

Data File : BP000772.D
Acq On : 15 Oct 2019 17:45
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG5

Quant Time: Oct 16 02:40:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 02:22:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	220241	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	842178	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	468809	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	861046	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	679157	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	707071	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.35	96	30516	5.75	ng/uL	-0.03
5) Phenol-d5	6.39	99	520566	30.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	271693	31.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	451837	31.57	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	372688	28.71	ng/ul	0.00
19) Nitrobenzene-d5	7.31	128	218913	34.20	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	235403	34.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	411796	31.56	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	497607	34.29	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1127821	34.37	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1346319	33.35	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	144171	28.52	ng/ul	0.00
58) Fluorene-d10	10.32	176	930897	33.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	108698	26.51	ng/ul	0.00
71) Anthracene-d10	11.35	188	1315179	32.98	ng/ul	0.00
79) Pyrene-d10	12.74	212	1359584	35.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1231499	35.28	ng/ul	0.00

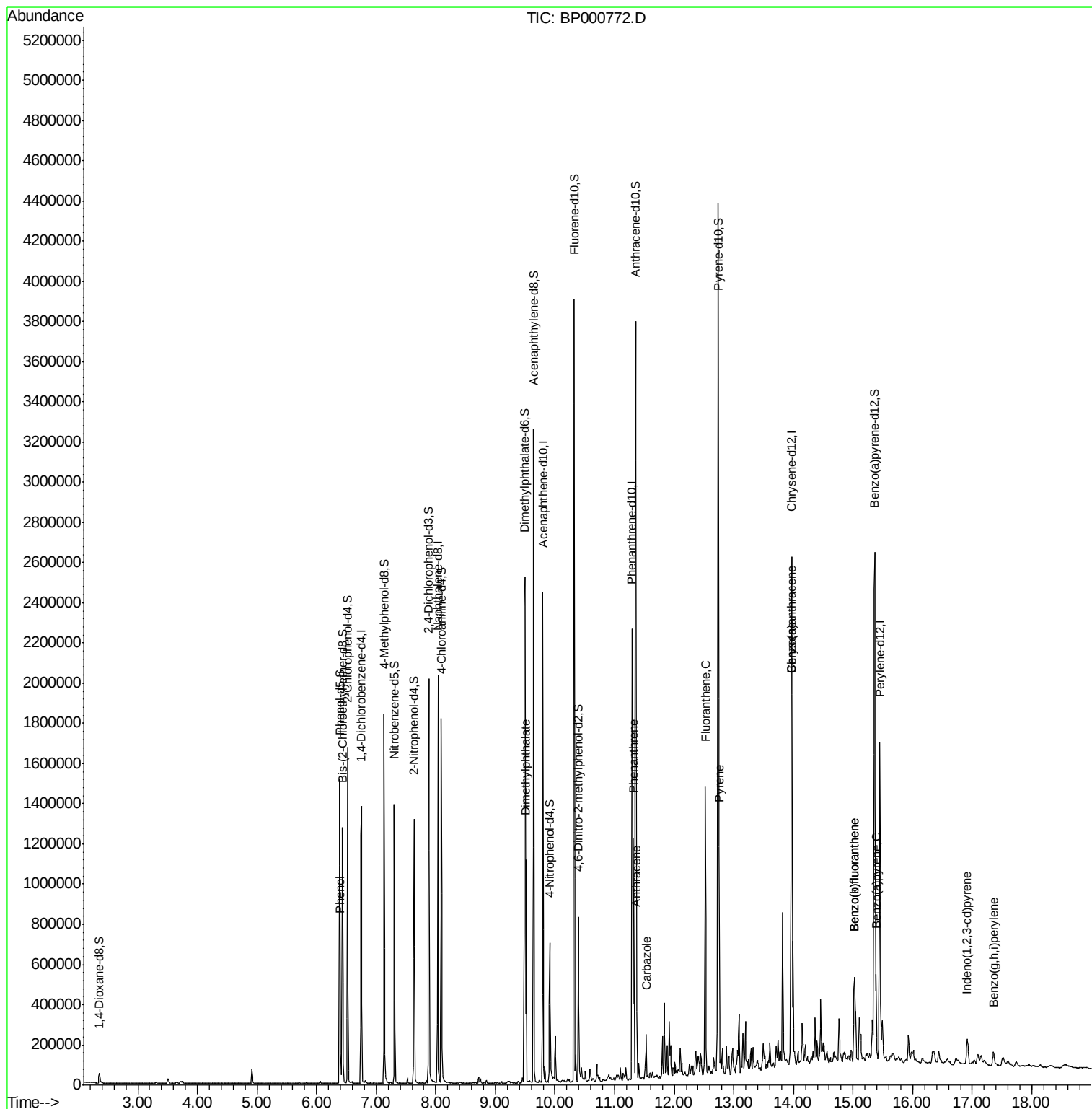
Target Compounds				Qvalue		
6) Phenol	6.40	94	67837	3.961	ng/ul	98
45) Dimethylphthalate	9.51	163	406147	12.420	ng/ul	99
70) Phenanthrene	11.32	178	445837	9.501	ng/ul	99
72) Anthracene	11.37	178	149565	3.141	ng/ul	99
75) Carbazole	11.53	167	79856	1.965	ng/ul	99
77) Fluoranthene	12.52	202	524804	10.915	ng/ul	99
80) Pyrene	12.76	202	432899	8.984	ng/ul	99
83) Benzo(a)anthracene	13.96	228	287772	6.313	ng/ul	99
85) Chrysene	13.96	228	289217	6.826	ng/ul	96
88) Benzo(b)fluoranthene	15.02	252	247425	5.865	ng/ul	98
89) Benzo(k)fluoranthene	15.02	252	247425	6.159	ng/ul	98
91) Benzo(a)pyrene	15.39	252	173839	4.352	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.92	276	82405	1.800	ng/ul	98
94) Benzo(g,h,i)perylene	17.36	276	56612	1.485	ng/ul	99

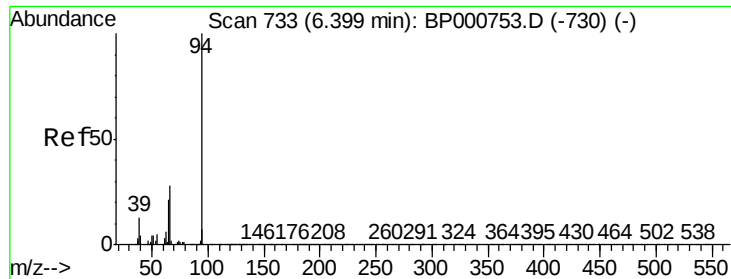
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 3.961 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000772.D

Acq: 15 Oct 2019 17:45

Instrument :

BNA_P

ClientSampleId :

BEPG5

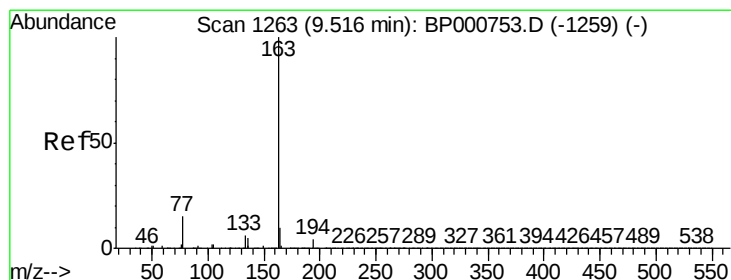
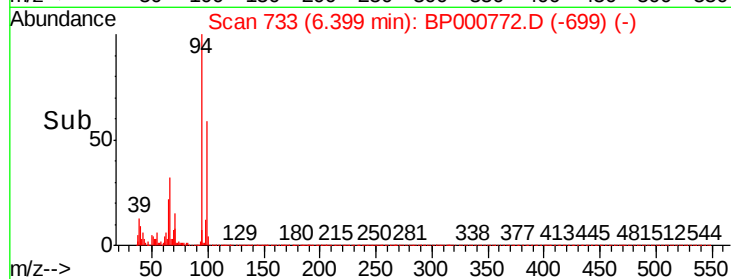
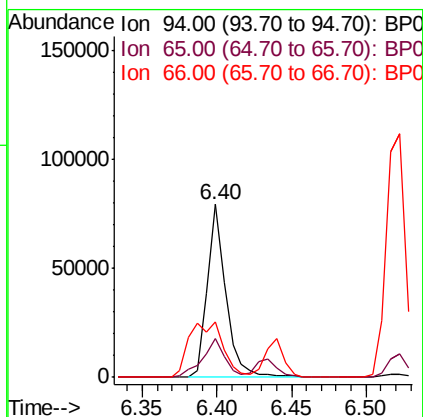
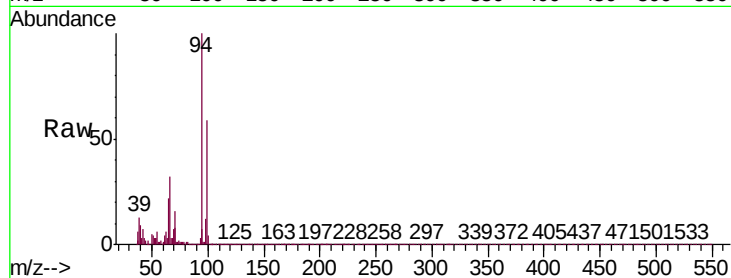
Tgt Ion: 94 Resp: 67837

Ion Ratio Lower Upper

94 100

65 22.2 19.2 28.8

66 31.8 25.7 38.5



#45

Dimethylphthalate

Concen: 12.420 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000772.D

Acq: 15 Oct 2019 17:45

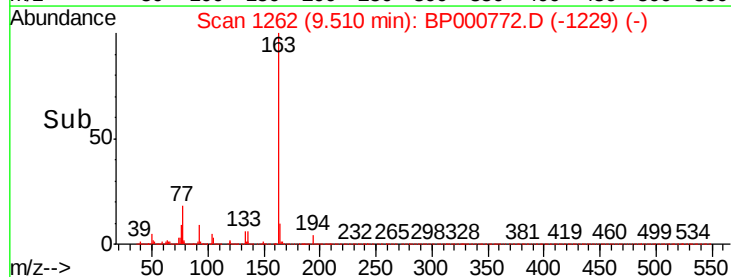
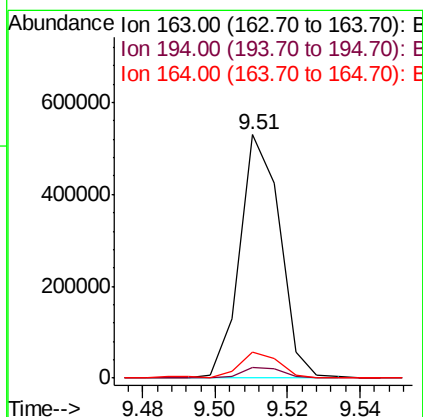
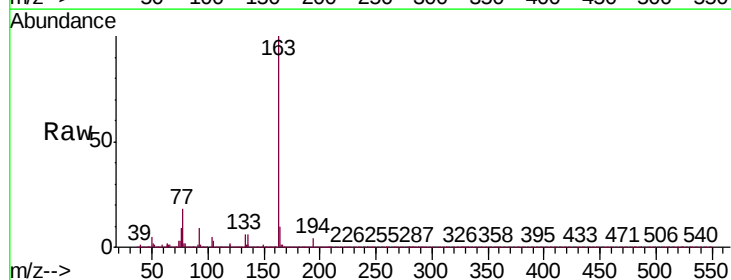
Tgt Ion: 163 Resp: 406147

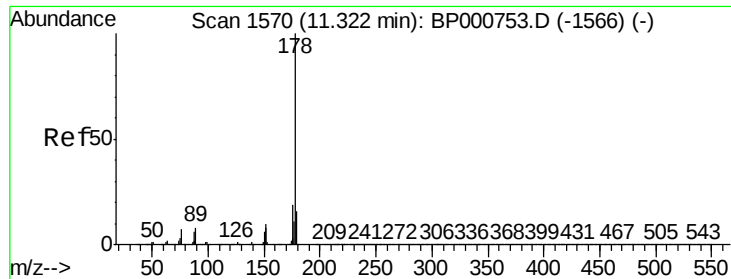
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.1 12.1





#70

Phenanthrene

Concen: 9.501 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000772.D

Acq: 15 Oct 2019 17:45

Instrument :

BNA_P

ClientSampleId :

BEPG5

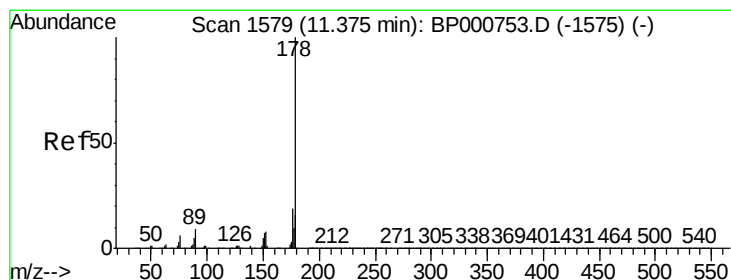
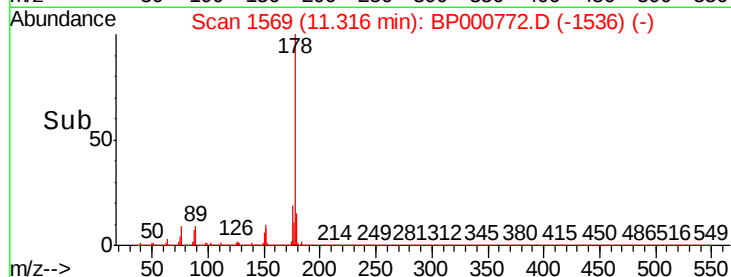
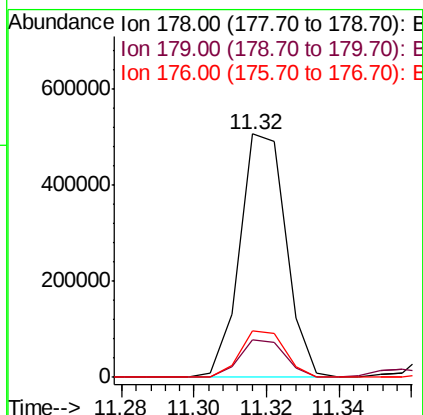
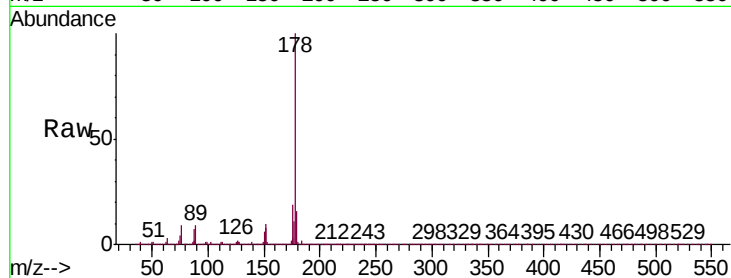
Tgt Ion:178 Resp: 445837

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.9 15.4 23.2



#72

Anthracene

Concen: 3.141 ng/ul

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BP000772.D

Acq: 15 Oct 2019 17:45

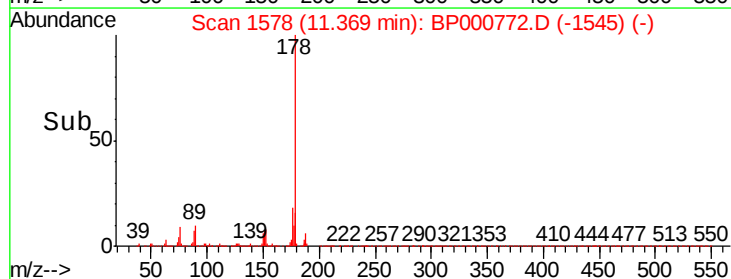
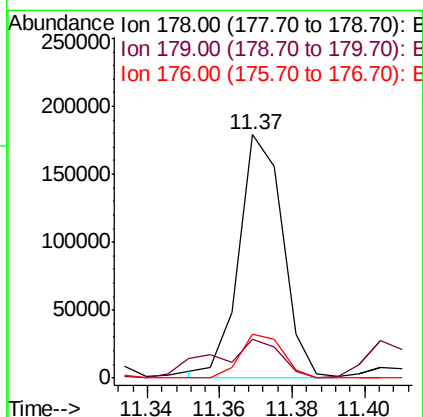
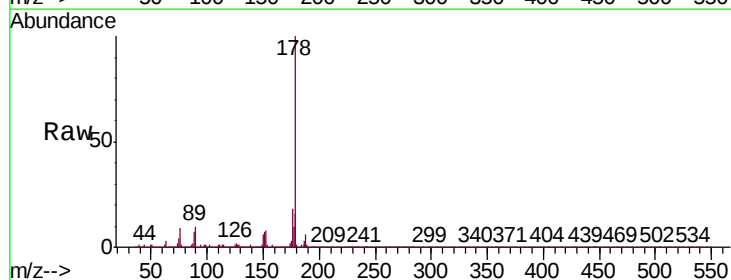
Tgt Ion:178 Resp: 149565

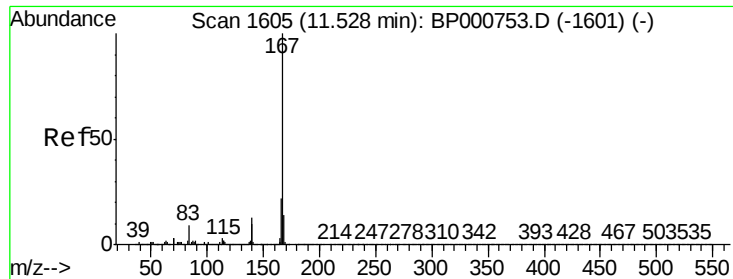
Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 18.3 15.1 22.7





#75

Carbazole

Concen: 1.965 ng/ul

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BP000772.D

Acq: 15 Oct 2019 17:45

Instrument :

BNA_P

ClientSampleId :

BEPG5

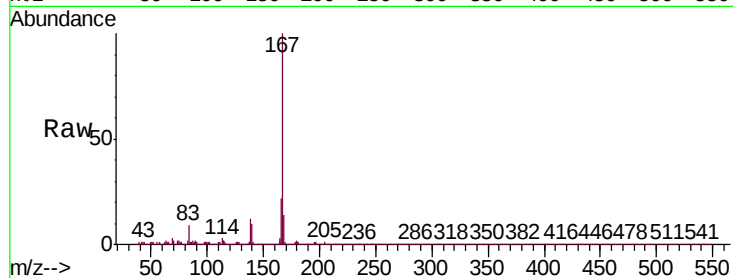
Tgt Ion:167 Resp: 79856

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

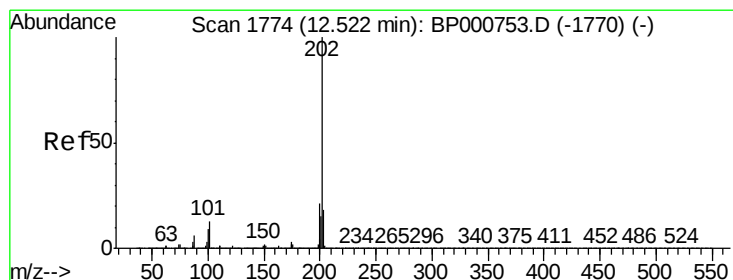
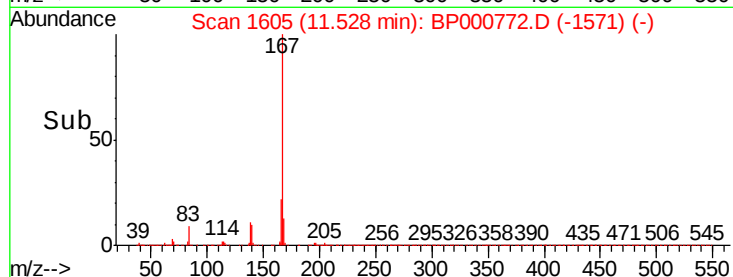
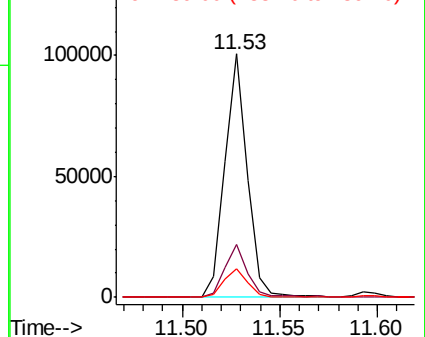
139 11.9 10.2 15.4



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



#77

Fluoranthene

Concen: 10.915 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BP000772.D

Acq: 15 Oct 2019 17:45

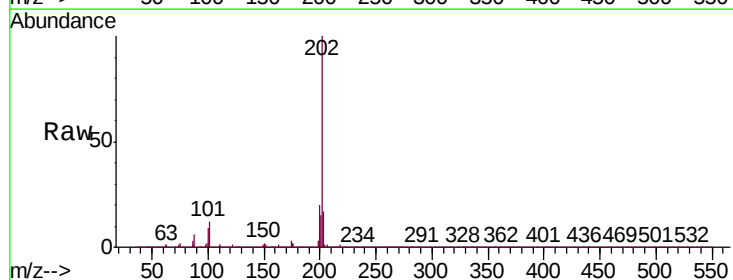
Tgt Ion:202 Resp: 524804

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.6

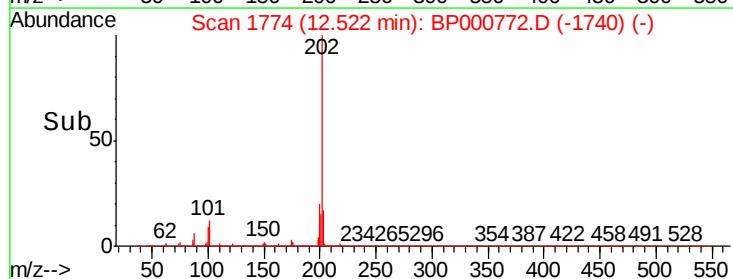
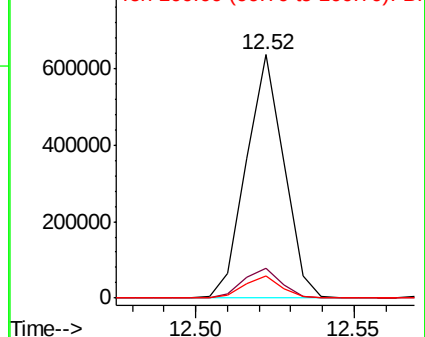
100 9.3 7.2 10.8

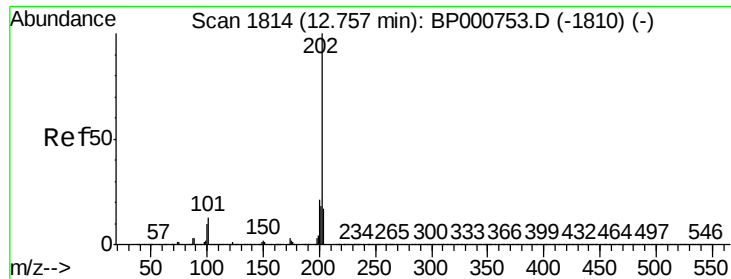


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

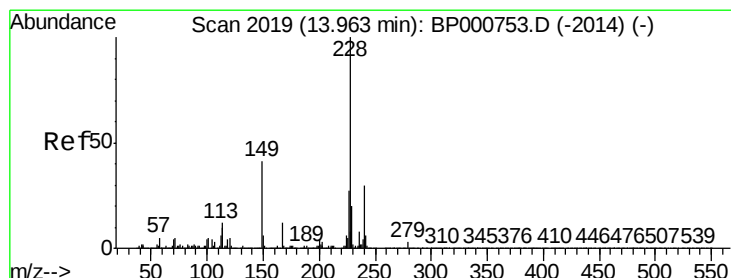
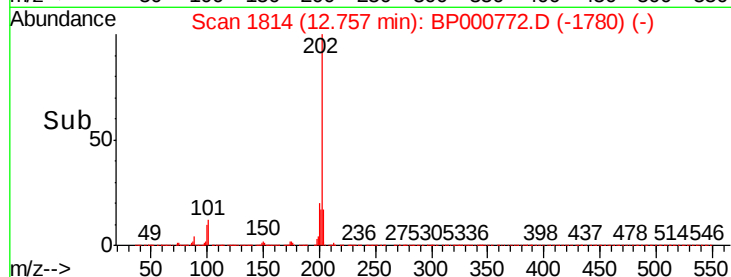
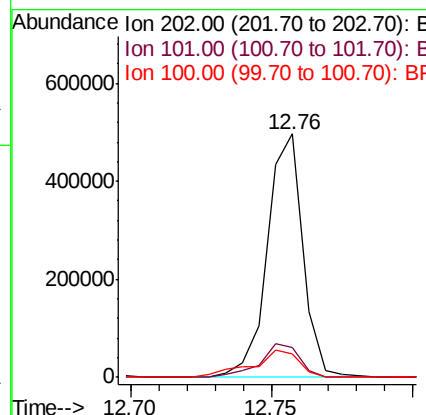
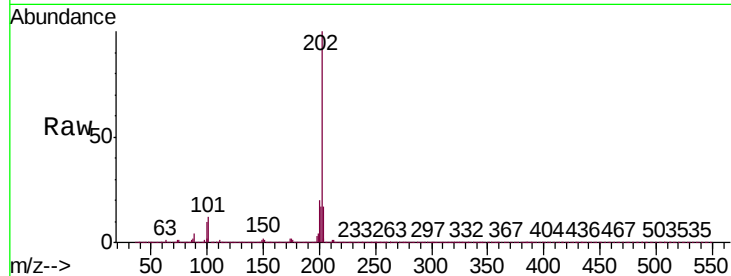




#80
 Pyrene
 Concen: 8.984 ng/ul
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BP000772.D
 Acq: 15 Oct 2019 17:45

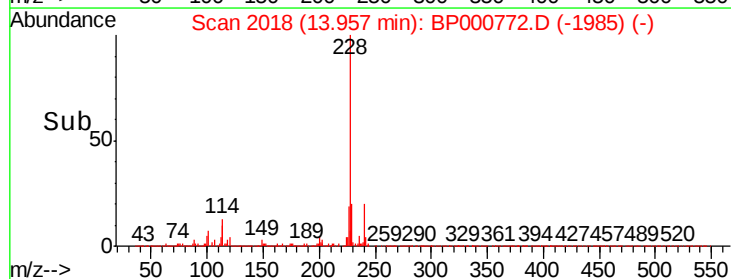
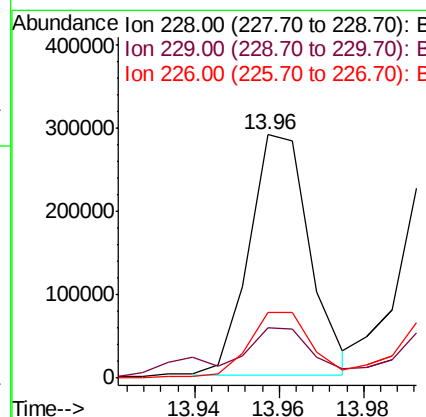
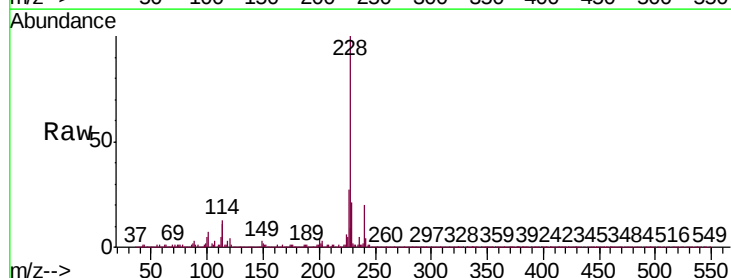
Instrument :
 BNA_P
 ClientSampleId :
 BEPG5

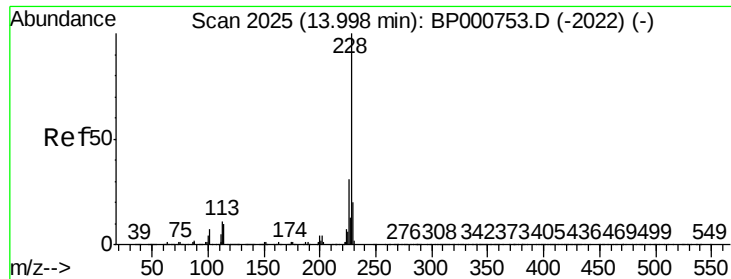
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.9	7.8	11.8



#83
 Benzo(a)anthracene
 Concen: 6.313 ng/ul
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000772.D
 Acq: 15 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.2	21.8	32.8

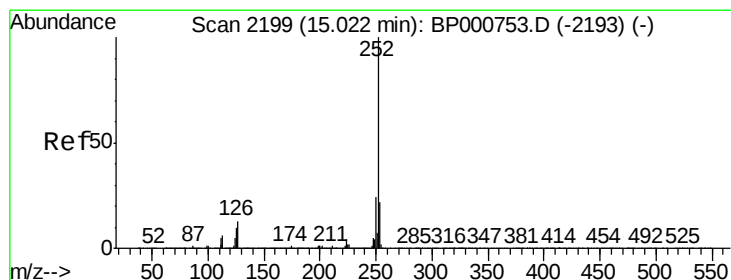
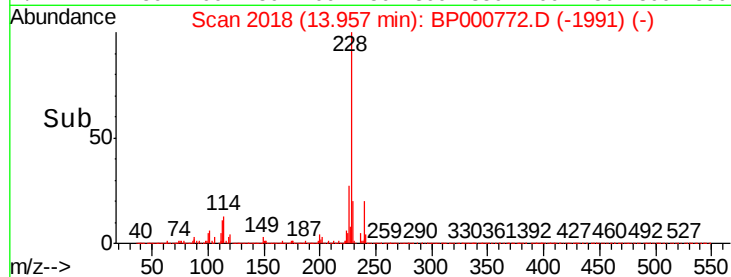
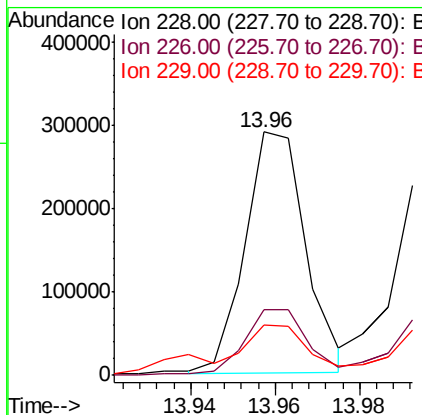
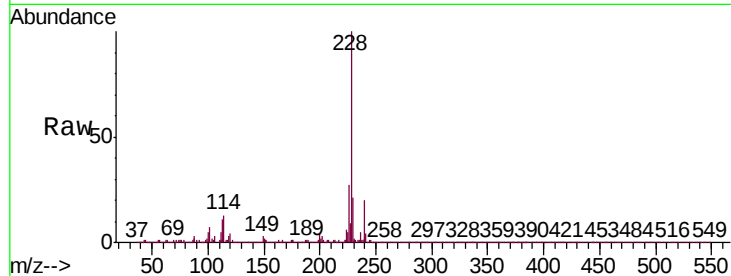




#85
Chrysene
Concen: 6.826 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.04 min
Lab File: BP000772.D
Acq: 15 Oct 2019 17:45

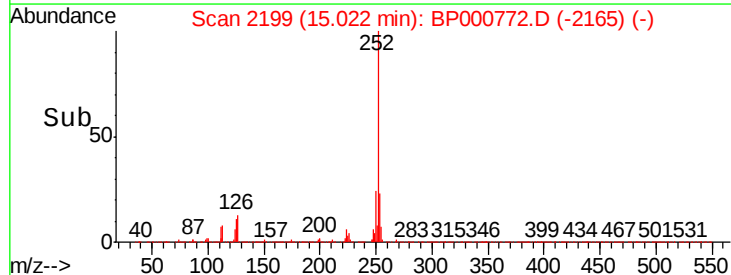
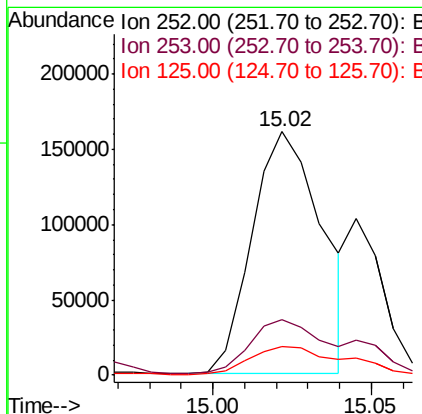
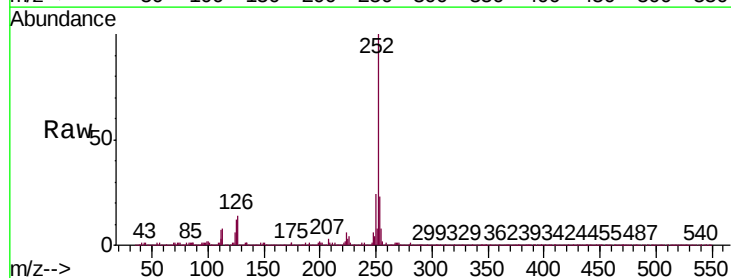
Instrument :
BNA_P
ClientSampleId :
BEPG5

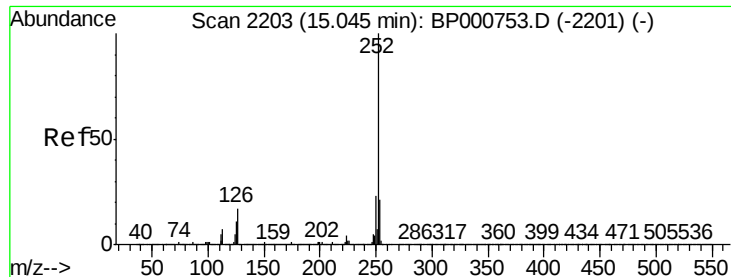
Tgt Ion:	228	Resp:	289217
Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.2	36.4
229	20.6	15.8	23.6



#88
Benzo(b)fluoranthene
Concen: 5.865 ng/ul
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BP000772.D
Acq: 15 Oct 2019 17:45

Tgt Ion:	252	Resp:	247425
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	11.7	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 6.159 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BP000772.D

Acq: 15 Oct 2019 17:45

Instrument :

BNA_P

ClientSampleId :

BEPG5

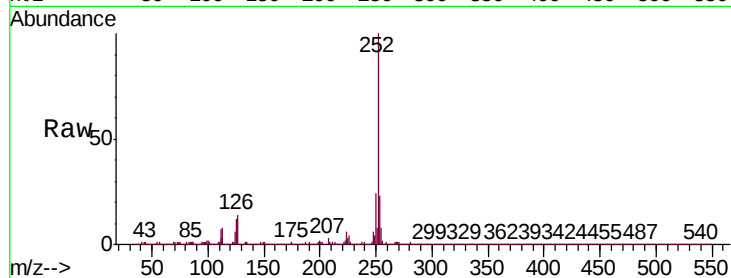
Tgt Ion:252 Resp: 247425

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

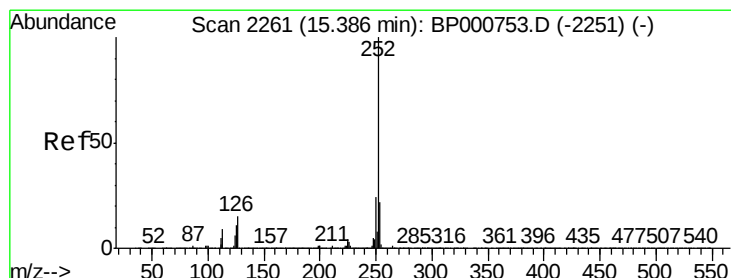
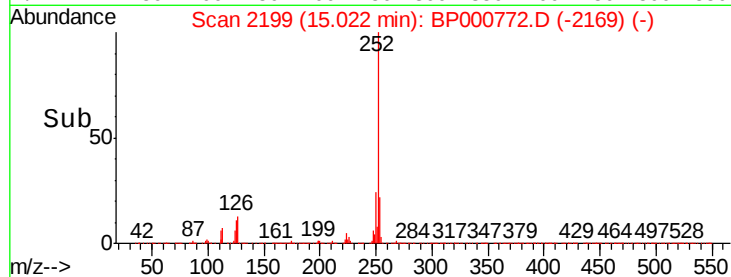
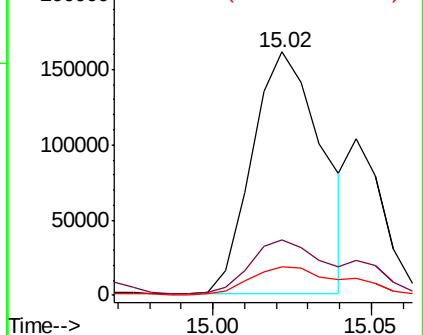
125 11.7 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 4.352 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BP000772.D

Acq: 15 Oct 2019 17:45

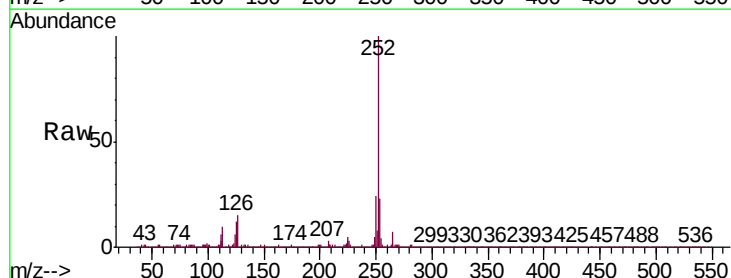
Tgt Ion:252 Resp: 173839

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

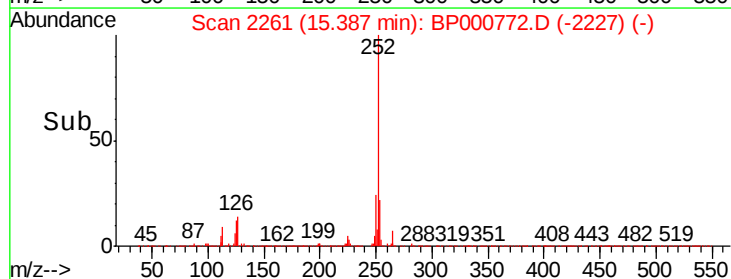
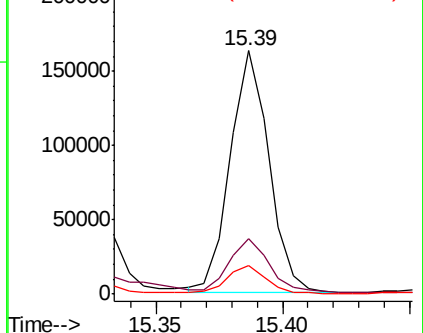
125 12.0 9.7 14.5

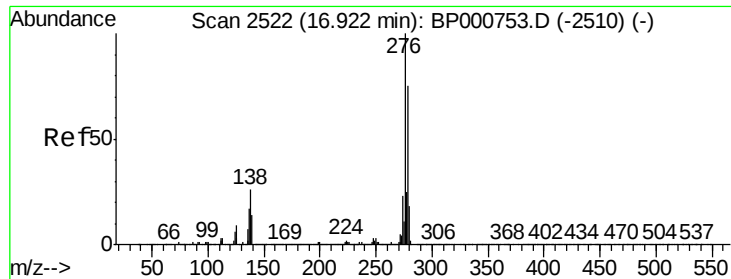


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



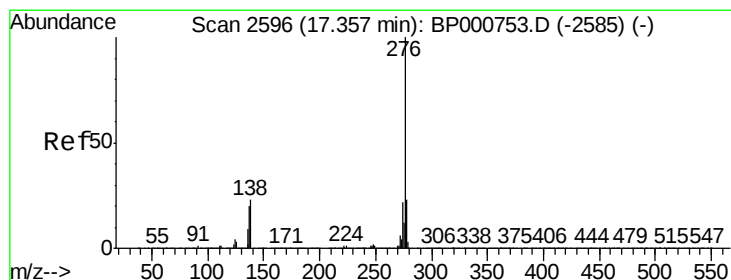
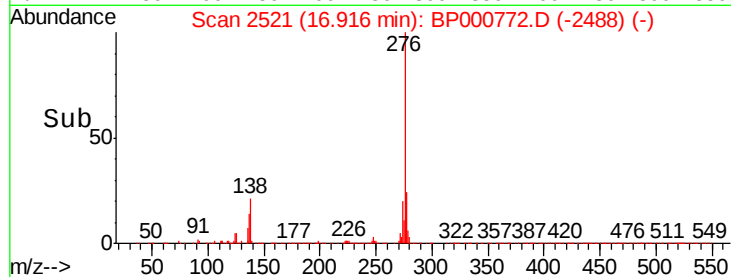
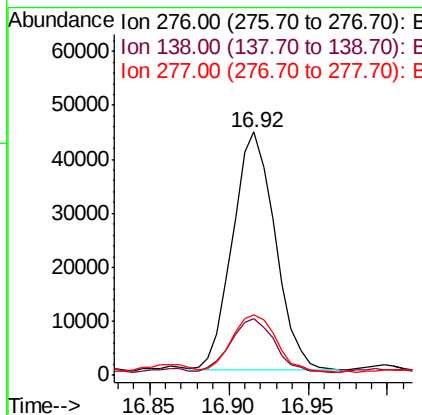
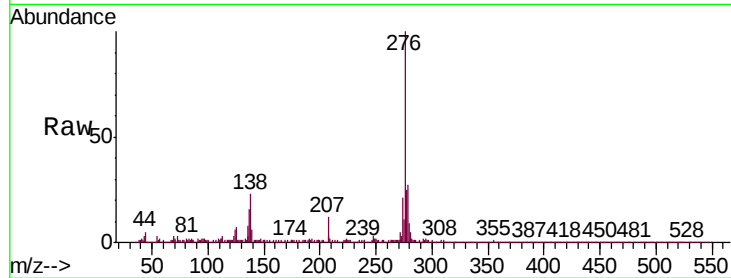


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.800 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BP000772.D
Acq: 15 Oct 2019 17:45

Instrument :
BNA_P
ClientSampleId :
BEPG5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.0	30.0
277	24.7	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 1.485 ng/ul
RT: 17.36 min Scan# 2596
Delta R.T. 0.00 min
Lab File: BP000772.D
Acq: 15 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.4	27.6
277	23.9	19.4	29.0

