

Data File : BP001815.D
Acq On : 20 Feb 2020 22:22
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AT7

Quant Time: Feb 21 07:16:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	378981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1384166	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.33	164	459269	20.00	ng/ul	0.04
62) Phenanthrene-d10	17.09	188	889408	20.00	ng/ul	0.05
78) Chrysene-d12	21.22	240	12061	20.00	ng/ul	0.08
86) Perylene-d12	23.39	264	1292303	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	21517	2.36	ng/uL	0.00
5) Phenol-d5	6.84	99	462050	16.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	314833	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	411549	17.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	342053	15.06	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	181256	19.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	191522	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	364148	18.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	93659	3.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	646084	20.05	ng/ul	0.02
47) Acenaphthylene-d8	14.00	160	774928	19.53	ng/ul	0.02
52) 4-Nitrophenol-d4	14.53	143	5563	0.99	ng/ul	0.04
58) Fluorene-d10	15.32	176	528207	18.22	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.43	200	81137	23.14	ng/ul	0.03
71) Anthracene-d10	17.19	188	795713	20.31	ng/ul	0.04
79) Pyrene-d10	19.42	212	952367	1538.72	ng/ul	0.04
90) Benzo(a)pyrene-d12	23.24	264	1419379	22.74	ng/ul	0.03

Target Compounds

					Qvalue	
4) Benzaldehyde	6.82	77	40974	2.338	ng/ul#	26
14) Acetophenone	8.48	105	57062	1.626	ng/ul#	40
15) N-Nitroso-di-n-propylamine	8.44	70	90964	5.590	ng/ul#	65
20) Nitrobenzene	8.86	77	26635	1.147	ng/ul#	1
21) Isophorone	9.38	82	318025	7.450	ng/ul#	1
23) 2-Nitrophenol	9.60	139	69774	6.872	ng/ul#	1
24) 2,4-Dimethylphenol	9.66	107	889282	38.997	ng/ul#	29
27) 2,4-Dichlorophenol	10.09	162	31068	1.502	ng/ul#	27
32) Caprolactam	11.31	113	8733	1.398	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.75	107	224447	11.398	ng/ul#	19
39) 2,4,6-Trichlorophenol	12.75	196	11960	1.496	ng/ul#	20
40) 2,4,5-Trichlorophenol	12.80	196	20134	2.287	ng/ul#	14
43) 2-Nitroaniline	13.35	65	8677	1.529	ng/ul#	85
45) Dimethylphthalate	13.80	163	89702	2.644	ng/ul#	20
46) 2,6-Dinitrotoluene	13.89	165	155429	26.292	ng/ul#	18
48) Acenaphthylene	14.03	152	157226	3.652	ng/ul#	1
49) 3-Nitroaniline	14.25	138	228126	37.903	ng/ul#	27
50) Acenaphthene	14.39	153	56225	1.911	ng/ul#	55
51) 2,4-Dinitrophenol	14.44	184	3437	1.401	ng/ul#	1
53) 4-Nitrophenol	14.57	109	274736	66.121	ng/ul#	1
54) Dibenzofuran	14.72	168	140965	3.402	ng/ul#	15
55) 2,4-Dinitrotoluene	14.67	165	26763	3.075	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	14.95	232	519301	72.990	ng/ul#	61

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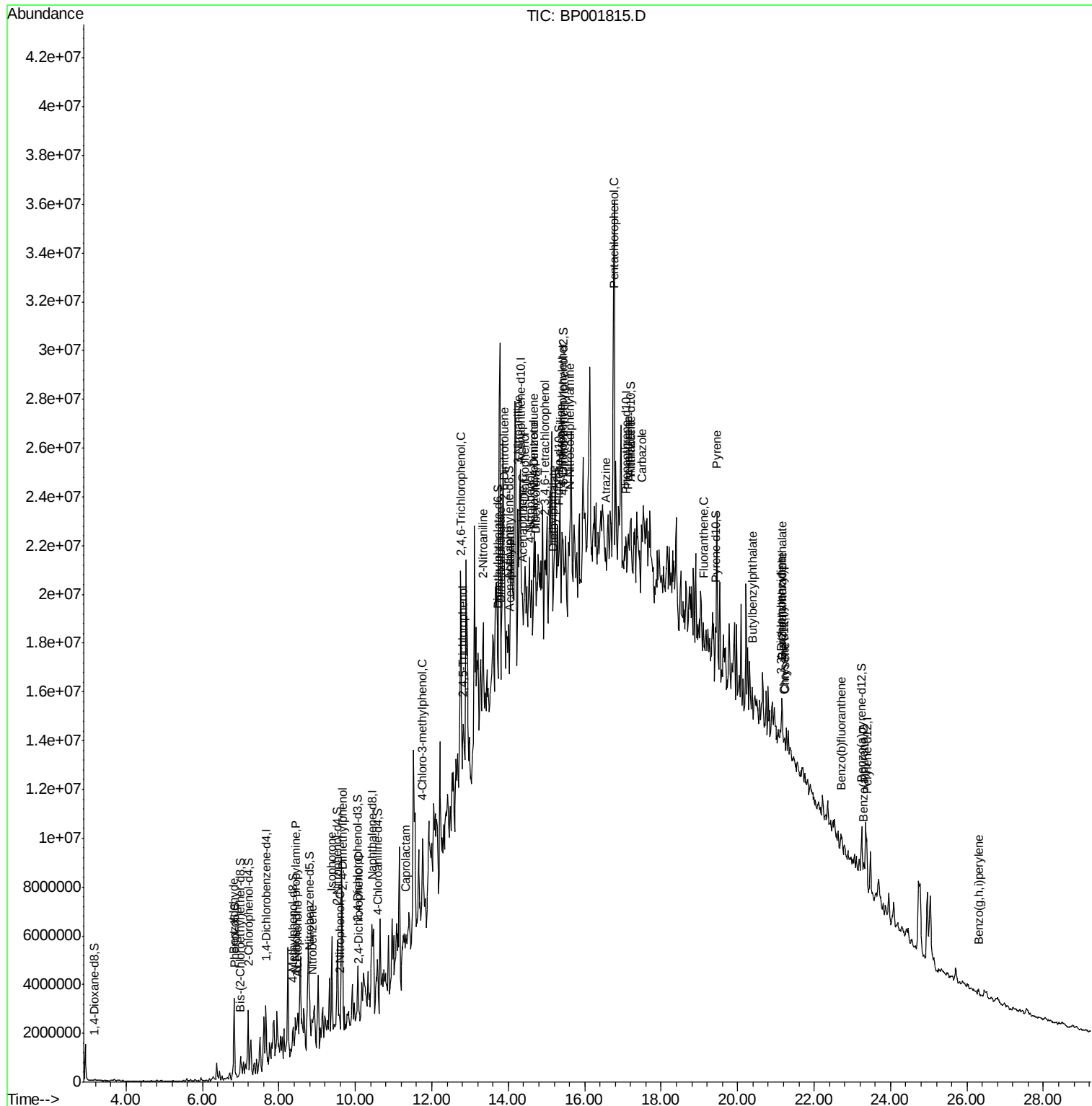
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) Diethylphthalate	15.17	149	55871	1.723	ng/ul#	1
60) 4-Chlorophenyl-phenylether	15.41	204	82351	4.814	ng/ul#	1
61) 4-Nitroaniline	15.36	138	33507	4.931	ng/ul#	23
65) N-Nitrosodiphenylamine	15.61	169	446963	17.528	ng/ul#	48
68) Atrazine	16.55	200	16201	1.762	ng/ul#	1
69) Pentachlorophenol	16.77	266	10567051	1937.383	ng/ul	97
70) Phenanthrene	17.13	178	297322	6.062	ng/ul#	1
72) Anthracene	17.22	178	210839	4.352	ng/ul#	21
74) Pentachlorobenzene	14.65	250	20077	1.413	ng/uL	94
75) Carbazole	17.48	167	607245	15.029	ng/ul#	69
77) Fluoranthene	19.10	202	371655	7.076	ng/ul#	90
80) Pyrene	19.45	202	4914404	5990.314	ng/ul#	90
81) Butylbenzylphthalate	20.37	149	497	1.951	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.14	252	1162	4.455	ng/ul#	67
83) Benzo(a)anthracene	21.17	228	549469	691.807	ng/ul#	51
84) Bis(2-ethylhexyl)phthalate	21.17	149	2646	6.270	ng/ul#	1
85) Chrysene	21.23	228	15950	20.556	ng/ul#	1
88) Benzo(b)fluoranthene	22.72	252	364291	4.791	ng/ul#	63
91) Benzo(a)pyrene	23.29	252	181763	2.551	ng/ul#	55
94) Benzo(g,h,i)perylene	26.31	276	78538	1.038	ng/ul#	72

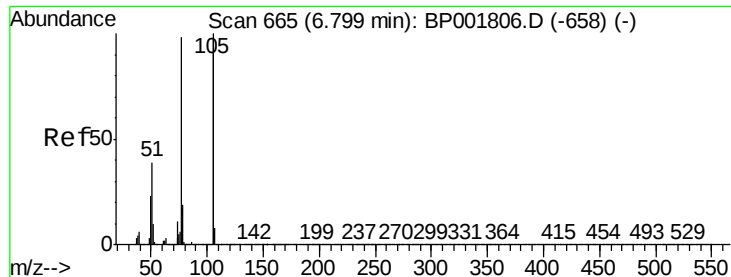
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.338 ng/ul

RT: 6.82 min Scan# 669

Delta R.T. 0.02 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampleId :

C5AT7

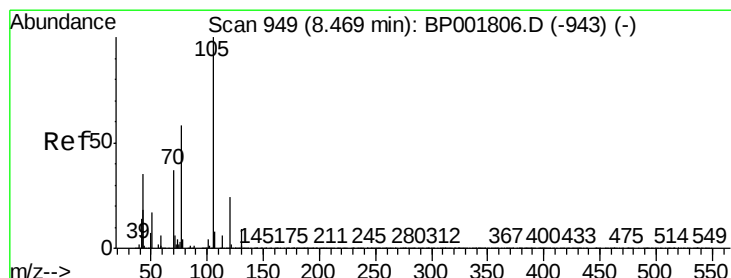
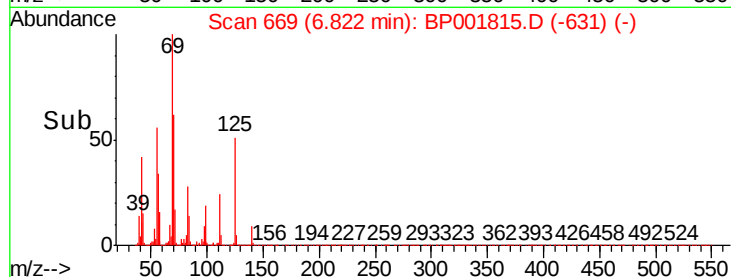
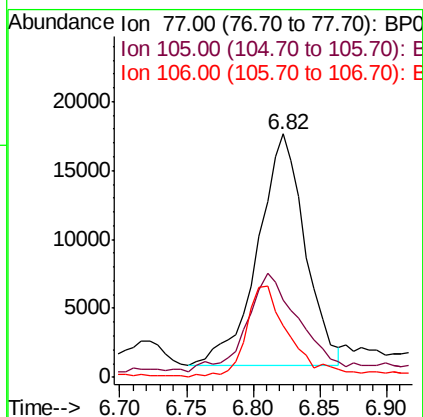
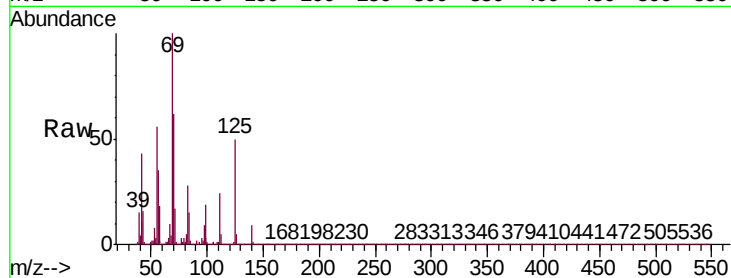
Tgt Ion: 77 Resp: 40974

Ion Ratio Lower Upper

77 100

105 31.7 82.0 123.0#

106 21.2 78.9 118.3#



#14

Acetophenone

Concen: 1.626 ng/ul

RT: 8.48 min Scan# 950

Delta R.T. 0.01 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

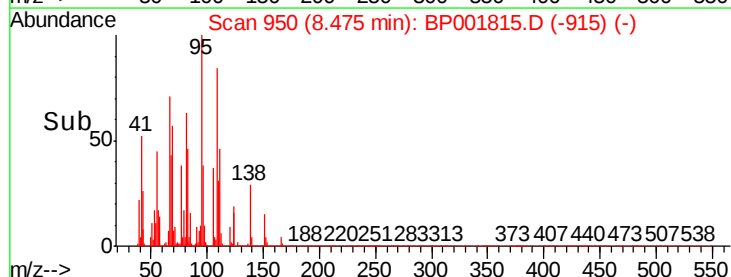
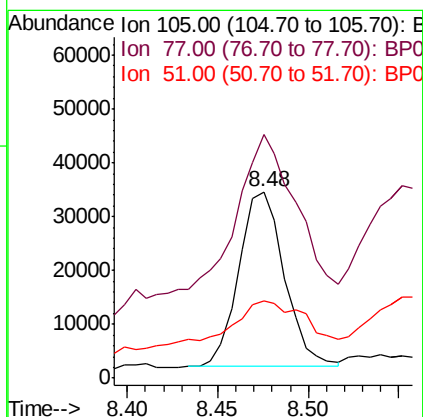
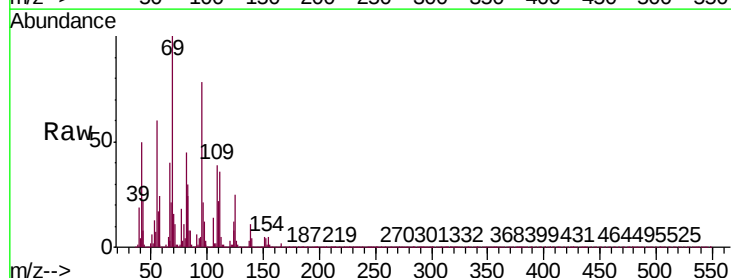
Tgt Ion: 105 Resp: 57062

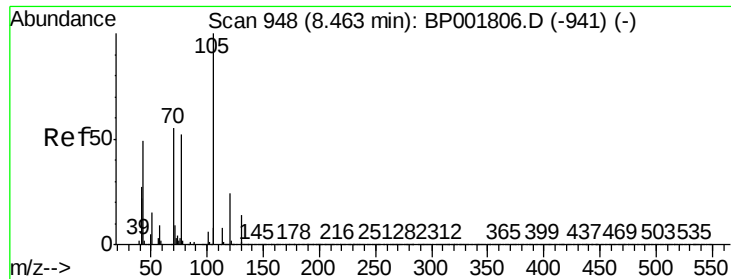
Ion Ratio Lower Upper

105 100

77 130.8 59.8 89.6#

51 41.4 17.9 26.9#

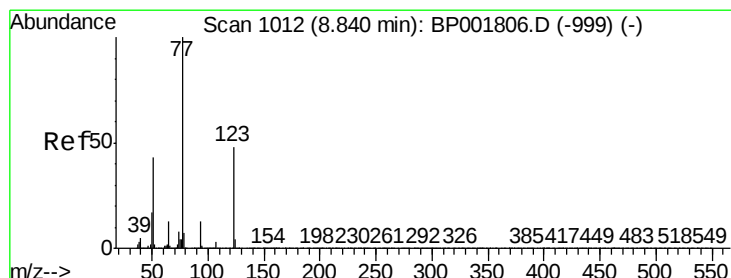
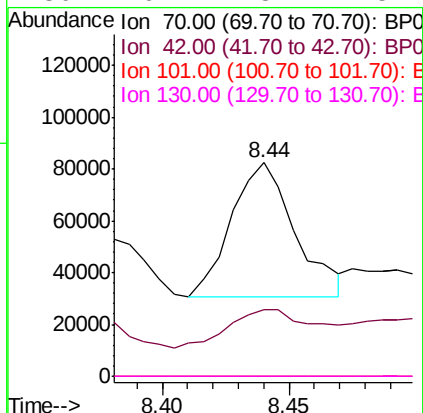
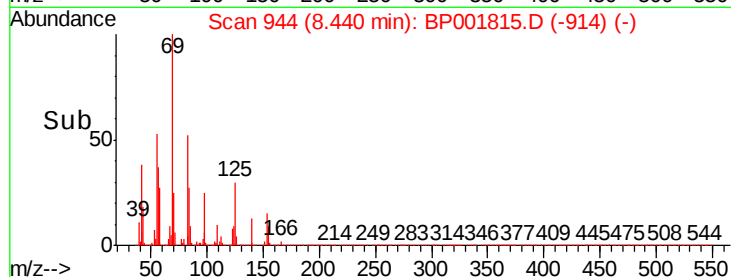
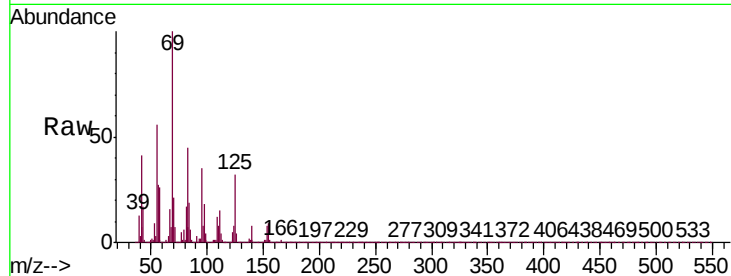




#15
N-Nitroso-di-n-propylamine
Concen: 5.590 ng/ul
RT: 8.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

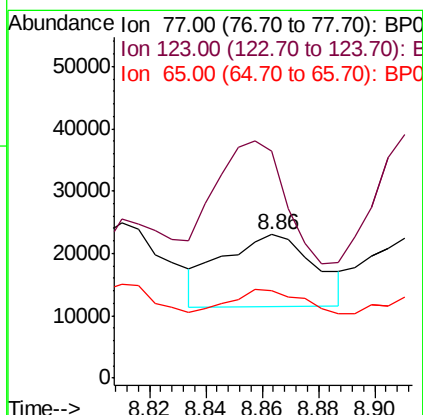
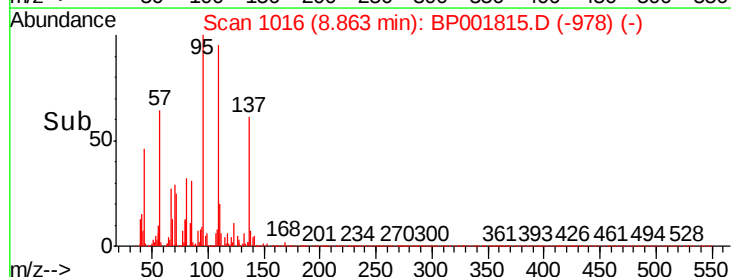
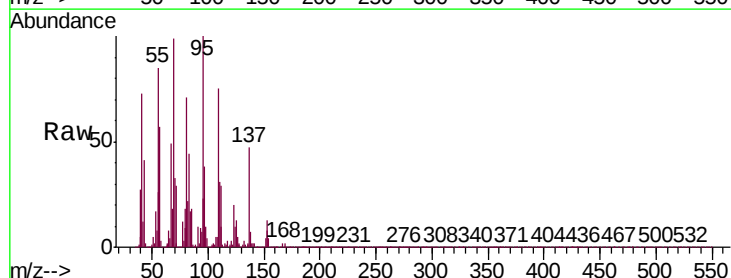
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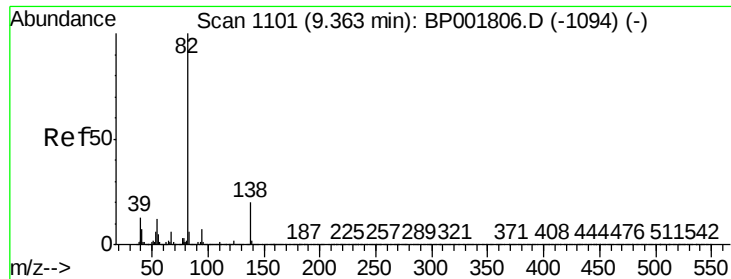
Tgt Ion	Ratio	Lower	Upper
70	100		
42	30.9	41.8	62.6#
101	0.1	8.0	12.0#
130	0.2	18.7	28.1#



#20
Nitrobenzene
Concen: 1.147 ng/ul
RT: 8.86 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BP001815.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
123	158.1	37.2	55.8#
65	61.2	9.5	14.3#

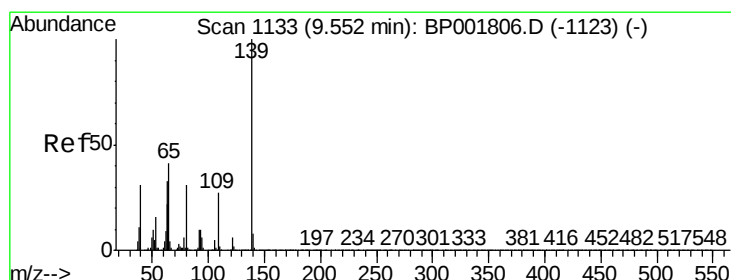
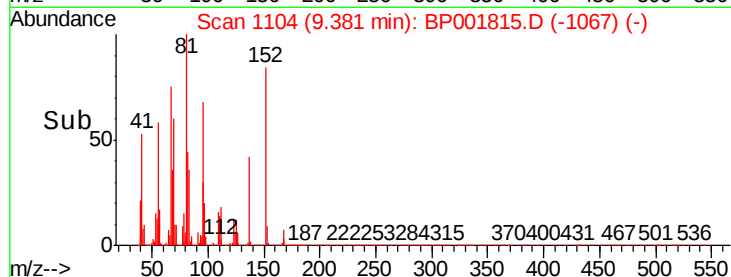
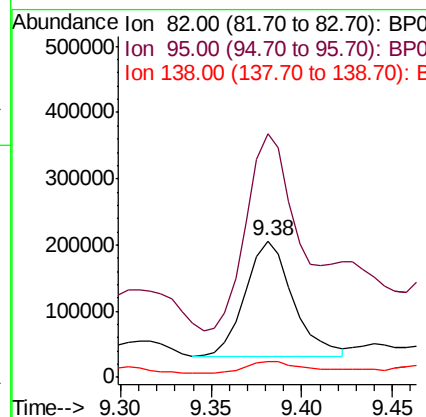
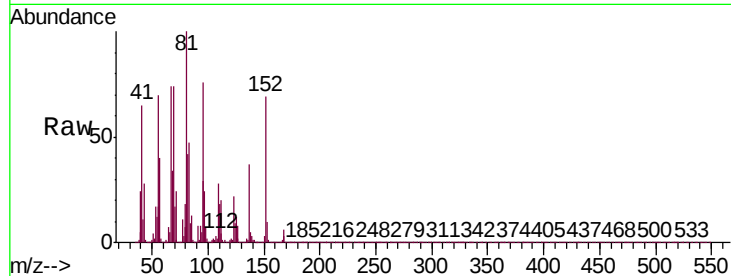




#21
Isophorone
Concen: 7.450 ng/ul
RT: 9.38 min Scan# 1104
Delta R.T. 0.02 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

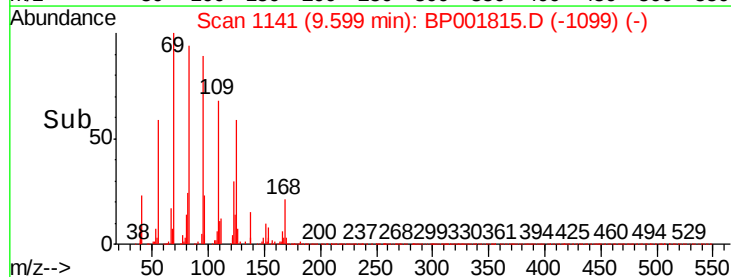
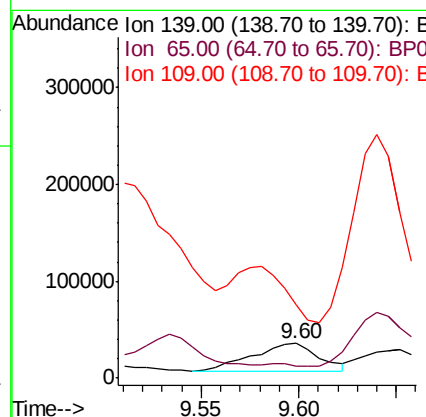
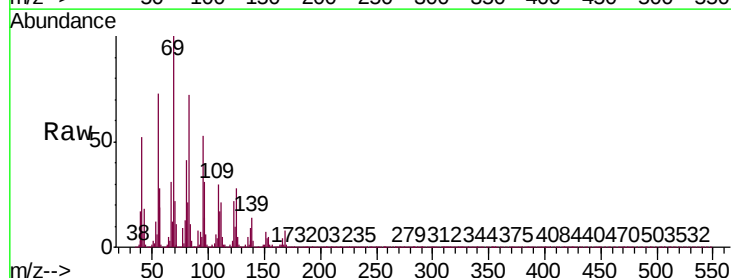
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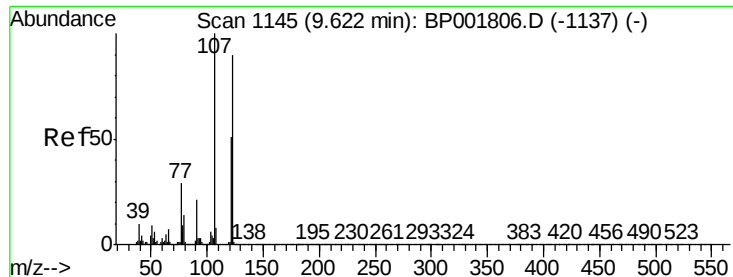
Tgt Ion: 82 Resp: 318025
Ion Ratio Lower Upper
82 100
95 178.9 5.6 8.4#
138 11.9 15.4 23.2#



#23
2-Nitrophenol
Concen: 6.872 ng/ul
RT: 9.60 min Scan# 1141
Delta R.T. 0.05 min
Lab File: BP001815.D
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Tgt Ion: 139 Resp: 69774
Ion Ratio Lower Upper
139 100
65 34.4 35.0 52.6#
109 211.7 20.8 31.2#

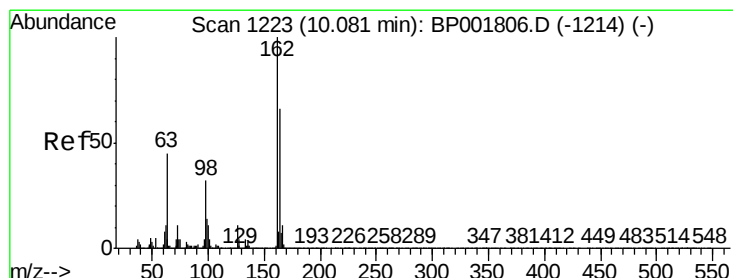
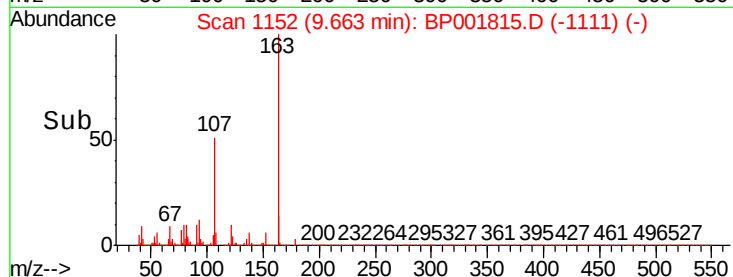
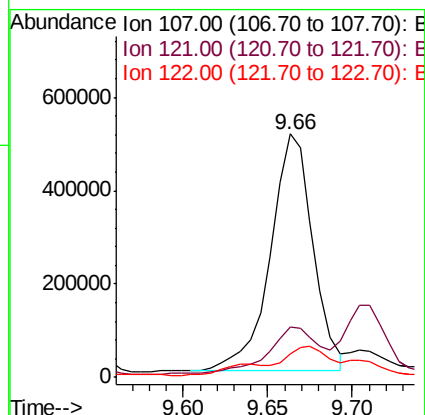
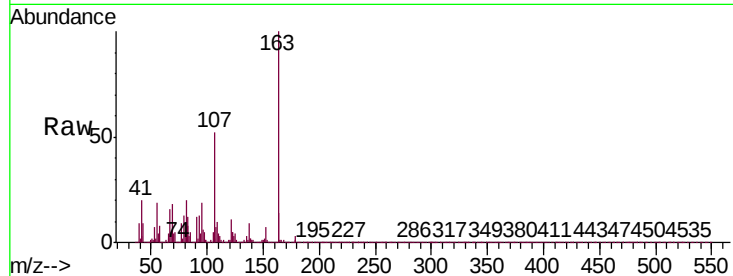




#24
 2,4-Dimethylphenol
 Concen: 38.997 ng/ul
 RT: 9.66 min Scan# 1152
 Delta R.T. 0.04 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

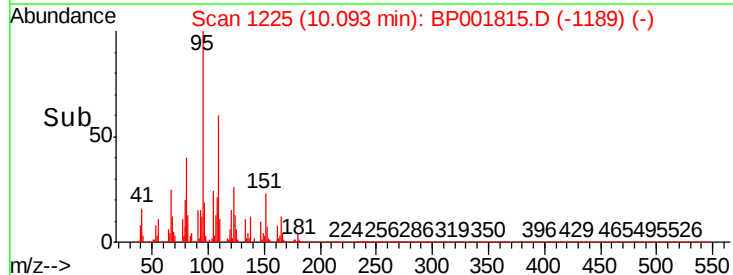
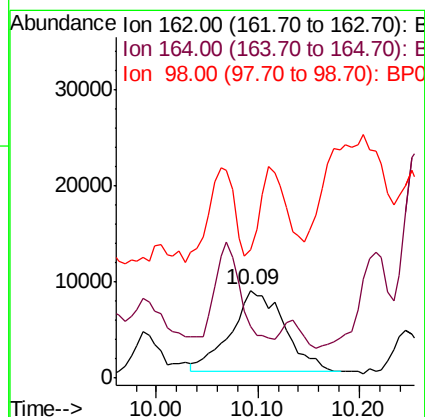
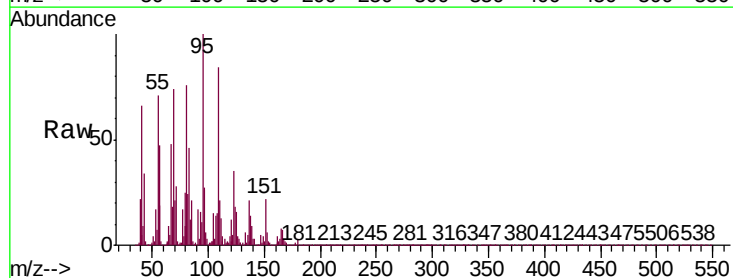
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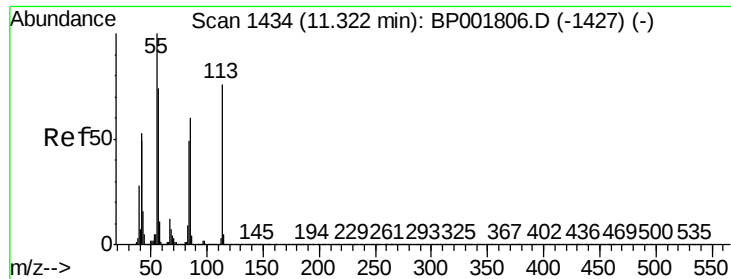
Tgt Ion:107 Resp: 889282
 Ion Ratio Lower Upper
 107 100
 121 20.5 41.8 62.6#
 122 9.5 72.4 108.6#



#27
 2,4-Dichlorophenol
 Concen: 1.502 ng/ul
 RT: 10.09 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Tgt Ion:162 Resp: 31068
 Ion Ratio Lower Upper
 162 100
 164 59.0 52.3 78.5
 98 147.2 26.6 39.8#





#32

Caprolactam

Concen: 1.398 ng/ul

RT: 11.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BP001815.D

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Instrument :

BNA_P

ClientSampleId :

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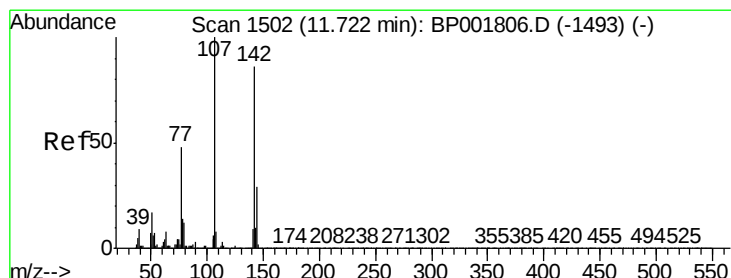
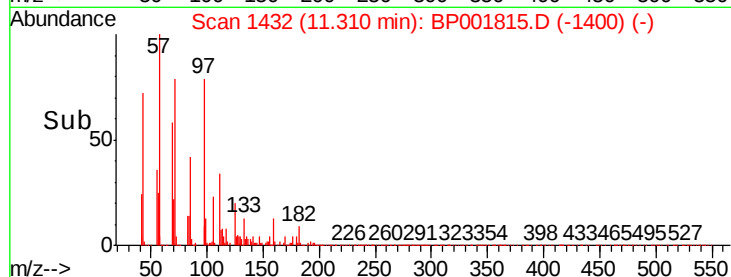
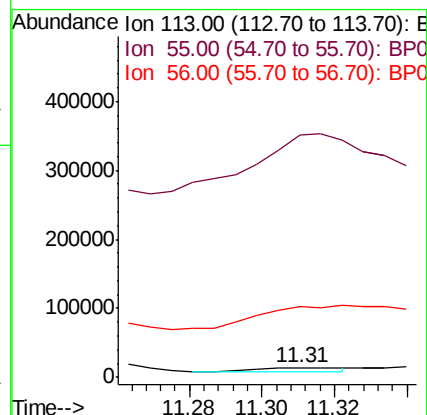
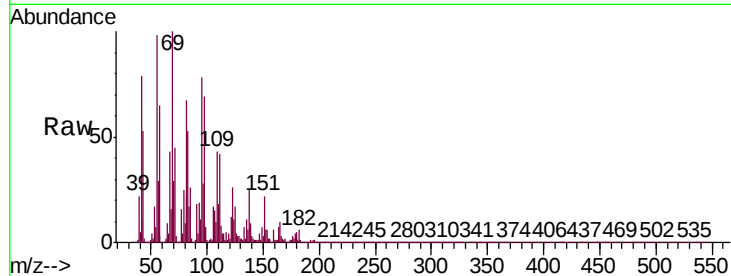
Tgt Ion:113 Resp: 8733

Ion Ratio Lower Upper

113 100

55 2494.1 111.0 166.6#

56 729.4 86.2 129.2#



#33

4-Chloro-3-methylphenol

Concen: 11.398 ng/ul

RT: 11.75 min Scan# 1507

Delta R.T. 0.03 min

Lab File: BP001815.D

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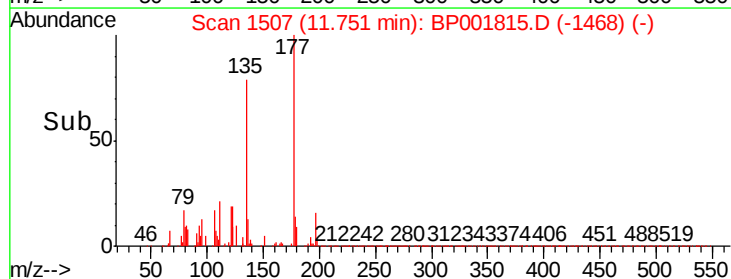
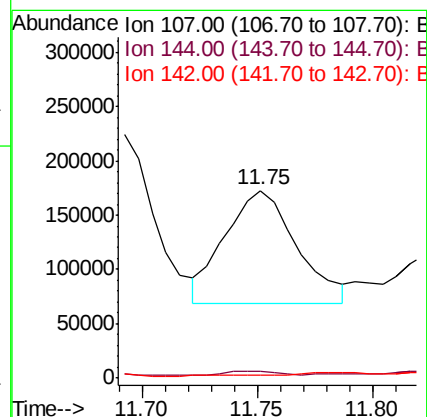
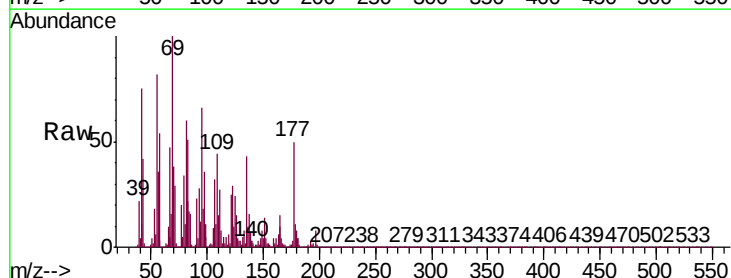
Tgt Ion:107 Resp: 224447

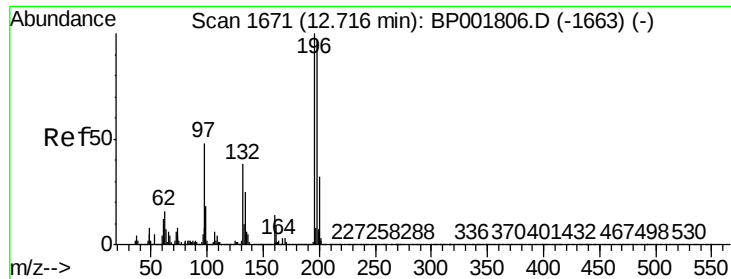
Ion Ratio Lower Upper

107 100

144 3.4 22.3 33.5#

142 1.5 68.2 102.4#

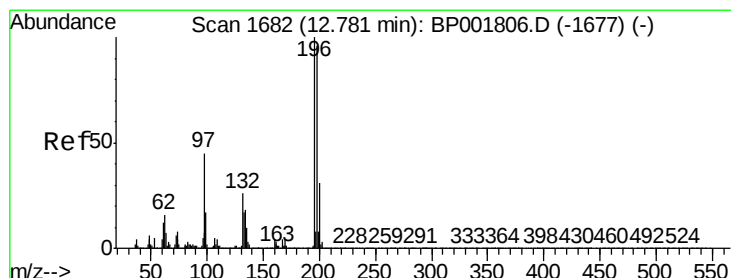
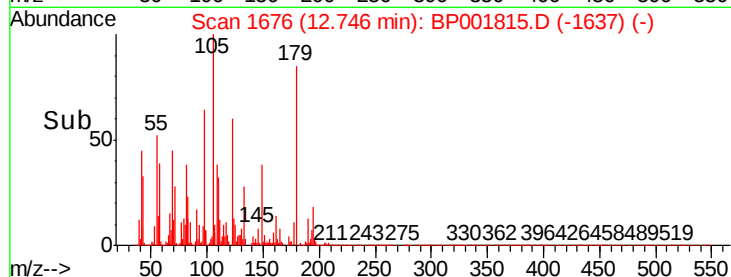
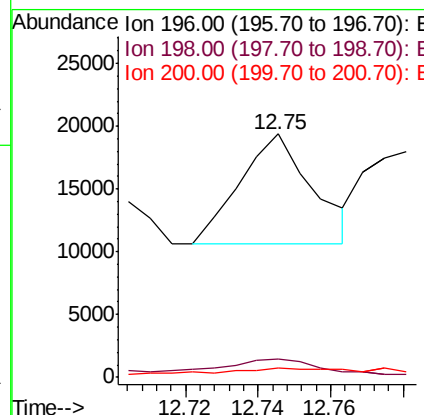
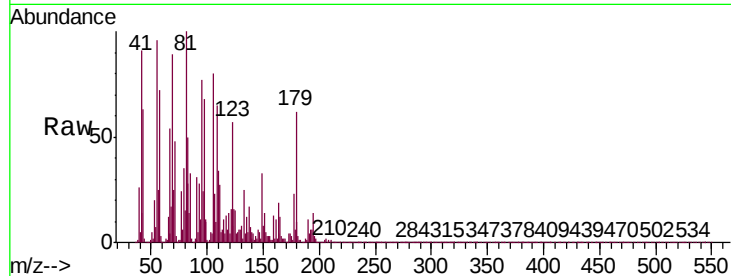




#39
 2,4,6-Trichlorophenol
 Concen: 1.496 ng/ul
 RT: 12.75 min Scan# 1676
 Delta R.T. 0.03 min
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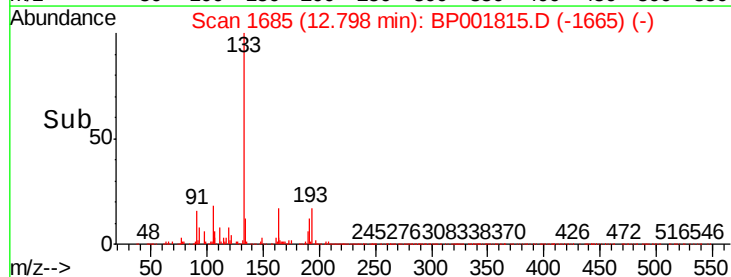
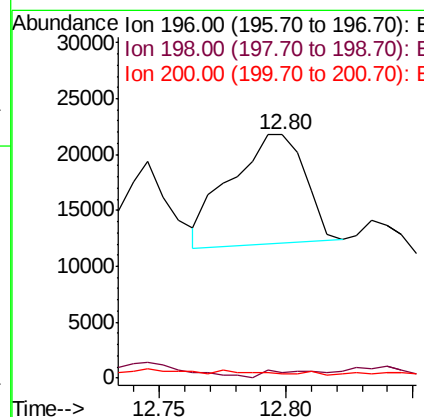
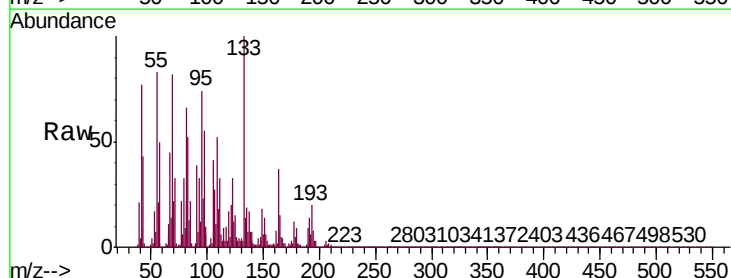
Instrument :
 BNA_P
 ClientSampled :
 C5AT7

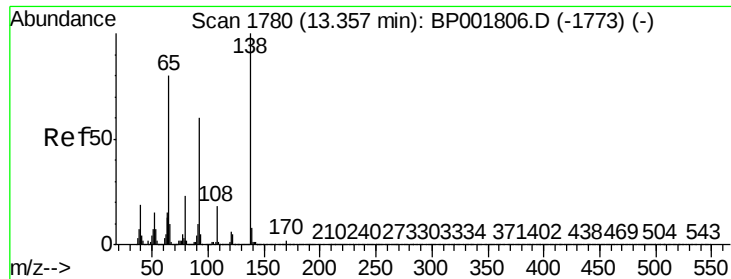
Tgt Ion:196 Resp: 11960
 Ion Ratio Lower Upper
 196 100
 198 7.3 76.6 115.0#
 200 4.1 24.6 37.0#



#40
 2,4,5-Trichlorophenol
 Concen: 2.287 ng/ul
 RT: 12.80 min Scan# 1685
 Delta R.T. 0.02 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Tgt Ion:196 Resp: 20134
 Ion Ratio Lower Upper
 196 100
 198 2.5 77.2 115.8#
 200 1.7 24.7 37.1#

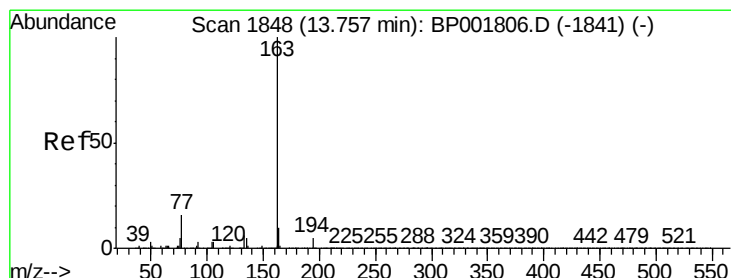
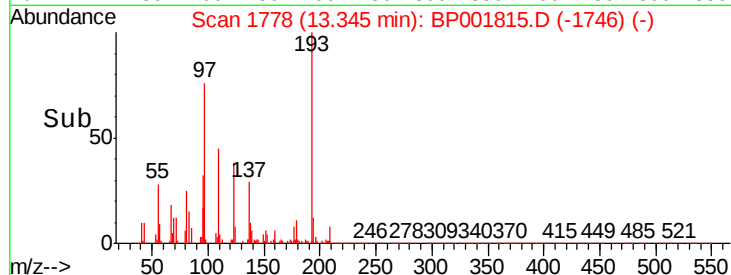
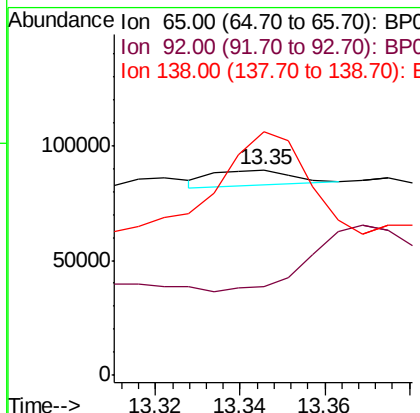
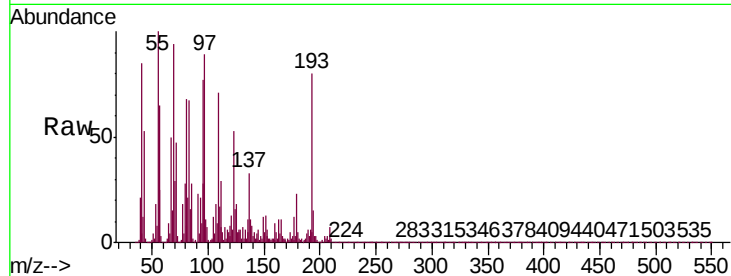




#43
2-Nitroaniline
Concen: 1.529 ng/ul
RT: 13.35 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

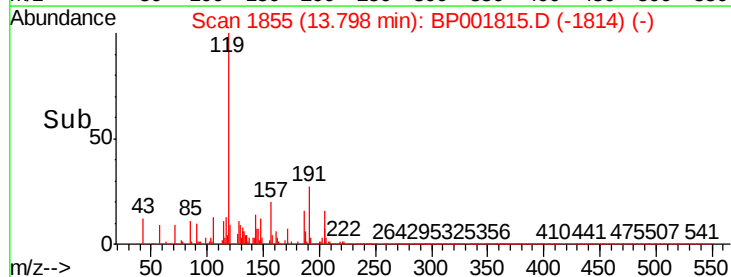
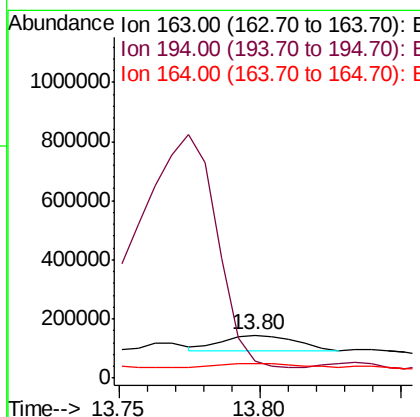
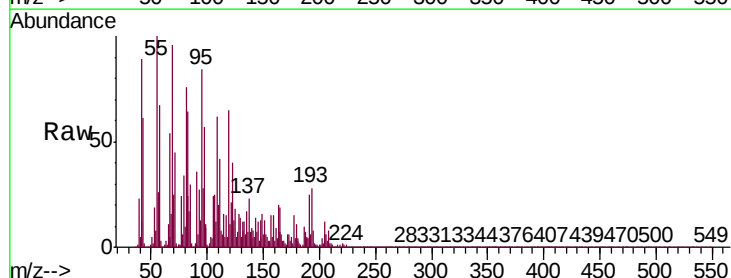
Instrument :
BNA_P
ClientSampled :
C5AT7

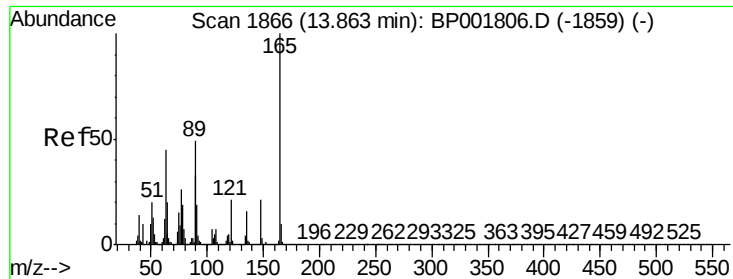
Tgt Ion: 65 Resp: 8677
Ion Ratio Lower Upper
65 100
92 43.2 59.1 88.7#
138 118.3 93.4 140.0



#45
Dimethylphthalate
Concen: 2.644 ng/ul
RT: 13.80 min Scan# 1855
Delta R.T. 0.04 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Tgt Ion: 163 Resp: 89702
Ion Ratio Lower Upper
163 100
194 40.1 3.5 5.3#
164 34.8 8.0 12.0#

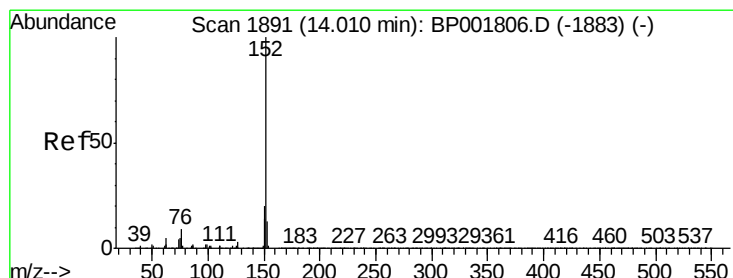
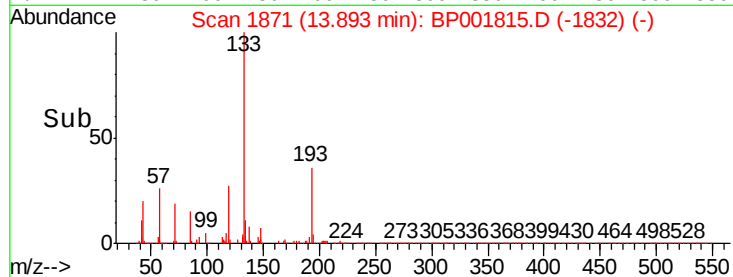
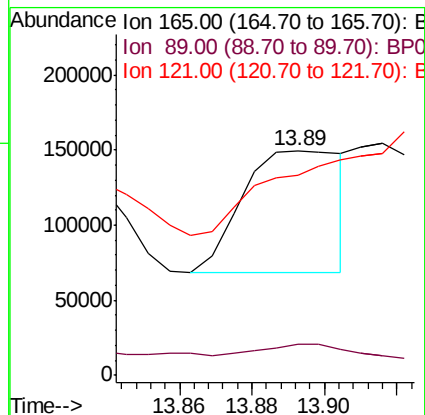
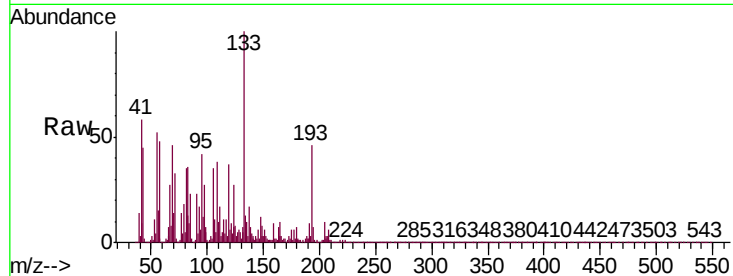




#46
2,6-Dinitrotoluene
Concen: 26.292 ng/ul
RT: 13.89 min Scan# 1871
Delta R.T. 0.03 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

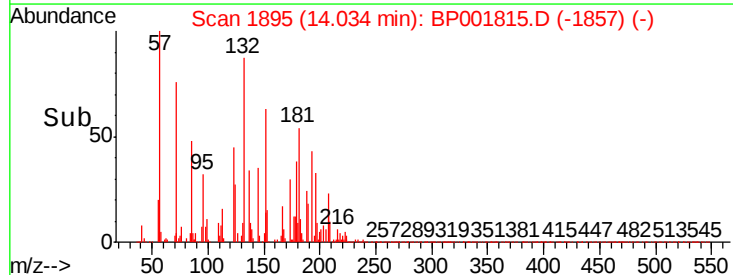
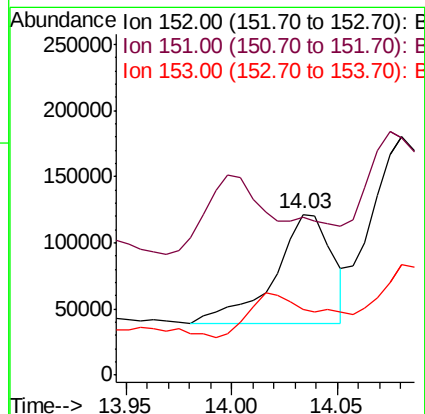
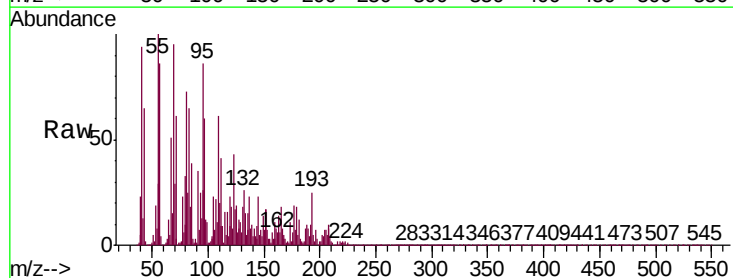
Instrument :
BNA_P
ClientSampled :
C5AT7

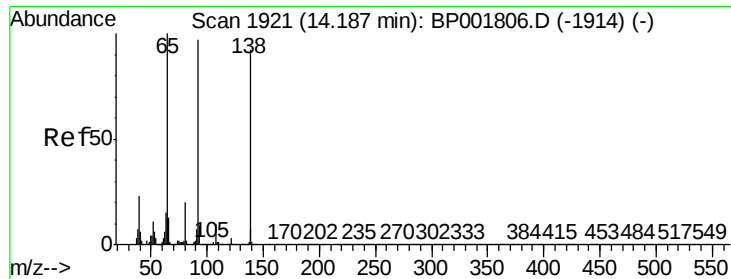
Tgt Ion	Ratio	Lower	Upper
165	100		
89	13.7	43.9	65.9#
121	89.2	16.7	25.1#



#48
Acenaphthylene
Concen: 3.652 ng/ul
RT: 14.03 min Scan# 1895
Delta R.T. 0.02 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	98.1	15.7	23.5#
153	40.9	10.7	16.1#





#49

3-Nitroaniline

Concen: 37.903 ng/ul

RT: 14.25 min Scan# 1932

Delta R.T. 0.06 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampleId :

C5AT7

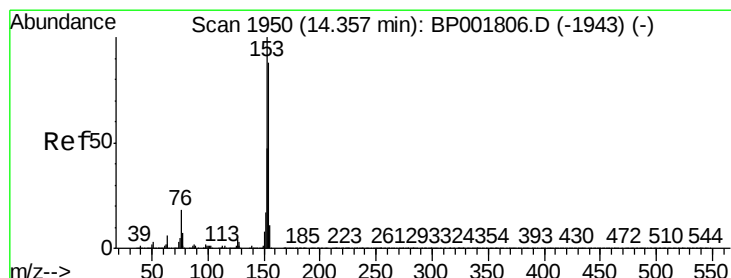
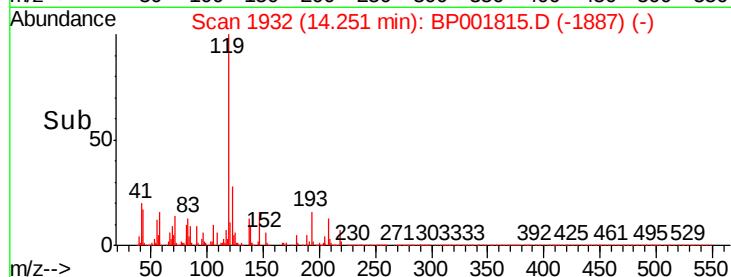
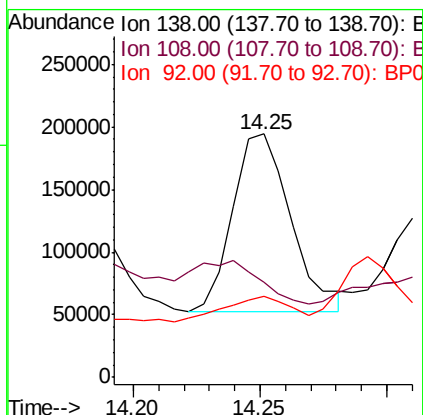
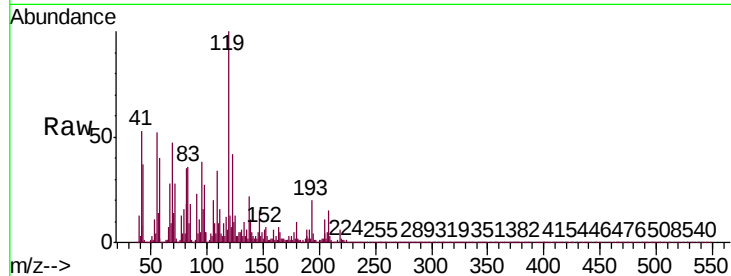
Tgt Ion:138 Resp: 228126

Ion Ratio Lower Upper

138 100

108 39.2 9.9 14.9#

92 33.3 88.9 133.3#



#50

Acenaphthene

Concen: 1.911 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. 0.03 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

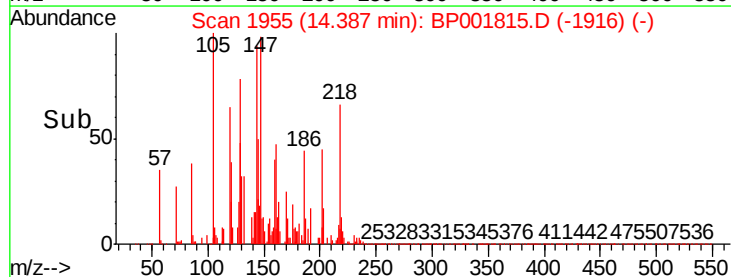
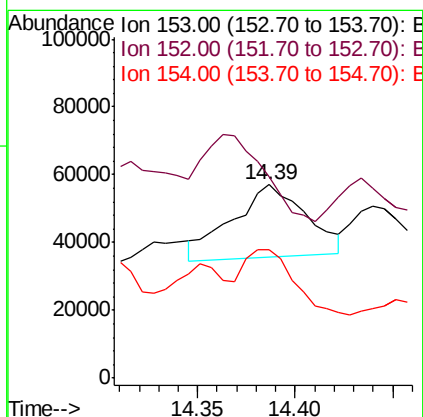
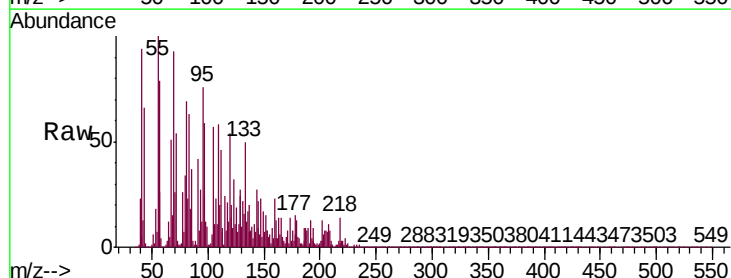
Tgt Ion:153 Resp: 56225

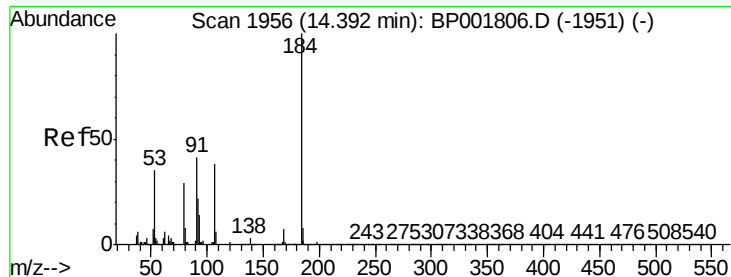
Ion Ratio Lower Upper

153 100

152 103.9 37.8 56.8#

154 66.7 71.9 107.9#

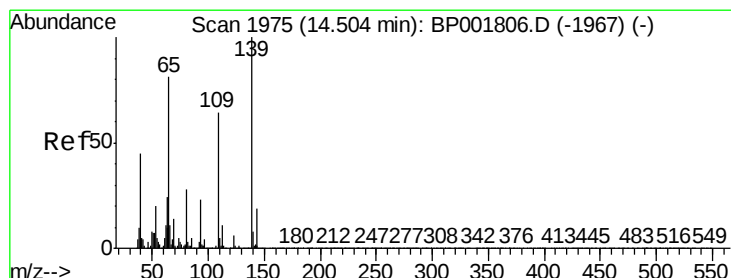
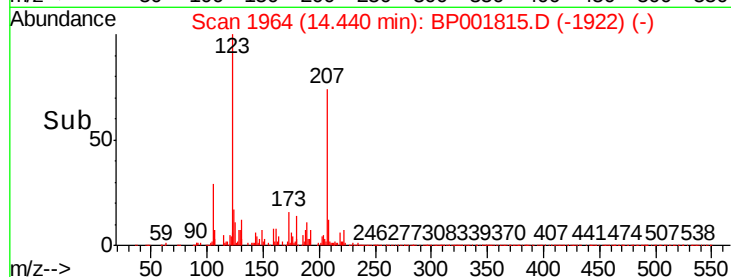
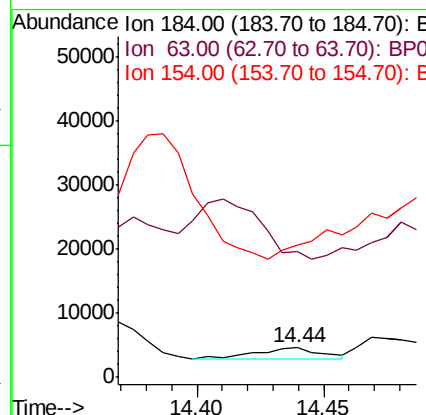
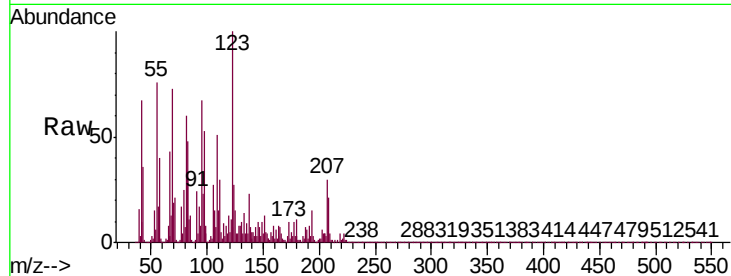




#51
2,4-Dinitrophenol
Concen: 1.401 ng/ul
RT: 14.44 min Scan# 1964
Delta R.T. 0.05 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

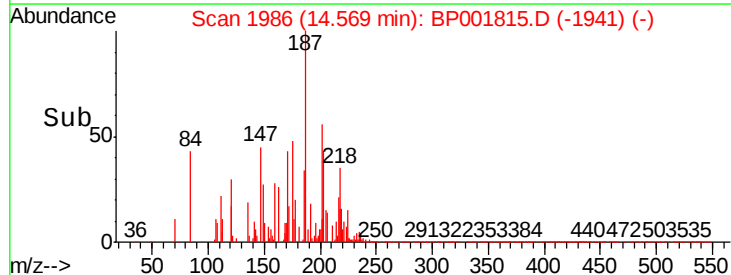
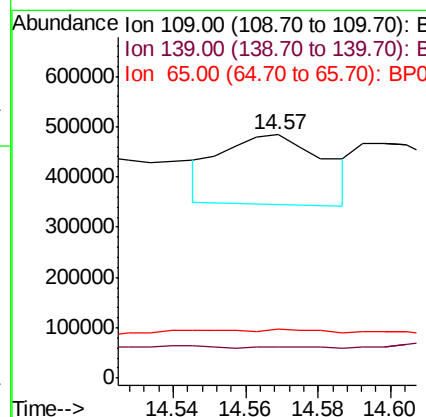
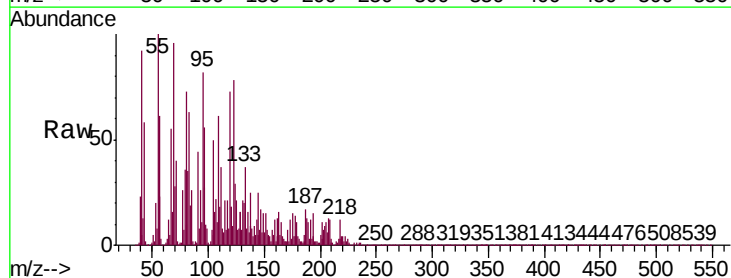
Instrument :
BNA_P
ClientSampleId :
C5AT7

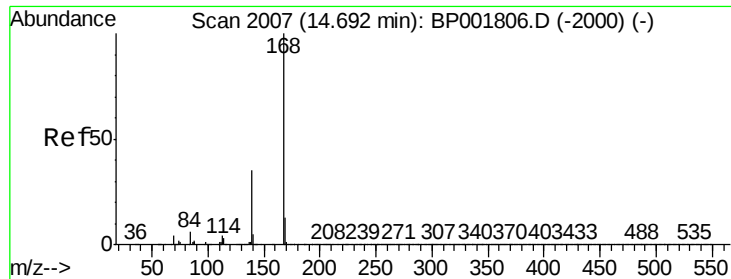
Tgt Ion:184 Resp: 3437
Ion Ratio Lower Upper
184 100
63 428.6 45.9 68.9#
154 450.1 47.3 70.9#



#53
4-Nitrophenol
Concen: 66.121 ng/ul
RT: 14.57 min Scan# 1986
Delta R.T. 0.06 min
Lab File: BP001815.D
Acq: 20 Feb 2020 22:22

Tgt Ion:109 Resp: 274736
Ion Ratio Lower Upper
109 100
139 12.9 123.1 184.7#
65 20.3 105.0 157.6#





#54

Dibenzofuran

Concen: 3.402 ng/ul

RT: 14.72 min Scan# 2012

Delta R.T. 0.03 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampleId :

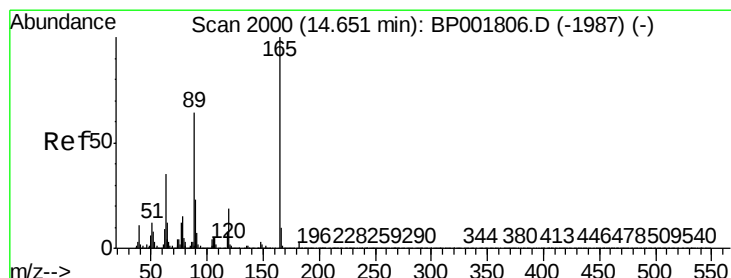
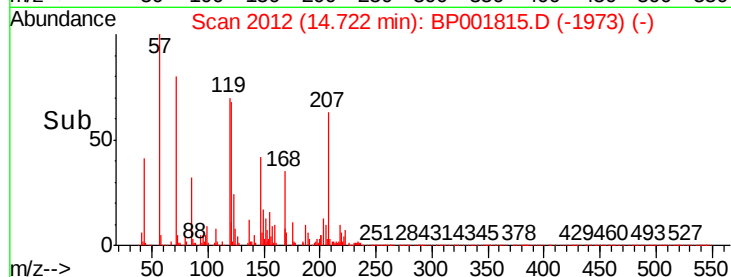
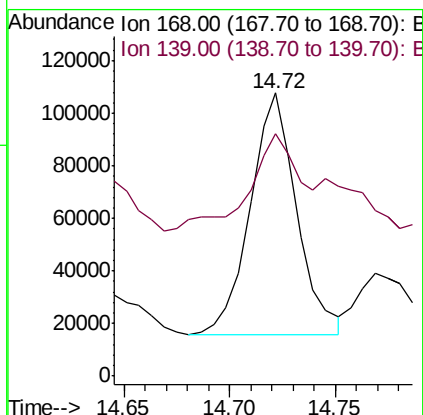
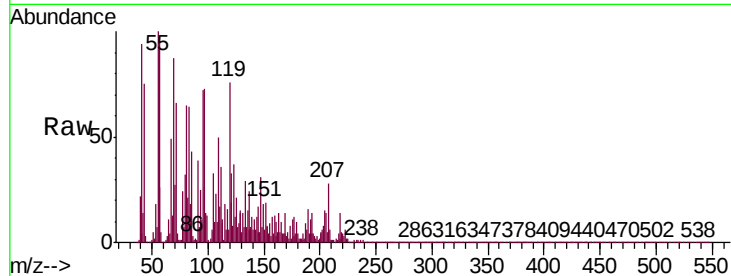
C5AT7

Tgt Ion:168 Resp: 140965

Ion Ratio Lower Upper

168 100

139 85.7 28.6 43.0#



#55

2,4-Dinitrotoluene

Concen: 3.075 ng/ul

RT: 14.67 min Scan# 2004

Delta R.T. 0.02 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

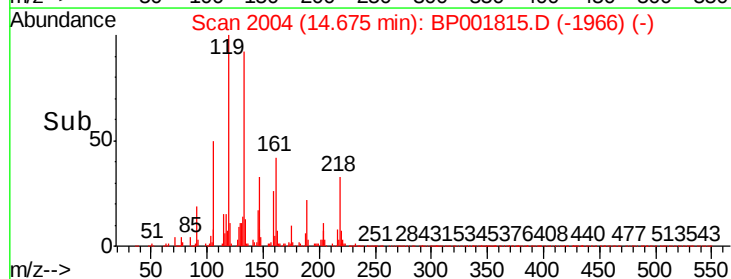
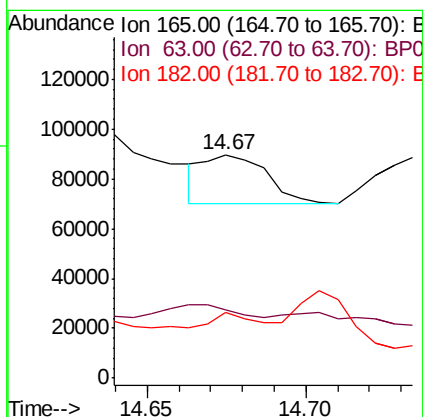
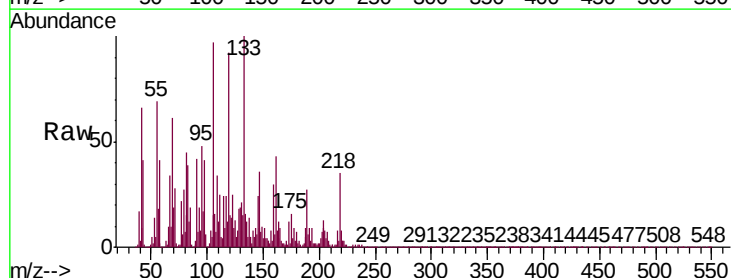
Tgt Ion:165 Resp: 26763

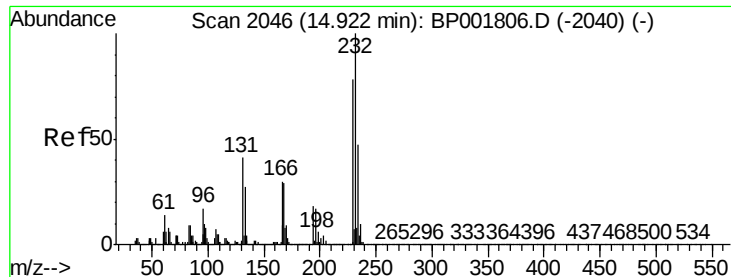
Ion Ratio Lower Upper

165 100

63 30.4 31.0 46.6#

182 29.6 2.4 3.6#

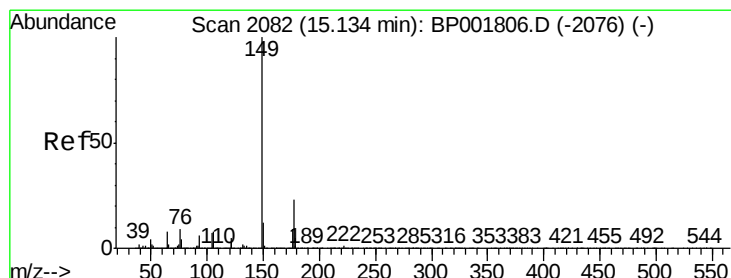
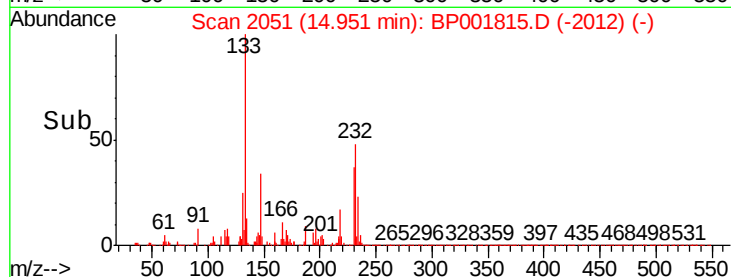
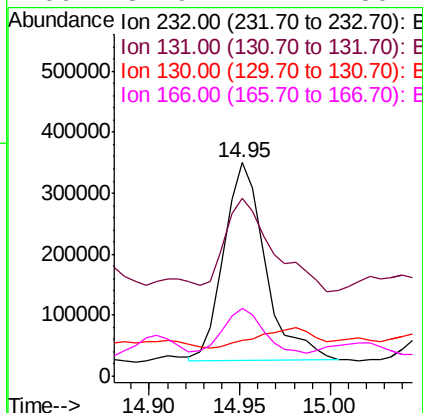
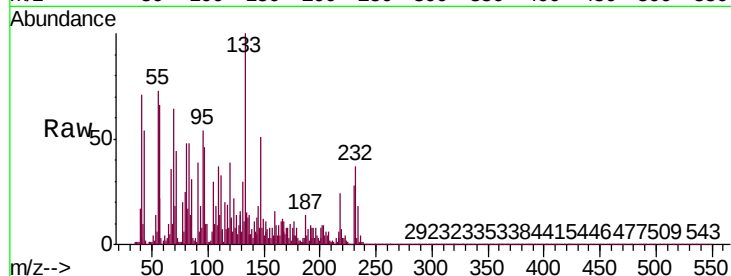




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 72.990 ng/ul
 RT: 14.95 min Scan# 2051
 Delta R.T. 0.03 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

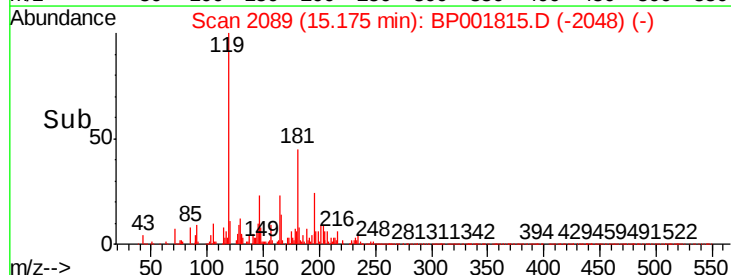
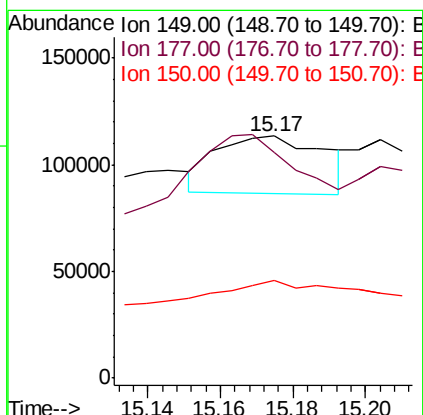
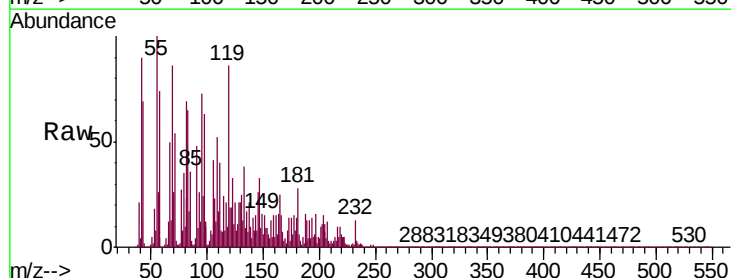
Instrument :
 BNA_P
 ClientSampleId :
 C5AT7

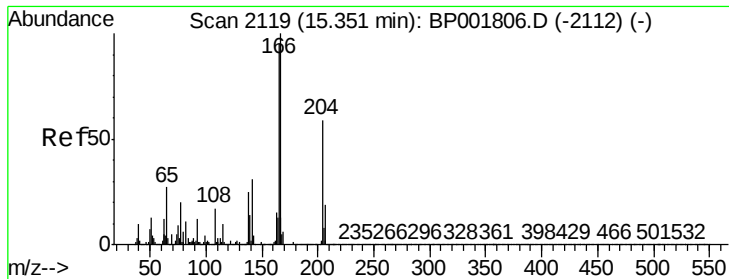
Tgt Ion	Ratio	Lower	Upper
232	100		
131	83.2	34.1	51.1#
130	16.7	1.8	2.6#
166	31.9	24.2	36.4



#57
 Diethylphthalate
 Concen: 1.723 ng/ul
 RT: 15.17 min Scan# 2089
 Delta R.T. 0.04 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	93.2	18.1	27.1#
150	40.2	9.8	14.8#

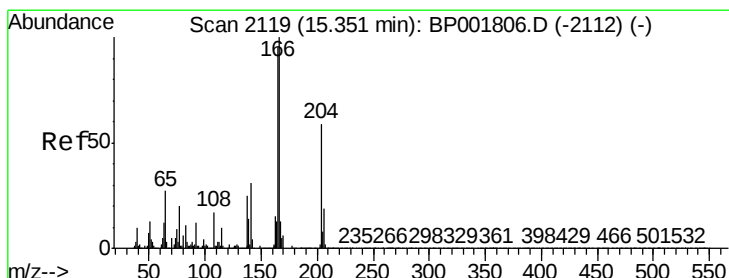
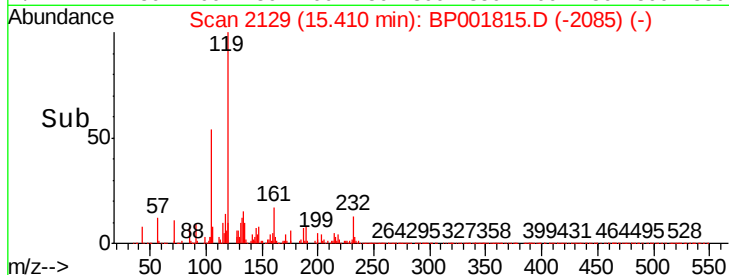
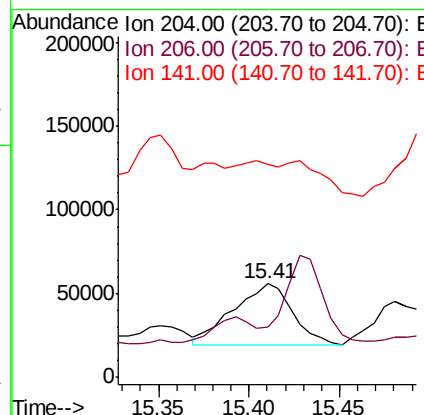
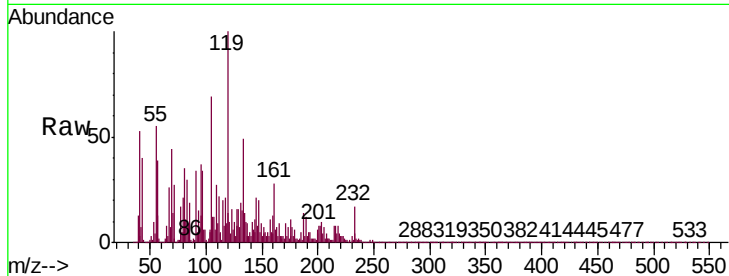




#60
 4-Chlorophenyl-phenylether
 Concen: 4.814 ng/ul
 RT: 15.41 min Scan# 2129
 Delta R.T. 0.06 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

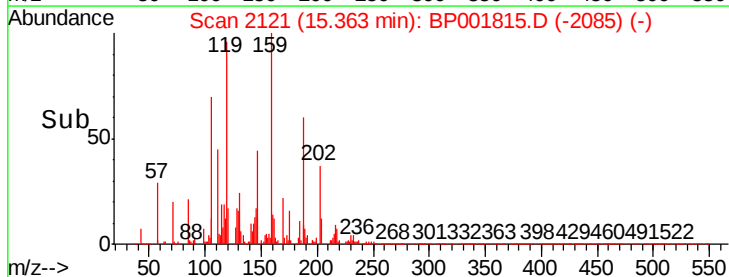
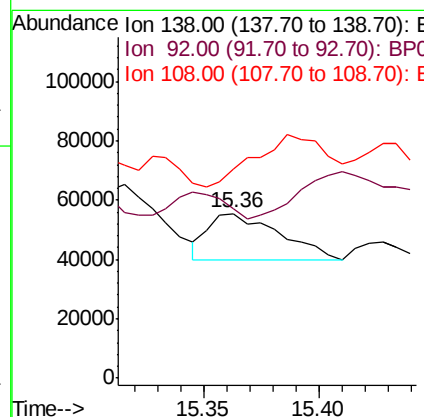
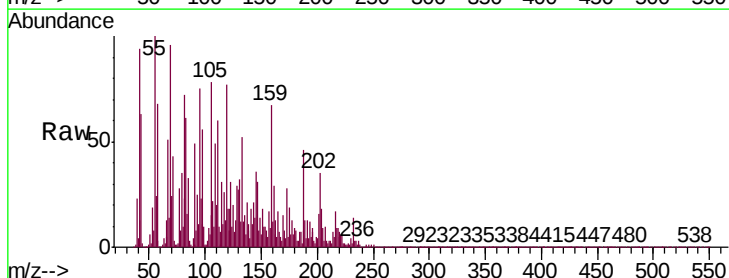
Instrument :
 BNA_P
 ClientSampleId :
 C5AT7

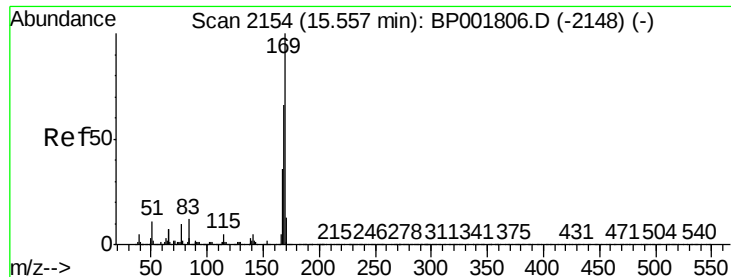
Tgt Ion: 204 Resp: 82351
 Ion Ratio Lower Upper
 204 100
 206 53.1 26.6 40.0#
 141 227.2 43.1 64.7#



#61
 4-Nitroaniline
 Concen: 4.931 ng/ul
 RT: 15.36 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Tgt Ion: 138 Resp: 33507
 Ion Ratio Lower Upper
 138 100
 92 103.2 38.4 57.6#
 108 126.8 53.8 80.6#



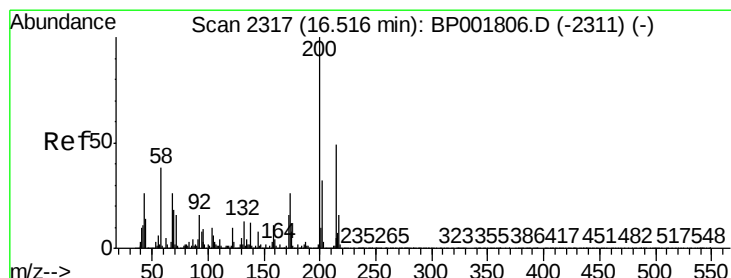
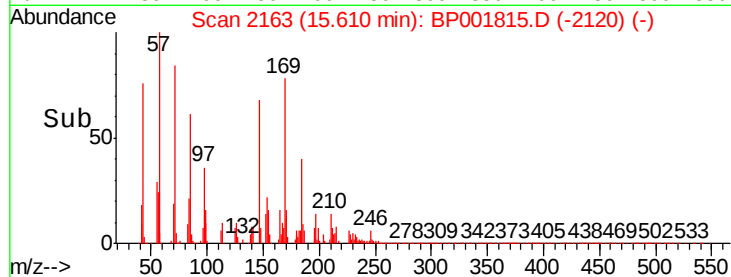
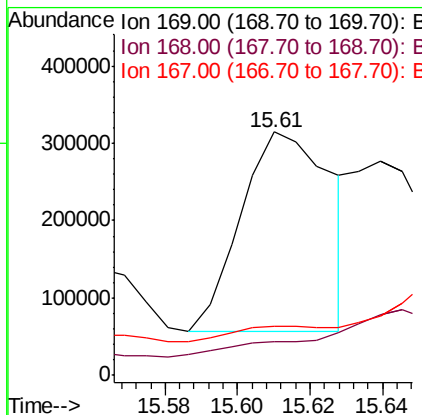
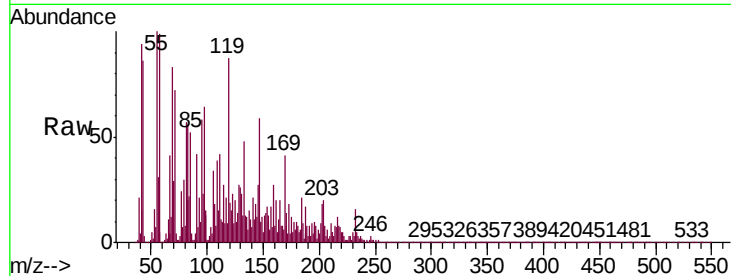


#65

N-Nitrosodiphenylamine
 Concen: 17.528 ng/ul
 RT: 15.61 min Scan# 2163
 Delta R.T. 0.05 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Instrument :
 BNA_P
 ClientSampleId :
 C5AT7

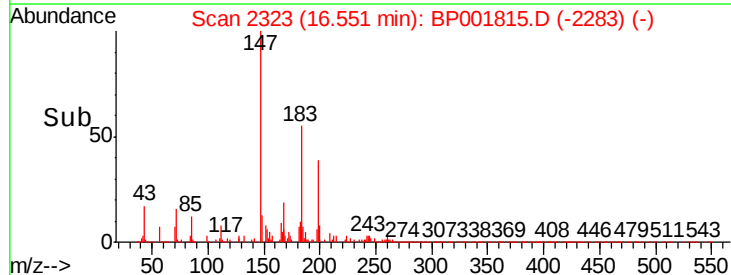
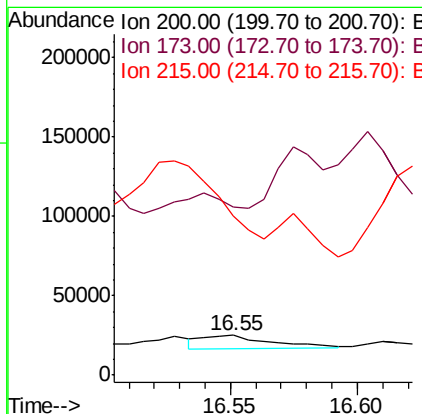
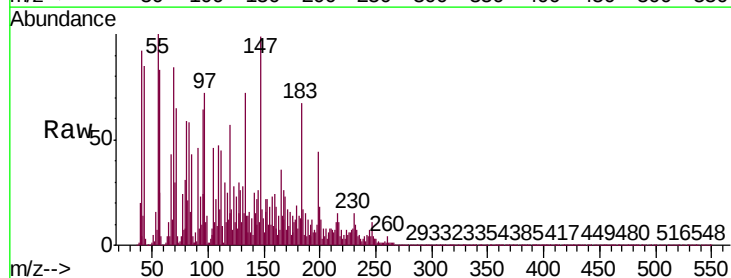
Tgt Ion:169 Resp: 446963
 Ion Ratio Lower Upper
 169 100
 168 13.9 52.9 79.3#
 167 20.3 28.9 43.3#

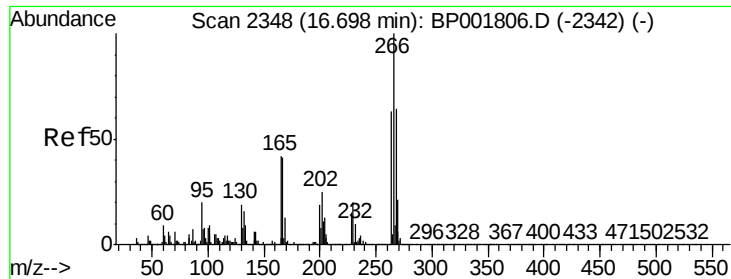


#68

Atrazine
 Concen: 1.762 ng/ul
 RT: 16.55 min Scan# 2323
 Delta R.T. 0.04 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Tgt Ion:200 Resp: 16201
 Ion Ratio Lower Upper
 200 100
 173 420.8 21.0 31.4#
 215 397.0 38.9 58.3#

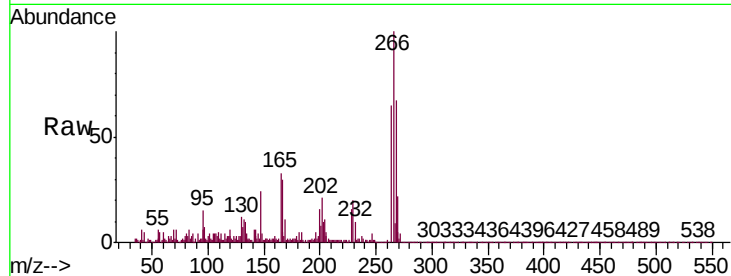




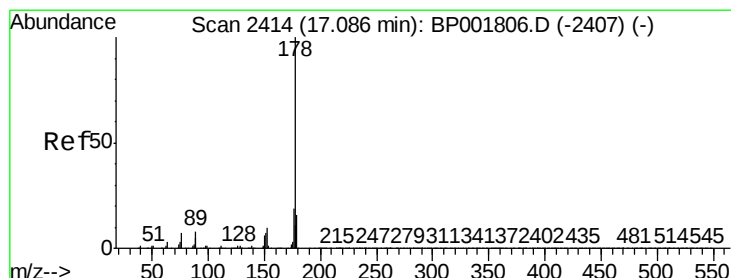
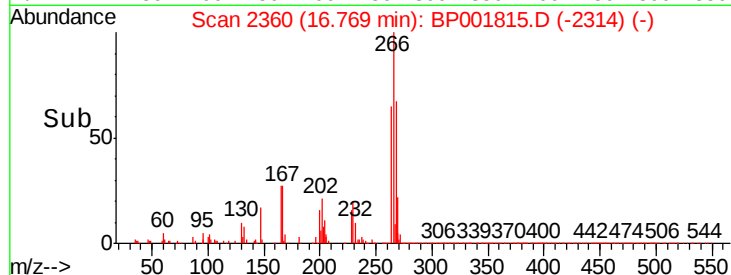
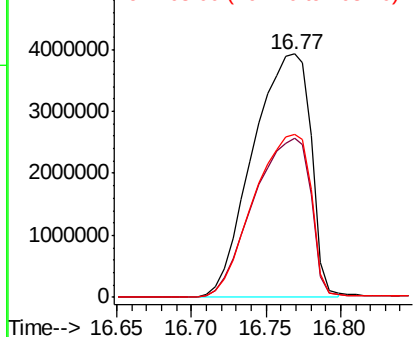
#69
 Pentachlorophenol
 Concen: 1937.383 ng/ul
 RT: 16.77 min Scan# 2360
 Delta R.T. 0.07 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Instrument :
 BNA_P
 ClientSampleId :
 C5AT7

Tgt Ion:266 Resp:10567051
 Ion Ratio Lower Upper
 266 100
 264 65.3 51.1 76.7
 268 67.1 51.5 77.3

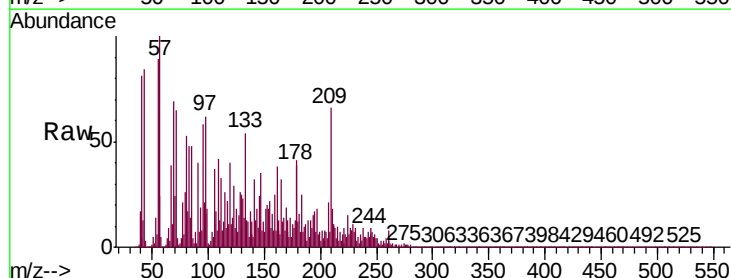


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

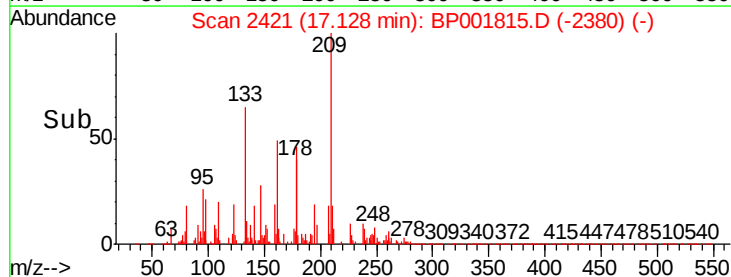
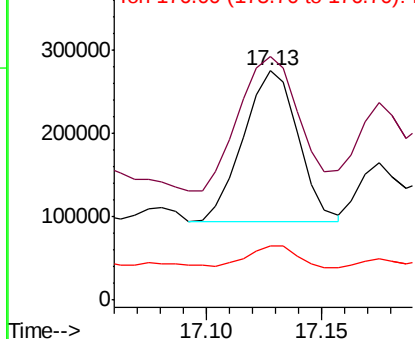


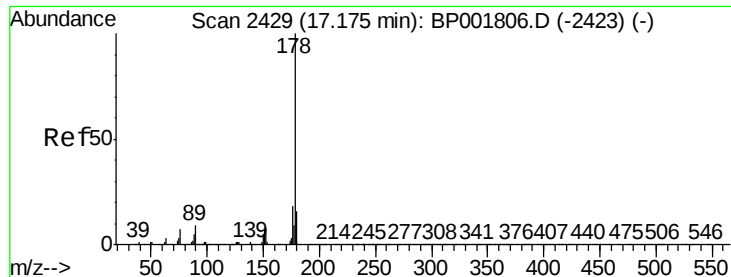
#70
 Phenanthrene
 Concen: 6.062 ng/ul
 RT: 17.13 min Scan# 2421
 Delta R.T. 0.04 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Tgt Ion:178 Resp: 297322
 Ion Ratio Lower Upper
 178 100
 179 106.1 12.3 18.5#
 176 23.6 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: 4.352 ng/uL

RT: 17.22 min Scan# 2437

Delta R.T. 0.05 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampleId :

C5AT7

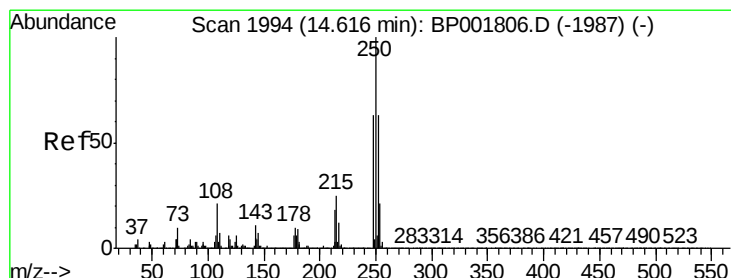
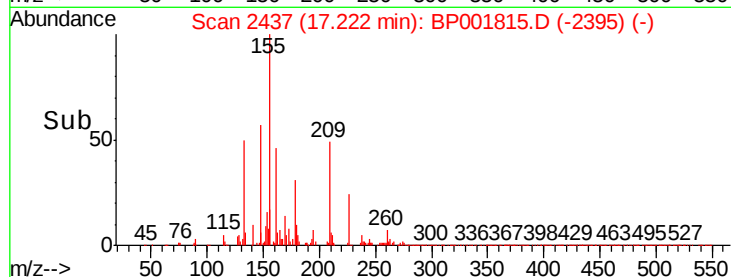
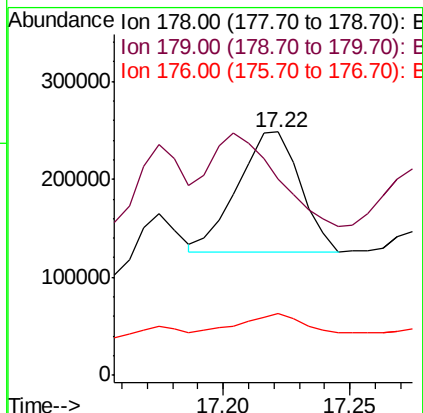
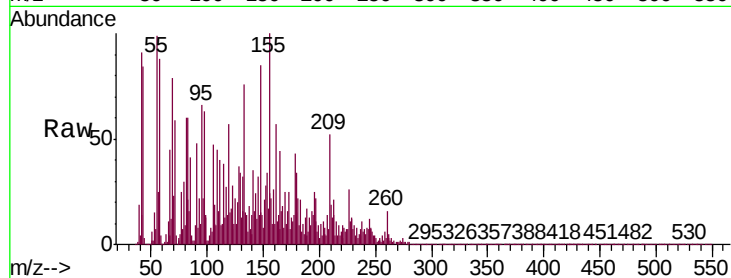
Tgt Ion:178 Resp: 210839

Ion Ratio Lower Upper

178 100

179 80.5 12.4 18.6#

176 25.2 14.8 22.2#



#74

Pentachlorobenzene

Concen: 1.413 ng/uL

RT: 14.65 min Scan# 2000

Delta R.T. 0.04 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

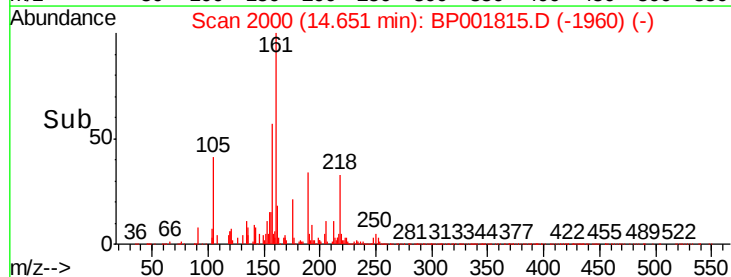
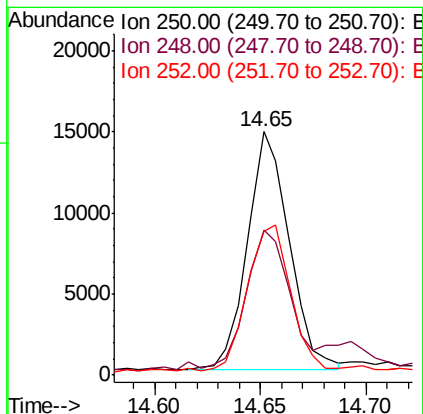
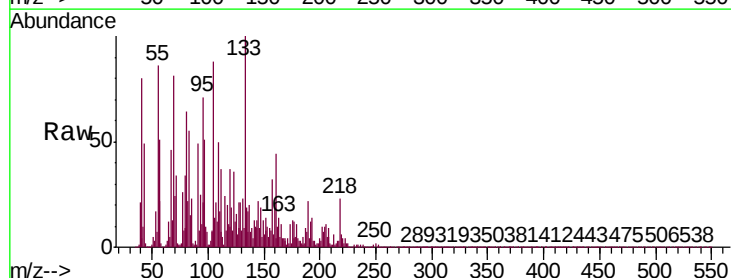
Tgt Ion:250 Resp: 20077

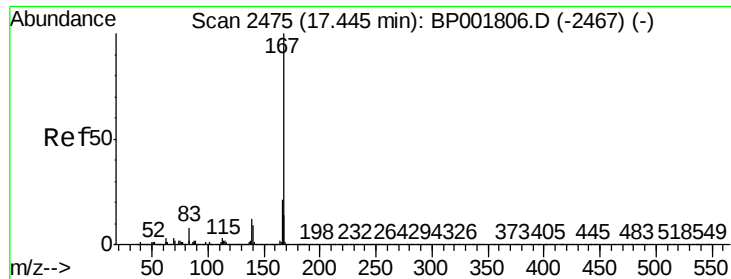
Ion Ratio Lower Upper

250 100

248 59.5 50.6 76.0

252 59.3 51.5 77.3





#75

Carbazole

Concen: 15.029 ng/ul

RT: 17.48 min Scan# 2481

Delta R.T. 0.04 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampleId :

C5AT7

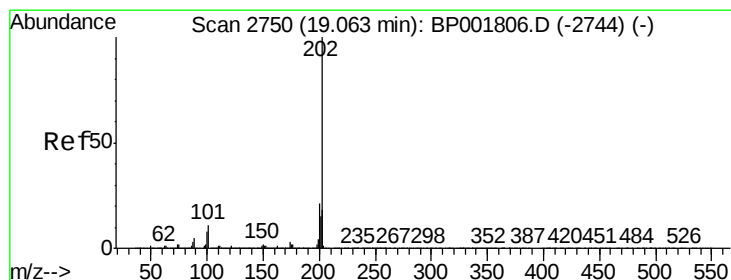
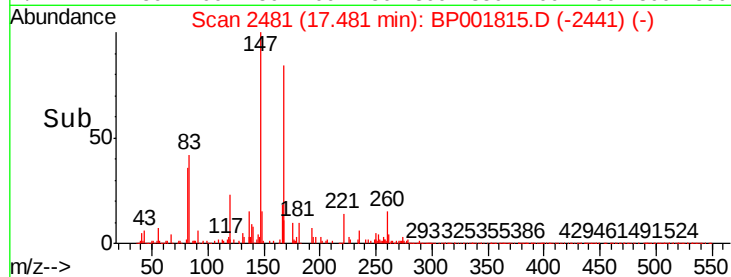
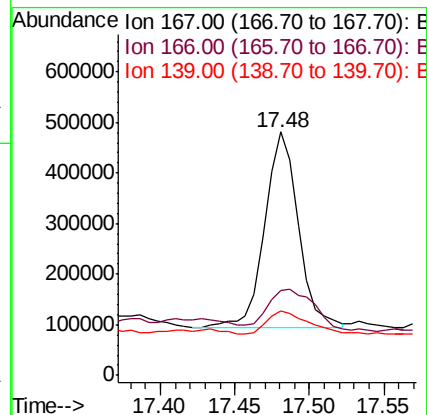
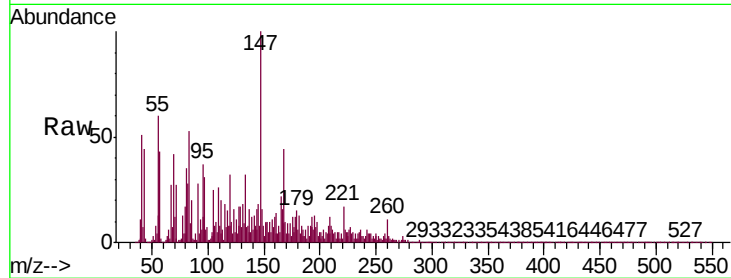
Tgt Ion:167 Resp: 607245

Ion Ratio Lower Upper

167 100

166 35.0 17.1 25.7#

139 26.4 10.2 15.2#



#77

Fluoranthene

Concen: 7.076 ng/ul

RT: 19.10 min Scan# 2756

Delta R.T. 0.04 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

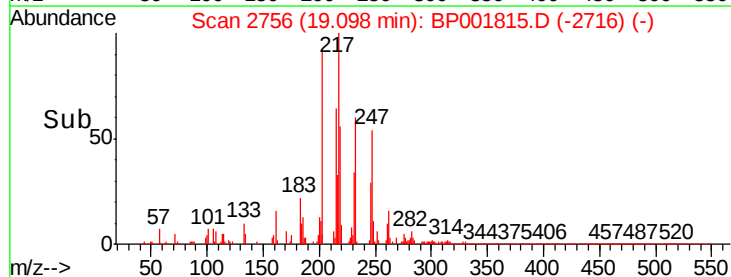
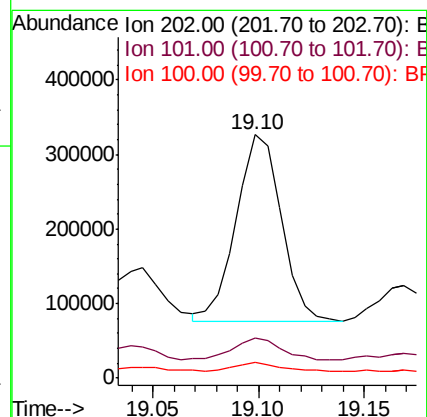
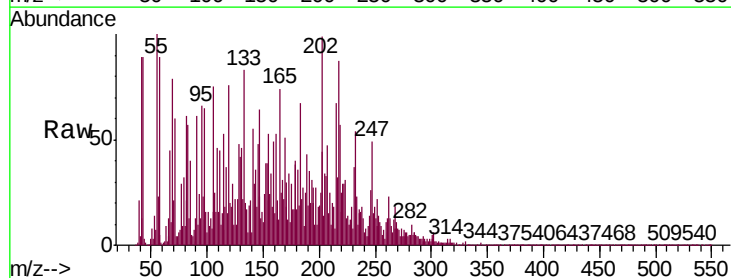
Tgt Ion:202 Resp: 371655

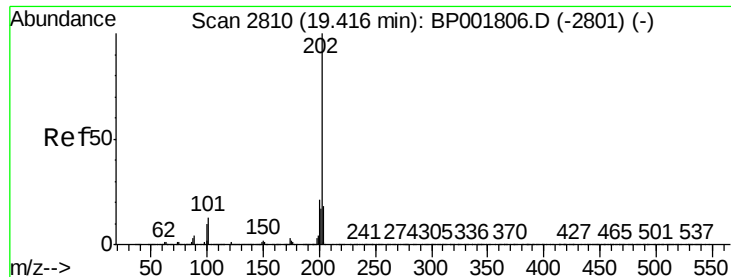
Ion Ratio Lower Upper

202 100

101 16.4 9.1 13.7#

100 6.5 6.6 9.8#

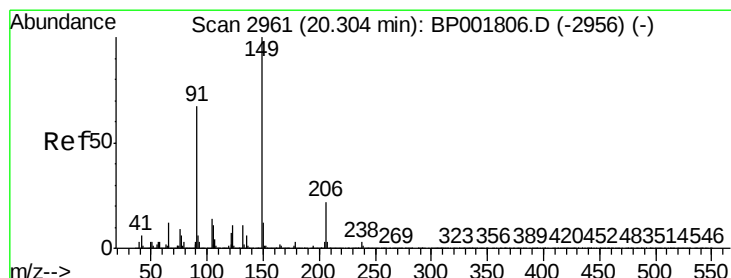
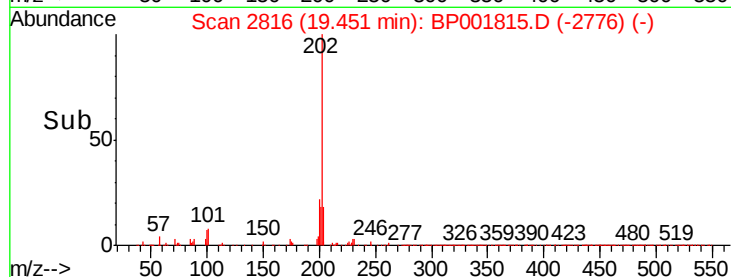
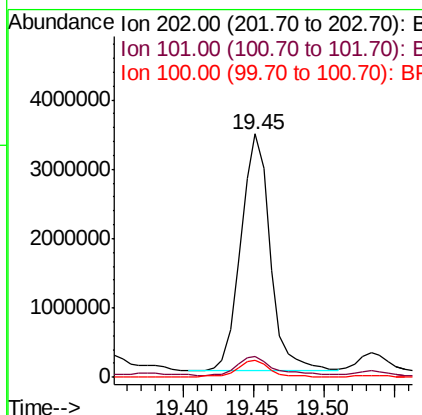
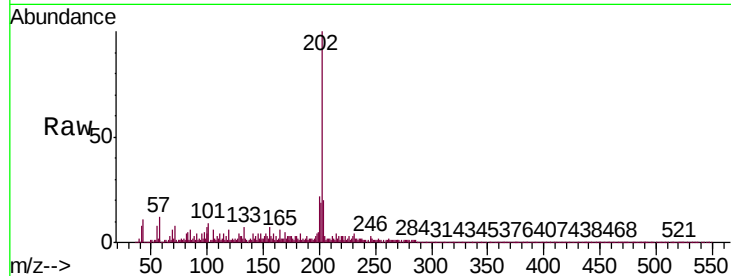




#80
 Pyrene
 Concen: 5990.314 ng/ul
 RT: 19.45 min Scan# 2816
 Delta R.T. 0.04 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

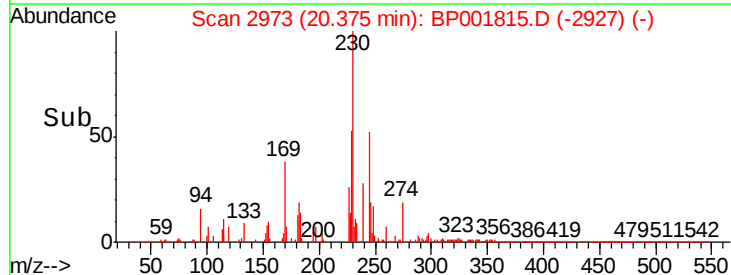
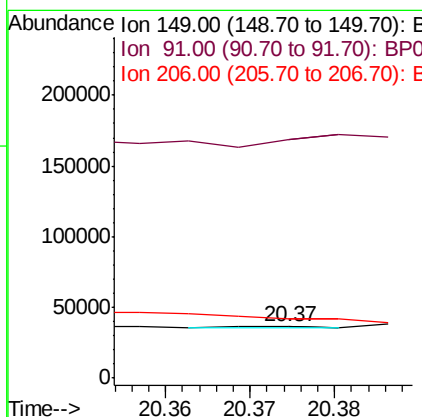
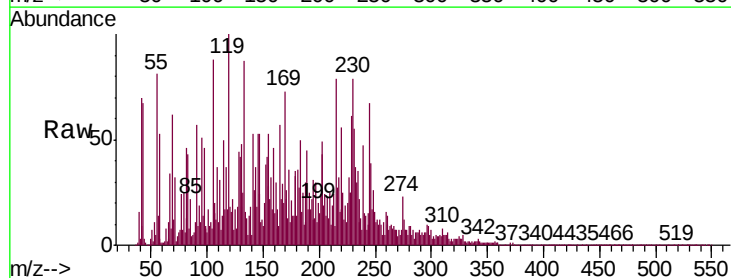
Instrument :
 BNA_P
 ClientSampleId :
 C5AT7

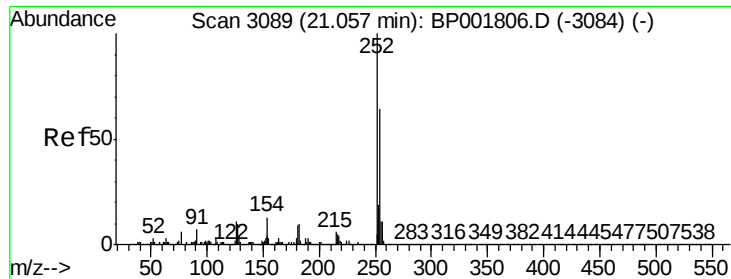
Tgt Ion: 202 Resp: 4914404
 Ion Ratio Lower Upper
 202 100
 101 8.6 10.2 15.2#
 100 6.8 8.2 12.2#



#81
 Butylbenzylphthalate
 Concen: 1.951 ng/ul
 RT: 20.37 min Scan# 2973
 Delta R.T. 0.07 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Tgt Ion: 149 Resp: 497
 Ion Ratio Lower Upper
 149 100
 91 462.1 53.0 79.4#
 206 114.0 17.6 26.4#

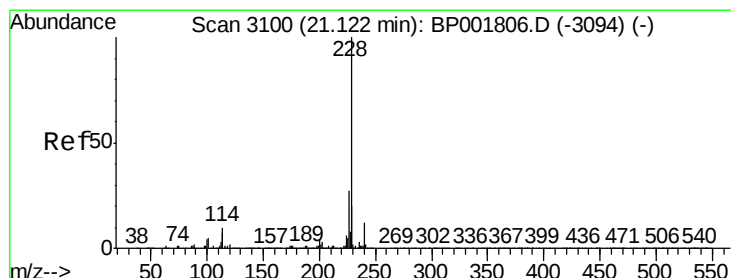
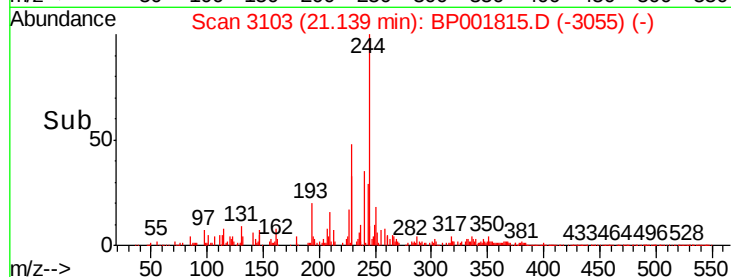
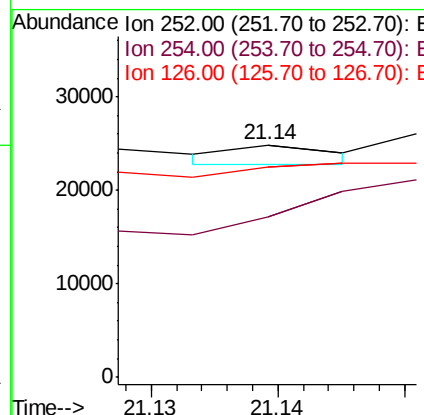
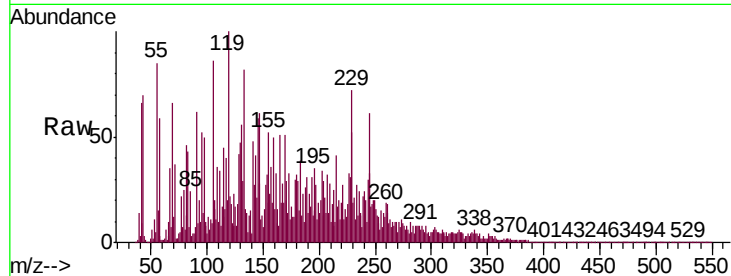




#82
 3,3'-Dichlorobenzidine
 Concen: 4.455 ng/ul
 RT: 21.14 min Scan# 3103
 Delta R.T. 0.08 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

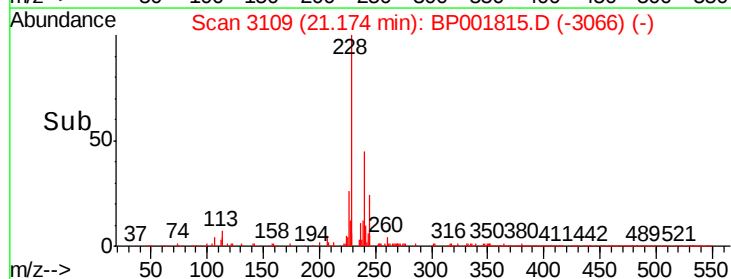
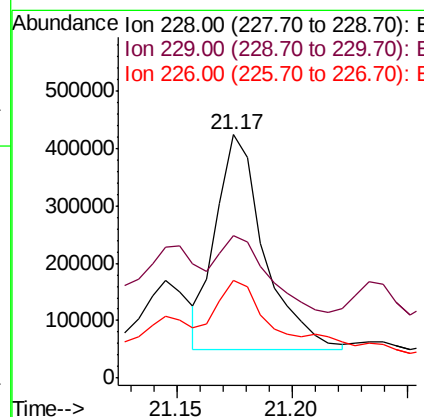
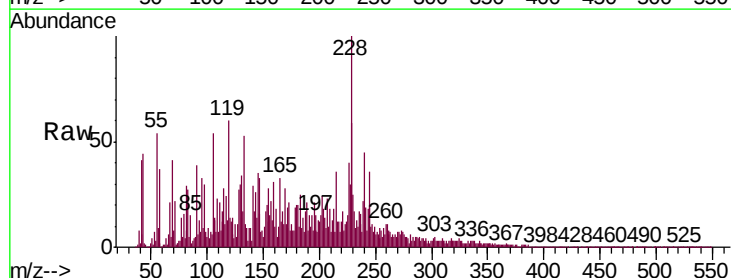
Instrument :
 BNA_P
 ClientSampleId :
 C5AT7

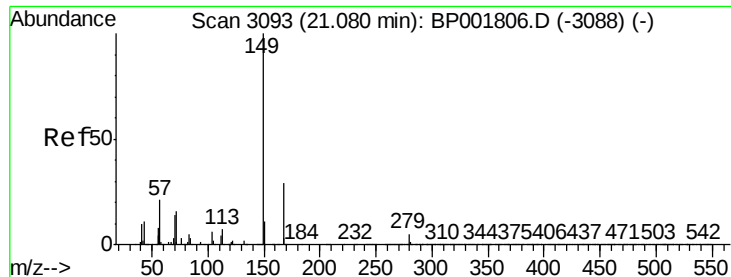
Tgt Ion:252 Resp: 1162
 Ion Ratio Lower Upper
 252 100
 254 69.0 52.6 78.8
 126 90.6 8.6 13.0#



#83
 Benzo(a)anthracene
 Concen: 691.807 ng/ul
 RT: 21.17 min Scan# 3109
 Delta R.T. 0.05 min
 Lab File: BP001815.D
 Acq: 20 Feb 2020 22:22

Tgt Ion:228 Resp: 549469
 Ion Ratio Lower Upper
 228 100
 229 58.6 16.2 24.4#
 226 40.3 22.0 33.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.270 ng/ul

RT: 21.17 min Scan# 3109

Delta R.T. 0.09 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampleId :

C5AT7

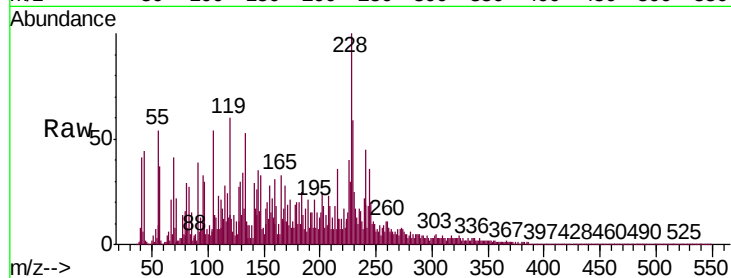
Tgt Ion:149 Resp: 2646

Ion Ratio Lower Upper

149 100

167 203.3 22.6 34.0#

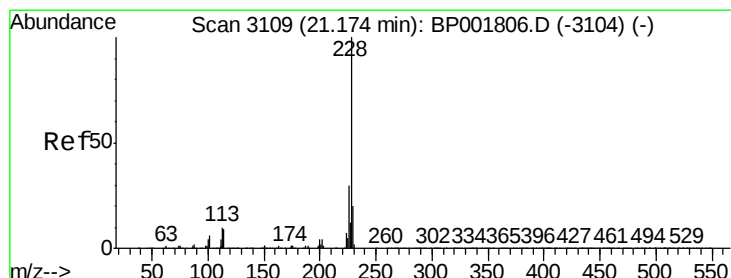
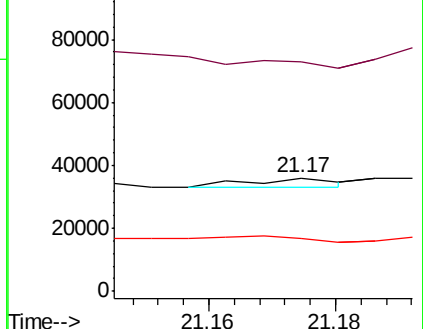
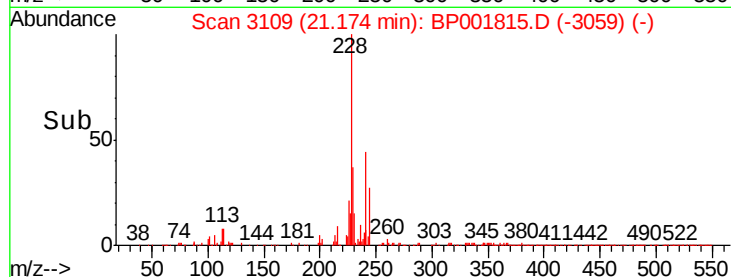
279 47.0 3.6 5.4#



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: 20.556 ng/ul

RT: 21.23 min Scan# 3119

Delta R.T. 0.06 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

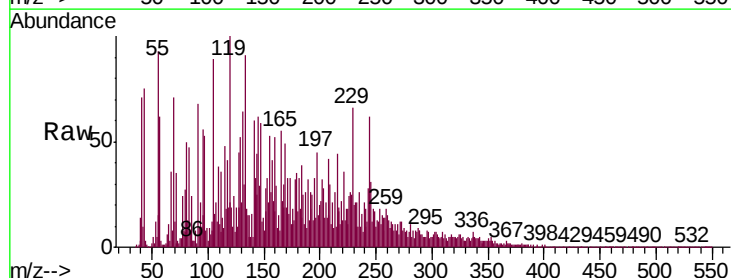
Tgt Ion:228 Resp: 15950

Ion Ratio Lower Upper

228 100

226 93.9 24.2 36.2#

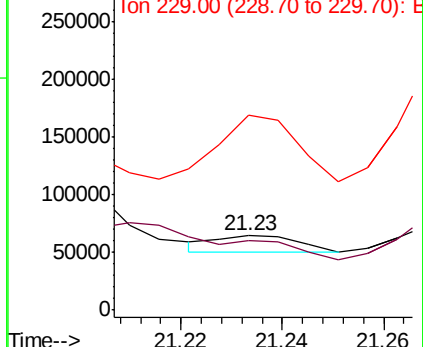
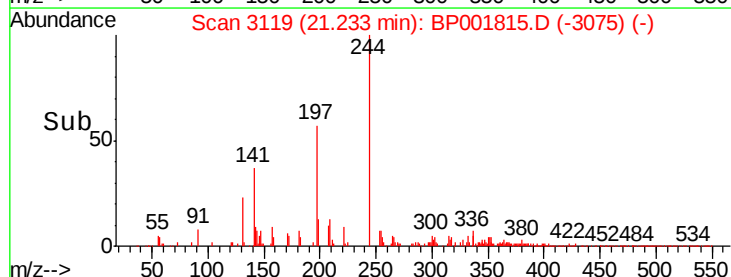
229 262.7 15.7 23.5#

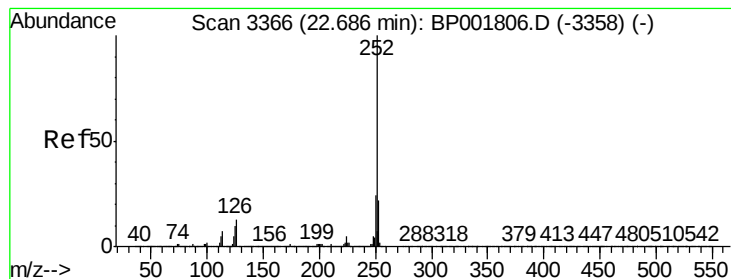


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.791 ng/ul

RT: 22.72 min Scan# 3371

Delta R.T. 0.03 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampleId :

C5AT7

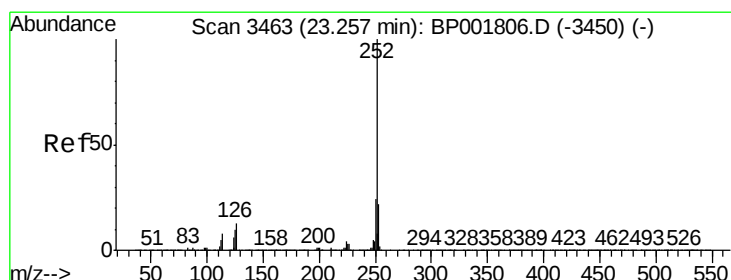
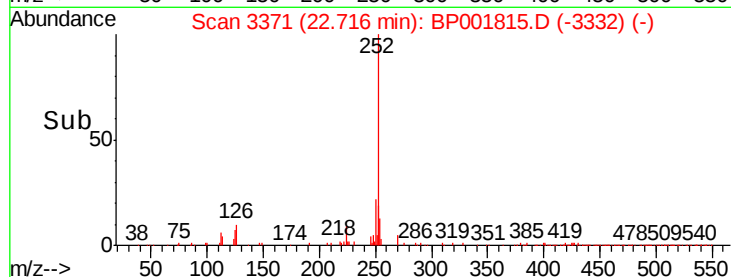
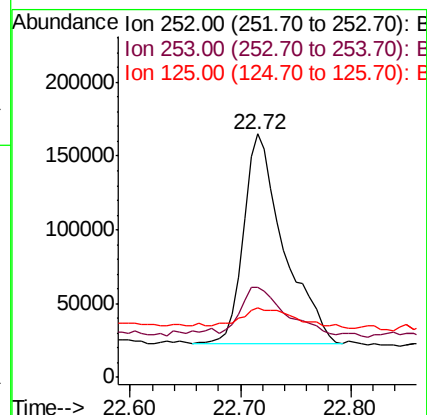
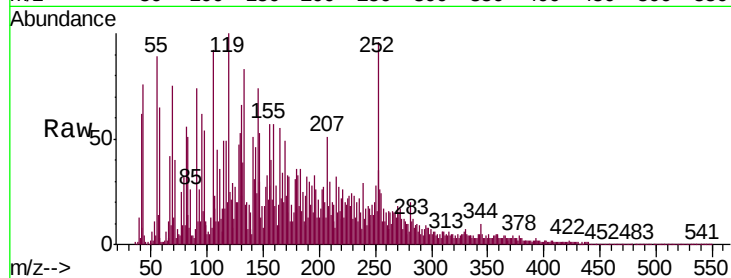
Tgt Ion:252 Resp: 364291

Ion Ratio Lower Upper

252 100

253 36.9 17.7 26.5#

125 28.4 7.8 11.6#



#91

Benzo(a)pyrene

Concen: 2.551 ng/ul

RT: 23.29 min Scan# 3468

Delta R.T. 0.03 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

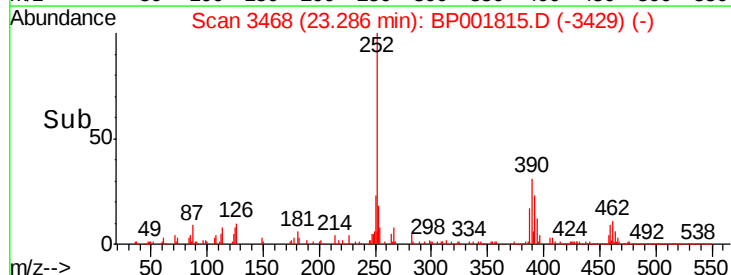
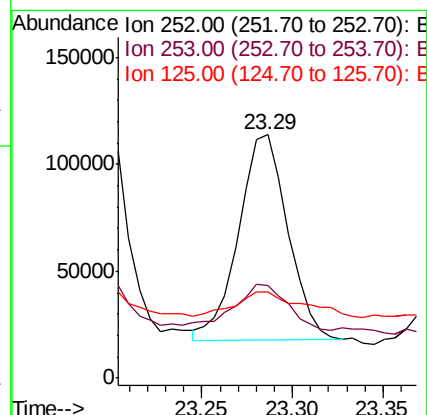
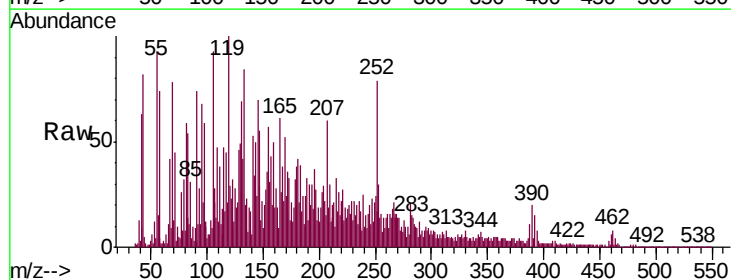
Tgt Ion:252 Resp: 181763

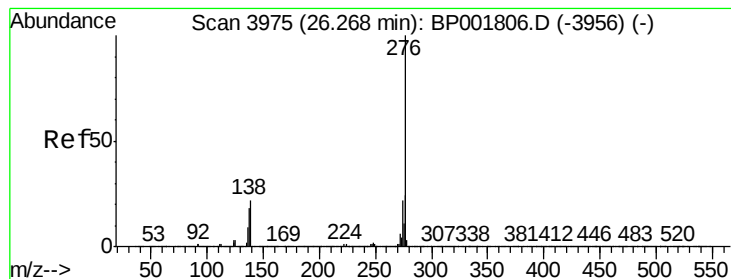
Ion Ratio Lower Upper

252 100

253 38.2 17.6 26.4#

125 35.5 8.3 12.5#





#94

Benzo(g,h,i)perylene

Concen: 1.038 ng/ul

RT: 26.31 min Scan# 3982

Delta R.T. 0.04 min

Lab File: BP001815.D

Acq: 20 Feb 2020 22:22

Instrument :

BNA_P

ClientSampleId :

C5AT7

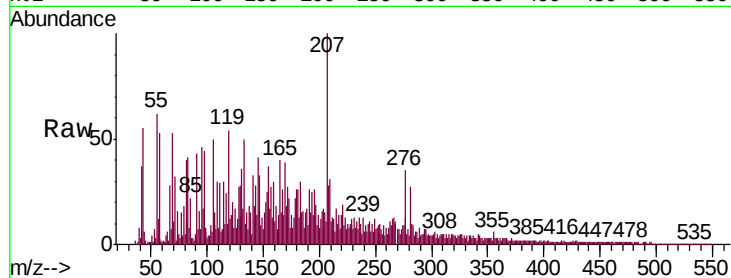
Tgt Ion: 276 Resp: 78538

Ion Ratio Lower Upper

276 100

138 34.5 17.7 26.5#

277 38.3 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

