

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031020\
 Data File : BP002153.D
 Acq On : 10 Mar 2020 16:48
 Operator : CG/JU
 Sample : L1843-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB5S7

Quant Time: Mar 10 17:20:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 09 15:02:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	357797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1447642	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	877071	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1832888	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1763225	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2232434	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	38966	4.68	ng/uL	0.00
5) Phenol-d5	6.82	99	140255	5.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	258175	17.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	373823	15.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	260239	11.60	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	188664	16.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	205535	16.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	436633	18.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	449153	17.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1330746	20.05	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1509006	19.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	36658	2.89	ng/ul	0.02
58) Fluorene-d10	15.27	176	1107912	19.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	54175	5.36	ng/ul	0.00
71) Anthracene-d10	17.12	188	1719724	20.88	ng/ul	0.00
79) Pyrene-d10	19.37	212	1952508	21.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2315024	20.27	ng/ul	0.00

Target Compounds

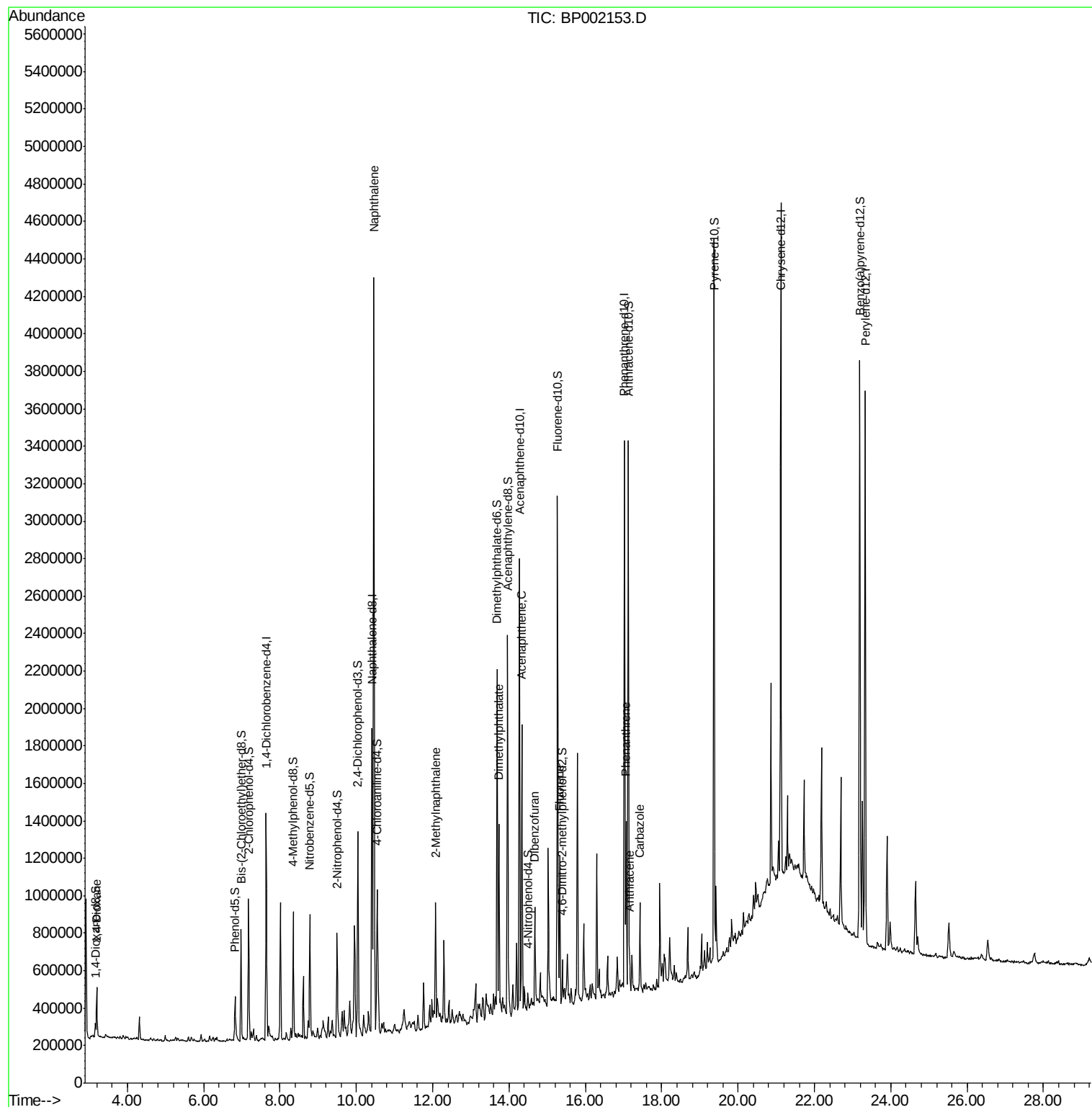
					Ovalue
2) 1,4-Dioxane	3.20	88	154243	17.380	ng/uL 96
28) Naphthalene	10.46	128	3474966	44.805	ng/ul 99
34) 2-Methylnaphthalene	12.07	142	319325	5.862	ng/ul 97
45) Dimethylphthalate	13.73	163	695917	10.157	ng/ul 100
50) Acenaphthene	14.33	153	636849	11.253	ng/ul 98
54) Dibenzofuran	14.67	168	338735	4.238	ng/ul 99
59) Fluorene	15.33	166	348977	5.463	ng/ul 96
70) Phenanthrene	17.07	178	580740	5.751	ng/ul 99
72) Anthracene	17.16	178	106633	1.067	ng/ul 97
75) Carbazole	17.43	167	323658	3.845	ng/ul 99

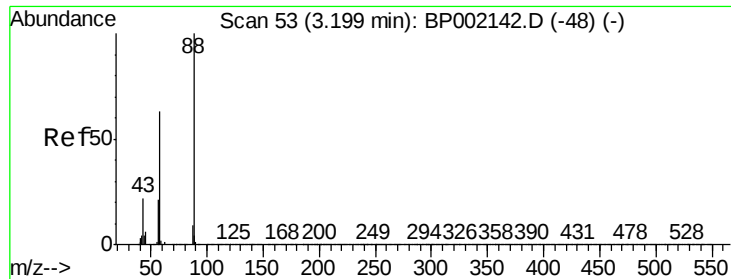
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 17.380 ng/uL

RT: 3.20 min Scan# 53

Delta R.T. -0.00 min

Lab File: BP002153.D

Acq: 10 Mar 2020 16:48

Instrument :

BNA_P

ClientSampled :

CB5S7

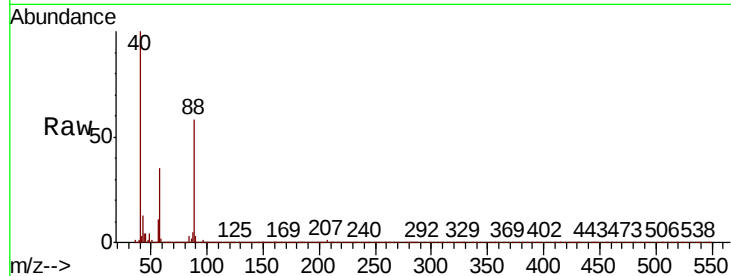
Tot Ion: 88 Resp: 154243

Ion Ratio Lower Upper

88 100

43 22.7 22.6 34.0

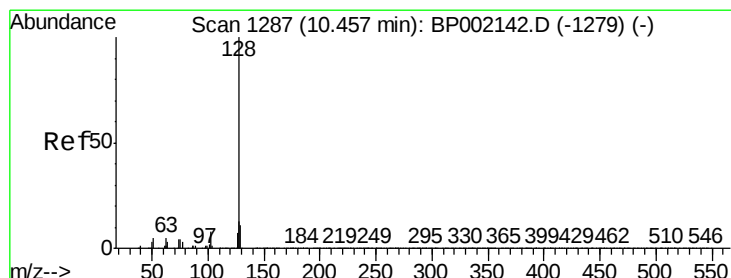
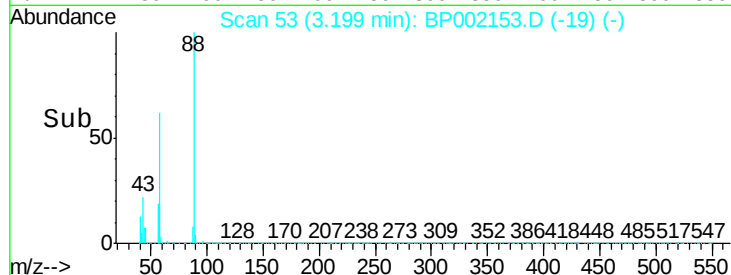
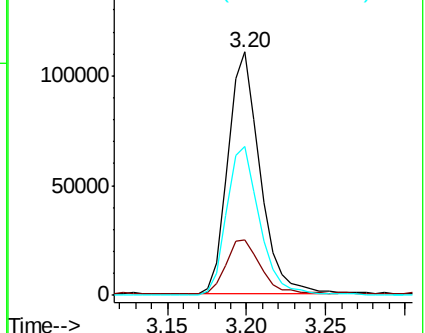
58 61.3 49.6 74.4



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

Ion 58.00 (57.70 to 58.70): BP0



#28

Naphthalene

Concen: 44.805 ng/uL

RT: 10.46 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BP002153.D

Acq: 10 Mar 2020 16:48

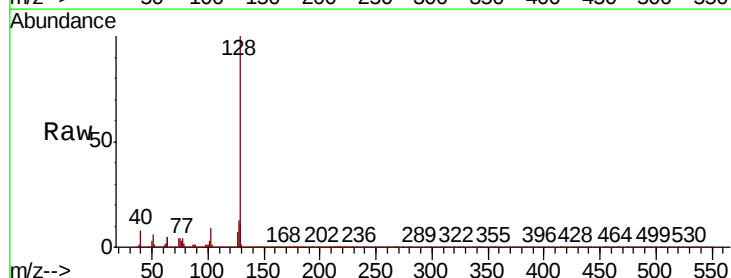
Tgt Ion: 128 Resp: 3474966

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

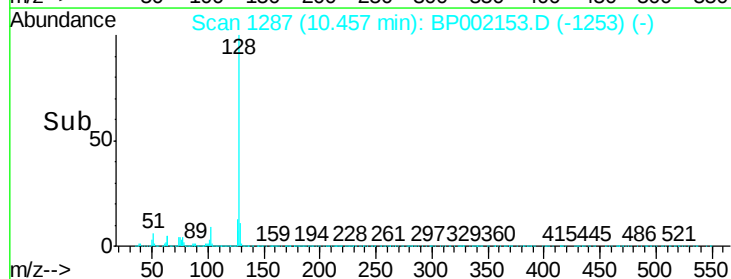
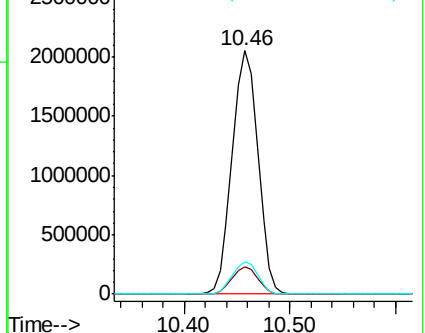
127 13.5 10.2 15.2

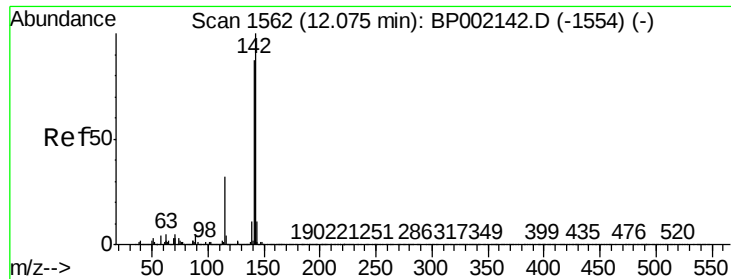


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

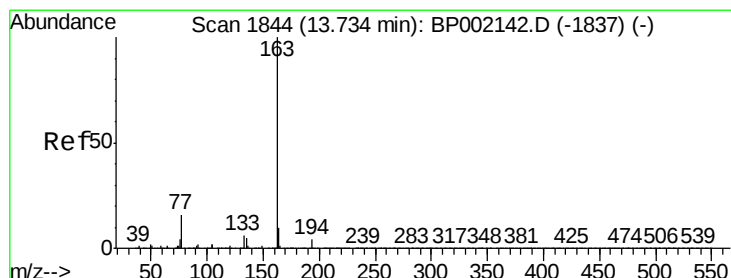
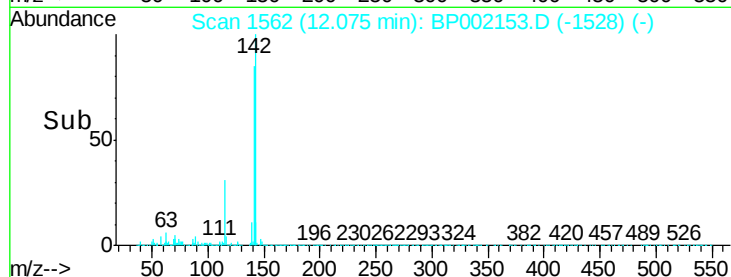
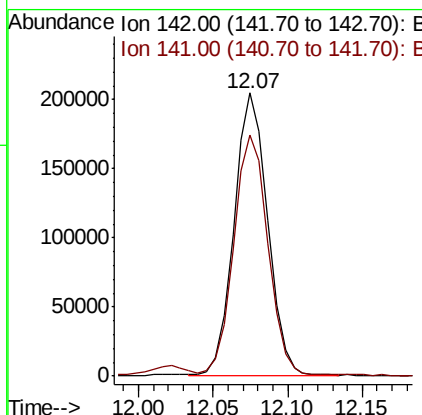
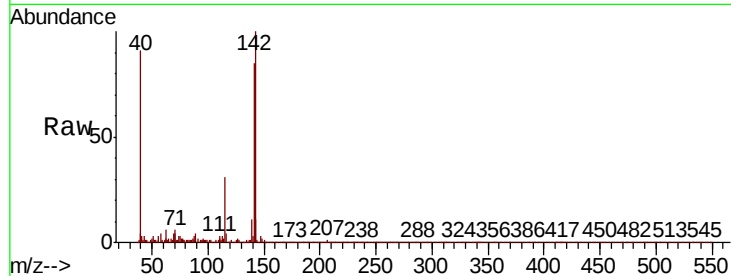




#34
 2-Methylnaphthalene
 Concen: 5.862 ng/ul
 RT: 12.07 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BP002153.D
 Acq: 10 Mar 2020 16:48

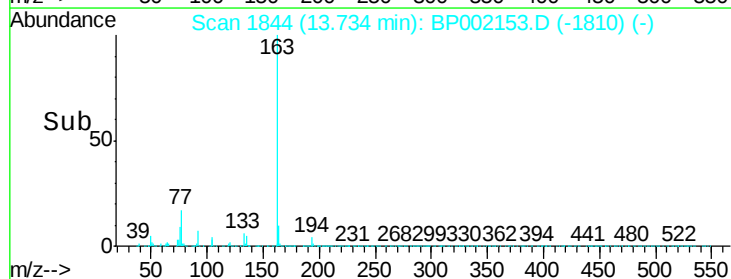
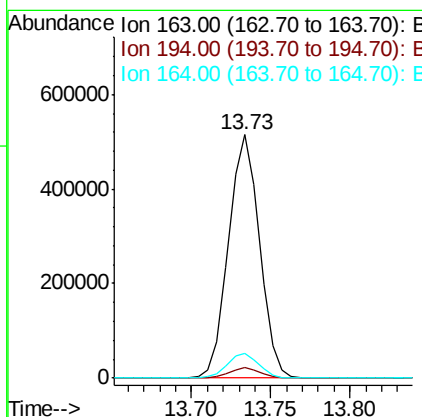
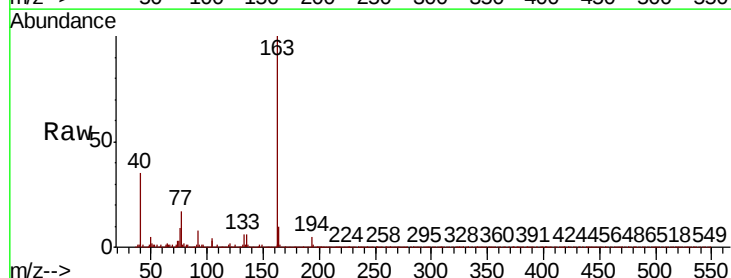
Instrument :
 BNA_P
 ClientSampleId :
 CB5S7

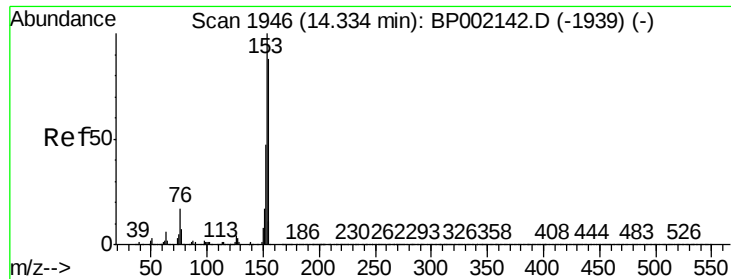
Tot Ion:142 Resp: 319325
 Ion Ratio Lower Upper
 142 100
 141 85.4 70.8 106.2



#45
 Dimethylphthalate
 Concen: 10.157 ng/ul
 RT: 13.73 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP002153.D
 Acq: 10 Mar 2020 16:48

Tgt Ion:163 Resp: 695917
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.6 5.4
 164 10.4 8.2 12.4





#50

Acenaphthene

Concen: 11.253 ng/ul

RT: 14.33 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BP002153.D

Acq: 10 Mar 2020 16:48

Instrument :

BNA_P

ClientSampleId :

CB5S7

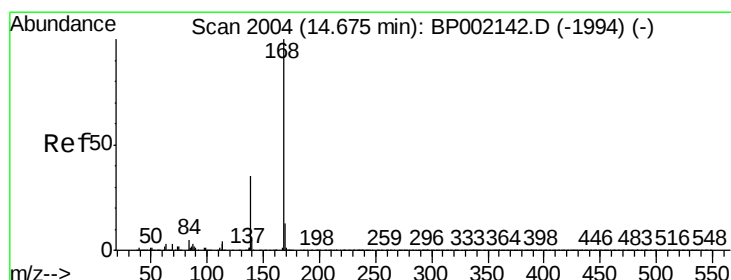
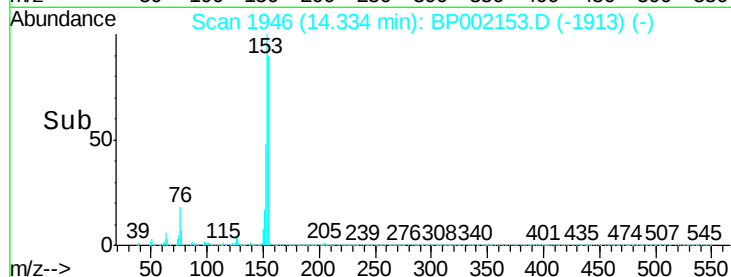
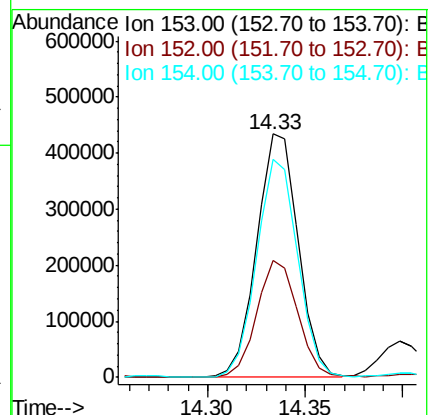
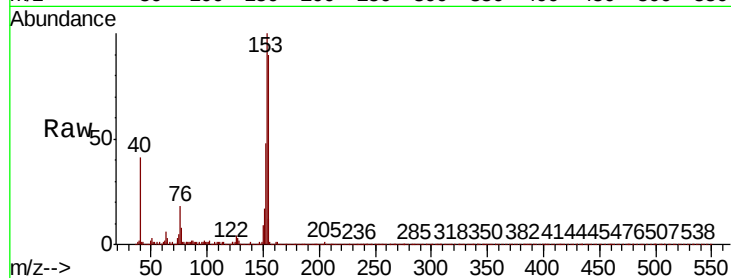
Tot Ion:153 Resp: 636849

Ion Ratio Lower Upper

153 100

152 47.9 37.1 55.7

154 89.6 70.5 105.7



#54

Dibenzofuran

Concen: 4.238 ng/ul

RT: 14.67 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BP002153.D

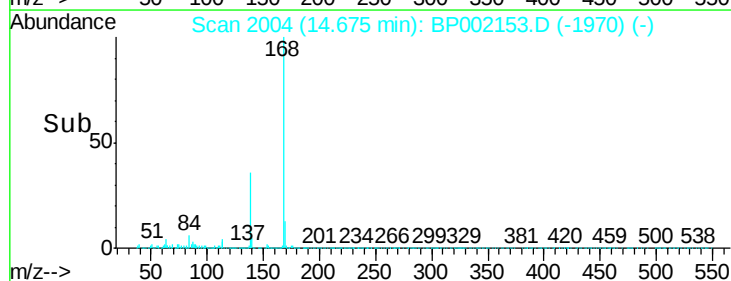
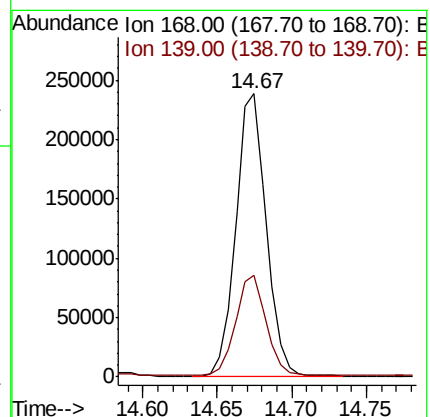
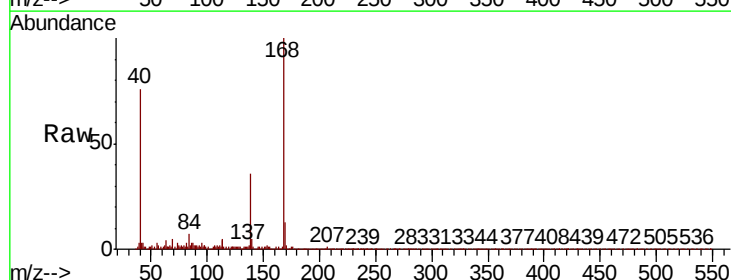
Acq: 10 Mar 2020 16:48

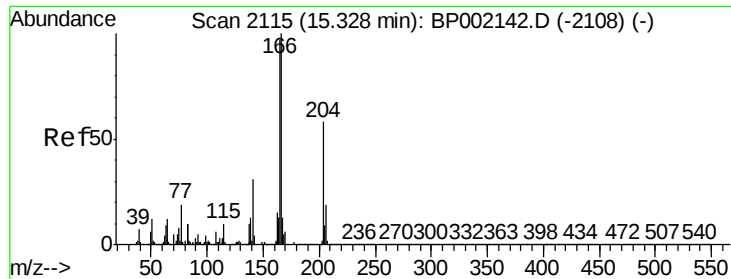
Tgt Ion:168 Resp: 338735

Ion Ratio Lower Upper

168 100

139 35.9 28.3 42.5





#59

Fluorene

Concen: 5.463 ng/ul

RT: 15.33 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BP002153.D

Acq: 10 Mar 2020 16:48

Instrument :

BNA_P

ClientSampleId :

CB5S7

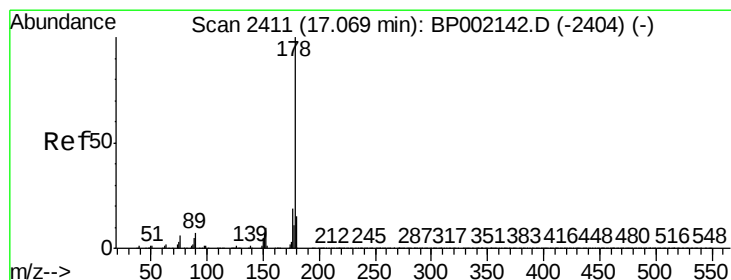
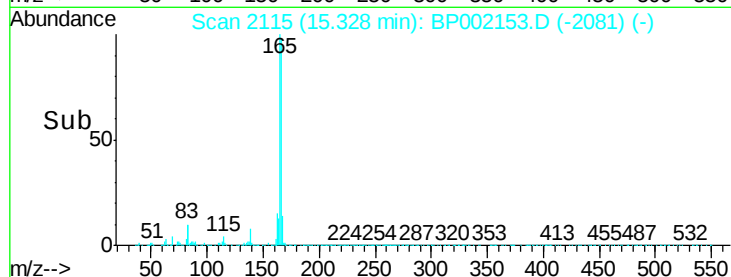
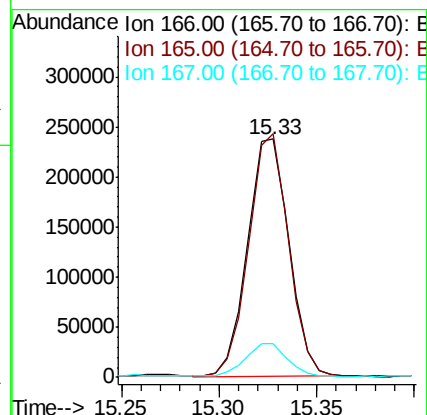
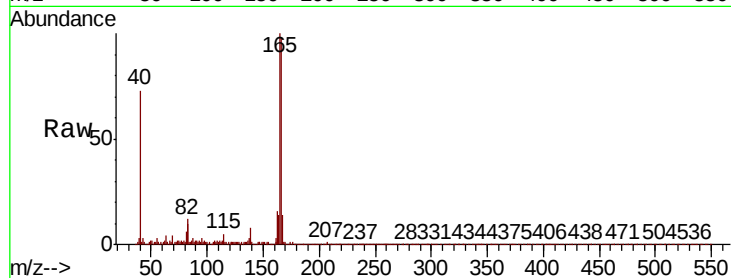
Tot Ion:166 Resp: 348977

Ion Ratio Lower Upper

166 100

165 102.2 78.1 117.1

167 14.3 10.7 16.1



#70

Phenanthrene

Concen: 5.751 ng/ul

RT: 17.07 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BP002153.D

Acq: 10 Mar 2020 16:48

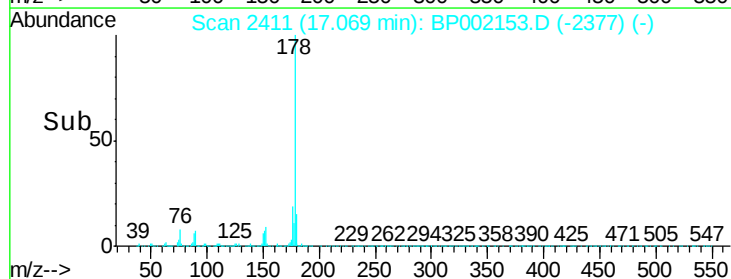
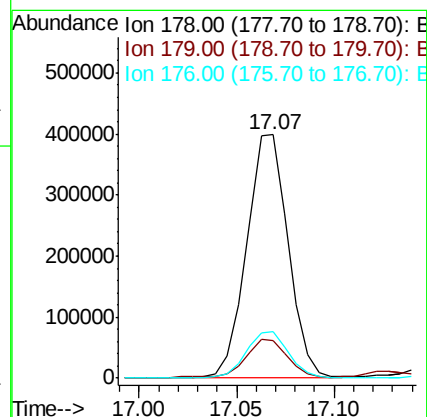
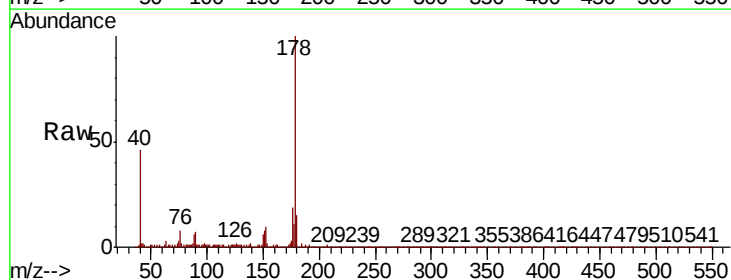
Tgt Ion:178 Resp: 580740

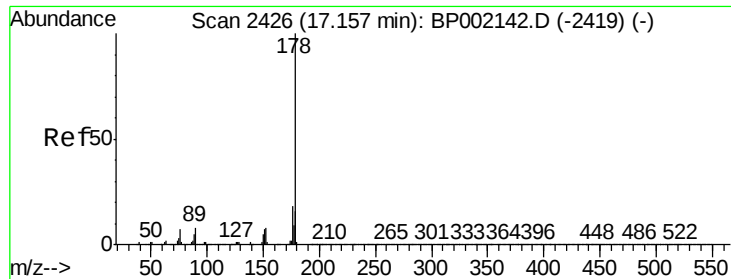
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.9 14.9 22.3





#72

Anthracene

Concen: 1.067 ng/ul

RT: 17.16 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BP002153.D

Acq: 10 Mar 2020 16:48

Instrument :

BNA_P

ClientSampleId :

CB5S7

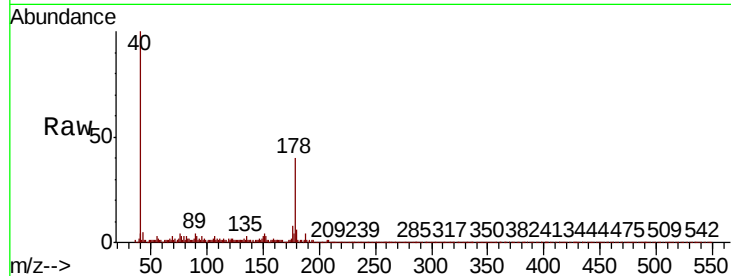
Tot Ion:178 Resp: 106633

Ion Ratio Lower Upper

178 100

179 15.9 12.8 19.2

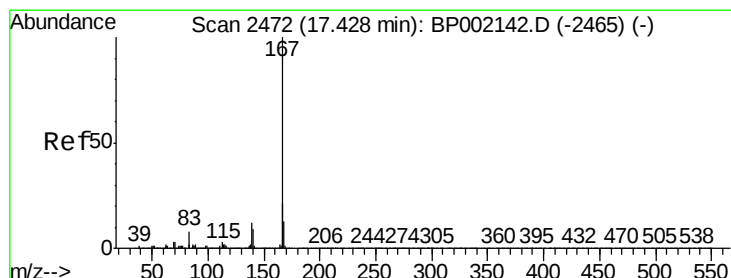
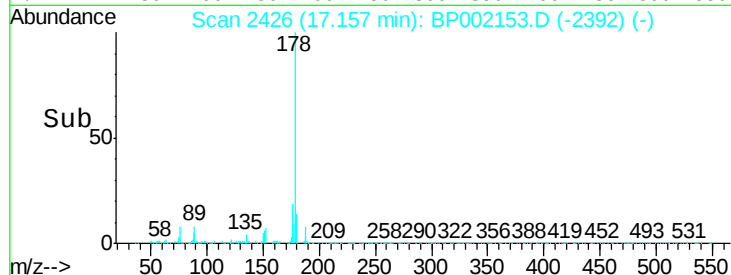
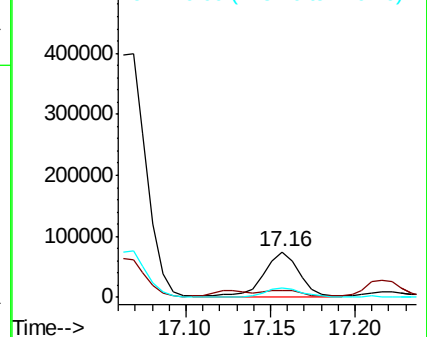
176 20.6 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 3.845 ng/ul

RT: 17.43 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BP002153.D

Acq: 10 Mar 2020 16:48

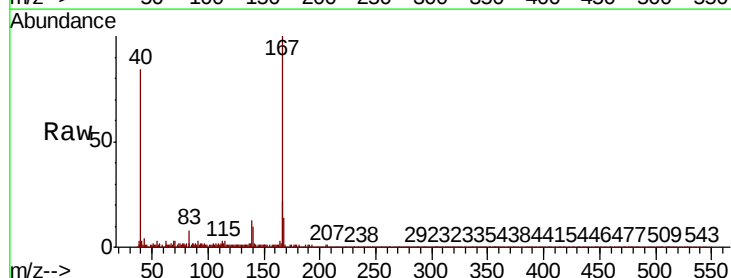
Tgt Ion:167 Resp: 323658

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.1 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

