

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000178.D
 Acq On : 10 Sep 2019 20:38
 Operator : HP/JU
 Sample : K4634-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 01:59:09 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	428270	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1664130	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	943817	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1680750	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1155564	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1232616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	29993	2.48	ng/uL	0.01
5) Phenol-d5	6.50	99	609830	16.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	304102	15.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	491550	16.66	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	470523	17.17	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	229317	18.15	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	254020	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.01	165	453459	17.37	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	429049	13.29	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1294464	18.57	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1549738	17.99	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	174525	14.01	ng/ul	0.00
58) Fluorene-d10	10.47	176	1075330	18.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	107938	13.97	ng/ul	0.00
71) Anthracene-d10	11.50	188	1490348	18.31	ng/ul	0.00
79) Pyrene-d10	12.90	212	1449371	21.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1187984	18.59	ng/ul	0.00

Target Compounds

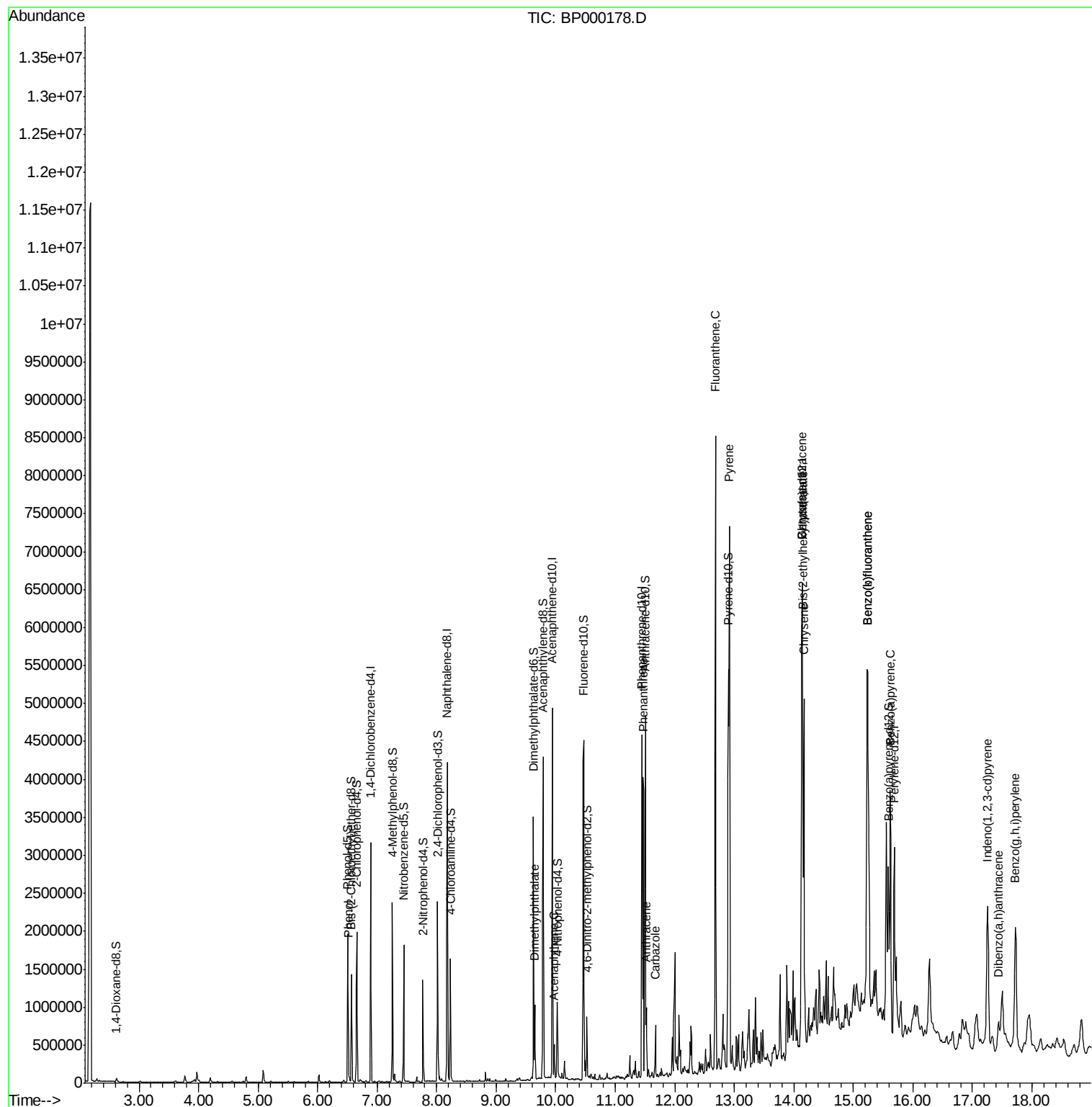
					Ovalue
6) Phenol	6.52	94	118662	3.121 ng/ul	97
45) Dimethylphthalate	9.65	163	318941	4.535 ng/ul	98
50) Acenaphthene	9.98	153	90726	1.455 ng/ul	93
70) Phenanthrene	11.47	178	1509662	15.189 ng/ul	98
72) Anthracene	11.52	178	291836	2.984 ng/ul	99
75) Carbazole	11.67	167	249565	2.984 ng/ul	98
77) Fluoranthene	12.69	202	3556644	35.477 ng/ul	100
80) Pyrene	12.92	202	3007826	34.500 ng/ul	98
83) Benzo(a)anthracene	14.13	228	1792226	21.426 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	14.15	149	58199	1.225 ng/ul	95
85) Chrysene	14.17	228	1934456	25.202 ng/ul	97
88) Benzo(b)fluoranthene	15.23	252	3147083	38.522 ng/ul	99
89) Benzo(k)fluoranthene	15.23	252	3147083	40.866 ng/ul	99
91) Benzo(a)pyrene	15.62	252	1617831	21.107 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.25	276	1434909	16.272 ng/ul	99
93) Dibenzo(a,h)anthracene	17.44	278	197220	2.700 ng/ul	98
94) Benzo(g,h,i)perylene	17.72	276	1430107	19.451 ng/ul	95

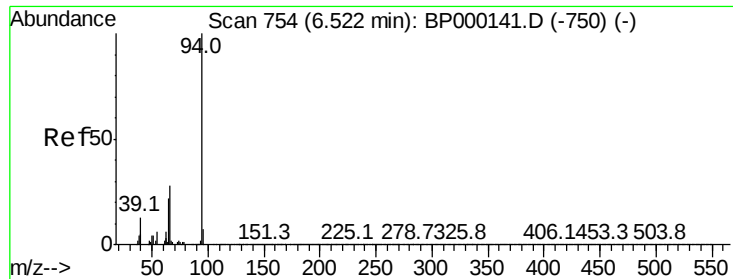
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 3.121 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :

BNA_P

ClientSampleId :

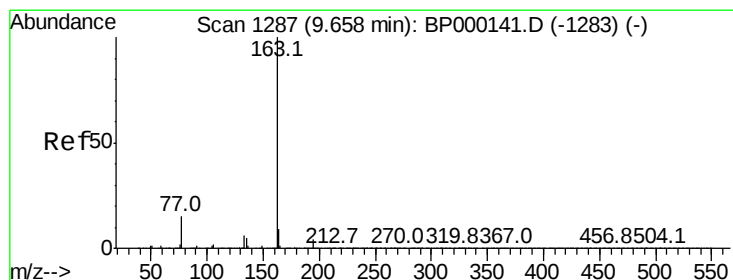
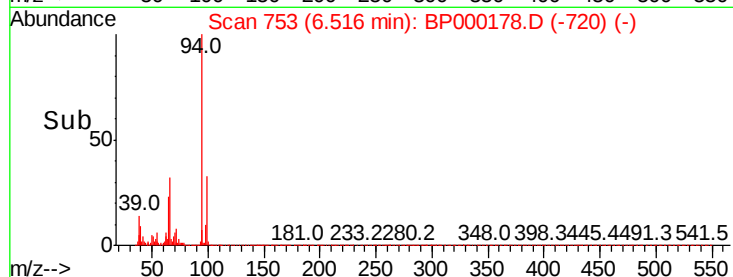
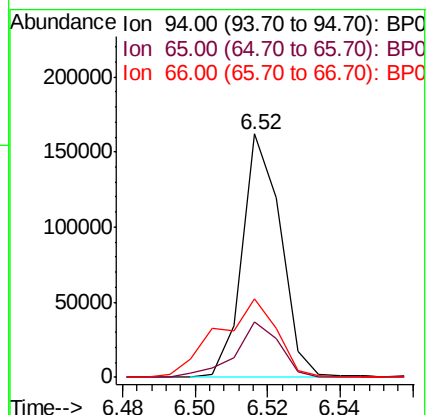
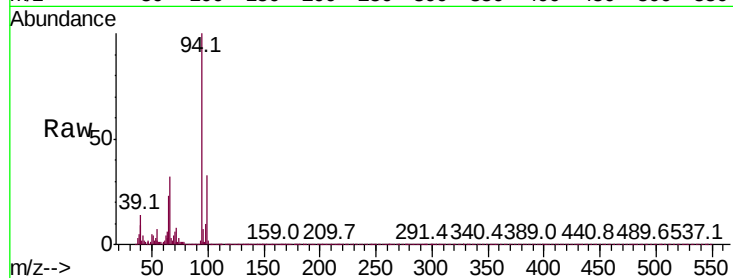
Tot Ion: 94 Resp: 118662

Ion Ratio Lower Upper

94 100

65 22.9 18.8 28.2

66 32.1 24.2 36.2



#45

Dimethylphthalate

Concen: 4.535 ng/ul

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

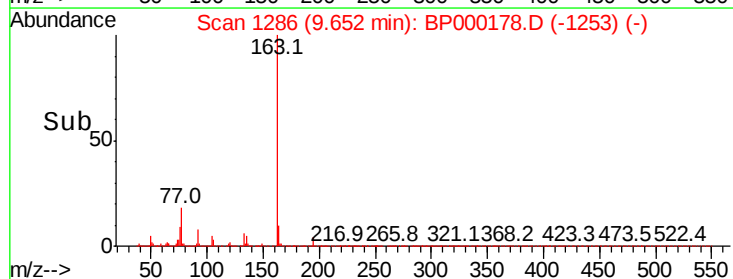
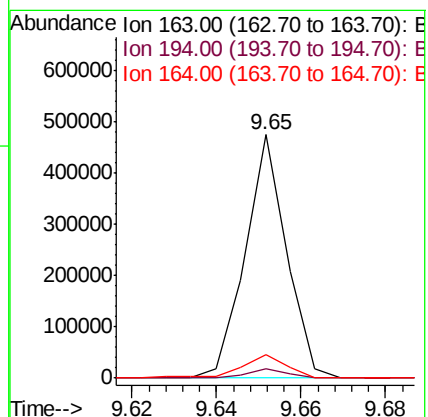
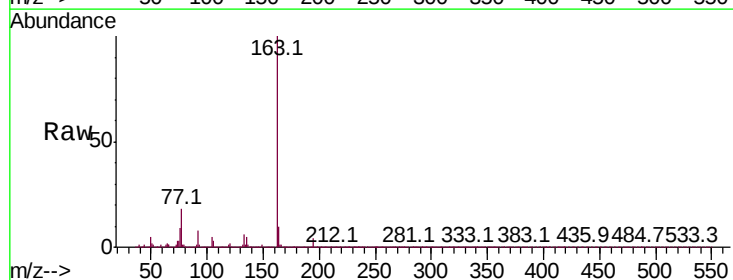
Tgt Ion: 163 Resp: 318941

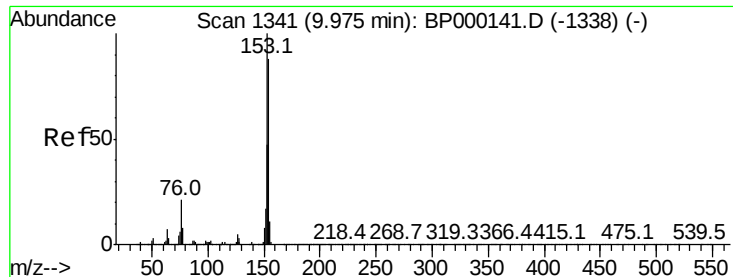
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.7 8.4 12.6

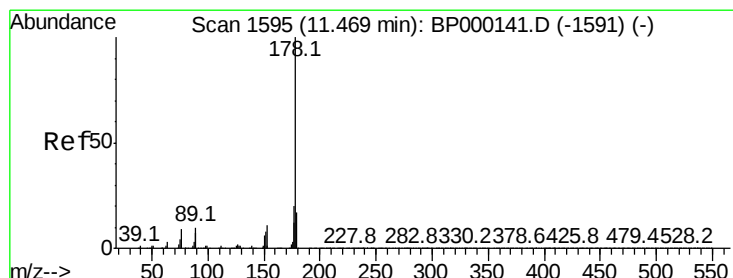
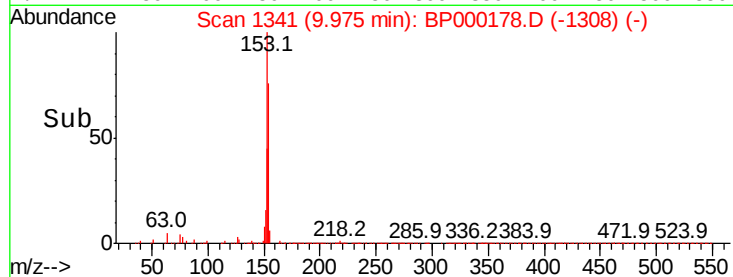
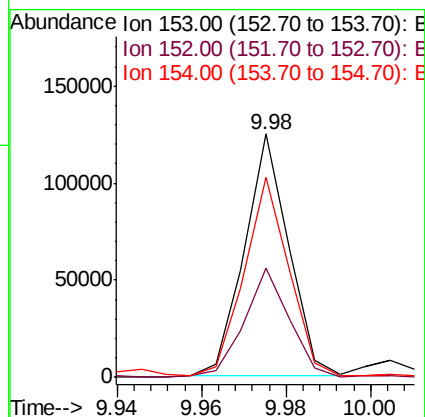
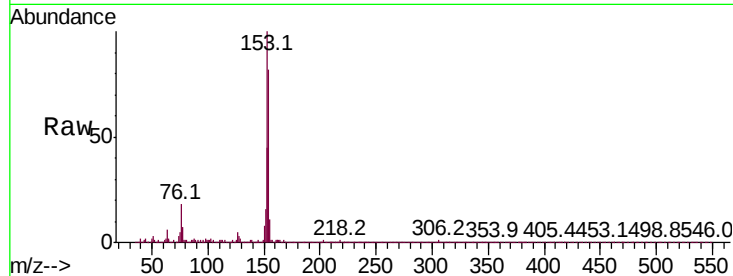




#50
Acenaphthene
Concen: 1.455 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

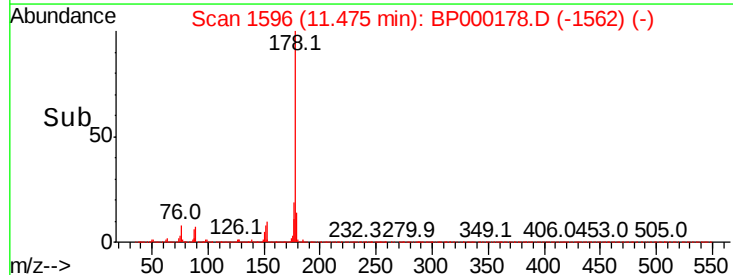
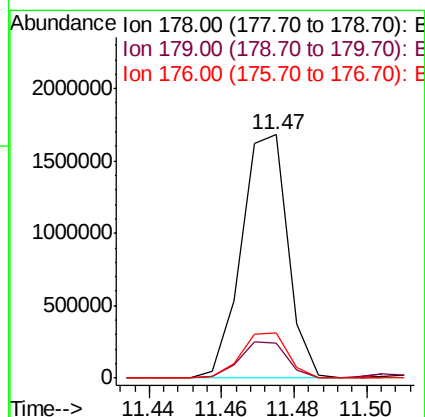
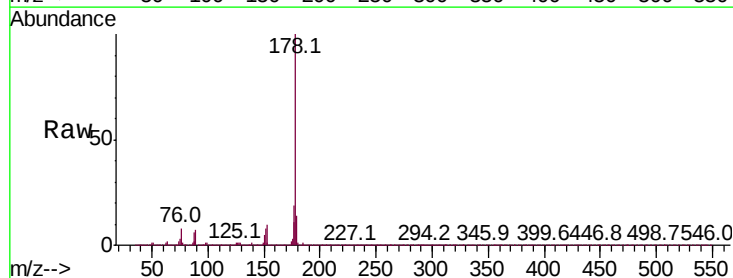
Instrument :
BNA_P
ClientSampleId :

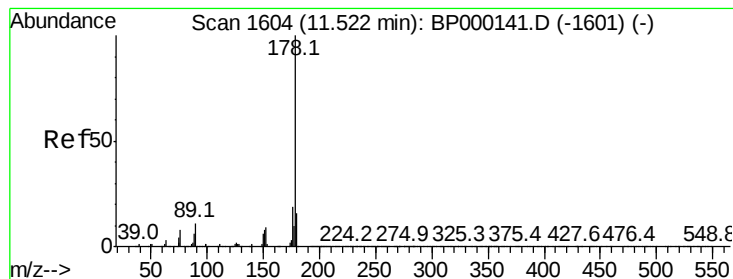
Tot Ion:153 Resp: 90726
Ion Ratio Lower Upper
153 100
152 45.0 38.0 57.0
154 82.2 72.6 108.8



#70
Phenanthrene
Concen: 15.189 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Tgt Ion:178 Resp: 1509662
Ion Ratio Lower Upper
178 100
179 14.3 12.5 18.7
176 18.8 15.7 23.5





#72

Anthracene

Concen: 2.984 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

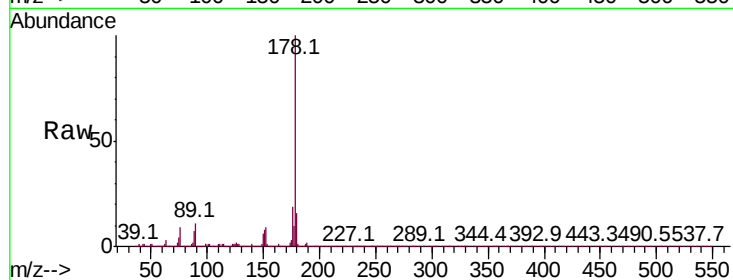
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 291836

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.3	15.1	22.7

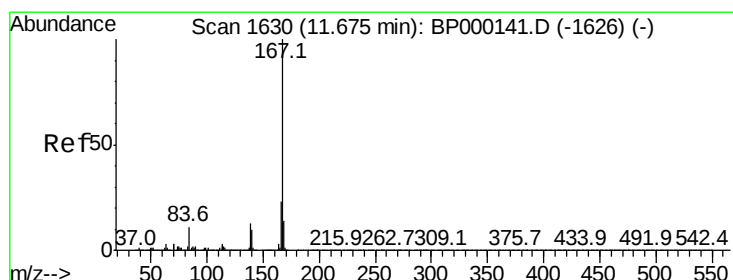
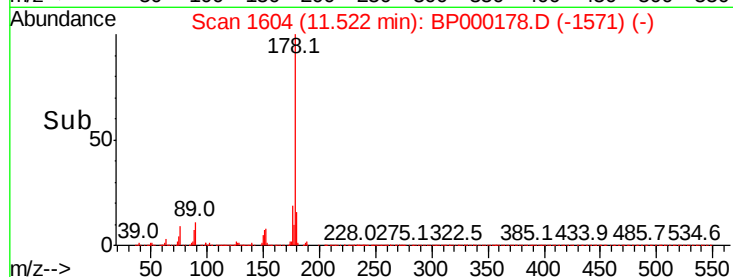
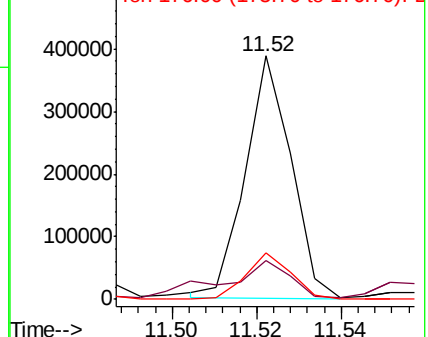


Abundance

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: 2.984 ng/ul

RT: 11.67 min Scan# 1630

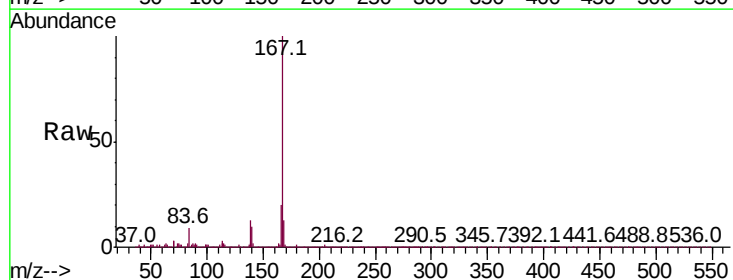
Delta R.T. -0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Tgt Ion:167 Resp: 249565

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.3	25.9
139	12.7	10.6	15.8

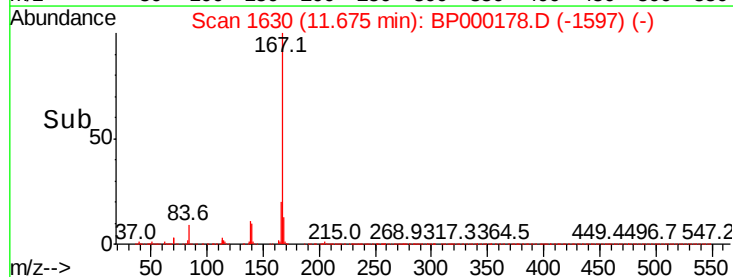
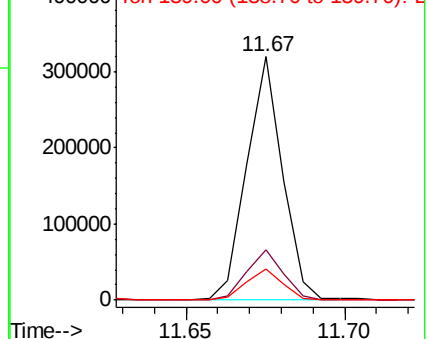


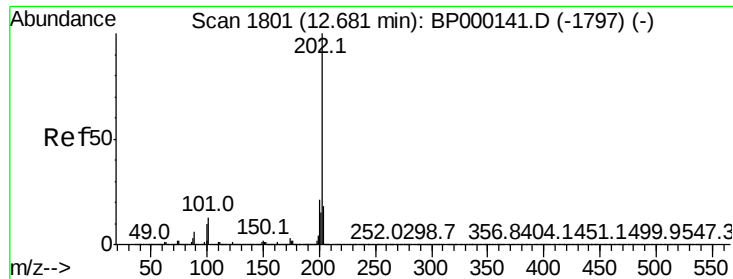
Abundance

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

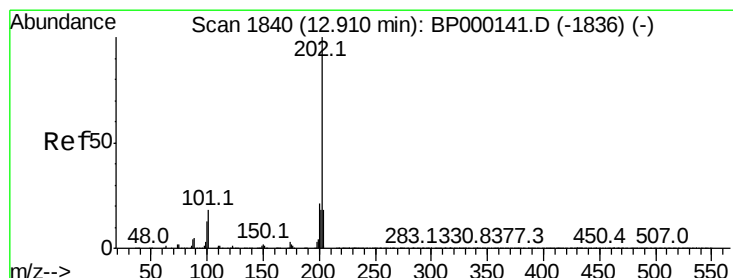
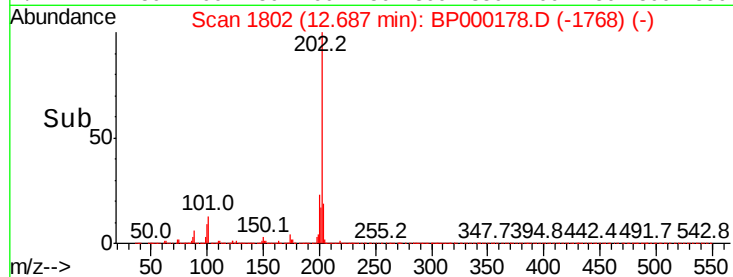
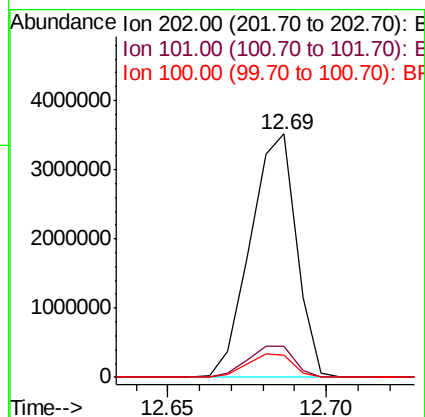
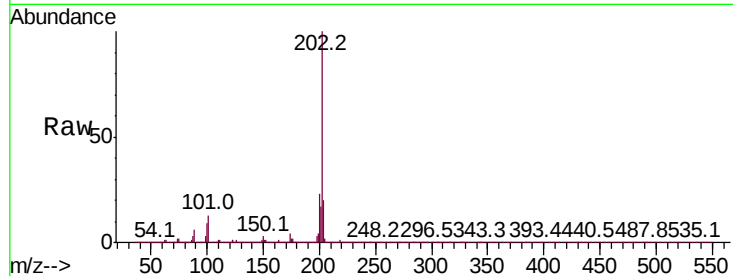




#77
Fluoranthene
Concen: 35.477 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

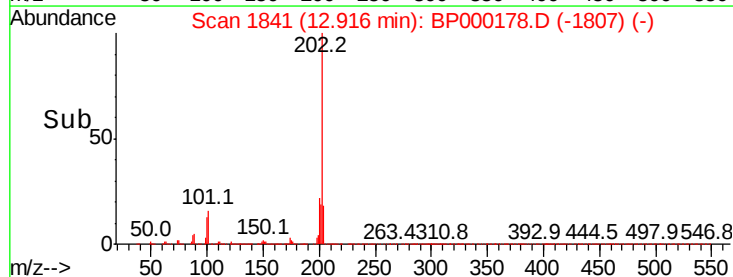
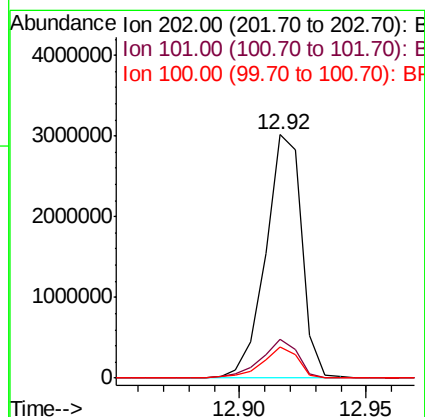
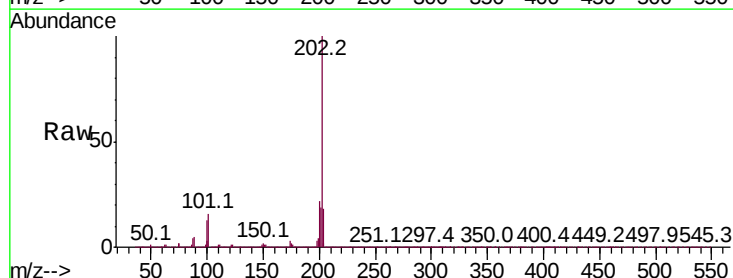
Instrument :
BNA_P
ClientSampleId :

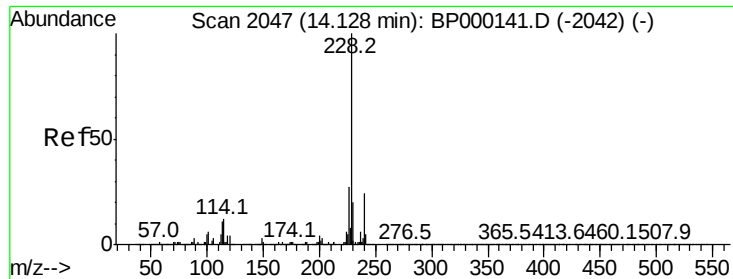
Tot Ion:202 Resp: 3556644
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 9.2 7.4 11.2



#80
Pyrene
Concen: 34.500 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Tgt Ion:202 Resp: 3007826
Ion Ratio Lower Upper
202 100
101 15.7 13.4 20.0
100 12.9 10.8 16.2





#83

Benzo(a)anthracene

Concen: 21.426 ng/ul

RT: 14.13 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :

BNA_P

ClientSampleId :

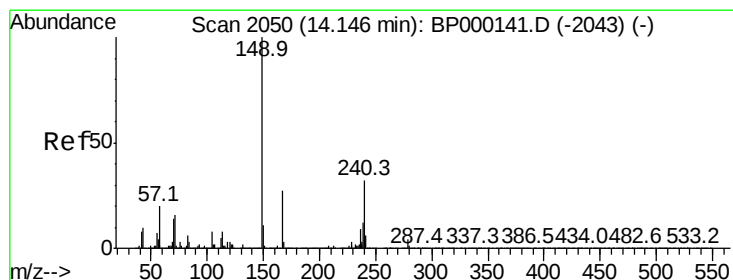
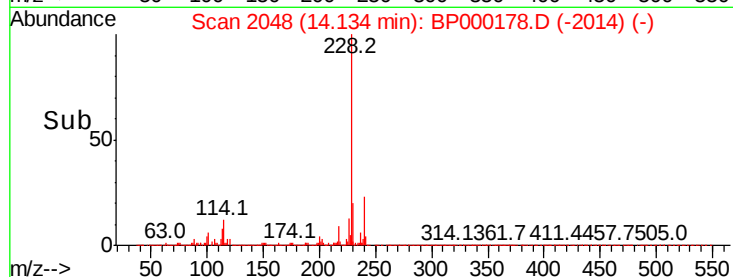
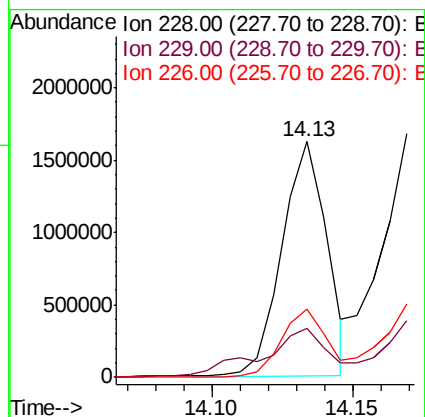
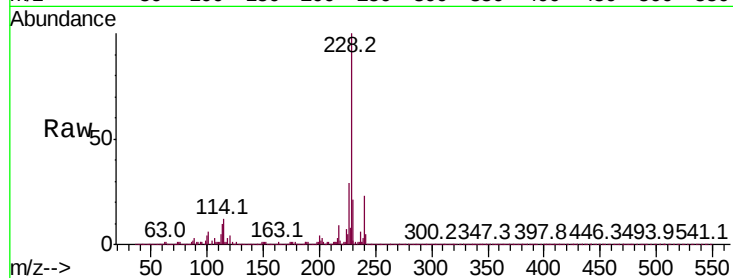
Tot Ion:228 Resp: 1792226

Ion Ratio Lower Upper

228 100

229 20.7 15.9 23.9

226 29.0 22.1 33.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.225 ng/ul

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

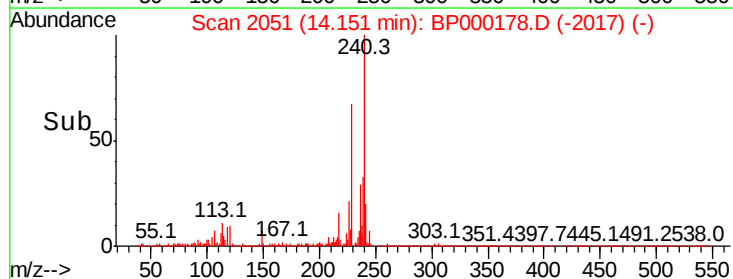
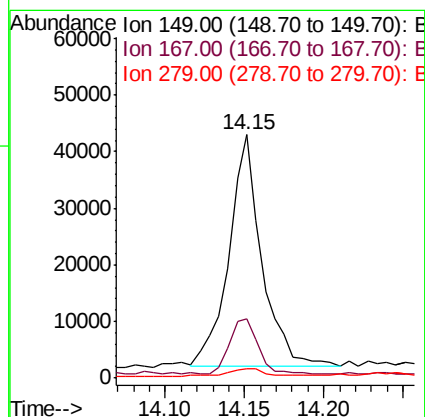
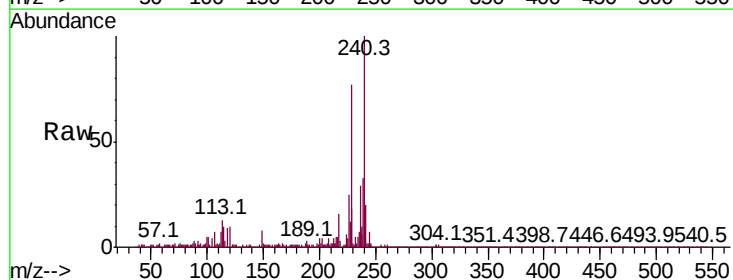
Tgt Ion:149 Resp: 58199

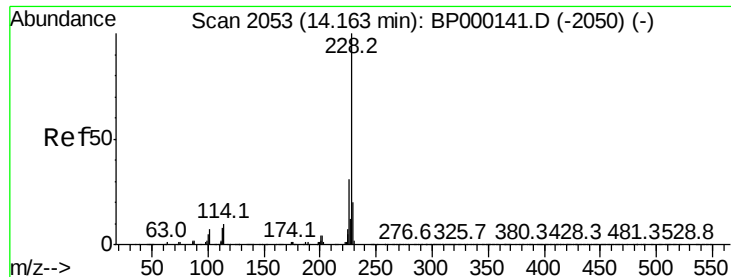
Ion Ratio Lower Upper

149 100

167 24.2 21.8 32.8

279 4.0 3.0 4.4





#85

Chrysene

Concen: 25.202 ng/ul

RT: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :

BNA_P

ClientSampleId :

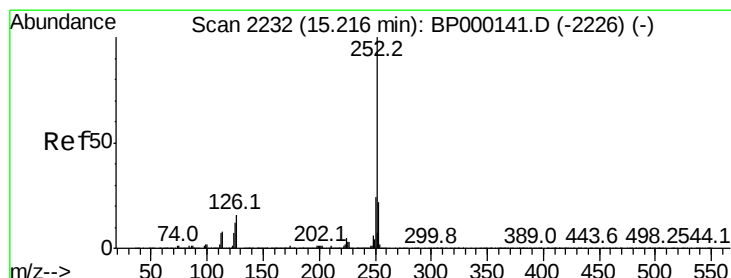
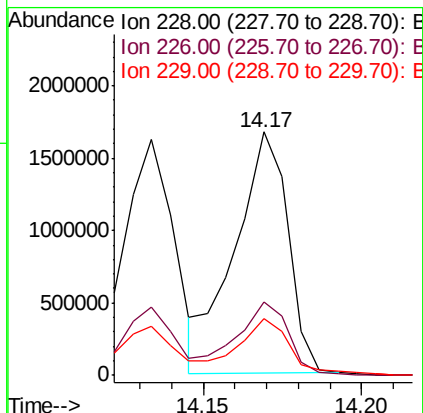
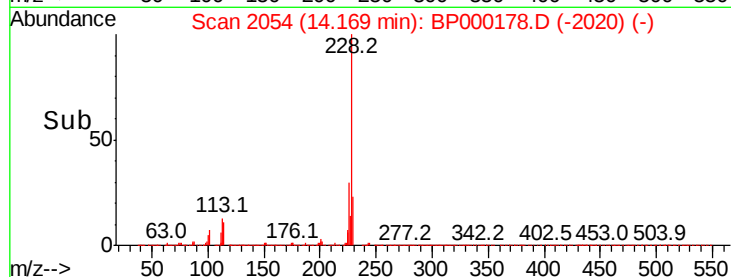
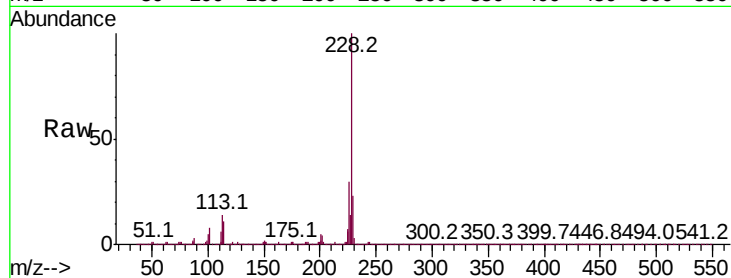
Tot Ion:228 Resp: 1934456

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	23.4	16.0	24.0

228 100

226 30.2 24.4 36.6

229 23.4 16.0 24.0



#88

Benzo(b)fluoranthene

Concen: 38.522 ng/ul

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

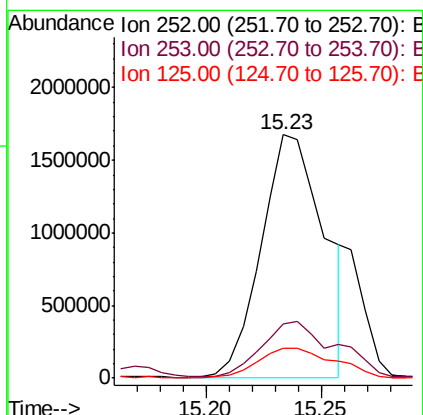
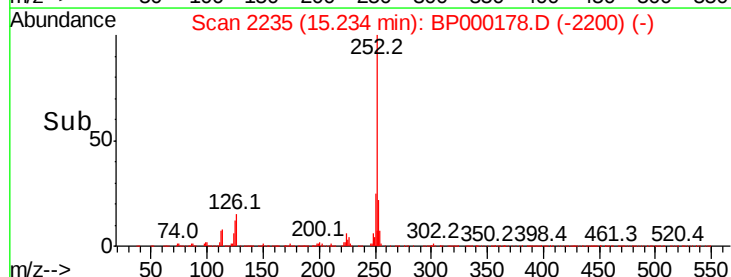
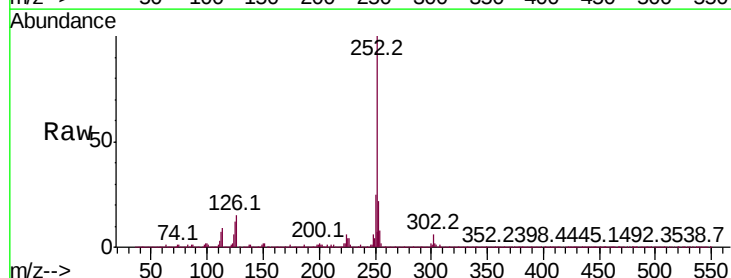
Tgt Ion:252 Resp: 3147083

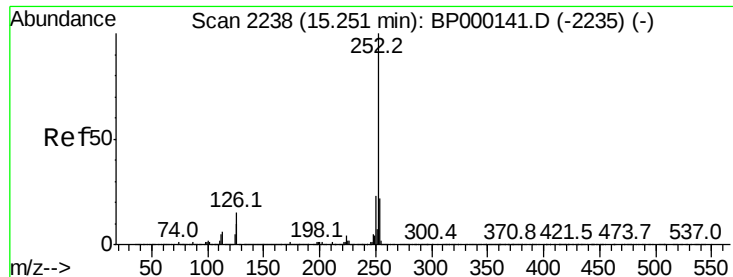
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.1	9.9	14.9

252 100

253 22.4 17.5 26.3

125 12.1 9.9 14.9





#89

Benzo(k)fluoranthene

Concen: 40.866 ng/ul

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

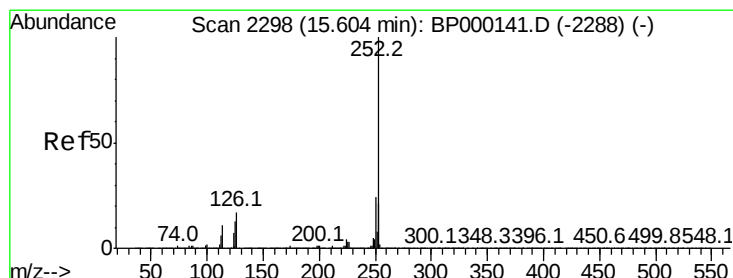
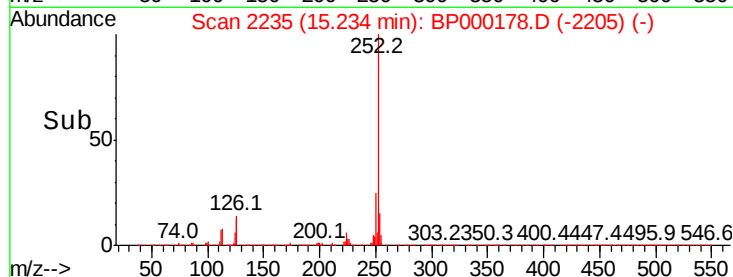
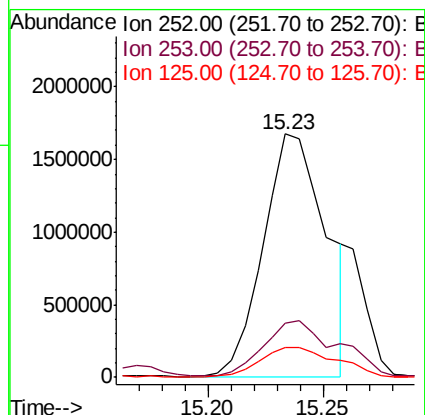
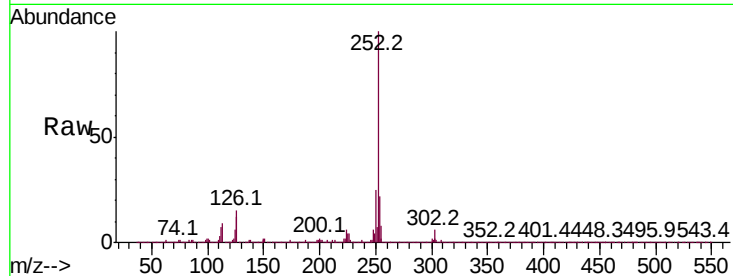
Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion:252 Resp: 3147083

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.1	10.2	15.2



#91

Benzo(a)pyrene

Concen: 21.107 ng/ul

RT: 15.62 min Scan# 2301

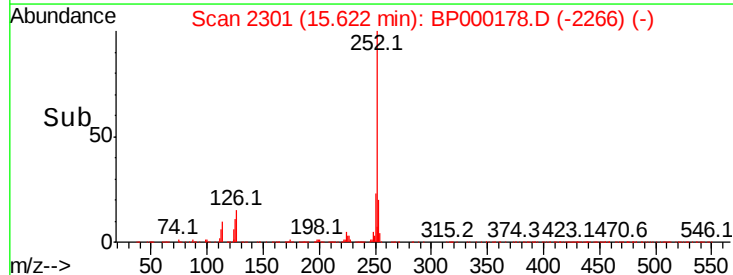
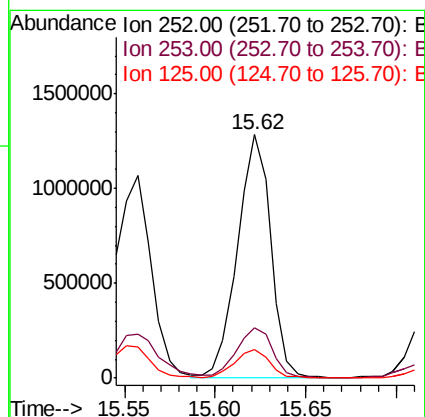
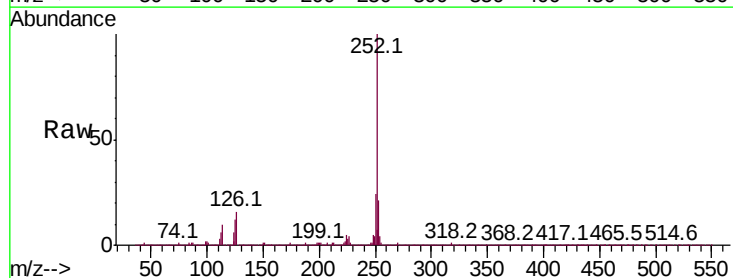
Delta R.T. 0.01 min

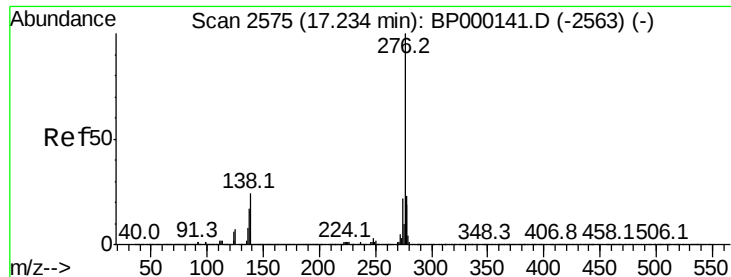
Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Tgt Ion:252 Resp: 1617831

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.5	26.3
125	11.8	10.2	15.2



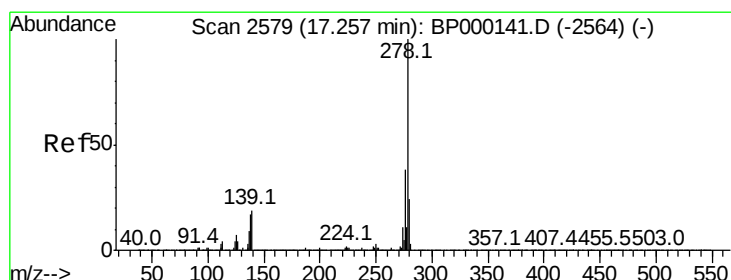
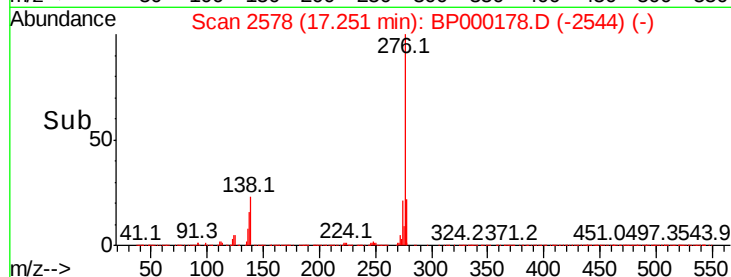
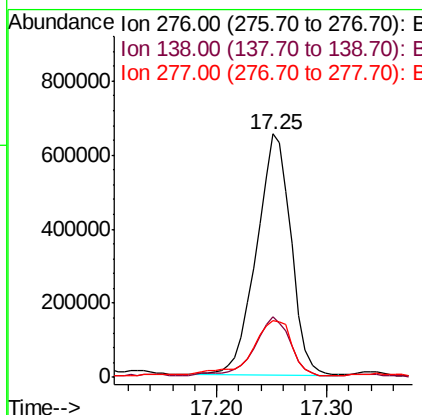
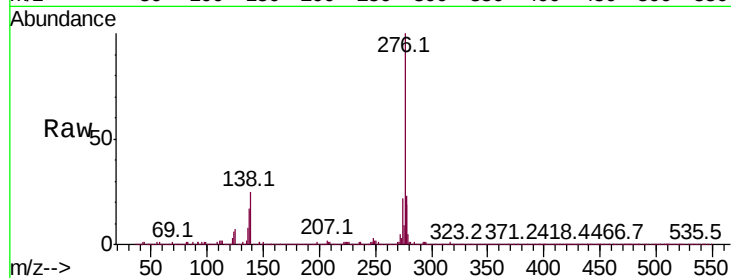


#92

Indeno(1,2,3-cd)pyrene
Concen: 16.272 ng/ul
RT: 17.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Instrument :
BNA_P
ClientSampleId :

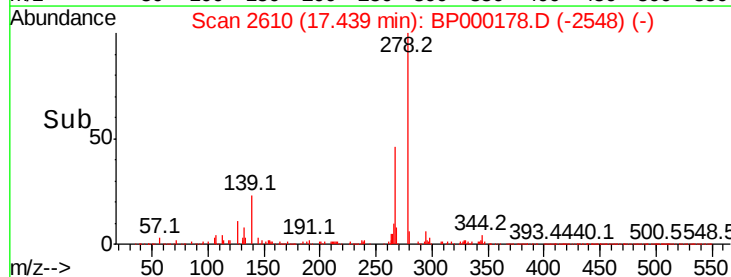
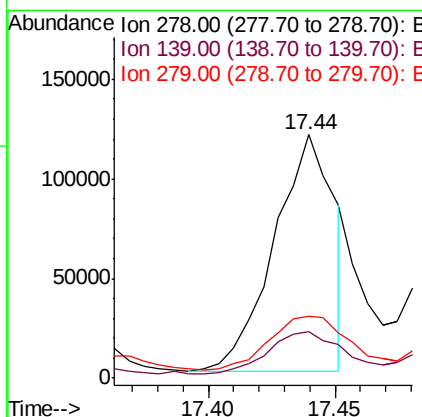
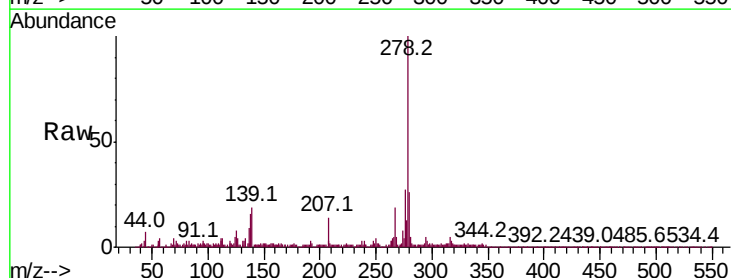
Tot Ion:276 Resp: 1434909
Ion Ratio Lower Upper
276 100
138 24.7 20.0 30.0
277 23.4 19.4 29.0

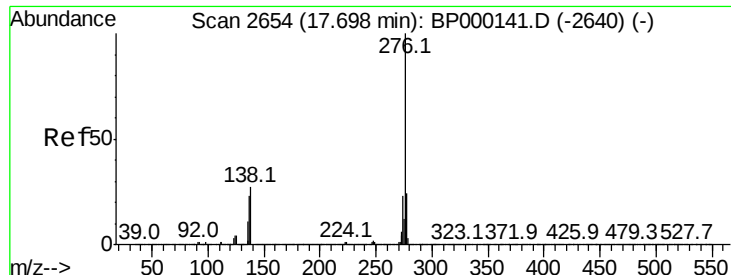


#93

Dibenzo(a,h)anthracene
Concen: 2.700 ng/ul
RT: 17.44 min Scan# 2610
Delta R.T. 0.16 min
Lab File: BP000178.D
Acq: 10 Sep 2019 20:38

Tgt Ion:278 Resp: 197220
Ion Ratio Lower Upper
278 100
139 19.1 15.1 22.7
279 25.5 19.2 28.8





#94

Benzo(a,h,i)perylene

Concen: 19.451 ng/ul

RT: 17.72 min Scan# 2658

Delta R.T. 0.00 min

Lab File: BP000178.D

Acq: 10 Sep 2019 20:38

Instrument :

BNA_P

ClientSampleId :

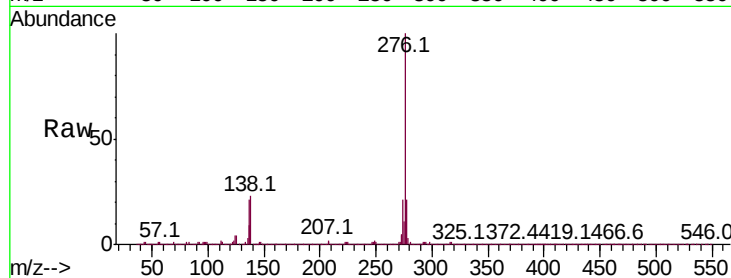
Tot Ion:276 Resp: 1430107

Ion Ratio Lower Upper

276 100

138 23.2 20.0 30.0

277 20.8 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

