

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000130.D
 Acq On : 09 Sep 2019 13:54
 Operator : HP/JU
 Sample : K4708-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 10 03:35:17 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	6.89	152	437296	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1757645	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	954155	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1792575	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1364929	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1422797	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	61462	4.98	ng/uL	0.00
5) Phenol-d5	6.51	99	1029617	27.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	535220	27.48	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	834224	27.69	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	718440	25.68	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	388660	29.12	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	399732	30.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	726888	26.36	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	934453	27.40	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	2039659	28.95	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2443580	28.06	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	342619	27.22	ng/ul	0.00
58) Fluorene-d10	10.47	176	1707209	28.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	200296	24.31	ng/ul	0.00
71) Anthracene-d10	11.51	188	2364198	27.23	ng/ul	0.00
79) Pyrene-d10	12.90	212	2510365	30.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	2203796	29.88	ng/ul	0.00

Target Compounds

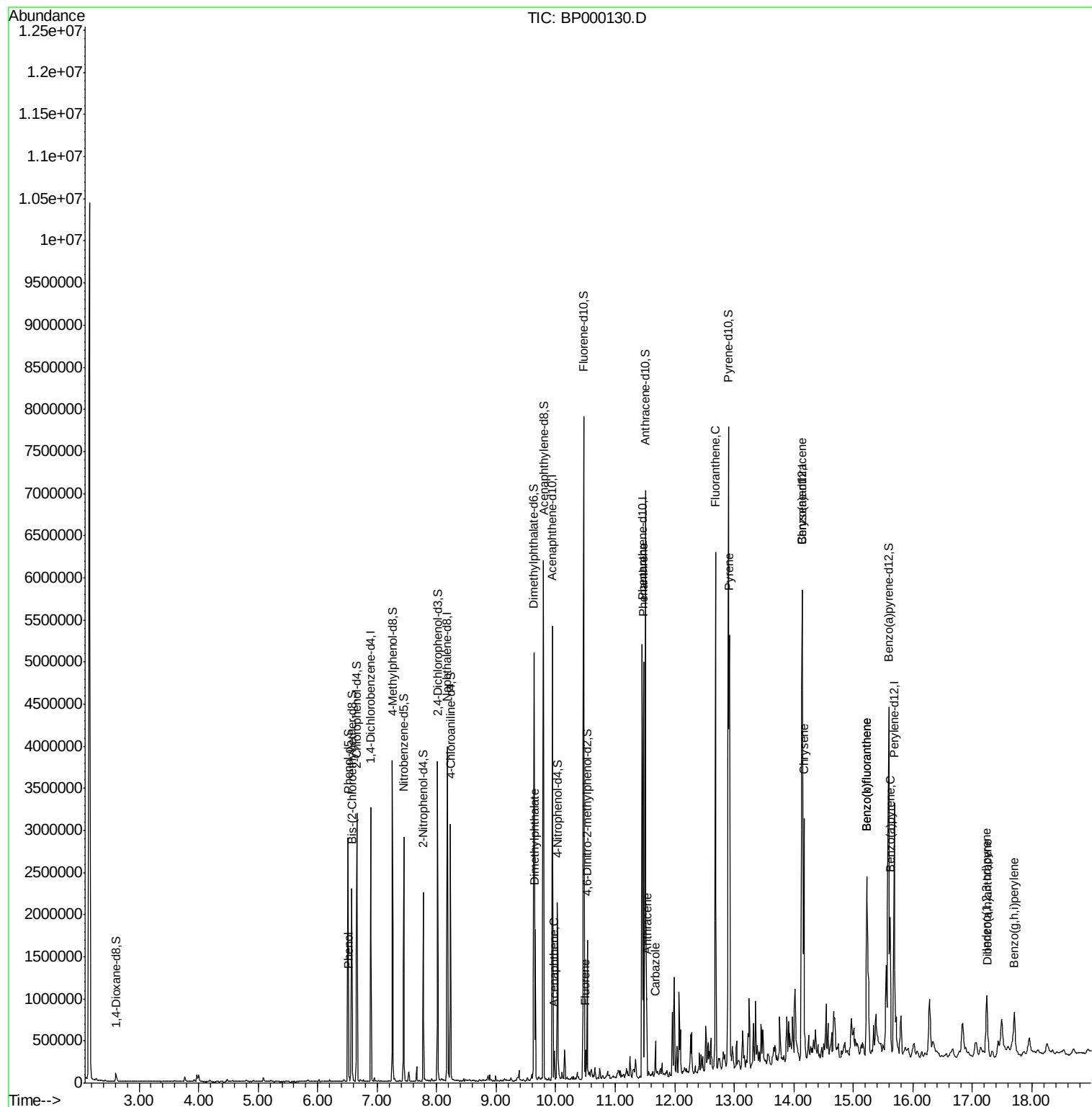
					Ovalue
6) Phenol	6.52	94	75739	1.951	ng/ul 97
45) Dimethylphthalate	9.66	163	723083	10.171	ng/ul 98
50) Acenaphthene	9.97	153	79472	1.261	ng/ul 97
59) Fluorene	10.50	166	80873	1.209	ng/ul 97
70) Phenanthrene	11.47	178	1677317	15.823	ng/ul 100
72) Anthracene	11.53	178	323427	3.101	ng/ul 99
75) Carbazole	11.67	167	161914	1.815	ng/ul 99
77) Fluoranthene	12.69	202	2339938	21.885	ng/ul 100
80) Pyrene	12.92	202	2024132	19.656	ng/ul 95
83) Benzo(a)anthracene	14.13	228	1117791	11.313	ng/ul 99
85) Chrysene	14.17	228	1078016	11.890	ng/ul 99
88) Benzo(b)fluoranthene	15.23	252	1231009	13.054	ng/ul 99
89) Benzo(k)fluoranthene	15.23	252	1231009	13.849	ng/ul 99
91) Benzo(a)pyrene	15.62	252	800905	9.052	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	17.24	276	520179	5.111	ng/ul 98
93) Dibenzo(a,h)anthracene	17.26	278	138499	1.643	ng/ul 97
94) Benzo(g,h,i)perylene	17.70	276	402255	4.740	ng/ul 98

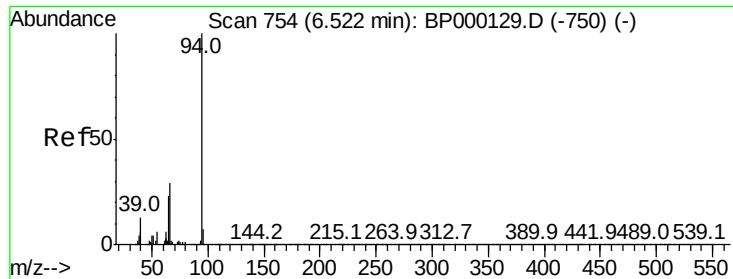
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.951 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

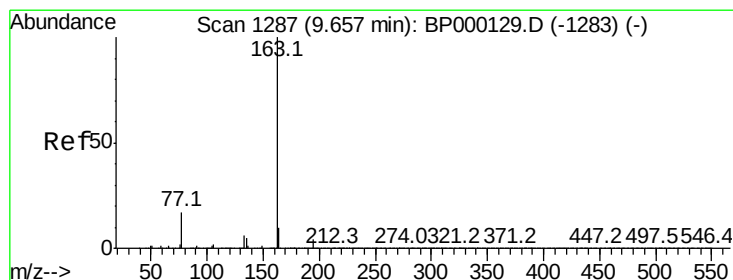
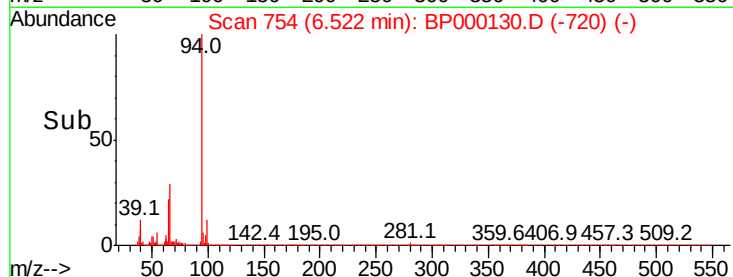
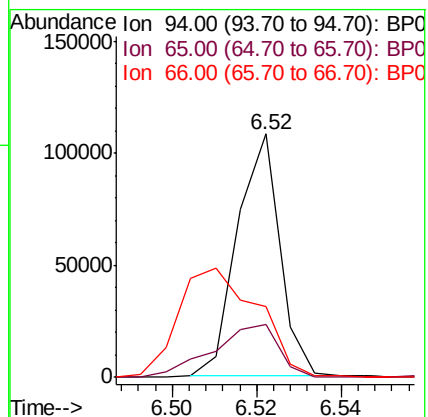
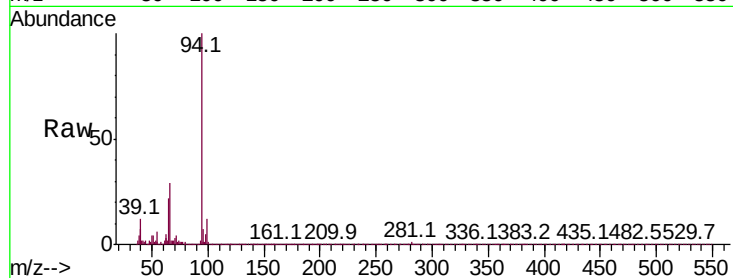
Instrument :

BNA_P

ClientSampled :

Tot Ion: 94 Resp: 75739

Ion	Ratio	Lower	Upper
94	100		
65	21.6	18.8	28.2
66	29.1	24.2	36.2



#45

Dimethylphthalate

Concen: 10.171 ng/ul

RT: 9.66 min Scan# 1287

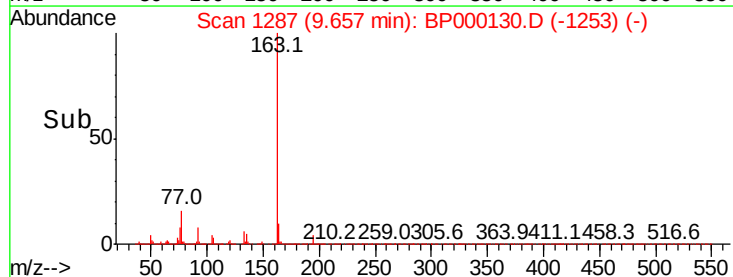
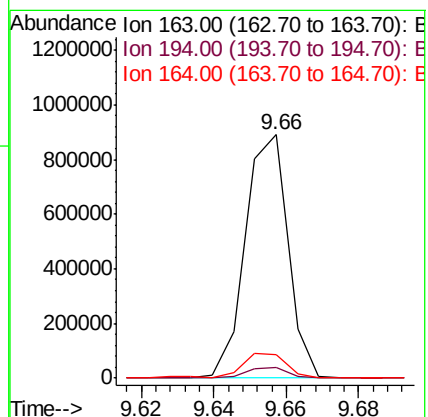
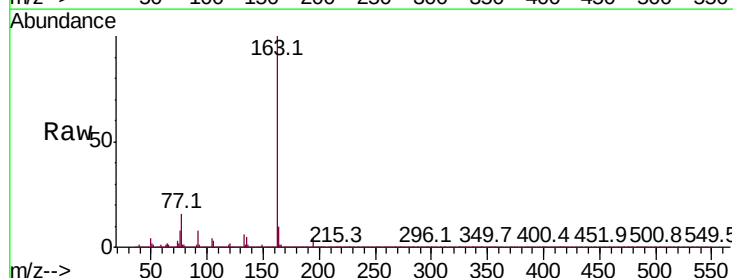
Delta R.T. -0.00 min

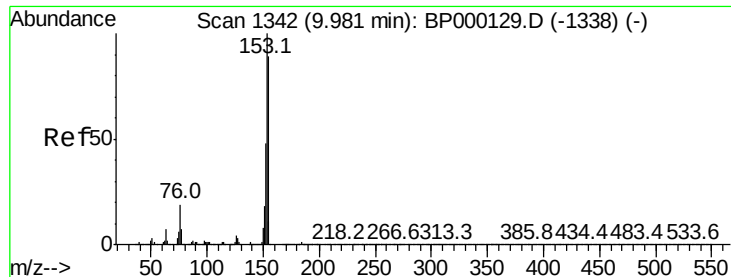
Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

Tgt Ion: 163 Resp: 723083

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.7	8.4	12.6





#50

Acenaphthene

Concen: 1.261 ng/ul

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

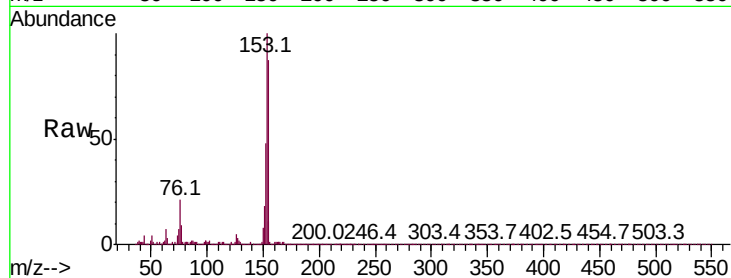
Tot Ion:153 Resp: 79472

Ion Ratio Lower Upper

153 100

152 48.2 38.0 57.0

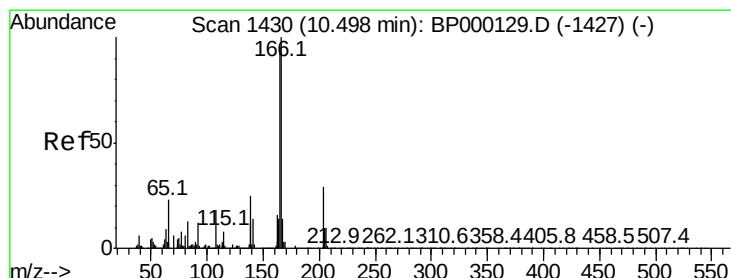
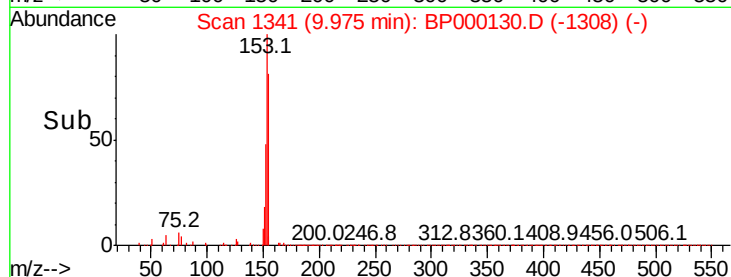
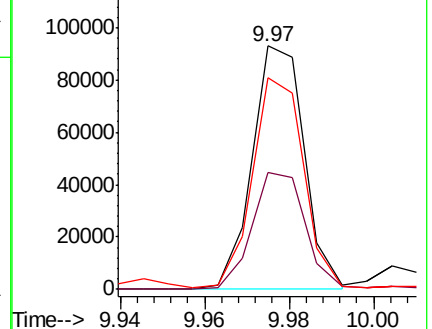
154 87.2 72.6 108.8



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



#59

Fluorene

Concen: 1.209 ng/ul

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

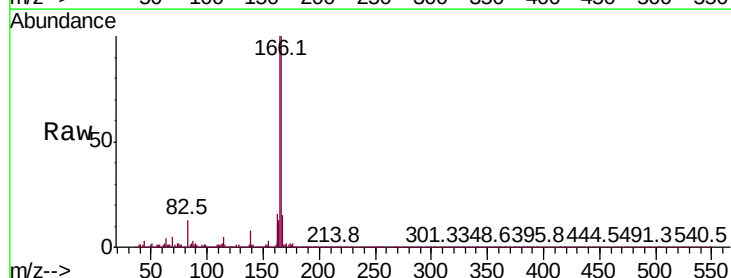
Tgt Ion:166 Resp: 80873

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

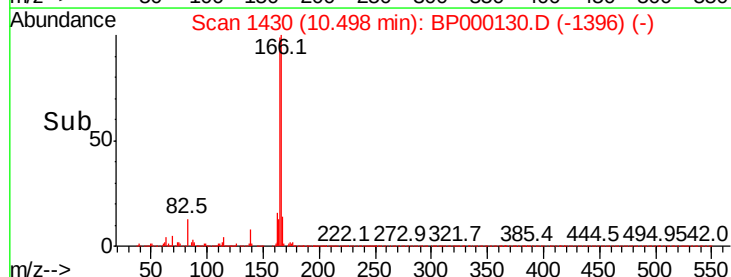
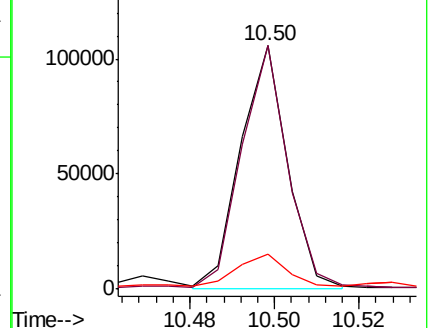
167 14.5 10.9 16.3

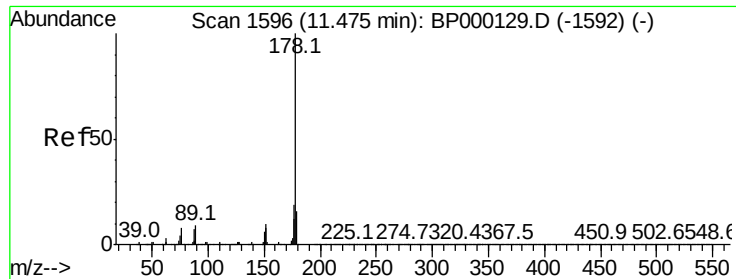


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 15.823 ng/ul

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

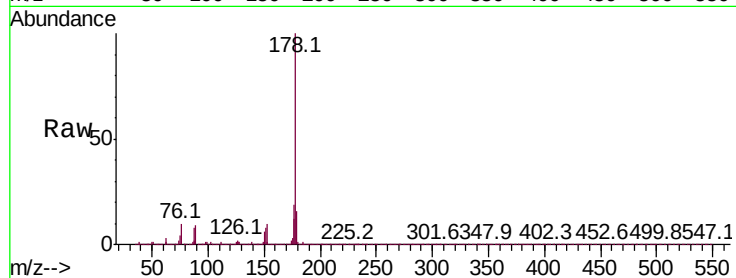
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1677317

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.5	15.7	23.5

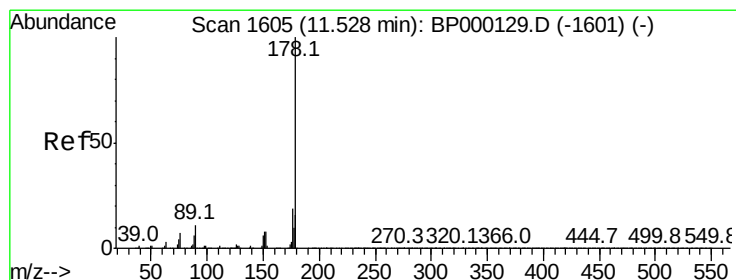
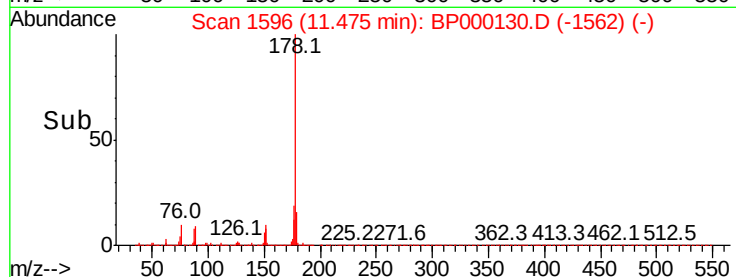
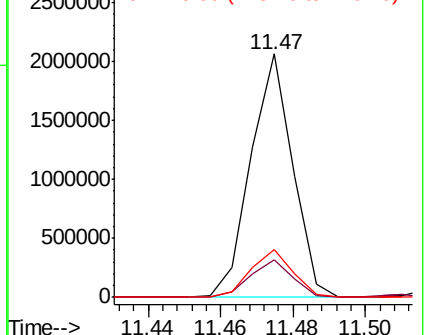


Abundance

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: 3.101 ng/ul

RT: 11.53 min Scan# 1605

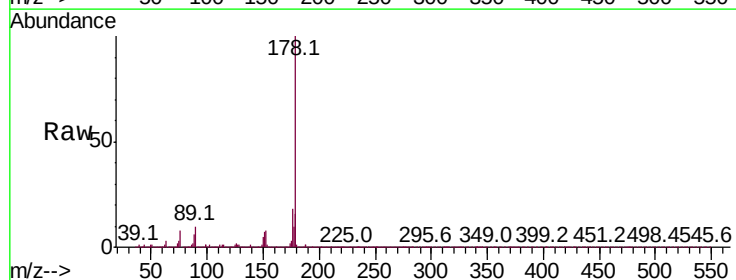
Delta R.T. -0.00 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

Tgt Ion:178 Resp: 323427

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.5	15.1	22.7

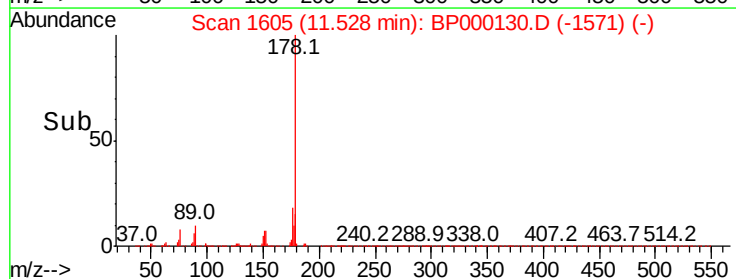
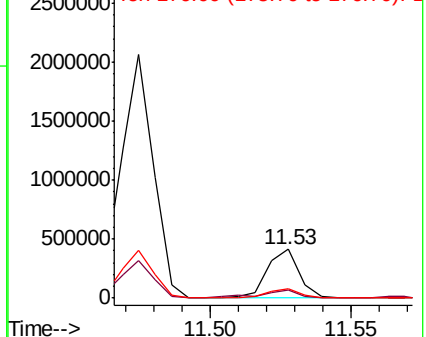


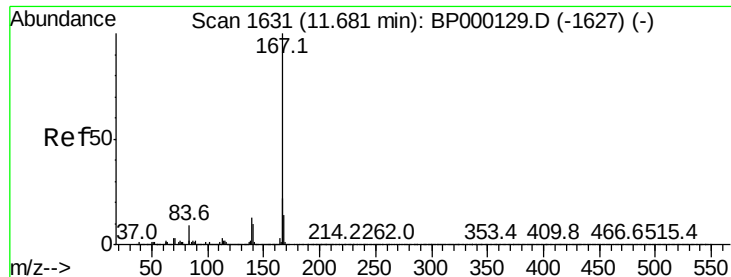
Abundance

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: 1.815 ng/ul

RT: 11.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

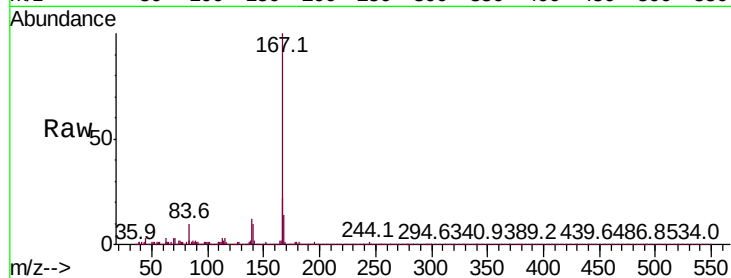
Instrument :

BNA_P

ClientSampleId :

Tot Ion:167 Resp: 161914

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	12.3	10.6	15.8

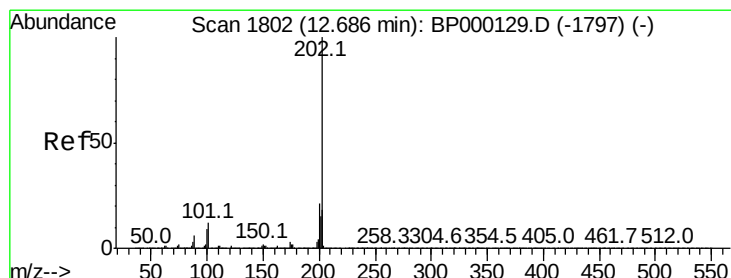
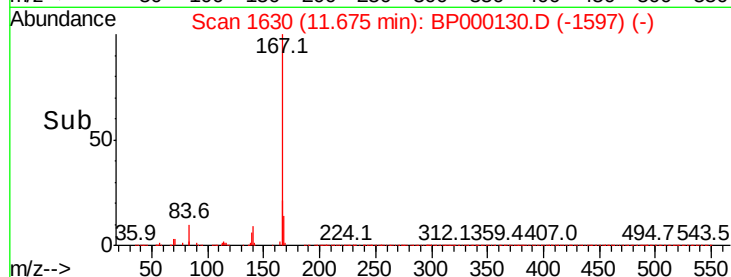
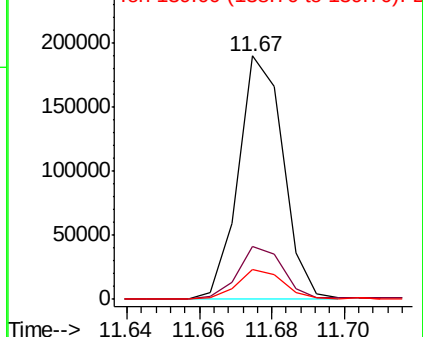


Abundance

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: 21.885 ng/ul

RT: 12.69 min Scan# 1802

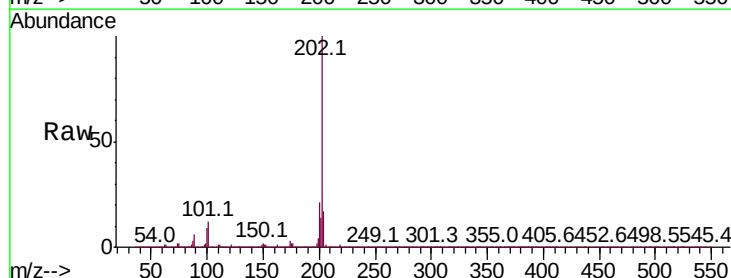
Delta R.T. -0.00 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

Tgt Ion:202 Resp: 2339938

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.0	15.0
100	9.4	7.4	11.2

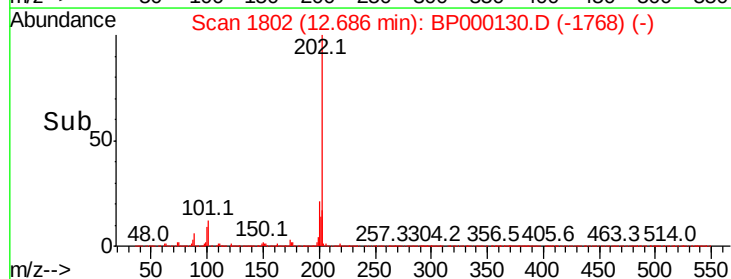
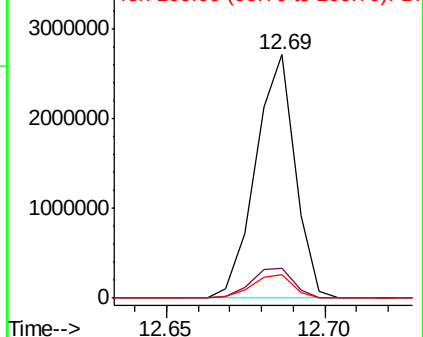


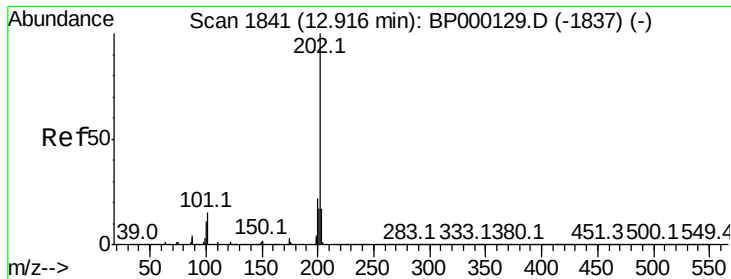
Abundance

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

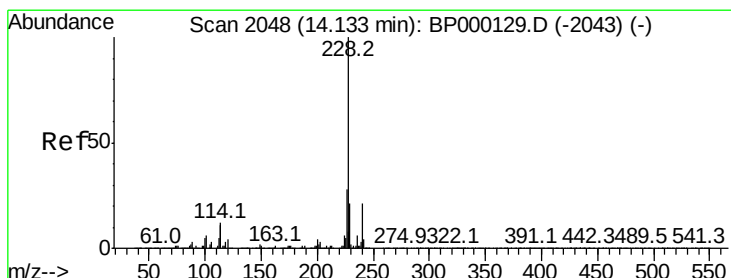
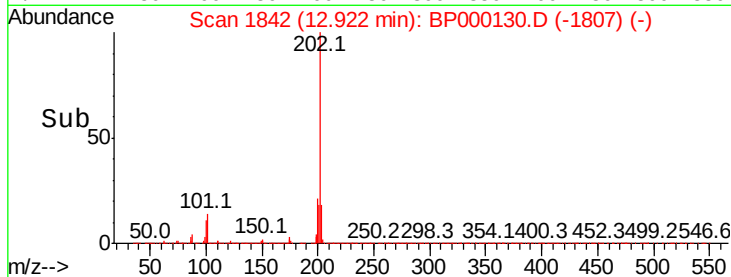
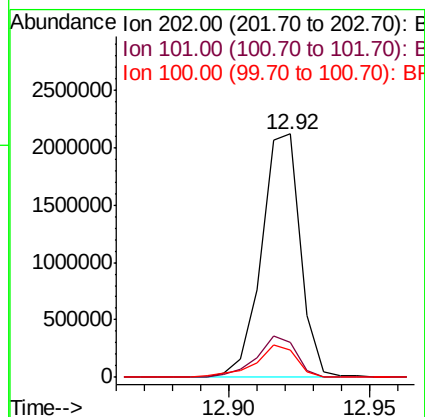
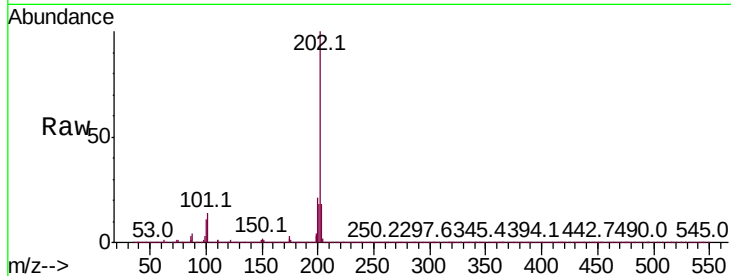




#80
Pvrene
Concen: 19.656 ng/ul
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000130.D
Acq: 09 Sep 2019 13:54

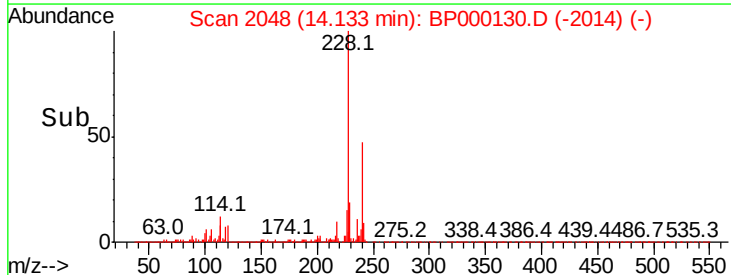
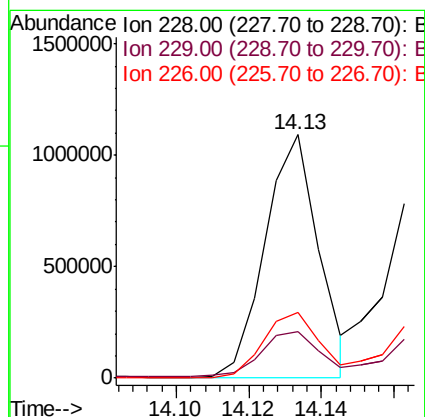
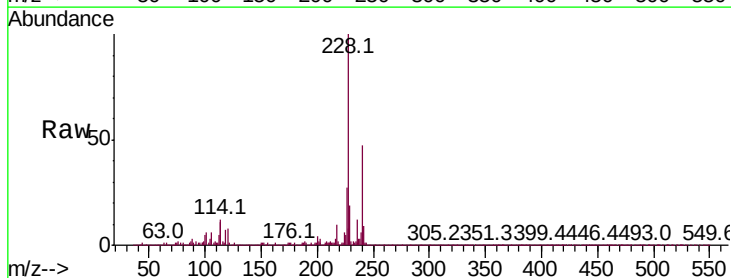
Instrument :
BNA_P
ClientSampleId :

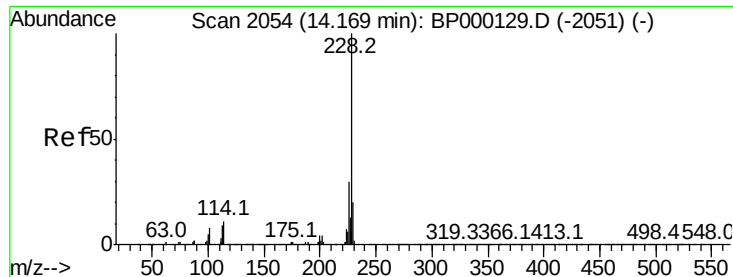
Tot Ion:202 Resp: 2024132
Ion Ratio Lower Upper
202 100
101 14.3 13.4 20.0
100 11.4 10.8 16.2



#83
Benzo(a)anthracene
Concen: 11.313 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BP000130.D
Acq: 09 Sep 2019 13:54

Tgt Ion:228 Resp: 1117791
Ion Ratio Lower Upper
228 100
229 19.2 15.9 23.9
226 27.2 22.1 33.1





#85

Chrysene

Concen: 11.890 ng/ul

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

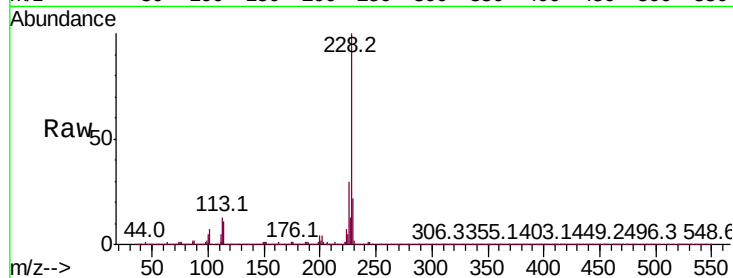
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 1078016

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	21.6	16.0	24.0

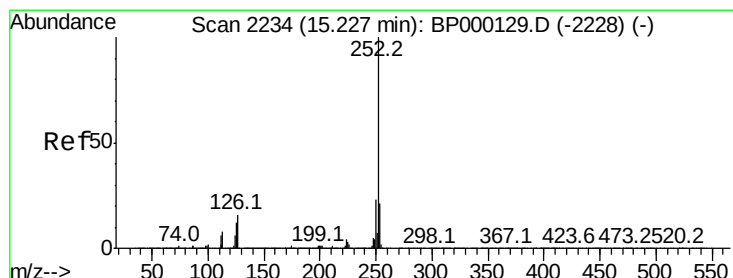
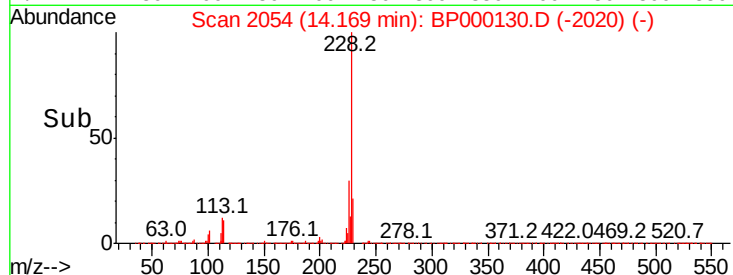
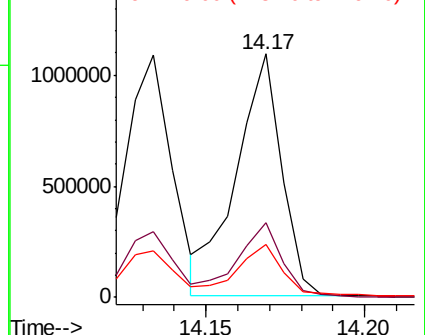


Abundance

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: 13.054 ng/ul

RT: 15.23 min Scan# 2234

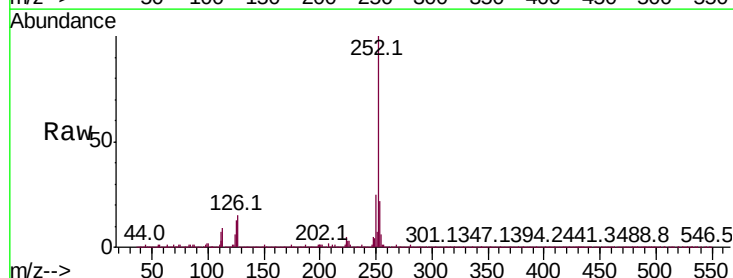
Delta R.T. -0.00 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

Tgt Ion:252 Resp: 1231009

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.0	9.9	14.9

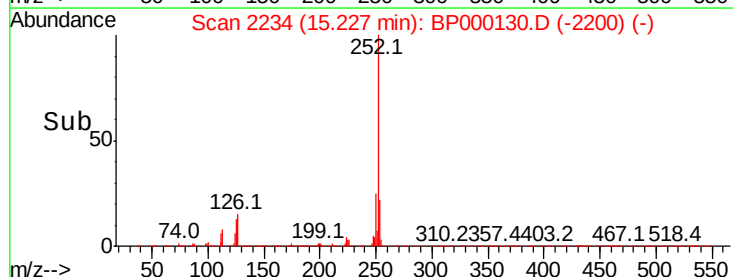
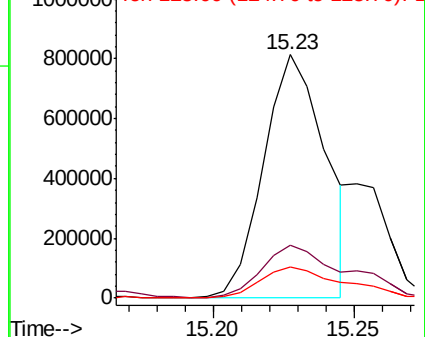


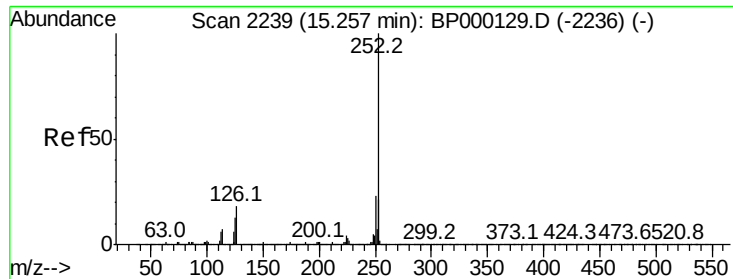
Abundance

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

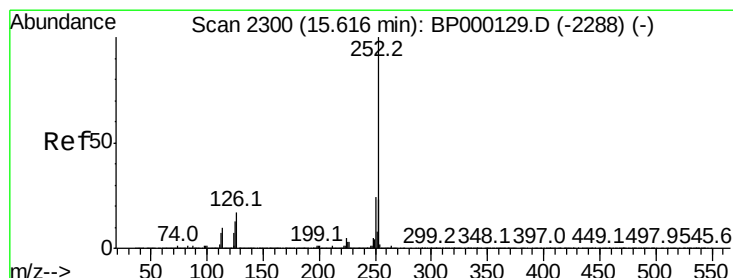
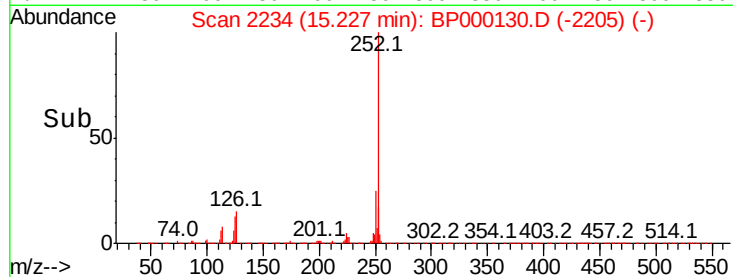
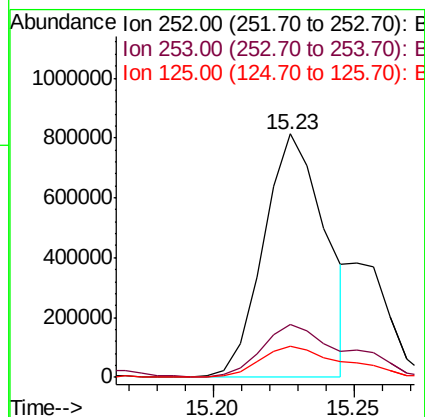
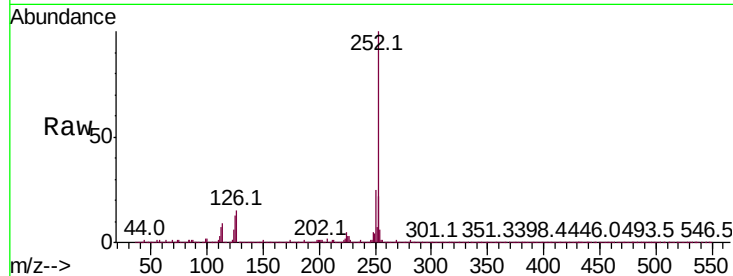




#89
Benzo(k)fluoranthene
Concen: 13.849 ng/ul
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BP000130.D
Acq: 09 Sep 2019 13:54

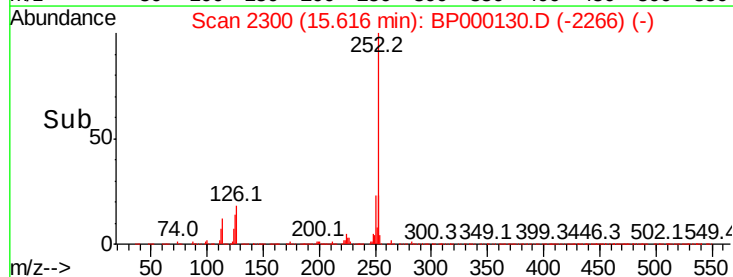
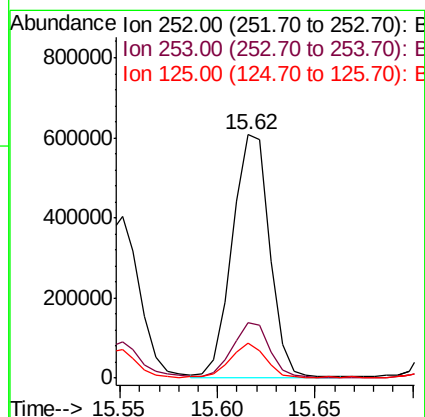
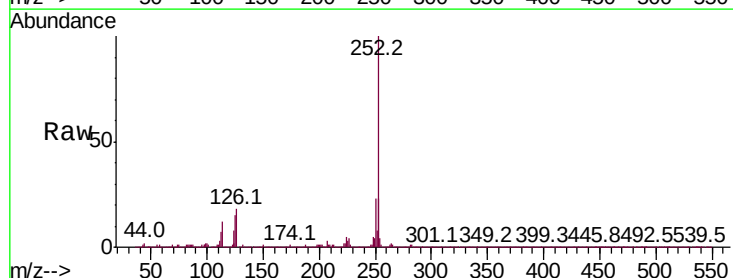
Instrument :
BNA_P
ClientSampleId :

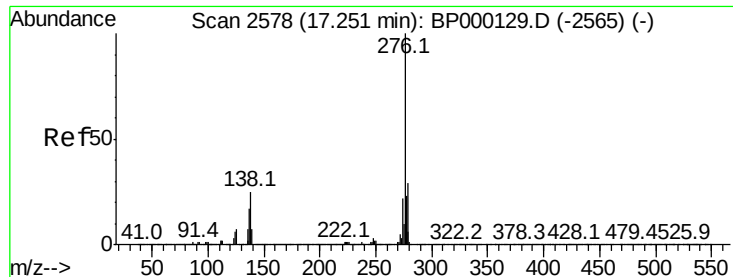
Tot Ion:252 Resp: 1231009
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 13.0 10.2 15.2



#91
Benzo(a)pyrene
Concen: 9.052 ng/ul
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BP000130.D
Acq: 09 Sep 2019 13:54

Tgt Ion:252 Resp: 800905
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 14.5 10.2 15.2



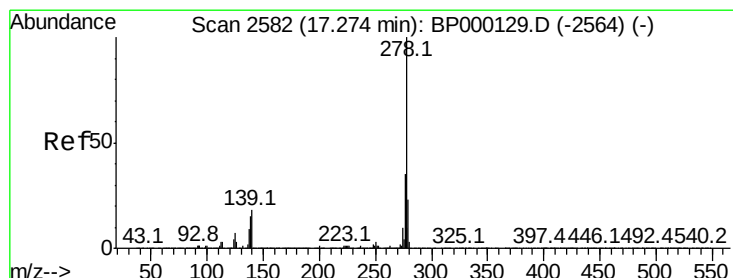
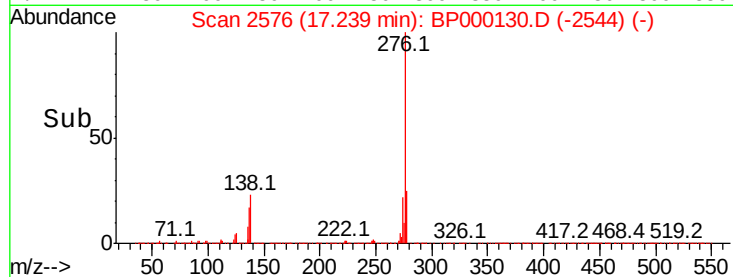
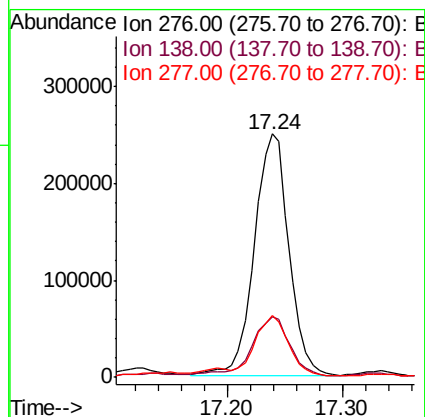
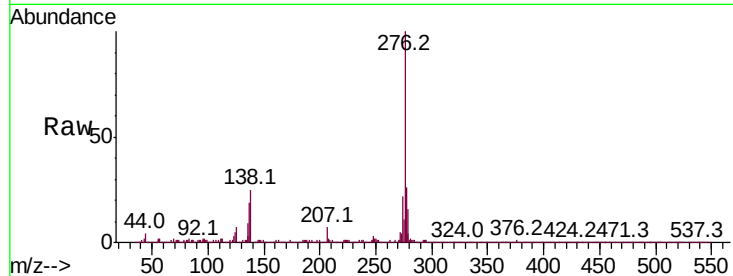


#92

Indeno(1,2,3-cd)pyrene
Concen: 5.111 ng/ul
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BP000130.D
Acq: 09 Sep 2019 13:54

Instrument :
BNA_P
ClientSampleId :

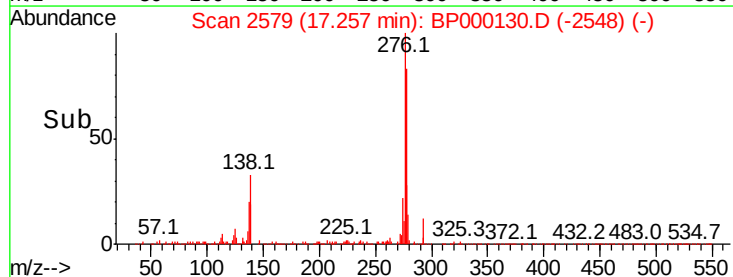
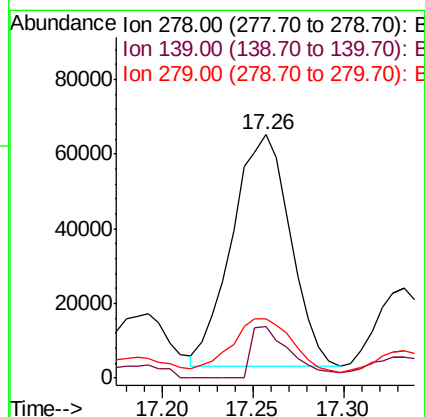
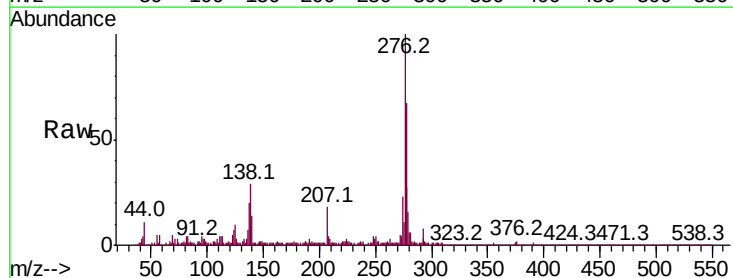
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.0	30.0
277	25.7	19.4	29.0

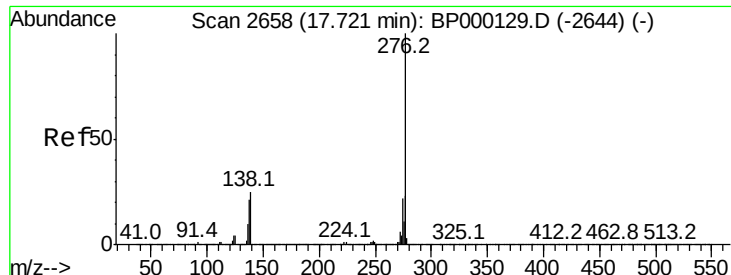


#93

Dibenzo(a,h)anthracene
Concen: 1.643 ng/ul
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BP000130.D
Acq: 09 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.1	22.7
279	24.5	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 4.740 ng/ul

RT: 17.70 min Scan# 2655

Delta R.T. -0.02 min

Lab File: BP000130.D

Acq: 09 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

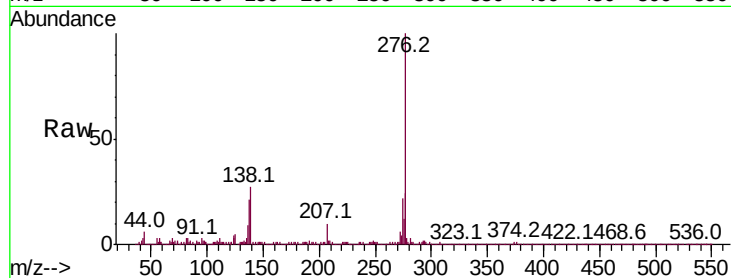
Tot Ion:276 Resp: 402255

Ion Ratio Lower Upper

276 100

138 27.1 20.0 30.0

277 24.0 19.1 28.7



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

