

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
 Data File : BP000222.D
 Acq On : 12 Sep 2019 18:32
 Operator : HP/JU
 Sample : K4634-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 01:50:08 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	330810	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1251238	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	660780	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1201453	20.00	ng/ul	0.00
78) Chrysene-d12	14.20	240	793903	20.00	ng/ul	0.05
86) Perylene-d12	15.72	264	767662	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	24719	2.65	ng/uL	0.00
5) Phenol-d5	6.51	99	468209	16.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	237798	16.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	389221	17.08	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	361448	17.08	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	182057	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	195956	21.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	343861	17.52	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	119815	4.94	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	930031	19.06	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1152109	19.11	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	137362	15.76	ng/ul	0.00
58) Fluorene-d10	10.47	176	778309	18.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	83026	15.03	ng/ul	0.02
71) Anthracene-d10	11.52	188	1092025	18.77	ng/ul	0.00
79) Pyrene-d10	12.92	212	1021144	21.63	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.72	264	767662	19.29	ng/ul	0.13

Target Compounds

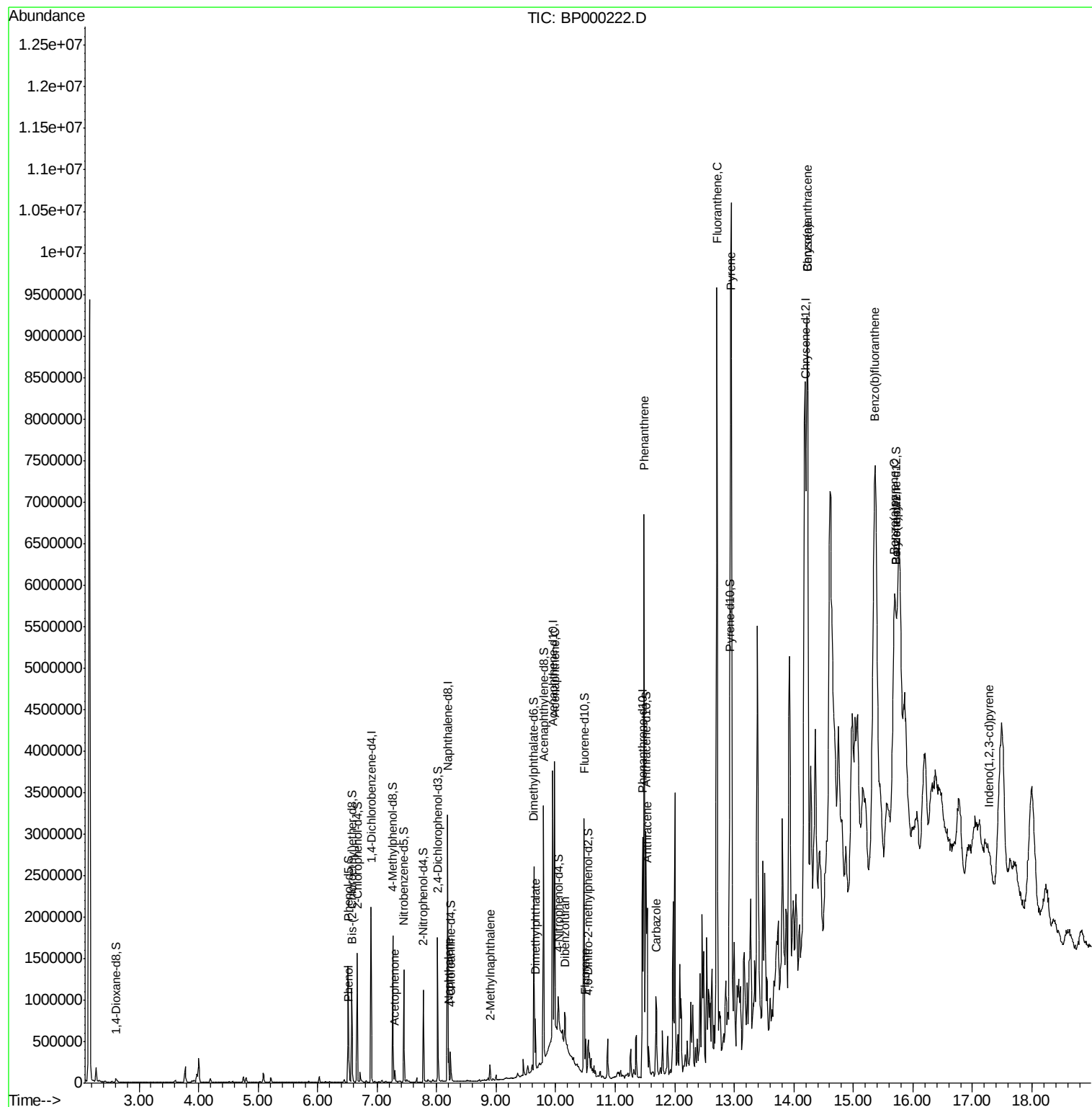
					Ovalue	
6) Phenol	6.53	94	83552	2.845	ng/ul	97
14) Acetophenone	7.29	105	38952	1.226	ng/ul	98
28) Naphthalene	8.20	128	162424	2.383	ng/ul	99
34) 2-Methylnaphthalene	8.90	142	49741	1.069	ng/ul	92
45) Dimethylphthalate	9.66	163	214508	4.357	ng/ul	99
50) Acenaphthene	9.98	153	793173	18.171	ng/ul	96
54) Dibenzofuran	10.15	168	108379	1.810	ng/ul	95
59) Fluorene	10.50	166	121279	2.618	ng/ul	97
70) Phenanthrene	11.49	178	2982960	41.984	ng/ul	100
72) Anthracene	11.53	178	767095	10.972	ng/ul	99
75) Carbazole	11.69	167	439892	7.359	ng/ul	98
77) Fluoranthene	12.71	202	5633101	78.606	ng/ul	98
80) Pyrene	12.95	202	6200643	103.522	ng/ul	93
83) Benzo(a)anthracene	14.22	228	5651128	98.335	ng/ul	93
85) Chrysene	14.22	228	5689259	107.884	ng/ul	97
88) Benzo(b)fluoranthene	15.36	252	8764109	172.254	ng/ul	97
91) Benzo(a)pyrene	15.69	252	4452736	93.277	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	17.28	276	592674	10.792	ng/ul#	72

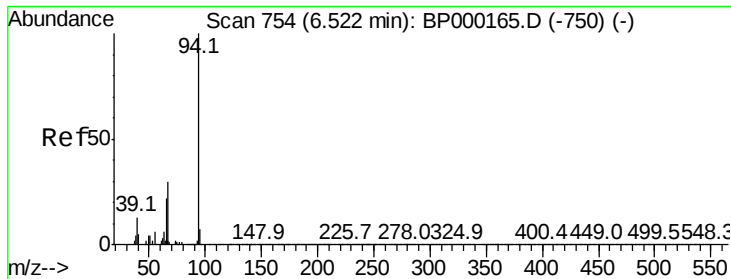
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :

Quant Time: Sep 13 01:50:08 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





#6

Phenol

Concen: 2.845 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Instrument :

BNA_P

ClientSampleId :

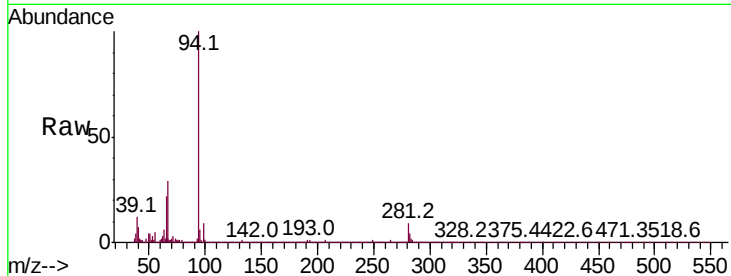
Tot Ion: 94 Resp: 83552

Ion Ratio Lower Upper

94 100

65 22.1 18.8 28.2

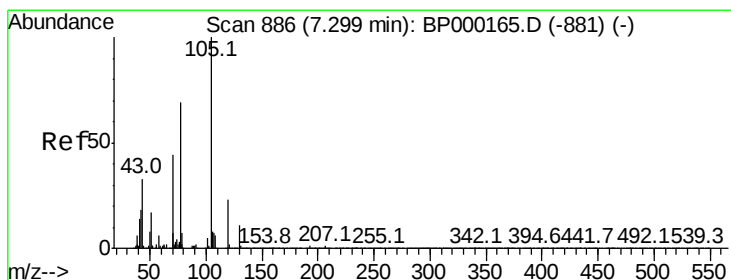
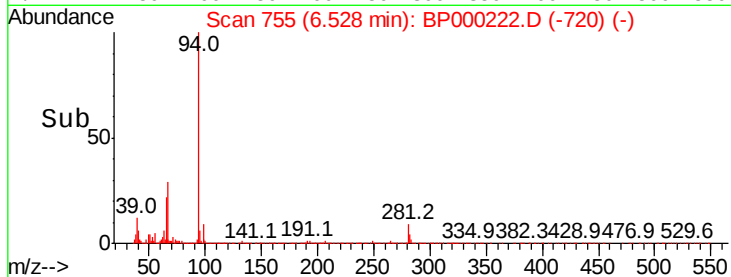
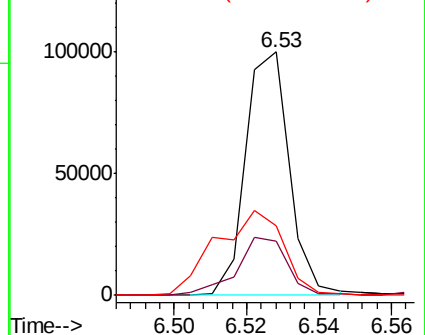
66 28.7 24.2 36.2



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



#14

Acetophenone

Concen: 1.226 ng/ul

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

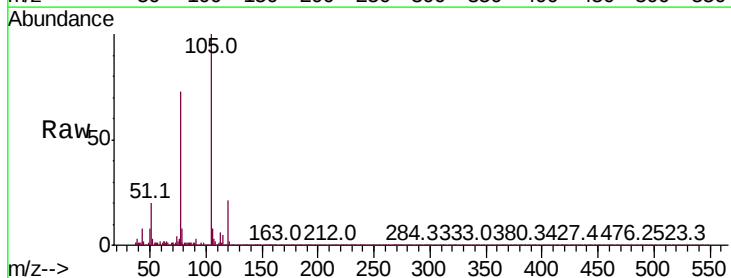
Tgt Ion: 105 Resp: 38952

Ion Ratio Lower Upper

105 100

77 72.6 57.2 85.8

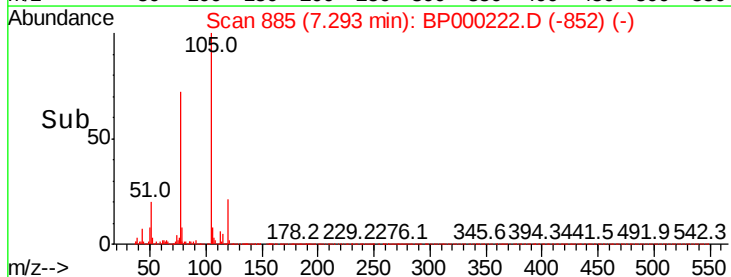
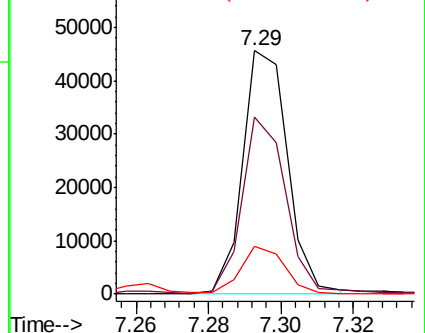
51 19.7 14.7 22.1

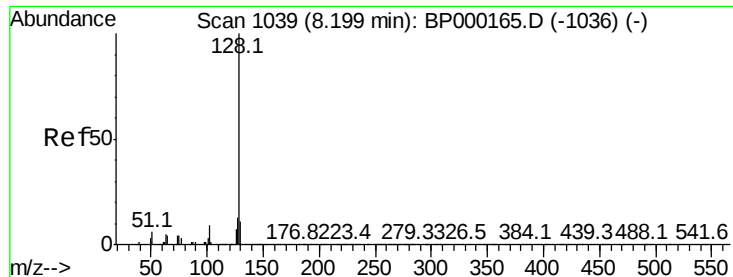


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

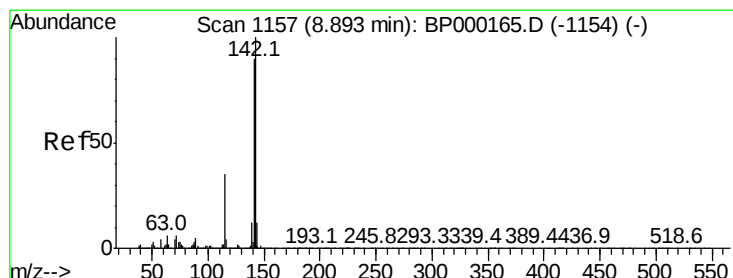
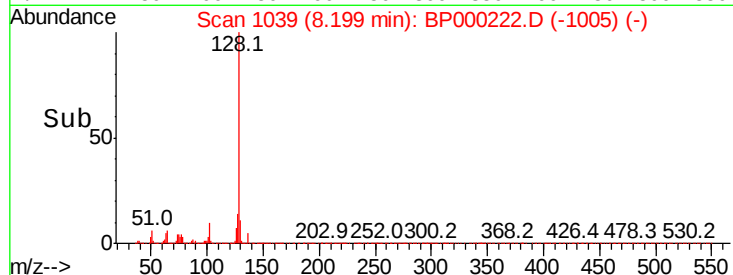
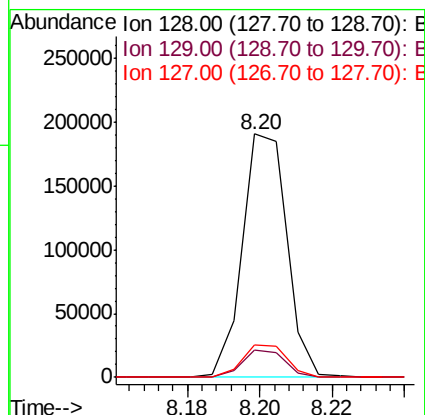
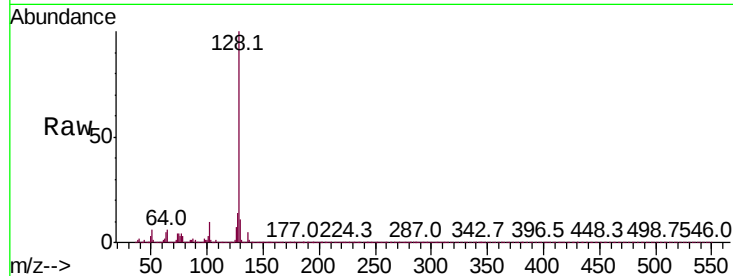




#28
Naphthalene
Concen: 2.383 ng/ul
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

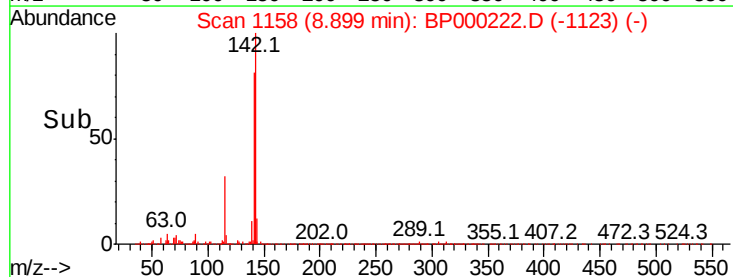
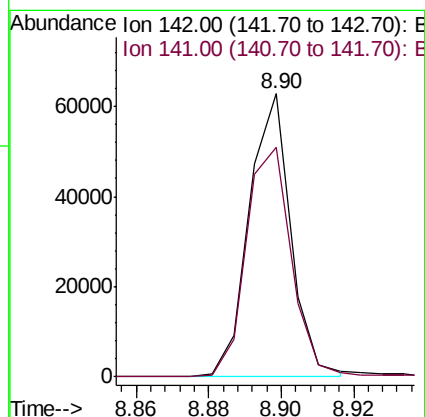
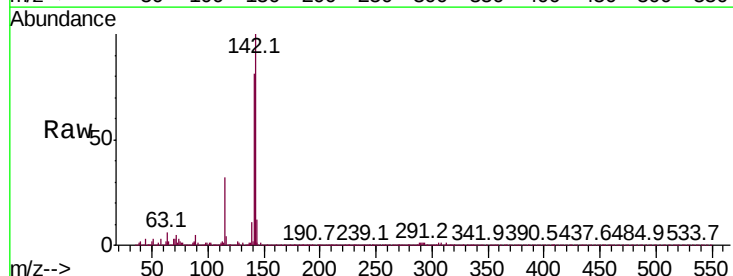
Instrument :
BNA_P
ClientSampled :

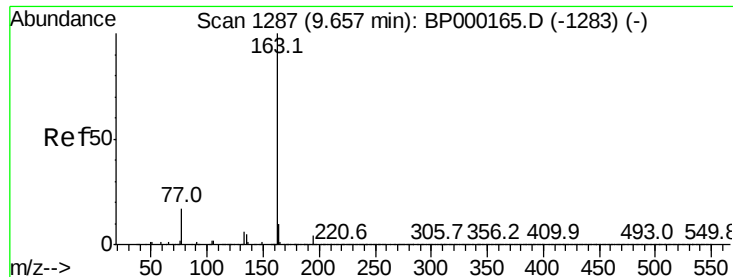
Tot Ion:128 Resp: 162424
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.5 10.7 16.1



#34
2-Methylnaphthalene
Concen: 1.069 ng/ul
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion:142 Resp: 49741
Ion Ratio Lower Upper
142 100
141 81.3 71.4 107.0

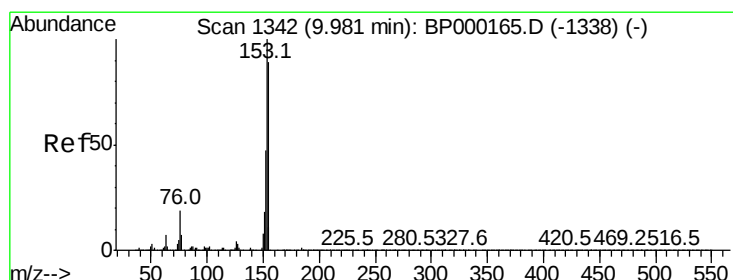
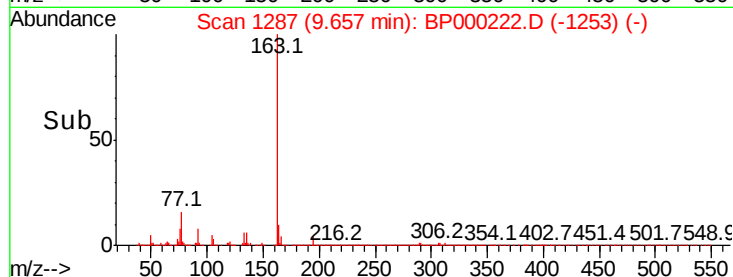
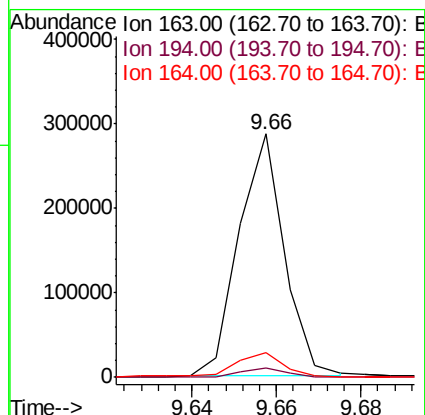
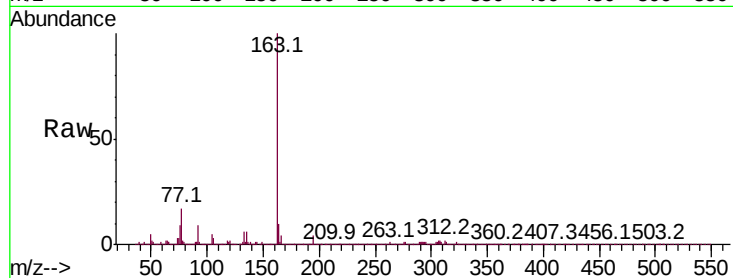




#45
Dimethylphthalate
Concen: 4.357 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

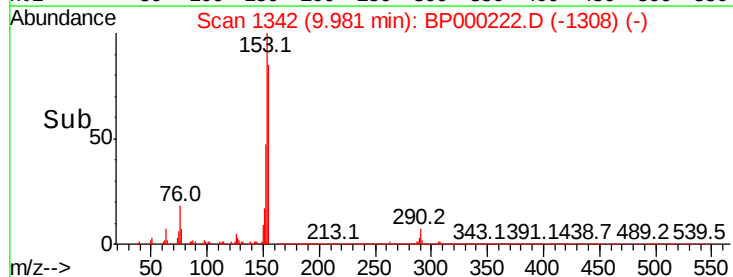
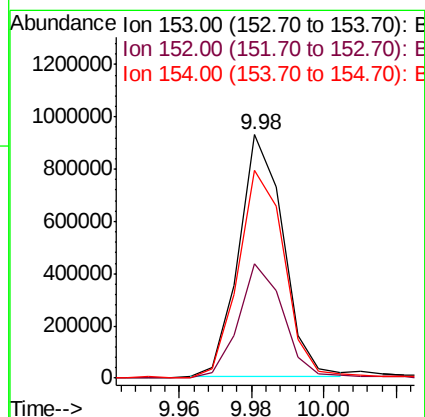
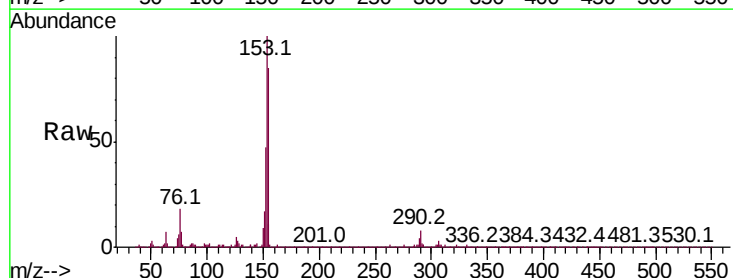
Instrument :
BNA_P
ClientSampleId :

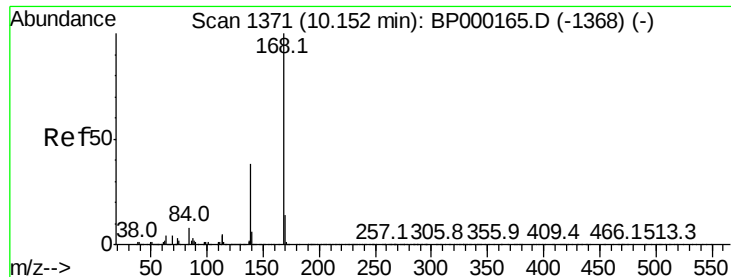
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.4	12.6



#50
Acenaphthene
Concen: 18.171 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.0	57.0
154	85.3	72.6	108.8





#54

Dibenzofuran

Concen: 1.810 ng/ul

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Instrument :

BNA_P

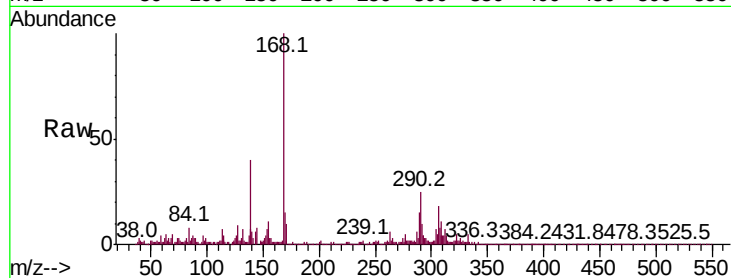
ClientSampleId :

Tot Ion:168 Resp: 108379

Ion Ratio Lower Upper

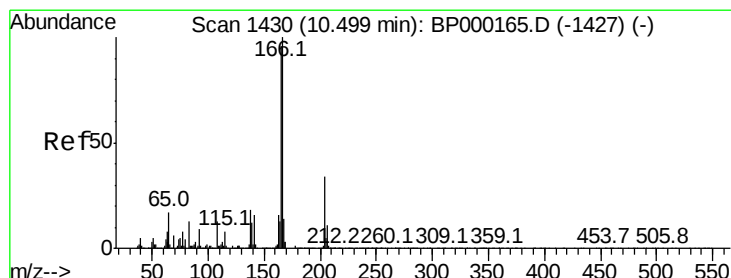
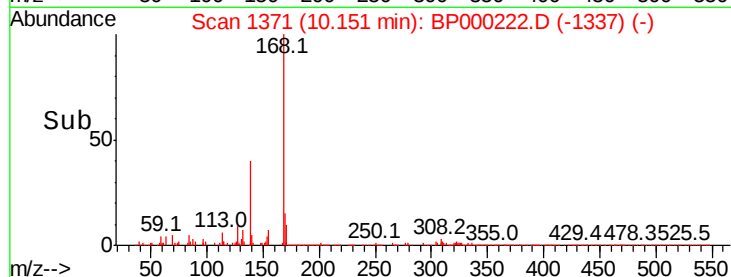
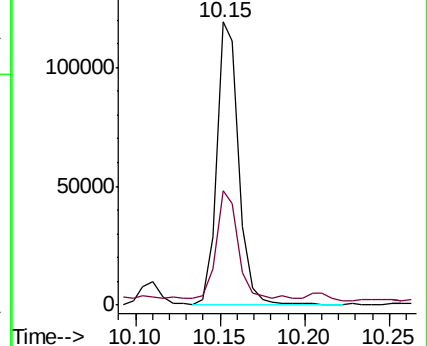
168 100

139 40.3 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: 2.618 ng/ul

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

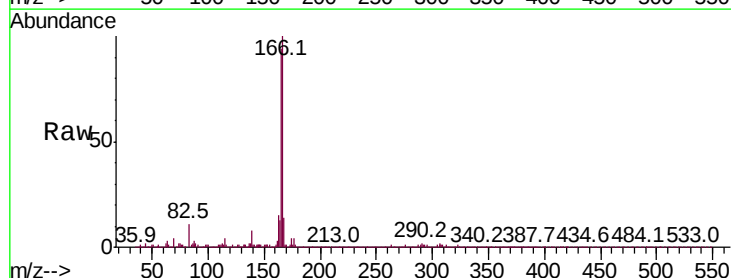
Tgt Ion:166 Resp: 121279

Ion Ratio Lower Upper

166 100

165 93.8 77.8 116.8

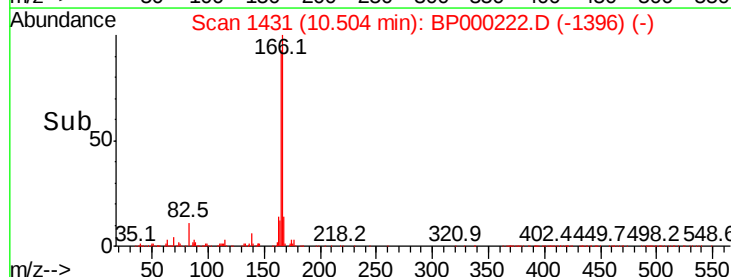
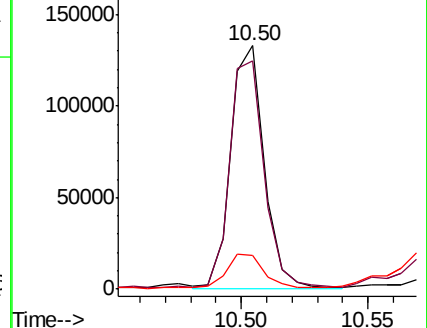
167 13.9 10.9 16.3

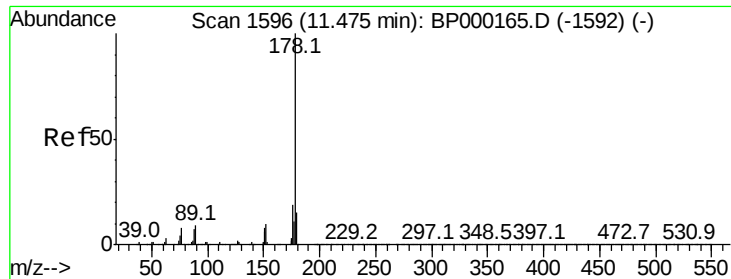


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 41.984 ng/ul

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

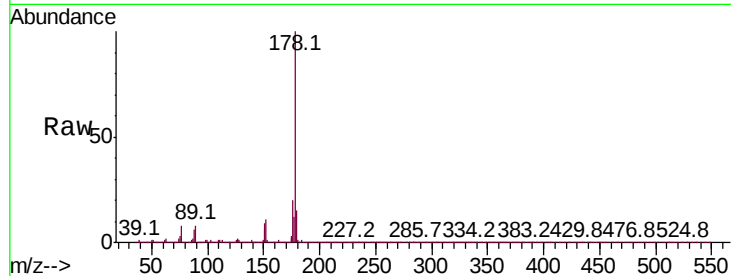
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 2982960

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.7	15.7	23.5

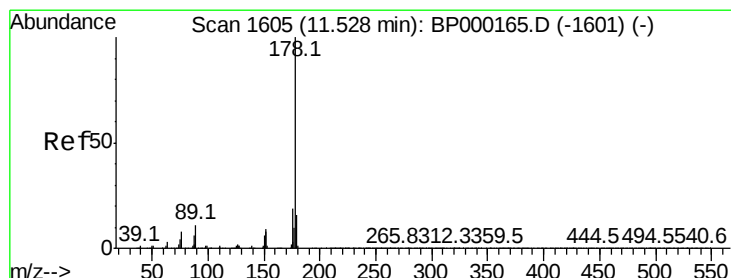
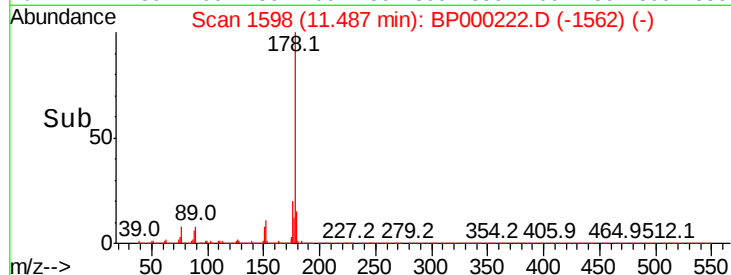
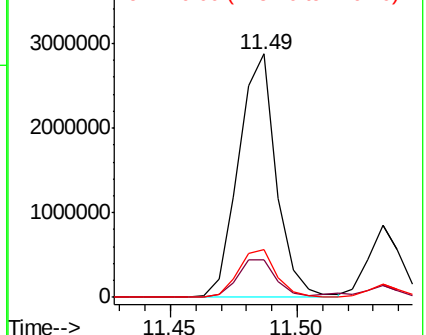


Abundance

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: 10.972 ng/ul

RT: 11.53 min Scan# 1606

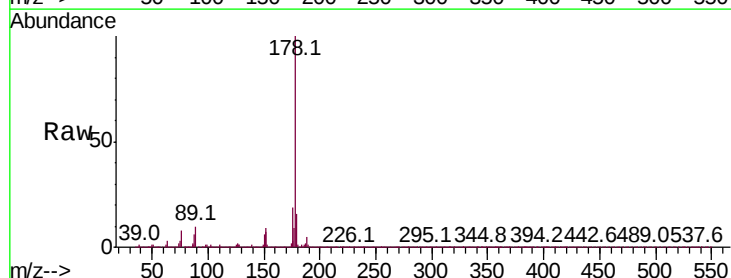
Delta R.T. 0.01 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Tgt Ion:178 Resp: 767095

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.8	15.1	22.7

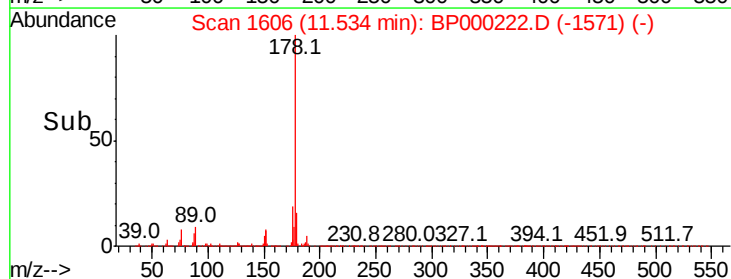
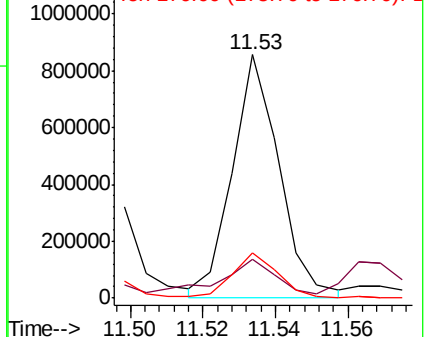


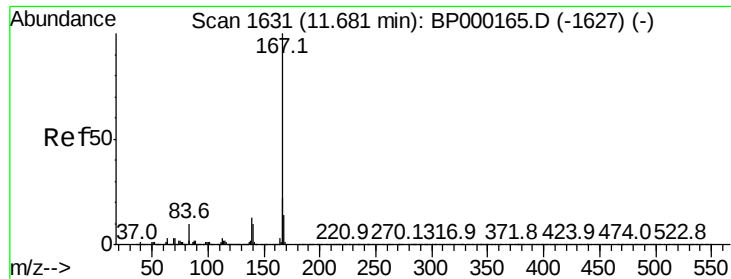
Abundance

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: 7.359 ng/ul

RT: 11.69 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Instrument :

BNA_P

ClientSampleId :

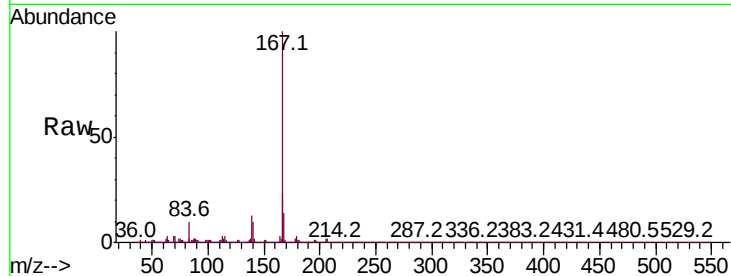
Tot Ion:167 Resp: 439892

Ion Ratio Lower Upper

167 100

166 23.2 17.3 25.9

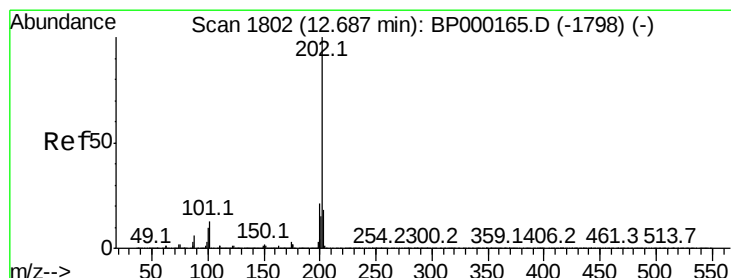
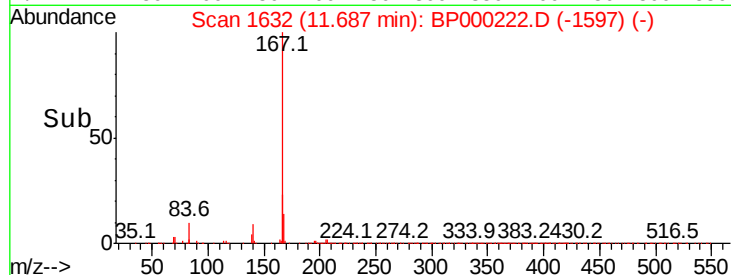
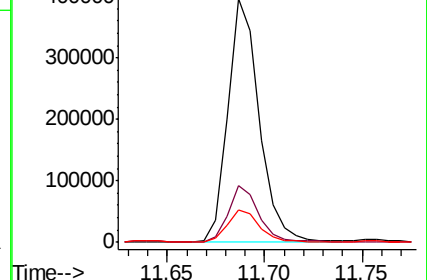
139 13.2 10.6 15.8



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: 78.606 ng/ul

RT: 12.71 min Scan# 1806

Delta R.T. 0.02 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

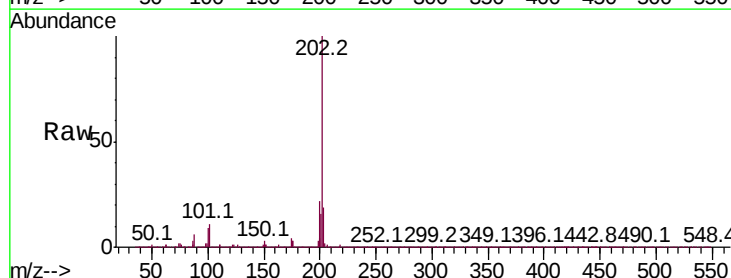
Tgt Ion:202 Resp: 5633101

Ion Ratio Lower Upper

202 100

101 11.3 10.0 15.0

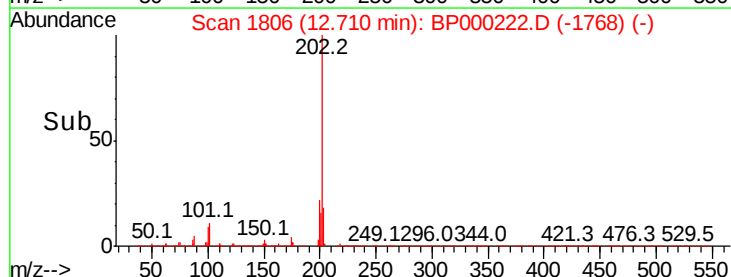
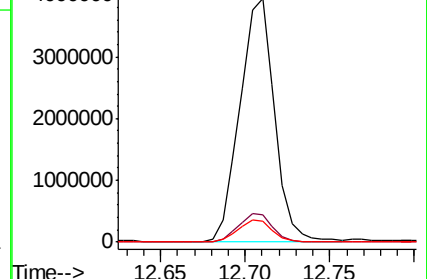
100 8.8 7.4 11.2

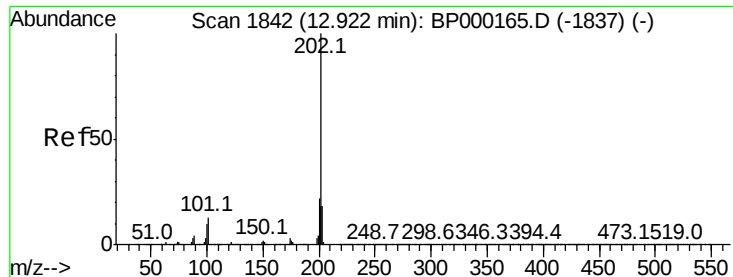


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

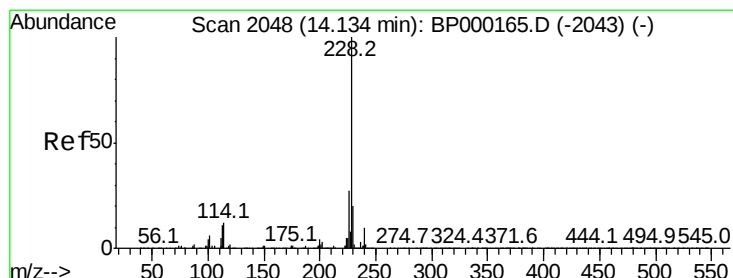
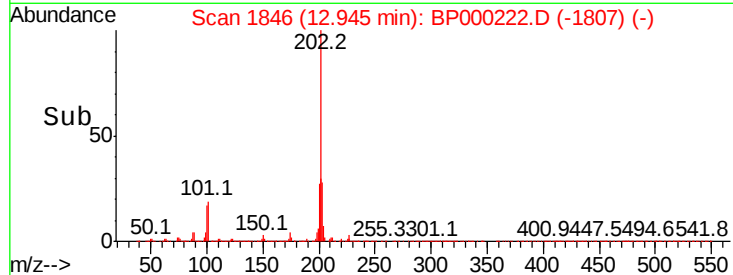
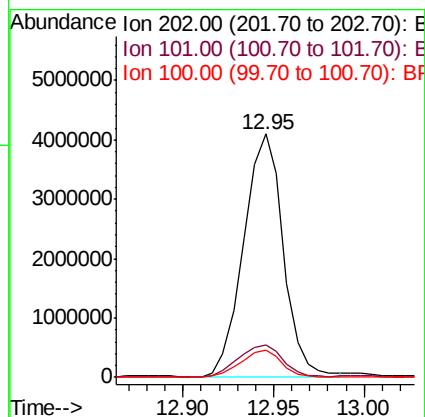
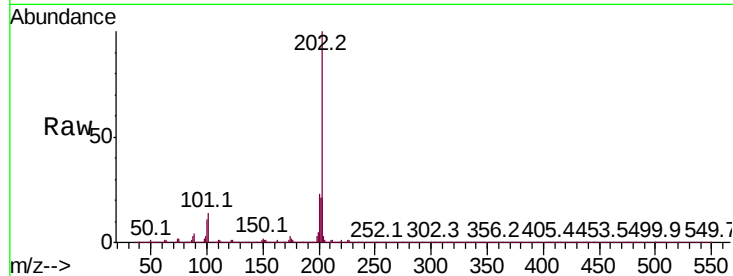




#80
Pvrene
Concen: 103.522 ng/ul
RT: 12.95 min Scan# 1846
Delta R.T. 0.03 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

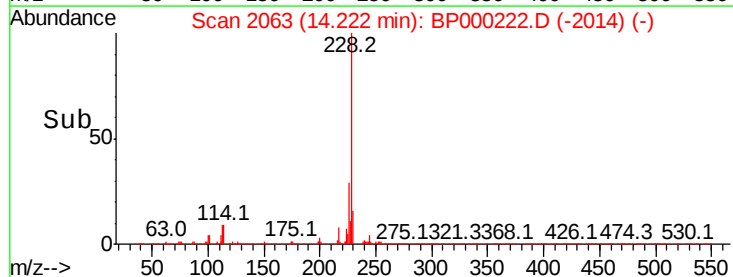
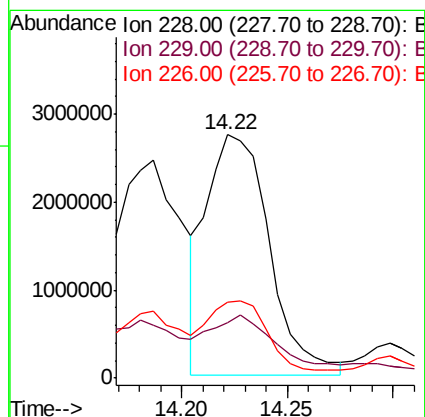
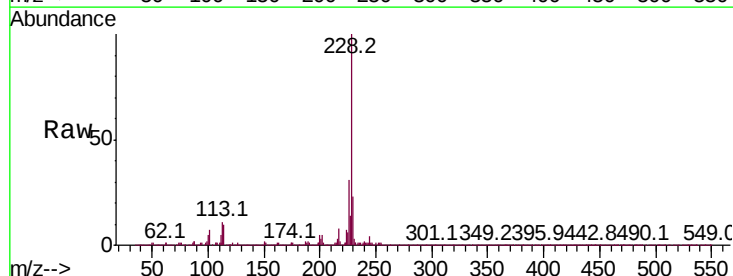
Instrument :
BNA_P
ClientSampled :

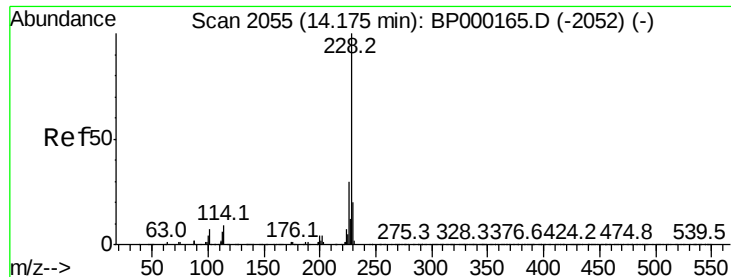
Tot Ion:202 Resp: 6200643
Ion Ratio Lower Upper
202 100
101 13.5 13.4 20.0
100 11.2 10.8 16.2



#83
Benzo(a)anthracene
Concen: 98.335 ng/ul
RT: 14.22 min Scan# 2063
Delta R.T. 0.09 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion:228 Resp: 5651128
Ion Ratio Lower Upper
228 100
229 22.8 15.9 23.9
226 31.1 22.1 33.1





#85

Chrysene

Concen: 107.884 ng/ul

RT: 14.22 min Scan# 2063

Delta R.T. 0.05 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Instrument :

BNA_P

ClientSampleId :

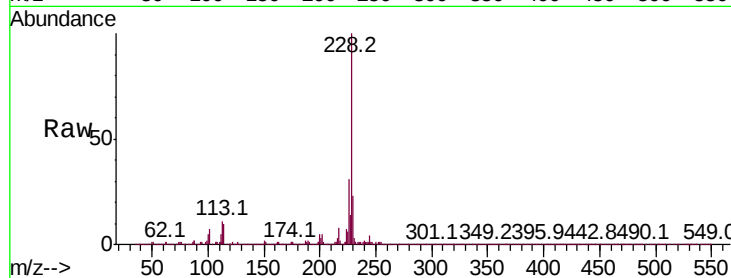
Tot Ion:228 Resp: 5689259

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.8	16.0	24.0

228 100

226 31.1 24.4 36.6

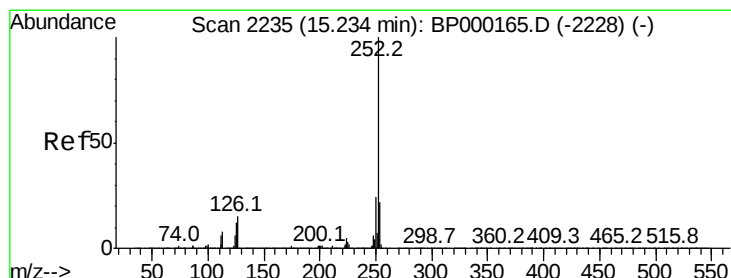
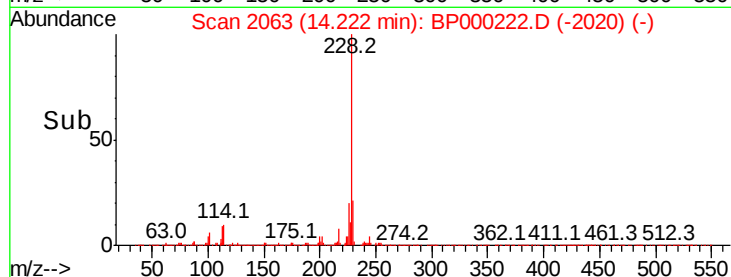
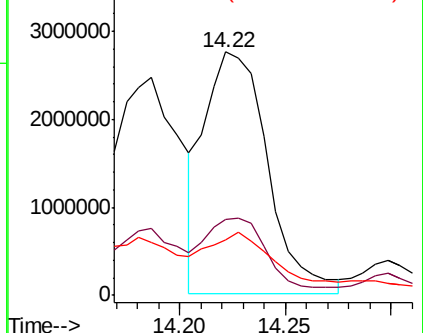
229 22.8 16.0 24.0



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: 172.254 ng/ul

RT: 15.36 min Scan# 2257

Delta R.T. 0.14 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

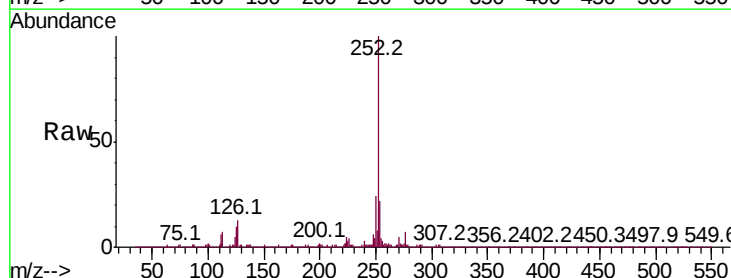
Tgt Ion:252 Resp: 8764109

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.0	9.9	14.9

252 100

253 21.6 17.5 26.3

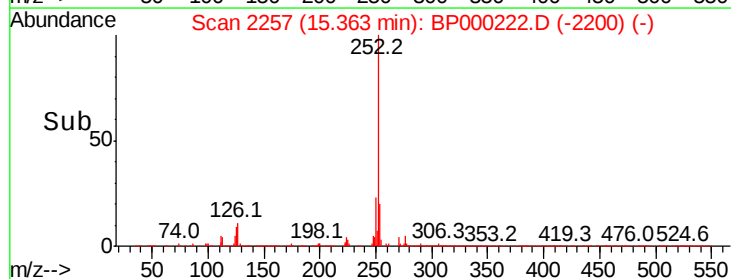
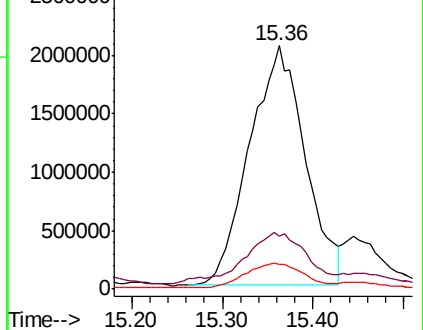
125 10.0 9.9 14.9

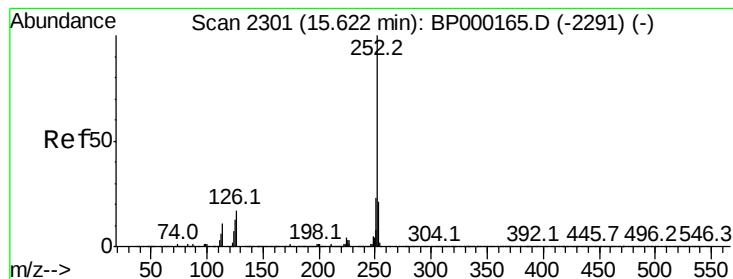


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 93.277 ng/ul

RT: 15.69 min Scan# 2312

Delta R.T. 0.07 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Instrument :

BNA_P

ClientSampleId :

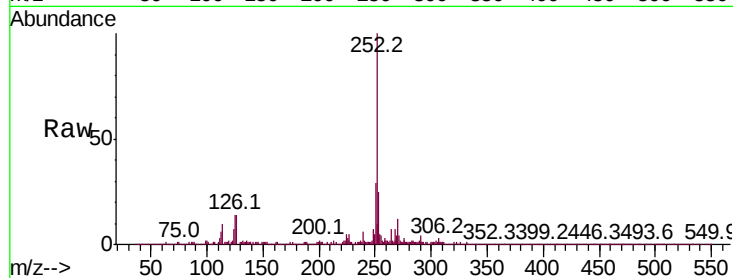
Tot Ion:252 Resp: 4452736

Ion Ratio Lower Upper

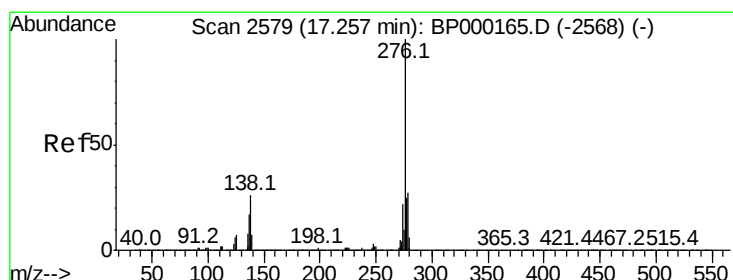
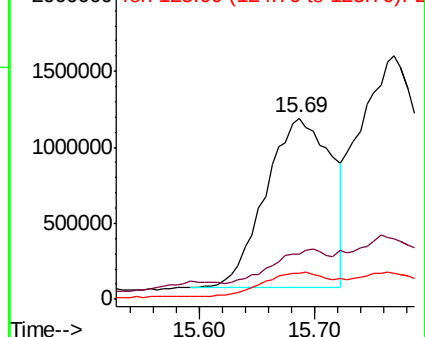
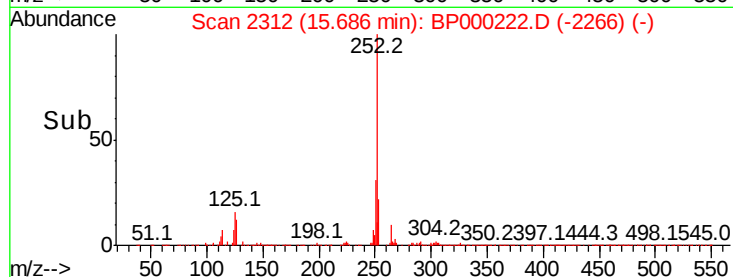
252 100

253 25.0 17.5 26.3

125 14.4 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



#92

Indeno(1,2,3-cd)pyrene

Concen: 10.792 ng/ul

RT: 17.28 min Scan# 2583

Delta R.T. 0.03 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

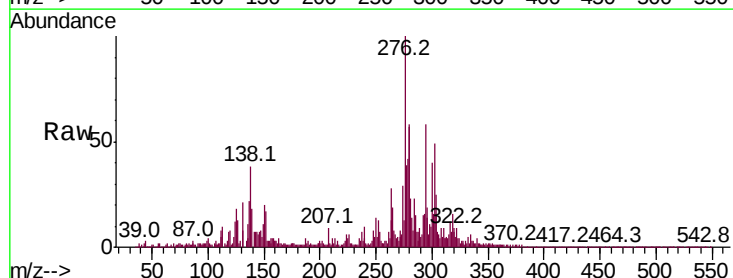
Tgt Ion:276 Resp: 592674

Ion Ratio Lower Upper

276 100

138 38.4 20.0 30.0#

277 38.6 19.4 29.0#



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

