

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000152.D
 Acq On : 09 Sep 2019 23:17
 Operator : HP/JU
 Sample : K4634-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 10 03:39:53 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	431079	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1658698	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	897816	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1609186	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1191896	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1246035	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	36205	2.98	ng/uL	0.00
5) Phenol-d5	6.50	99	618597	16.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	333390	17.36	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	516491	17.39	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	470513	17.06	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	236975	18.82	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	248415	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.01	165	446003	17.14	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	539519	16.76	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1269519	19.15	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1500431	18.31	ng/ul	0.00
52) 4-Nitrophenol-d4	10.02	143	124668	10.52	ng/ul	-0.01
58) Fluorene-d10	10.46	176	1039159	18.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	92255	12.47	ng/ul	0.00
71) Anthracene-d10	11.50	188	1457970	18.71	ng/ul	0.00
79) Pyrene-d10	12.89	212	1440976	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1249064	19.34	ng/ul	0.00

Target Compounds

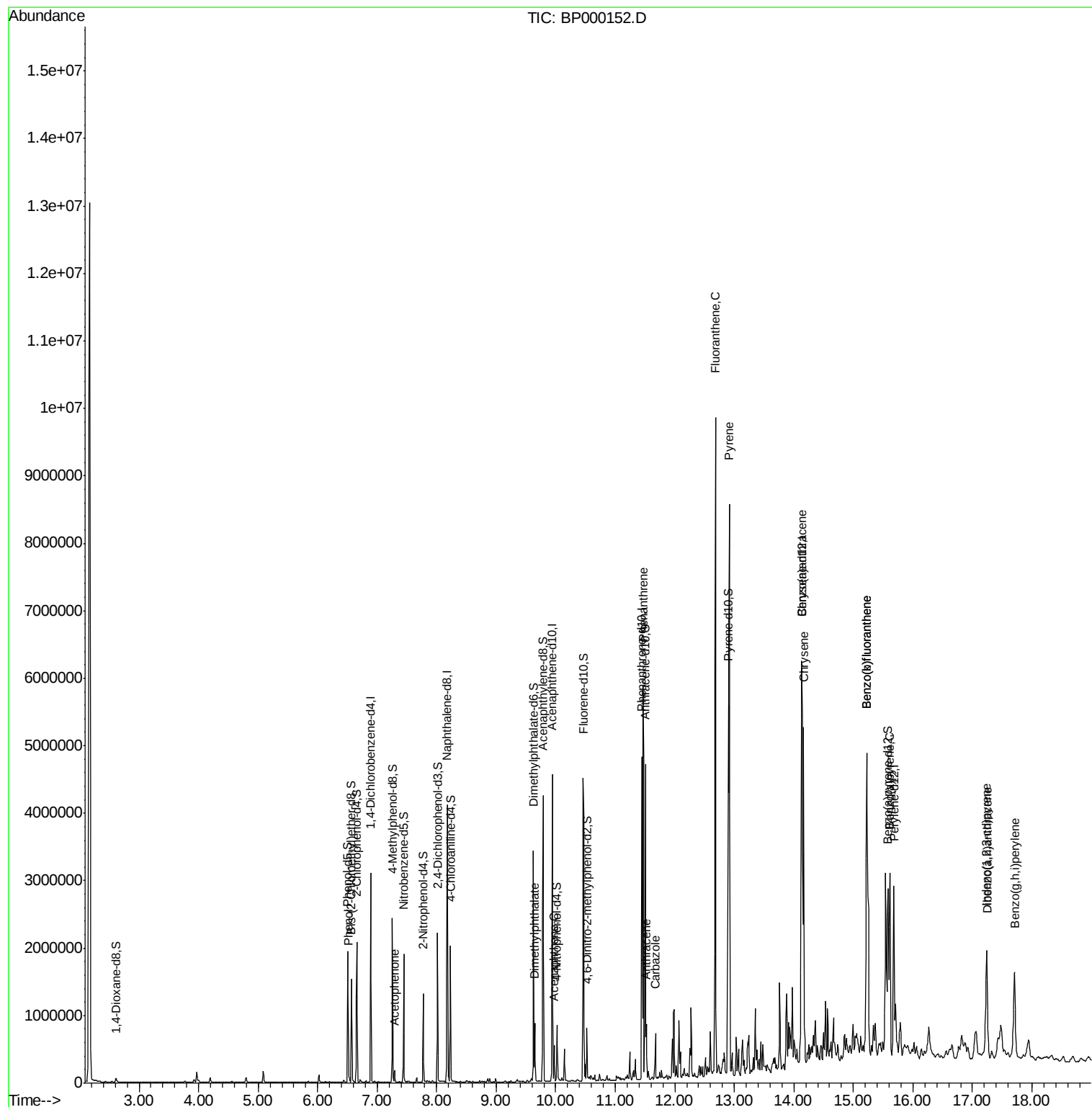
					Ovalue
6) Phenol	6.52	94	118381	3.094	ng/ul 97
14) Acetophenone	7.29	105	46999	1.136	ng/ul 98
45) Dimethylphthalate	9.65	163	289295	4.324	ng/ul 98
50) Acenaphthene	9.97	153	107133	1.806	ng/ul 99
70) Phenanthrene	11.47	178	2086274	21.923	ng/ul 99
72) Anthracene	11.52	178	281985	3.011	ng/ul 99
75) Carbazole	11.67	167	268069	3.348	ng/ul 99
77) Fluoranthene	12.68	202	3940157	41.051	ng/ul 97
80) Pyrene	12.92	202	3225873	35.874	ng/ul 98
83) Benzo(a)anthracene	14.13	228	1612894	18.694	ng/ul 100
85) Chrysene	14.16	228	1941651	24.525	ng/ul 99
88) Benzo(b)fluoranthene	15.23	252	2791502	33.802	ng/ul 98
89) Benzo(k)fluoranthene	15.23	252	2791502	35.859	ng/ul 99
91) Benzo(a)pyrene	15.62	252	1353676	17.470	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	17.24	276	1110672	12.460	ng/ul 100
93) Dibenzo(a,h)anthracene	17.25	278	320630	4.343	ng/ul 98
94) Benzo(g,h,i)perylene	17.70	276	1089718	14.662	ng/ul 99

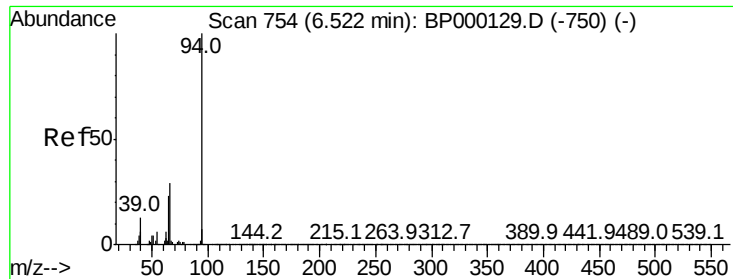
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 3.094 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

Instrument :

BNA_P

ClientSampleId :

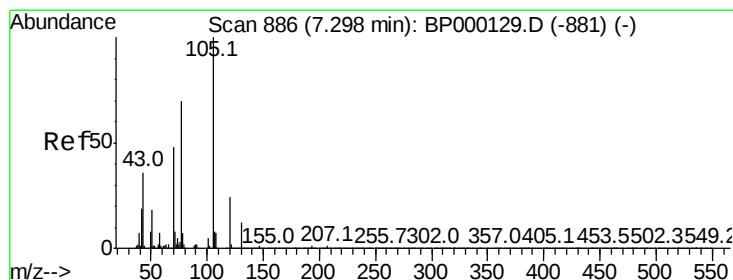
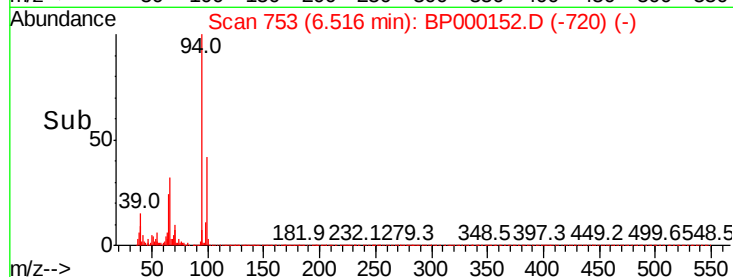
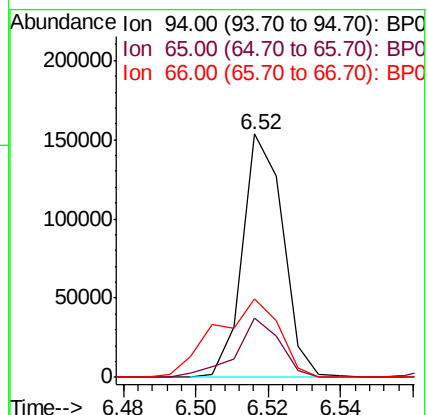
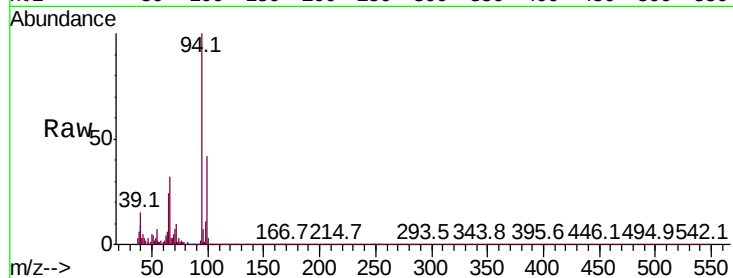
Tot Ion: 94 Resp: 118381

Ion Ratio Lower Upper

94 100

65 24.2 18.8 28.2

66 32.3 24.2 36.2



#14

Acetophenone

Concen: 1.136 ng/ul

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

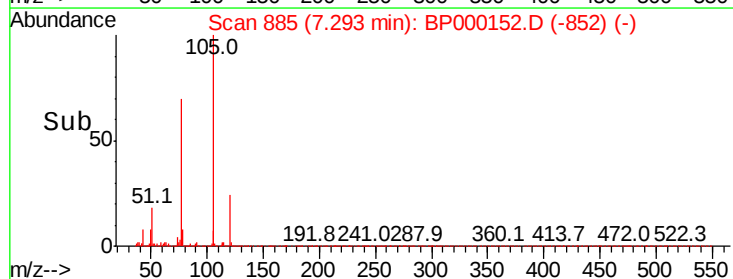
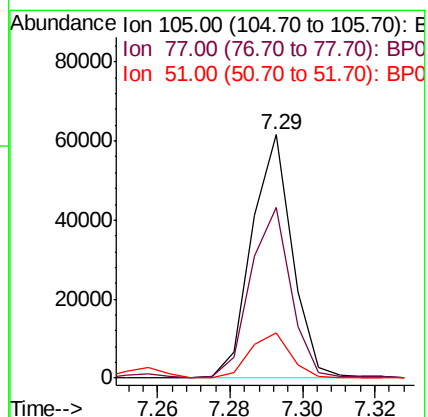
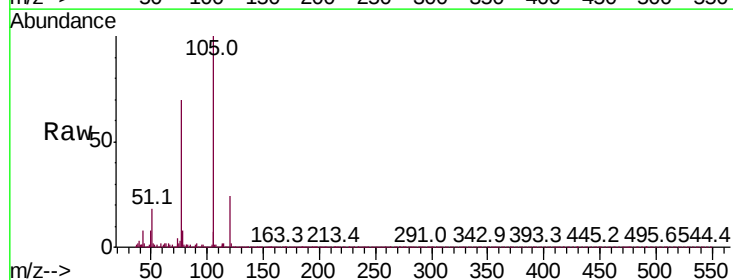
Tgt Ion: 105 Resp: 46999

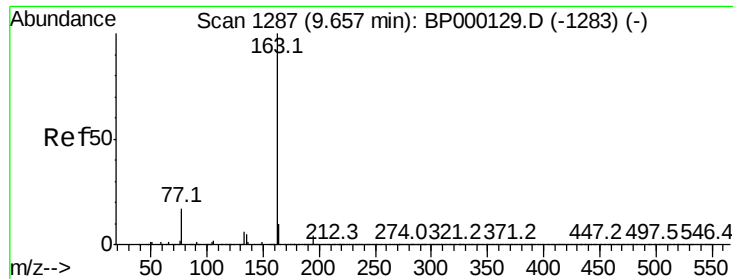
Ion Ratio Lower Upper

105 100

77 69.9 57.2 85.8

51 18.4 14.7 22.1

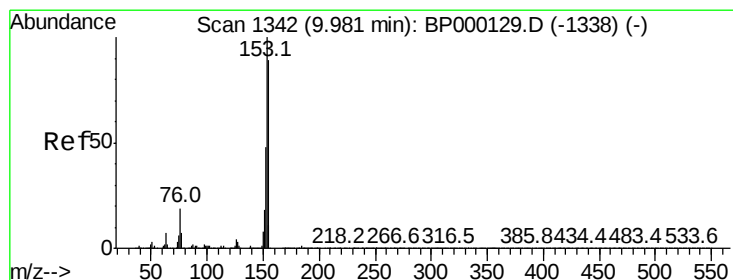
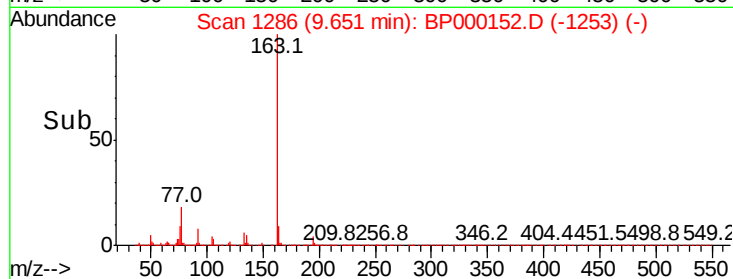
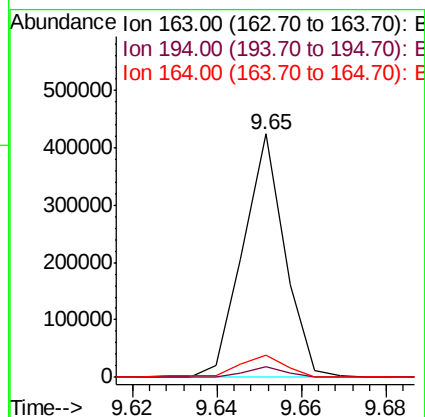
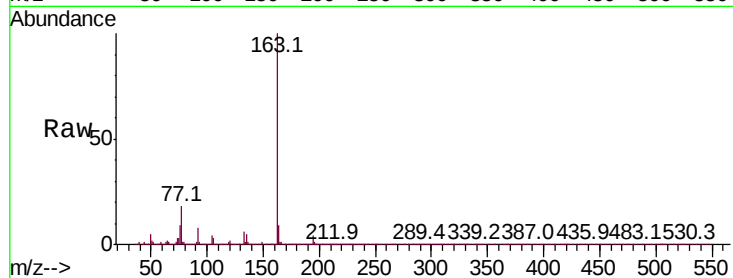




#45
Dimethylphthalate
Concen: 4.324 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

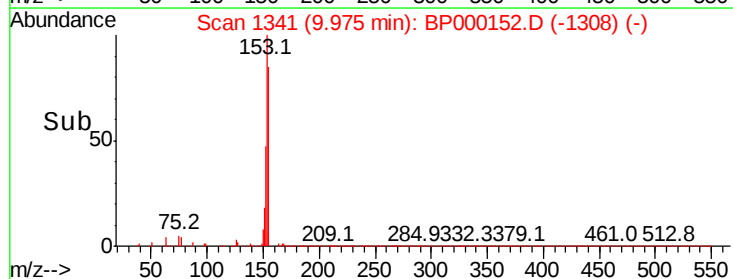
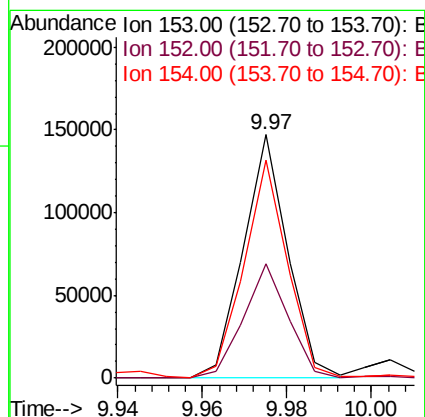
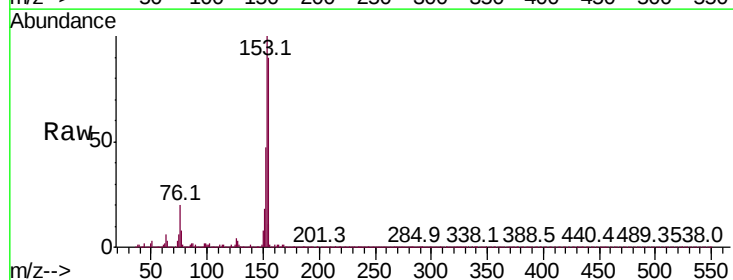
Instrument :
BNA_P
ClientSampled :

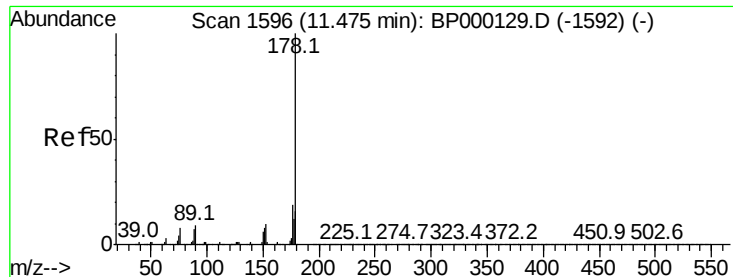
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.3	8.4	12.6



#50
Acenaphthene
Concen: 1.806 ng/ul
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.0	57.0
154	89.8	72.6	108.8





#70

Phenanthrene

Concen: 21.923 ng/ul

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

Instrument :

BNA_P

ClientSampleId :

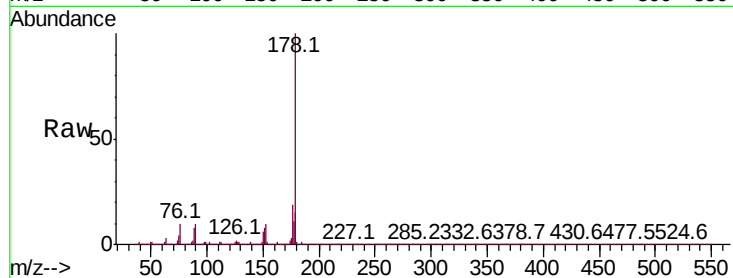
Tot Ion:178 Resp: 2086274

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

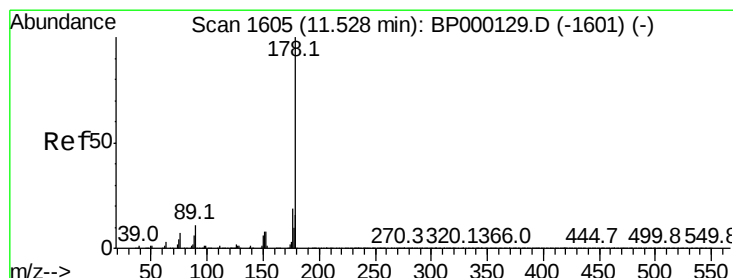
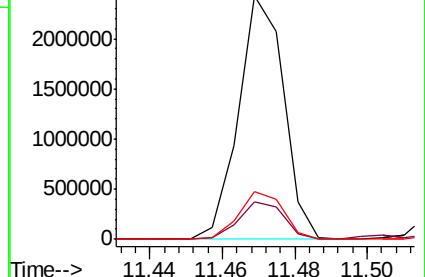
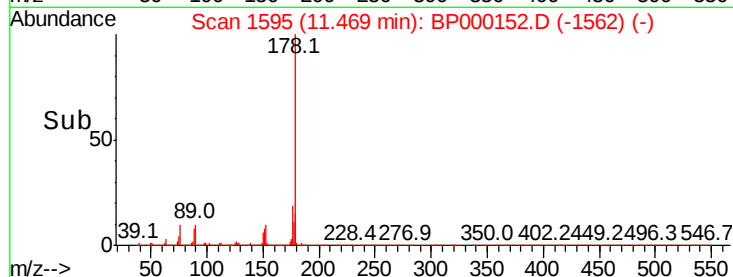
176 19.5 15.7 23.5



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: 3.011 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

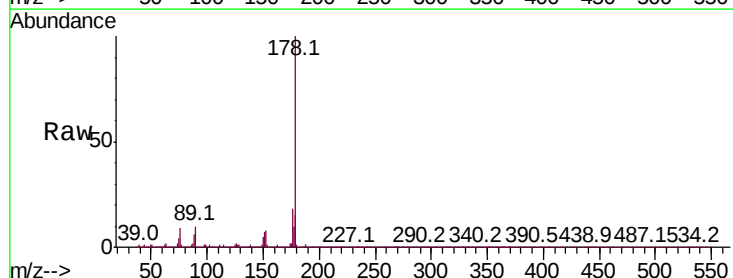
Tgt Ion:178 Resp: 281985

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

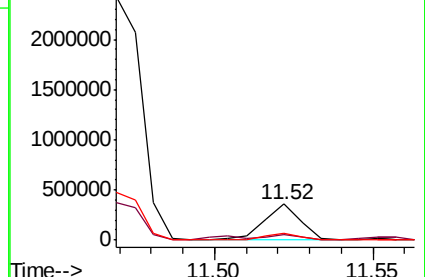
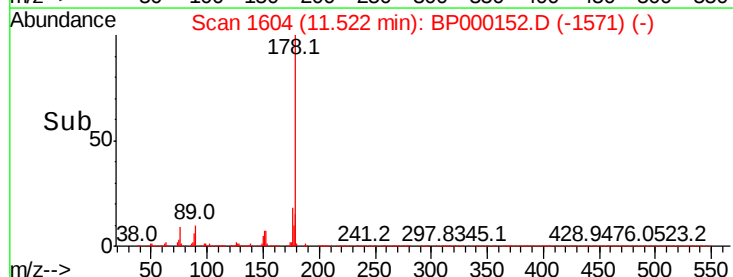
176 18.4 15.1 22.7

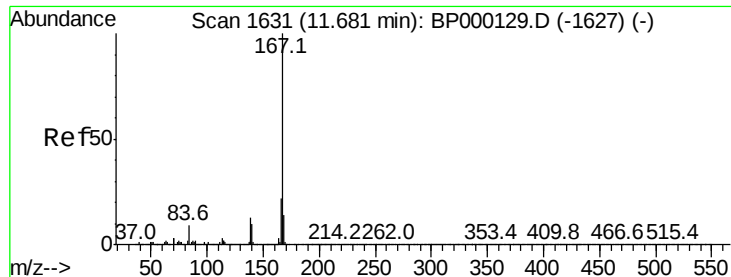


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 3.348 ng/ul

RT: 11.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

Instrument :

BNA_P

ClientSampleId :

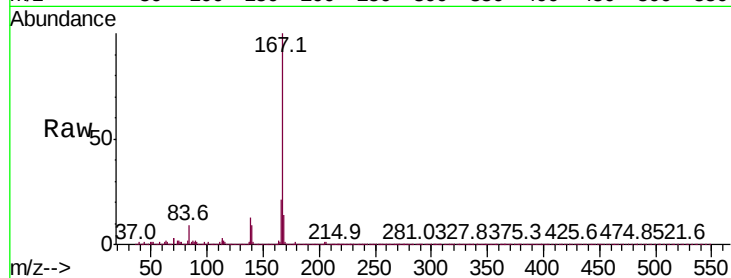
Tot Ion:167 Resp: 268069

Ion Ratio Lower Upper

167 100

166 21.0 17.3 25.9

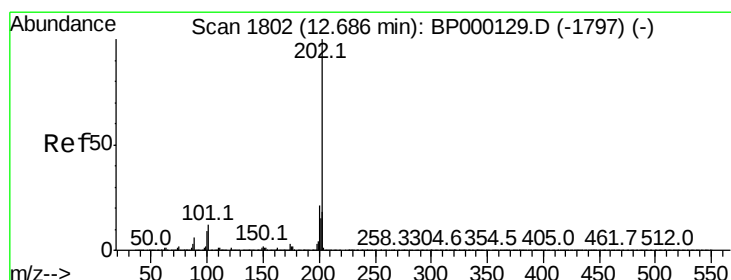
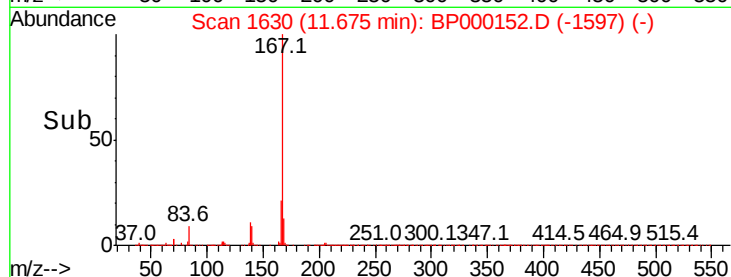
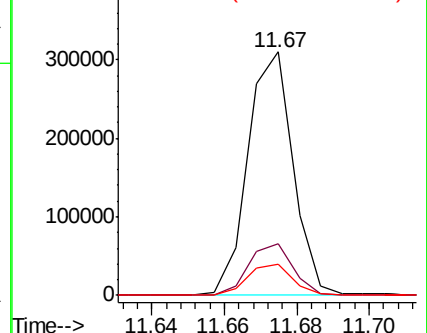
139 12.5 10.6 15.8



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: 41.051 ng/ul

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

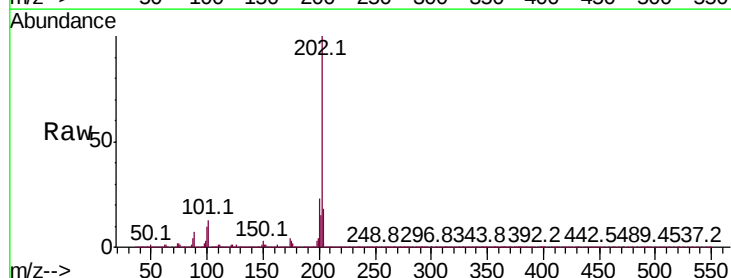
Tgt Ion:202 Resp: 3940157

Ion Ratio Lower Upper

202 100

101 13.5 10.0 15.0

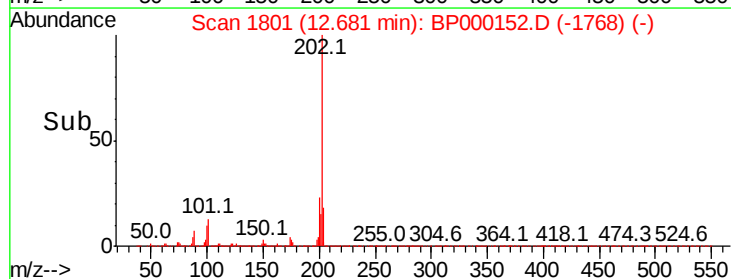
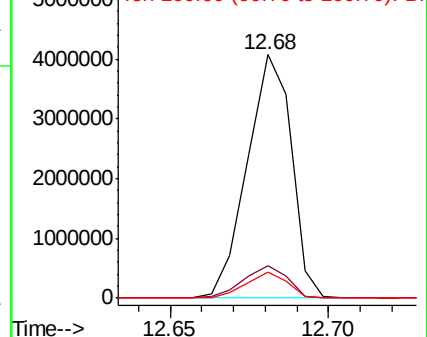
100 10.5 7.4 11.2

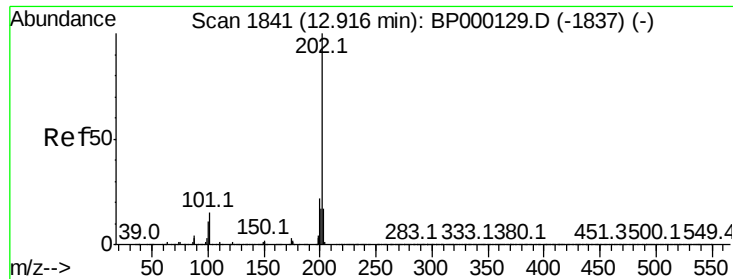


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

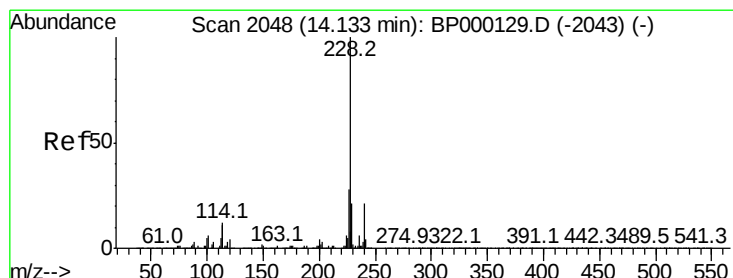
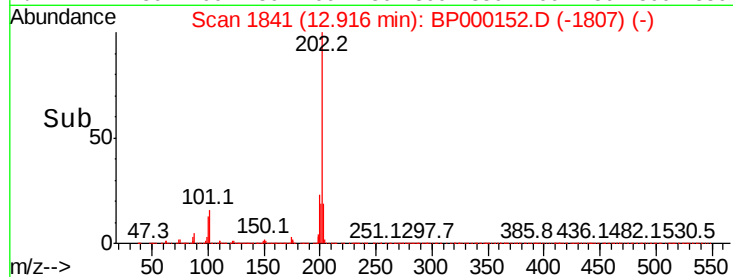
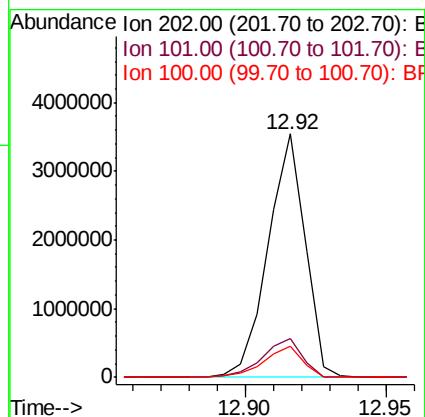
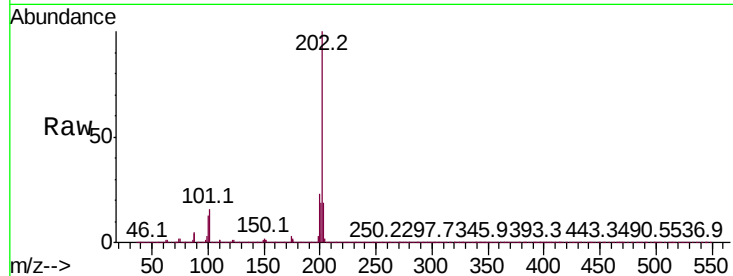




#80
Pvrene
Concen: 35.874 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

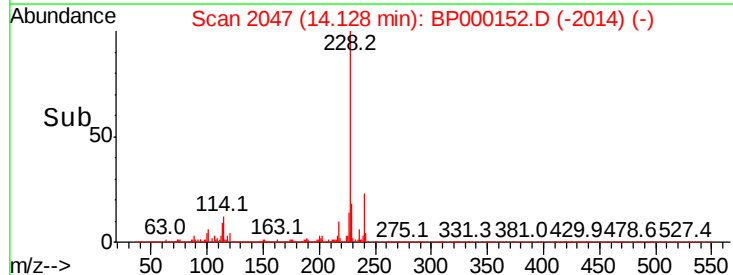
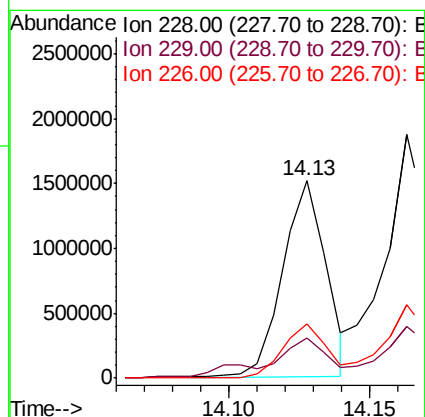
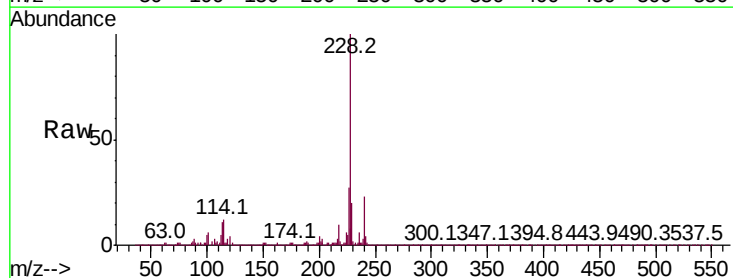
Instrument :
BNA_P
ClientSampleId :

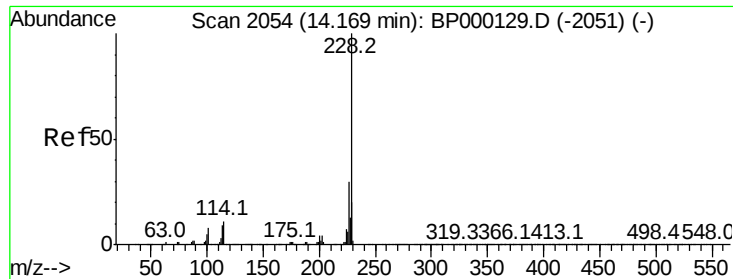
Tot Ion:202 Resp: 3225873
Ion Ratio Lower Upper
202 100
101 15.7 13.4 20.0
100 12.5 10.8 16.2



#83
Benzo(a)anthracene
Concen: 18.694 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:228 Resp: 1612894
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.4 22.1 33.1





#85

Chrysene

Concen: 24.525 ng/ul

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

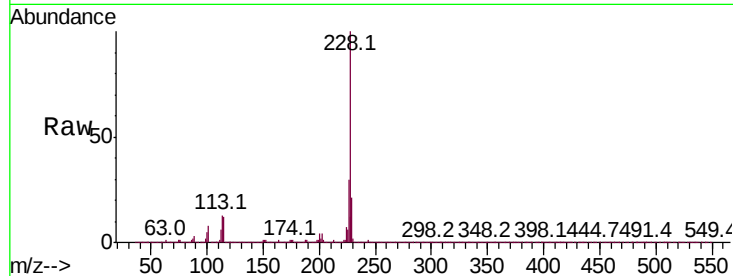
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 1941651

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	21.1	16.0	24.0

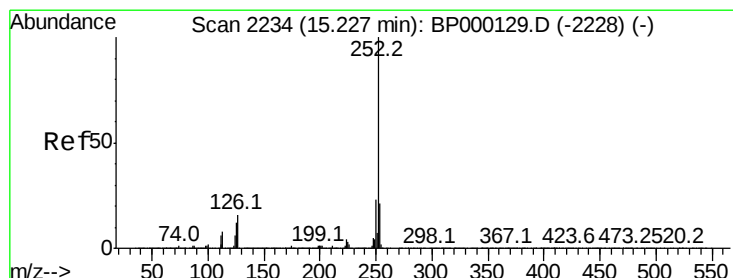
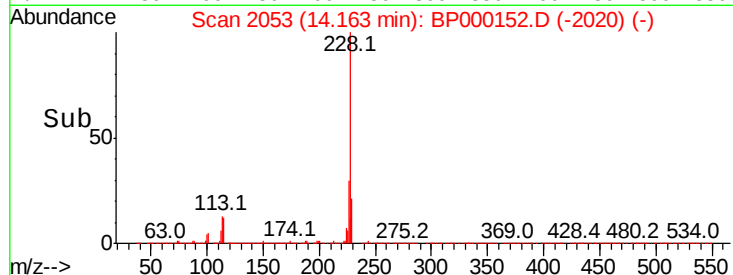
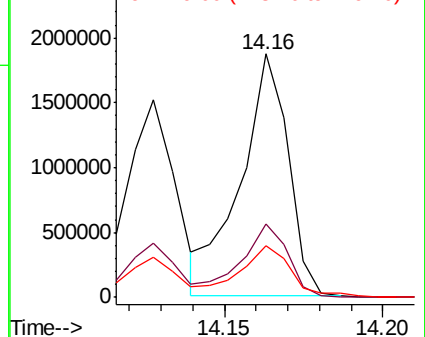


Abundance

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: 33.802 ng/ul

RT: 15.23 min Scan# 2234

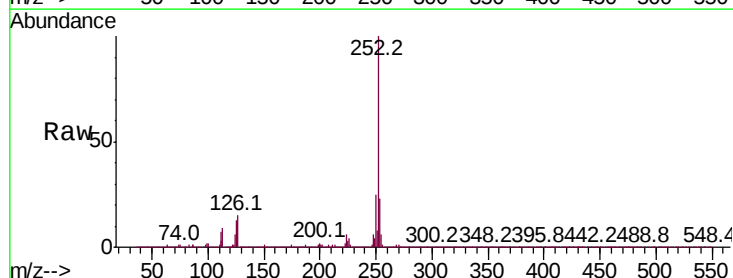
Delta R.T. 0.00 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

Tgt Ion:252 Resp: 2791502

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.1	9.9	14.9

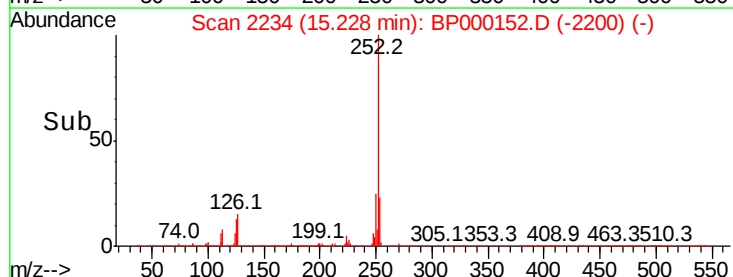
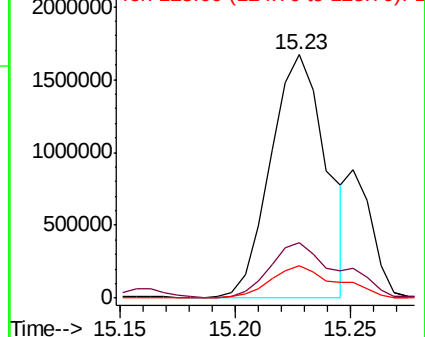


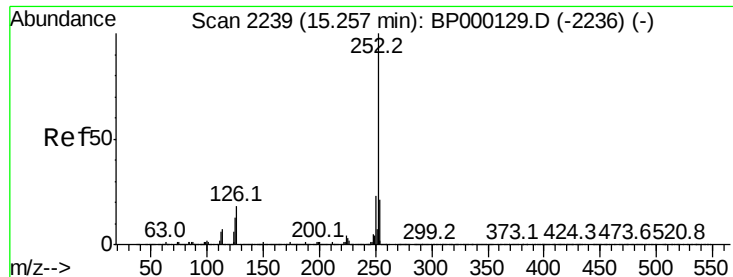
Abundance

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: 35.859 ng/ul

RT: 15.23 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

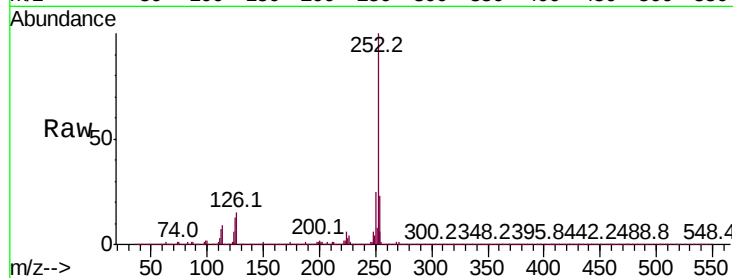
Instrument :

BNA_P

ClientSampled :

Tot Ion:252 Resp: 2791502

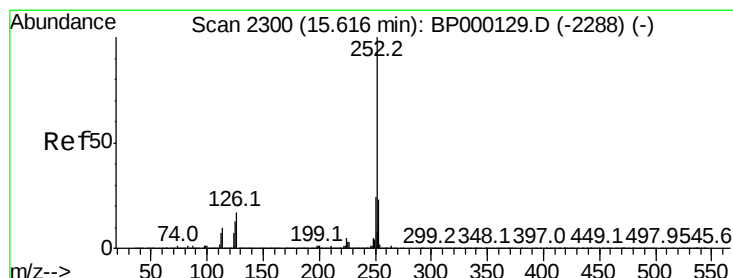
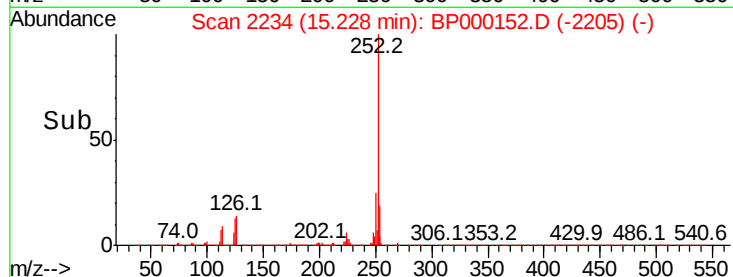
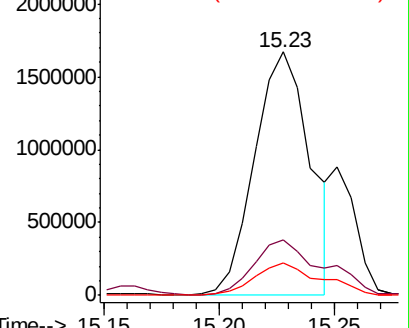
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.1	10.2	15.2



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: 17.470 ng/ul

RT: 15.62 min Scan# 2300

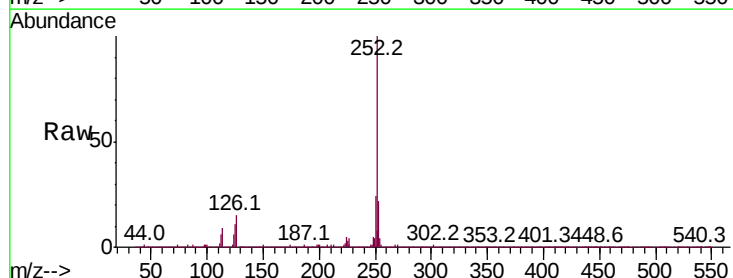
Delta R.T. 0.00 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

Tgt Ion:252 Resp: 1353676

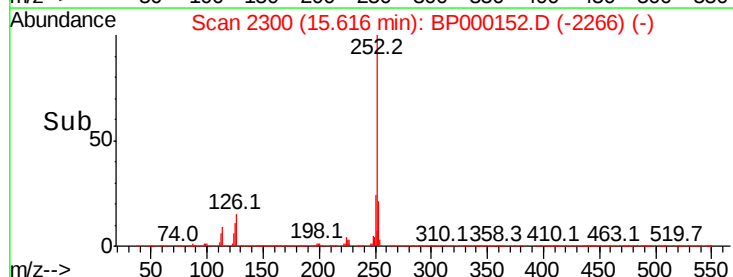
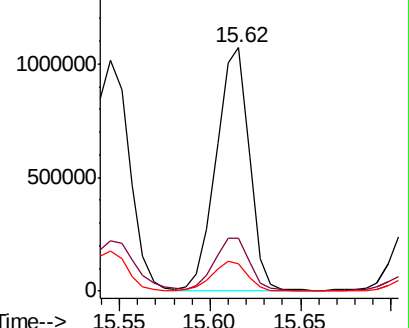
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.4	10.2	15.2

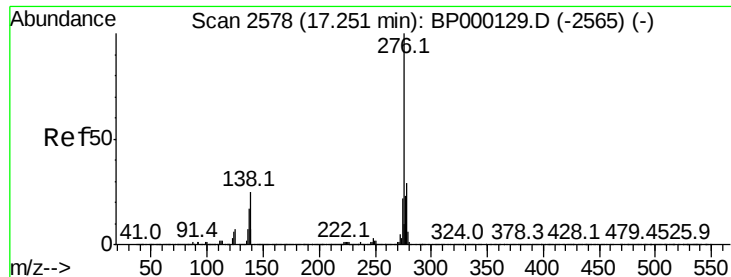


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



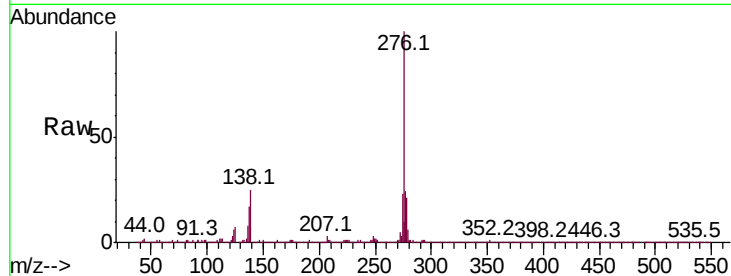


#92

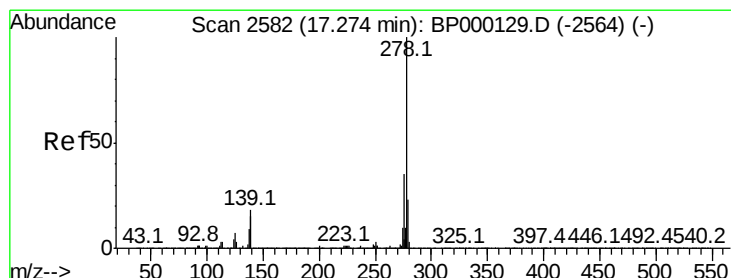
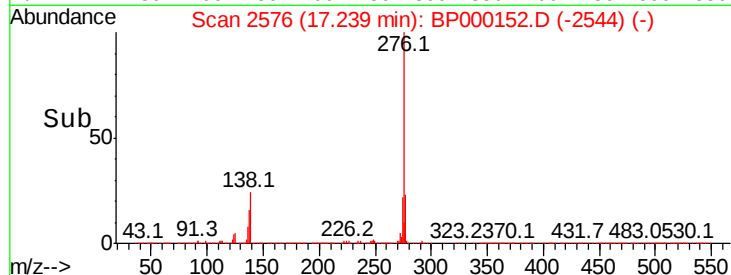
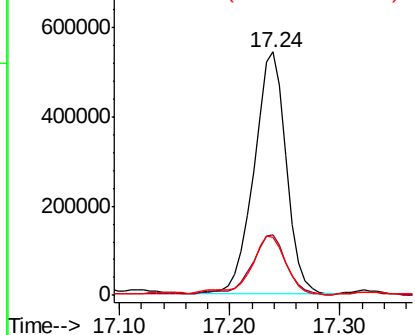
Indeno(1,2,3-cd)pyrene
Concen: 12.460 ng/ul
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Instrument :
BNA_P
ClientSampleId :

Tot Ion:276 Resp: 1110672
Ion Ratio Lower Upper
276 100
138 25.1 20.0 30.0
277 23.9 19.4 29.0



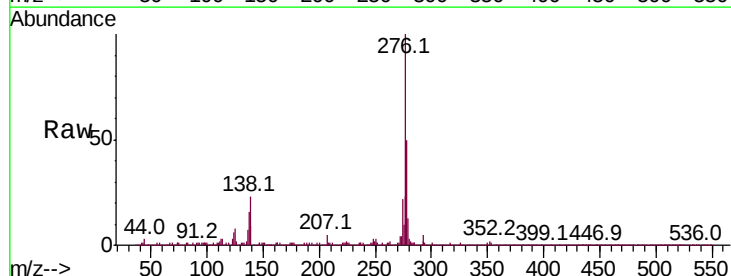
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



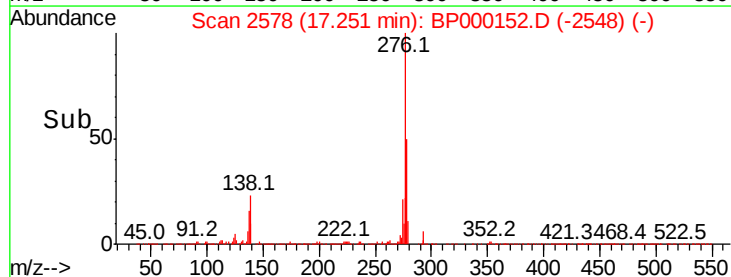
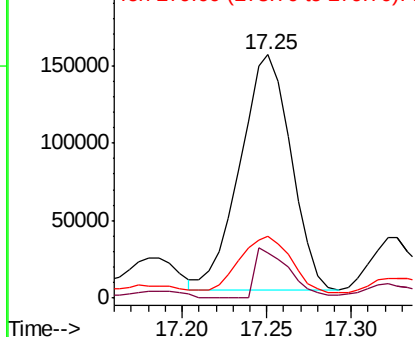
#93

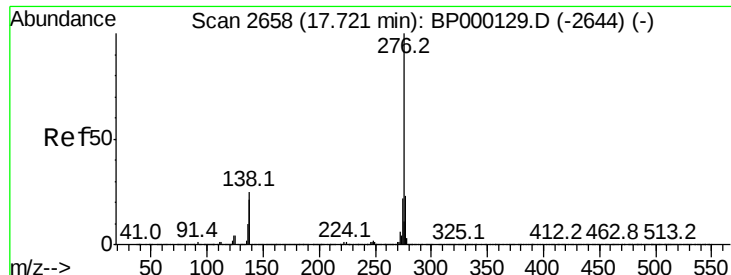
Dibenzo(a,h)anthracene
Concen: 4.343 ng/ul
RT: 17.25 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BP000152.D
Acq: 09 Sep 2019 23:17

Tgt Ion:278 Resp: 320630
Ion Ratio Lower Upper
278 100
139 18.4 15.1 22.7
279 25.5 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 14.662 ng/ul

RT: 17.70 min Scan# 2655

Delta R.T. -0.02 min

Lab File: BP000152.D

Acq: 09 Sep 2019 23:17

Instrument :

BNA_P

ClientSampleId :

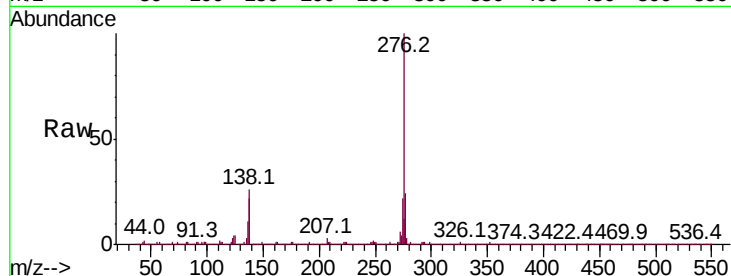
Tot Ion:276 Resp: 1089718

Ion Ratio Lower Upper

276 100

138 25.9 20.0 30.0

277 23.6 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

