

Data File : BP000761.D
Acq On : 15 Oct 2019 13:21
Operator : JU
Sample : K5175-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPF7

Quant Time: Oct 16 02:26:55 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	205496	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	817121	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	470968	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	906313	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	795837	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	819634	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.35	96	22080	4.46	ng/uL	-0.04
5) Phenol-d5	6.38	99	372610	23.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	207535	26.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	331248	24.80	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	243809	20.13	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	167231	26.92	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	184693	27.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	316025	24.96	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	344936	24.50	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	926710	28.11	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1108015	27.32	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	119804	23.59	ng/ul	0.00
58) Fluorene-d10	10.32	176	781291	27.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	88824	20.58	ng/ul	0.00
71) Anthracene-d10	11.35	188	1159389	27.62	ng/ul	0.00
79) Pyrene-d10	12.74	212	1334130	29.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1213688	29.99	ng/ul	0.00

Target Compounds

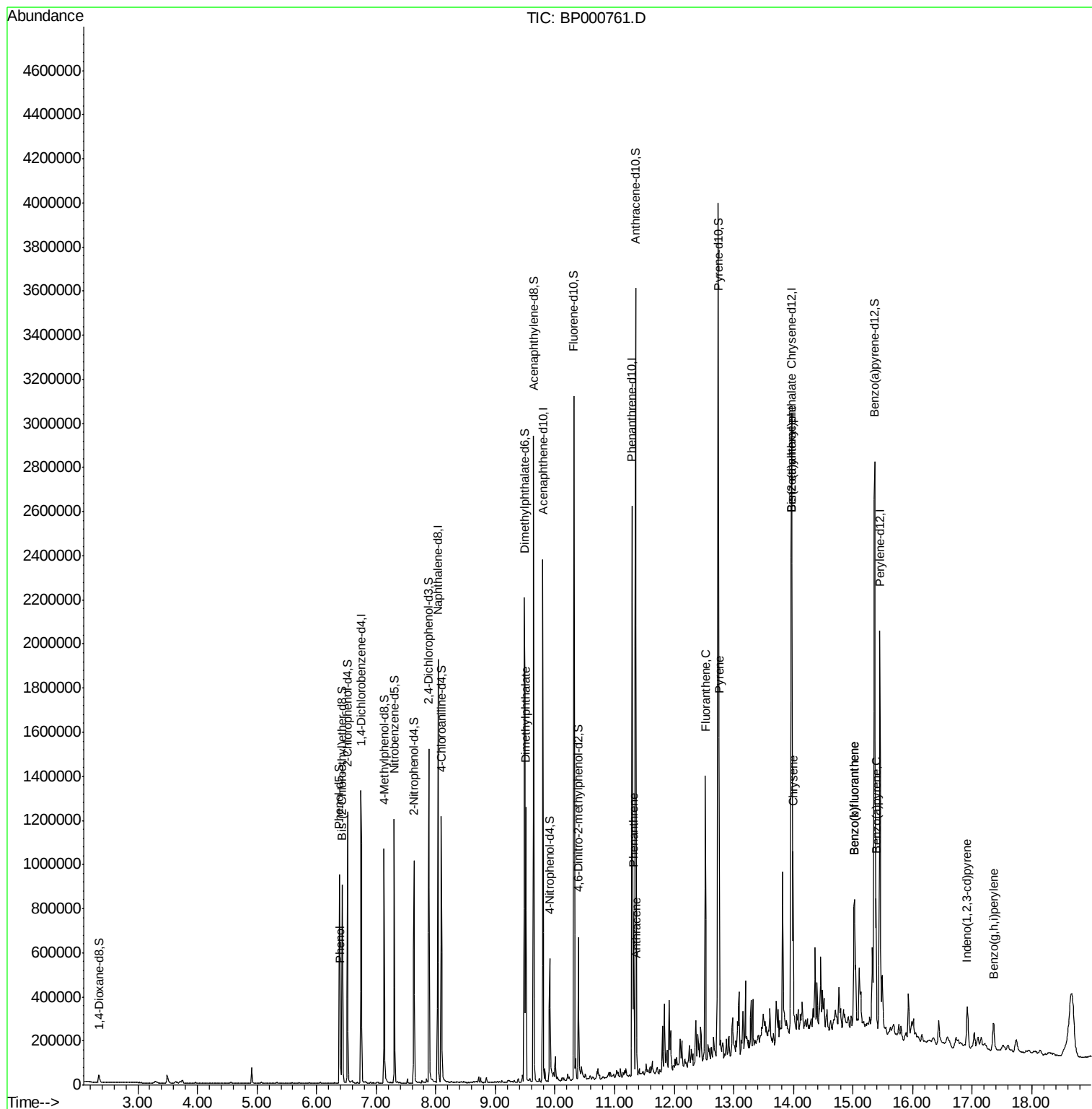
						Qvalue
6) Phenol	6.40	94	34094	2.134	ng/ul	97
45) Dimethylphthalate	9.51	163	439556	13.380	ng/ul	99
70) Phenanthrene	11.32	178	251405	5.090	ng/ul	99
72) Anthracene	11.37	178	50549	1.008	ng/ul	100
77) Fluoranthene	12.52	202	465776	9.203	ng/ul	98
80) Pyrene	12.76	202	546825	9.684	ng/ul	99
83) Benzo(a)anthracene	13.96	228	322643	6.040	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	133444	4.351	ng/ul	99
85) Chrysene	14.00	228	320114	6.448	ng/ul	98
88) Benzo(b)fluoranthene	15.02	252	320774	6.559	ng/ul	97
89) Benzo(k)fluoranthene	15.02	252	320774	6.888	ng/ul	97
91) Benzo(a)pyrene	15.39	252	246231	5.318	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.92	276	120241	2.266	ng/ul	98
94) Benzo(g,h,i)perylene	17.36	276	107953	2.443	ng/ul	97

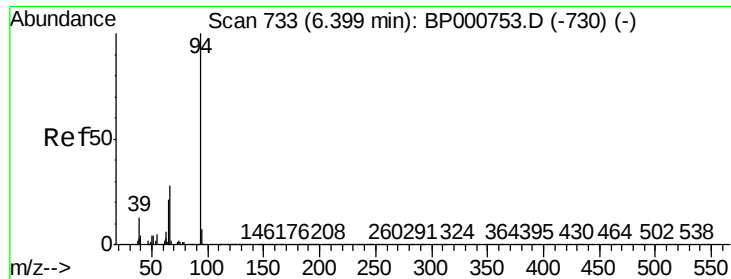
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.134 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000761.D

Acq: 15 Oct 2019 13:21

Instrument :

BNA_P

ClientSampleId :

BEPF7

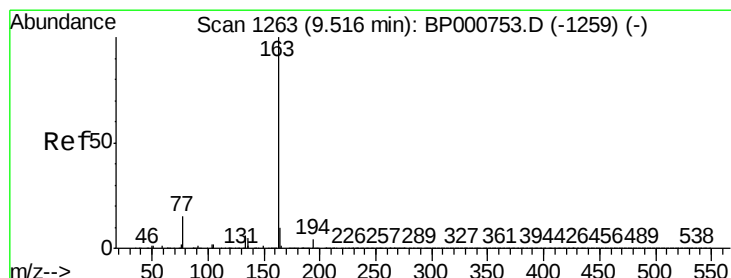
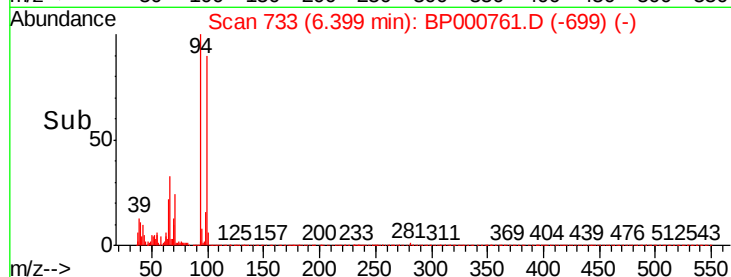
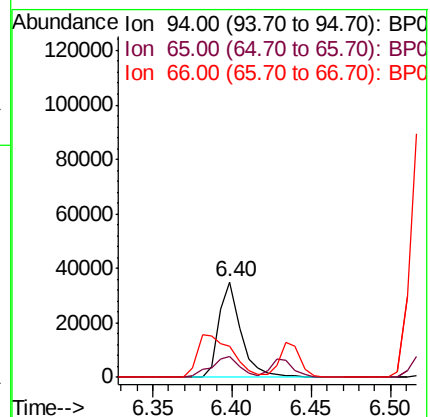
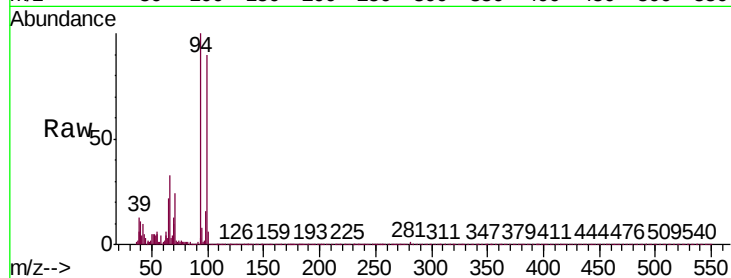
Tgt Ion: 94 Resp: 34094

Ion Ratio Lower Upper

94 100

65 22.4 19.2 28.8

66 33.4 25.7 38.5



#45

Dimethylphthalate

Concen: 13.380 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000761.D

Acq: 15 Oct 2019 13:21

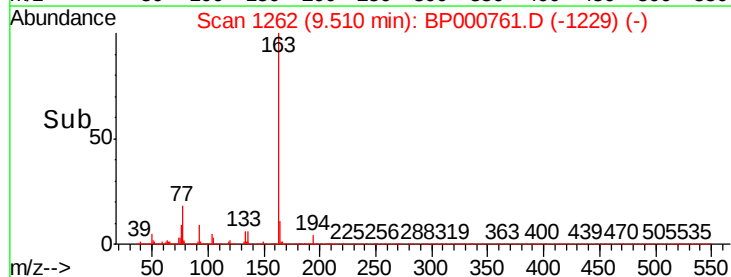
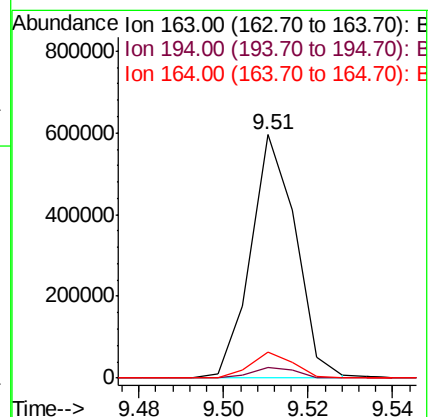
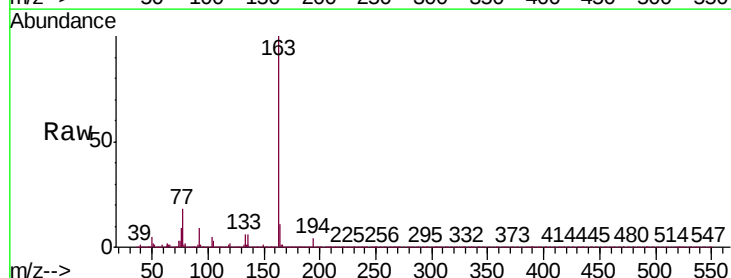
Tgt Ion: 163 Resp: 439556

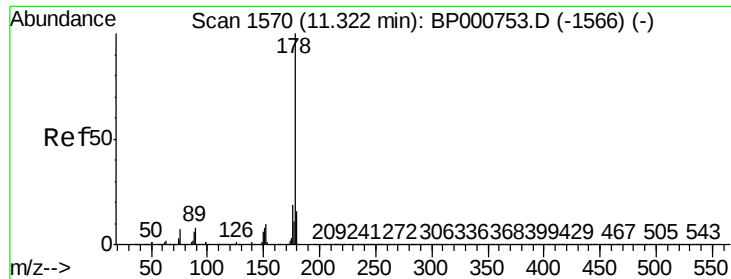
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.6 8.1 12.1





#70

Phenanthrene

Concen: 5.090 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000761.D

Acq: 15 Oct 2019 13:21

Instrument :

BNA_P

ClientSampleId :

BEPF7

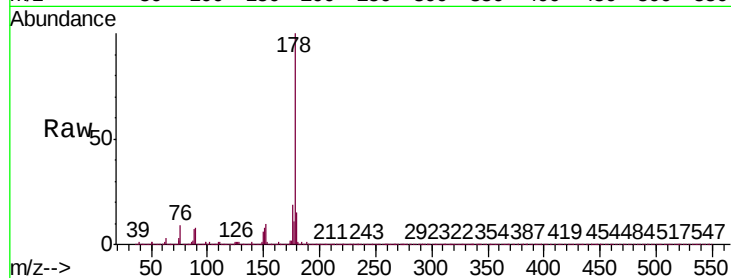
Tgt Ion:178 Resp: 251405

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

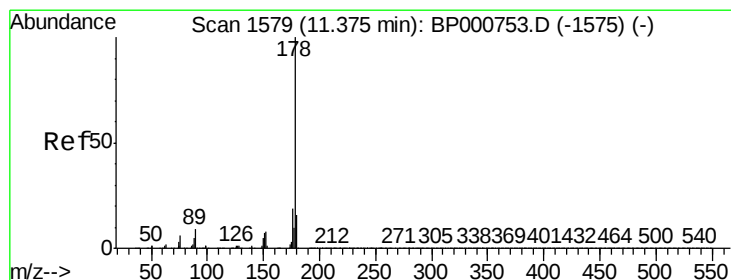
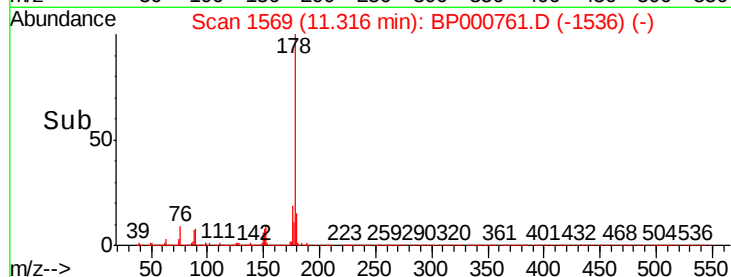
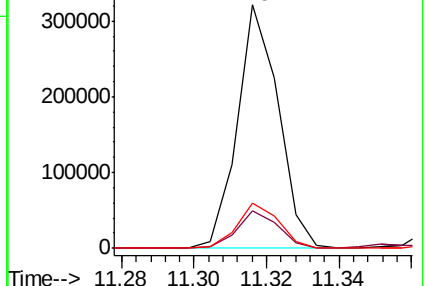
176 18.6 15.4 23.2



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



#72

Anthracene

Concen: 1.008 ng/ul

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BP000761.D

Acq: 15 Oct 2019 13:21

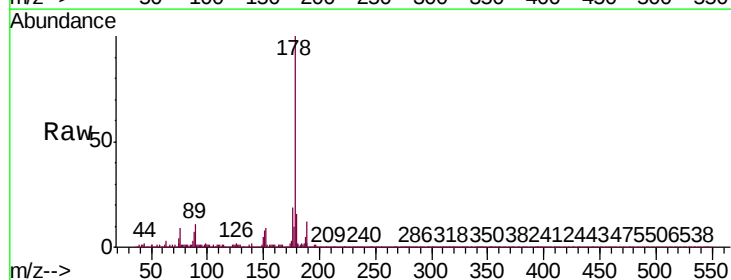
Tgt Ion:178 Resp: 50549

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

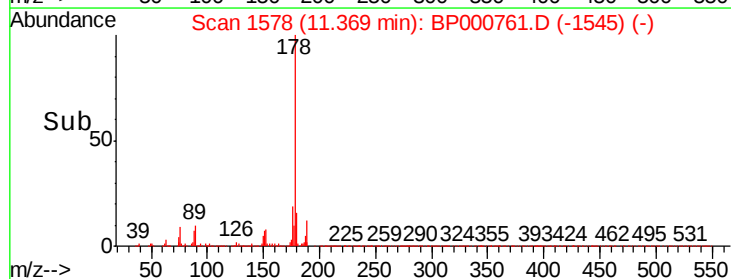
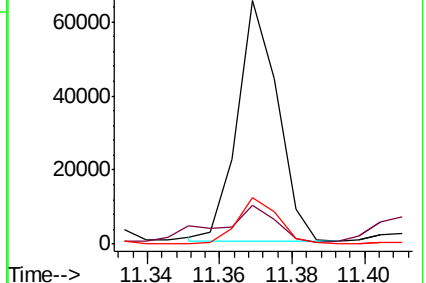
176 18.9 15.1 22.7

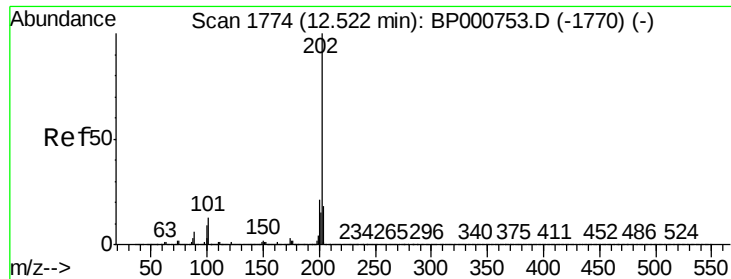


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

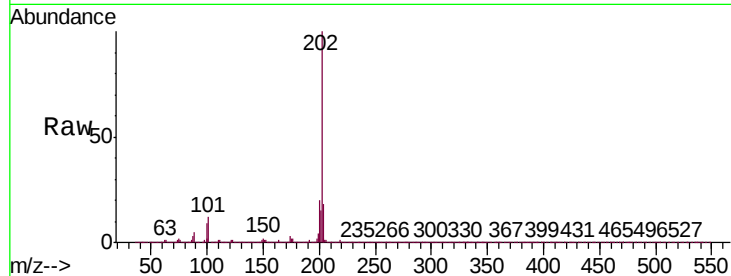




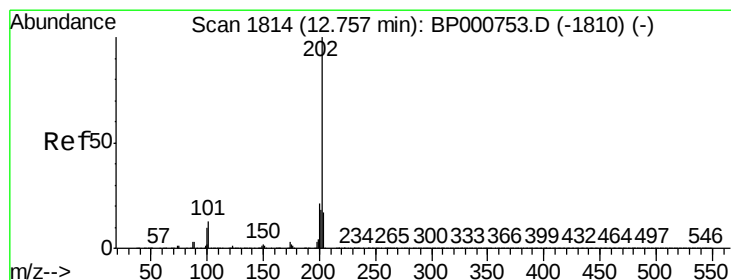
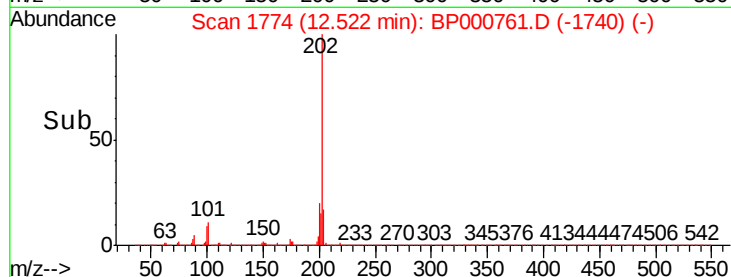
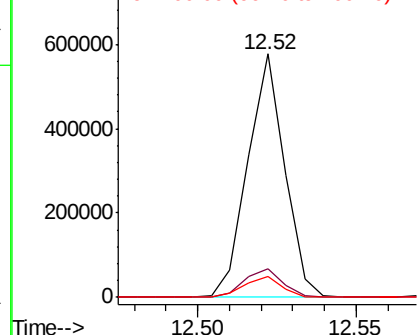
#77
Fluoranthene
Concen: 9.203 ng/ul
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP000761.D
Acq: 15 Oct 2019 13:21

Instrument :
BNA_P
ClientSampleId :
BEPF7

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.6
100	8.5	7.2	10.8

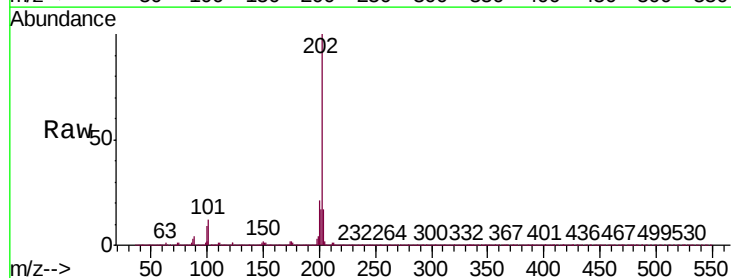


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BF

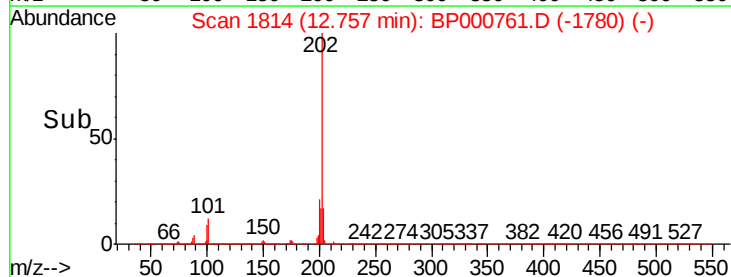
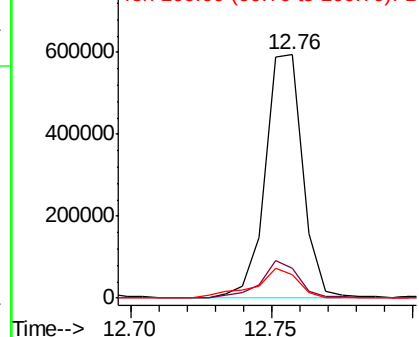


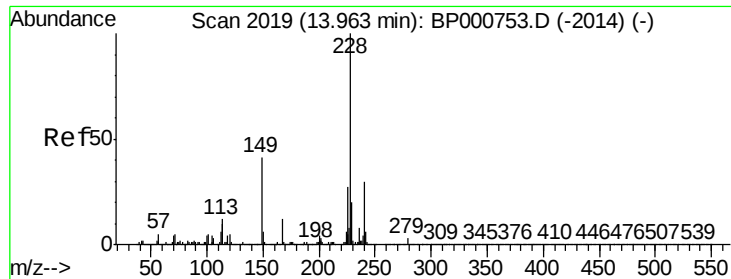
#80
Pyrene
Concen: 9.684 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BP000761.D
Acq: 15 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	9.4	7.8	11.8



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): BF

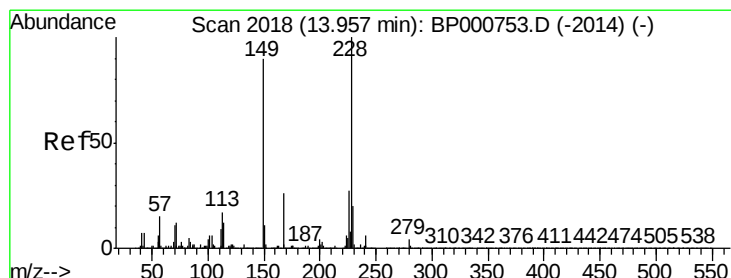
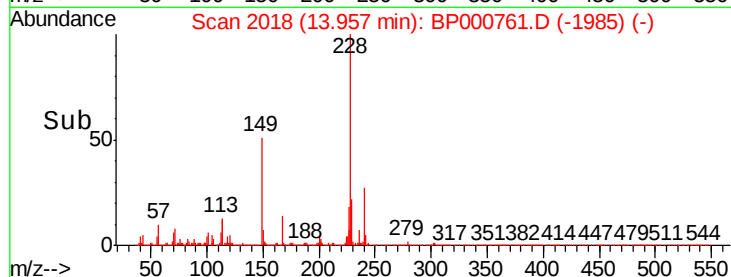
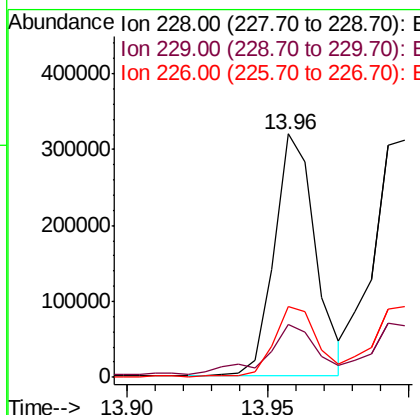
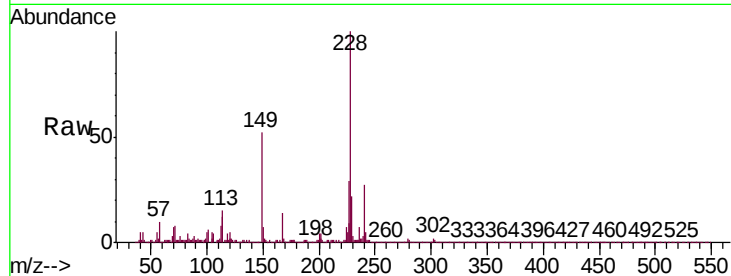




#83
Benzo(a)anthracene
Concen: 6.040 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000761.D
Acq: 15 Oct 2019 13:21

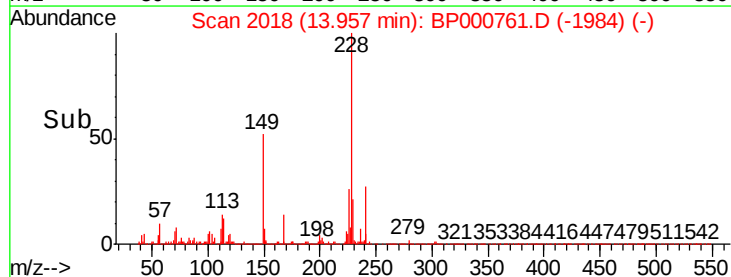
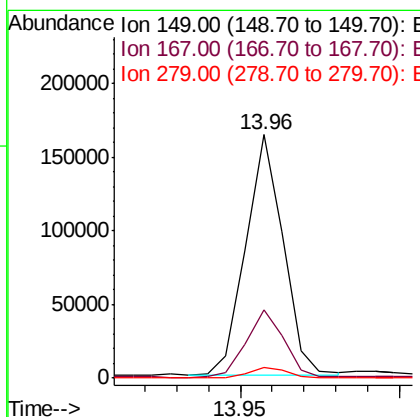
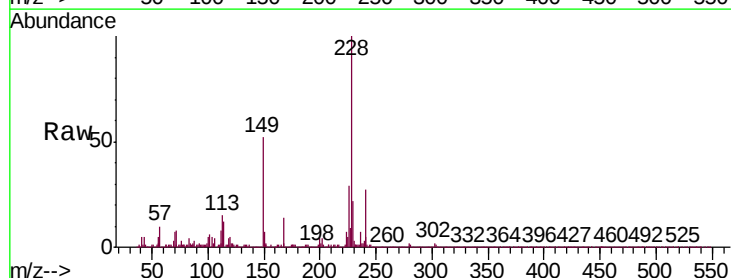
Instrument :
BNA_P
ClientSampleId :
BEPF7

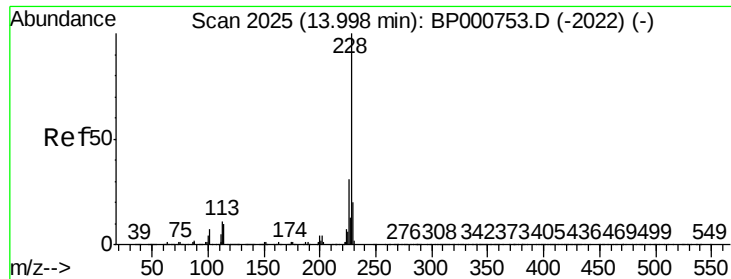
Tgt Ion: 228 Resp: 322643
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 29.2 21.8 32.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.351 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BP000761.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 149 Resp: 133444
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 4.6 3.2 4.8





#85

Chrysene

Concen: 6.448 ng/ul

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BP000761.D

Acq: 15 Oct 2019 13:21

Instrument :

BNA_P

ClientSampleId :

BEPF7

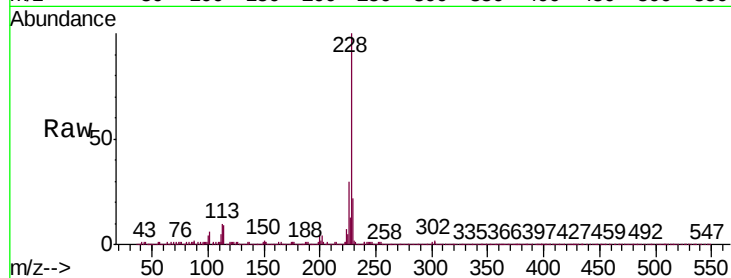
Tgt Ion:228 Resp: 320114

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

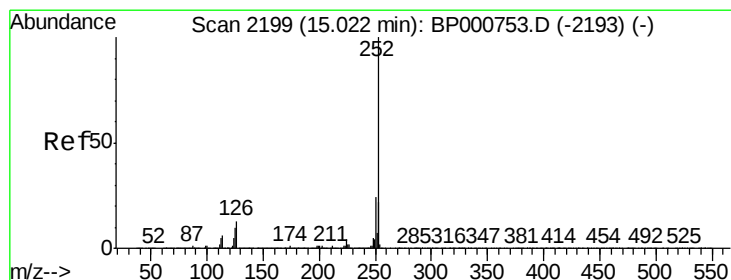
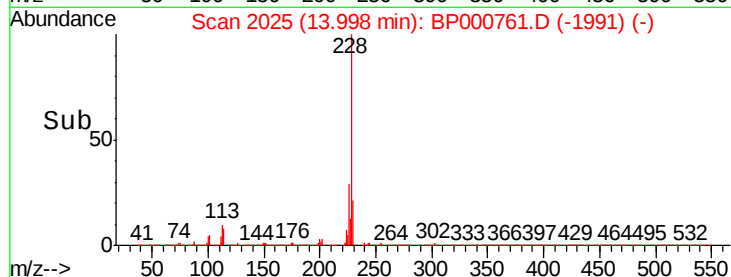
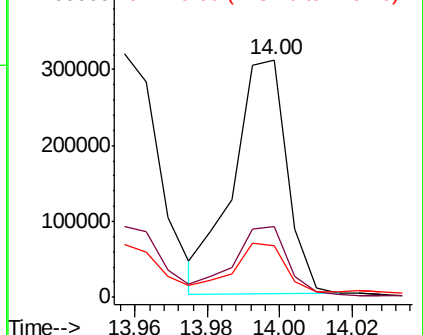
229 21.7 15.8 23.6



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: 6.559 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000761.D

Acq: 15 Oct 2019 13:21

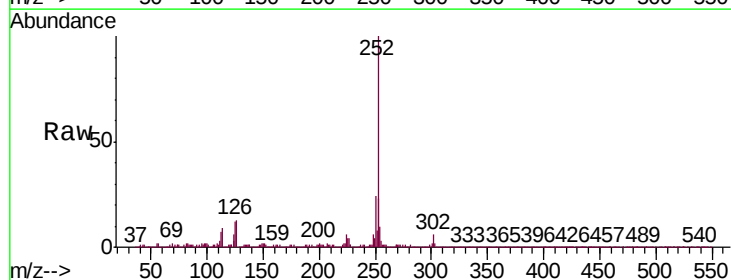
Tgt Ion:252 Resp: 320774

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

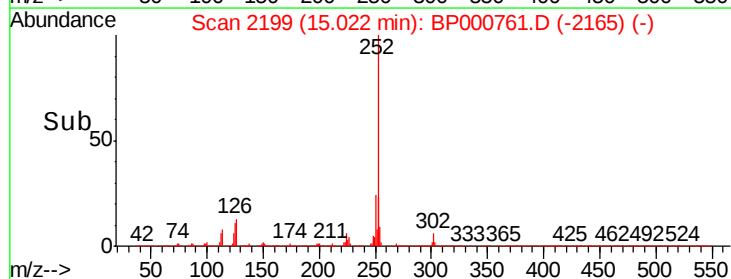
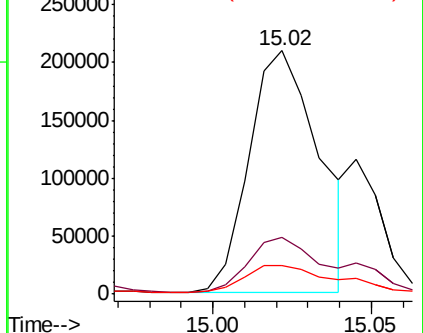
125 11.8 8.7 13.1

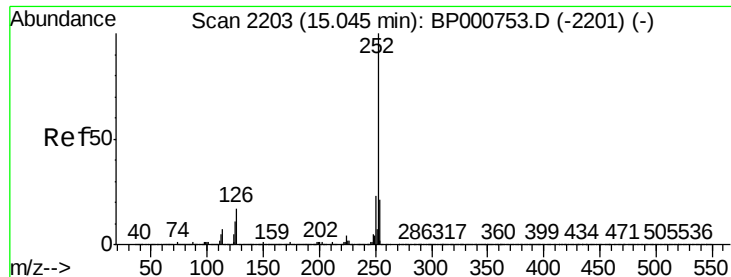


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 6.888 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BP000761.D

Acq: 15 Oct 2019 13:21

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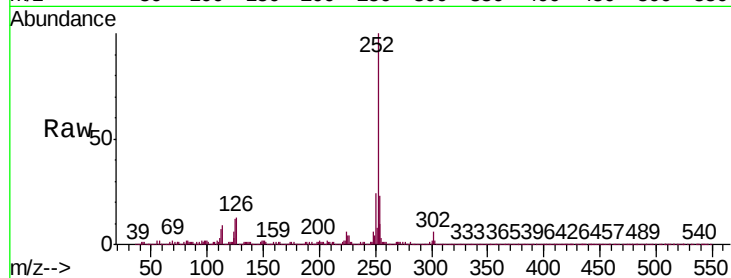
Tgt Ion:252 Resp: 320774

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

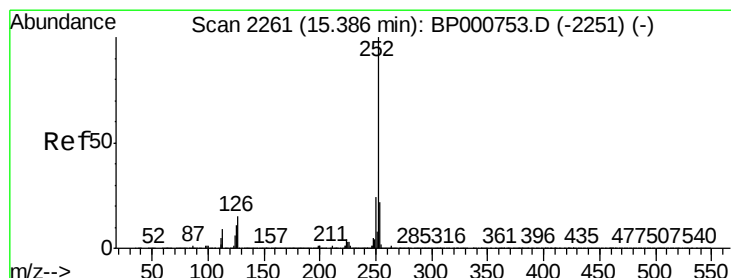
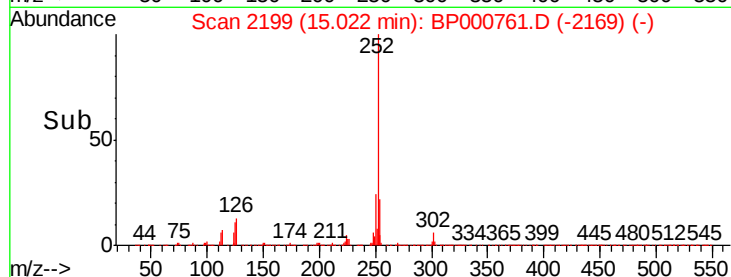
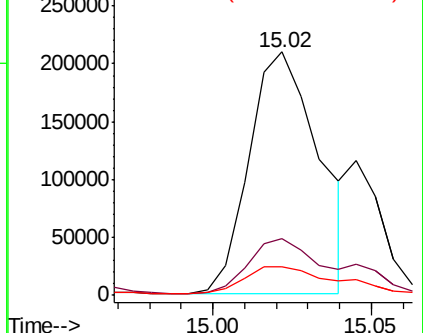
125 11.8 8.2 12.4



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: 5.318 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BP000761.D

Acq: 15 Oct 2019 13:21

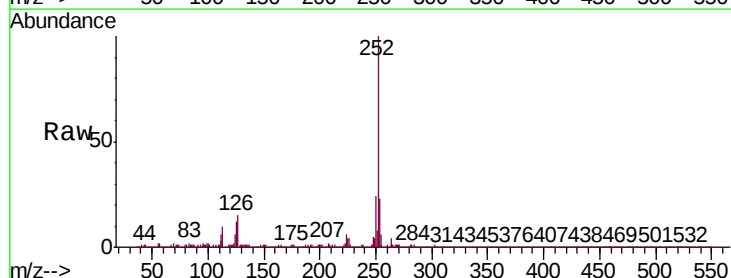
Tgt Ion:252 Resp: 246231

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

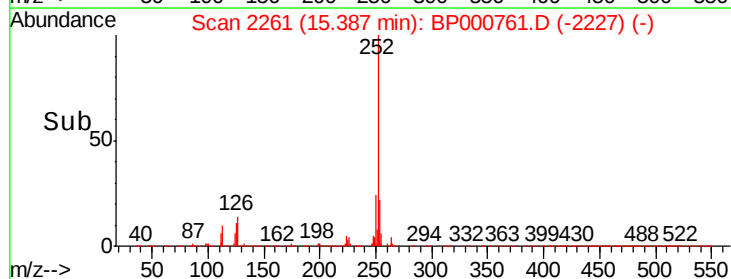
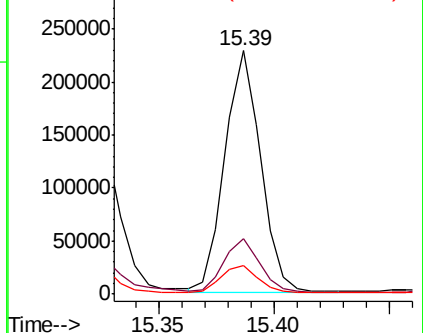
125 11.7 9.7 14.5

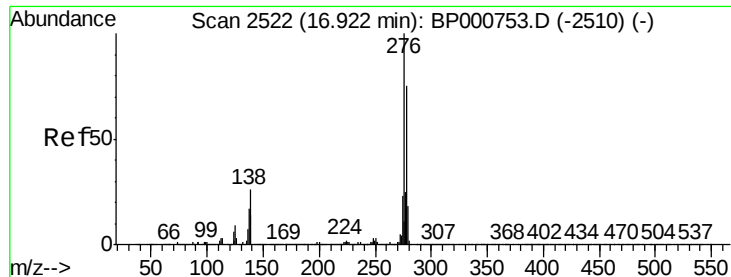


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



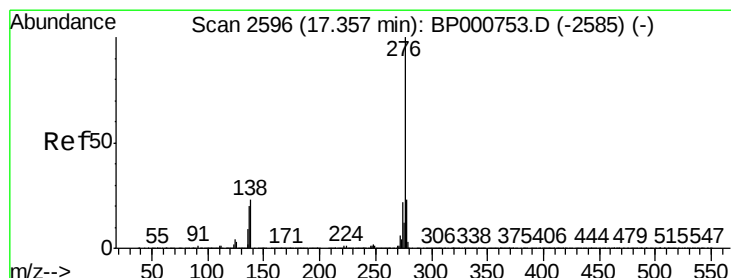
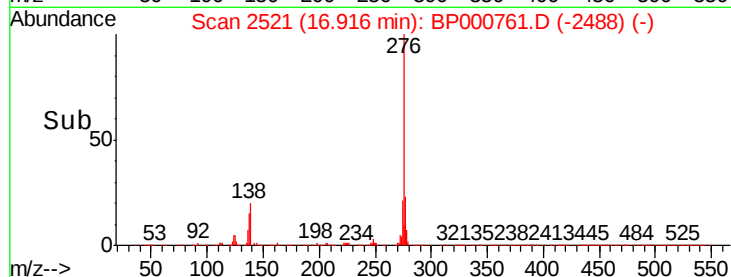
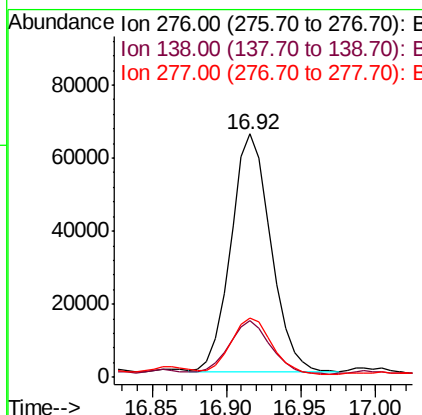
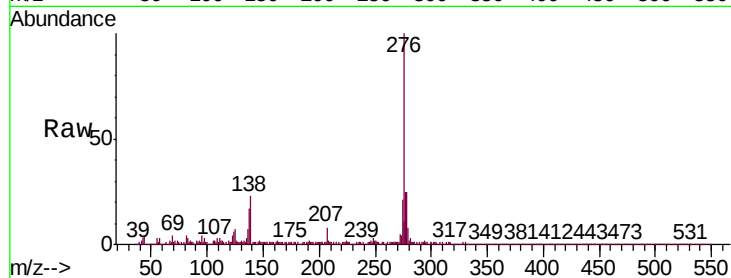


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.266 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BP000761.D
Acq: 15 Oct 2019 13:21

Instrument :
BNA_P
ClientSampleId :
BEPF7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.0	30.0
277	24.5	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 2.443 ng/ul
RT: 17.36 min Scan# 2596
Delta R.T. 0.00 min
Lab File: BP000761.D
Acq: 15 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.4	27.6
277	26.4	19.4	29.0

