

Data File : BP000769.D
Acq On : 15 Oct 2019 16:33
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEP90

Quant Time: Oct 16 02:39:25 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	237203	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	908690	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	503515	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	911055	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	675416	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	728451	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	24334	4.26	ng/uL	-0.02
5) Phenol-d5	6.39	99	403788	22.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	228165	24.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	365062	23.68	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	277996	19.89	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	180641	26.15	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	197660	26.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	328413	23.33	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	351095	22.43	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	958832	27.20	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1137935	26.24	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	93036	17.14	ng/ul	0.00
58) Fluorene-d10	10.32	176	835318	27.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	79975	18.43	ng/ul	0.00
71) Anthracene-d10	11.35	188	1126517	26.69	ng/ul	0.00
79) Pyrene-d10	12.74	212	1135868	29.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1004101	27.92	ng/ul	0.00

Target Compounds

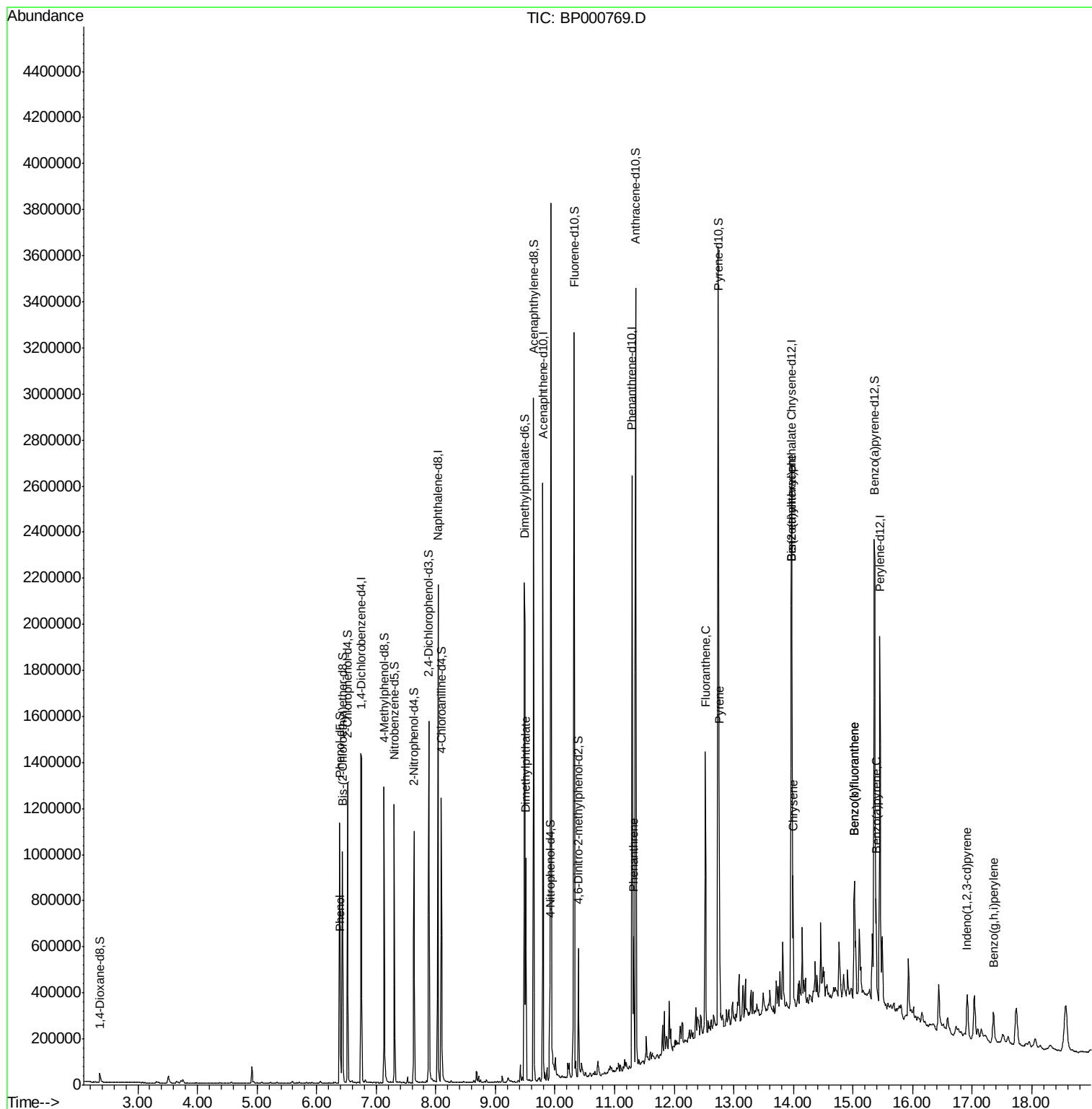
					Qvalue
6) Phenol	6.40	94	61558	3.337	ng/ul 98
45) Dimethylphthalate	9.51	163	340511	9.695	ng/ul 100
70) Phenanthrene	11.32	178	201914	4.067	ng/ul 99
77) Fluoranthene	12.52	202	444405	8.735	ng/ul 99
80) Pyrene	12.76	202	436711	9.113	ng/ul 100
83) Benzo(a)anthracene	13.96	228	219310	4.838	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	13.96	149	67290	2.585	ng/ul 100
85) Chrysene	13.99	228	221507	5.257	ng/ul 97
88) Benzo(b)fluoranthene	15.02	252	272859	6.278	ng/ul 98
89) Benzo(k)fluoranthene	15.02	252	272859	6.593	ng/ul 98
91) Benzo(a)pyrene	15.39	252	193692	4.707	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	16.92	276	122503	2.597	ng/ul 97
94) Benzo(g,h,i)perylene	17.36	276	107078	2.726	ng/ul 100

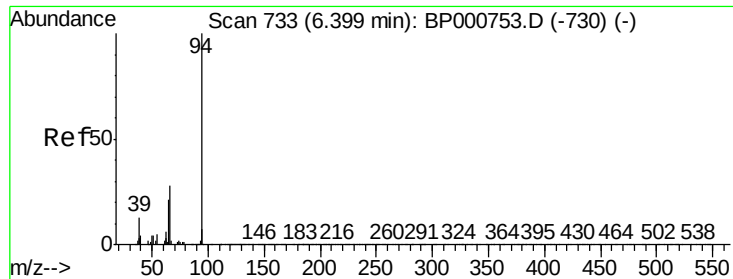
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.337 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

Instrument :

BNA_P

ClientSampleId :

BEP90

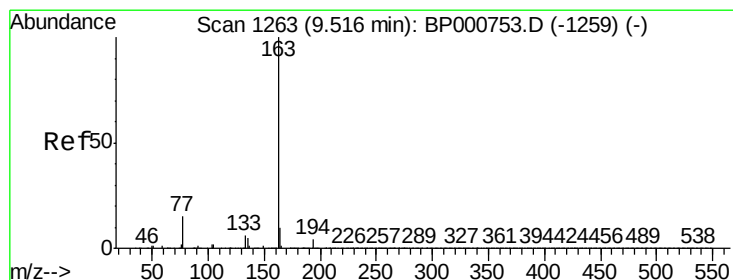
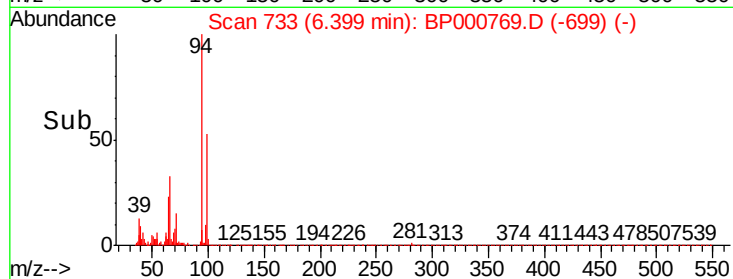
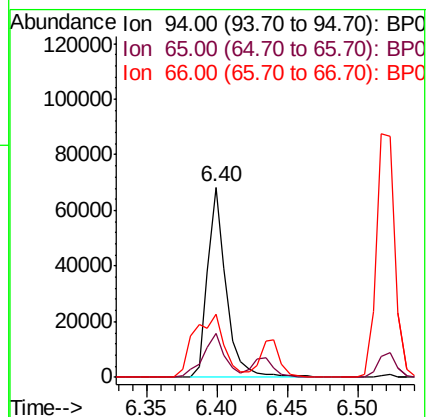
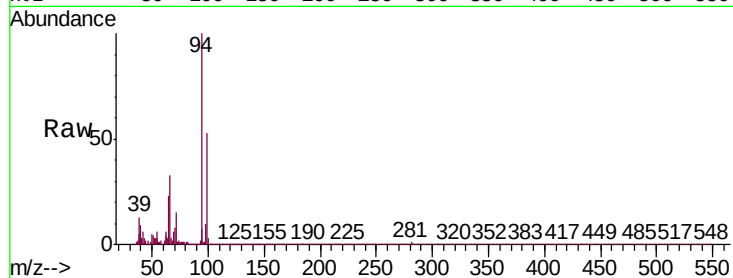
Tgt Ion: 94 Resp: 61558

Ion Ratio Lower Upper

94 100

65 23.0 19.2 28.8

66 32.9 25.7 38.5



#45

Dimethylphthalate

Concen: 9.695 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

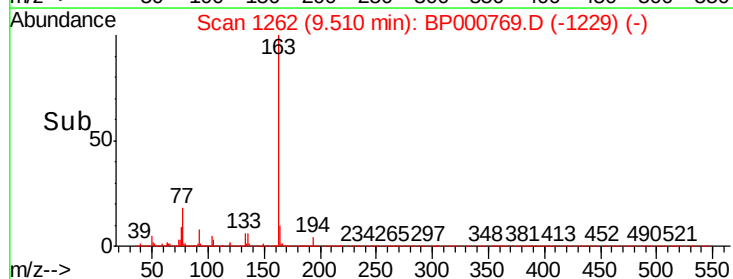
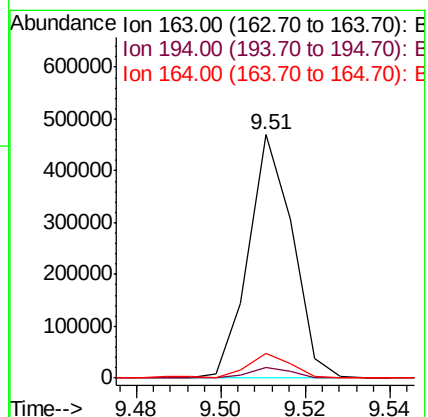
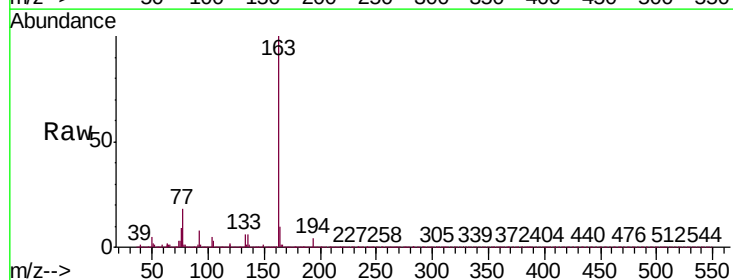
Tgt Ion: 163 Resp: 340511

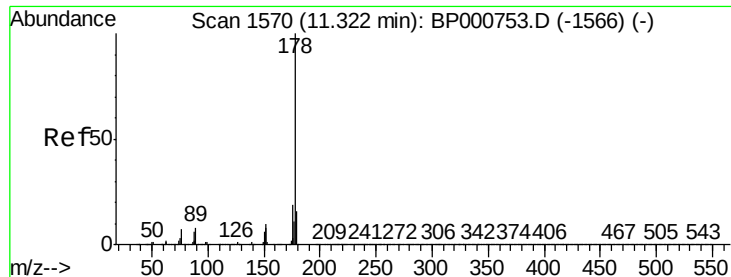
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.9 8.1 12.1





#70

Phenanthrene

Concen: 4.067 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

Instrument :

BNA_P

ClientSampleId :

BEP90

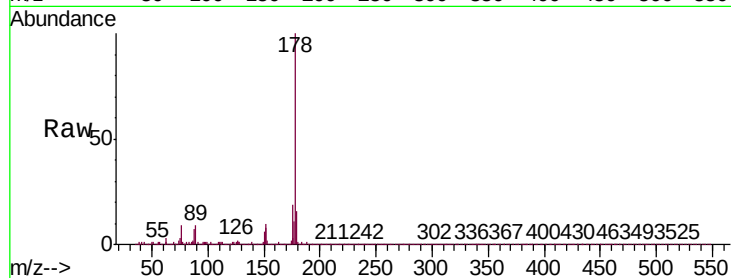
Tgt Ion:178 Resp: 201914

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

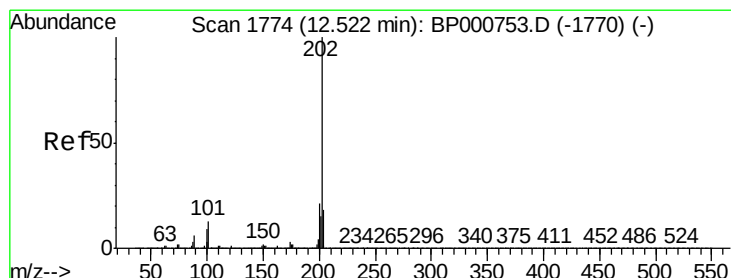
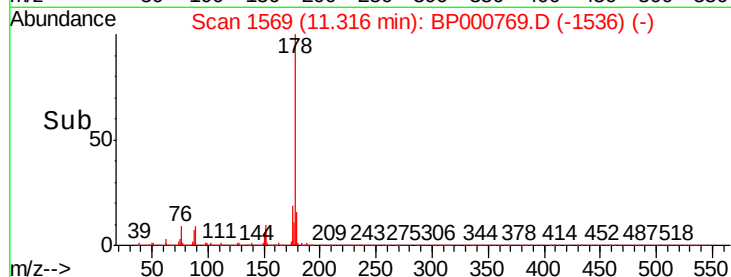
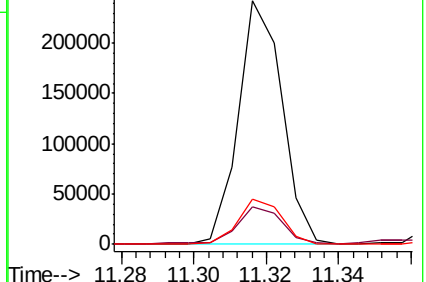
176 18.8 15.4 23.2



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



#77

Fluoranthene

Concen: 8.735 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

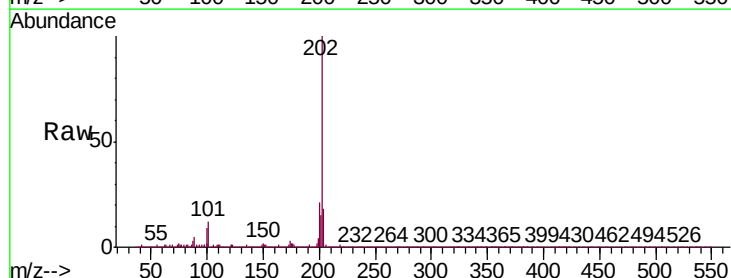
Tgt Ion:202 Resp: 444405

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.6

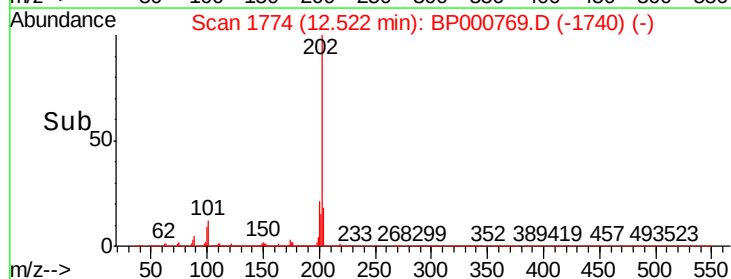
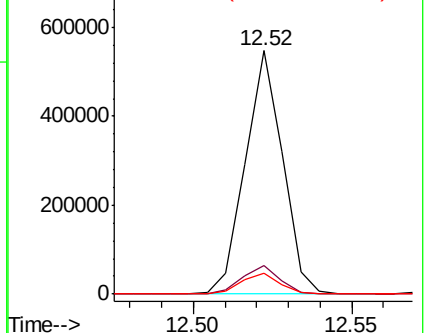
100 8.6 7.2 10.8

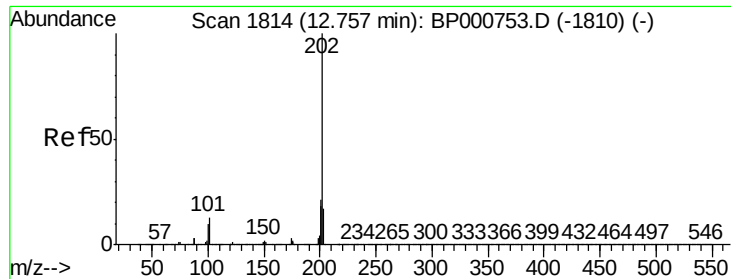


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

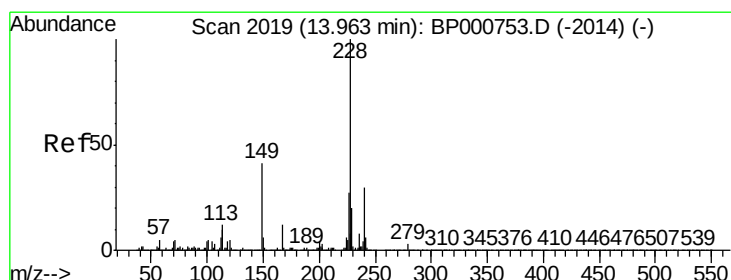
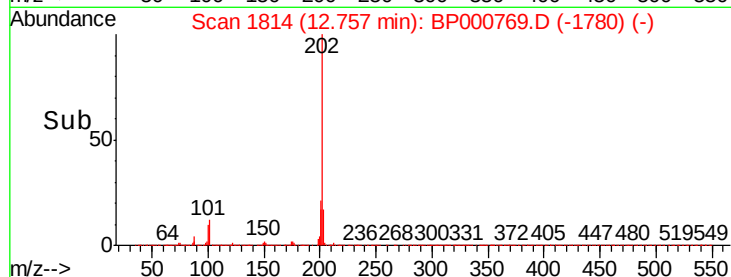
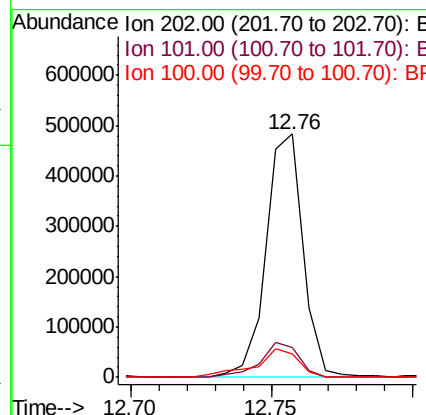
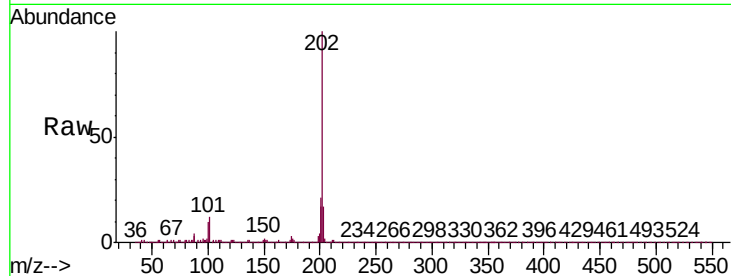




#80
Pyrene
Concen: 9.113 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BP000769.D
Acq: 15 Oct 2019 16:33

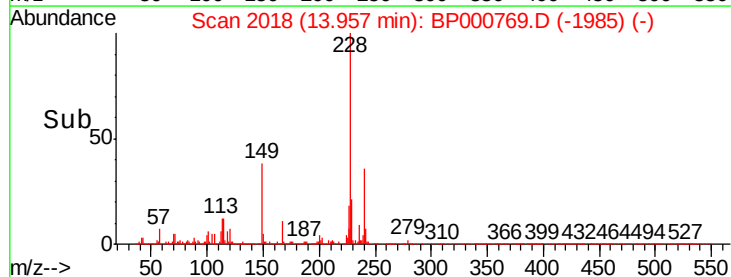
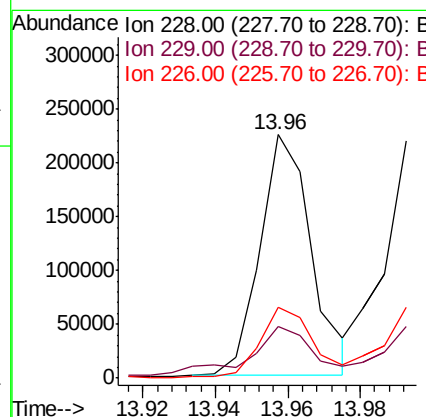
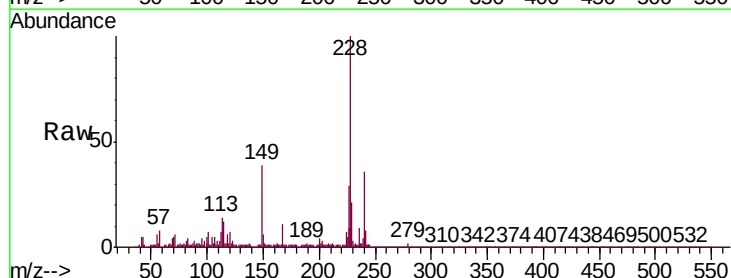
Instrument :
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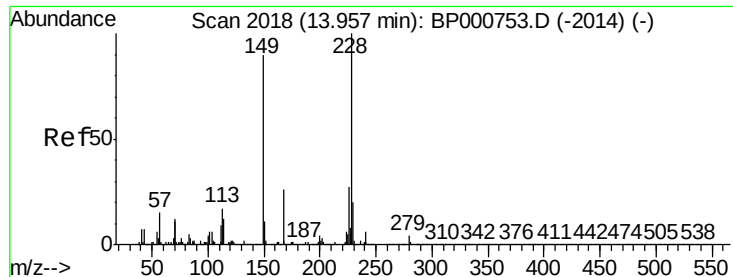
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	9.7	7.8	11.8



#83
Benzo(a)anthracene
Concen: 4.838 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000769.D
Acq: 15 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	28.8	21.8	32.8

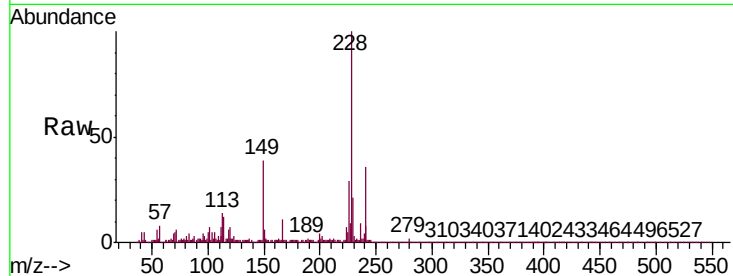




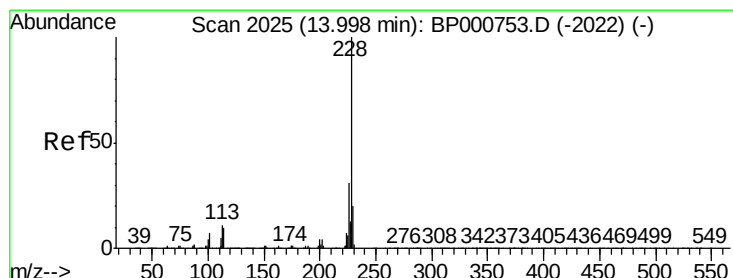
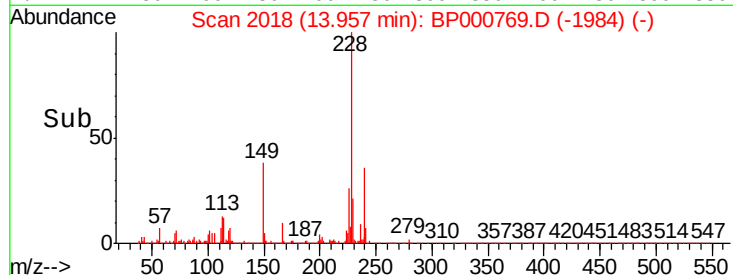
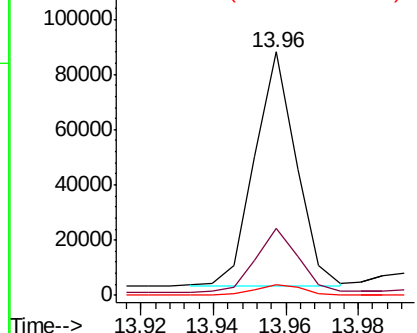
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.585 ng/ul
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BP000769.D
 Acq: 15 Oct 2019 16:33

Instrument :
 BNA_P
 ClientSampleId :
 BEP90

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.4	3.2	4.8

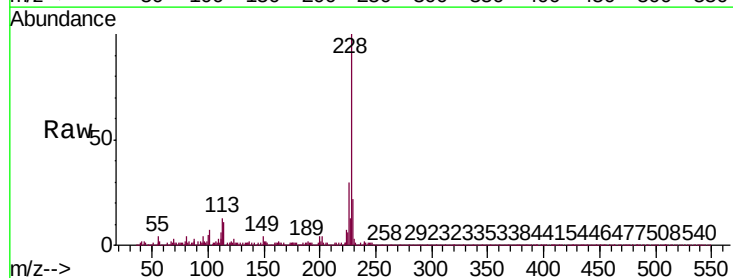


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

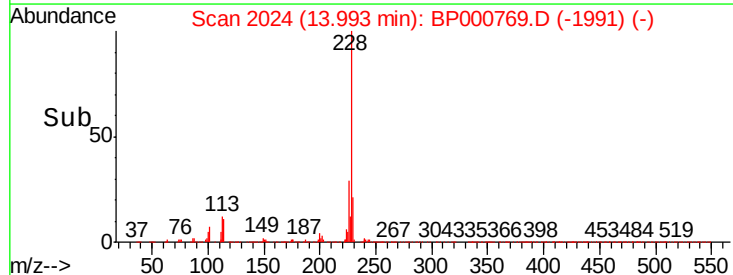
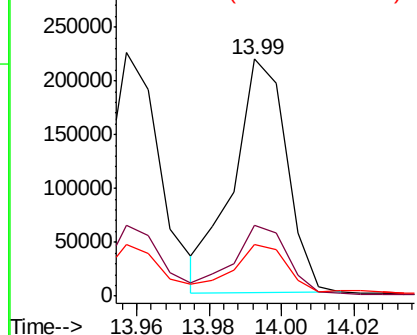


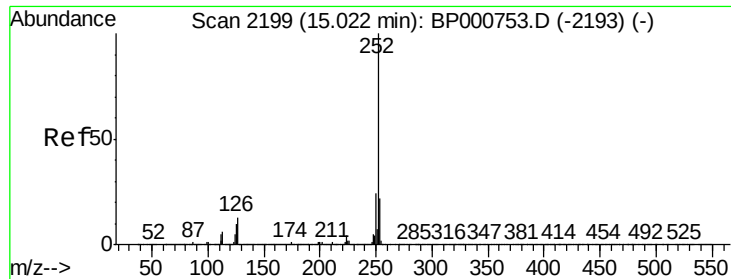
#85
 Chrysene
 Concen: 5.257 ng/ul
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BP000769.D
 Acq: 15 Oct 2019 16:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	22.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.278 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

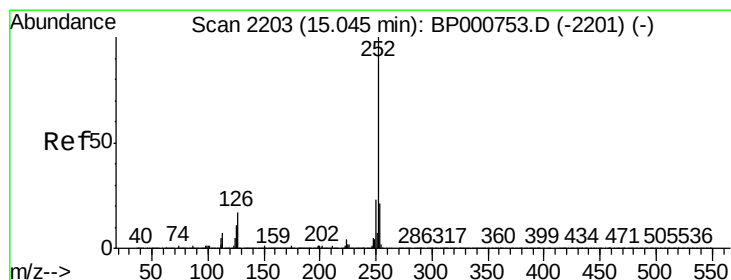
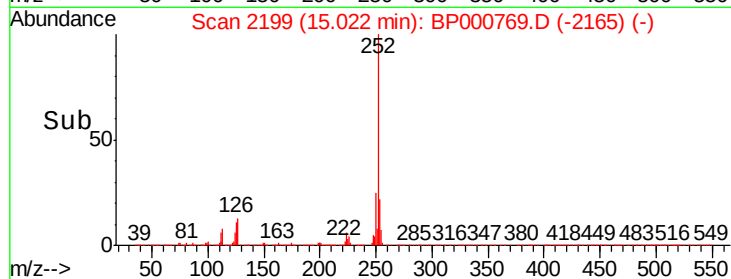
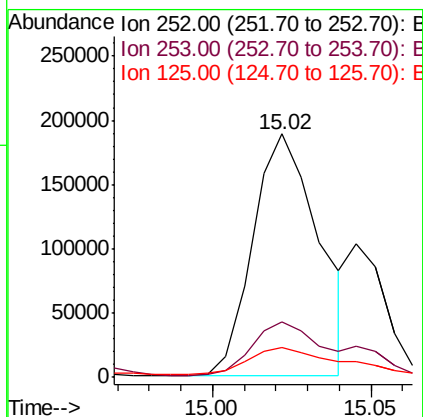
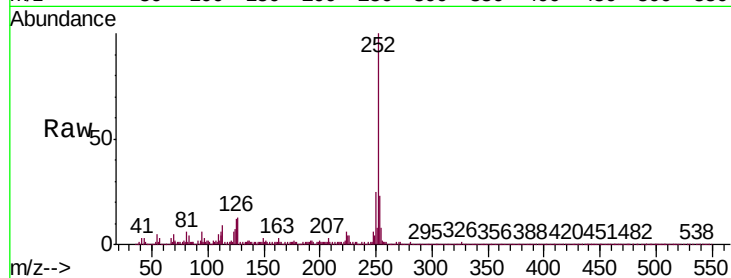
Instrument :

BNA_P

ClientSampleId :

BEP90

Tgt Ion:	252	Resp:	272859
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	12.1	8.7	13.1



#89

Benzo(k)fluoranthene

Concen: 6.593 ng/ul

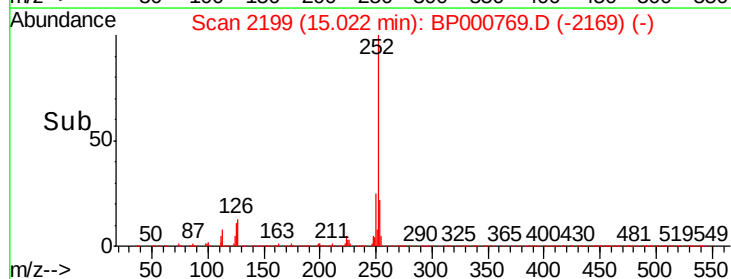
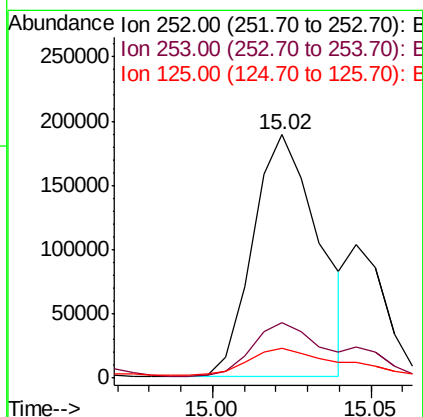
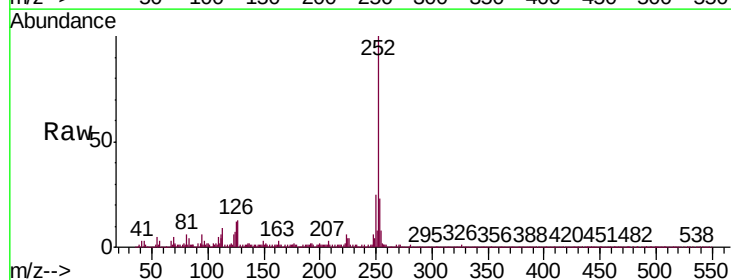
RT: 15.02 min Scan# 2199

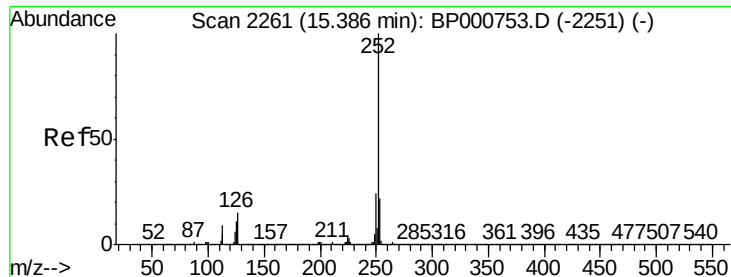
Delta R.T. -0.02 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

Tgt Ion:	252	Resp:	272859
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.1	8.2	12.4





#91

Benzo(a)pyrene

Concen: 4.707 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

Instrument :

BNA_P

ClientSampleId :

BEP90

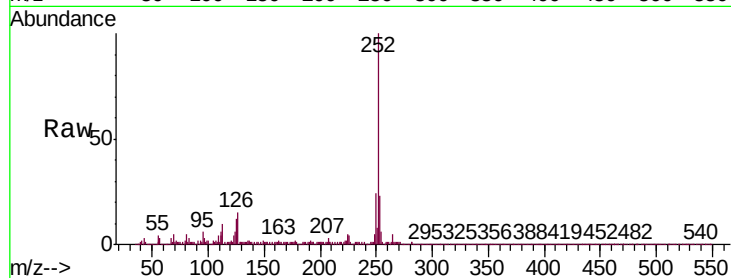
Tgt Ion:252 Resp: 193692

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

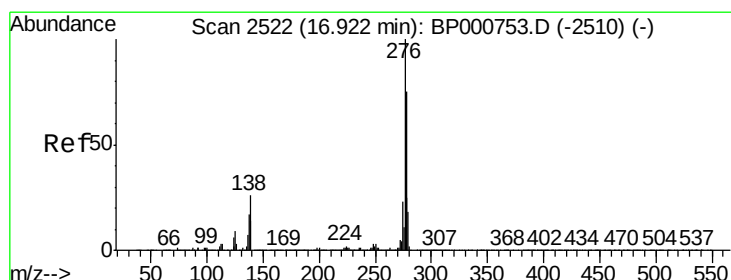
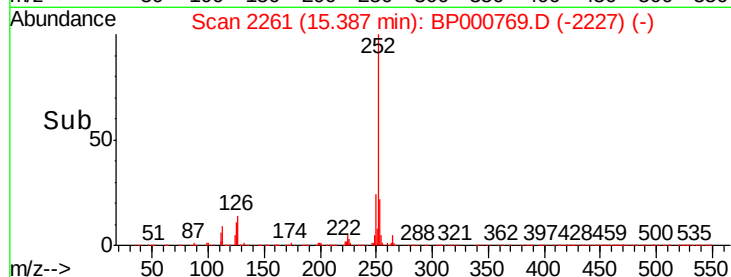
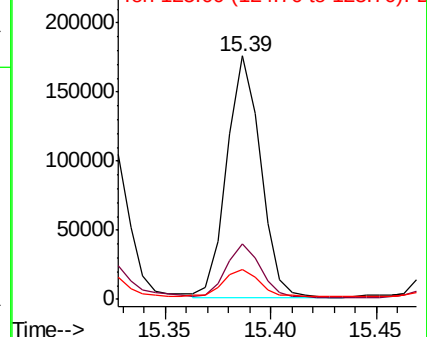
125 12.5 9.7 14.5



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: 2.597 ng/ul

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

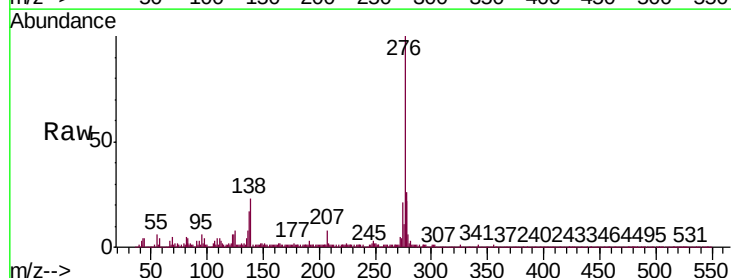
Tgt Ion:276 Resp: 122503

Ion Ratio Lower Upper

276 100

138 23.2 20.0 30.0

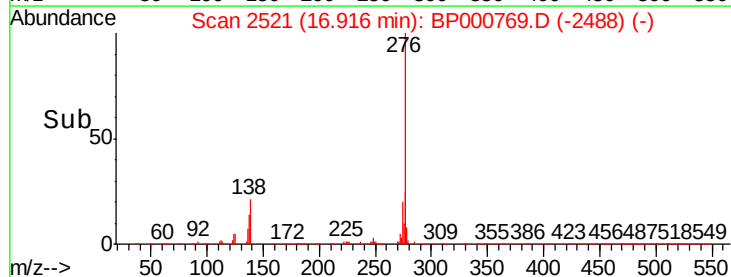
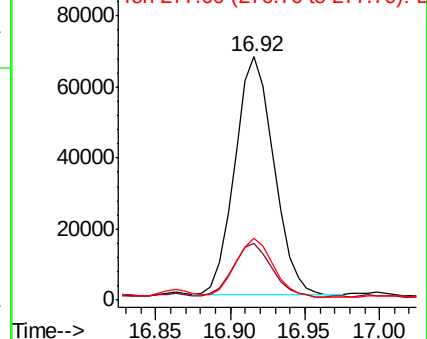
277 25.5 19.8 29.8

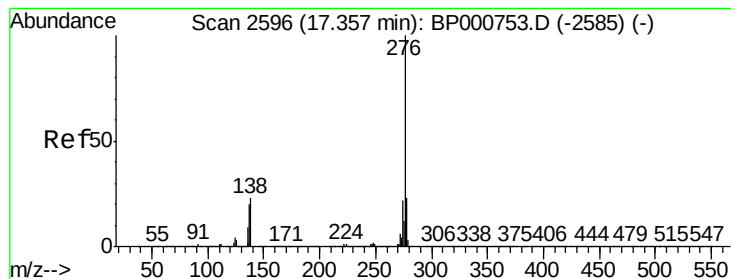


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 2.726 ng/ul

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BP000769.D

Acq: 15 Oct 2019 16:33

Instrument :

BNA_P

ClientSampleId :

BEP90

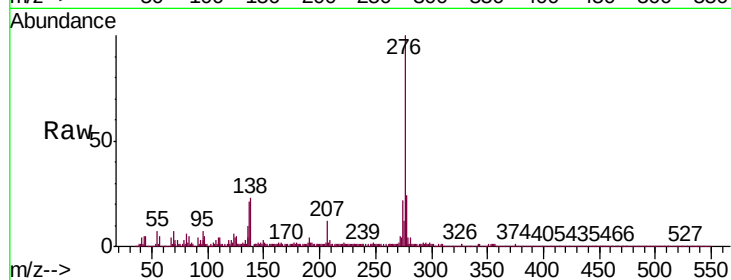
Tgt Ion: 276 Resp: 107078

Ion Ratio Lower Upper

276 100

138 23.0 18.4 27.6

277 24.0 19.4 29.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

