

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
 Data File : BP000226.D
 Acq On : 12 Sep 2019 20:09
 Operator : HP/JU
 Sample : K4633-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 01:51:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	329773	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1226952	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	679139	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1156818	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	901407	20.00	ng/ul	0.03
86) Perylene-d12	15.76	264	665670	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	33272	3.58	ng/uL	0.01
5) Phenol-d5	6.52	99	610527	21.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	300908	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	499924	22.01	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	461407	21.87	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	234456	25.17	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	260848	28.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	482390	25.06	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	342879	14.40	ng/ul	0.00
44) Dimethylphthalate-d6	9.64	166	1223841	24.41	ng/ul	0.00
47) Acenaphthylene-d8	9.80	160	1491375	24.06	ng/ul	0.00
52) 4-Nitrophenol-d4	10.05	143	204204	22.79	ng/ul	0.01
58) Fluorene-d10	10.48	176	1008329	23.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	100313	18.87	ng/ul	0.02
71) Anthracene-d10	11.52	188	1444843	25.79	ng/ul	0.00
79) Pyrene-d10	12.92	212	1400143	26.12	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.66	264	928486	26.91	ng/ul	0.08

Target Compounds

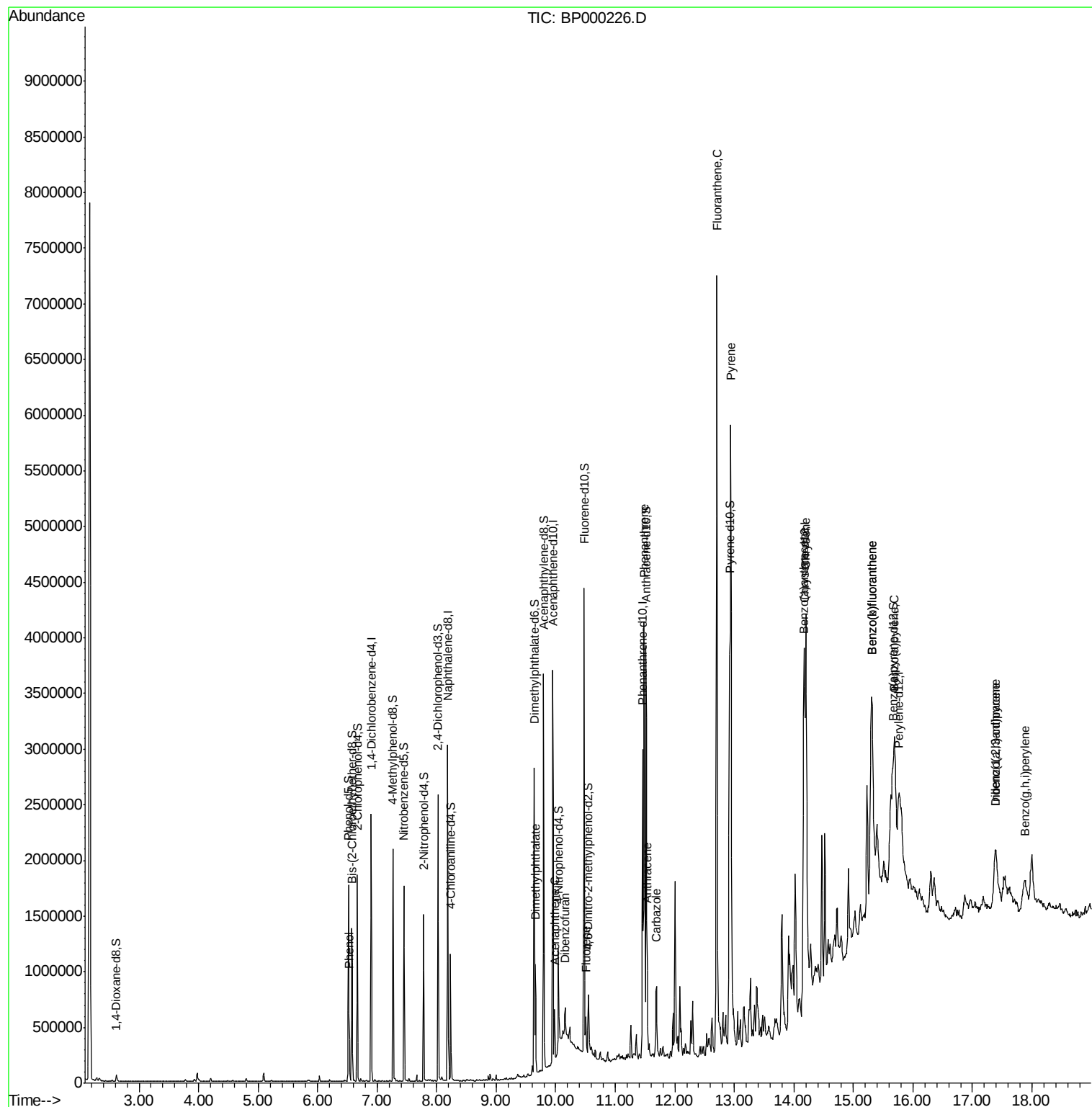
					Ovalue	
6) Phenol	6.53	94	114630	3.916	ng/ul	98
45) Dimethylphthalate	9.66	163	342508	6.768	ng/ul	99
50) Acenaphthene	9.99	153	111251	2.480	ng/ul	95
54) Dibenzofuran	10.16	168	62587	1.017	ng/ul	98
59) Fluorene	10.50	166	73295	1.539	ng/ul	98
70) Phenanthrene	11.49	178	1570306	22.954	ng/ul	99
72) Anthracene	11.54	178	308214	4.579	ng/ul	99
75) Carbazole	11.69	167	308414	5.359	ng/ul	98
77) Fluoranthene	12.70	202	3703100	53.668	ng/ul	98
80) Pyrene	12.94	202	2924693	43.006	ng/ul	94
83) Benzo(a)anthracene	14.16	228	1414572	21.679	ng/ul	95
85) Chrysene	14.20	228	2056746	34.350	ng/ul	97
88) Benzo(b)fluoranthene	15.31	252	2808012	63.646	ng/ul	98
89) Benzo(k)fluoranthene	15.31	252	2808012	67.519	ng/ul	99
91) Benzo(a)pyrene	15.69	252	1183322	28.586	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	17.39	276	343269	7.208	ng/ul	96
93) Dibenzo(a,h)anthracene	17.39	278	175813	4.457	ng/ul#	92
94) Benzo(g,h,i)perylene	17.88	276	336413	8.473	ng/ul	98

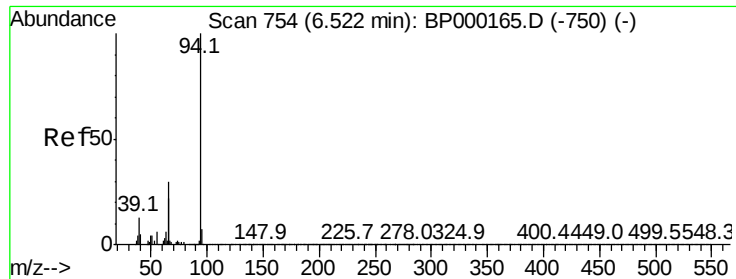
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.916 ng/ul

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

Instrument :

BNA_P

ClientSampleId :

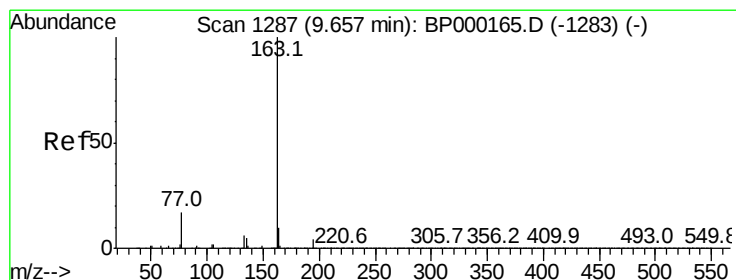
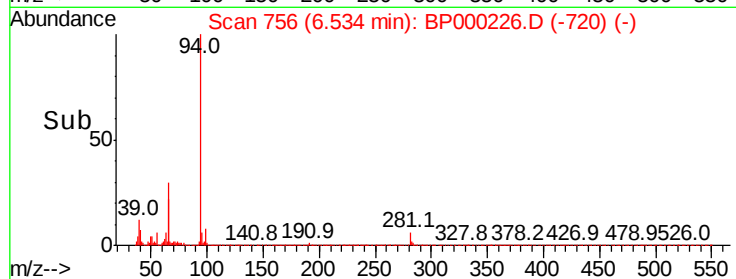
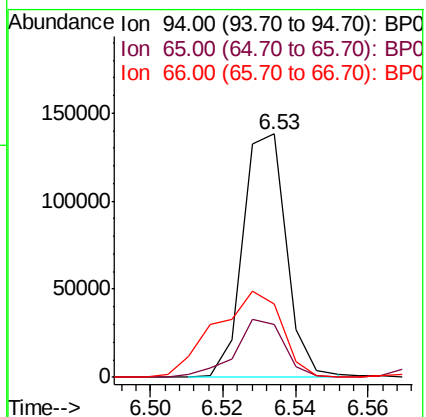
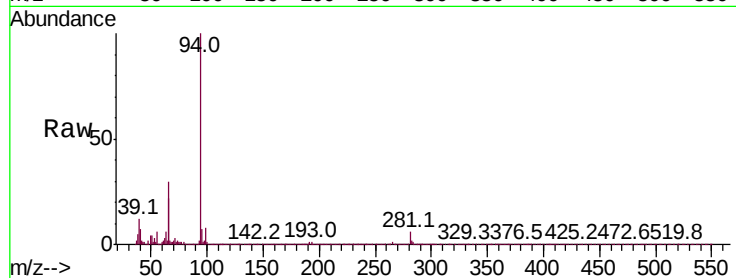
Tot Ion: 94 Resp: 114630

Ion Ratio Lower Upper

94 100

65 21.6 18.8 28.2

66 30.1 24.2 36.2



#45

Dimethylphthalate

Concen: 6.768 ng/ul

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

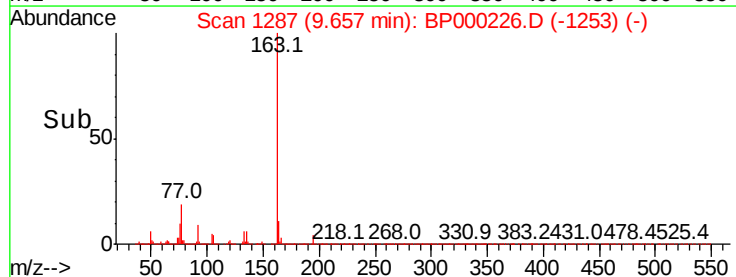
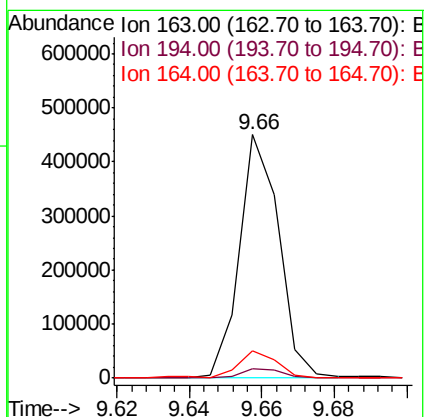
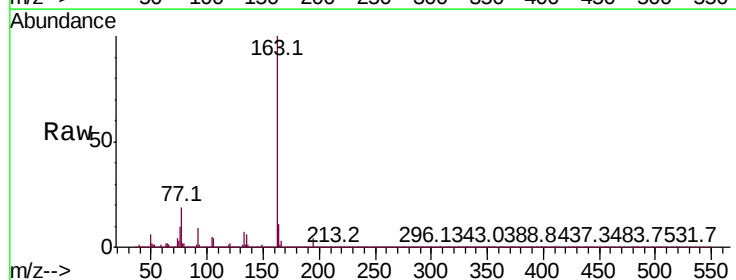
Tgt Ion:163 Resp: 342508

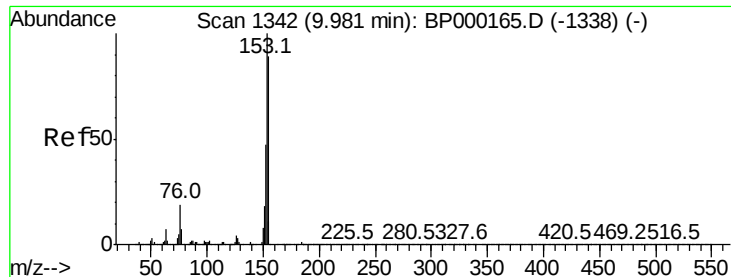
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 11.0 8.4 12.6





#50

Acenaphthene

Concen: 2.480 ng/ul

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

Instrument :

BNA_P

ClientSampleId :

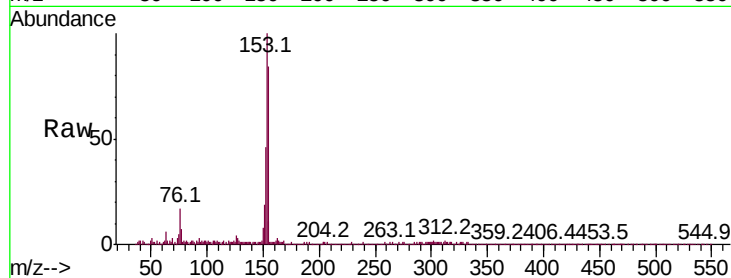
Tot Ion:153 Resp: 111251

Ion Ratio Lower Upper

153 100

152 46.0 38.0 57.0

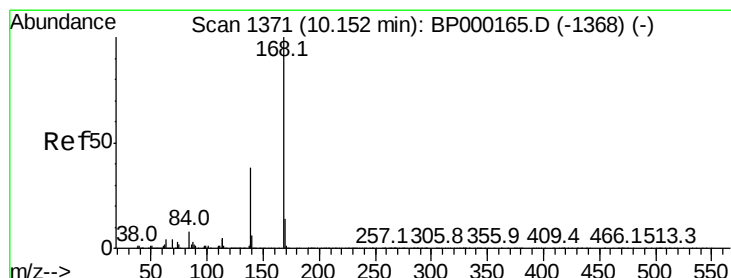
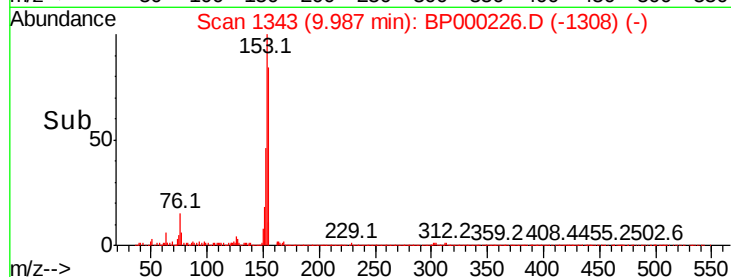
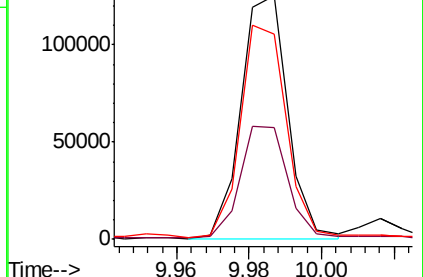
154 84.1 72.6 108.8



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



#54

Dibenzofuran

Concen: 1.017 ng/ul

RT: 10.16 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BP000226.D

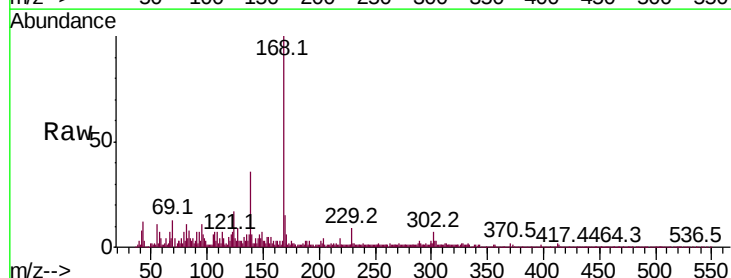
Acq: 12 Sep 2019 20:09

Tgt Ion:168 Resp: 62587

Ion Ratio Lower Upper

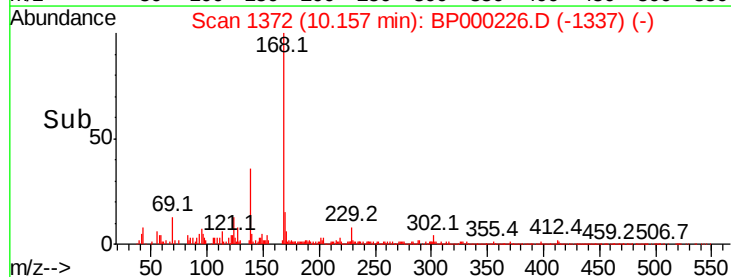
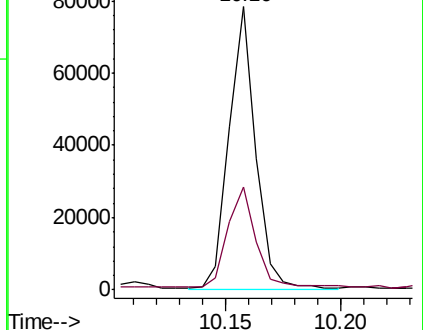
168 100

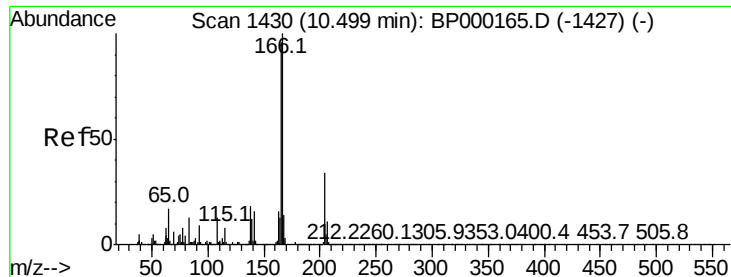
139 36.4 30.0 45.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

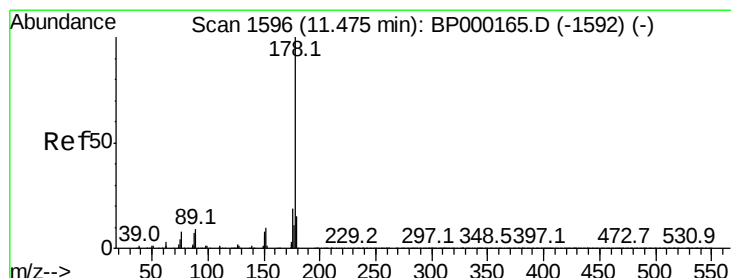
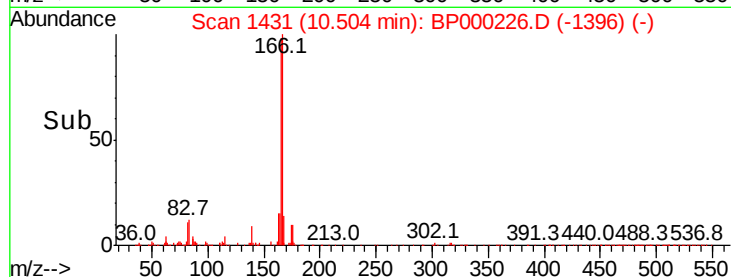
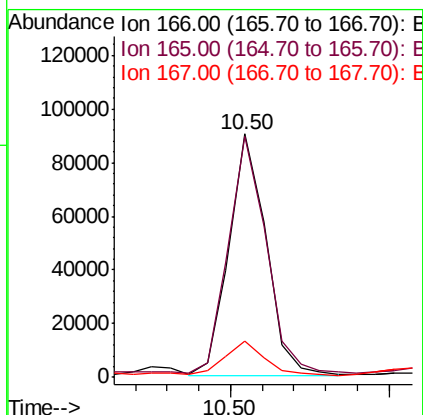
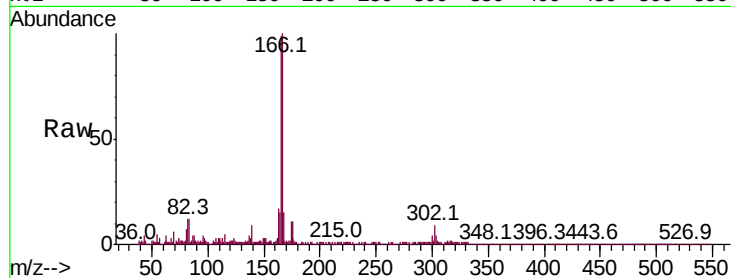




#59
Fluorene
Concen: 1.539 ng/ul
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

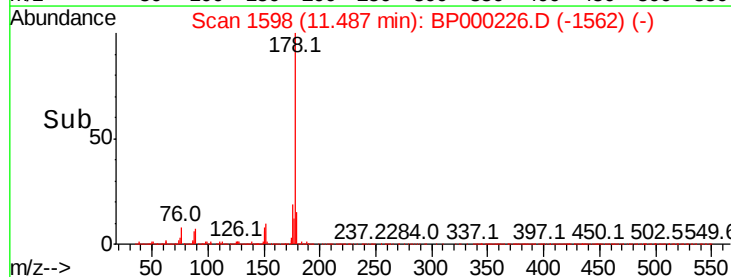
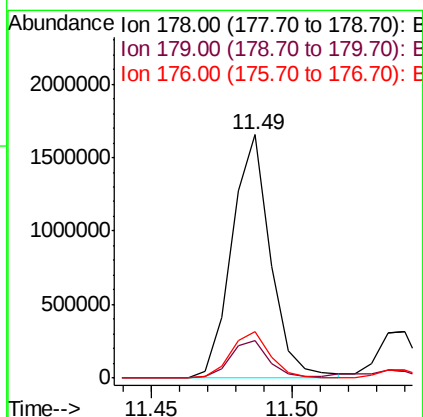
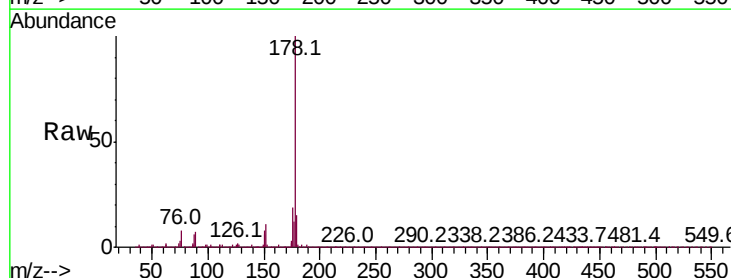
Instrument :
BNA_P
ClientSampleId :

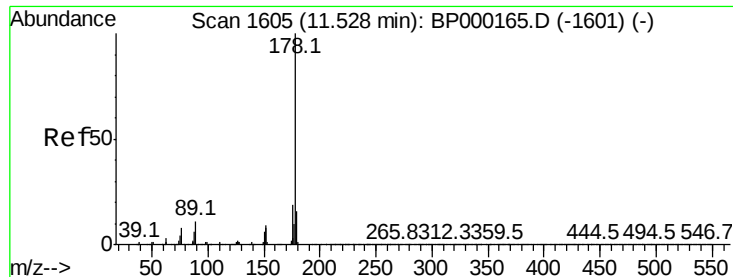
Tot Ion:166 Resp: 73295
Ion Ratio Lower Upper
166 100
165 99.1 77.8 116.8
167 14.7 10.9 16.3



#70
Phenanthrene
Concen: 22.954 ng/ul
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion:178 Resp: 1570306
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.1 15.7 23.5





#72

Anthracene

Concen: 4.579 ng/ul

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

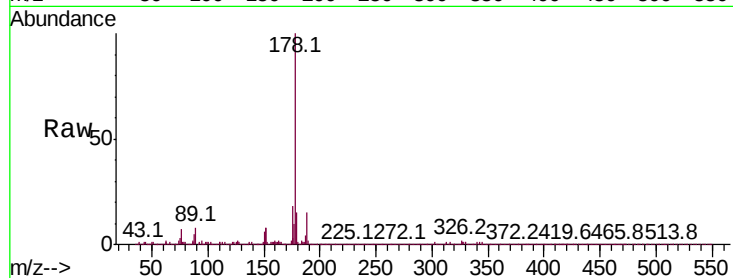
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 308214

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.4	15.1	22.7

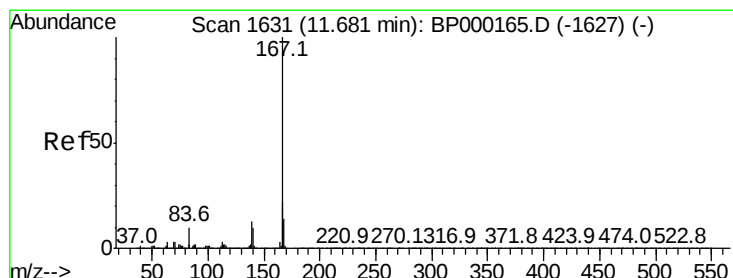
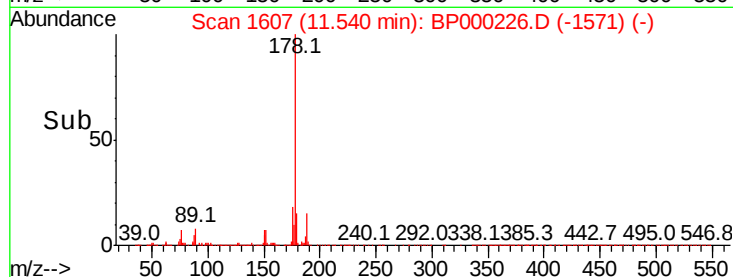
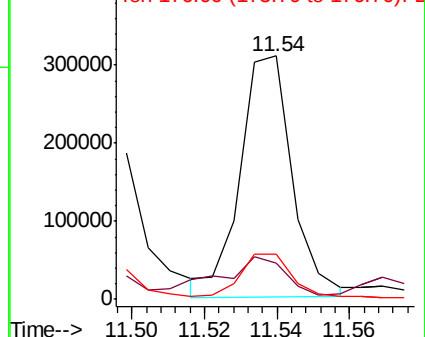


Abundance

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: 5.359 ng/ul

RT: 11.69 min Scan# 1633

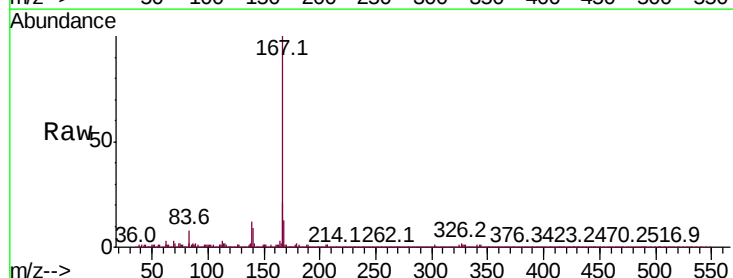
Delta R.T. 0.01 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

Tgt Ion:167 Resp: 308414

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.3	25.9
139	12.5	10.6	15.8

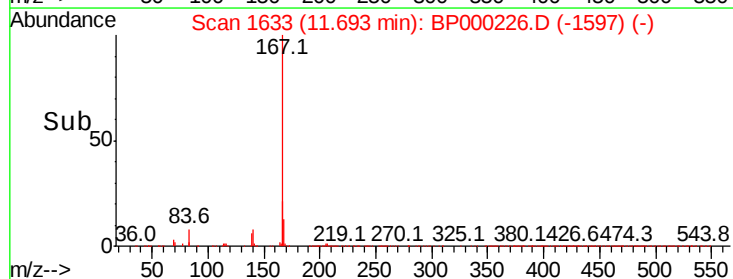
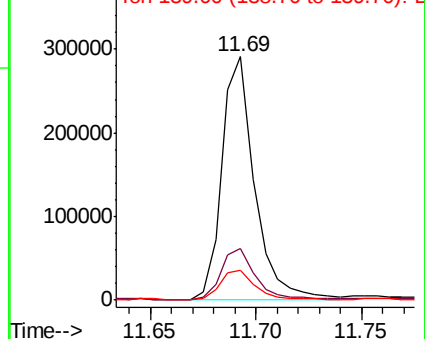


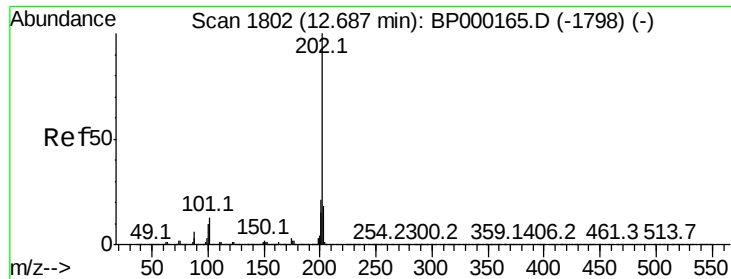
Abundance

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



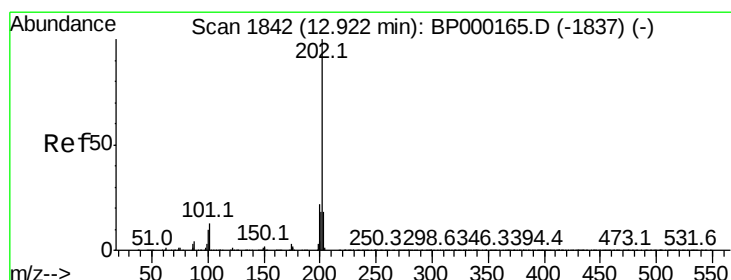
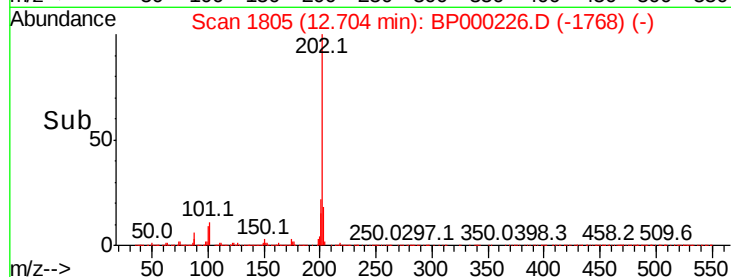
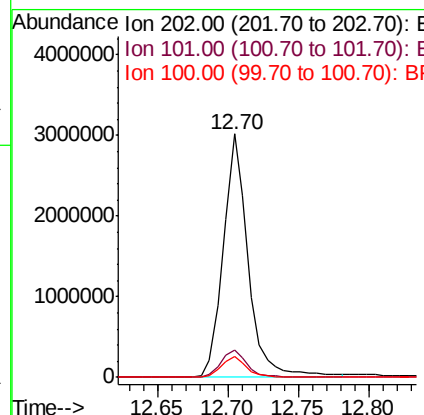
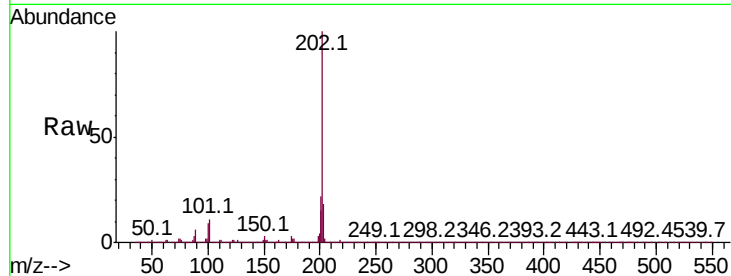


#77
 Fluoranthene
 Concen: 53.668 ng/ul
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.02 min
 Lab File: BP000226.D
 Acq: 12 Sep 2019 20:09

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:202 Resp: 3703100

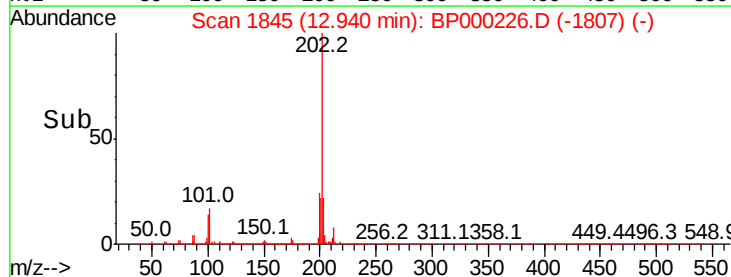
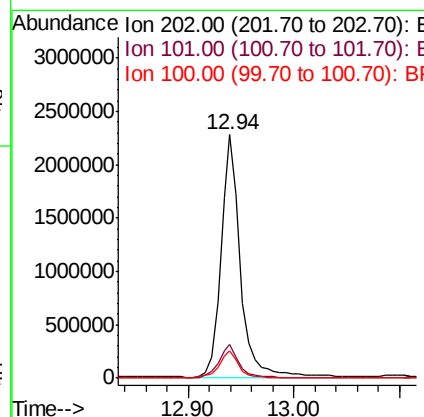
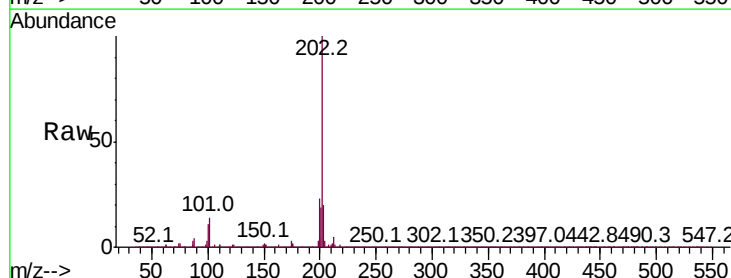
Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.0	15.0
100	8.6	7.4	11.2

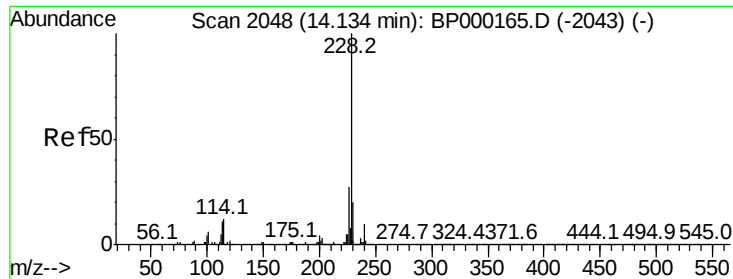


#80
 Pyrene
 Concen: 43.006 ng/ul
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.02 min
 Lab File: BP000226.D
 Acq: 12 Sep 2019 20:09

Tgt Ion:202 Resp: 2924693

Ion	Ratio	Lower	Upper
202	100		
101	13.9	13.4	20.0
100	11.1	10.8	16.2

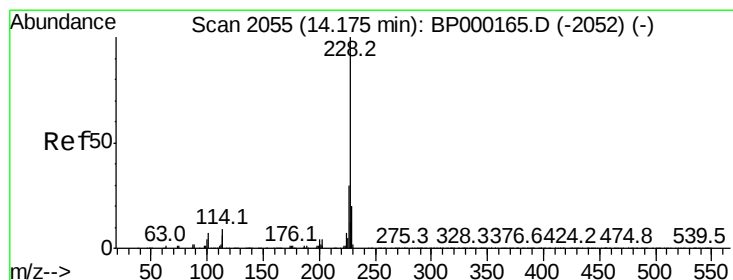
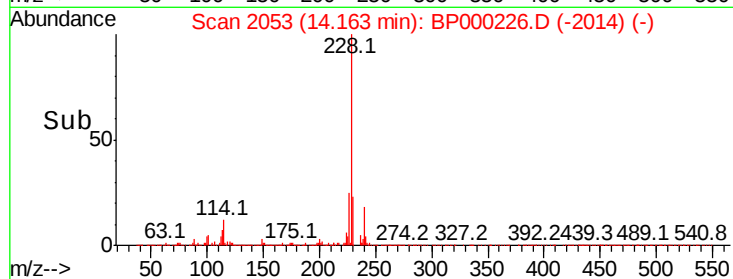
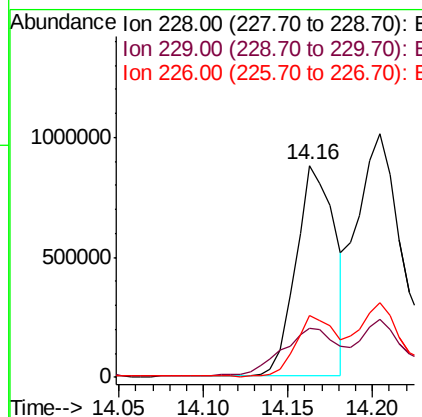
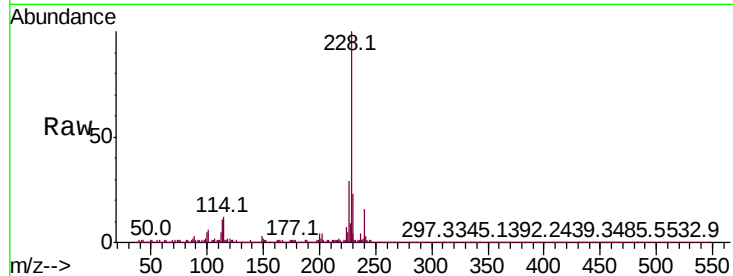




#83
Benzo(a)anthracene
Concen: 21.679 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. 0.03 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

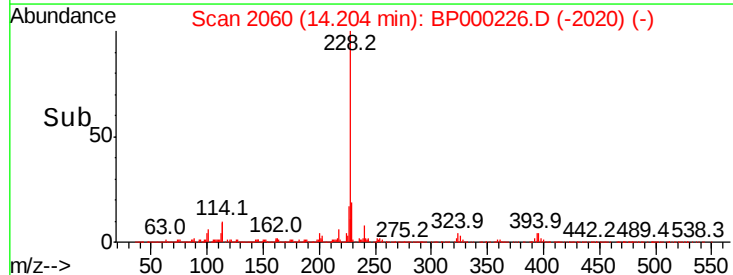
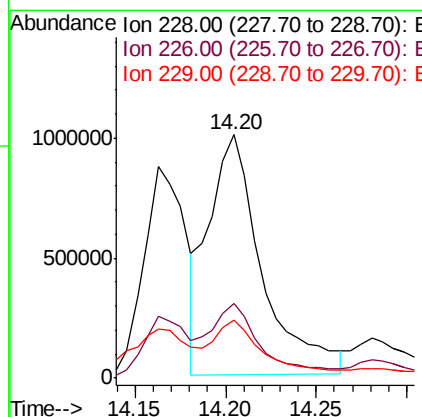
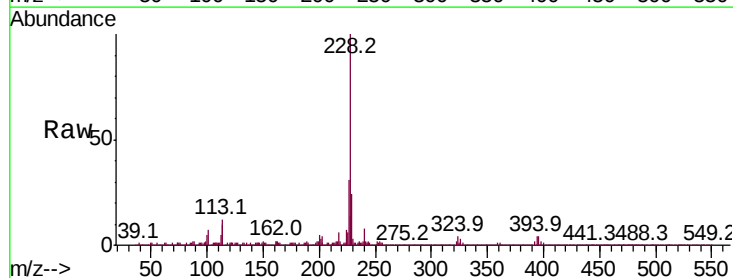
Instrument :
BNA_P
ClientSampleId :

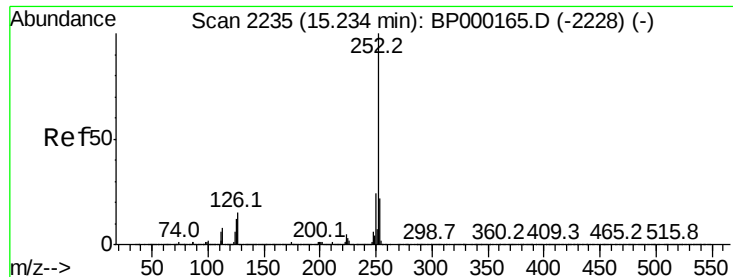
Tot Ion:228 Resp: 1414572
Ion Ratio Lower Upper
228 100
229 23.2 15.9 23.9
226 29.3 22.1 33.1



#85
Chrysene
Concen: 34.350 ng/ul
RT: 14.20 min Scan# 2060
Delta R.T. 0.04 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion:228 Resp: 2056746
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 23.8 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 63.646 ng/ul

RT: 15.31 min Scan# 2248

Delta R.T. 0.08 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

Instrument :

BNA_P

ClientSampleId :

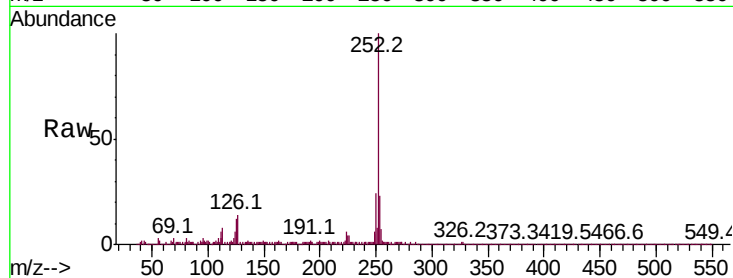
Tot Ion:252 Resp: 2808012

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

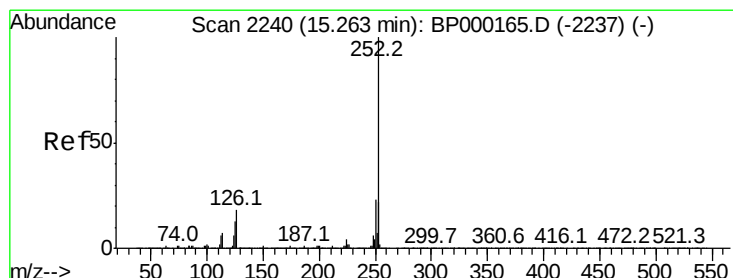
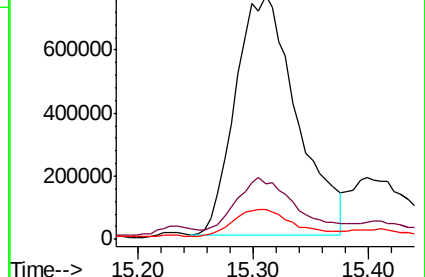
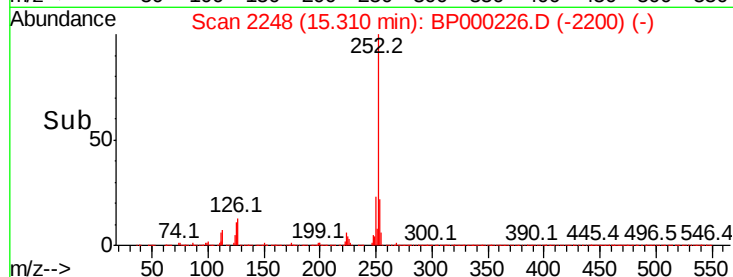
125 12.1 9.9 14.9



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: 67.519 ng/ul

RT: 15.31 min Scan# 2248

Delta R.T. 0.05 min

Lab File: BP000226.D

Acq: 12 Sep 2019 20:09

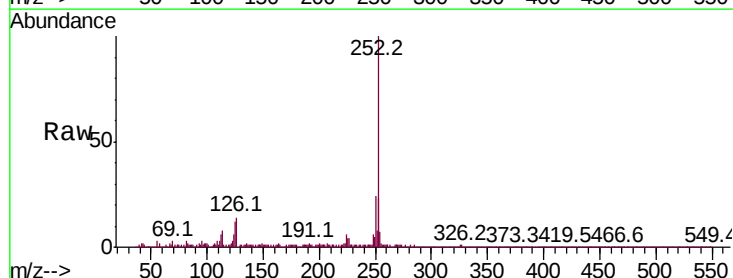
Tgt Ion:252 Resp: 2808012

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

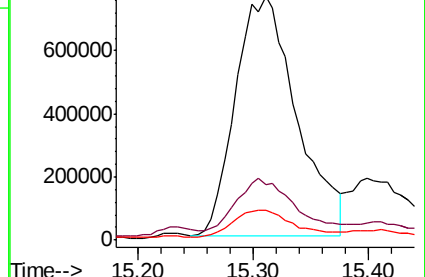
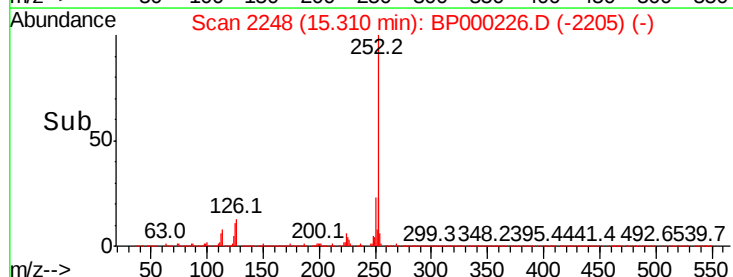
125 12.1 10.2 15.2

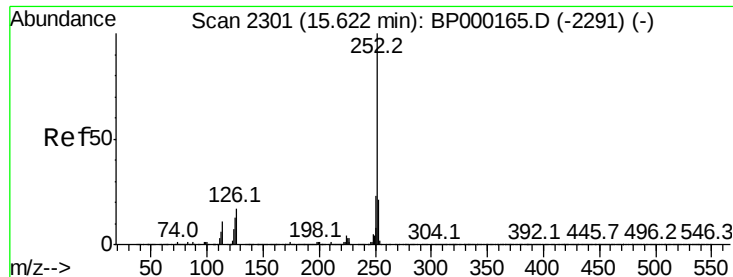


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

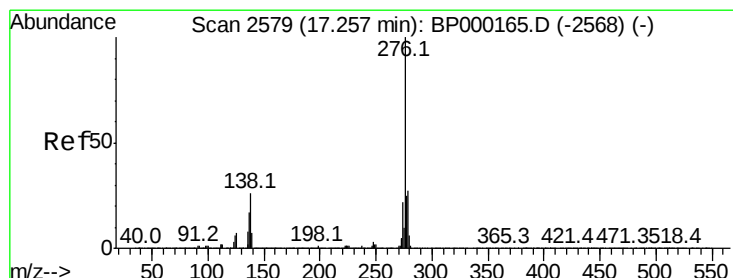
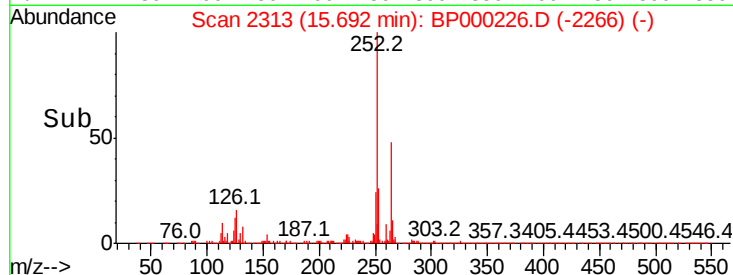
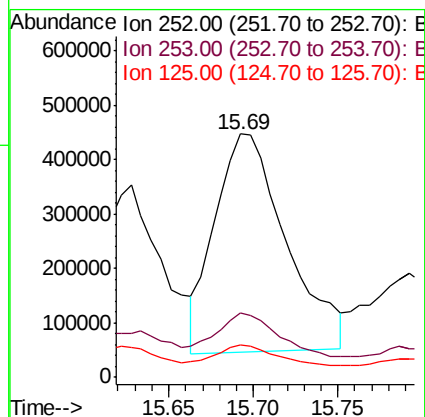
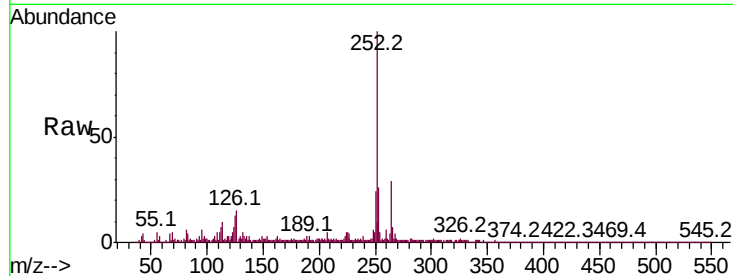




#91
Benzo(a)pyrene
Concen: 28.586 ng/u1
RT: 15.69 min Scan# 2313
Delta R.T. 0.08 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

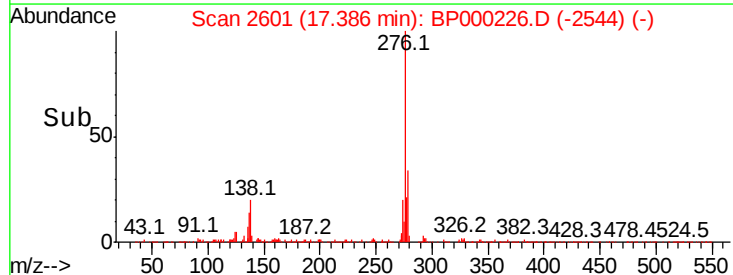
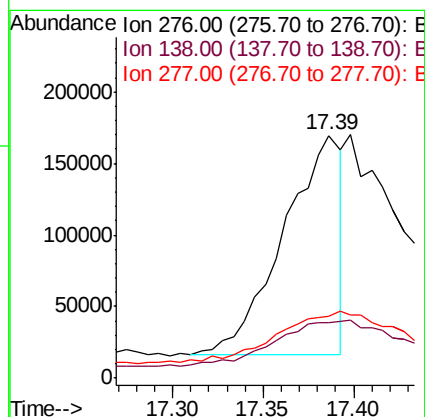
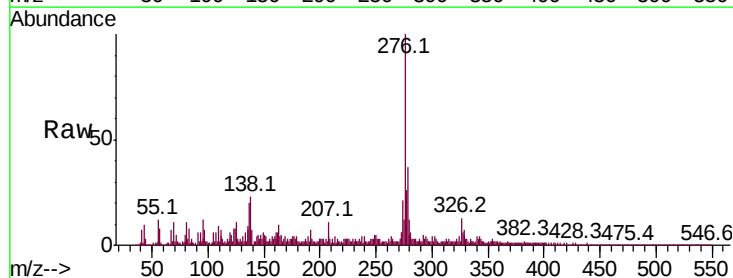
Instrument :
BNA_P
ClientSampleId :

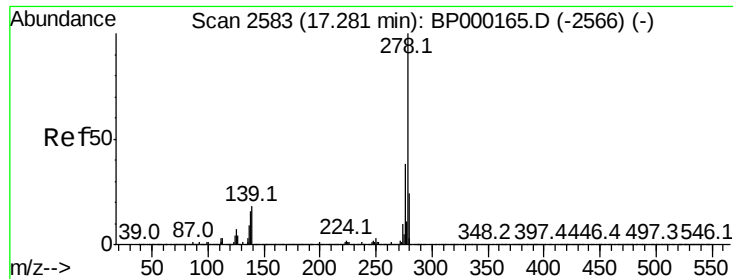
Tot Ion:252 Resp: 1183322
Ion Ratio Lower Upper
252 100
253 26.5 17.5 26.3#
125 13.1 10.2 15.2



#92
Indeno(1,2,3-cd)pyrene
Concen: 7.208 ng/u1
RT: 17.39 min Scan# 2601
Delta R.T. 0.14 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion:276 Resp: 343269
Ion Ratio Lower Upper
276 100
138 22.8 20.0 30.0
277 25.8 19.4 29.0

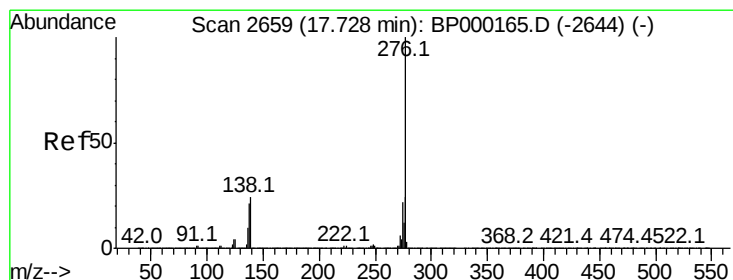
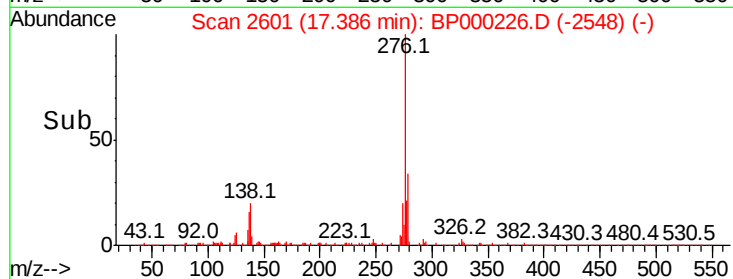
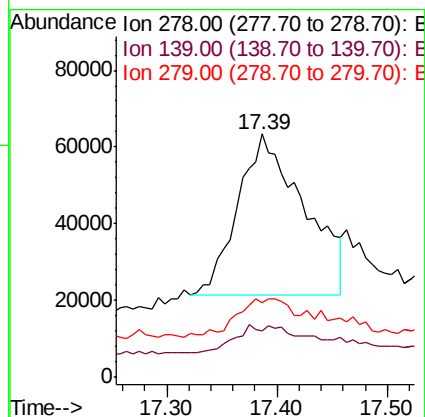
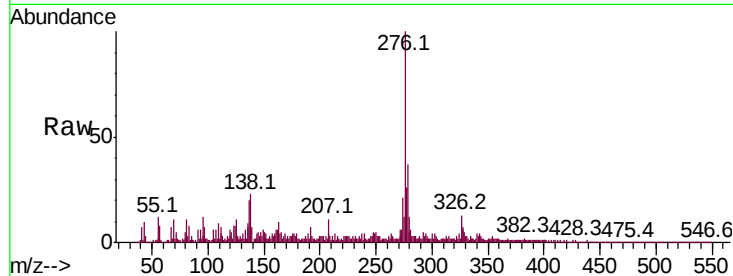




#93
Dibenzo(a,h)anthracene
Concen: 4.457 ng/ul
RT: 17.39 min Scan# 2601
Delta R.T. 0.11 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 175813
Ion Ratio Lower Upper
278 100
139 19.1 15.1 22.7
279 30.9 19.2 28.8#



#94
Benzo(g,h,i)perylene
Concen: 8.473 ng/ul
RT: 17.88 min Scan# 2685
Delta R.T. 0.16 min
Lab File: BP000226.D
Acq: 12 Sep 2019 20:09

Tgt Ion:276 Resp: 336413
Ion Ratio Lower Upper
276 100
138 23.7 20.0 30.0
277 24.8 19.1 28.7

