

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
 Data File : BP001920.D
 Acq On : 26 Feb 2020 10:37
 Operator : CG/JU
 Sample : L1543-10MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 27 03:12:45 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	289134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1248371	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	823924	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1954157	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2084850	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2168099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	33138	4.76	ng/uL	0.00
5) Phenol-d5	6.83	99	802948	36.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	411881	32.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	682458	38.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	658334	37.99	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	333786	39.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	379260	49.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	755896	41.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	529354	24.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2450456	42.38	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2811336	39.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	445880	44.29	ng/ul	0.00
58) Fluorene-d10	15.29	176	2139003	41.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	294084	38.17	ng/ul	0.00
71) Anthracene-d10	17.14	188	3544876	41.18	ng/ul	0.00
79) Pyrene-d10	19.39	212	4233228	39.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	4626250	44.18	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.85	94	987914	42.671	ng/ul 98
10) 2-Chlorophenol	7.22	128	771705	41.319	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.45	70	542189	43.672	ng/ul 94
33) 4-Chloro-3-methylphenol	11.72	107	897503	50.536	ng/ul 97
45) Dimethylphthalate	13.75	163	358764	5.895	ng/ul 100
48) Acenaphthylene	14.00	152	109591	1.419	ng/ul 99
50) Acenaphthene	14.35	153	2078491	39.381	ng/ul 99
53) 4-Nitrophenol	14.50	109	381800	51.220	ng/ul 94
55) 2,4-Dinitrotoluene	14.66	165	836819	53.589	ng/ul 90
69) Pentachlorophenol	16.70	266	629818	52.556	ng/ul 98
70) Phenanthrene	17.08	178	134258	1.246	ng/ul 99
72) Anthracene	17.17	178	452491	4.251	ng/ul 99
75) Carbazole	17.45	167	142753	1.608	ng/ul 99
77) Fluoranthene	19.06	202	1924354	16.675	ng/ul 96
80) Pyrene	19.42	202	7157142	50.469	ng/ul 100
83) Benzo(a)anthracene	21.12	228	1333459	9.712	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.07	149	165975	2.275	ng/ul 98
85) Chrysene	21.17	228	1957859	14.597	ng/ul 98
88) Benzo(b)fluoranthene	22.69	252	3474730	27.237	ng/ul 98
89) Benzo(k)fluoranthene	22.69	252	3474730	26.276	ng/ul 98
91) Benzo(a)pyrene	23.26	252	1148981	9.610	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.58	276	946218	6.336	ng/ul 96
93) Dibenzo(a,h)anthracene	25.59	278	225238	1.796	ng/ul# 82

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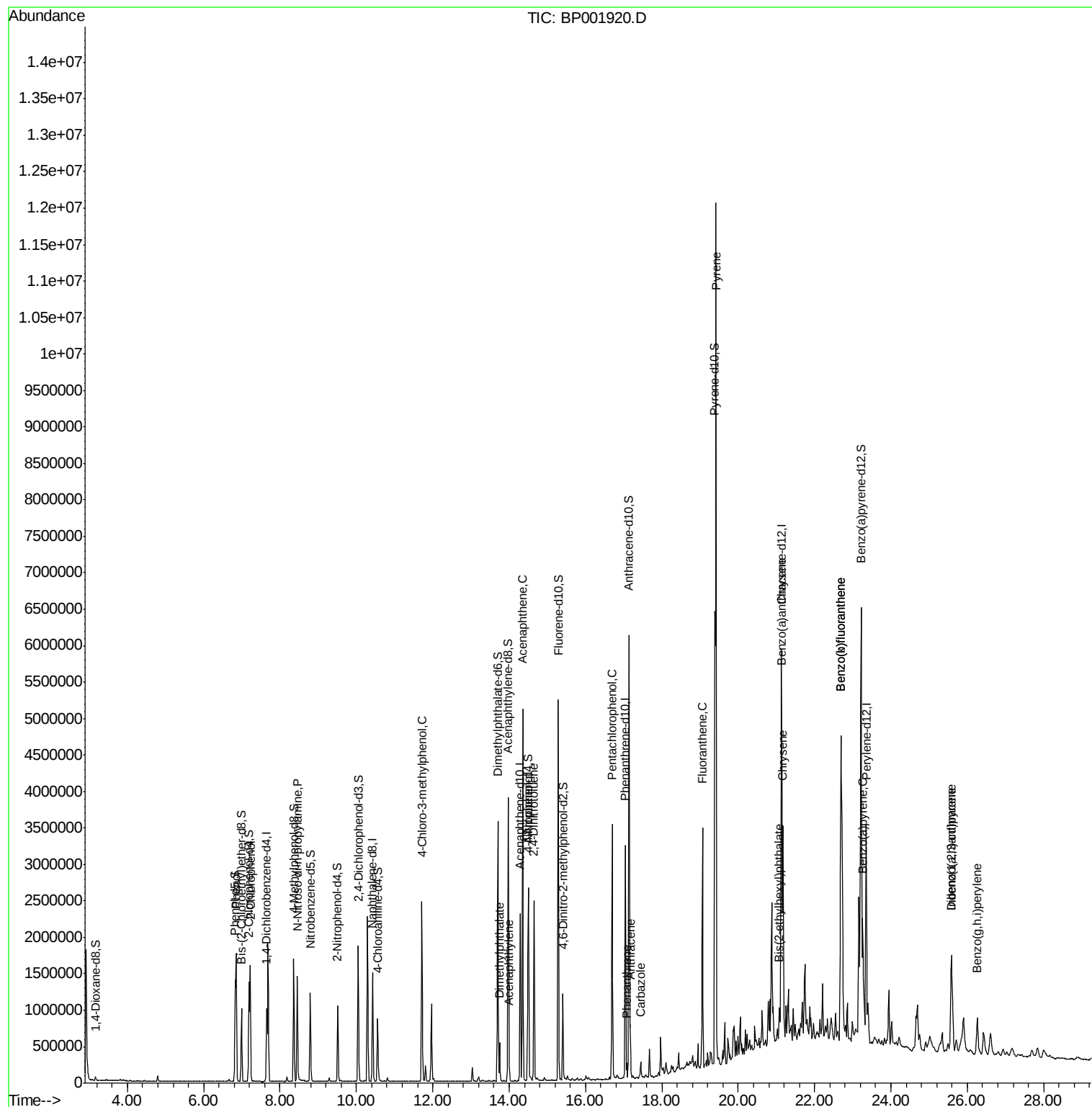
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(q,h,i)perylene	26.26	276	596562	4.699	ng/ul	98

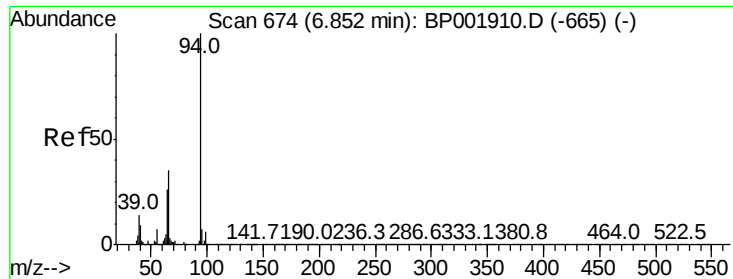
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
Response via : Initial Calibration





#6

Phenol

Concen: 42.671 ng/ul

RT: 6.85 min Scan# 674

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

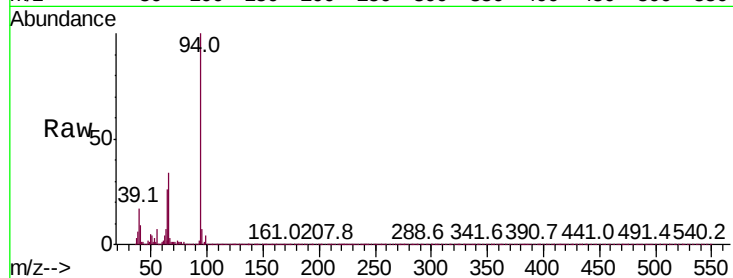
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 987914

Ion	Ratio	Lower	Upper
94	100		
65	25.6	19.8	29.6
66	34.0	26.6	39.8



Abundance

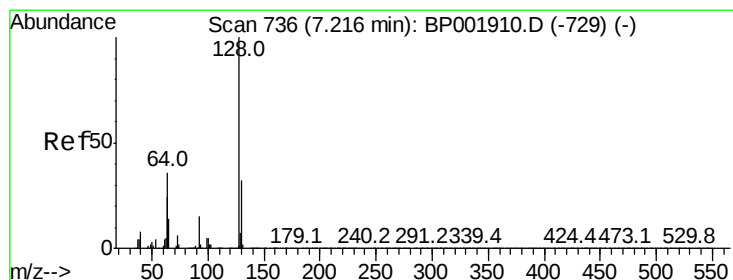
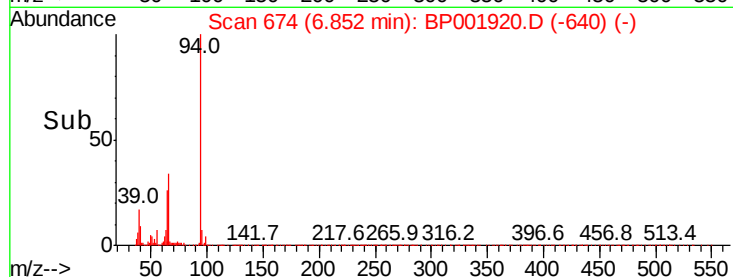
Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

6.85

Time-->



#10

2-Chlorophenol

Concen: 41.319 ng/ul

RT: 7.22 min Scan# 736

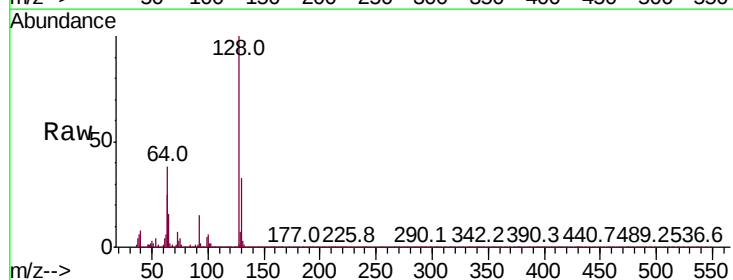
Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Tgt Ion: 128 Resp: 771705

Ion	Ratio	Lower	Upper
128	100		
64	38.0	32.9	49.3
130	32.7	26.4	39.6



Abundance

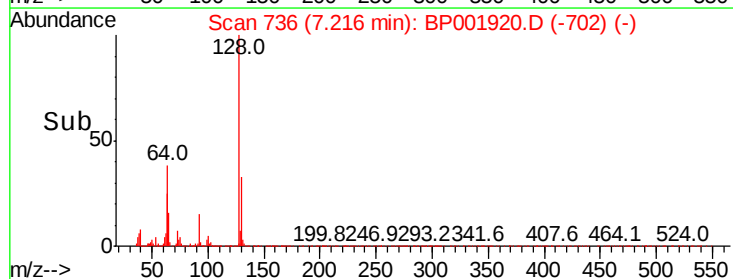
Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BP0

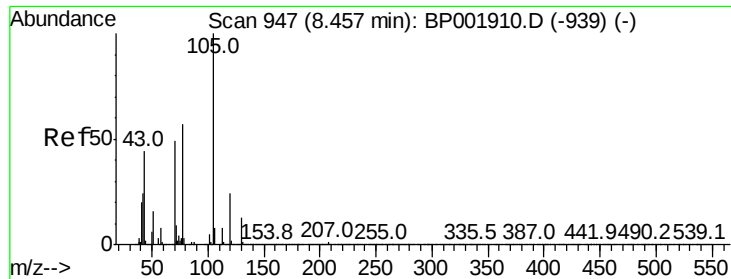
Ion 130.00 (129.70 to 130.70): E

7.22

Time-->



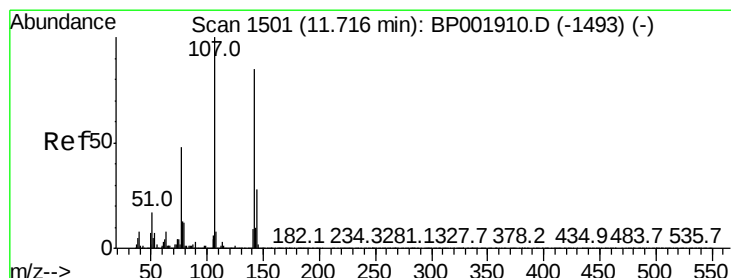
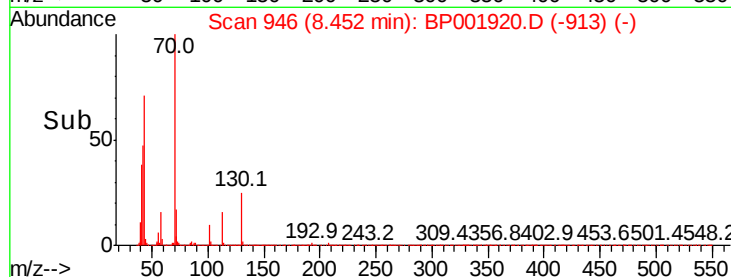
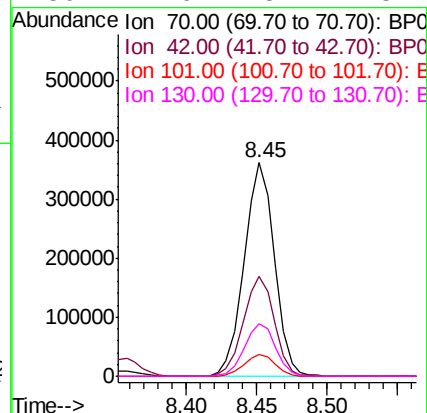
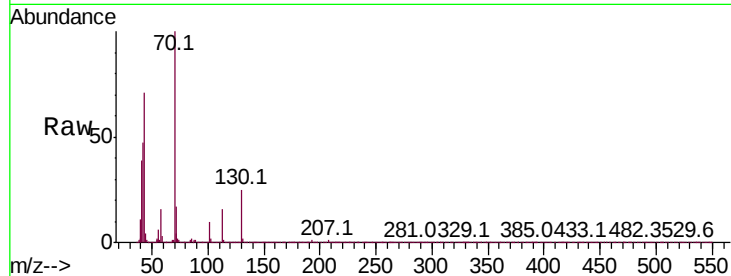
Time-->



#15
N-Nitroso-di-n-propylamine
Concen: 43.672 ng/ul
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

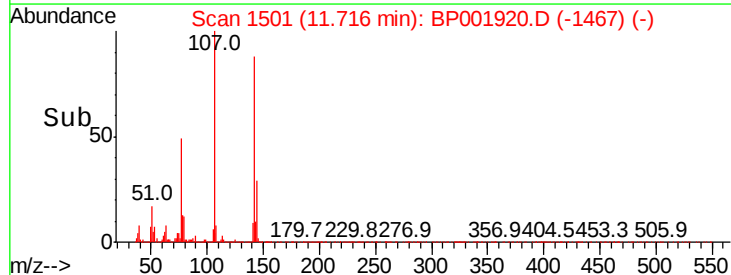
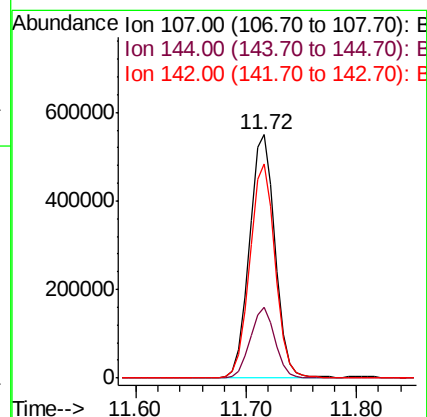
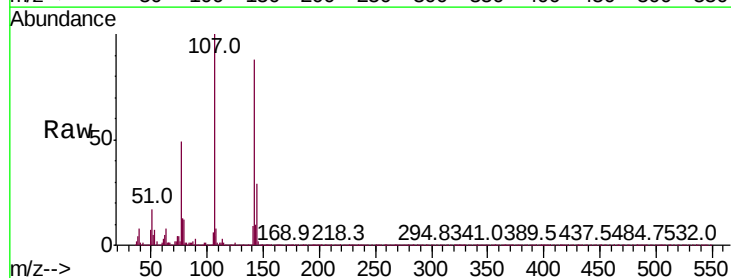
Instrument :
BNA_P
ClientSampleId :

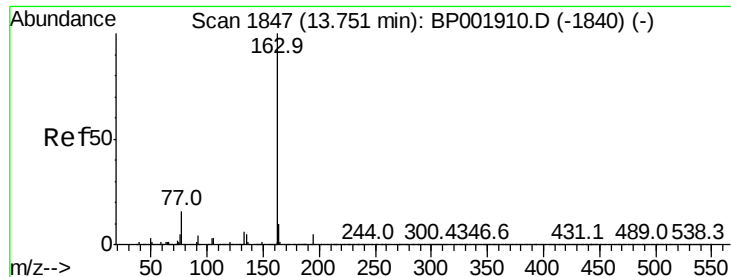
Tot Ion:	70	Resp:	542189
Ion	Ratio	Lower	Upper
70	100		
42	46.7	41.8	62.6
101	10.5	8.0	12.0
130	24.6	18.7	28.1



#33
4-Chloro-3-methylphenol
Concen: 50.536 ng/ul
RT: 11.72 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion:	107	Resp:	897503
Ion	Ratio	Lower	Upper
107	100		
144	28.9	22.3	33.5
142	87.9	68.2	102.4

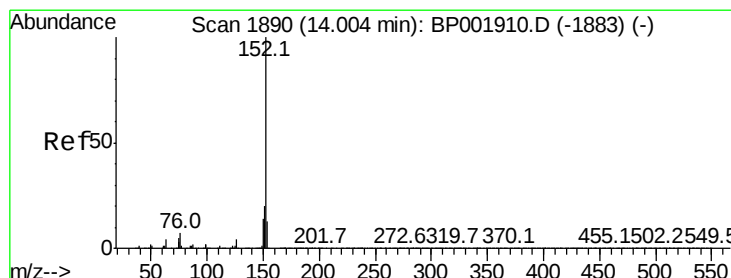
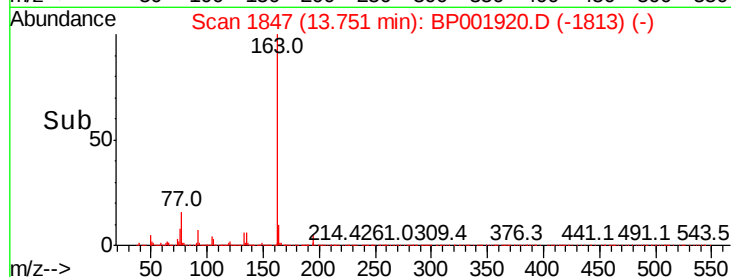
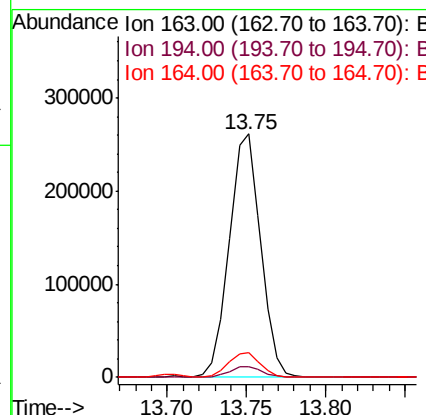
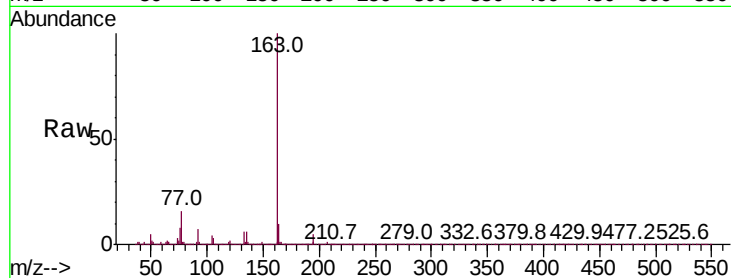




#45
Dimethylphthalate
Concen: 5.895 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

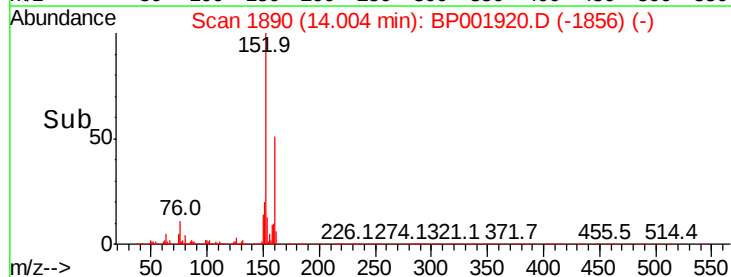
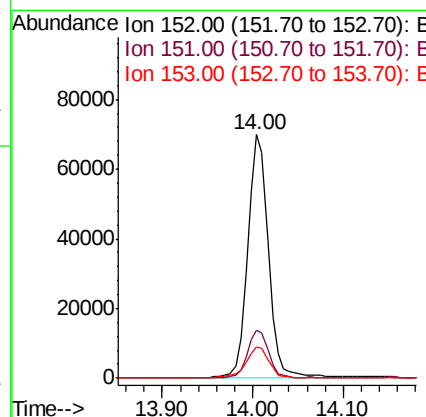
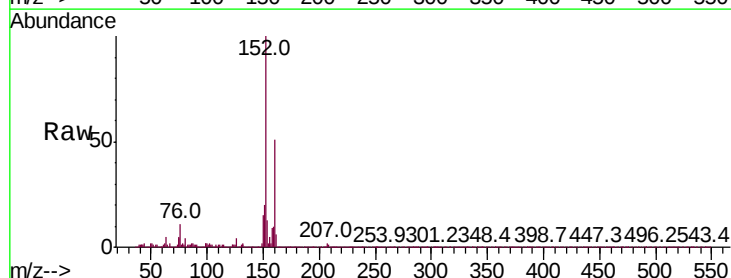
Instrument :
BNA_P
ClientSampleId :

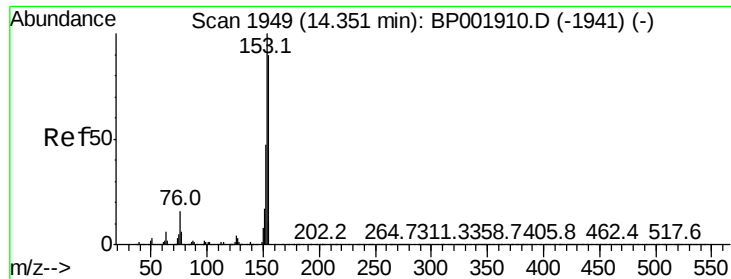
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.1	8.0	12.0



#48
Acenaphthylene
Concen: 1.419 ng/ul
RT: 14.00 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.7	16.1





#50

Acenaphthene

Concen: 39.381 ng/ul

RT: 14.35 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

ClientSampleId :

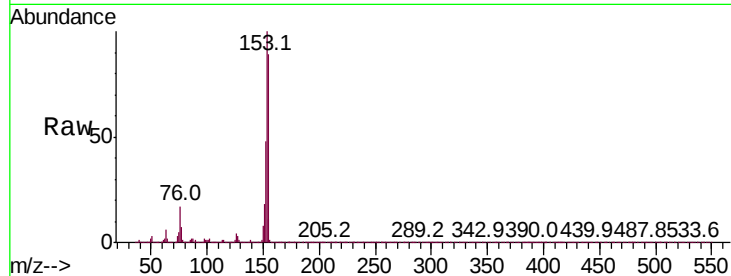
Tot Ion:153 Resp: 2078491

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.8	56.8
154	89.4	71.9	107.9

153 100

152 47.7 37.8 56.8

154 89.4 71.9 107.9

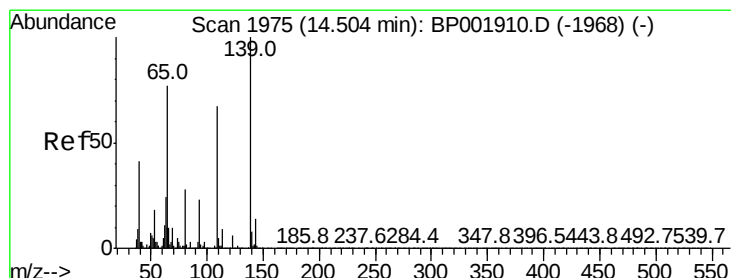
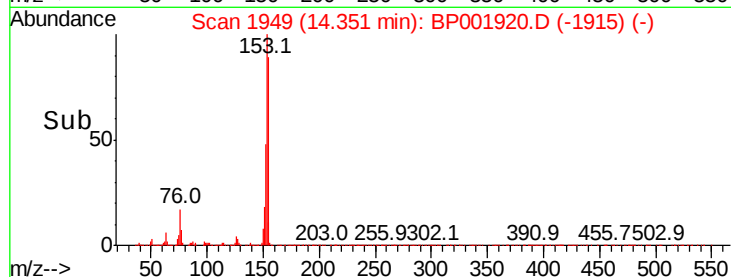
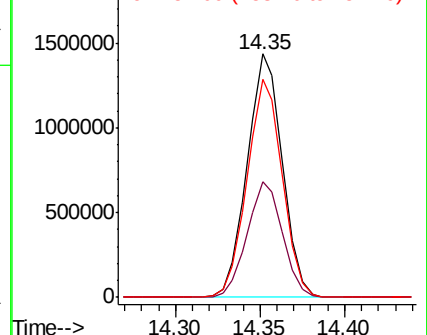


Abundance

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: 51.220 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

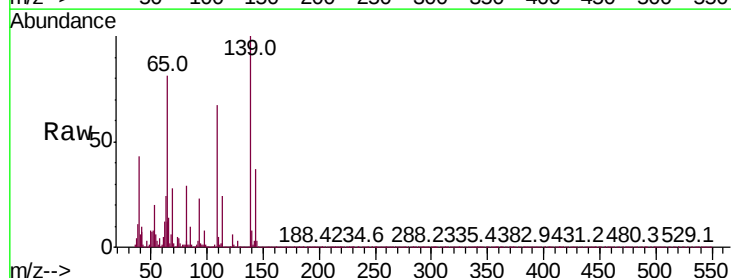
Tgt Ion:109 Resp: 381800

Ion	Ratio	Lower	Upper
109	100		
139	148.4	123.1	184.7
65	120.7	105.0	157.6

109 100

139 148.4 123.1 184.7

65 120.7 105.0 157.6

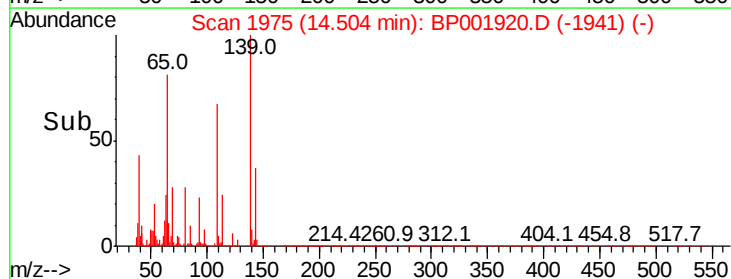
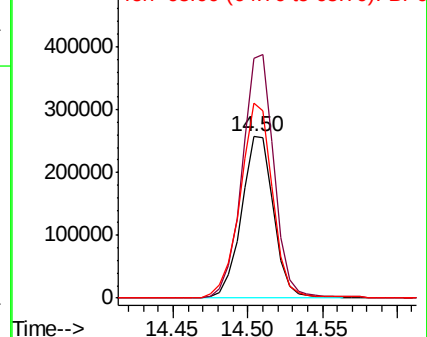


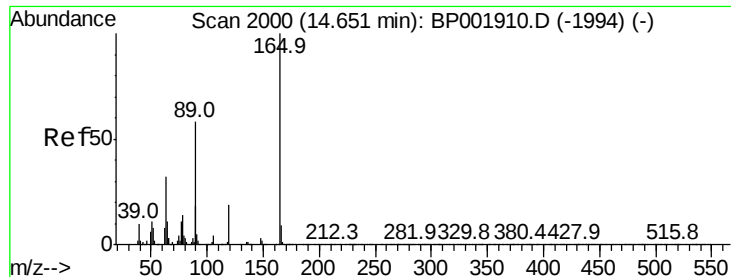
Abundance

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

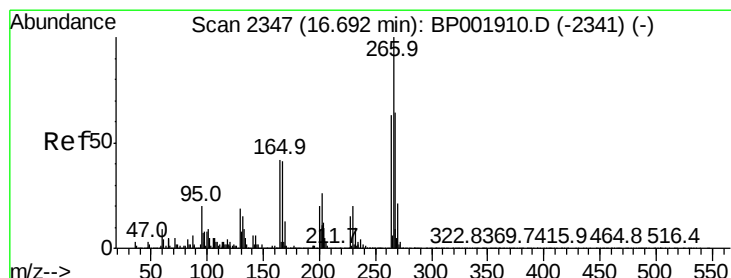
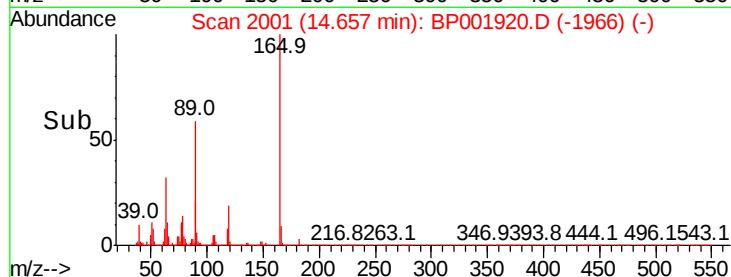
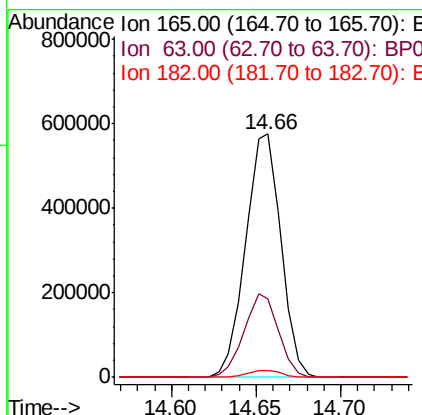
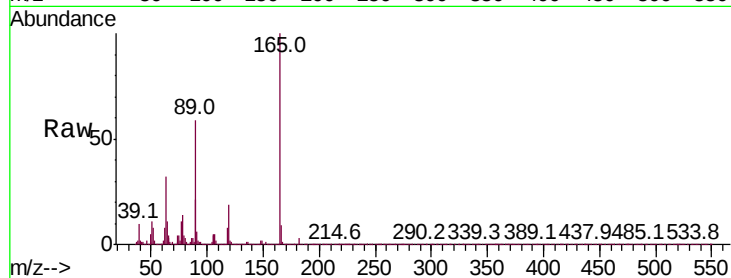




#55
 2,4-Dinitrotoluene
 Concen: 53.589 ng/ul
 RT: 14.66 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BP001920.D
 Acq: 26 Feb 2020 10:37

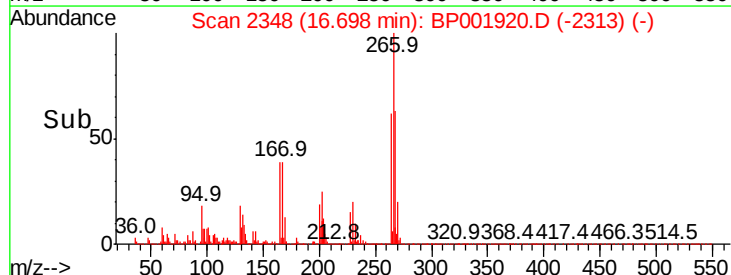
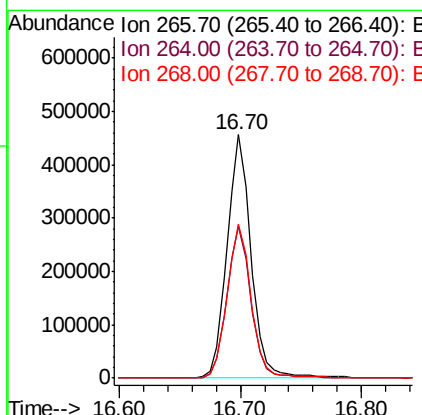
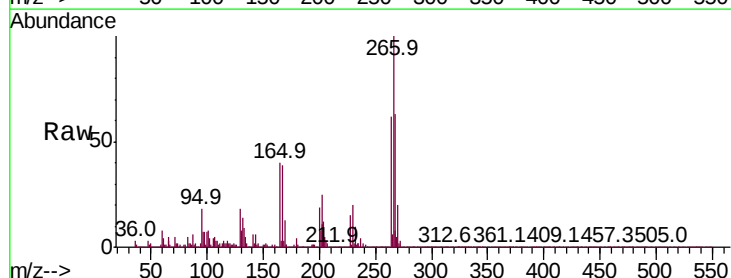
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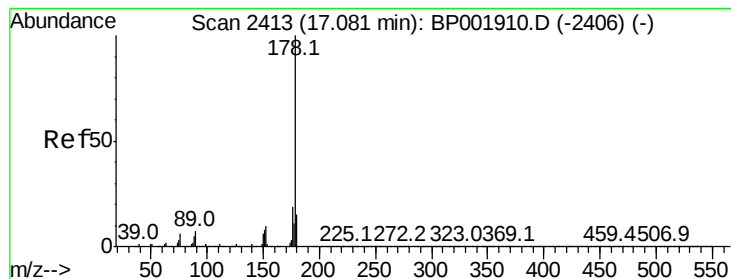
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.3	31.0	46.6
182	2.9	2.4	3.6



#69
 Pentachlorophenol
 Concen: 52.556 ng/ul
 RT: 16.70 min Scan# 2348
 Delta R.T. 0.01 min
 Lab File: BP001920.D
 Acq: 26 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.1	76.7
268	63.3	51.5	77.3





#70

Phenanthrene

Concen: 1.246 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

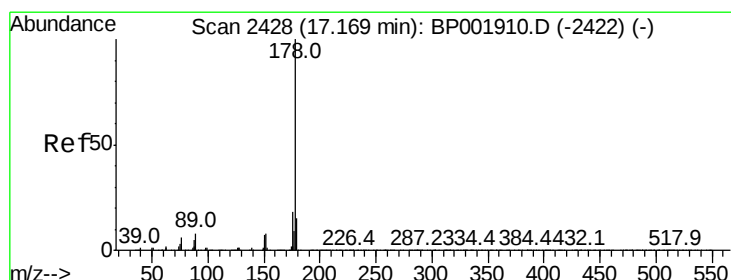
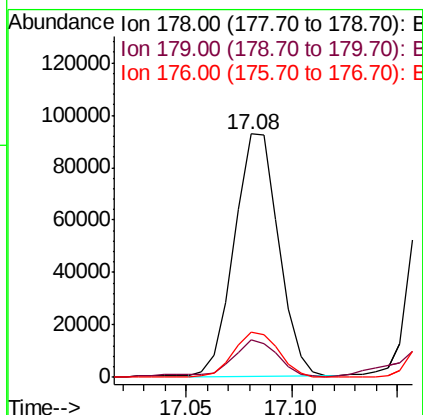
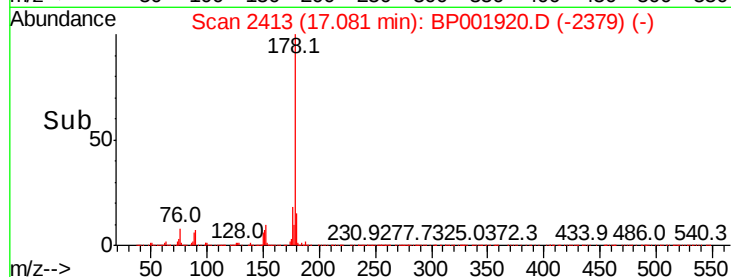
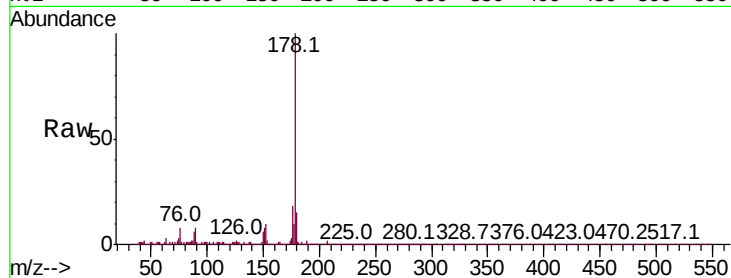
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 134258

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.5	15.3	22.9



#72

Anthracene

Concen: 4.251 ng/ul

RT: 17.17 min Scan# 2429

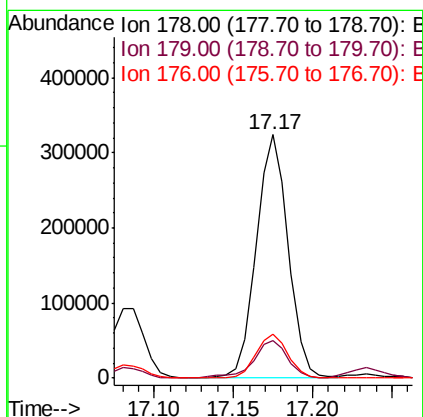
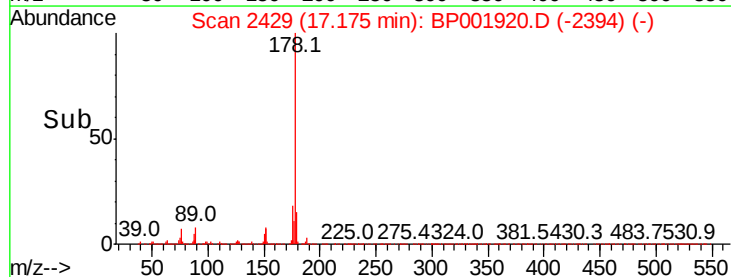
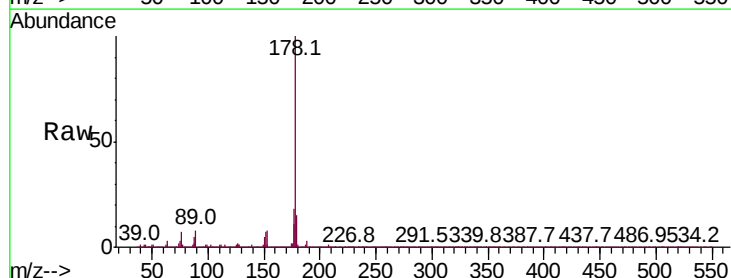
Delta R.T. 0.01 min

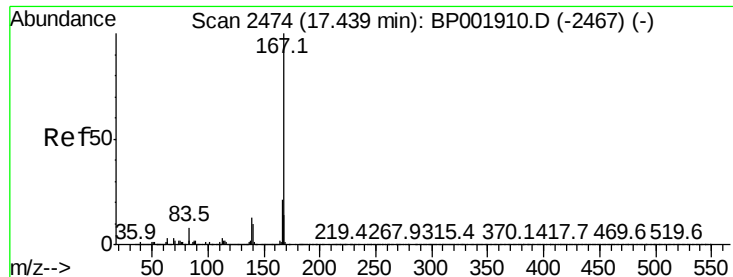
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Tgt Ion:178 Resp: 452491

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.0	14.8	22.2





#75

Carbazole

Concen: 1.608 ng/ul

RT: 17.45 min Scan# 2475

Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

ClientSampleId :

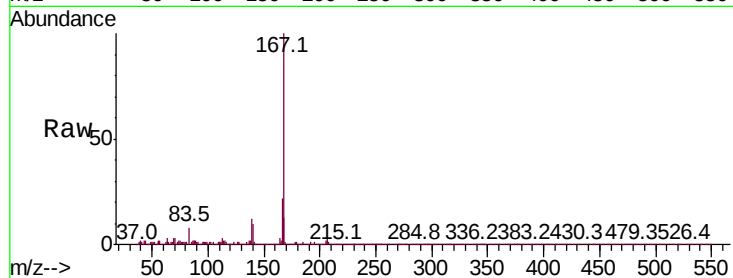
Tot Ion:167 Resp: 142753

Ion Ratio Lower Upper

167 100

166 22.1 17.1 25.7

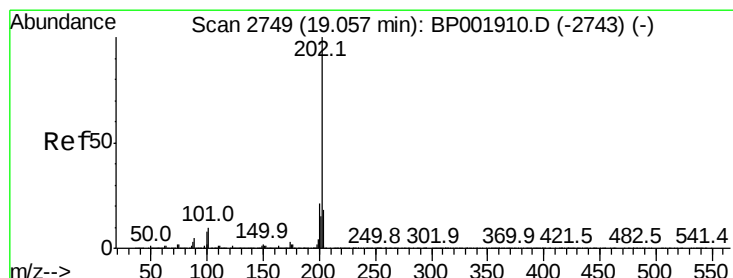
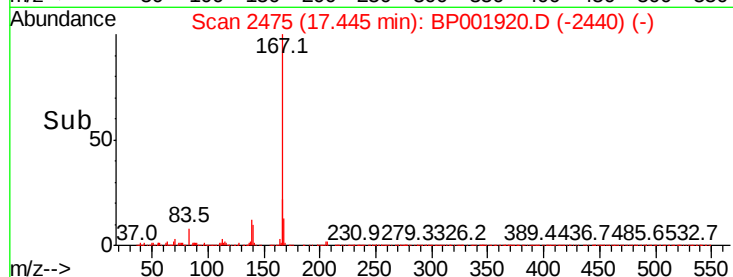
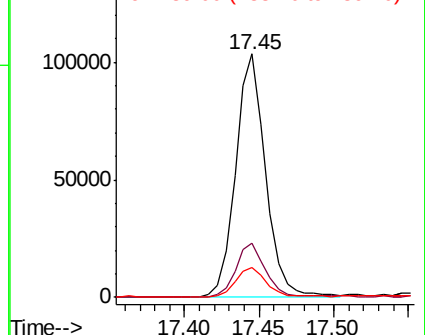
139 12.1 10.2 15.2



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: 16.675 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

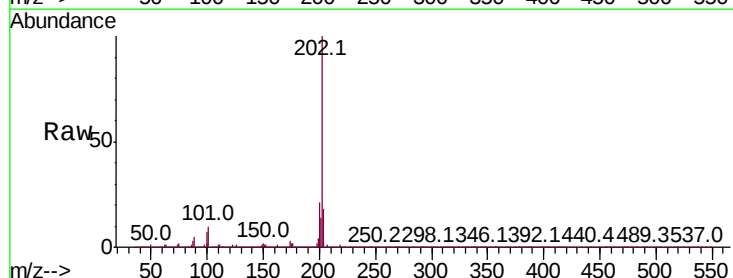
Tgt Ion:202 Resp: 1924354

Ion Ratio Lower Upper

202 100

101 9.6 9.1 13.7

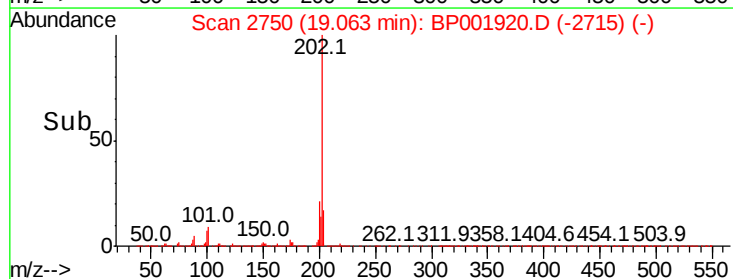
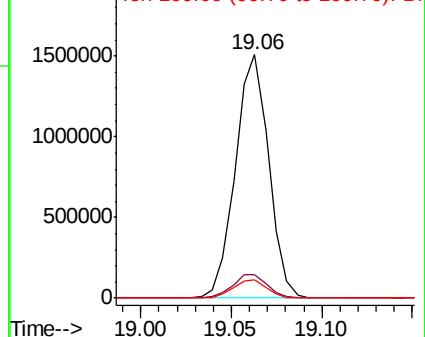
100 7.4 6.6 9.8

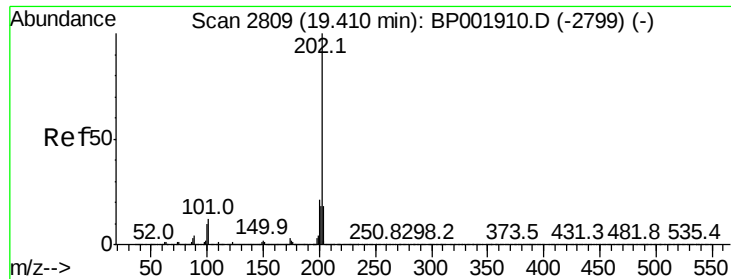


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

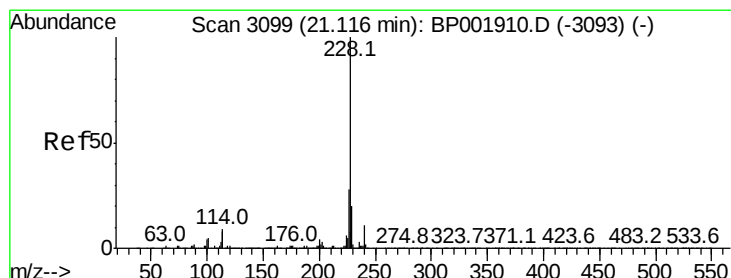
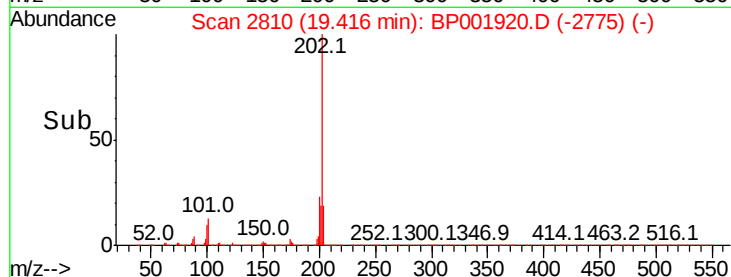
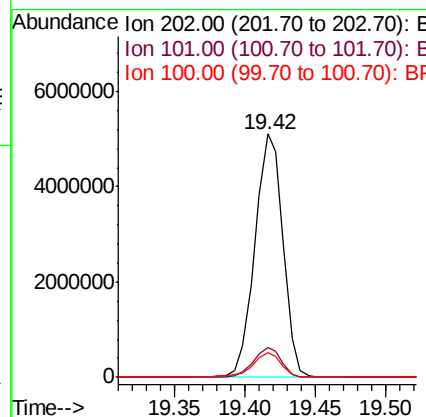
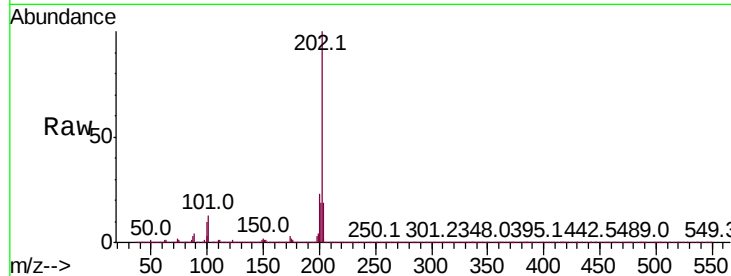




#80
Pvrene
Concen: 50.469 ng/ul
RT: 19.42 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

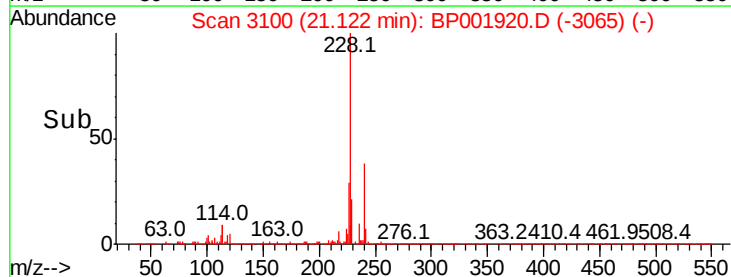
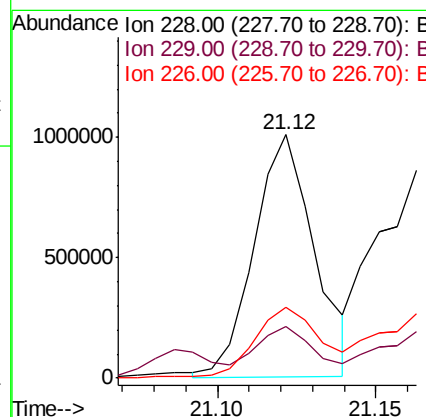
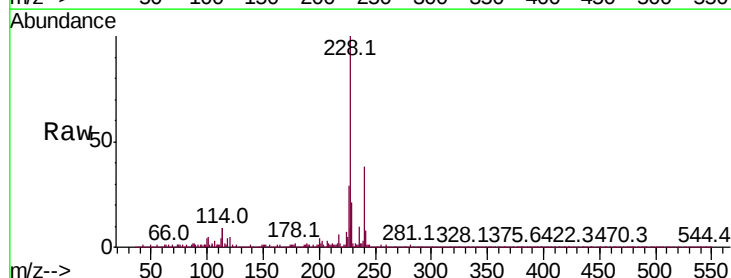
Instrument :
BNA_P
ClientSampleId :

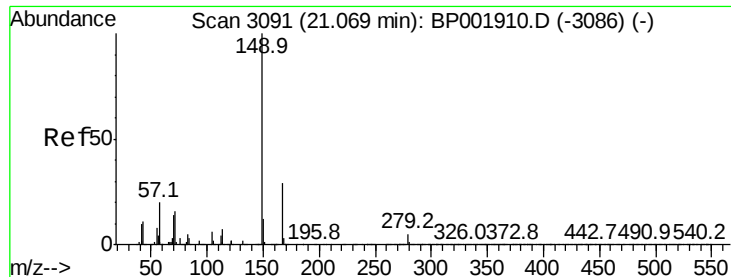
Tot Ion:202 Resp: 7157142
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 10.2 8.2 12.2



#83
Benzo(a)anthracene
Concen: 9.712 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BP001920.D
Acq: 26 Feb 2020 10:37

Tgt Ion:228 Resp: 1333459
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.4
226 29.3 22.0 33.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.275 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

ClientSampleId :

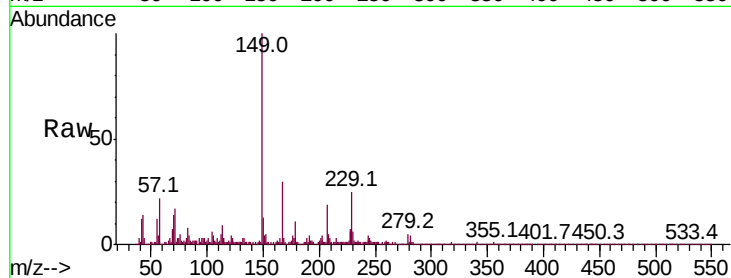
Tot Ion:149 Resp: 165975

Ion Ratio Lower Upper

149 100

167 29.5 22.6 34.0

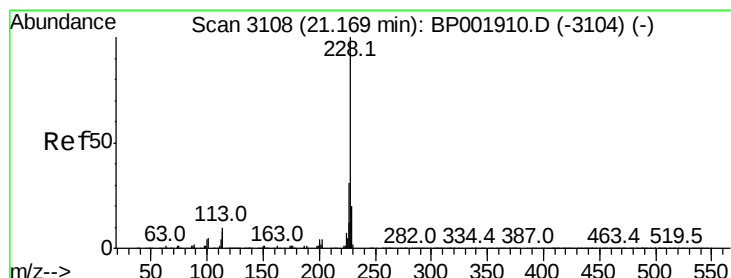
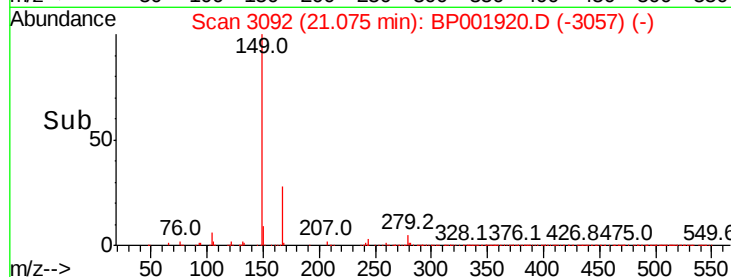
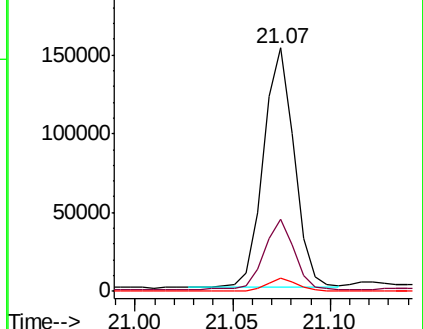
279 5.2 3.6 5.4



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: 14.597 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

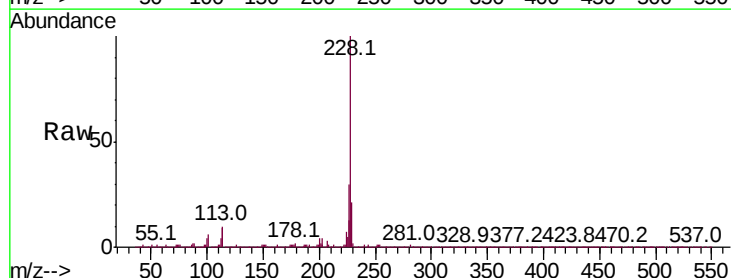
Tgt Ion:228 Resp: 1957859

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

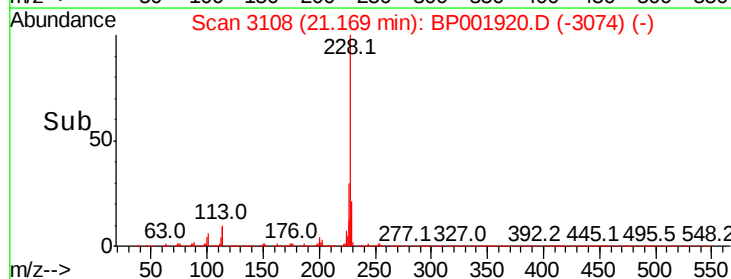
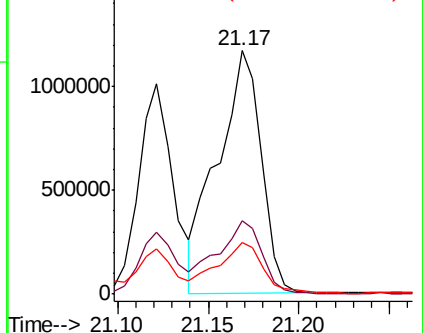
229 21.3 15.7 23.5

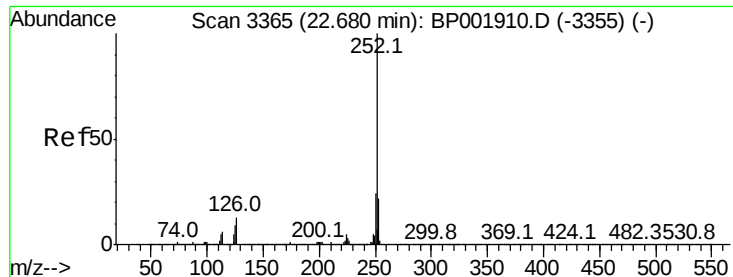


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 27.237 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

ClientSampleId :

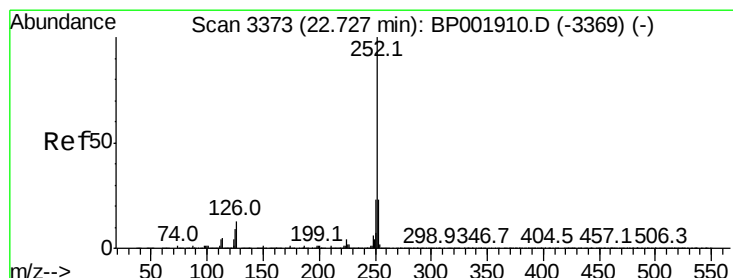
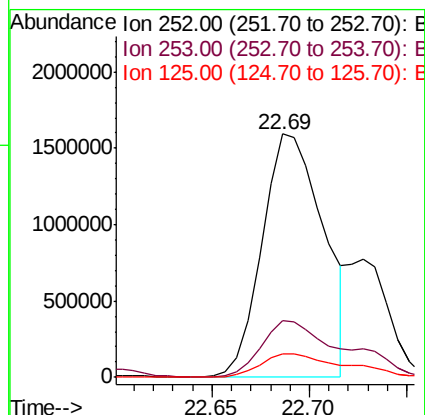
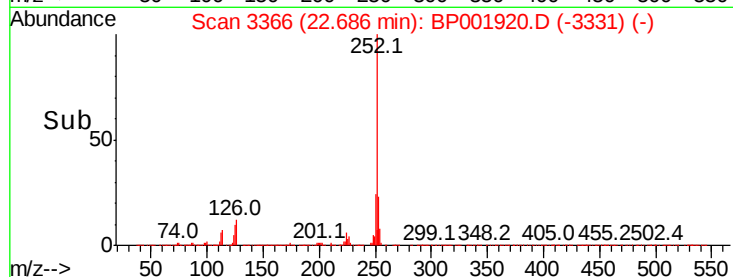
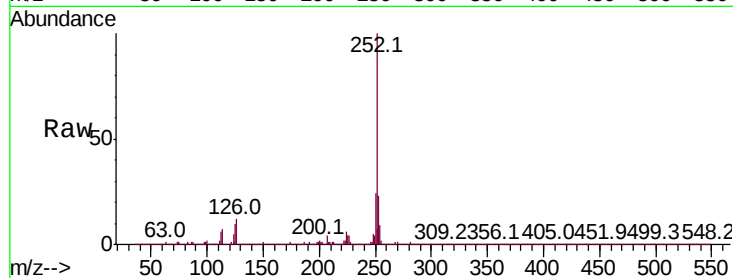
Tot Ion:252 Resp: 3474730

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 9.9 7.8 11.6



#89

Benzo(k)fluoranthene

Concen: 26.276 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.04 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

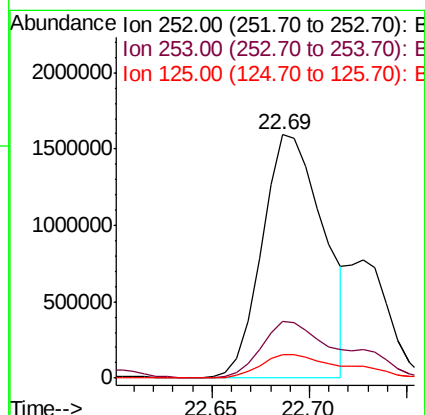
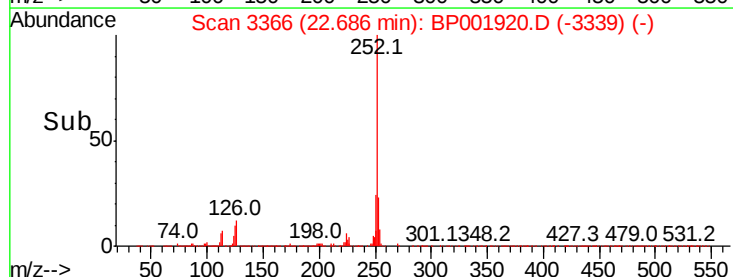
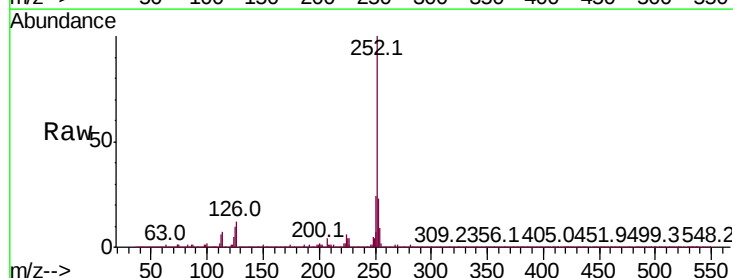
Tgt Ion:252 Resp: 3474730

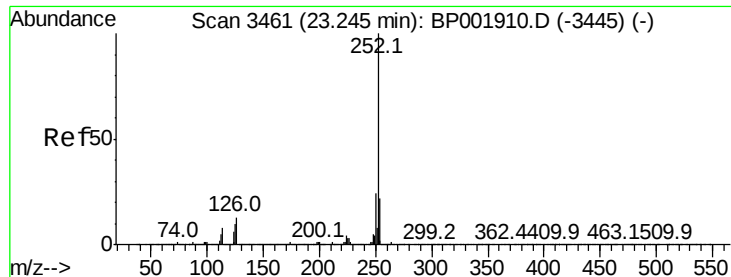
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 9.9 8.0 12.0





#91

Benzo(a)pyrene

Concen: 9.610 ng/ul

RT: 23.26 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

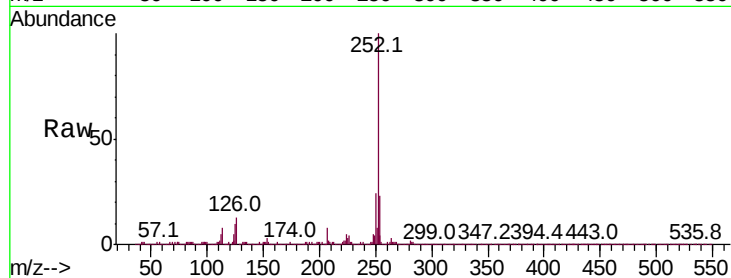
Instrument :

BNA_P

ClientSampled :

Tot Ion:252 Resp: 1148981

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	10.0	8.3	12.5

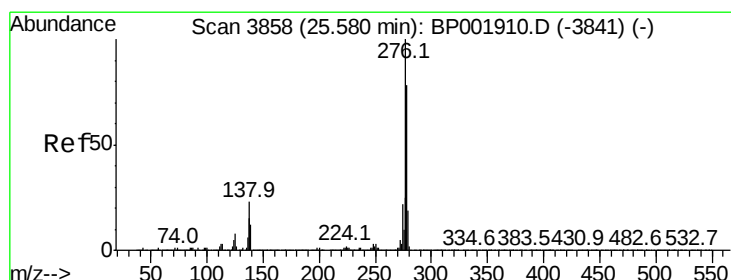
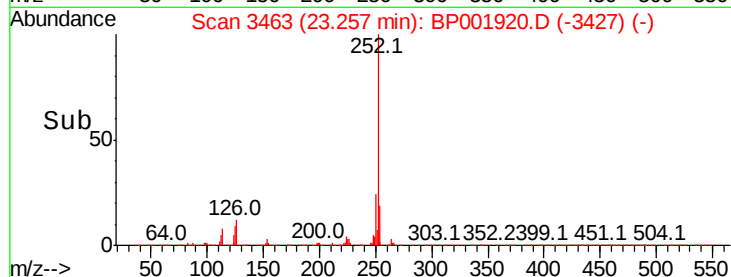
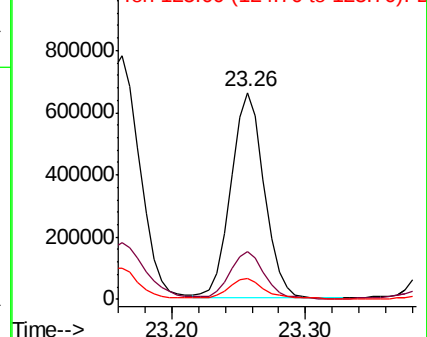


Abundance

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: 6.336 ng/ul

RT: 25.58 min Scan# 3858

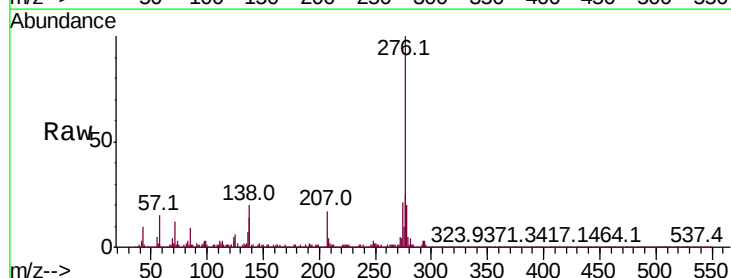
Delta R.T. 0.00 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Tgt Ion:276 Resp: 946218

Ion	Ratio	Lower	Upper
276	100		
138	19.9	19.3	28.9
277	24.9	20.0	30.0

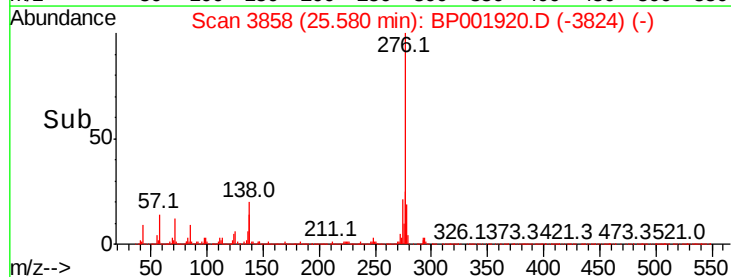
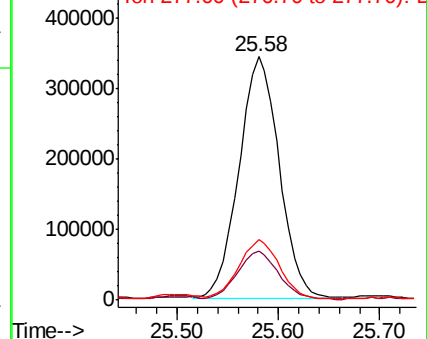


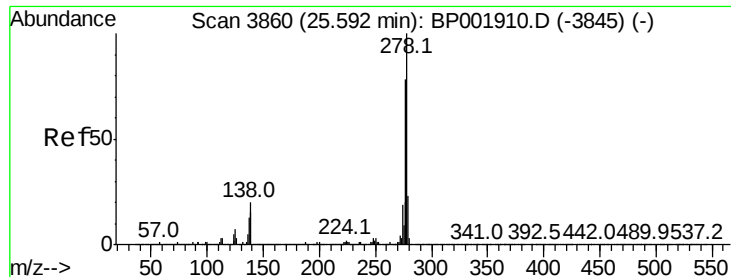
Abundance

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: 1.796 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BP001920.D

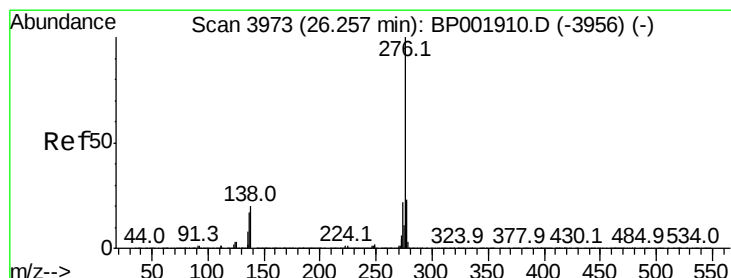
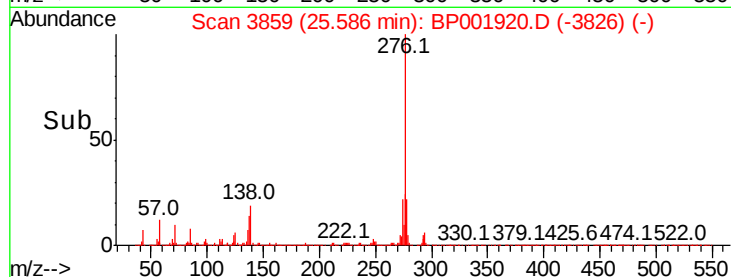
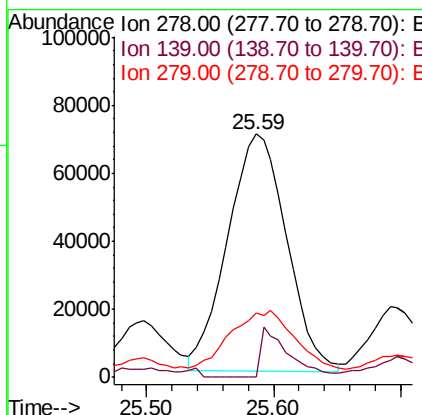
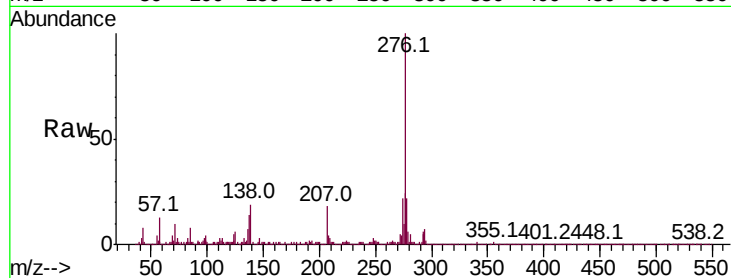
Acq: 26 Feb 2020 10:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	278	Resp:	225238
Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	26.2	19.3	28.9



#94

Benzo(g,h,i)perylene

Concen: 4.699 ng/ul

RT: 26.26 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BP001920.D

Acq: 26 Feb 2020 10:37

Tgt Ion:	276	Resp:	596562
Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.7	26.5
277	23.8	18.8	28.2

