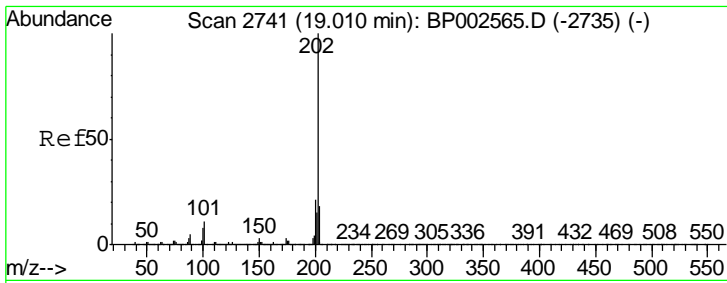
Tgt Ion	Resp	Lower	Upper
198	100		
51	828.6	24.2	64.2#
105	960.7	20.7	60.7#



#70
 Pentachlorophenol
 Concen: 2.669 ng
 RT: 16.63 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
266	100		
268	65.8	49.7	74.5
264	57.9	49.3	73.9

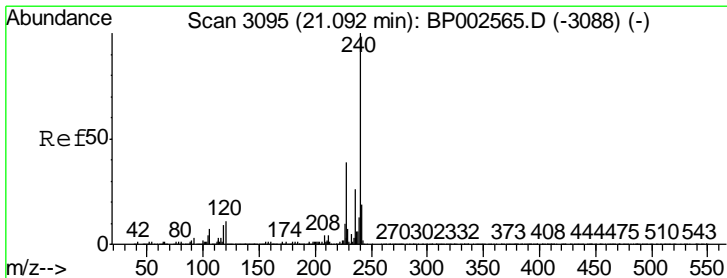
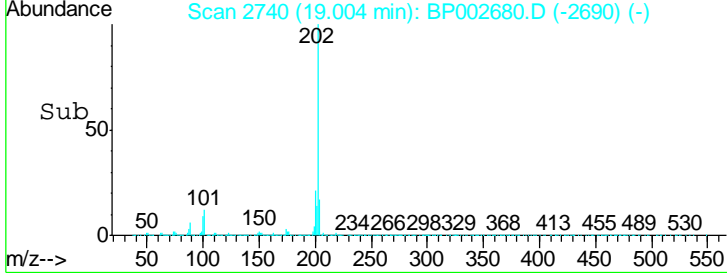
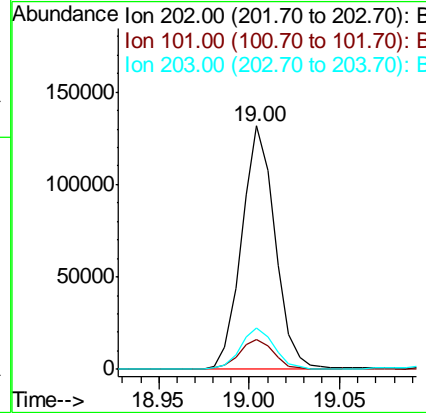
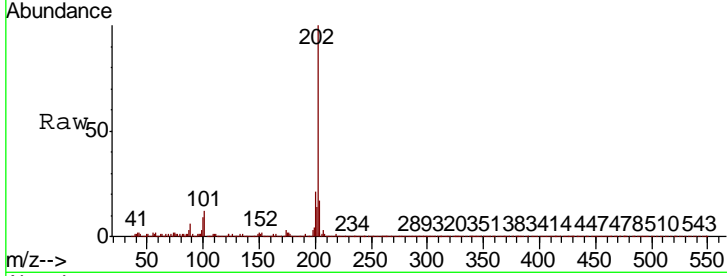




#75
 Fluoranthene
 Concen: 2.269 ng
 RT: 19.00 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

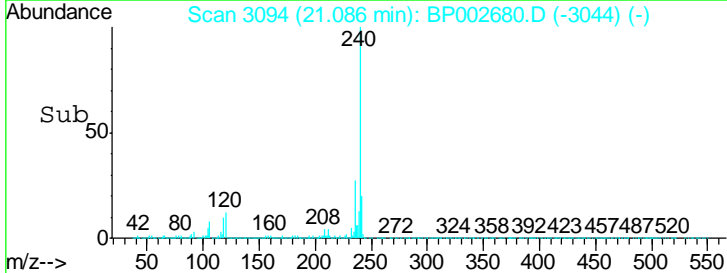
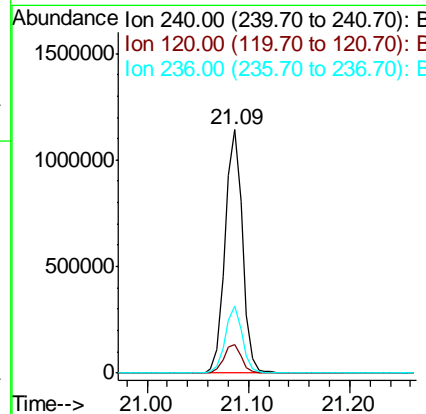
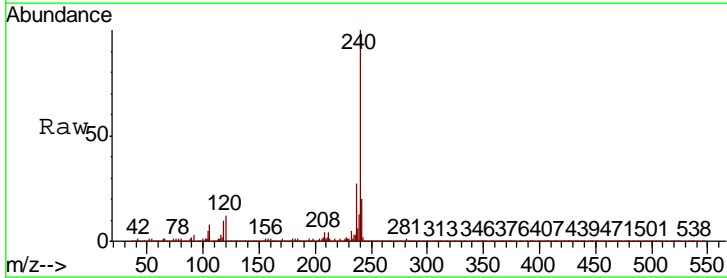
Instrument :
 BNA_P
 ClientSampled :
 RO-10

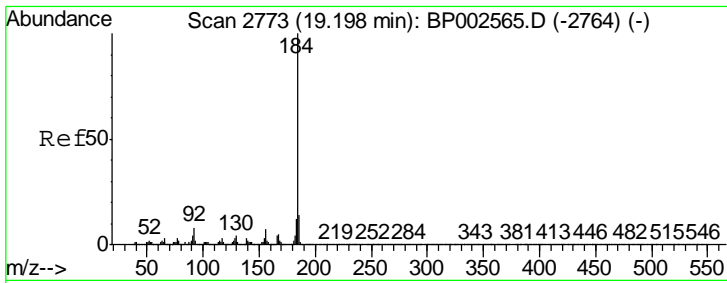
Tgt Ion	Resp	Lower	Upper
202	167710		
101	12.2	0.0	30.6
203	16.8	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
240	1358608		
120	11.7	8.6	13.0
236	27.3	20.8	31.2

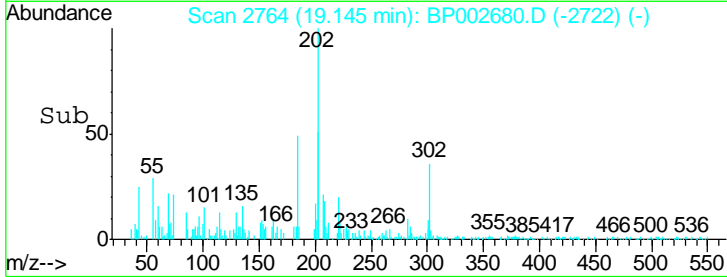
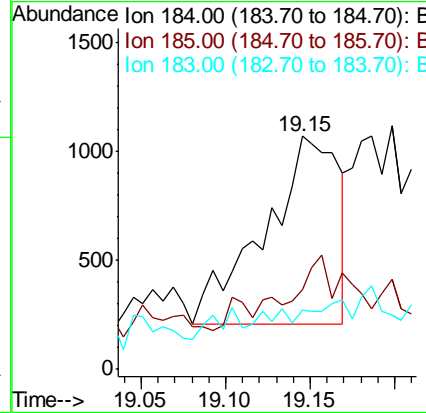
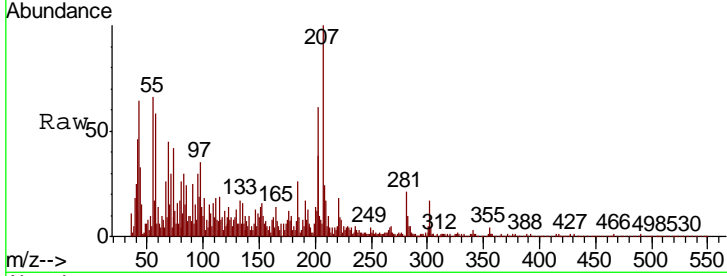




#77
 Benzidine
 Concen: 3.798 ng
 RT: 19.15 min Scan# 2764
 Delta R.T. -0.05 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

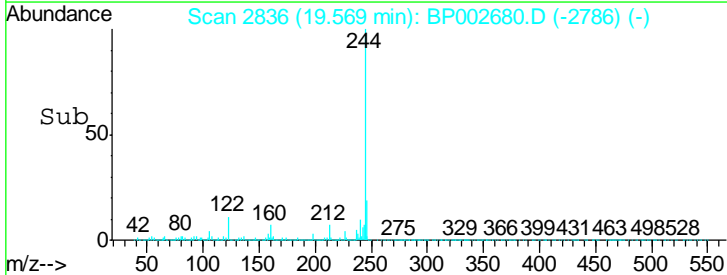
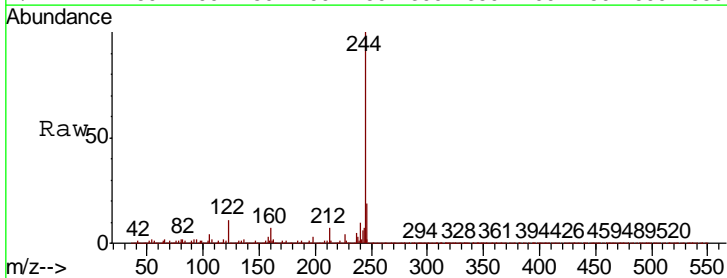
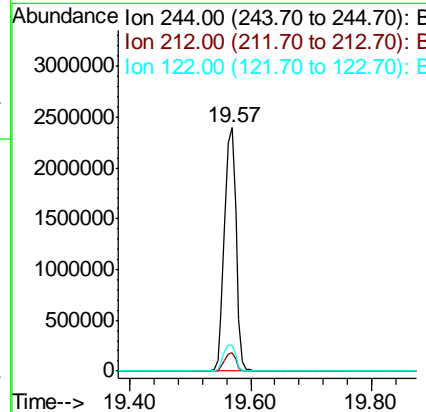
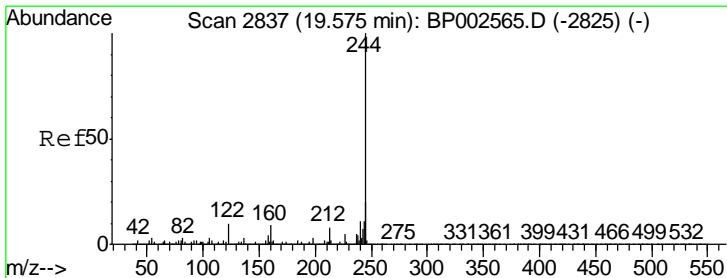
Instrument :
 BNA_P
 ClientSampled :
 RO-10

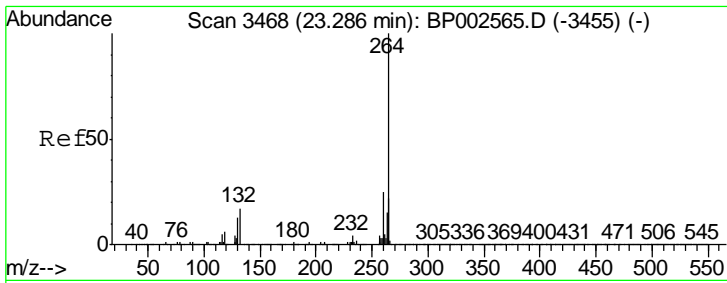
Tgt Ion	Resp	Lower	Upper
184	2611		
185	34.3	11.4	17.2#
183	25.7	9.2	13.8#



#79
 Terphenyl-d14
 Concen: 50.511 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion	Resp	Lower	Upper
244	3179274		
212	7.5	6.5	9.7
122	10.7	7.9	11.9



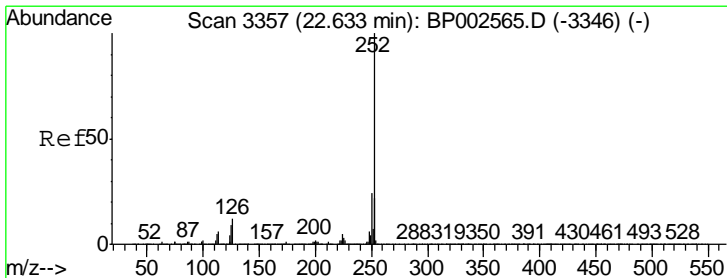
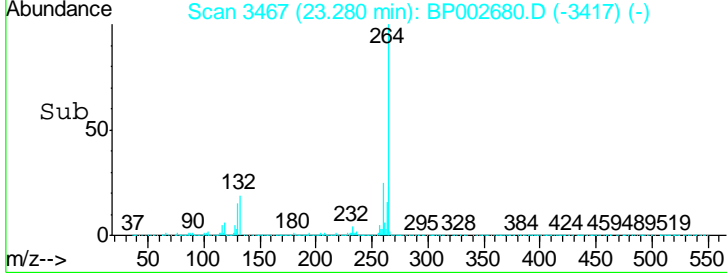
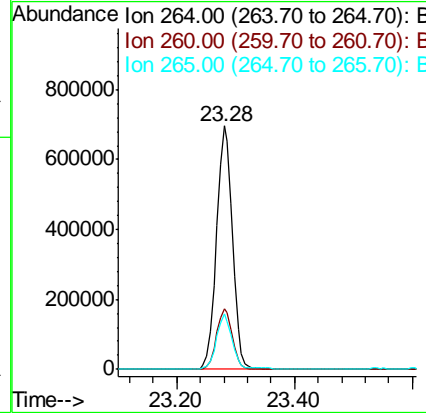
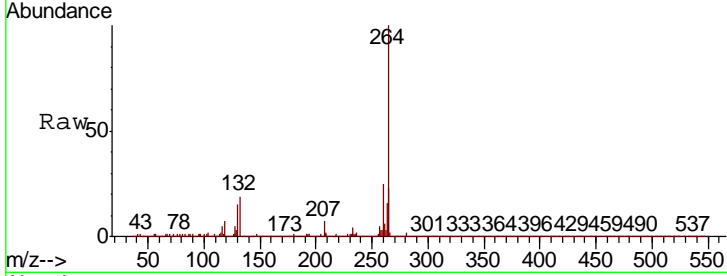


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.28 min Scan# 3467
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Instrument :
 BNA_P
 ClientSampled :
 RO-10

Tgt Ion: 264 Resp: 1305549

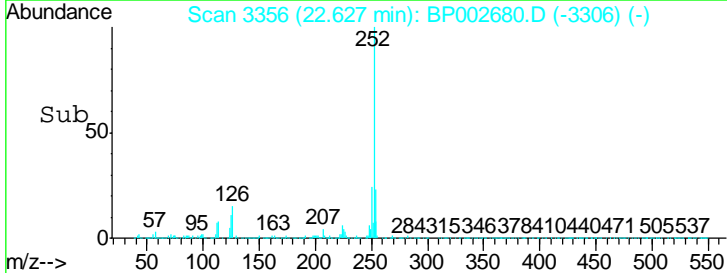
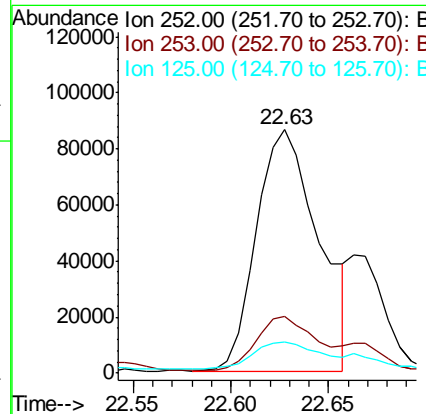
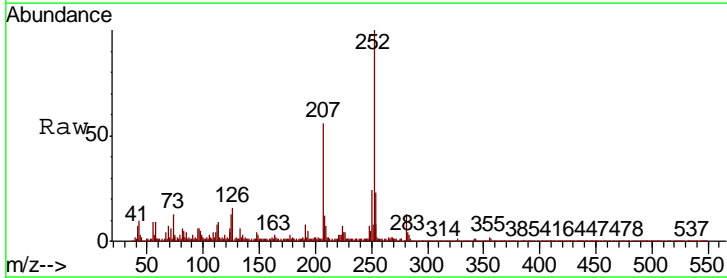
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.8	17.6	26.4

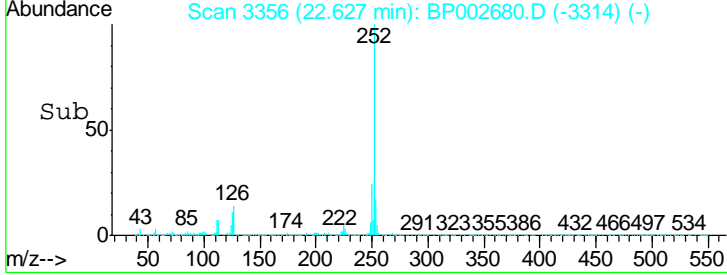
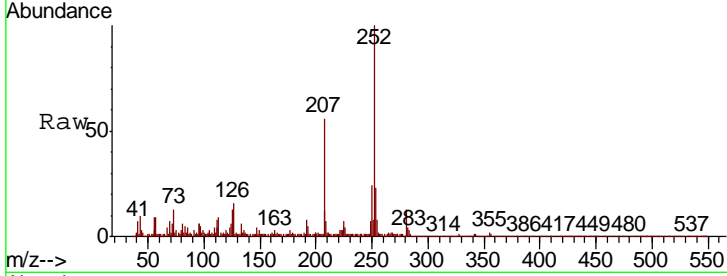
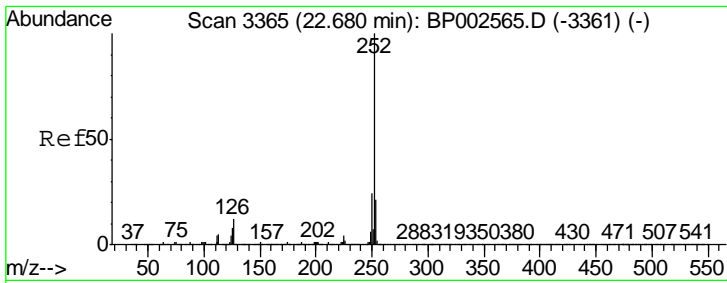


#88
 Benzo(b)fluoranthene
 Concen: 2.298 ng
 RT: 22.63 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Tgt Ion: 252 Resp: 191475

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	12.6	7.4	11.2#





#89
 Benzo(k)fluoranthene
 Concen: 2.464 ng
 RT: 22.63 min Scan# 3356
 Delta R.T. -0.05 min
 Lab File: BP002680.D
 Acq: 08 Jul 2020 18:01

Instrument :
 BNA_P
 ClientSampled :
 RO-10

Tot Ion: 252 Resp: 191475

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	12.6	6.9	10.3

