

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
 Data File : BP000179.D
 Acq On : 10 Sep 2019 21:02
 Operator : HP/JU
 Sample : K4634-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 01:59:19 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	416170	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1614391	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	897395	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1538316	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1218686	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1200409	20.00	ng/ul	0.00

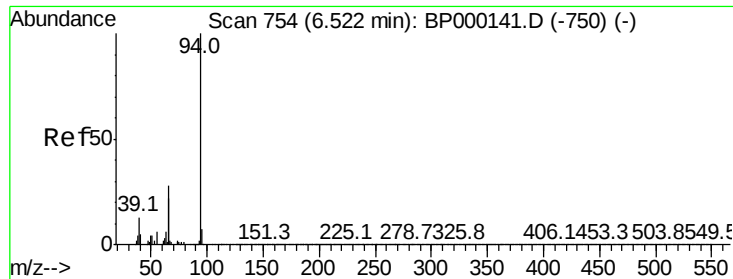
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	33272	2.84	ng/uL	0.00
5) Phenol-d5	6.50	99	578243	16.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	318835	17.20	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	492918	17.19	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	404847	15.20	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	240498	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	255040	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	446144	17.61	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	363109	11.59	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1276634	19.27	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1514048	18.49	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	177019	14.95	ng/ul	0.00
58) Fluorene-d10	10.47	176	1073794	19.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	113010	15.98	ng/ul	0.00
71) Anthracene-d10	11.50	188	1496484	20.09	ng/ul	0.00
79) Pyrene-d10	12.90	212	1504384	20.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1282788	20.62	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	117144	3.171 ng/ul	96
45) Dimethylphthalate	9.65	163	307926	4.605 ng/ul	99
70) Phenanthrene	11.47	178	315012	3.463 ng/ul	99
76) Di-n-butylphthalate	12.02	149	128459	1.386 ng/ul	100
77) Fluoranthene	12.68	202	810400	8.832 ng/ul	99
80) Pyrene	12.92	202	643290	6.996 ng/ul	96
83) Benzo(a)anthracene	14.13	228	367566	4.167 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	14.15	149	75151	1.500 ng/ul	100
85) Chrysene	14.17	228	432543	5.343 ng/ul	97
88) Benzo(b)fluoranthene	15.23	252	666377	8.376 ng/ul	99
89) Benzo(k)fluoranthene	15.23	252	666377	8.885 ng/ul	99
91) Benzo(a)pyrene	15.62	252	347333	4.653 ng/ul	94
92) Indeno(1,2,3-cd)pyrene	17.24	276	289211	3.368 ng/ul	99
93) Dibenzo(a,h)anthracene	17.26	278	80308	1.129 ng/ul	94
94) Benzo(g,h,i)perylene	17.71	276	296206	4.137 ng/ul	97

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



#6

Phenol

Concen: 3.171 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

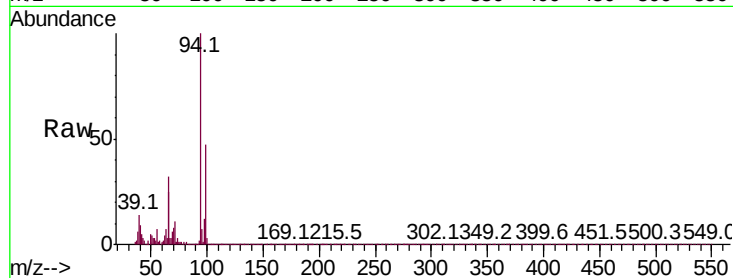
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 117144

Ion	Ratio	Lower	Upper
94	100		
65	25.2	18.8	28.2
66	32.4	24.2	36.2

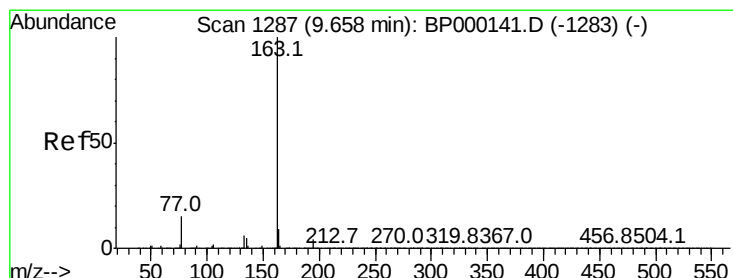
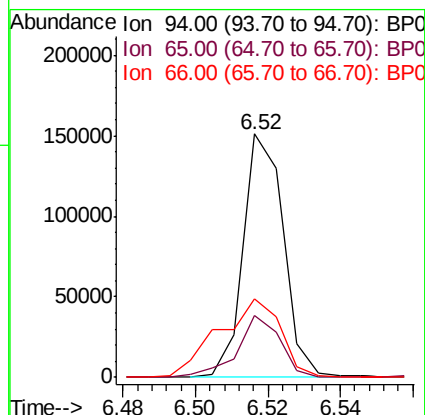
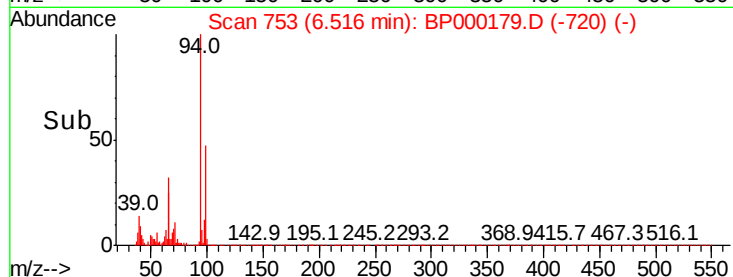


Abundance

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: 4.605 ng/ul

RT: 9.65 min Scan# 1286

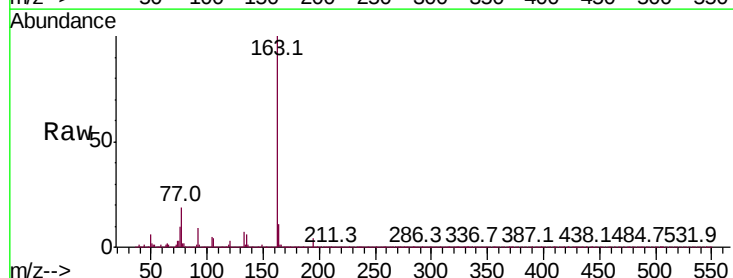
Delta R.T. -0.01 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

Tgt Ion:163 Resp: 307926

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.9	8.4	12.6

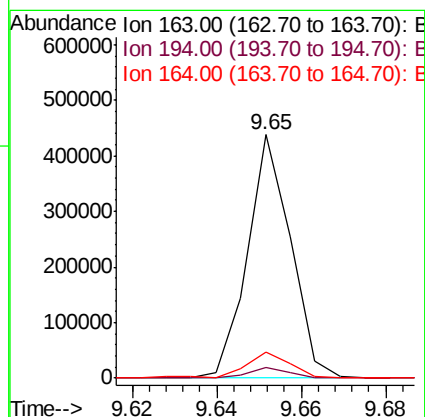
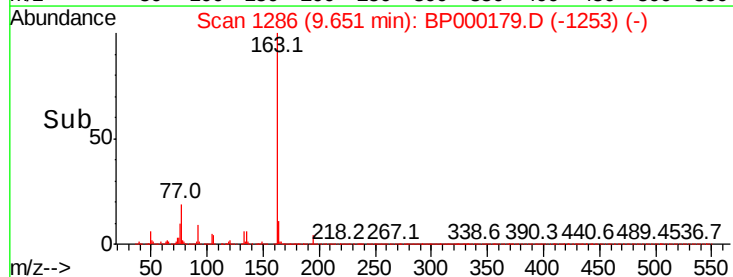


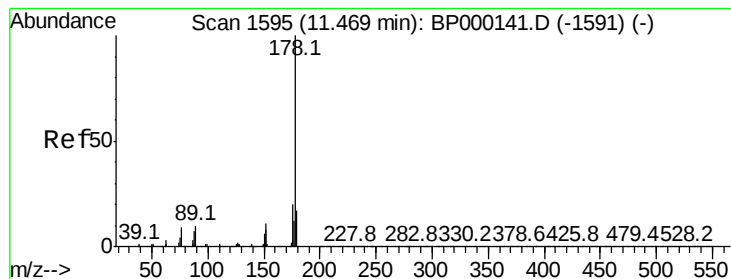
Abundance

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





#70

Phenanthrene

Concen: 3.463 ng/ul

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

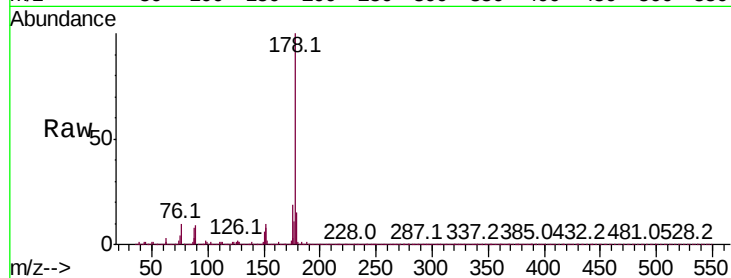
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 315012

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.5	18.7
176	19.3	15.7	23.5

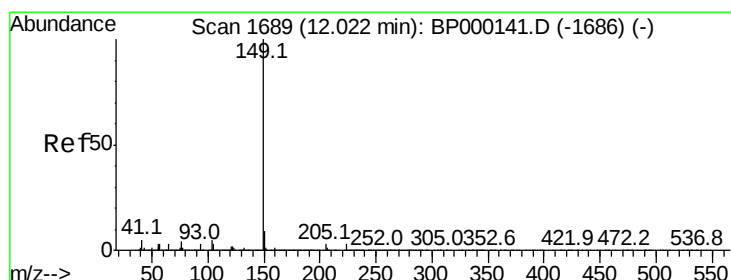
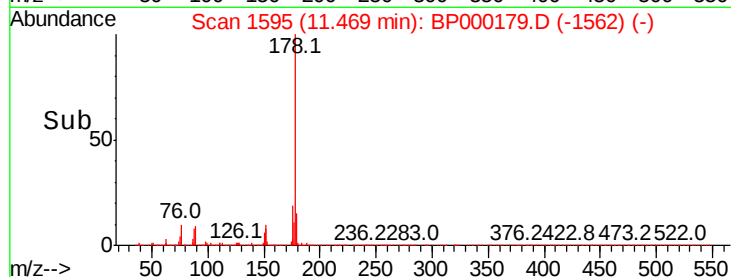
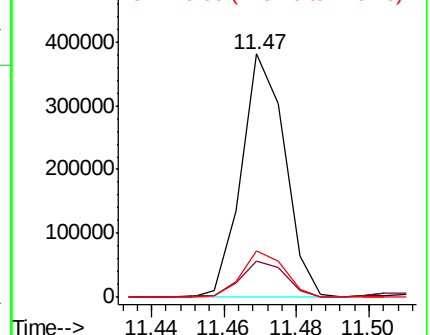


Abundance

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



#76

Di-n-butylphthalate

Concen: 1.386 ng/ul

RT: 12.02 min Scan# 1689

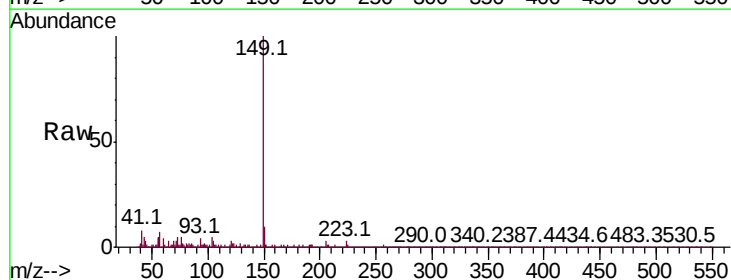
Delta R.T. -0.01 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

Tgt Ion:149 Resp: 128459

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.0	4.0	6.0

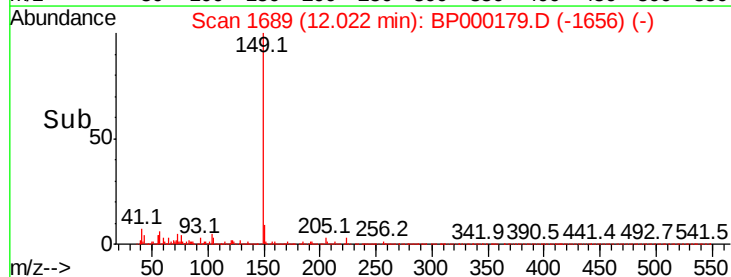
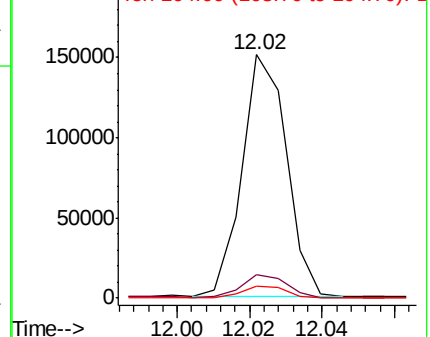


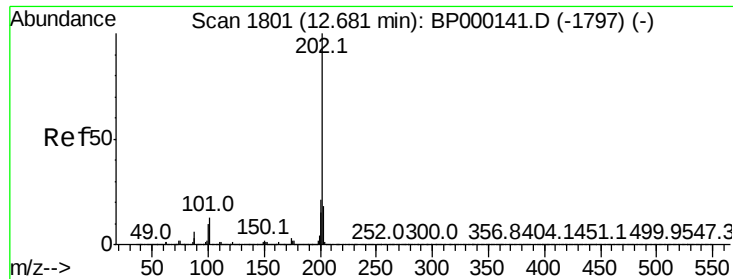
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

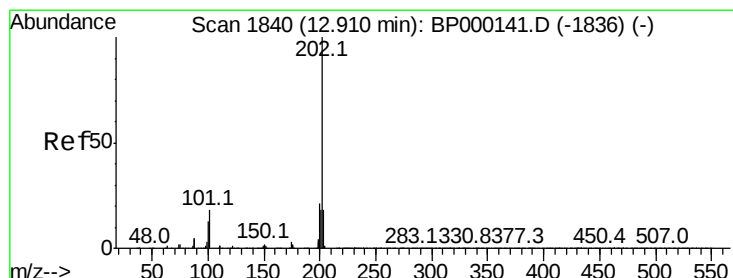
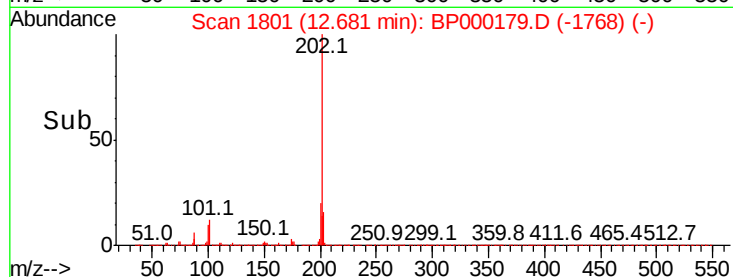
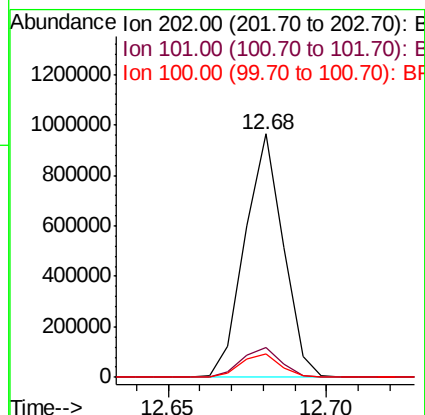
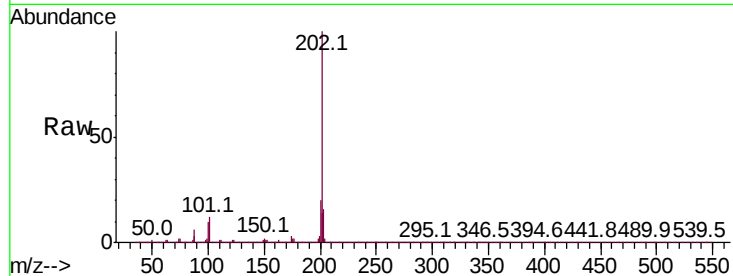




#77
Fluoranthene
Concen: 8.832 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

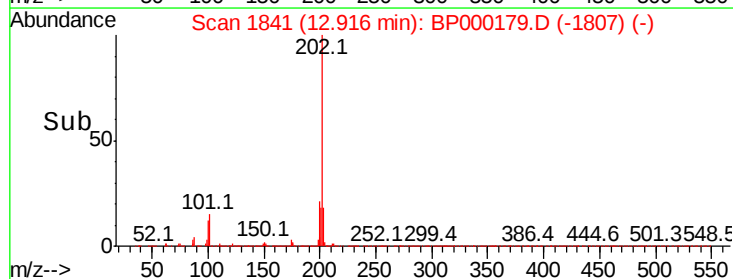
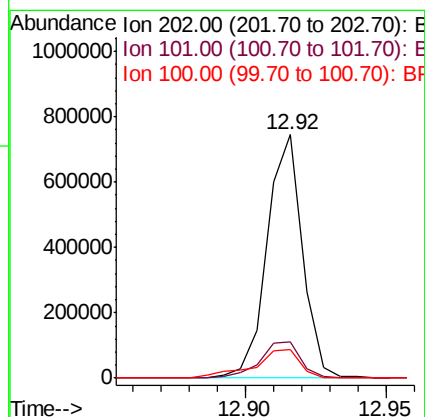
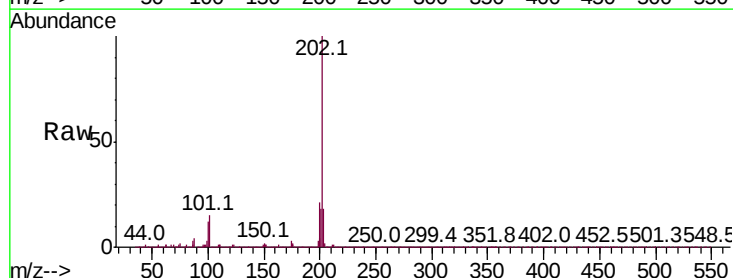
Instrument :
BNA_P
ClientSampleId :

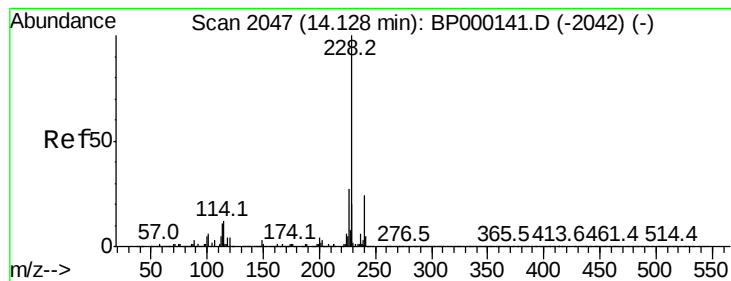
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.0	15.0
100	9.8	7.4	11.2



#80
Pyrene
Concen: 6.996 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	13.4	20.0
100	11.7	10.8	16.2





#83

Benzo(a)anthracene

Concen: 4.167 ng/ul

RT: 14.13 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

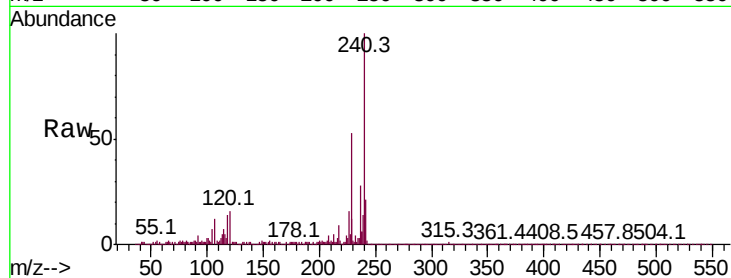
Tot Ion:228 Resp: 367566

Ion Ratio Lower Upper

228 100

229 21.8 15.9 23.9

226 29.8 22.1 33.1

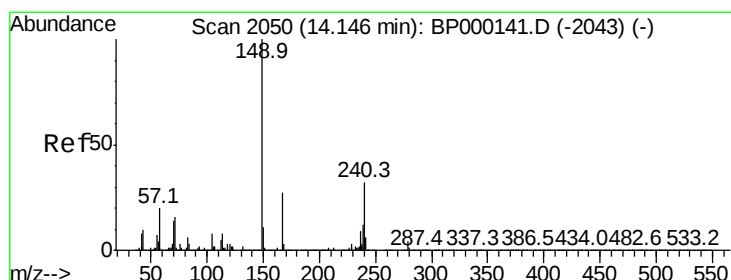
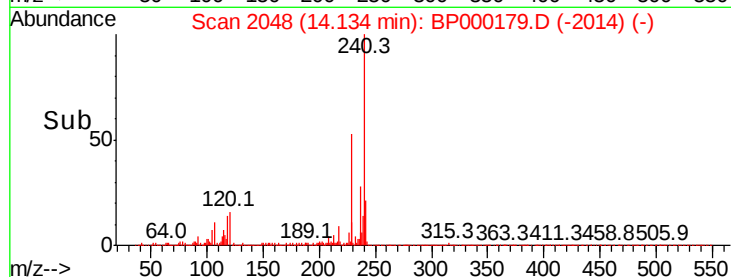
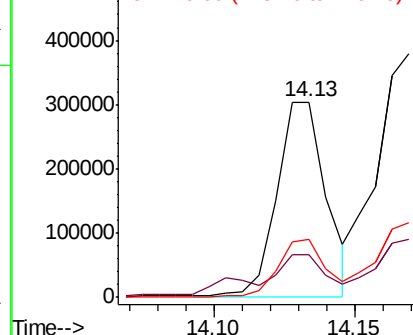


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.500 ng/ul

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

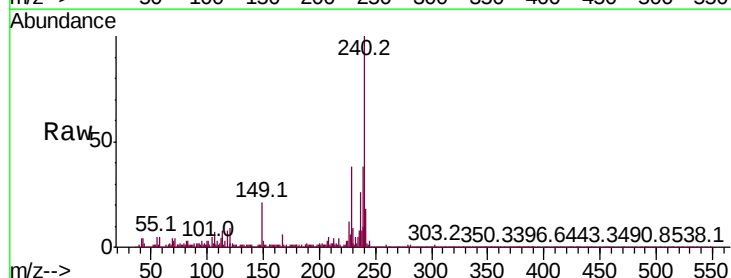
Tgt Ion:149 Resp: 75151

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 3.7 3.0 4.4

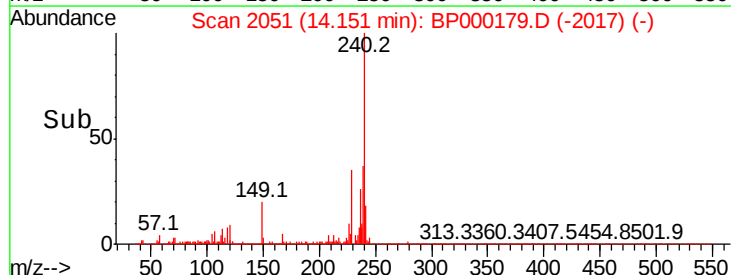
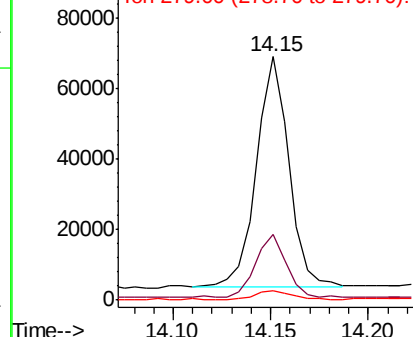


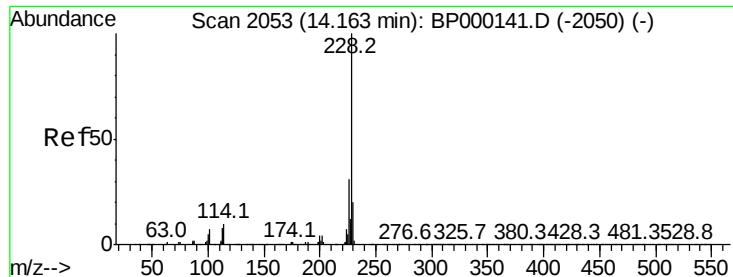
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

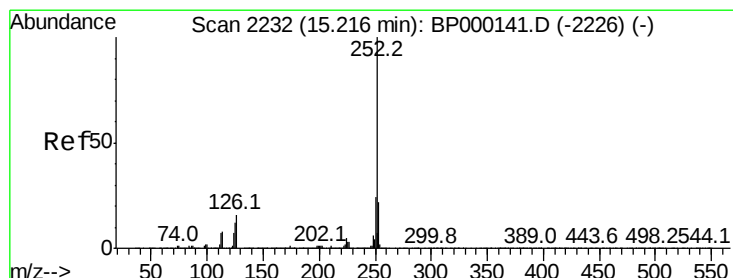
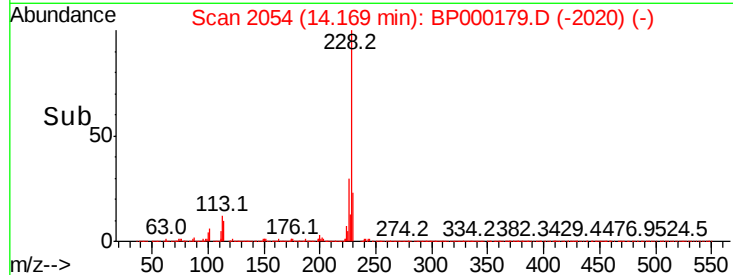
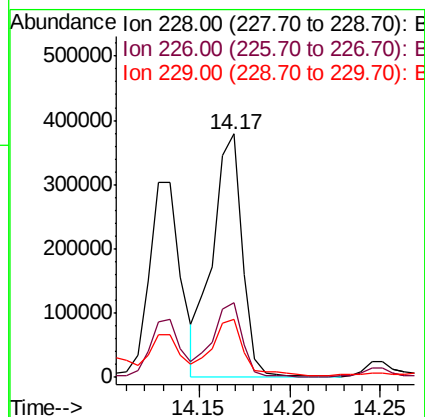
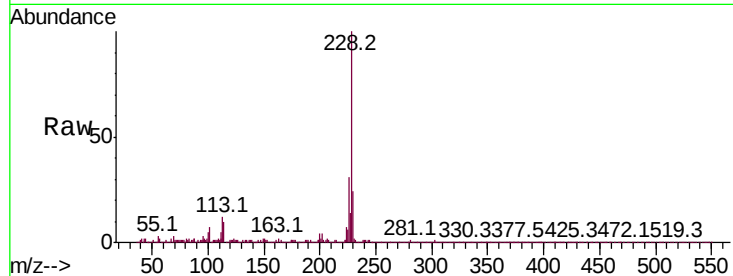




#85
Chrysene
Concen: 5.343 ng/ul
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

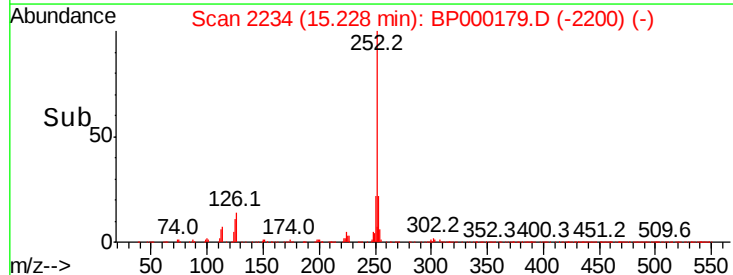
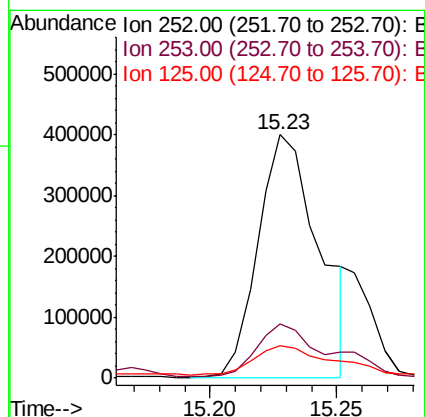
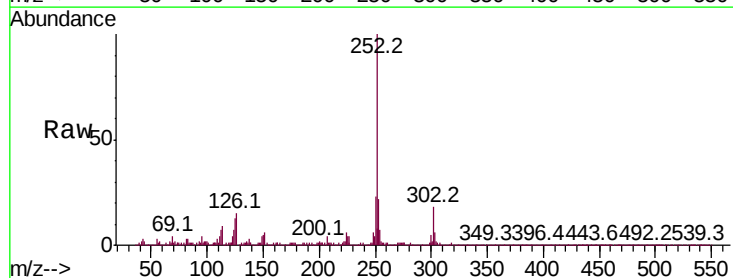
Instrument :
BNA_P
ClientSampleId :

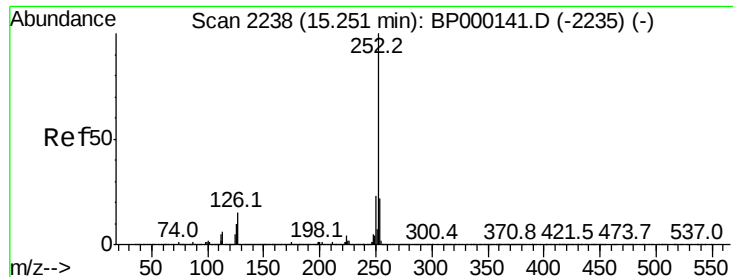
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.7	16.0	24.0



#88
Benzo(b)fluoranthene
Concen: 8.376 ng/ul
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.3	9.9	14.9

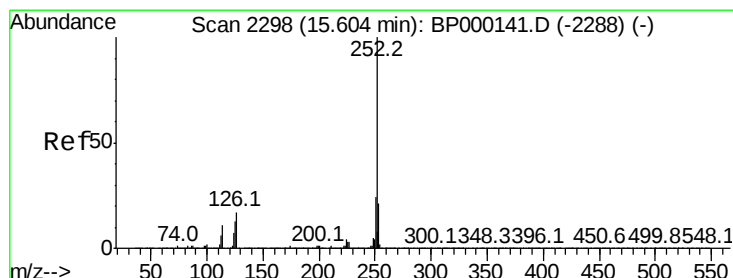
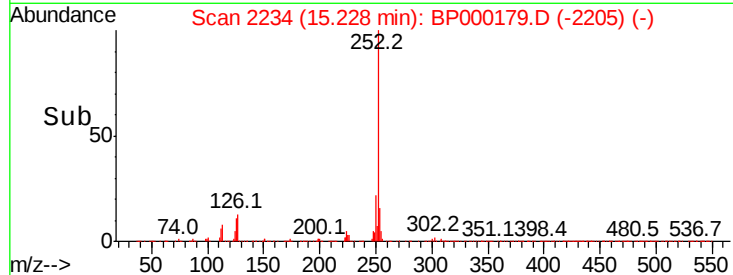
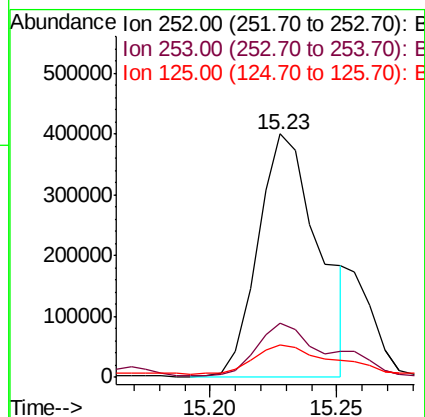
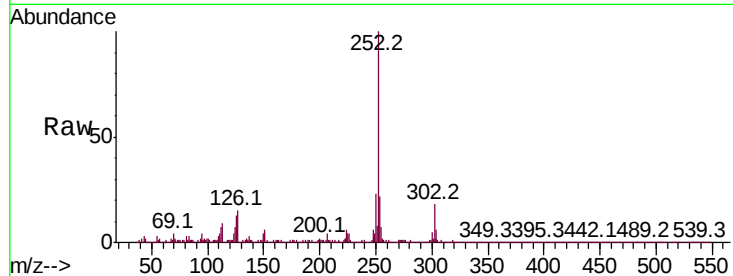




#89
Benzo(k)fluoranthene
Concen: 8.885 ng/ul
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

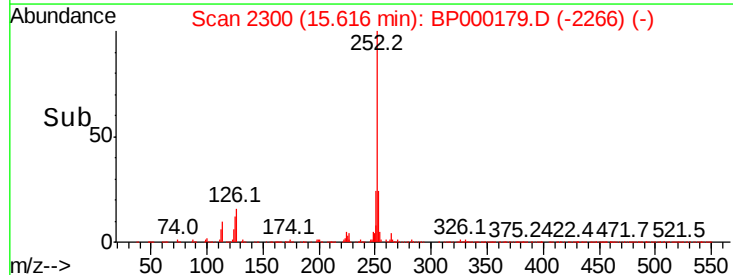
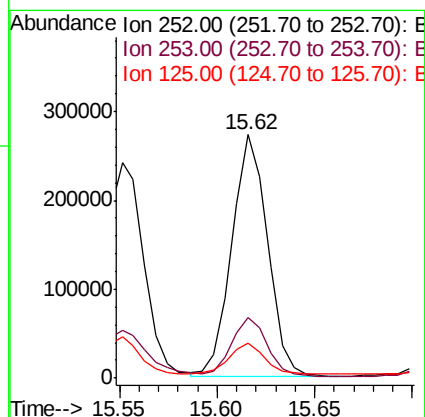
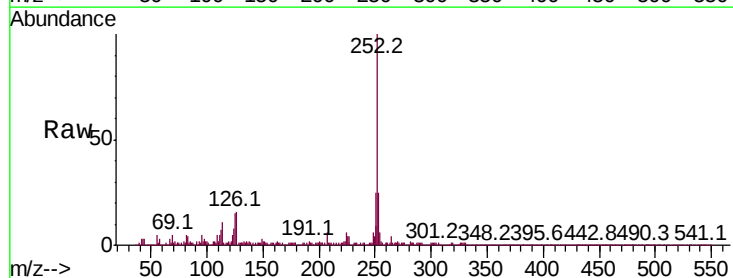
Instrument :
BNA_P
ClientSampleId :

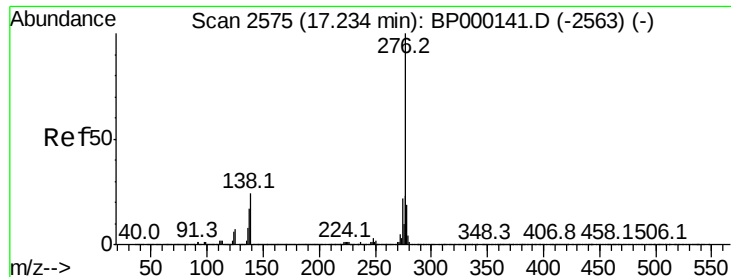
Tot Ion:252 Resp: 666377
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 13.3 10.2 15.2



#91
Benzo(a)pyrene
Concen: 4.653 ng/ul
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Tgt Ion:252 Resp: 347333
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 14.6 10.2 15.2



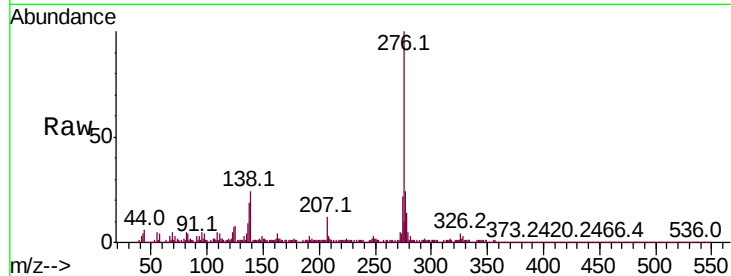


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.368 ng/ul
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.0	30.0
277	24.0	19.4	29.0

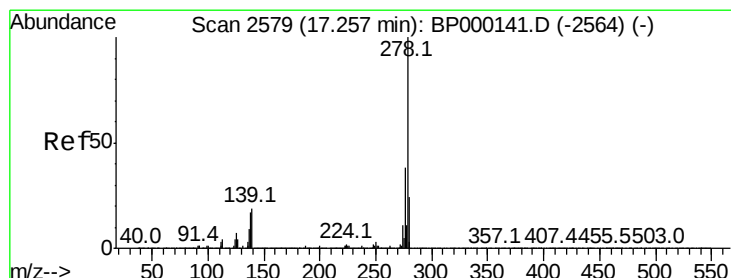
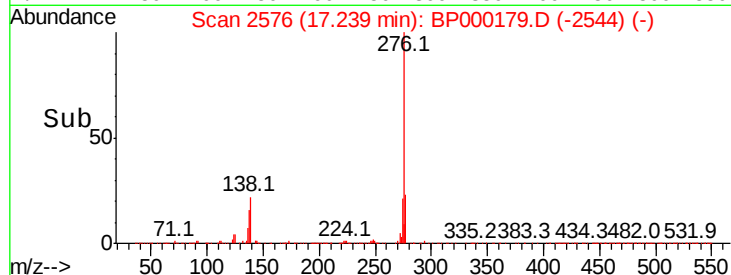
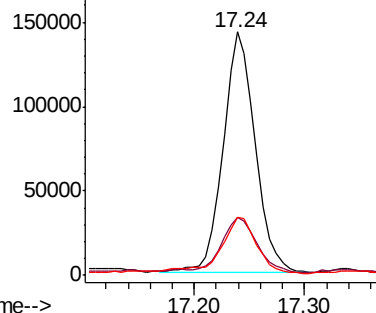


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

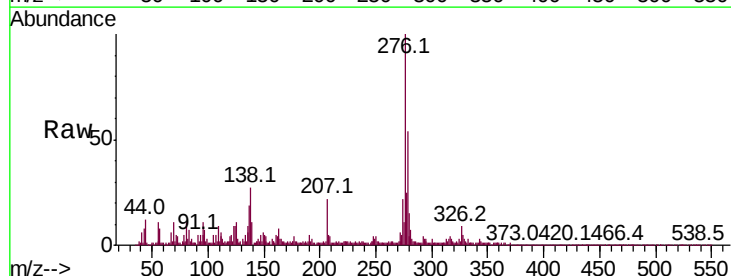
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 1.129 ng/ul
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BP000179.D
Acq: 10 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.1	22.7
279	28.1	19.2	28.8

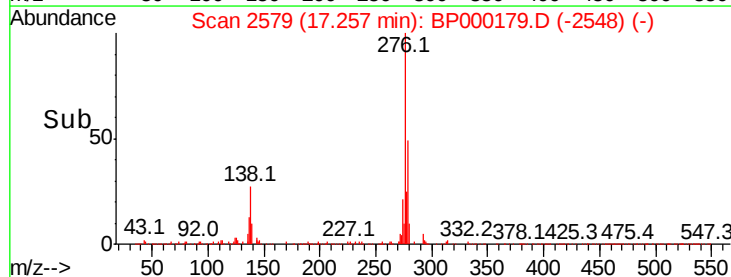
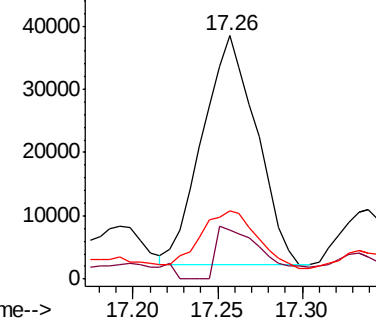


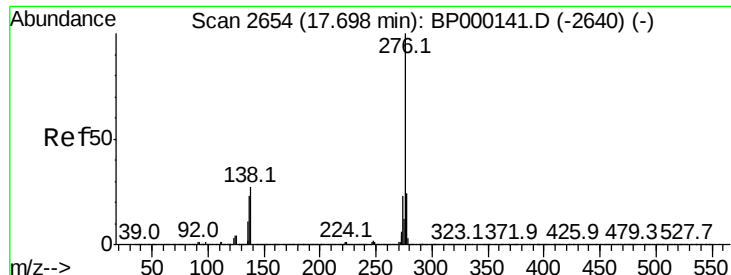
Abundance

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: 4.137 ng/ul

RT: 17.71 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BP000179.D

Acq: 10 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

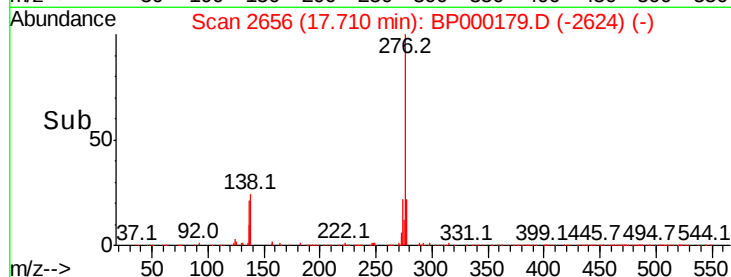
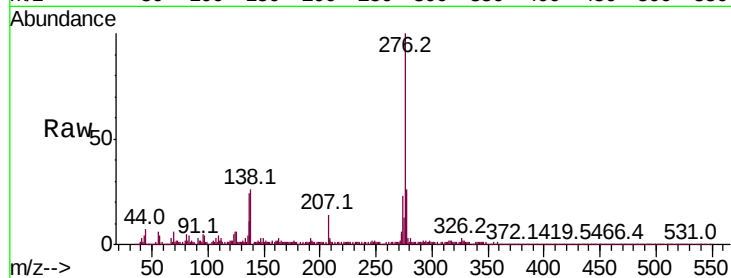
Tot Ion: 276 Resp: 296206

Ion Ratio Lower Upper

276 100

138 26.2 20.0 30.0

277 25.5 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

