

Data File : BP000767.D
Acq On : 15 Oct 2019 15:45
Operator : JU
Sample : K5175-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG3

Quant Time: Oct 16 02:28:59 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	199387	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	723606	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	383266	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	694253	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	618250	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	701534	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	37535	7.81	ng/uL	-0.02
5) Phenol-d5	6.39	99	601936	39.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	313527	40.77	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	530318	40.93	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	387493	32.98	ng/ul	0.00
19) Nitrobenzene-d5	7.31	128	248311	45.14	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	273401	46.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	463059	41.31	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	550968	44.19	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1224534	45.64	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1467938	44.48	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	164220	39.74	ng/ul	0.00
58) Fluorene-d10	10.32	176	1005265	43.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	119434	36.12	ng/ul	0.00
71) Anthracene-d10	11.35	188	1407821	43.78	ng/ul	0.00
79) Pyrene-d10	12.74	212	1553818	44.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1599303	46.18	ng/ul	0.00

Target Compounds

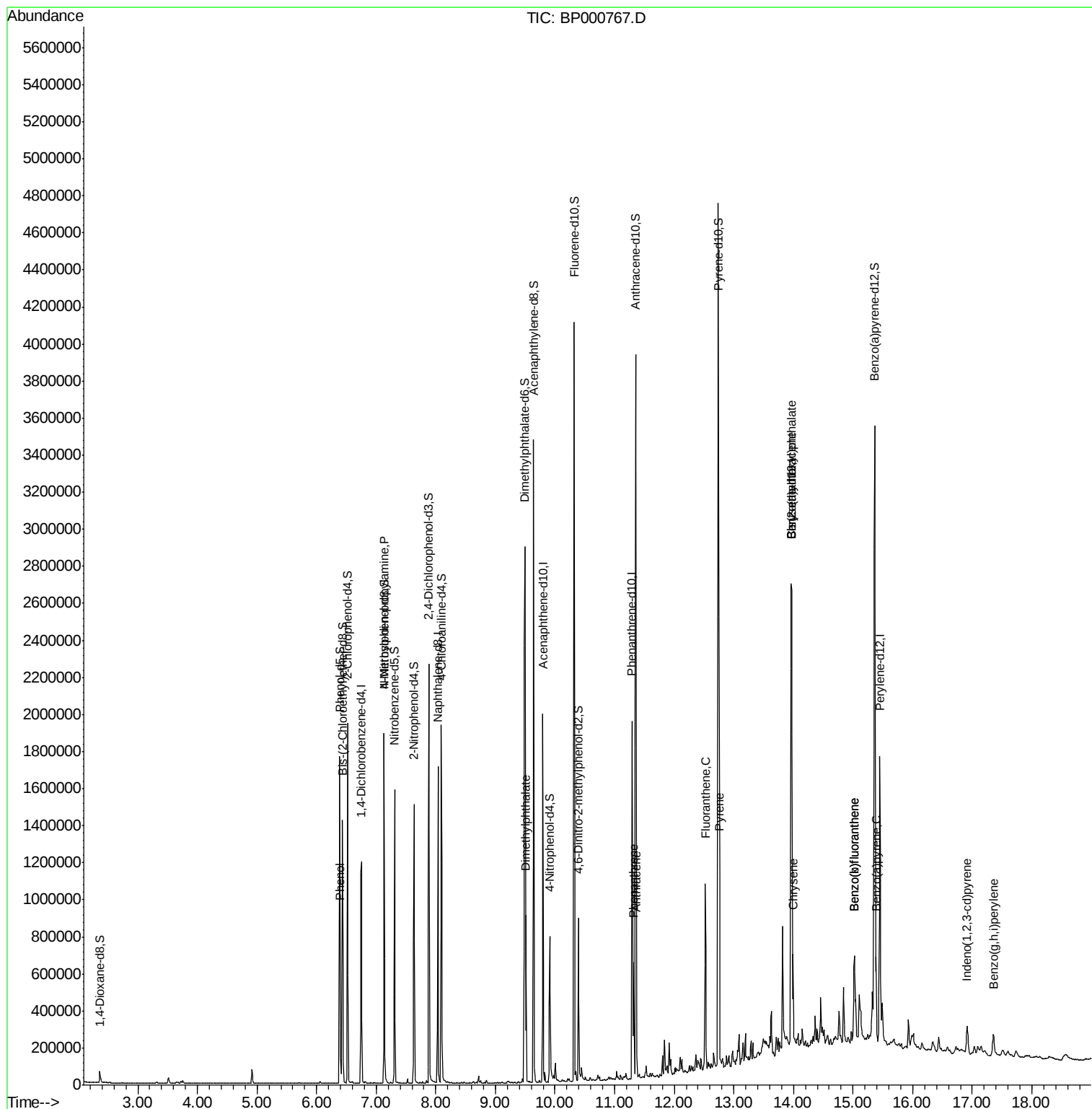
					Qvalue
6) Phenol	6.40	94	61753	3.983	ng/ul 98
15) N-Nitroso-di-n-propylamine	7.13	70	7963	1.019	ng/ul# 1
45) Dimethylphthalate	9.51	163	318159	11.901	ng/ul 100
70) Phenanthrene	11.32	178	232785	6.152	ng/ul 99
72) Anthracene	11.37	178	50561	1.317	ng/ul 98
77) Fluoranthene	12.52	202	384973	9.930	ng/ul 100
80) Pyrene	12.76	202	373440	8.513	ng/ul 98
83) Benzo(a)anthracene	13.96	228	201991	4.868	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	13.96	149	445699	18.705	ng/ul 100
85) Chrysene	14.00	228	194723	5.049	ng/ul 97
88) Benzo(b)fluoranthene	15.02	252	239952	5.733	ng/ul 98
89) Benzo(k)fluoranthene	15.02	252	239952	6.020	ng/ul 98
91) Benzo(a)pyrene	15.39	252	174370	4.400	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	16.92	276	101554	2.236	ng/ul 97
94) Benzo(g,h,i)perylene	17.36	276	85591	2.263	ng/ul 99

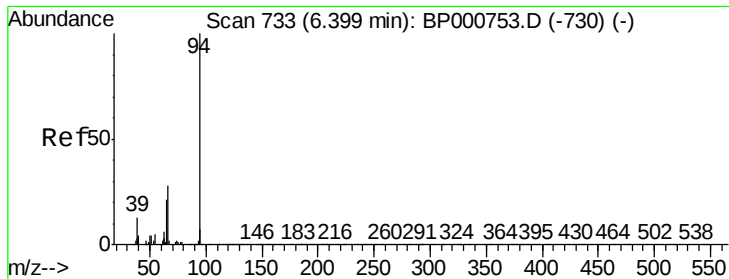
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.983 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000767.D

Acq: 15 Oct 2019 15:45

Instrument :

BNA_P

ClientSampleId :

BEPG3

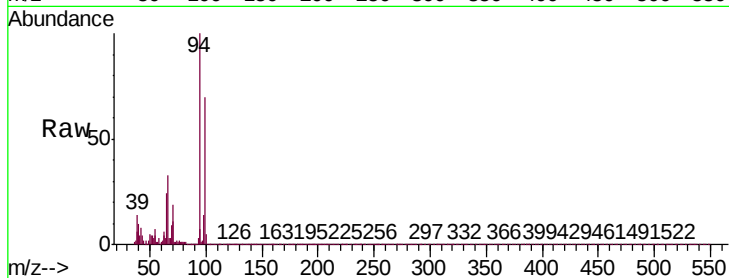
Tgt Ion: 94 Resp: 61753

Ion Ratio Lower Upper

94 100

65 23.8 19.2 28.8

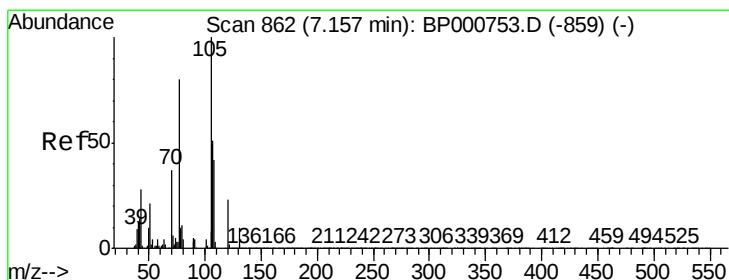
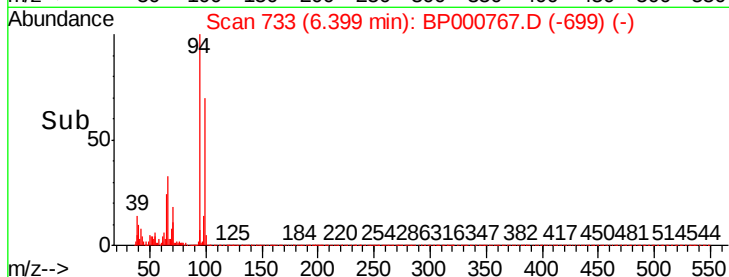
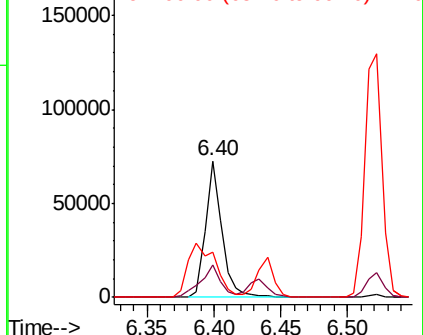
66 33.4 25.7 38.5



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



#15

N-Nitroso-di-n-propylamine

Concen: 1.019 ng/ul

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BP000767.D

Acq: 15 Oct 2019 15:45

Tgt Ion: 70 Resp: 7963

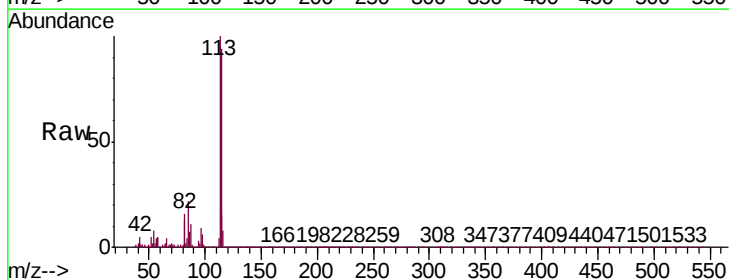
Ion Ratio Lower Upper

70 100

42 267.7 33.5 50.3#

101 0.5 9.6 14.4#

130 0.2 21.8 32.8#

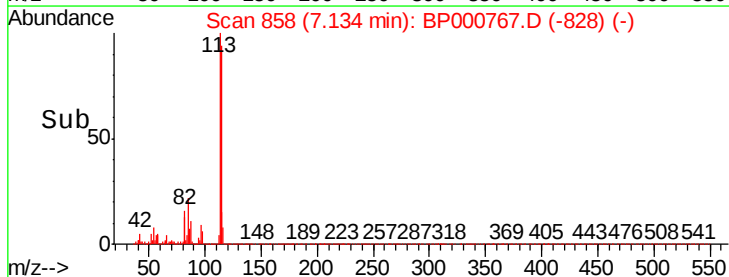
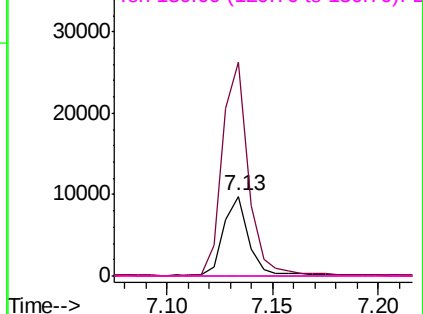


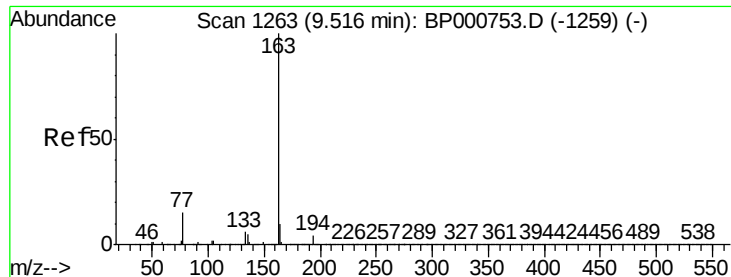
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

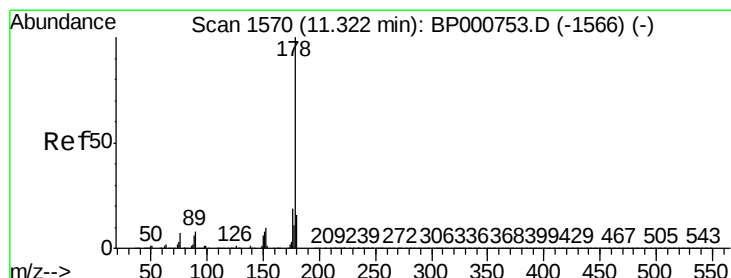
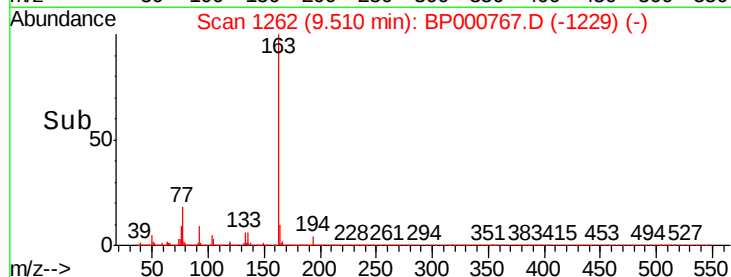
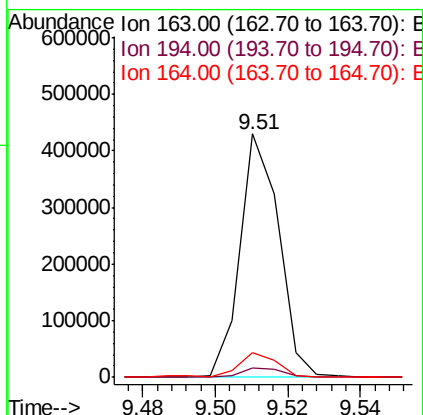
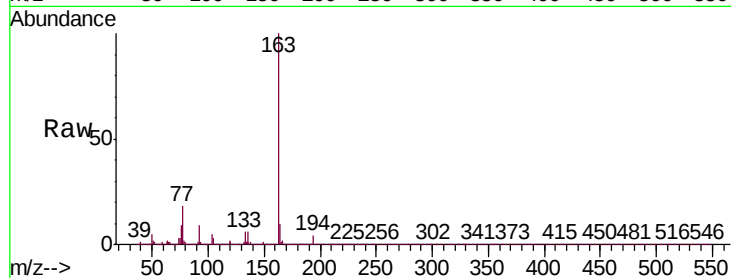




#45
Dimethylphthalate
Concen: 11.901 ng/ul
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP000767.D
Acq: 15 Oct 2019 15:45

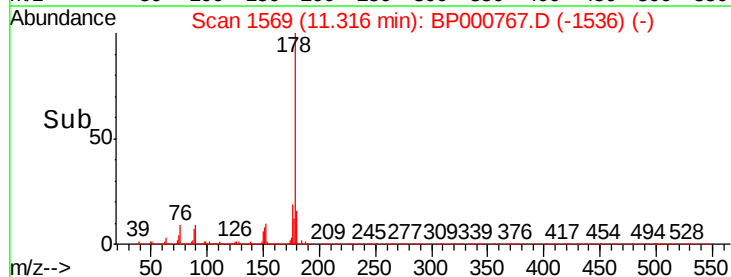
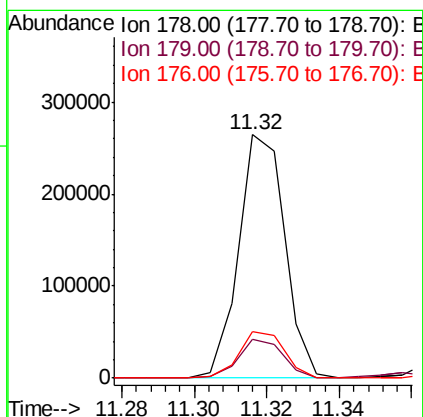
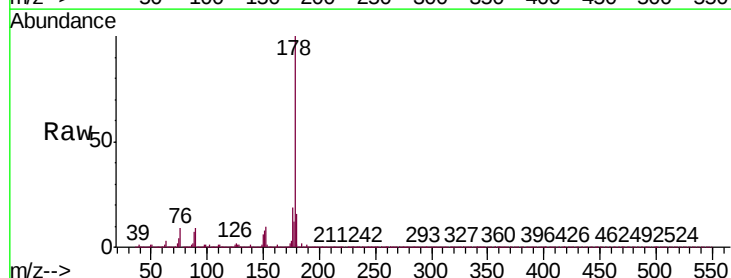
Instrument :
BNA_P
ClientSampleId :
BEPG3

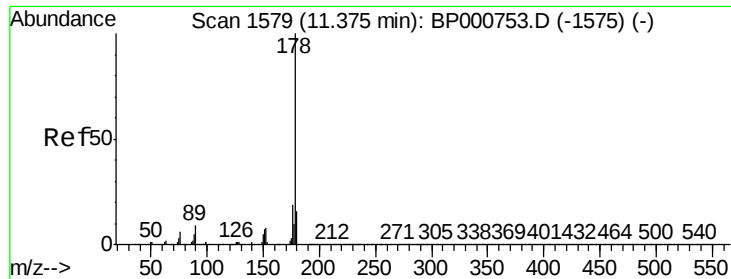
Tgt Ion:	163	Resp:	318159
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.1	12.1



#70
Phenanthrene
Concen: 6.152 ng/ul
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BP000767.D
Acq: 15 Oct 2019 15:45

Tgt Ion:	178	Resp:	232785
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	19.2	15.4	23.2

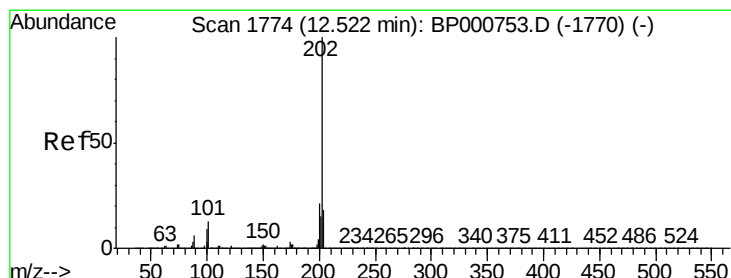
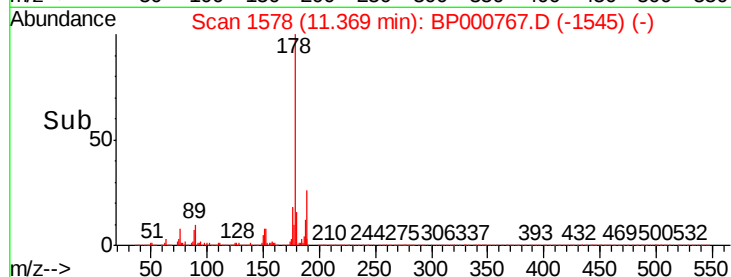
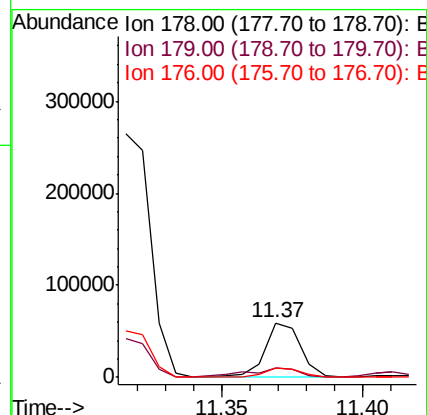
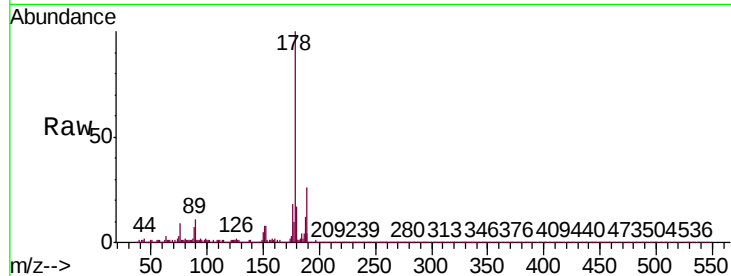




#72
 Anthracene
 Concen: 1.317 ng/ul
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BP000767.D
 Acq: 15 Oct 2019 15:45

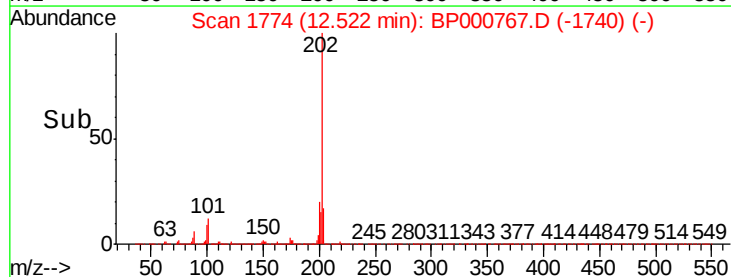
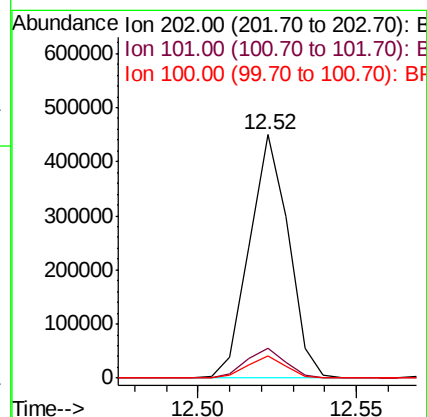
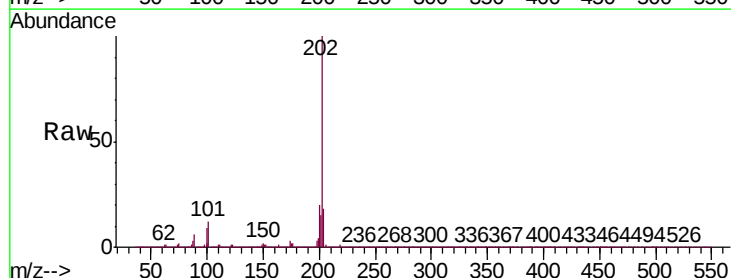
Instrument :
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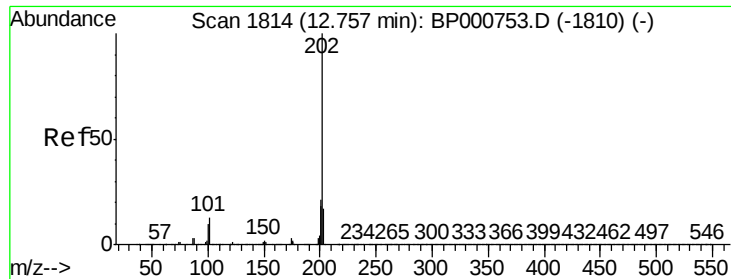
Tgt Ion:178 Resp: 50561
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.4 18.6
 176 18.2 15.1 22.7



#77
 Fluoranthene
 Concen: 9.930 ng/ul
 RT: 12.52 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BP000767.D
 Acq: 15 Oct 2019 15:45

Tgt Ion:202 Resp: 384973
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.6
 100 9.1 7.2 10.8

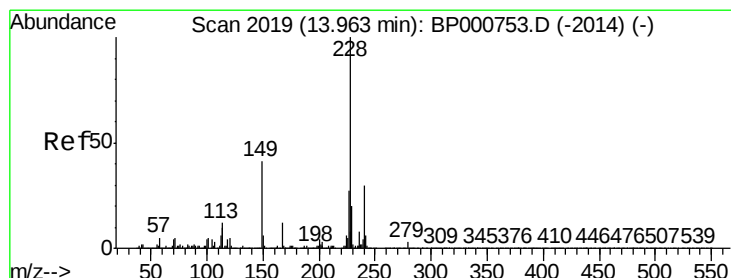
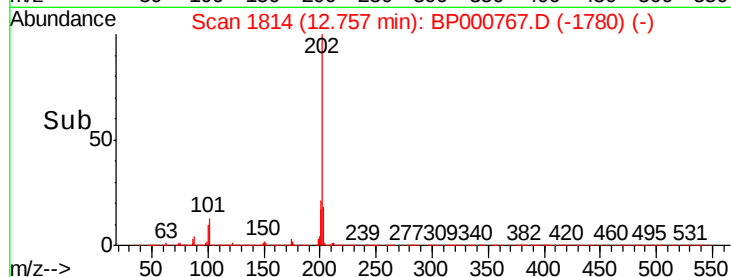
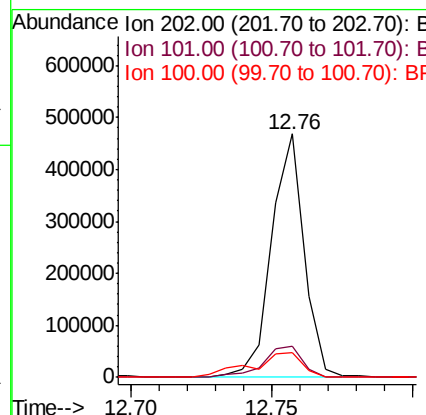
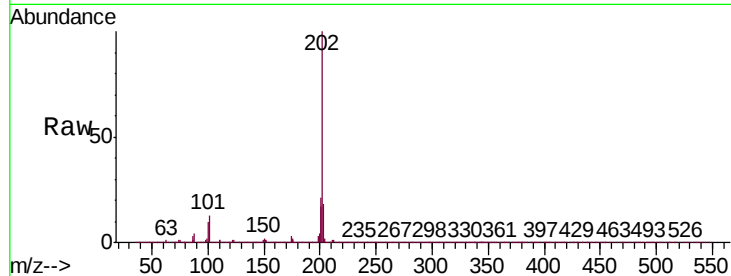




#80
 Pyrene
 Concen: 8.513 ng/ul
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BP000767.D
 Acq: 15 Oct 2019 15:45

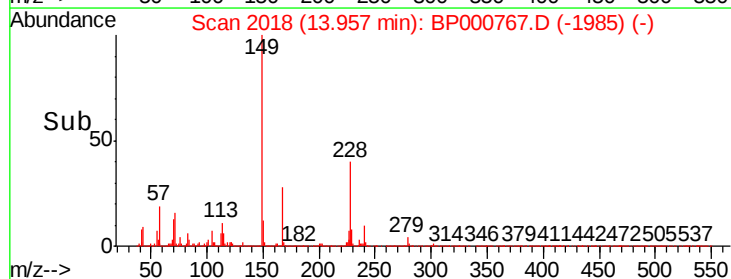
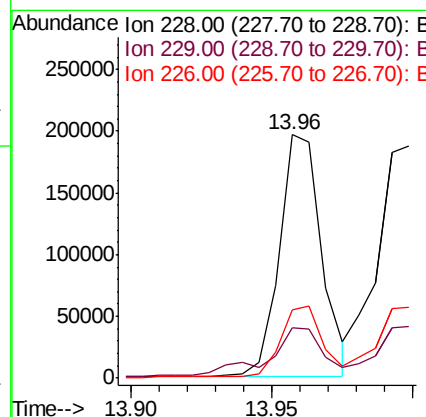
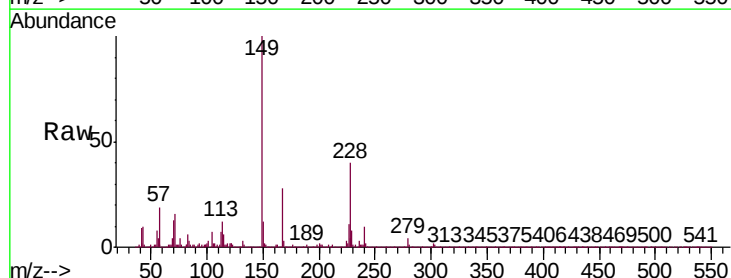
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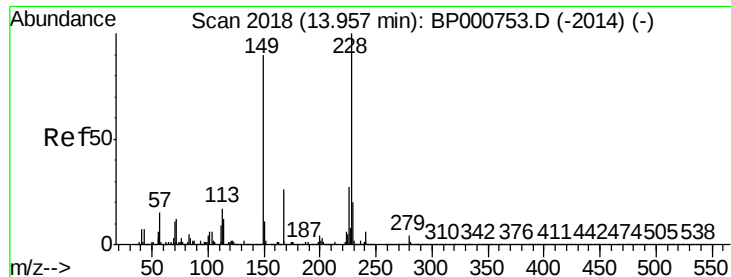
Tgt Ion: 202 Resp: 373440
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.7 14.5
 100 10.3 7.8 11.8



#83
 Benzo(a)anthracene
 Concen: 4.868 ng/ul
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000767.D
 Acq: 15 Oct 2019 15:45

Tgt Ion: 228 Resp: 201991
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.6 23.4
 226 28.1 21.8 32.8

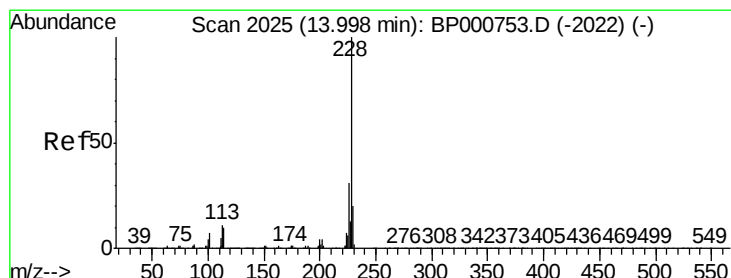
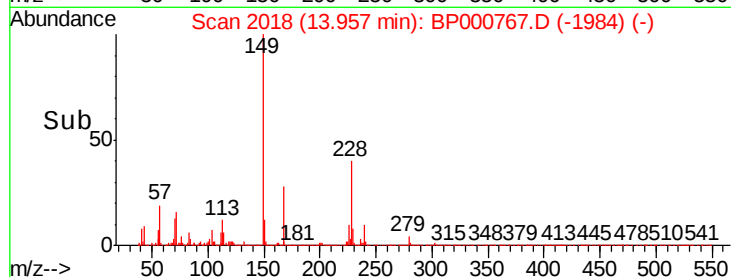
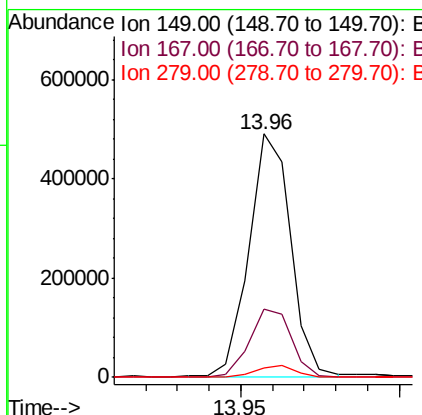
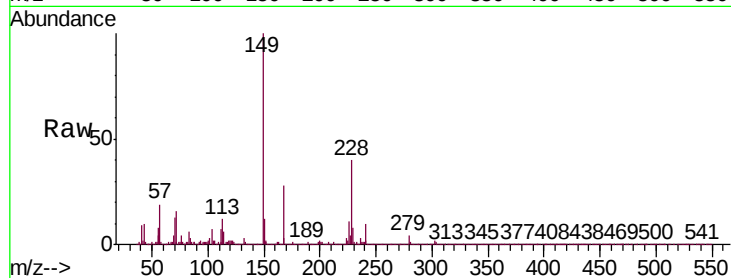




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.705 ng/ul
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BP000767.D
 Acq: 15 Oct 2019 15:45

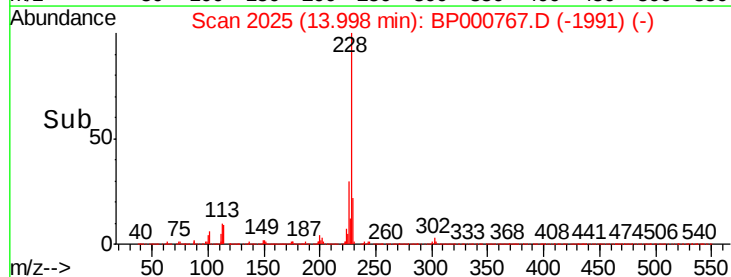
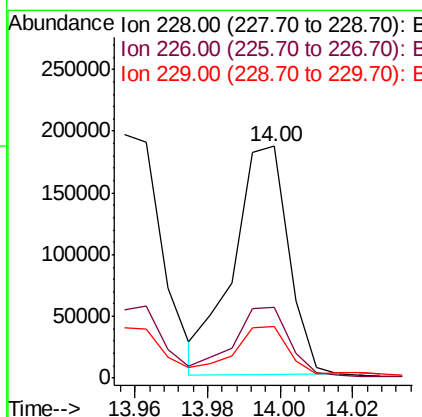
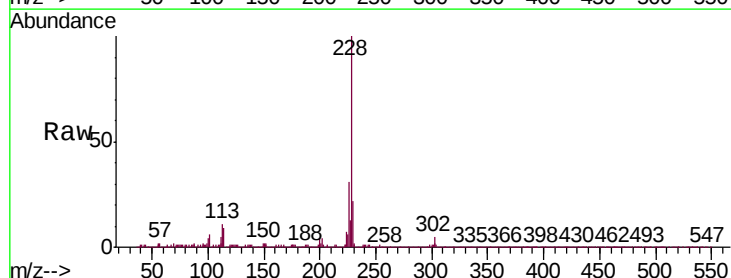
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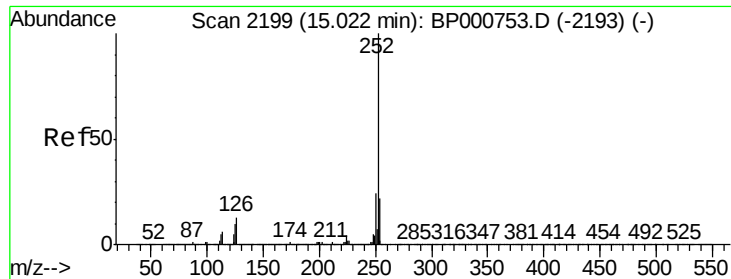
Tgt Ion:149 Resp: 445699
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.3 33.5
 279 4.1 3.2 4.8



#85
 Chrysene
 Concen: 5.049 ng/ul
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BP000767.D
 Acq: 15 Oct 2019 15:45

Tgt Ion:228 Resp: 194723
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.2 36.4
 229 22.4 15.8 23.6





#88

Benzo(b)fluoranthene

Concen: 5.733 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000767.D

Acq: 15 Oct 2019 15:45

Instrument :

BNA_P

ClientSampleId :

BEPG3

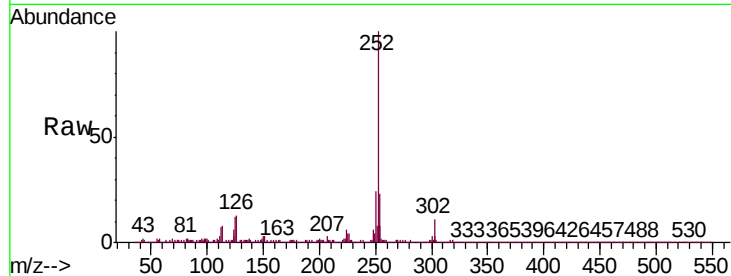
Tgt Ion:252 Resp: 239952

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

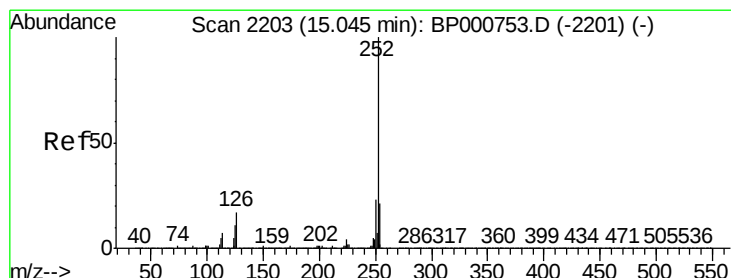
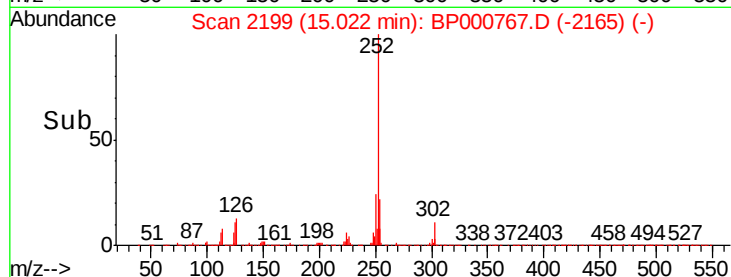
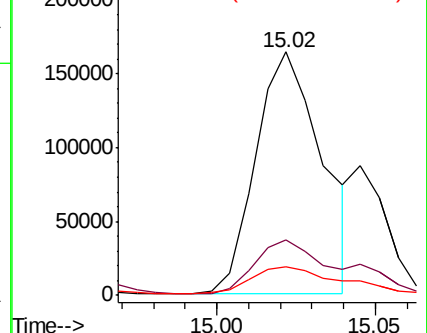
125 11.8 8.7 13.1



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: 6.020 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BP000767.D

Acq: 15 Oct 2019 15:45

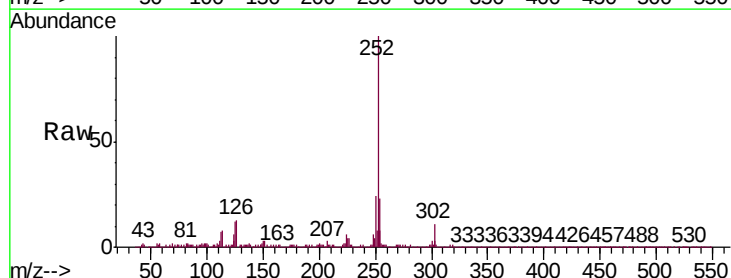
Tgt Ion:252 Resp: 239952

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

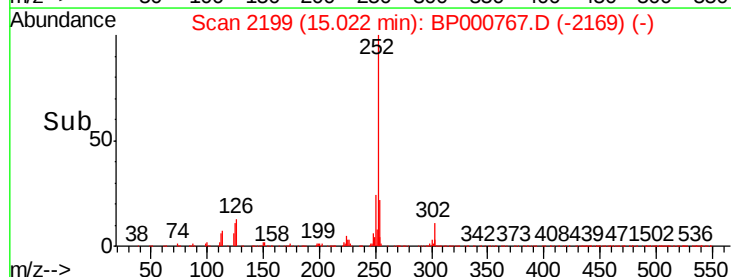
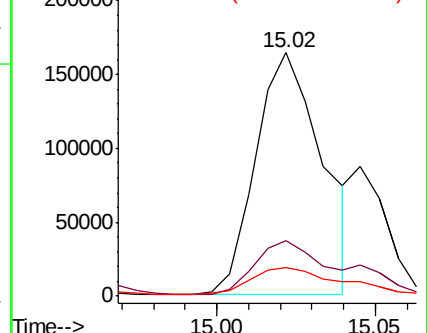
125 11.8 8.2 12.4

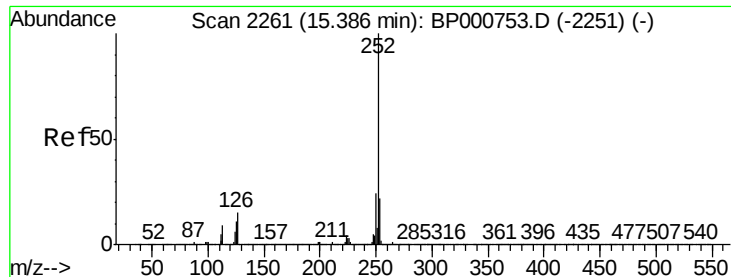


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.400 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BP000767.D

Acq: 15 Oct 2019 15:45

Instrument :

BNA_P

ClientSampleId :

BEPG3

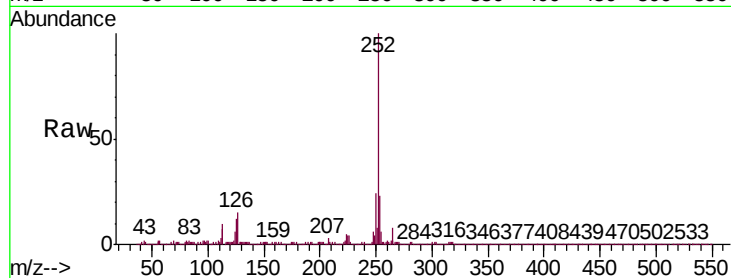
Tgt Ion:252 Resp: 174370

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

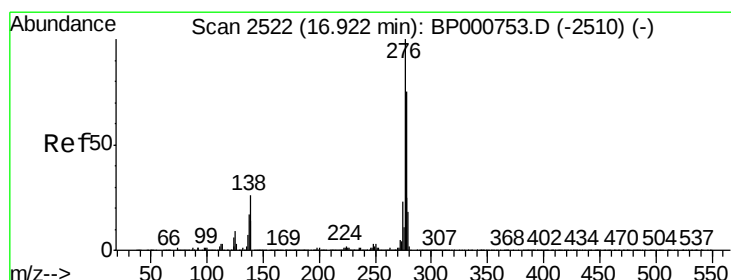
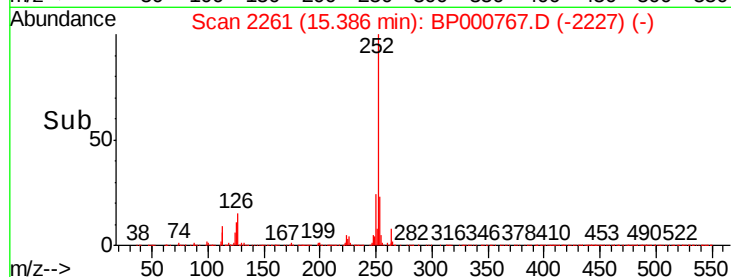
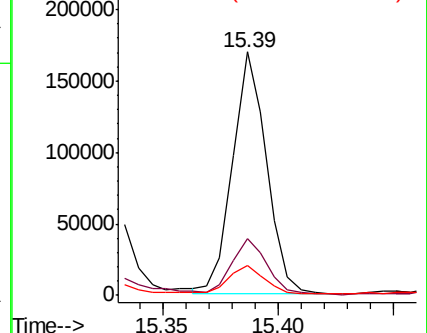
125 12.3 9.7 14.5



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: 2.236 ng/ul

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BP000767.D

Acq: 15 Oct 2019 15:45

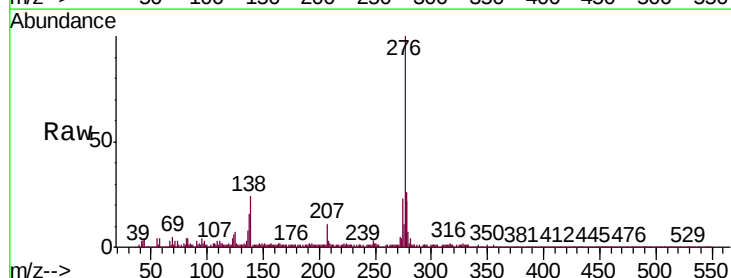
Tgt Ion:276 Resp: 101554

Ion Ratio Lower Upper

276 100

138 23.5 20.0 30.0

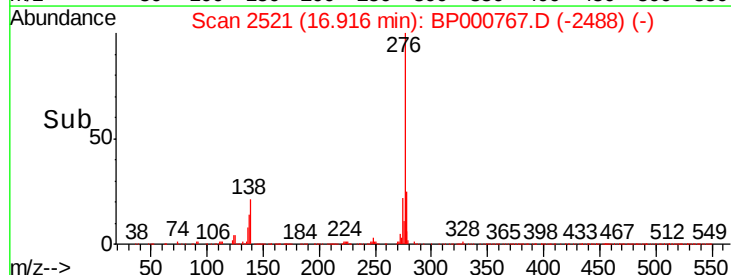
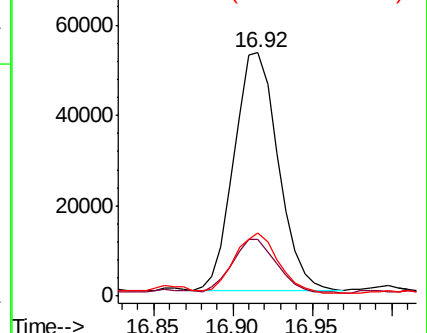
277 25.9 19.8 29.8

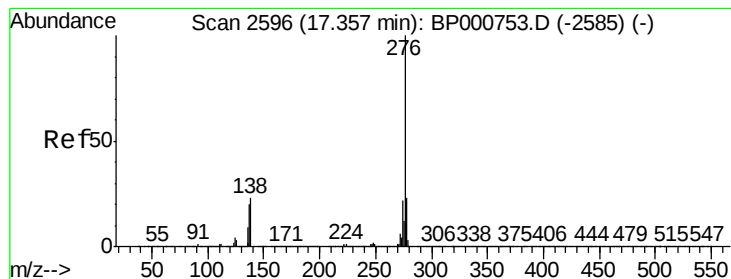


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.263 ng/ul

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BP000767.D

Acq: 15 Oct 2019 15:45

Instrument :

BNA_P

ClientSampleId :

BEPG3

Tgt Ion: 276 Resp: 85591

Ion Ratio Lower Upper

276 100

138 23.8 18.4 27.6

277 24.7 19.4 29.0

