

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001200.D
 Acq On : 04 Dec 2019 15:04
 Operator : JU
 Sample : PB125191BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 16:29:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	91864	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	370421	20.00	ng	-0.01
39) Acenaphthene-d10	13.21	164	216171	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	405945	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	326211	20.00	ng	-0.02
87) Perylene-d12	21.03	264	283284	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	750249	135.50	ng	0.00
7) Phenol-d6	7.77	99	986577	133.74	ng	0.00
23) Nitrobenzene-d5	9.20	82	562377	65.87	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	271308	130.94	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	950717	64.37	ng	-0.02
79) Terphenyl-d14	17.89	244	1116752	63.34	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	92997	35.957	ng	# 92
3) Pyridine	3.47	79	234051	32.613	ng	91
4) n-Nitrosodimethylamine	3.37	42	156166	50.286	ng	# 75
6) Aniline	7.79	93	287763	29.422	ng	# 27
8) 2-Chlorophenol	7.98	128	277079	48.366	ng	96
9) Benzaldehyde	7.61	77	126991	27.072	ng	98
10) Phenol	7.79	94	385664	45.963	ng	87
11) bis(2-Chloroethyl)ether	7.92	93	290400	44.445	ng	96
12) 1,3-Dichlorobenzene	8.22	146	291386	42.913	ng	99
13) 1,4-Dichlorobenzene	8.34	146	300694	43.960	ng	97
14) 1,2-Dichlorobenzene	8.58	146	288618	44.834	ng	98
15) Benzyl Alcohol	8.55	79	309705	51.146	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	450512	42.887	ng	99
17) 2-Methylphenol	8.74	107	243370	46.312	ng	95
18) Hexachloroethane	9.12	117	126173	44.590	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	244675	45.966	ng	93
20) 3+4-Methylphenols	8.98	107	314733	47.512	ng	97
22) Acetophenone	8.96	105	457479	42.020	ng	# 96
24) Nitrobenzene	9.23	77	371516	43.760	ng	99
25) Isophorone	9.62	82	653978	42.716	ng	99
26) 2-Nitrophenol	9.74	139	140281	45.110	ng	91
27) 2,4-Dimethylphenol	9.83	122	244497	49.636	ng	93
28) bis(2-Chloroethoxy)methane	9.99	93	372060	38.733	ng	98
29) 2,4-Dichlorophenol	10.13	162	248196	44.271	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	274670	41.947	ng	100
31) Naphthalene	10.39	128	809505	42.790	ng	99
32) Benzoic acid	10.02	122	167691	47.090	ng	97
33) 4-Chloroaniline	10.47	127	180827	22.026	ng	98
34) Hexachlorobutadiene	10.60	225	177131	43.001	ng	99
35) Caprolactam	11.05	113	82497	42.696	ng	96
36) 4-Chloro-3-methylphenol	11.29	107	294904	44.367	ng	98
37) 2-Methylnaphthalene	11.52	142	560111	43.389	ng	97
38) 1-Methylnaphthalene	11.67	142	524312	42.996	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	281262	41.286	ng	98

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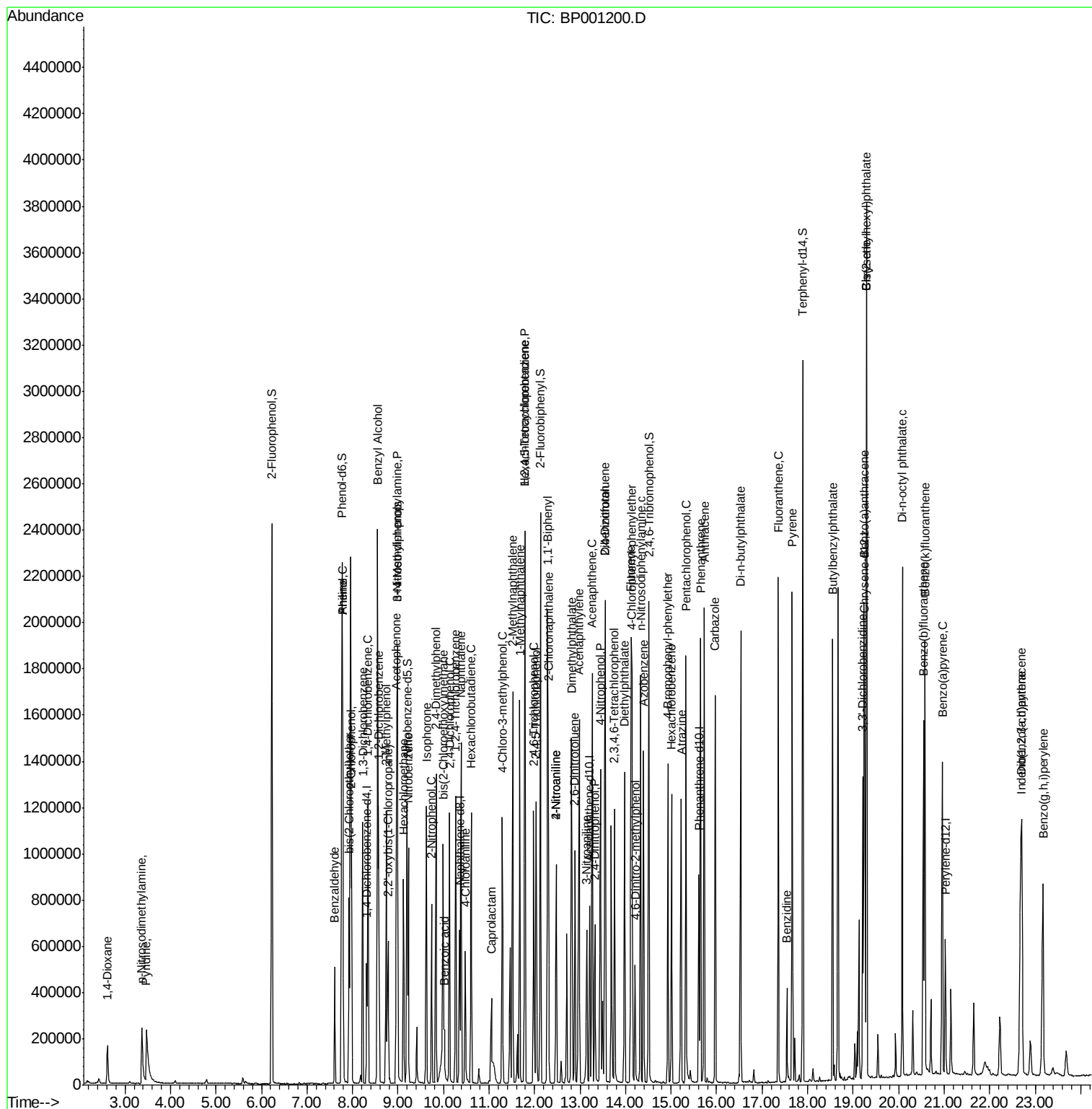
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	228751	72.786	nq	100
43) 2,4,6-Trichlorophenol	11.98	196	191788	43.117	nq	97
44) 2,4,5-Trichlorophenol	12.04	196	200247	43.449	nq	96
46) 1,1'-Biphenyl	12.29	154	680289	40.720	nq	100
47) 2-Chloronaphthalene	12.30	162	528957	39.638	nq	97
48) 2-Nitroaniline	12.47	65	216395	41.375	nq	97
49) Acenaphthylene	12.98	152	835321	41.760	nq	99
50) Dimethylphthalate	12.81	163	651809	40.316	nq	100
51) 2,6-Dinitrotoluene	12.89	165	141866	40.991	nq #	84
52) Acenaphthene	13.27	154	483737	40.202	nq	99
53) 3-Nitroaniline	13.15	138	107154	27.562	nq	93
54) 2,4-Dinitrophenol	13.33	184	93642	67.464	nq	88
55) Dibenzofuran	13.55	168	763473	42.225	nq	96
56) 4-Nitrophenol	13.45	139	235343	85.428	nq #	78
57) 2,4-Dinitrotoluene	13.55	165	188573	43.469	nq #	83
58) Fluorene	14.12	166	607128	41.904	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	163042	43.036	nq #	94
60) Diethylphthalate	13.98	149	677404	40.465	nq	100
61) 4-Chlorophenyl-phenylether	14.13	204	307001	41.611	nq	97
62) 4-Nitroaniline	12.47	138	172143	38.191	nq	92
63) Azobenzene	14.39	77	752475	41.584	nq	95
65) 4,6-Dinitro-2-methylphenol	14.21	198	68685	40.569	nq	96
66) n-Nitrosodiphenylamine	14.33	169	521525	42.282	nq	100
67) 4-Bromophenyl-phenylether	14.93	248	182949	41.511	nq	90
68) Hexachlorobenzene	15.02	284	202361	41.765	nq	97
69) Atrazine	15.22	200	186133	49.424	nq	99
70) Pentachlorophenol	15.33	266	239682	94.912	nq	98
71) Phenanthrene	15.65	178	917780	43.004	nq	99
72) Anthracene	15.73	178	925937	44.018	nq	99
73) Carbazole	15.97	167	838280	43.794	nq	99
74) Di-n-butylphthalate	16.53	149	1098950	42.701	nq	99
75) Fluoranthene	17.36	202	1018844	45.094	nq	97
77) Benzidine	17.55	184	171284	20.336	nq	98
78) Pyrene	17.66	202	1034421	40.261	nq	100
80) Butylbenzylphthalate	18.55	149	474166	39.956	nq	99
81) Benzo(a)anthracene	19.25	228	917987	40.588	nq	99
82) 3,3'-Dichlorobenzidine	19.21	252	292941	39.206	nq	98
83) Chrysene	19.29	228	845401	41.742	nq	100
84) Bis(2-ethylhexyl)phthalate	19.30	149	647135	39.663	nq	99
85) Di-n-octyl phthalate	20.08	149	1138843	39.292	nq	98
86) Indeno(1,2,3-cd)pyrene	22.68	276	935111	39.177	nq	97
88) Benzo(b)fluoranthene	20.55	252	890201	51.448	nq	99
89) Benzo(k)fluoranthene	20.58	252	817263	49.040	nq	98
90) Benzo(a)pyrene	20.96	252	769755	48.298	nq	98
91) Dibenzo(a,h)anthracene	22.71	278	786509	50.427	nq	98
92) Benzo(g,h,i)perylene	23.17	276	787058	51.104	nq	96

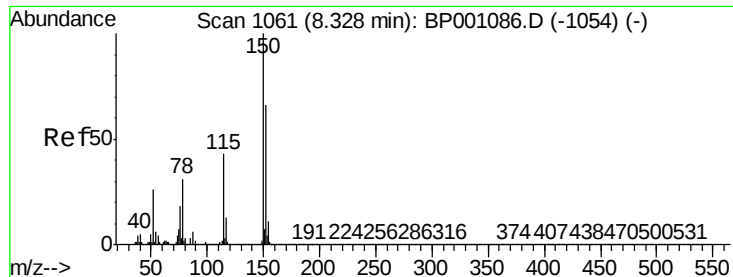
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampleId :

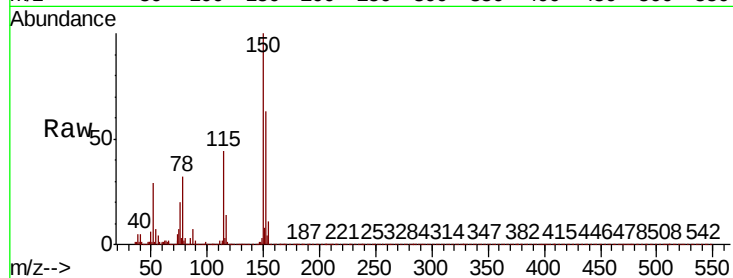
Tot Ion:152 Resp: 91864

Ion Ratio Lower Upper

152 100

150 158.9 120.6 181.0

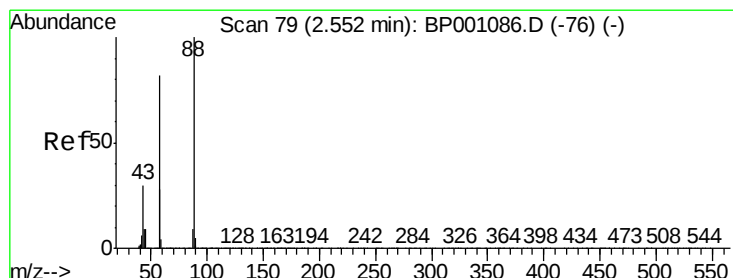
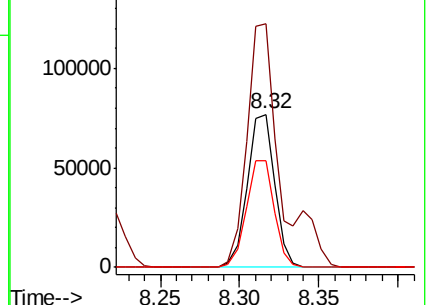
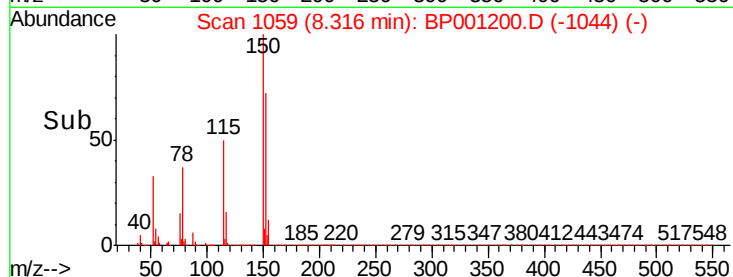
115 69.6 51.6 77.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.957 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.06 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

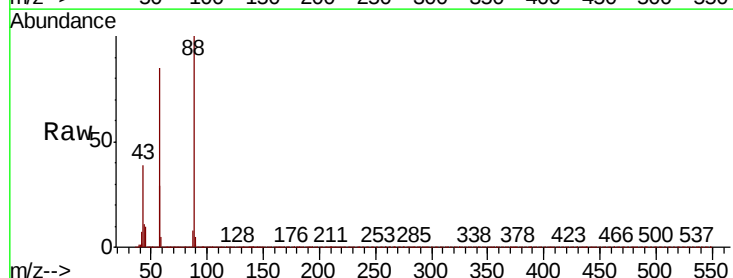
Tgt Ion: 88 Resp: 92997

Ion Ratio Lower Upper

88 100

58 85.7 64.3 96.5

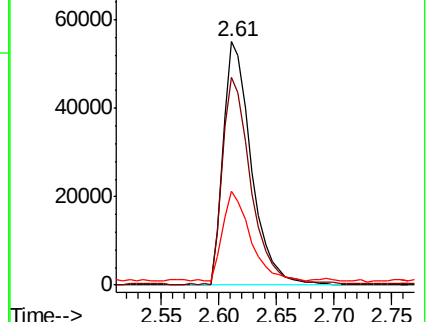
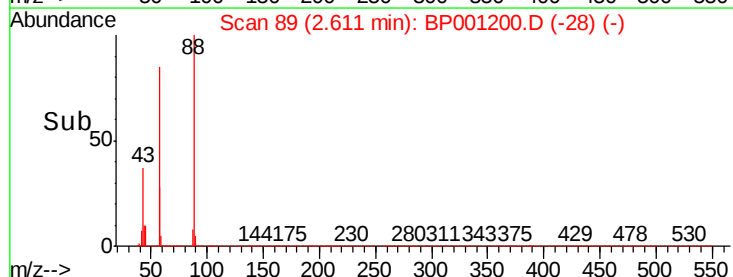
43 36.0 23.8 35.6#

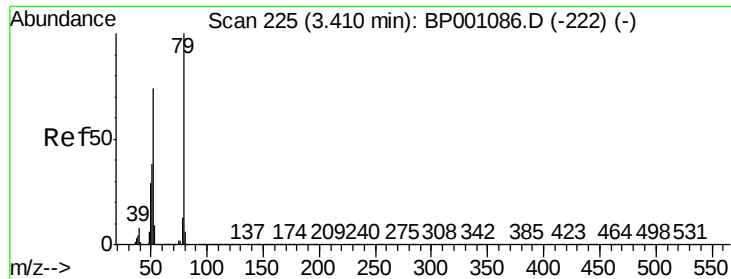


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

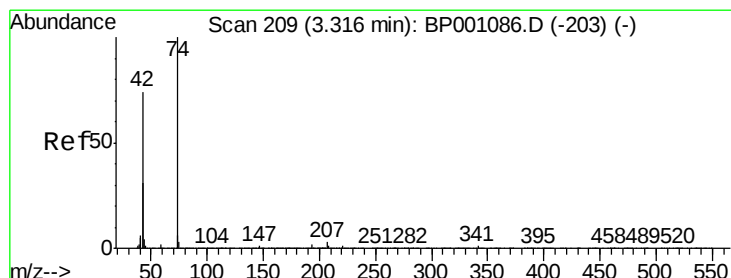
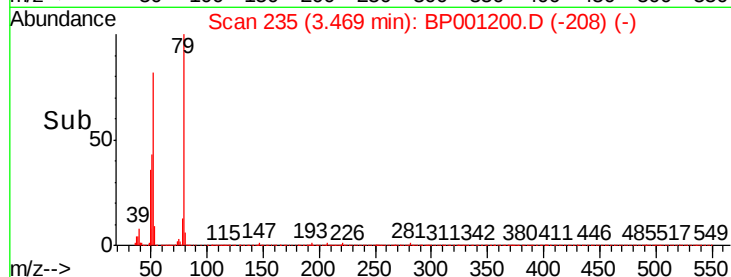
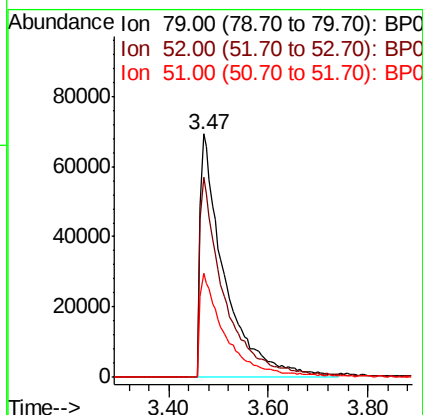
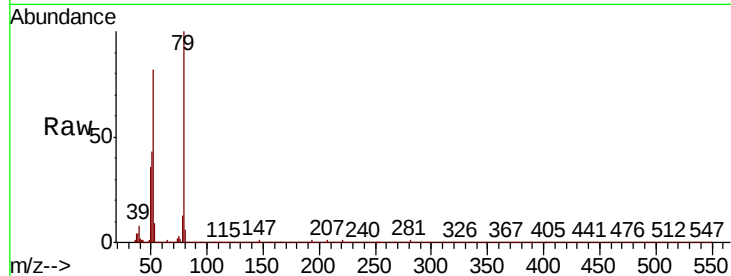




#3
 Pvridine
 Concen: 32.613 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.06 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

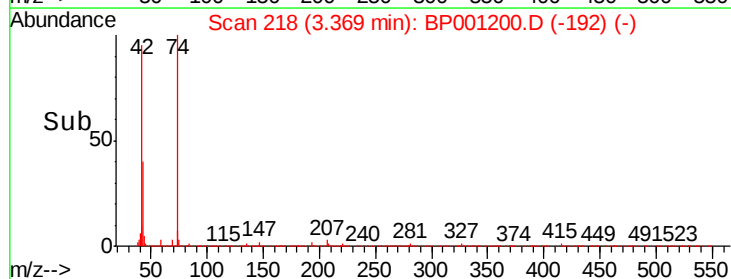
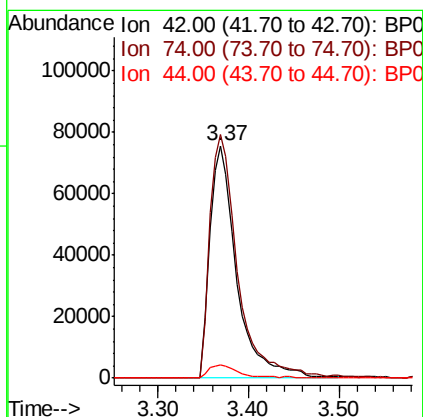
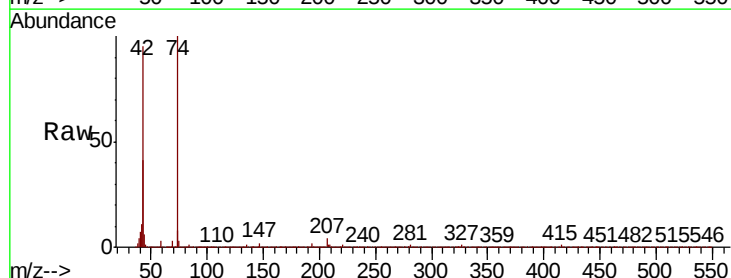
Instrument :
 BNA_P
 ClientSampleId :

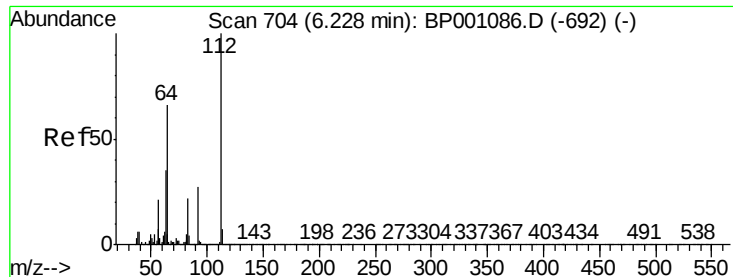
Tot Ion: 79 Resp: 234051
 Ion Ratio Lower Upper
 79 100
 52 82.1 59.4 89.2
 51 42.9 30.2 45.4



#4
 n-Nitrosodimethylamine
 Concen: 50.286 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.05 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

Tgt Ion: 42 Resp: 156166
 Ion Ratio Lower Upper
 42 100
 74 104.7 108.6 163.0#
 44 5.8 5.1 7.7





#5

2-Fluorophenol

Concen: 135.496 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampleId :

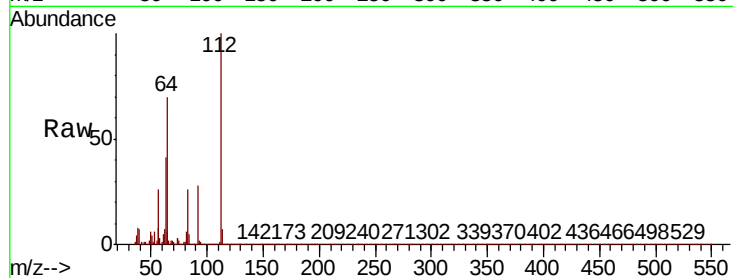
Tot Ion: 112 Resp: 750249

Ion Ratio Lower Upper

112 100

64 70.3 52.8 79.2

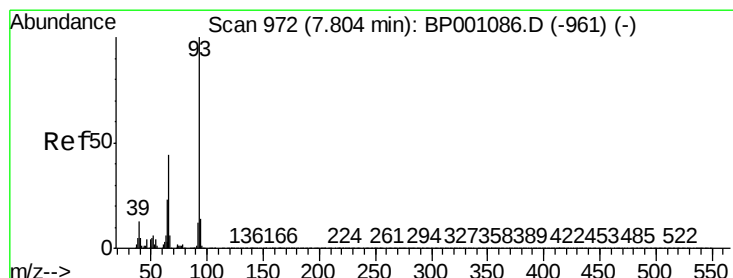
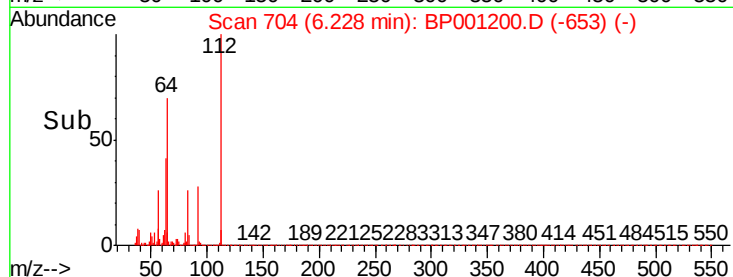
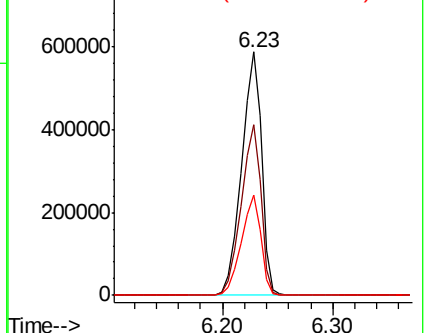
63 41.3 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 29.422 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

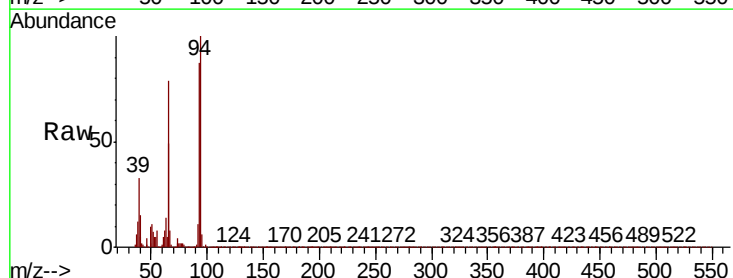
Tgt Ion: 93 Resp: 287763

Ion Ratio Lower Upper

93 100

66 91.4 34.9 52.3#

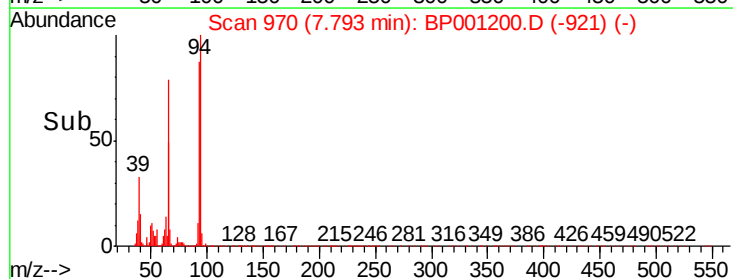
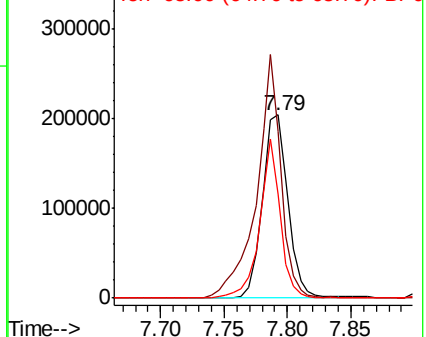
65 57.2 18.5 27.7#

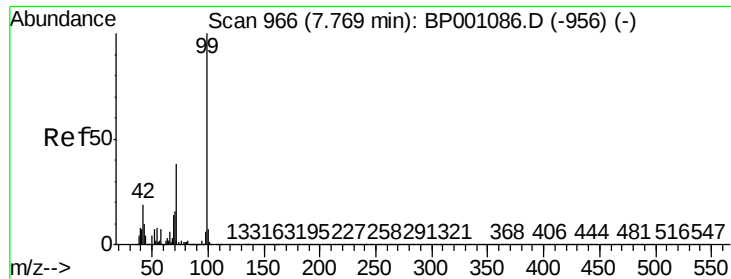


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 133.742 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

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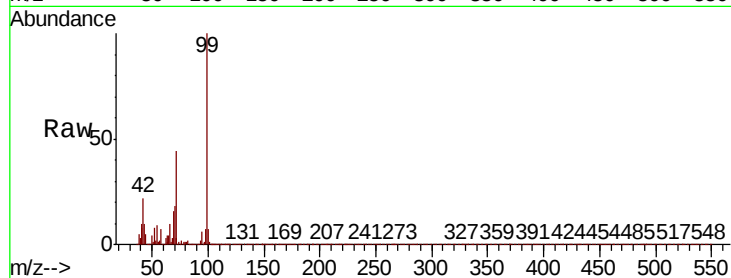
Tot Ion: 99 Resp: 986577

Ion Ratio Lower Upper

99 100

42 21.7 15.4 23.0

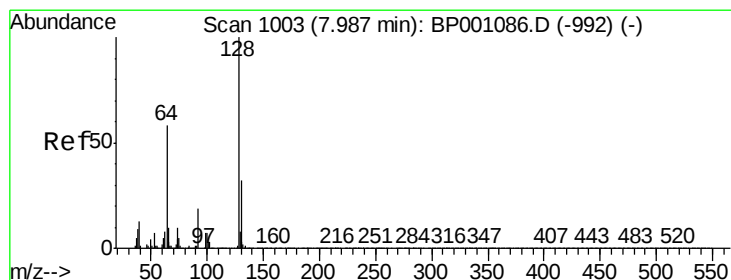
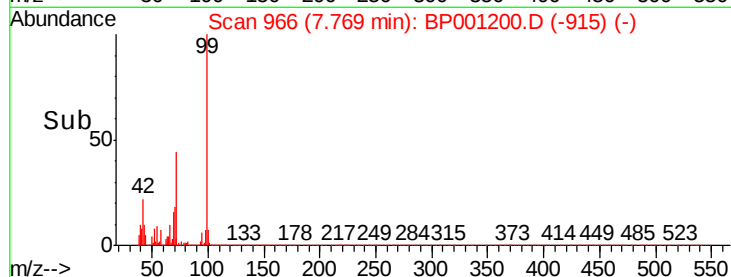
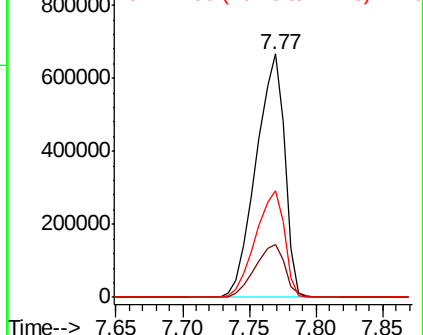
71 43.7 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 48.366 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

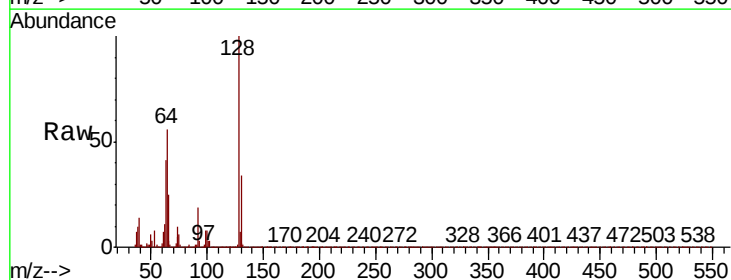
Tgt Ion: 128 Resp: 277079

Ion Ratio Lower Upper

128 100

130 33.6 11.7 51.7

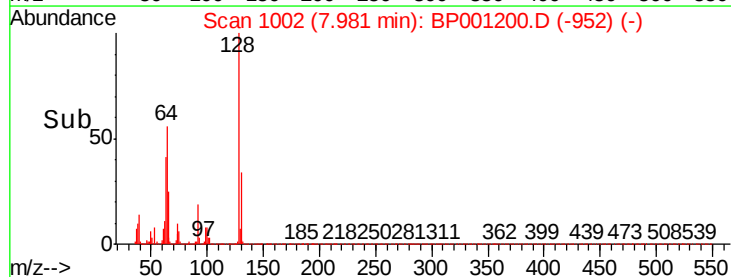
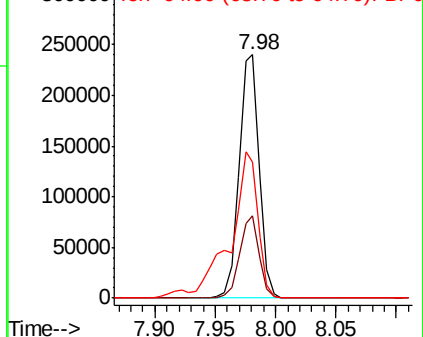
64 55.9 39.7 79.7

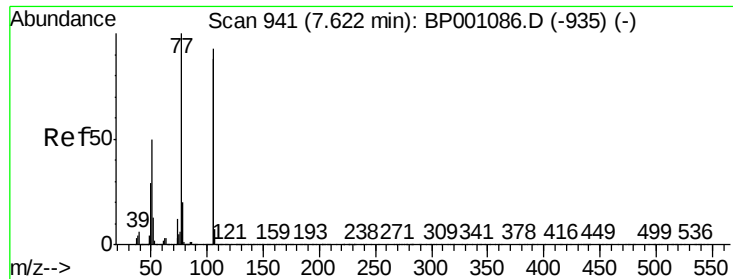


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 27.072 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampled :

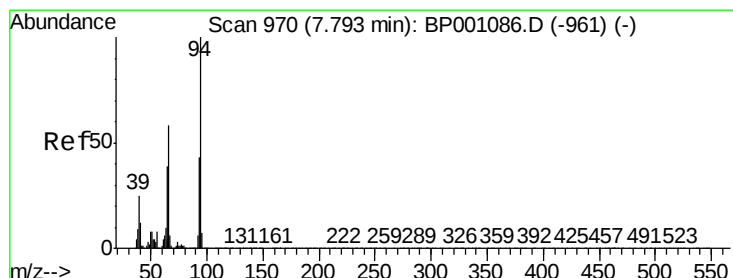
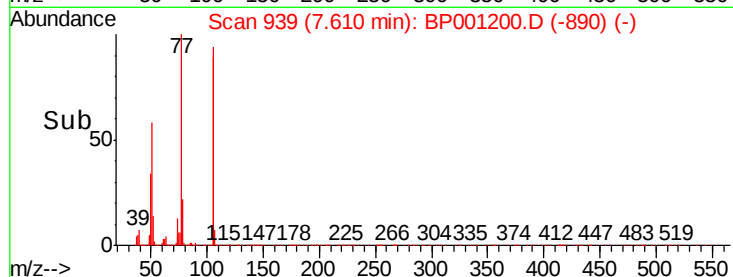
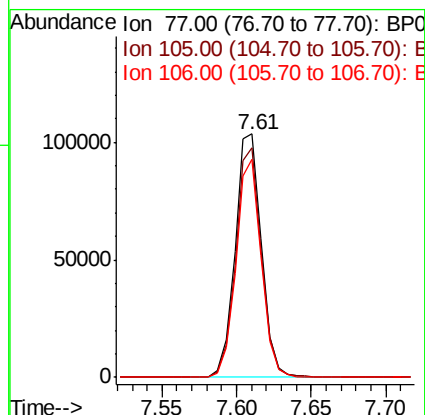
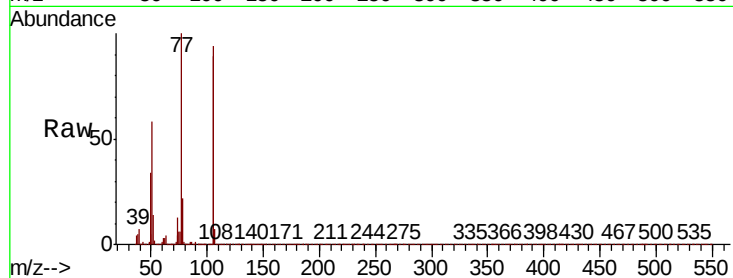
Tot Ion: 77 Resp: 126991

Ion Ratio Lower Upper

77 100

105 94.2 72.5 112.5

106 89.5 67.6 107.6



#10

Phenol

Concen: 45.963 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

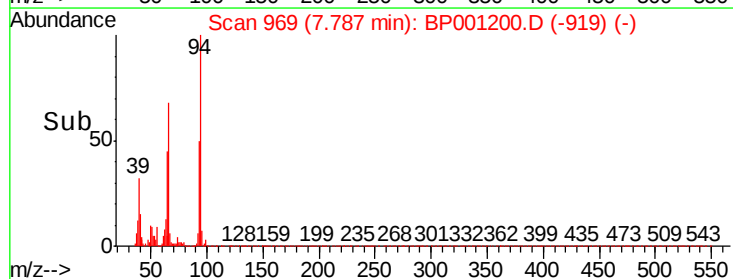
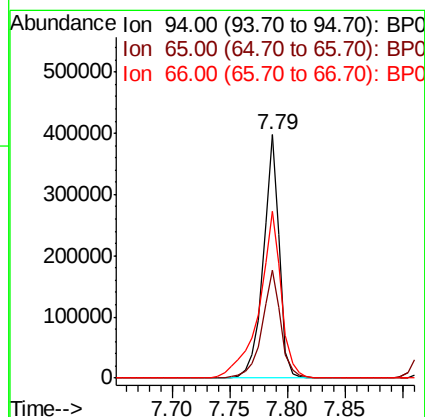
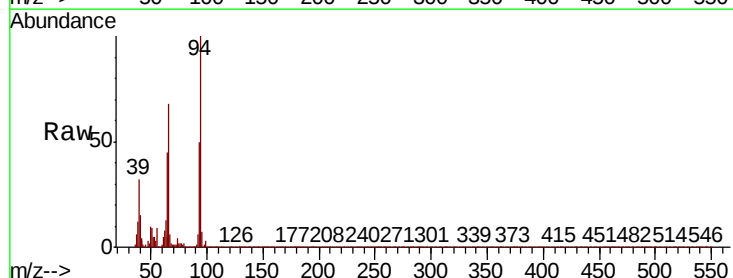
Tgt Ion: 94 Resp: 385664

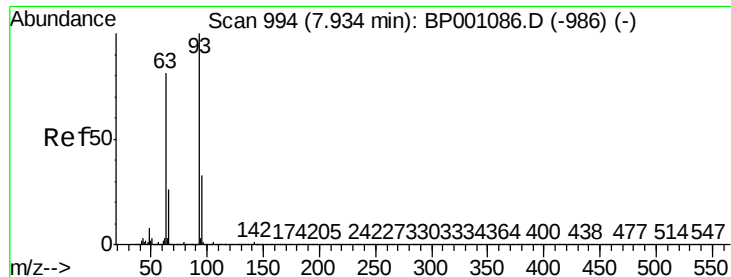
Ion Ratio Lower Upper

94 100

65 44.5 18.6 58.6

66 68.3 37.6 77.6

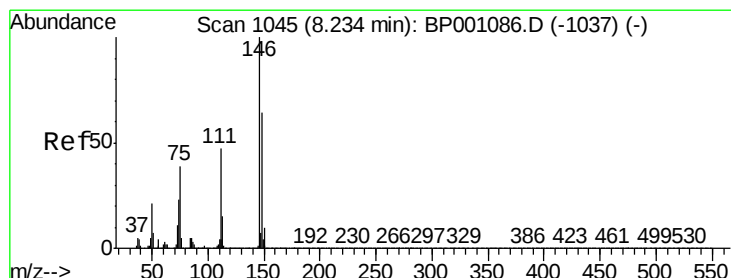
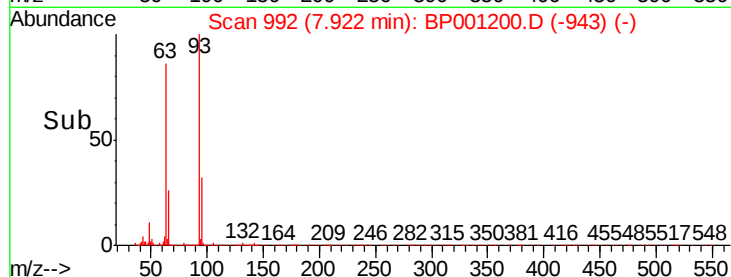
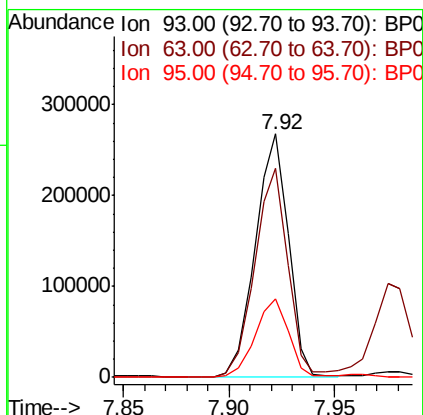
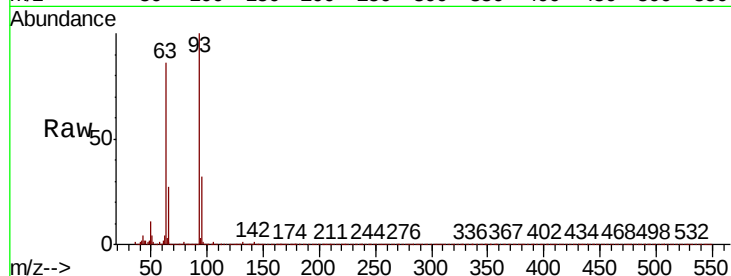




#11
bis(2-Chloroethyl)ether
Concen: 44.445 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

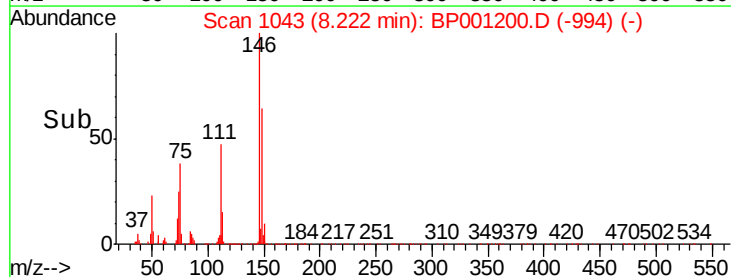
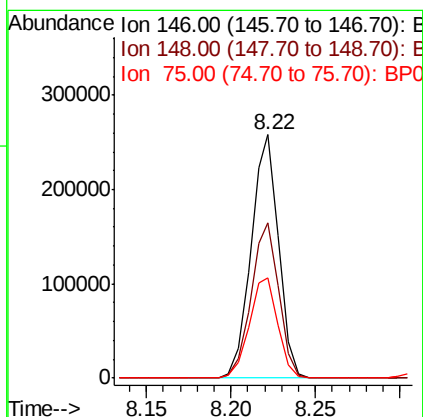
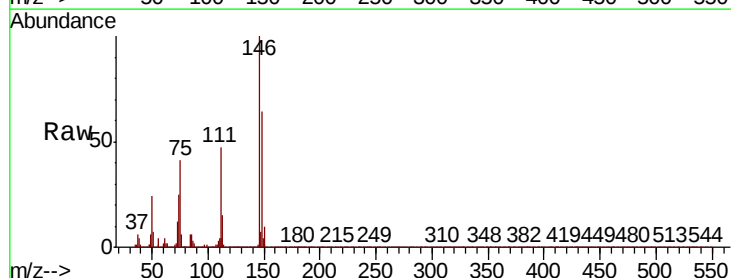
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	60.7	100.7
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.913 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
75	41.0	31.3	46.9

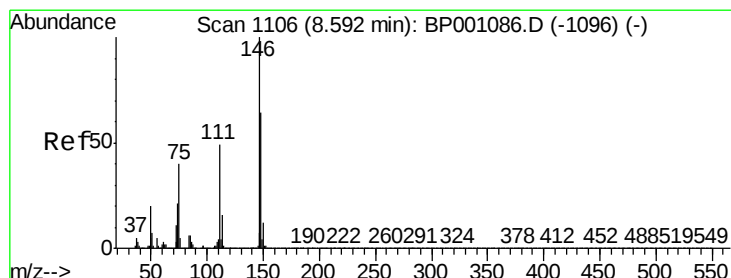
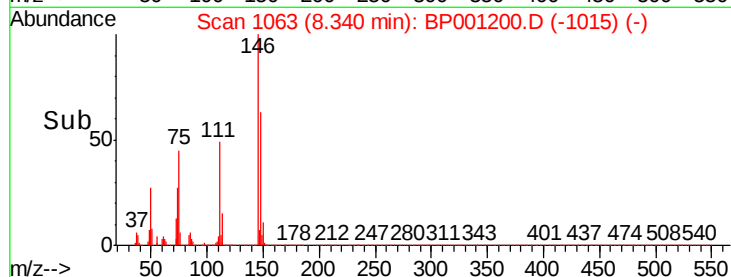
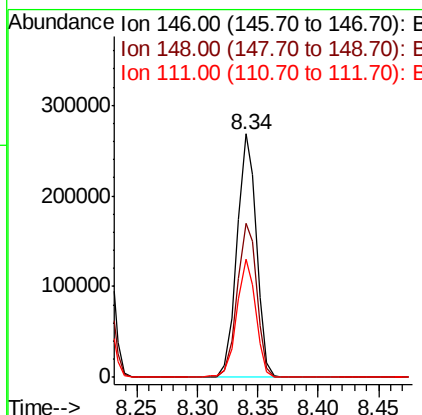
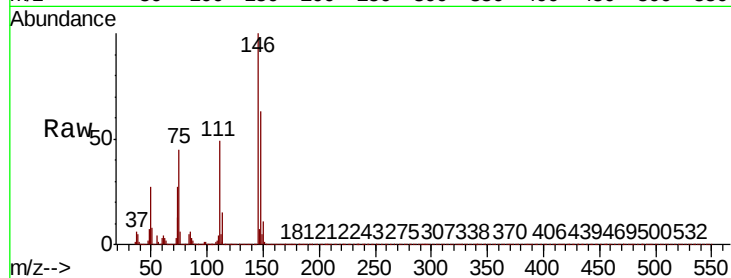




#13
1,4-Dichlorobenzene
Concen: 43.960 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

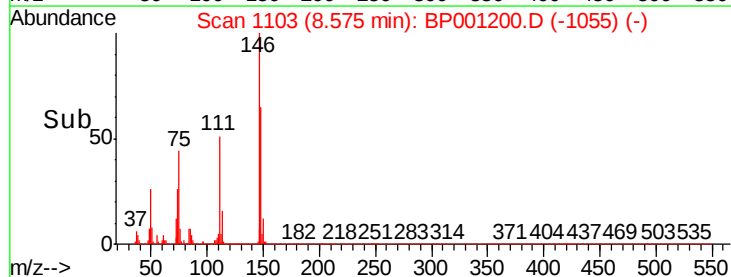
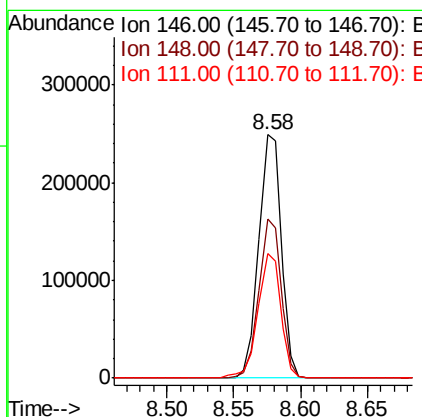
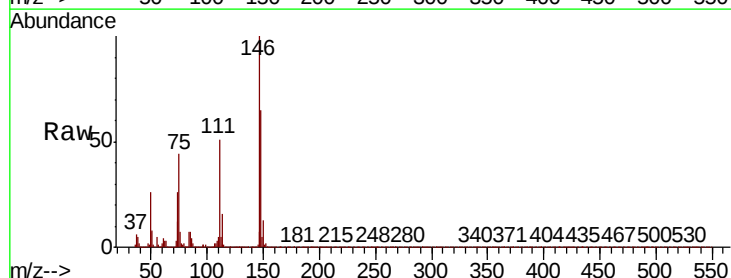
Instrument :
BNA_P
ClientSampleId :

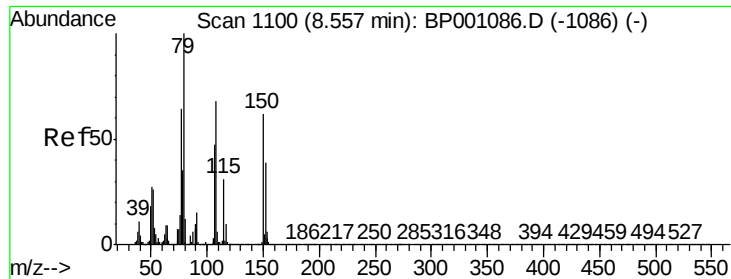
Tot Ion:146 Resp: 300694
Ion Ratio Lower Upper
146 100
148 63.0 51.6 77.4
111 48.6 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 44.834 ng
RT: 8.58 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:146 Resp: 288618
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 51.1 39.3 58.9

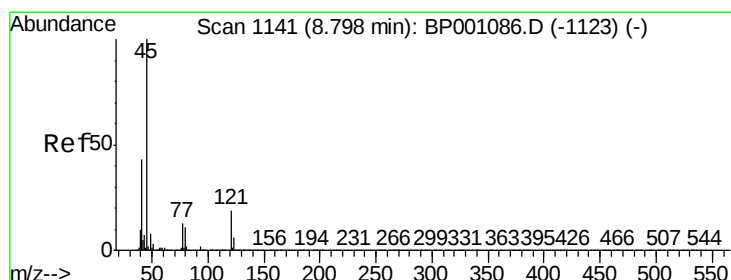
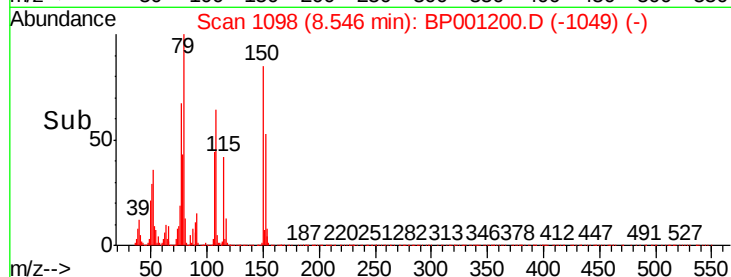
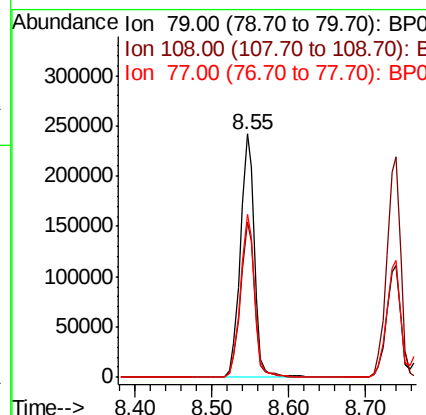
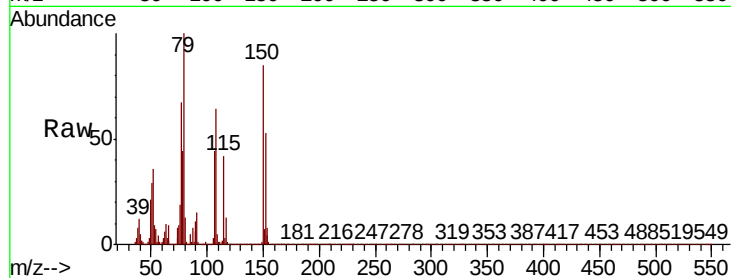




#15
Benzyl Alcohol
Concen: 51.146 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

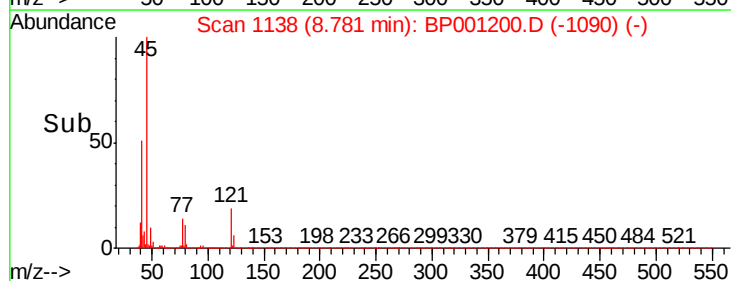
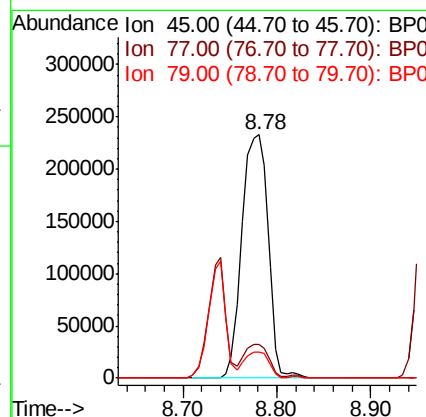
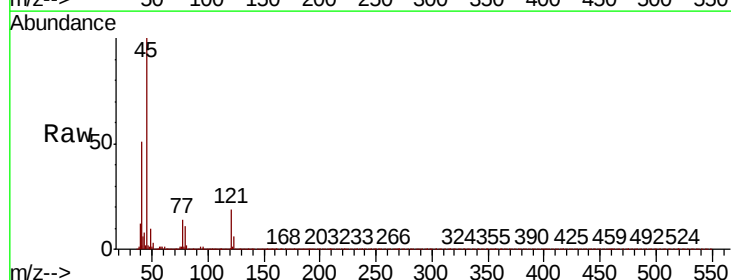
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.0	54.8	82.2
77	66.8	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.887 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.3
79	10.7	0.0	30.9

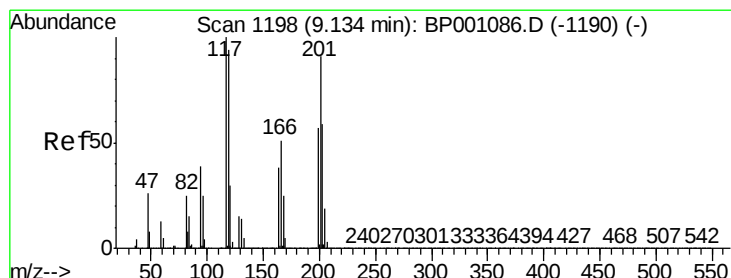
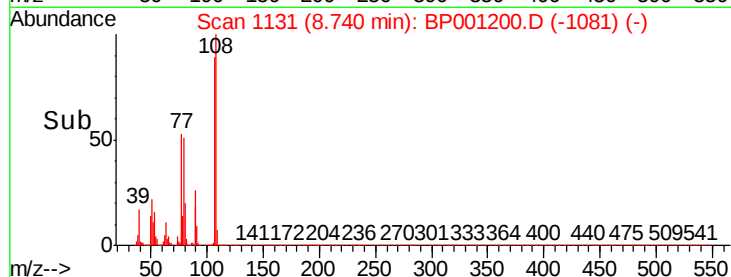
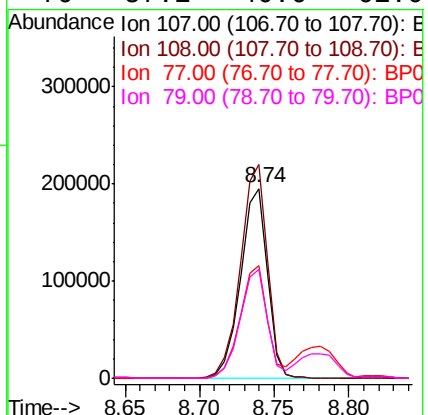
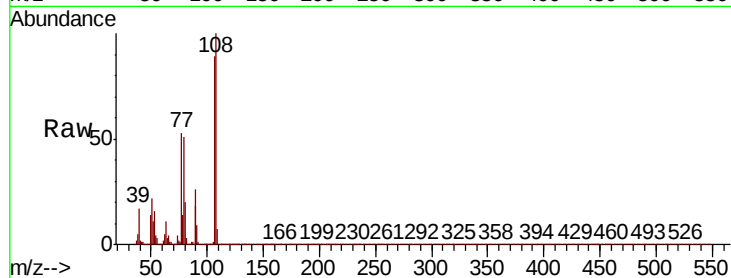




#17
2-Methylphenol
Concen: 46.312 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

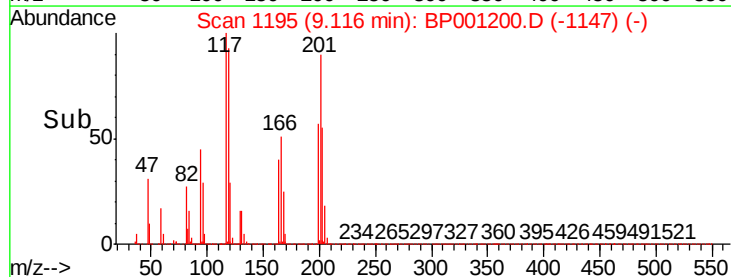
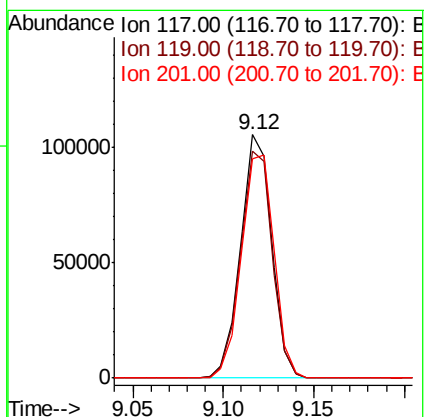
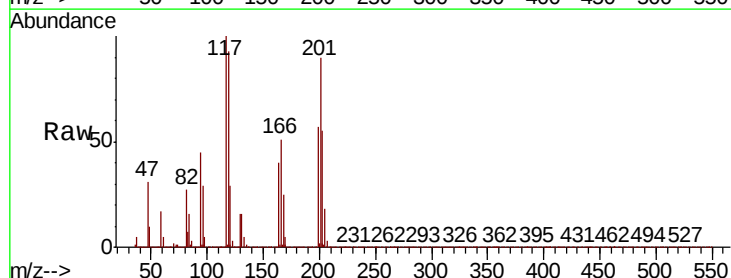
Instrument :
BNA_P
ClientSampleId :

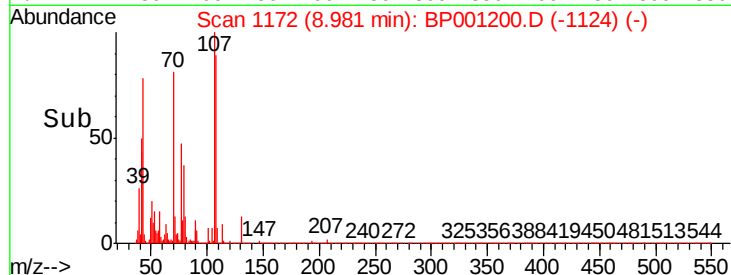
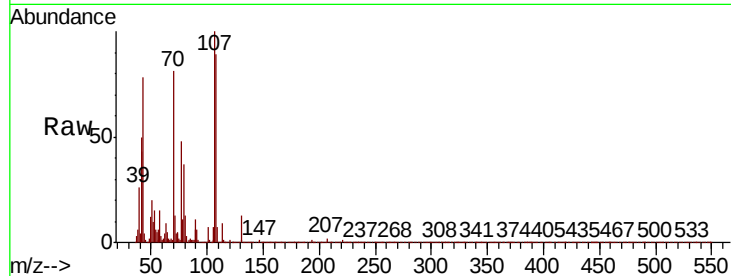
Tot Ion:	107	Resp:	243370
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.6
77	59.2	41.4	62.2
79	57.1	40.6	61.0



#18
Hexachloroethane
Concen: 44.590 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:	117	Resp:	126173
Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.2	112.8
201	89.9	72.5	108.7

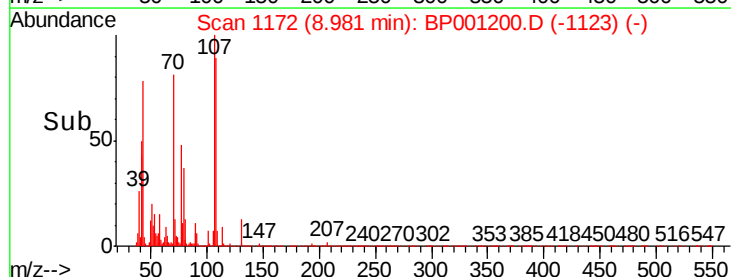
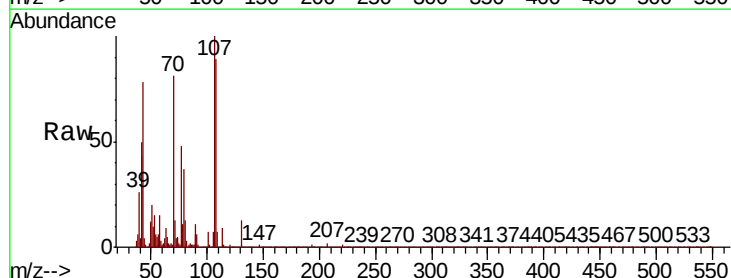
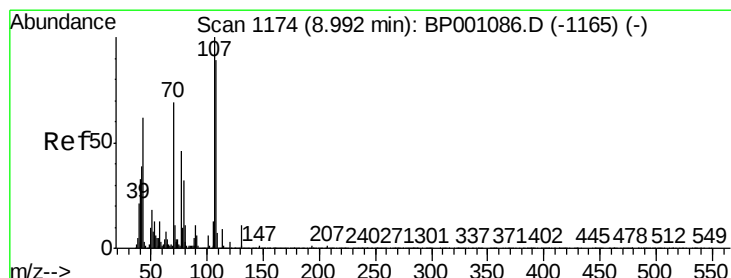
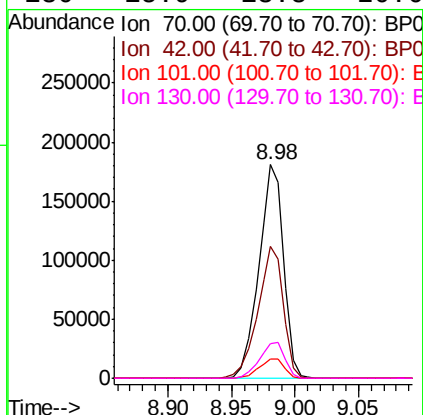




#19
n-Nitroso-di-n-propylamine
Concen: 45.966 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

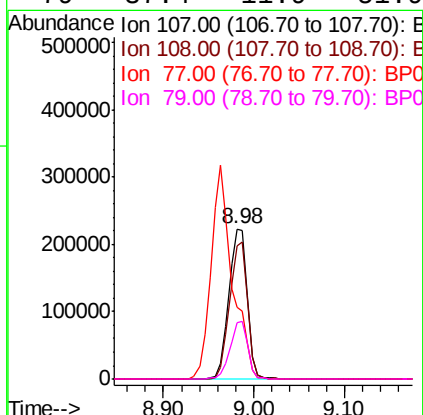
Instrument :
BNA_P
ClientSampleId :

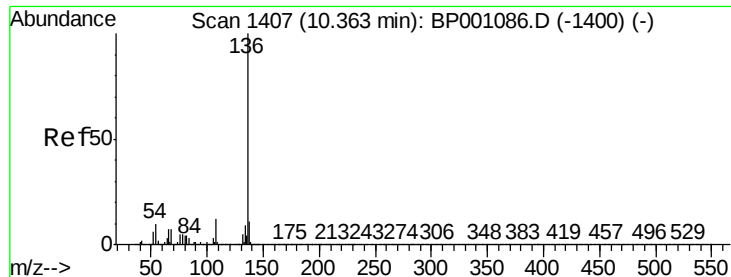
Tot Ion:	70	Resp:	244675
Ion	Ratio	Lower	Upper
70	100		
42	62.0	44.6	66.8
101	9.1	7.1	10.7
130	15.9	13.8	20.6



#20
3+4-Methylphenols
Concen: 47.512 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:	107	Resp:	314733
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.9	108.9
77	47.6	25.9	65.9
79	37.4	11.9	51.9

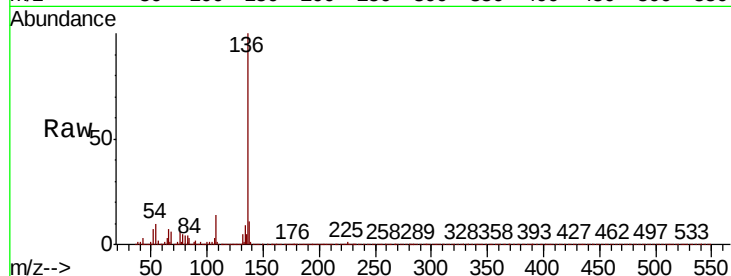




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	370421
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	10.1	7.9 11.9
68	6.0	5.6 8.4



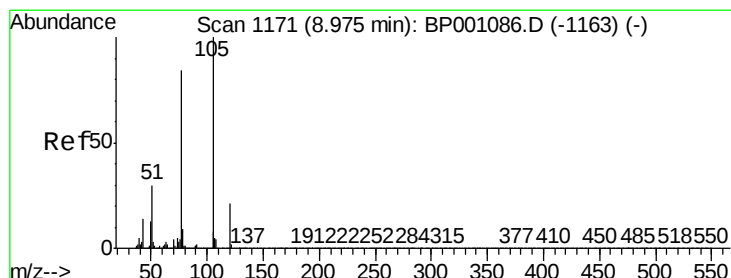
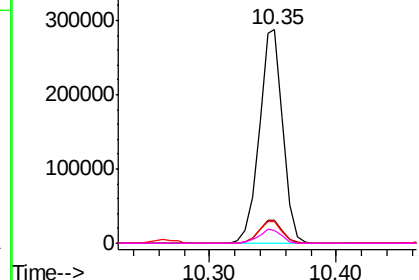
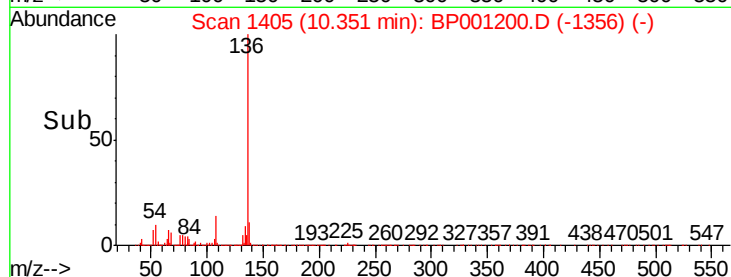
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

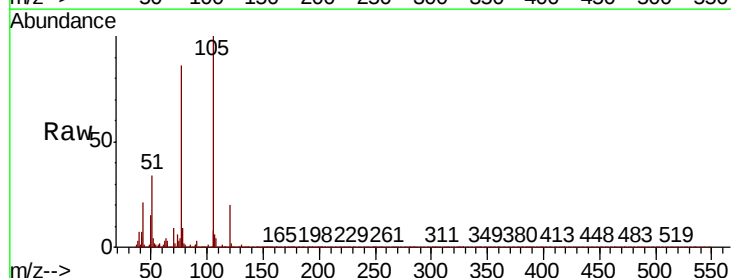
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22
Acetophenone
Concen: 42.020 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:105	Resp:	457479
Ion	Ratio	Lower Upper
105	100	
71	1.5	0.5 0.7#
51	33.9	24.2 36.4
120	20.3	16.4 24.6



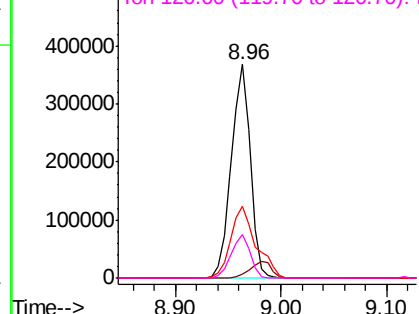
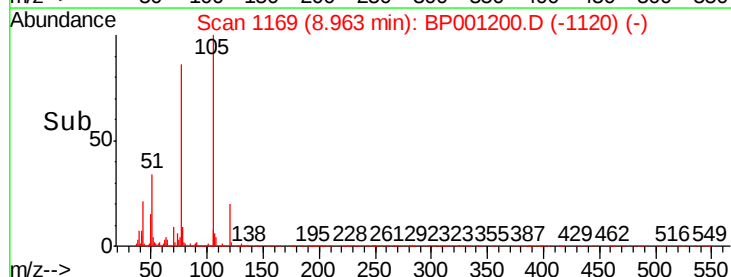
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

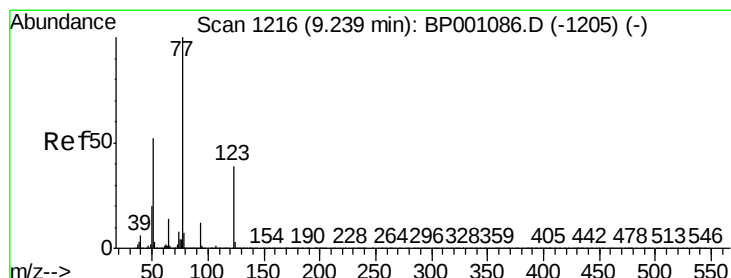
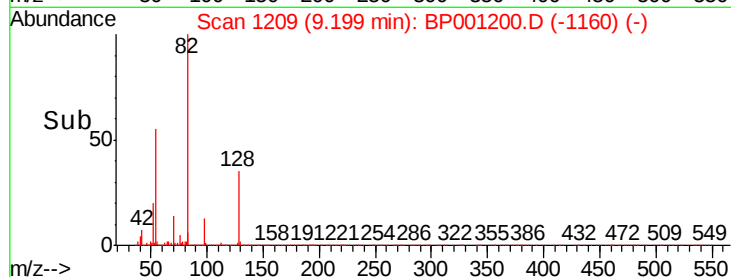
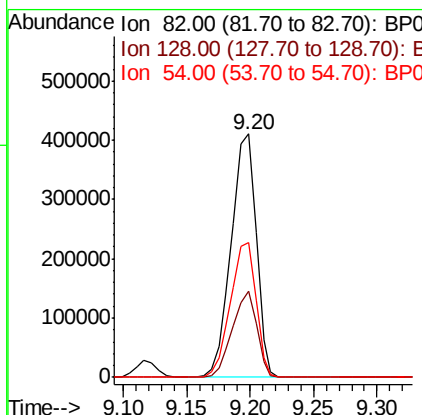
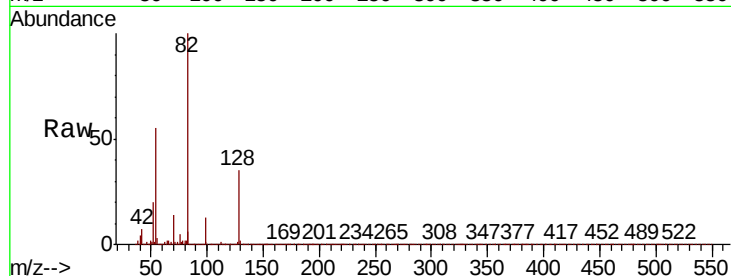




#23
 Nitrobenzene-d5
 Concen: 65.869 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

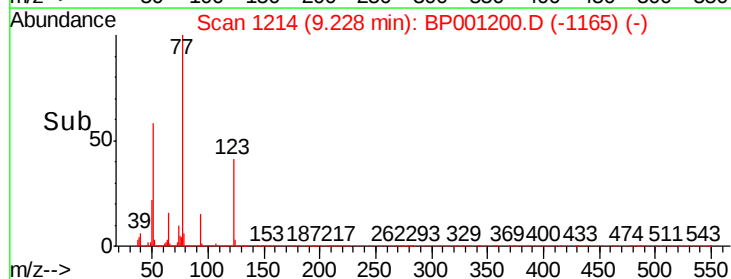
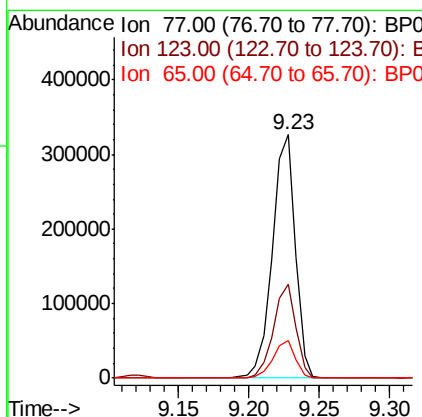
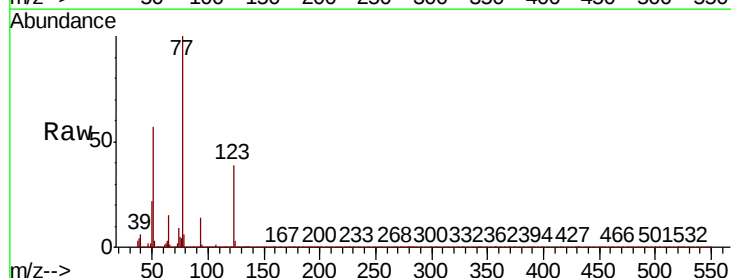
Instrument :
 BNA_P
 ClientSampled :

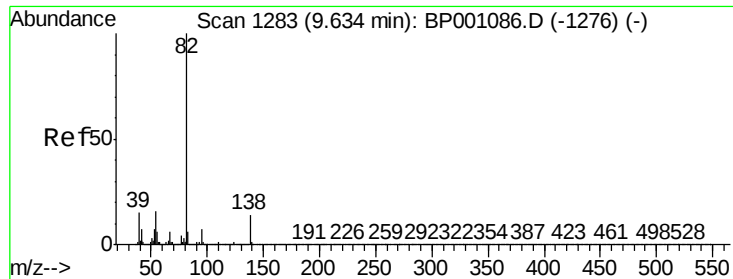
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	55.2	41.9	62.9



#24
 Nitrobenzene
 Concen: 43.760 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	31.0	46.4
65	15.5	11.0	16.6





#25

Isophorone

Concen: 42.716 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampleId :

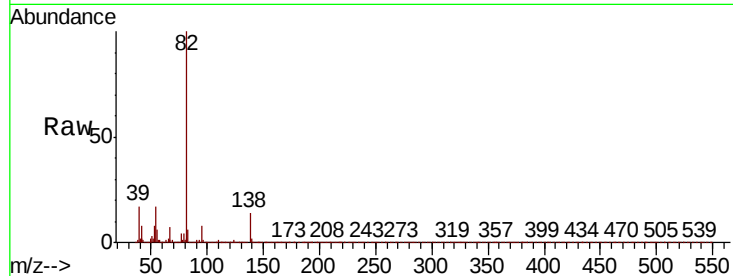
Tot Ion: 82 Resp: 653978

Ion Ratio Lower Upper

82 100

95 8.4 5.7 8.5

138 14.2 11.3 16.9



Abundance Ion 82.00 (81.70 to 82.70): BP001086.D (-1276) (-)

Ion 95.00 (94.70 to 95.70): BP001086.D (-1276) (-)

Ion 138.00 (137.70 to 138.70): BP001086.D (-1276) (-)

9.62

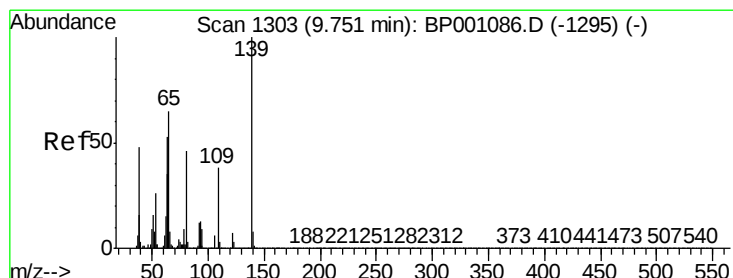
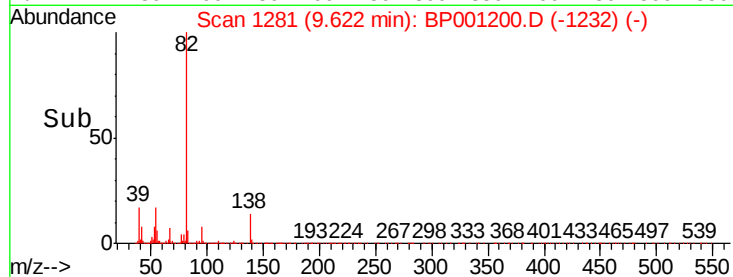
400000

200000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#26

2-Nitrophenol

Concen: 45.110 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

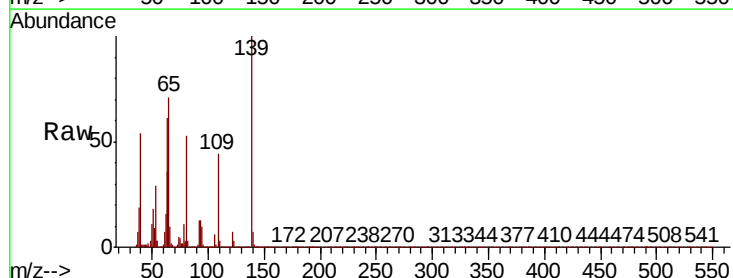
Tgt Ion: 139 Resp: 140281

Ion Ratio Lower Upper

139 100

109 44.0 30.6 45.8

65 71.1 51.8 77.8



Abundance Ion 139.00 (138.70 to 139.70): BP001086.D (-1295) (-)

Ion 109.00 (108.70 to 109.70): BP001086.D (-1295) (-)

Ion 65.00 (64.70 to 65.70): BP001086.D (-1295) (-)

9.74

150000

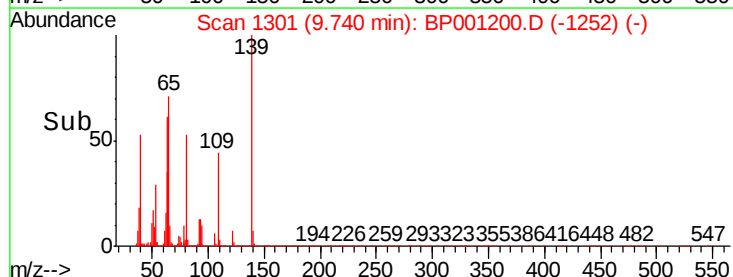
100000

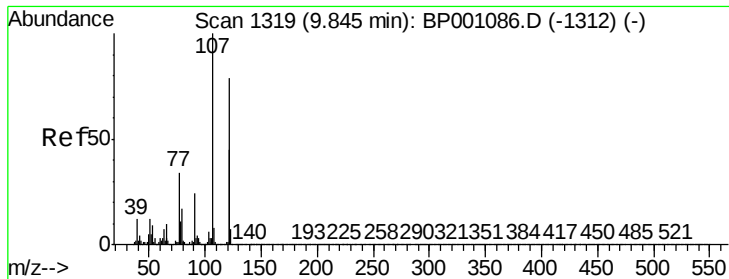
50000

0

9.65 9.70 9.75 9.80 9.85

Time-->

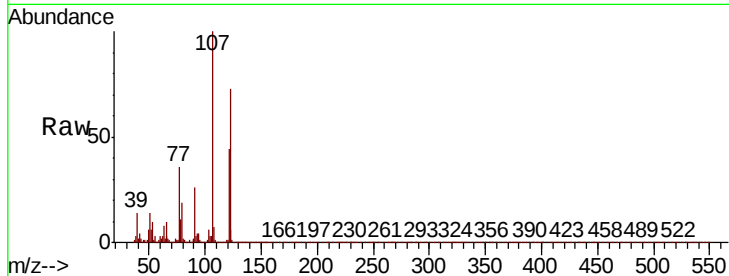




#27
2,4-Dimethylphenol
Concen: 49.636 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.5	101.9	152.9
121	60.1	46.1	69.1

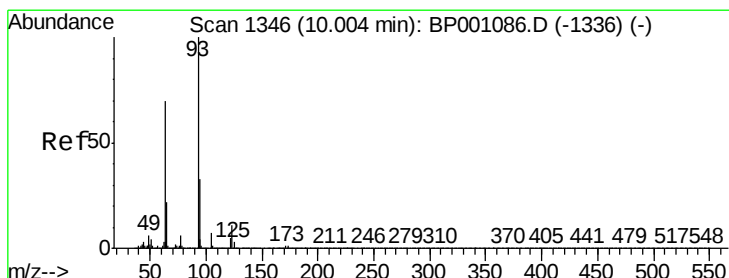
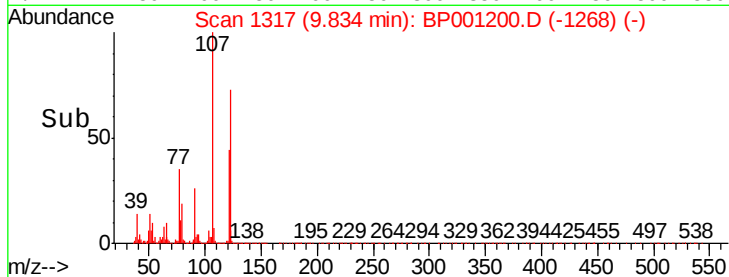
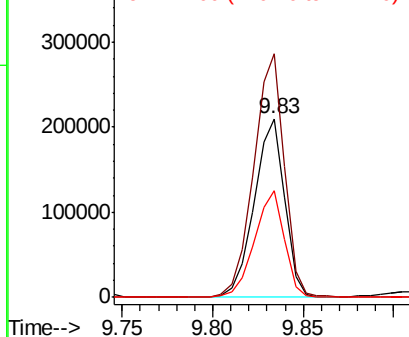


Abundance

Ion 122.00 (121.70 to 122.70): E

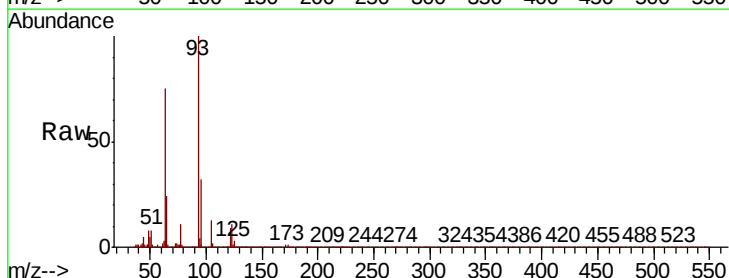
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.733 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.0	39.0
123	10.5	8.9	13.3

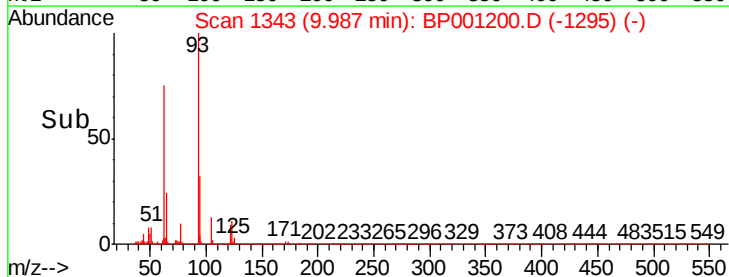
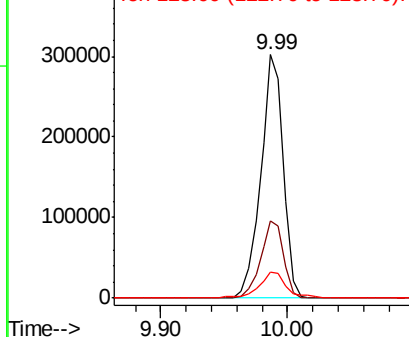


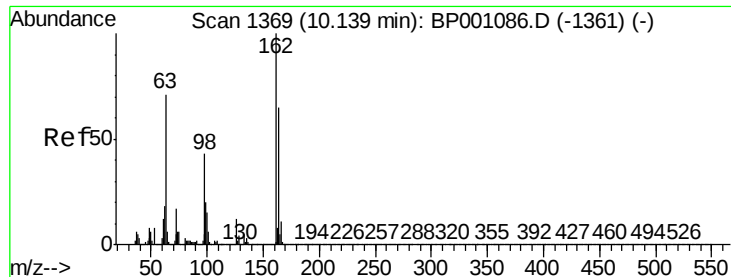
Abundance

Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

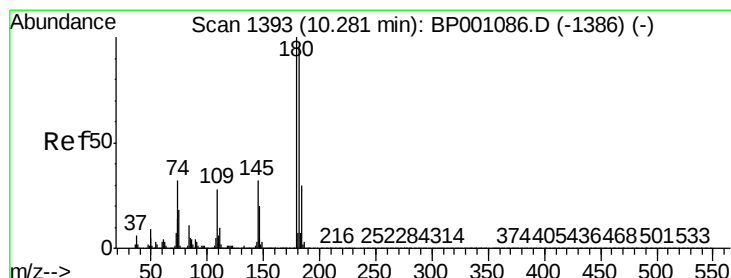
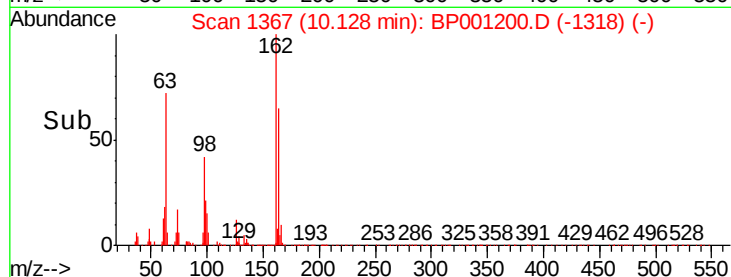
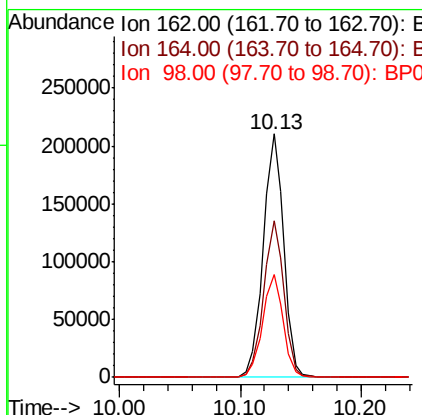
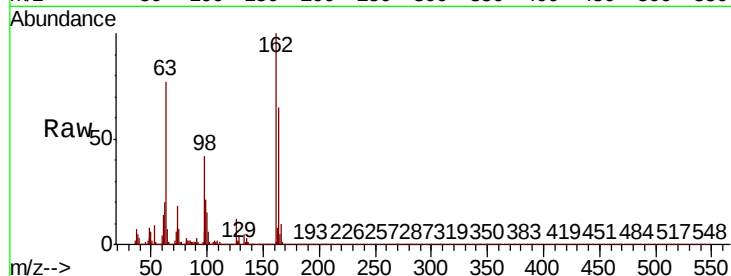




#29
2,4-Dichlorophenol
Concen: 44.271 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

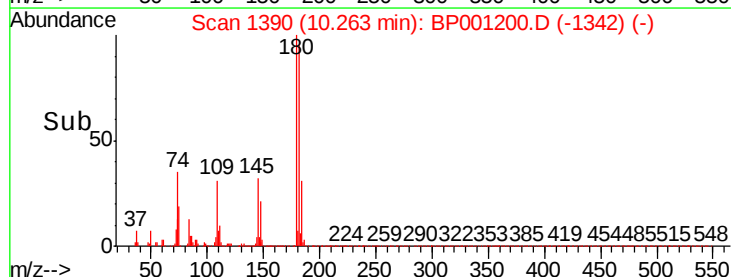
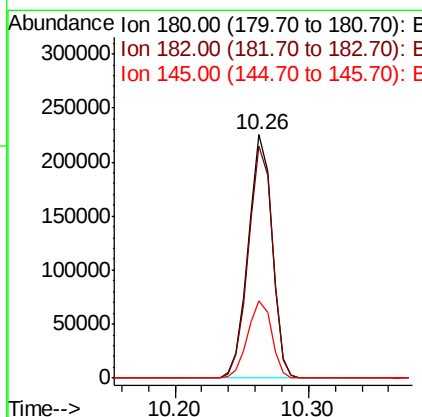
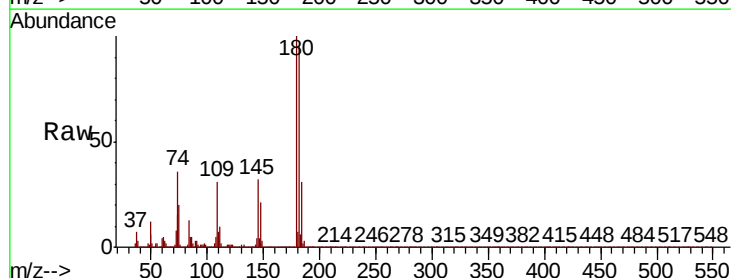
Instrument :
BNA_P
ClientSampleId :

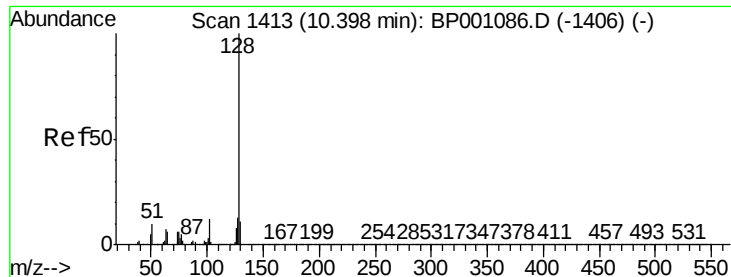
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.1	85.1
98	42.3	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 41.947 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.3	114.5
145	31.7	25.4	38.2

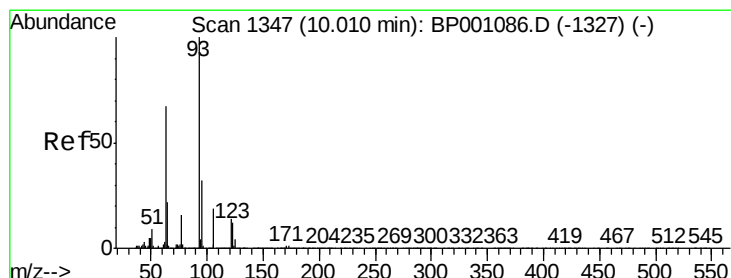
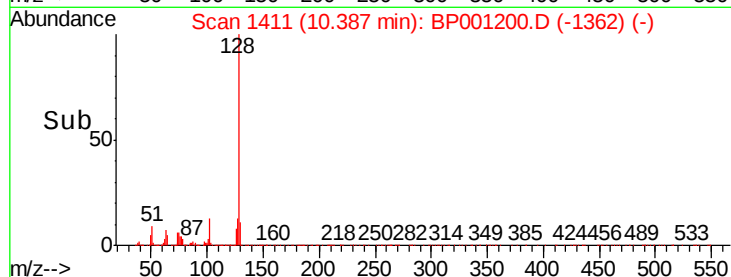
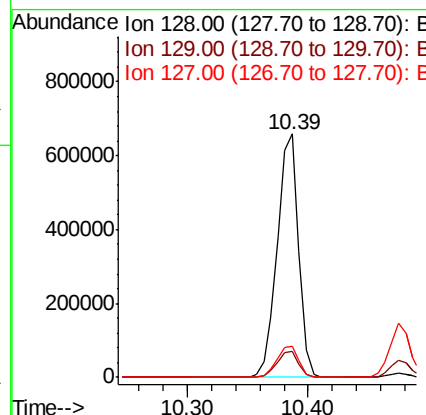
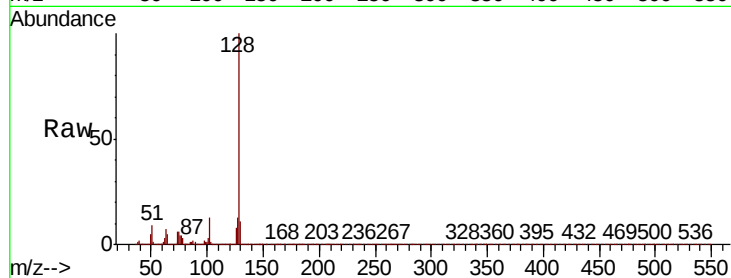




#31
Naphthalene
Concen: 42.790 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

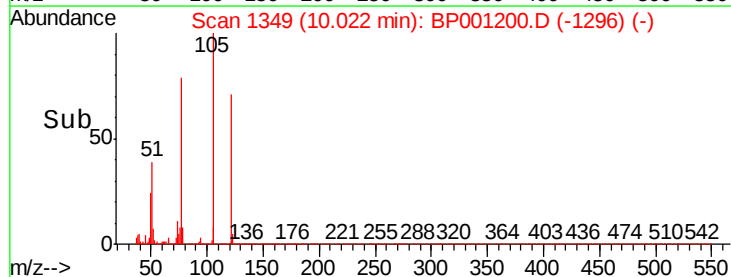
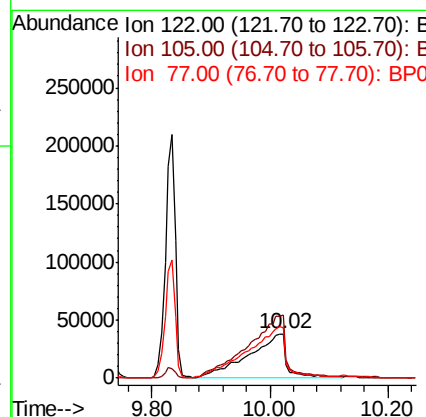
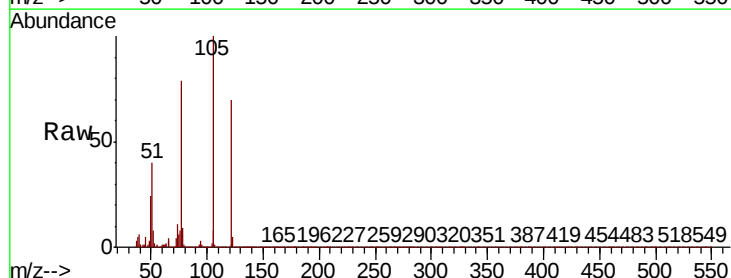
Instrument :
BNA_P
ClientSampleId :

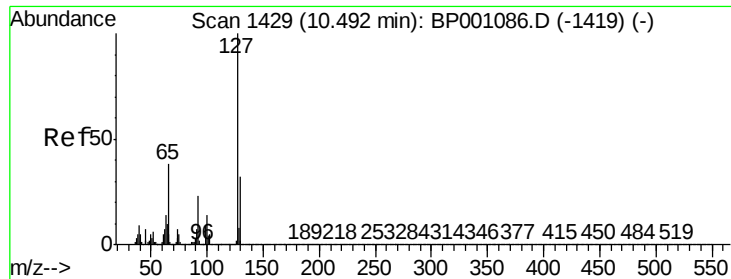
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.0	10.6	16.0



#32
Benzoic acid
Concen: 47.090 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.9	116.8	156.8
77	112.2	95.0	135.0

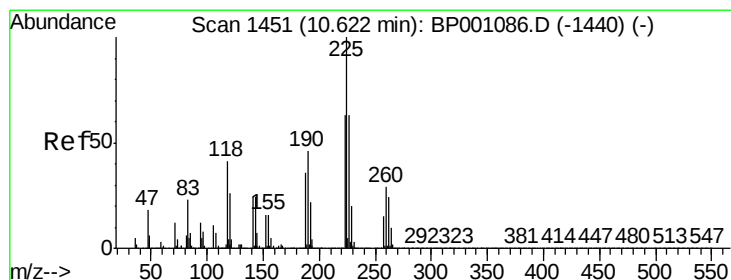
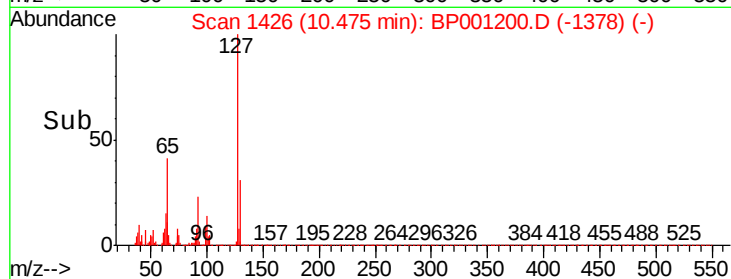
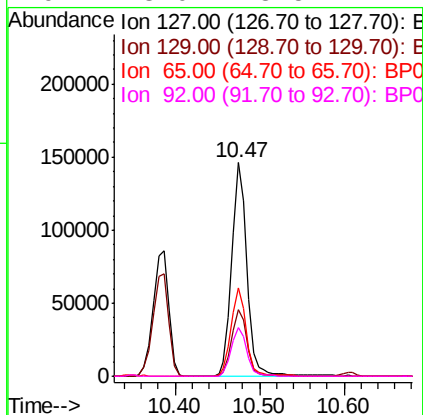
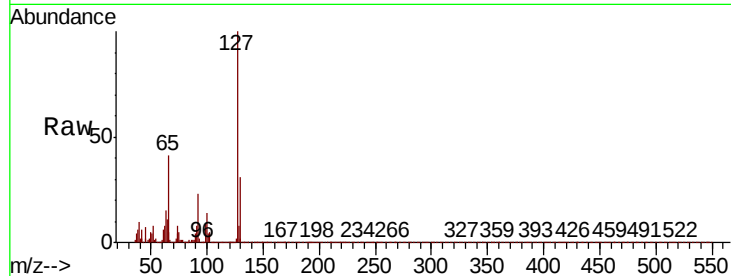




#33
4-Chloroaniline
Concen: 22.026 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

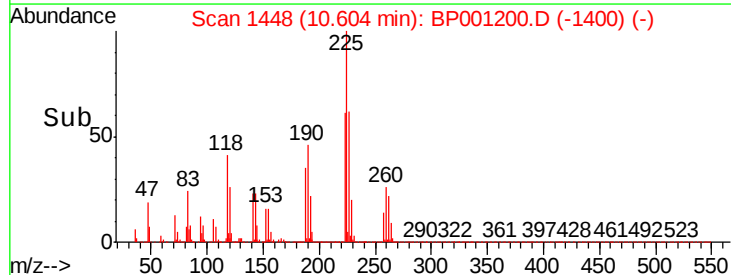
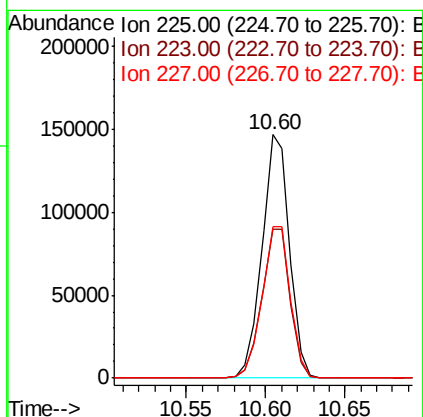
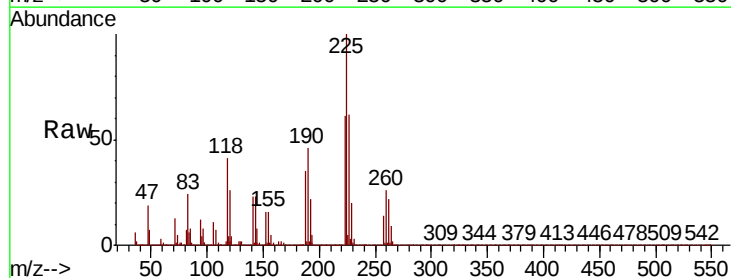
Instrument :
BNA_P
ClientSampleId :

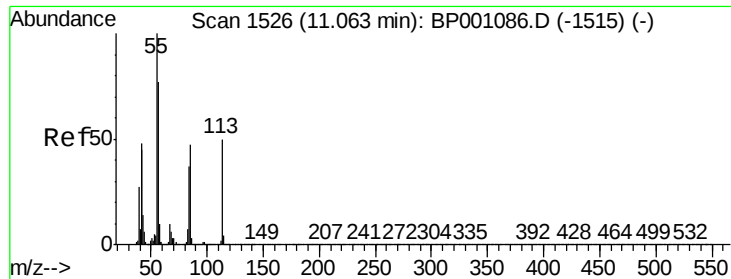
Tot Ion:	127	Resp:	180827
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.5	38.3
65	41.1	30.6	46.0
92	23.0	18.5	27.7



#34
Hexachlorobutadiene
Concen: 43.001 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:	225	Resp:	177131
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.0	75.0
227	62.3	50.0	75.0

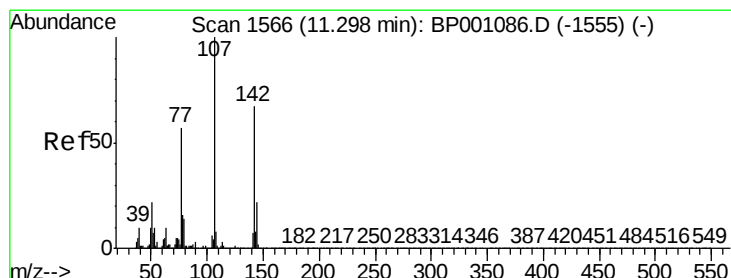
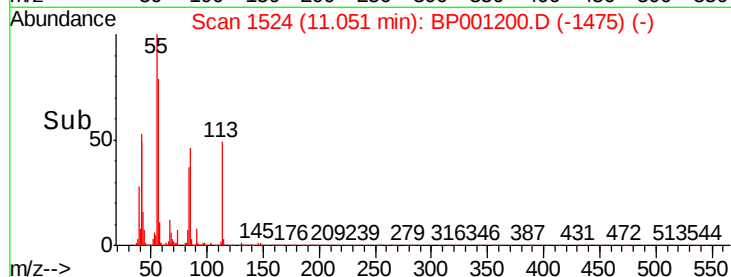
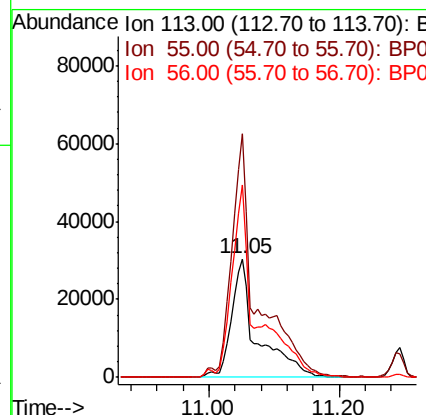
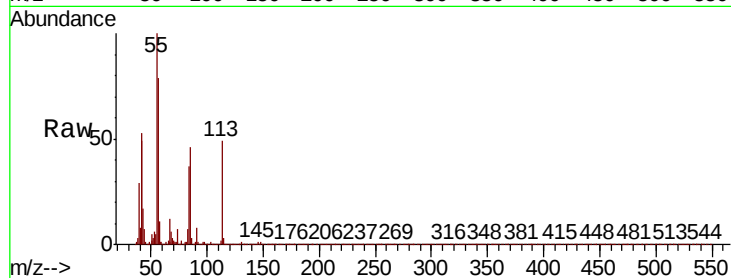




#35
 Caprolactam
 Concen: 42.696 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

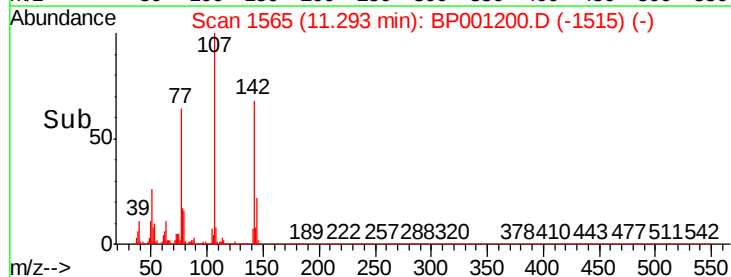
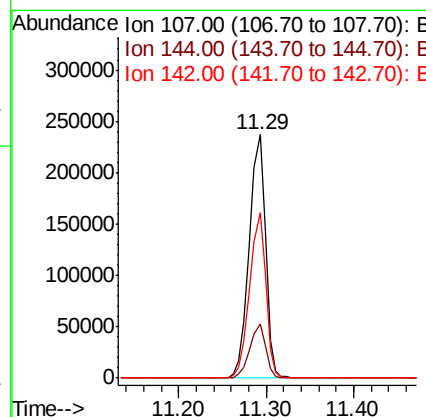
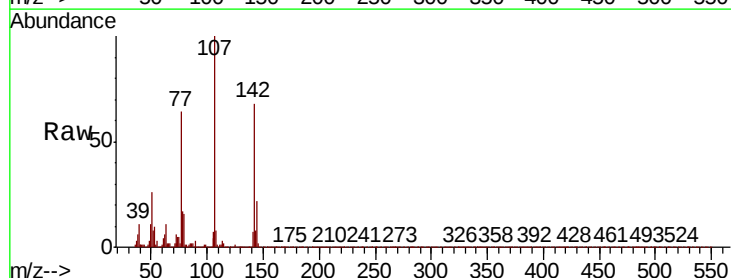
Instrument :
 BNA_P
 ClientSampleId :

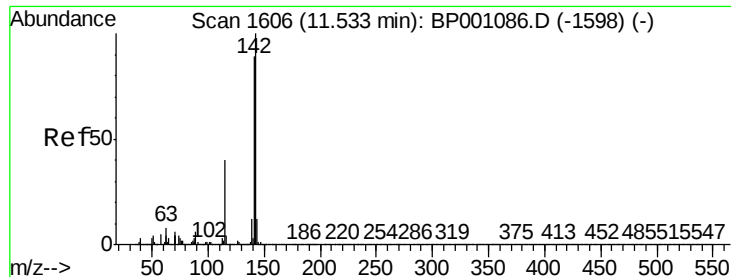
Tot Ion:113 Resp: 82497
 Ion Ratio Lower Upper
 113 100
 55 205.1 181.2 221.2
 56 161.7 134.7 174.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.367 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

Tgt Ion:107 Resp: 294904
 Ion Ratio Lower Upper
 107 100
 144 22.2 17.5 26.3
 142 68.2 53.3 79.9

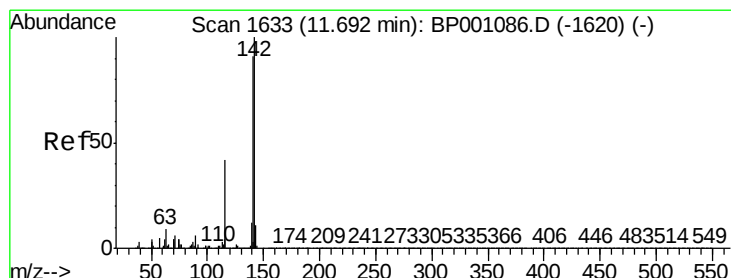
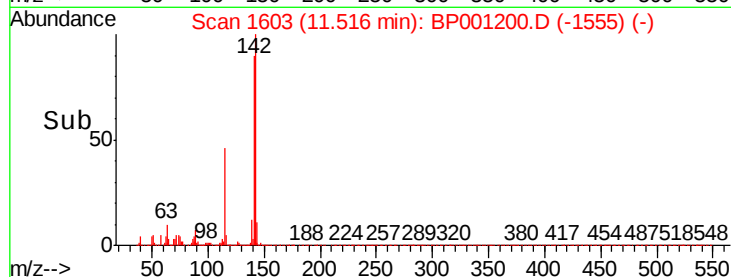
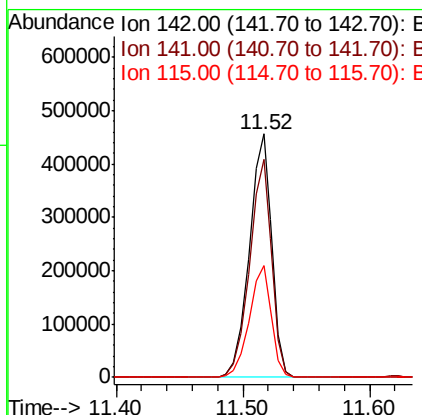
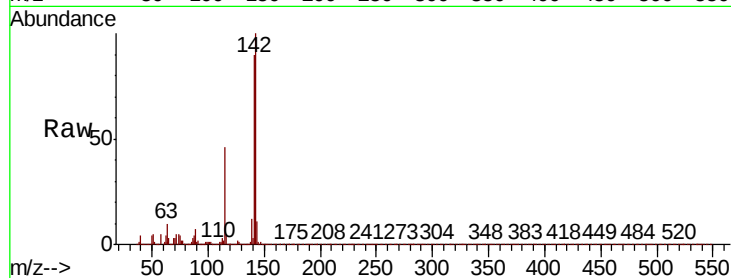




#37
2-Methylnaphthalene
Concen: 43.389 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

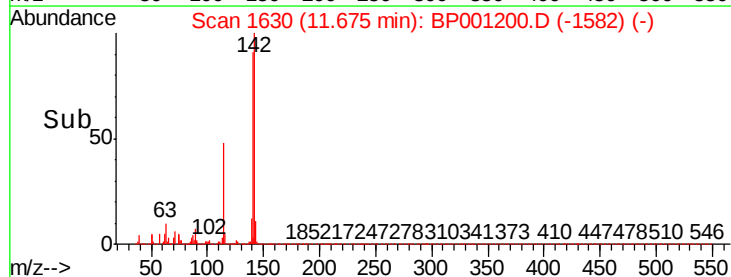
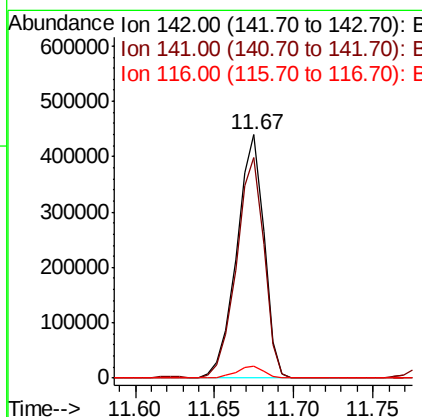
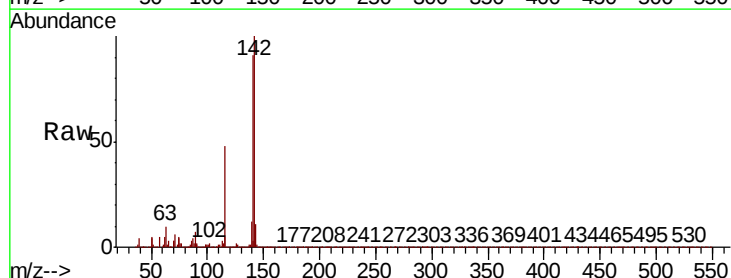
Instrument :
BNA_P
ClientSampleId :

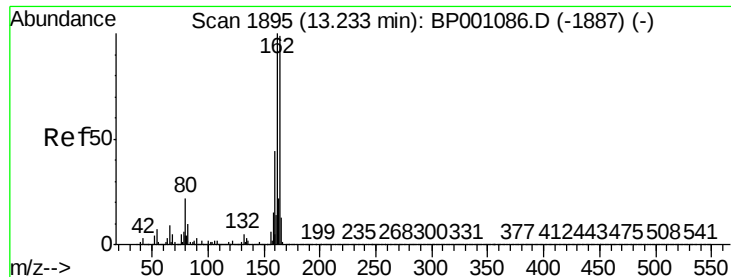
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7
115	45.8	32.3	48.5



#38
1-Methylnaphthalene
Concen: 42.996 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.4
116	4.7	3.4	5.2

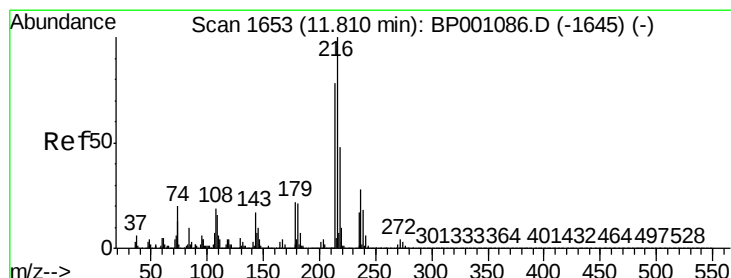
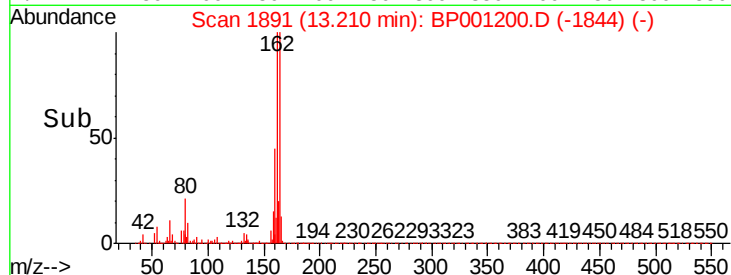
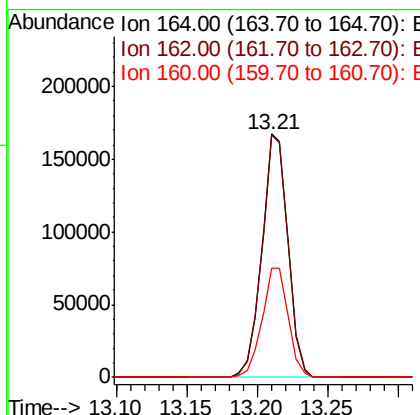
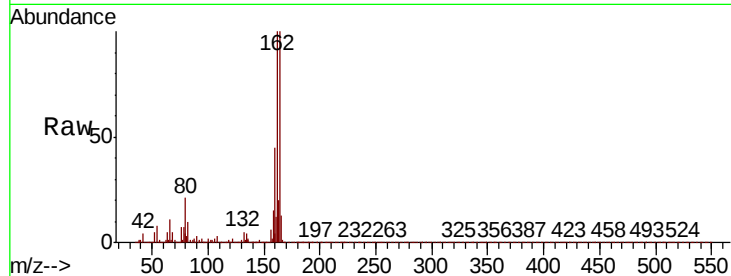




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

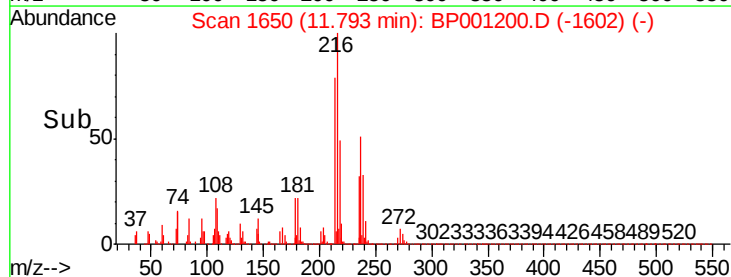
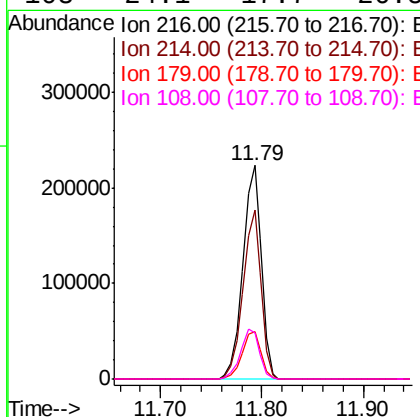
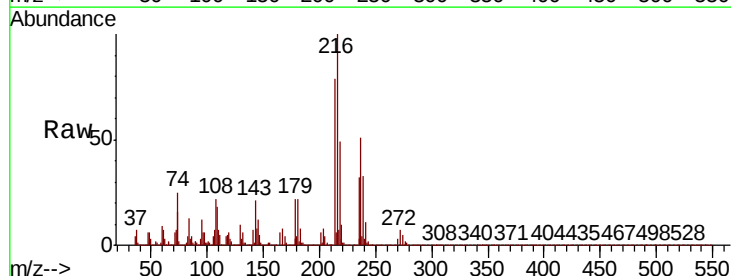
Instrument :
BNA_P
ClientSampleId :

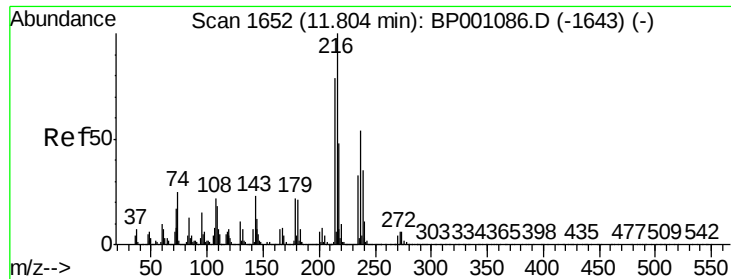
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	44.8	35.4	53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.286 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.8	94.2
179	22.6	17.6	26.4
108	24.1	17.7	26.5

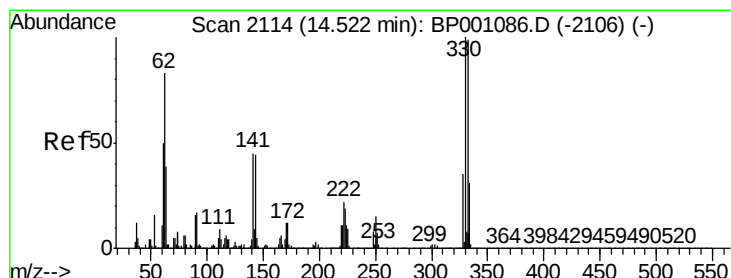
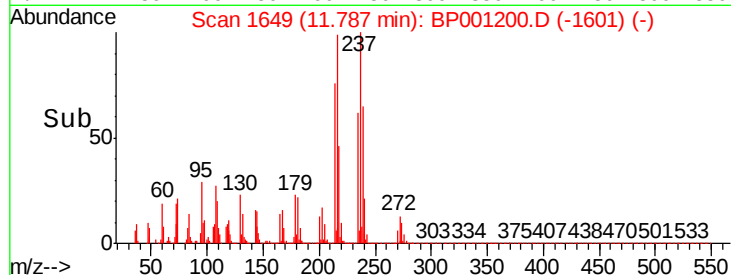
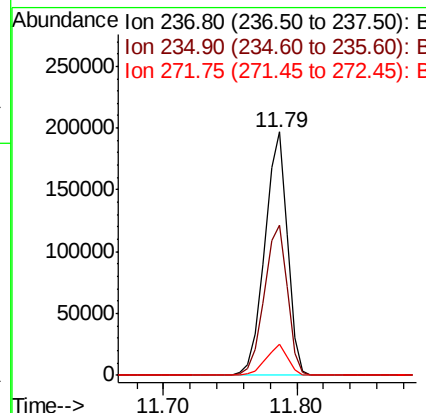
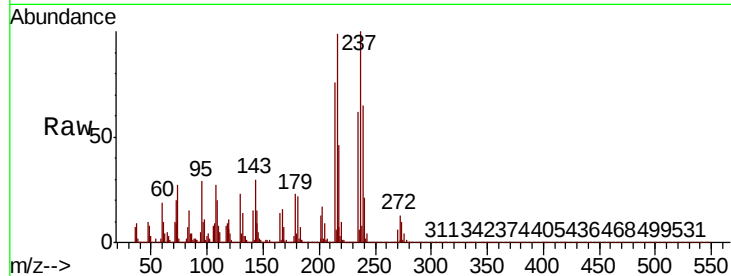




#41
Hexachlorocyclopentadiene
Concen: 72.786 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

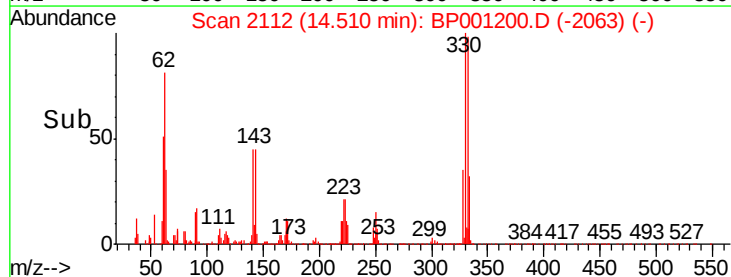
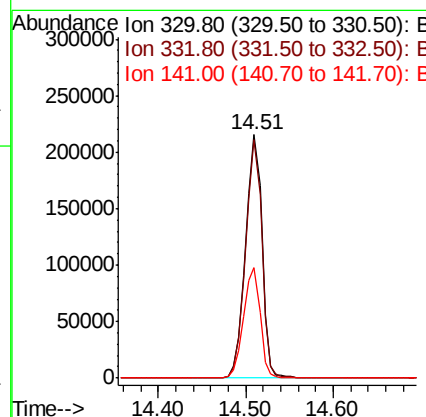
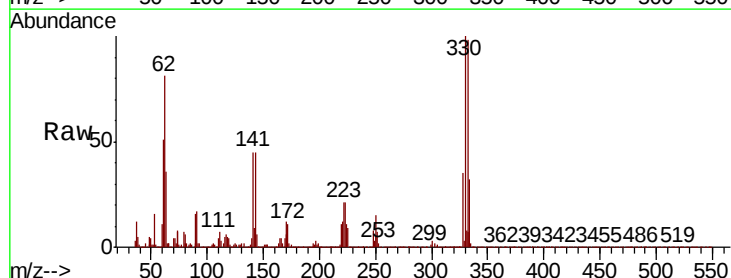
Instrument :
BNA_P
ClientSampled :

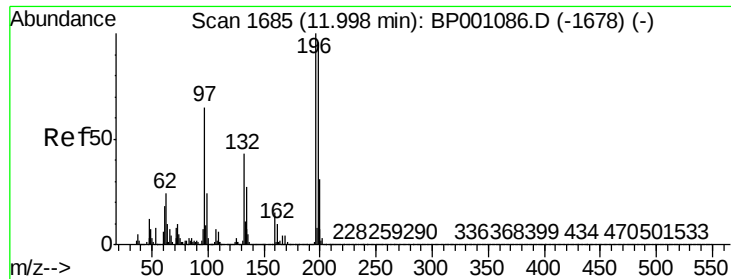
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.8	81.8
272	12.6	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 130.940 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	45.6	34.2	51.2

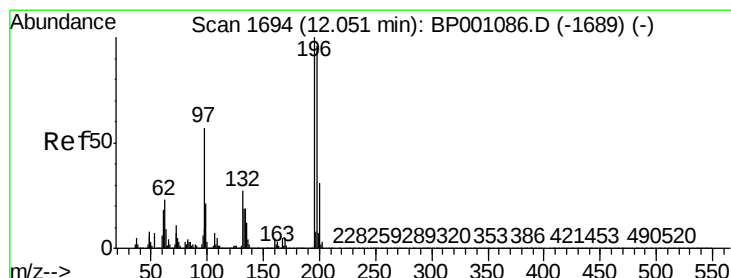
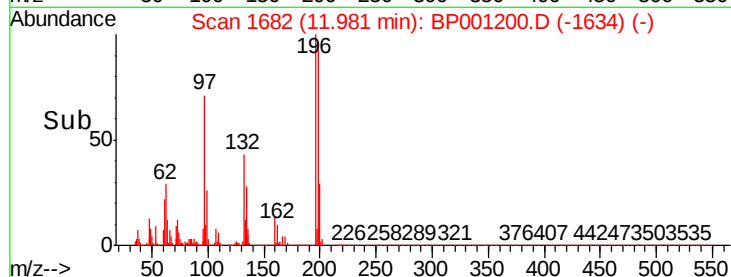
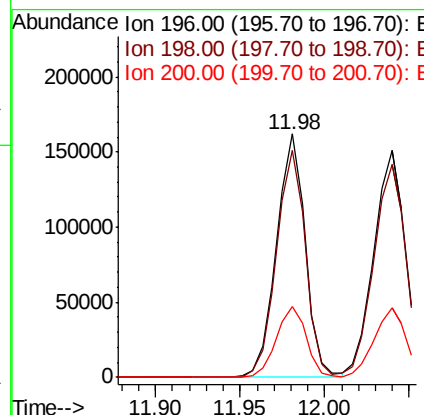
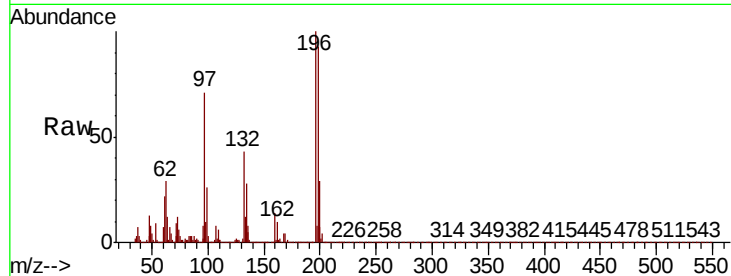




#43
2,4,6-Trichlorophenol
Concen: 43.117 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

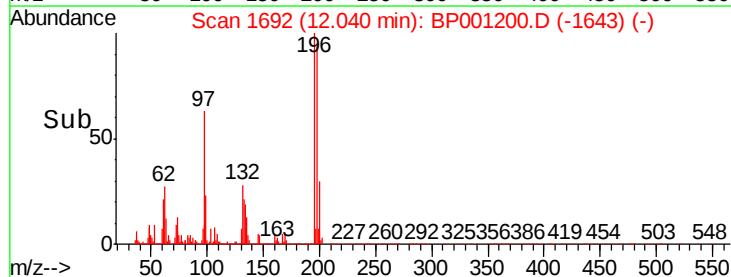
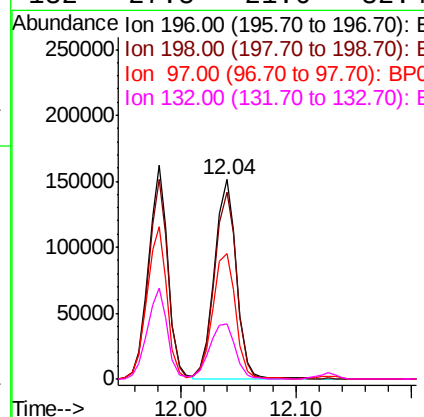
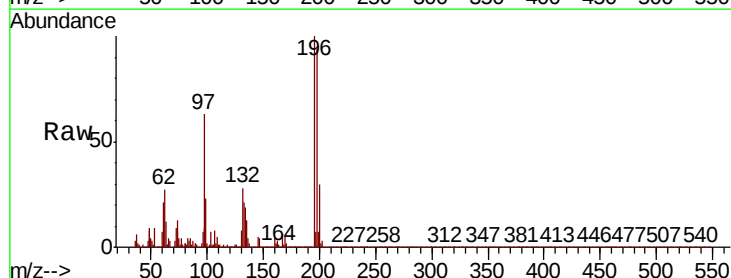
Instrument :
BNA_P
ClientSampleId :

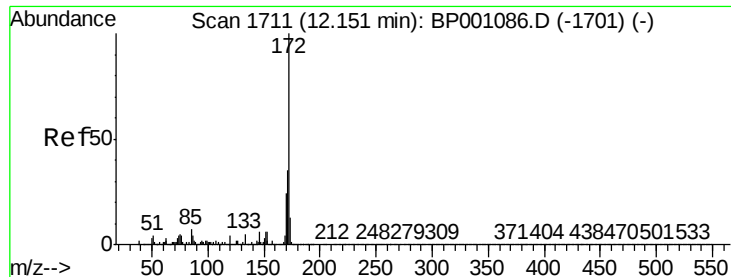
Tot Ion:196 Resp: 191788
Ion Ratio Lower Upper
196 100
198 93.4 76.7 115.1
200 29.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 43.449 ng
RT: 12.04 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:196 Resp: 200247
Ion Ratio Lower Upper
196 100
198 94.0 76.8 115.2
97 63.0 46.1 69.1
132 27.8 21.6 32.4

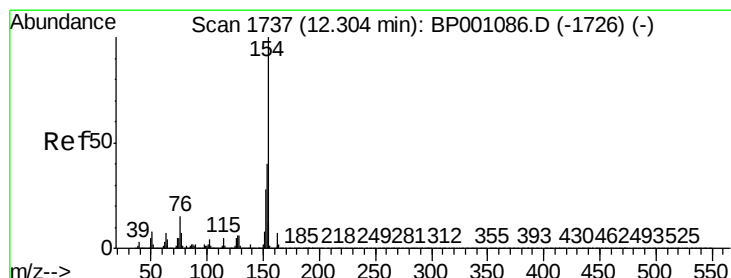
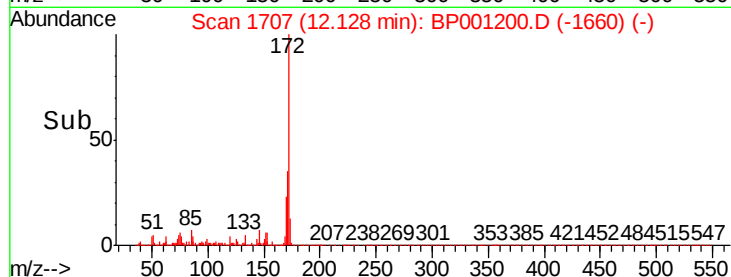
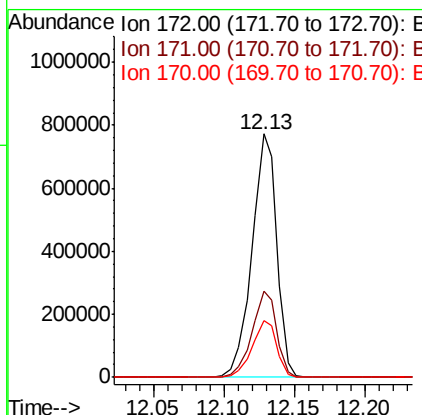
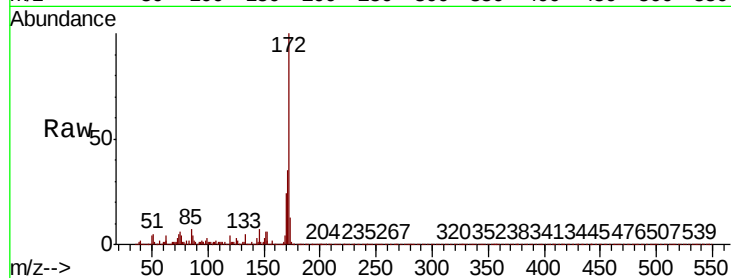




#45
2-Fluorobiphenyl
Concen: 64.368 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

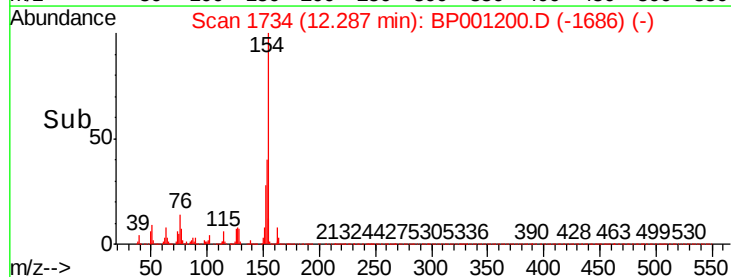
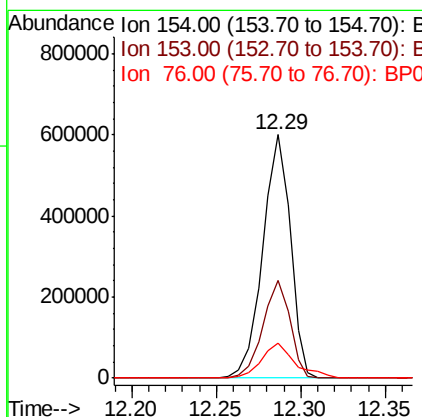
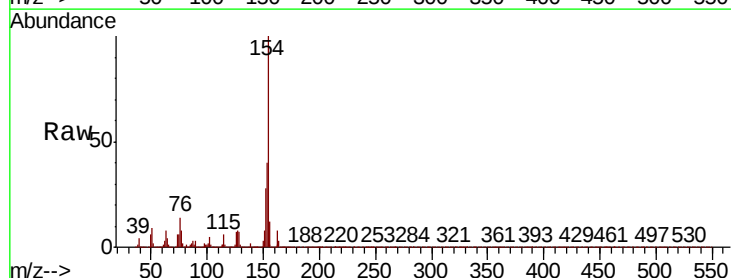
Instrument :
BNA_P
ClientSampleId :

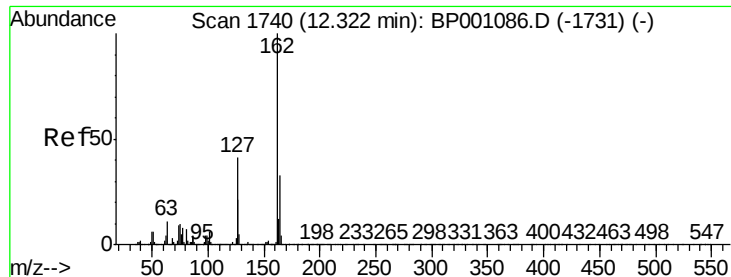
Tot Ion	172	Resp	950717
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.9	41.9
170	23.5	19.0	28.4



#46
1,1'-Biphenyl
Concen: 40.720 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	154	Resp	680289
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.2	60.2
76	14.3	0.0	34.5

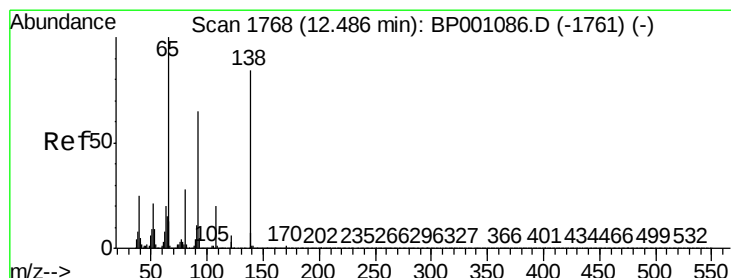
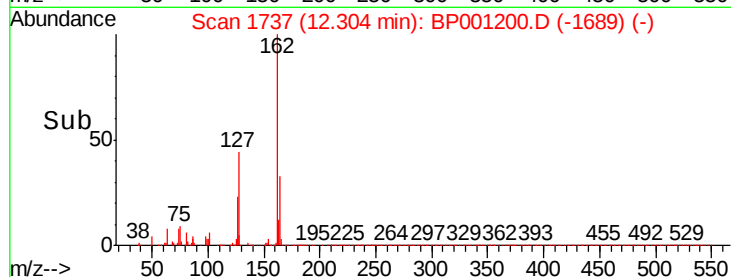
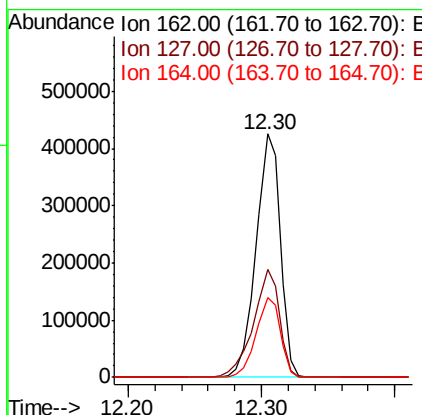
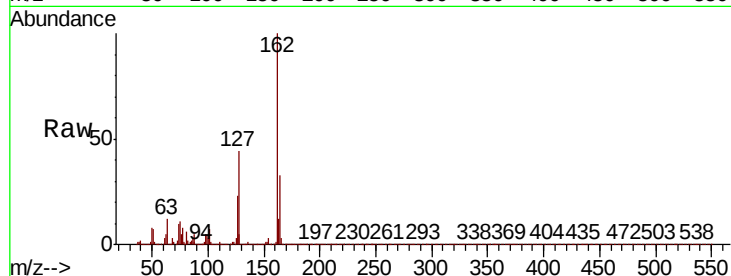




#47
2-Chloronaphthalene
Concen: 39.638 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

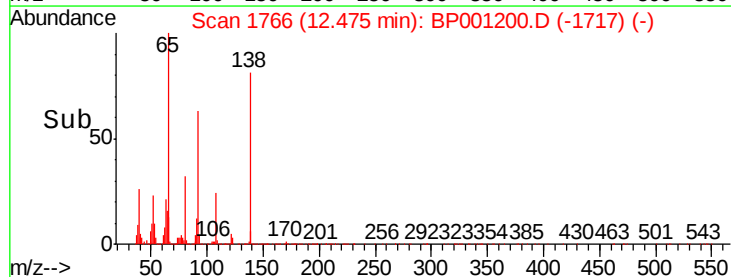
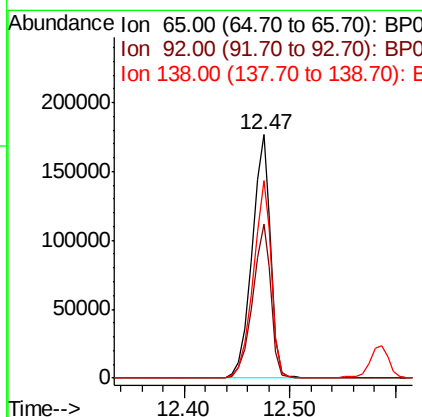
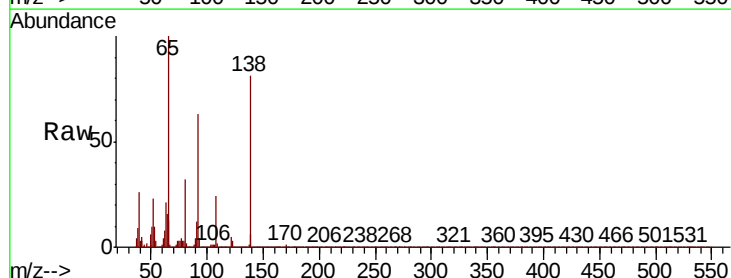
Instrument :
BNA_P
ClientSampled :

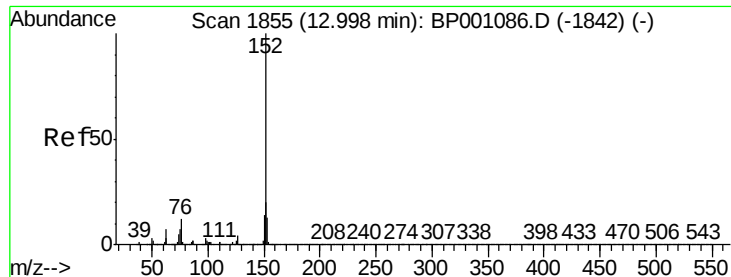
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.3	33.0	49.6
164	32.7	26.7	40.1



#48
2-Nitroaniline
Concen: 41.375 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	51.6	77.4
138	81.1	67.3	100.9





#49

Acenaphthylene

Concen: 41.760 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampleId :

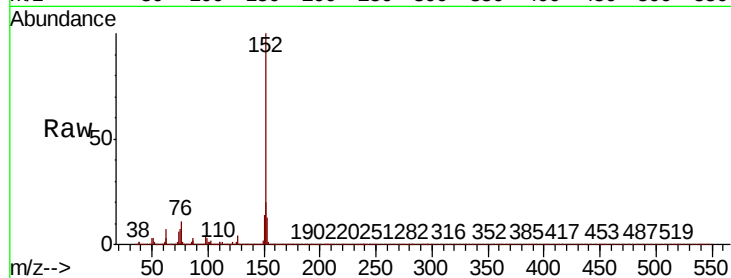
Tot Ion:152 Resp: 835321

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

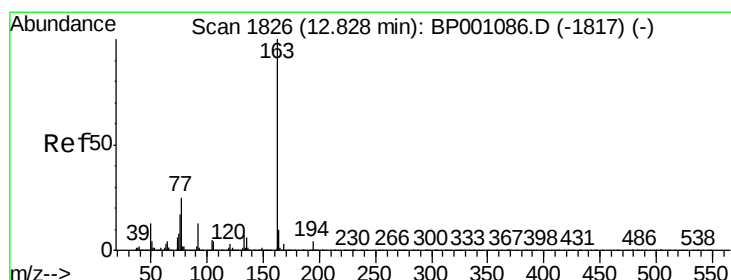
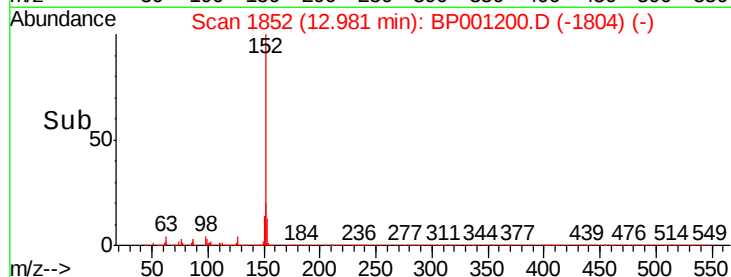
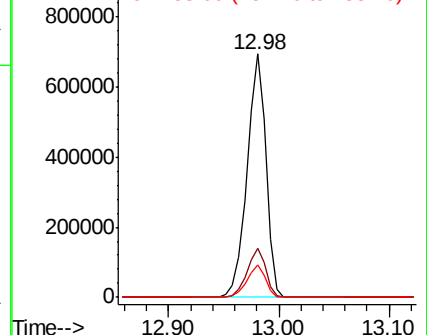
153 13.2 10.2 15.4



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

Dimethylphthalate

Concen: 40.316 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

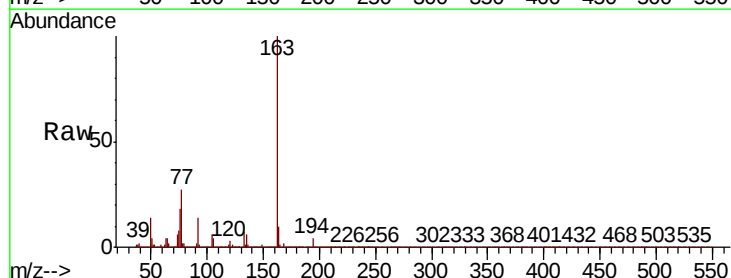
Tgt Ion:163 Resp: 651809

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

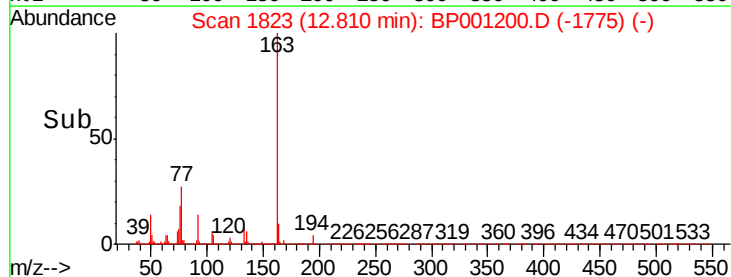
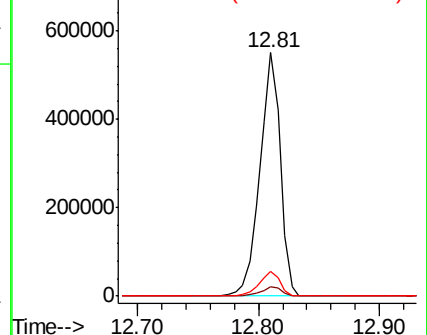
164 10.1 8.1 12.1

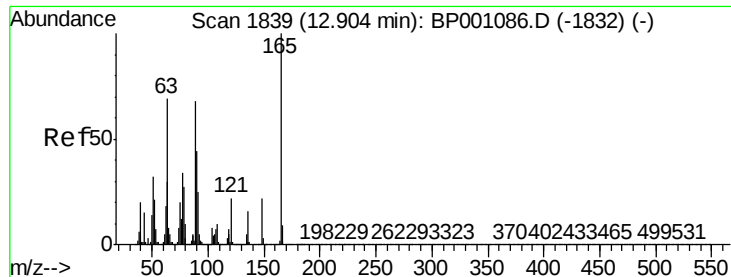


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

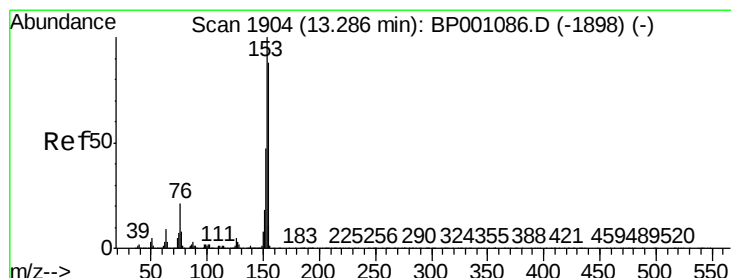
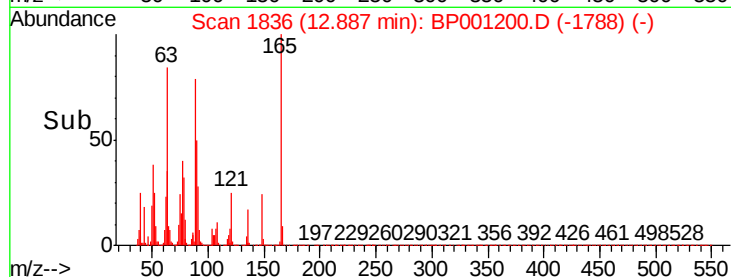
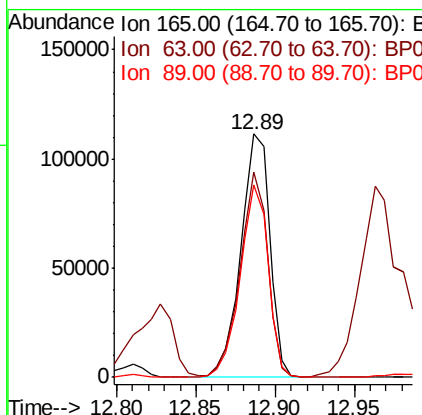
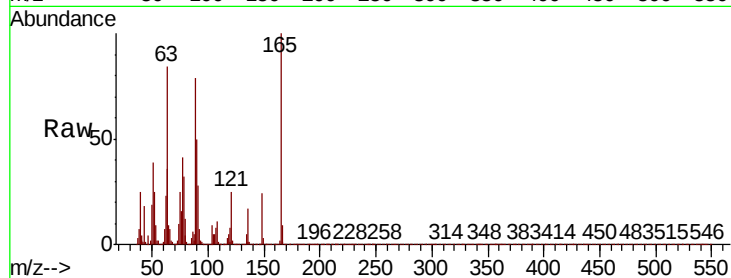




#51
2,6-Dinitrotoluene
Concen: 40.991 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

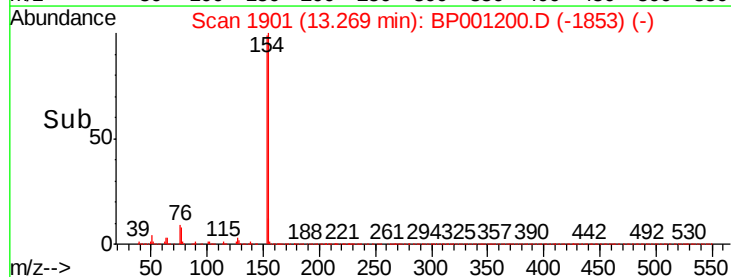
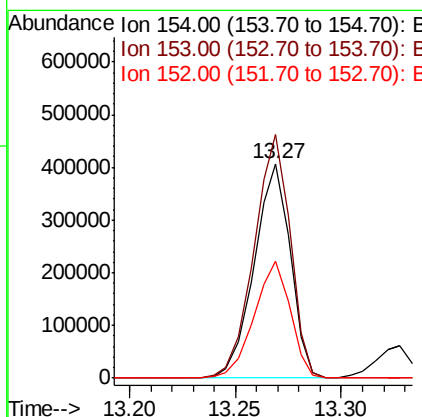
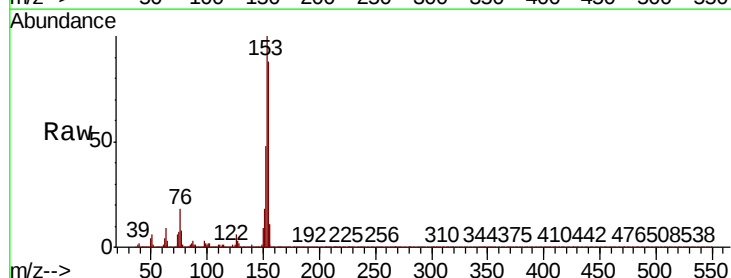
Instrument :
BNA_P
ClientSampleId :

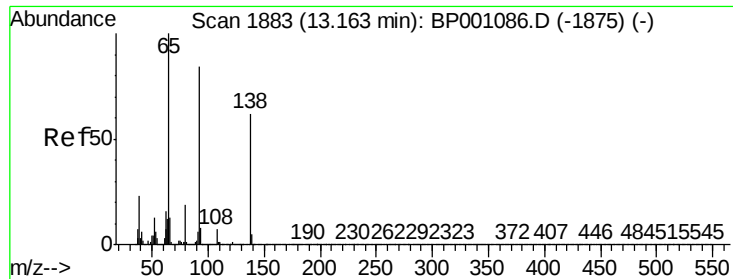
Tot Ion:165 Resp: 141866
Ion Ratio Lower Upper
165 100
63 84.4 55.6 83.4#
89 79.1 54.1 81.1



#52
Acenaphthene
Concen: 40.202 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:154 Resp: 483737
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 54.7 42.6 64.0

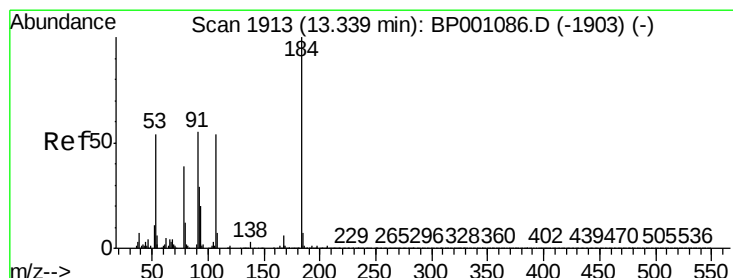
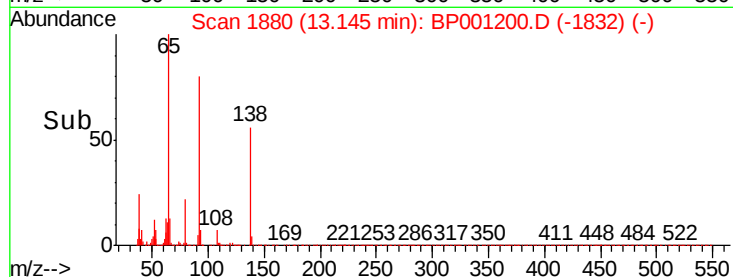
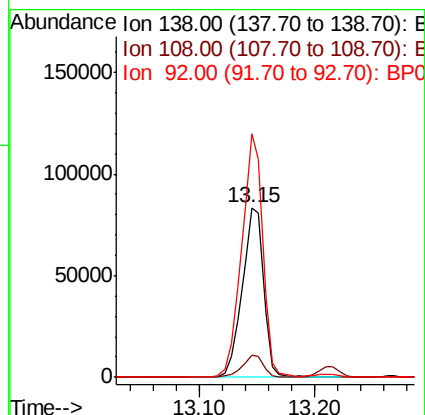
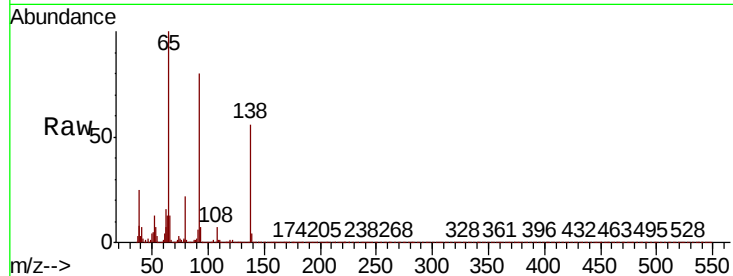




#53
3-Nitroaniline
Concen: 27.562 ng
RT: 13.15 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

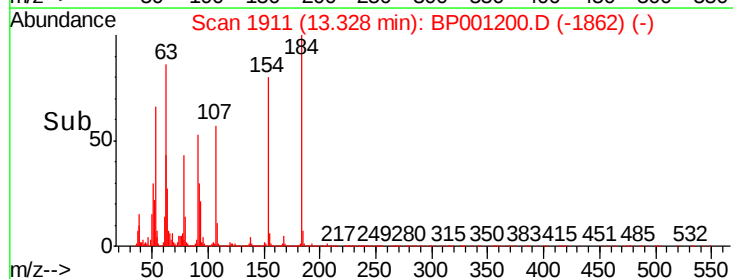
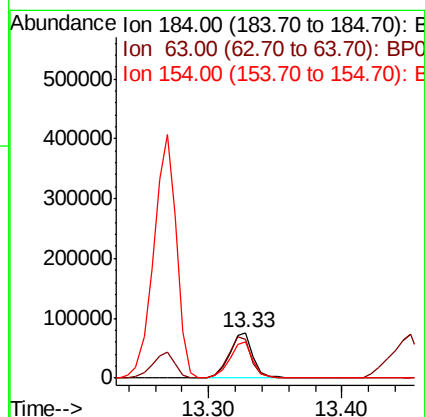
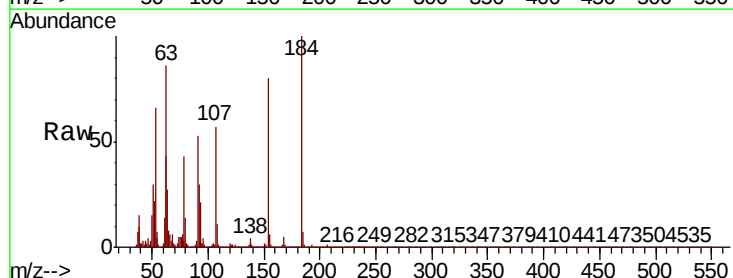
Instrument :
BNA_P
ClientSampleId :

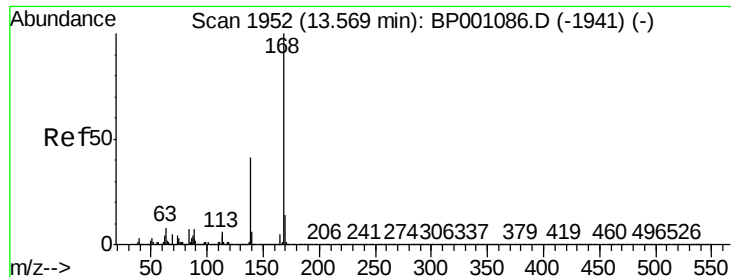
Tot Ion:138 Resp: 107154
Ion Ratio Lower Upper
138 100
108 13.2 9.2 13.8
92 143.2 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 67.464 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:184 Resp: 93642
Ion Ratio Lower Upper
184 100
63 85.7 60.7 91.1
154 80.0 56.2 84.2





#55

Dibenzofuran

Concen: 42.225 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

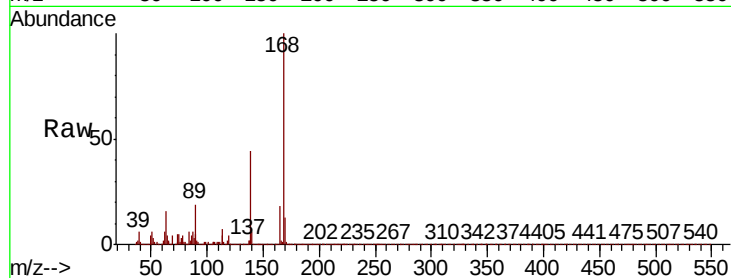
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 763473

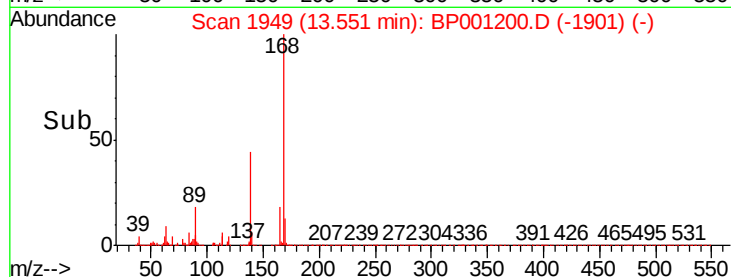
Ion	Ratio	Lower	Upper
168	100		
139	44.4	32.8	49.2
169	13.4	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



600000

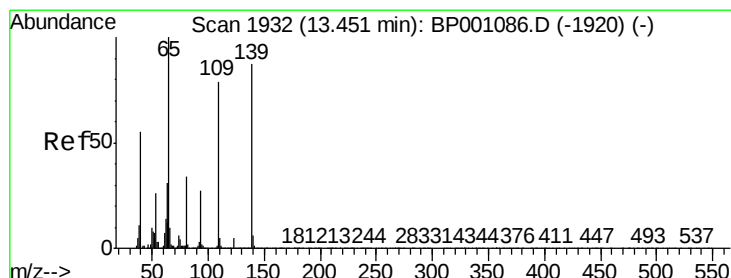
13.55

400000

200000

0

Time-->



#56

4-Nitrophenol

Concen: 85.428 ng

RT: 13.45 min Scan# 1932

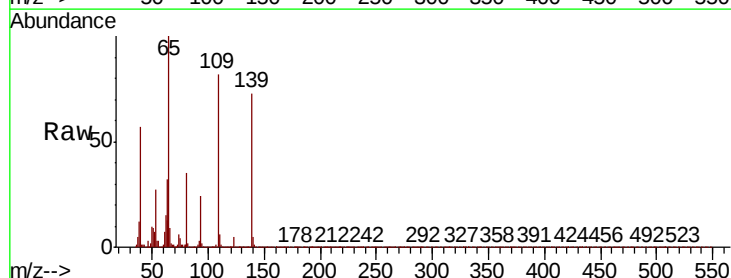
Delta R.T. 0.00 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Tgt Ion:139 Resp: 235343

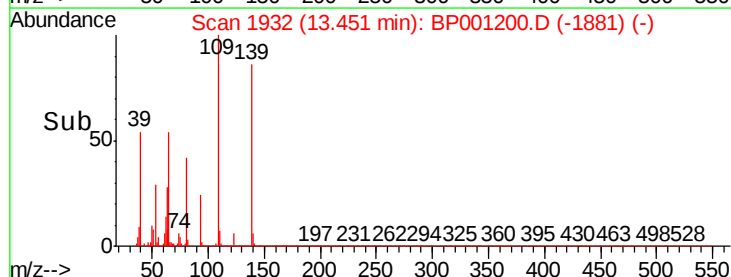
Ion	Ratio	Lower	Upper
139	100		
109	112.3	70.9	110.9#
65	137.8	95.2	135.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO



300000

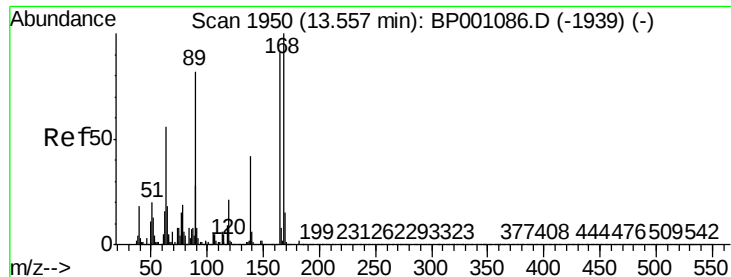
13.45

200000

100000

0

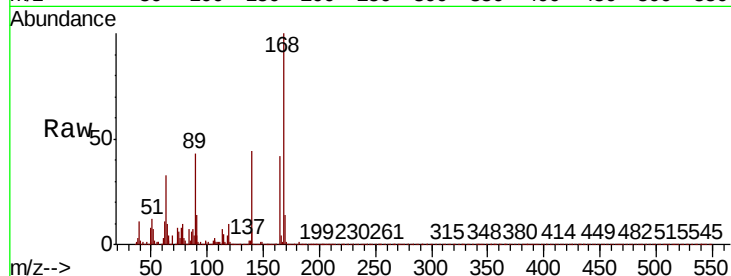
Time-->



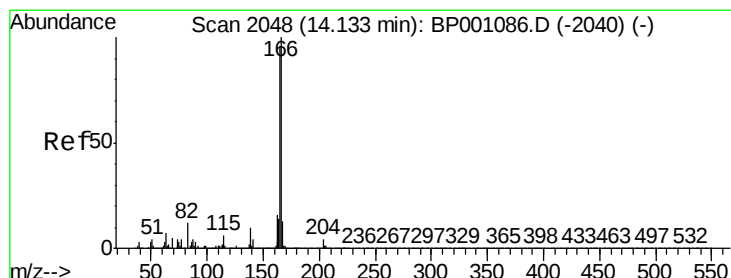
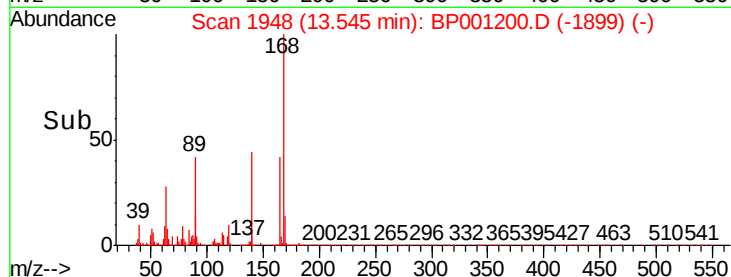
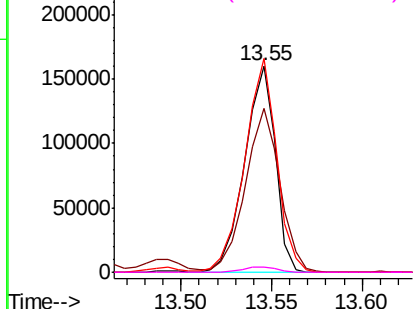
#57
2,4-Dinitrotoluene
Concen: 43.469 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 188573
Ion Ratio Lower Upper
165 100
63 79.5 49.4 74.2#
89 103.4 72.1 108.1
182 2.7 2.0 3.0

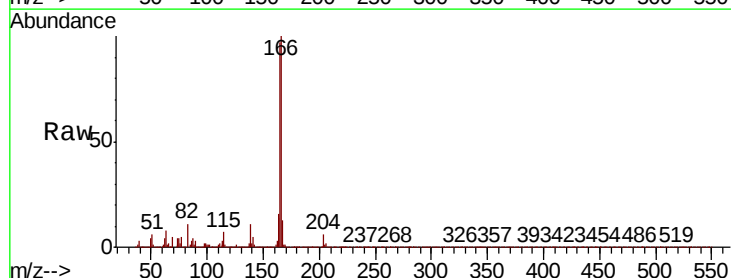


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

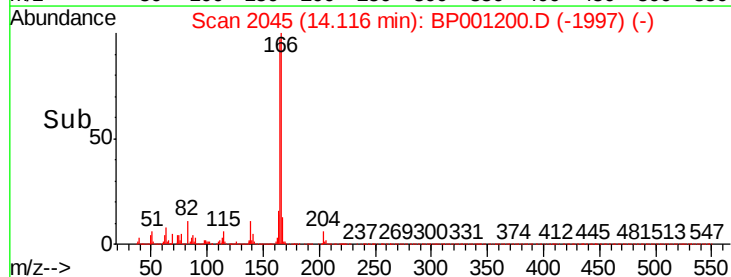
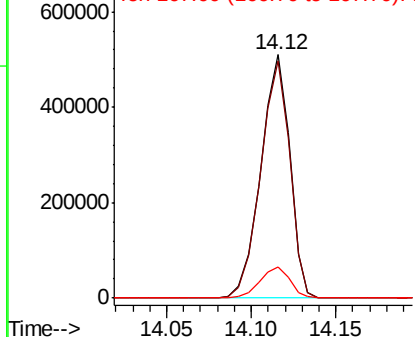


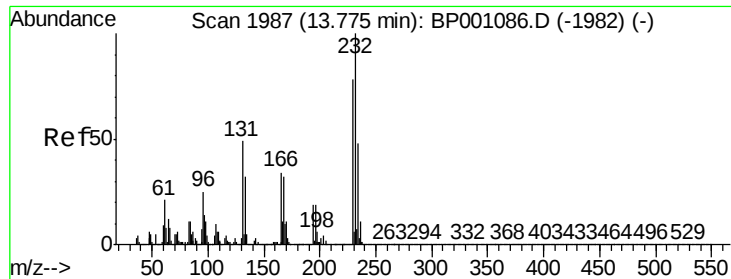
#58
Fluorene
Concen: 41.904 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:166 Resp: 607128
Ion Ratio Lower Upper
166 100
165 97.2 76.7 115.1
167 12.9 10.5 15.7



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

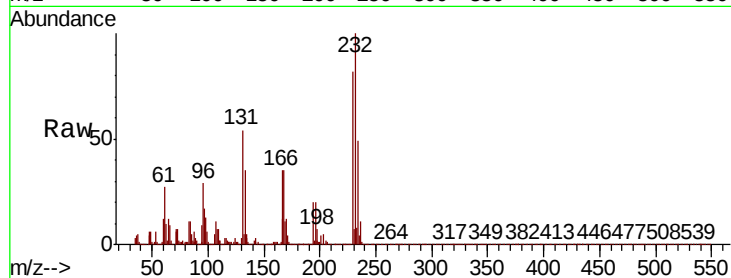




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.036 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.0	39.6	59.4
130	3.1	1.9	2.9
166	35.5	25.7	38.5



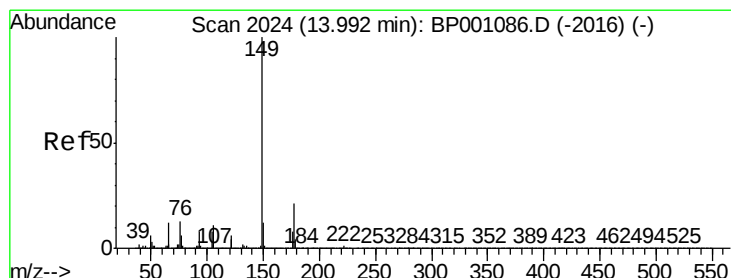
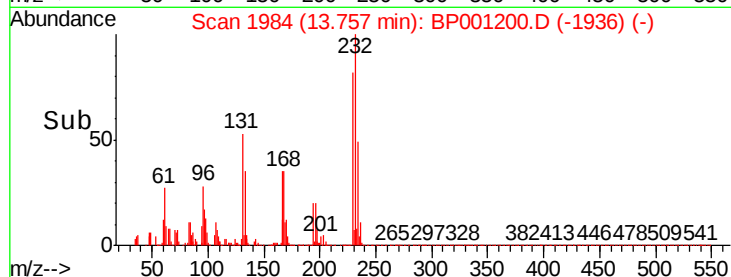
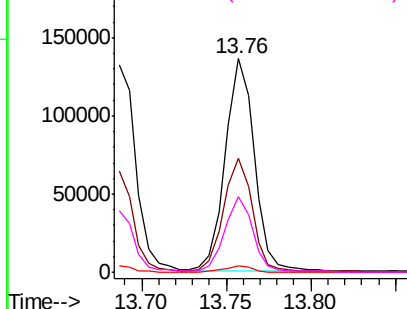
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

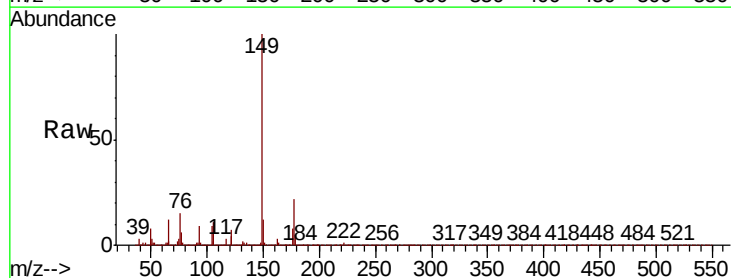
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.465 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.5	9.9	14.9

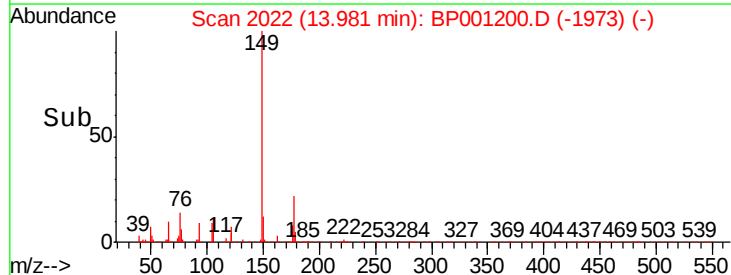
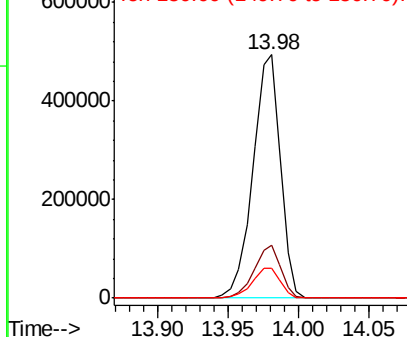


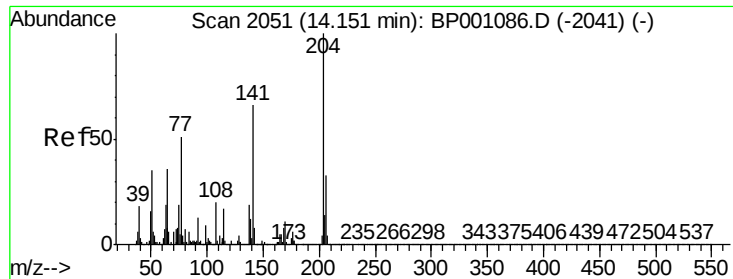
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

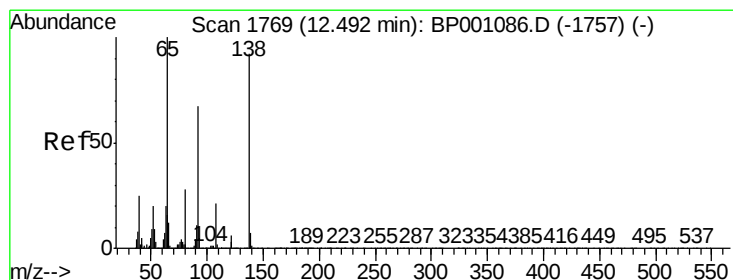
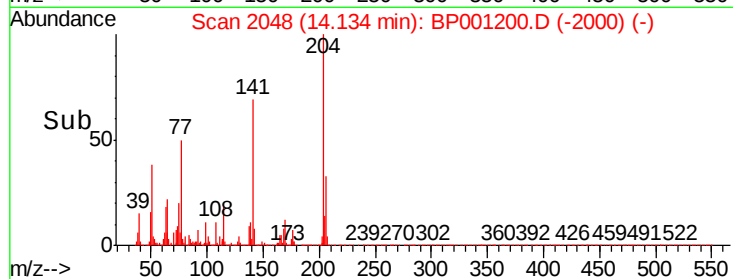
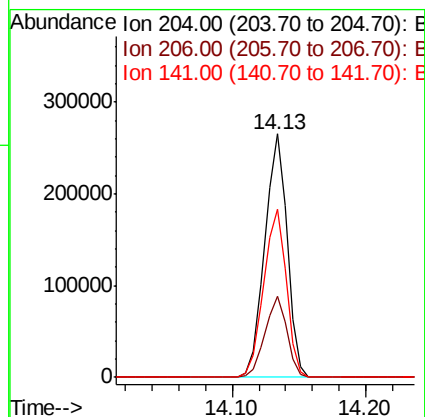
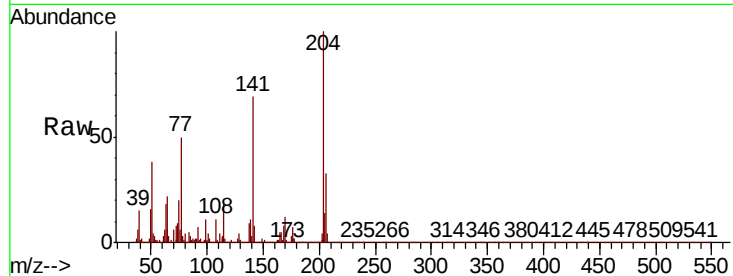




#61
4-Chlorophenyl-phenylether
Concen: 41.611 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

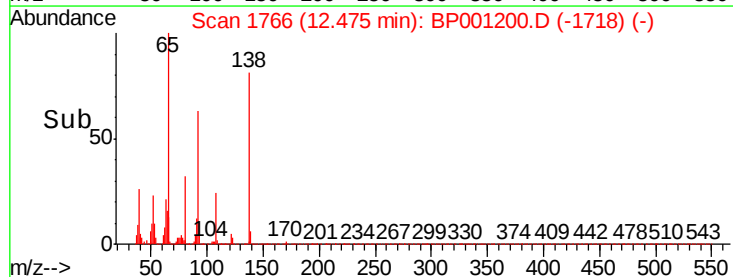
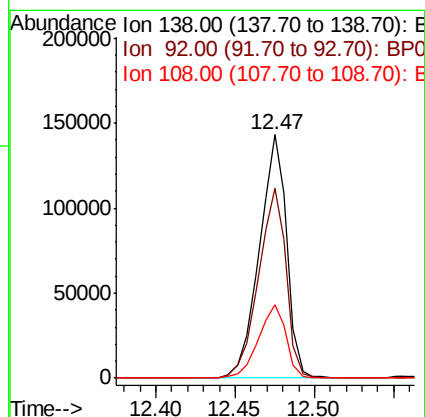
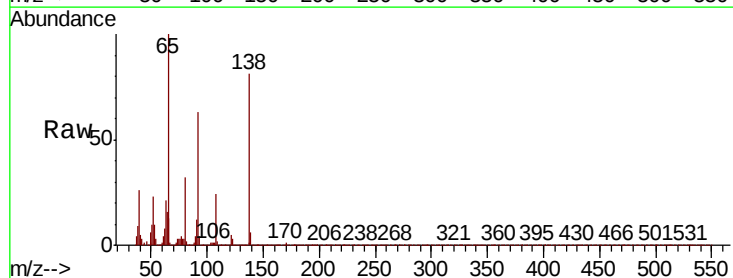
Instrument :
BNA_P
ClientSampleId :

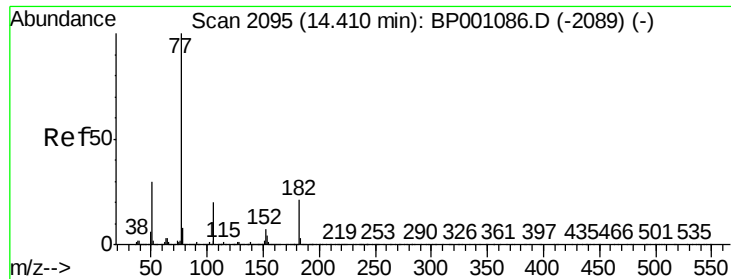
Tot Ion:204 Resp: 307001
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 68.9 52.7 79.1



#62
4-Nitroaniline
Concen: 38.191 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:138 Resp: 172143
Ion Ratio Lower Upper
138 100
92 78.0 53.3 93.3
108 29.9 3.1 43.1





#63

Azobenzene

Concen: 41.584 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 752475

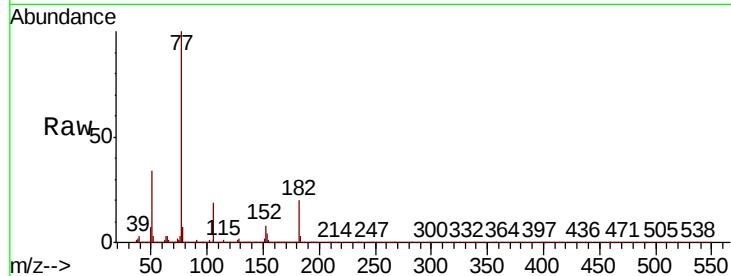
Ion Ratio Lower Upper

77 100

182 19.9 0.8 40.8

105 18.6 0.3 40.3

51 34.1 9.6 49.6

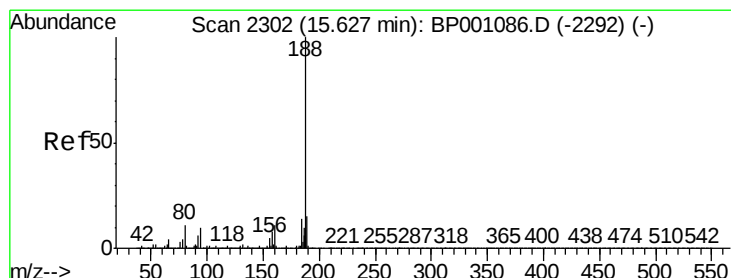
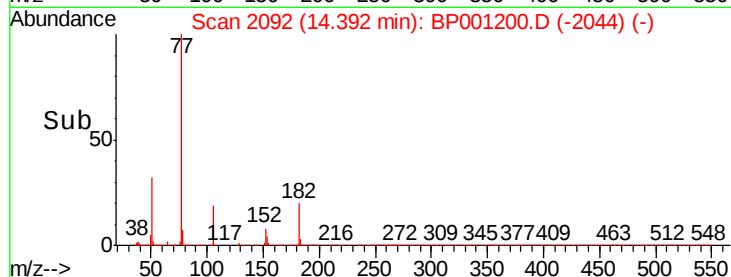
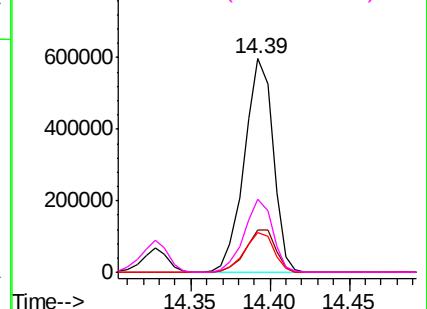


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

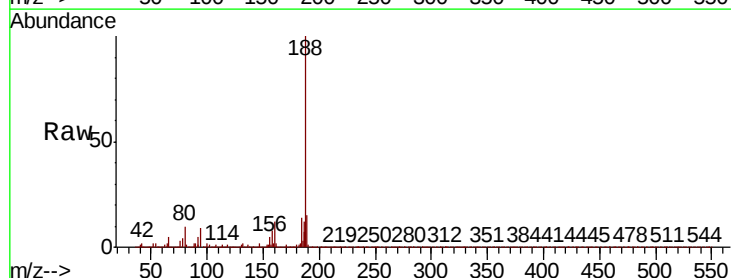
Tgt Ion: 188 Resp: 405945

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

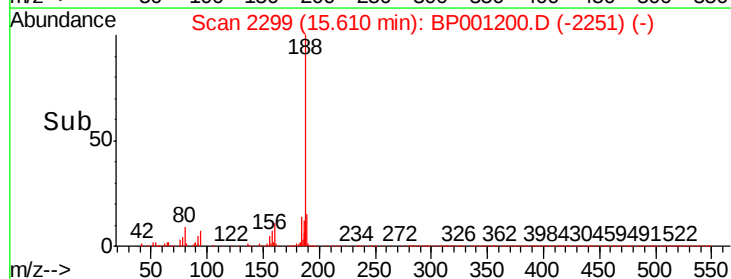
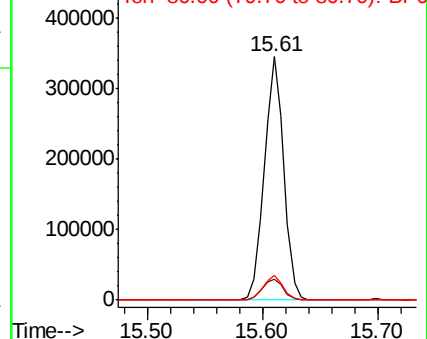
80 10.1 8.8 13.2

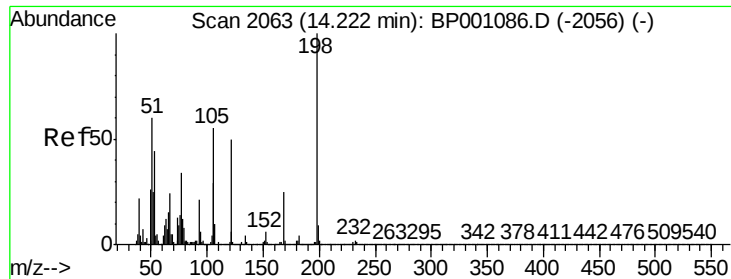


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 40.569 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampled :

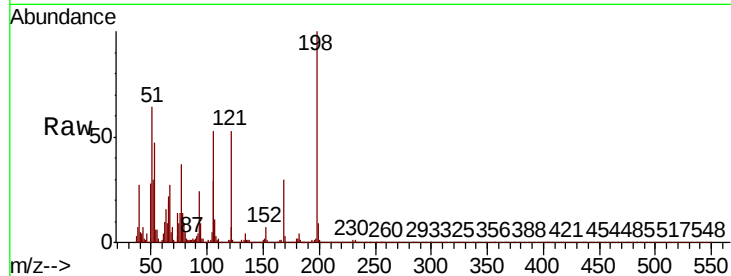
Tot Ion:198 Resp: 68685

Ion Ratio Lower Upper

198 100

51 64.2 40.5 80.5

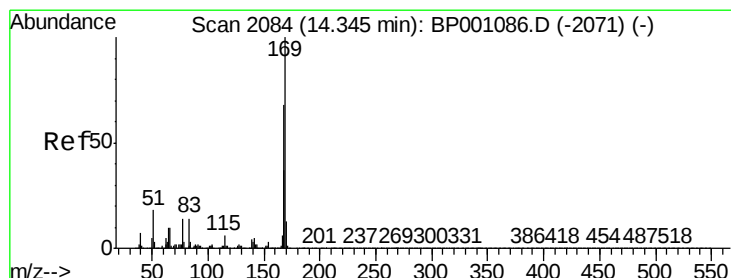
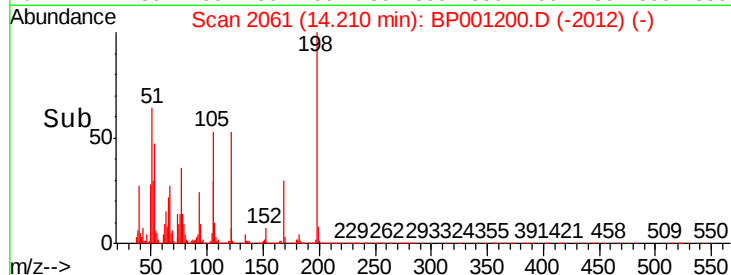
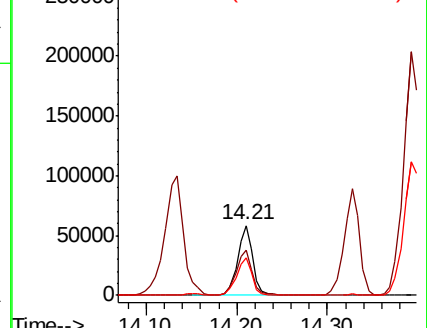
105 53.3 35.7 75.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.282 ng

RT: 14.33 min Scan# 2081

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

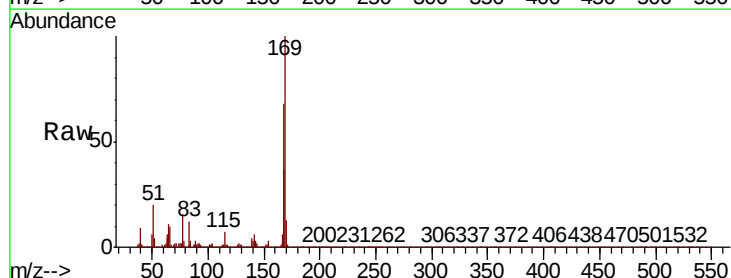
Tgt Ion:169 Resp: 521525

Ion Ratio Lower Upper

169 100

168 67.5 54.1 81.1

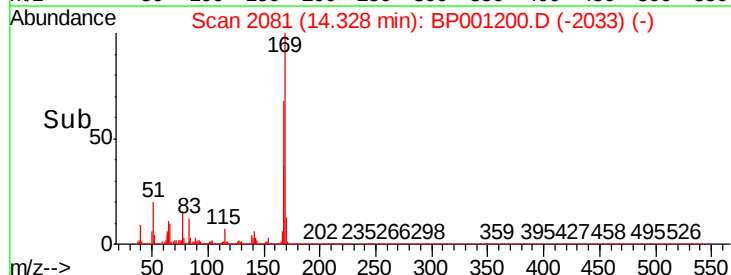
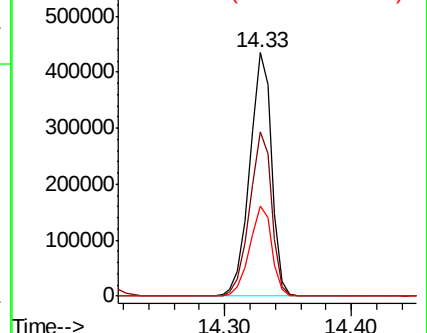
167 37.0 29.5 44.3

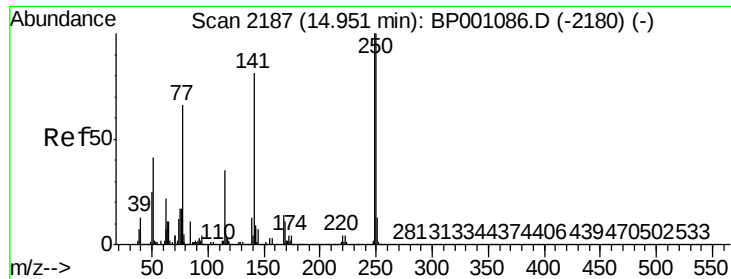


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

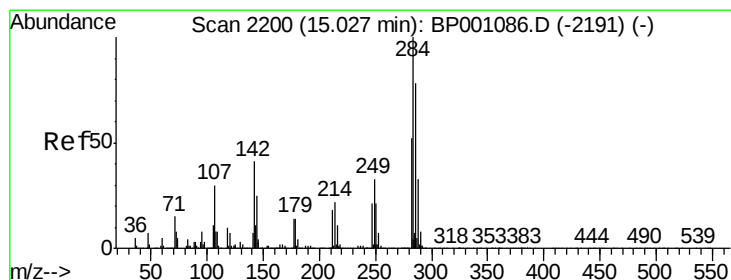
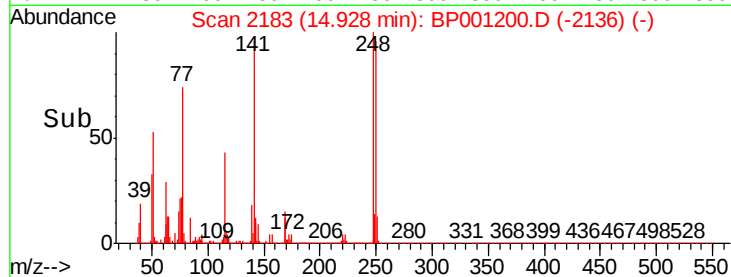
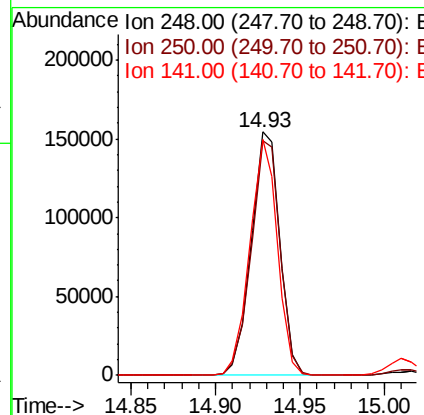
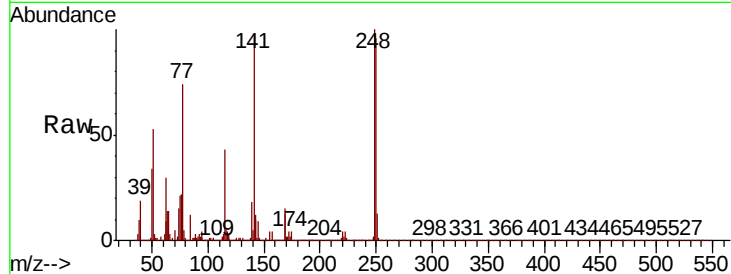




#67
4-Bromophenyl-phenylether
Concen: 41.511 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

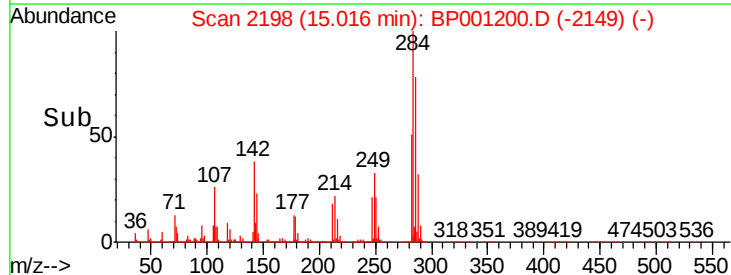
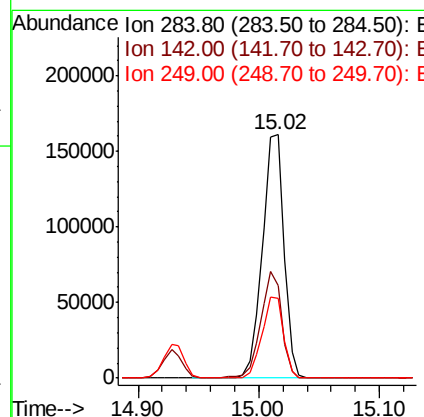
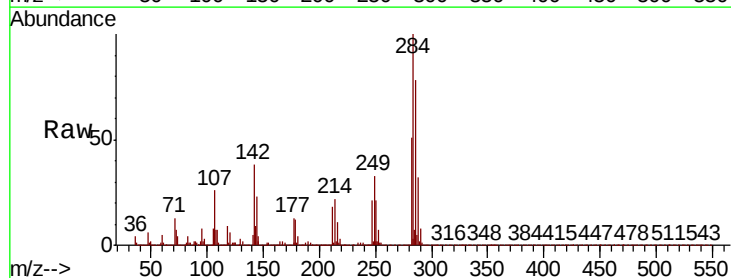
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	80.3	120.5
141	96.8	64.9	97.3



#68
Hexachlorobenzene
Concen: 41.765 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	33.2	49.8
249	32.7	26.2	39.4





#69

Atrazine

Concen: 49.424 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampleId :

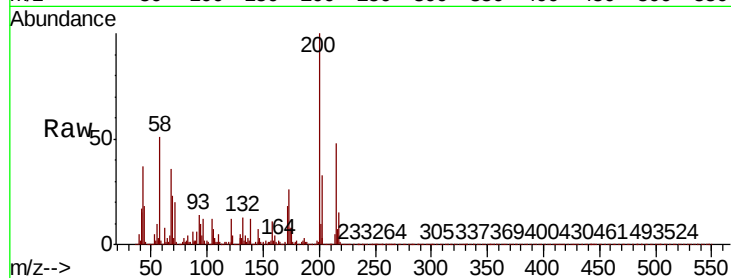
Tot Ion:200 Resp: 186133

Ion Ratio Lower Upper

200 100

173 25.5 6.7 46.7

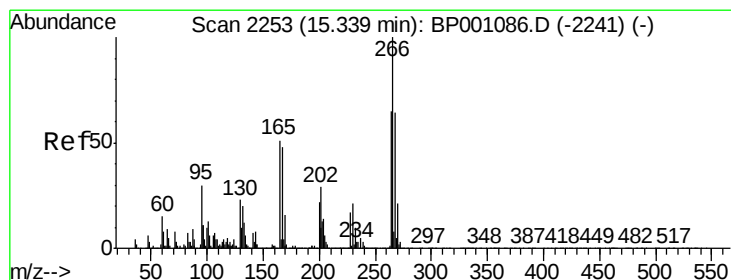
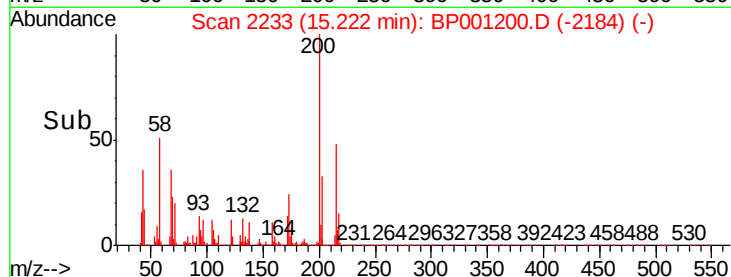
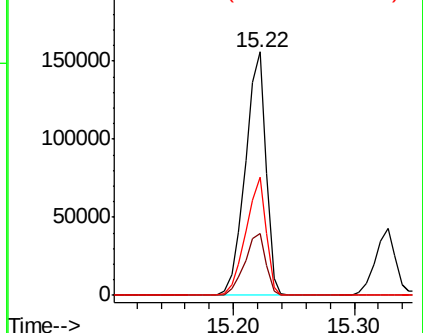
215 48.4 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 94.912 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

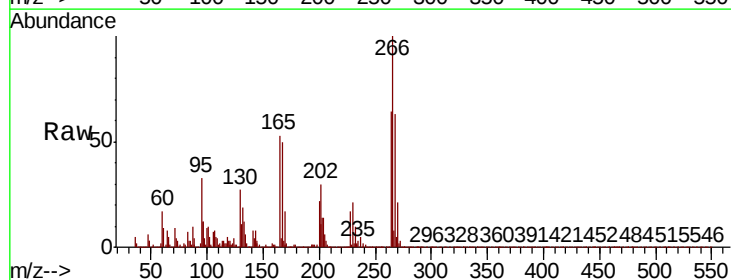
Tgt Ion:266 Resp: 239682

Ion Ratio Lower Upper

266 100

268 62.7 51.6 77.4

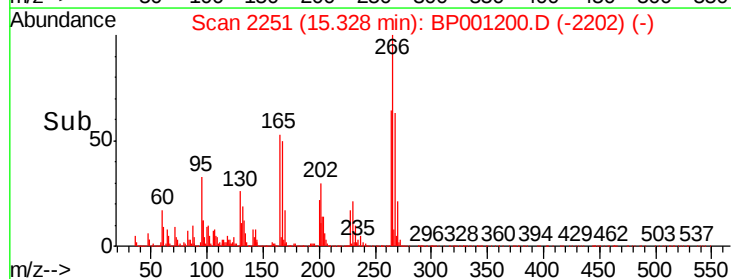
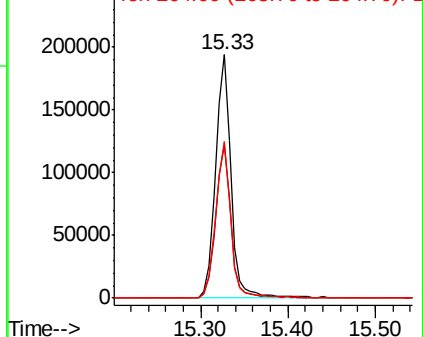
264 64.2 52.2 78.4

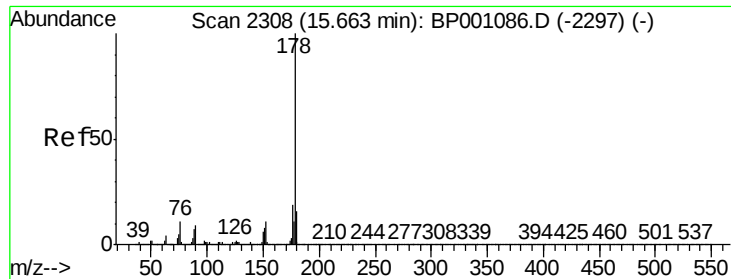


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

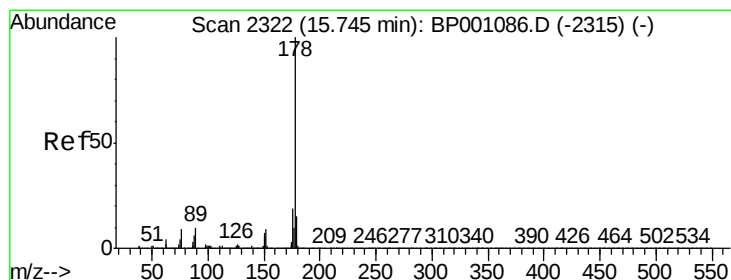
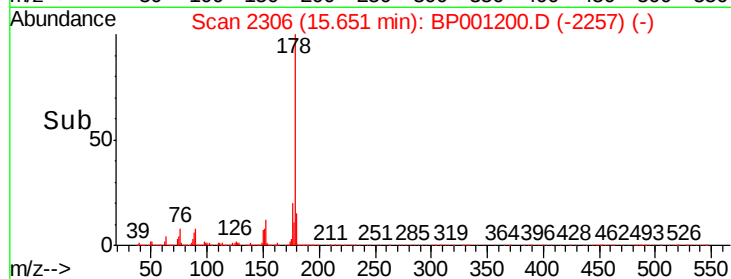
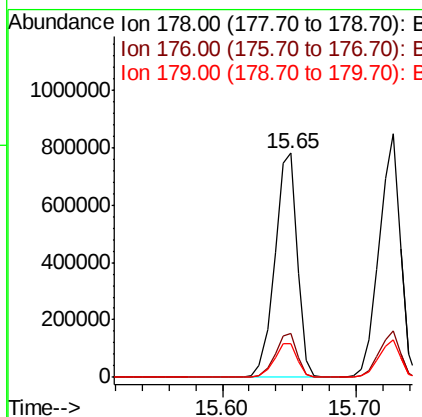
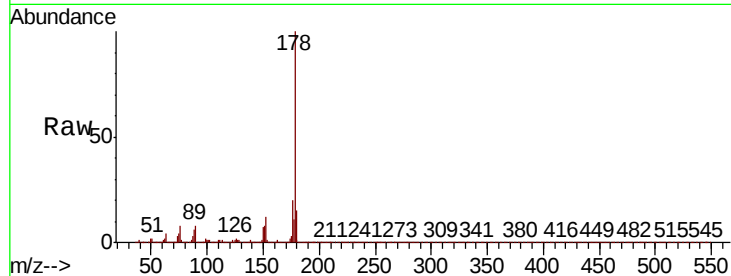




#71
Phenanthrene
Concen: 43.004 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

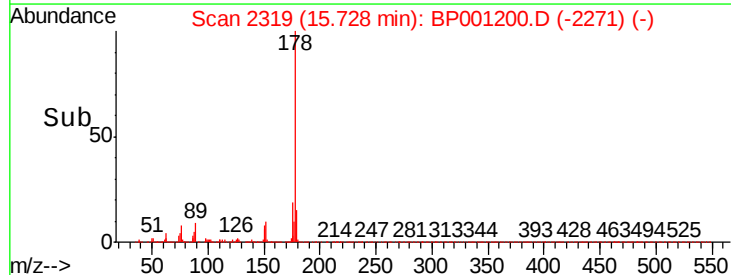
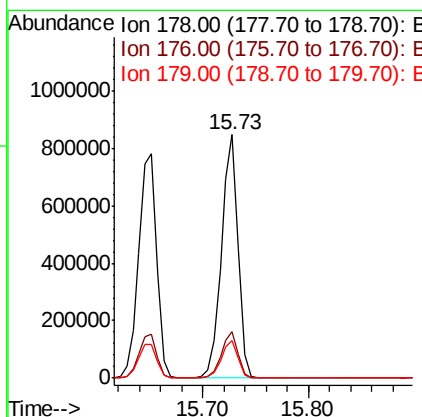
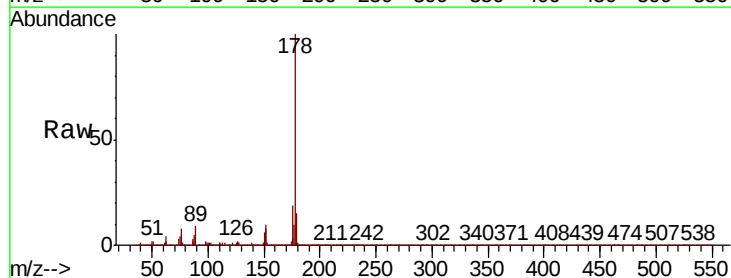
Instrument :
BNA_P
ClientSampleId :

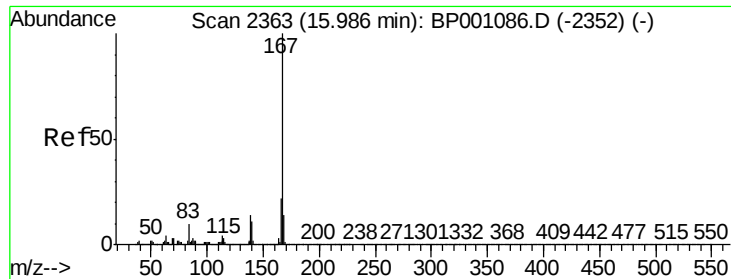
Tot Ion:178 Resp: 917780
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.3 12.5 18.7



#72
Anthracene
Concen: 44.018 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:178 Resp: 925937
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.4 12.2 18.4

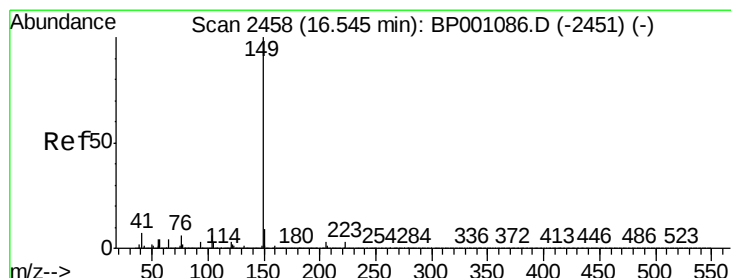
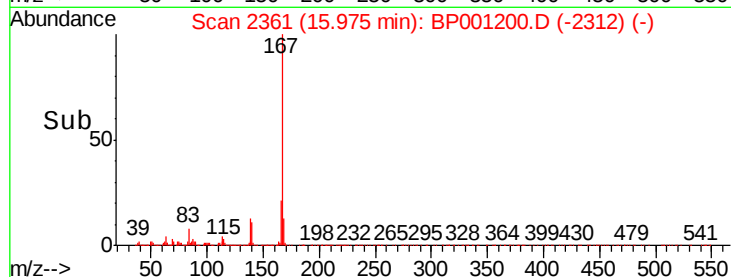
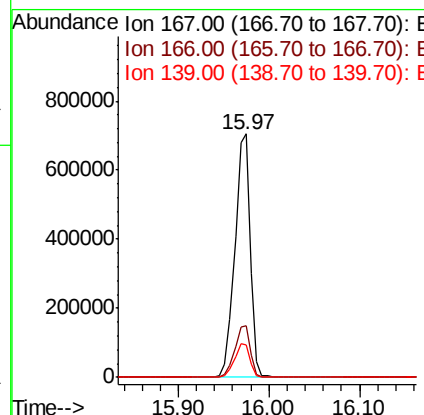
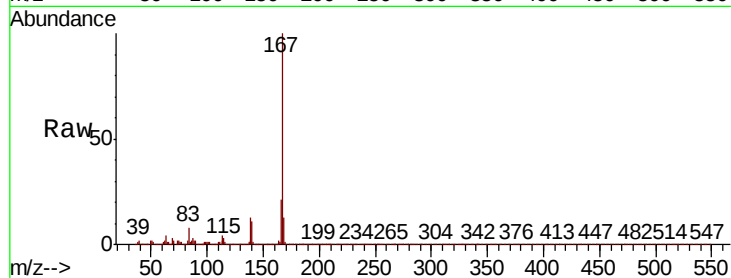




#73
 Carbazole
 Concen: 43.794 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

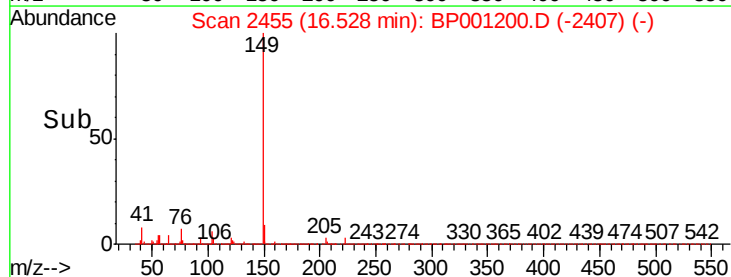
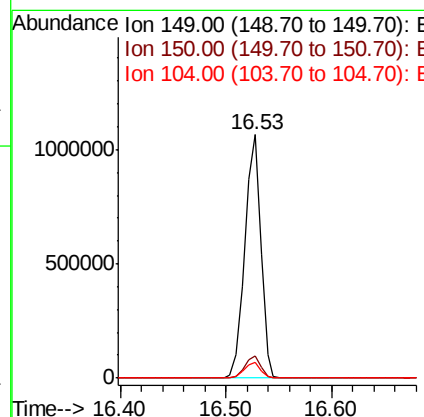
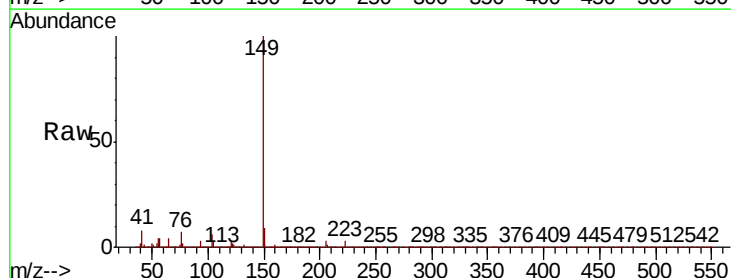
Instrument :
 BNA_P
 ClientSampleId :

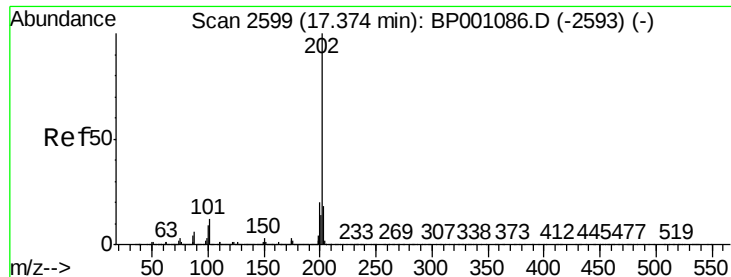
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.5	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 42.701 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001200.D
 Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	6.3	4.6	6.8





#75

Fluoranthene

Concen: 45.094 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampleId :

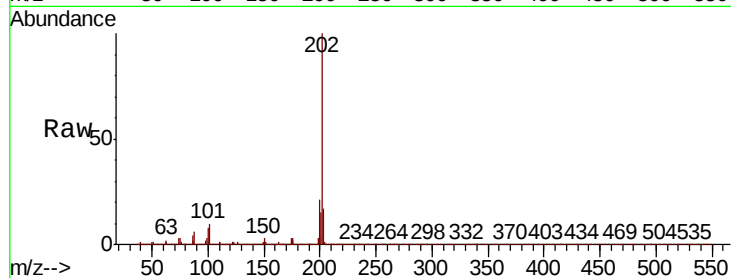
Tot Ion:202 Resp: 1018844

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.1

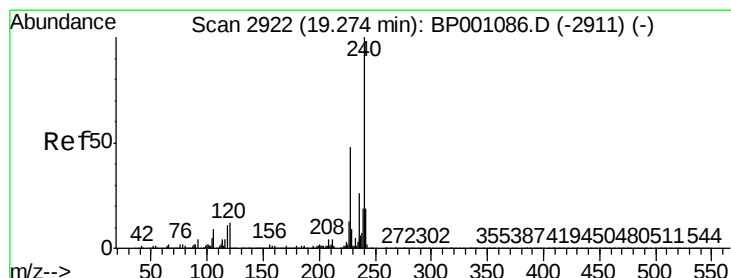
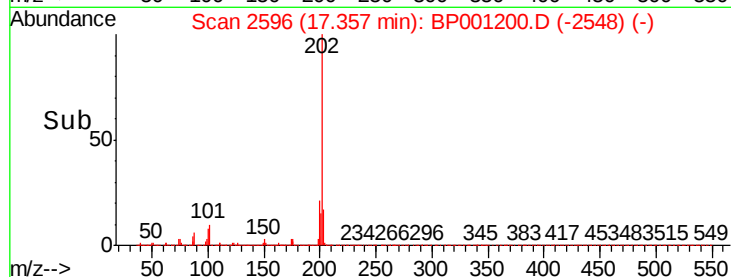
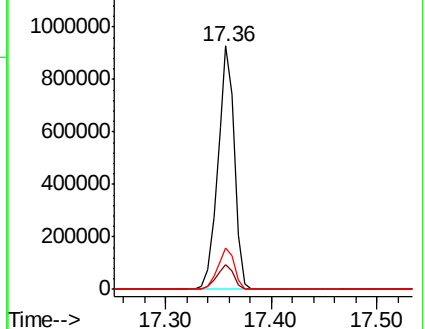
203 17.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

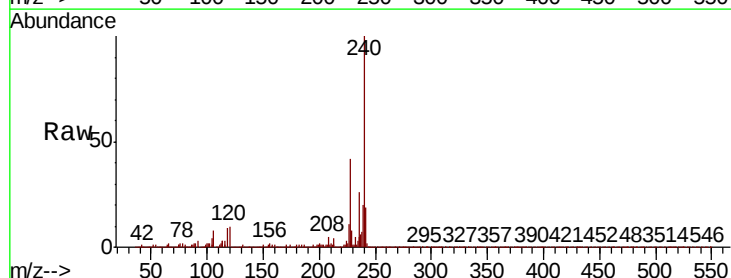
Tgt Ion:240 Resp: 326211

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

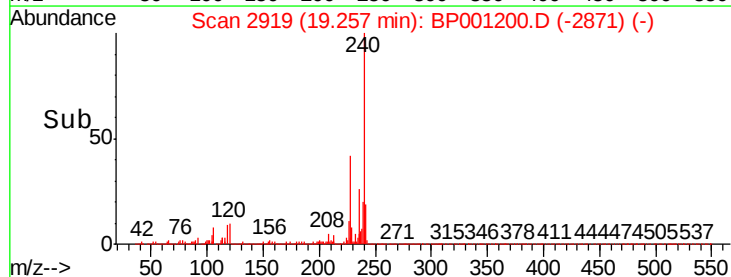
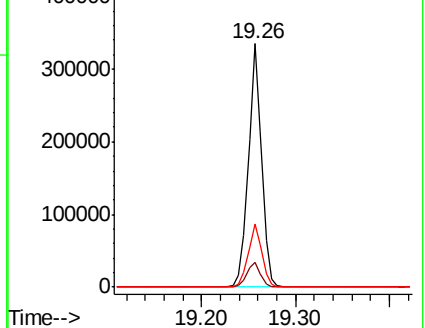
236 25.7 20.4 30.6

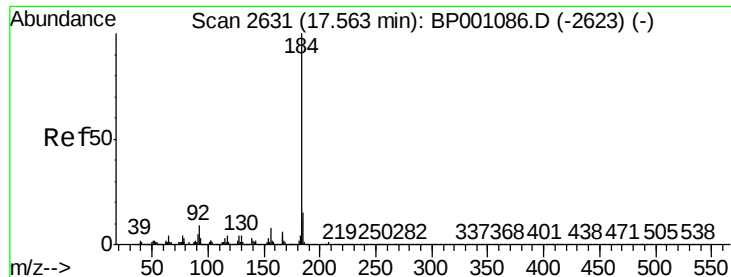


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

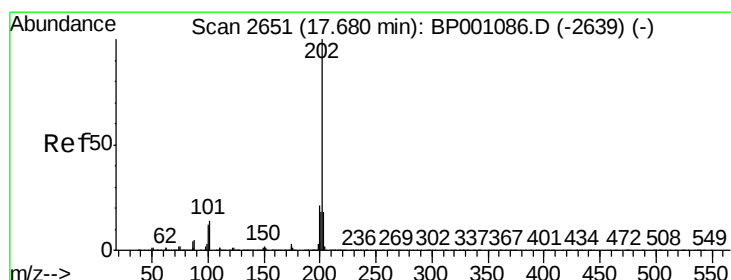
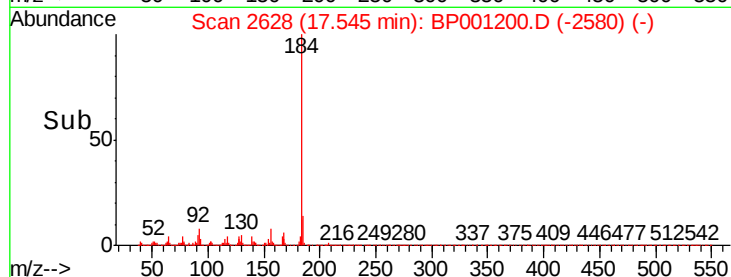
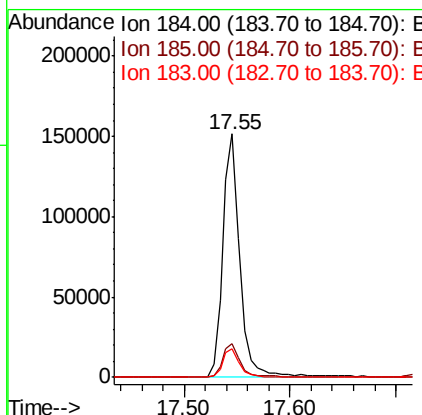
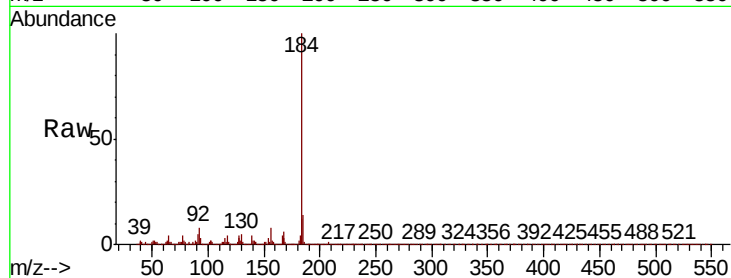




#77
Benzidine
Concen: 20.336 ng
RT: 17.55 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

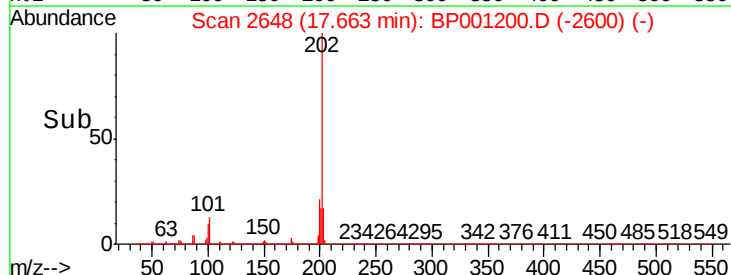
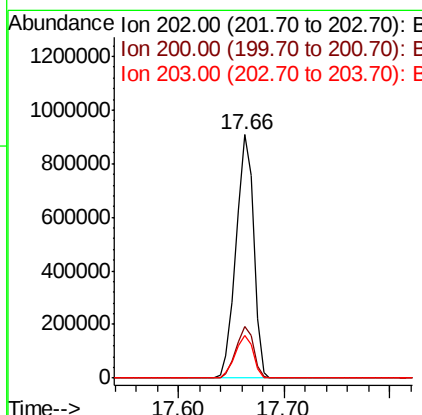
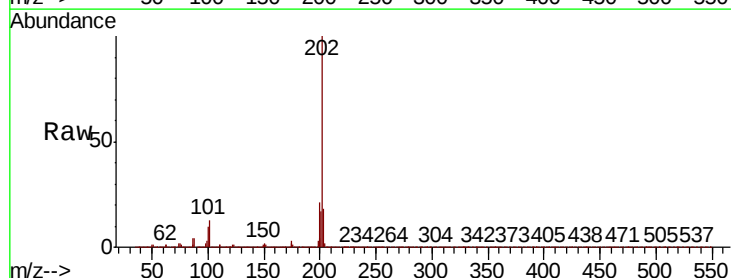
Instrument :
BNA_P
ClientSampleId :

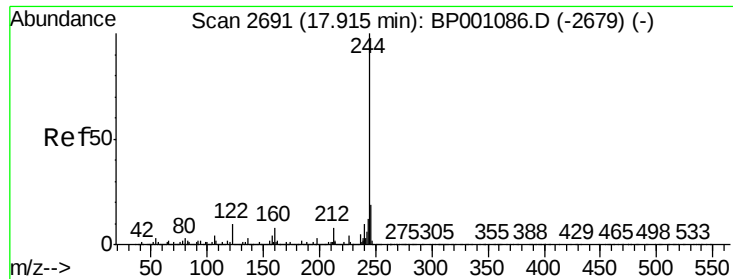
Tot Ion:184 Resp: 171284
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.4
183 11.8 9.3 13.9



#78
Pyrene
Concen: 40.261 ng
RT: 17.66 min Scan# 2648
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:202 Resp: 1034421
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 63.336 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampleId :

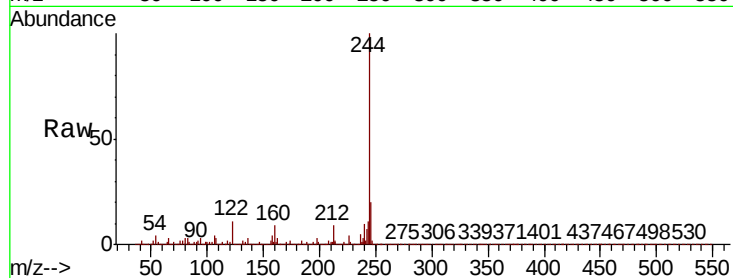
Tot Ion:244 Resp: 1116752

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

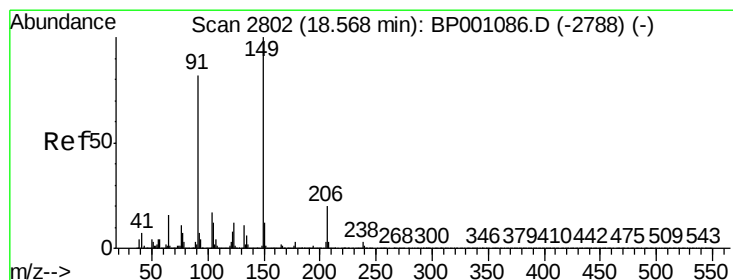
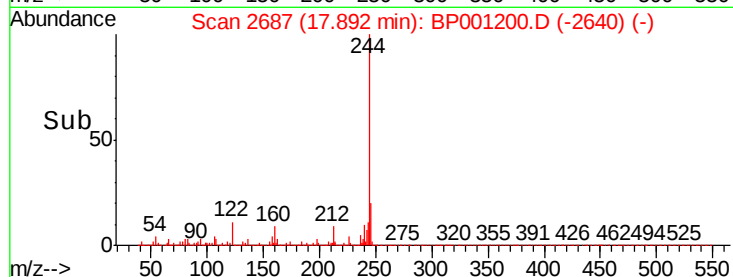
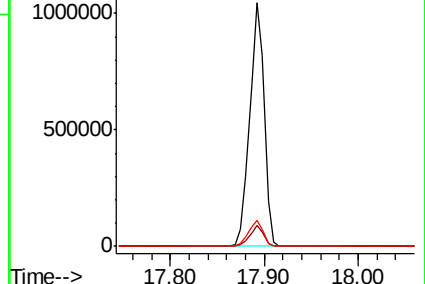
122 10.8 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.956 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

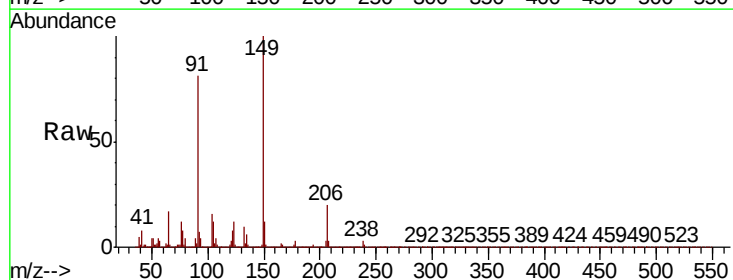
Tgt Ion:149 Resp: 474166

Ion Ratio Lower Upper

149 100

91 80.5 65.4 98.2

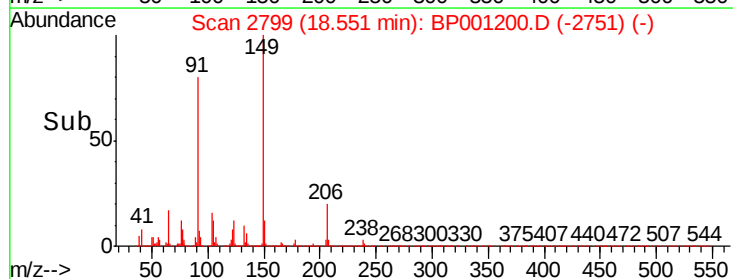
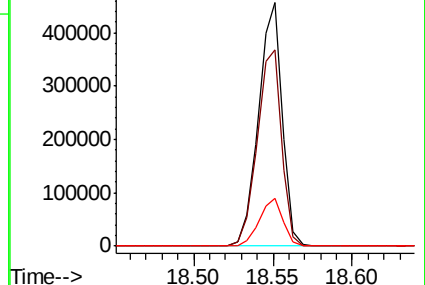
206 19.7 16.0 24.0

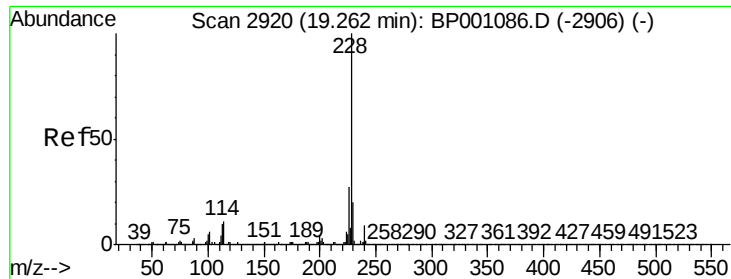


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.588 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampled :

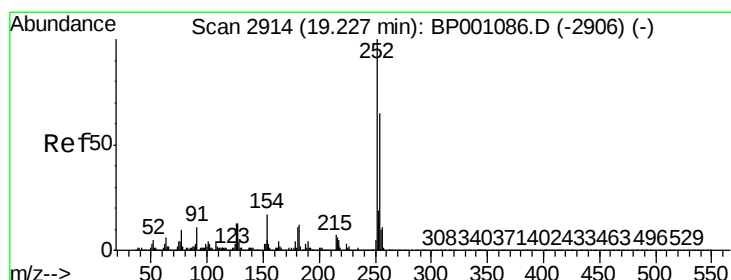
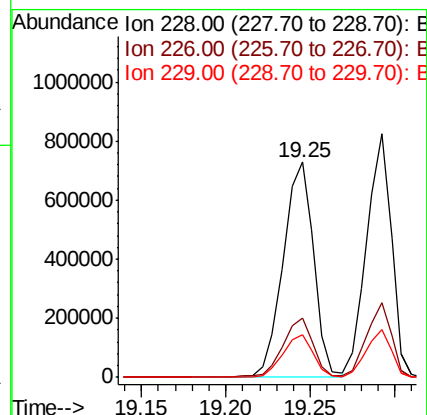
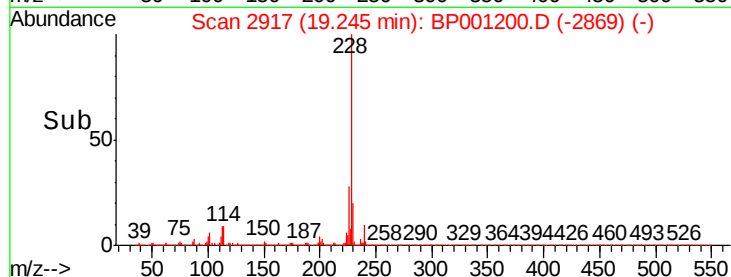
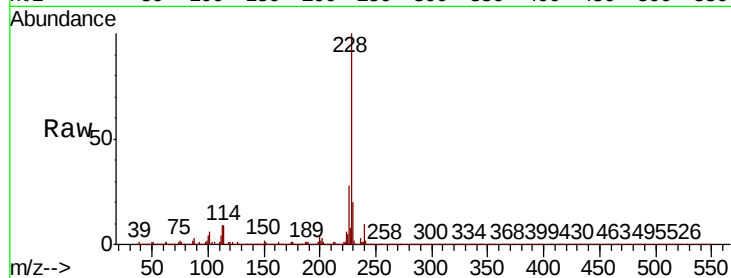
Tot Ion:228 Resp: 917987

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.206 ng

RT: 19.21 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

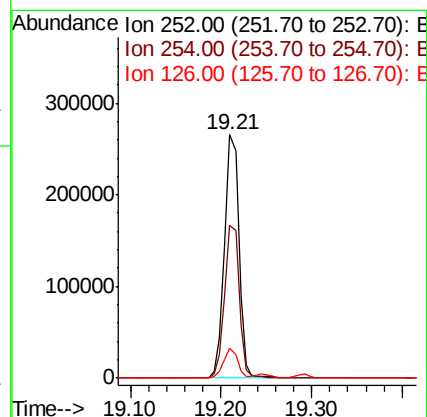
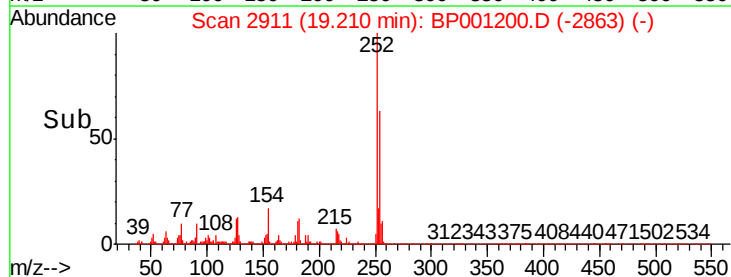
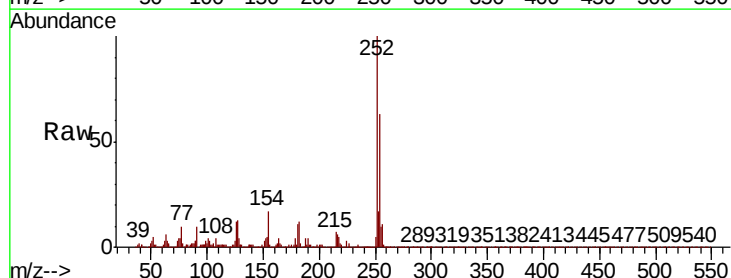
Tgt Ion:252 Resp: 292941

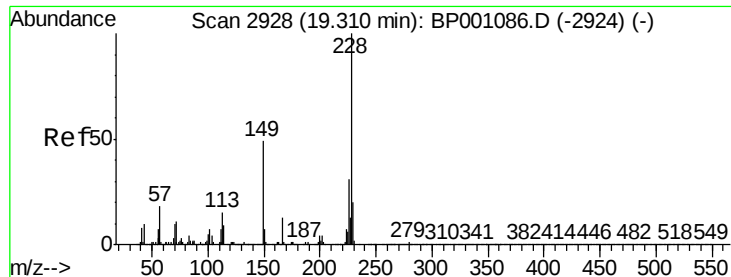
Ion Ratio Lower Upper

252 100

254 62.9 51.7 77.5

126 12.0 10.2 15.4





#83

Chrysene

Concen: 41.742 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

Instrument :

BNA_P

ClientSampled :

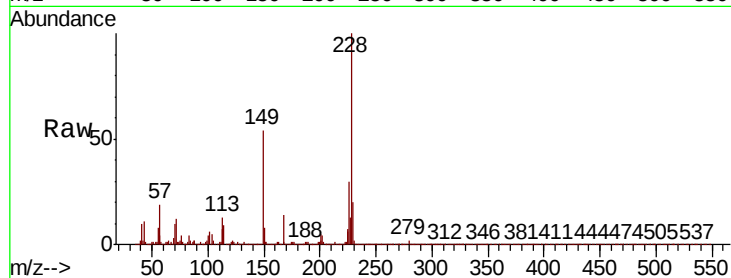
Tot Ion:228 Resp: 845401

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

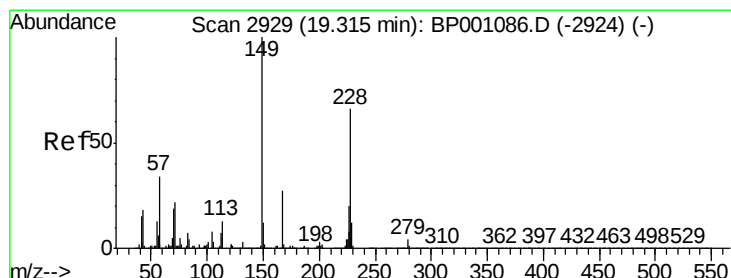
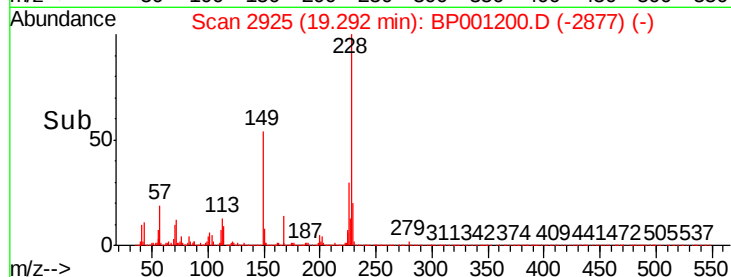
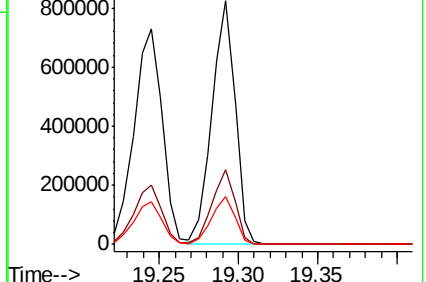
229 19.6 15.7 23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.663 ng

RT: 19.30 min Scan# 2926

Delta R.T. -0.02 min

Lab File: BP001200.D

Acq: 04 Dec 2019 15:04

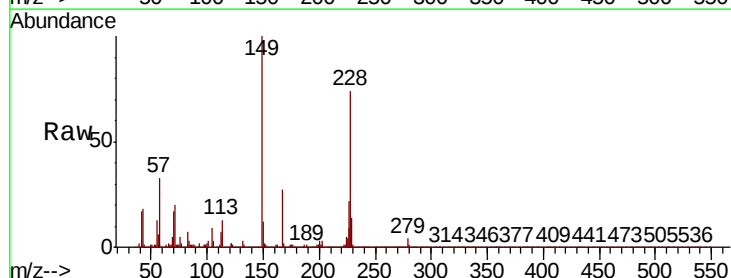
Tgt Ion:149 Resp: 647135

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

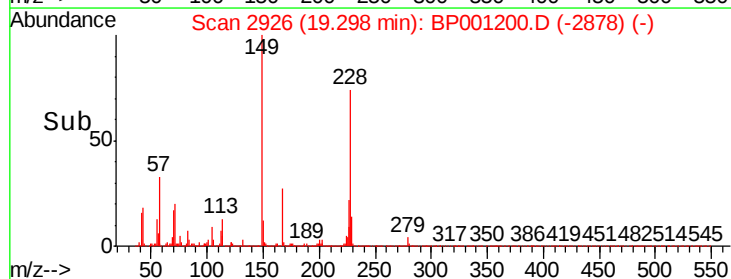
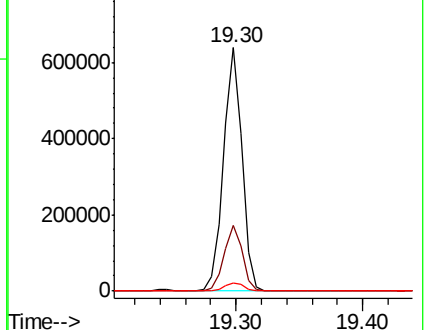
279 3.5 2.8 4.2

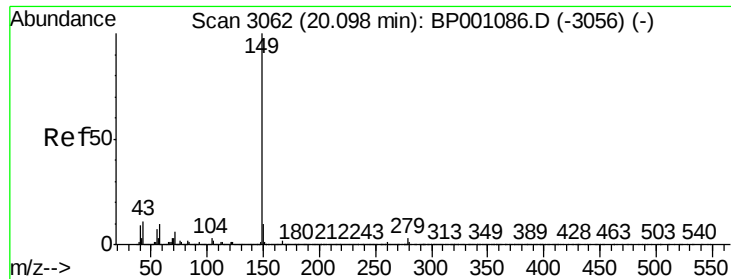


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

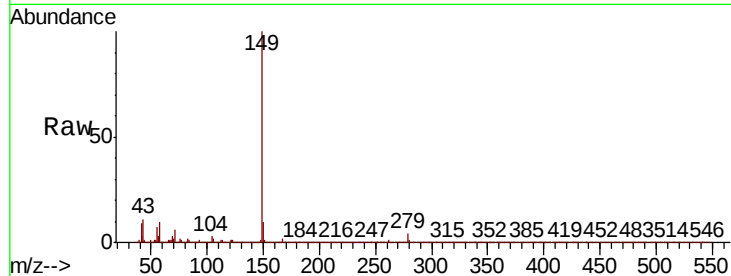




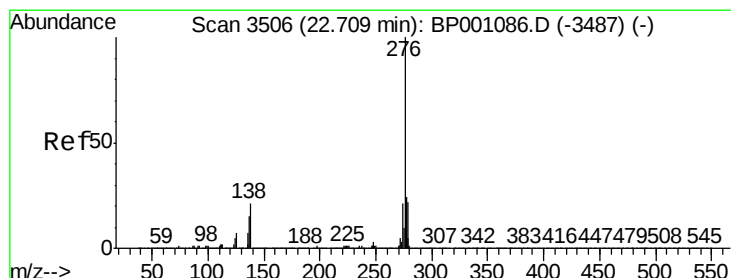
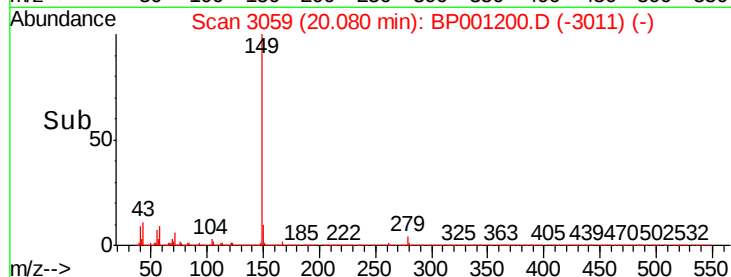
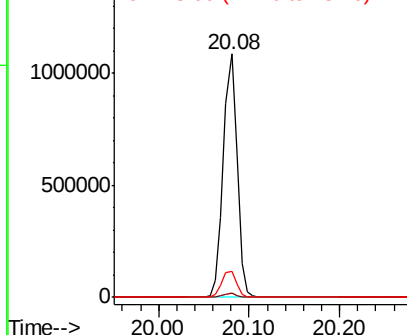
#85
Di-n-octyl phthalate
Concen: 39.292 ng
RT: 20.08 min Scan# 3059
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Instrument :
BNA_P
ClientSampled :

Tot Ion:149 Resp: 1138843
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.3 8.5 12.7

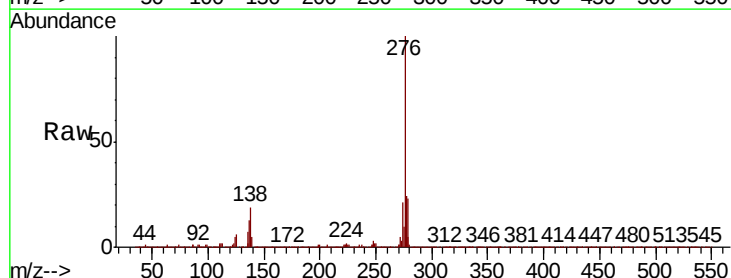


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0

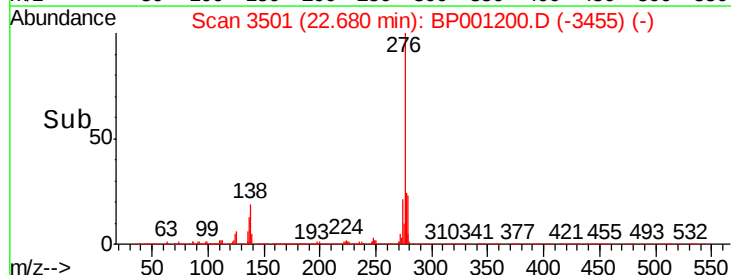
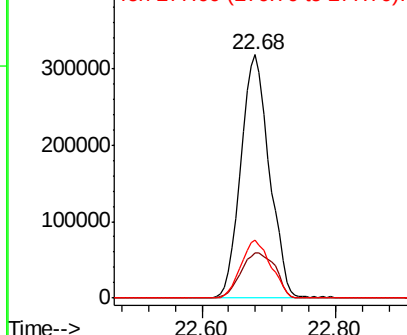


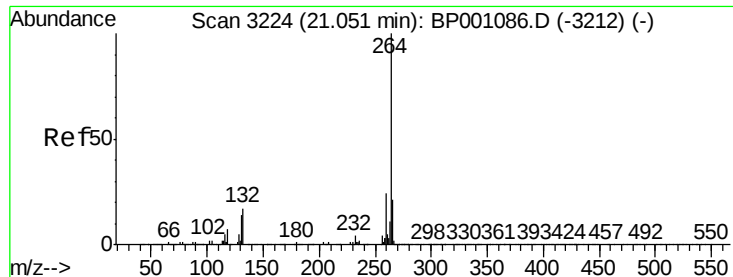
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.177 ng
RT: 22.68 min Scan# 3501
Delta R.T. -0.03 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:276 Resp: 935111
Ion Ratio Lower Upper
276 100
138 22.5 20.6 30.8
277 25.1 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

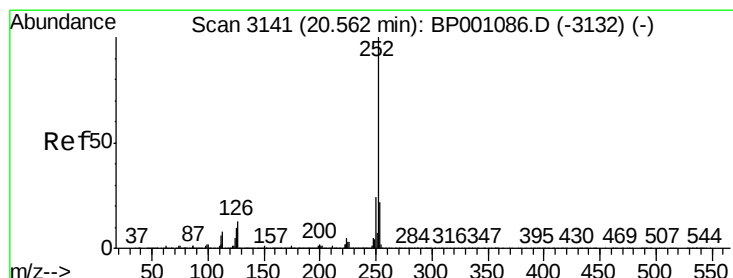
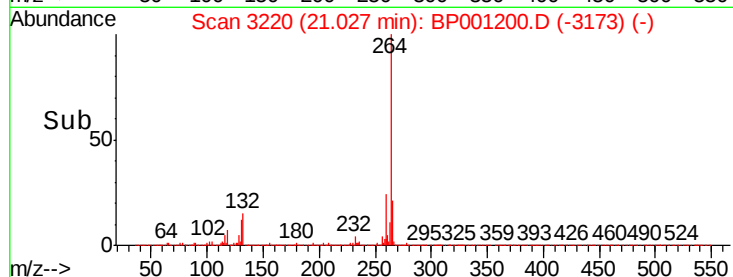
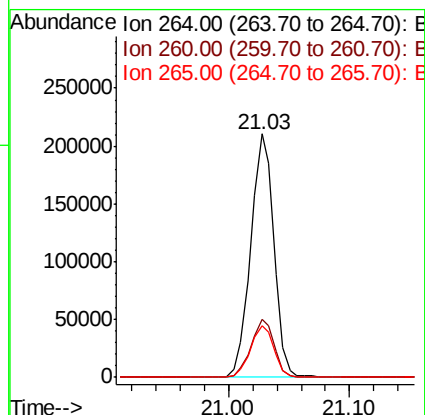
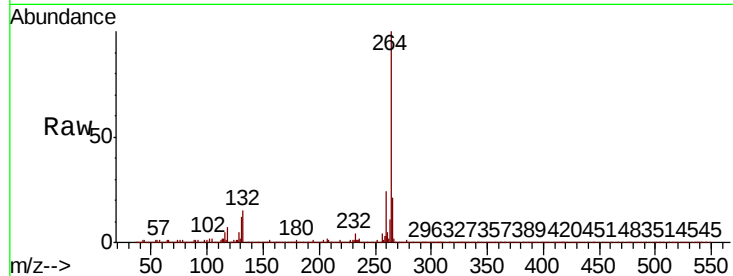




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

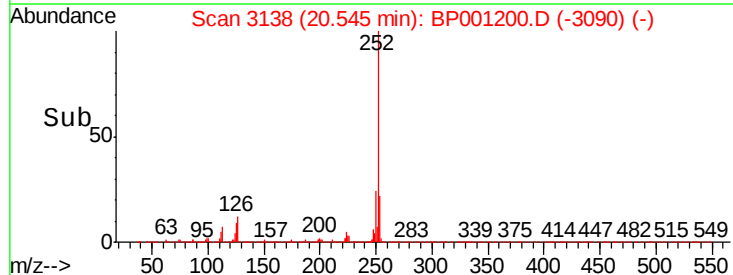
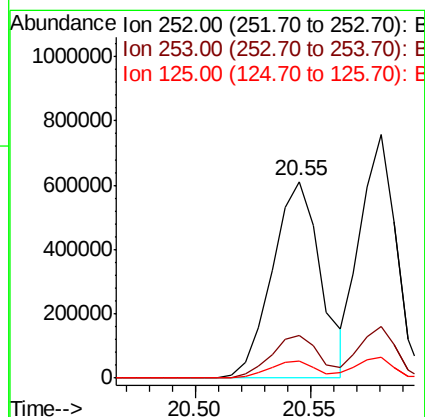
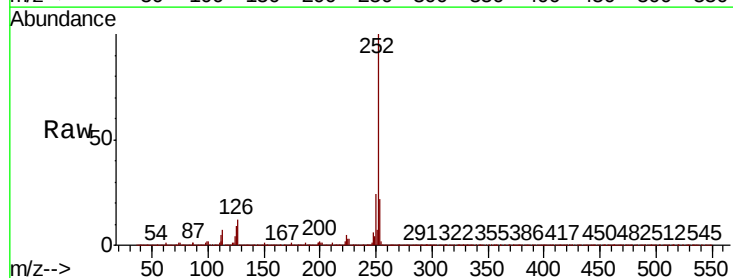
Instrument :
BNA_P
ClientSampleId :

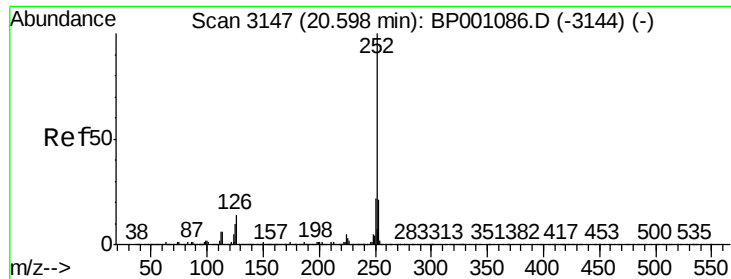
Tot Ion:264 Resp: 283284
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.2 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 51.448 ng
RT: 20.55 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion:252 Resp: 890201
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.7 8.1 12.1

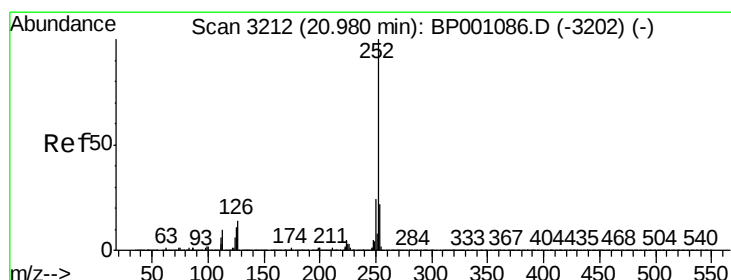
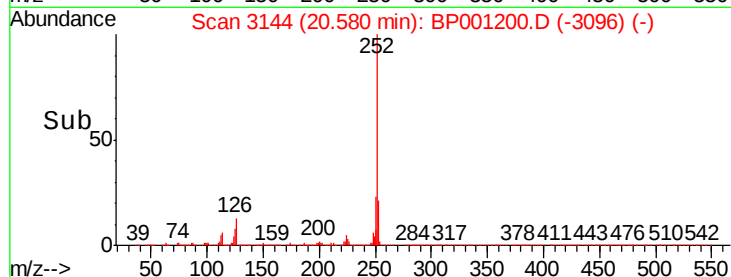
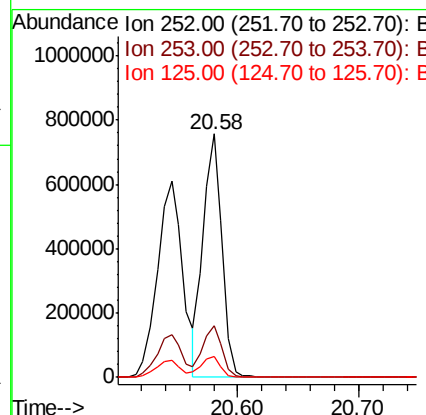
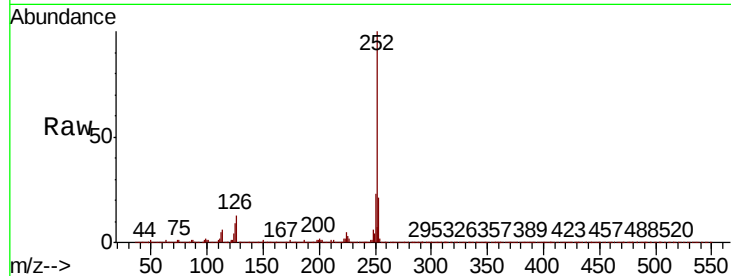




#89
Benzo(k)fluoranthene
Concen: 49.040 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

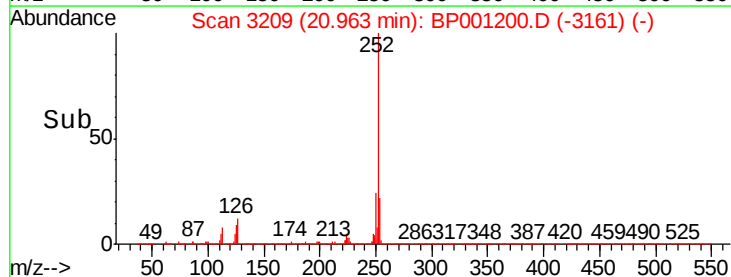
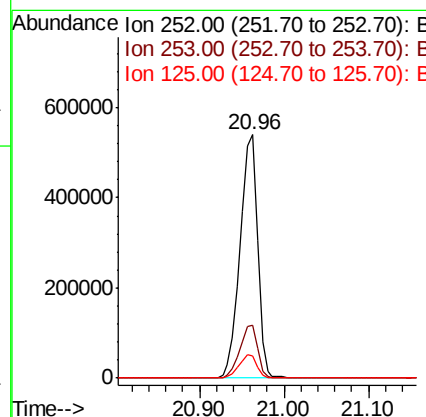
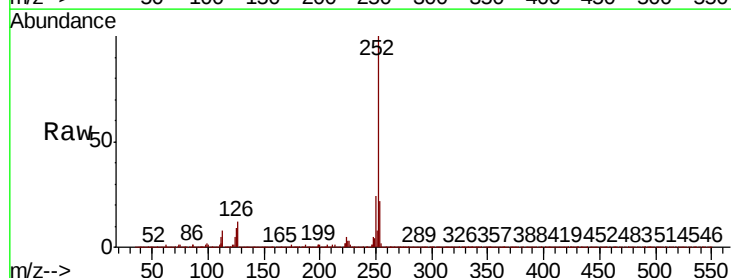
Instrument :
BNA_P
ClientSampleId :

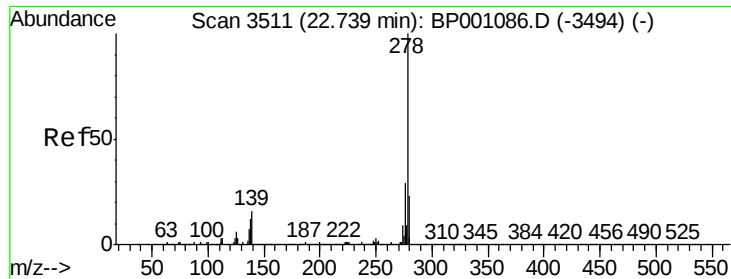
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	8.5	8.2	12.2



#90
Benzo(a)pyrene
Concen: 48.298 ng
RT: 20.96 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.1	8.7	13.1

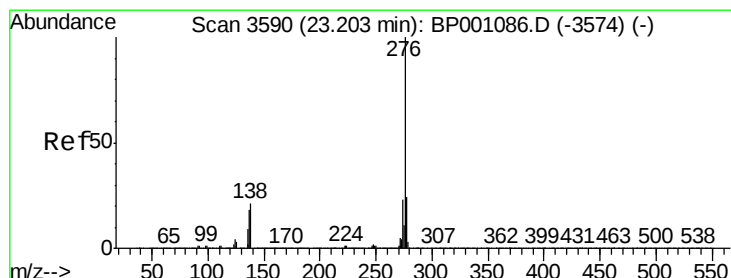
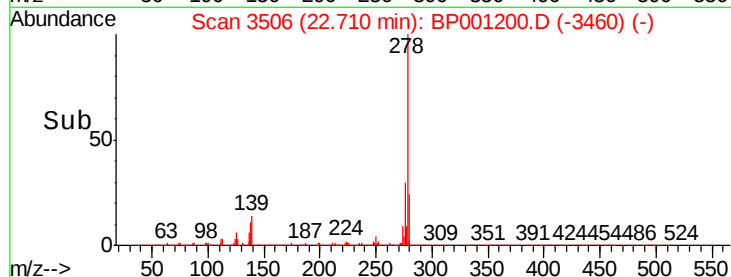
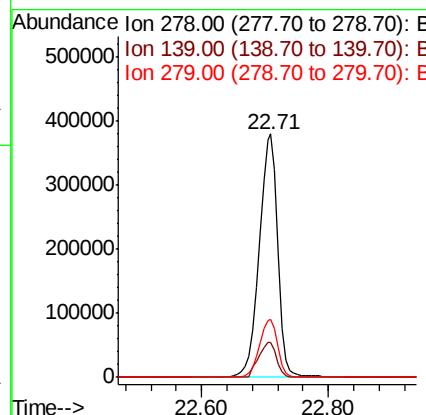
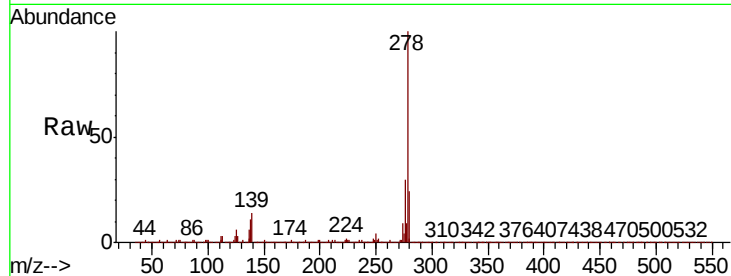




#91
Dibenzo(a,h)anthracene
Concen: 50.427 ng
RT: 22.71 min Scan# 3506
Delta R.T. -0.03 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	13.0	19.4
279	23.9	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 51.104 ng
RT: 23.17 min Scan# 3585
Delta R.T. -0.03 min
Lab File: BP001200.D
Acq: 04 Dec 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.2	28.8
138	19.0	17.2	25.8

