

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000142.D
 Acq On : 09 Sep 2019 19:13
 Operator : HP/JU
 Sample : K4633-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 10 03:37:11 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	388426	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1528320	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	820820	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1490679	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1121711	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1131500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	49681	4.54	ng/uL	0.00
5) Phenol-d5	6.50	99	861403	26.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	463851	26.81	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	719547	26.89	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	631482	25.41	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	341076	29.39	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	357948	31.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	622798	25.97	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	780743	26.33	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1768319	29.18	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2102390	28.07	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	248074	22.91	ng/ul	0.00
58) Fluorene-d10	10.47	176	1471815	28.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	169146	24.69	ng/ul	0.00
71) Anthracene-d10	11.50	188	2156488	29.87	ng/ul	0.00
79) Pyrene-d10	12.90	212	2209596	33.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1869460	31.88	ng/ul	0.00

Target Compounds

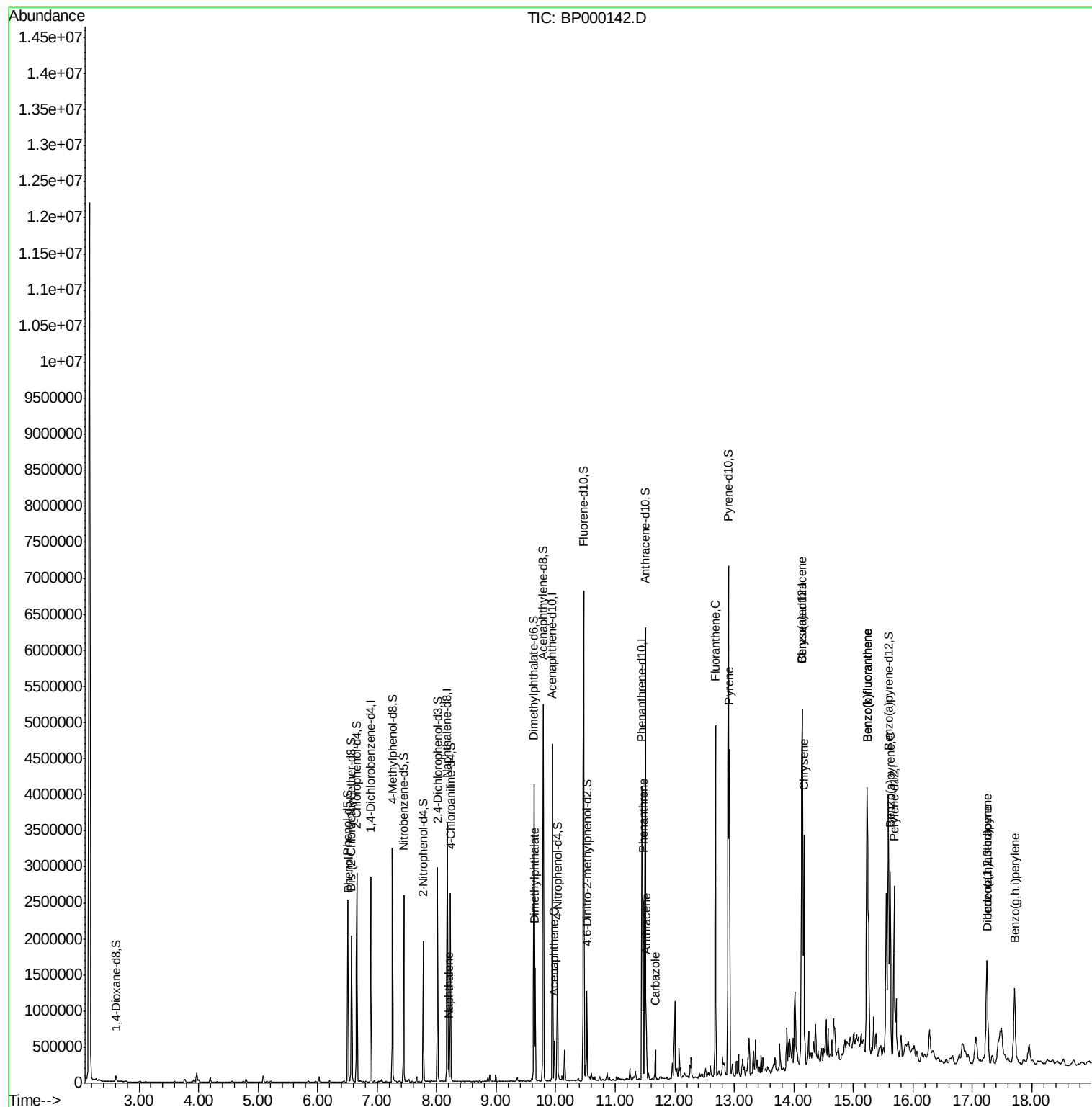
				Ovalue	
6) Phenol	6.52	94	158495	4.597	ng/ul 97
28) Naphthalene	8.20	128	94554	1.136	ng/ul 99
45) Dimethylphthalate	9.65	163	605077	9.893	ng/ul 100
50) Acenaphthene	9.98	153	119748	2.208	ng/ul 96
70) Phenanthrene	11.47	178	971832	11.024	ng/ul 99
72) Anthracene	11.52	178	189808	2.188	ng/ul 99
75) Carbazole	11.68	167	141951	1.914	ng/ul 99
77) Fluoranthene	12.68	202	1942899	21.851	ng/ul 95
80) Pyrene	12.92	202	1622882	19.177	ng/ul 99
83) Benzo(a)anthracene	14.13	228	1173081	14.447	ng/ul 99
85) Chrysene	14.17	228	1276732	17.135	ng/ul 98
88) Benzo(b)fluoranthene	15.23	252	2413252	32.180	ng/ul 99
89) Benzo(k)fluoranthene	15.23	252	2413252	34.138	ng/ul 100
91) Benzo(a)pyrene	15.62	252	1292369	18.367	ng/ul 100
92) Indeno(1,2,3-cd)pyrene	17.25	276	1021706	12.622	ng/ul 99
93) Dibenzo(a,h)anthracene	17.26	278	267991	3.997	ng/ul 94
94) Benzo(g,h,i)perylene	17.71	276	864821	12.814	ng/ul 99

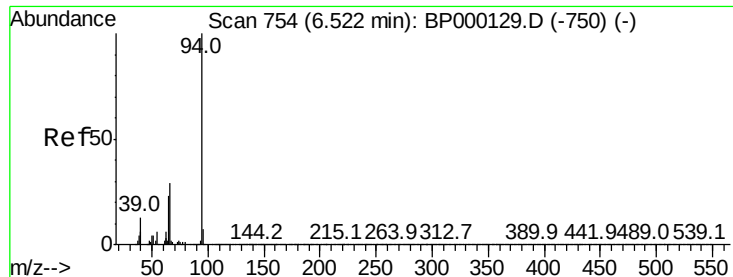
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000142.D
Acq On : 09 Sep 2019 19:13
Operator : HP/JU
Sample : K4633-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 10 03:37:11 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: 4.597 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

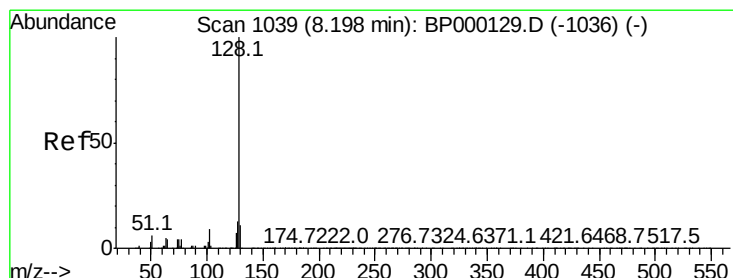
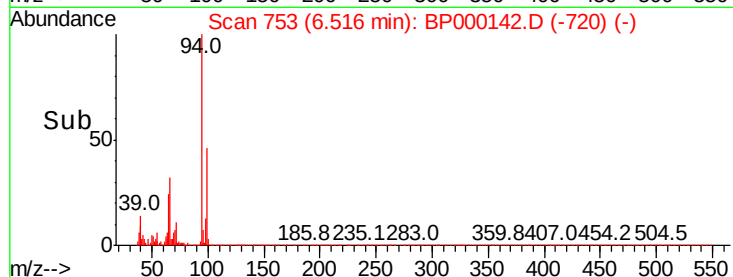
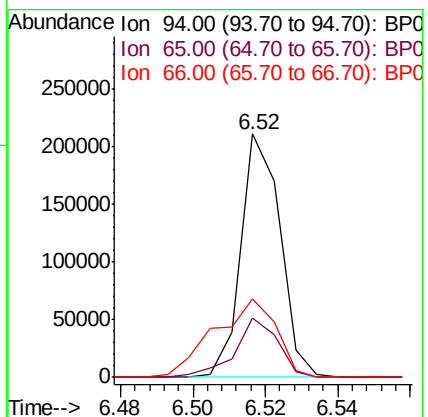
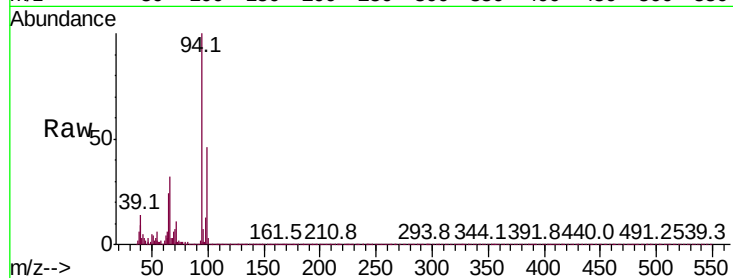
Instrument :

BNA_P

ClientSampled :

Tot Ion: 94 Resp: 158495

Ion	Ratio	Lower	Upper
94	100		
65	24.2	18.8	28.2
66	32.2	24.2	36.2



#28

Naphthalene

Concen: 1.136 ng/ul

RT: 8.20 min Scan# 1039

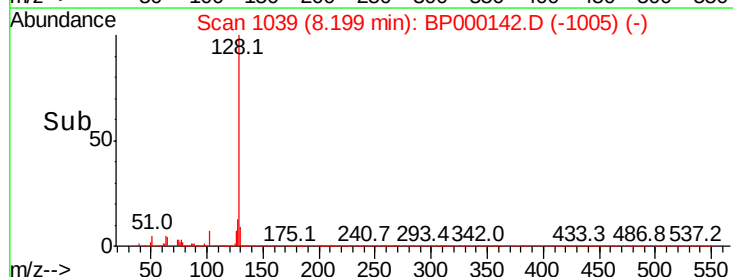
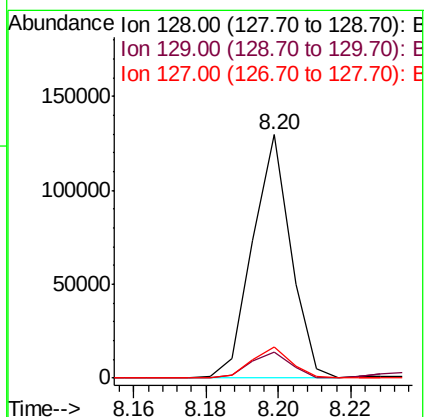
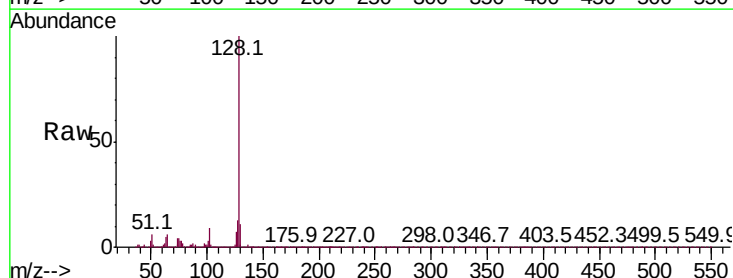
Delta R.T. 0.00 min

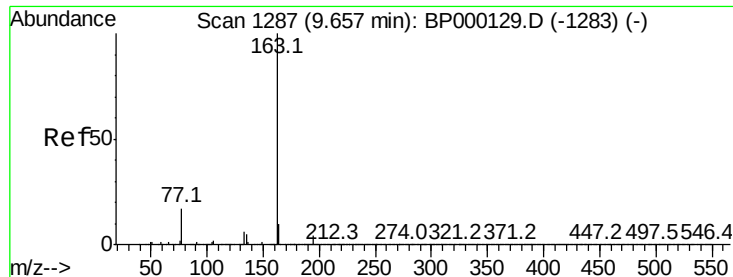
Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Tgt Ion: 128 Resp: 94554

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.0	10.7	16.1

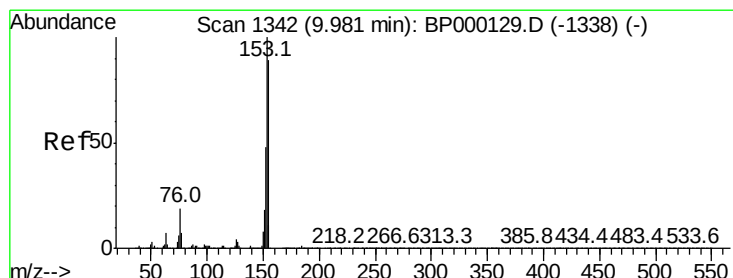
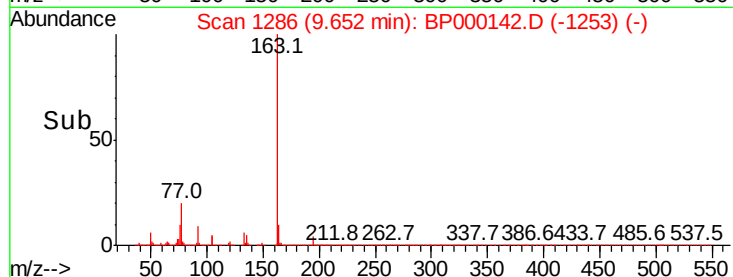
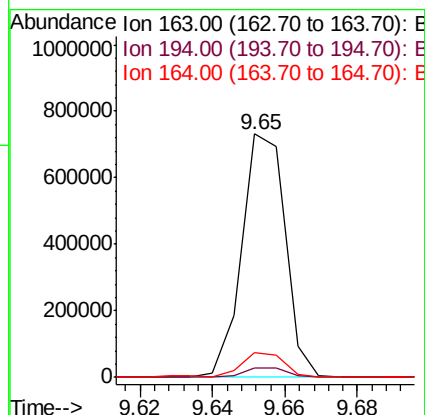
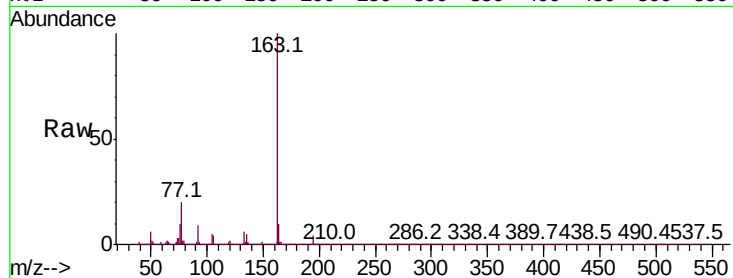




#45
Dimethylphthalate
Concen: 9.893 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

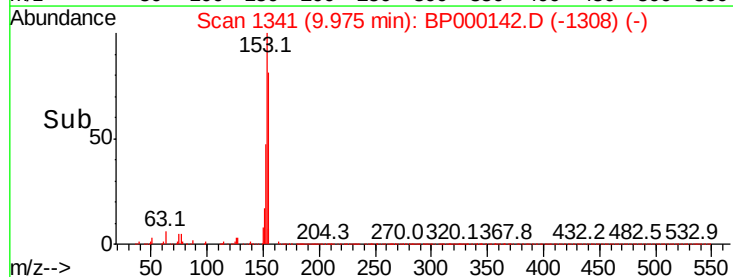
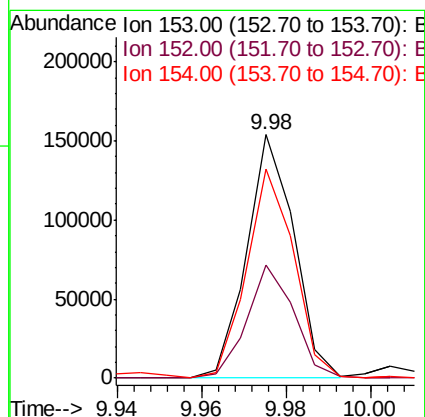
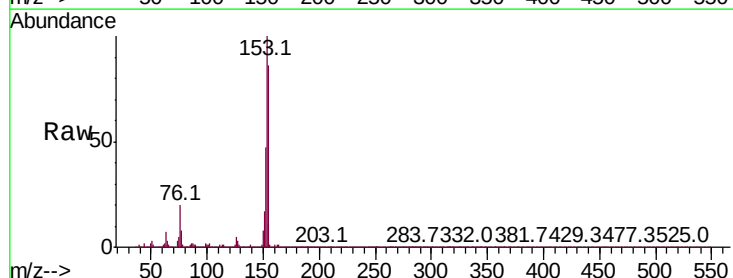
Instrument :
BNA_P
ClientSampled :

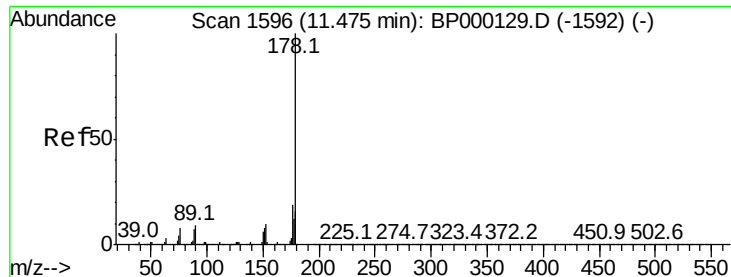
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	8.4	12.6



#50
Acenaphthene
Concen: 2.208 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.0	57.0
154	85.8	72.6	108.8





#70

Phenanthrene

Concen: 11.024 ng/ul

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Instrument :

BNA_P

ClientSampled :

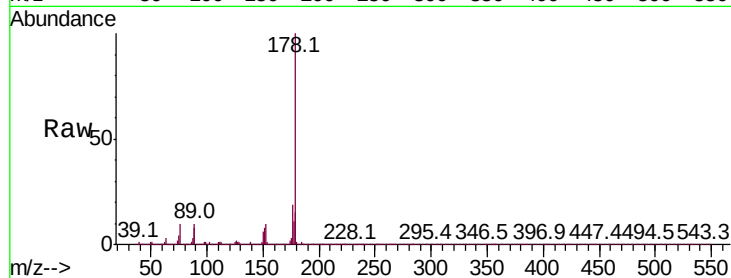
Tot Ion:178 Resp: 971832

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

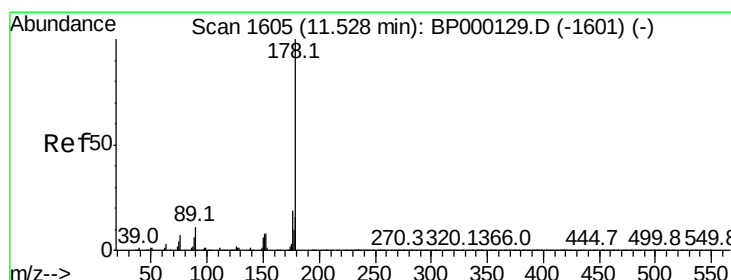
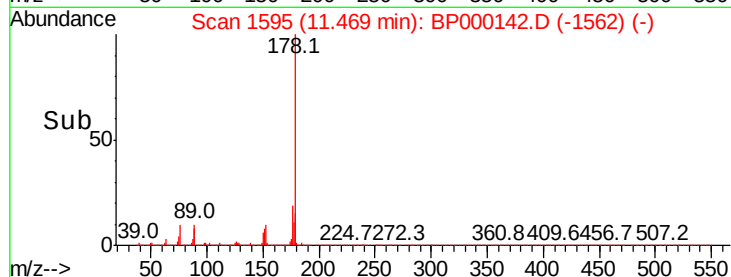
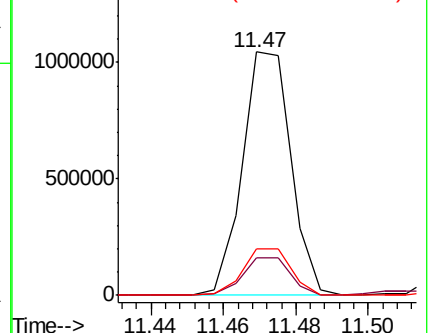
176 18.9 15.7 23.5



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: 2.188 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

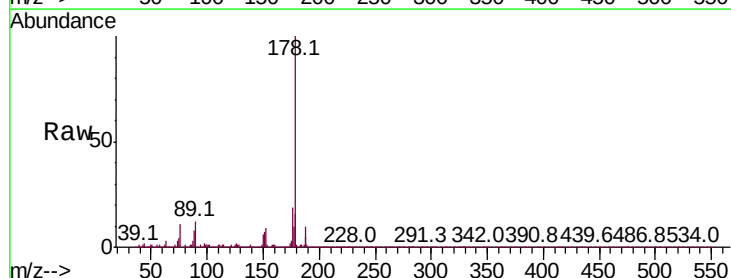
Tgt Ion:178 Resp: 189808

Ion Ratio Lower Upper

178 100

179 16.4 12.3 18.5

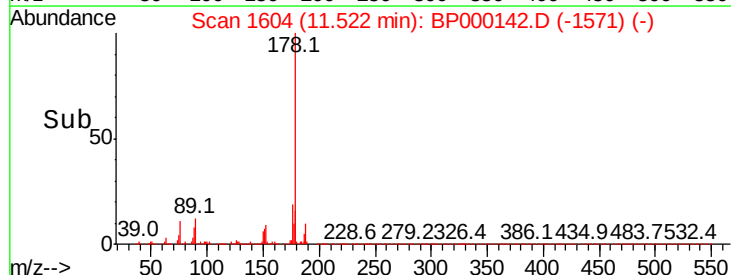
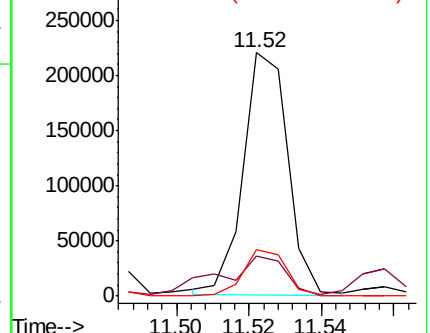
176 19.0 15.1 22.7

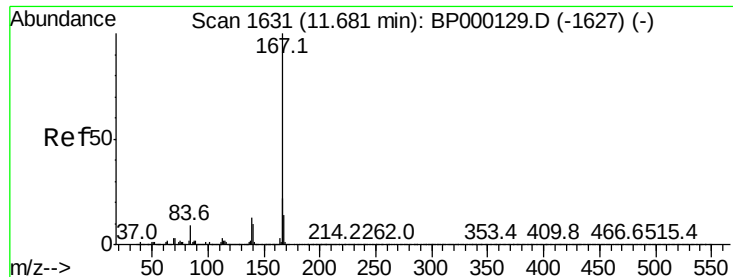


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.914 ng/ul

RT: 11.68 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Instrument :

BNA_P

ClientSampleId :

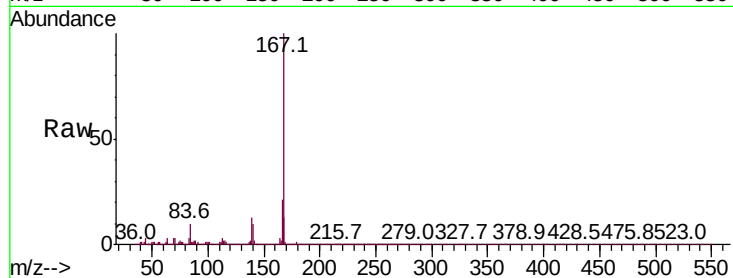
Tot Ion:167 Resp: 141951

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

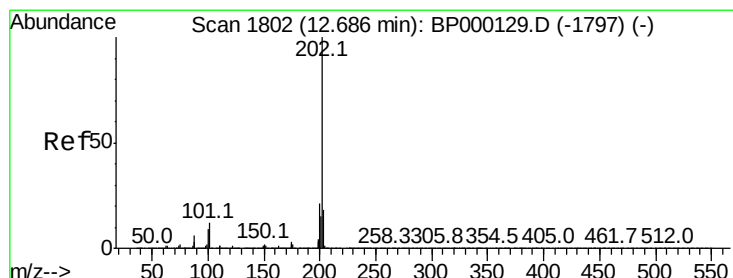
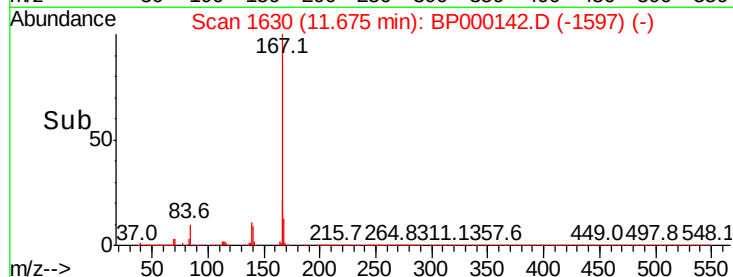
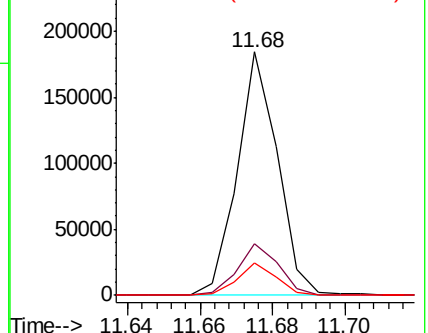
139 13.2 10.6 15.8



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: 21.851 ng/ul

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

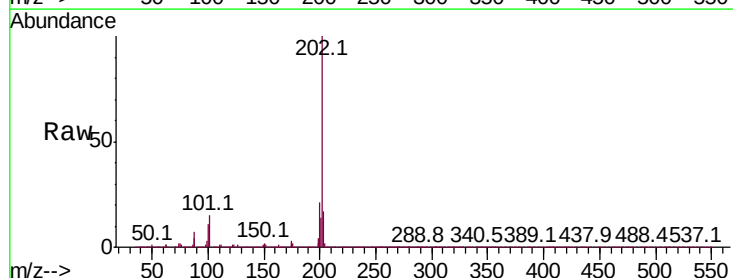
Tgt Ion:202 Resp: 1942899

Ion Ratio Lower Upper

202 100

101 14.7 10.0 15.0

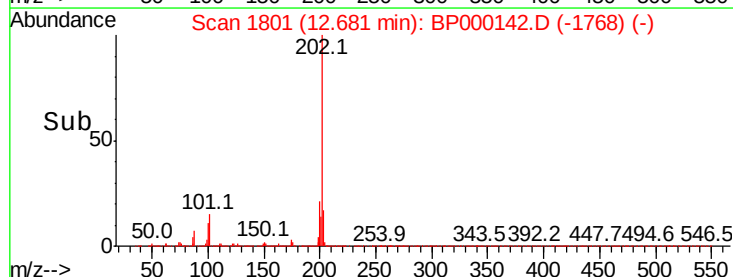
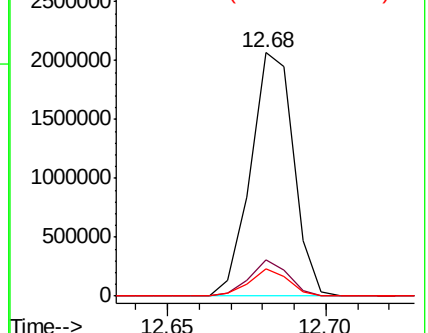
100 11.0 7.4 11.2

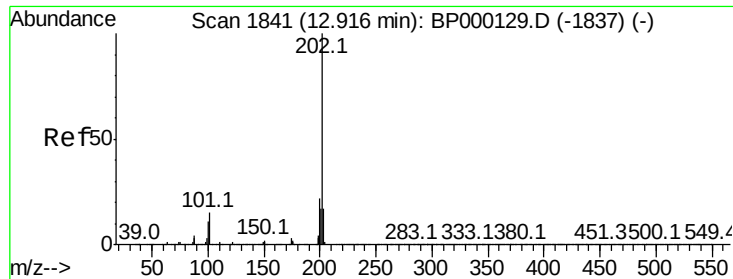


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



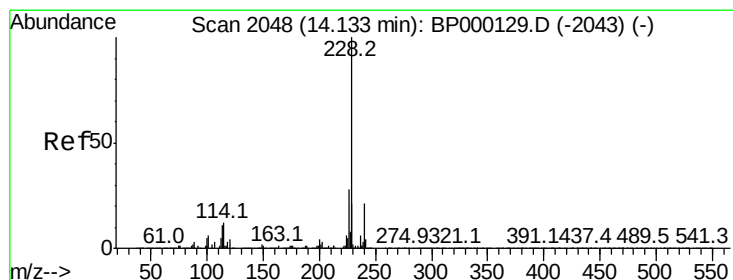
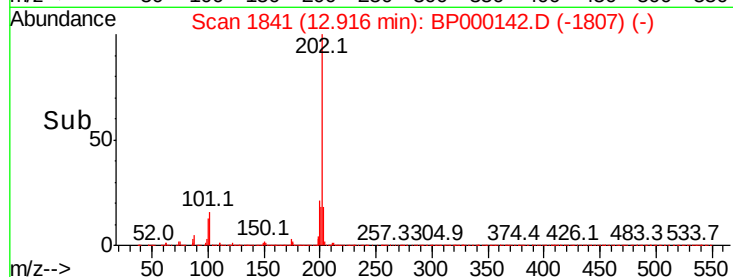
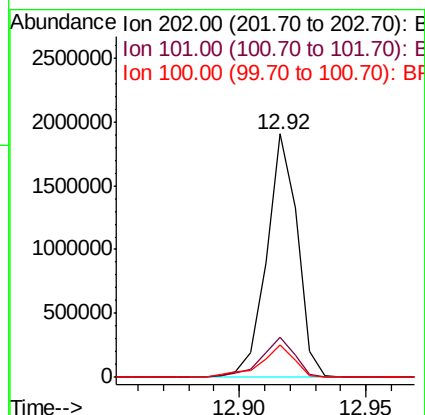
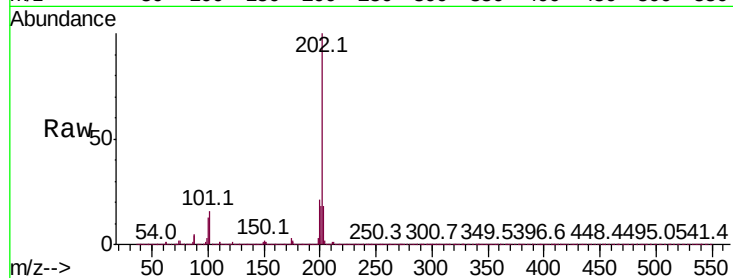


#80
 Pvrene
 Concen: 19.177 ng/ul
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BP000142.D
 Acq: 09 Sep 2019 19:13

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:202 Resp: 1622882

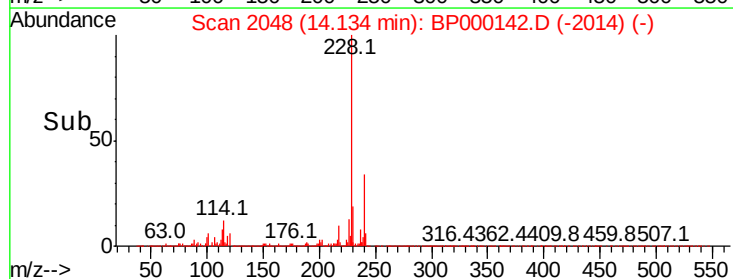
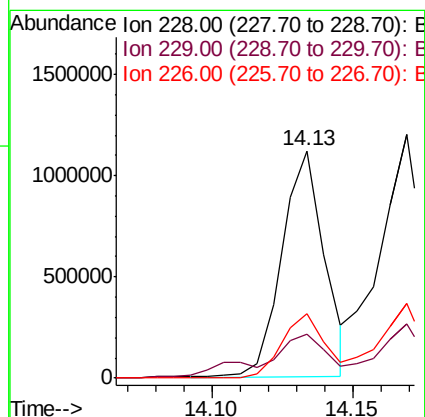
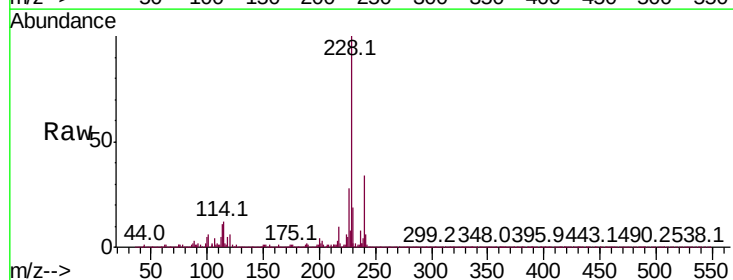
Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.4	20.0
100	13.1	10.8	16.2

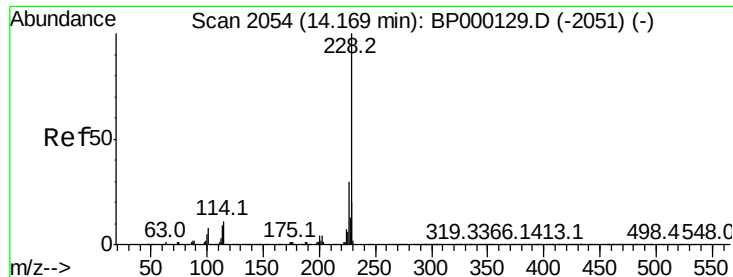


#83
 Benzo(a)anthracene
 Concen: 14.447 ng/ul
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BP000142.D
 Acq: 09 Sep 2019 19:13

Tgt Ion:228 Resp: 1173081

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.9	23.9
226	28.2	22.1	33.1





#85

Chrysene

Concen: 17.135 ng/ul

RT: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

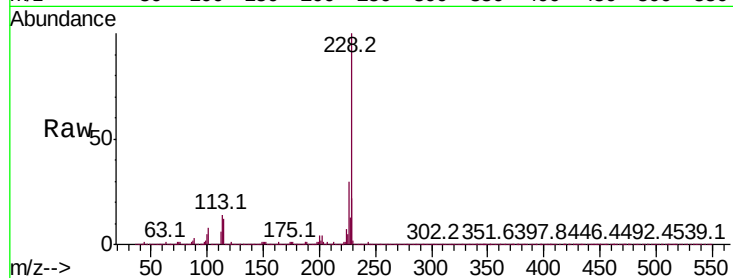
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1276732

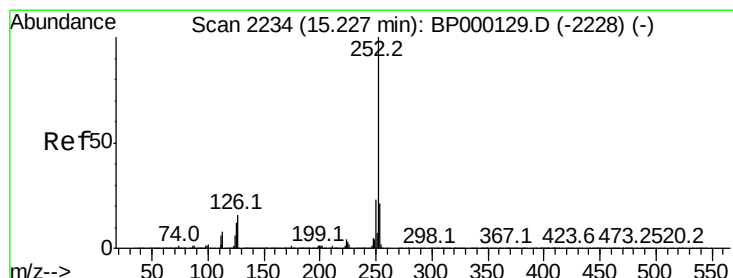
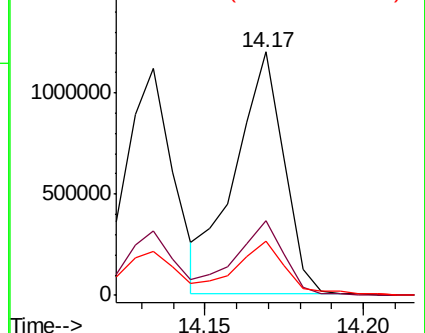
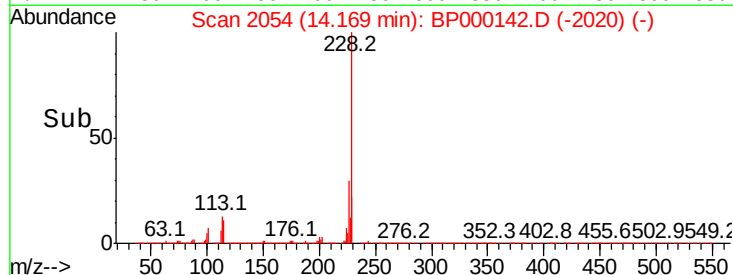
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.0	16.0	24.0



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: 32.180 ng/ul

RT: 15.23 min Scan# 2235

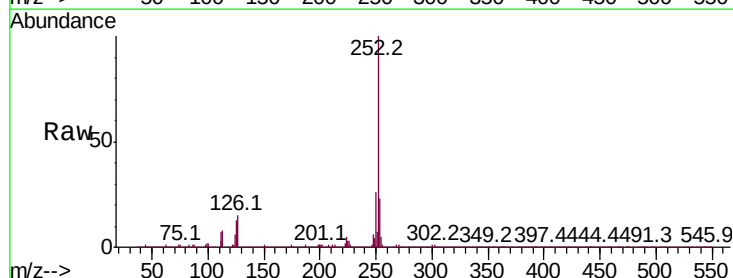
Delta R.T. 0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Tgt Ion:252 Resp: 2413252

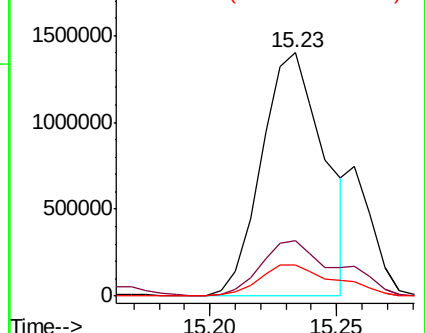
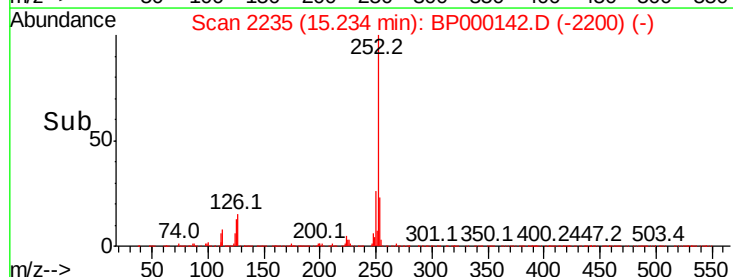
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.8	9.9	14.9

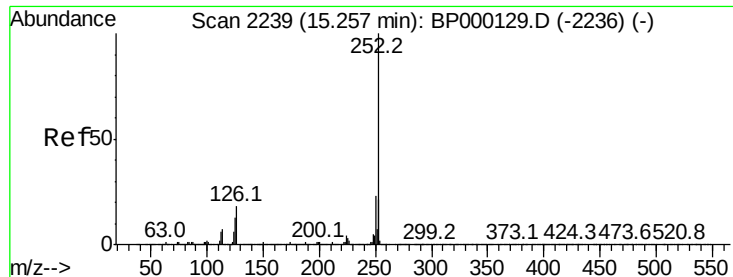


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 34.138 ng/ul

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Instrument :

BNA_P

ClientSampleId :

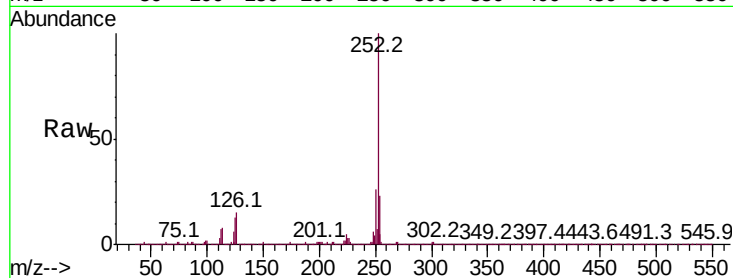
Tot Ion:252 Resp: 2413252

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

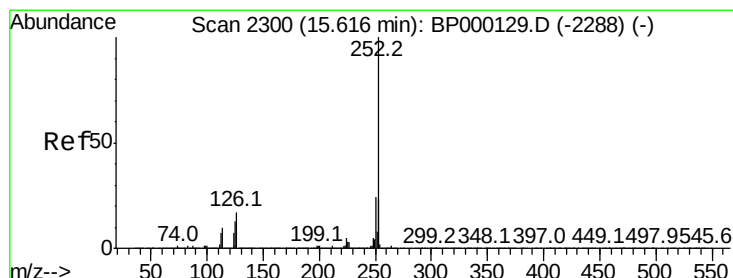
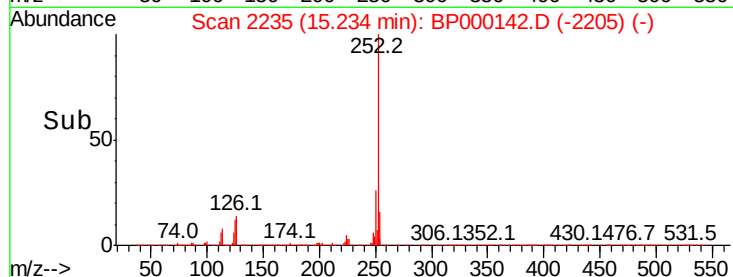
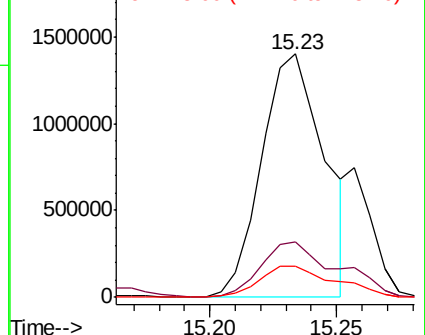
125 12.8 10.2 15.2



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: 18.367 ng/ul

RT: 15.62 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

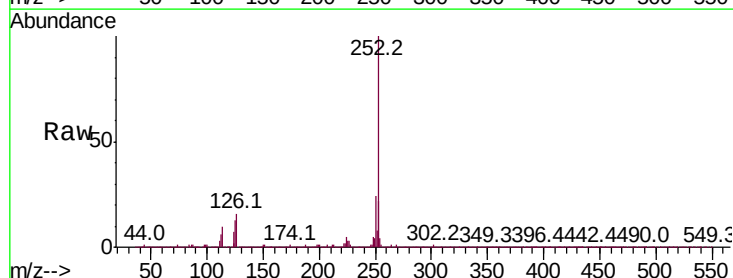
Tgt Ion:252 Resp: 1292369

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

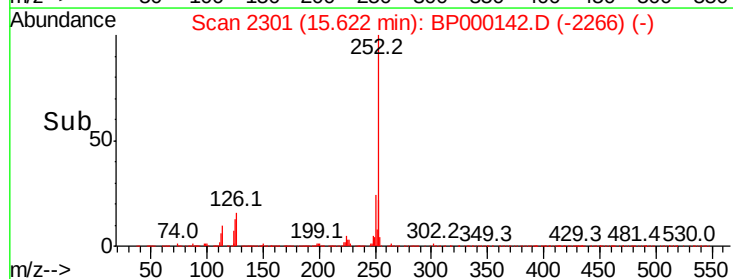
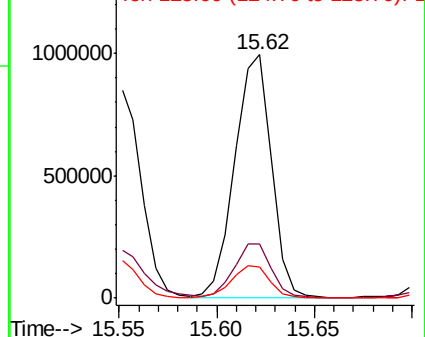
125 12.7 10.2 15.2

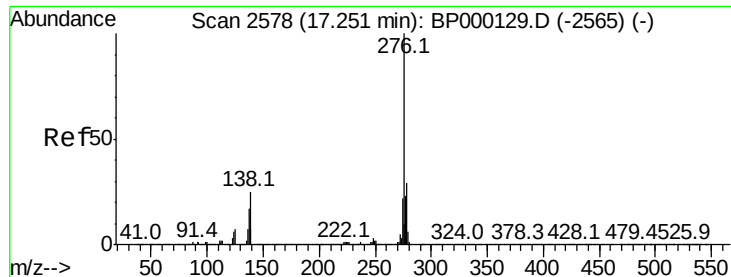


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



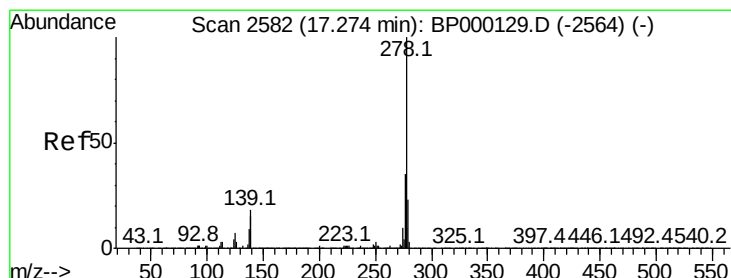
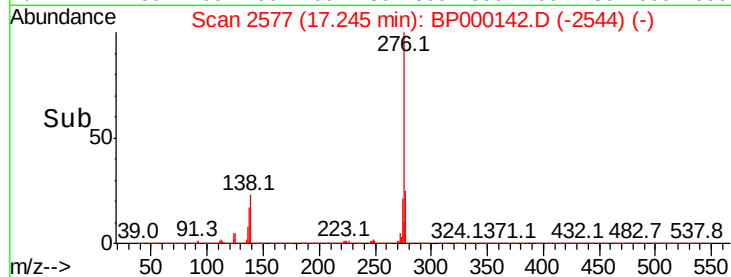
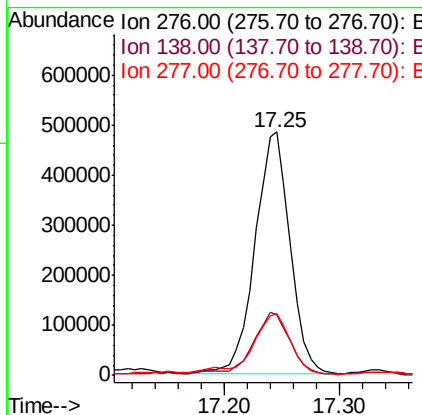
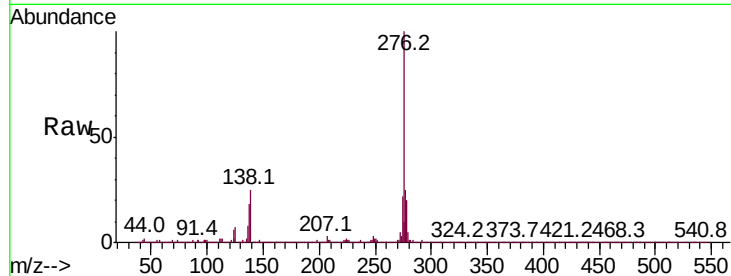


#92

Indeno(1,2,3-cd)pyrene
Concen: 12.622 ng/ul
RT: 17.25 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Instrument :
BNA_P
ClientSampleId :

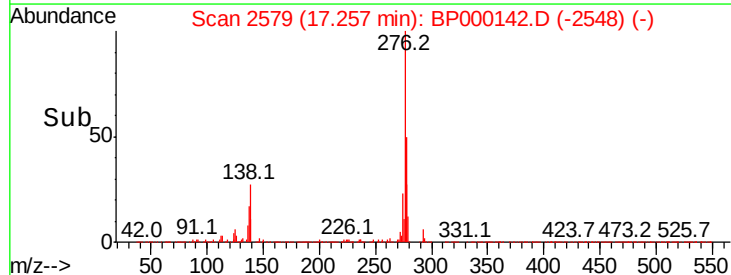
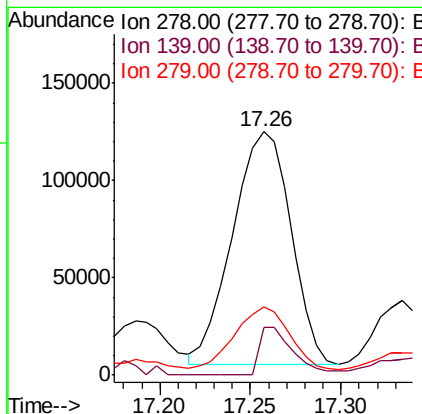
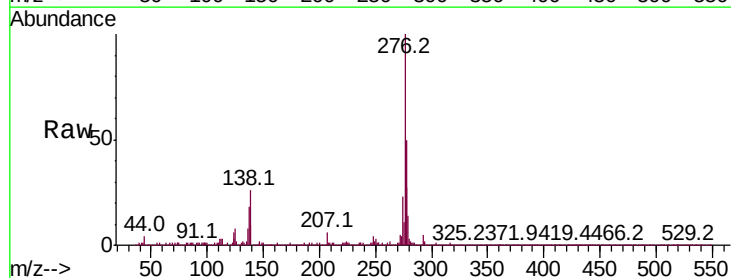
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.0	30.0
277	25.2	19.4	29.0

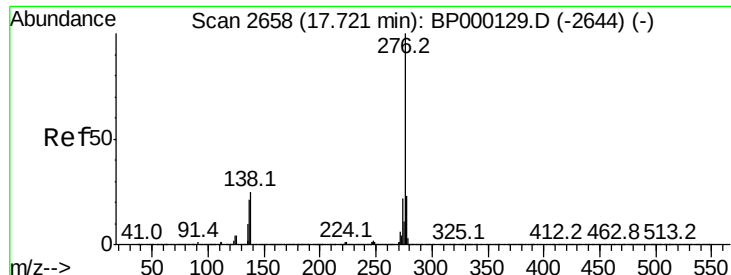


#93

Dibenzo(a,h)anthracene
Concen: 3.997 ng/ul
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BP000142.D
Acq: 09 Sep 2019 19:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.1	22.7
279	28.1	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 12.814 ng/ul

RT: 17.71 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BP000142.D

Acq: 09 Sep 2019 19:13

Instrument :

BNA_P

ClientSampleId :

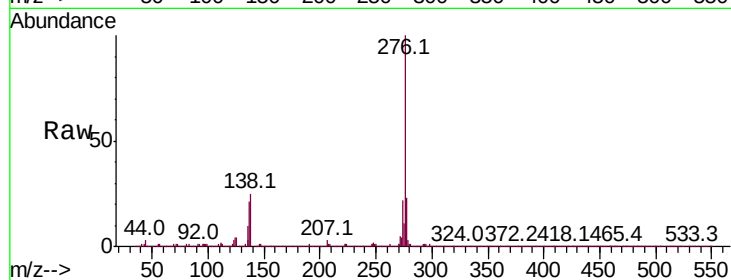
Tot Ion:276 Resp: 864821

Ion Ratio Lower Upper

276 100

138 24.7 20.0 30.0

277 23.1 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

