

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
 Data File : BP005100.D
 Acq On : 30 Mar 2021 12:58
 Operator : CG/JU
 Sample : M1800-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D8HE4

Quant Time: Mar 30 13:30:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 29 15:02:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	24128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	96526	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.37	164	64142	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	130027	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	134874	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	137043	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1071	1.68	ng/uL	0.00
5) Phenol-d5	6.89	99	17631	8.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	43144	39.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	45916	31.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	32025	20.18	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	29610	41.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	33914	43.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	57294	37.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	5129	3.03	ng/ul	0.02
44) Dimethylphthalate-d6	13.79	166	194363	41.73	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	234663	40.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	5903	7.76	ng/ul	0.00
58) Fluorene-d10	15.37	176	168776	41.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	36151	42.10	ng/ul	0.00
71) Anthracene-d10	17.23	188	273429	46.71	ng/ul	0.00
79) Pyrene-d10	19.47	212	310309	48.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	341416	48.50	ng/ul	0.00

Target Compounds

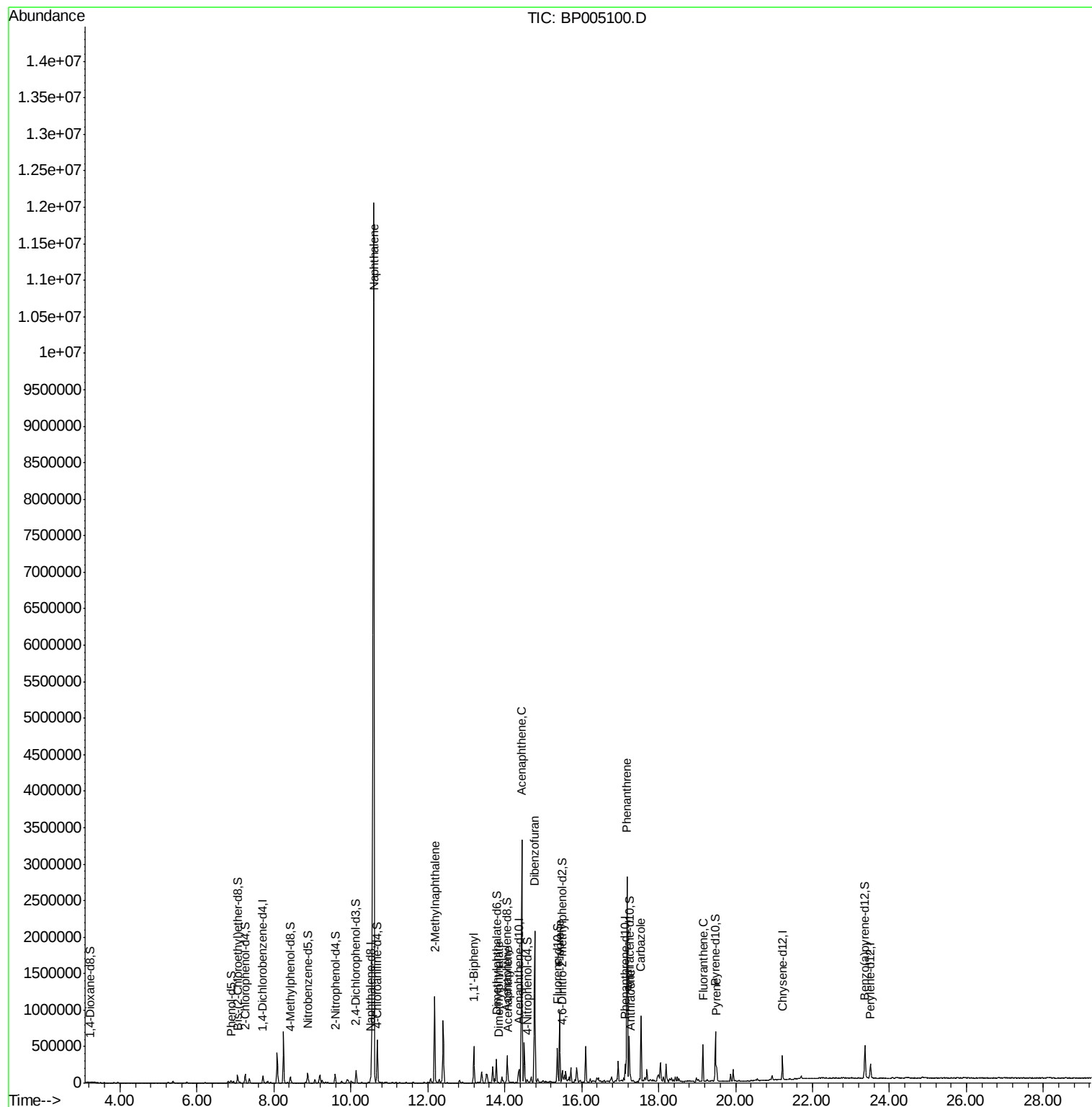
					Ovalue	
28) Naphthalene	10.60	128	12915893	2541.861	ng/ul	97
34) 2-Methylnaphthalene	12.18	142	511797	140.772	ng/ul	98
41) 1,1'-Biphenyl	13.20	154	243540	50.438	ng/ul	97
45) Dimethylphthalate	13.83	163	7434	1.561	ng/ul#	97
48) Acenaphthylene	14.09	152	10699	1.950	ng/ul#	82
50) Acenaphthene	14.45	153	1284650	325.814	ng/ul	99
54) Dibenzofuran	14.78	168	1199854	208.387	ng/ul	99
59) Fluorene	15.43	166	405230	85.339	ng/ul	98
70) Phenanthrene	17.18	178	1644817	235.488	ng/ul	100
72) Anthracene	17.26	178	52823	7.482	ng/ul	100
75) Carbazole	17.55	167	537129	87.950	ng/ul	99
77) Fluoranthene	19.15	202	276241	33.460	ng/ul	97
80) Pyrene	19.50	202	148026	17.747	ng/ul	98

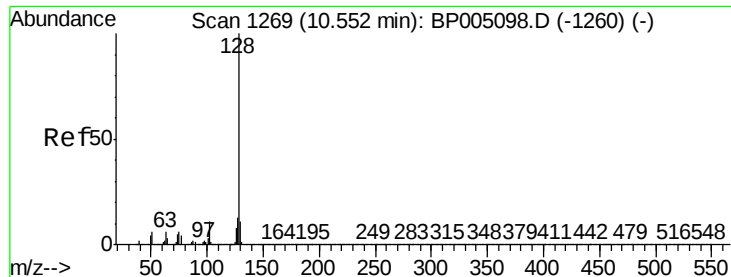
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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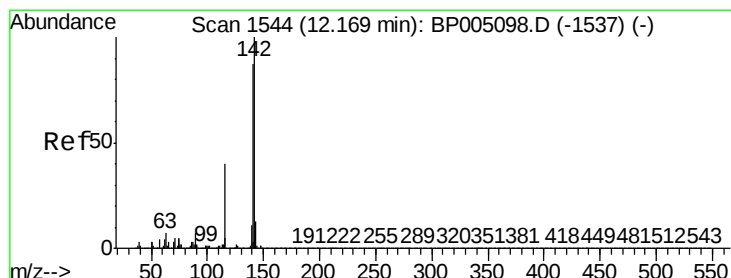
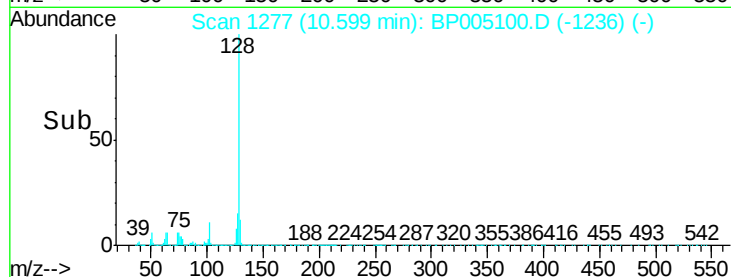
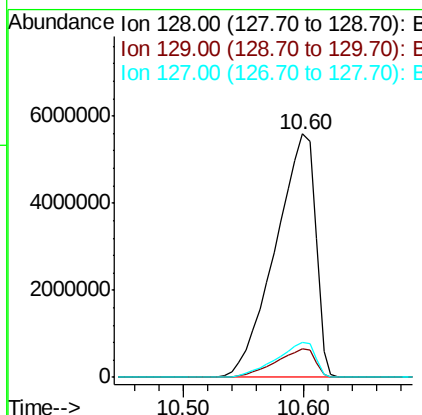
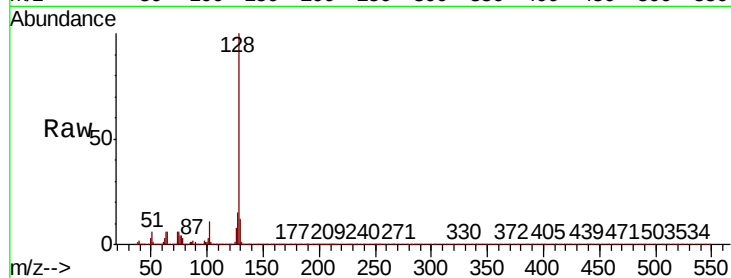




#28
Naphthalene
Concen: 2541.861 ng/ul
RT: 10.60 min Scan# 1277
Delta R.T. 0.04 min
Lab File: BP005100.D
Acq: 30 Mar 2021 12:58

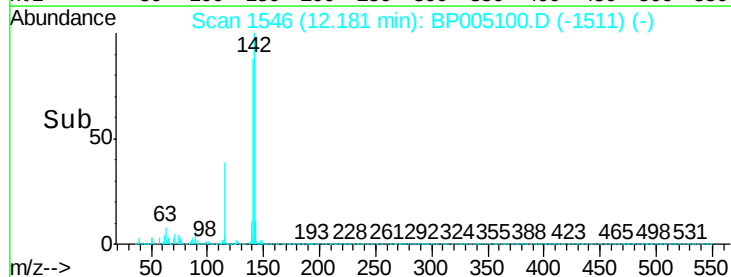
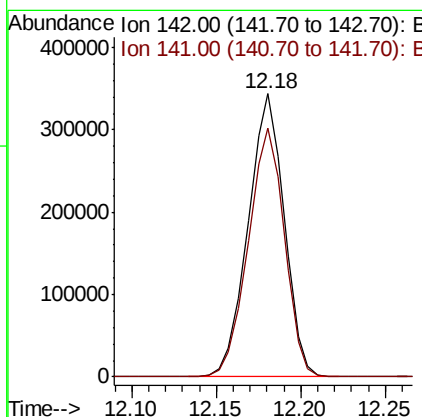
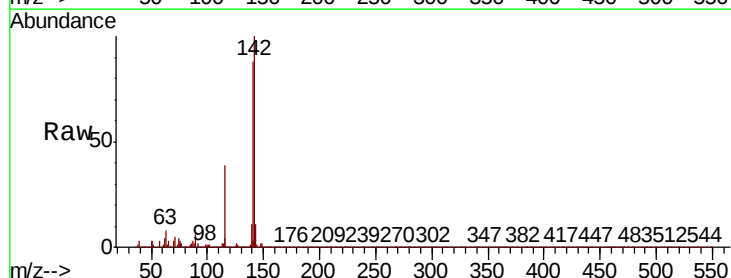
Instrument :
BNA_P
ClientSampleId :
D8HE4

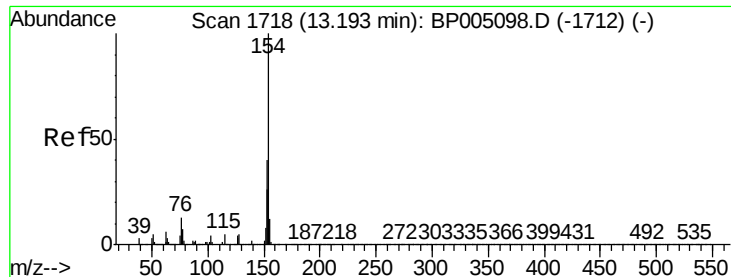
Tot Ion:128 Resp:12915893
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.5 10.3 15.5



#34
2-Methylnaphthalene
Concen: 140.772 ng/ul
RT: 12.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BP005100.D
Acq: 30 Mar 2021 12:58

Tgt Ion:142 Resp: 511797
Ion Ratio Lower Upper
142 100
141 87.8 68.6 102.8





#41

1,1'-Biphenyl

Concen: 50.438 ng/ul

RT: 13.20 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BP005100.D

Acq: 30 Mar 2021 12:58

Instrument :

BNA_P

ClientSampleId :

D8HE4

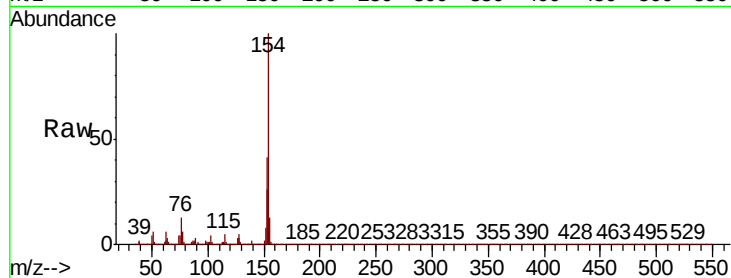
Tot Ion:154 Resp: 243540

Ion Ratio Lower Upper

154 100

153 41.3 31.3 46.9

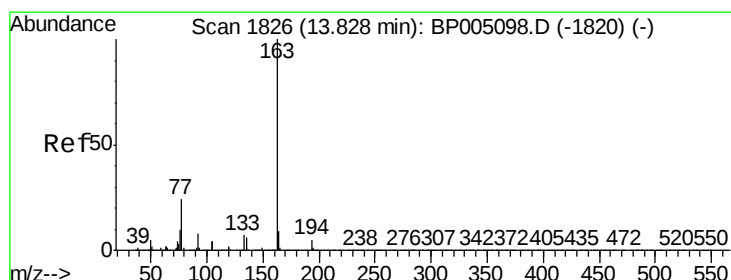
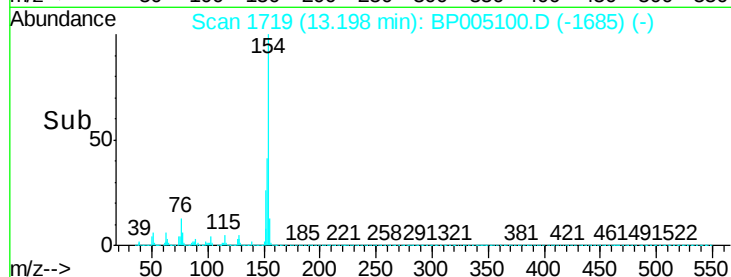
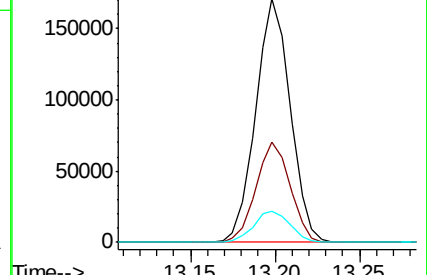
76 12.6 10.7 16.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BP0



#45

Dimethylphthalate

Concen: 1.561 ng/ul

RT: 13.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BP005100.D

Acq: 30 Mar 2021 12:58

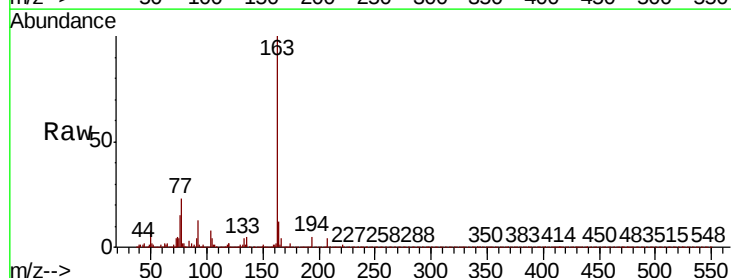
Tgt Ion:163 Resp: 7434

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.2#

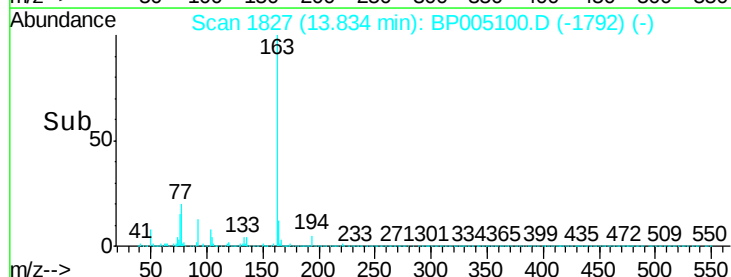
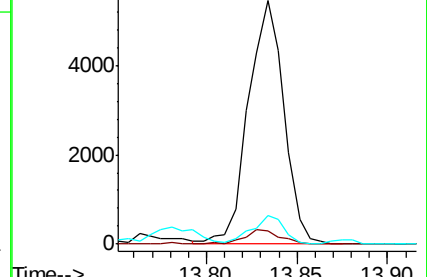
164 11.7 8.6 13.0

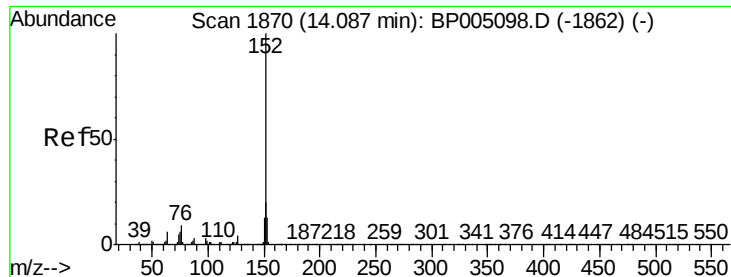


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 1.950 ng/ul

RT: 14.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BP005100.D

Acq: 30 Mar 2021 12:58

Instrument :

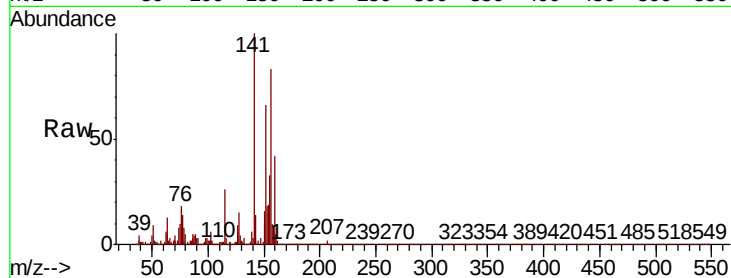
BNA_P

ClientSampleId :

D8HE4

Tot Ion:152 Resp: 10699

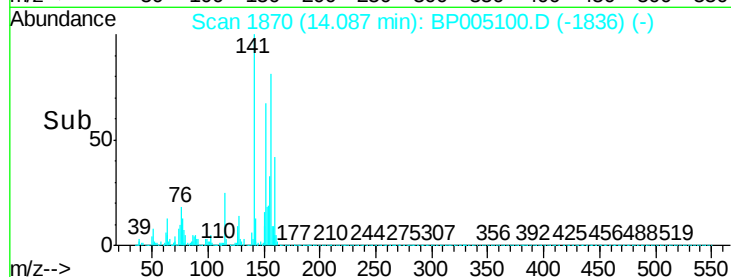
Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.4	24.6
153	27.7	10.8	16.2



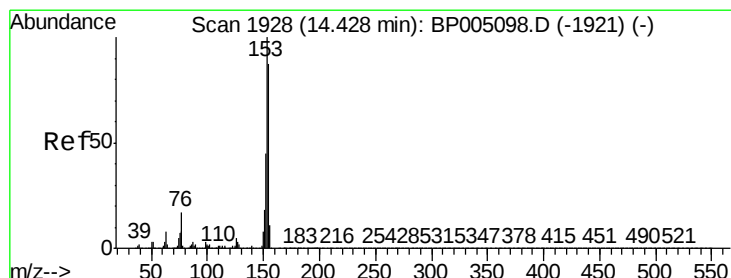
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Acenaphthene

Concen: 325.814 ng/ul

RT: 14.45 min Scan# 1931

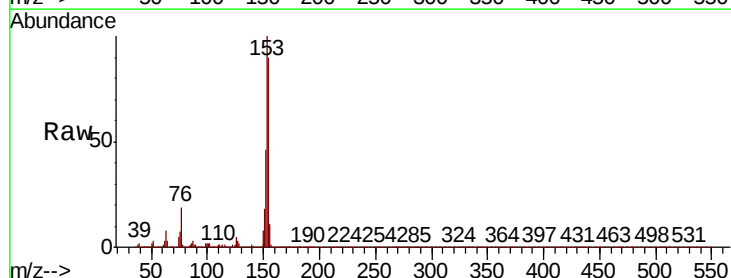
Delta R.T. 0.01 min

Lab File: BP005100.D

Acq: 30 Mar 2021 12:58

Tgt Ion:153 Resp: 1284650

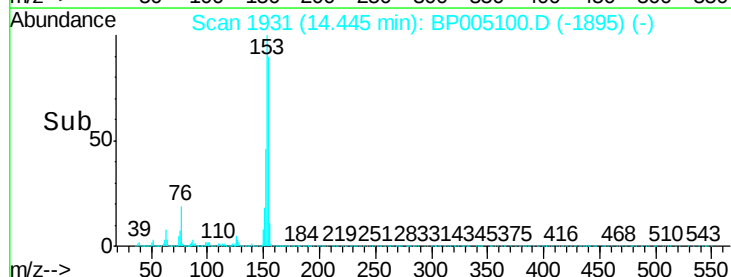
Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.5	56.3
154	90.2	73.4	110.0



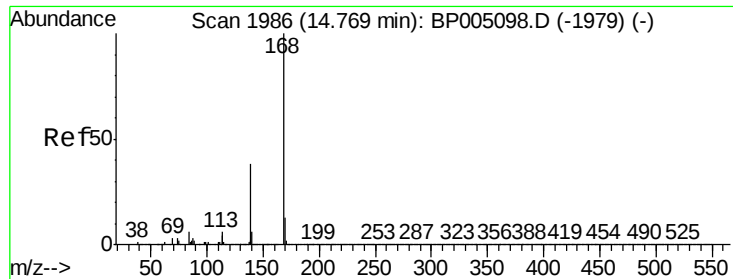
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#54

Dibenzenofuran

Concen: 208.387 ng/ul

RT: 14.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BP005100.D

Acq: 30 Mar 2021 12:58

Instrument :

BNA_P

ClientSampleId :

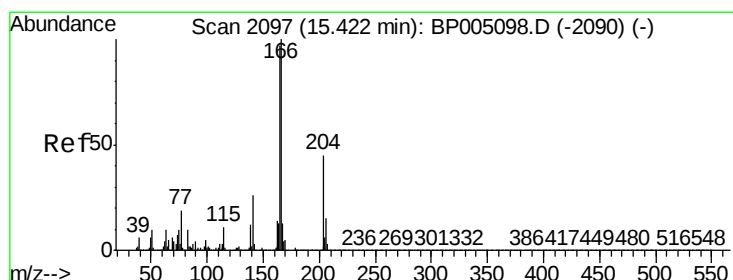
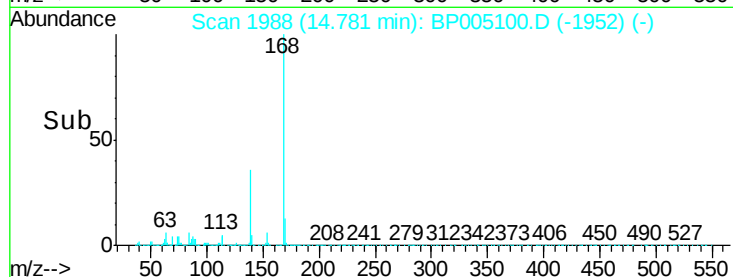
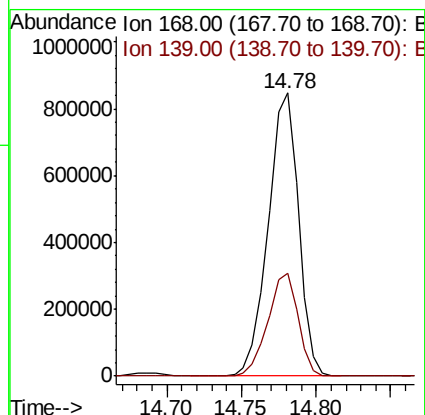
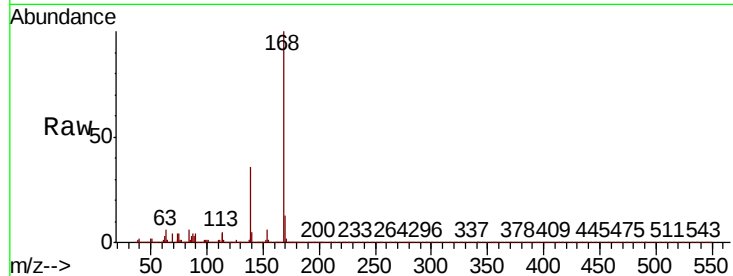
D8HE4

Tot Ion:168 Resp: 1199854

Ion Ratio Lower Upper

168 100

139 36.5 28.6 43.0



#59

Fluorene

Concen: 85.339 ng/ul

RT: 15.43 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BP005100.D

Acq: 30 Mar 2021 12:58

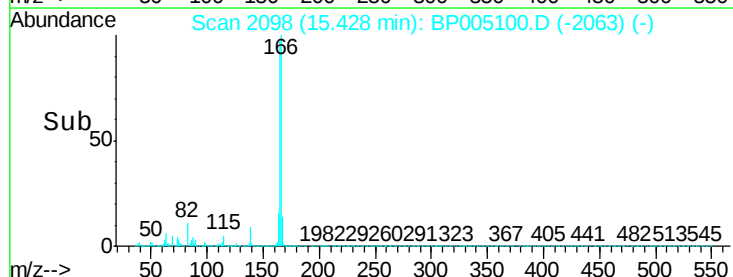
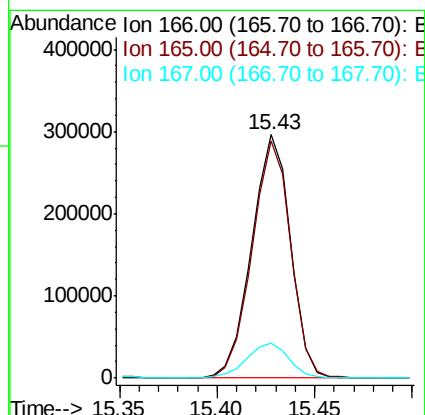
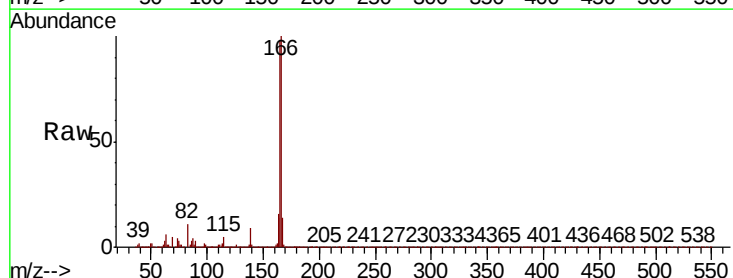
Tgt Ion:166 Resp: 405230

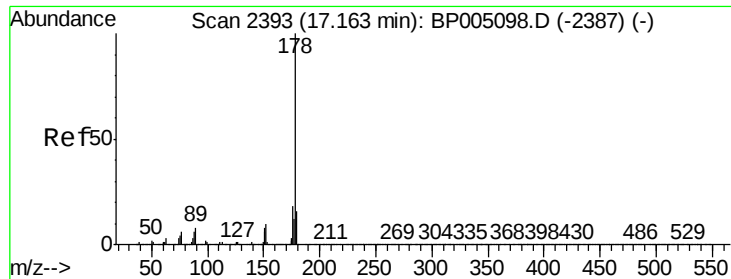
Ion Ratio Lower Upper

166 100

165 97.5 76.1 114.1

167 14.4 11.3 16.9





#70

Phenanthrene

Concen: 235.488 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BP005100.D

Acq: 30 Mar 2021 12:58

Instrument :

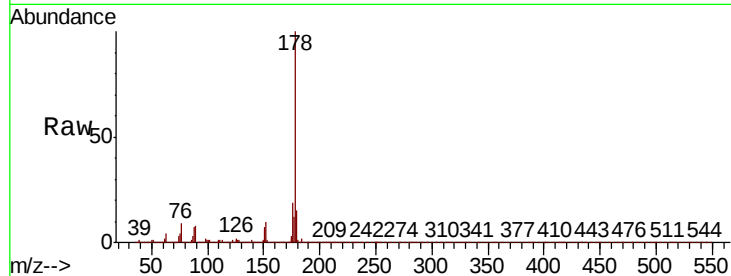
BNA_P

ClientSampleId :

D8HE4

Tot Ion:178 Resp: 1644817

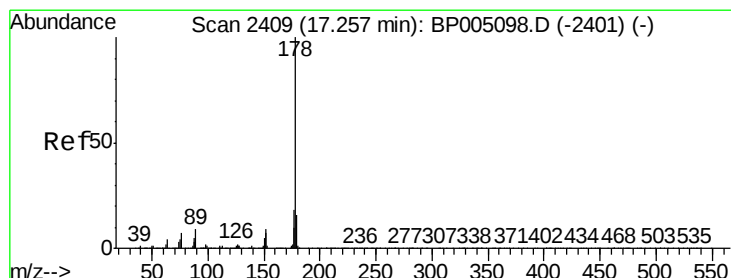
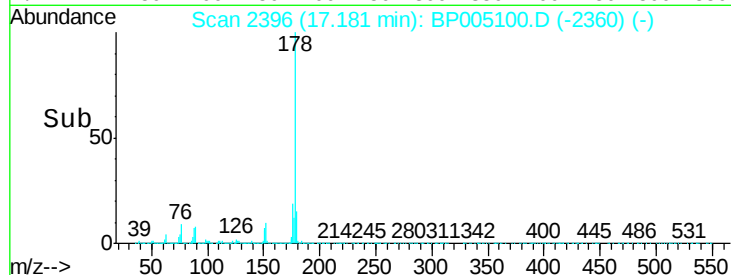
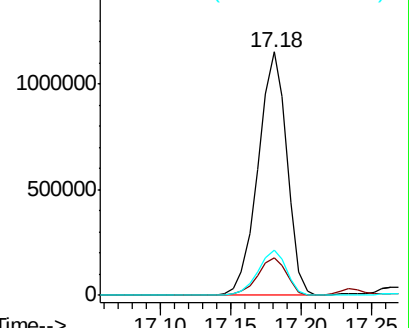
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.7	15.0	22.4



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



#72

Anthracene

Concen: 7.482 ng/ul

RT: 17.26 min Scan# 2410

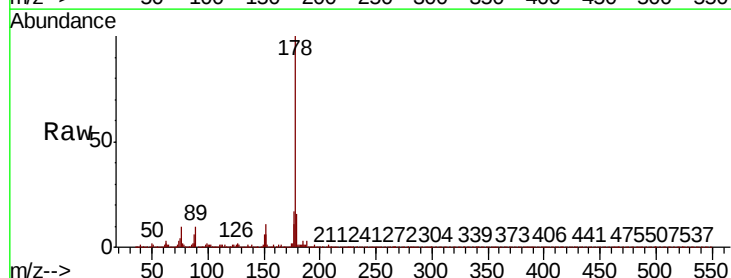
Delta R.T. 0.00 min

Lab File: BP005100.D

Acq: 30 Mar 2021 12:58

Tgt Ion:178 Resp: 52823

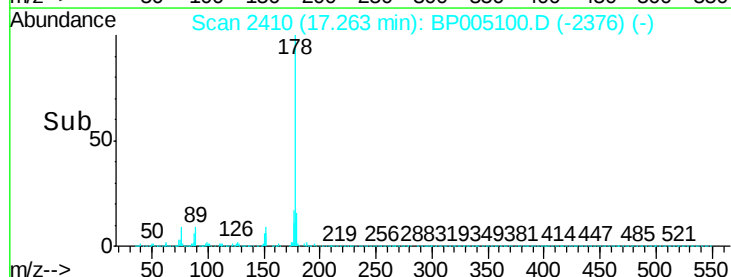
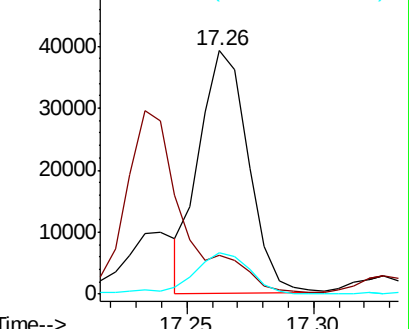
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	17.0	13.8	20.8

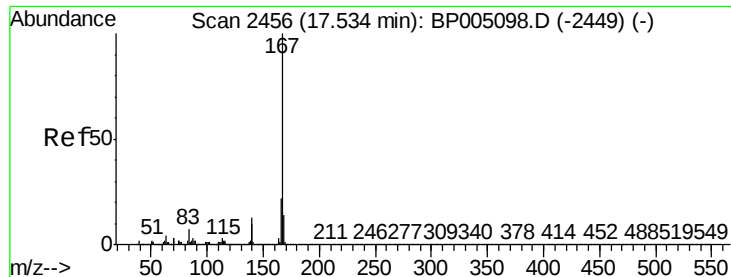


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

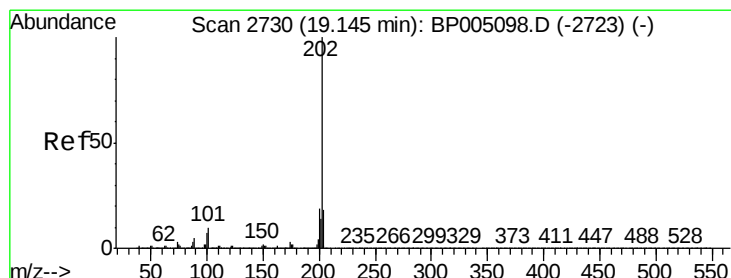
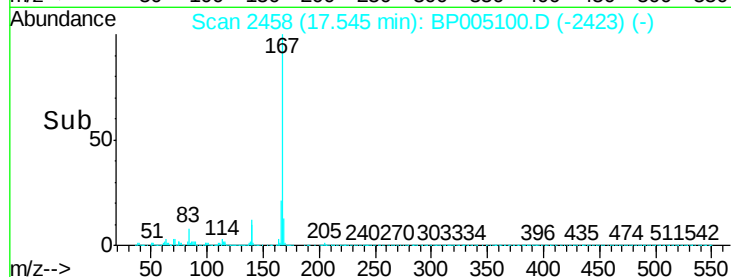
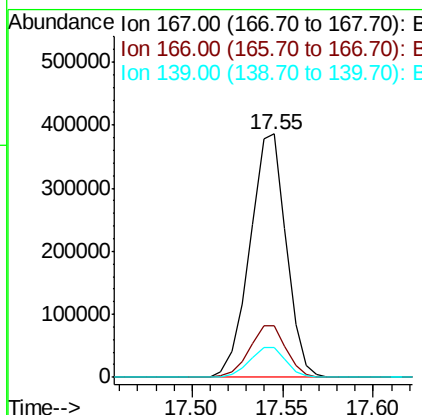
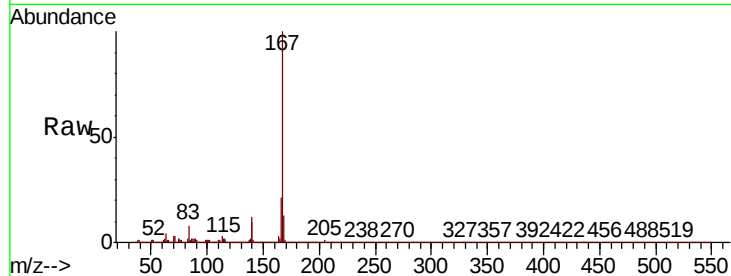




#75
 Carbazole
 Concen: 87.950 ng/ul
 RT: 17.55 min Scan# 2458
 Delta R.T. 0.01 min
 Lab File: BP005100.D
 Acq: 30 Mar 2021 12:58

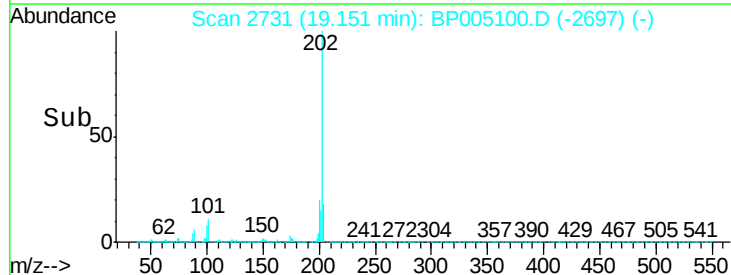
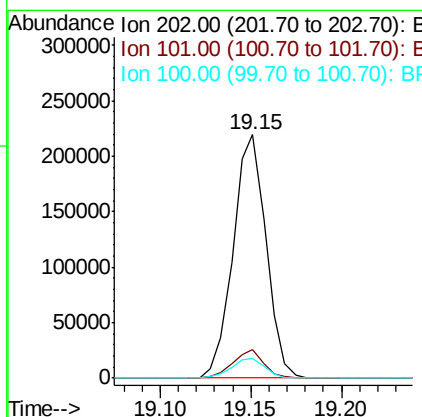
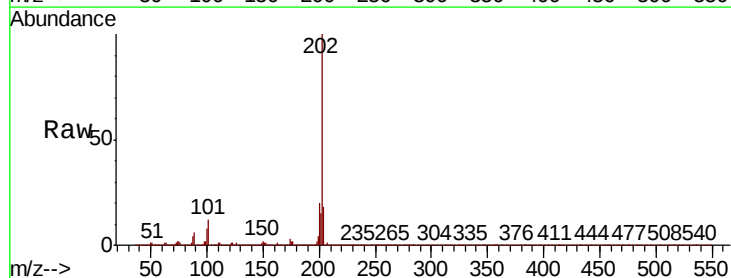
Instrument :
 BNA_P
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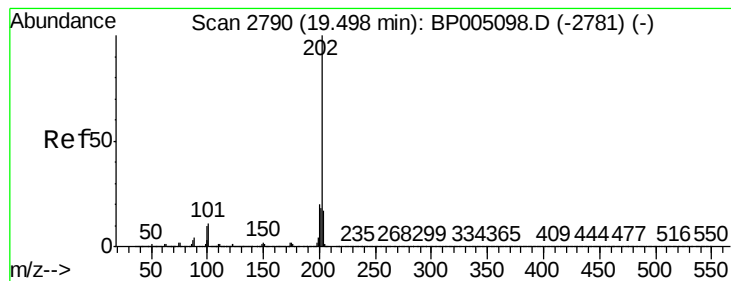
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.4	10.4	15.6



#77
 Fluoranthene
 Concen: 33.460 ng/ul
 RT: 19.15 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BP005100.D
 Acq: 30 Mar 2021 12:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.3	12.5
100	8.2	5.9	8.9





#80
 Pvrene
 Concen: 17.747 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BP005100.D
 Acq: 30 Mar 2021 12:58

Instrument :
 BNA_P
 ClientSampleId :
 D8HE4

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	9.5	8.2	12.4

