

Data File : BP000754.D
Acq On : 15 Oct 2019 10:32
Operator : JU
Sample : K5175-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEP83

Quant Time: Oct 16 02:24:49 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	199544	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	789188	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	461296	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	890311	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	726470	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	706086	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.35	96	23366	4.86	ng/uL	-0.03
5) Phenol-d5	6.38	99	376866	24.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	225054	29.25	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	351842	27.13	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	225332	19.16	ng/ul	0.00
19) Nitrobenzene-d5	7.31	128	180659	30.11	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	195925	30.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	335955	27.48	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	331506	24.38	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1029881	31.89	ng/ul	0.00
47) Acenaphthylene-d8	9.65	160	1208502	30.42	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	82881	16.66	ng/ul	0.00
58) Fluorene-d10	10.32	176	866143	31.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	74049	17.47	ng/ul	0.00
71) Anthracene-d10	11.35	188	1284309	31.14	ng/ul	0.00
79) Pyrene-d10	12.74	212	1398442	34.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1143176	32.79	ng/ul	0.00

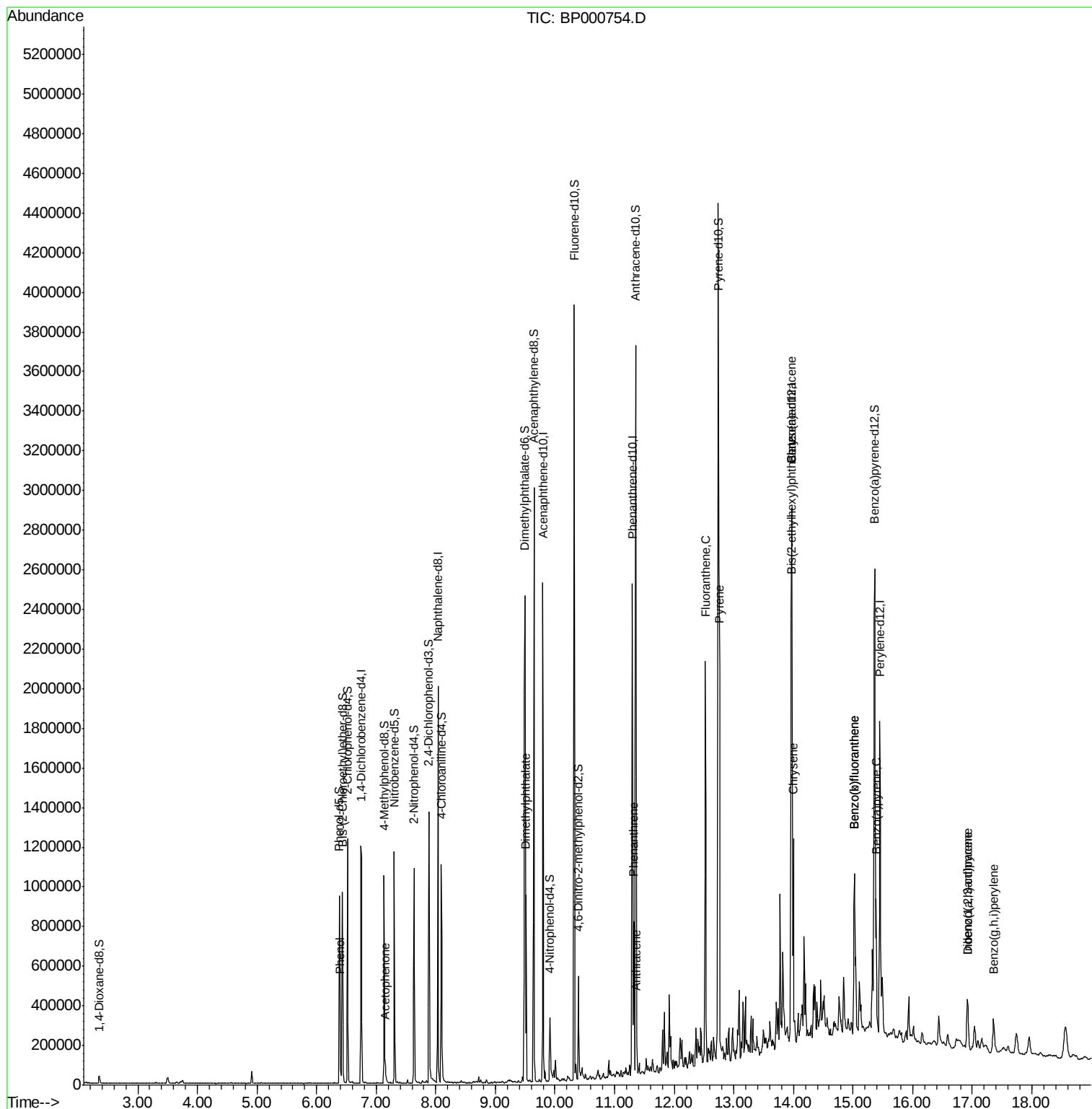
Target Compounds				Qvalue		
6) Phenol	6.40	94	23249	1.498	ng/ul	95
14) Acetophenone	7.16	105	18347	1.054	ng/ul	87
45) Dimethylphthalate	9.52	163	385918	11.994	ng/ul	99
70) Phenanthrene	11.32	178	298436	6.151	ng/ul	99
72) Anthracene	11.38	178	62576	1.271	ng/ul	99
77) Fluoranthene	12.52	202	723953	14.562	ng/ul	100
80) Pyrene	12.76	202	693931	13.463	ng/ul	97
83) Benzo(a)anthracene	13.96	228	364640	7.479	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	178631	6.380	ng/ul	99
85) Chrysene	14.00	228	389681	8.599	ng/ul	98
88) Benzo(b)fluoranthene	15.02	252	430042	10.208	ng/ul	99
89) Benzo(k)fluoranthene	15.02	252	430042	10.719	ng/ul	99
91) Benzo(a)pyrene	15.39	252	291990	7.320	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.92	276	167206	3.657	ng/ul	98
93) Dibenzo(a,h)anthracene	16.93	278	44503	1.187	ng/ul#	89
94) Benzo(g,h,i)perylene	17.36	276	138412	3.636	ng/ul	98

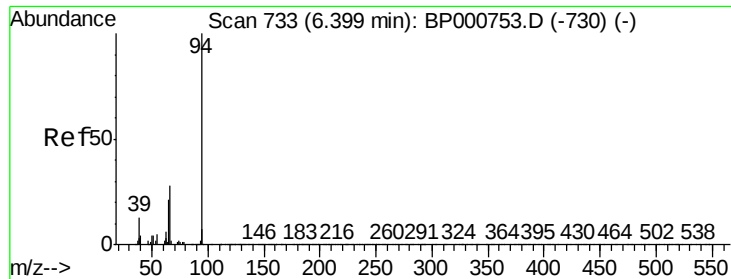
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 02:22:01 2019
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#6

Phenol

Concen: 1.498 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

Instrument :

BNA_P

ClientSampleId :

BEP83

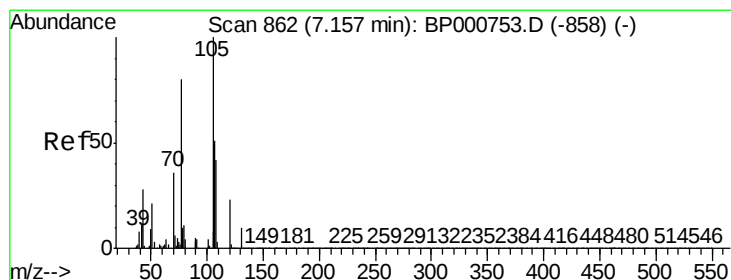
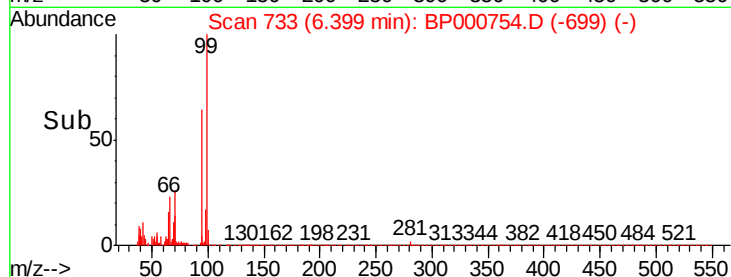
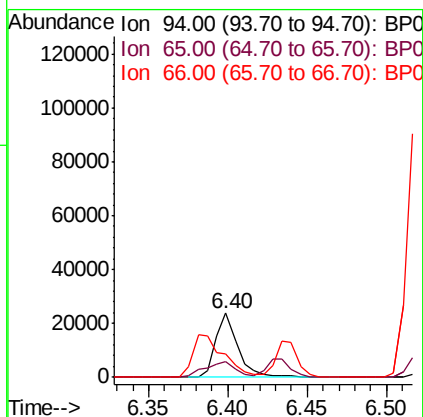
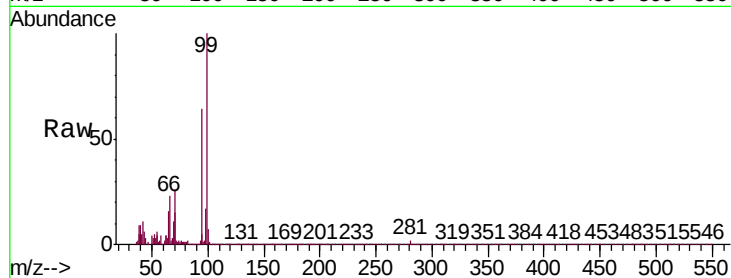
Tgt Ion: 94 Resp: 23249

Ion Ratio Lower Upper

94 100

65 24.3 19.2 28.8

66 36.4 25.7 38.5



#14

Acetophenone

Concen: 1.054 ng/ul

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

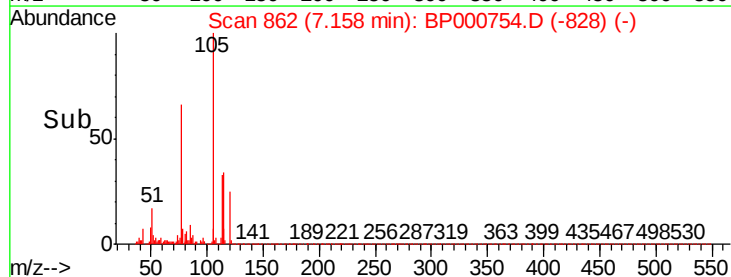
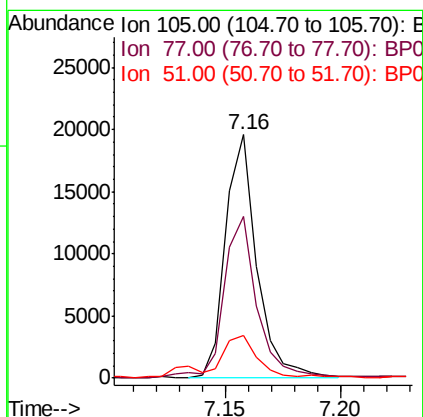
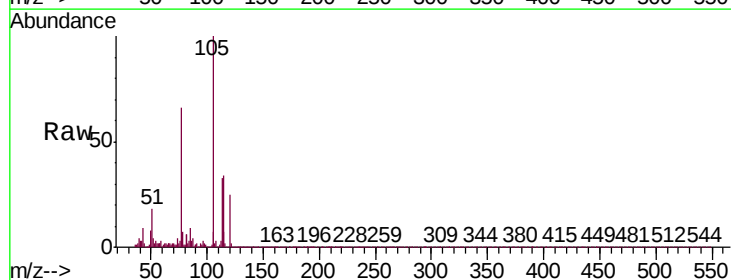
Tgt Ion: 105 Resp: 18347

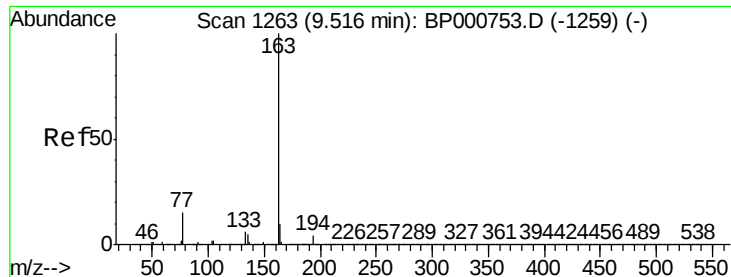
Ion Ratio Lower Upper

105 100

77 66.5 63.4 95.0

51 17.6 17.5 26.3

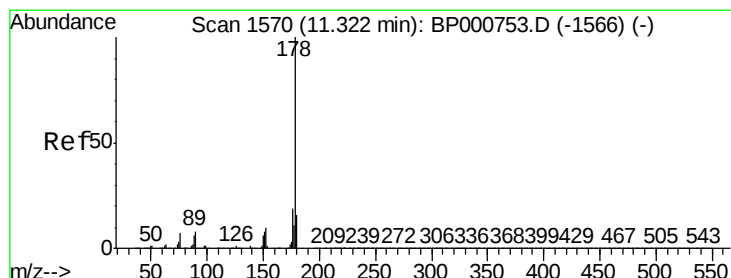
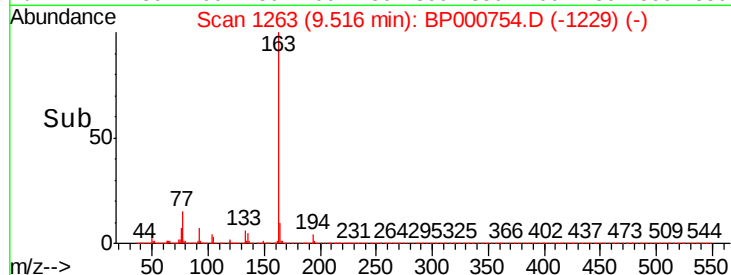
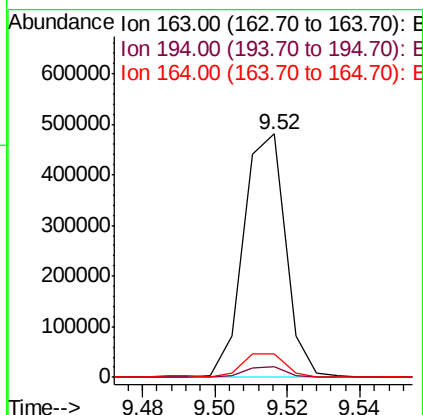
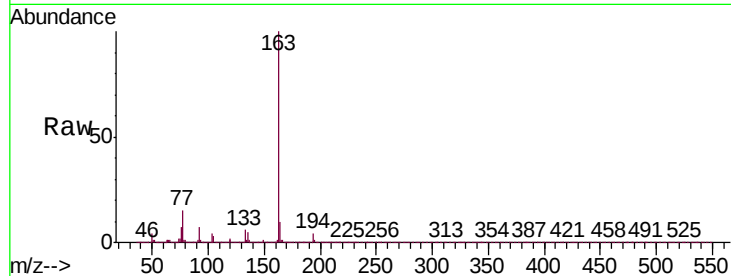




#45
Dimethylphthalate
Concen: 11.994 ng/ul
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BP000754.D
Acq: 15 Oct 2019 10:32

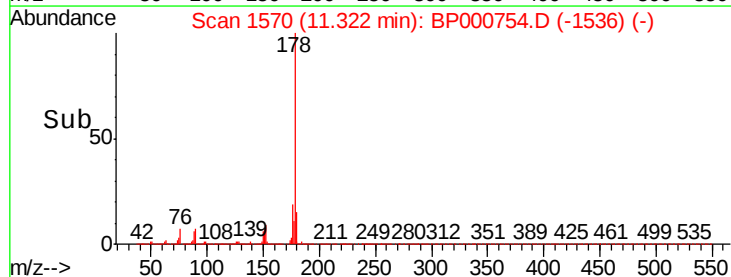
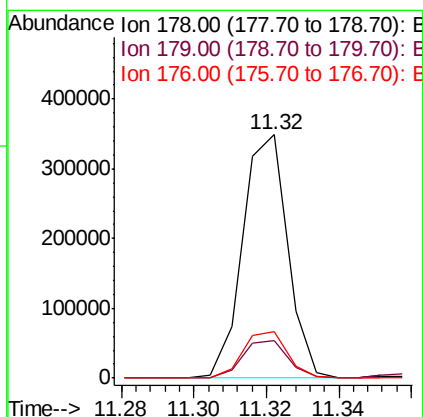
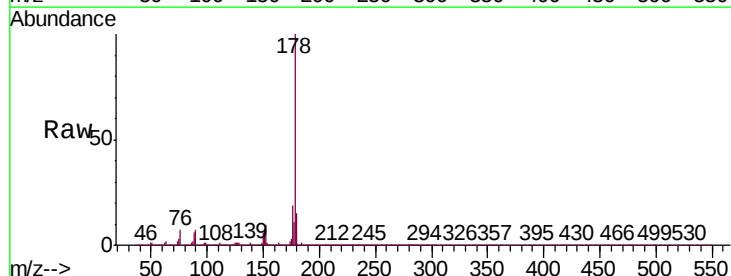
Instrument :
BNA_P
ClientSampleId :
BEP83

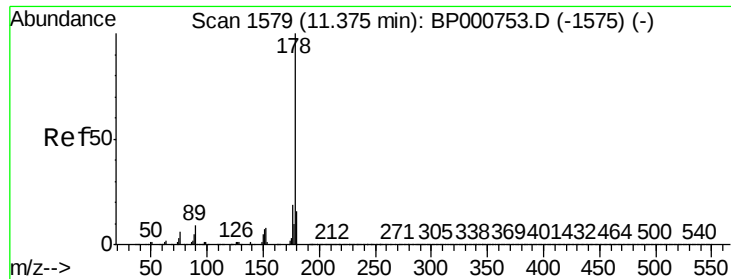
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.6	8.1	12.1



#70
Phenanthrene
Concen: 6.151 ng/ul
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BP000754.D
Acq: 15 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	19.2	15.4	23.2





#72

Anthracene

Concen: 1.271 ng/ul

RT: 11.38 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

Instrument :

BNA_P

ClientSampleId :

BEP83

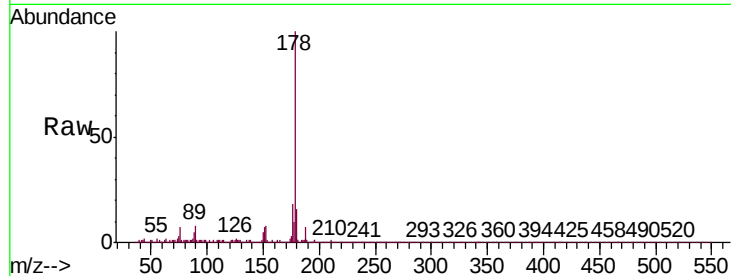
Tgt Ion:178 Resp: 62576

Ion Ratio Lower Upper

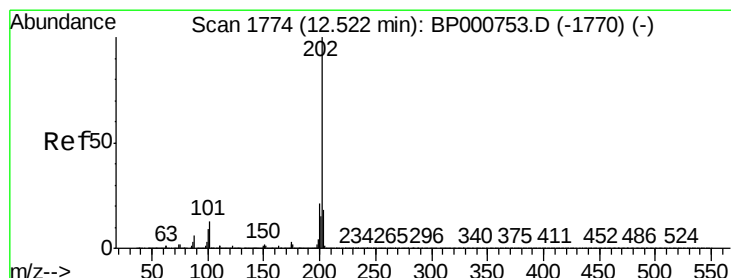
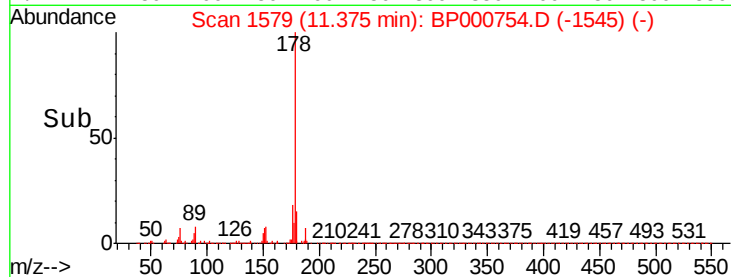
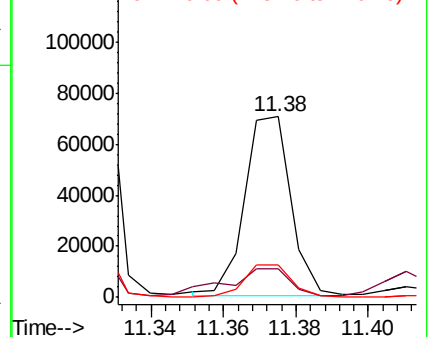
178 100

179 15.5 12.4 18.6

176 18.2 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: 14.562 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

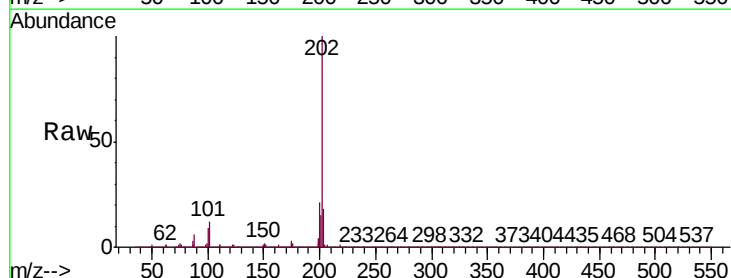
Tgt Ion:202 Resp: 723953

Ion Ratio Lower Upper

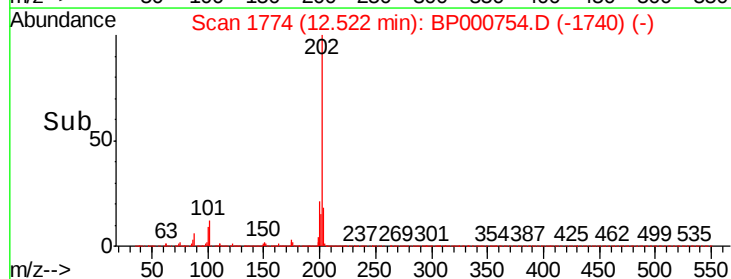
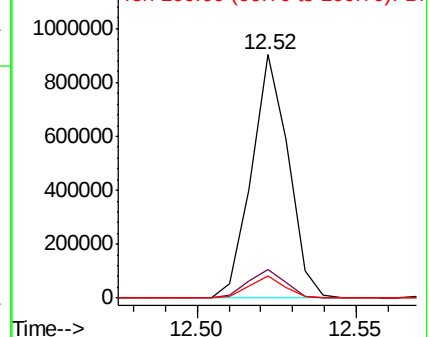
202 100

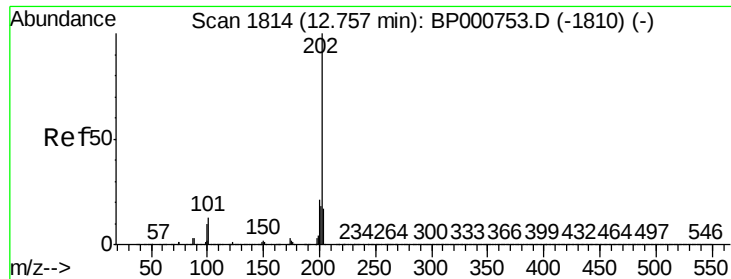
101 12.0 9.8 14.6

100 9.1 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

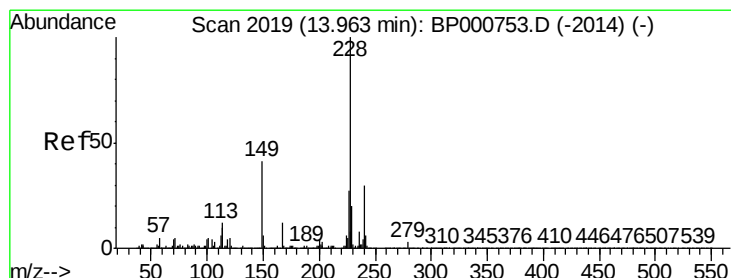
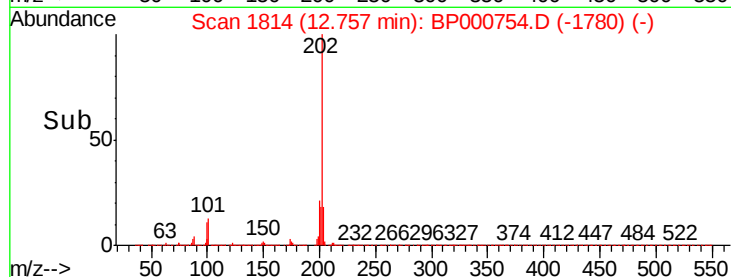
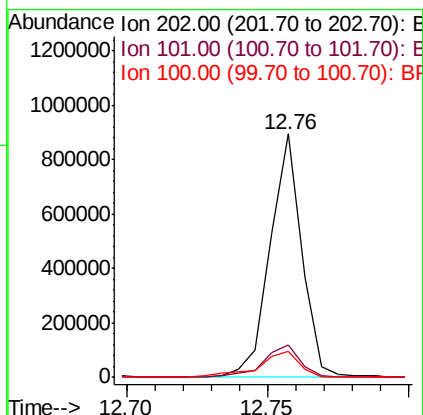
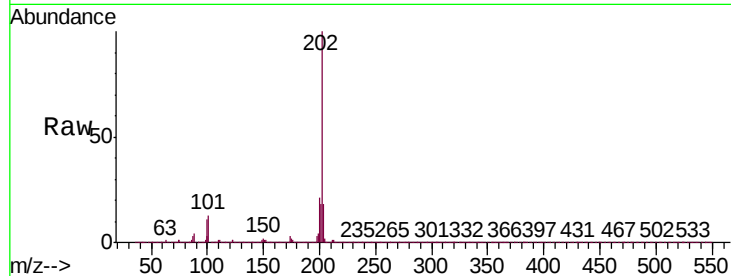




#80
 Pyrene
 Concen: 13.463 ng/ul
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BP000754.D
 Acq: 15 Oct 2019 10:32

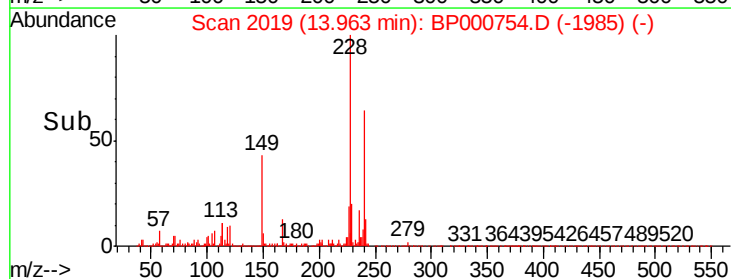
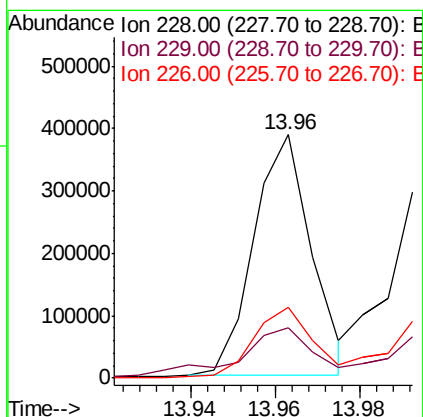
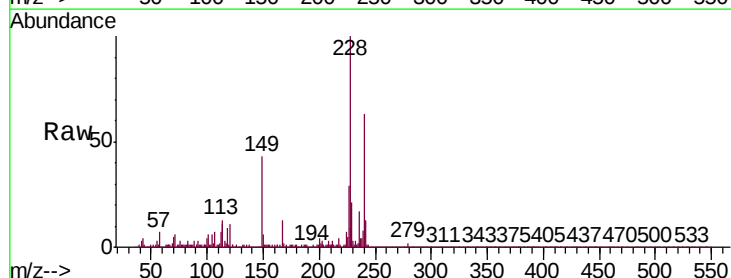
Instrument :
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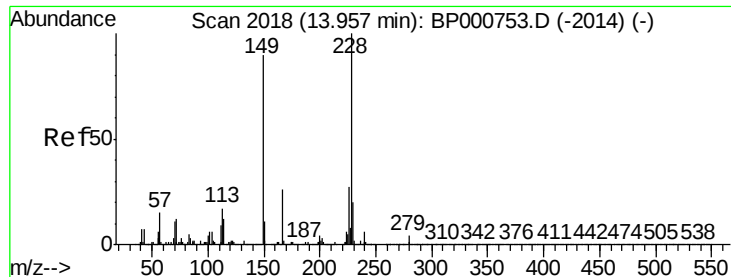
Tgt Ion:	202	Resp:	693931
Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.7	14.5
100	10.7	7.8	11.8



#83
 Benzo(a)anthracene
 Concen: 7.479 ng/ul
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BP000754.D
 Acq: 15 Oct 2019 10:32

Tgt Ion:	228	Resp:	364640
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	29.1	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.380 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

Instrument :

BNA_P

ClientSampleId :

BEP83

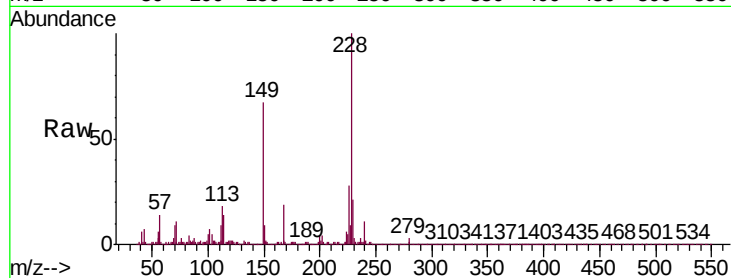
Tgt Ion:149 Resp: 178631

Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

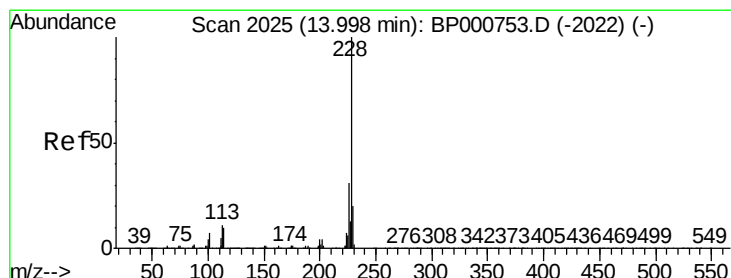
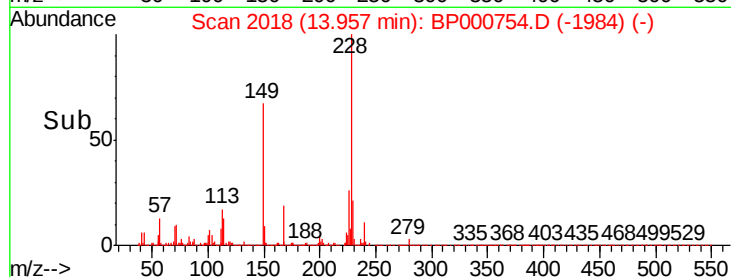
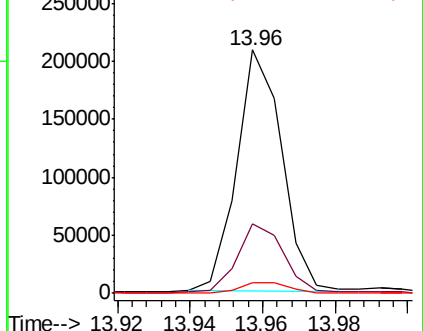
279 4.1 3.2 4.8



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: 8.599 ng/ul

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

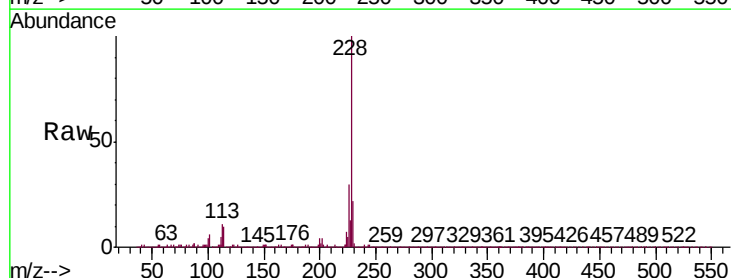
Tgt Ion:228 Resp: 389681

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

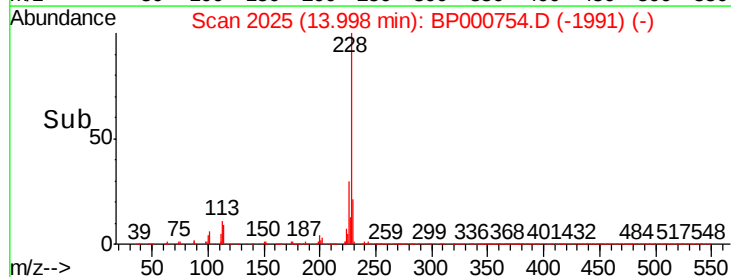
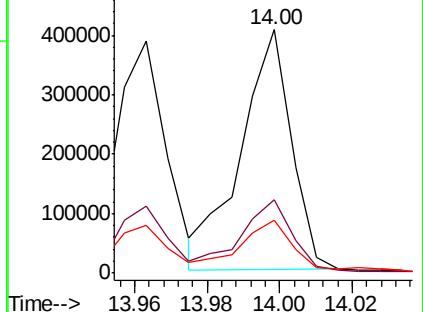
229 21.6 15.8 23.6

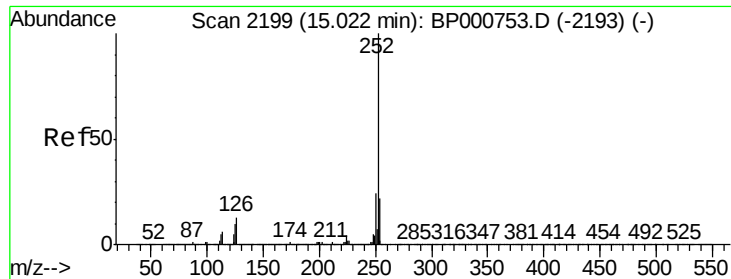


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 10.208 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

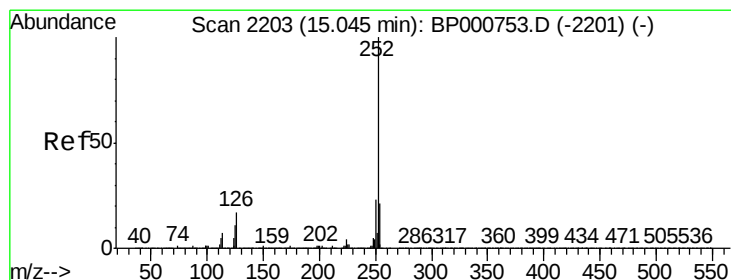
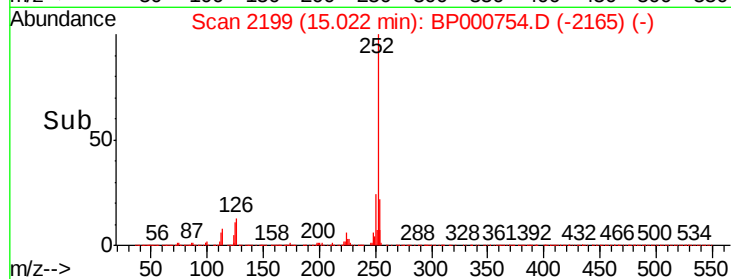
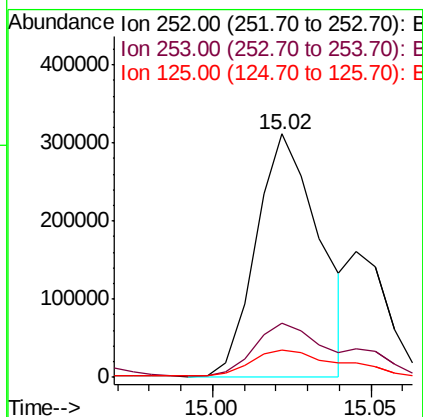
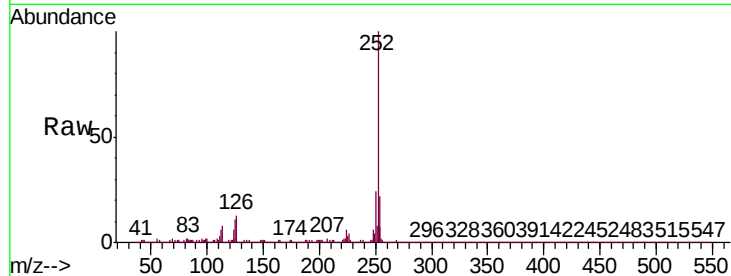
Instrument :

BNA_P

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Tgt Ion:	252	Resp:	430042
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.5	8.7	13.1



#89

Benzo(k)fluoranthene

Concen: 10.719 ng/ul

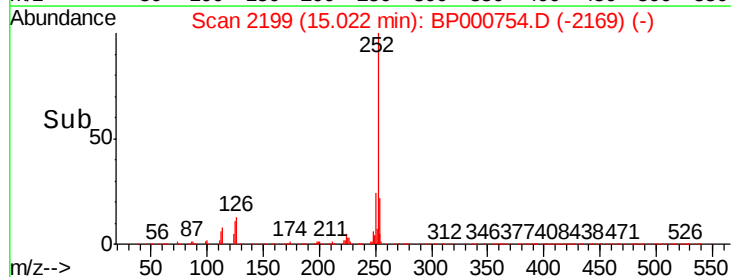
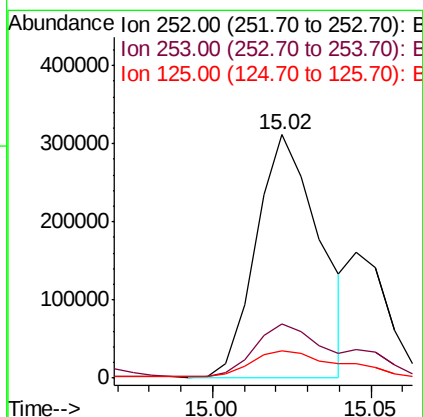
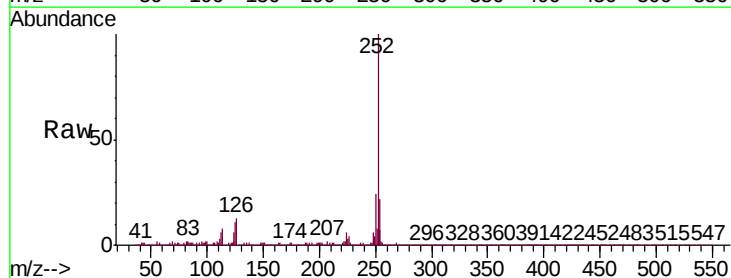
RT: 15.02 min Scan# 2199

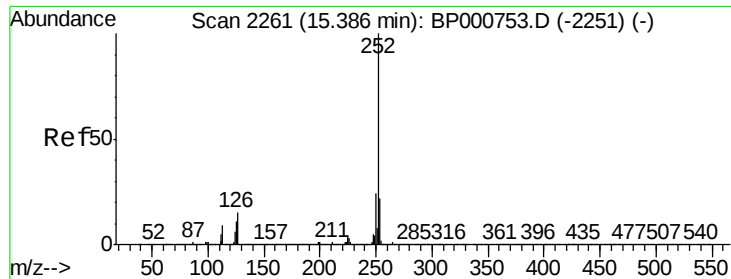
Delta R.T. -0.02 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

Tgt Ion:	252	Resp:	430042
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.5	8.2	12.4





#91

Benzo(a)pyrene

Concen: 7.320 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BP000754.D

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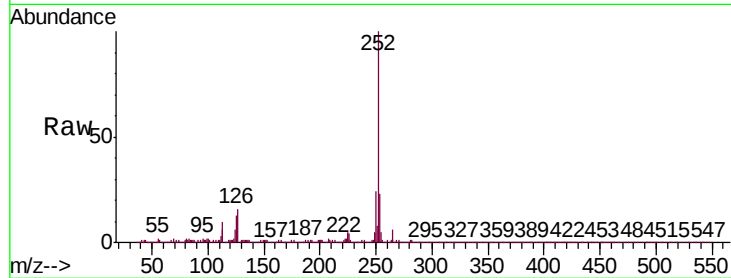
Tgt Ion:252 Resp: 291990

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

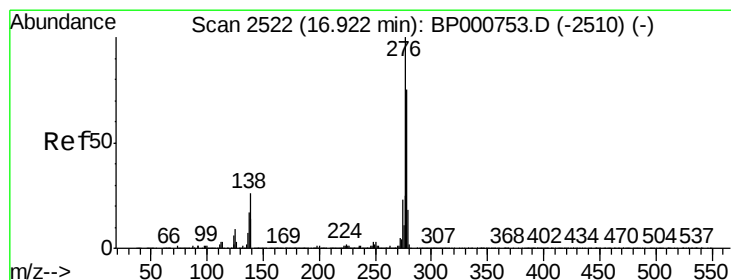
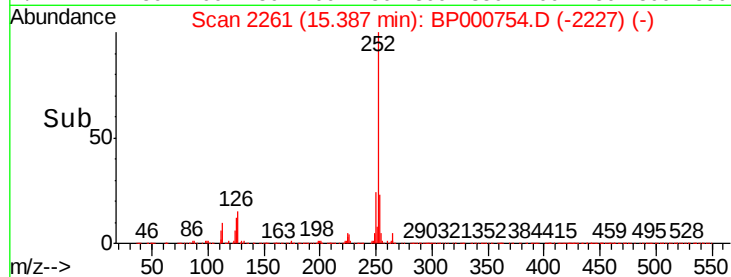
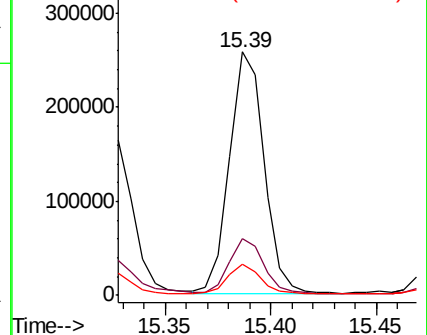
125 12.5 9.7 14.5



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: 3.657 ng/ul

RT: 16.92 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BP000754.D

Acq: 15 Oct 2019 10:32

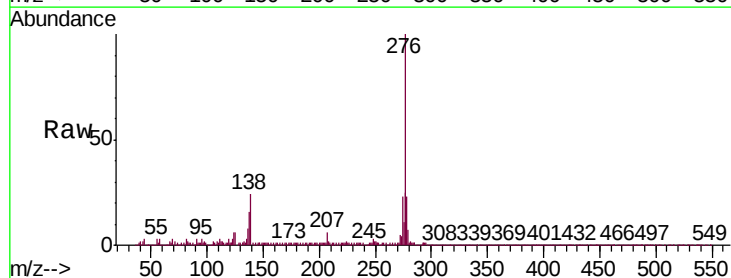
Tgt Ion:276 Resp: 167206

Ion Ratio Lower Upper

276 100

138 23.9 20.0 30.0

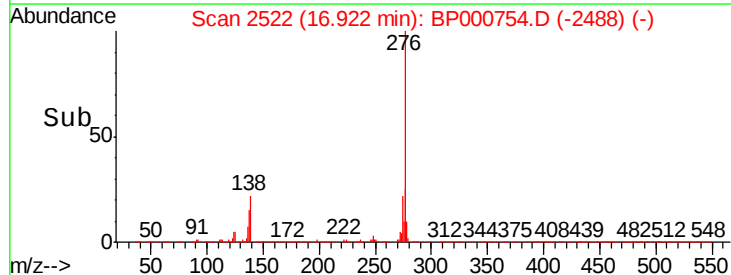
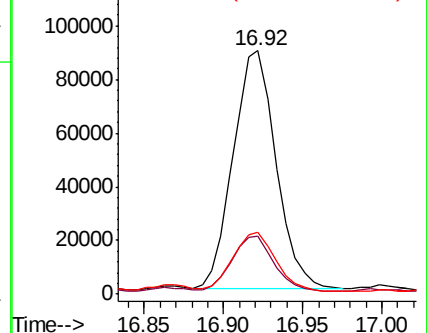
277 25.3 19.8 29.8

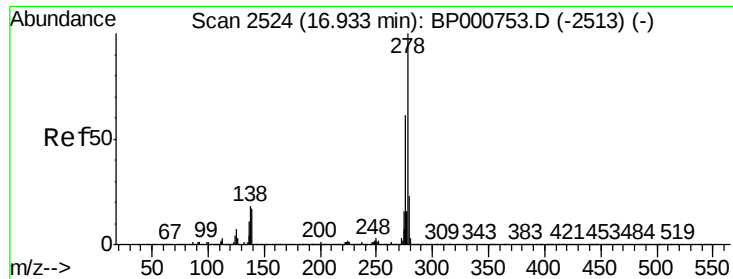


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

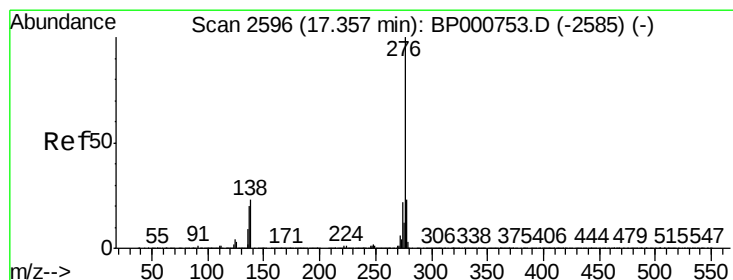
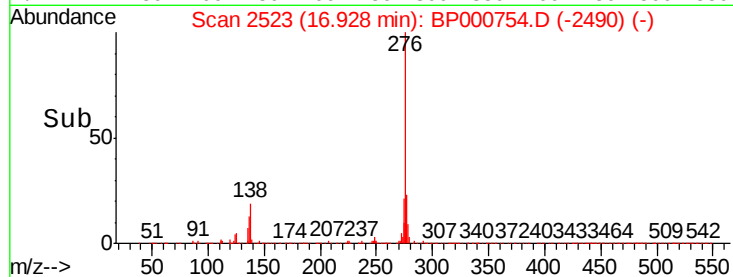
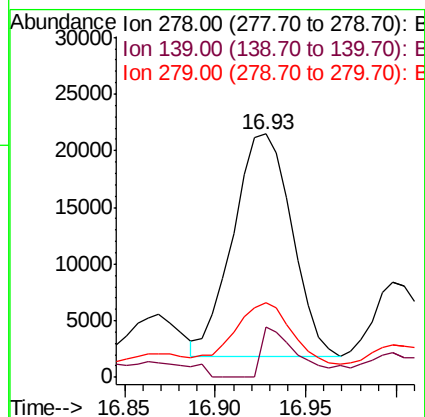
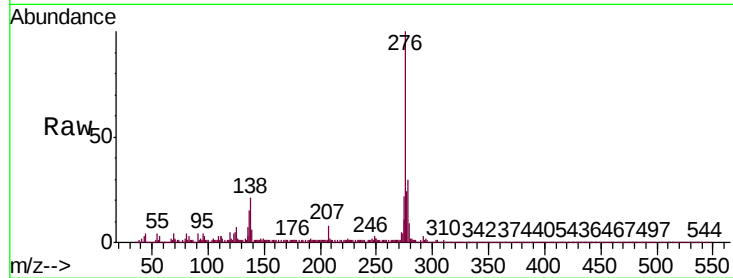




#93
Dibenzo(a,h)anthracene
Concen: 1.187 ng/ul
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BP000754.D
Acq: 15 Oct 2019 10:32

Instrument :
BNA_P
ClientSampleId :
BEP83

Tgt Ion:278 Resp: 44503
Ion Ratio Lower Upper
278 100
139 20.6 14.2 21.4
279 30.7 19.2 28.8#



#94
Benzo(g,h,i)perylene
Concen: 3.636 ng/ul
RT: 17.36 min Scan# 2596
Delta R.T. 0.00 min
Lab File: BP000754.D
Acq: 15 Oct 2019 10:32

Tgt Ion:276 Resp: 138412
Ion Ratio Lower Upper
276 100
138 23.8 18.4 27.6
277 25.2 19.4 29.0

