

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
 Data File : BP001919.D
 Acq On : 26 Feb 2020 09:51
 Operator : CG/JU
 Sample : L1543-09MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 27 03:12:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 05:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	302204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1301601	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	848374	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1975375	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2030762	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1999888	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	35939	4.94	ng/uL	0.00
5) Phenol-d5	6.83	99	833117	36.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	430535	32.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	704575	38.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	675924	37.32	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	349236	39.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	385396	48.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	777716	41.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	514057	22.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2503896	42.06	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2892645	39.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	442183	42.65	ng/ul	0.00
58) Fluorene-d10	15.29	176	2181150	40.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	310553	39.88	ng/ul	0.00
71) Anthracene-d10	17.14	188	3592262	41.28	ng/ul	0.00
79) Pyrene-d10	19.39	212	4214142	40.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	4337045	44.90	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	1018354	42.083	ng/ul 97
10) 2-Chlorophenol	7.22	128	798678	40.913	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.45	70	559673	43.131	ng/ul 97
33) 4-Chloro-3-methylphenol	11.71	107	915801	49.457	ng/ul 99
45) Dimethylphthalate	13.75	163	364327	5.814	ng/ul 99
48) Acenaphthylene	14.00	152	99791	1.255	ng/ul 99
50) Acenaphthene	14.35	153	2142973	39.433	ng/ul 99
53) 4-Nitrophenol	14.50	109	387785	50.523	ng/ul 93
55) 2,4-Dinitrotoluene	14.65	165	847803	52.728	ng/ul 89
69) Pentachlorophenol	16.69	266	633203	52.270	ng/ul 99
70) Phenanthrene	17.08	178	137276	1.260	ng/ul 99
72) Anthracene	17.17	178	426088	3.960	ng/ul 100
75) Carbazole	17.44	167	134218	1.496	ng/ul 97
77) Fluoranthene	19.06	202	1916055	16.425	ng/ul 97
80) Pyrene	19.42	202	7093012	51.349	ng/ul 99
83) Benzo(a)anthracene	21.12	228	1220781	9.129	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.07	149	162556	2.288	ng/ul 100
85) Chrysene	21.17	228	1944709	14.885	ng/ul 98
88) Benzo(b)fluoranthene	22.69	252	3462463	29.423	ng/ul 99
89) Benzo(k)fluoranthene	22.69	252	3462463	28.386	ng/ul 99
91) Benzo(a)pyrene	23.25	252	1078432	9.779	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.57	276	868204	6.302	ng/ul 95
93) Dibenzo(a,h)anthracene	25.58	278	203174	1.756	ng/ul# 82

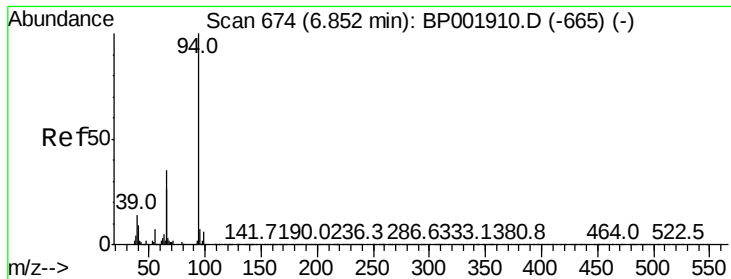
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
Data File : BP001919.D
Acq On : 26 Feb 2020 09:51
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(q,h,i)perylene	26.25	276	545449	4.658	ng/ul	98

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



#6

Phenol

Concen: 42.083 ng/ul

RT: 6.85 min Scan# 674

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

Instrument :

BNA_P

ClientSampleId :

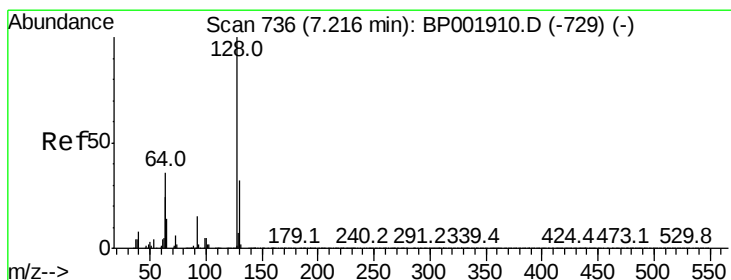
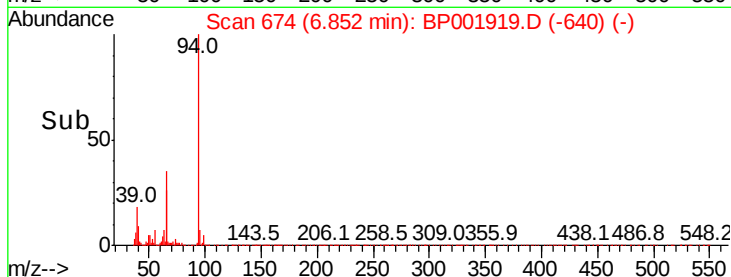
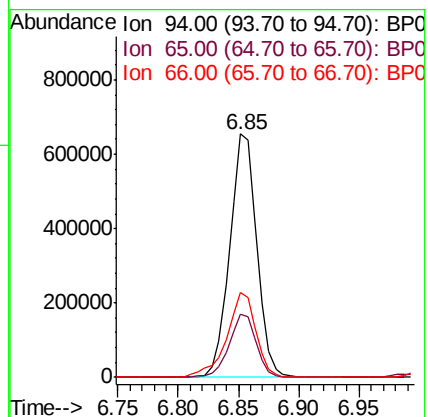
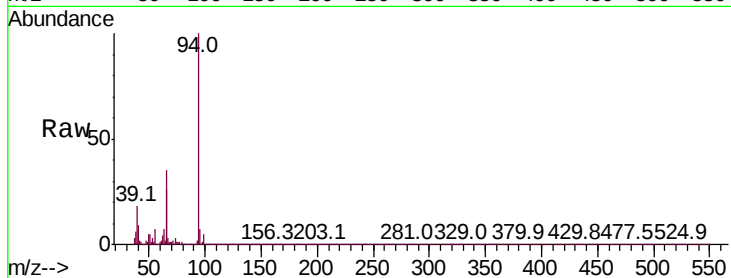
Tot Ion: 94 Resp: 1018354

Ion Ratio Lower Upper

94 100

65 25.8 19.8 29.6

66 34.9 26.6 39.8



#10

2-Chlorophenol

Concen: 40.913 ng/ul

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

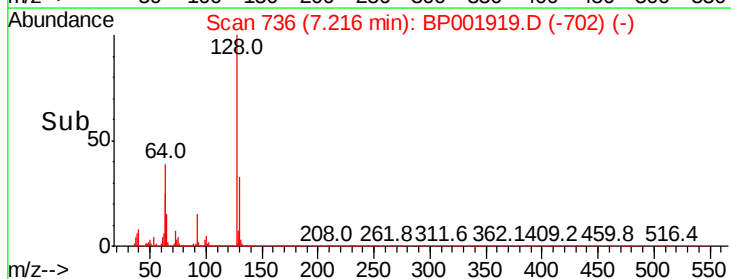
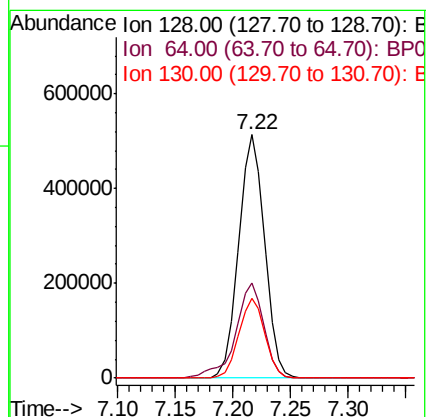
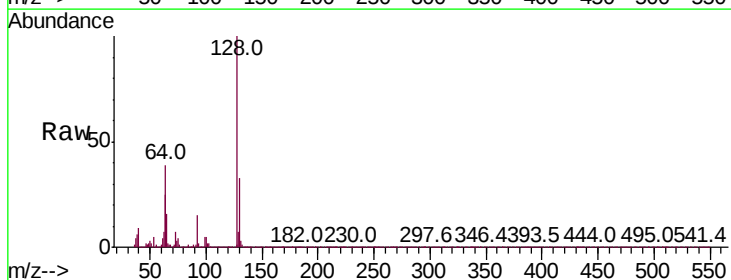
Tgt Ion: 128 Resp: 798678

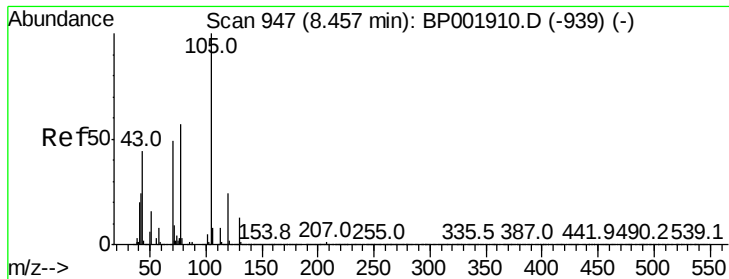
Ion Ratio Lower Upper

128 100

64 38.9 32.9 49.3

130 32.6 26.4 39.6

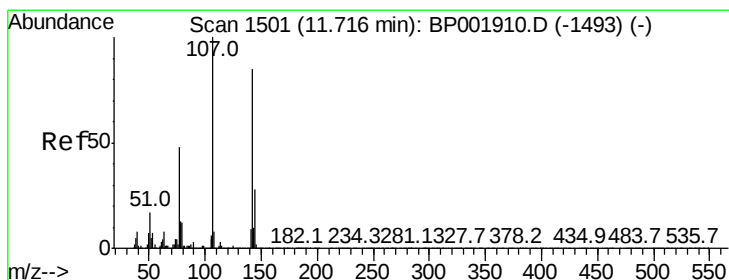
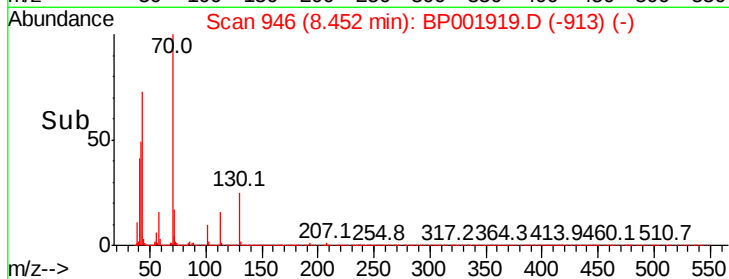
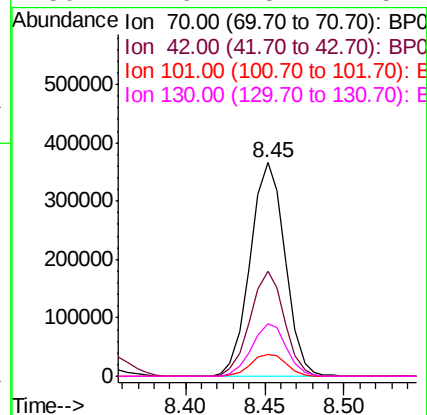
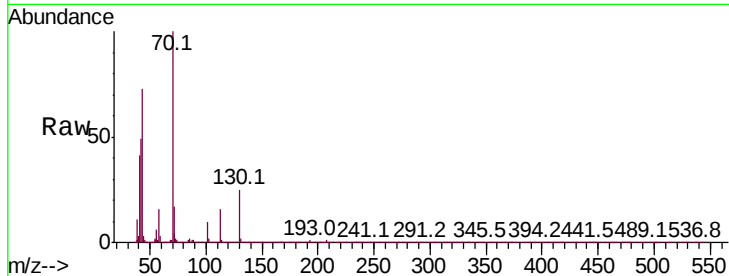




#15
N-Nitroso-di-n-propylamine
Concen: 43.131 ng/ul
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP001919.D
Acq: 26 Feb 2020 09:51

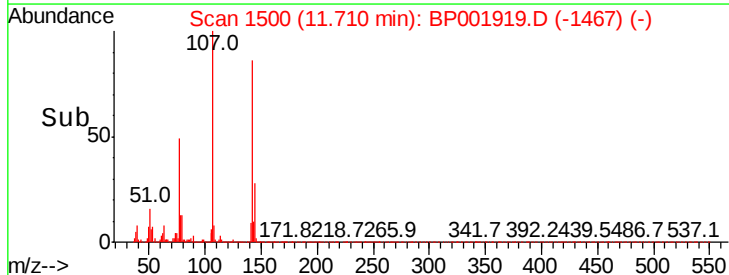
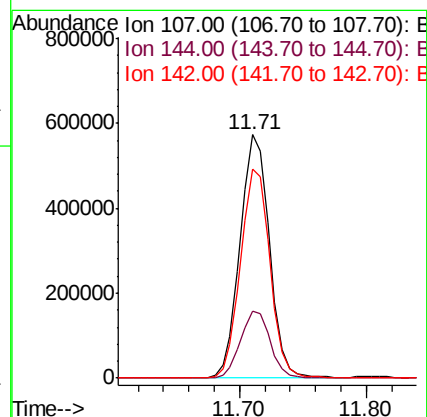
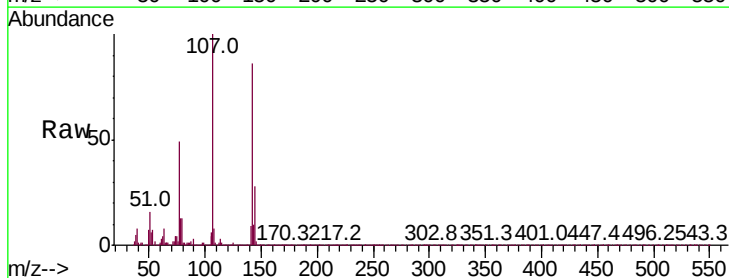
Instrument :
BNA_P
ClientSampleId :

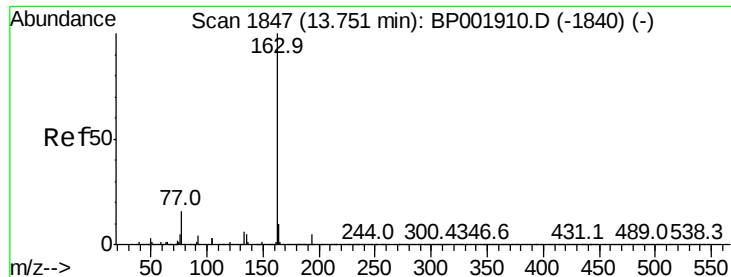
Tot Ion:	70	Resp:	559673
Ion	Ratio	Lower	Upper
70	100		
42	49.2	41.8	62.6
101	10.3	8.0	12.0
130	24.6	18.7	28.1



#33
4-Chloro-3-methylphenol
Concen: 49.457 ng/ul
RT: 11.71 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BP001919.D
Acq: 26 Feb 2020 09:51

Tgt Ion:	107	Resp:	915801
Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.3	33.5
142	85.9	68.2	102.4

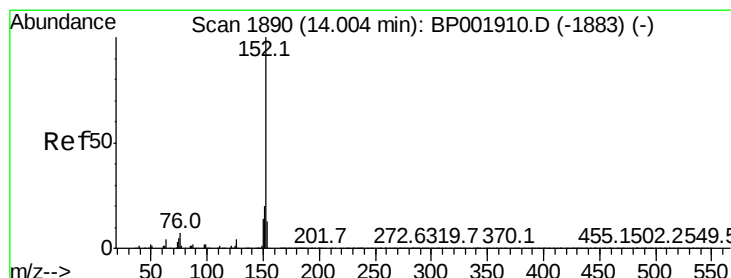
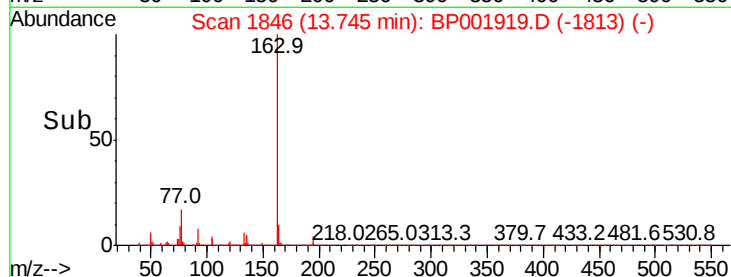
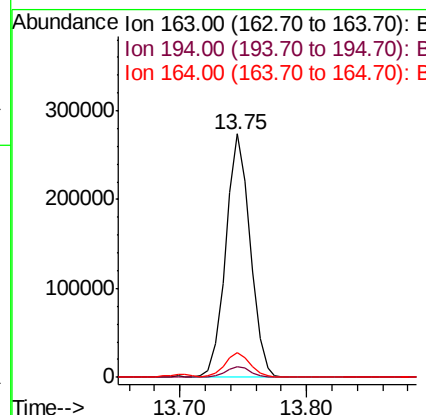
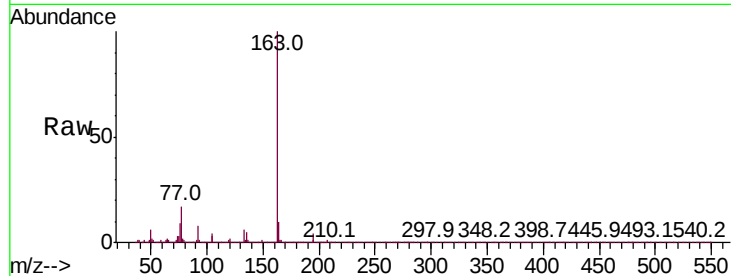




#45
Dimethylphthalate
Concen: 5.814 ng/ul
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP001919.D
Acq: 26 Feb 2020 09:51

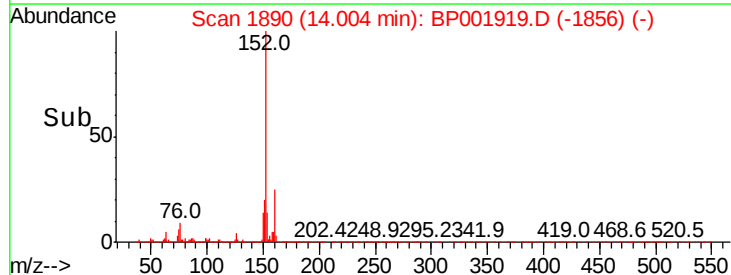
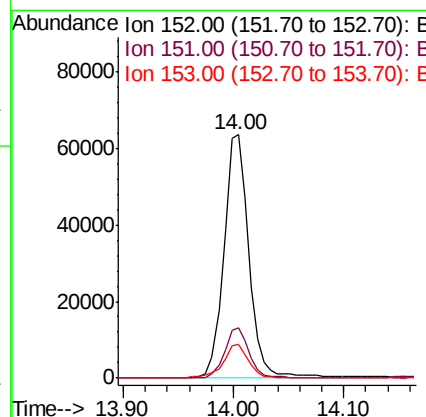
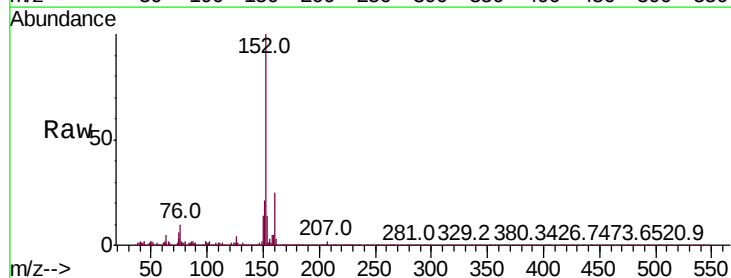
Instrument :
BNA_P
ClientSampleId :

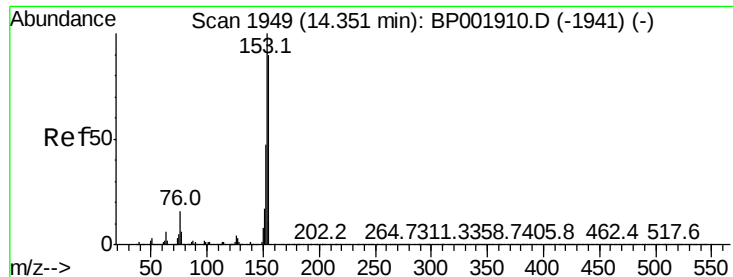
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.4	8.0	12.0



#48
Acenaphthylene
Concen: 1.255 ng/ul
RT: 14.00 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BP001919.D
Acq: 26 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	13.6	10.7	16.1





#50

Acenaphthene

Concen: 39.433 ng/ul

RT: 14.35 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

Instrument :

BNA_P

ClientSampleId :

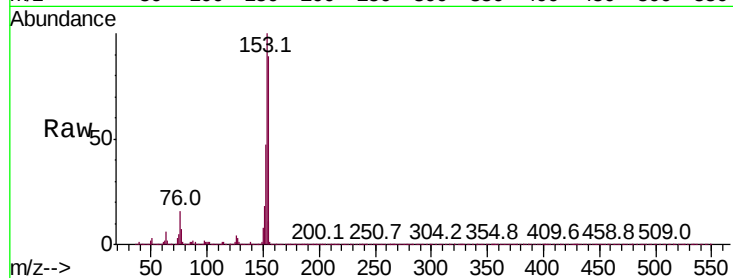
Tot Ion:153 Resp: 2142973

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.8	56.8
154	88.8	71.9	107.9

153 100

152 47.1 37.8 56.8

154 88.8 71.9 107.9

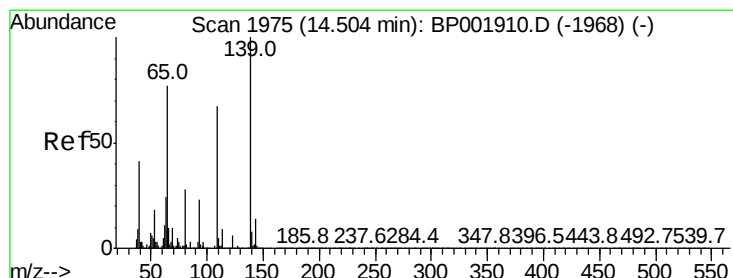
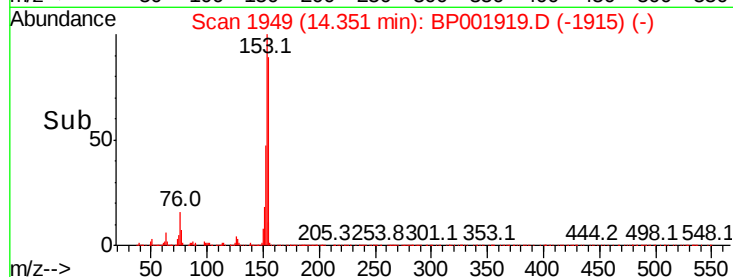
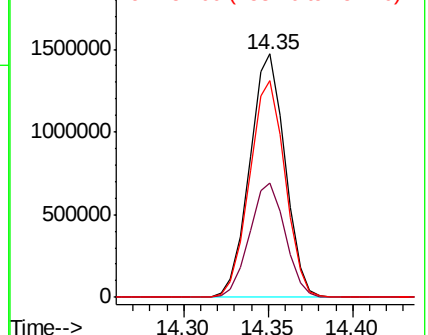


Abundance

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



#53

4-Nitrophenol

Concen: 50.523 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

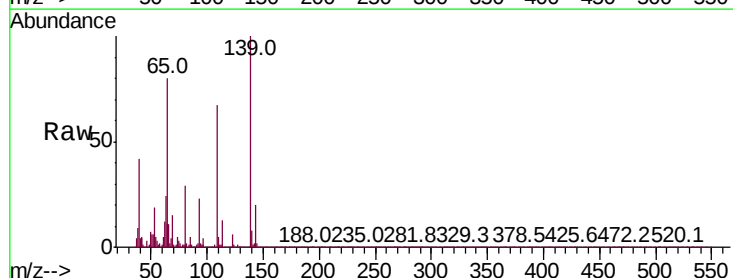
Tgt Ion:109 Resp: 387785

Ion	Ratio	Lower	Upper
109	100		
139	148.2	123.1	184.7
65	118.5	105.0	157.6

109 100

139 148.2 123.1 184.7

65 118.5 105.0 157.6

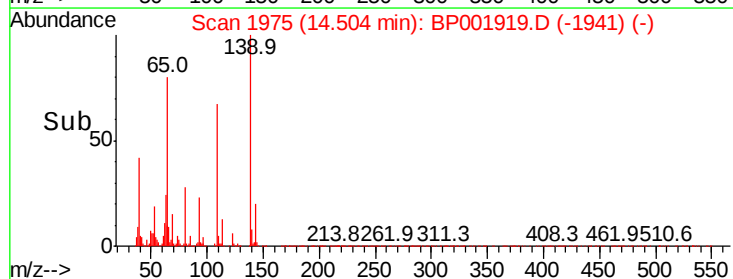
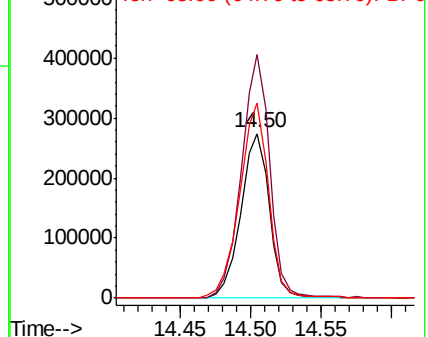


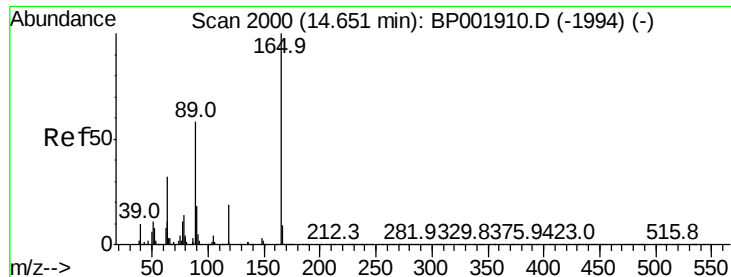
Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BPO





#55

2,4-Dinitrotoluene

Concen: 52.728 ng/ul

RT: 14.65 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

Instrument :

BNA_P

ClientSampleId :

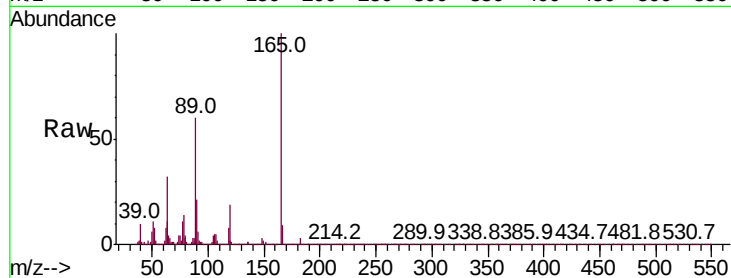
Tot Ion:165 Resp: 847803

Ion Ratio Lower Upper

165 100

63 31.9 31.0 46.6

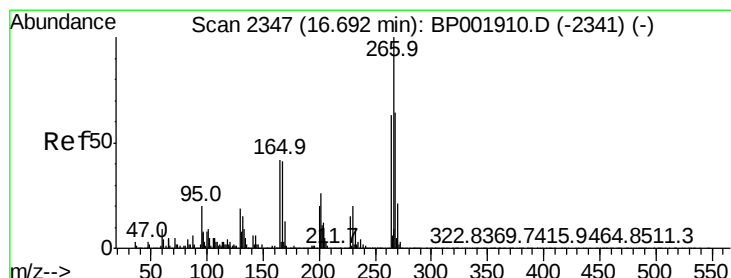
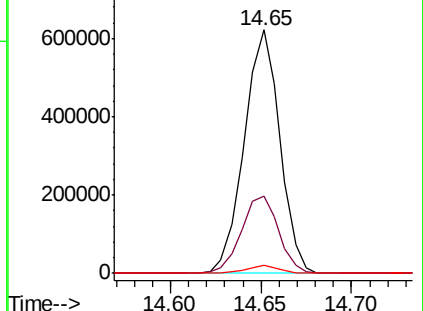
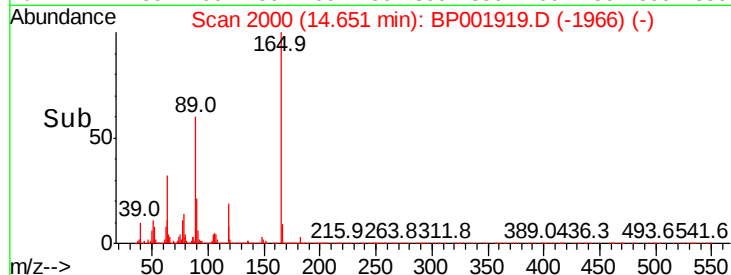
182 3.1 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP

Ion 182.00 (181.70 to 182.70): E



#69

Pentachlorophenol

Concen: 52.270 ng/ul

RT: 16.69 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

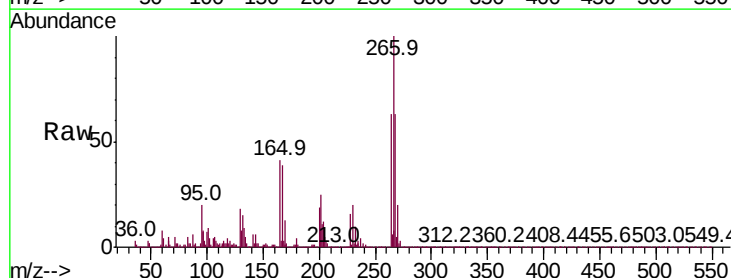
Tgt Ion:266 Resp: 633203

Ion Ratio Lower Upper

266 100

264 62.8 51.1 76.7

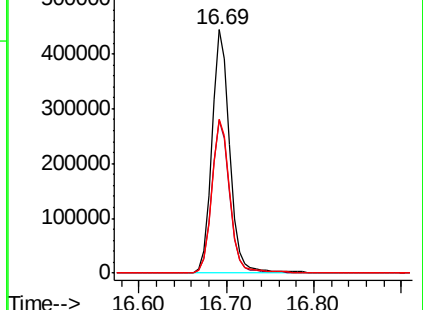
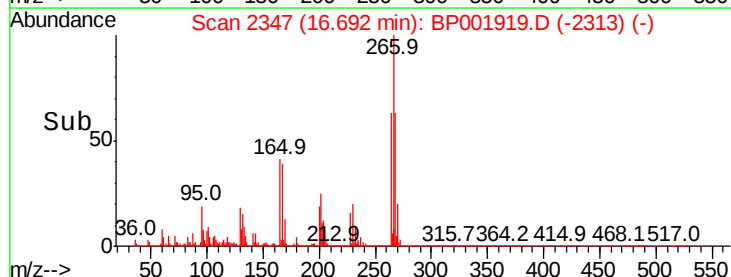
268 63.3 51.5 77.3

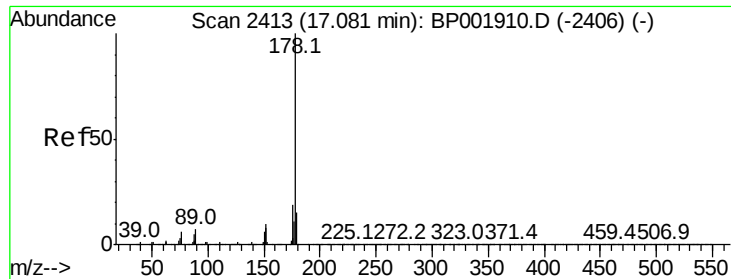


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 1.260 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

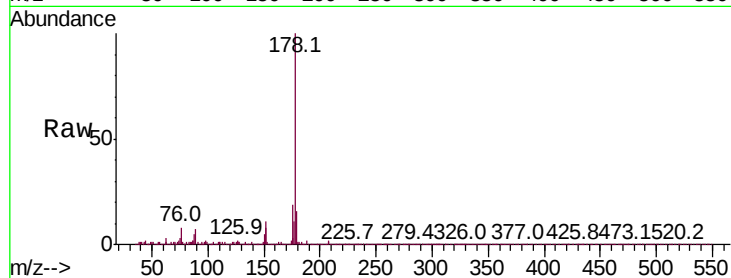
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 137276

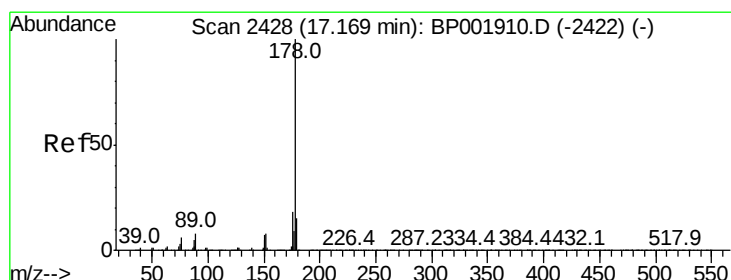
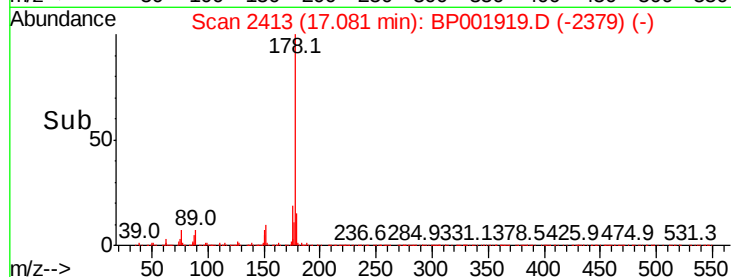
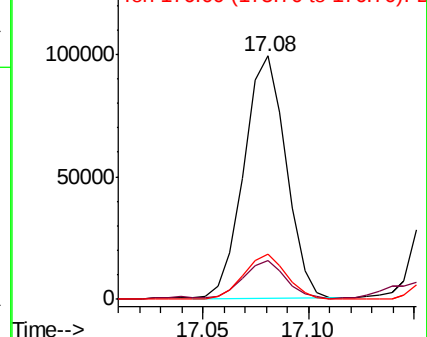
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.8	15.3	22.9



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: 3.960 ng/ul

RT: 17.17 min Scan# 2428

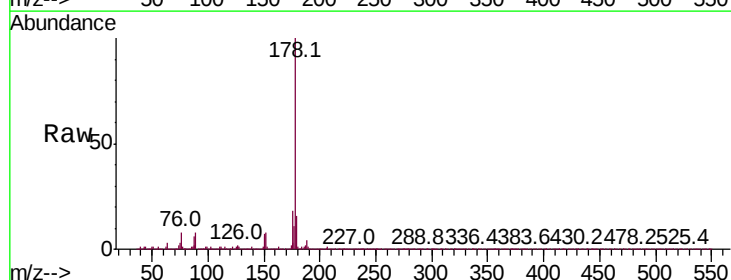
Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

Tgt Ion:178 Resp: 426088

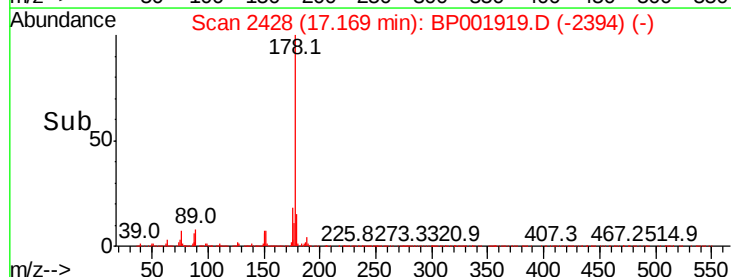
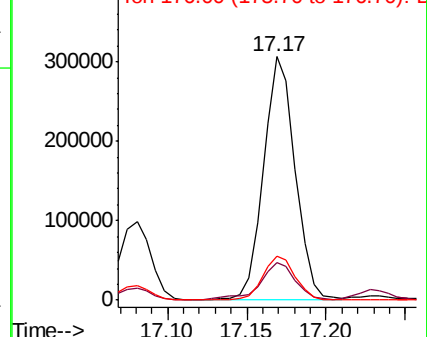
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.1	14.8	22.2

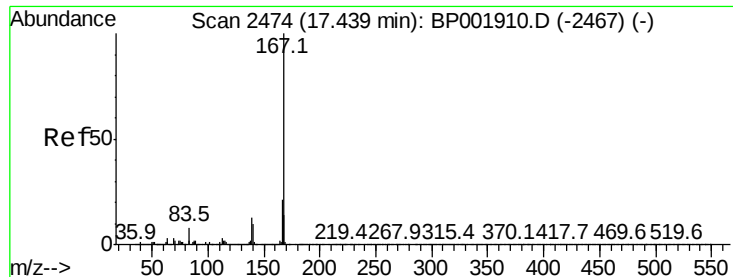


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

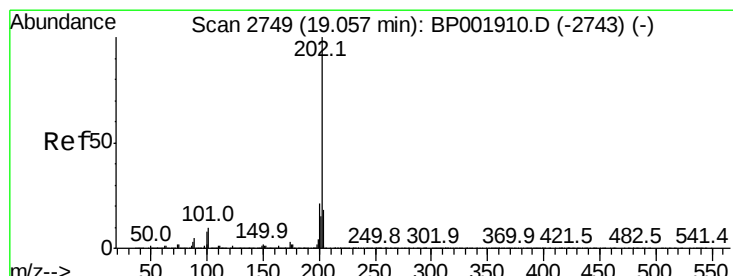
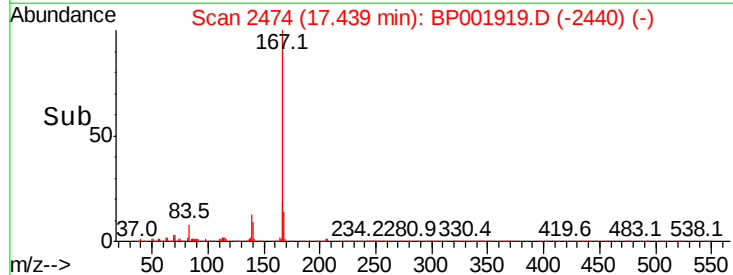
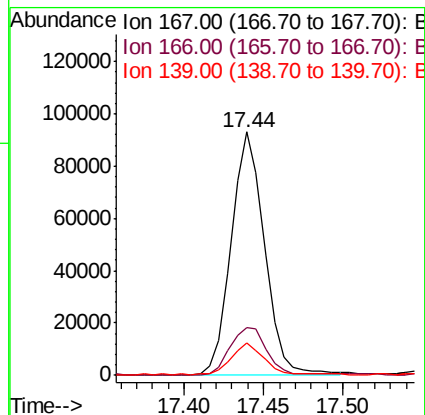
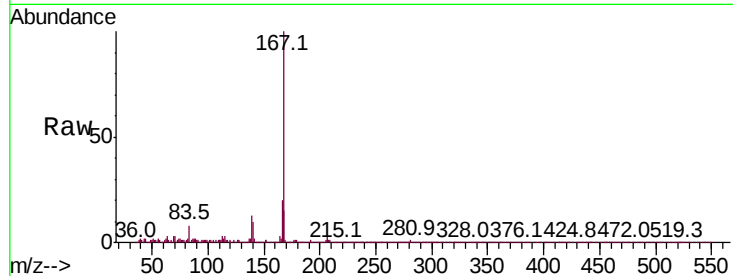




#75
 Carbazole
 Concen: 1.496 ng/ul
 RT: 17.44 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BP001919.D
 Acq: 26 Feb 2020 09:51

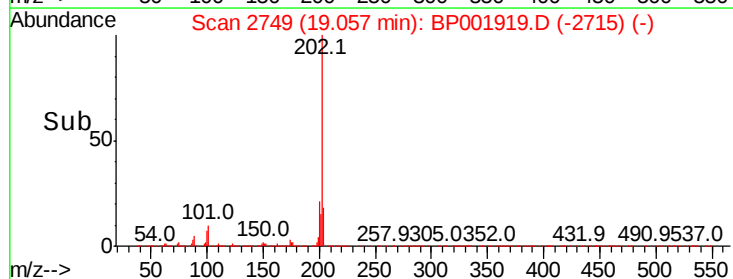
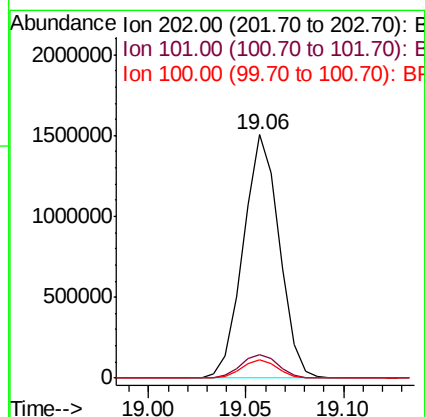
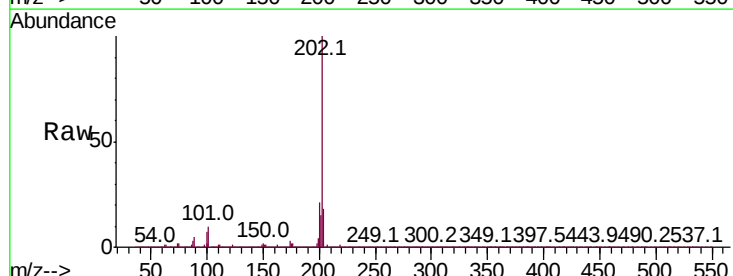
Instrument :
 BNA_P
 ClientSampleId :

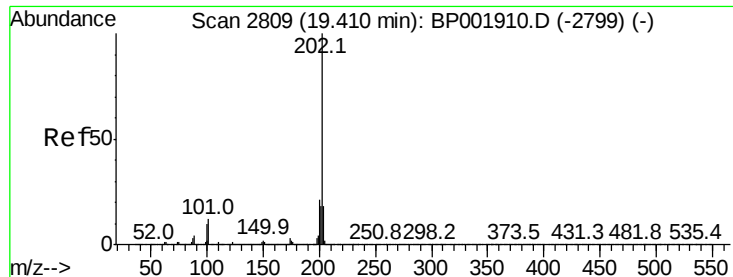
Tot Ion:167 Resp: 134218
 Ion Ratio Lower Upper
 167 100
 166 19.6 17.1 25.7
 139 13.2 10.2 15.2



#77
 Fluoranthene
 Concen: 16.425 ng/ul
 RT: 19.06 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: BP001919.D
 Acq: 26 Feb 2020 09:51

Tgt Ion:202 Resp: 1916055
 Ion Ratio Lower Upper
 202 100
 101 9.7 9.1 13.7
 100 7.5 6.6 9.8

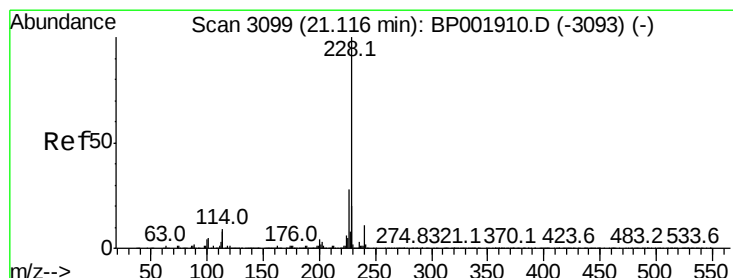
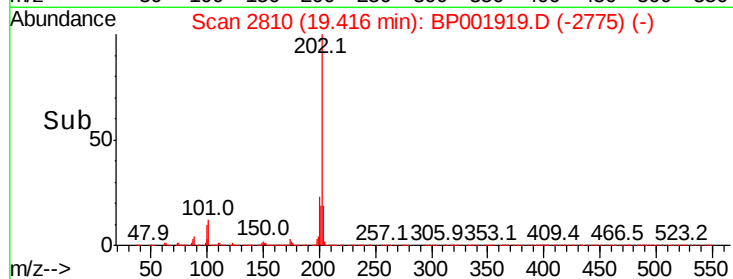
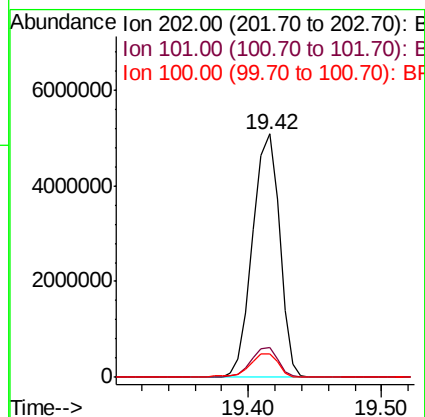
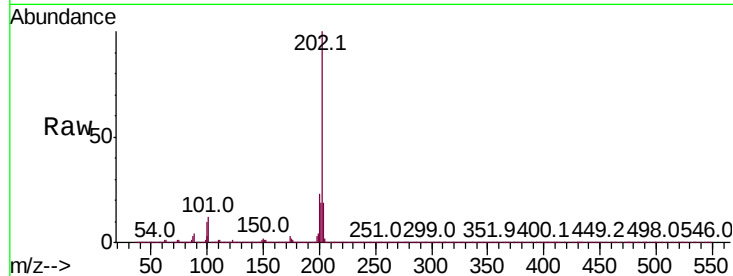




#80
Pvrene
Concen: 51.349 ng/ul
RT: 19.42 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BP001919.D
Acq: 26 Feb 2020 09:51

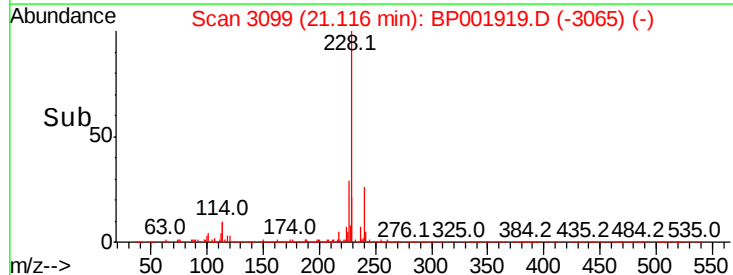
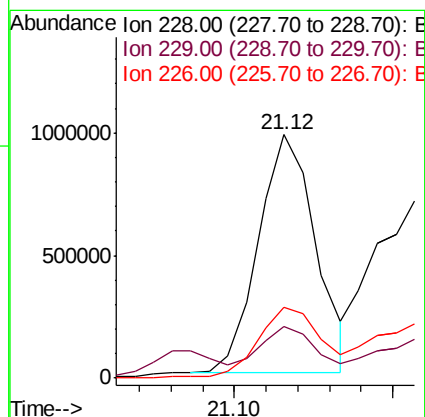
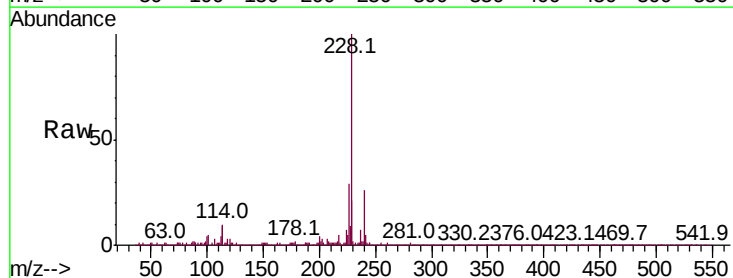
Instrument :
BNA_P
ClientSampleId :

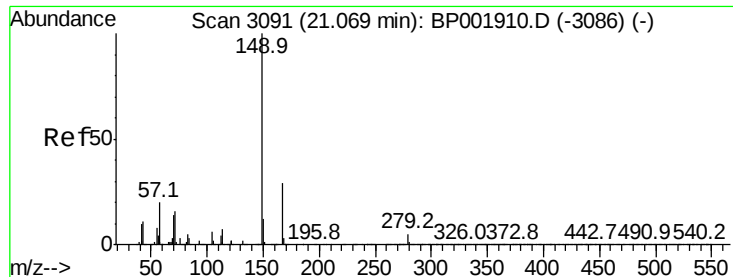
Tot Ion:202 Resp: 7093012
Ion Ratio Lower Upper
202 100
101 12.1 10.2 15.2
100 9.9 8.2 12.2



#83
Benzo(a)anthracene
Concen: 9.129 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BP001919.D
Acq: 26 Feb 2020 09:51

Tgt Ion:228 Resp: 1220781
Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.4
226 29.3 22.0 33.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.288 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

Instrument :

BNA_P

ClientSampleId :

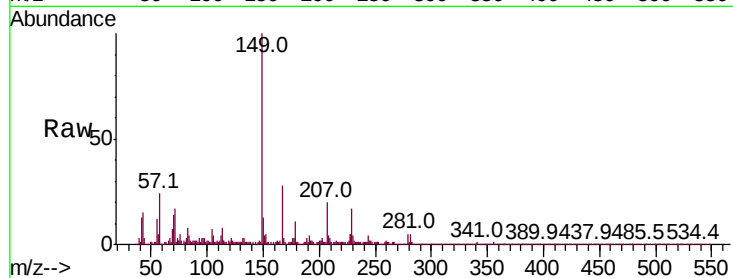
Tot Ion:149 Resp: 162556

Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

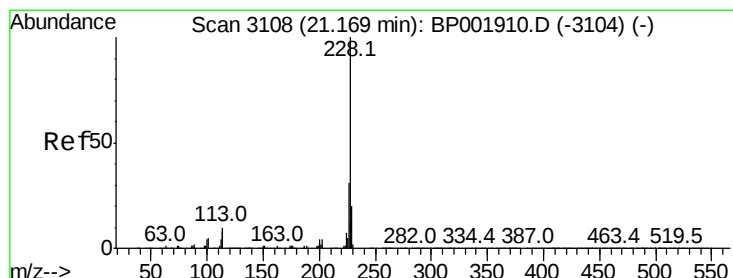
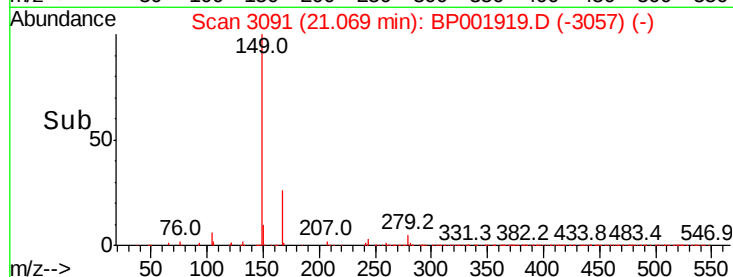
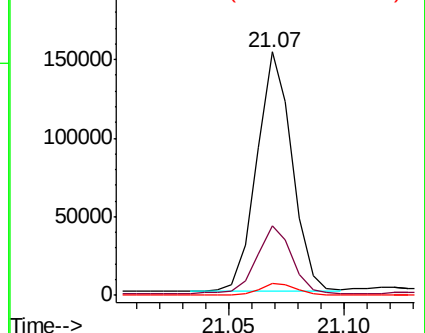
279 4.9 3.6 5.4



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: 14.885 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

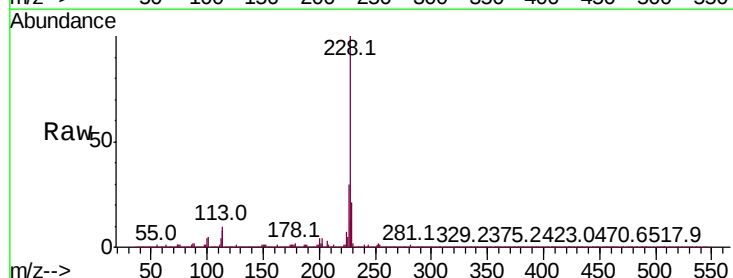
Tgt Ion:228 Resp: 1944709

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

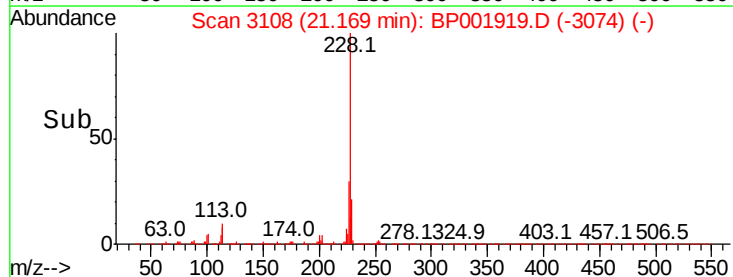
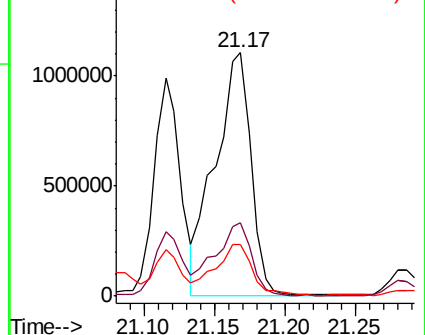
229 21.3 15.7 23.5

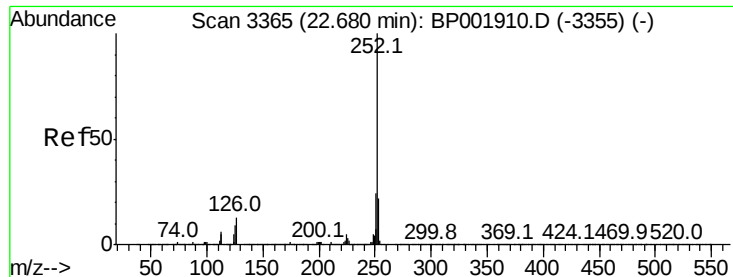


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 29.423 ng/u1

RT: 22.69 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

Instrument :

BNA_P

ClientSampleId :

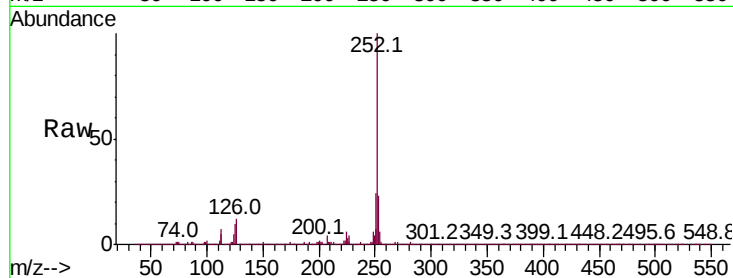
Tot Ion:252 Resp: 3462463

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

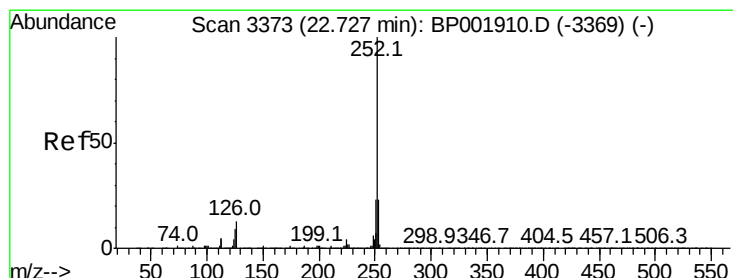
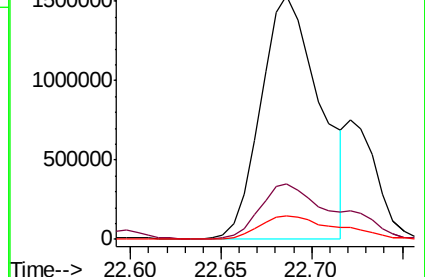
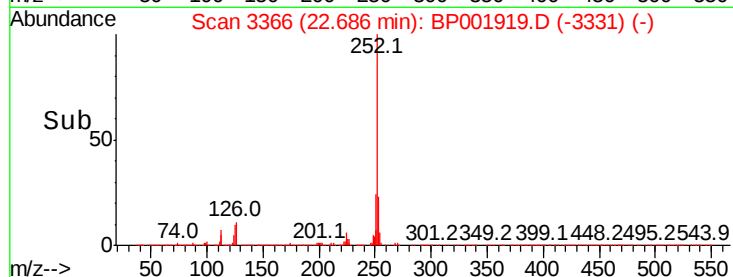
125 9.9 7.8 11.6



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: 28.386 ng/u1

RT: 22.69 min Scan# 3366

Delta R.T. -0.04 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

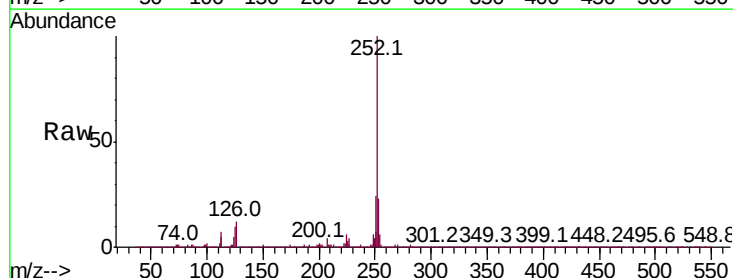
Tgt Ion:252 Resp: 3462463

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

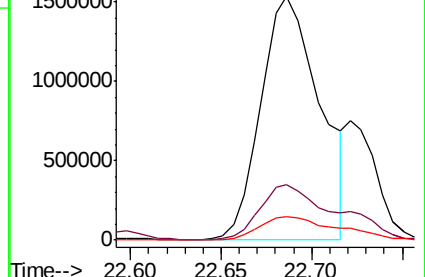
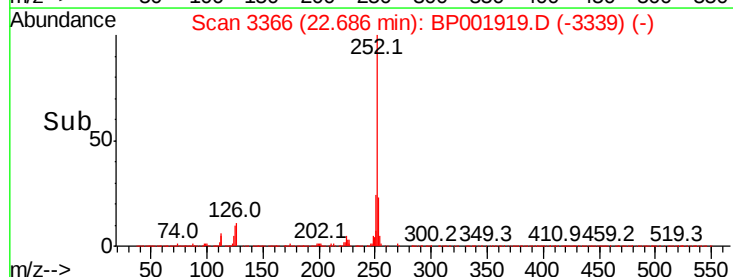
125 9.9 8.0 12.0

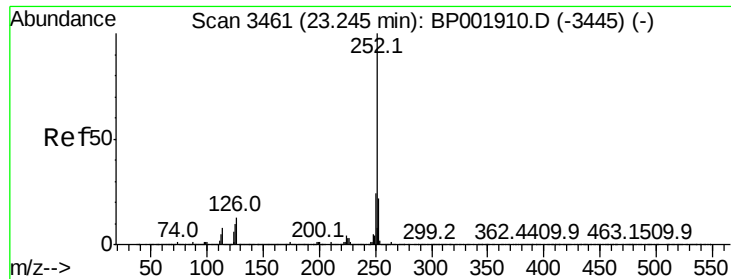


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

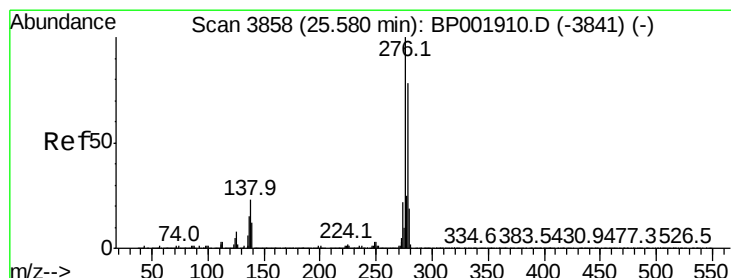
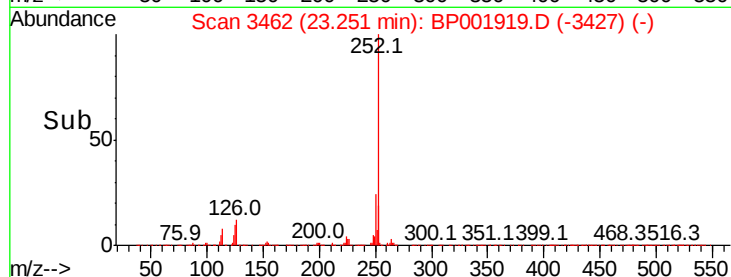
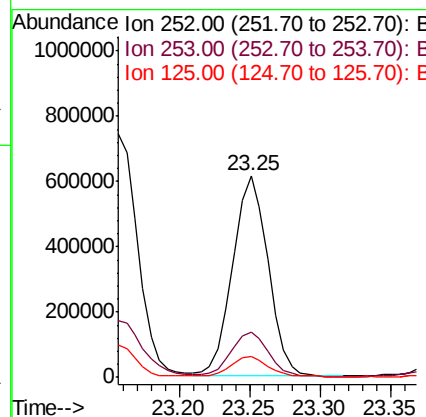
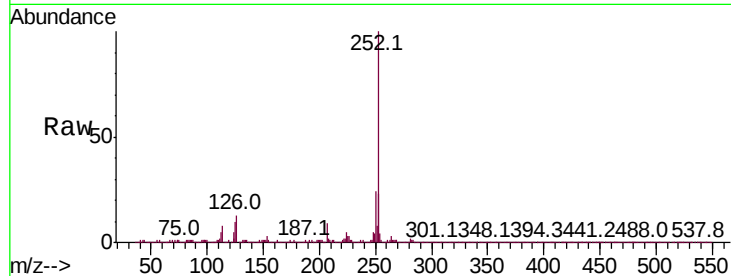




#91
Benzo(a)pyrene
Concen: 9.779 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. 0.01 min
Lab File: BP001919.D
Acq: 26 Feb 2020 09:51

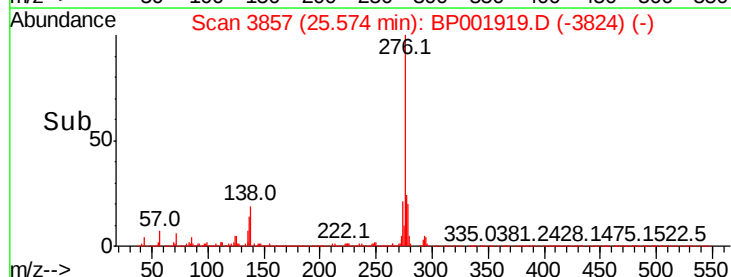
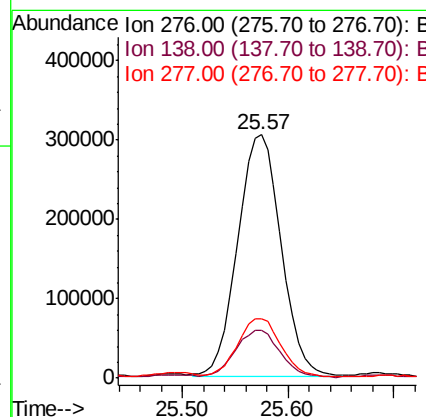
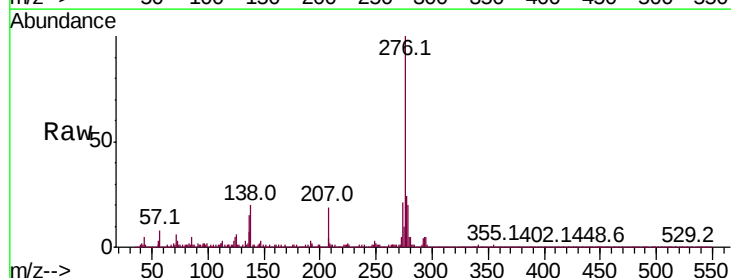
Instrument :
BNA_P
ClientSampled :

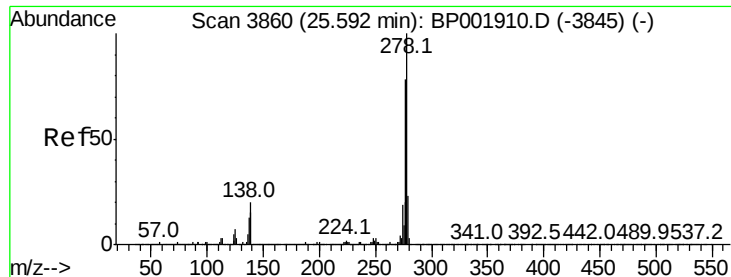
Tot Ion:252 Resp: 1078432
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.5 8.3 12.5



#92
Indeno(1,2,3-cd)pyrene
Concen: 6.302 ng/ul
RT: 25.57 min Scan# 3857
Delta R.T. -0.01 min
Lab File: BP001919.D
Acq: 26 Feb 2020 09:51

Tgt Ion:276 Resp: 868204
Ion Ratio Lower Upper
276 100
138 19.6 19.3 28.9
277 24.4 20.0 30.0





#93

Dibenzo(a,h)anthracene

Concen: 1.756 ng/ul

RT: 25.58 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

Instrument :

BNA_P

ClientSampleId :

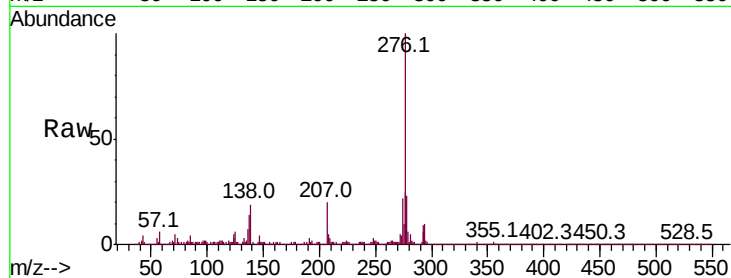
Tot Ion:278 Resp: 203174

Ion Ratio Lower Upper

278 100

139 0.0 13.3 19.9#

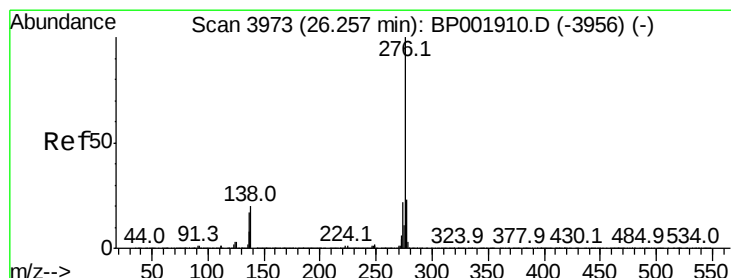
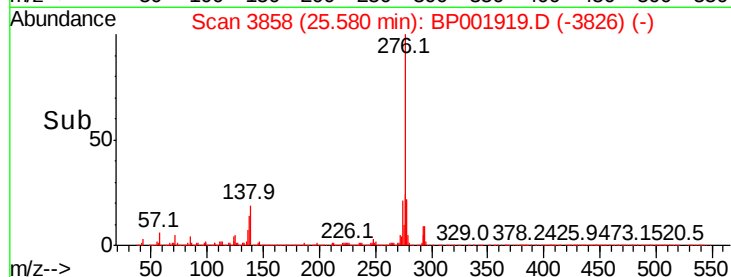
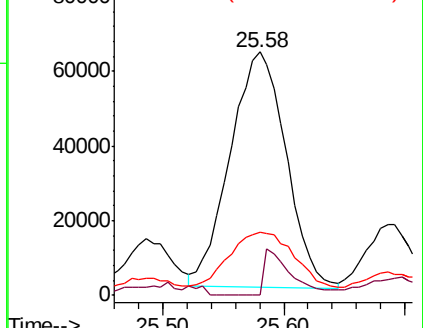
279 25.9 19.3 28.9



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(g,h,i)perylene

Concen: 4.658 ng/ul

RT: 26.25 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BP001919.D

Acq: 26 Feb 2020 09:51

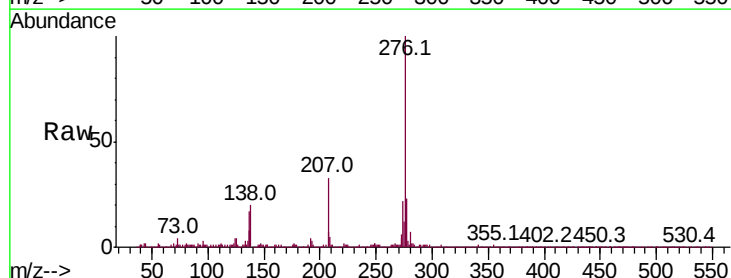
Tgt Ion:276 Resp: 545449

Ion Ratio Lower Upper

276 100

138 20.2 17.7 26.5

277 23.0 18.8 28.2



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

