

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\  
 Data File : BP002329.D  
 Acq On : 29 May 2020 23:09  
 Operator : CG/JU  
 Sample : L2776-06  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: May 30 00:51:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 29 15:09:03 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	319328	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1308200	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	773840	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1592390	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1353534	20.00	ng	0.00
86) Perylene-d12	23.32	264	1372387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2069601	121.72	ng	0.00
7) Phenol-d6	6.79	99	2855368	123.45	ng	0.00
23) Nitrobenzene-d5	8.75	82	1874890	86.17	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	904004	123.26	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3749478	85.50	ng	0.00
79) Terphenyl-d14	19.60	244	4602954	82.36	ng	0.00

Target Compounds

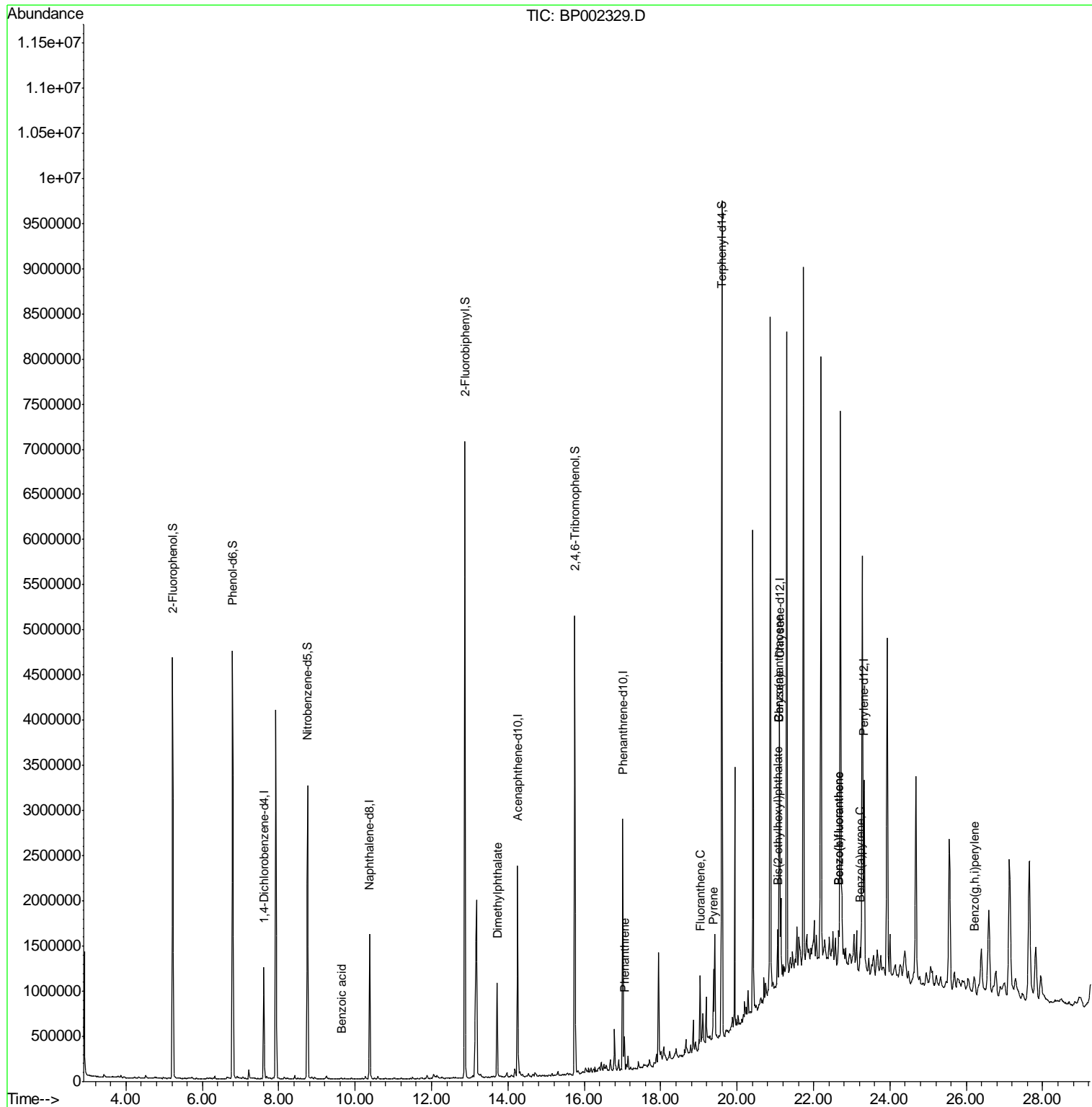
						Qvalue
32) Benzoic acid	9.63	122	3903	5.081	ng	90
50) Dimethylphthalate	13.72	163	684231	13.063	ng	99
71) Phenanthrene	17.05	178	212205	2.813	ng	99
75) Fluoranthene	19.03	202	445876	5.132	ng	99
78) Pyrene	19.39	202	451186	5.353	ng	98
81) Benzo(a)anthracene	21.10	228	206831	2.669	ng	93
83) Chrysene	21.10	228	206831	2.781	ng	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	219767	4.286	ng	98
88) Benzo(b)fluoranthene	22.66	252	376903	5.037	ng	# 91
89) Benzo(k)fluoranthene	22.66	252	376903	5.249	ng	# 90
90) Benzo(a)pyrene	23.22	252	197401	2.844	ng	# 94
92) Benzo(a,h,i)perylene	26.22	276	151261	2.141	ng	# 92

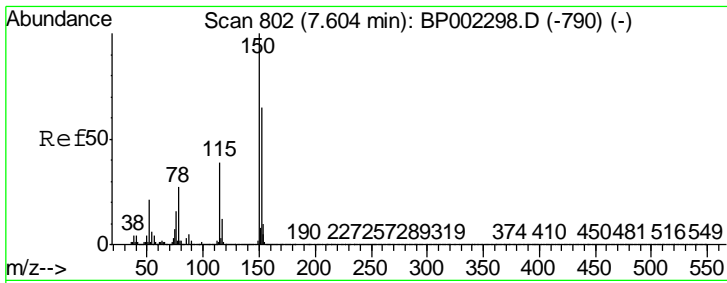
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\  
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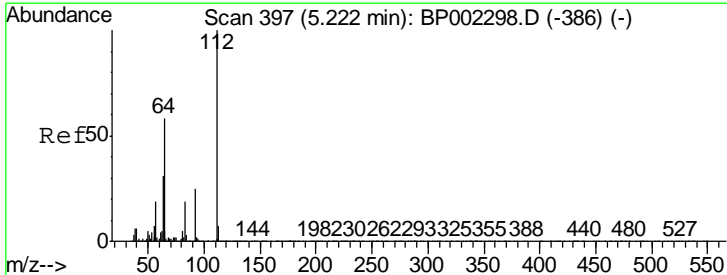
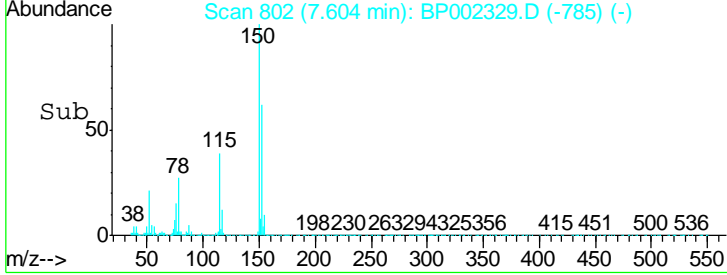
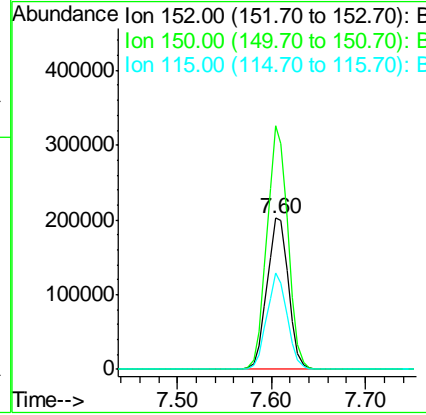
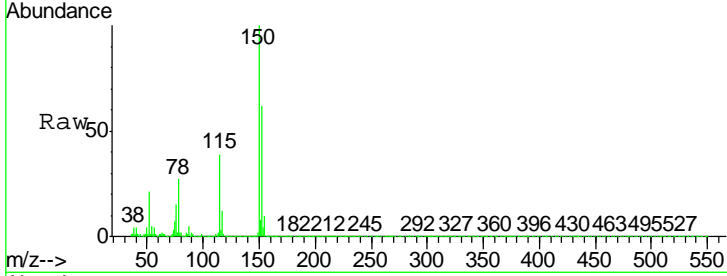




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.60 min Scan# 802  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

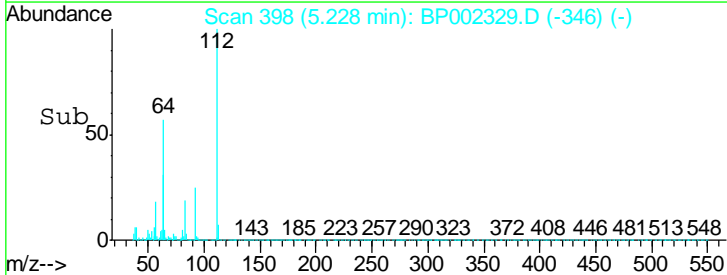
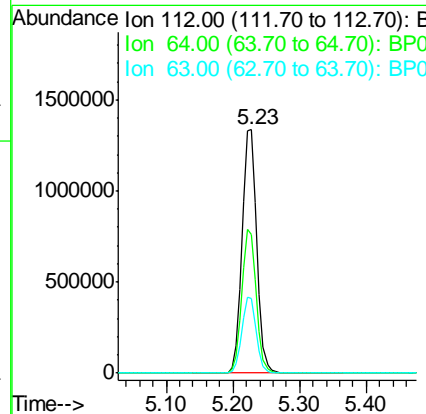
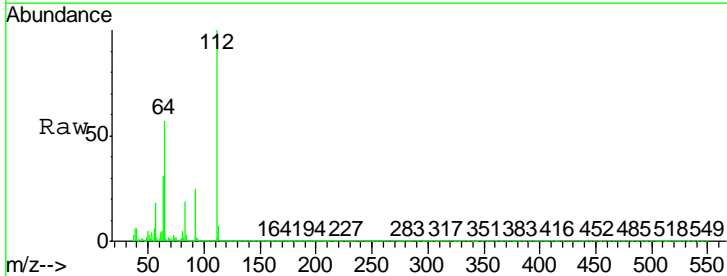
Instrument :  
 BNA\_P  
 ClientSampled :

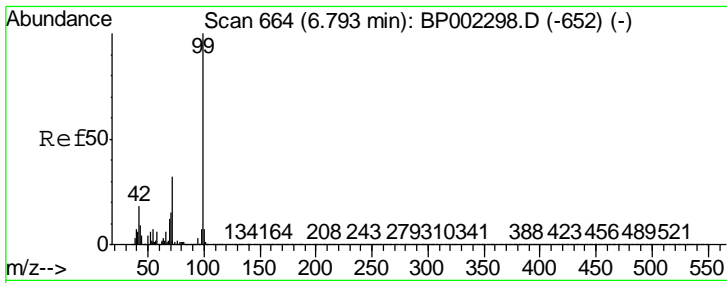
Tgt Ion	Resp	Lower	Upper
152	319328		
152	100		
150	160.9	124.7	187.1
115	63.3	49.4	74.2



#5  
 2-Fluorophenol  
 Concen: 121.724 ng  
 RT: 5.23 min Scan# 398  
 Delta R.T. 0.01 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
112	2069601		
112	100		
64	57.0	47.0	70.4
63	30.5	24.0	36.0

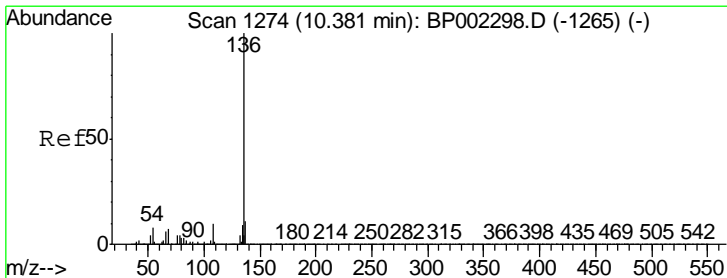
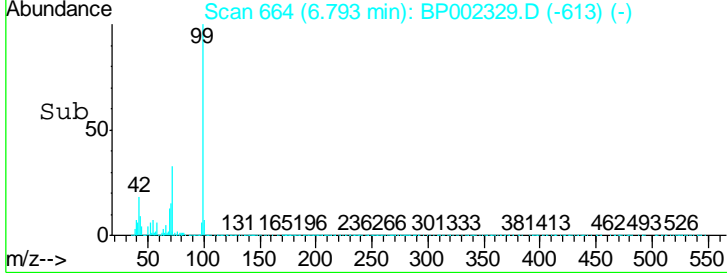
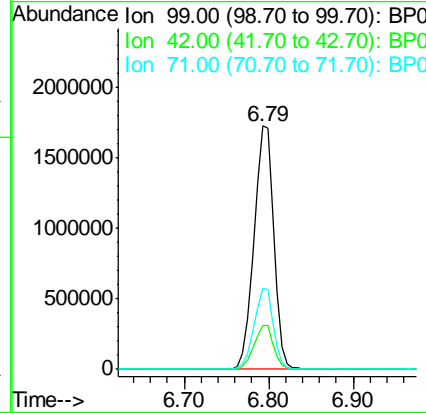
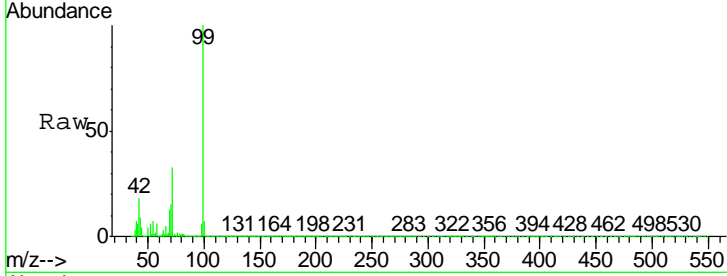




#7  
 Phenol-d6  
 Concen: 123.455 ng  
 RT: 6.79 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

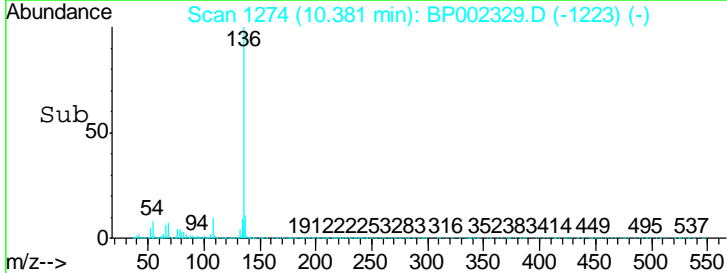
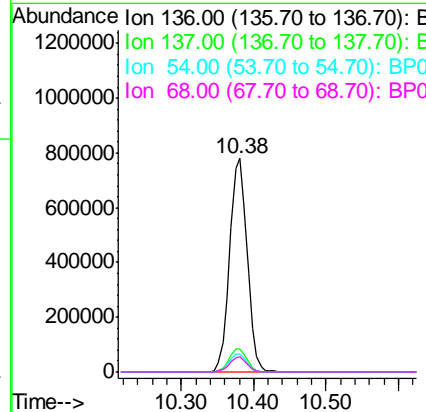
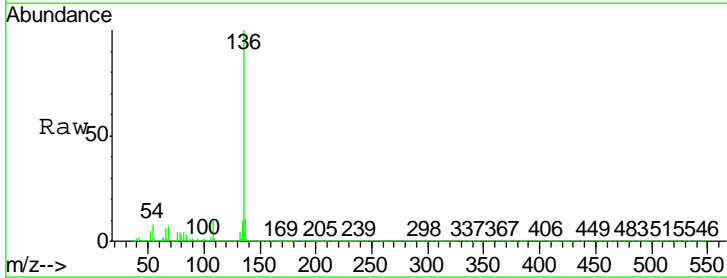
Instrument :  
 BNA\_P  
 ClientSampled :

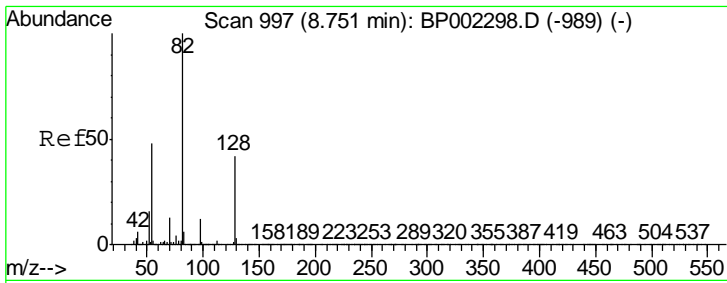
Tgt Ion	Resp	Lower	Upper
99	2855368		
42	18.1	13.9	20.9
71	33.2	25.8	38.8



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.38 min Scan# 1274  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
136	1308200		
137	11.1	8.8	13.2
54	8.3	6.9	10.3
68	6.9	5.6	8.4

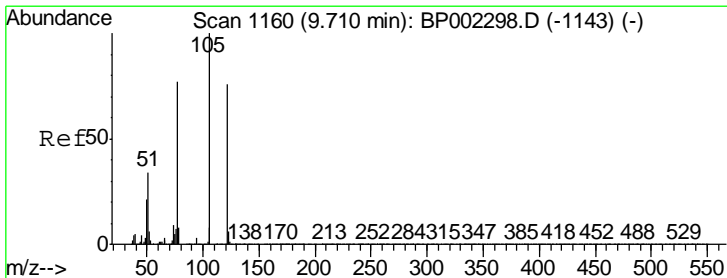
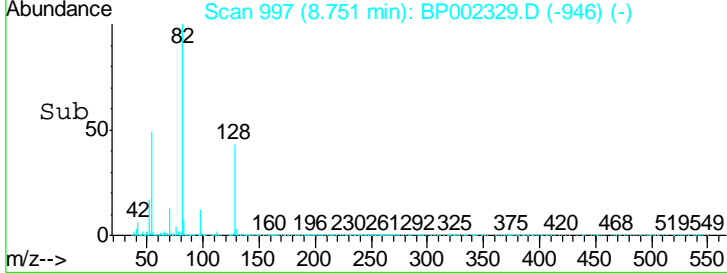
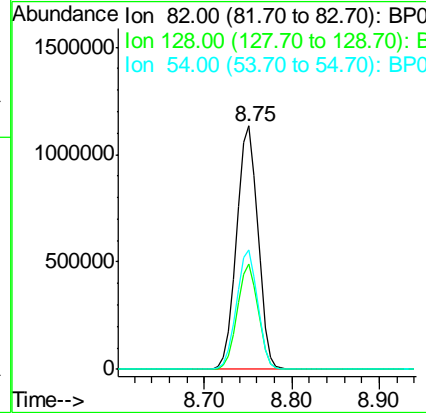
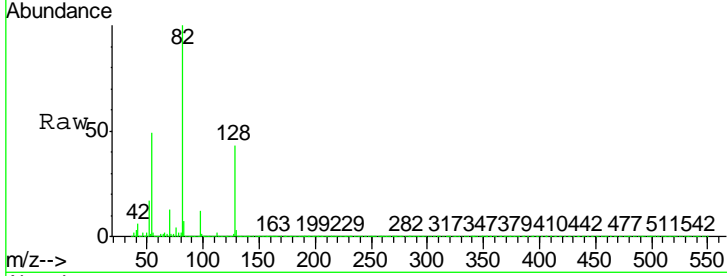




#23  
 Nitrobenzene-d5  
 Concen: 86.166 ng  
 RT: 8.75 min Scan# 997  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

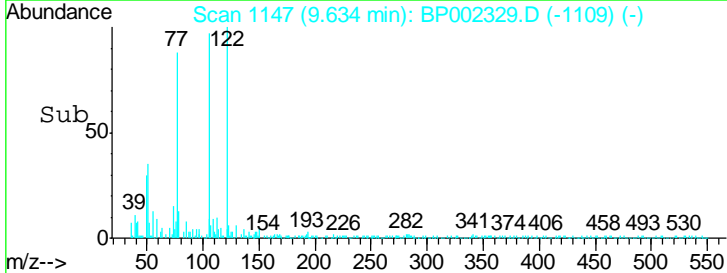
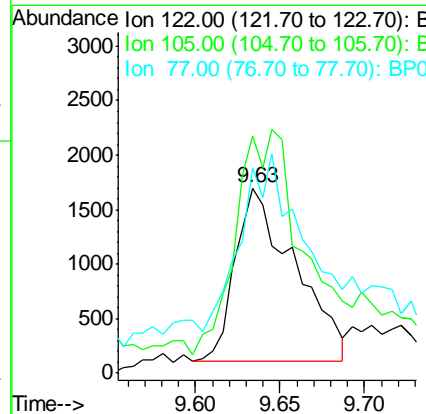
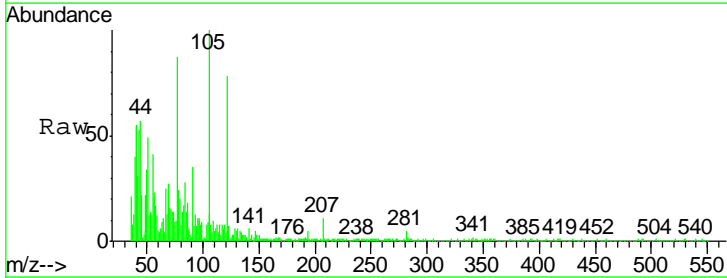
Instrument :  
 BNA\_P  
 ClientSampled :

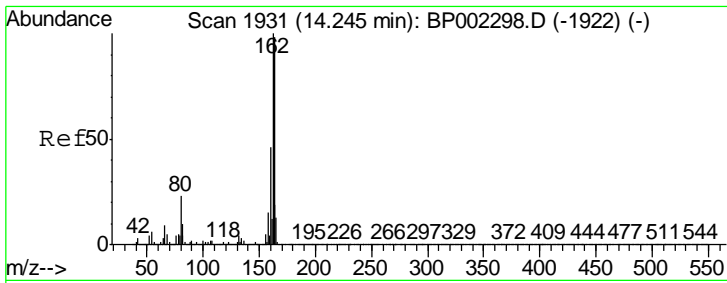
Tgt Ion	Resp	Lower	Upper
82	1874890		
128	43.2	33.4	50.0
54	49.2	38.3	57.5



#32  
 Benzoic acid  
 Concen: 5.081 ng  
 RT: 9.63 min Scan# 1147  
 Delta R.T. -0.08 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
122	3903		
105	127.9	102.7	142.7
77	111.1	74.8	114.8

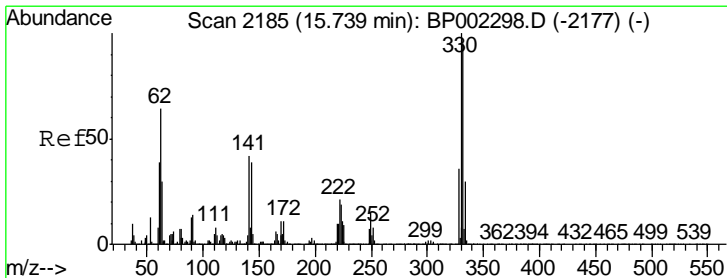
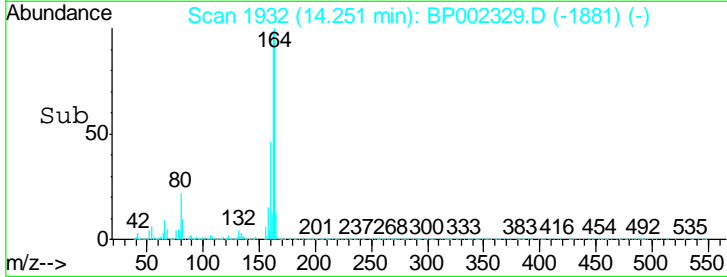
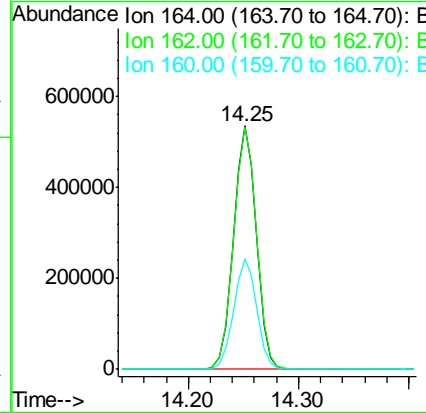
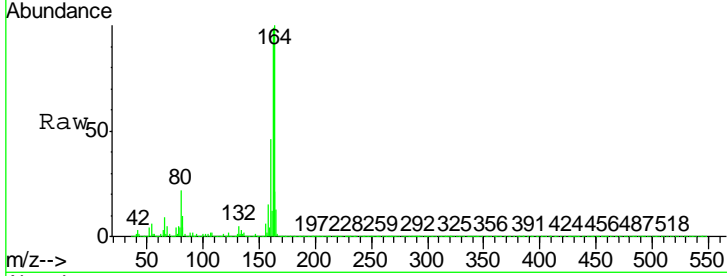




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.25 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

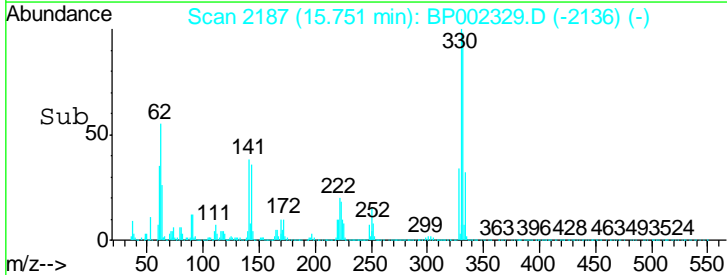
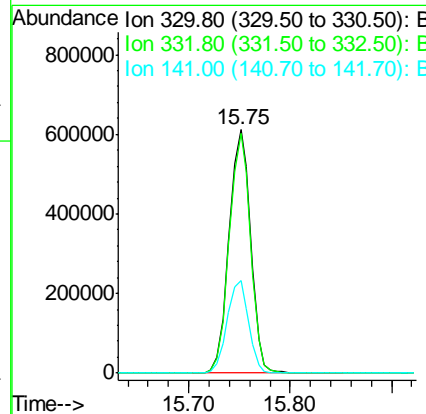
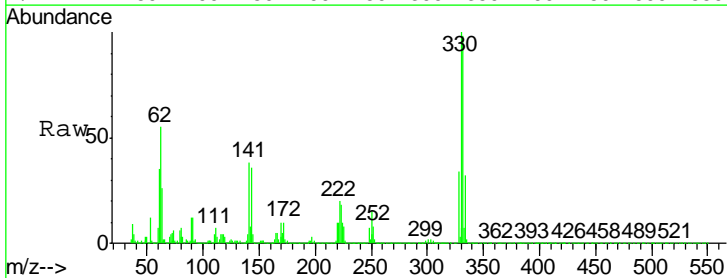
Instrument :  
 BNA\_P  
 ClientSampled :

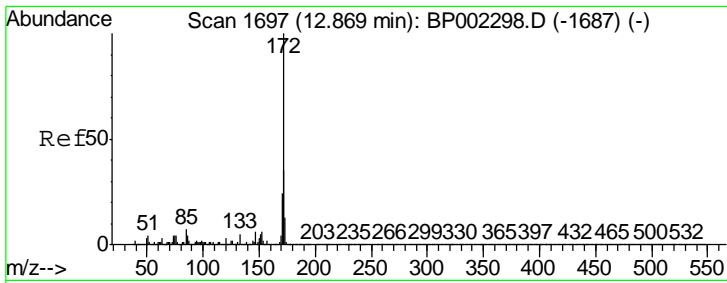
Tgt Ion	Resp	Lower	Upper
164	100		
162	99.4	81.3	121.9
160	45.5	37.2	55.8



#42  
 2,4,6-Tribromophenol  
 Concen: 123.260 ng  
 RT: 15.75 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	37.9	31.4	47.2



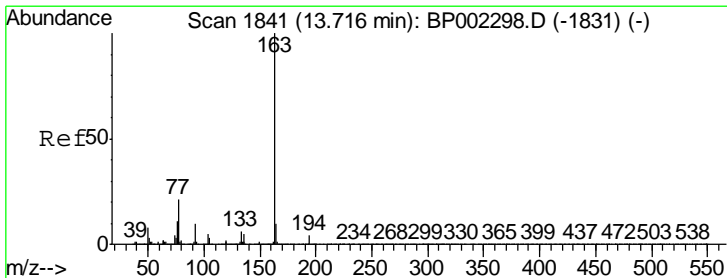
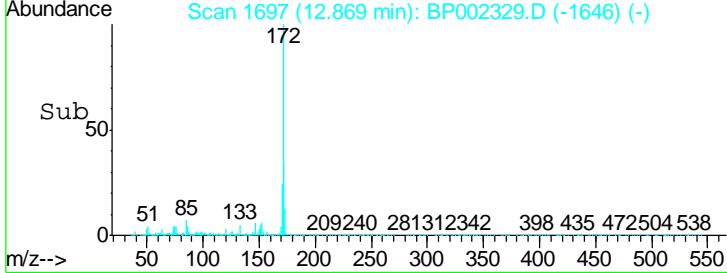
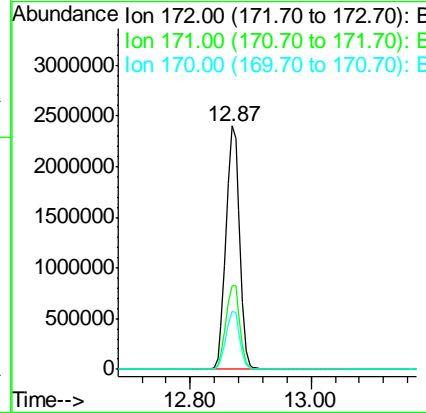
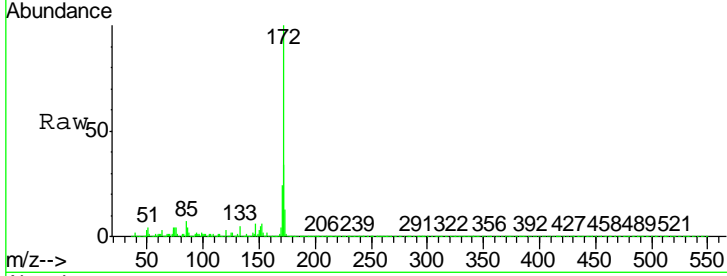


#45  
 2-Fluorobiphenyl  
 Concen: 85.497 ng  
 RT: 12.87 min Scan# 1697  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Instrument :  
 BNA\_P  
 ClientSampled :

Tgt Ion:172 Resp: 3749478

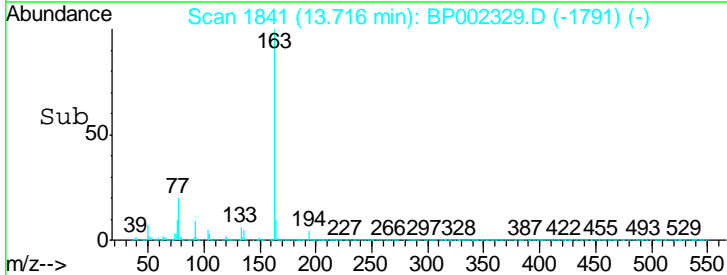
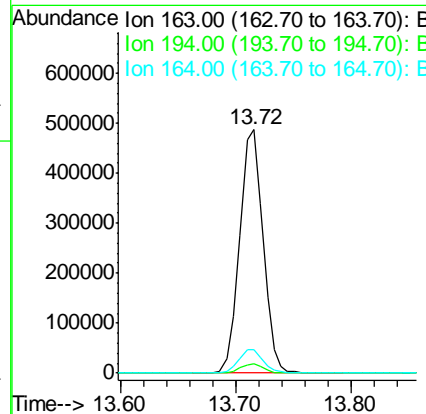
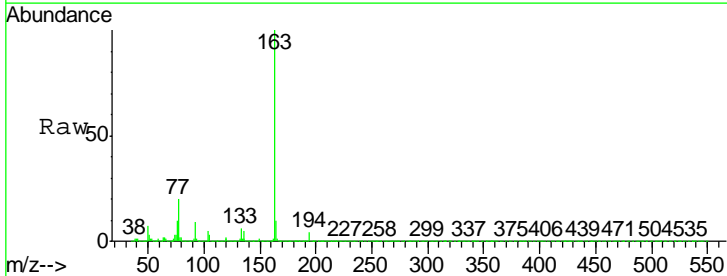
Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.6	41.4
170	23.9	18.9	28.3

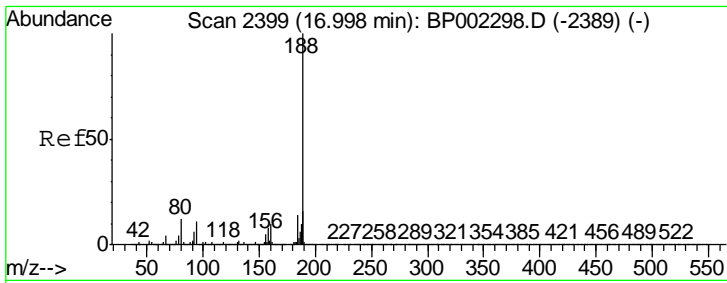


#50  
 Dimethylphthalate  
 Concen: 13.063 ng  
 RT: 13.72 min Scan# 1841  
 Delta R.T. -0.01 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion:163 Resp: 684231

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.8	8.1	12.1



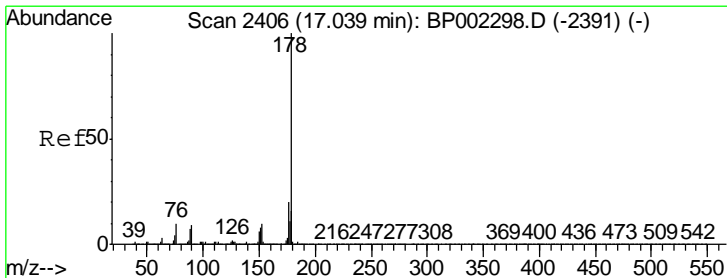
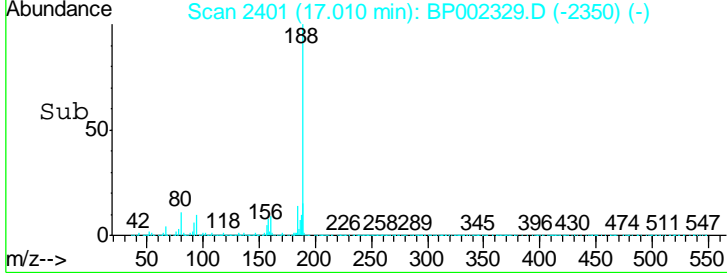
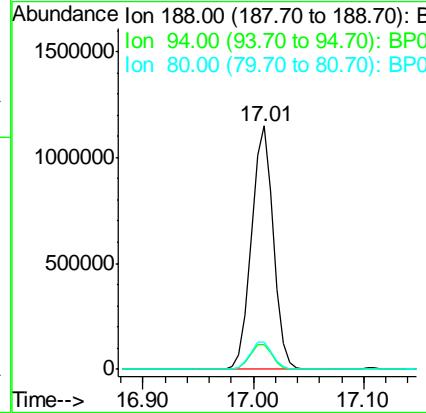
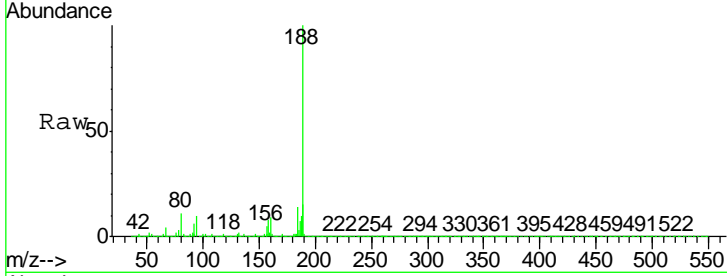


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.01 min Scan# 2401  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Instrument :  
 BNA\_P  
 ClientSampled :

Tgt Ion:188 Resp: 1592390

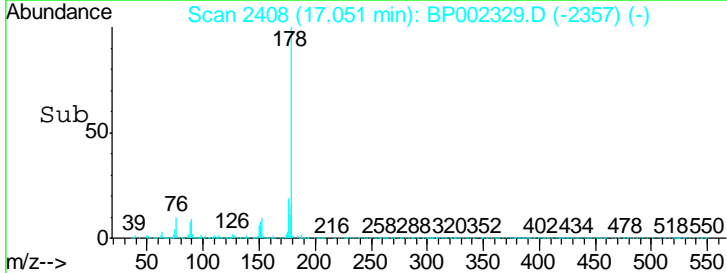
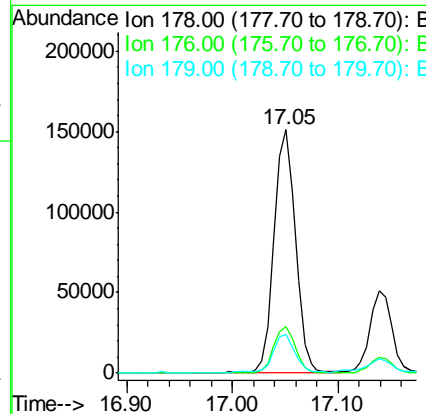
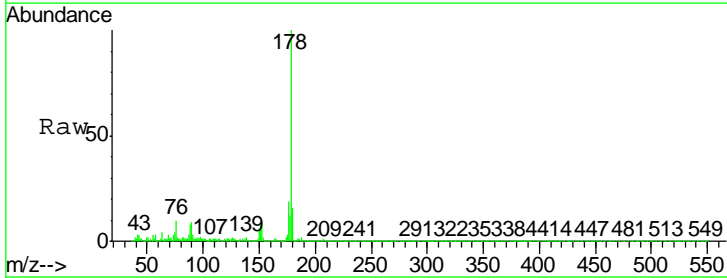
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.7	13.1
80	11.3	9.3	13.9



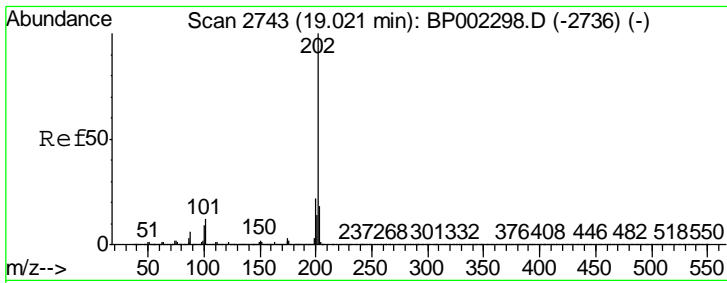
#71  
 Phenanthrene  
 Concen: 2.813 ng  
 RT: 17.05 min Scan# 2408  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion:178 Resp: 212205

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.1	12.6	18.8



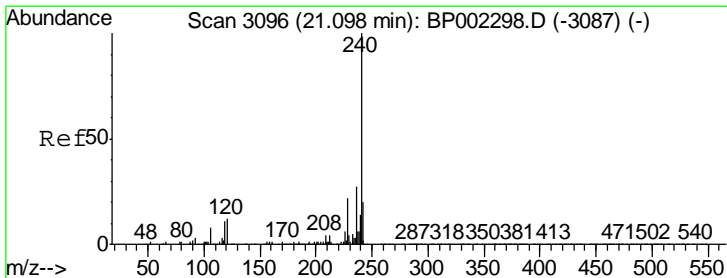
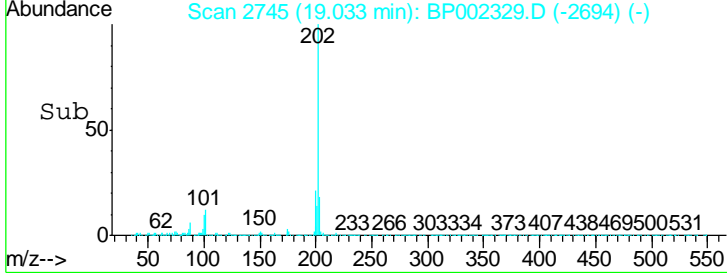
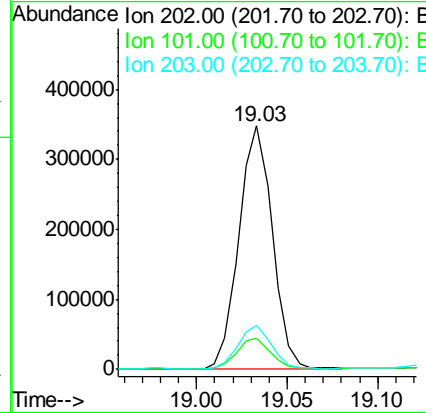
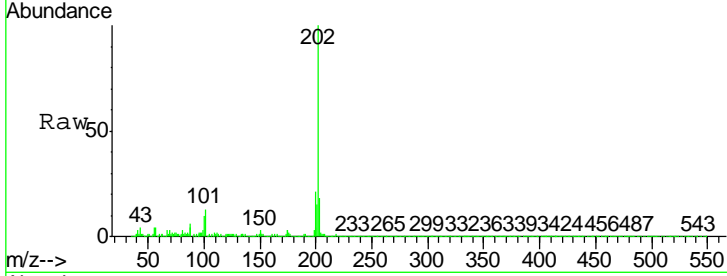




#75  
 Fluoranthene  
 Concen: 5.132 ng  
 RT: 19.03 min Scan# 2745  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

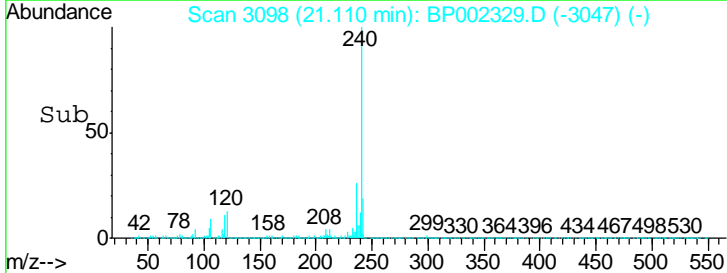
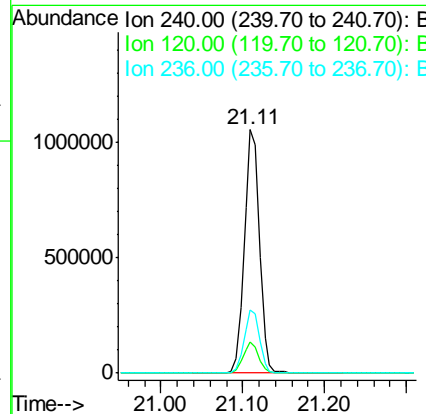
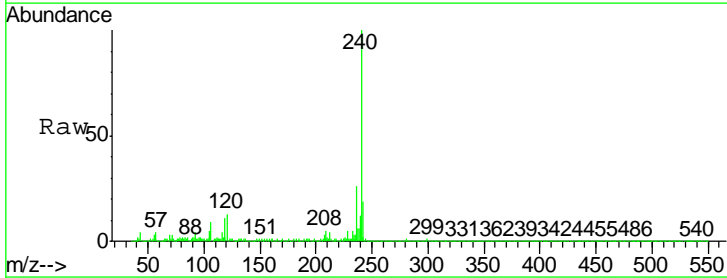
Instrument :  
 BNA\_P  
 ClientSampled :

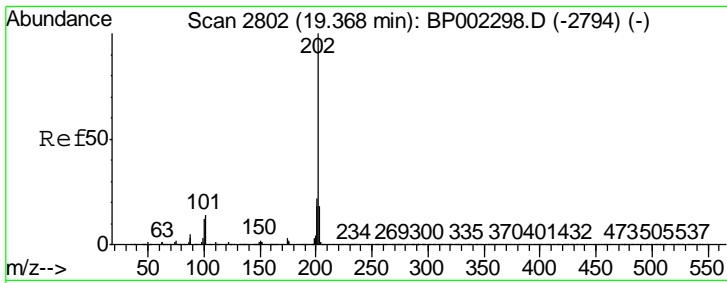
Tgt Ion	Resp	Lower	Upper
202	445876		
101	12.6	0.0	32.1
203	18.1	0.0	37.6



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.11 min Scan# 3098  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
240	1353534		
120	12.9	8.7	13.1
236	26.0	21.0	31.4

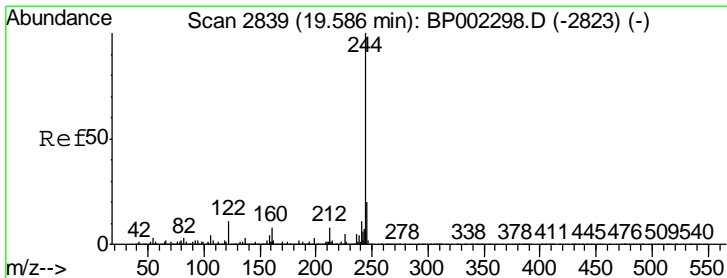
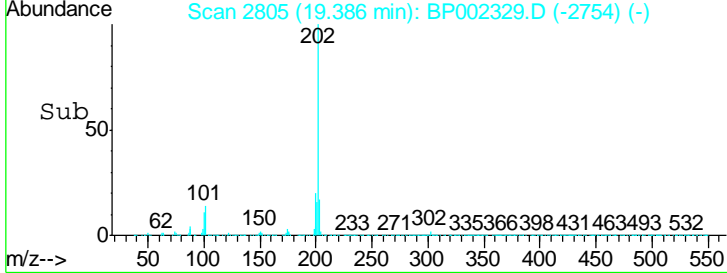
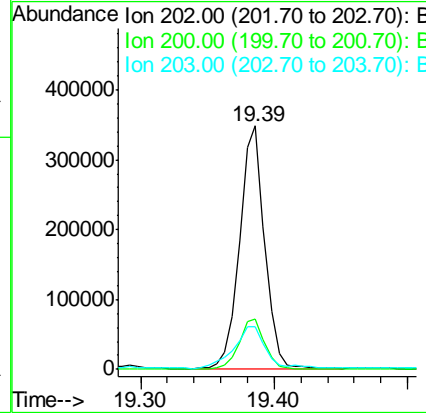
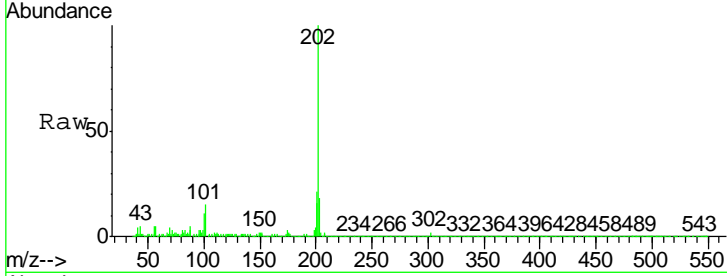




#78  
 Pyrene  
 Concen: 5.353 ng  
 RT: 19.39 min Scan# 2805  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

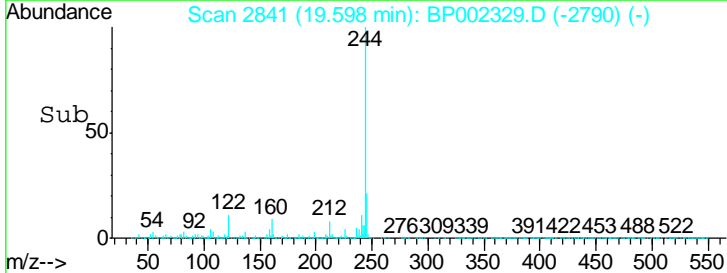
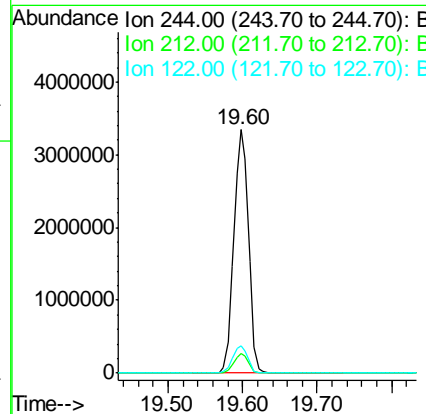
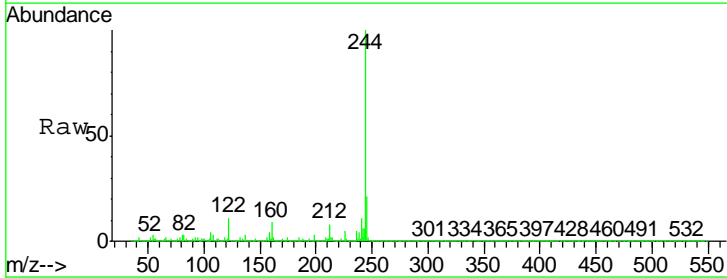
Instrument :  
 BNA\_P  
 ClientSampled :

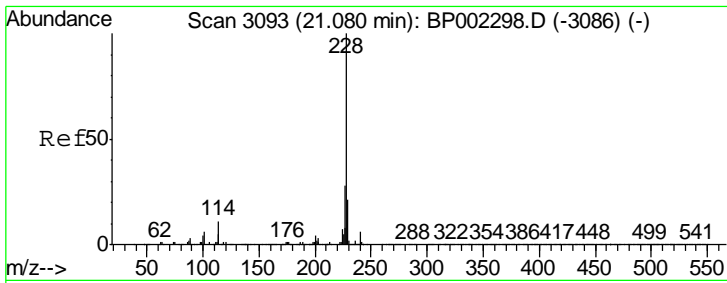
Tgt Ion	Resp	Lower	Upper
202	451186		
200	20.6	17.3	25.9
203	17.7	13.8	20.6



#79  
 Terphenyl-d14  
 Concen: 82.355 ng  
 RT: 19.60 min Scan# 2841  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
244	4602954		
212	8.1	6.4	9.6
122	11.2	9.4	14.0

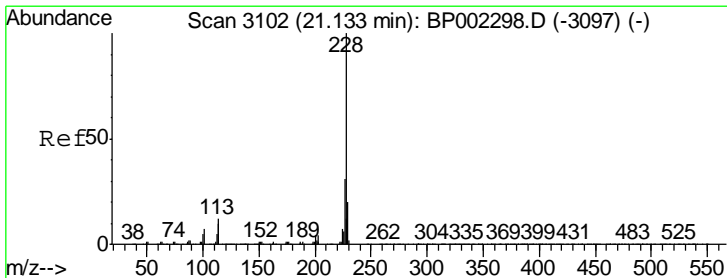
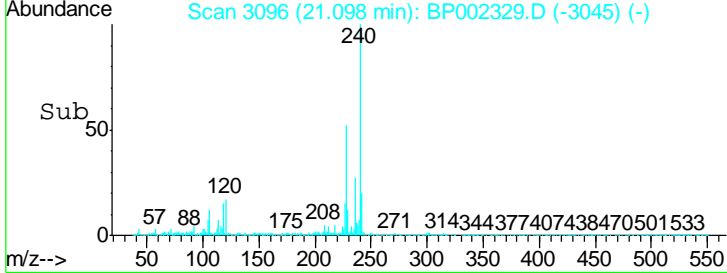
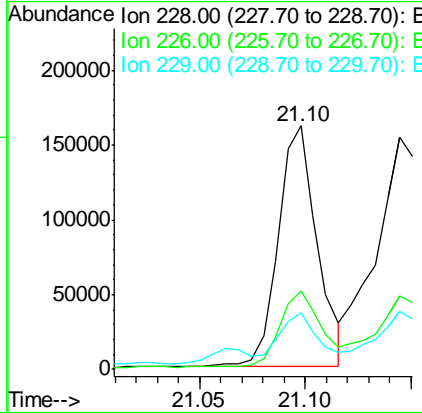
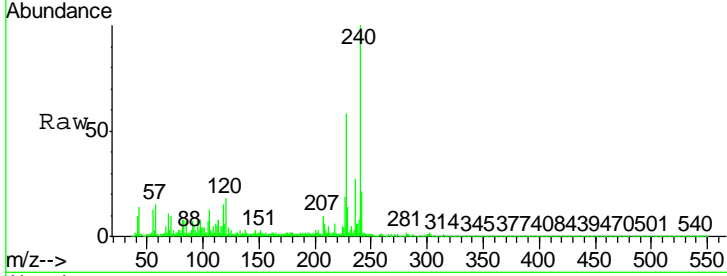




#81  
 Benzo(a)anthracene  
 Concen: 2.669 ng  
 RT: 21.10 min Scan# 3096  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

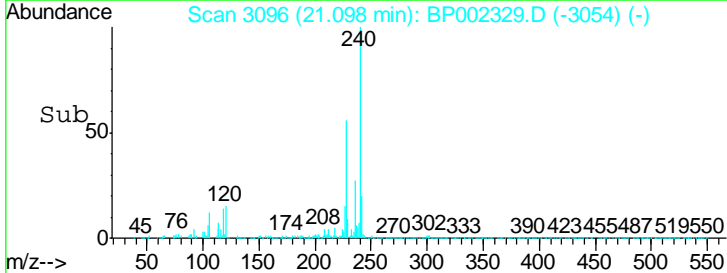
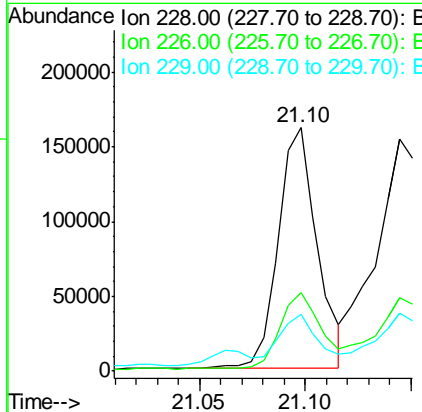
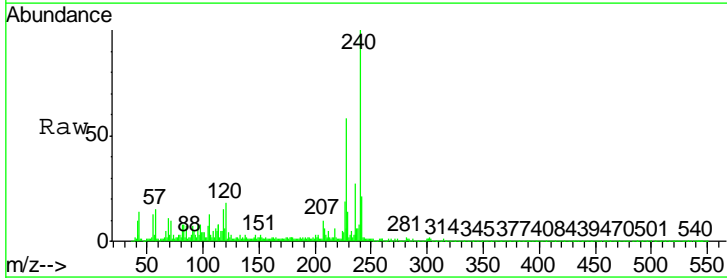
Instrument :  
 BNA\_P  
 ClientSampled :

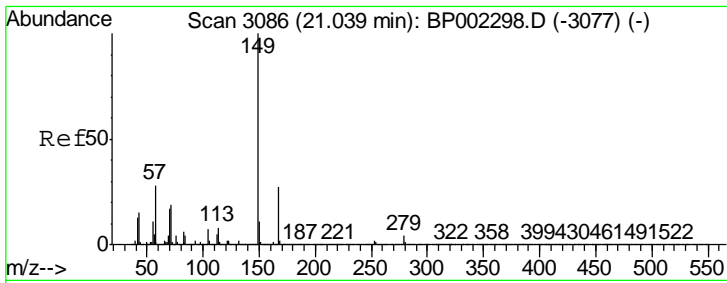
Tgt Ion	Resp	Lower	Upper
228	100		
226	32.2	22.7	34.1
229	23.5	16.3	24.5



#83  
 Chrysene  
 Concen: 2.781 ng  
 RT: 21.10 min Scan# 3096  
 Delta R.T. -0.05 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	23.5	16.2	24.4

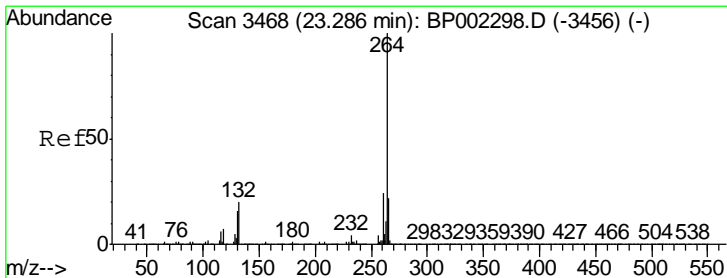
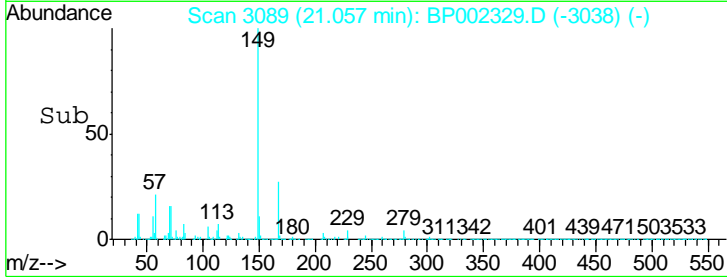
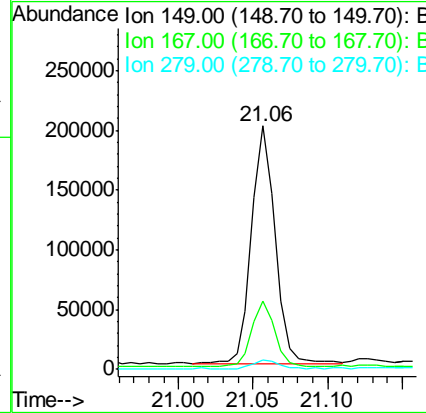
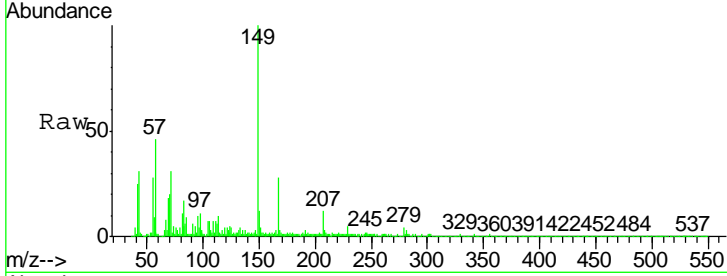




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.286 ng  
 RT: 21.06 min Scan# 3089  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

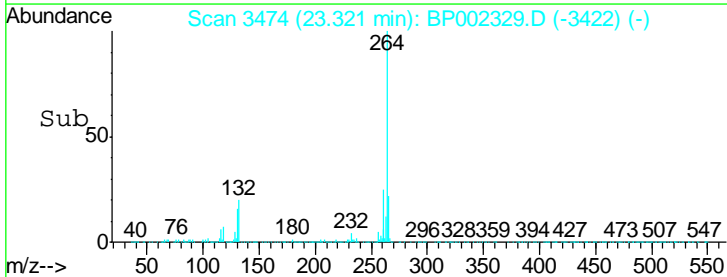
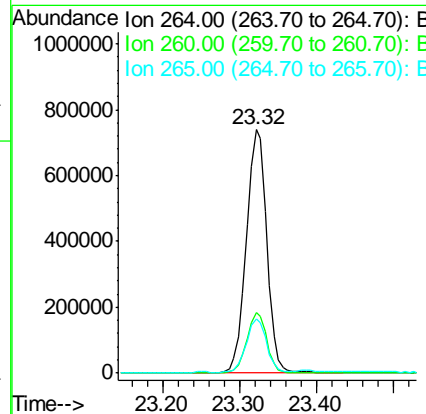
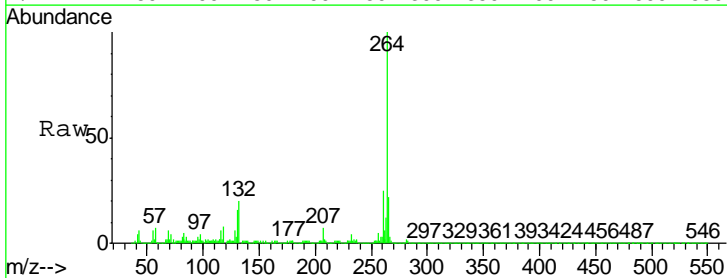
Instrument :  
 BNA\_P  
 ClientSampled :

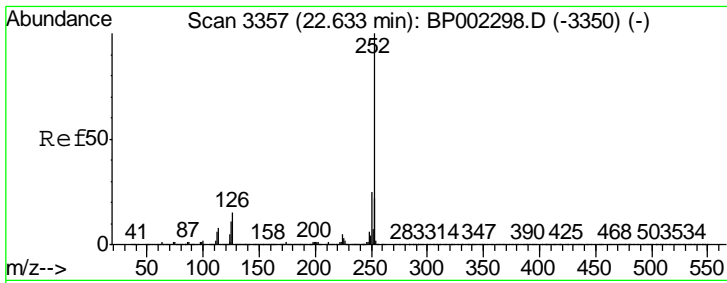
Tgt Ion	Resp	Lower	Upper
149	100		
167	27.9	23.0	34.6
279	3.9	3.9	5.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.32 min Scan# 3474  
 Delta R.T. 0.01 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.3	17.8	26.6

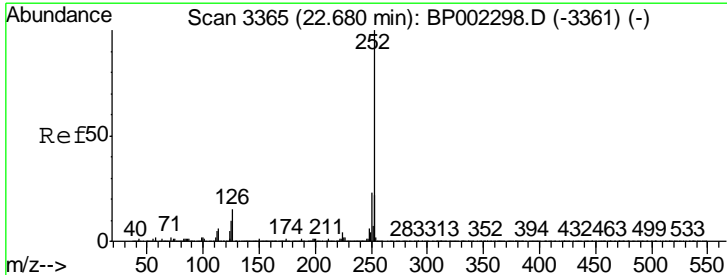
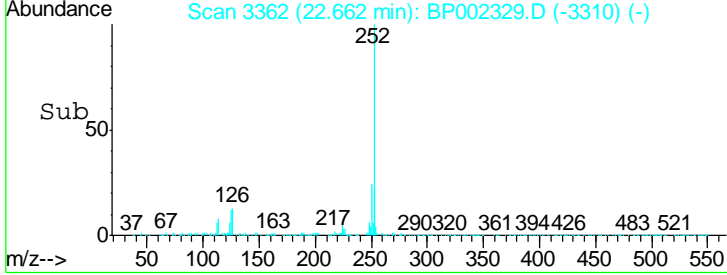
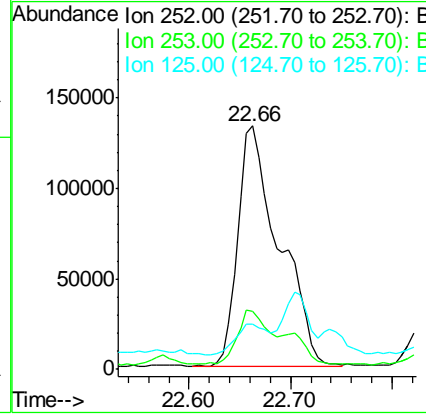
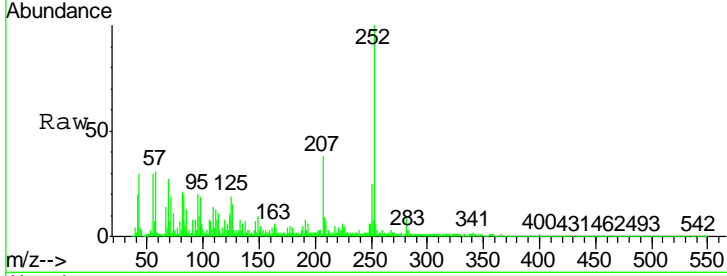




#88  
 Benzo(b)fluoranthene  
 Concen: 5.037 ng  
 RT: 22.66 min Scan# 3362  
 Delta R.T. 0.01 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

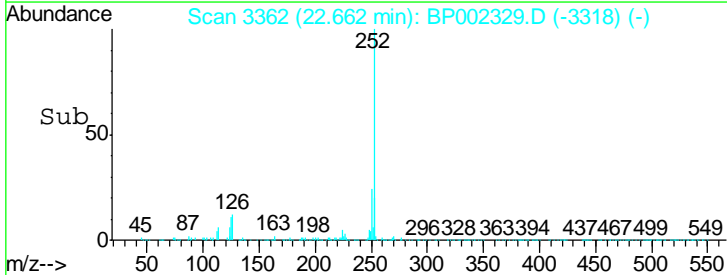
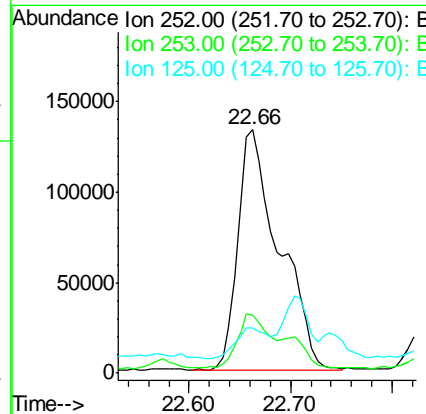
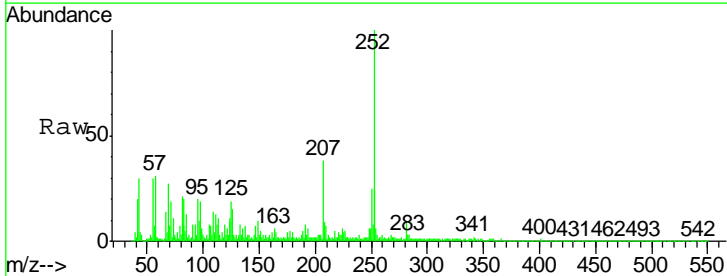
Instrument :  
 BNA\_P  
 ClientSampled :

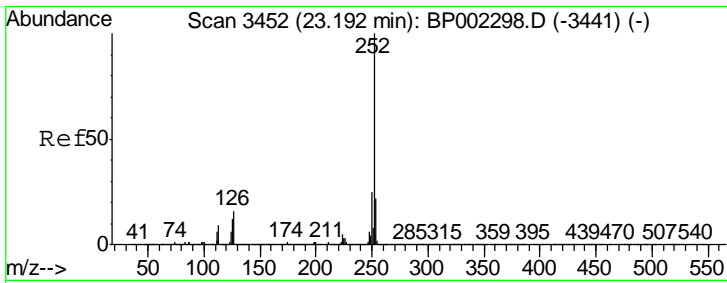
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	18.6	7.2	10.8#



#89  
 Benzo(k)fluoranthene  
 Concen: 5.249 ng  
 RT: 22.66 min Scan# 3362  
 Delta R.T. -0.04 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	18.6	7.4	11.2#

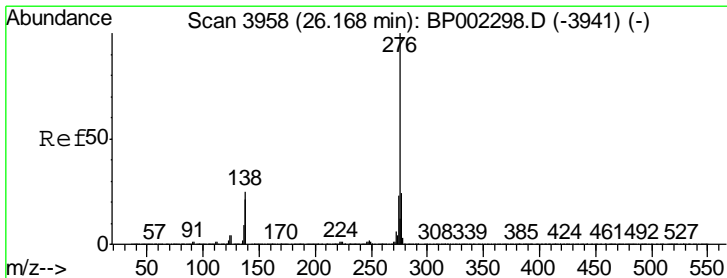
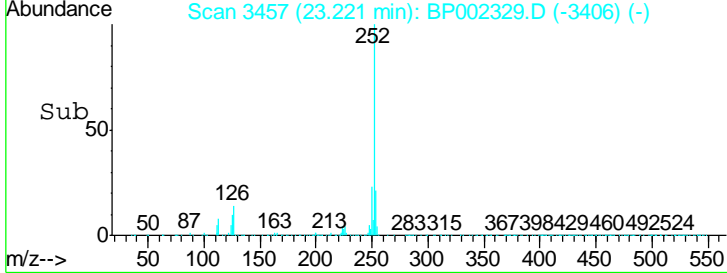
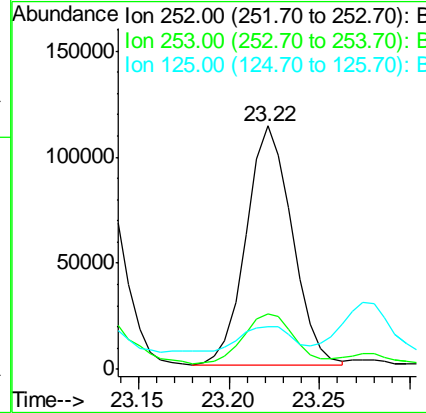
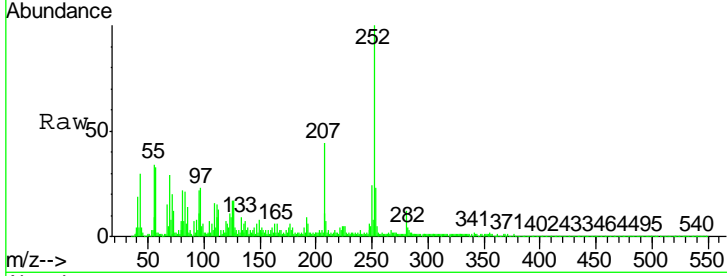




#90  
 Benzo(a)pyrene  
 Concen: 2.844 ng  
 RT: 23.22 min Scan# 3457  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Instrument :  
 BNA\_P  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
252	197401		
253	22.6	18.0	27.0
125	17.4	8.4	12.6



#92  
 Benzo(g,h,i)perylene  
 Concen: 2.141 ng  
 RT: 26.22 min Scan# 3966  
 Delta R.T. -0.00 min  
 Lab File: BP002329.D  
 Acq: 29 May 2020 23:09

Tgt Ion	Resp	Lower	Upper
276	151261		
277	23.6	18.6	28.0
138	27.8	16.0	24.0

