

Data File : BP000800.D
Acq On : 16 Oct 2019 10:05
Operator : JU
Sample : K5199-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPG8

Quant Time: Oct 17 07:58:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 07:55:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	142566	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	540642	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	302063	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	560801	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	444199	20.00	ng/ul	0.00
86) Perylene-d12	15.46	264	499618	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.35	96	20140	5.86	ng/uL	0.00
5) Phenol-d5	6.39	99	345216	31.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	197717	35.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	318970	34.43	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	266767	31.75	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	159108	38.72	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	165918	37.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	294367	35.15	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	228881	24.57	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	844489	39.94	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1014297	38.99	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	48887	15.01	ng/ul	0.00
58) Fluorene-d10	10.32	176	722401	39.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	44293	16.59	ng/ul	0.00
71) Anthracene-d10	11.35	188	1055784	40.64	ng/ul	0.00
79) Pyrene-d10	12.74	212	1108162	44.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.37	264	1070406	43.40	ng/ul	0.00

Target Compounds

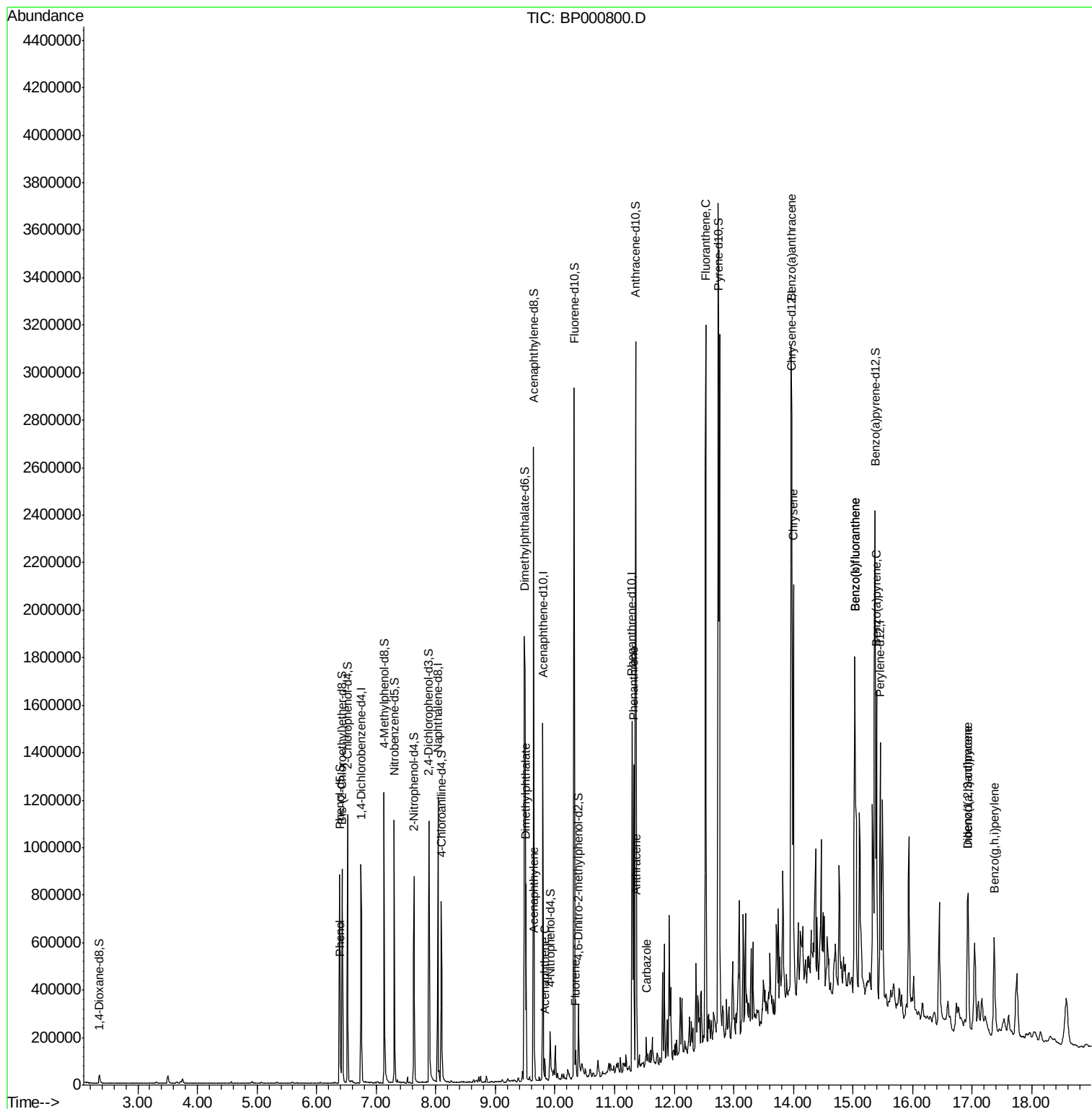
					Qvalue	
6) Phenol	6.40	94	24174	2.180	ng/ul	94
45) Dimethylphthalate	9.51	163	291024	13.813	ng/ul	99
48) Acenaphthylene	9.66	152	34562	1.288	ng/ul	98
50) Acenaphthene	9.83	153	19616	1.056	ng/ul	98
59) Fluorene	10.35	166	23523	1.171	ng/ul#	98
70) Phenanthrene	11.32	178	493378	16.143	ng/ul	99
72) Anthracene	11.37	178	110771	3.571	ng/ul	99
75) Carbazole	11.53	167	45312	1.712	ng/ul	98
77) Fluoranthene	12.53	202	1144797	36.556	ng/ul	97
83) Benzo(a)anthracene	13.96	228	603703	20.250	ng/ul	96
85) Chrysene	14.00	228	667277	24.081	ng/ul	98
88) Benzo(b)fluoranthene	15.03	252	812770	27.266	ng/ul	99
89) Benzo(k)fluoranthene	15.03	252	812770	28.632	ng/ul	99
91) Benzo(a)pyrene	15.39	252	579681	20.539	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.93	276	376366	11.634	ng/ul	96
93) Dibenzo(a,h)anthracene	16.93	278	103839	3.916	ng/ul	95
94) Benzo(g,h,i)perylene	17.37	276	334240	12.409	ng/ul	99

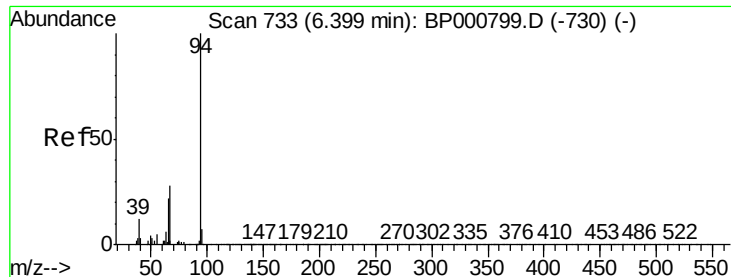
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.180 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

BNA_P

ClientSampleId :

BEPG8

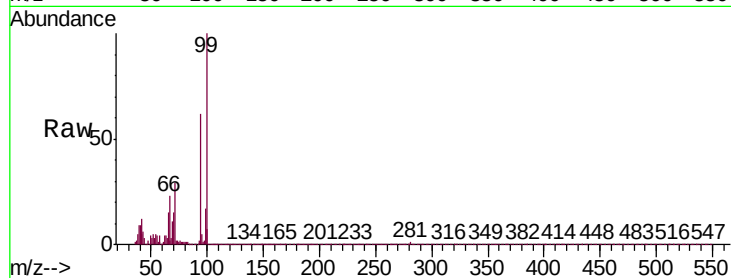
Tgt Ion: 94 Resp: 24174

Ion Ratio Lower Upper

94 100

65 24.2 19.2 28.8

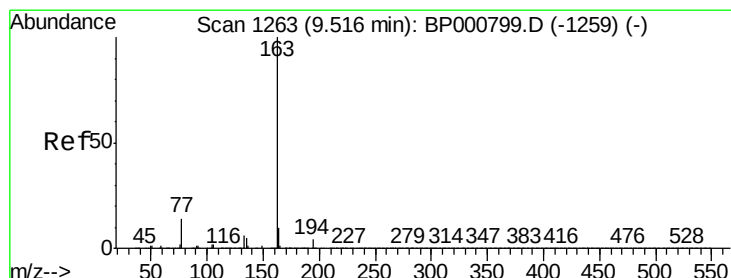
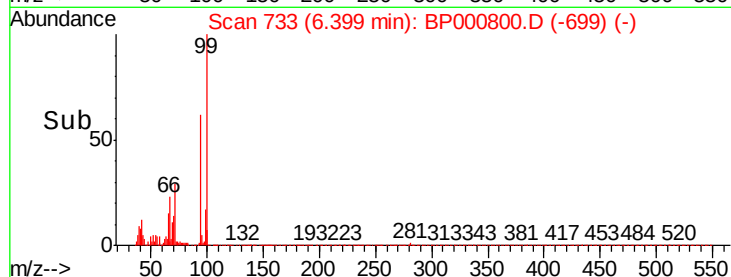
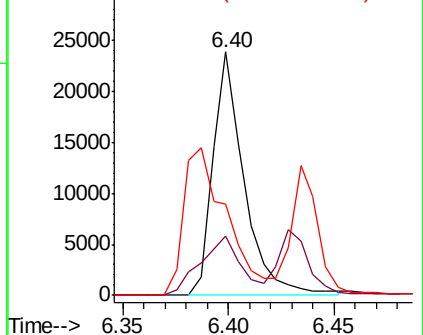
66 37.3 25.7 38.5



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: 13.813 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

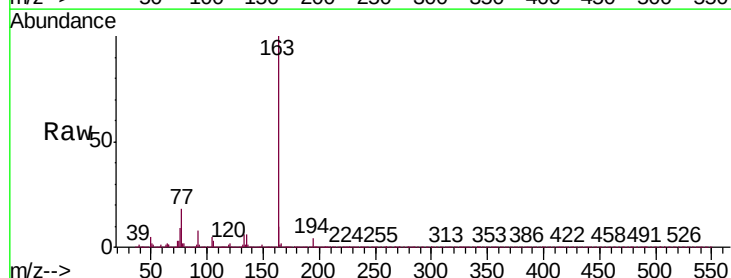
Tgt Ion: 163 Resp: 291024

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

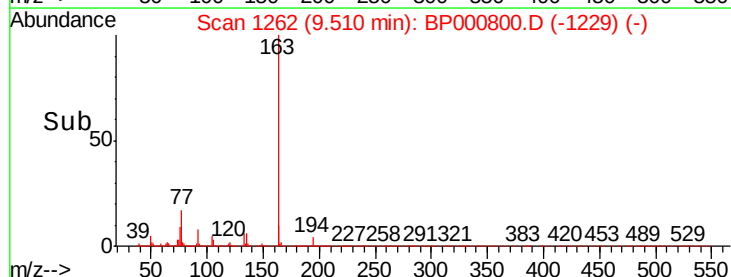
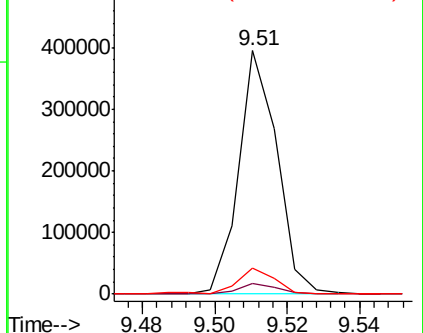
164 10.5 8.1 12.1

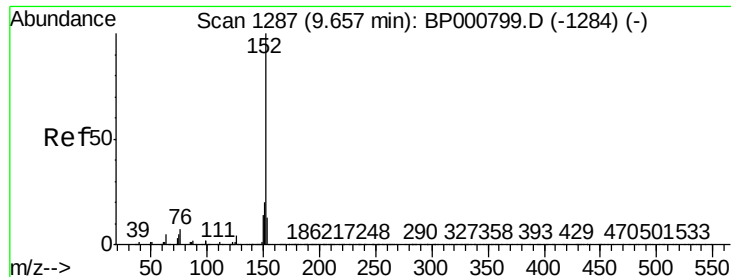


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 1.288 ng/ul

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

BNA_P

ClientSampleId :

BEPG8

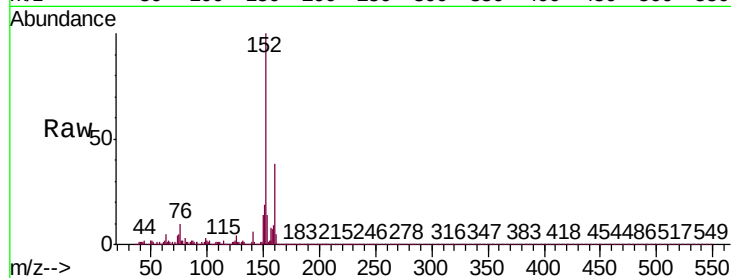
Tgt Ion:152 Resp: 34562

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.4

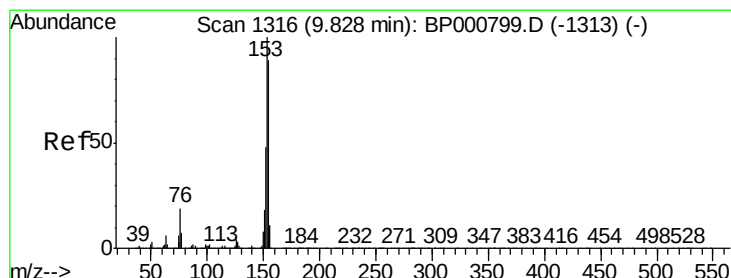
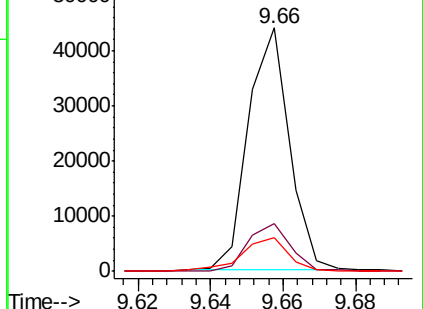
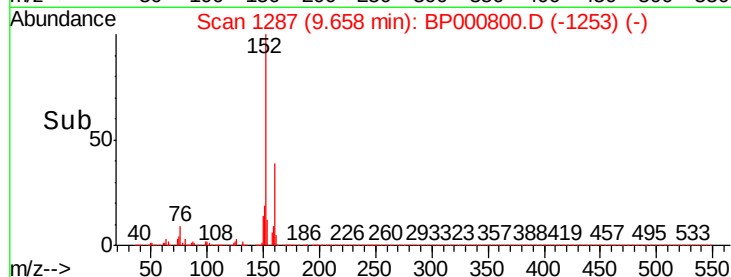
153 14.1 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 1.056 ng/ul

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

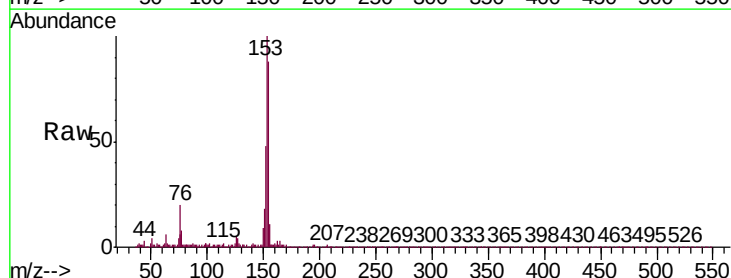
Tgt Ion:153 Resp: 19616

Ion Ratio Lower Upper

153 100

152 48.2 38.6 57.8

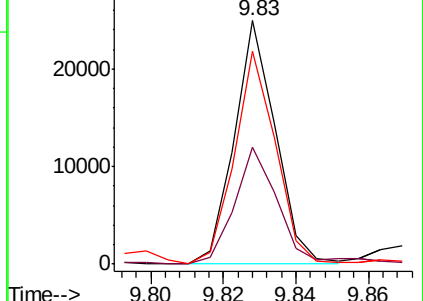
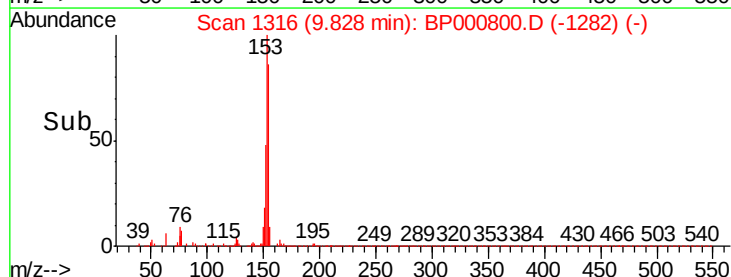
154 87.7 71.9 107.9

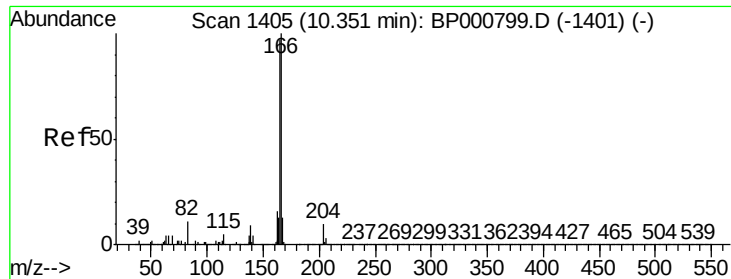


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

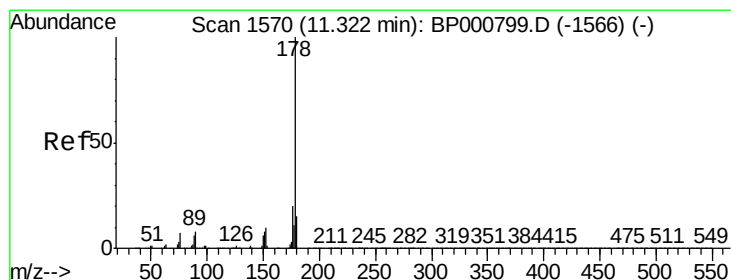
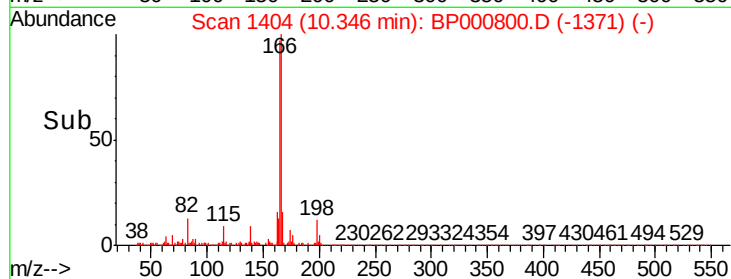
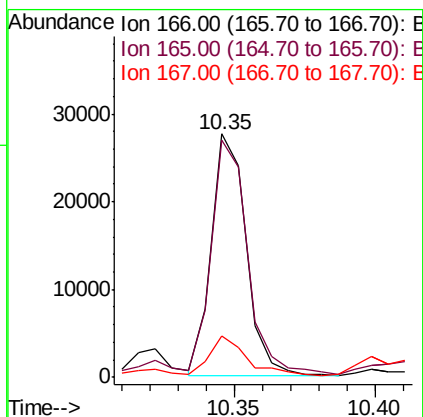
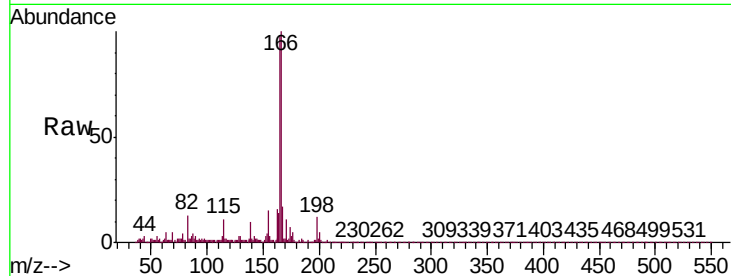




#59
 Fluorene
 Concen: 1.171 ng/ul
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BP000800.D
 Acq: 16 Oct 2019 10:05

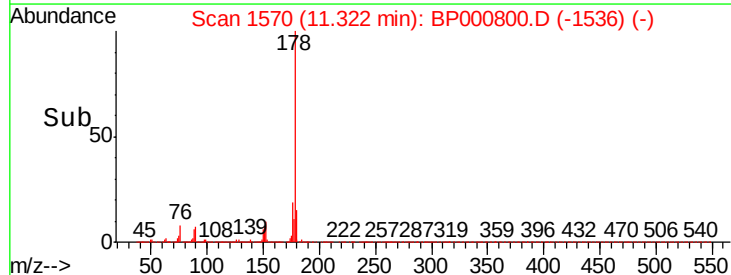
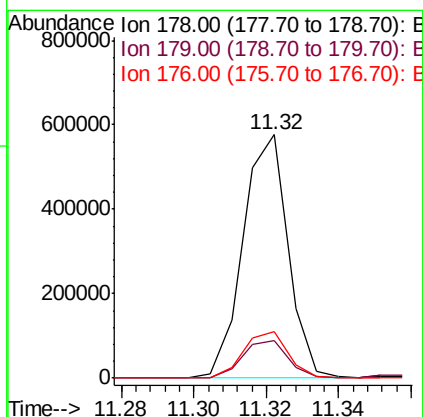
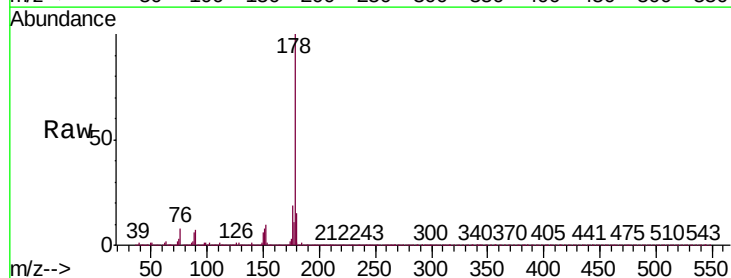
Instrument :
 BNA_P
 ClientSampleId :
 BEPG8

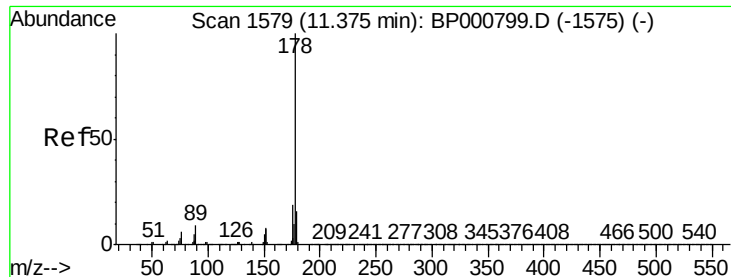
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.4	116.0
167	17.0	10.8	16.2#



#70
 Phenanthrene
 Concen: 16.143 ng/ul
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BP000800.D
 Acq: 16 Oct 2019 10:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.9	15.4	23.2





#72

Anthracene

Concen: 3.571 ng/ul

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

BNA_P

ClientSampleId :

BEPG8

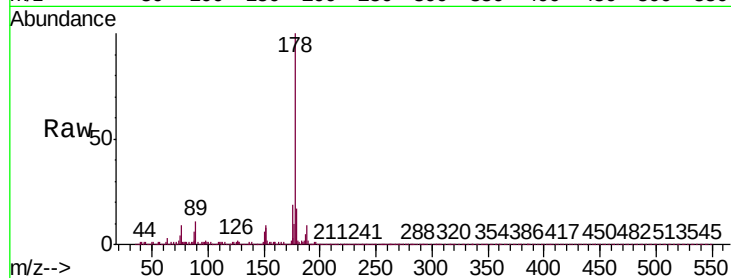
Tgt Ion:178 Resp: 110771

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

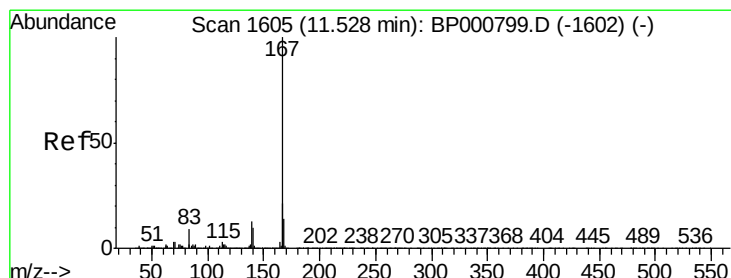
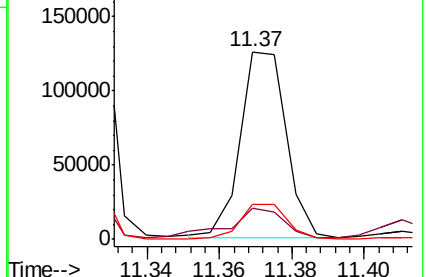
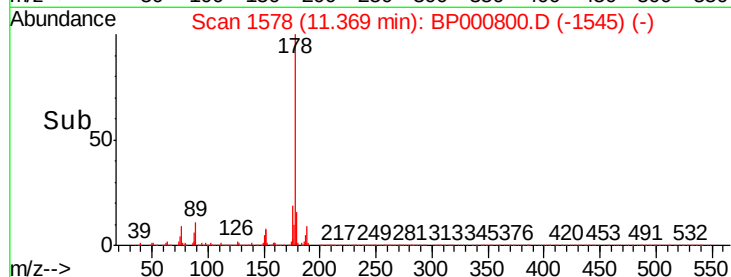
176 18.8 15.1 22.7



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



#75

Carbazole

Concen: 1.712 ng/ul

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

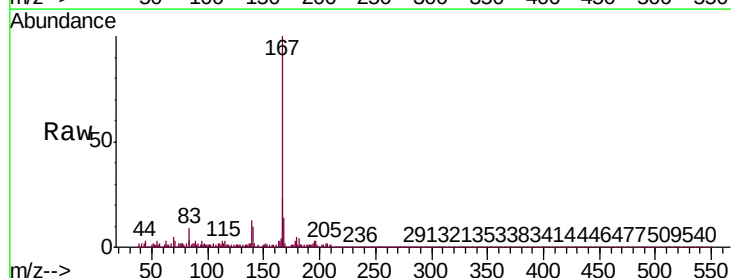
Tgt Ion:167 Resp: 45312

Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.0

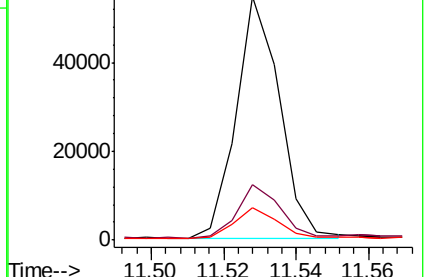
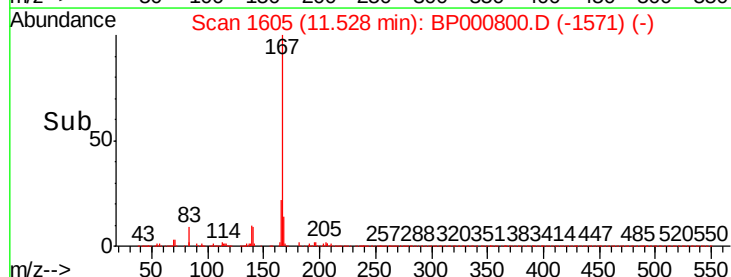
139 13.3 10.2 15.4

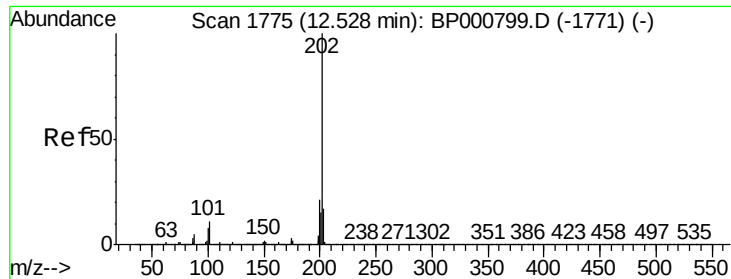


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 36.556 ng/ul

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

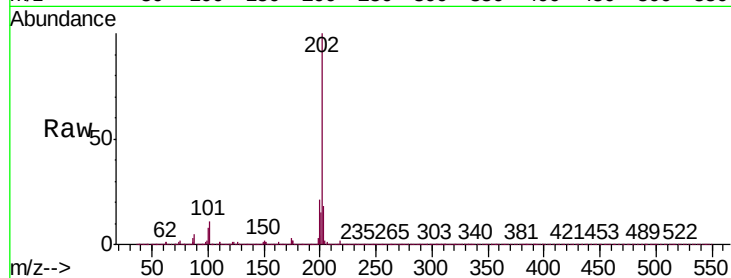
BNA_P

ClientSampleId :

BEPG8

Tgt Ion: 202 Resp: 1144797

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.6
100	8.2	7.2	10.8

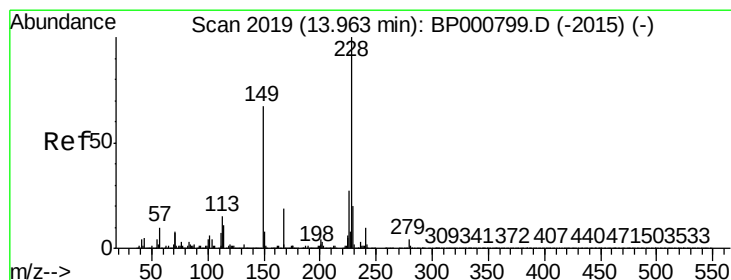
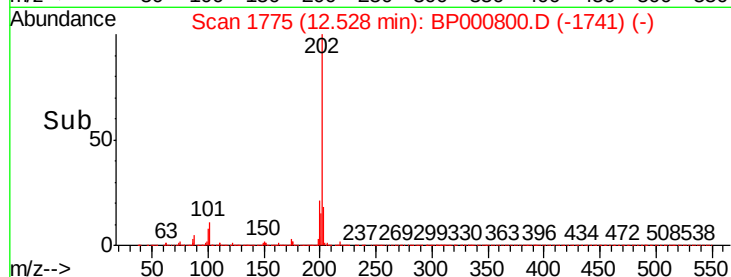
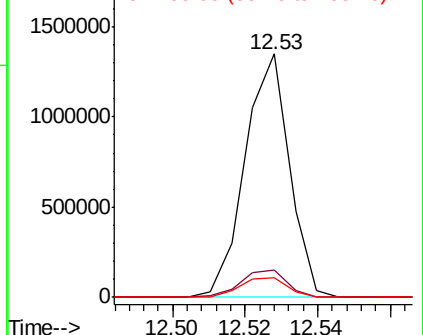


Abundance

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): B



#83

Benzo(a)anthracene

Concen: 20.250 ng/ul

RT: 13.96 min Scan# 2019

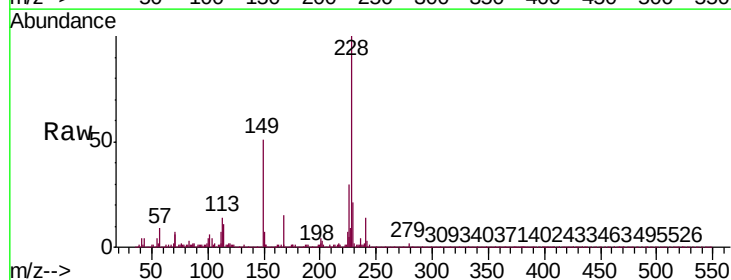
Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Tgt Ion: 228 Resp: 603703

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	29.5	21.8	32.8

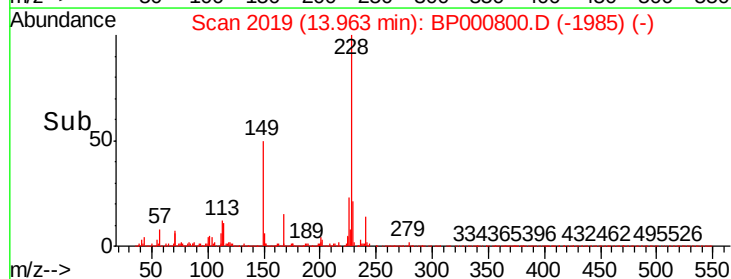
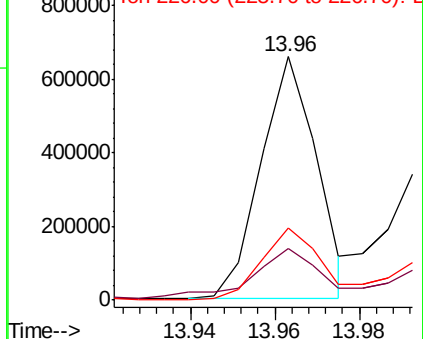


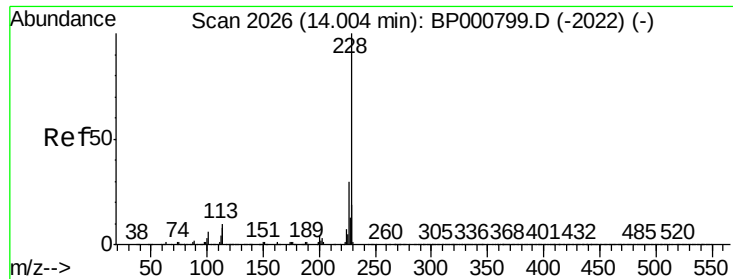
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 24.081 ng/ul

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

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BNA_P

ClientSampleId :

BEPG8

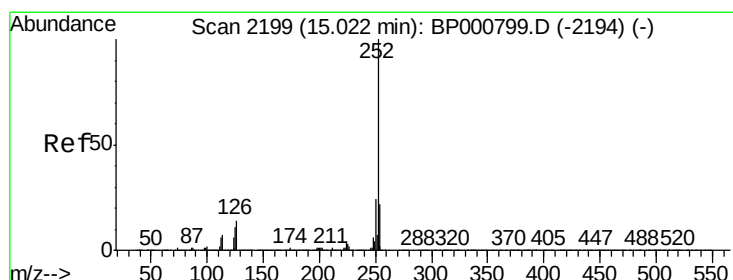
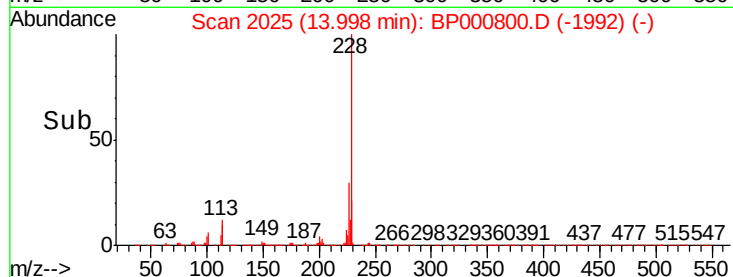
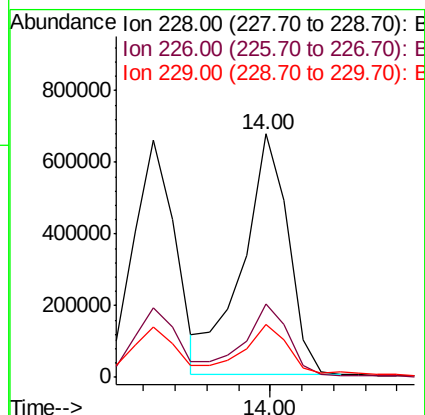
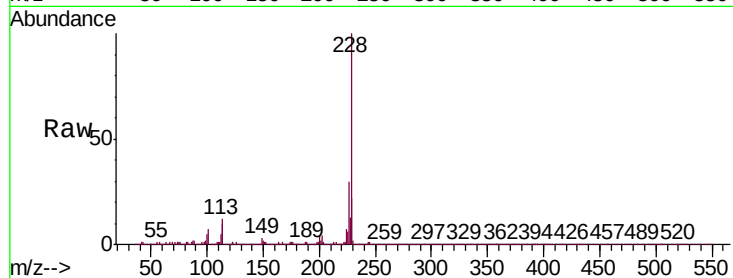
Tgt Ion:228 Resp: 667277

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 21.6 15.8 23.6



#88

Benzo(b)fluoranthene

Concen: 27.266 ng/ul

RT: 15.03 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

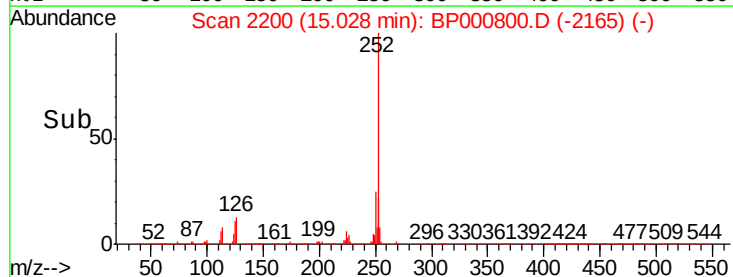
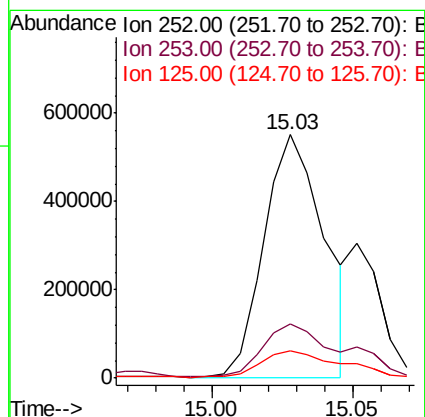
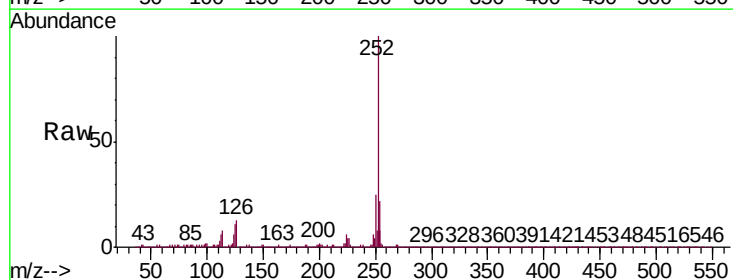
Tgt Ion:252 Resp: 812770

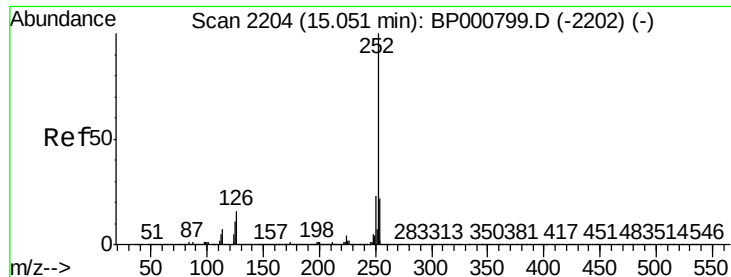
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.3 8.7 13.1

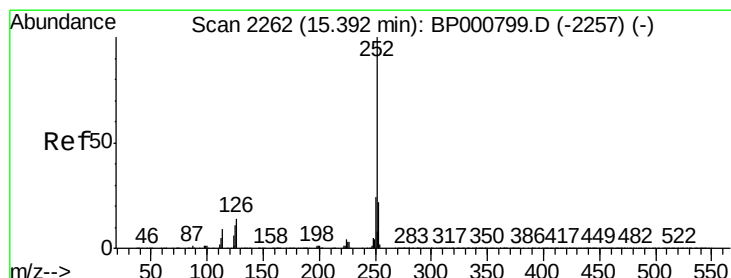
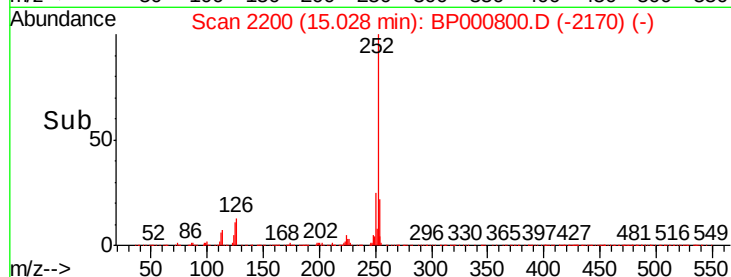
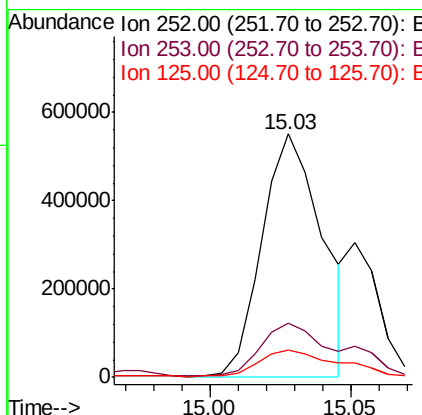
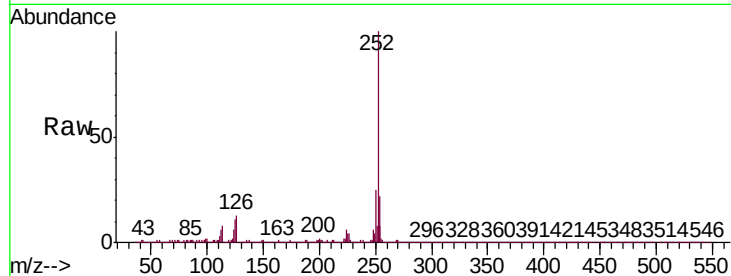




#89
Benzo(k)fluoranthene
Concen: 28.632 ng/ul
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

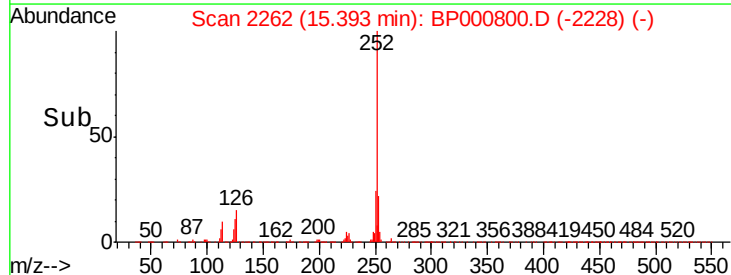
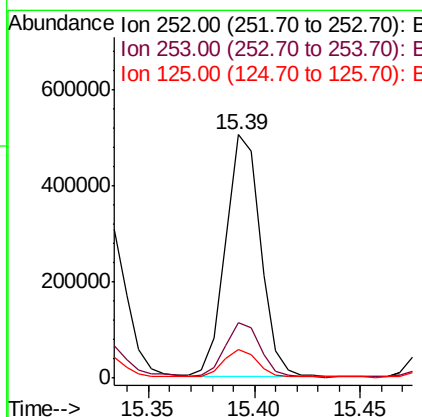
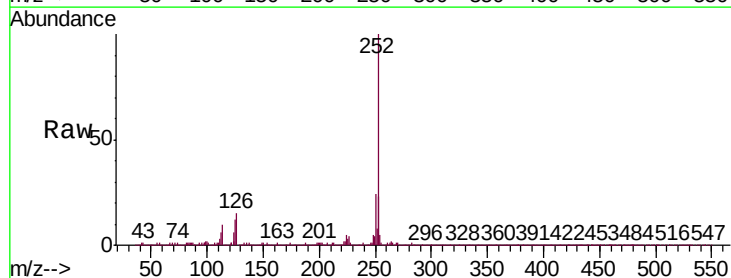
Instrument :
BNA_P
ClientSampleId :
BEPG8

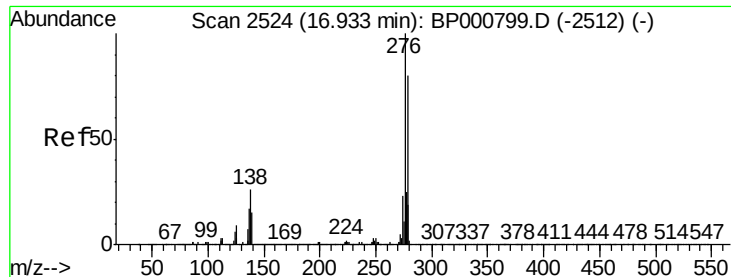
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.3	8.2	12.4



#91
Benzo(a)pyrene
Concen: 20.539 ng/ul
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.6	9.7	14.5



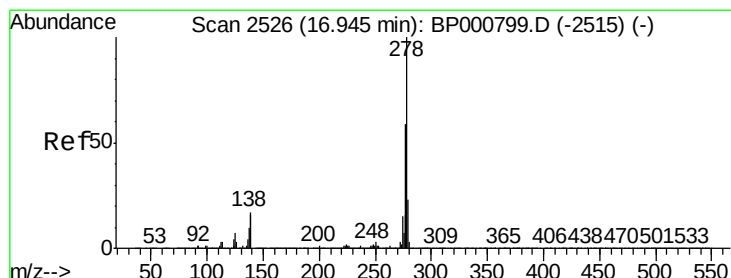
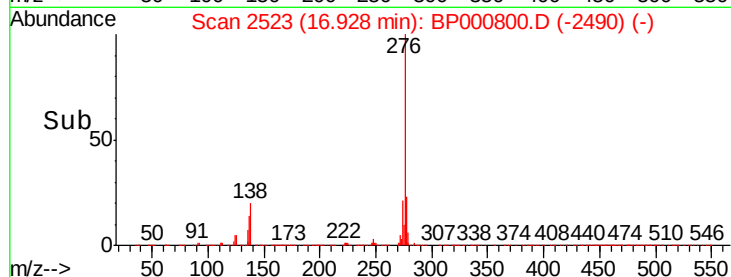
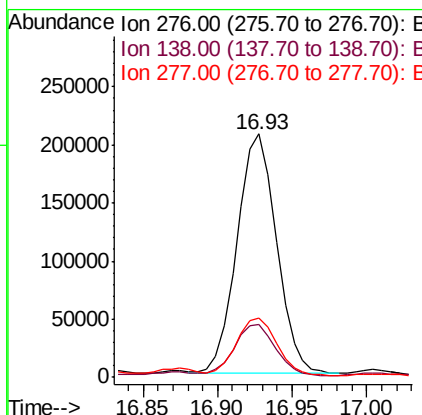
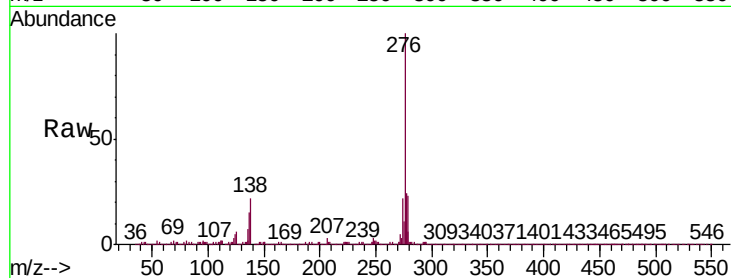


#92

Indeno(1,2,3-cd)pyrene
Concen: 11.634 ng/ul
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Instrument :
BNA_P
ClientSampleId :
BEPG8

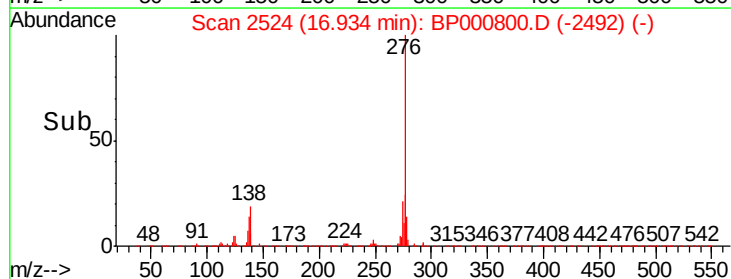
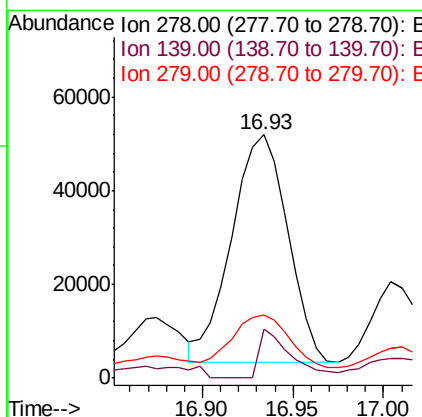
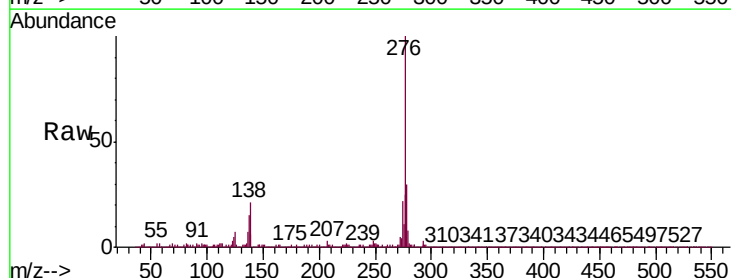
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.0	30.0
277	24.2	19.8	29.8

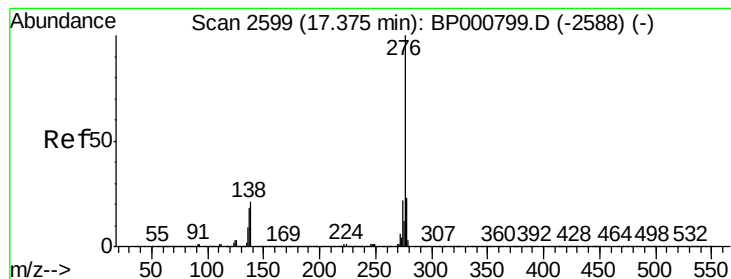


#93

Dibenzo(a,h)anthracene
Concen: 3.916 ng/ul
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.2	21.4
279	26.0	19.2	28.8





#94

Benzo(g,h,i)perylene

Concen: 12.409 ng/ul

RT: 17.37 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

BNA_P

ClientSampleId :

BEPG8

Tgt Ion: 276 Resp: 334240

Ion Ratio Lower Upper

276 100

138 21.8 18.4 27.6

277 24.5 19.4 29.0

