

Data File : BP000762.D
Acq On : 15 Oct 2019 13:45
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPF8

Quant Time: Oct 16 02:27:18 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	225764	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	876986	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	497913	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	899328	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	639173	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	687212	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	28600	5.25	ng/uL	-0.02
5) Phenol-d5	6.39	99	491761	28.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	256706	29.48	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	429619	29.28	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	368389	27.69	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	210530	31.58	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	224914	31.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	400988	29.51	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	400062	26.48	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1138341	32.66	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1329368	31.00	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	141755	26.40	ng/ul	0.00
58) Fluorene-d10	10.32	176	936925	31.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	109524	25.57	ng/ul	0.00
71) Anthracene-d10	11.35	188	1355030	32.53	ng/ul	0.00
79) Pyrene-d10	12.74	212	1349373	37.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1154156	34.02	ng/ul	0.00

Target Compounds

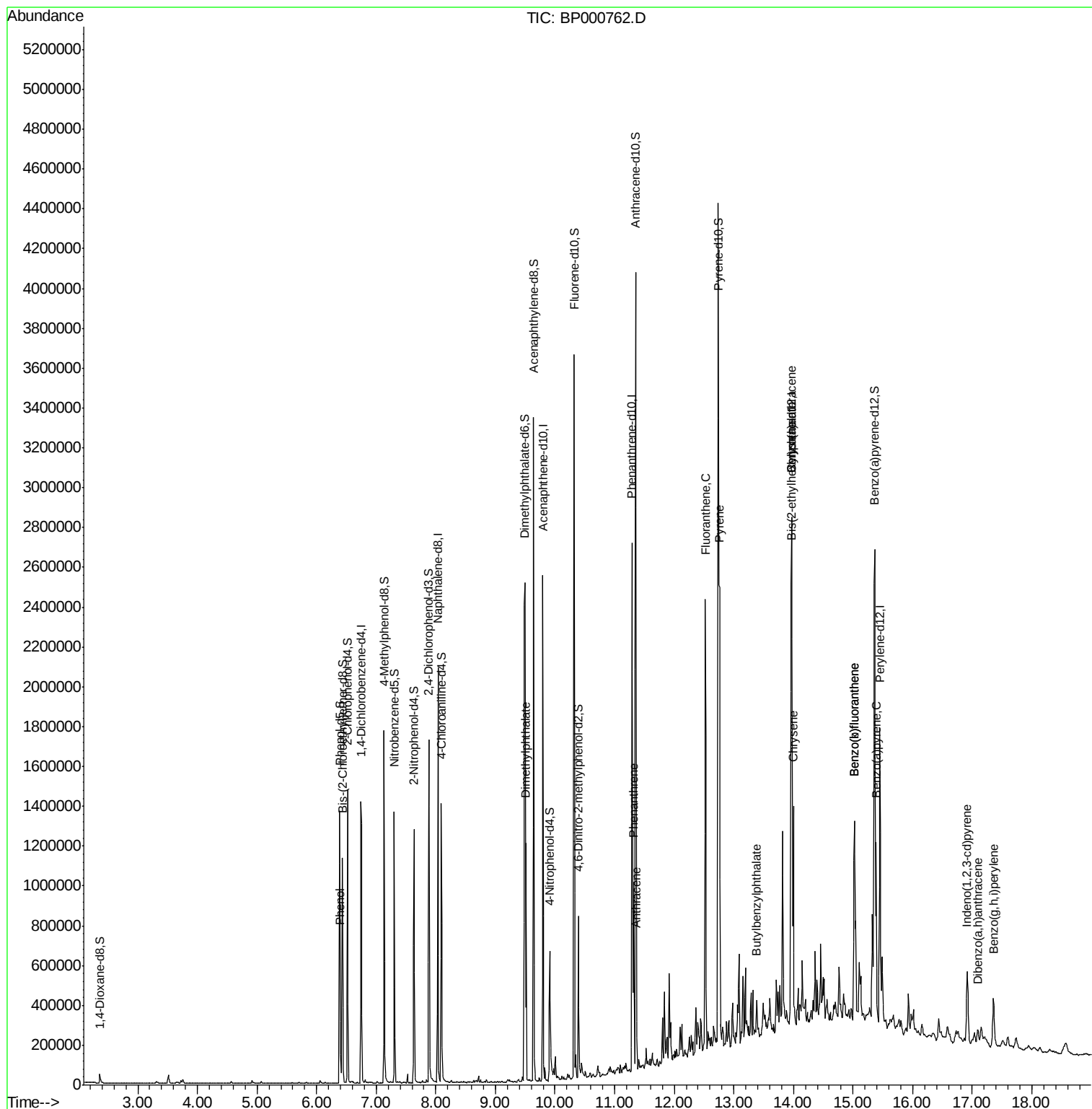
						Qvalue
6) Phenol	6.40	94	79078	4.504	ng/ul	98
45) Dimethylphthalate	9.51	163	461810	13.297	ng/ul	100
70) Phenanthrene	11.32	178	347183	7.084	ng/ul	99
72) Anthracene	11.37	178	76594	1.540	ng/ul	100
77) Fluoranthene	12.52	202	856387	17.053	ng/ul	100
80) Pyrene	12.76	202	826686	18.229	ng/ul	98
81) Butylbenzylphthalate	13.38	149	41704	2.250	ng/ul	91
83) Benzo(a)anthracene	13.96	228	434264	10.123	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	144250	5.856	ng/ul	100
85) Chrysene	14.00	228	445414	11.171	ng/ul	98
88) Benzo(b)fluoranthene	15.02	252	543861	13.264	ng/ul	98
89) Benzo(k)fluoranthene	15.02	252	543861	13.929	ng/ul	98
91) Benzo(a)pyrene	15.39	252	376787	9.706	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.92	276	236771	5.321	ng/ul	97
93) Dibenzo(a,h)anthracene	17.09	278	49963	1.370	ng/ul	95
94) Benzo(g,h,i)perylene	17.36	276	192667	5.200	ng/ul	99

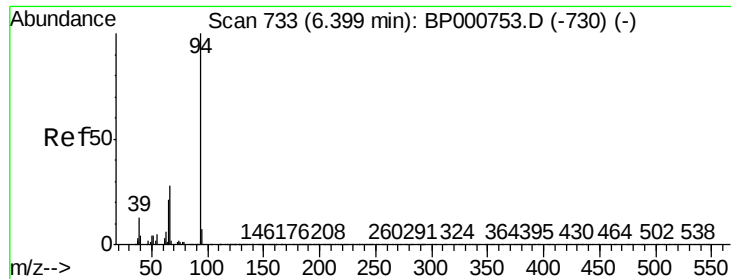
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.504 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

Instrument :

BNA_P

ClientSampleId :

BEPF8

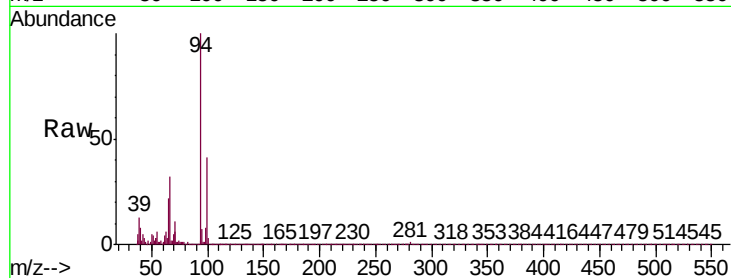
Tgt Ion: 94 Resp: 79078

Ion Ratio Lower Upper

94 100

65 22.1 19.2 28.8

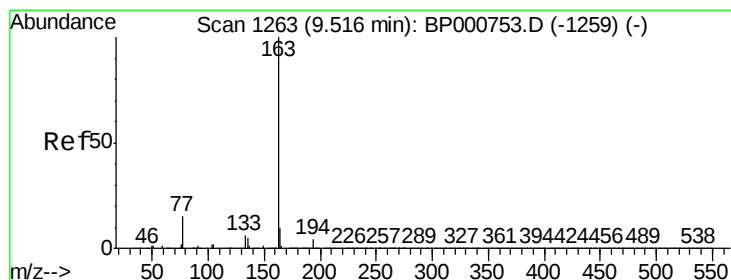
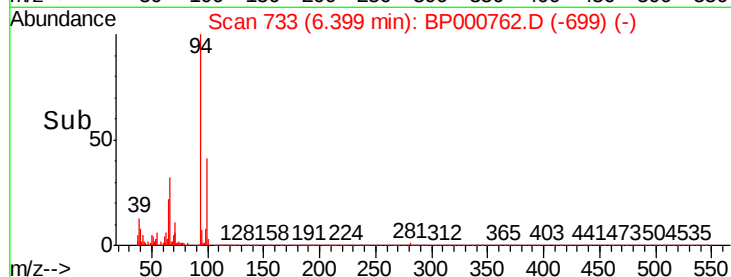
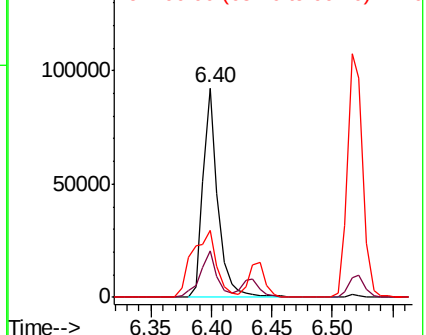
66 31.9 25.7 38.5



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 13.297 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

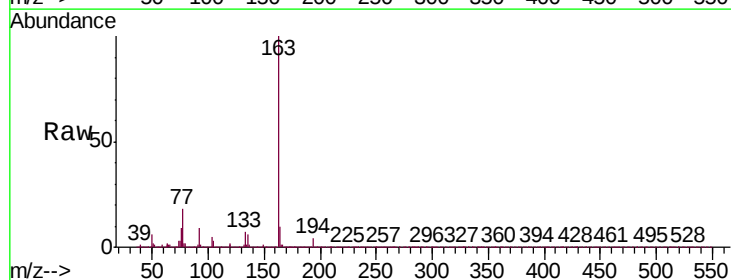
Tgt Ion: 163 Resp: 461810

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

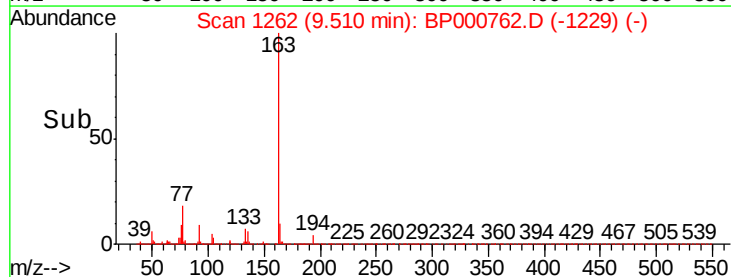
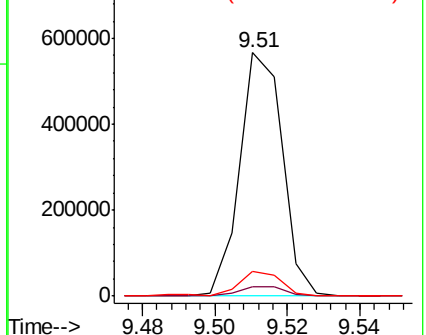
164 10.3 8.1 12.1

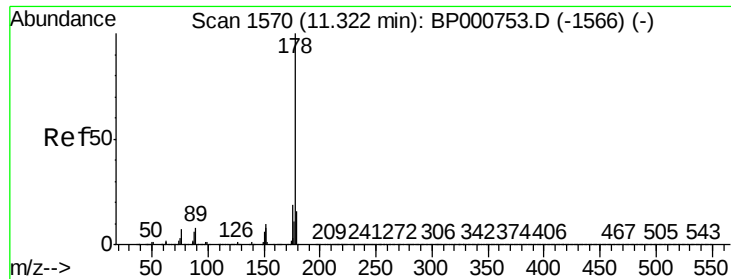


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 7.084 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

Instrument :

BNA_P

ClientSampled :

BEPF8

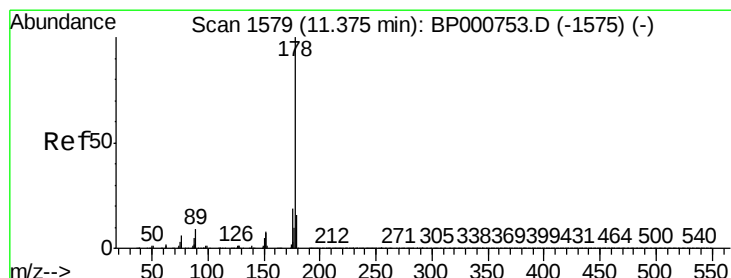
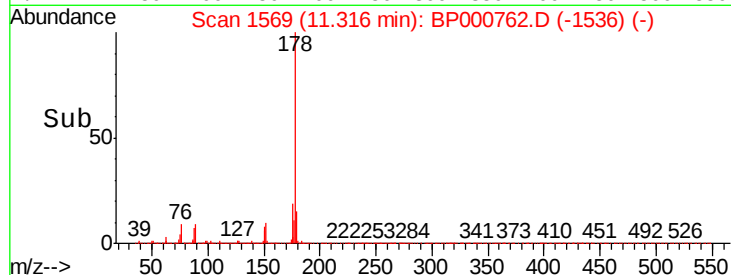
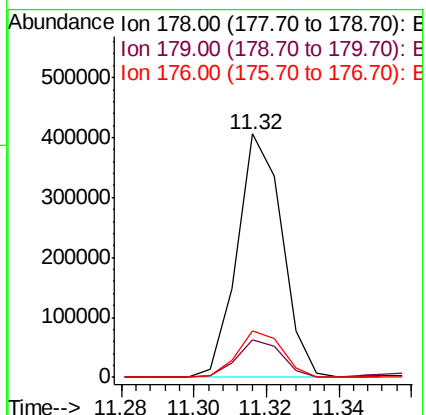
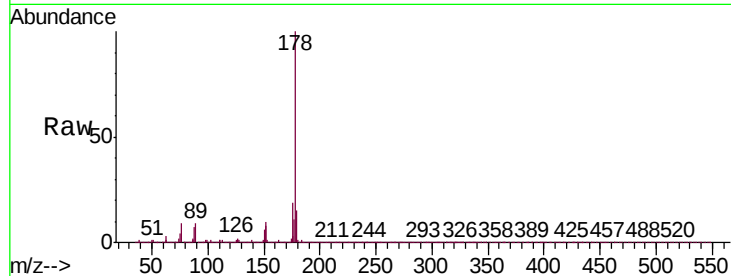
Tgt Ion:178 Resp: 347183

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 19.1 15.4 23.2



#72

Anthracene

Concen: 1.540 ng/ul

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

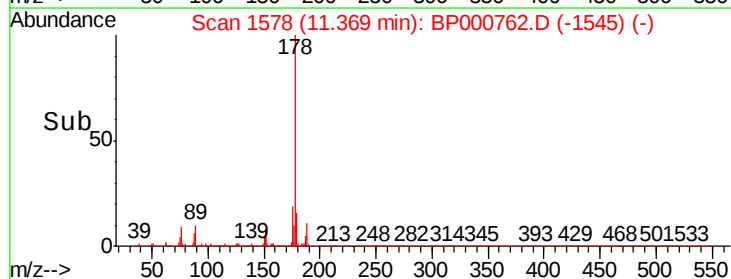
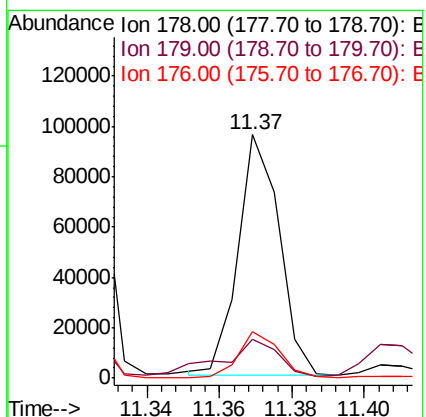
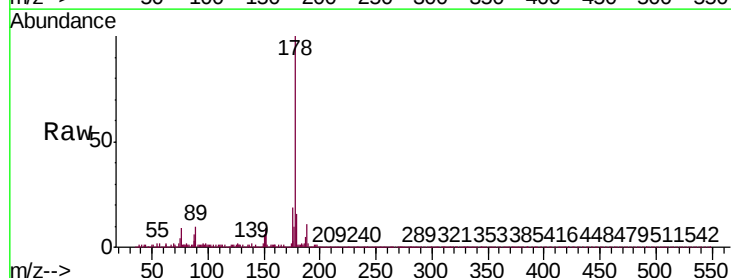
Tgt Ion:178 Resp: 76594

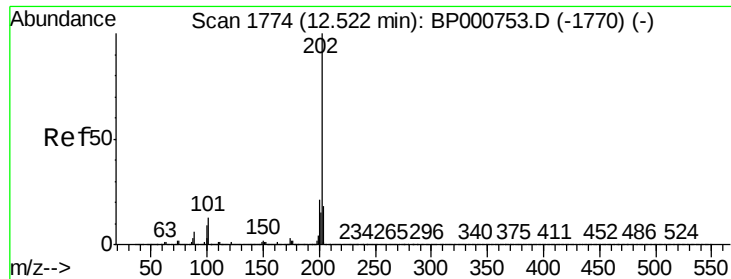
Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 18.9 15.1 22.7

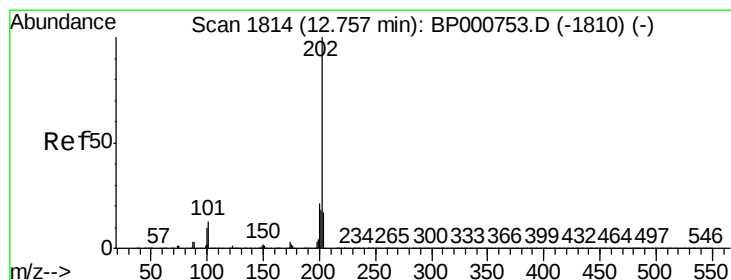
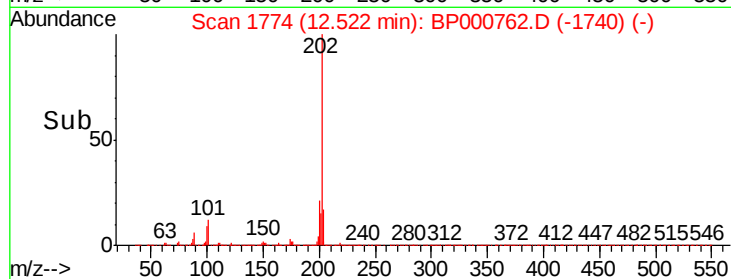
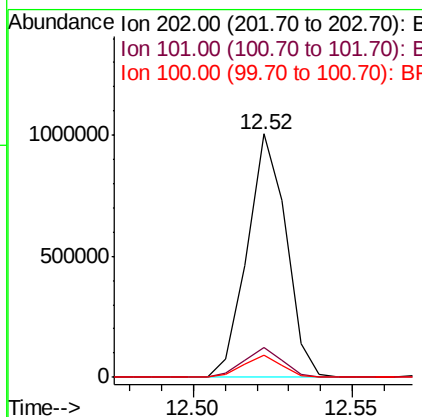
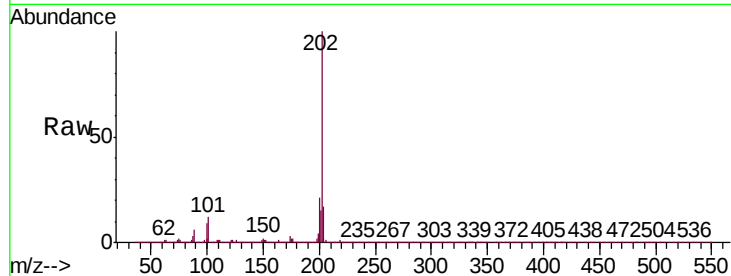




#77
 Fluoranthene
 Concen: 17.053 ng/ul
 RT: 12.52 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BP000762.D
 Acq: 15 Oct 2019 13:45

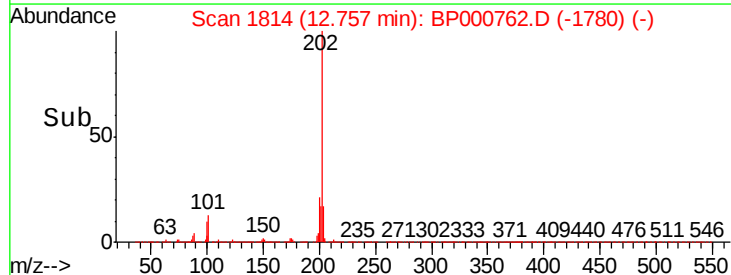
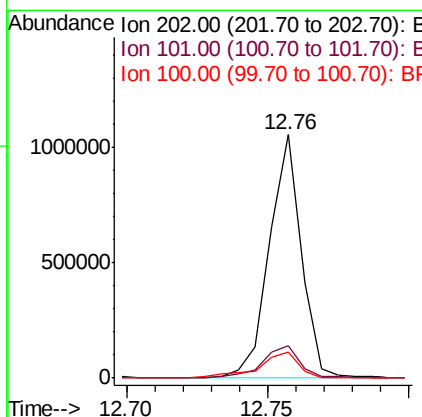
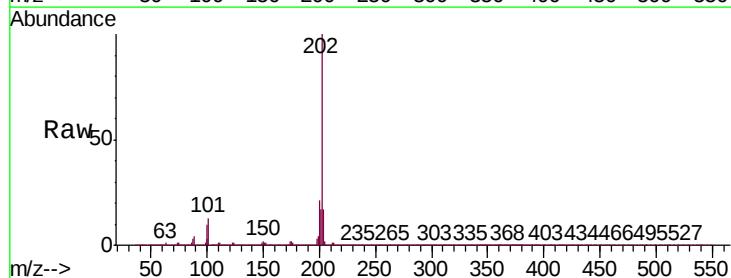
Instrument :
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 BEPF8

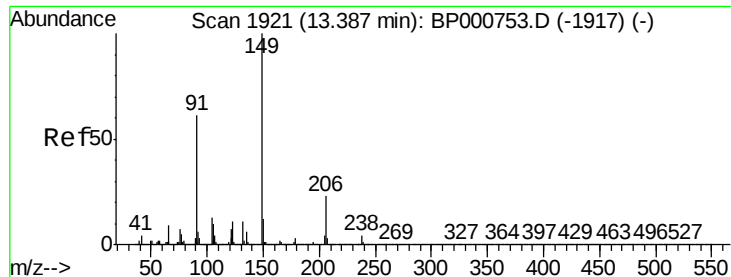
Tgt Ion:	202	Resp:	856387
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
100	8.9	7.2	10.8



#80
 Pyrene
 Concen: 18.229 ng/ul
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BP000762.D
 Acq: 15 Oct 2019 13:45

Tgt Ion:	202	Resp:	826686
Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.7	14.5
100	10.5	7.8	11.8

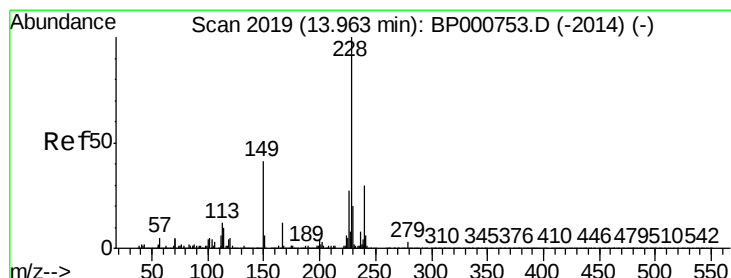
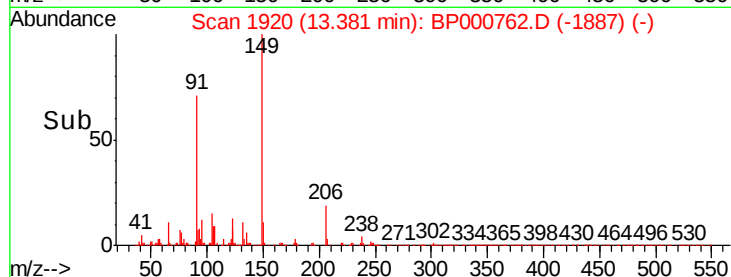
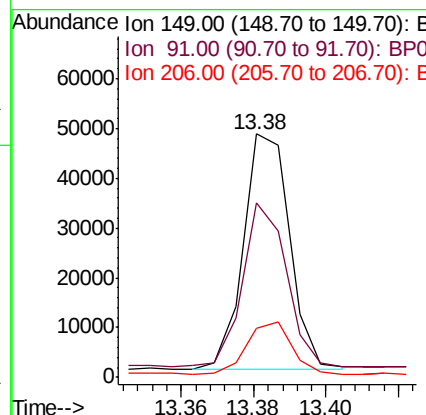
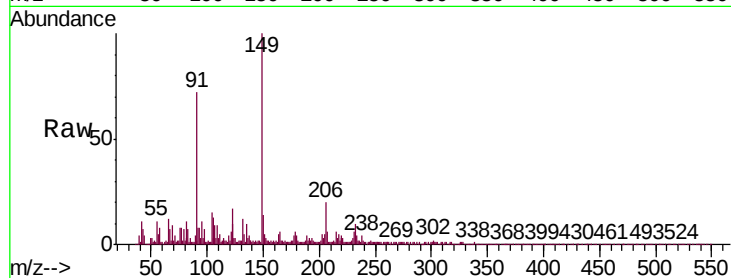




#81
Butylbenzylphthalate
Concen: 2.250 ng/ul
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

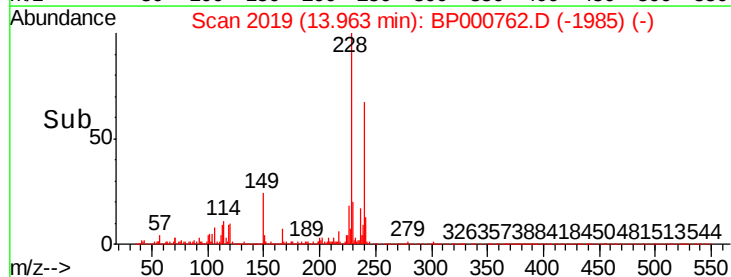
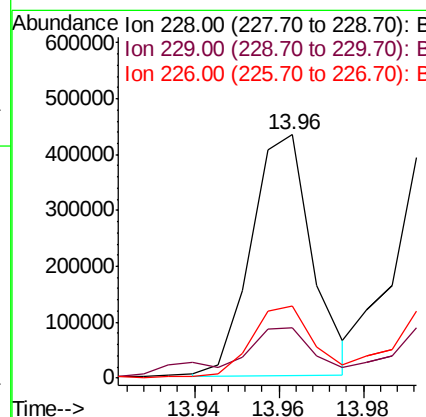
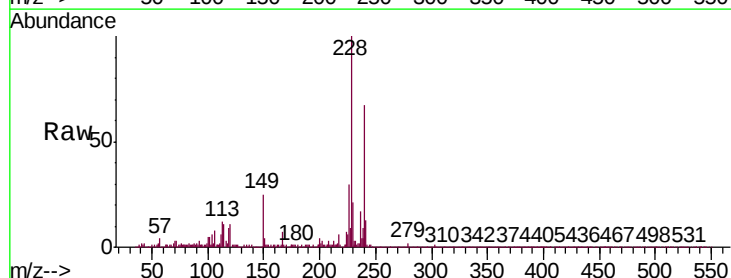
Instrument :
BNA_P
ClientSampleId :
BEPF8

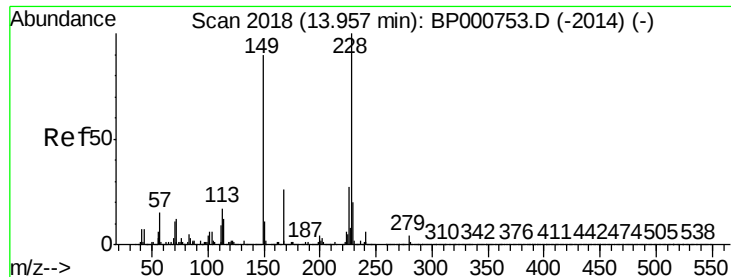
Tgt Ion:149 Resp: 41704
Ion Ratio Lower Upper
149 100
91 71.8 50.6 75.8
206 20.3 17.8 26.6



#83
Benzo(a)anthracene
Concen: 10.123 ng/ul
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Tgt Ion:228 Resp: 434264
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 29.6 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.856 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

Instrument :

BNA_P

ClientSampleId :

BEPF8

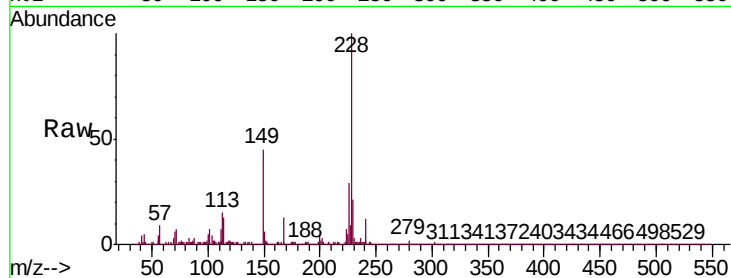
Tgt Ion:149 Resp: 144250

Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

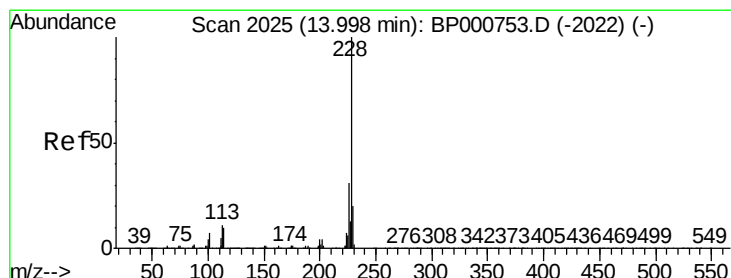
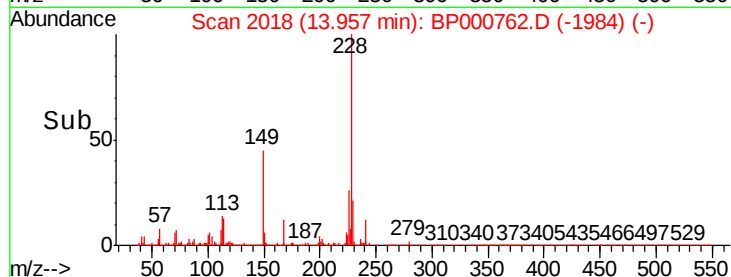
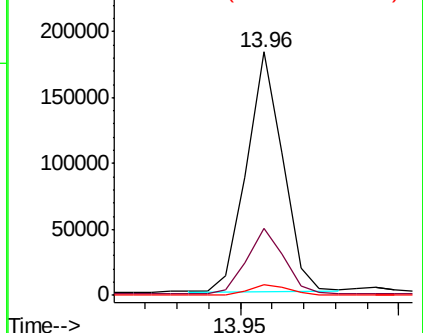
279 4.5 3.2 4.8



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: 11.171 ng/ul

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

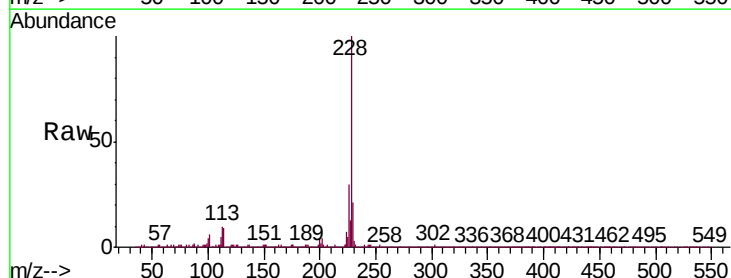
Tgt Ion:228 Resp: 445414

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

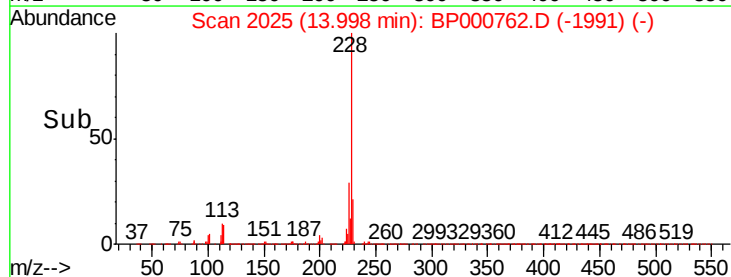
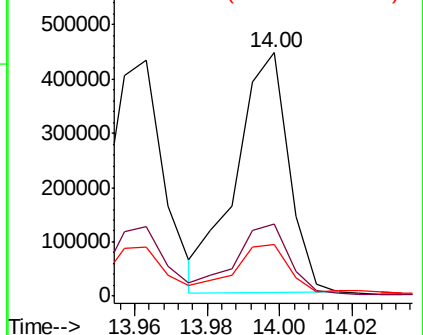
229 21.4 15.8 23.6

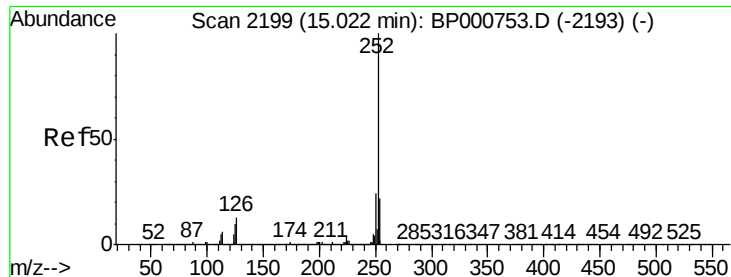


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 13.264 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000762.D

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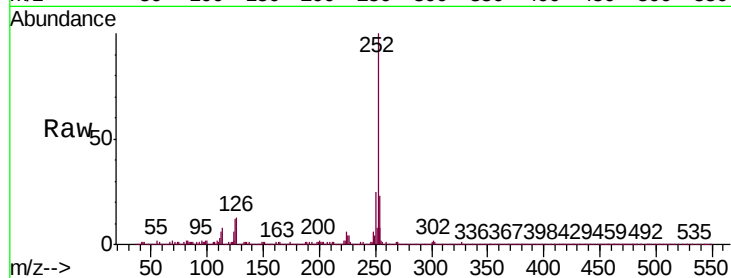
Tgt Ion:252 Resp: 543861

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

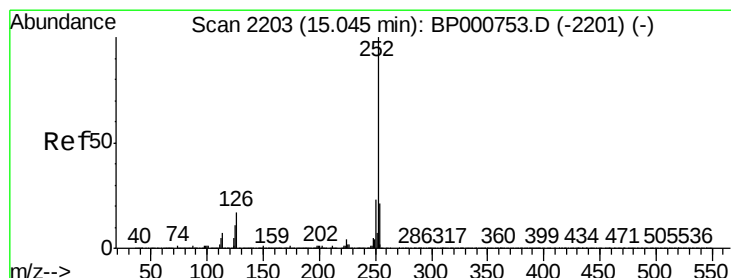
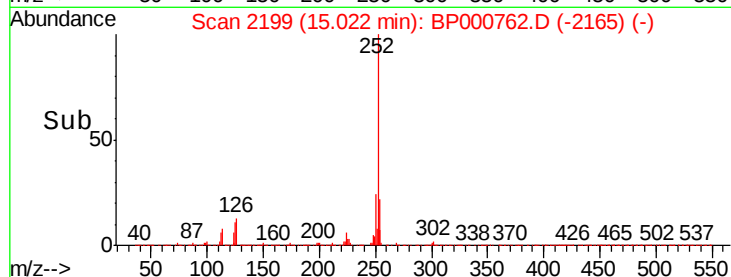
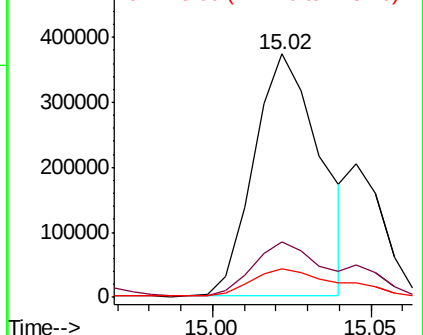
125 11.7 8.7 13.1



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



#89

Benzo(k)fluoranthene

Concen: 13.929 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

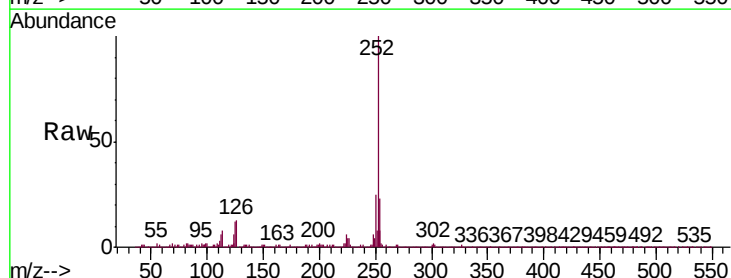
Tgt Ion:252 Resp: 543861

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

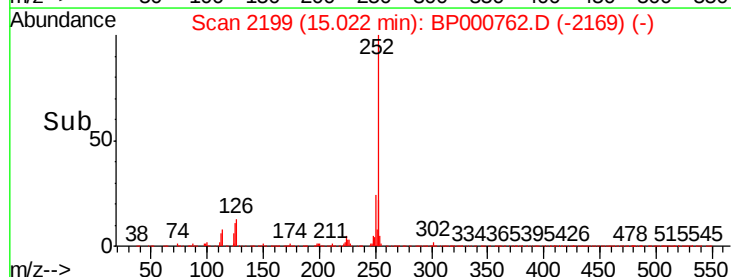
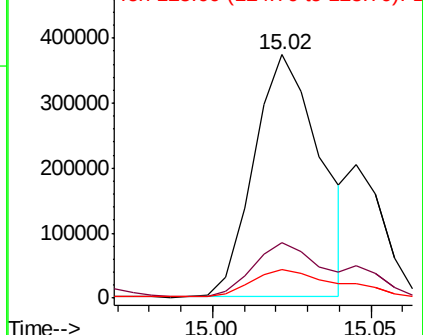
125 11.7 8.2 12.4

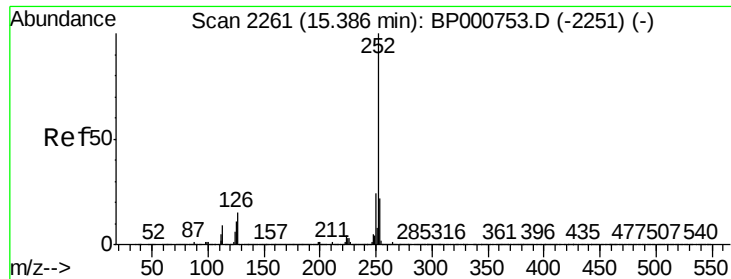


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 9.706 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BP000762.D

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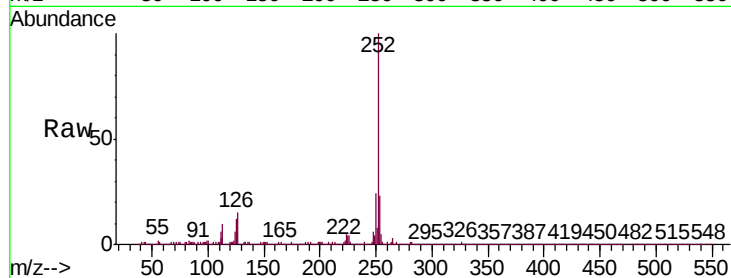
Tgt Ion:252 Resp: 376787

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

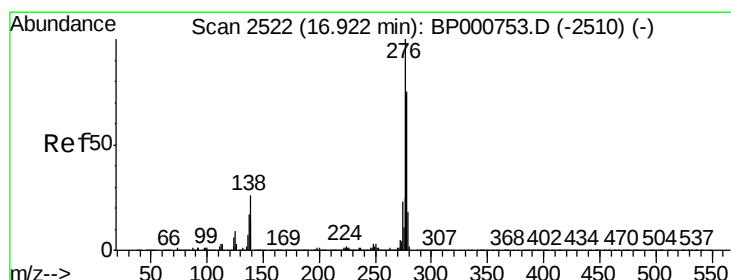
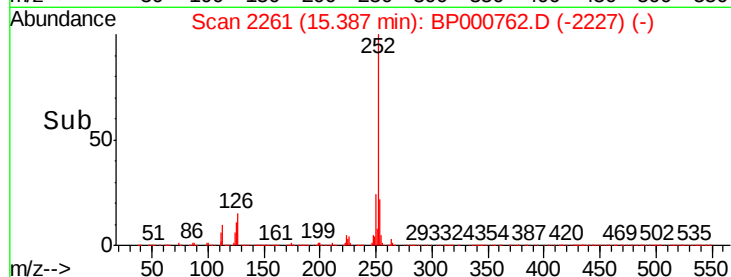
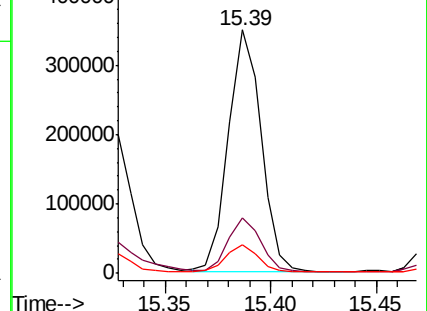
125 11.8 9.7 14.5



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: 5.321 ng/ul

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

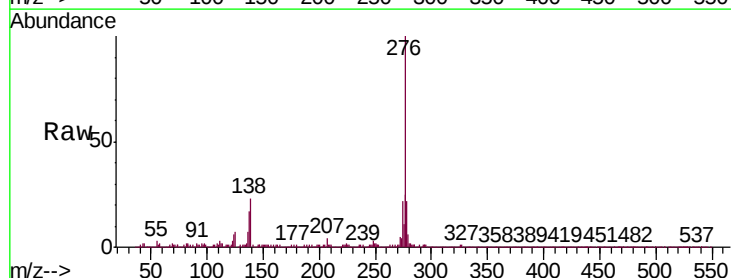
Tgt Ion:276 Resp: 236771

Ion Ratio Lower Upper

276 100

138 22.5 20.0 30.0

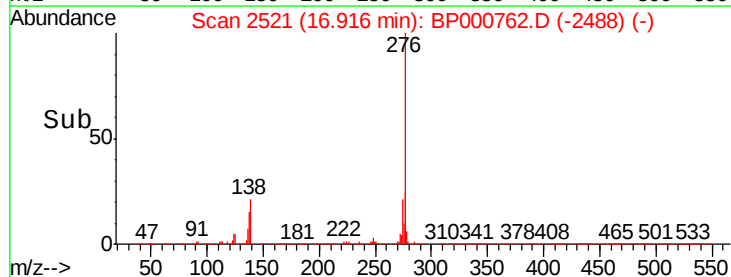
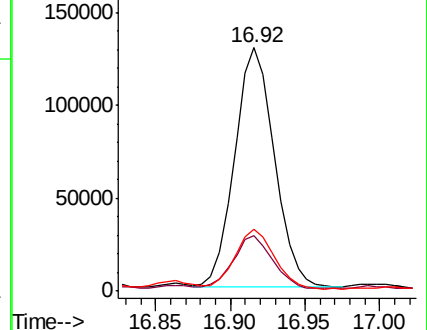
277 25.2 19.8 29.8

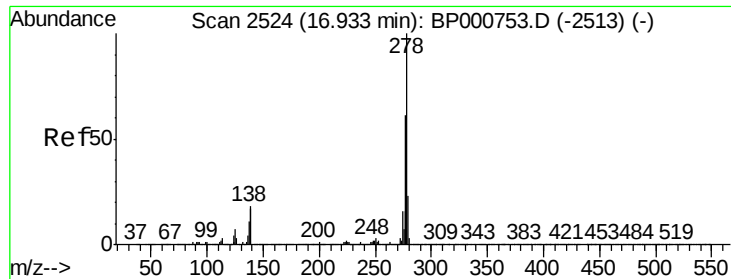


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

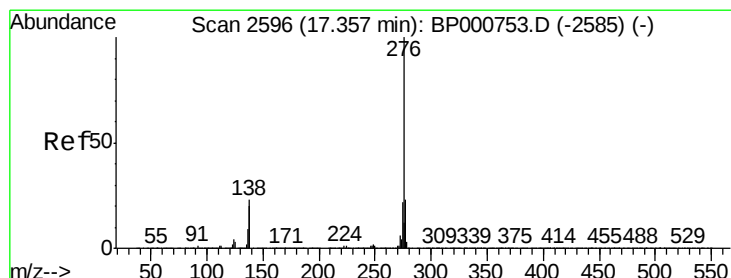
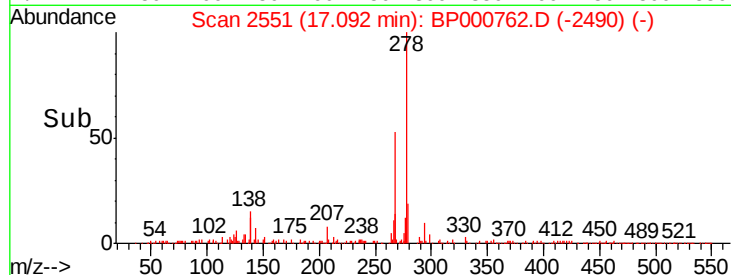
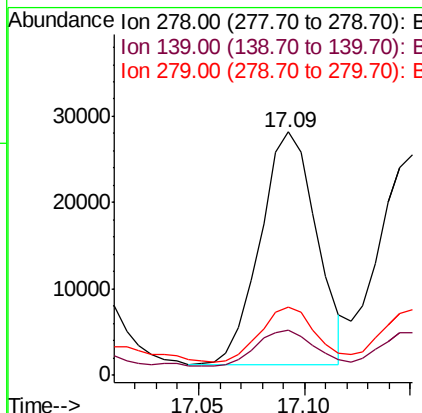
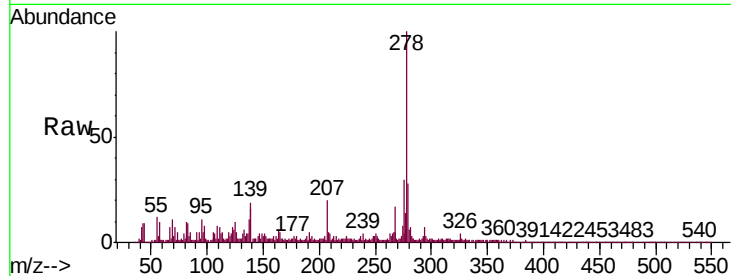




#93
Dibenzo(a,h)anthracene
Concen: 1.370 ng/ul
RT: 17.09 min Scan# 2551
Delta R.T. 0.16 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Instrument :
BNA_P
ClientSampleId :
BEPF8

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.2	21.4
279	27.8	19.2	28.8



#94
Benzo(g,h,i)perylene
Concen: 5.200 ng/ul
RT: 17.36 min Scan# 2596
Delta R.T. 0.00 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.4	27.6
277	23.3	19.4	29.0

