

Data File : BP001850.D
Acq On : 22 Feb 2020 06:51
Operator : CG/JU
Sample : L1506-24
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-32-33-COMP

Quant Time: Feb 24 01:13:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 01:10:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	395311	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1680359	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1070360	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2453150	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2362631	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2640467	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	46979	4.94	ng/uL	0.00
5) Phenol-d5	6.83	99	1139126	38.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	597901	34.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	969092	40.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	953774	40.26	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	493085	43.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	556568	54.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1044087	42.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1146275	39.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	3203590	42.65	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	3793998	41.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	575127	43.97	ng/ul	0.00
58) Fluorene-d10	15.29	176	2754393	40.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	413675	42.77	ng/ul	0.00
71) Anthracene-d10	17.14	188	4167703	38.57	ng/ul	0.00
79) Pyrene-d10	19.39	212	4862174	40.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5598070	43.90	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.20	88	161880	15.858	ng/uL 97
4) Benzaldehyde	6.79	77	662947	36.258	ng/ul 99
6) Phenol	6.86	94	1848534	58.398	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.09	93	1041548	40.804	ng/ul 97
17) Hexachloroethane	8.73	117	665995	65.564	ng/ul 93
20) Nitrobenzene	8.84	77	674235	23.912	ng/ul 95
23) 2-Nitrophenol	9.55	139	734117	59.556	ng/ul 96
28) Naphthalene	10.48	128	4132592	46.022	ng/ul 99
30) 4-Chloroaniline	10.48	127	545867	18.668	ng/ul# 4
34) 2-Methylnaphthalene	12.10	142	4031383	65.129	ng/ul 100
35) 1-Methylnaphthalene	12.32	142	2107282	34.544	ng/ul 99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	859991	24.667	ng/ul 97
40) 2,4,5-Trichlorophenol	12.78	196	1724907	84.076	ng/ul 99
41) 1,1'-Biphenyl	13.12	154	3864321	46.309	ng/ul 98
42) 2-Chloronaphthalene	13.16	162	2937065	44.578	ng/ul 100
45) Dimethylphthalate	13.75	163	571037	7.223	ng/ul 100
48) Acenaphthylene	14.01	152	4063602	40.498	ng/ul 98
50) Acenaphthene	14.36	153	2526117	36.843	ng/ul 100
53) 4-Nitrophenol	14.51	109	348549	35.993	ng/ul 91
54) Dibenzofuran	14.69	168	1967568	20.376	ng/ul 99
55) 2,4-Dinitrotoluene	14.66	165	746497	36.798	ng/ul 91
57) Diethylphthalate	15.13	149	1993245	26.369	ng/ul 99
59) Fluorene	15.35	166	3358104	43.715	ng/ul 100

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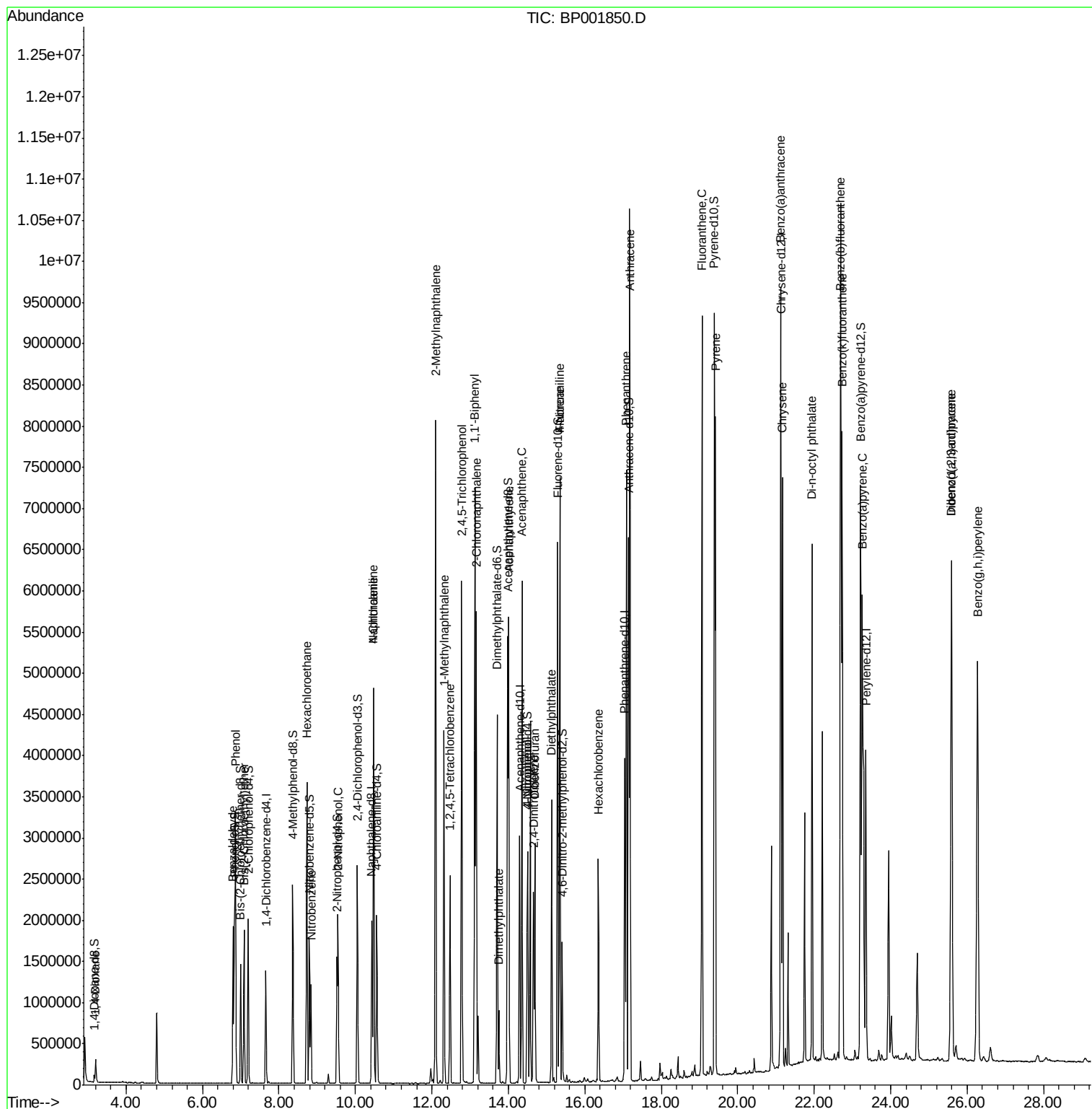
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	15.35	138	36095	2.279	ng/ul#	25
67) Hexachlorobenzene	16.36	284	596737	19.204	ng/ul	97
70) Phenanthrene	17.09	178	4700817	34.747	ng/ul	99
72) Anthracene	17.17	178	6821758	51.048	ng/ul	96
77) Fluoranthene	19.06	202	5436278	37.525	ng/ul	98
80) Pyrene	19.42	202	4714308	29.335	ng/ul	98
83) Benzo(a)anthracene	21.12	228	4559388	29.305	ng/ul	99
85) Chrysene	21.17	228	3654504	24.043	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	4444020	33.606	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	7584627	48.817	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	3940707	24.469	ng/ul	99
91) Benzo(a)pyrene	23.26	252	4244894	29.153	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.59	276	4911857	27.005	ng/ul	97
93) Dibenzo(a,h)anthracene	25.60	278	2807961	18.381	ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	6373695	41.222	ng/ul	97

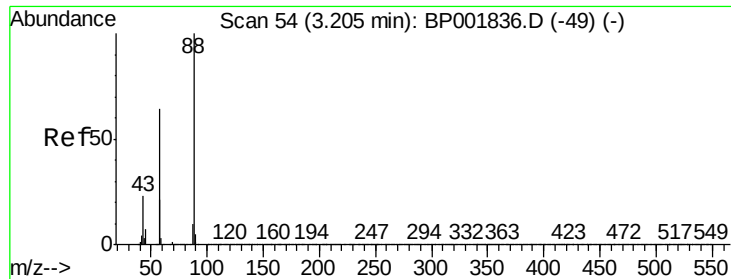
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 15.858 ng/uL

RT: 3.20 min Scan# 54

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

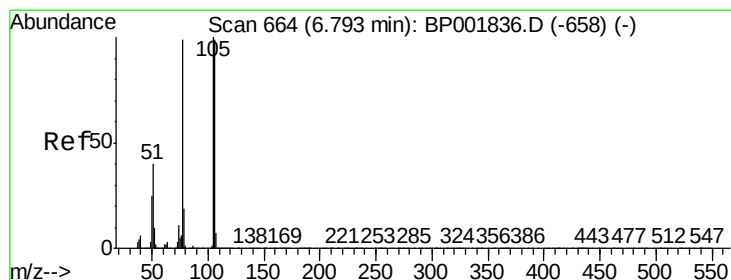
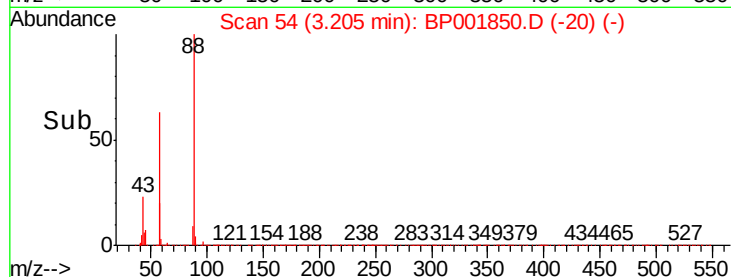
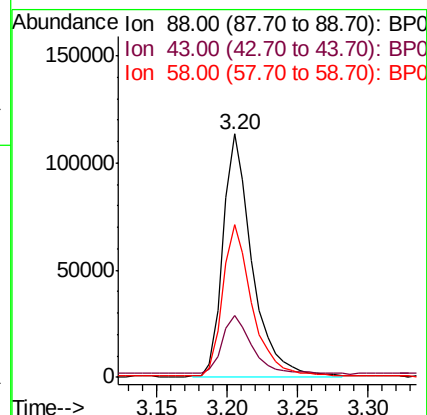
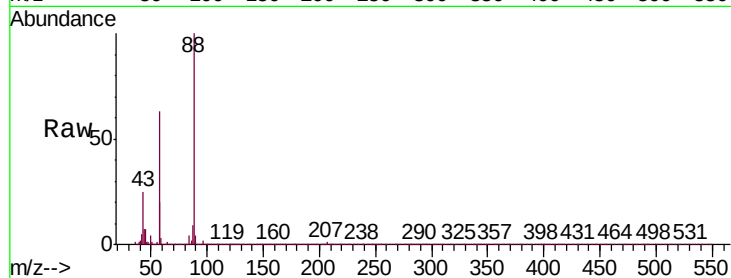
Tgt Ion: 88 Resp: 161880

Ion Ratio Lower Upper

88 100

43 25.3 20.6 31.0

58 62.9 52.3 78.5



#4

Benzaldehyde

Concen: 36.258 ng/uL

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

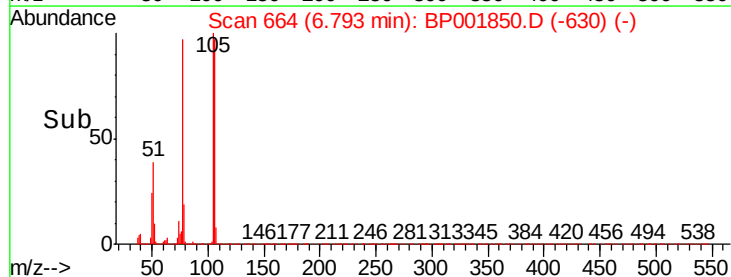
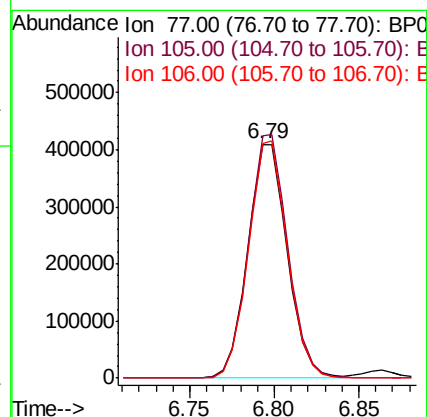
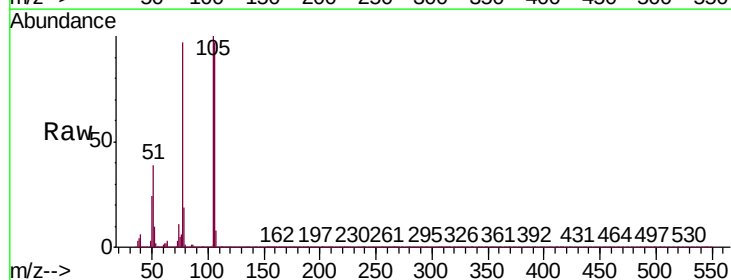
Tgt Ion: 77 Resp: 662947

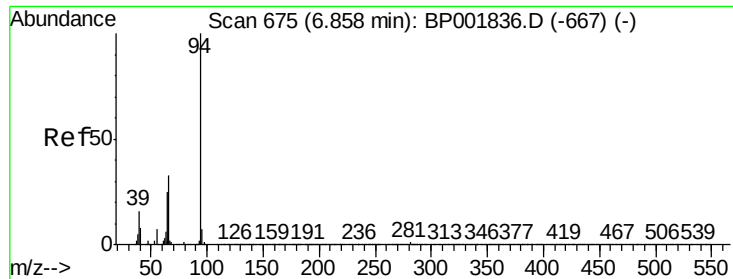
Ion Ratio Lower Upper

77 100

105 103.4 82.0 123.0

106 100.2 78.9 118.3





#6

Phenol

Concen: 58.398 ng/ul

RT: 6.86 min Scan# 676

Delta R.T. 0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

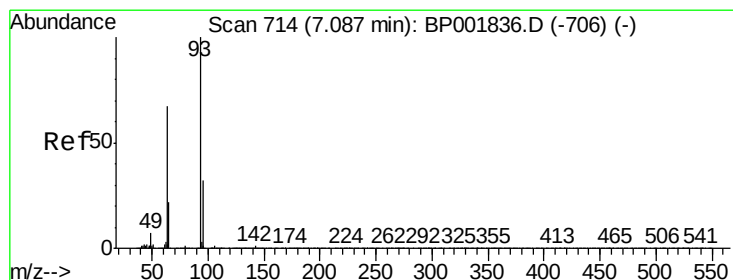
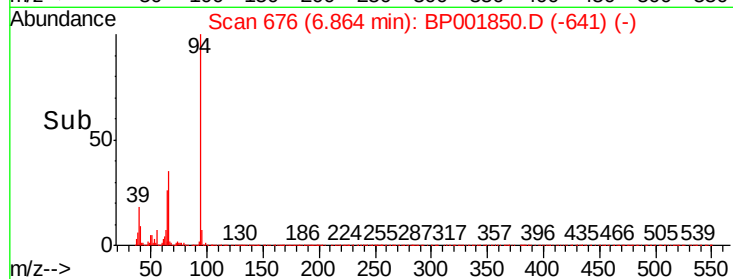
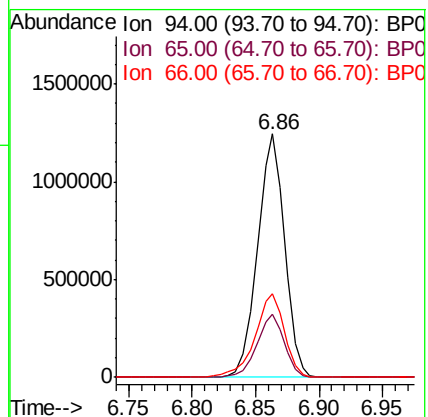
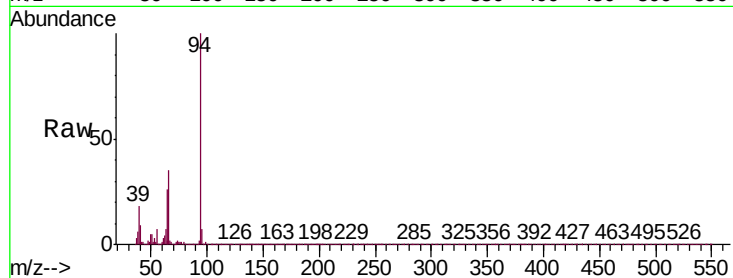
Tgt Ion: 94 Resp: 1848534

Ion Ratio Lower Upper

94 100

65 25.7 19.8 29.6

66 34.6 26.6 39.8



#8

Bis(2-Chloroethyl)ether

Concen: 40.804 ng/ul

RT: 7.09 min Scan# 714

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

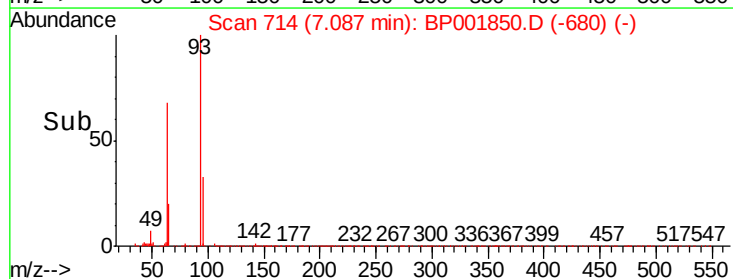
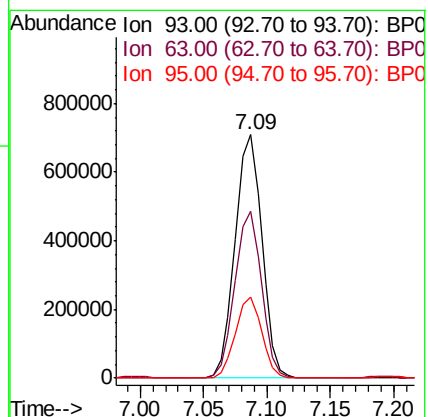
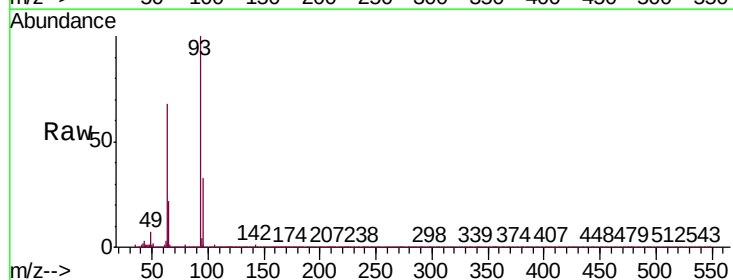
Tgt Ion: 93 Resp: 1041548

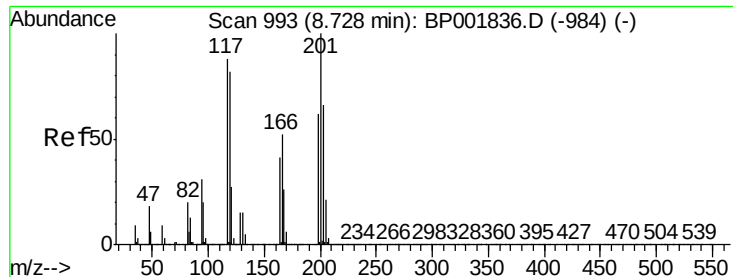
Ion Ratio Lower Upper

93 100

63 68.4 57.2 85.8

95 33.2 26.8 40.2

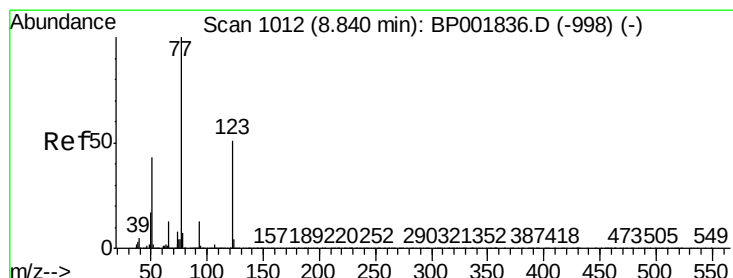
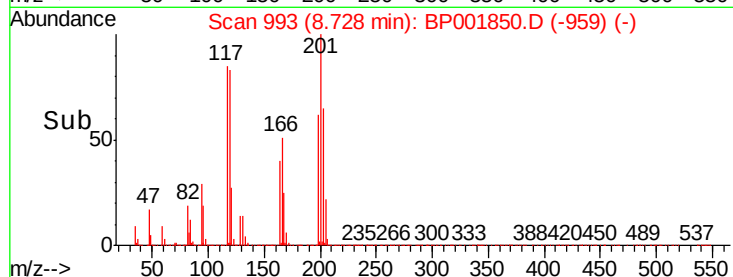
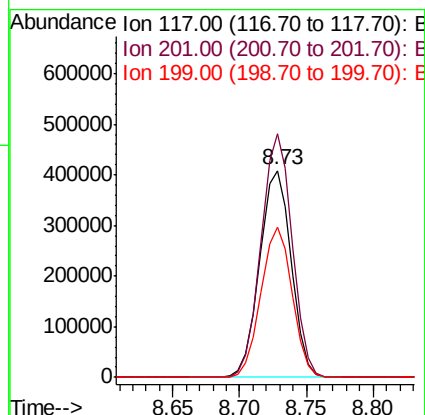
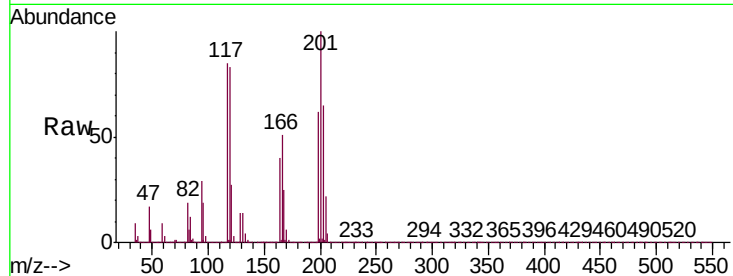




#17
Hexachloroethane
Concen: 65.564 ng/ul
RT: 8.73 min Scan# 993
Delta R.T. -0.00 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

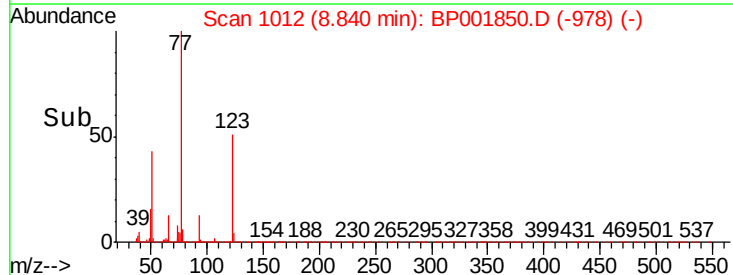
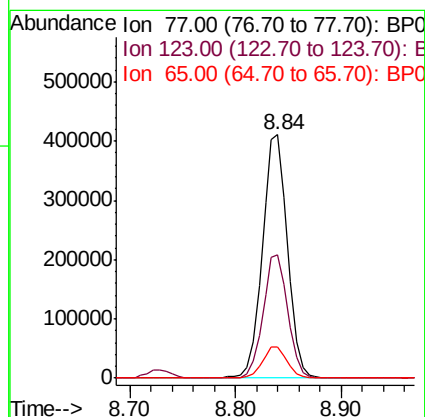
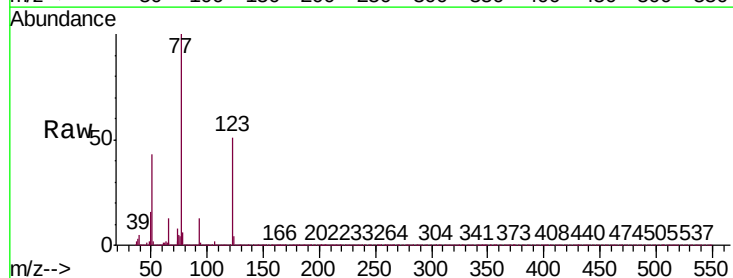
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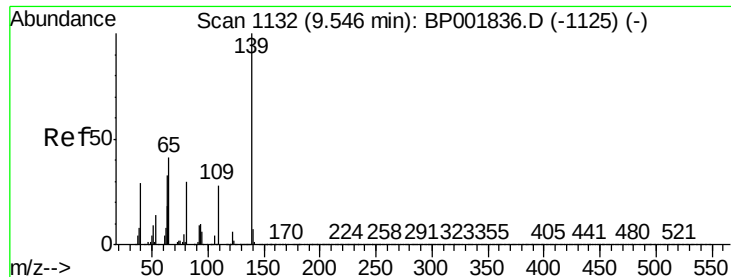
Tgt Ion: 117 Resp: 665995
Ion Ratio Lower Upper
117 100
201 117.7 87.2 130.8
199 72.6 54.4 81.6



#20
Nitrobenzene
Concen: 23.912 ng/ul
RT: 8.84 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

Tgt Ion: 77 Resp: 674235
Ion Ratio Lower Upper
77 100
123 50.6 37.2 55.8
65 12.8 9.5 14.3





#23

2-Nitrophenol

Concen: 59.556 ng/ul

RT: 9.55 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

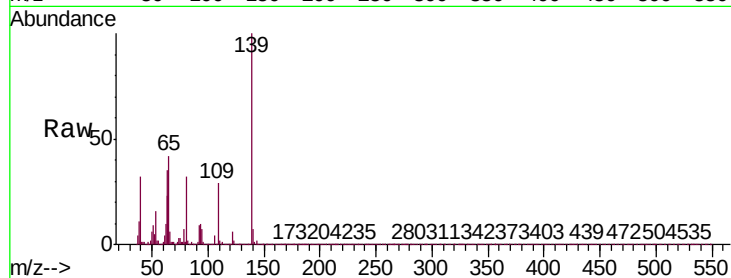
Tgt Ion:139 Resp: 734117

Ion Ratio Lower Upper

139 100

65 42.1 35.0 52.6

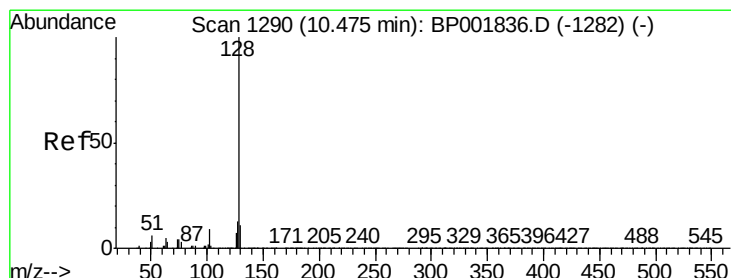
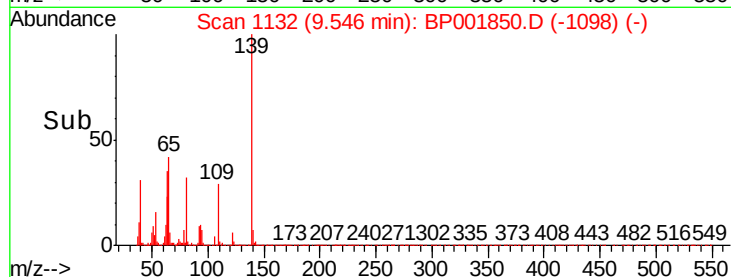
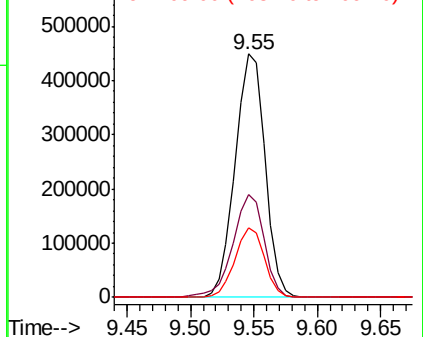
109 28.7 20.8 31.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BPO

Ion 109.00 (108.70 to 109.70): E



#28

Naphthalene

Concen: 46.022 ng/ul

RT: 10.48 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

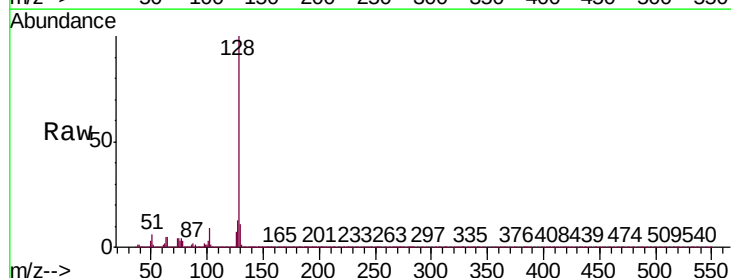
Tgt Ion:128 Resp: 4132592

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

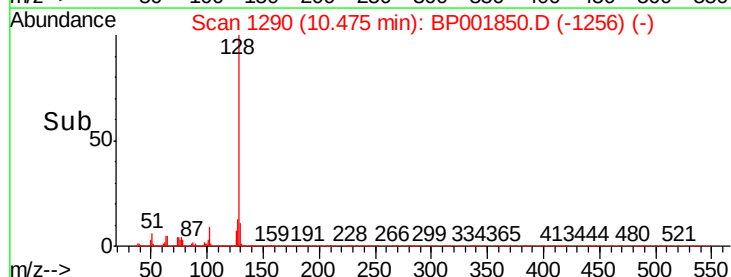
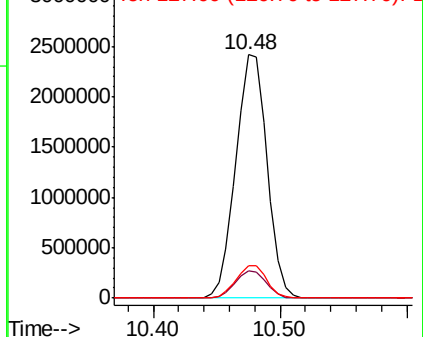
127 13.3 10.2 15.4

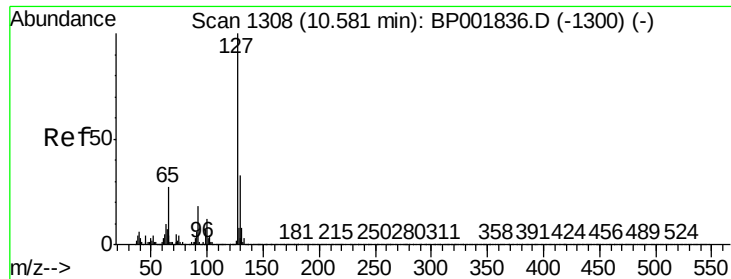


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

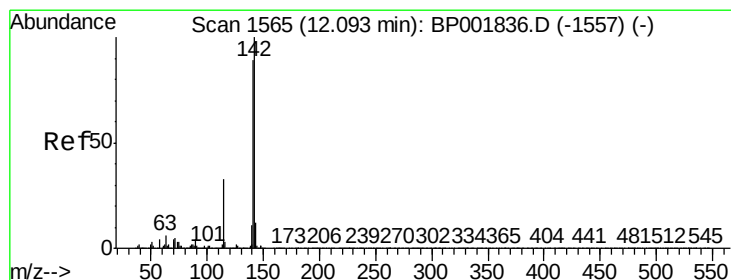
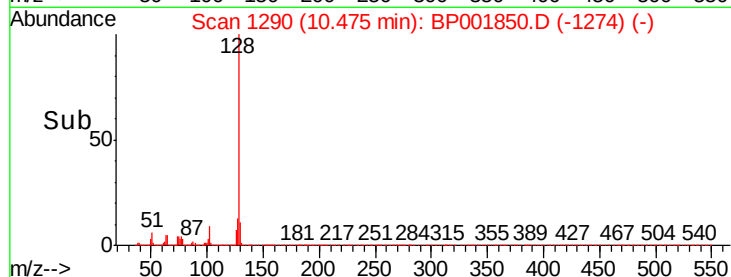
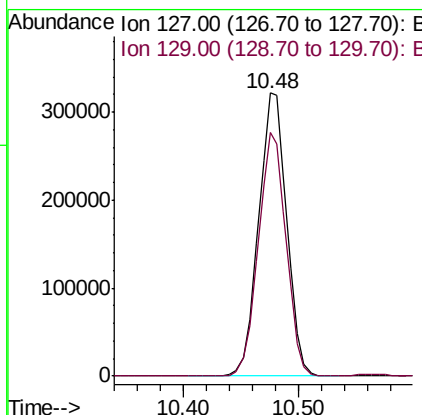
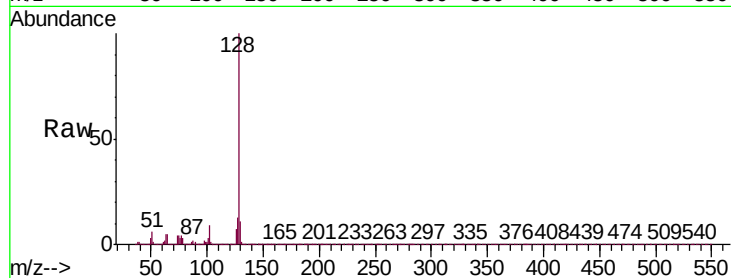




#30
4-Chloroaniline
Concen: 18.668 ng/ul
RT: 10.48 min Scan# 1290
Delta R.T. -0.11 min
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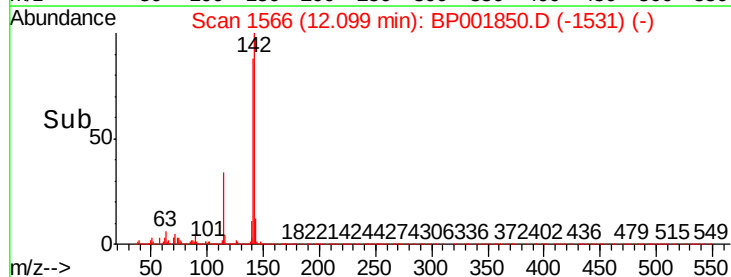
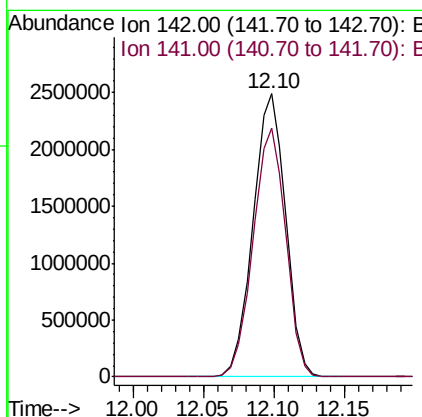
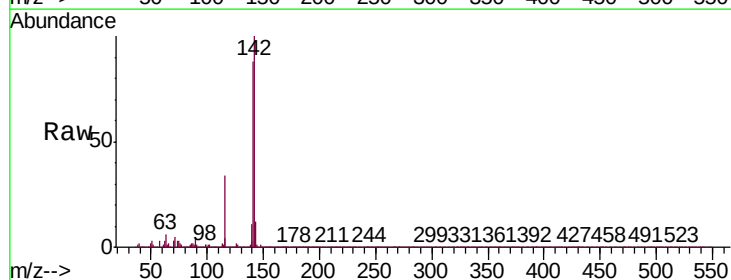
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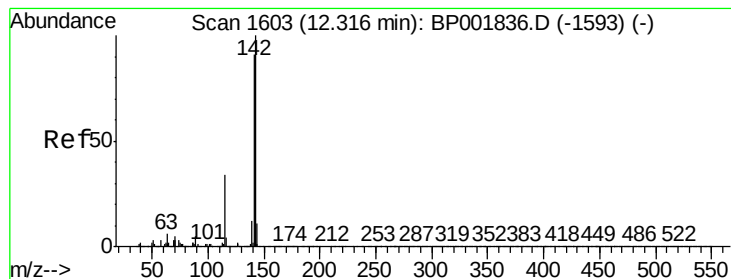
Tgt Ion:127 Resp: 545867
Ion Ratio Lower Upper
127 100
129 86.0 25.8 38.6#



#34
2-Methylnaphthalene
Concen: 65.129 ng/ul
RT: 12.10 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

Tgt Ion:142 Resp: 4031383
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.4





#35

1-Methylnaphthalene

Concen: 34.544 ng/ul

RT: 12.32 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

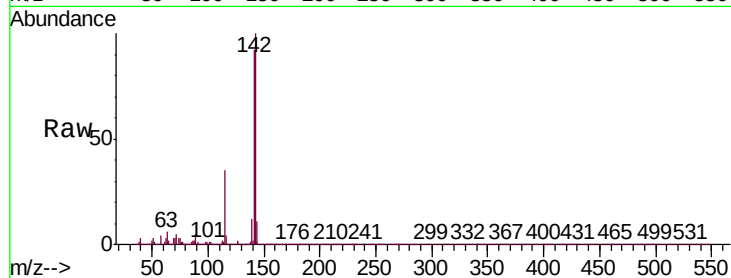
Tgt Ion:142 Resp: 2107282

Ion Ratio Lower Upper

142 100

141 92.1 73.2 109.8

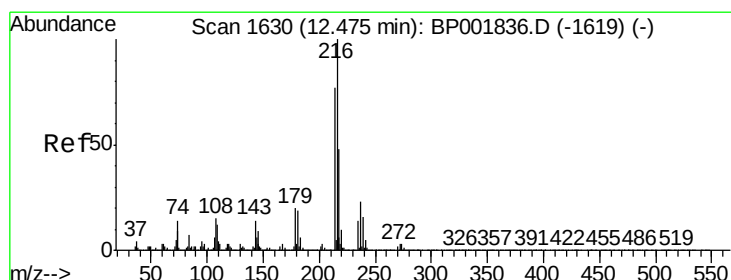
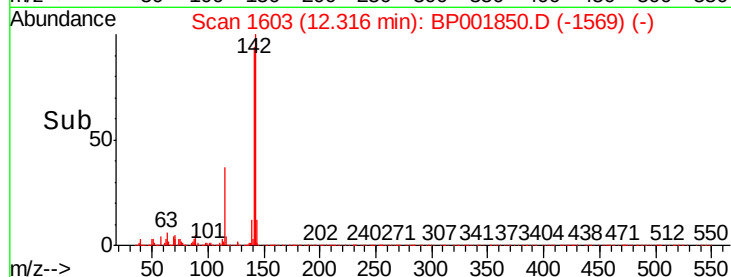
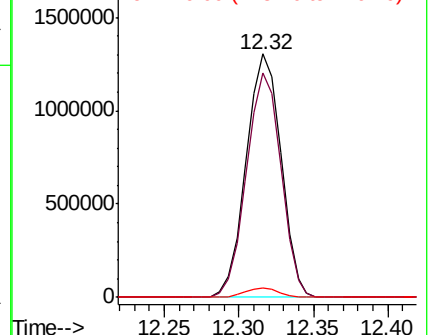
116 3.6 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 24.667 ng/ul

RT: 12.47 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BP001850.D

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Tgt Ion:216 Resp: 859991

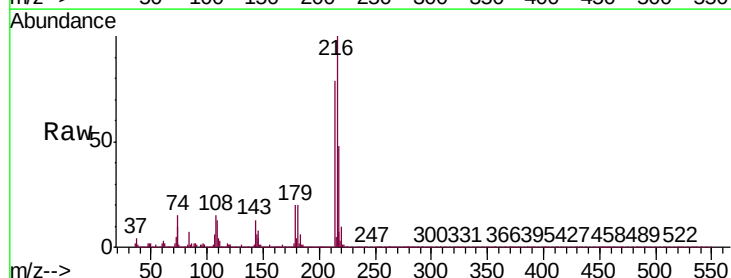
Ion Ratio Lower Upper

216 100

214 79.4 61.8 92.8

179 20.5 16.2 24.2

108 14.9 13.7 20.5

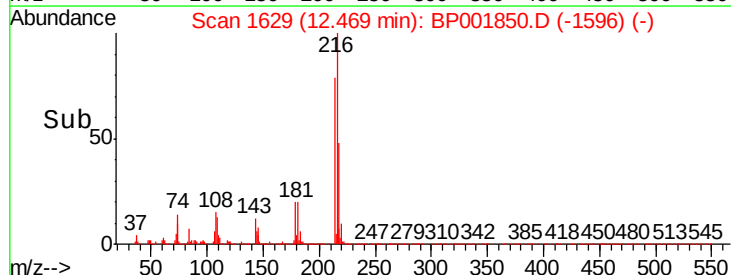
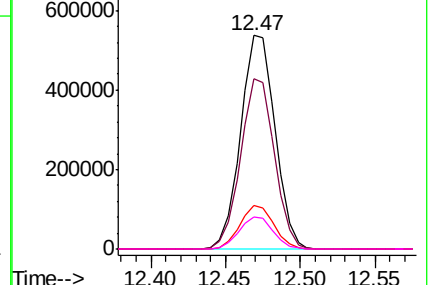


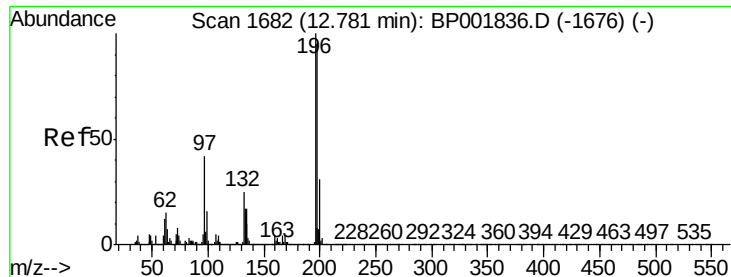
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

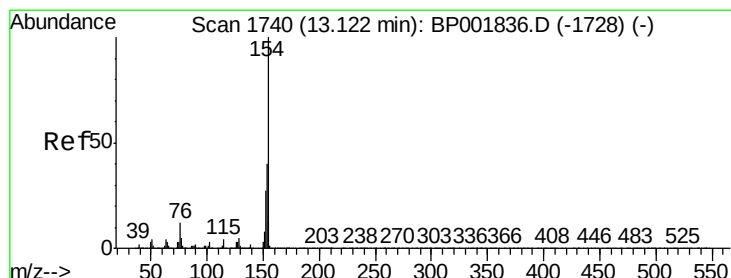
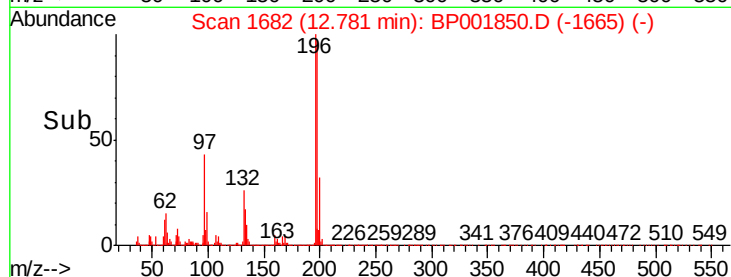
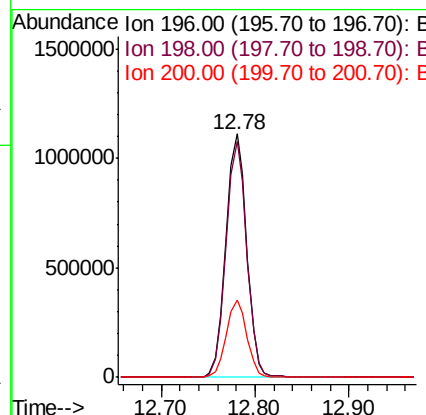
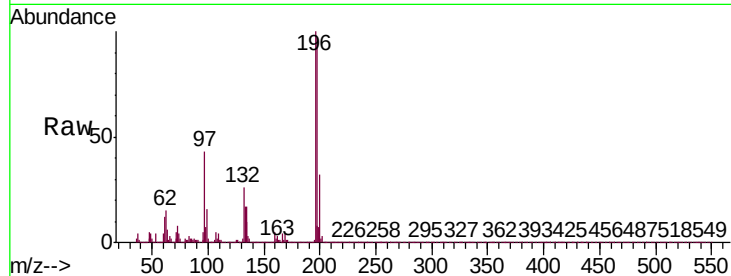




#40
 2,4,5-Trichlorophenol
 Concen: 84.076 ng/ul
 RT: 12.78 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BP001850.D
 Acq: 22 Feb 2020 06:51

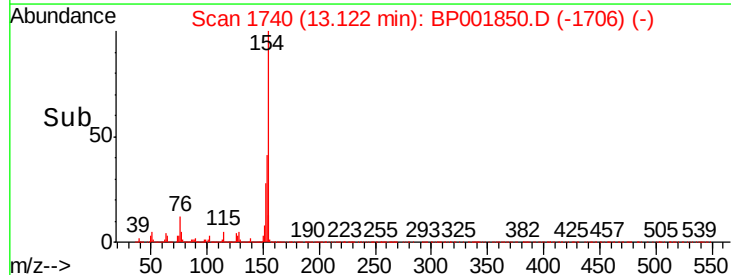
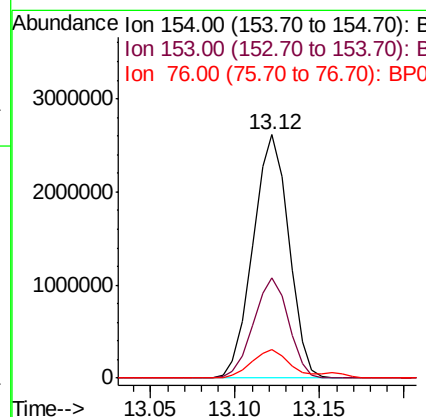
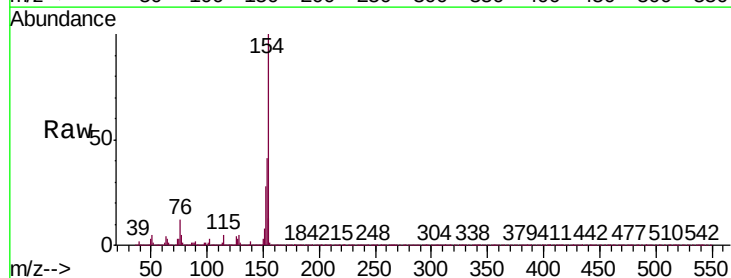
Instrument :
 BNA_P
 ClientSampleId :
 TP-32-33-COMP

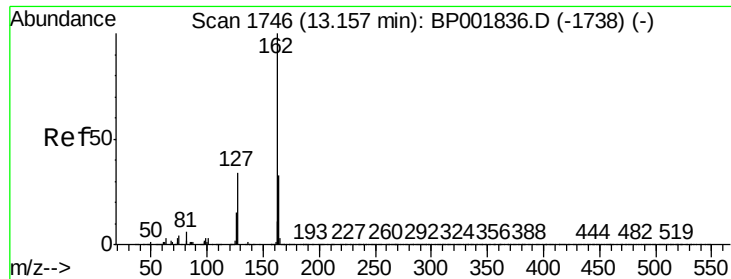
Tgt Ion:196 Resp: 1724907
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.2 115.8
 200 31.7 24.7 37.1



#41
 1,1'-Biphenyl
 Concen: 46.309 ng/ul
 RT: 13.12 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BP001850.D
 Acq: 22 Feb 2020 06:51

Tgt Ion:154 Resp: 3864321
 Ion Ratio Lower Upper
 154 100
 153 41.0 31.5 47.3
 76 11.6 9.4 14.2

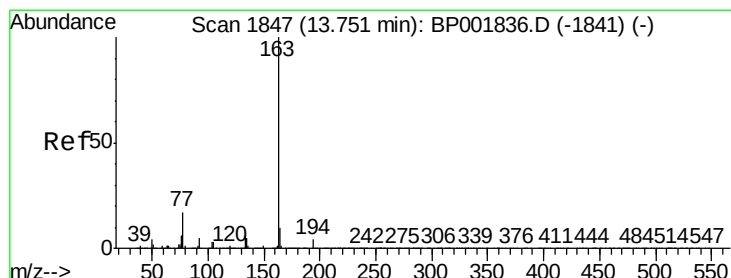
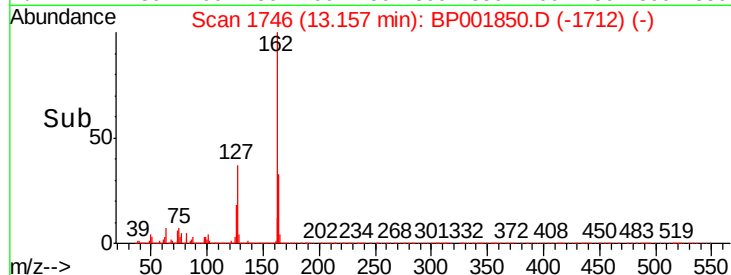
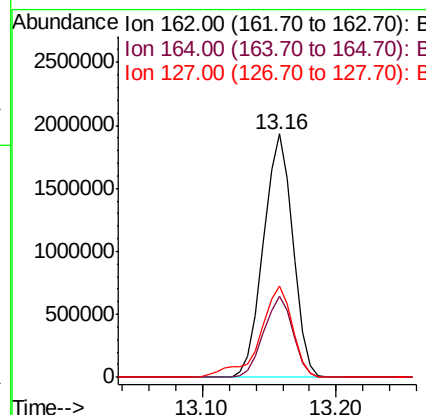
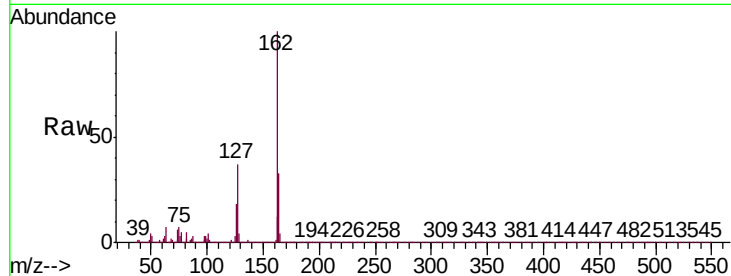




#42
2-Chloronaphthalene
Concen: 44.578 ng/ul
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

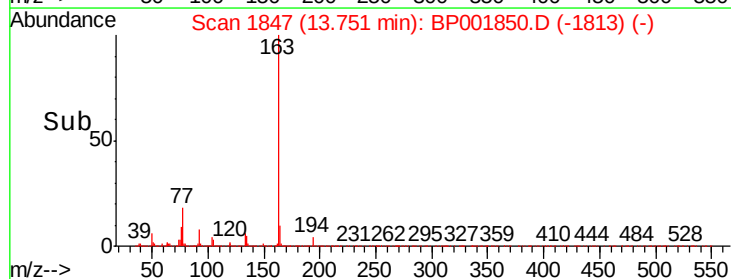
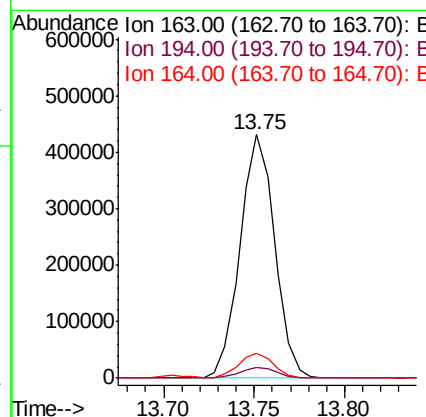
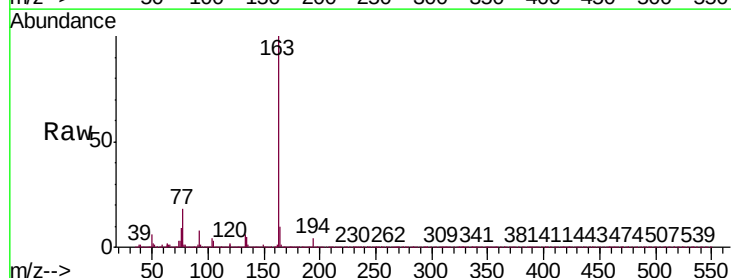
Instrument :
BNA_P
ClientSampleId :
TP-32-33-COMP

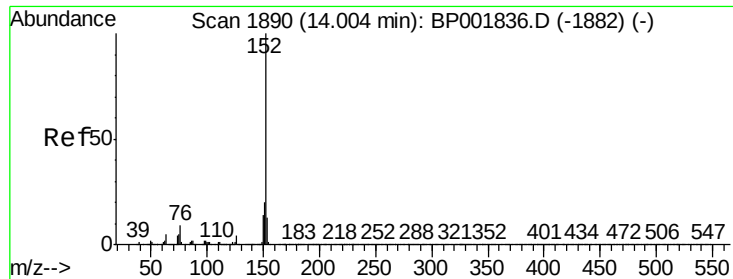
Tgt Ion:162 Resp: 2937065
Ion Ratio Lower Upper
162 100
164 33.3 26.4 39.6
127 37.4 29.7 44.5



#45
Dimethylphthalate
Concen: 7.223 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

Tgt Ion:163 Resp: 571037
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.0 12.0





#48

Acenaphthylene

Concen: 40.498 ng/ul

RT: 14.01 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

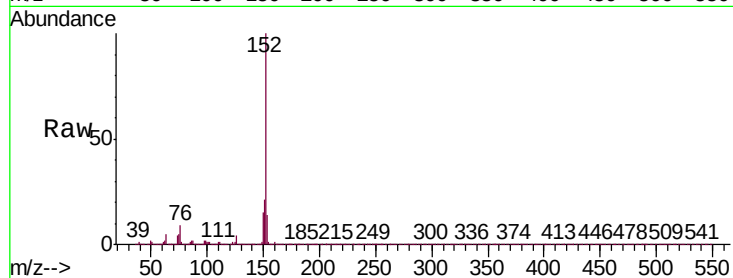
Tgt Ion:152 Resp: 4063602

Ion Ratio Lower Upper

152 100

151 20.6 15.7 23.5

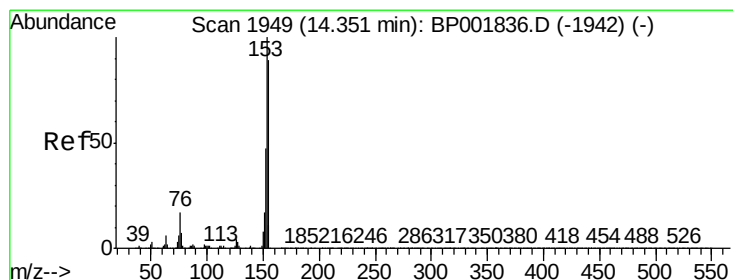
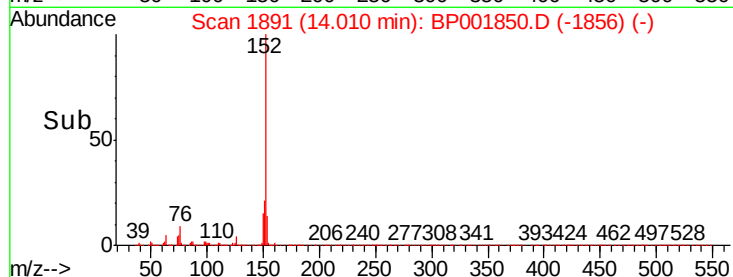
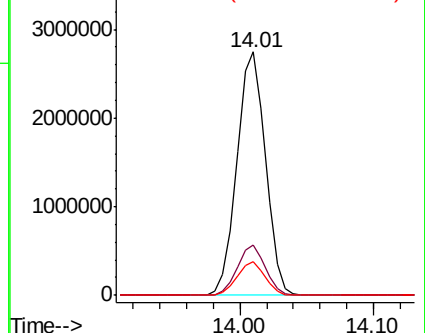
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 36.843 ng/ul

RT: 14.36 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

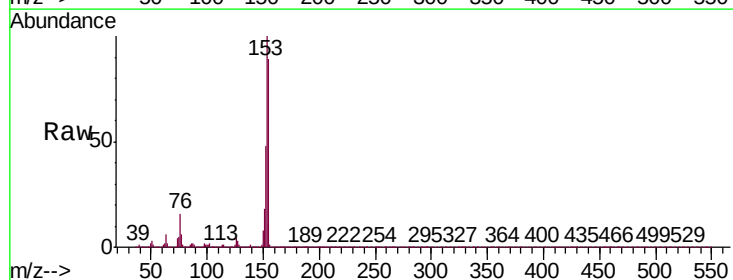
Tgt Ion:153 Resp: 2526117

Ion Ratio Lower Upper

153 100

152 47.5 37.8 56.8

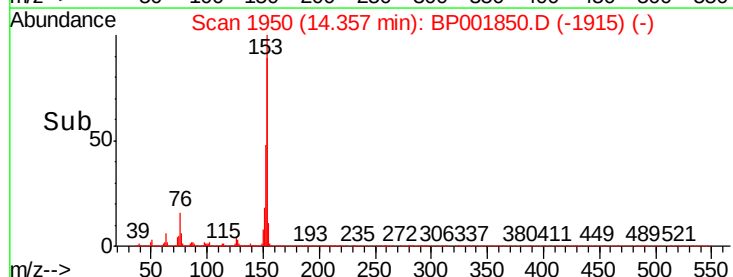
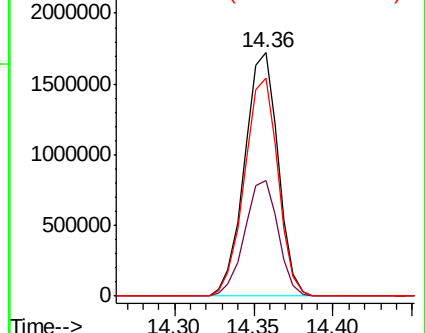
154 89.4 71.9 107.9

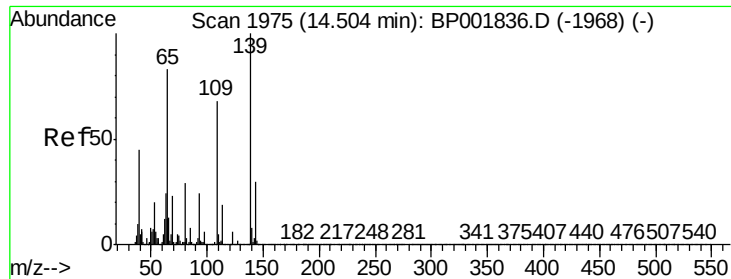


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

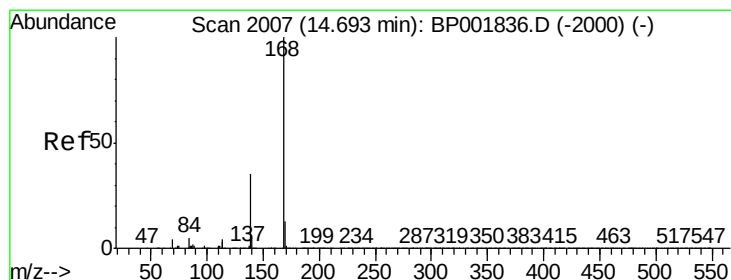
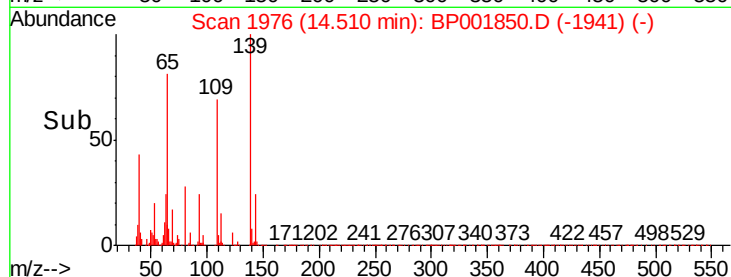
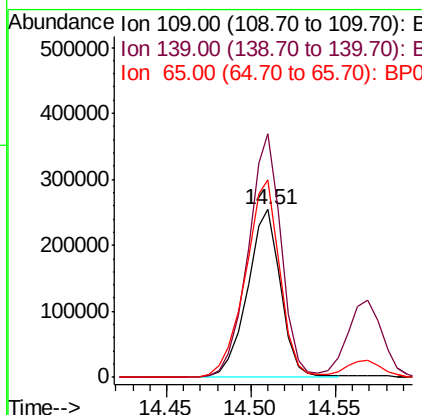
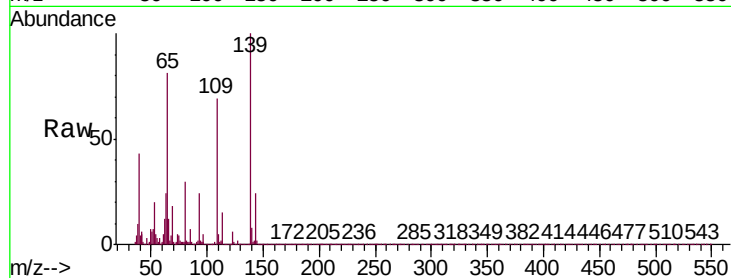




#53
4-Nitrophenol
Concen: 35.993 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

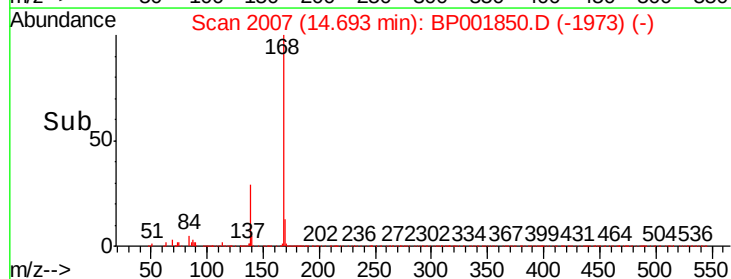
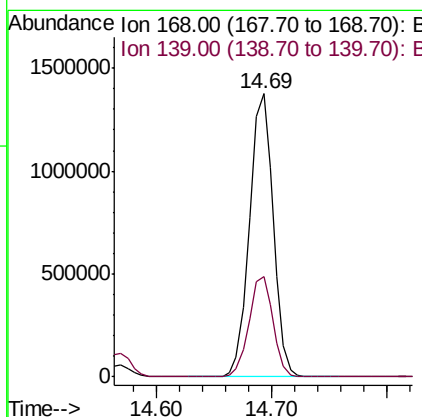
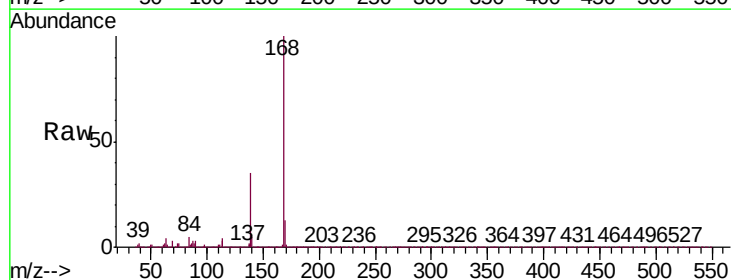
Instrument :
BNA_P
ClientSampleId :
TP-32-33-COMP

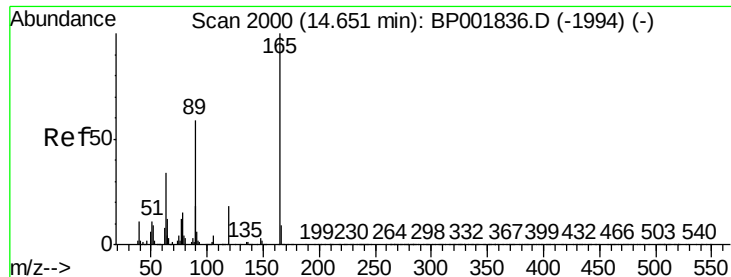
Tgt Ion:109 Resp: 348549
Ion Ratio Lower Upper
109 100
139 145.1 123.1 184.7
65 118.0 105.0 157.6



#54
Dibenzofuran
Concen: 20.376 ng/ul
RT: 14.69 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

Tgt Ion:168 Resp: 1967568
Ion Ratio Lower Upper
168 100
139 35.4 28.6 43.0

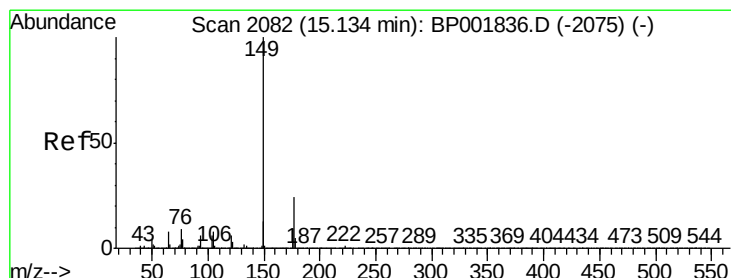
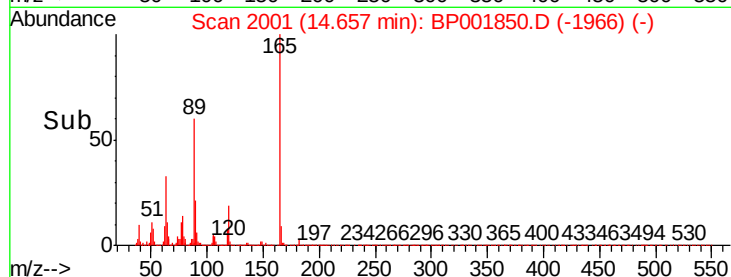
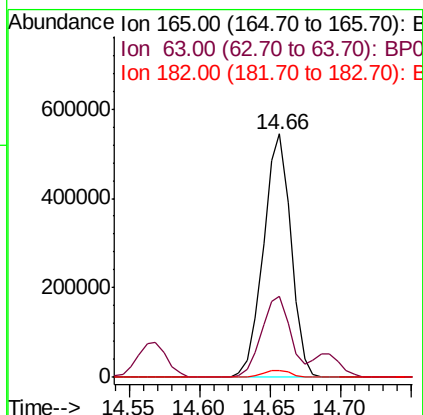
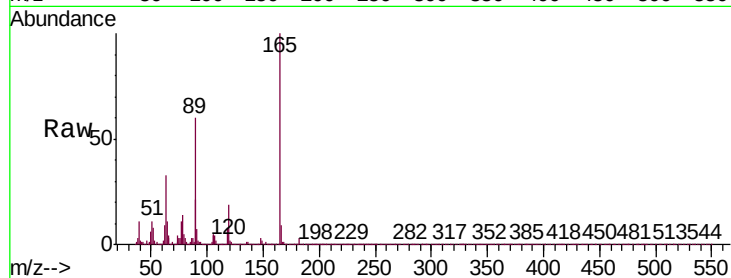




#55
2,4-Dinitrotoluene
Concen: 36.798 ng/ul
RT: 14.66 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

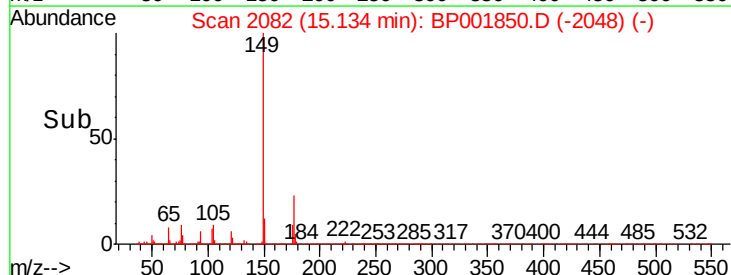
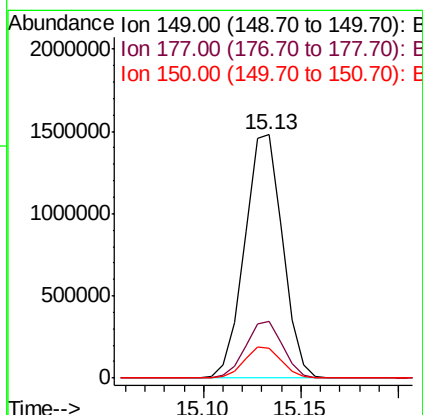
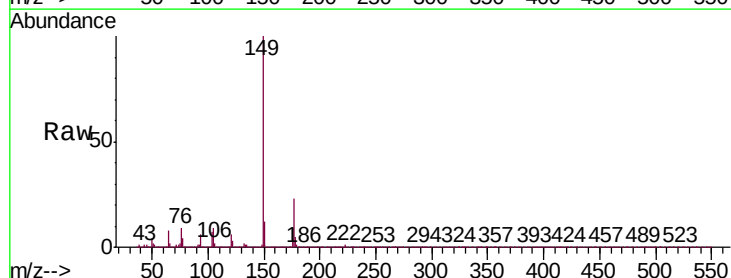
Instrument :
BNA_P
ClientSampleId :
TP-32-33-COMP

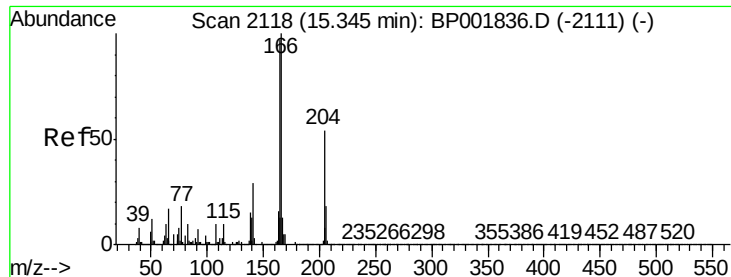
Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.0	31.0	46.6
182	3.0	2.4	3.6



#57
Diethylphthalate
Concen: 26.369 ng/ul
RT: 15.13 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.1	27.1
150	12.4	9.8	14.8





#59

Fluorene

Concen: 43.715 ng/ul

RT: 15.35 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

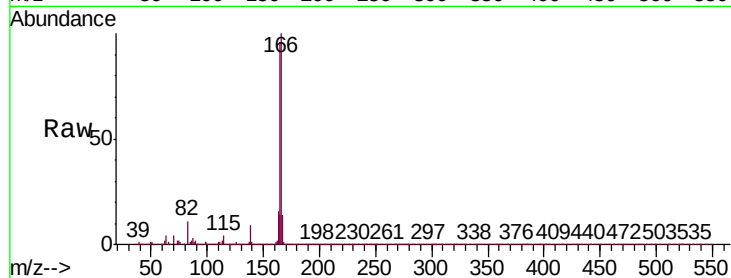
Tgt Ion:166 Resp: 3358104

Ion Ratio Lower Upper

166 100

165 96.2 77.3 115.9

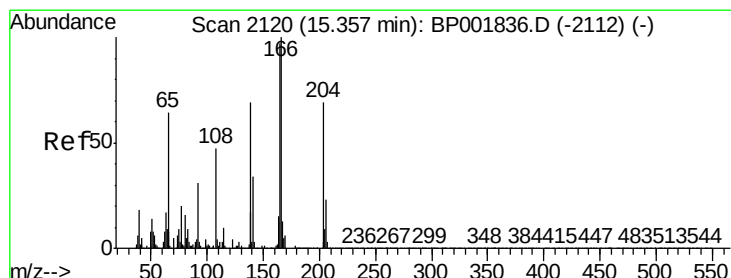
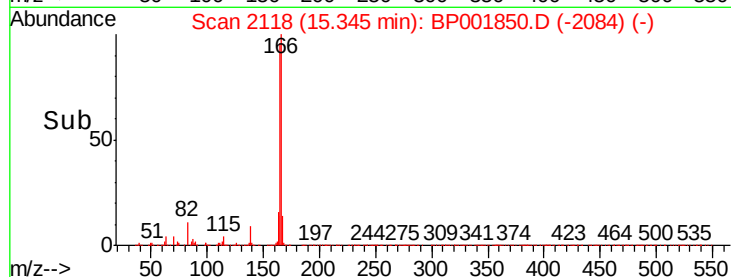
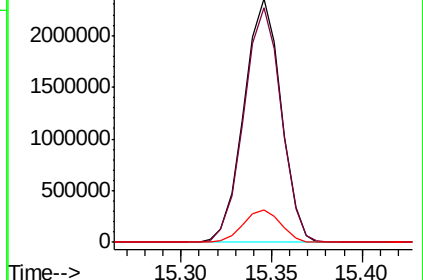
167 13.5 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 2.279 ng/ul

RT: 15.35 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

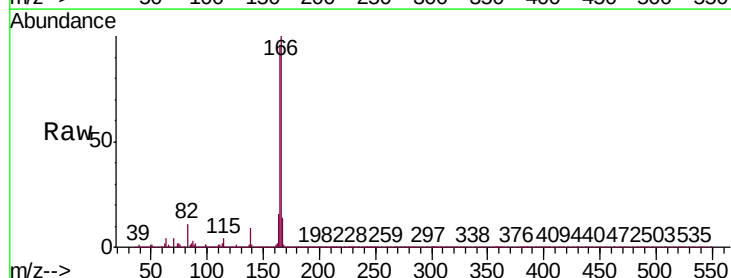
Tgt Ion:138 Resp: 36095

Ion Ratio Lower Upper

138 100

92 1.3 38.4 57.6#

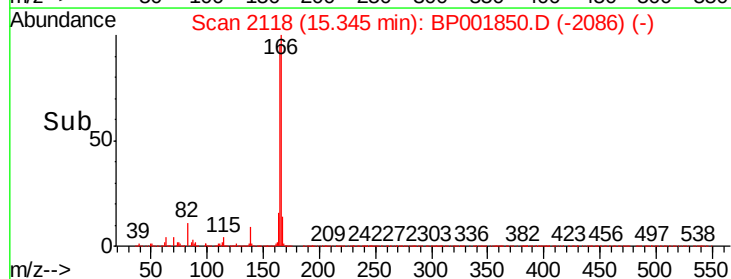
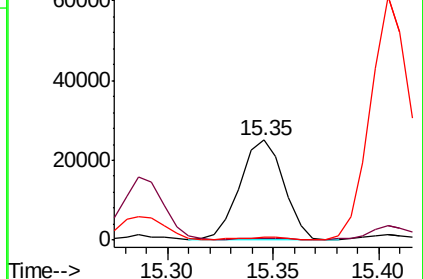
108 3.2 53.8 80.6#

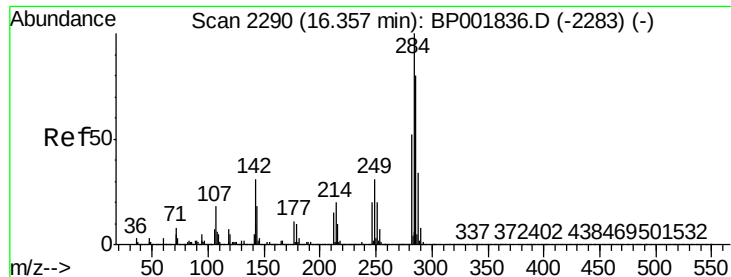


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

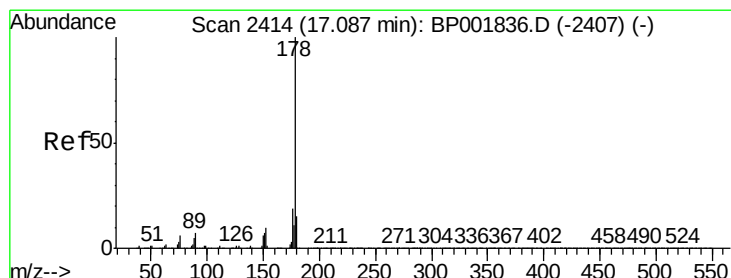
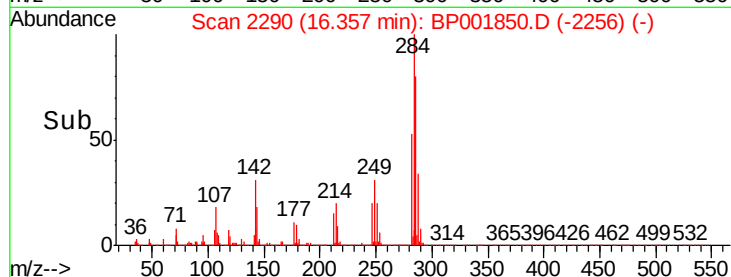
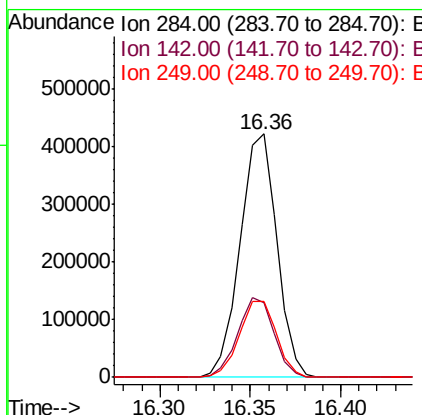
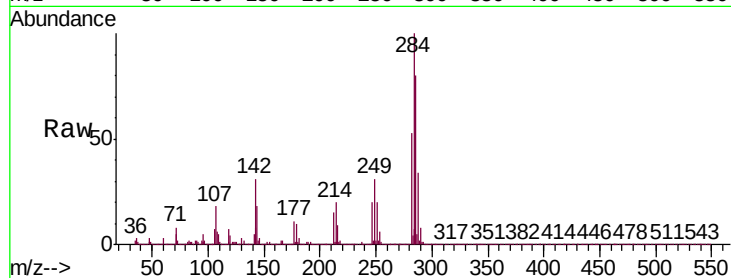




#67
Hexachlorobenzene
Concen: 19.204 ng/ul
RT: 16.36 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

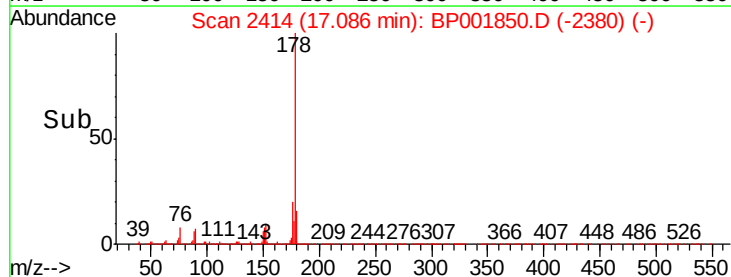
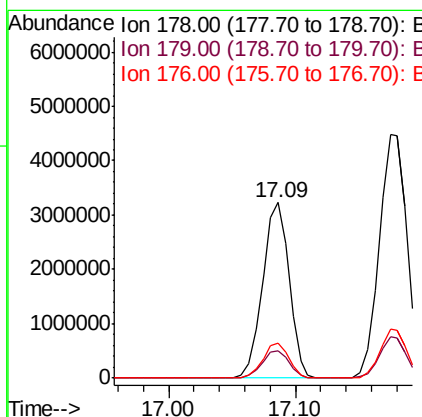
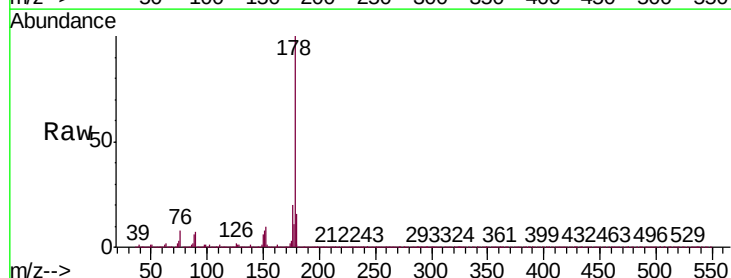
Instrument :
BNA_P
ClientSampleId :
TP-32-33-COMP

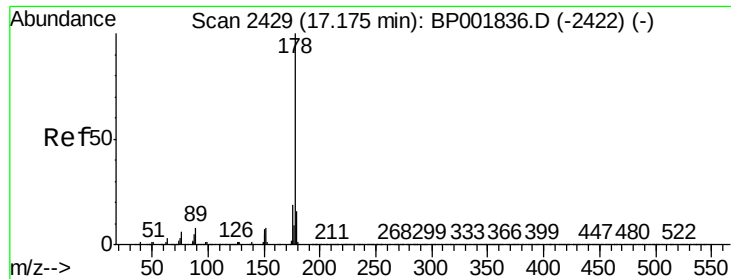
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	26.6	40.0
249	31.2	24.4	36.6



#70
Phenanthrene
Concen: 34.747 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP001850.D
Acq: 22 Feb 2020 06:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.7	15.3	22.9





#72

Anthracene

Concen: 51.048 ng/ul

RT: 17.17 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

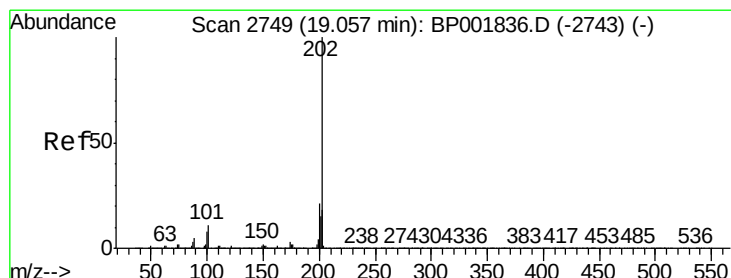
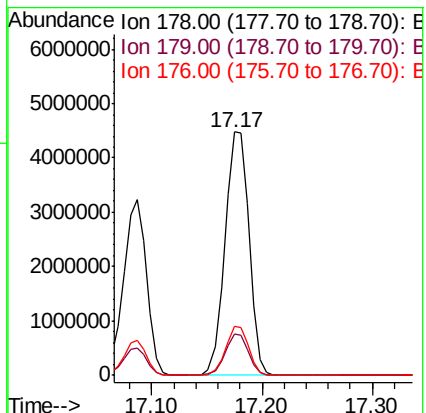
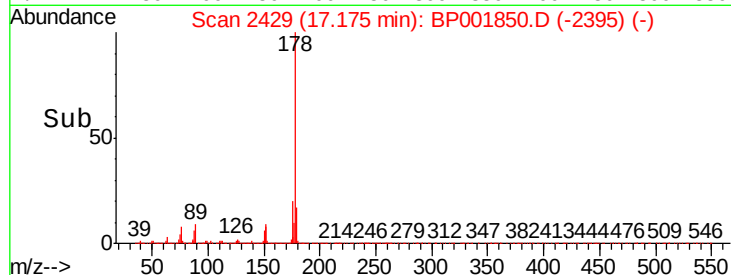
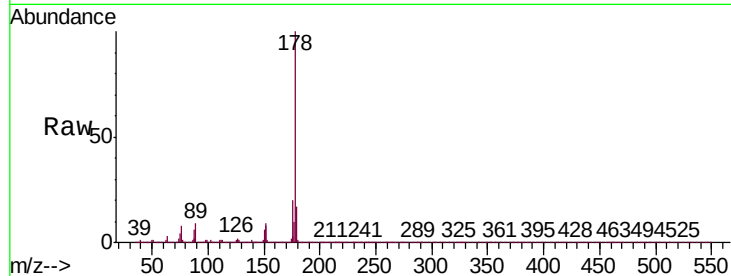
Tgt Ion:178 Resp: 6821758

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

176 20.1 14.8 22.2



#77

Fluoranthene

Concen: 37.525 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

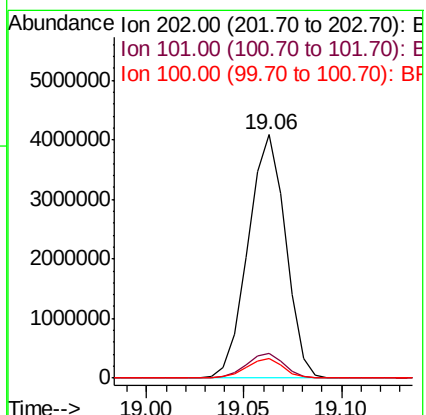
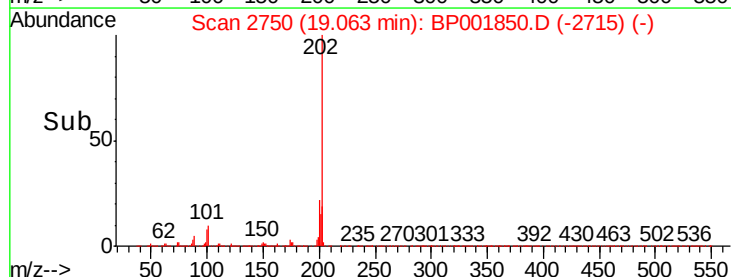
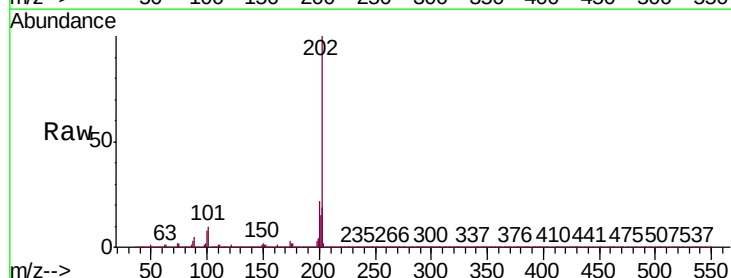
Tgt Ion:202 Resp: 5436278

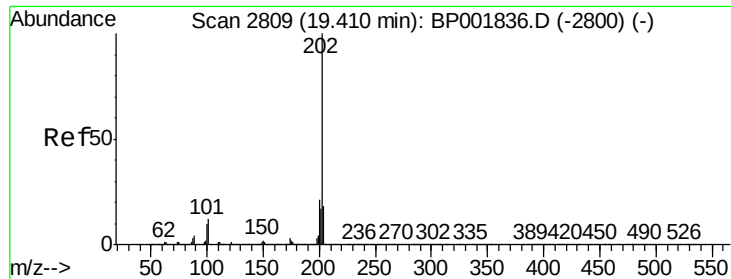
Ion Ratio Lower Upper

202 100

101 10.4 9.1 13.7

100 7.8 6.6 9.8

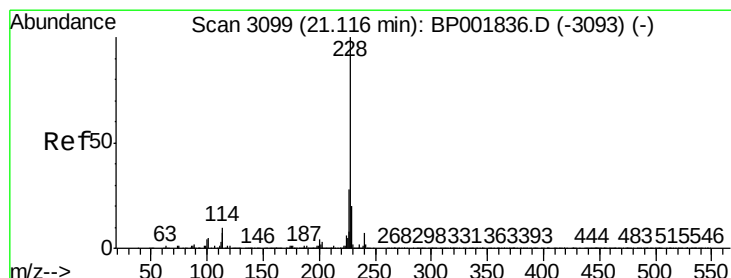
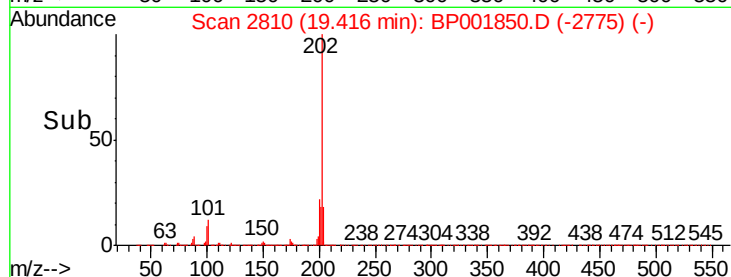
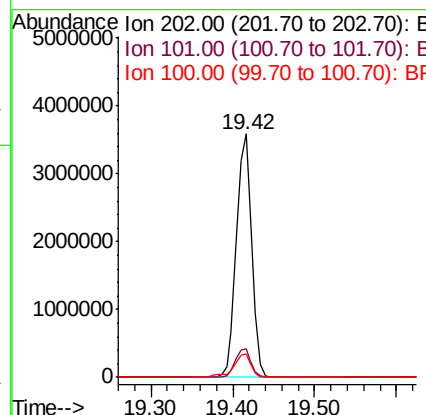
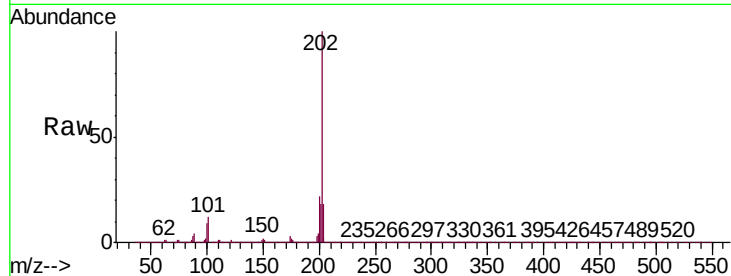




#80
 Pyrene
 Concen: 29.335 ng/ul
 RT: 19.42 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BP001850.D
 Acq: 22 Feb 2020 06:51

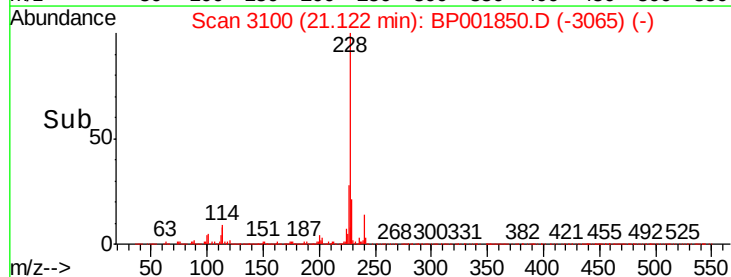
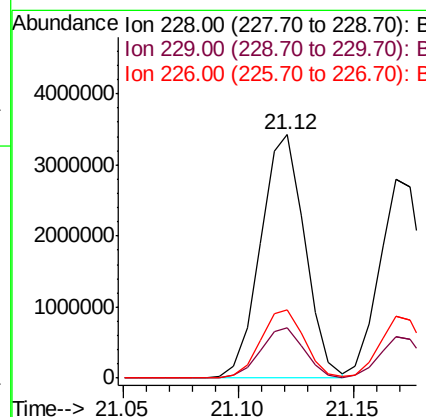
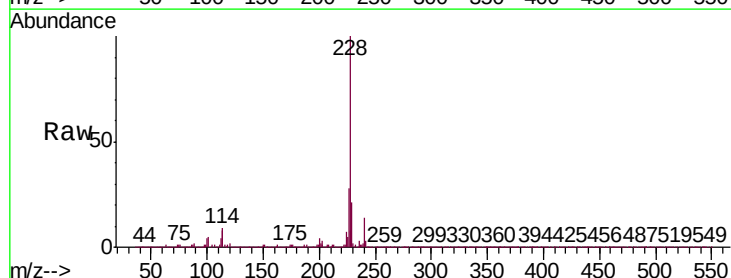
Instrument :
 BNA_P
 ClientSampleId :
 TP-32-33-COMP

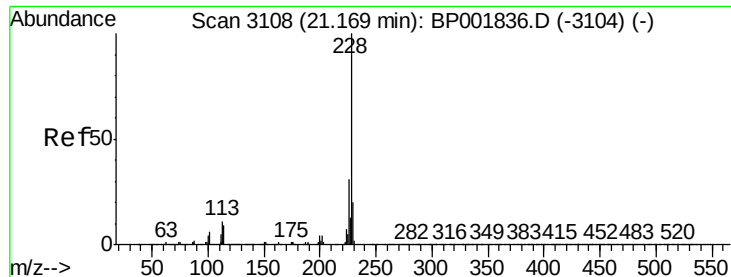
Tgt Ion:202 Resp: 4714308
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.2 15.2
 100 9.5 8.2 12.2



#83
 Benzo(a)anthracene
 Concen: 29.305 ng/ul
 RT: 21.12 min Scan# 3100
 Delta R.T. 0.01 min
 Lab File: BP001850.D
 Acq: 22 Feb 2020 06:51

Tgt Ion:228 Resp: 4559388
 Ion Ratio Lower Upper
 228 100
 229 20.7 16.2 24.4
 226 28.2 22.0 33.0





#85

Chrysene

Concen: 24.043 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

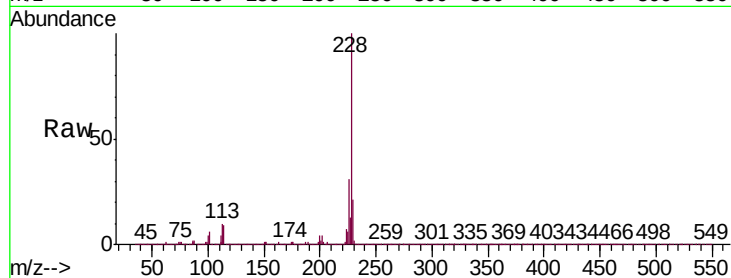
Tgt Ion:228 Resp: 3654504

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

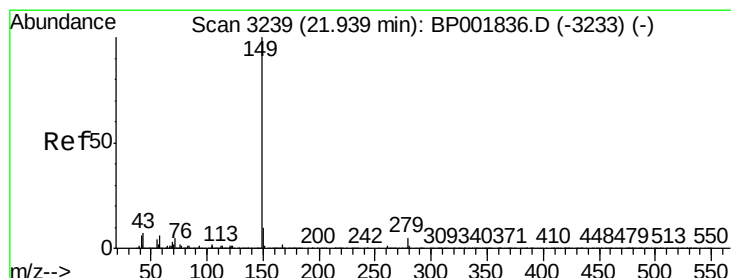
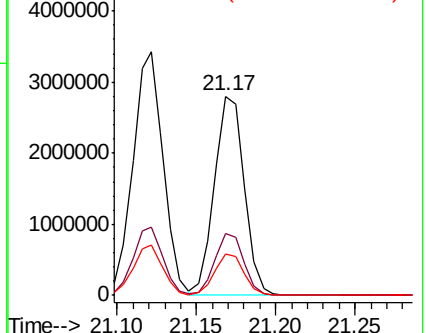
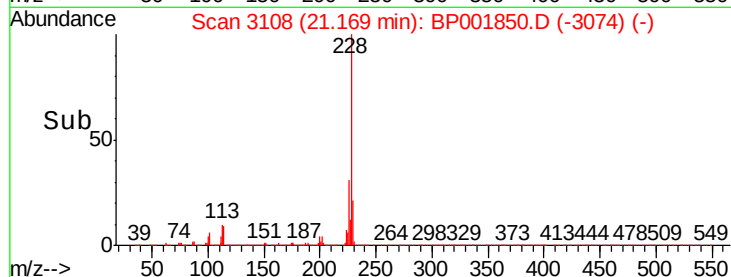
229 20.5 15.7 23.5



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



#87

Di-n-octyl phthalate

Concen: 33.606 ng/ul

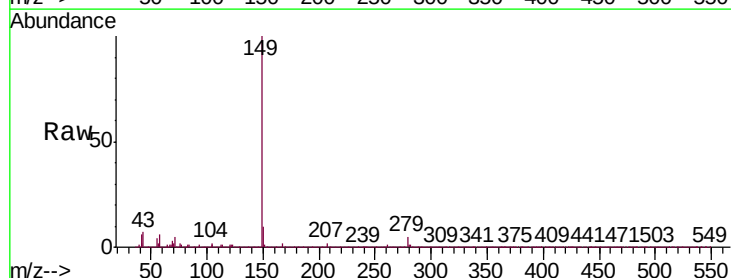
RT: 21.95 min Scan# 3240

Delta R.T. 0.01 min

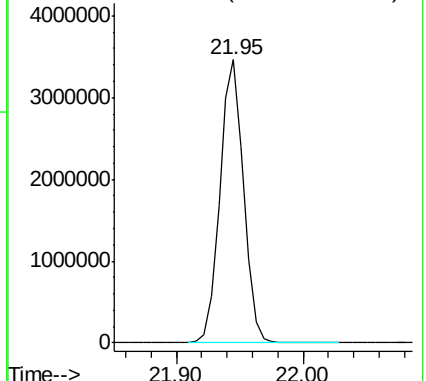
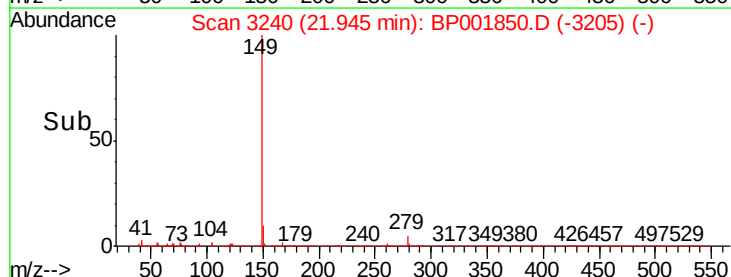
Lab File: BP001850.D

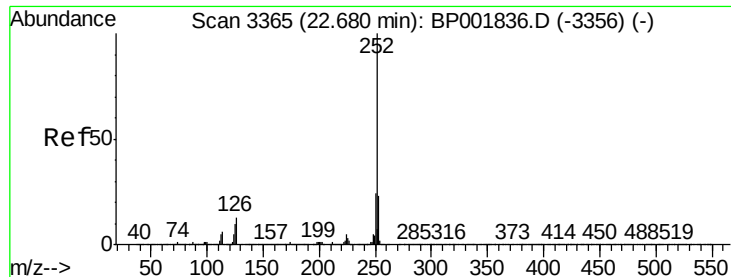
Acq: 22 Feb 2020 06:51

Tgt Ion:149 Resp: 4444020



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 48.817 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

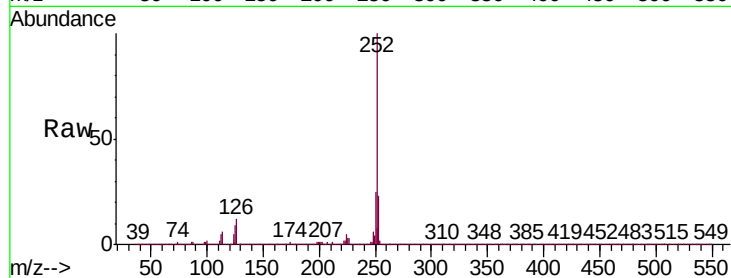
Tgt Ion:252 Resp: 7584627

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

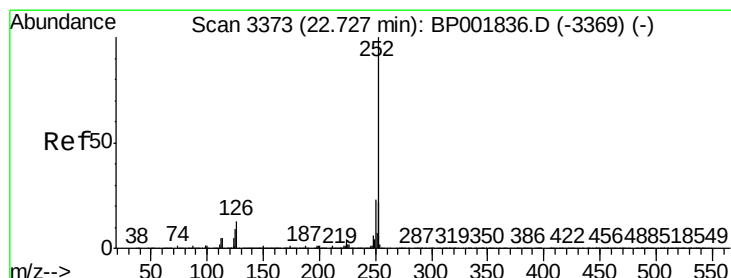
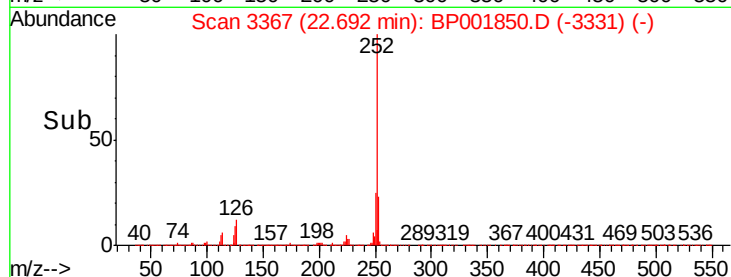
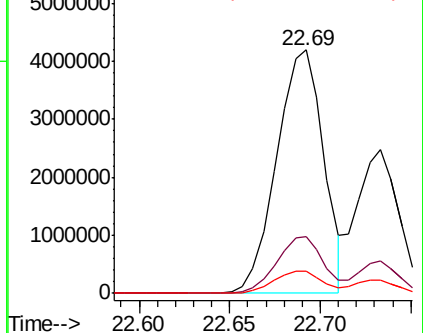
125 9.1 7.8 11.6



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: 24.469 ng/ul

RT: 22.73 min Scan# 3374

Delta R.T. 0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

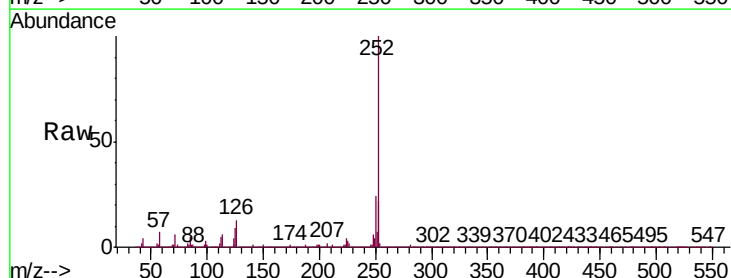
Tgt Ion:252 Resp: 3940707

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

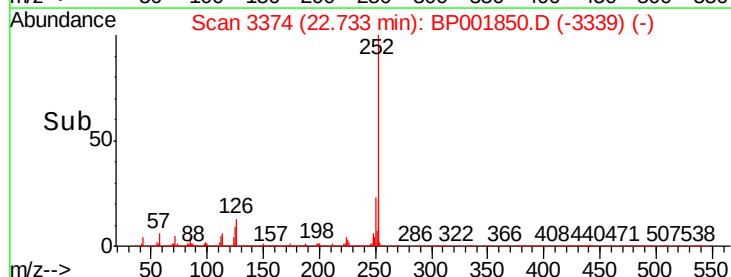
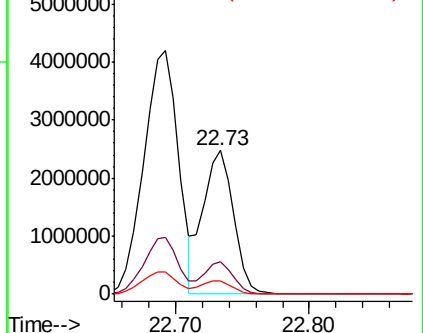
125 8.9 8.0 12.0

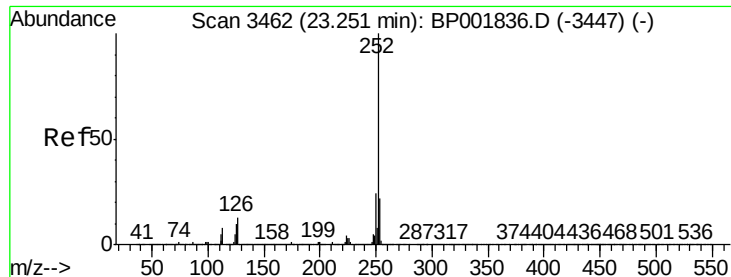


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 29.153 ng/ul

RT: 23.26 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

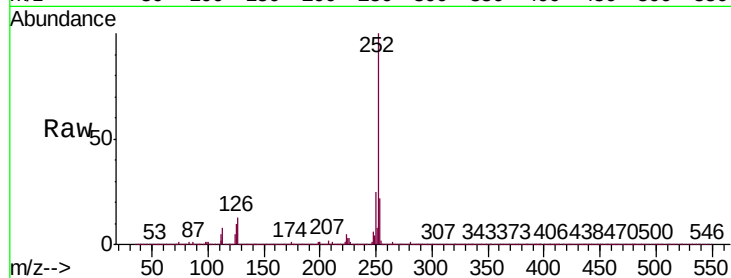
Tgt Ion:252 Resp: 4244894

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

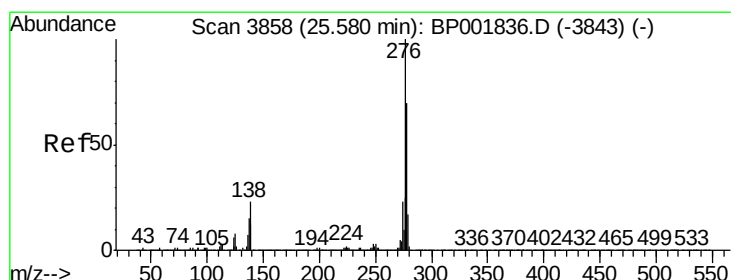
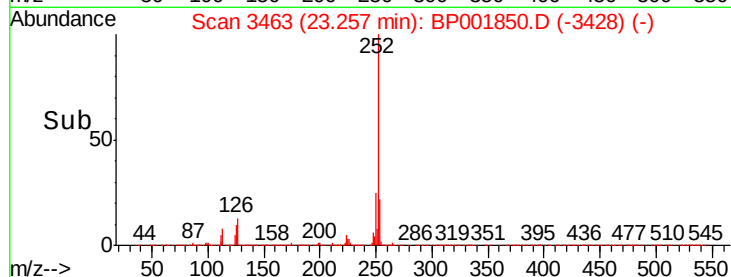
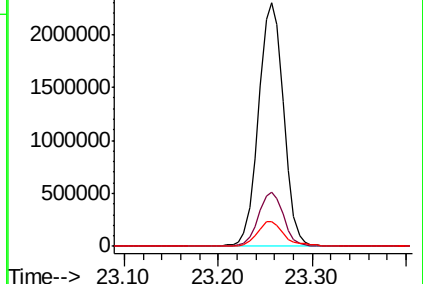
125 10.0 8.3 12.5



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: 27.005 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. 0.01 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

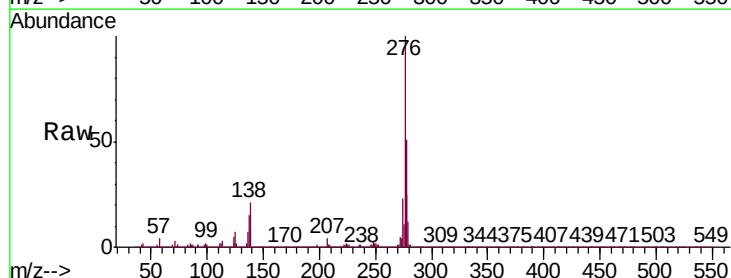
Tgt Ion:276 Resp: 4911857

Ion Ratio Lower Upper

276 100

138 21.4 19.3 28.9

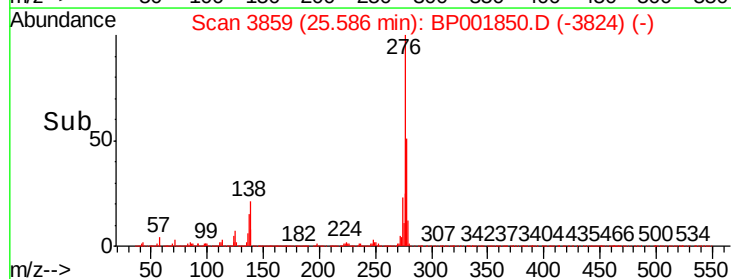
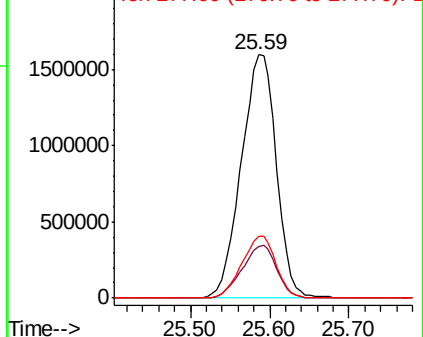
277 25.2 20.0 30.0

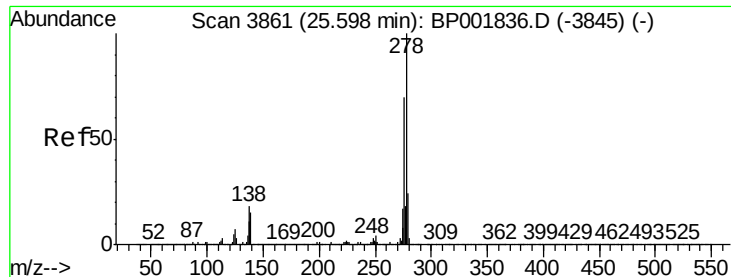


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 18.381 ng/ul

RT: 25.60 min Scan# 3861

Delta R.T. -0.00 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Instrument :

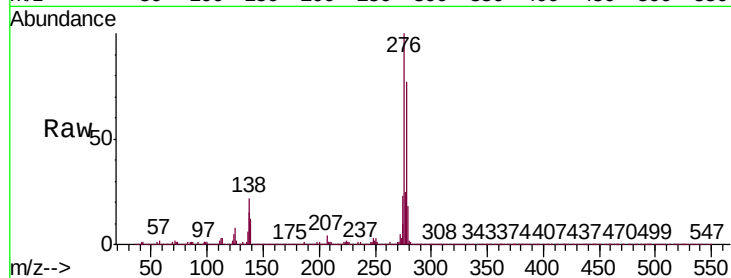
BNA_P

ClientSampleId :

TP-32-33-COMP

Tgt Ion:278 Resp: 2807961

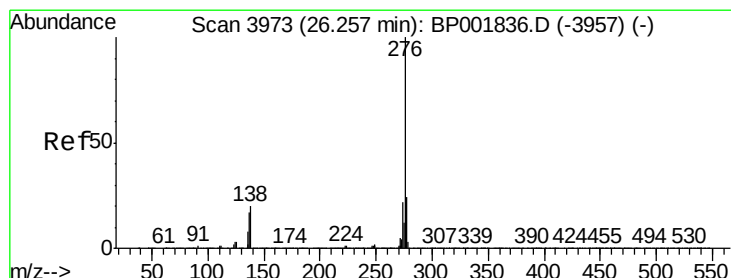
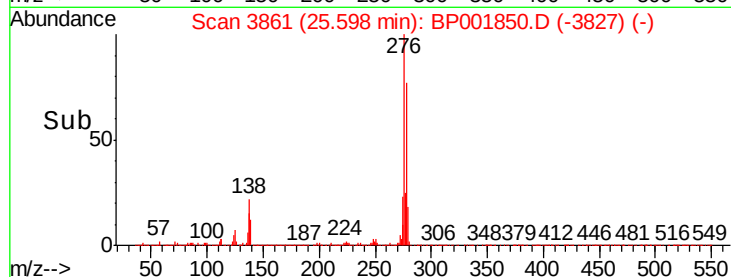
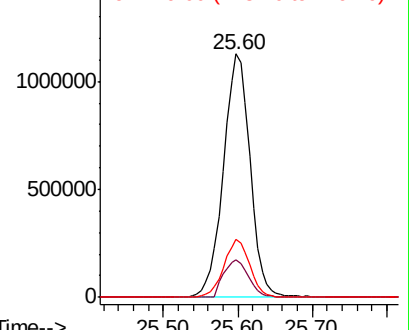
Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.3	19.9
279	23.6	19.3	28.9



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: 41.222 ng/ul

RT: 26.27 min Scan# 3976

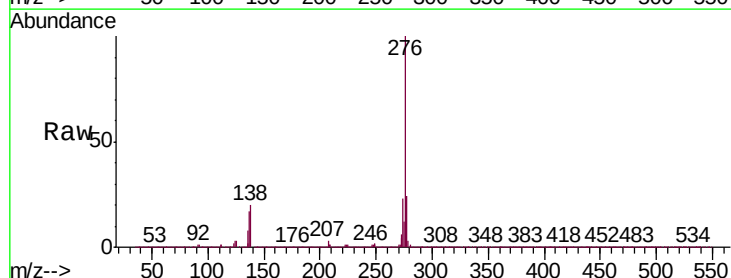
Delta R.T. 0.02 min

Lab File: BP001850.D

Acq: 22 Feb 2020 06:51

Tgt Ion:276 Resp: 6373695

Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.7	26.5
277	24.4	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

