

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000151.D
 Acq On : 09 Sep 2019 22:53
 Operator : HP/JU
 Sample : K4634-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 10 03:39:41 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	508329	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1951162	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	1053943	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1778476	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1309269	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1329092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.63	96	35569	2.48	ng/uL	0.02
5) Phenol-d5	6.50	99	643182	14.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	348790	15.40	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	534186	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	402141	12.36	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	250936	16.94	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	259617	18.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.01	165	458229	14.97	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	538835	14.23	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1357621	17.45	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1594231	16.58	ng/ul	0.00
52) 4-Nitrophenol-d4	10.02	143	161694	11.63	ng/ul	-0.01
58) Fluorene-d10	10.46	176	1118412	16.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	100318	12.27	ng/ul	0.00
71) Anthracene-d10	11.50	188	1521592	17.67	ng/ul	0.00
79) Pyrene-d10	12.89	212	1511318	19.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1265543	18.37	ng/ul	0.00

Target Compounds

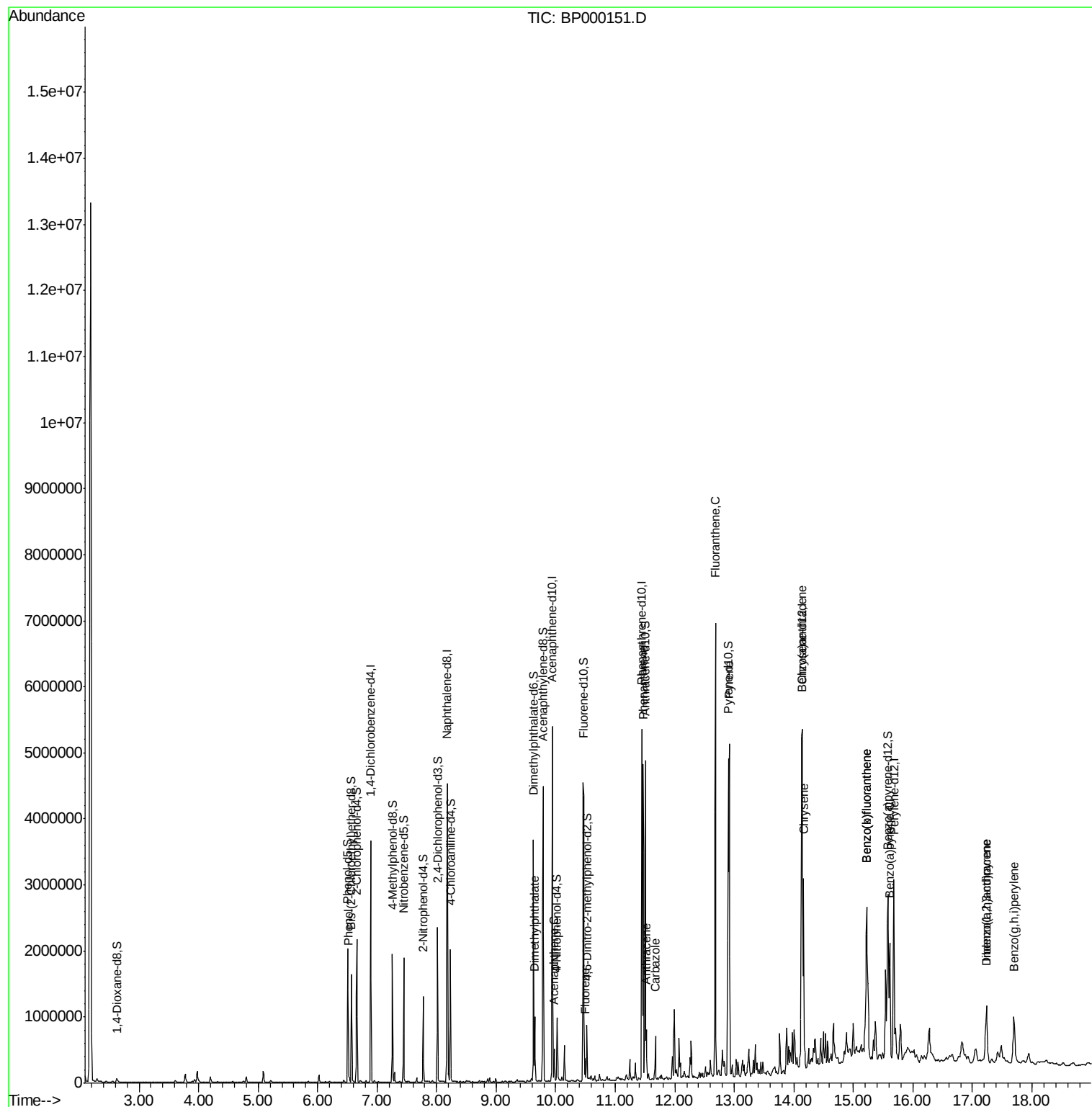
					Ovalue
6) Phenol	6.52	94	124469	2.758	ng/ul 99
45) Dimethylphthalate	9.65	163	333047	4.241	ng/ul 99
50) Acenaphthene	9.98	153	99936	1.435	ng/ul 98
59) Fluorene	10.49	166	82675	1.119	ng/ul 99
70) Phenanthrene	11.47	178	1616011	15.365	ng/ul 99
72) Anthracene	11.52	178	240746	2.326	ng/ul 99
75) Carbazole	11.68	167	243290	2.749	ng/ul 99
77) Fluoranthene	12.68	202	2515057	23.709	ng/ul 98
80) Pyrene	12.92	202	1975801	20.002	ng/ul 96
83) Benzo(a)anthracene	14.13	228	1018095	10.742	ng/ul 98
85) Chrysene	14.16	228	1088068	12.511	ng/ul 97
88) Benzo(b)fluoranthene	15.22	252	1521523	17.273	ng/ul 99
89) Benzo(k)fluoranthene	15.22	252	1521523	18.324	ng/ul 98
91) Benzo(a)pyrene	15.61	252	842011	10.188	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	17.23	276	614592	6.464	ng/ul 98
93) Dibenzo(a,h)anthracene	17.25	278	163536	2.077	ng/ul 94
94) Benzo(g,h,i)perylene	17.70	276	585102	7.380	ng/ul 98

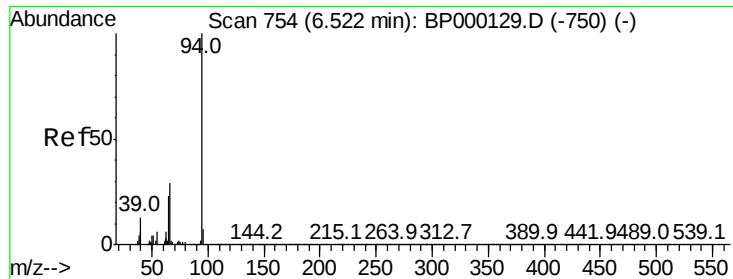
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000151.D
Acq On : 09 Sep 2019 22:53
Operator : HP/JU
Sample : K4634-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 10 03:39:41 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: 2.758 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

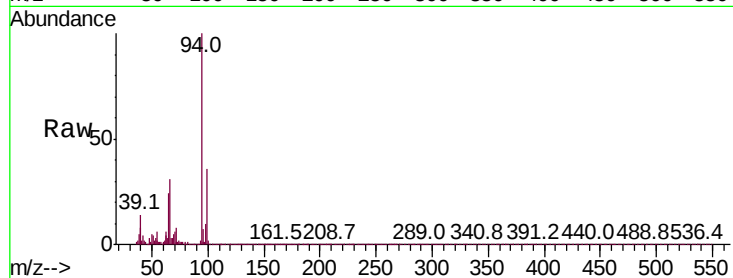
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 124469

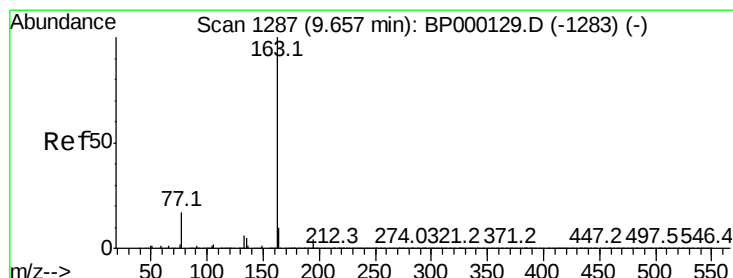
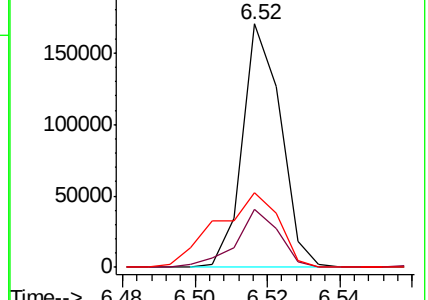
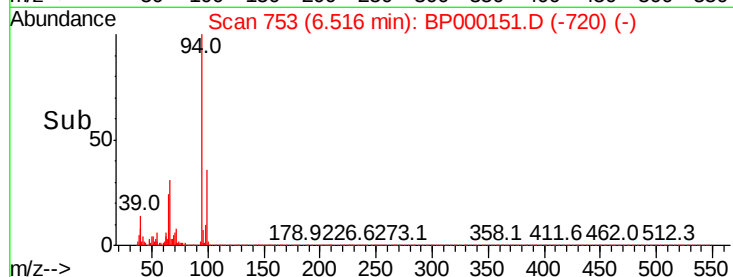
Ion	Ratio	Lower	Upper
94	100		
65	23.8	18.8	28.2
66	30.8	24.2	36.2



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



#45

Dimethylphthalate

Concen: 4.241 ng/ul

RT: 9.65 min Scan# 1286

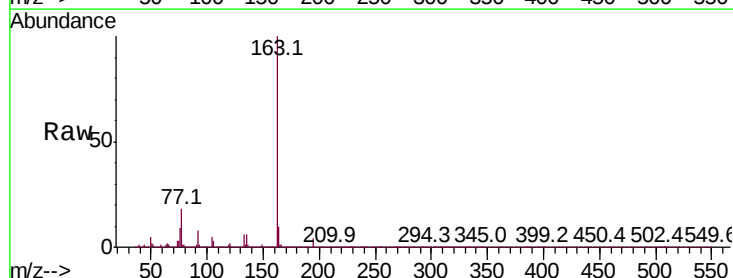
Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Tgt Ion:163 Resp: 333047

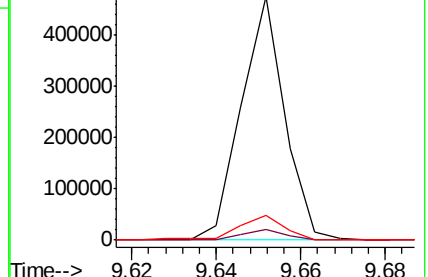
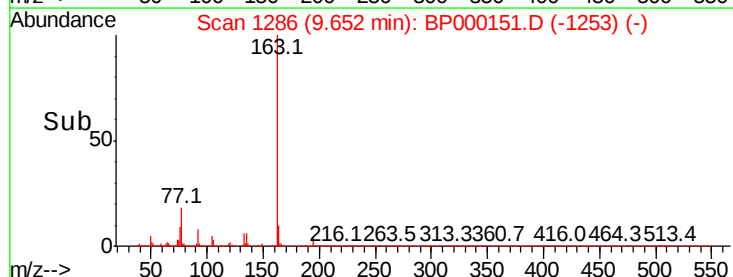
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.3	8.4	12.6

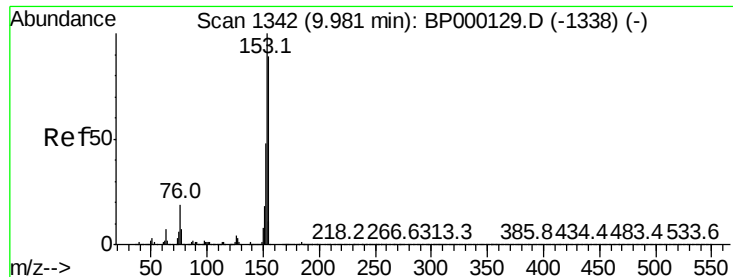


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 1.435 ng/ul

RT: 9.98 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Instrument :

BNA_P

ClientSampleId :

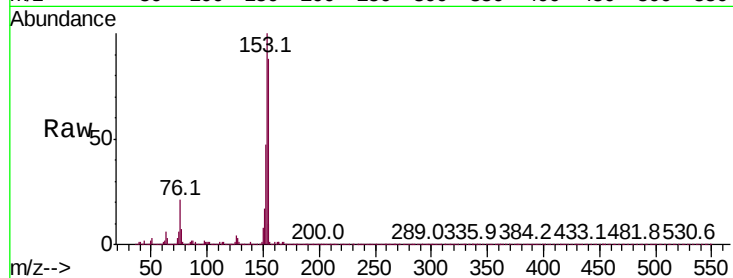
Tot Ion:153 Resp: 99936

Ion Ratio Lower Upper

153 100

152 46.6 38.0 57.0

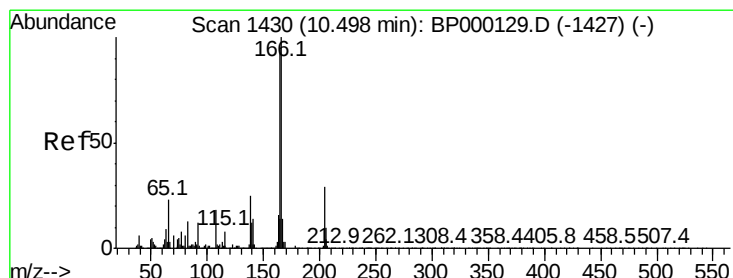
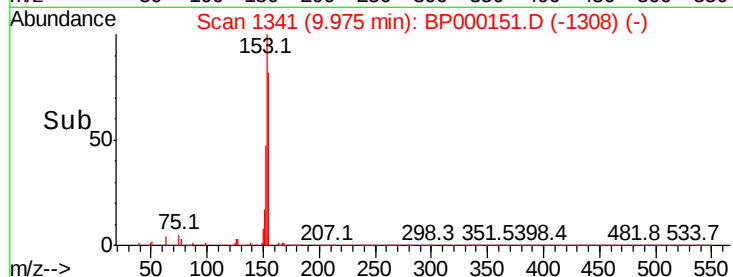
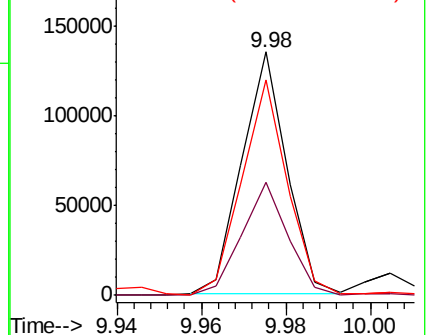
154 88.3 72.6 108.8



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: 1.119 ng/ul

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

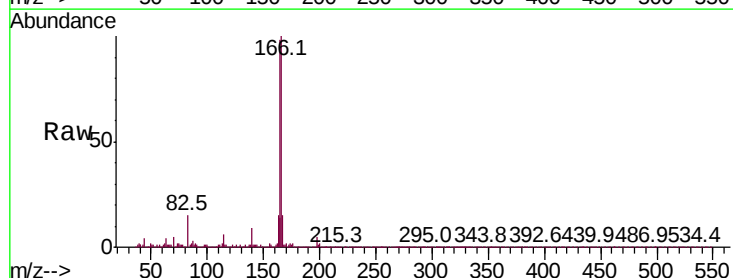
Tgt Ion:166 Resp: 82675

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

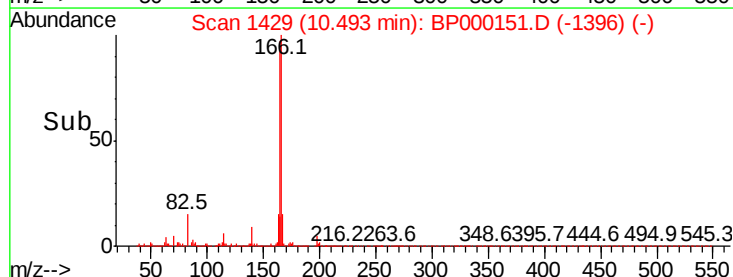
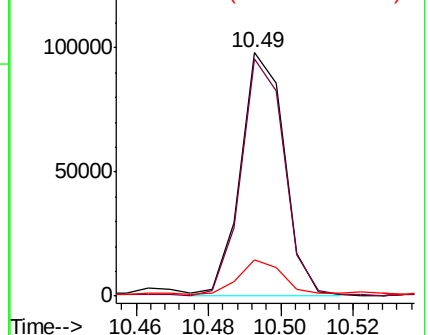
167 14.8 10.9 16.3

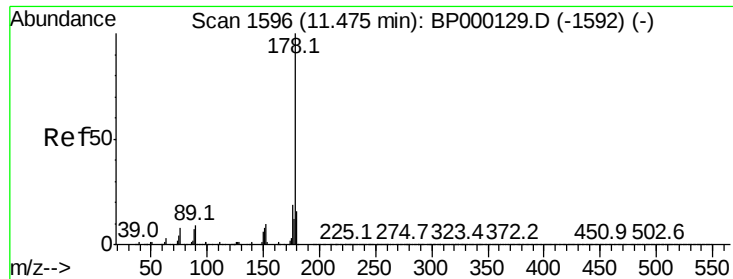


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 15.365 ng/ul

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

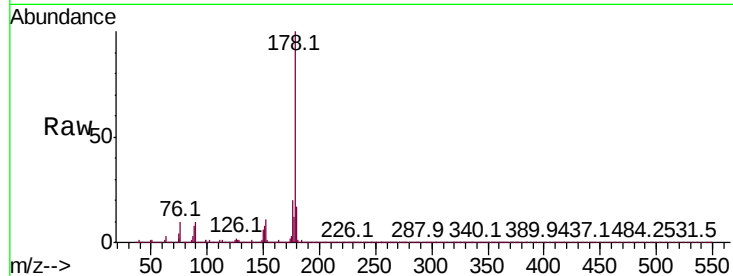
Instrument :

BNA_P

ClientSampled :

Tot Ion:178 Resp: 1616011

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	19.9	15.7	23.5

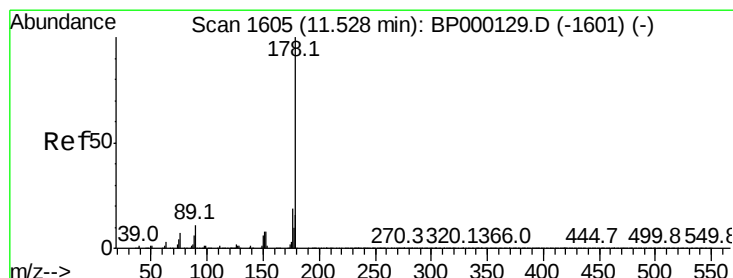
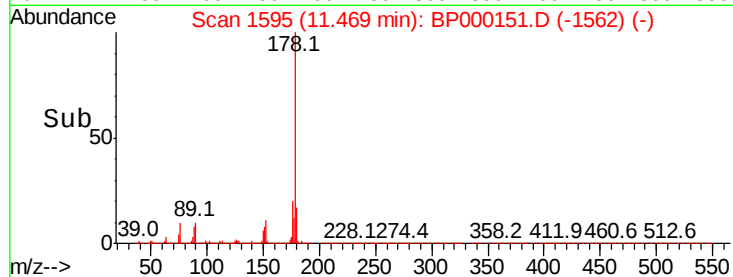
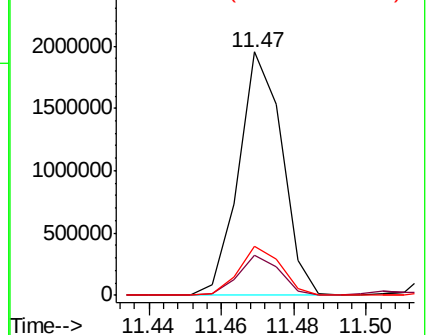


Abundance

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: 2.326 ng/ul

RT: 11.52 min Scan# 1604

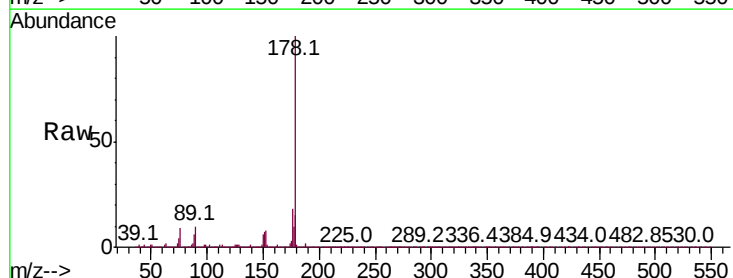
Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Tgt Ion:178 Resp: 240746

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.5	15.1	22.7

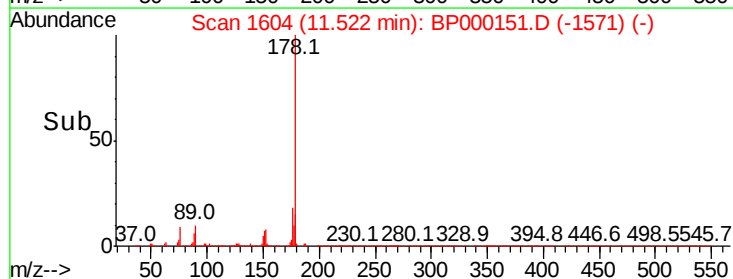
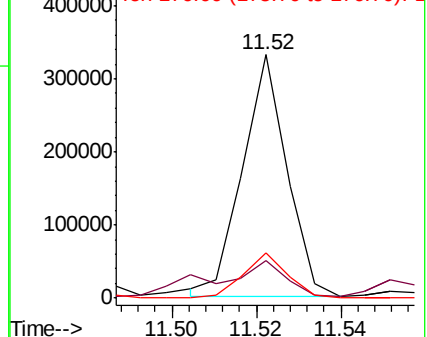


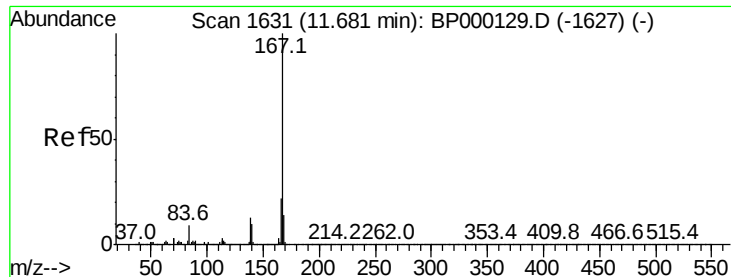
Abundance

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: 2.749 ng/ul

RT: 11.68 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Instrument :

BNA_P

ClientSampleId :

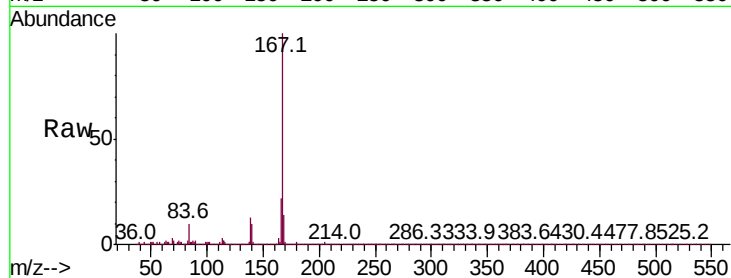
Tot Ion:167 Resp: 243290

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

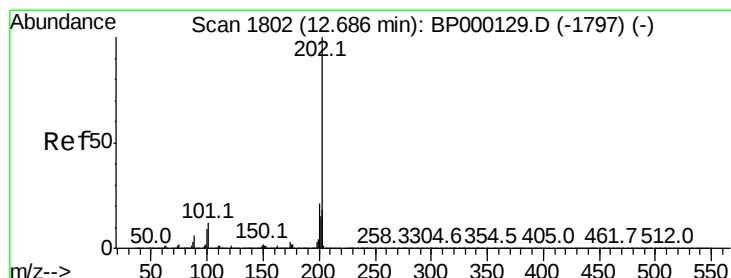
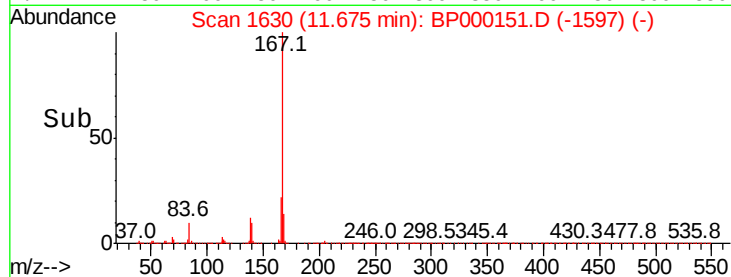
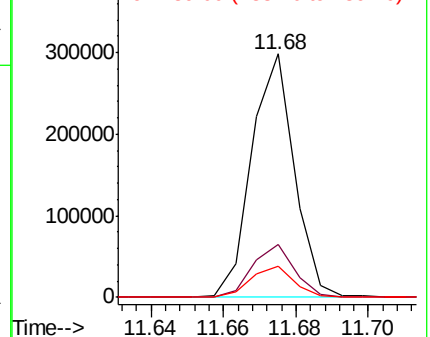
139 12.7 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

400000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 23.709 ng/ul

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

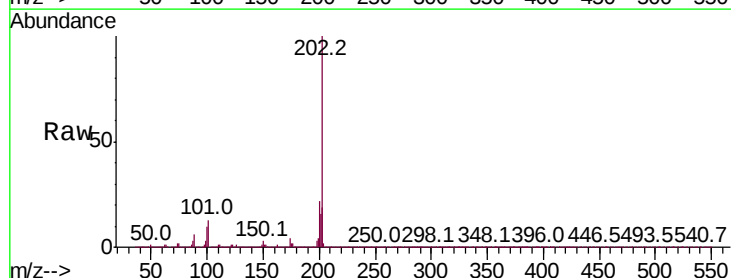
Tgt Ion:202 Resp: 2515057

Ion Ratio Lower Upper

202 100

101 13.4 10.0 15.0

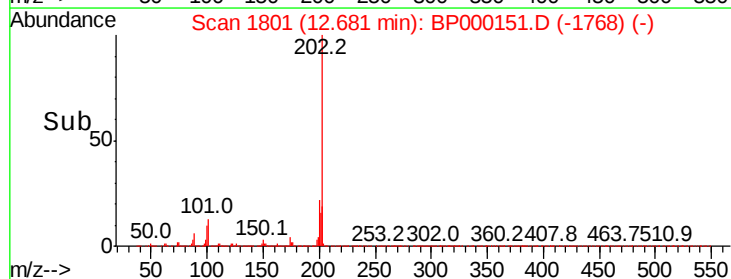
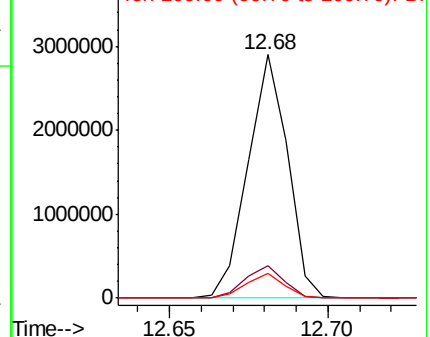
100 10.1 7.4 11.2

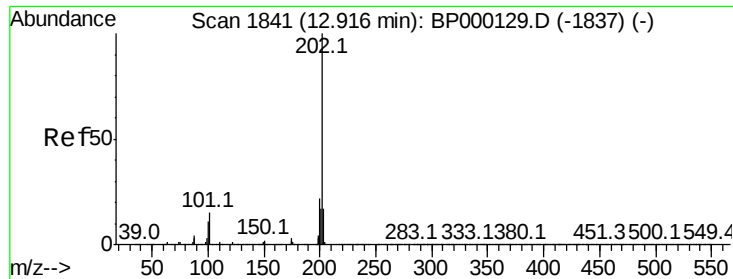


Abundance Ion 202.00 (201.70 to 202.70): E

4000000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



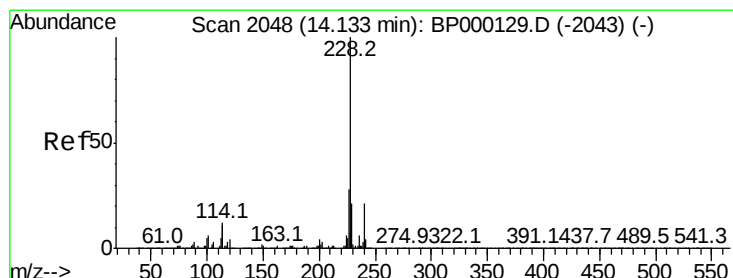
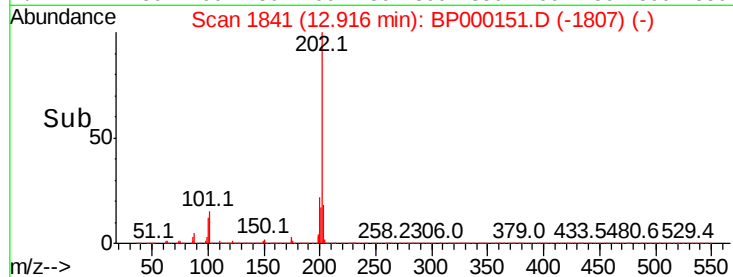
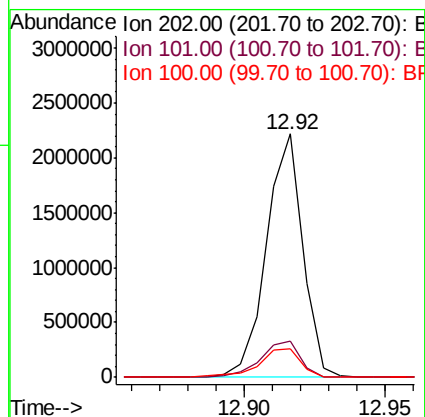
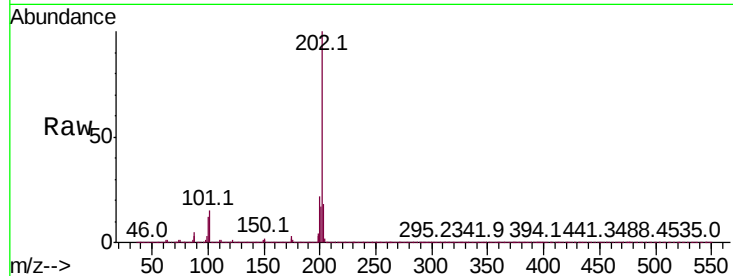


#80
 Pvrene
 Concen: 20.002 ng/ul
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BP000151.D
 Acq: 09 Sep 2019 22:53

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:202 Resp: 1975801

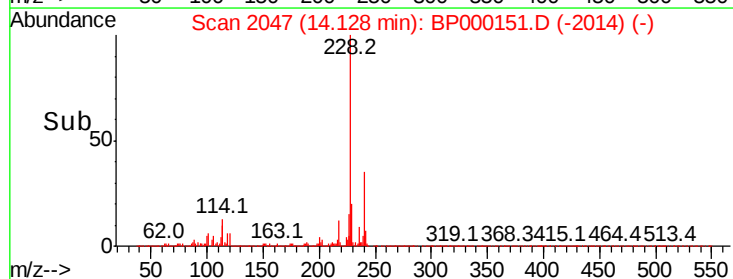
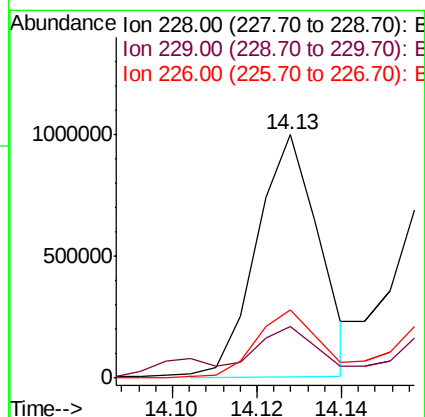
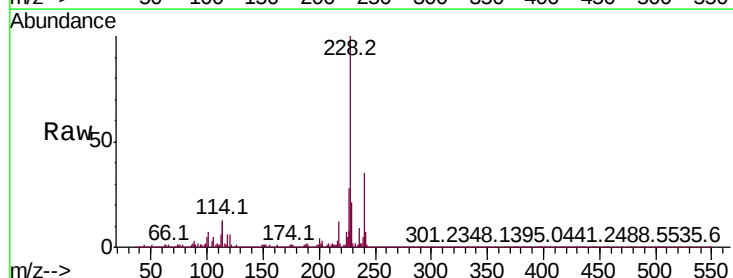
Ion	Ratio	Lower	Upper
202	100		
101	14.8	13.4	20.0
100	12.0	10.8	16.2

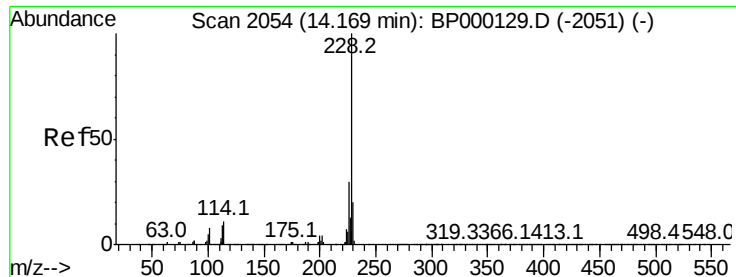


#83
 Benzo(a)anthracene
 Concen: 10.742 ng/ul
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BP000151.D
 Acq: 09 Sep 2019 22:53

Tgt Ion:228 Resp: 1018095

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	28.2	22.1	33.1





#85

Chrysene

Concen: 12.511 ng/ul

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

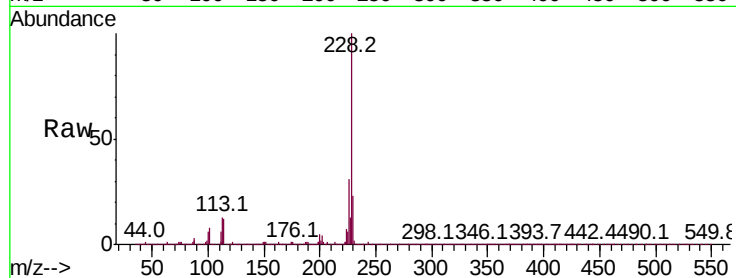
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 1088068

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.1	16.0	24.0

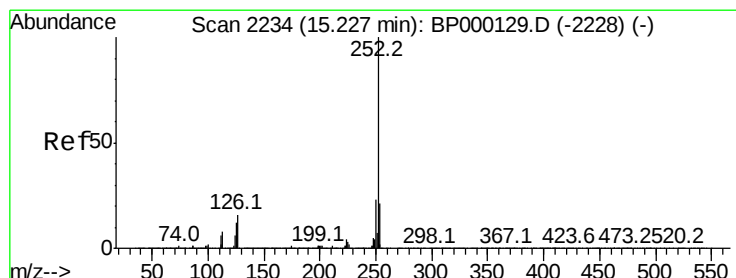
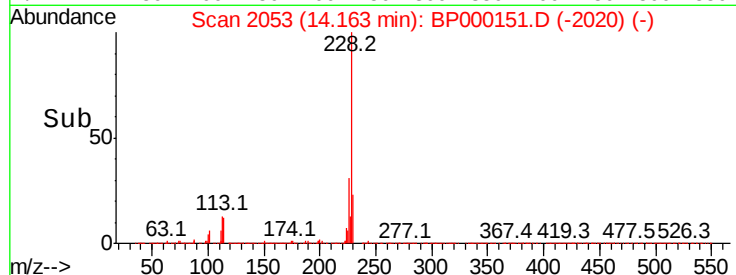
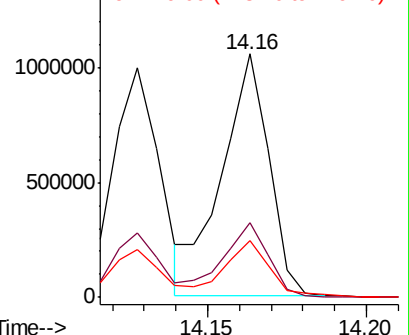


Abundance

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: 17.273 ng/ul

RT: 15.22 min Scan# 2233

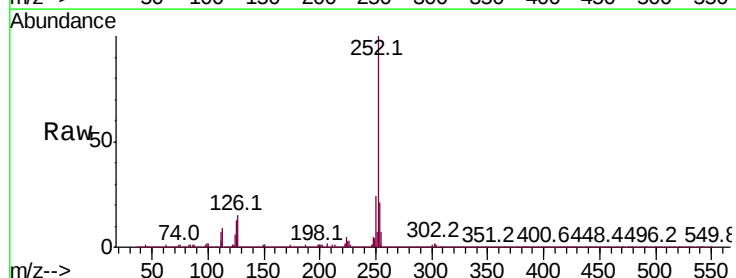
Delta R.T. -0.01 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Tgt Ion:252 Resp: 1521523

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	12.5	9.9	14.9

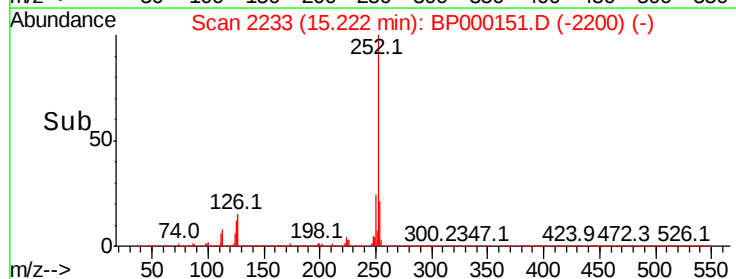
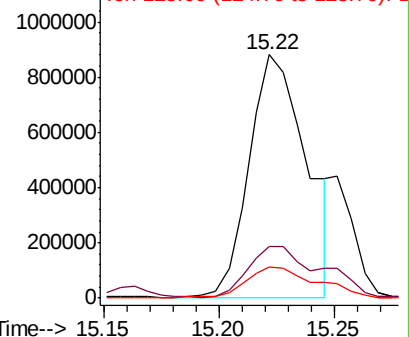


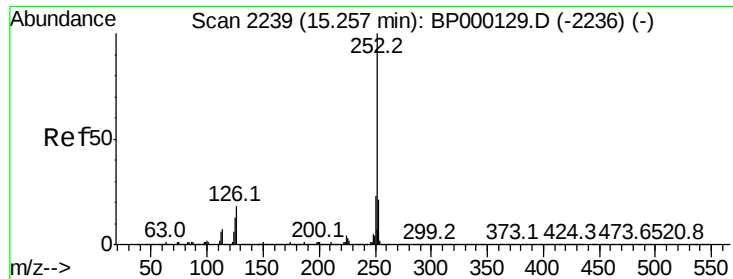
Abundance

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

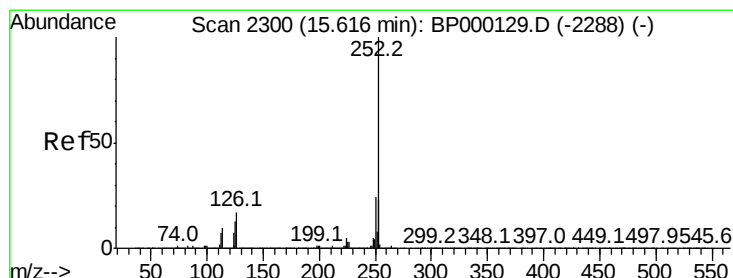
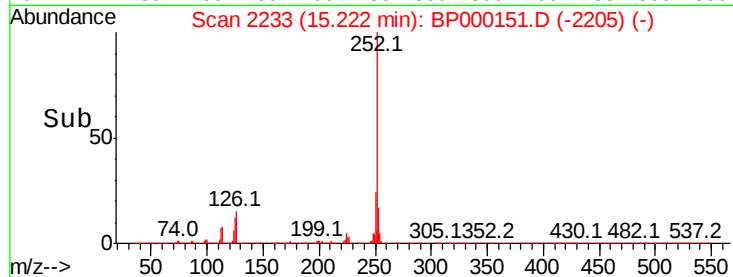
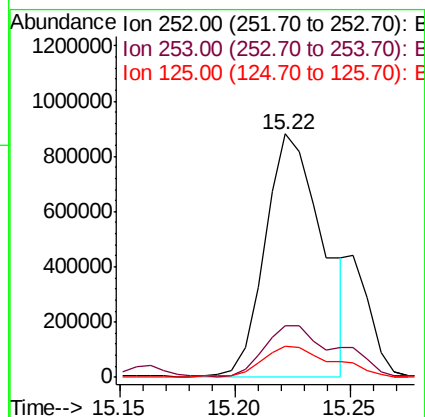
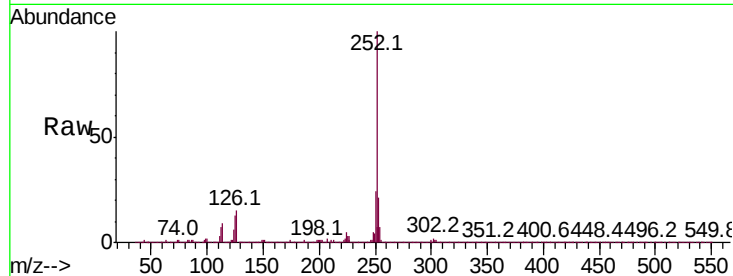




#89
Benzo(k)fluoranthene
Concen: 18.324 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

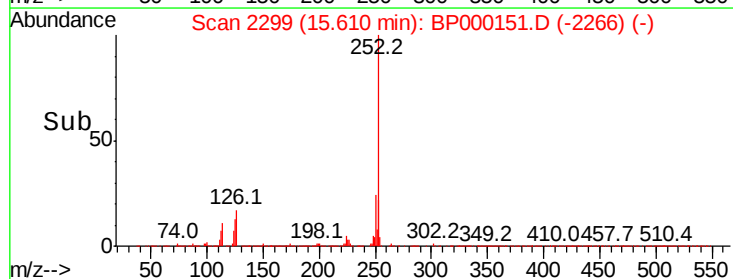
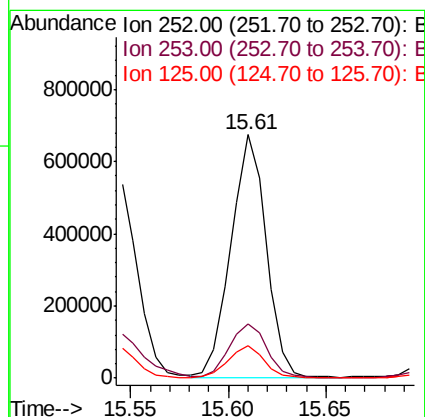
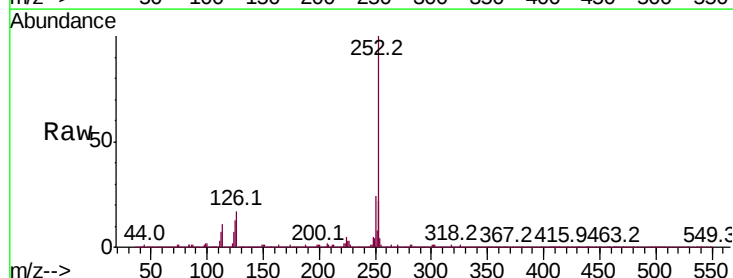
Instrument :
BNA_P
ClientSampleId :

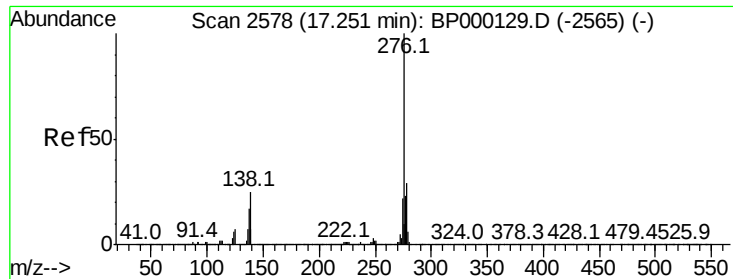
Tot Ion:252 Resp: 1521523
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 12.5 10.2 15.2



#91
Benzo(a)pyrene
Concen: 10.188 ng/ul
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Tgt Ion:252 Resp: 842011
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 13.2 10.2 15.2



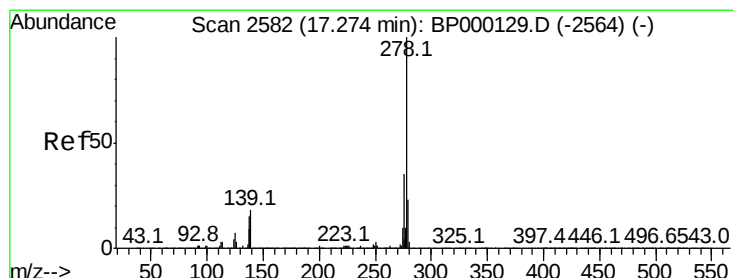
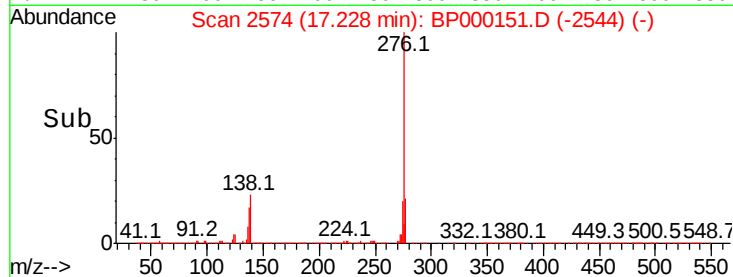
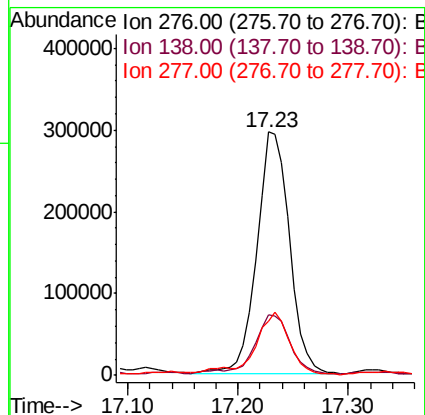
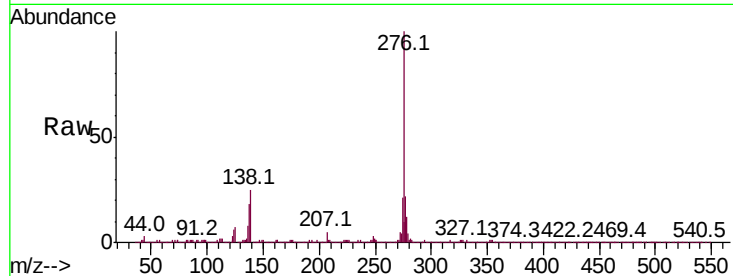


#92

Indeno(1,2,3-cd)pyrene
Concen: 6.464 ng/ul
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Instrument :
BNA_P
ClientSampleId :

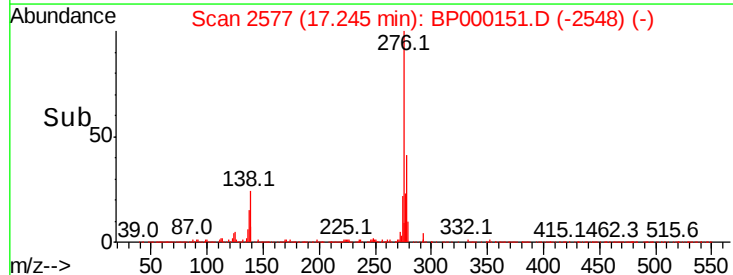
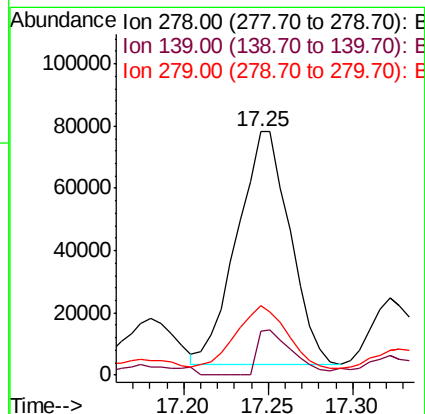
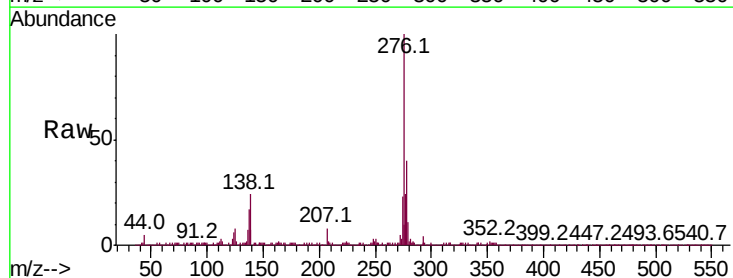
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.0	30.0
277	22.1	19.4	29.0

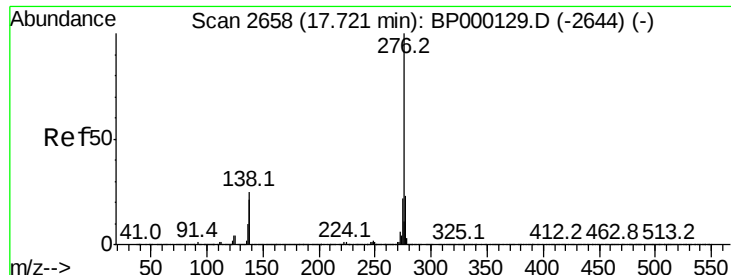


#93

Dibenzo(a,h)anthracene
Concen: 2.077 ng/ul
RT: 17.25 min Scan# 2577
Delta R.T. -0.03 min
Lab File: BP000151.D
Acq: 09 Sep 2019 22:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.1	22.7
279	28.4	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 7.380 ng/ul

RT: 17.70 min Scan# 2654

Delta R.T. -0.02 min

Lab File: BP000151.D

Acq: 09 Sep 2019 22:53

Instrument :

BNA_P

ClientSampleId :

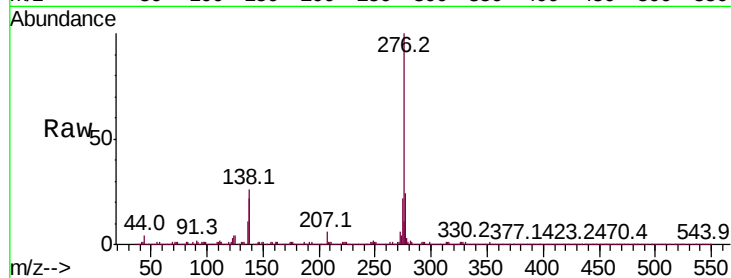
Tot Ion:276 Resp: 585102

Ion Ratio Lower Upper

276 100

138 26.4 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

