

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001167.D
 Acq On : 03 Dec 2019 21:08
 Operator : JU
 Sample : PB125109BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:46:47 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	8.31	152	114890	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	403115	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	221350	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	433334	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	343331	20.00	ng	-0.02
87) Perylene-d12	21.02	264	356820	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.22	112	638312	92.18	ng	0.00
7) Phenol-d6	7.76	99	871876	94.51	ng	-0.01
23) Nitrobenzene-d5	9.19	82	837484	90.14	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	205773	96.99	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1371015	90.65	ng	-0.02
79) Terphenyl-d14	17.90	244	1617636	87.17	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	50	0.015	ng	# 1
3) Pyridine	3.52	79	40	0.004	ng	# 92
4) n-Nitrosodimethylamine	3.32	42	42	0.011	ng	# 1
6) Aniline	7.78	93	132	0.011	ng	# 1
8) 2-Chlorophenol	7.98	128	230	0.032	ng	# 1
9) Benzaldehyde	7.61	77	310	Below Cal		# 37
10) Phenol	7.78	94	231	0.022	ng	# 1
11) bis(2-Chloroethyl)ether	7.85	93	47	0.006	ng	# 81
12) 1,3-Dichlorobenzene	8.23	146	12	0.001	ng	# 17
13) 1,4-Dichlorobenzene	8.33	146	29	0.003	ng	# 1
14) 1,2-Dichlorobenzene	8.84	146	8	0.001	ng	# 94
15) Benzyl Alcohol	8.55	79	15634	2.064	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	8.76	45	52	0.004	ng	# 74
17) 2-Methylphenol	8.73	107	50	0.008	ng	# 55
18) Hexachloroethane	9.12	117	7	0.002	ng	# 24
19) n-Nitroso-di-n-propylamine	9.19	70	119550	17.958	ng	# 82
20) 3+4-Methylphenols	8.98	107	24	0.003	ng	# 58
22) Acetophenone	8.96	105	60	0.005	ng	# 18
24) Nitrobenzene	9.19	77	3113	0.337	ng	# 43
25) Isophorone	9.63	82	344	0.021	ng	# 85
26) 2-Nitrophenol	9.59	139	14	0.004	ng	# 98
27) 2,4-Dimethylphenol	9.85	122	33	0.006	ng	# 24
28) bis(2-Chloroethoxy)methane	9.99	93	46	0.004	ng	# 89
29) 2,4-Dichlorophenol	10.12	162	15	0.002	ng	# 1
30) 1,2,4-Trichlorobenzene	10.15	180	16	0.002	ng	# 96
31) Naphthalene	10.38	128	60	0.003	ng	# 91
32) Benzoic acid	10.02	122	20	0.005	ng	# 27
33) 4-Chloroaniline	10.48	127	103	0.012	ng	# 63
34) Hexachlorobutadiene	10.86	225	5	0.001	ng	# 95
35) Caprolactam	11.05	113	15	0.007	ng	# 63
36) 4-Chloro-3-methylphenol	11.12	107	30	0.004	ng	# 89
37) 2-Methylnaphthalene	11.52	142	38	0.003	ng	# 89
38) 1-Methylnaphthalene	11.66	142	23	0.002	ng	# 64
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	6	0.001	ng	# 1

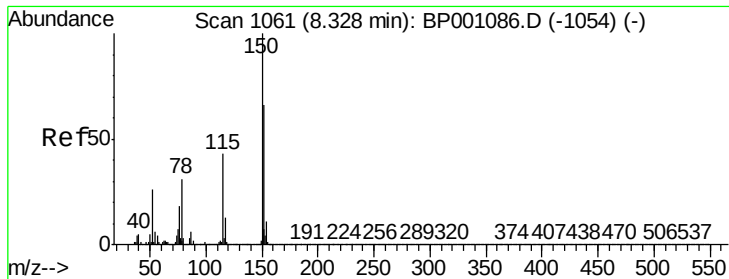
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001167.D
 Acq On : 03 Dec 2019 21:08
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	16	0.005	ng	74
43) 2,4,6-Trichlorophenol	11.98	196	35	0.008	ng	# 12
44) 2,4,5-Trichlorophenol	12.03	196	14	0.003	ng	# 1
46) 1,1'-Biphenyl	12.28	154	2399	0.140	ng	91
47) 2-Chloronaphthalene	12.33	162	8	0.001	ng	# 1
48) 2-Nitroaniline	12.49	65	28	0.005	ng	# 46
49) Acenaphthylene	12.97	152	127	0.006	ng	# 91
50) Dimethylphthalate	12.79	163	22	0.001	ng	# 77
51) 2,6-Dinitrotoluene	12.90	165	20	0.006	ng	# 75
52) Acenaphthene	13.27	154	55	0.004	ng	# 52
53) 3-Nitroaniline	13.13	138	9	0.002	ng	# 59
54) 2,4-Dinitrophenol	13.32	184	12	7.117	ng	# 1
55) Dibenzofuran	13.53	168	20	0.001	ng	# 1
56) 4-Nitrophenol	13.50	139	12	0.004	ng	88
57) 2,4-Dinitrotoluene	13.54	165	28	0.006	ng	# 76
58) Fluorene	14.10	166	17	0.001	ng	# 71
59) 2,3,4,6-Tetrachlorophenol	13.75	232	7	0.002	ng	# 1
60) Diethylphthalate	13.97	149	43	0.003	ng	# 60
61) 4-Chlorophenyl-phenylether	14.12	204	18	0.002	ng	# 73
62) 4-Nitroaniline	12.48	138	15	0.003	ng	# 2
63) Azobenzene	14.33	77	108	0.006	ng	70
65) 4,6-Dinitro-2-methylphenol	14.27	198	20	6.286	ng	# 1
66) n-Nitrosodiphenylamine	14.50	169	8690	0.660	ng	# 50
67) 4-Bromophenyl-phenylether	15.14	248	17	0.004	ng	89
68) Hexachlorobenzene	15.00	284	19	0.004	ng	# 28
69) Atrazine	15.43	200	21	0.005	ng	95
70) Pentachlorophenol	15.31	266	16	0.006	ng	# 41
71) Phenanthrene	15.64	178	177	0.008	ng	# 91
72) Anthracene	15.72	178	74	0.003	ng	# 78
73) Carbazole	15.98	167	56	0.003	ng	# 70
74) Di-n-butylphthalate	16.52	149	250	0.009	ng	# 90
75) Fluoranthene	17.47	202	11	0.000	ng	75
77) Benzidine	17.60	184	69	0.008	ng	98
78) Pyrene	17.89	202	6029	0.223	ng	# 73
80) Butylbenzylphthalate	18.53	149	41	0.003	ng	# 1
81) Benzo(a)anthracene	19.25	228	1220	0.051	ng	# 69
82) 3,3'-Dichlorobenzidine	19.21	252	143	0.018	ng	# 25
83) Chrysene	19.25	228	1220	0.057	ng	# 66
84) Bis(2-ethylhexyl)phthalate	19.30	149	205	0.012	ng	# 86
85) Di-n-octyl phthalate	20.09	149	98	0.003	ng	# 64
86) Indeno(1,2,3-cd)pyrene	22.69	276	26	0.001	ng	# 1
88) Benzo(b)fluoranthene	20.53	252	21	0.001	ng	# 1
89) Benzo(k)fluoranthene	20.56	252	122	0.006	ng	# 44
90) Benzo(a)pyrene	20.97	252	60	0.003	ng	# 1
91) Dibenzo(a,h)anthracene	22.74	278	6	0.000	ng	# 1
92) Benzo(g,h,i)perylene	23.16	276	12	0.001	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

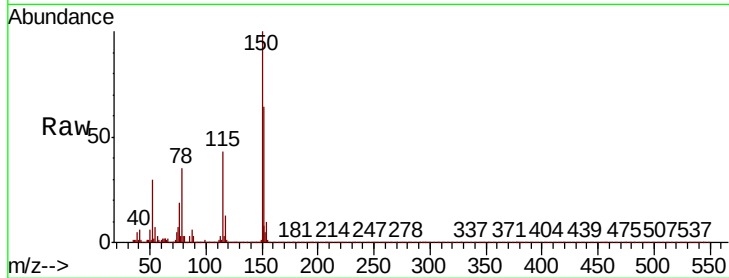
Tot Ion:152 Resp: 114890

Ion Ratio Lower Upper

152 100

150 156.9 120.6 181.0

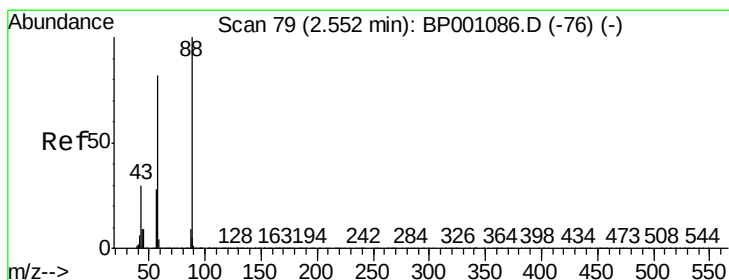
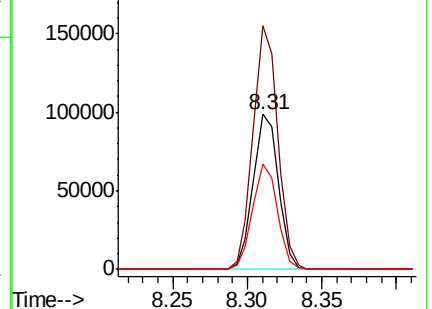
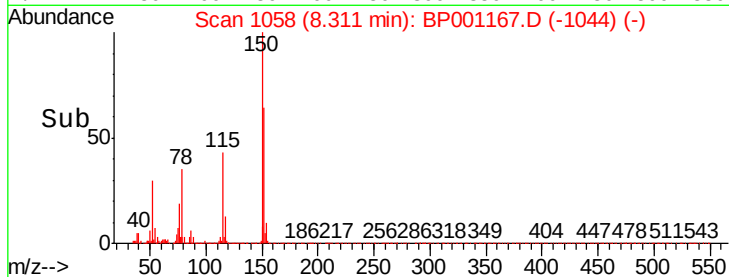
115 67.6 51.6 77.4



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: 0.015 ng

RT: 2.54 min Scan# 77

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

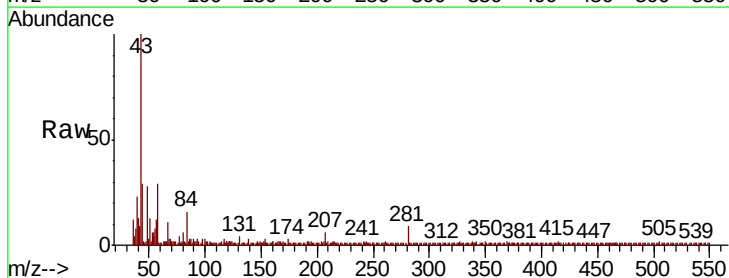
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

88 100

58 272.0 64.3 96.5#

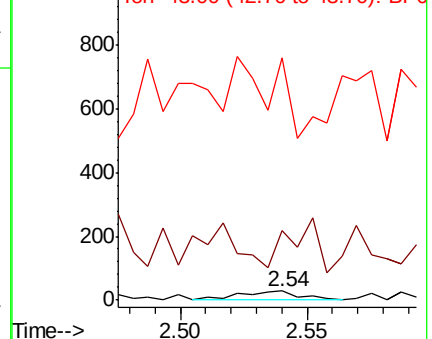
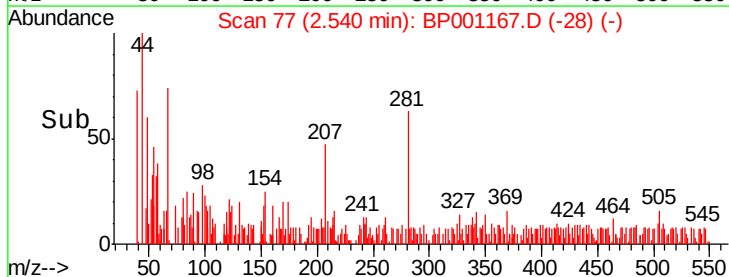
43 0.0 23.8 35.6#

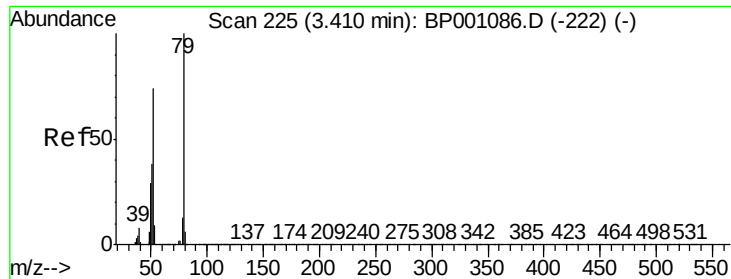


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 0.004 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.11 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

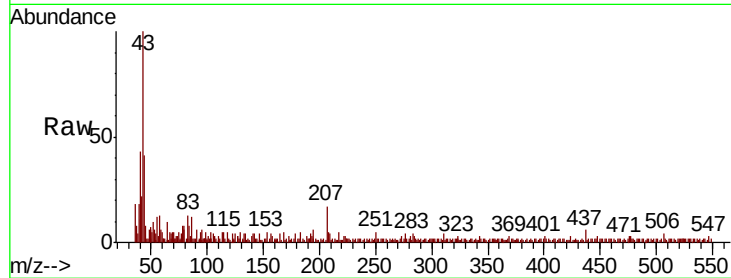
Tot Ion: 79 Resp: 40

Ion Ratio Lower Upper

79 100

52 66.1 59.4 89.2

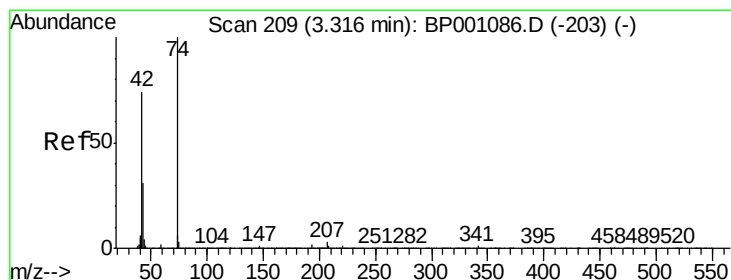
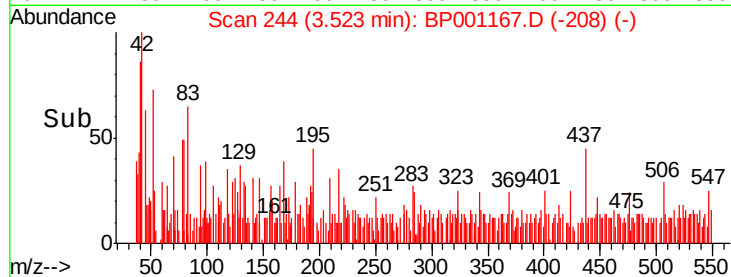
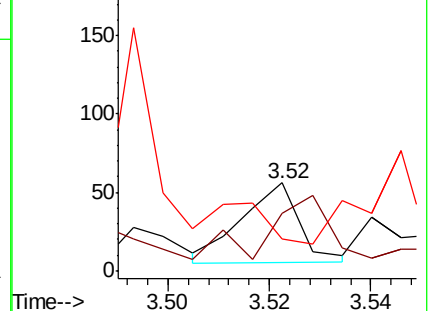
51 35.7 30.2 45.4



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 0.011 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.00 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

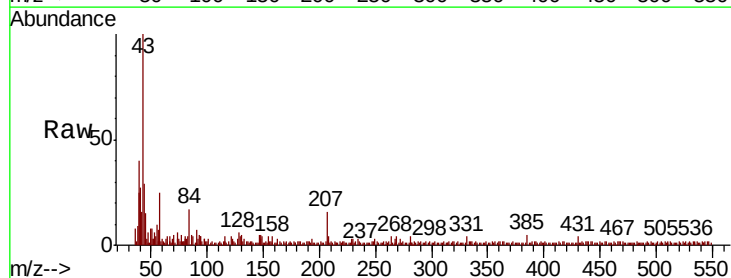
Tgt Ion: 42 Resp: 42

Ion Ratio Lower Upper

42 100

74 17.6 108.6 163.0#

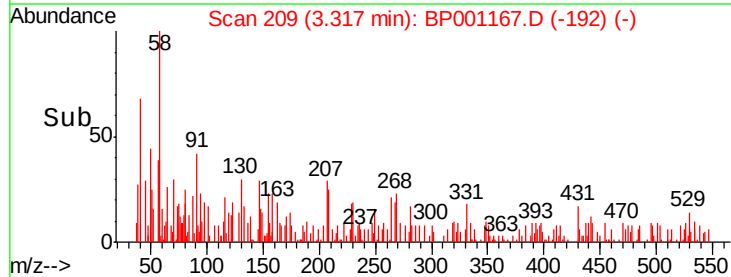
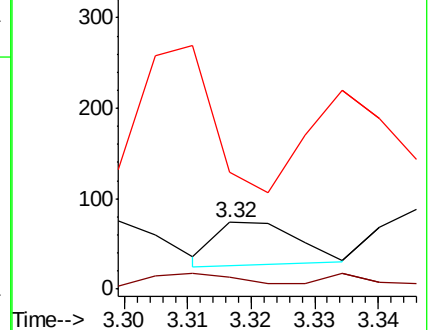
44 175.7 5.1 7.7#

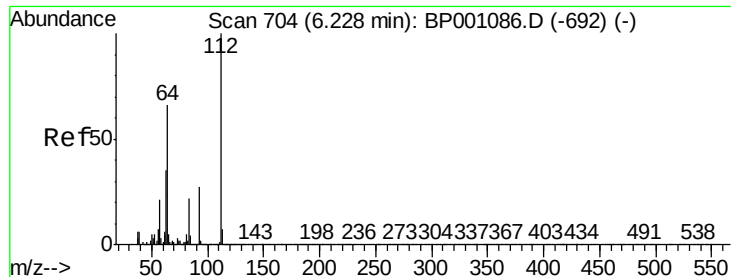


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 92.176 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

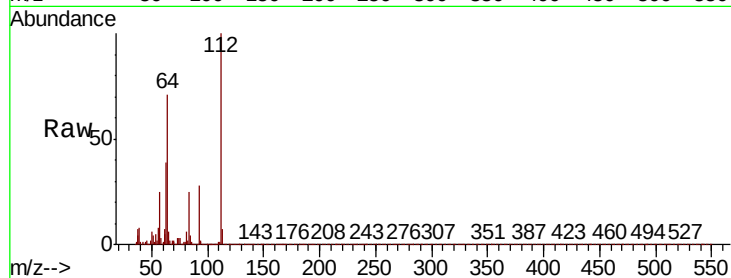
Tot Ion: 112 Resp: 638312

Ion Ratio Lower Upper

112 100

64 70.9 52.8 79.2

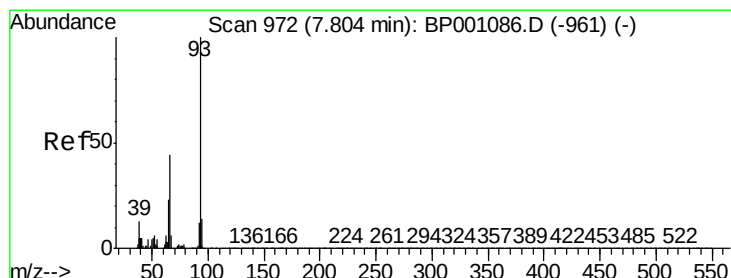
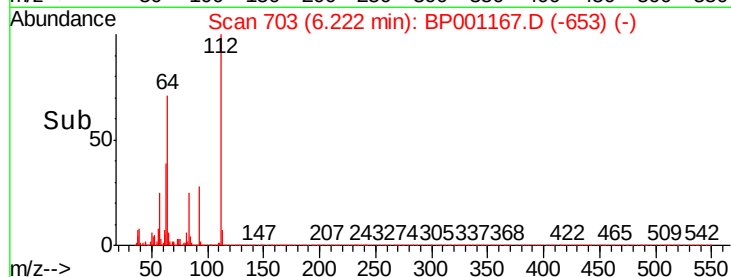
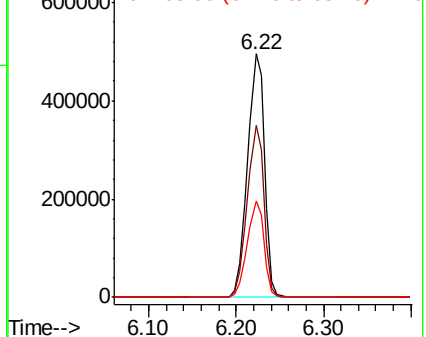
63 39.4 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.011 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

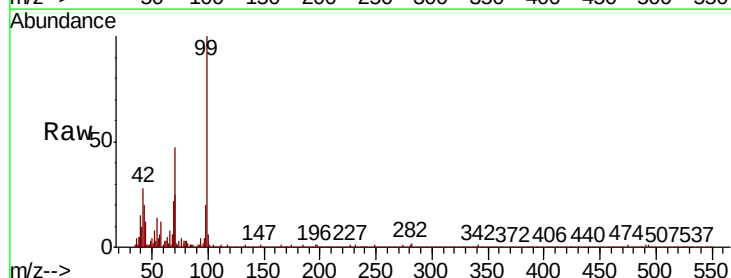
Tgt Ion: 93 Resp: 132

Ion Ratio Lower Upper

93 100

66 172.3 34.9 52.3#

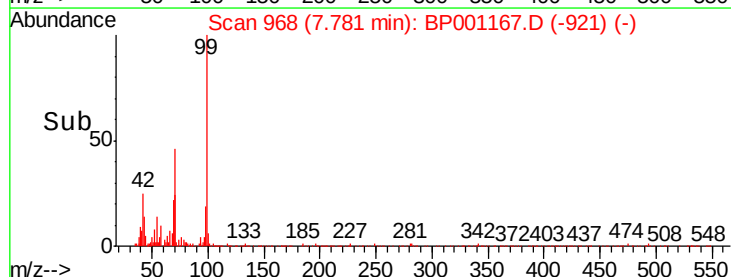
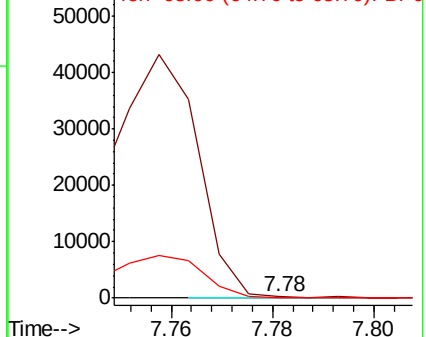
65 53.9 18.5 27.7#

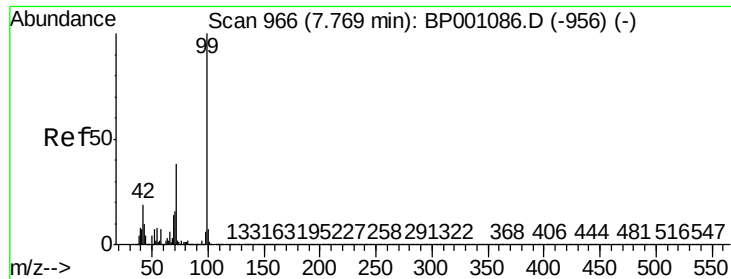


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 94.505 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

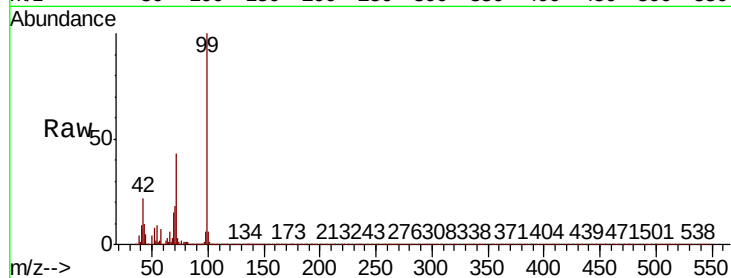
Tot Ion: 99 Resp: 871876

Ion Ratio Lower Upper

99 100

42 21.6 15.4 23.0

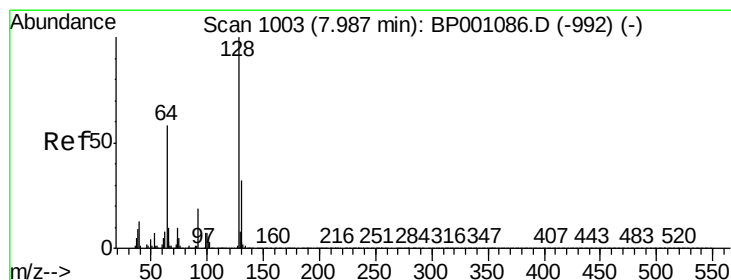
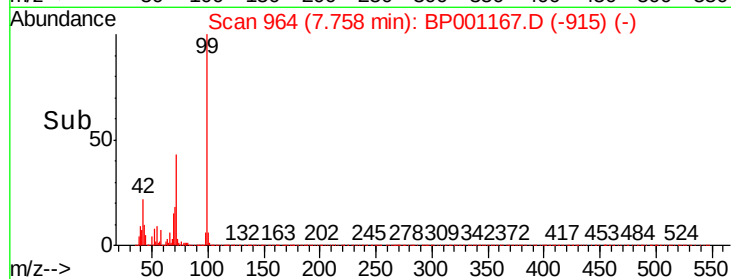
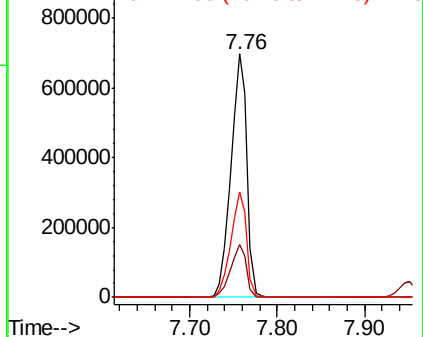
71 43.1 30.8 46.2



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: 0.032 ng

RT: 7.98 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

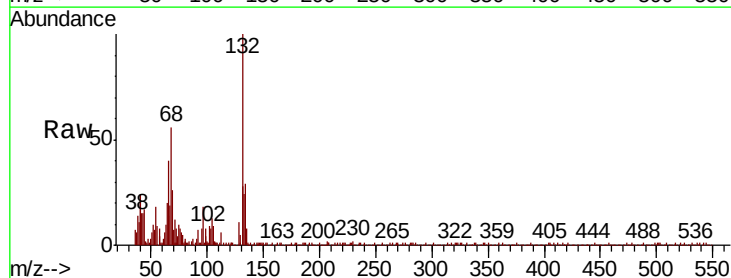
Tgt Ion: 128 Resp: 230

Ion Ratio Lower Upper

128 100

130 44.8 11.7 51.7

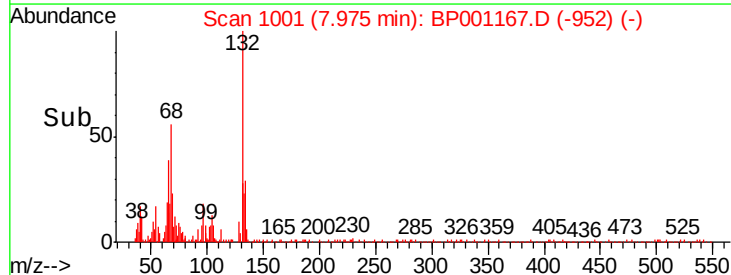
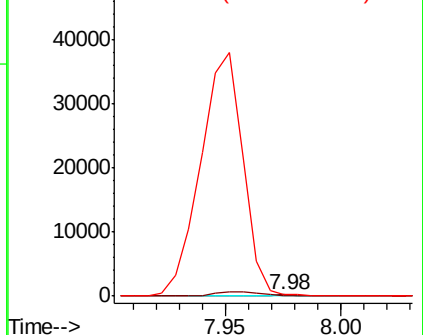
64 177.6 39.7 79.7#

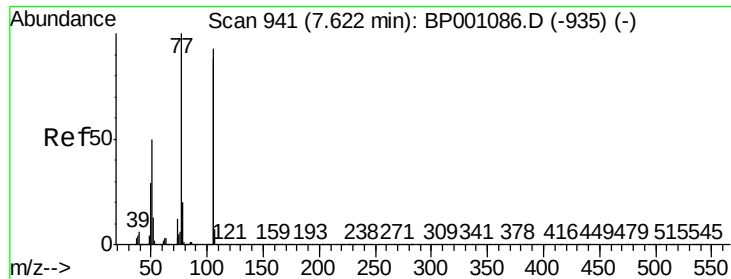


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001167.D

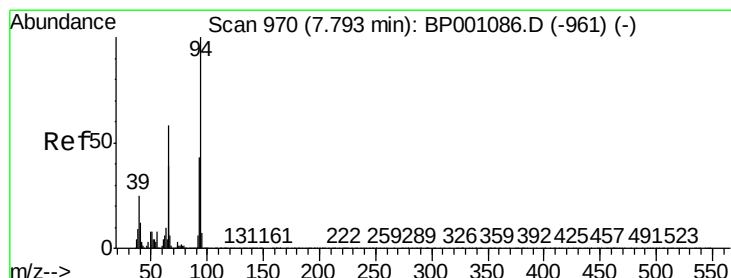
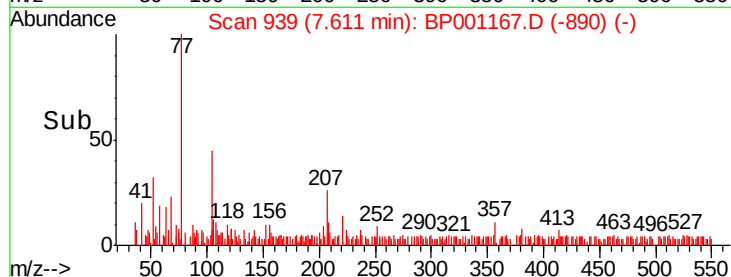
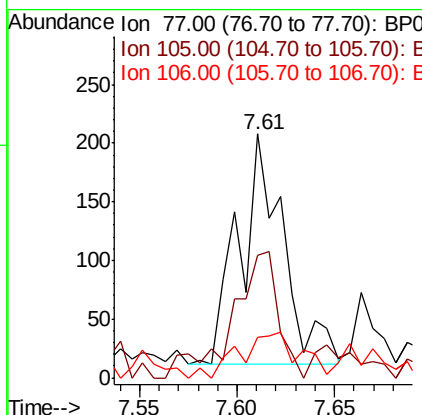
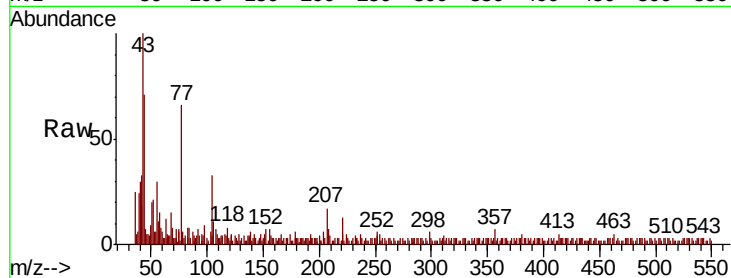
Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampled :

Tot Ion:	77	Resp:	310
Ion	Ratio	Lower	Upper
77	100		
105	45.8	72.5	112.5#
106	15.0	67.6	107.6#



#10

Phenol

Concen: 0.022 ng

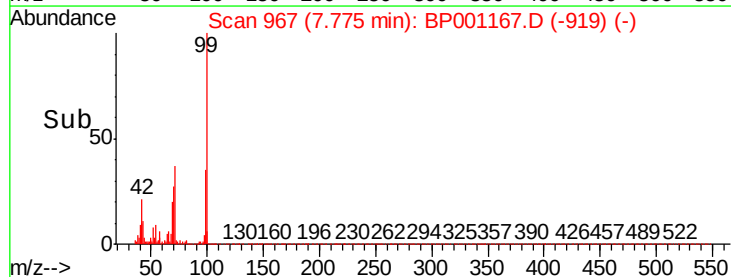
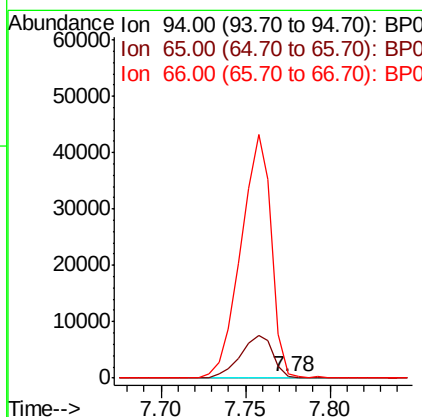
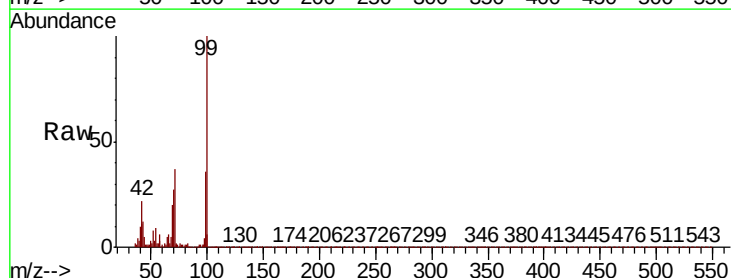
RT: 7.78 min Scan# 967

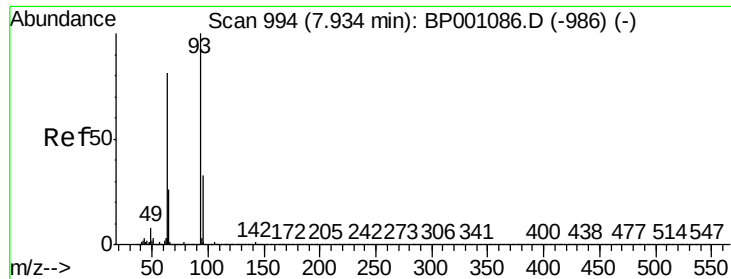
Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:	94	Resp:	231
Ion	Ratio	Lower	Upper
94	100		
65	134.9	18.6	58.6#
66	505.9	37.6	77.6#

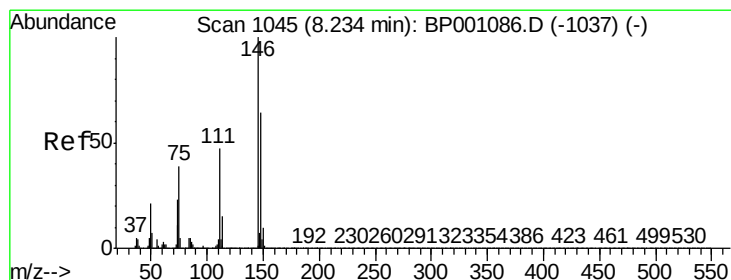
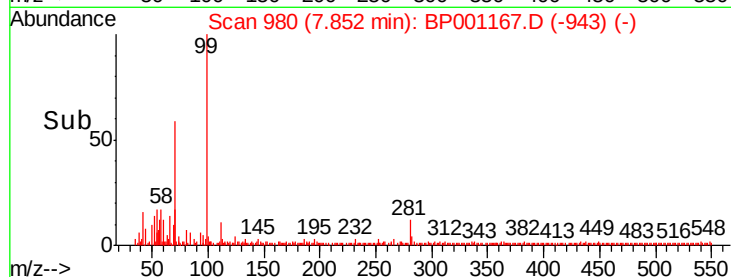
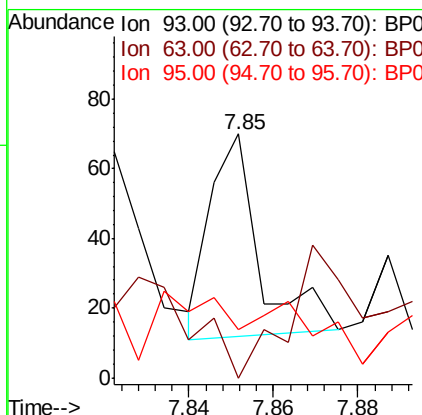
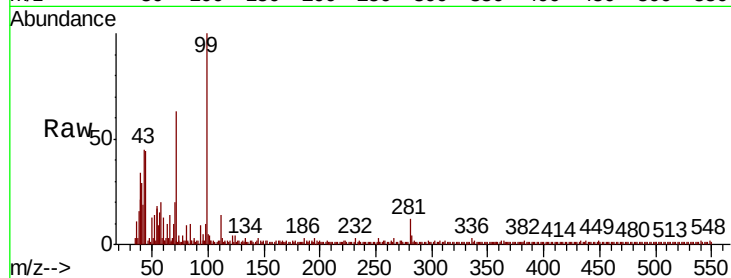




#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.08 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

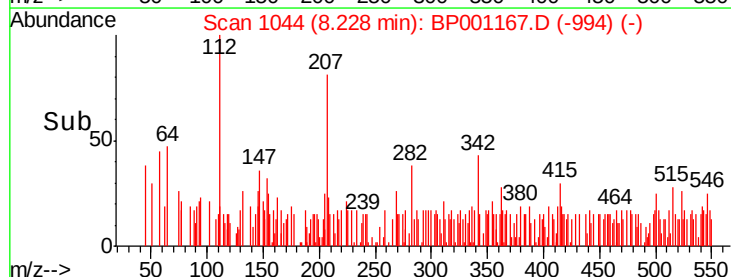
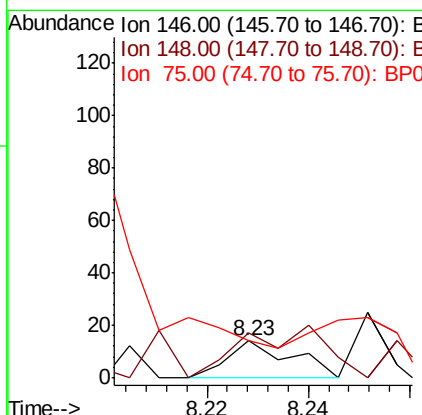
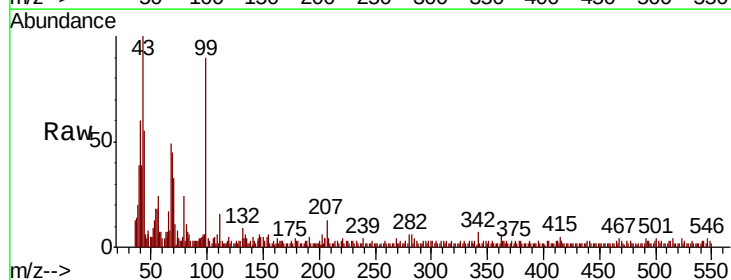
Instrument :
BNA_P
ClientSampleId :

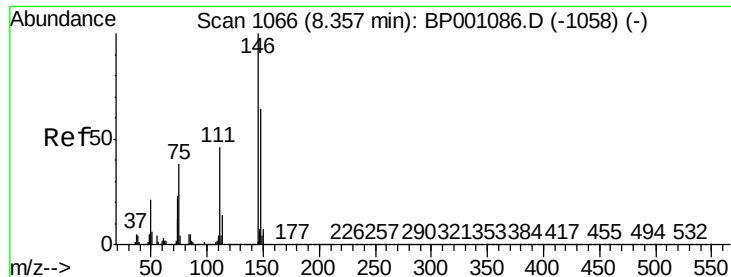
Tot Ion:	93	Resp:	47
Ion	Ratio	Lower	Upper
93	100		
63	95.7	60.7	100.7
95	20.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 0.001 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:	146	Resp:	12
Ion	Ratio	Lower	Upper
146	100		
148	121.4	51.1	76.7#
75	100.0	31.3	46.9#

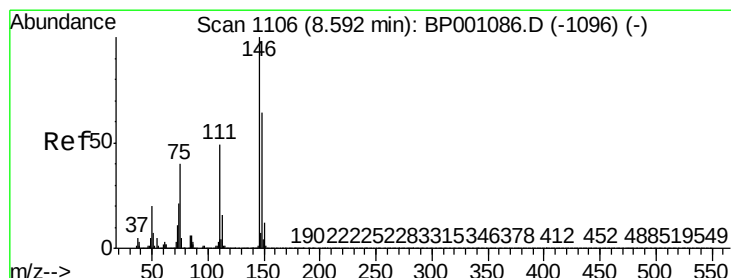
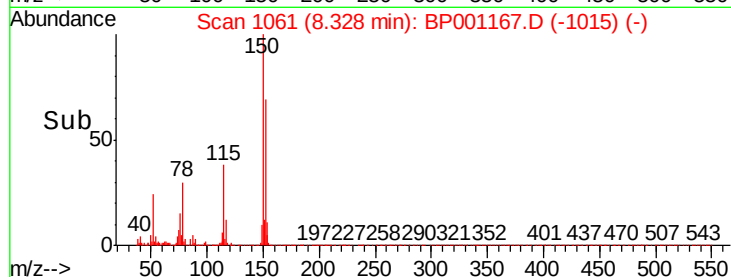
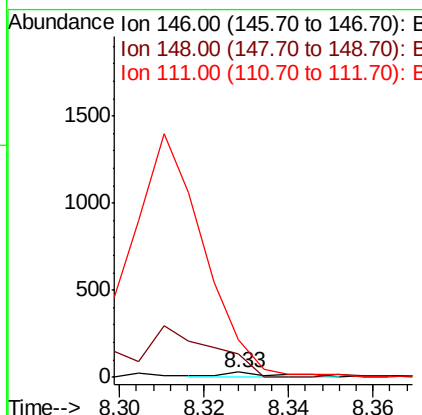
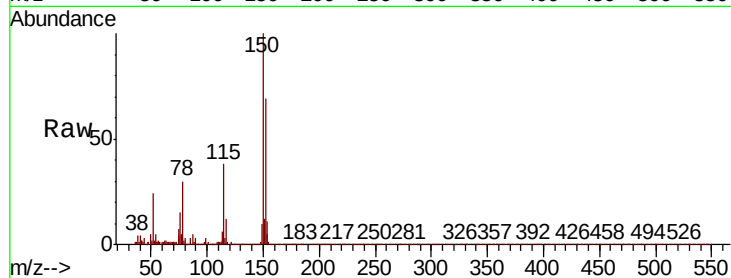




#13
 1,4-Dichlorobenzene
 Concen: 0.003 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

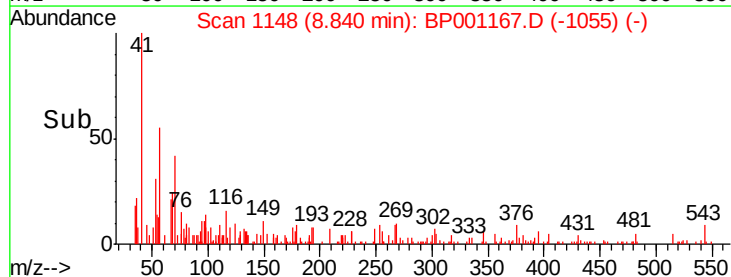
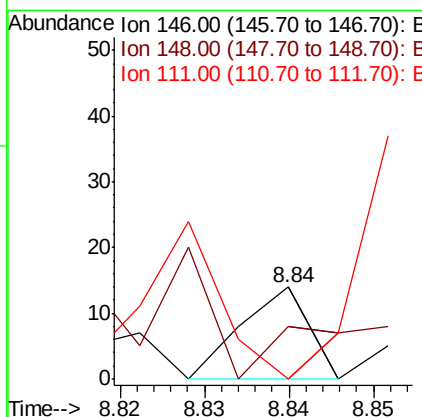
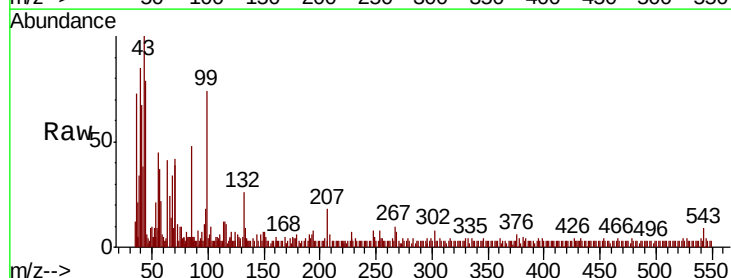
Instrument :
 BNA_P
 ClientSampleId :

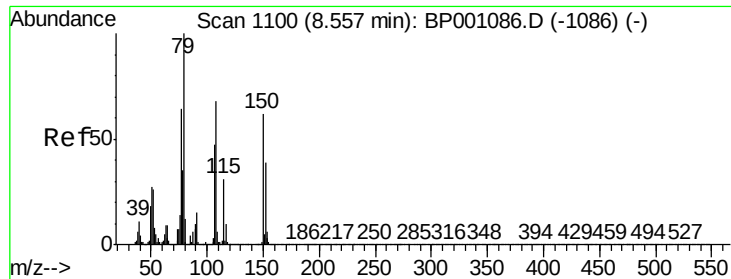
Tot Ion	Ratio	Lower	Upper
146	100		
148	465.5	51.6	77.4#
111	741.4	37.0	55.6#



#14
 1,2-Dichlorobenzene
 Concen: 0.001 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.25 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.1	51.5	77.3
111	50.0	39.3	58.9

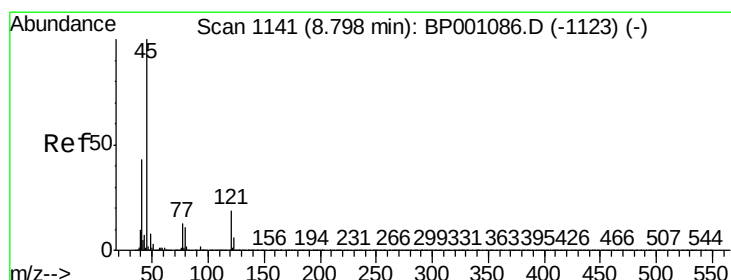
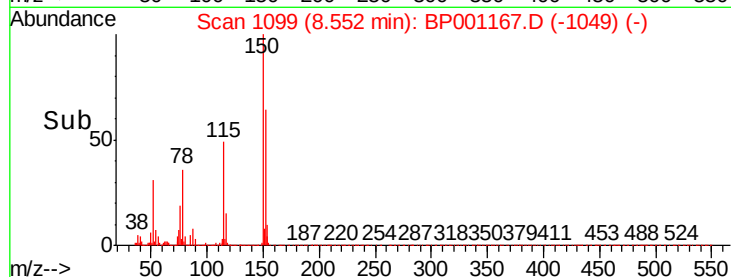
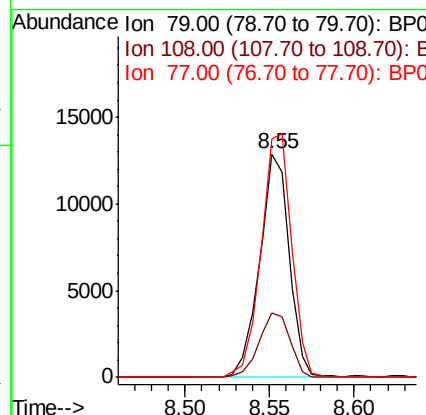
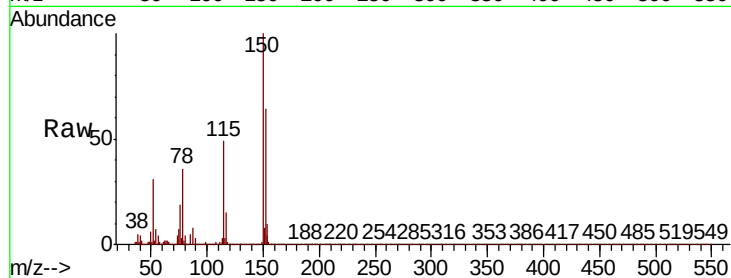




#15
Benzyl Alcohol
Concen: 2.064 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

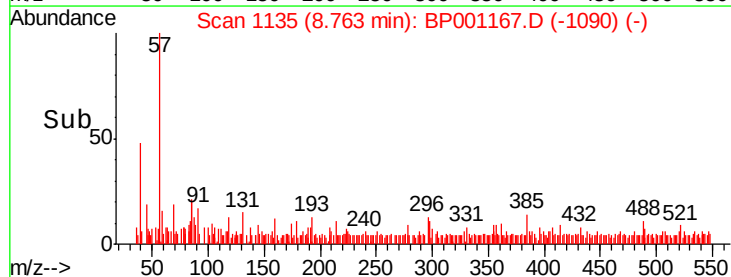
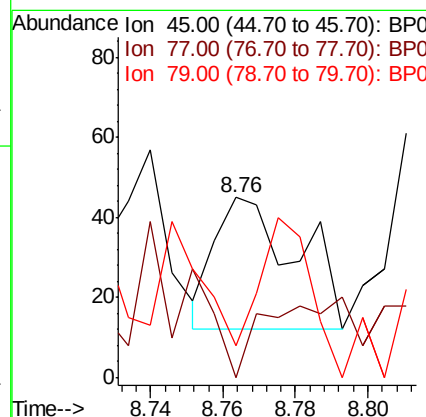
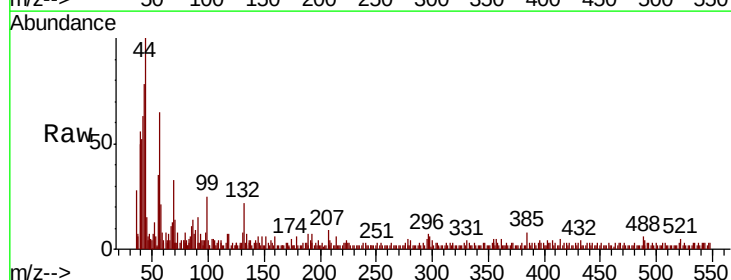
Instrument :
BNA_P
ClientSampleId :

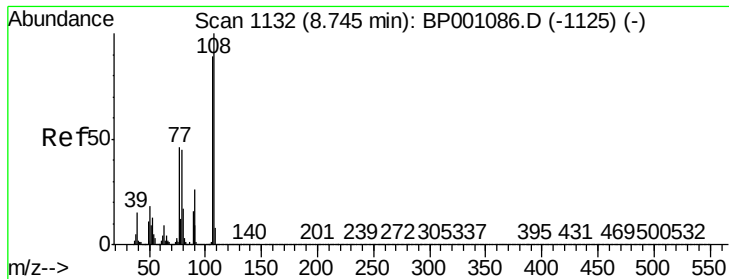
Tot Ion	Ratio	Lower	Upper
79	100		
108	28.6	54.8	82.2#
77	106.9	51.4	77.2#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.3
79	17.8	0.0	30.9





#17

2-Methylphenol

Concen: 0.008 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BP001167.D

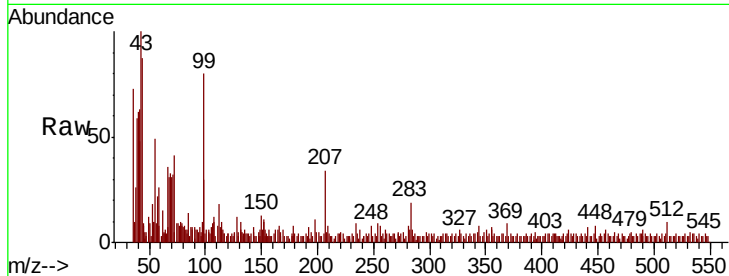
Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	107	Resp:	50
Ion	Ratio	Lower	Upper
107	100		
108	38.8	89.8	134.6#
77	26.9	41.4	62.2#
79	53.7	40.6	61.0

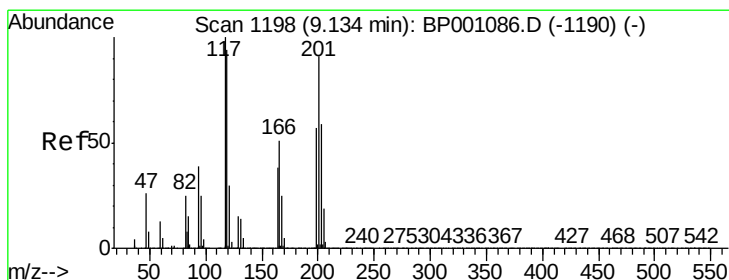
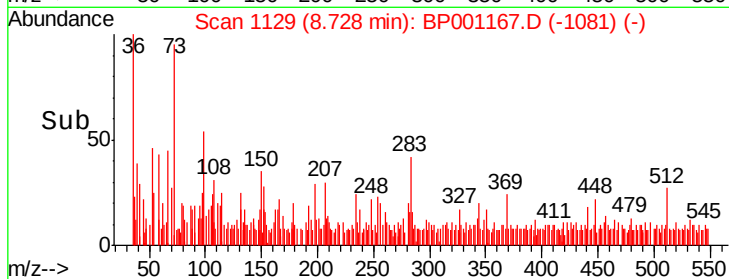
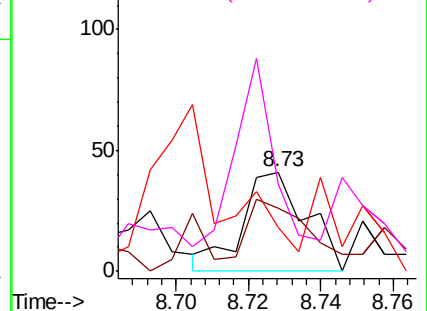


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 0.002 ng

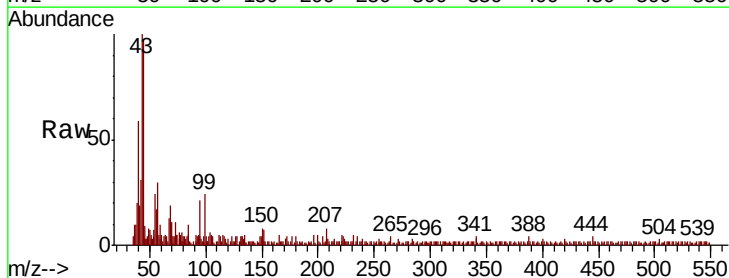
RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

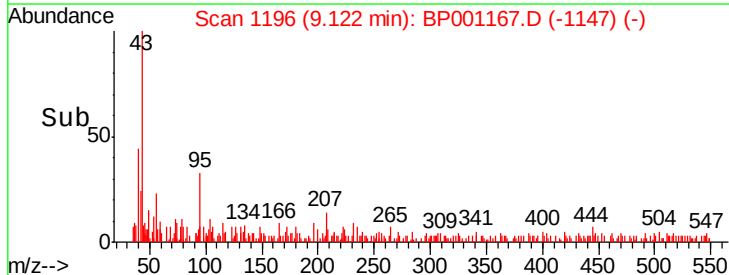
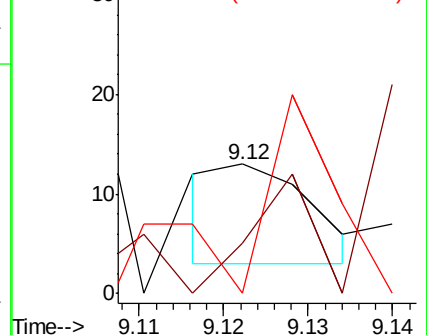
Tgt Ion:	117	Resp:	7
Ion	Ratio	Lower	Upper
117	100		
119	38.5	75.2	112.8#
201	0.0	72.5	108.7#

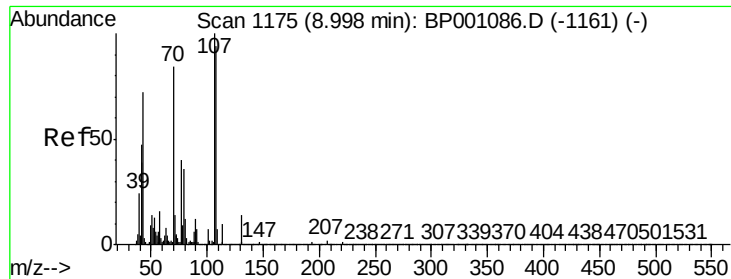


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

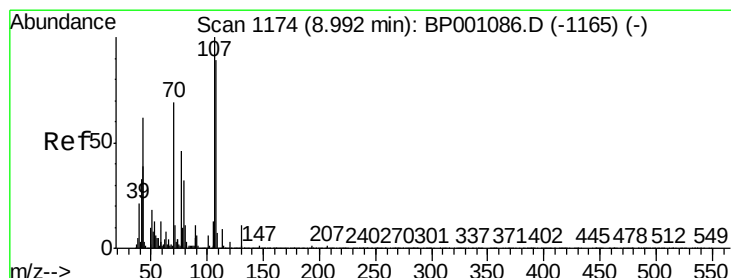
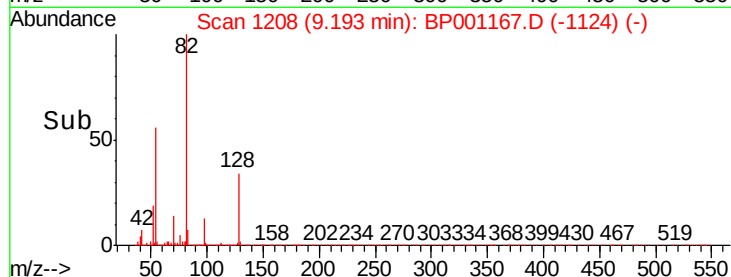
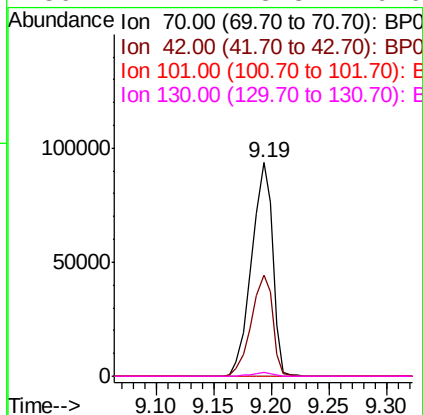
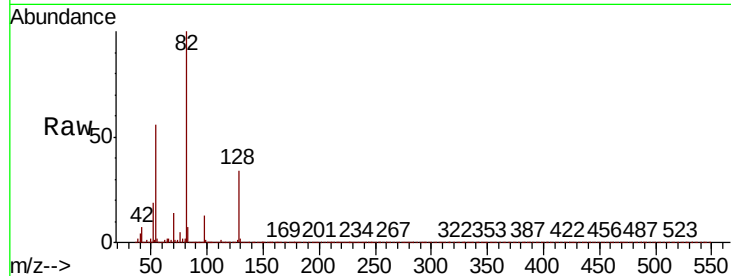




#19
n-Nitroso-di-n-propylamine
Concen: 17.958 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.19 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

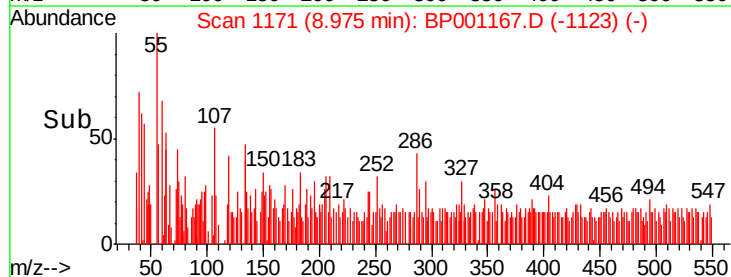
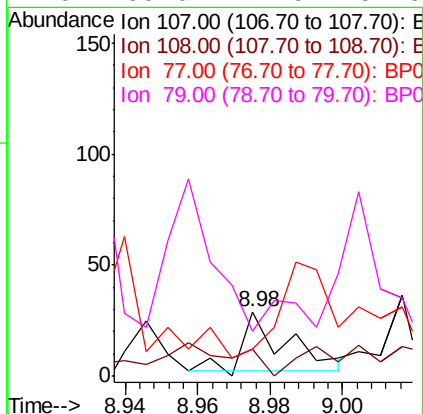
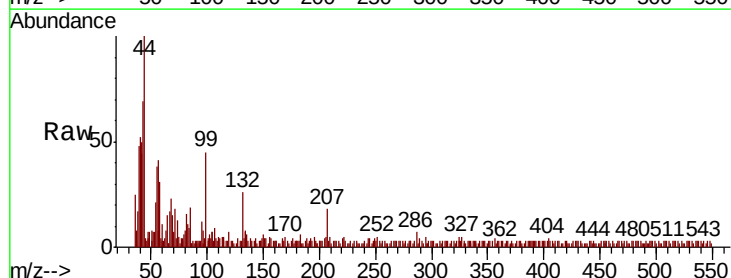
Instrument :
BNA_P
ClientSampleId :

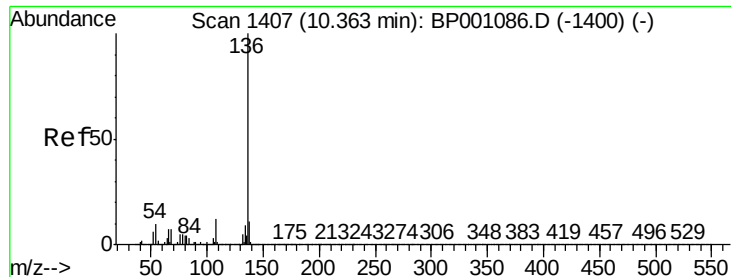
Tot Ion:	70	Resp:	119550
Ion	Ratio	Lower	Upper
70	100		
42	47.3	44.6	66.8
101	0.0	7.1	10.7#
130	1.7	13.8	20.6#



#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.98 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:	107	Resp:	24
Ion	Ratio	Lower	Upper
107	100		
108	41.4	68.9	108.9#
77	41.4	25.9	65.9
79	69.0	11.9	51.9#

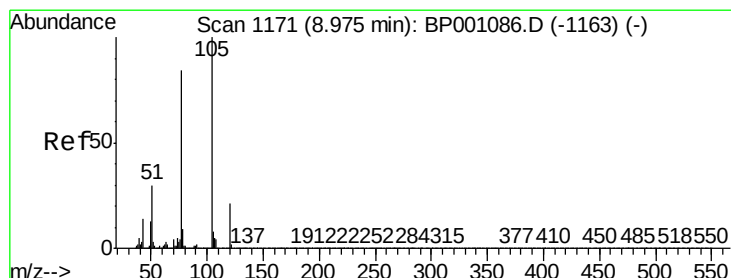
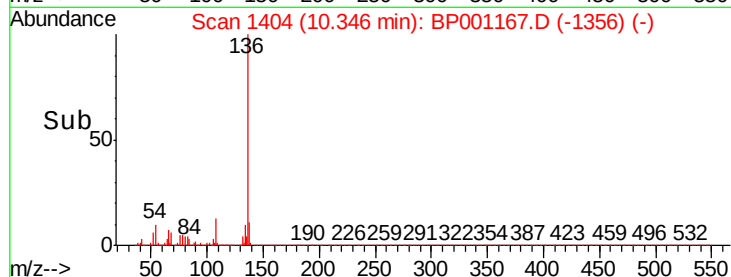
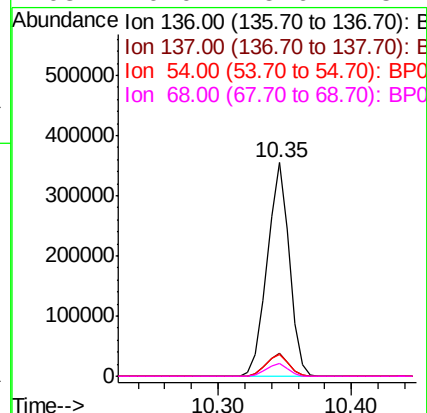
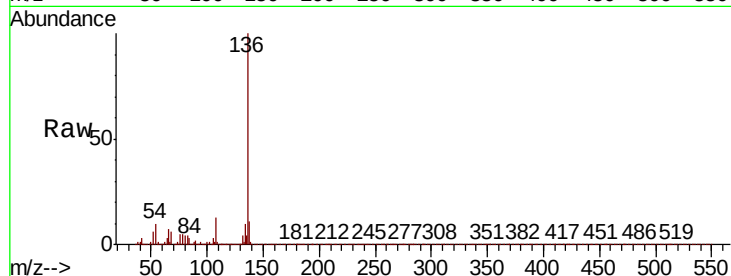




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

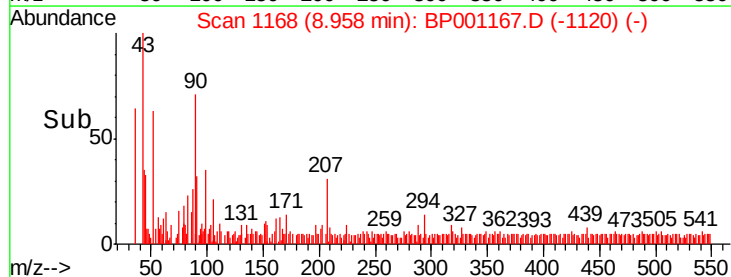
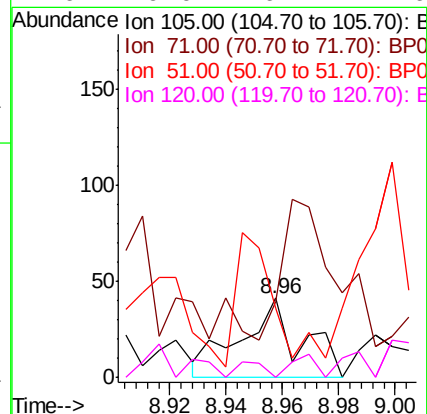
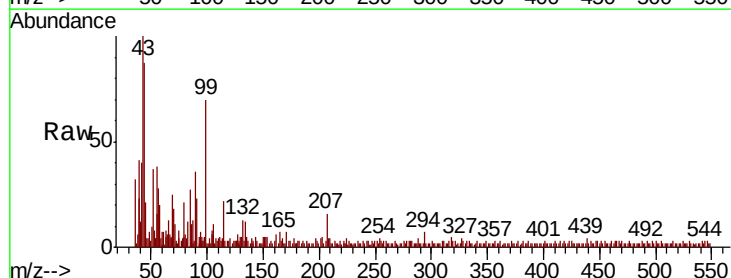
Instrument :
BNA_P
ClientSampleId :

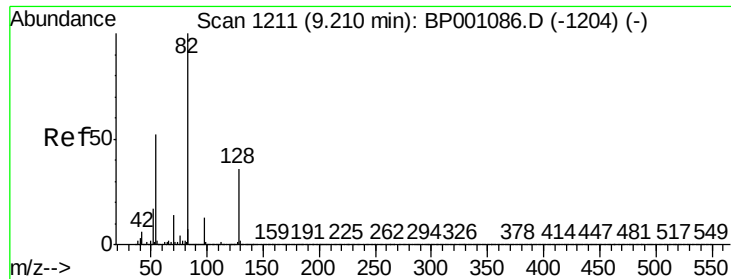
Tot Ion:136	Resp:	403115
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	10.1	7.9 11.9
68	6.0	5.6 8.4



#22
Acetophenone
Concen: 0.005 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:105	Resp:	60
Ion Ratio	Lower	Upper
105	100	
71	95.1	0.5 0.7#
51	87.8	24.2 36.4#
120	0.0	16.4 24.6#

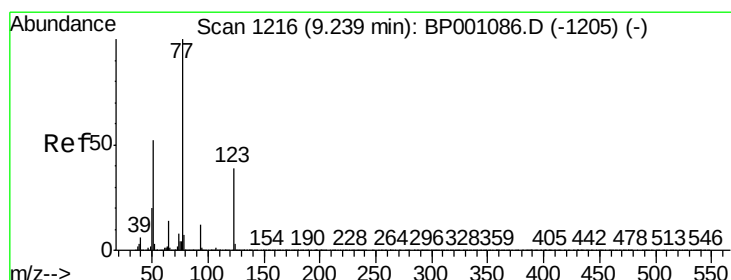
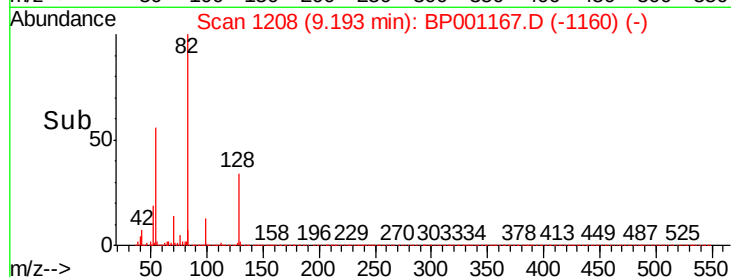
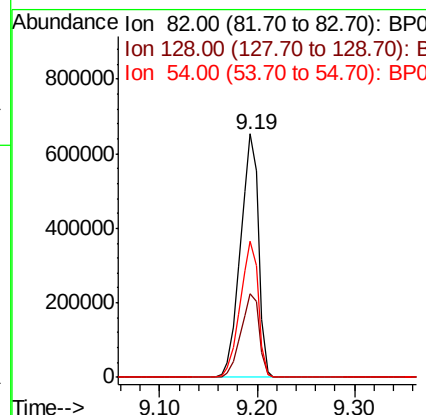
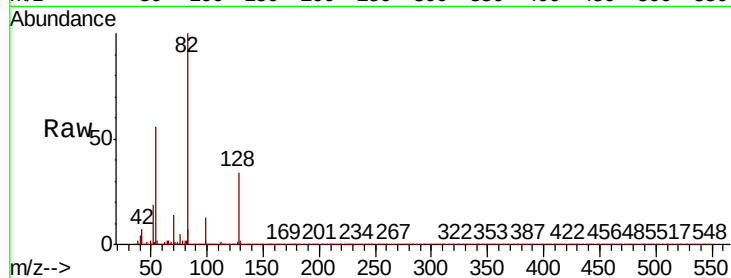




#23
Nitrobenzene-d5
Concen: 90.135 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

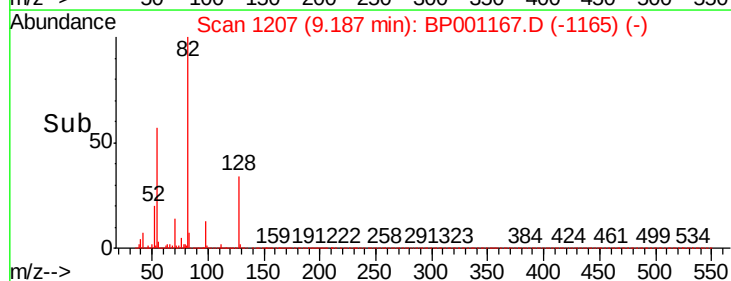
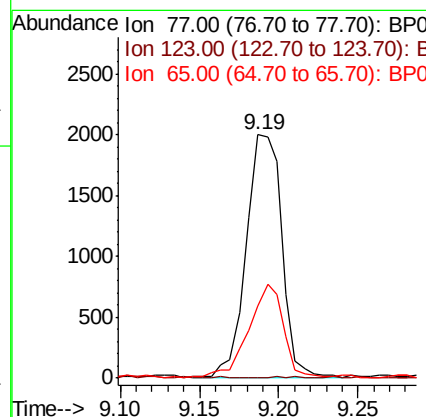
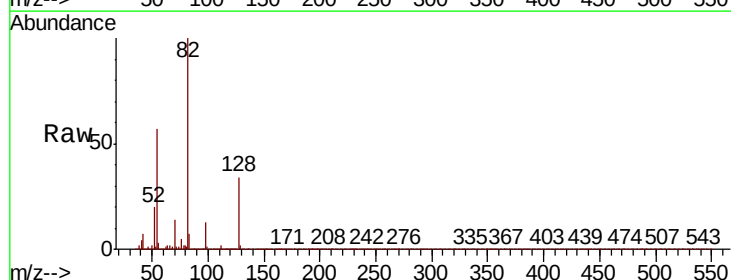
Instrument :
BNA_P
ClientSampleId :

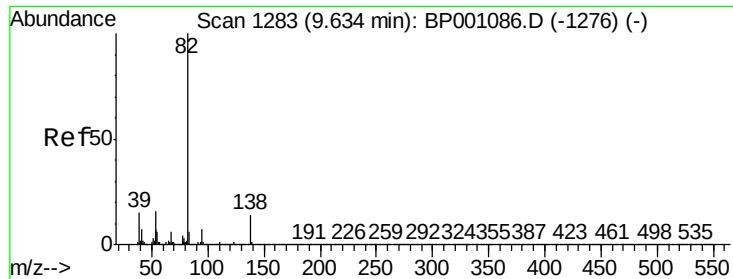
Tot Ion	82	Resp	837484
Ion Ratio	100	Lower	Upper
128	34.2	28.9	43.3
54	56.1	41.9	62.9



#24
Nitrobenzene
Concen: 0.337 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.05 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	77	Resp	3113
Ion Ratio	100	Lower	Upper
123	0.4	31.0	46.4#
65	29.8	11.0	16.6#

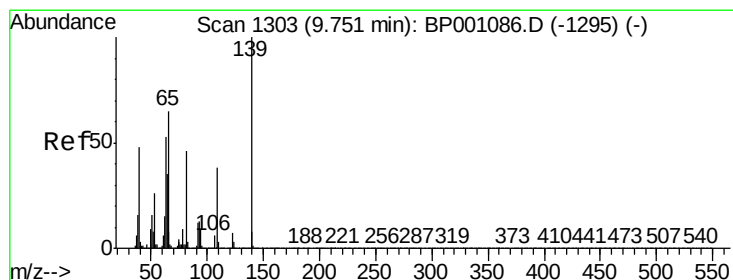
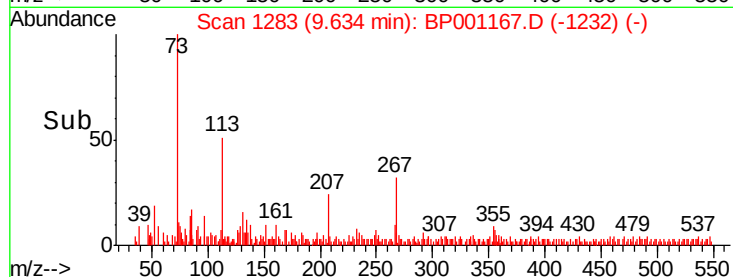
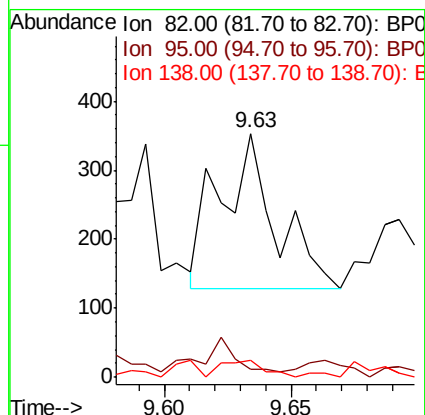
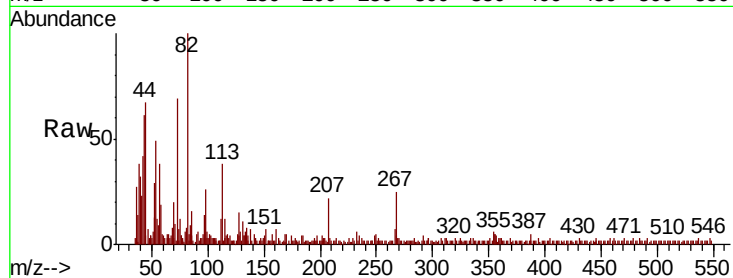




#25
Isophorone
Concen: 0.021 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

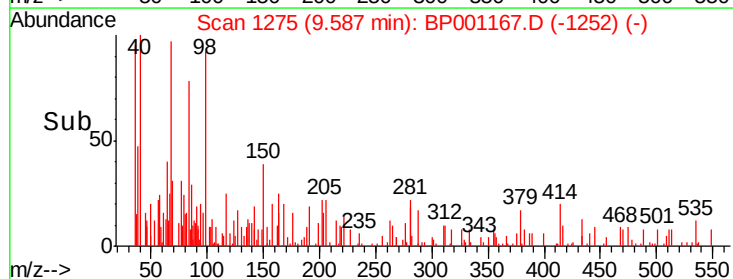
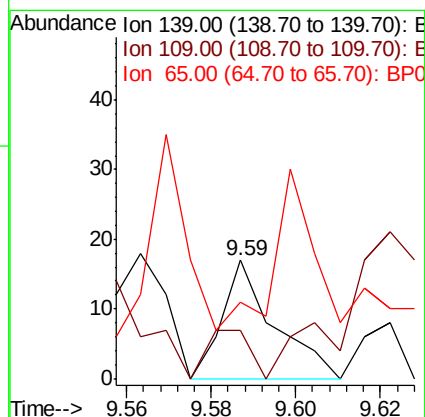
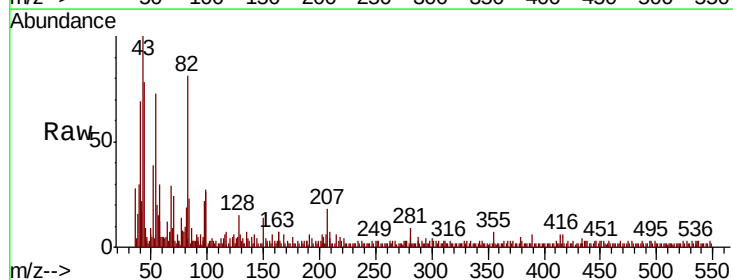
Instrument :
BNA_P
ClientSampled :

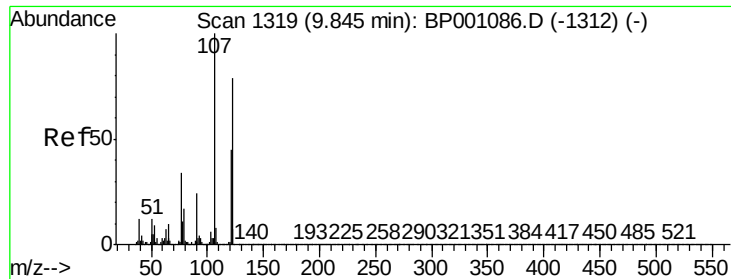
Tot Ion: 82 Resp: 344
Ion Ratio Lower Upper
82 100
95 3.1 5.7 8.5#
138 7.1 11.3 16.9#



#26
2-Nitrophenol
Concen: 0.004 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.16 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion: 139 Resp: 14
Ion Ratio Lower Upper
139 100
109 41.2 30.6 45.8
65 64.7 51.8 77.8

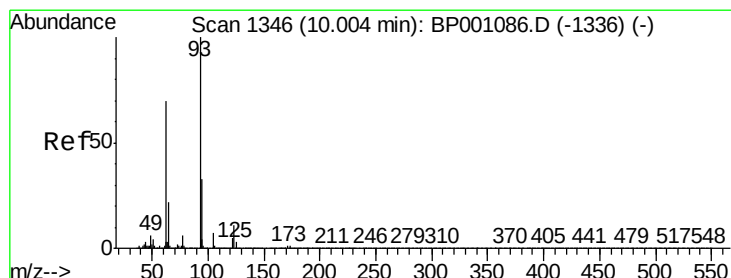
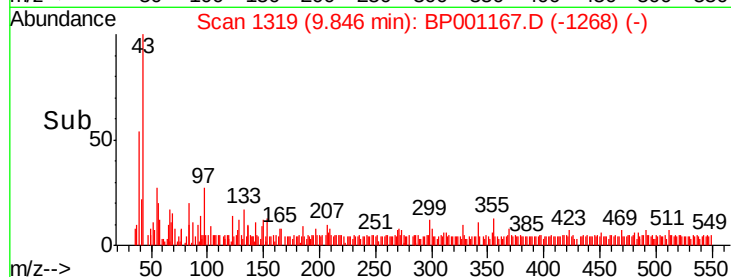
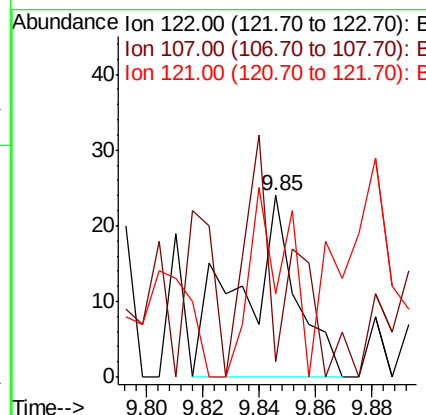
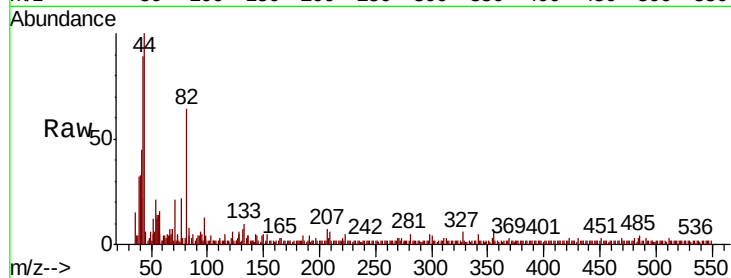




#27
2,4-Dimethylphenol
Concen: 0.006 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

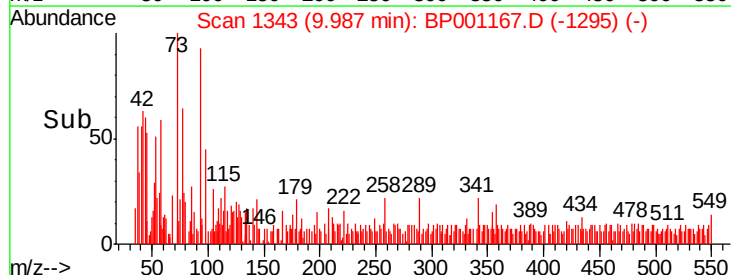
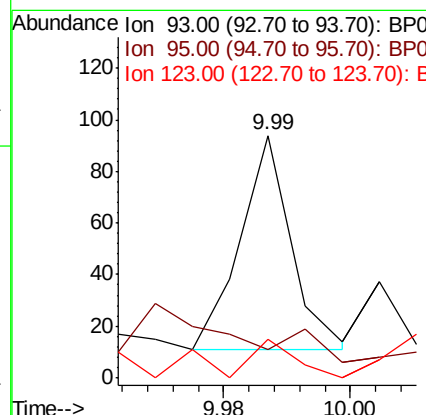
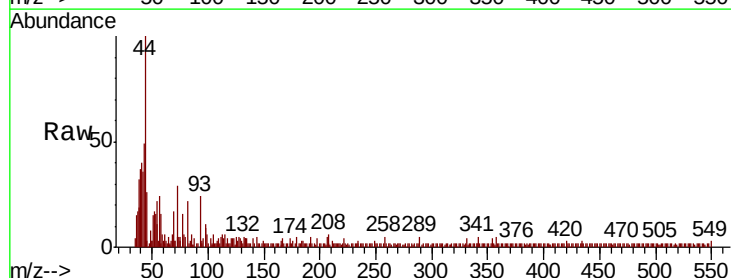
Instrument :
BNA_P
ClientSampled :

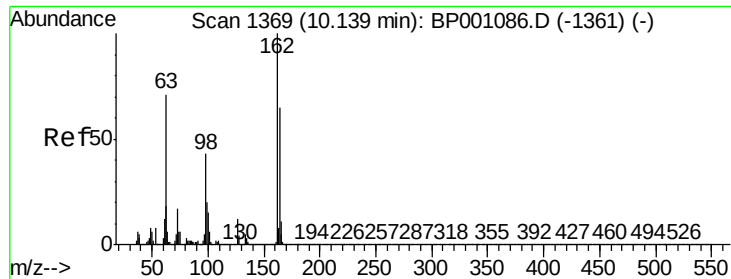
Tot Ion	Ratio	Lower	Upper
122	100		
107	8.3	101.9	152.9#
121	45.8	46.1	69.1#



#28
bis(2-Chloroethoxy)methane
Concen: 0.004 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	26.6	26.0	39.0
123	16.0	8.9	13.3#

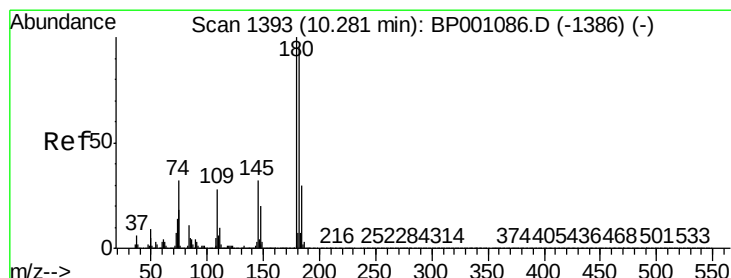
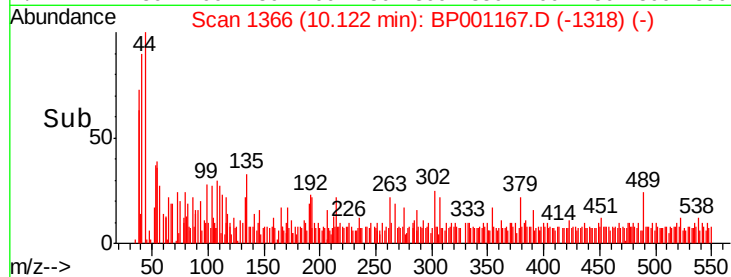
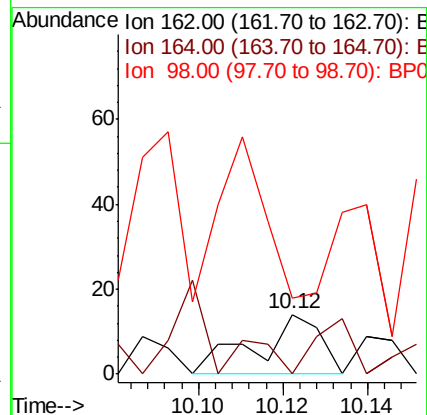
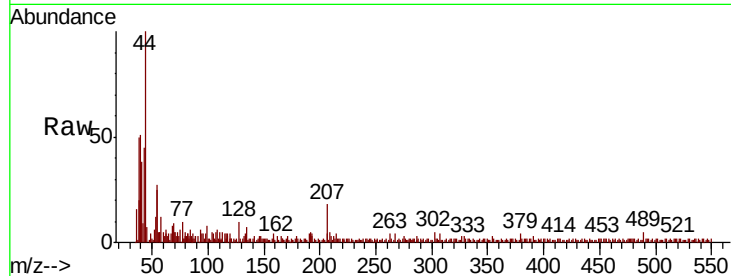




#29
2,4-Dichlorophenol
Concen: 0.002 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

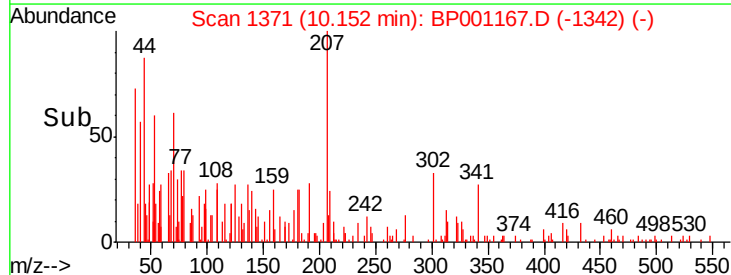
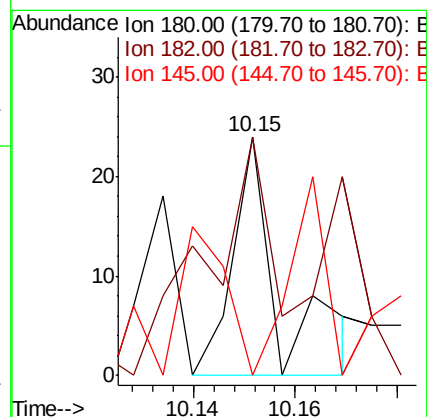
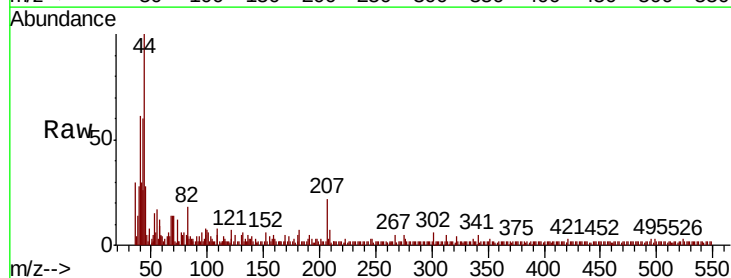
Instrument :
BNA_P
ClientSampleId :

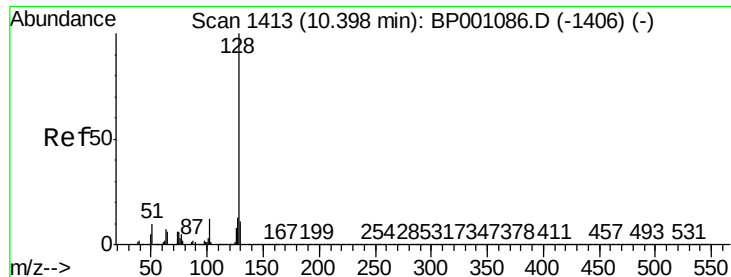
Tot Ion:162 Resp: 15
Ion Ratio Lower Upper
162 100
164 0.0 45.1 85.1#
98 128.6 23.4 63.4#



#30
1,2,4-Trichlorobenzene
Concen: 0.002 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.13 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:180 Resp: 16
Ion Ratio Lower Upper
180 100
182 100.0 76.3 114.5
145 33.3 25.4 38.2

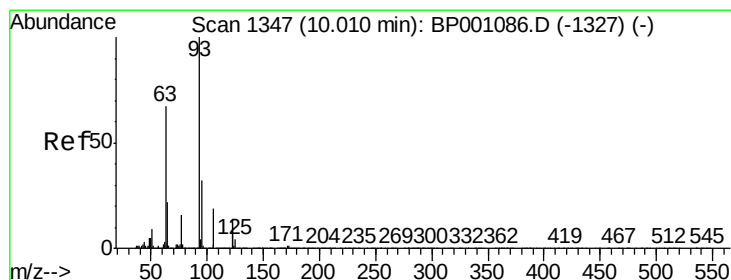
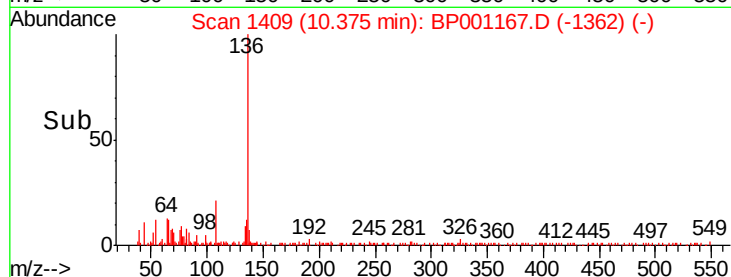
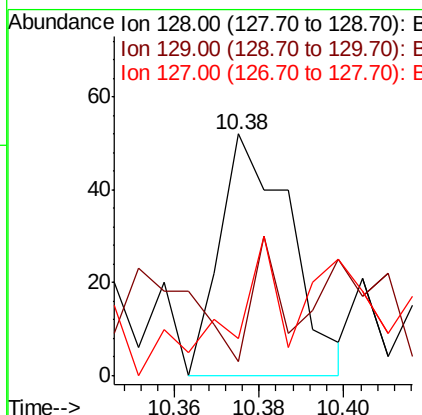
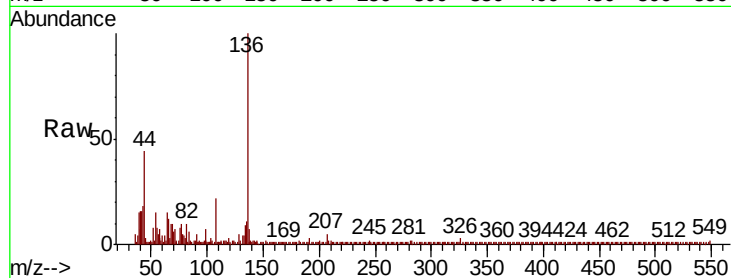




#31
Naphthalene
Concen: 0.003 ng
RT: 10.38 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

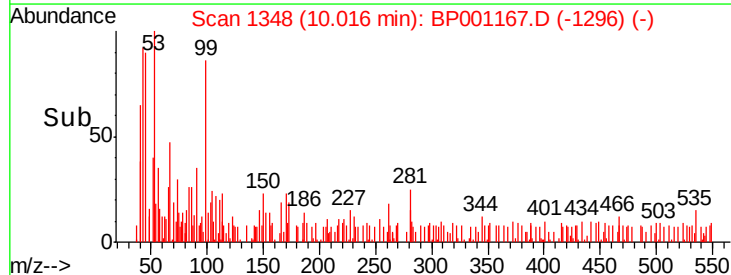
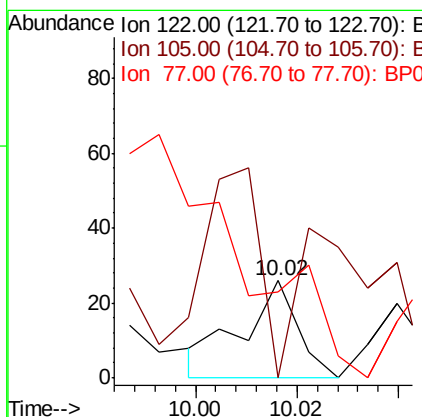
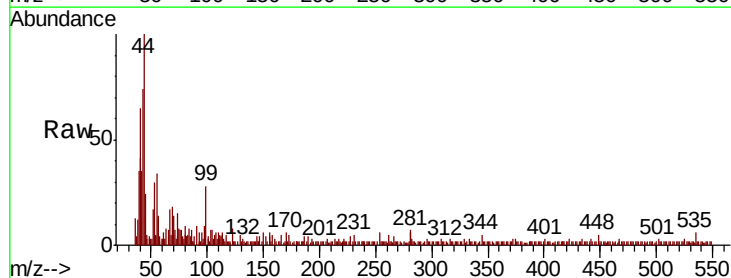
Instrument :
BNA_P
ClientSampleId :

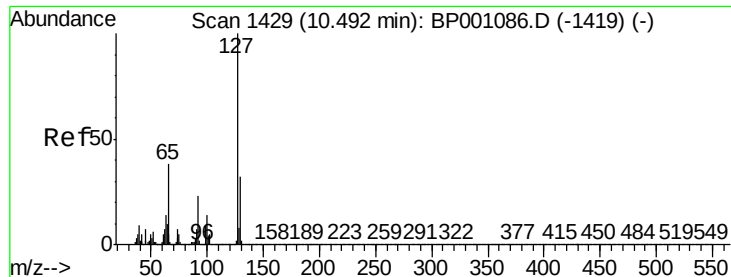
Tot Ion	Ratio	Lower	Upper
128	100		
129	5.8	8.8	13.2#
127	15.4	10.6	16.0



#32
Benzoic acid
Concen: 0.005 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	116.8	156.8#
77	88.5	95.0	135.0#

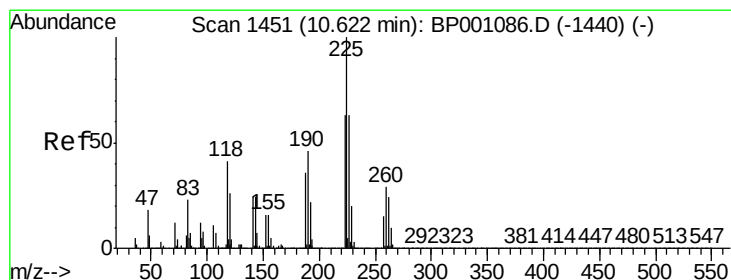
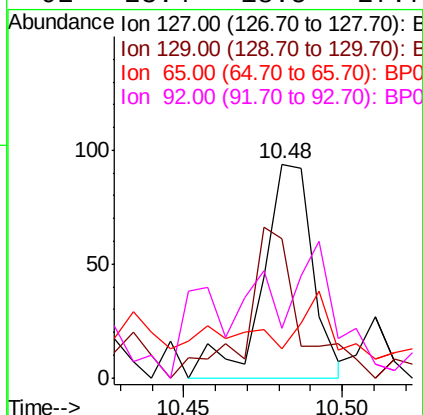
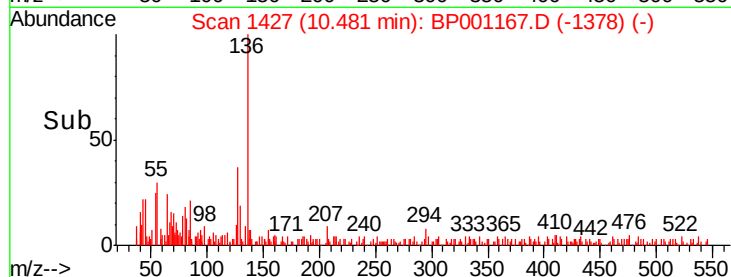
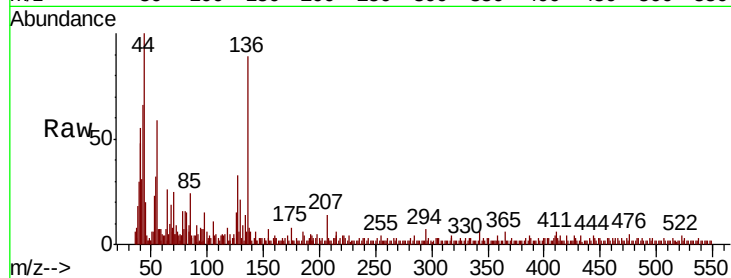




#33
4-Chloroaniline
Concen: 0.012 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

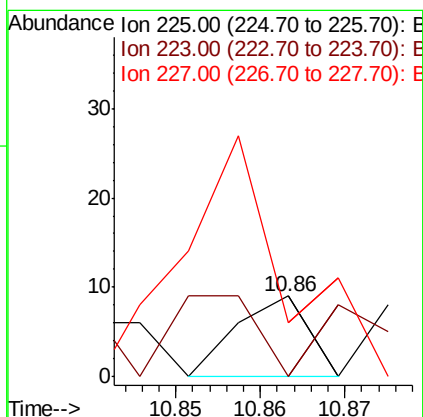
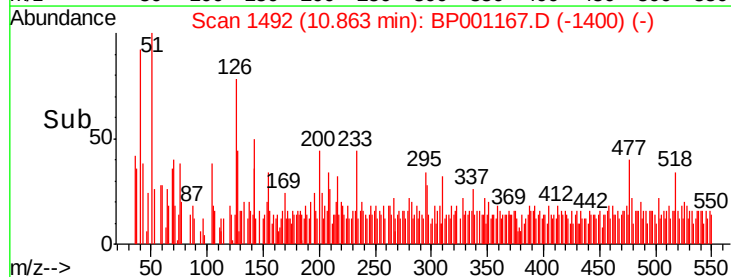
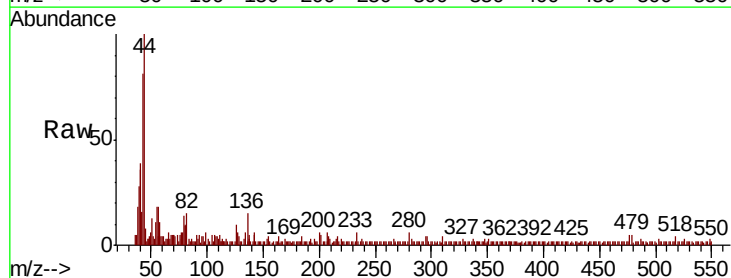
Instrument :
BNA_P
ClientSampled :

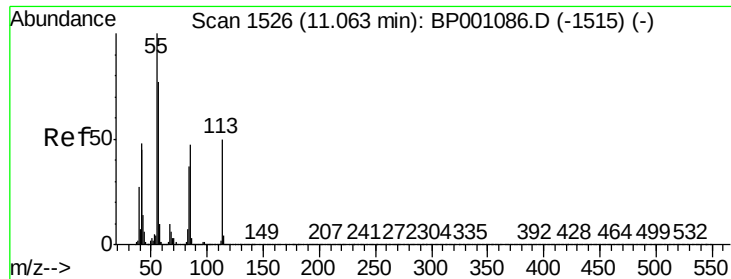
Tot Ion:	127	Resp:	103
Ion	Ratio	Lower	Upper
127	100		
129	64.9	25.5	38.3#
65	13.8	30.6	46.0#
92	23.4	18.5	27.7



#34
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.24 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:	225	Resp:	5
Ion	Ratio	Lower	Upper
225	100		
223	66.7	50.0	75.0
227	66.7	50.0	75.0

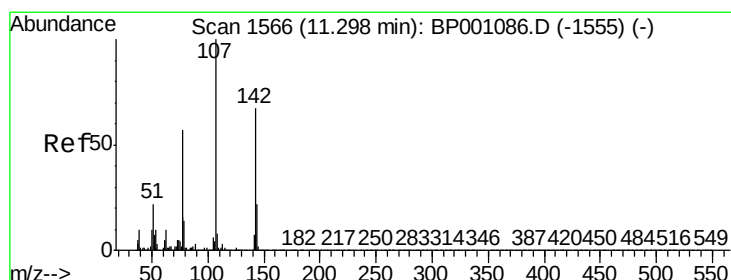
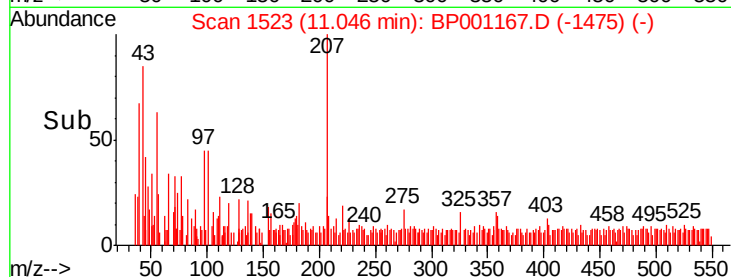
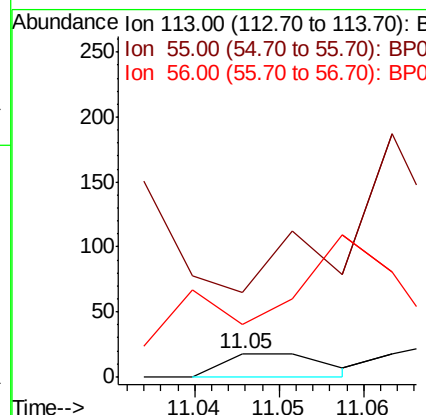
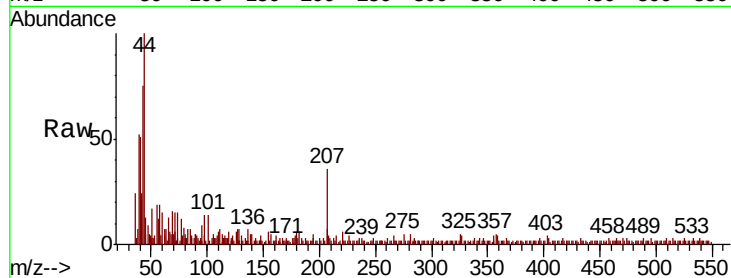




#35
Caprolactam
Concen: 0.007 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

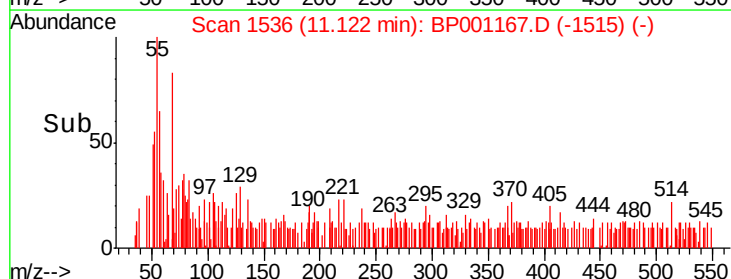
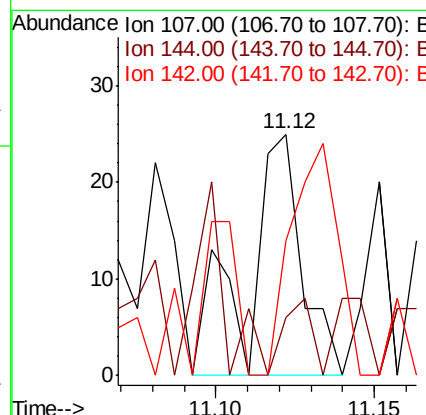
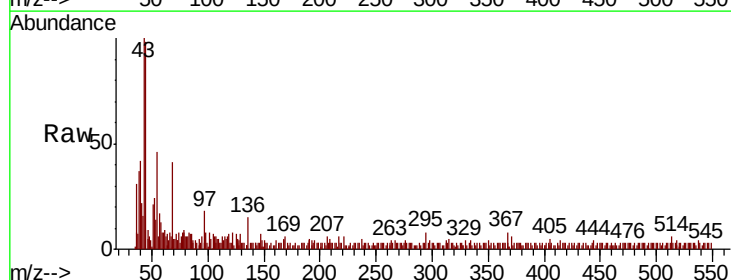
Instrument :
BNA_P
ClientSampleId :

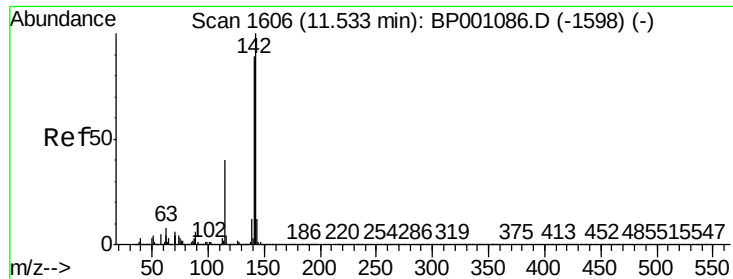
Tot Ion:113 Resp: 15
Ion Ratio Lower Upper
113 100
55 282.6 181.2 221.2#
56 173.9 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 0.004 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.18 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:107 Resp: 30
Ion Ratio Lower Upper
107 100
144 24.0 17.5 26.3
142 56.0 53.3 79.9

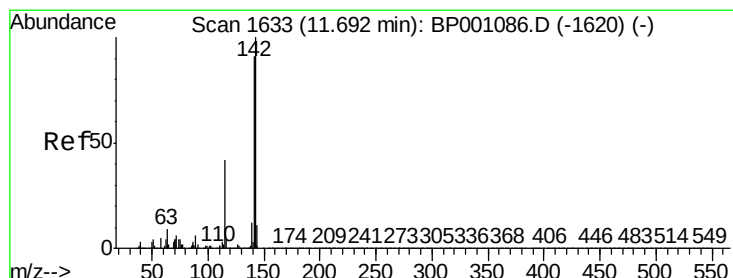
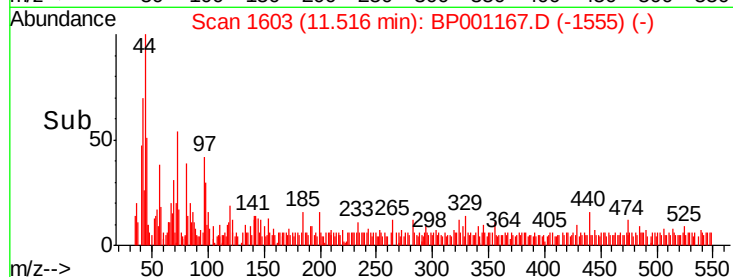
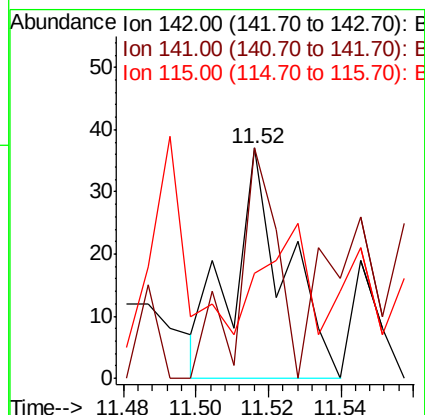
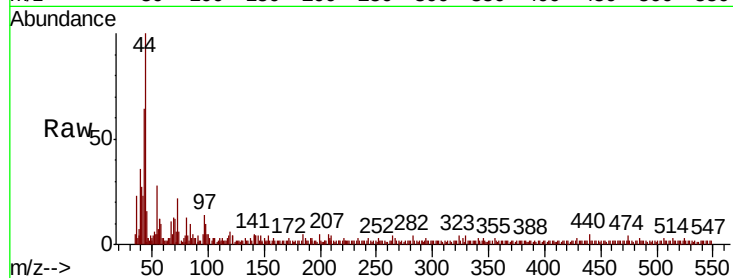




#37
2-Methylnaphthalene
Concen: 0.003 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

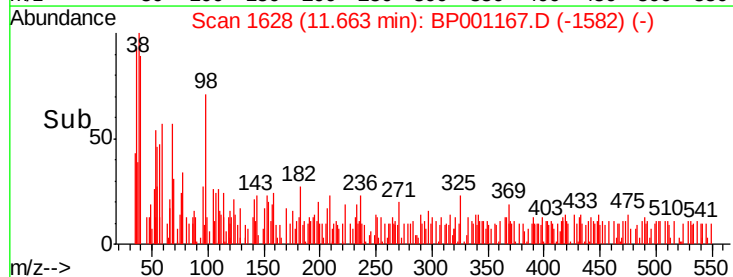
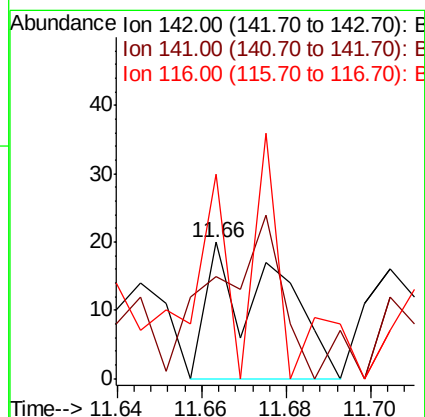
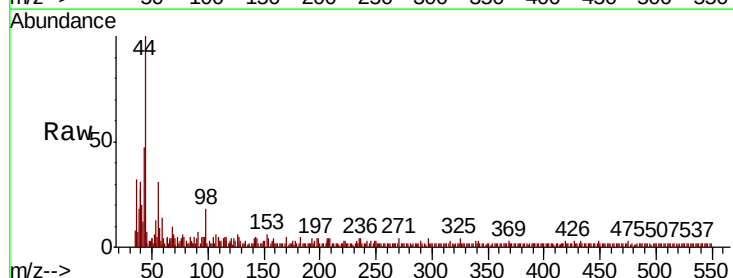
Instrument :
BNA_P
ClientSampled :

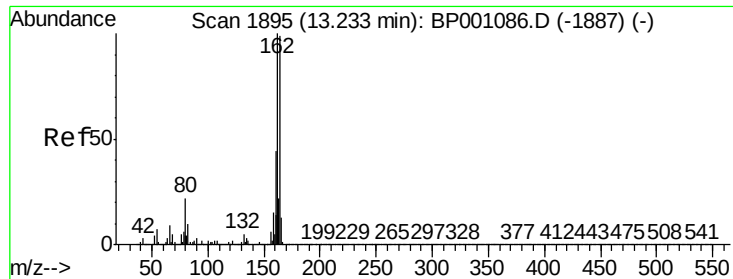
Tot Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.1	106.7
115	45.9	32.3	48.5



#38
1-Methylnaphthalene
Concen: 0.002 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	75.0	73.0	109.4
116	150.0	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: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampled :

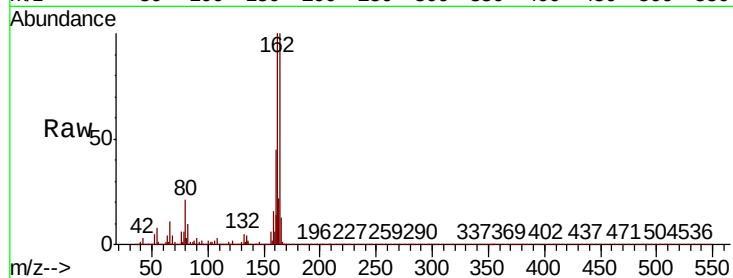
Tot Ion:164 Resp: 221350

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 44.7 35.4 53.2

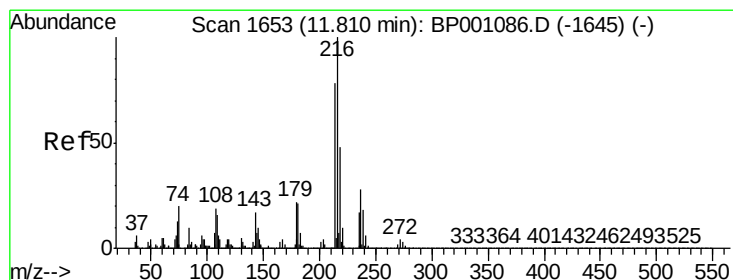
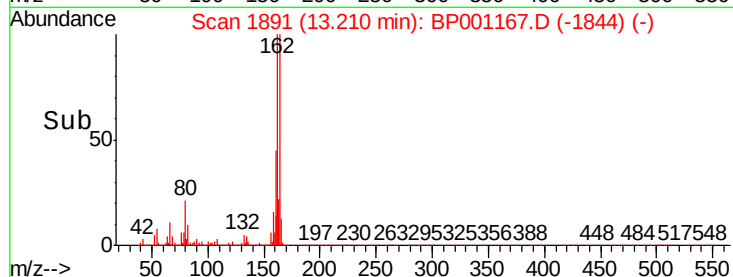
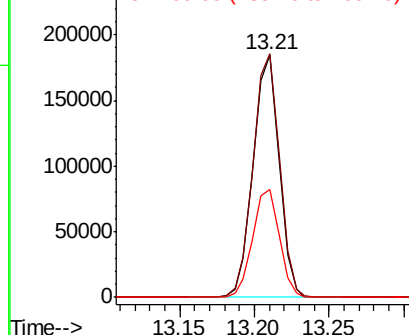


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.001 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:216 Resp: 6

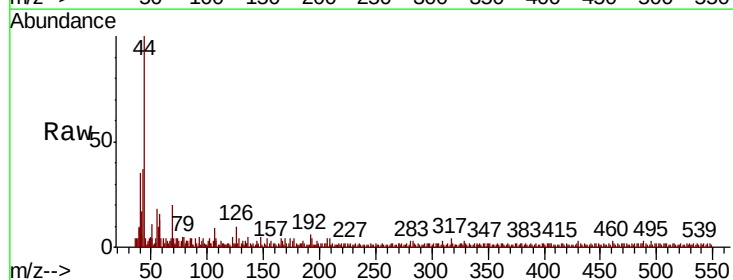
Ion Ratio Lower Upper

216 100

214 200.0 62.8 94.2#

179 83.3 17.6 26.4#

108 366.7 17.7 26.5#



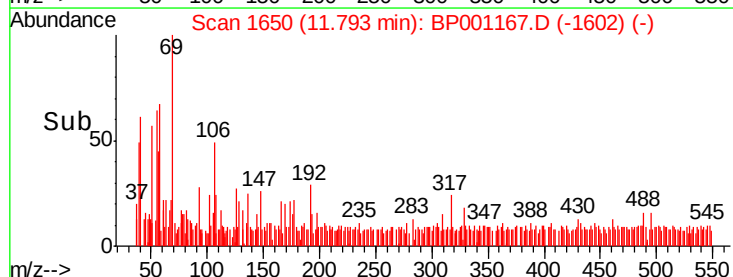
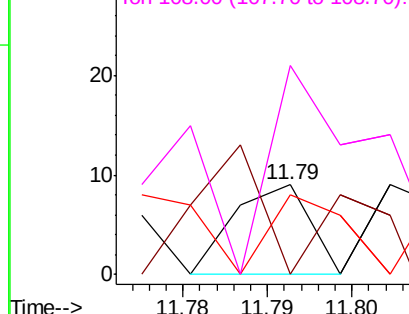
Abundance

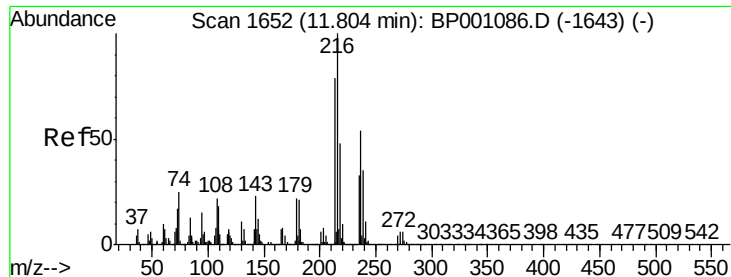
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 0.005 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.05 min

Lab File: BP001167.D

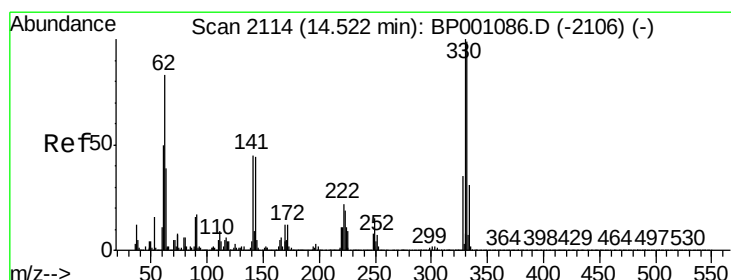
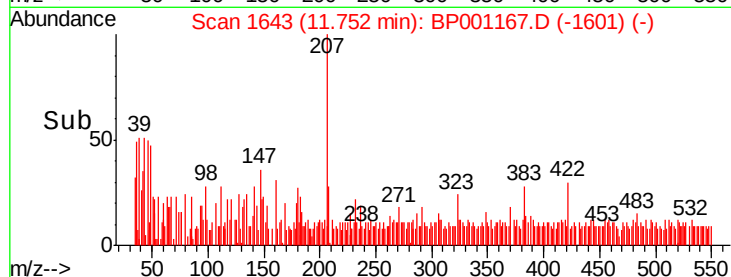
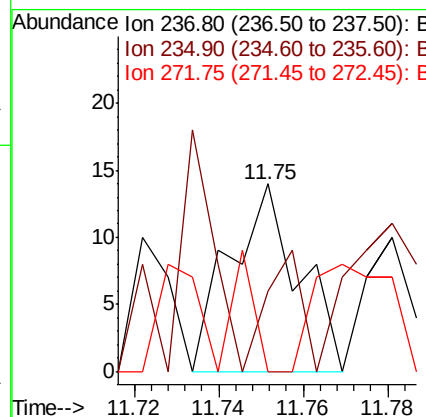
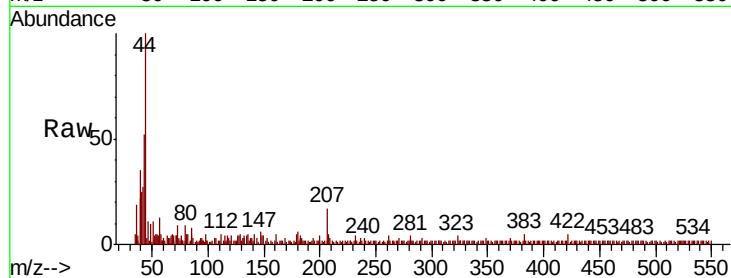
Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	237	Resp:	16
Ion	Ratio	Lower	Upper
237	100		
235	42.9	41.8	81.8
272	0.0	0.0	31.9



#42

2,4,6-Tribromophenol

Concen: 96.988 ng

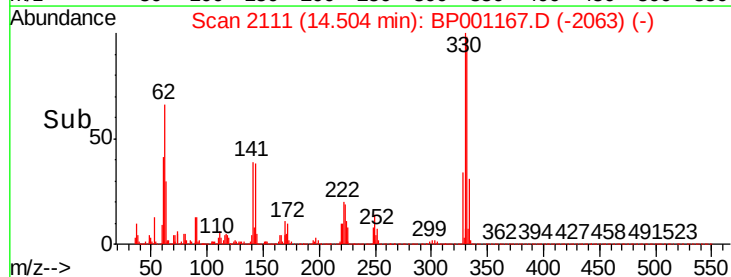
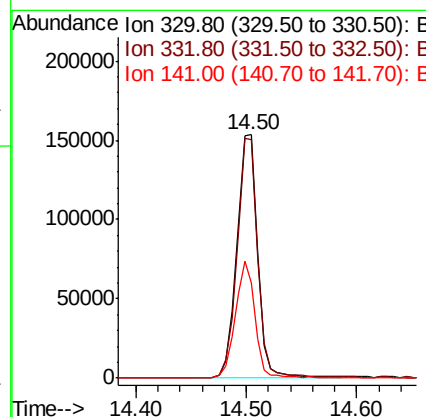
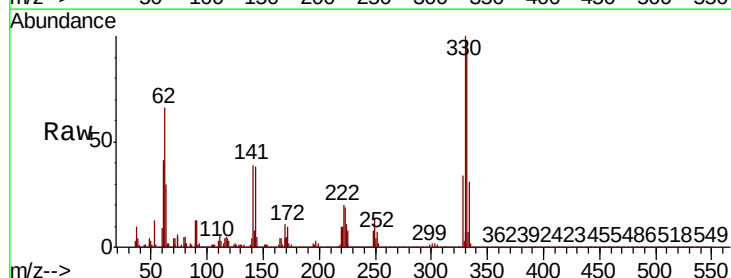
RT: 14.50 min Scan# 2111

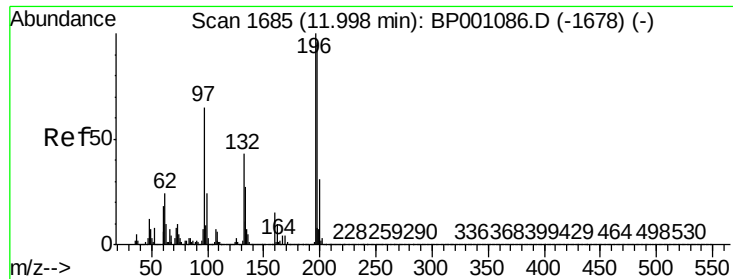
Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:	330	Resp:	205773
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.6	116.4
141	45.2	34.2	51.2

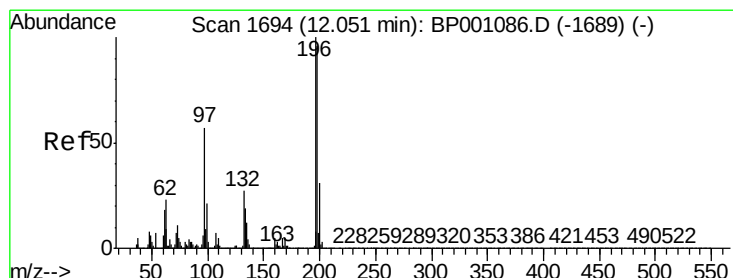
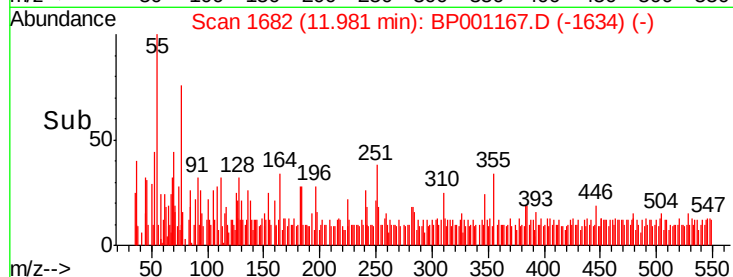
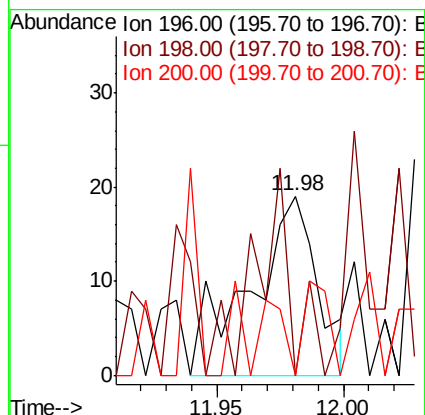
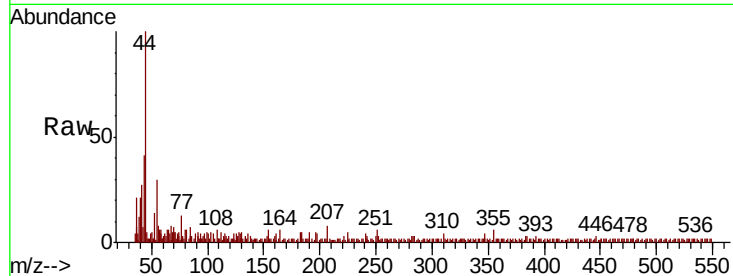




#43
2,4,6-Trichlorophenol
Concen: 0.008 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

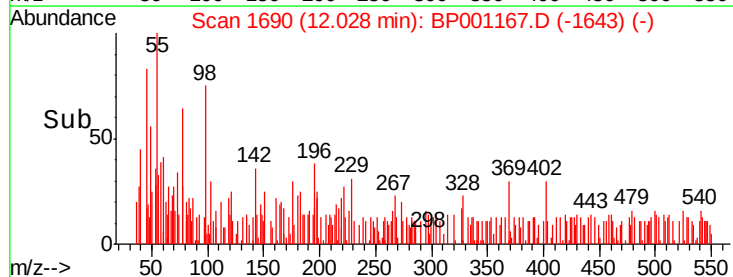
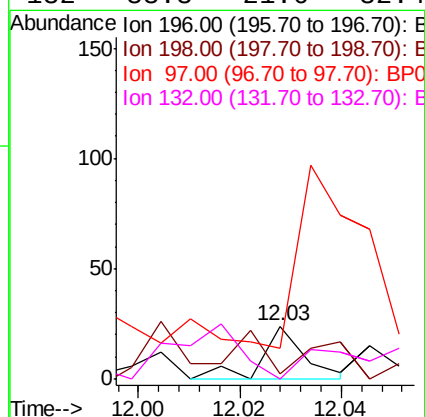
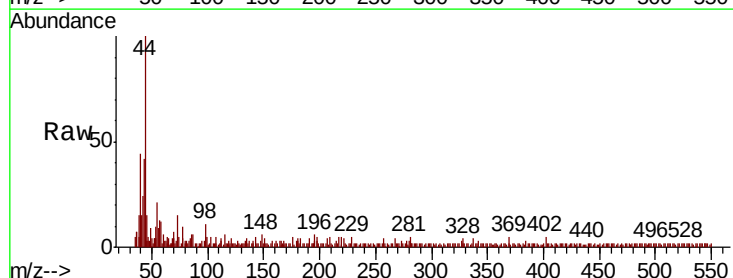
Instrument :
BNA_P
ClientSampleId :

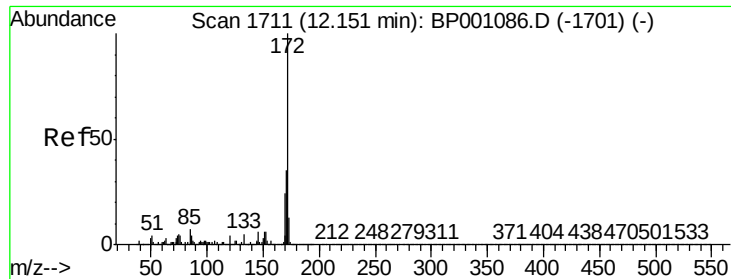
Tot Ion:196 Resp: 35
Ion Ratio Lower Upper
196 100
198 0.0 76.7 115.1#
200 0.0 24.7 37.1#



#44
2,4,5-Trichlorophenol
Concen: 0.003 ng
RT: 12.03 min Scan# 1690
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:196 Resp: 14
Ion Ratio Lower Upper
196 100
198 8.3 76.8 115.2#
97 258.3 46.1 69.1#
132 33.3 21.6 32.4#

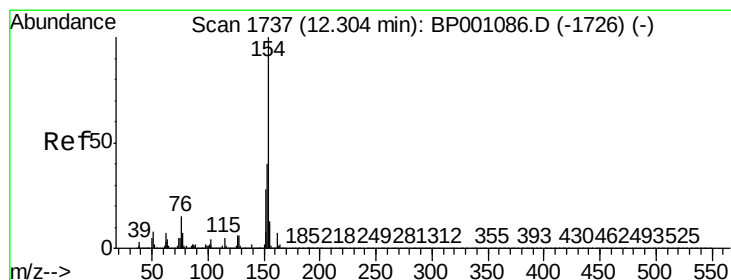
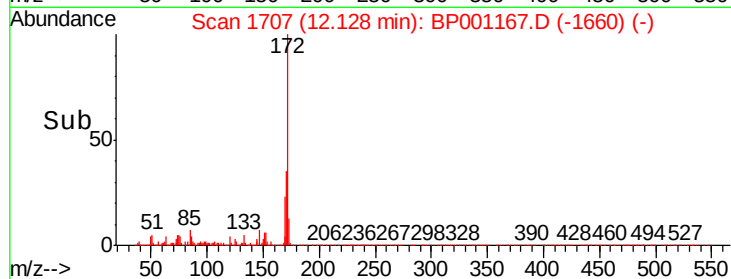
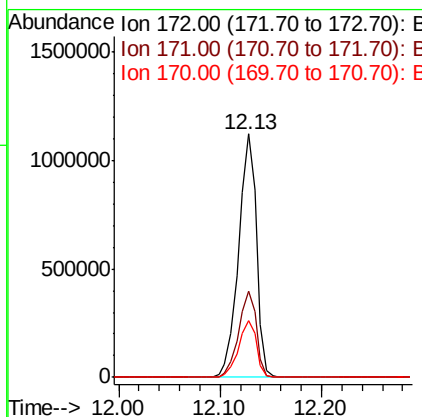
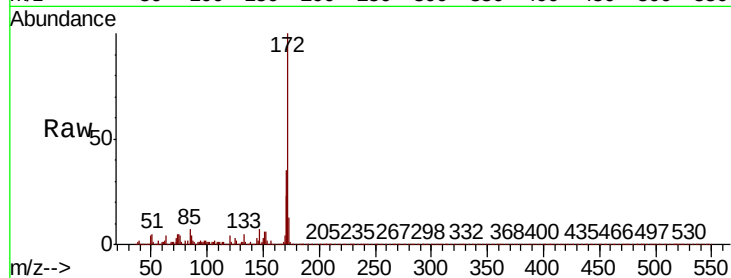




#45
2-Fluorobiphenyl
Concen: 90.652 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

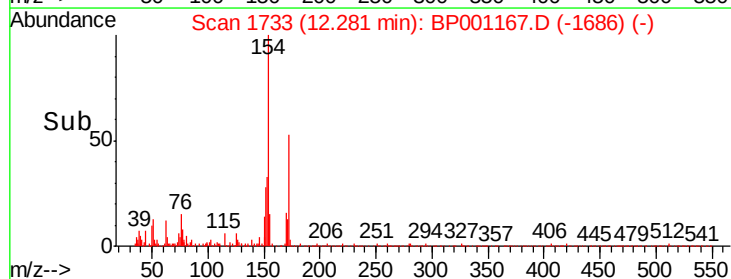
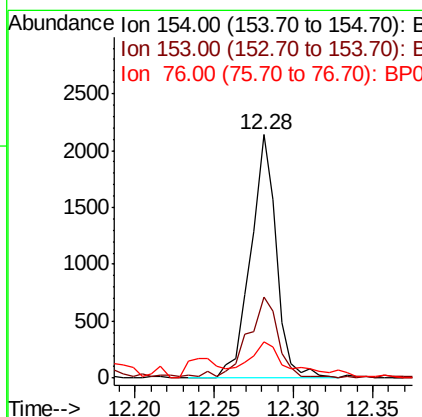
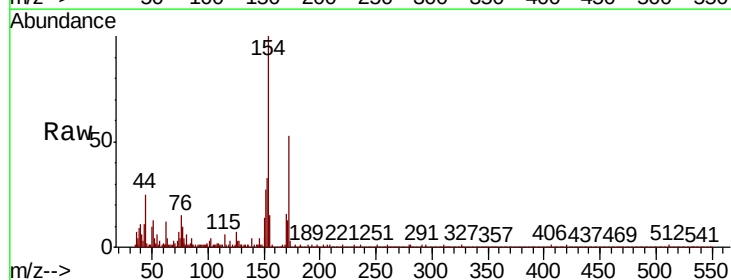
Instrument :
BNA_P
ClientSampled :

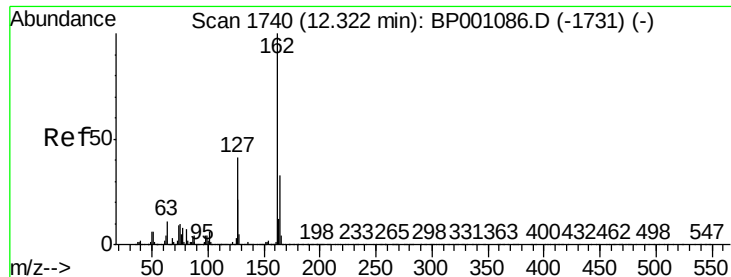
Tot Ion:172 Resp: 1371015
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 0.140 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:154 Resp: 2399
Ion Ratio Lower Upper
154 100
153 33.0 20.2 60.2
76 15.0 0.0 34.5

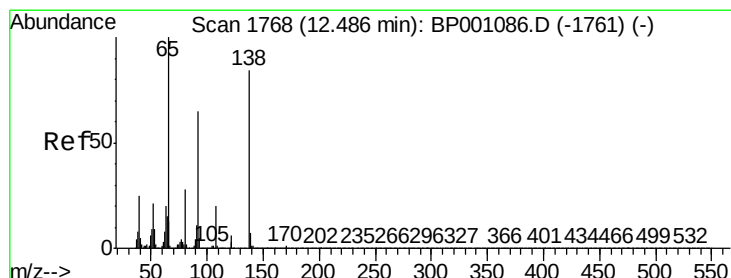
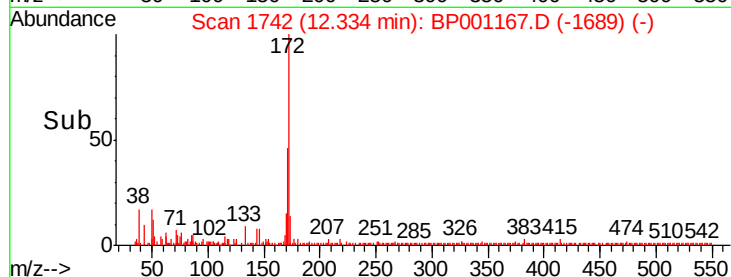
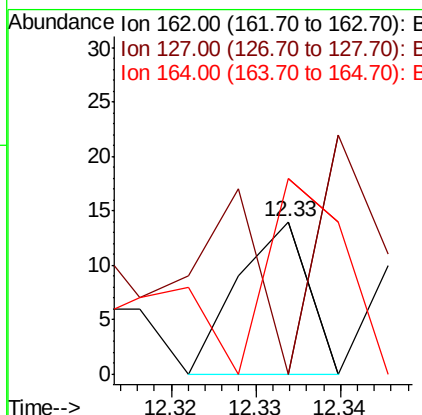
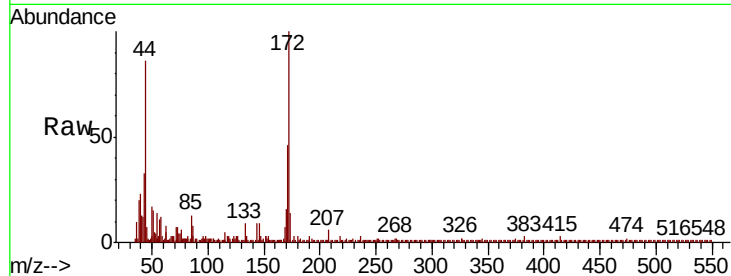




#47
2-Chloronaphthalene
Concen: 0.001 ng
RT: 12.33 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

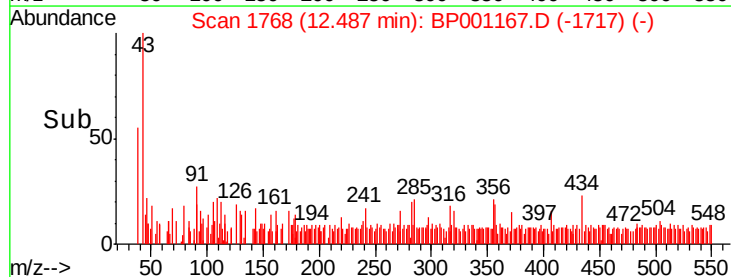
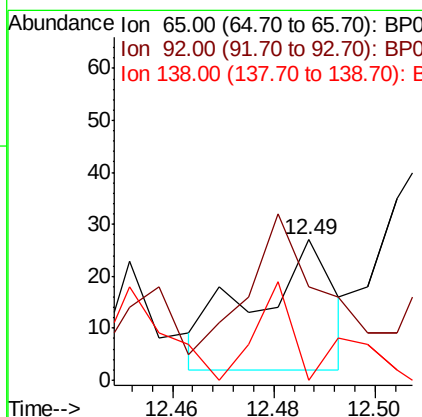
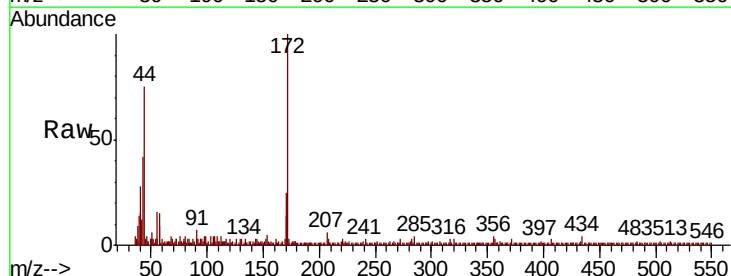
Instrument :
BNA_P
ClientSampled :

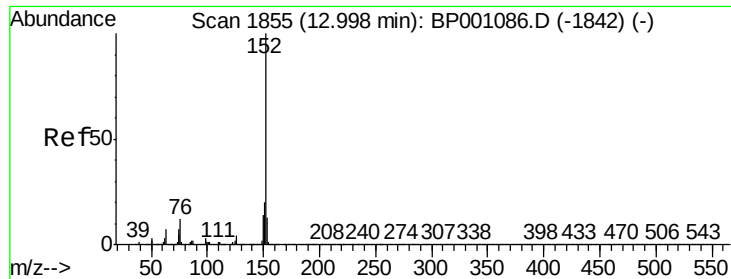
Tot Ion: 162 Resp: 8
Ion Ratio Lower Upper
162 100
127 0.0 33.0 49.6#
164 164.3 26.7 40.1#



#48
2-Nitroaniline
Concen: 0.005 ng
RT: 12.49 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion: 65 Resp: 28
Ion Ratio Lower Upper
65 100
92 66.7 51.6 77.4
138 0.0 67.3 100.9#





#49

Acenaphthylene

Concen: 0.006 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BP001167.D

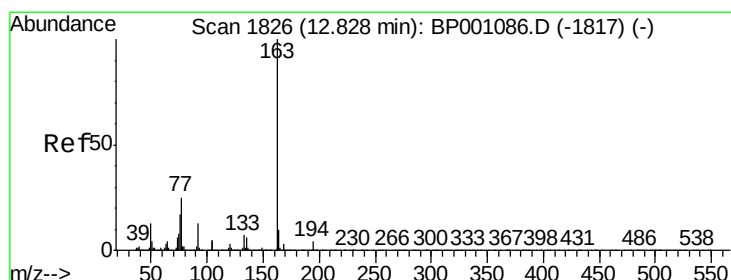
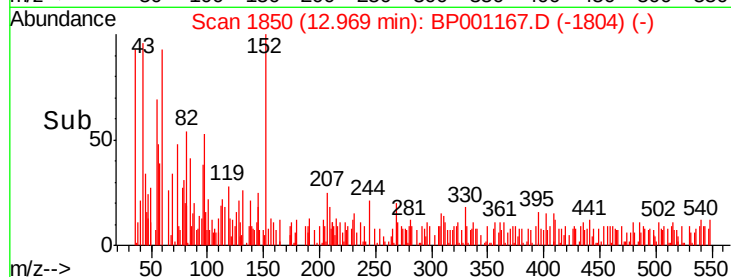
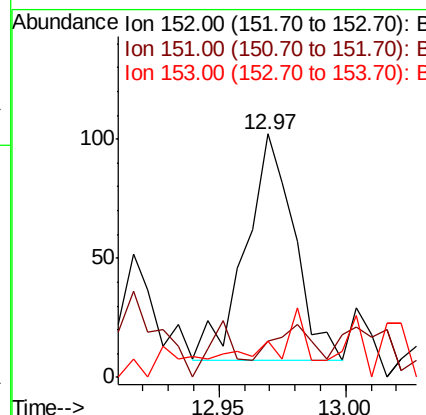
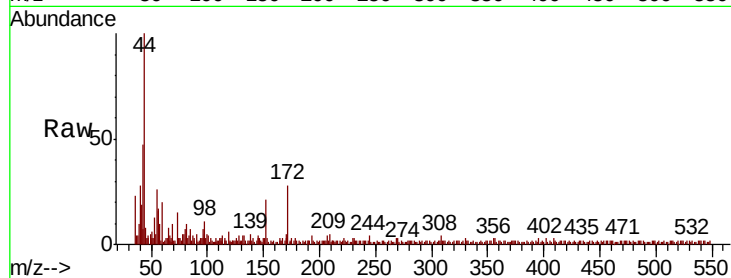
Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampled :

Tot Ion:	152	Resp:	127
Ion	Ratio	Lower	Upper
152	100		
151	14.7	15.8	23.8#
153	14.7	10.2	15.4



#50

Dimethylphthalate

Concen: 0.001 ng

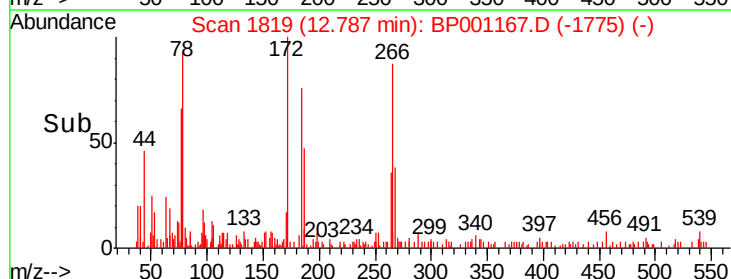
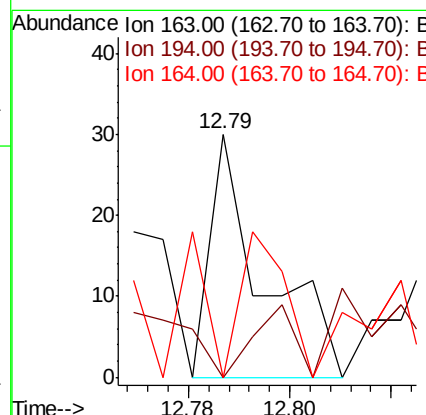
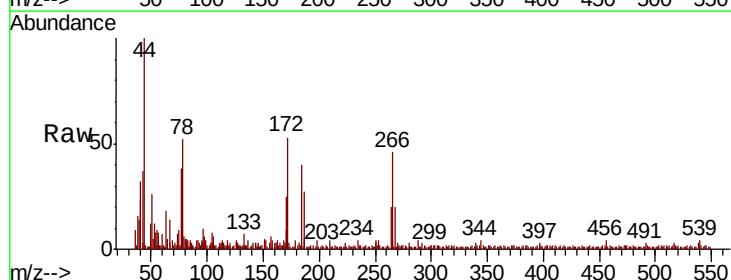
RT: 12.79 min Scan# 1819

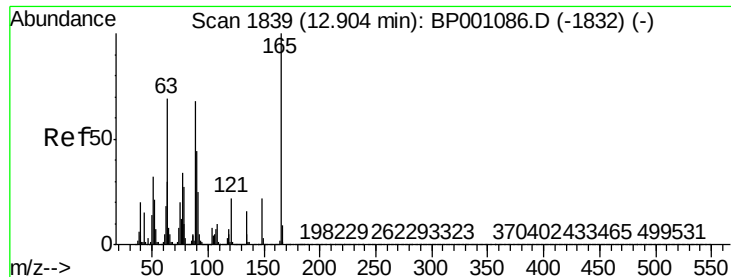
Delta R.T. -0.04 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:	163	Resp:	22
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	0.0	8.1	12.1#





#51

2,6-Dinitrotoluene

Concen: 0.006 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BP001167.D

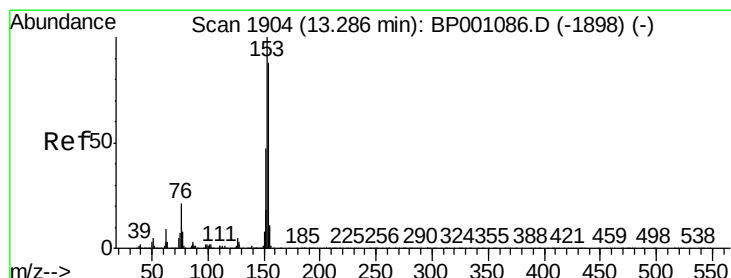
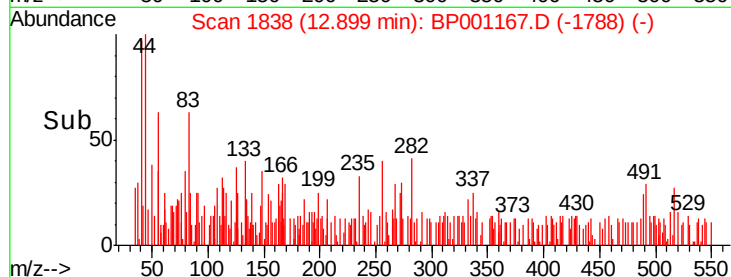
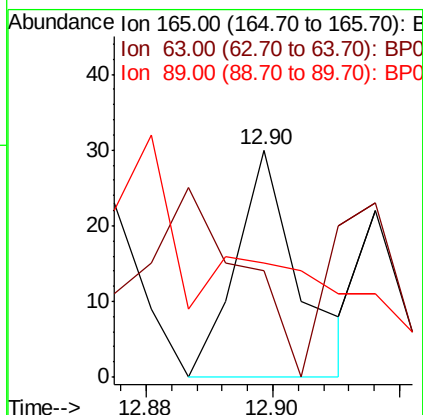
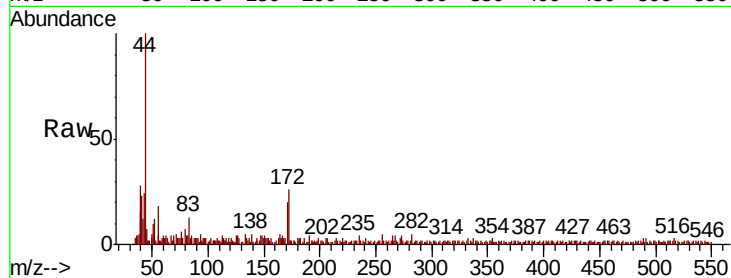
Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	165	Resp:	20
Ion	Ratio	Lower	Upper
165	100		
63	46.7	55.6	83.4#
89	50.0	54.1	81.1#



#52

Acenaphthene

Concen: 0.004 ng

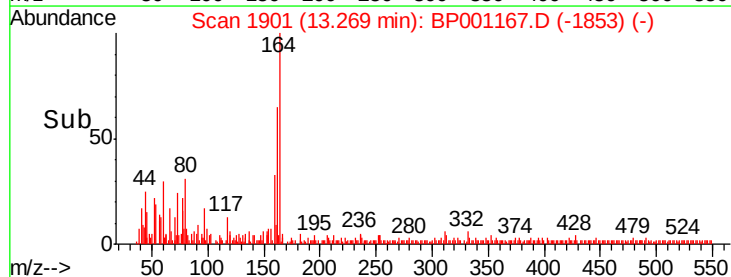
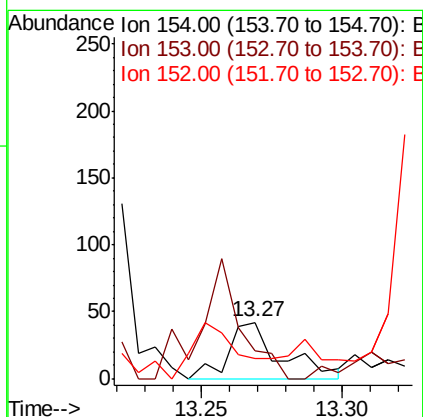
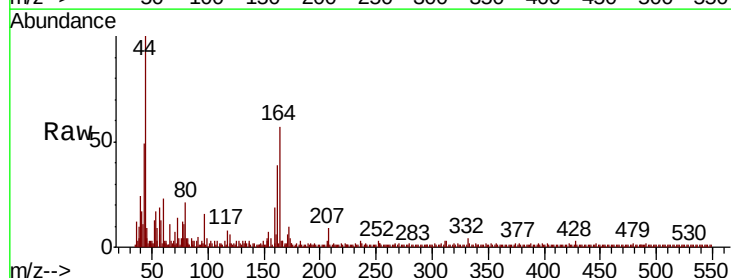
RT: 13.27 min Scan# 1901

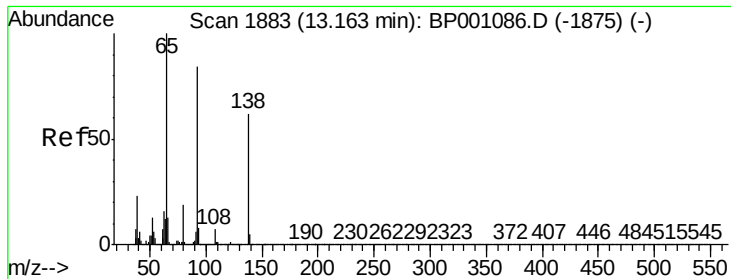
Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:	154	Resp:	55
Ion	Ratio	Lower	Upper
154	100		
153	50.0	90.5	135.7#
152	35.7	42.6	64.0#

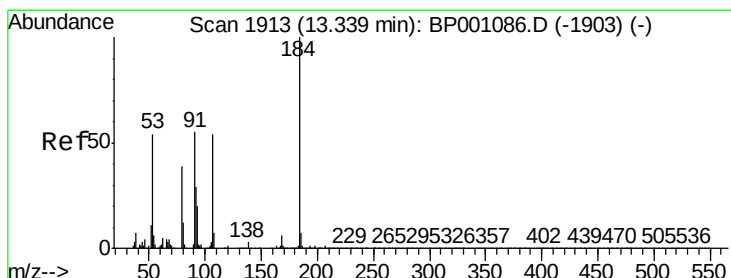
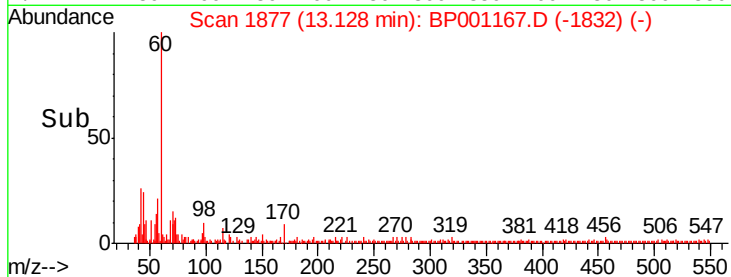
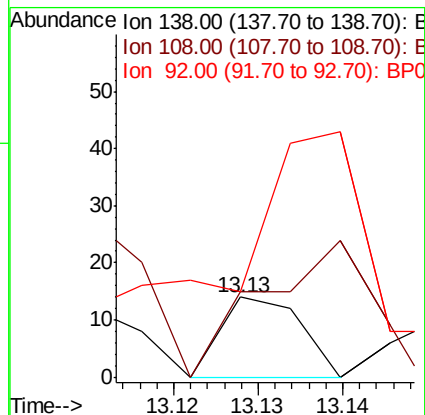
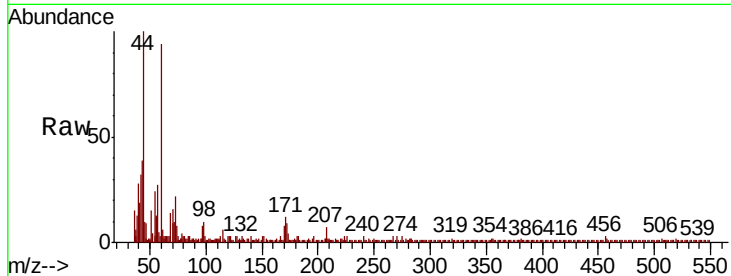




#53
3-Nitroaniline
Concen: 0.002 ng
RT: 13.13 min Scan# 1877
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

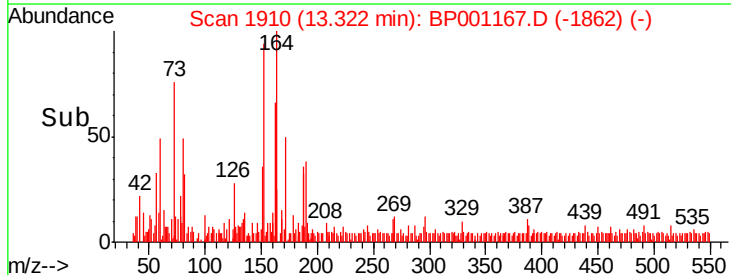
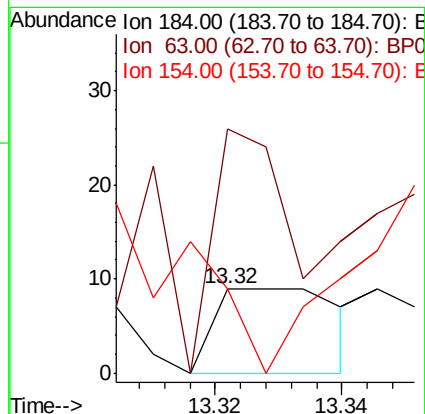
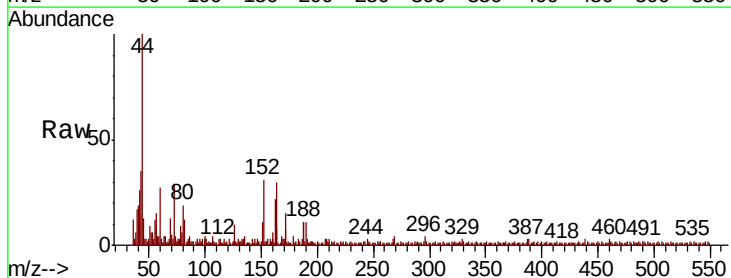
Instrument :
BNA_P
ClientSampleId :

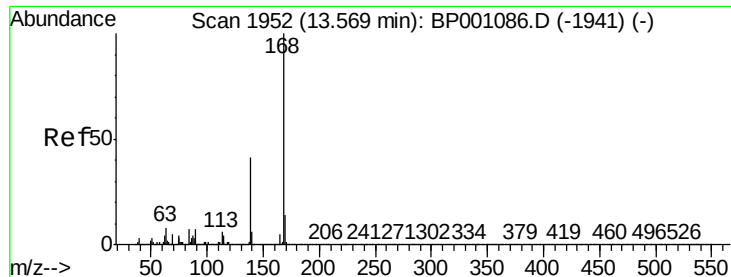
Tot Ion:138 Resp: 9
Ion Ratio Lower Upper
138 100
108 107.1 9.2 13.8#
92 107.1 107.8 161.6#



#54
2,4-Dinitrophenol
Concen: 7.117 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 288.9 60.7 91.1#
154 100.0 56.2 84.2#

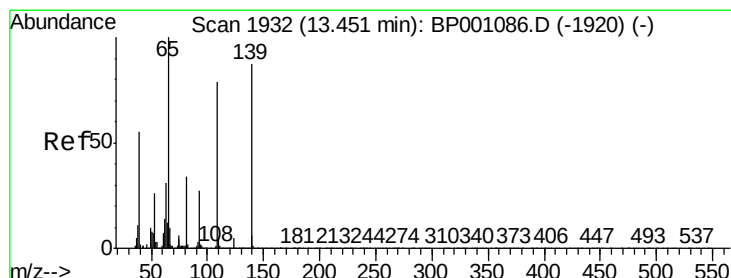
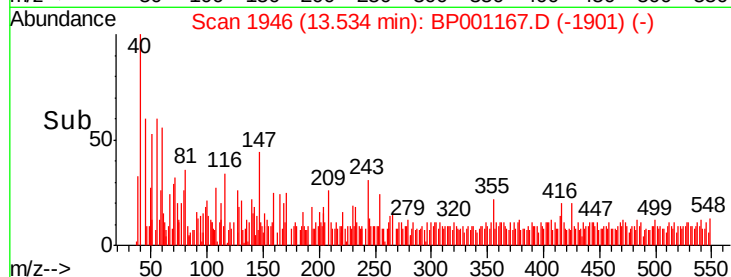
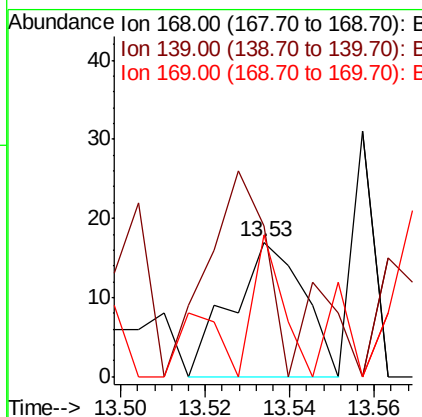
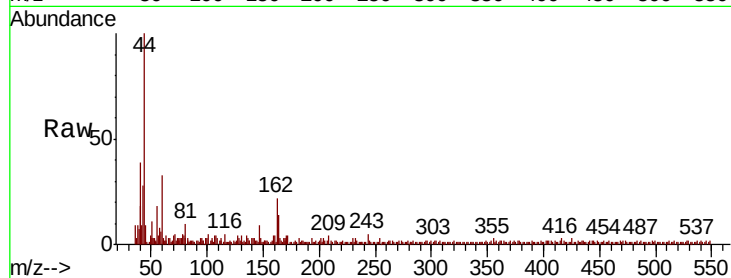




#55
Dibenzofuran
Concen: 0.001 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

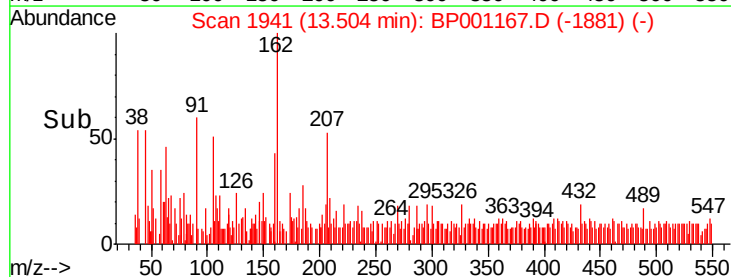
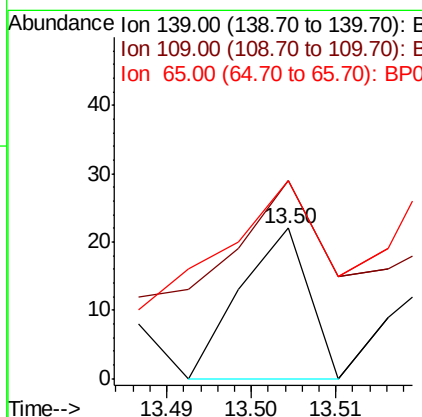
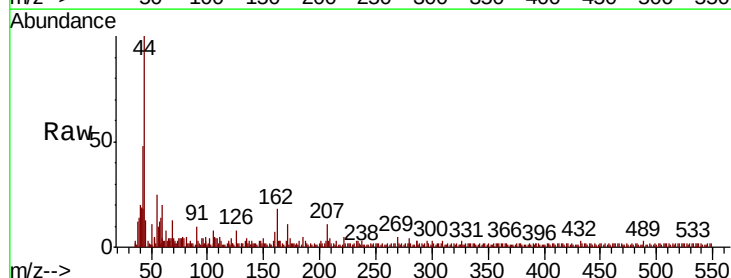
Instrument :
BNA_P
ClientSampleId :

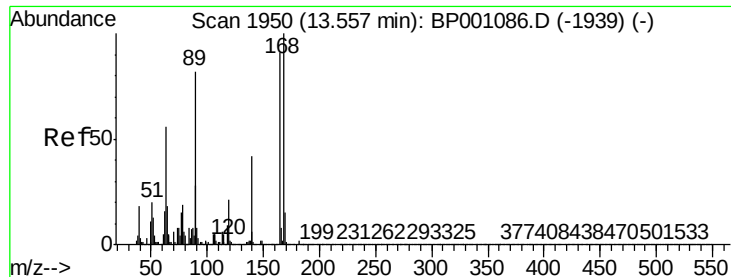
Tot Ion:168 Resp: 20
Ion Ratio Lower Upper
168 100
139 111.8 32.8 49.2#
169 105.9 10.9 16.3#



#56
4-Nitrophenol
Concen: 0.004 ng
RT: 13.50 min Scan# 1941
Delta R.T. 0.05 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 103.6 70.9 110.9
65 103.6 95.2 135.2

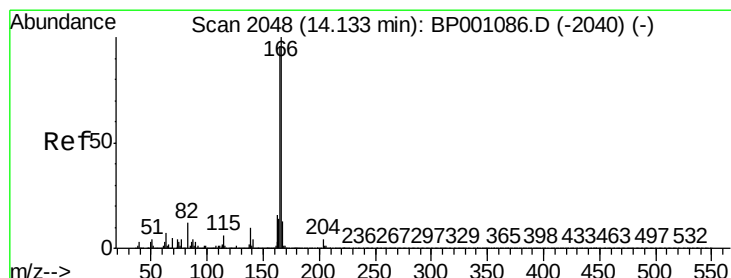
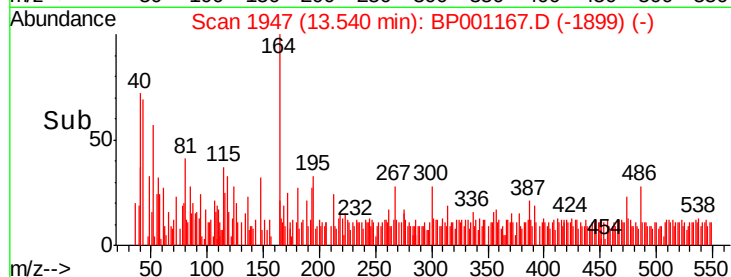
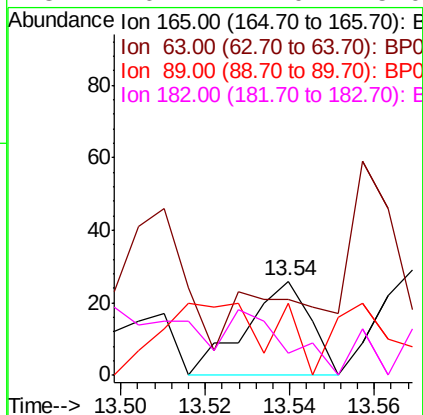
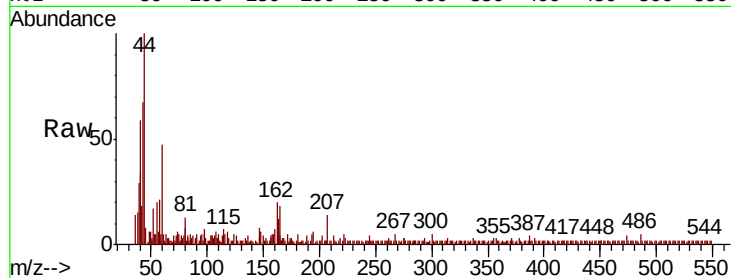




#57
2,4-Dinitrotoluene
Concen: 0.006 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

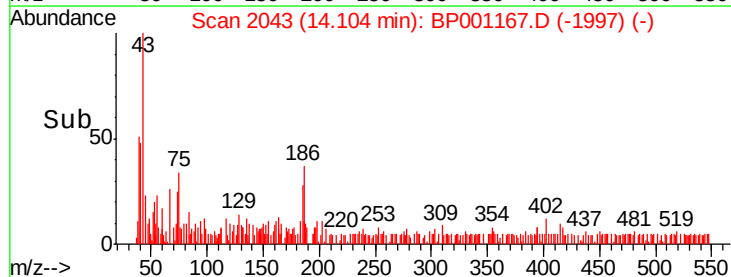
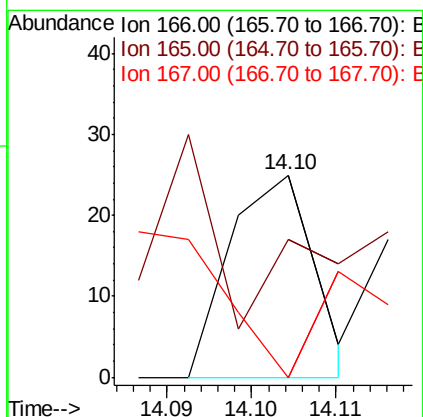
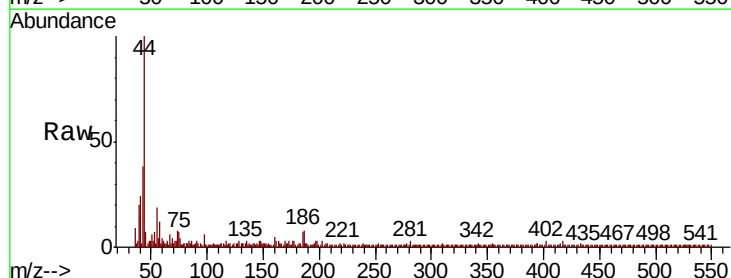
Instrument :
BNA_P
ClientSampleID :

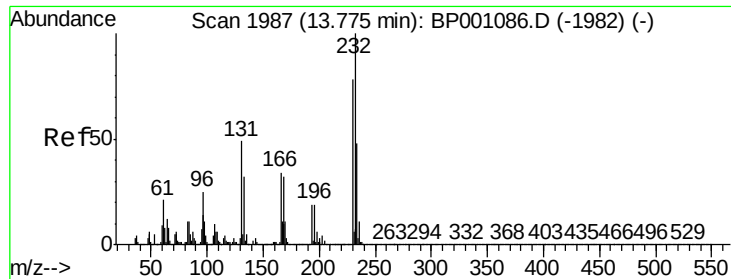
Tot Ion:165 Resp: 28
Ion Ratio Lower Upper
165 100
63 58.3 49.4 74.2
89 55.6 72.1 108.1#
182 16.7 2.0 3.0#



#58
Fluorene
Concen: 0.001 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:166 Resp: 17
Ion Ratio Lower Upper
166 100
165 68.0 76.7 115.1#
167 0.0 10.5 15.7#

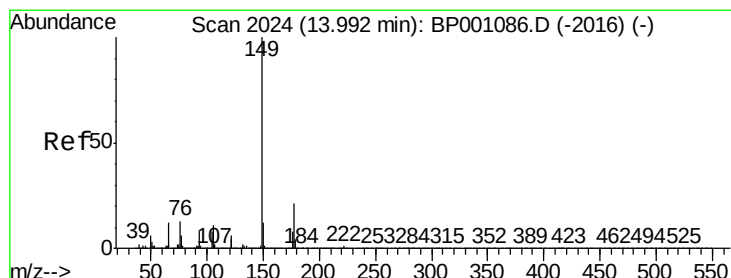
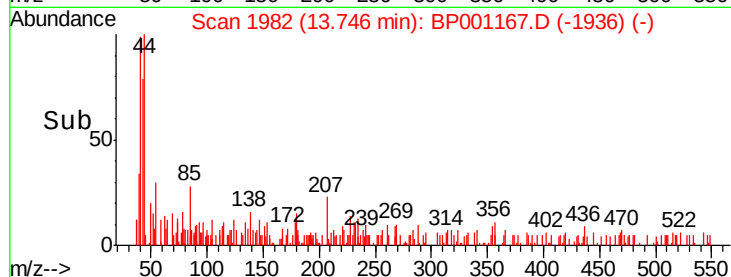
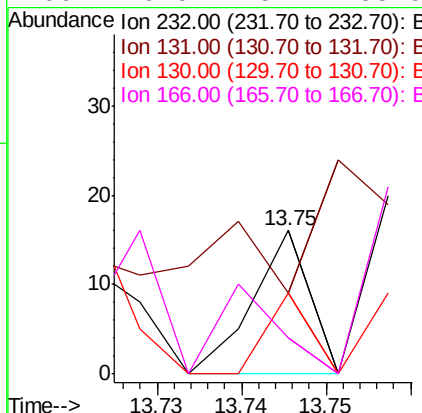
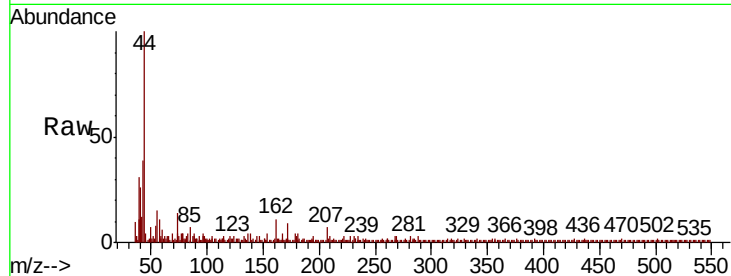




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.002 ng
RT: 13.75 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

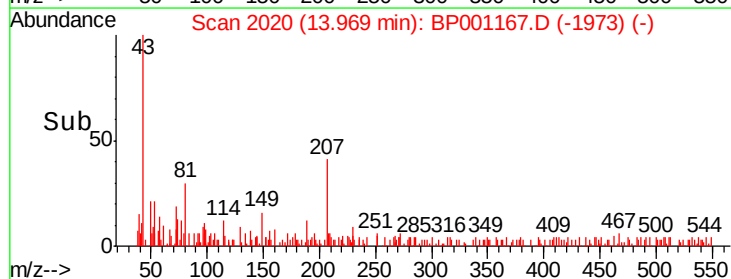
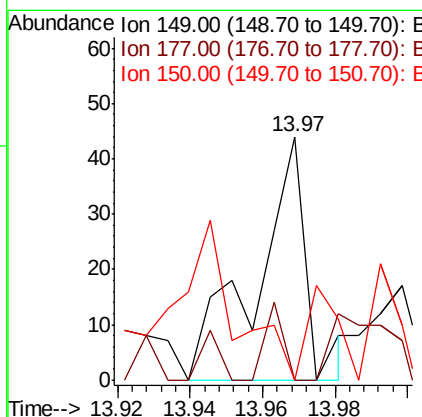
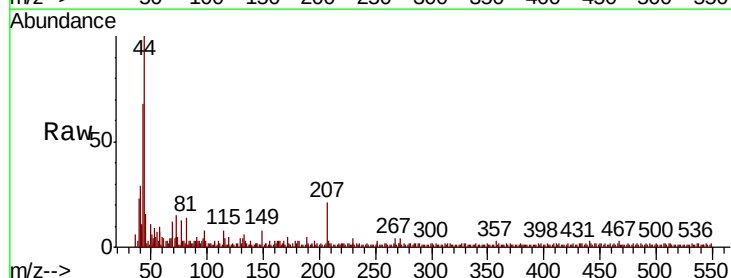
Instrument :
BNA_P
ClientSampleId :

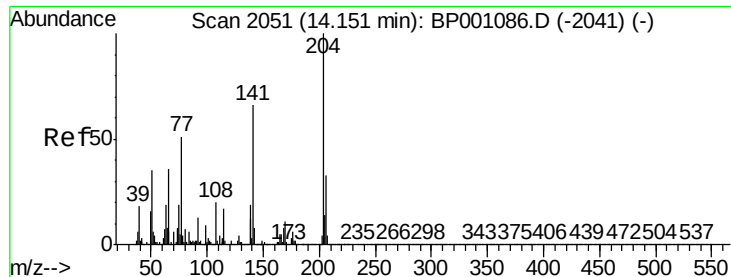
Tot Ion:	232	Resp:	7
Ion	Ratio	Lower	Upper
232	100		
131	257.1	39.6	59.4#
130	0.0	1.9	2.9#
166	0.0	25.7	38.5#



#60
Diethylphthalate
Concen: 0.003 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:	149	Resp:	43
Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.0	25.6#
150	0.0	9.9	14.9#

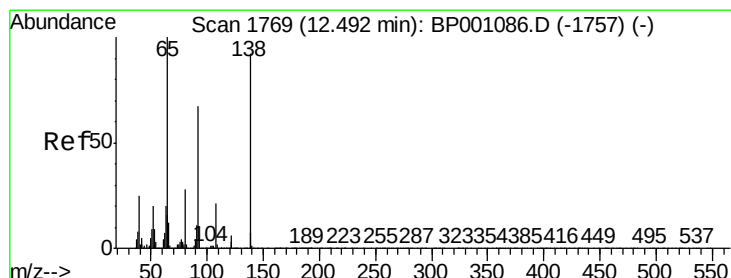
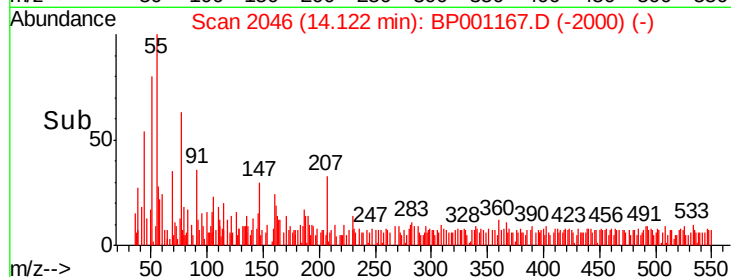
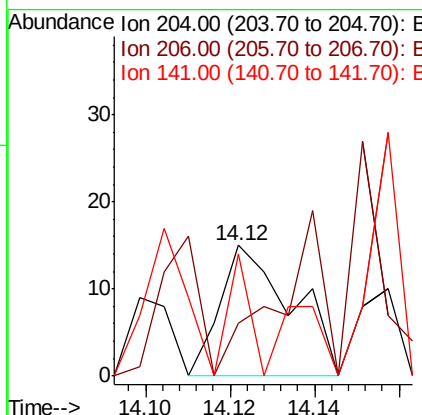
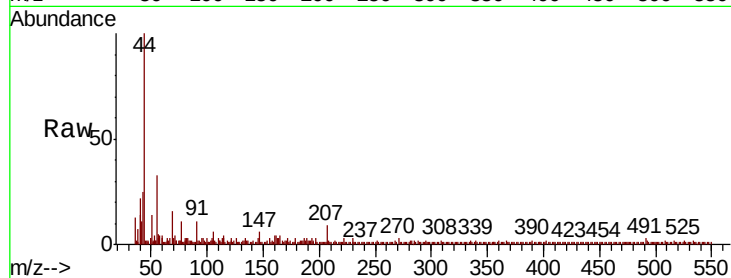




#61
4-Chlorophenyl-phenylether
Concen: 0.002 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

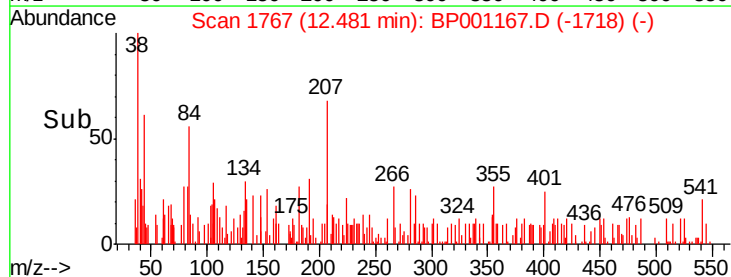
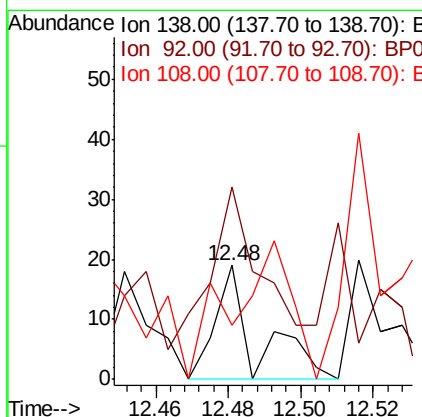
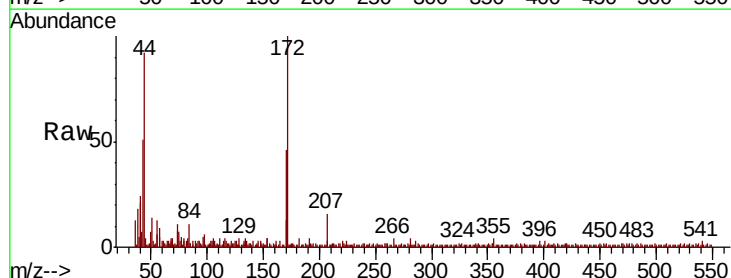
Instrument :
BNA_P
ClientSampleId :

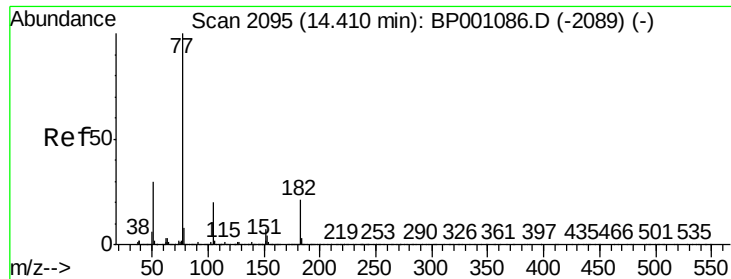
Tot Ion	Ratio	Lower	Upper
204	100		
206	40.0	26.1	39.1#
141	93.3	52.7	79.1#



#62
4-Nitroaniline
Concen: 0.003 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	168.4	53.3	93.3#
108	47.4	3.1	43.1#

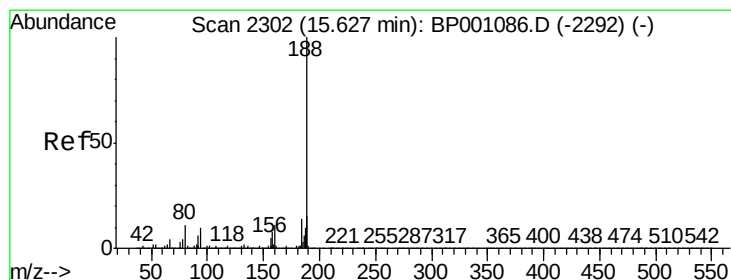
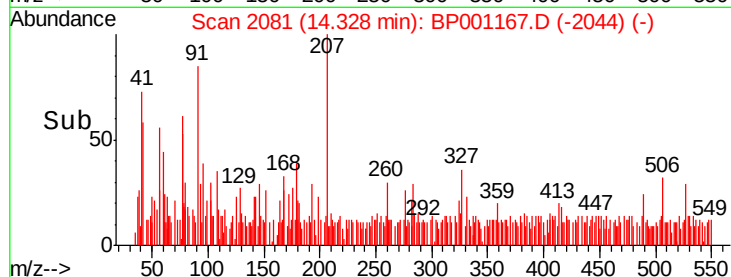
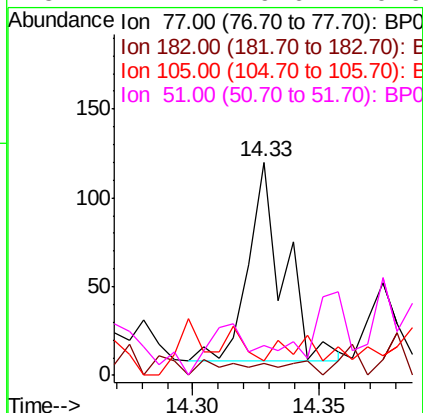
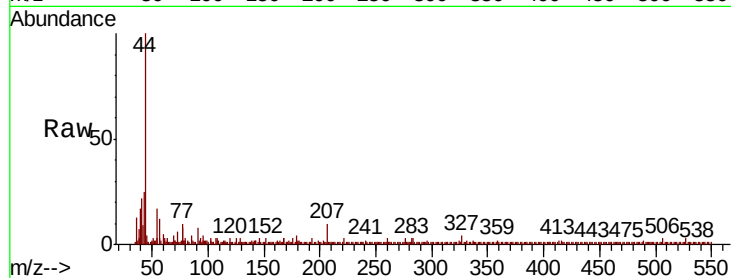




#63
Azobenzene
Concen: 0.006 ng
RT: 14.33 min Scan# 2081
Delta R.T. -0.08 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

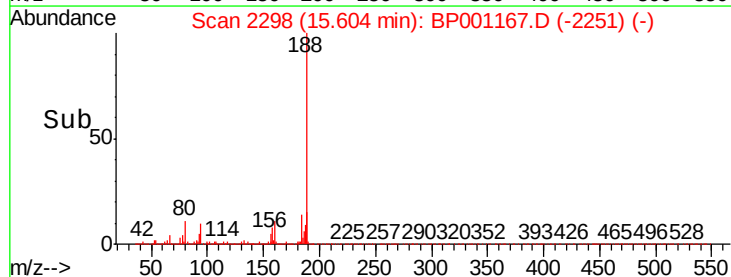
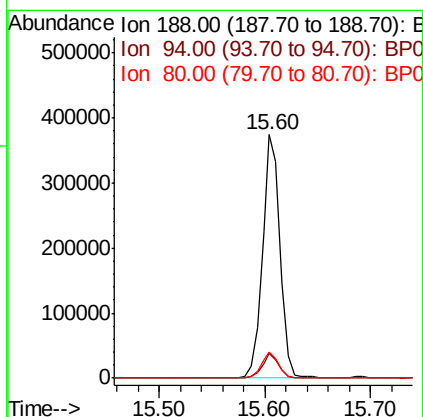
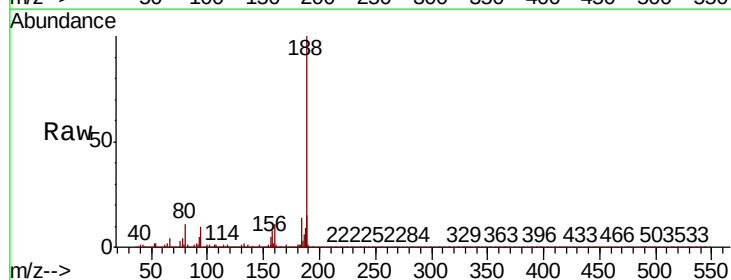
Instrument :
BNA_P
ClientSampleId :

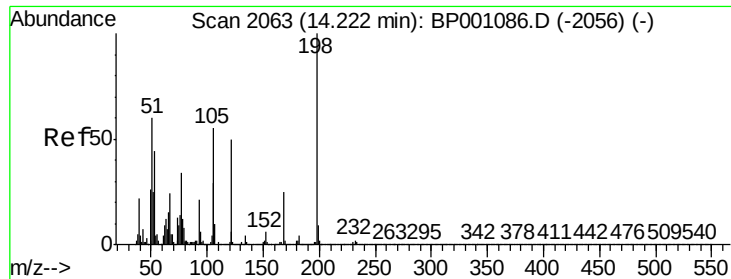
Tot Ion:	77	Resp:	108
Ion	Ratio	Lower	Upper
77	100		
182	5.8	0.8	40.8
105	6.7	0.3	40.3
51	14.2	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion:	188	Resp:	433334
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	10.7	8.8	13.2

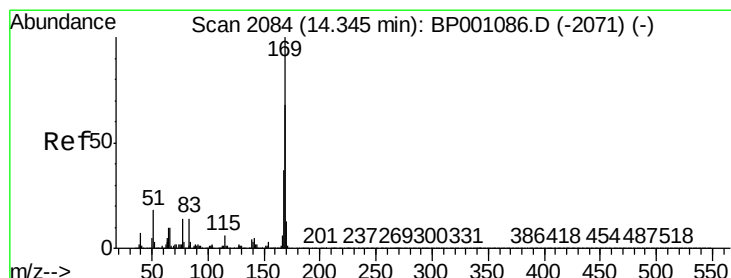
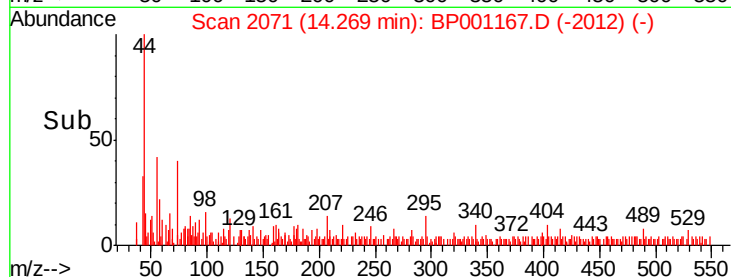
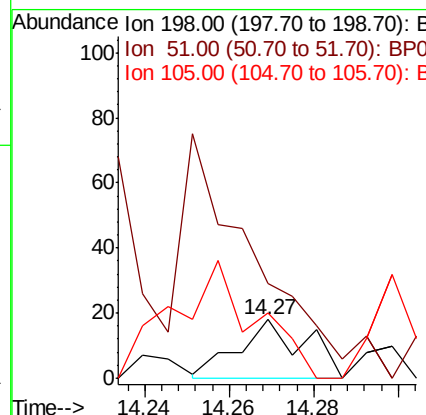
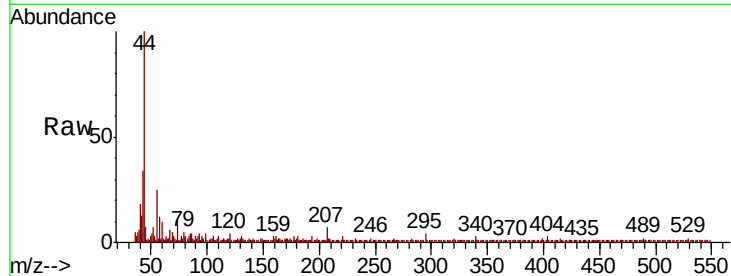




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.286 ng
 RT: 14.27 min Scan# 2071
 Delta R.T. 0.05 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

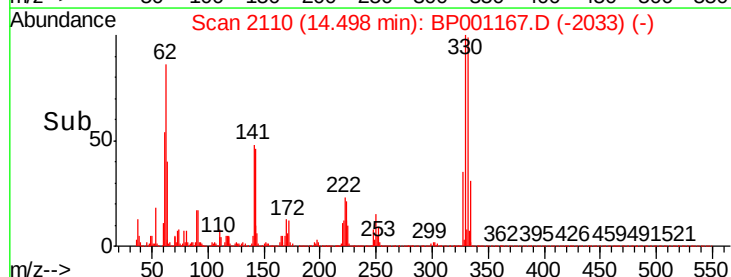
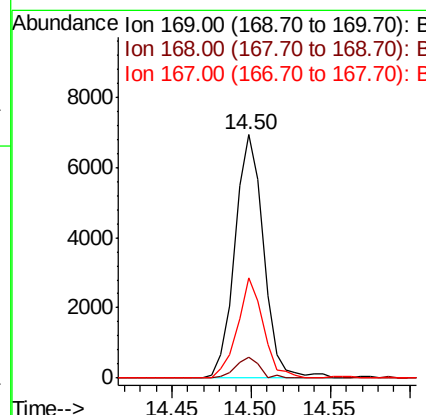
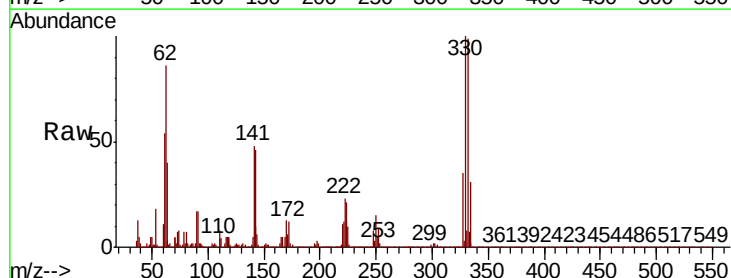
Instrument :
 BNA_P
 ClientSampleId :

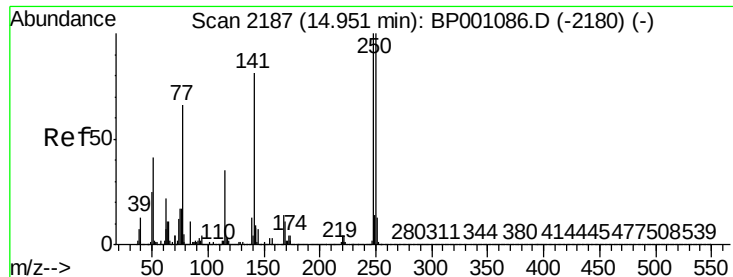
Tot Ion	Ratio	Lower	Upper
198	100		
51	161.1	40.5	80.5#
105	111.1	35.7	75.7#



#66
 n-Nitrosodiphenylamine
 Concen: 0.660 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. 0.15 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	8.3	54.1	81.1#
167	41.1	29.5	44.3

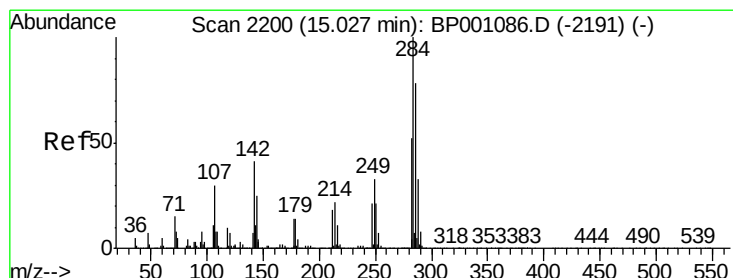
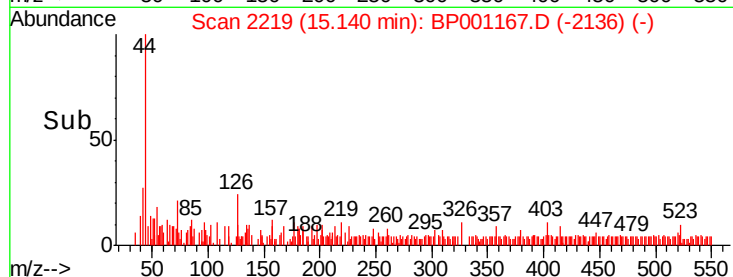
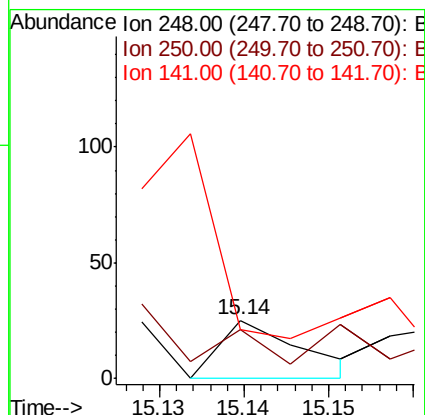
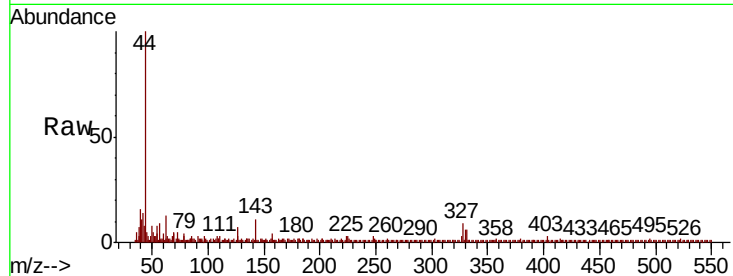




#67
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.19 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

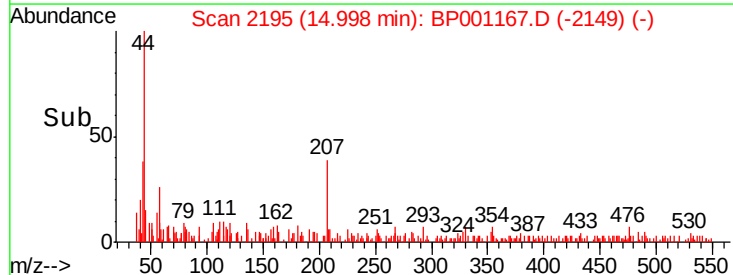
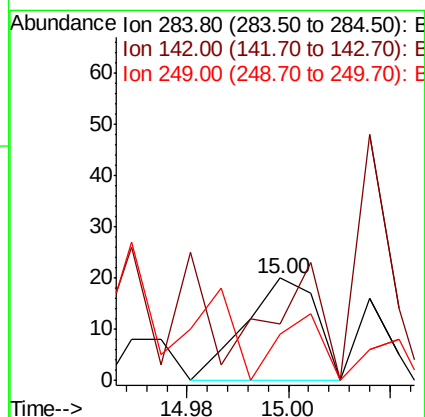
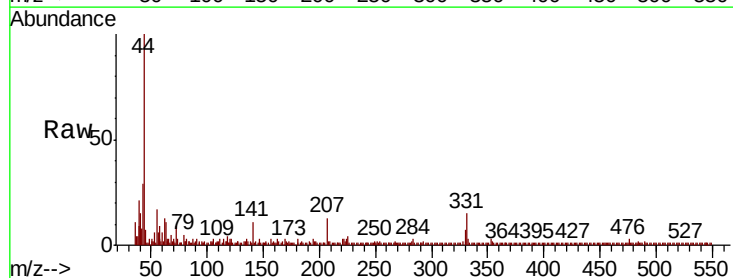
Instrument :
BNA_P
ClientSampled :

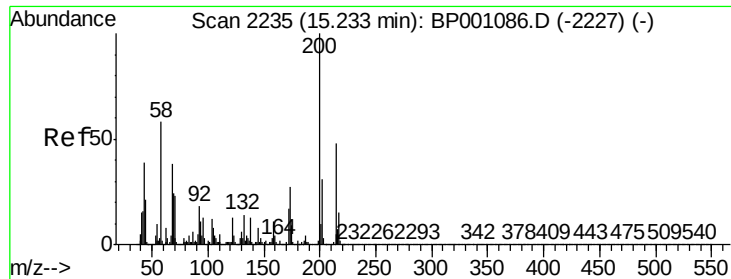
Tot Ion	Ratio	Lower	Upper
248	100		
250	84.0	80.3	120.5
141	84.0	64.9	97.3



#68
Hexachlorobenzene
Concen: 0.004 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	55.0	33.2	49.8#
249	110.0	26.2	39.4#

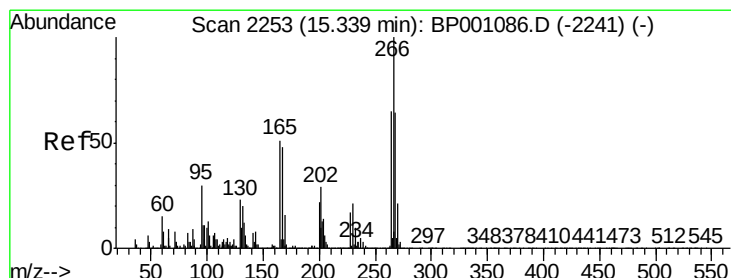
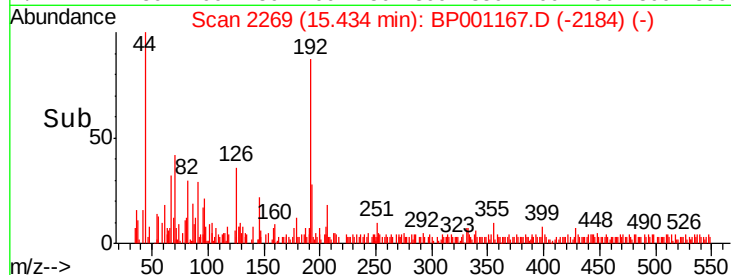
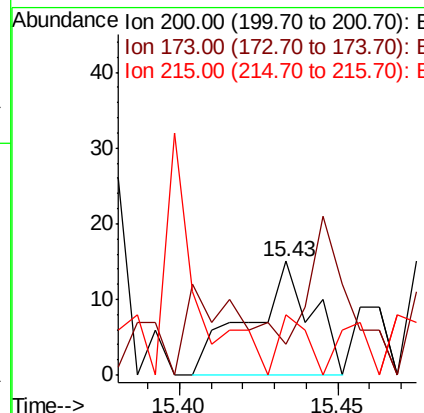
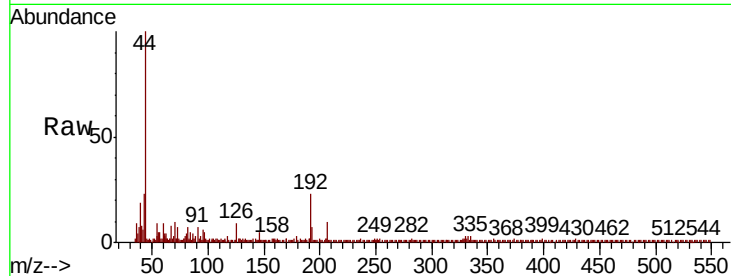




#69
Atrazine
Concen: 0.005 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.20 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

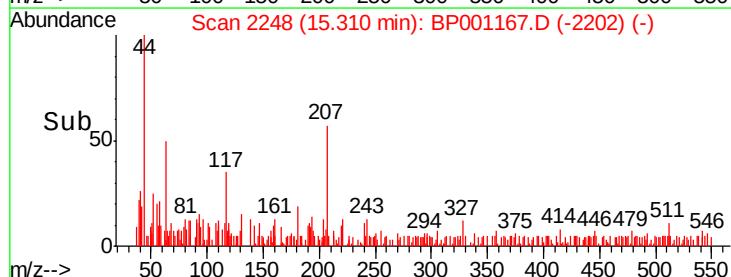
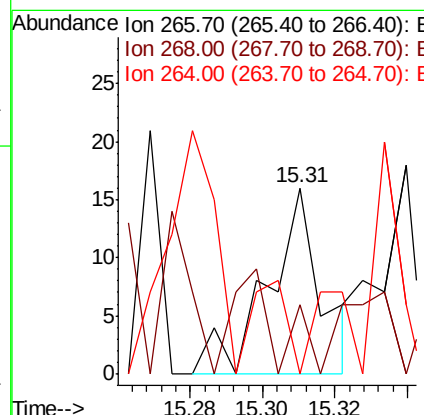
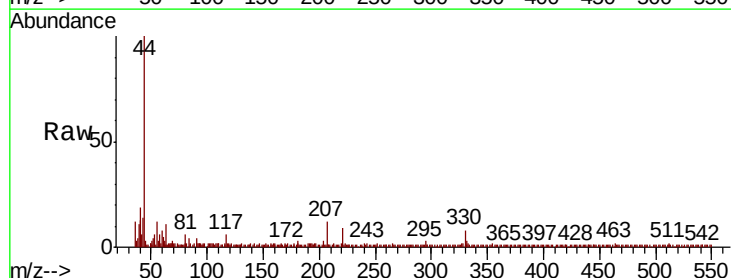
Instrument :
BNA_P
ClientSampled :

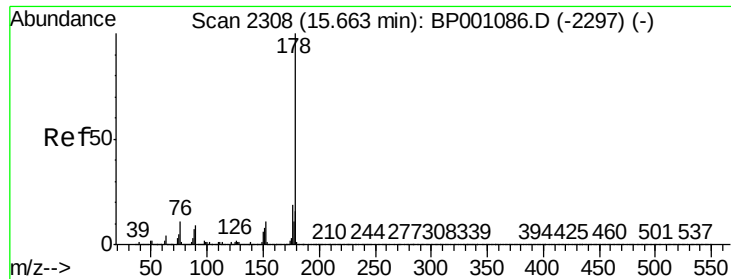
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	53.3	27.9	67.9



#70
Pentachlorophenol
Concen: 0.006 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.03 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	37.5	51.6	77.4#
264	0.0	52.2	78.4#





#71

Phenanthrene

Concen: 0.008 ng

RT: 15.64 min Scan# 2304

Delta R.T. -0.02 min

Lab File: BP001167.D

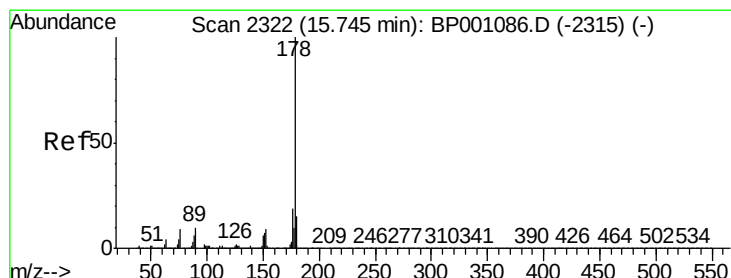
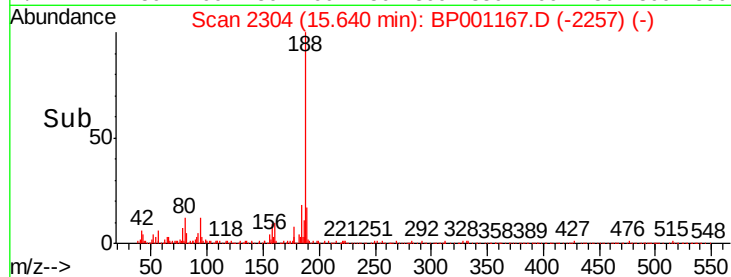
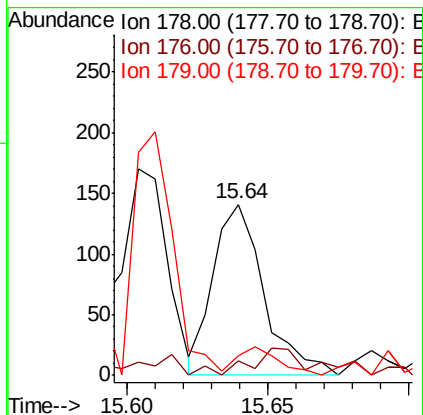
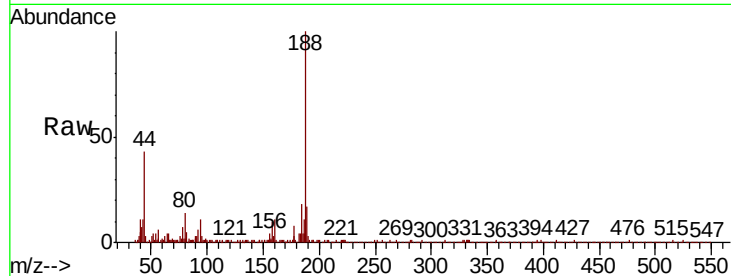
Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampled :

Tot Ion:178	Resp:	177
Ion	Ratio	Lower Upper
178	100	
176	22.7	15.4 23.2
179	11.3	12.5 18.7#



#72

Anthracene

Concen: 0.003 ng

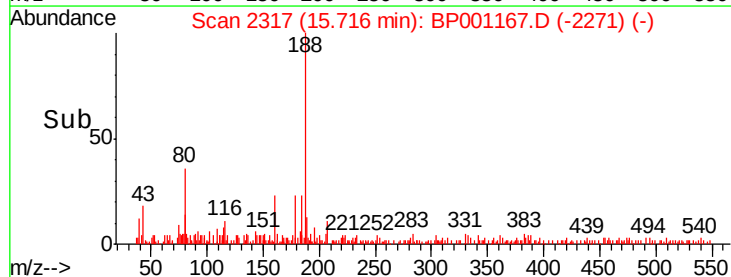
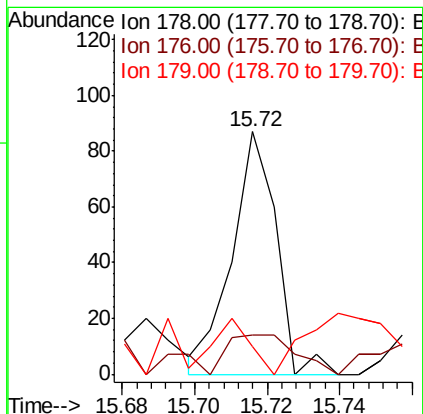
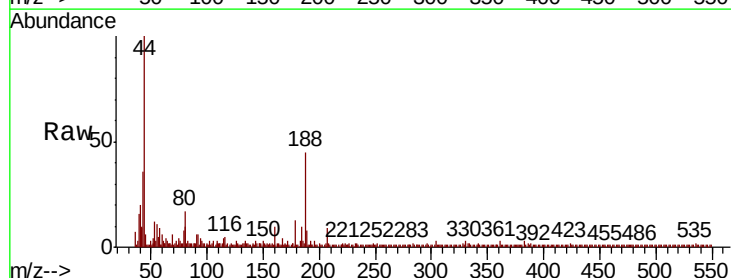
RT: 15.72 min Scan# 2317

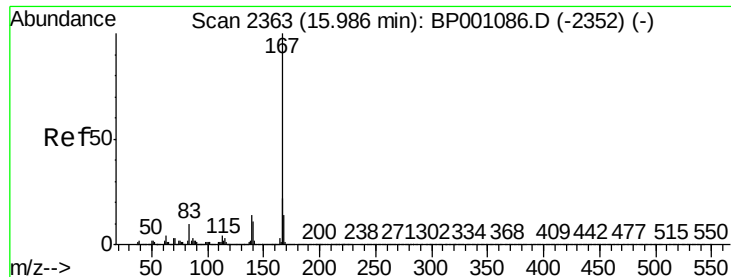
Delta R.T. -0.03 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:178	Resp:	74
Ion	Ratio	Lower Upper
178	100	
176	29.9	14.9 22.3#
179	23.0	12.2 18.4#

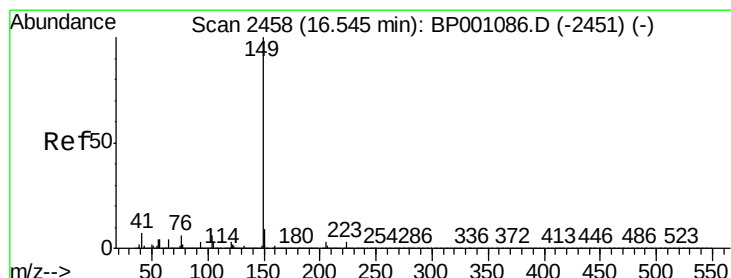
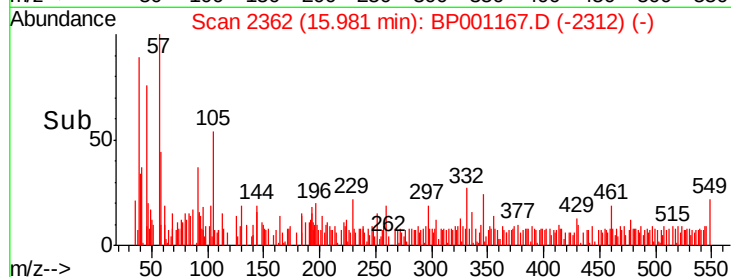
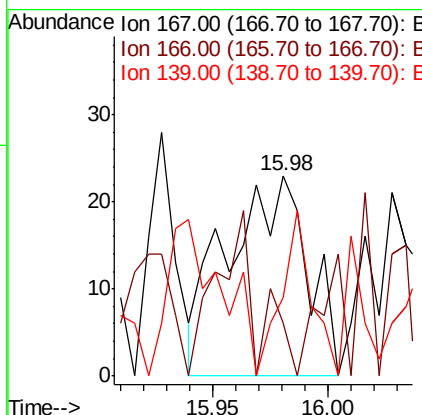
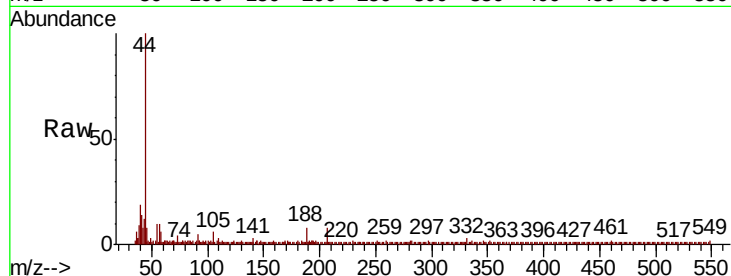




#73
 Carbazole
 Concen: 0.003 ng
 RT: 15.98 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

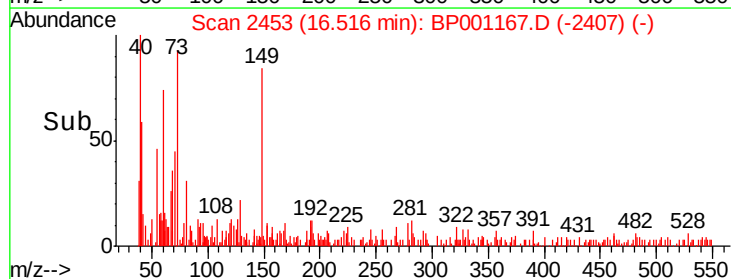
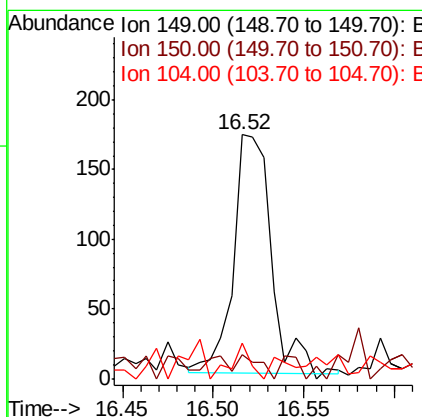
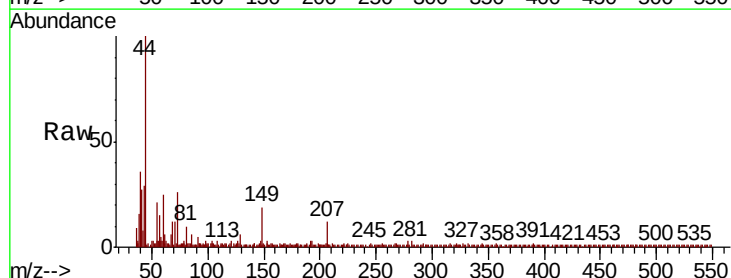
Instrument :
 BNA_P
 ClientSampled :

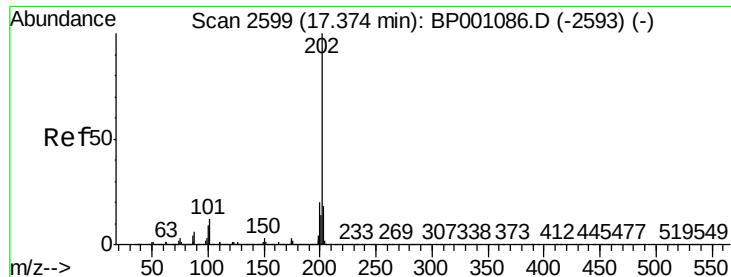
Tot Ion:167 Resp: 56
 Ion Ratio Lower Upper
 167 100
 166 26.1 17.2 25.8#
 139 39.1 11.3 16.9#



#74
 Di-n-butylphthalate
 Concen: 0.009 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.03 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

Tgt Ion:149 Resp: 250
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 14.3 4.6 6.8#





#75

Fluoranthene

Concen: 0.000 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.09 min

Lab File: BP001167.D

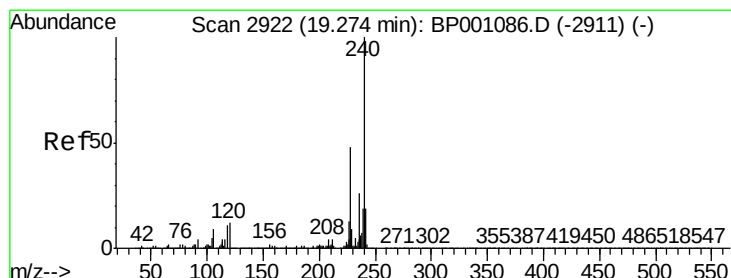
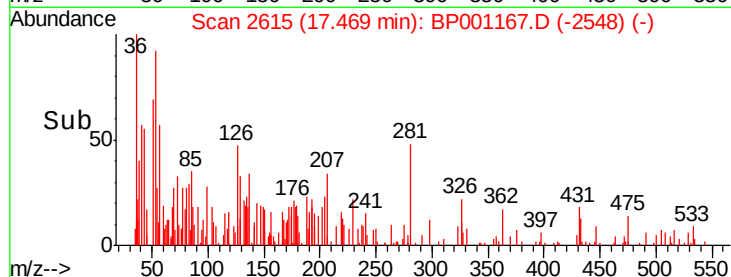
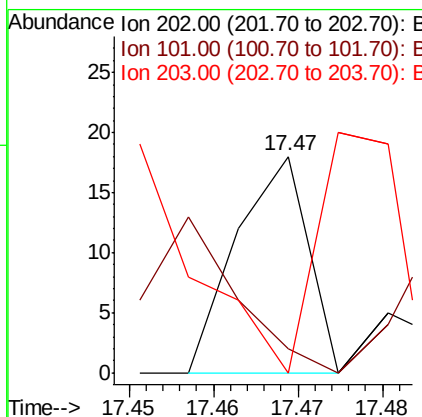
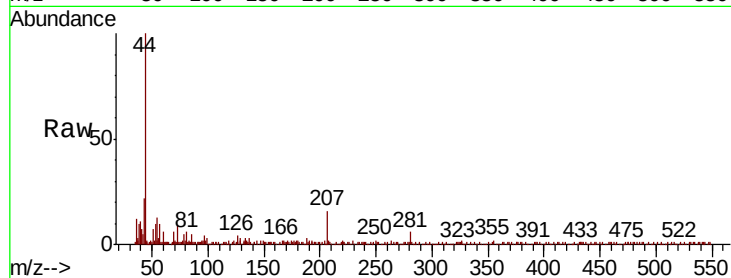
Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	11
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.1
203	0.0	0.0	37.8



#76

Chrysene-d12

Concen: 20.000 ng

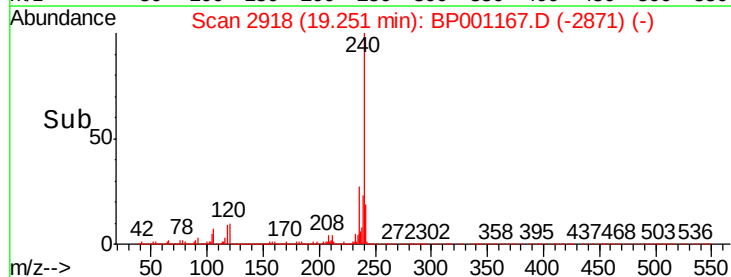
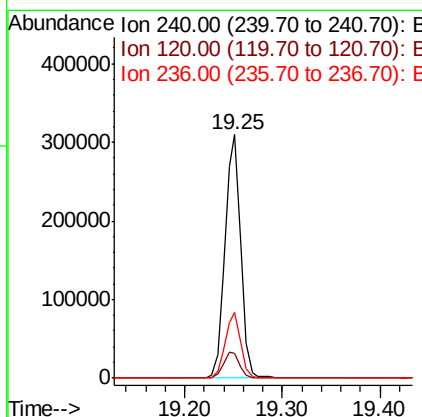
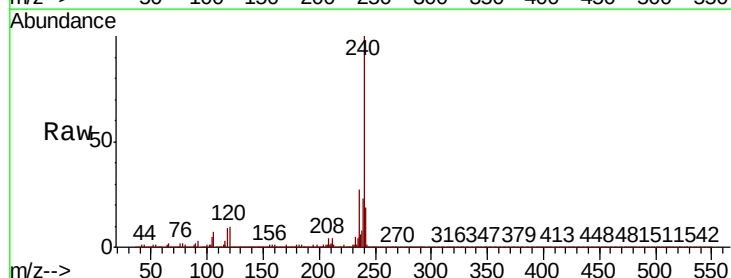
RT: 19.25 min Scan# 2918

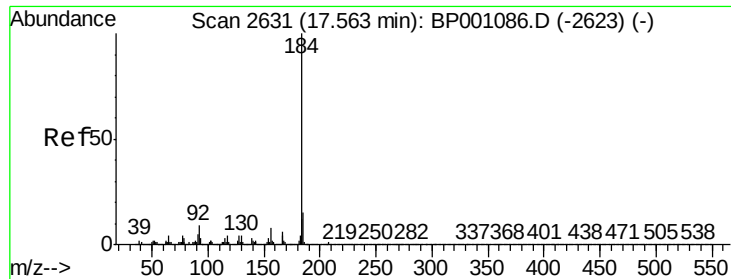
Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:	240	Resp:	343331
Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.8	20.4	30.6





#77

Benzidine

Concen: 0.008 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.04 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

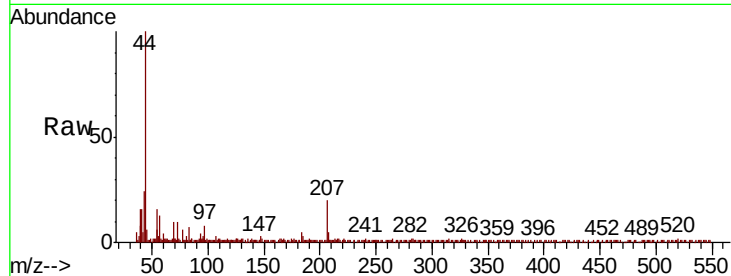
Tot Ion:184 Resp: 69

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

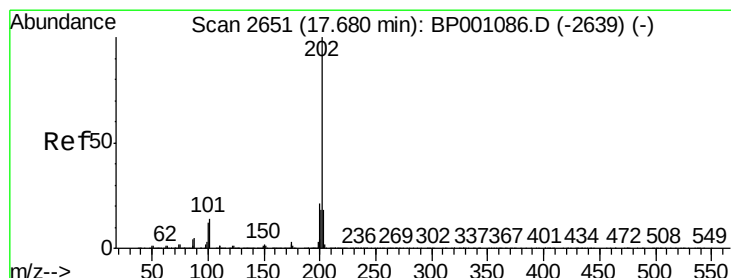
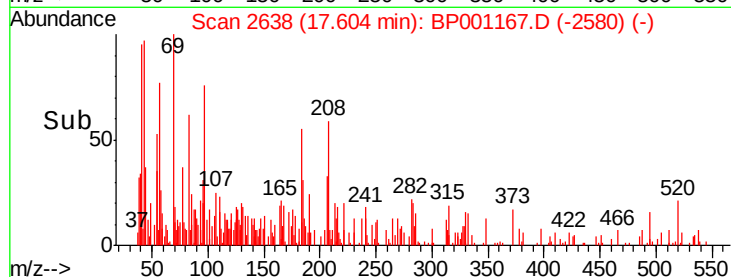
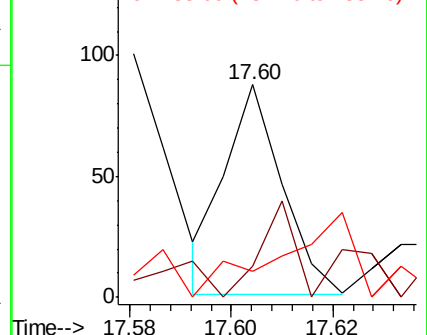
183 12.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.223 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.21 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

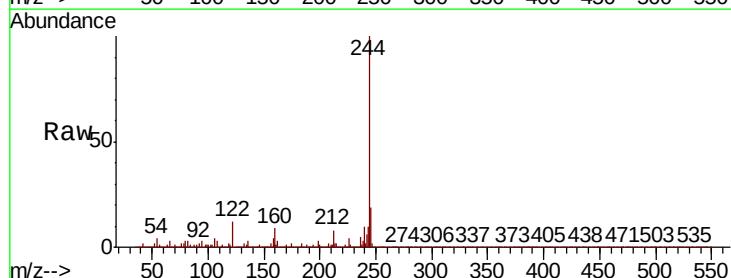
Tgt Ion:202 Resp: 6029

Ion Ratio Lower Upper

202 100

200 41.8 17.0 25.6#

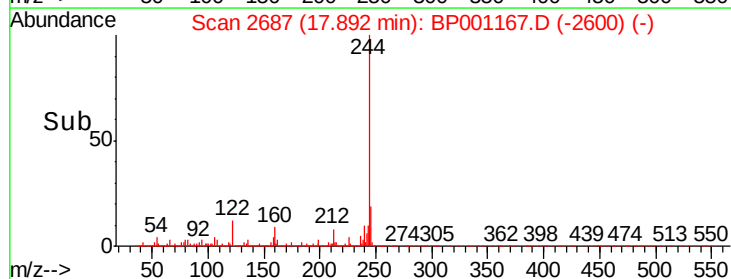
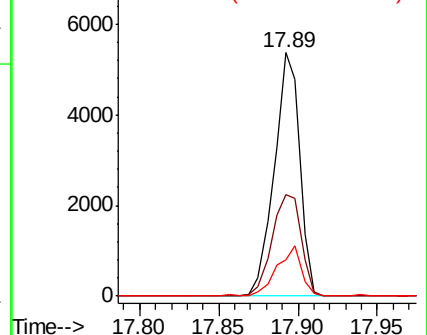
203 14.8 14.1 21.1

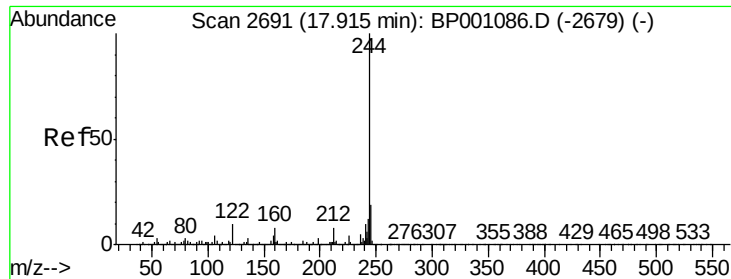


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.169 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

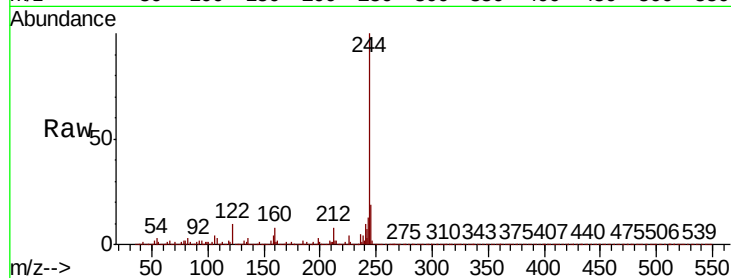
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 1617636

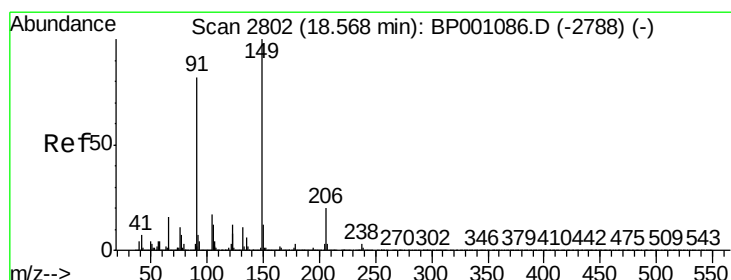
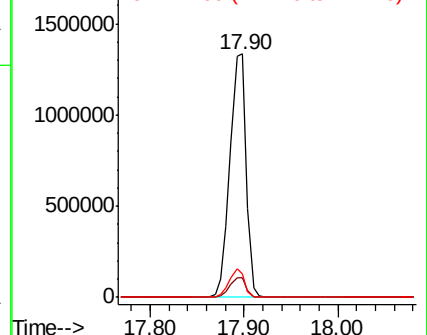
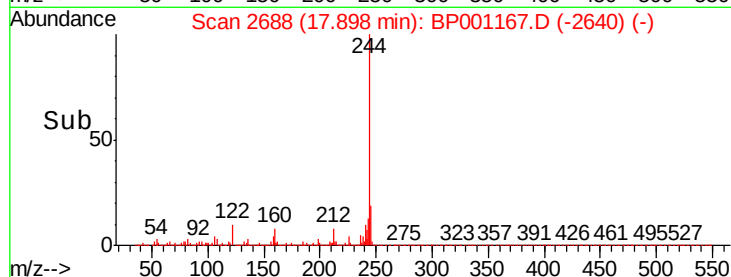
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	9.6	8.2	12.2



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: 0.003 ng

RT: 18.53 min Scan# 2796

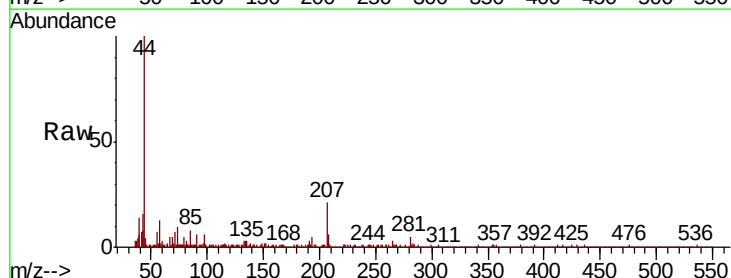
Delta R.T. -0.03 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:149 Resp: 41

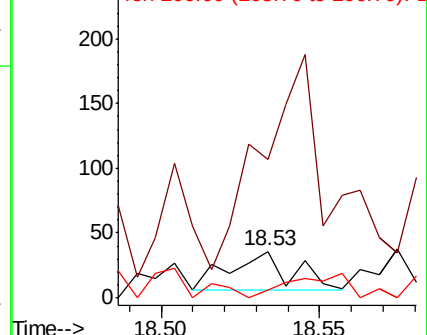
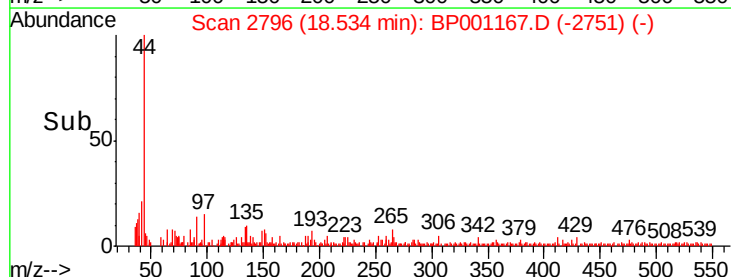
Ion	Ratio	Lower	Upper
149	100		
91	297.2	65.4	98.2
206	16.7	16.0	24.0

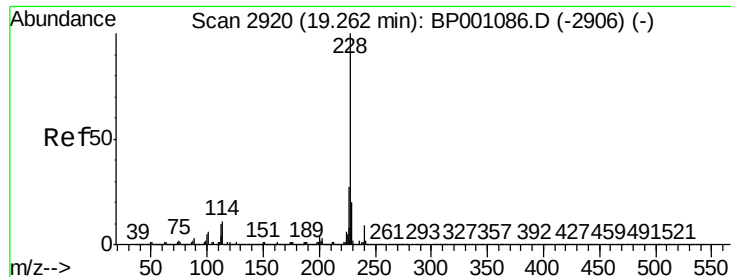


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.051 ng

RT: 19.25 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampled :

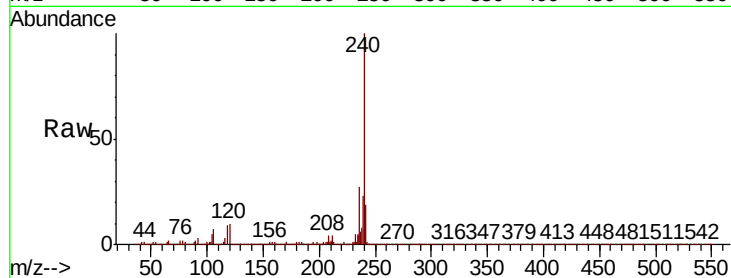
Tot Ion:228 Resp: 1220

Ion Ratio Lower Upper

228 100

226 7.5 21.8 32.6#

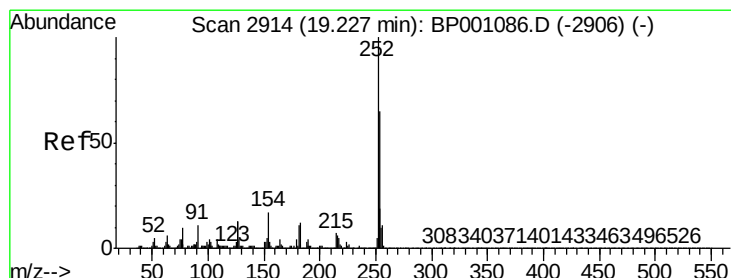
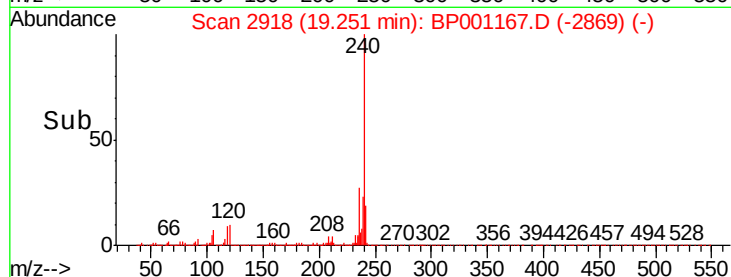
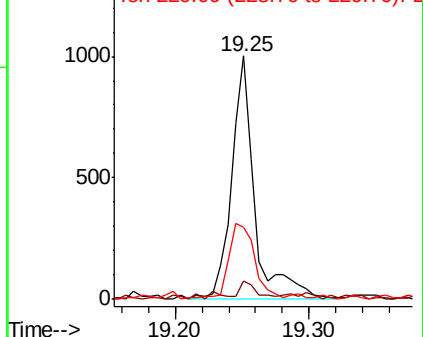
229 29.8 15.8 23.6#



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



#82

3,3'-Dichlorobenzidine

Concen: 0.018 ng

RT: 19.21 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

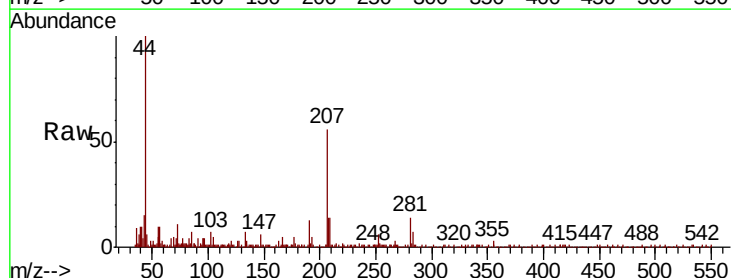
Tgt Ion:252 Resp: 143

Ion Ratio Lower Upper

252 100

254 16.3 51.7 77.5#

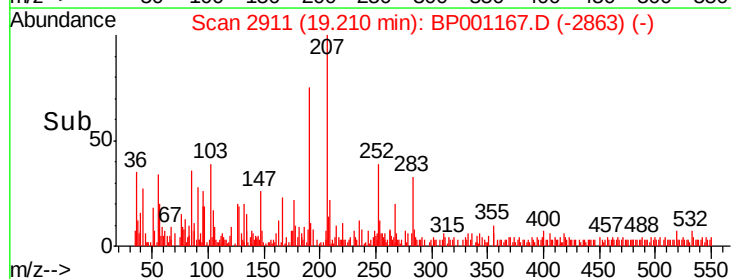
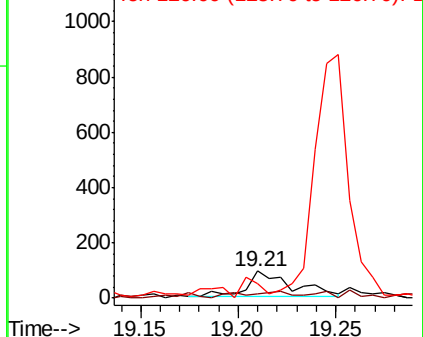
126 70.4 10.2 15.4#

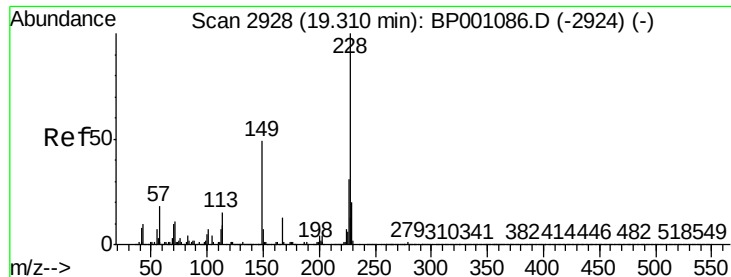


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

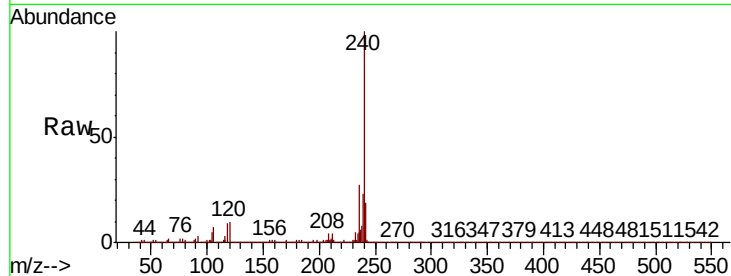




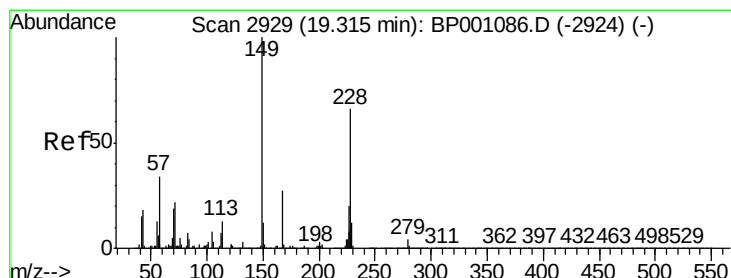
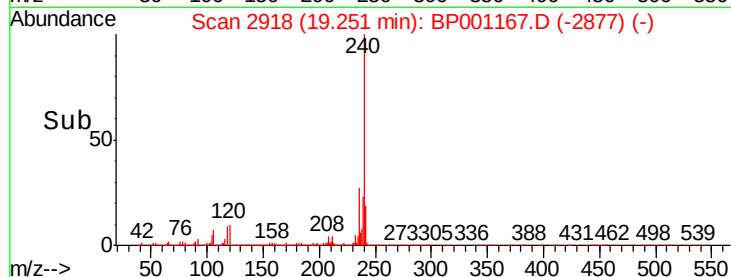
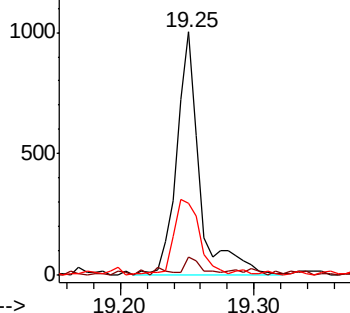
#83
 Chrysene
 Concen: 0.057 ng
 RT: 19.25 min Scan# 2918
 Delta R.T. -0.06 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:228 Resp: 1220
 Ion Ratio Lower Upper
 228 100
 226 7.5 24.4 36.6#
 229 29.8 15.7 23.5#

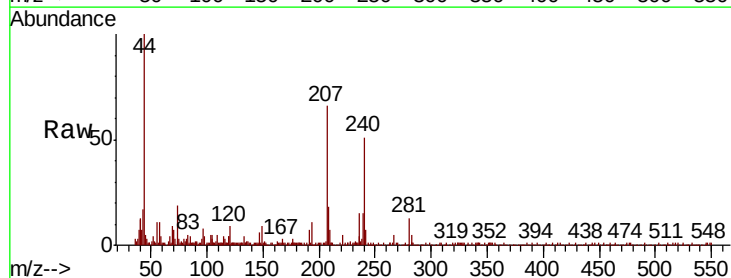


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

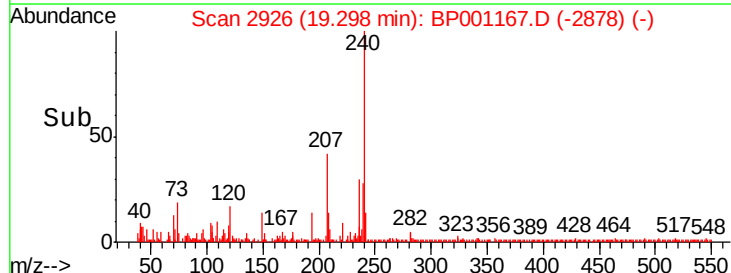
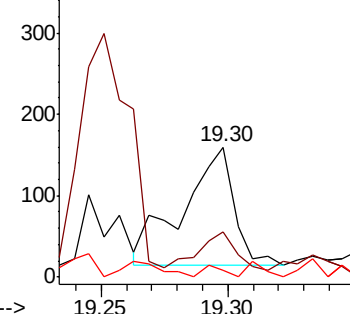


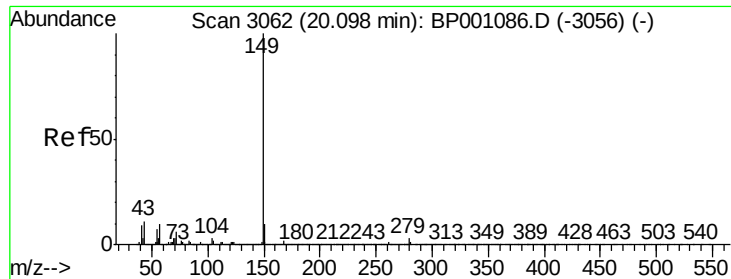
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.012 ng
 RT: 19.30 min Scan# 2926
 Delta R.T. -0.02 min
 Lab File: BP001167.D
 Acq: 03 Dec 2019 21:08

Tgt Ion:149 Resp: 205
 Ion Ratio Lower Upper
 149 100
 167 34.4 21.3 31.9#
 279 5.0 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

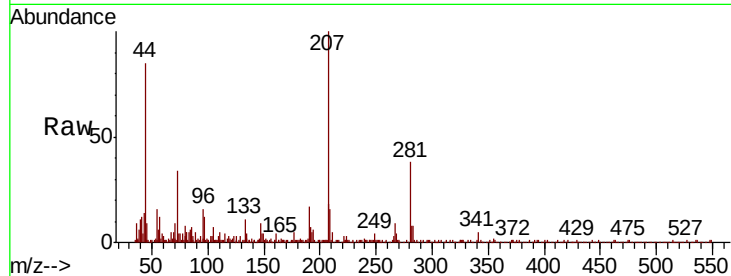




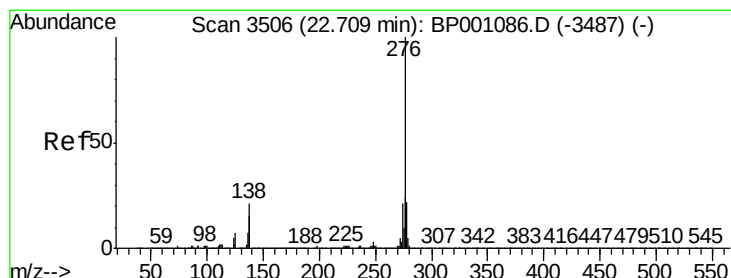
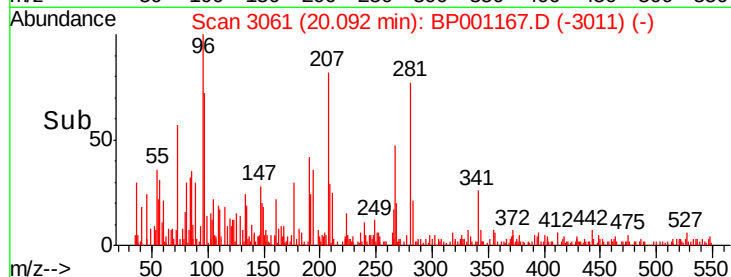
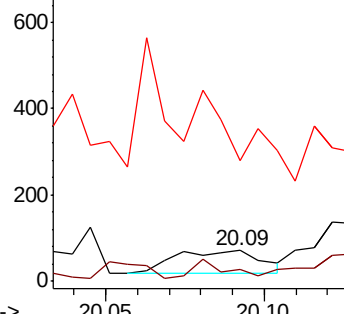
#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 20.09 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	34.7	1.2	1.8#
43	0.0	8.5	12.7#

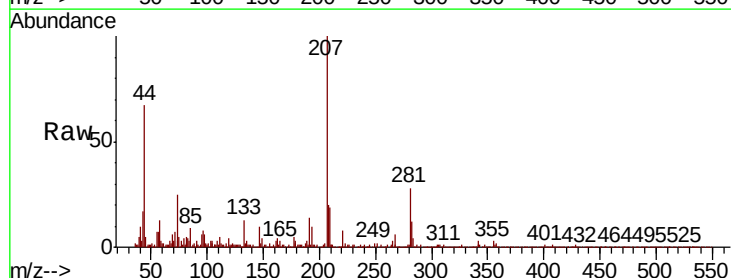


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0

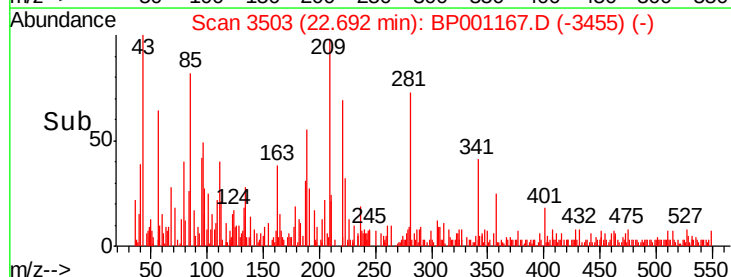
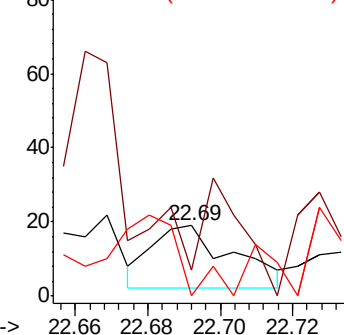


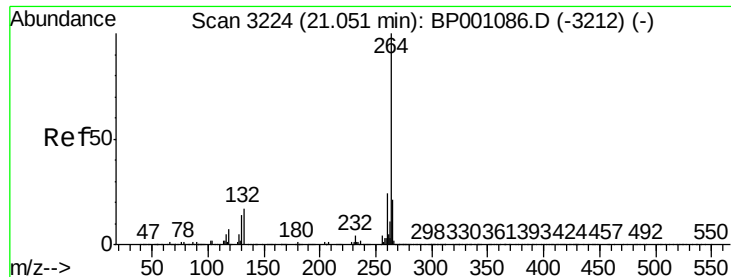
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 22.69 min Scan# 3503
Delta R.T. -0.02 min
Lab File: BP001167.D
Acq: 03 Dec 2019 21:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	92.3	20.6	30.8#
277	130.8	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: 21.02 min Scan# 3219

Delta R.T. -0.03 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampleId :

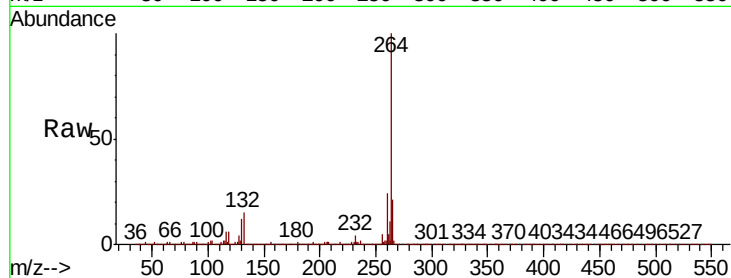
Tot Ion:264 Resp: 356820

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

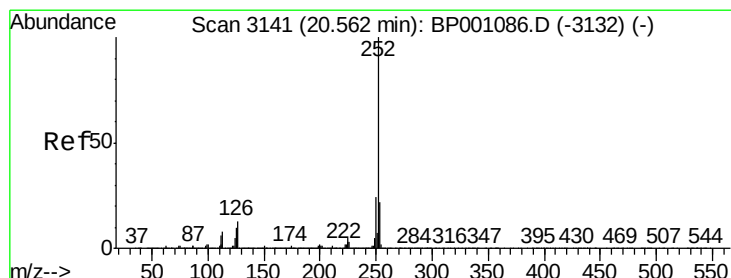
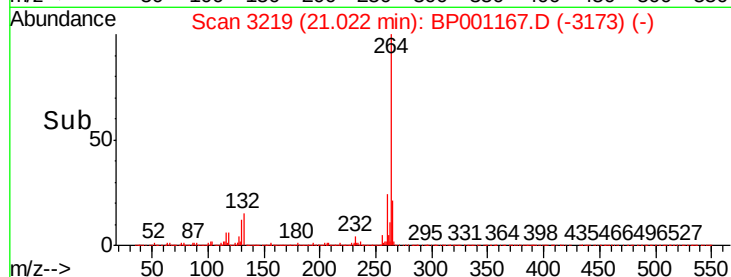
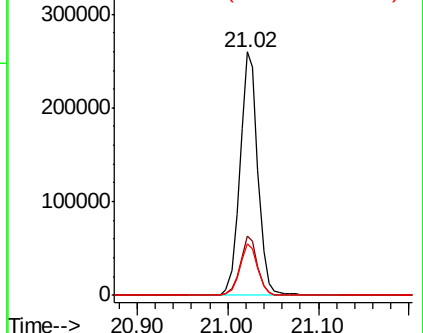
265 21.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 20.53 min Scan# 3136

Delta R.T. -0.03 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

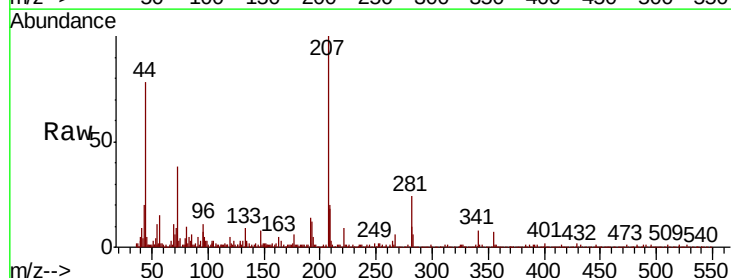
Tgt Ion:252 Resp: 21

Ion Ratio Lower Upper

252 100

253 100.0 17.4 26.0#

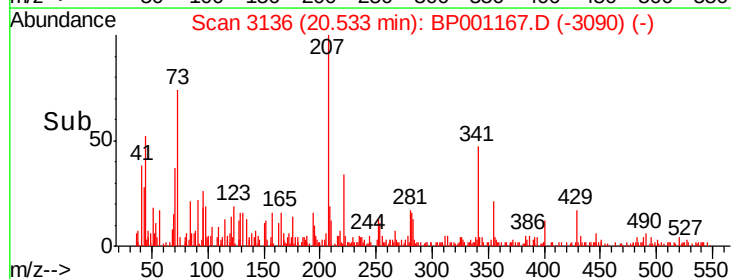
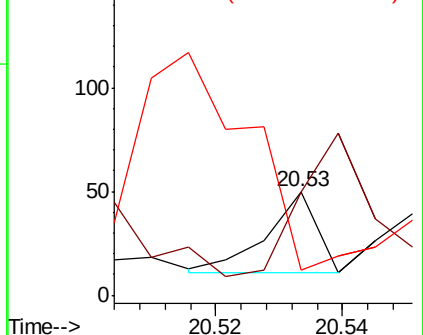
125 24.0 8.1 12.1#

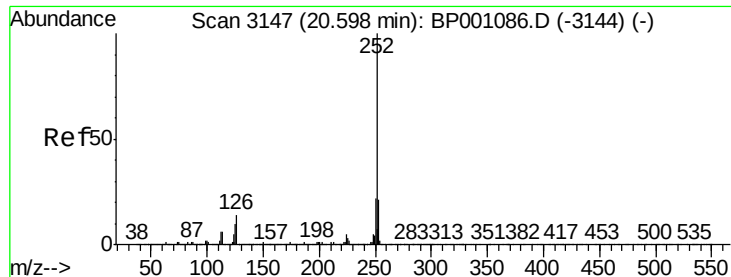


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 20.56 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Instrument :

BNA_P

ClientSampled :

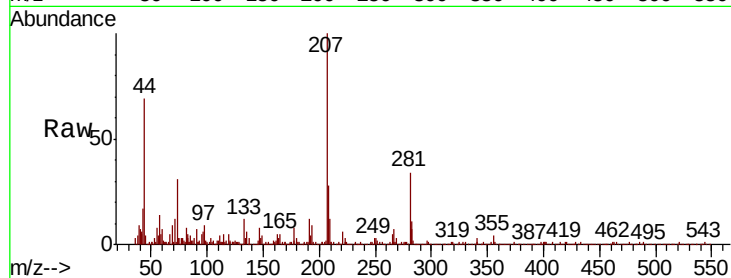
Tot Ion:252 Resp: 122

Ion Ratio Lower Upper

252 100

253 14.7 17.1 25.7#

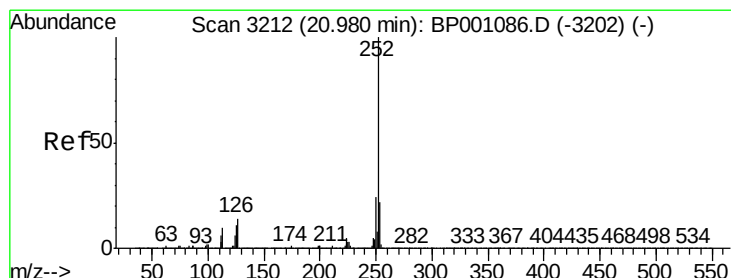
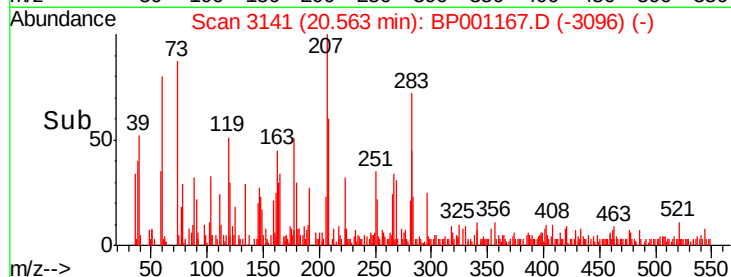
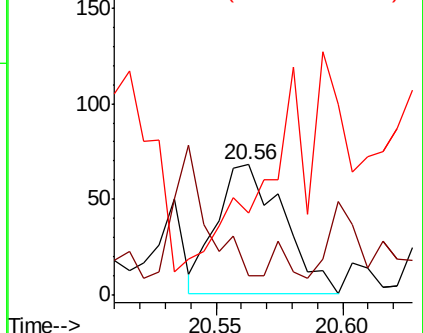
125 63.2 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 20.97 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

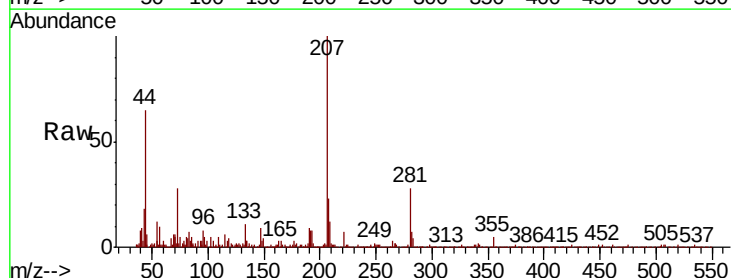
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 58.3 17.4 26.0#

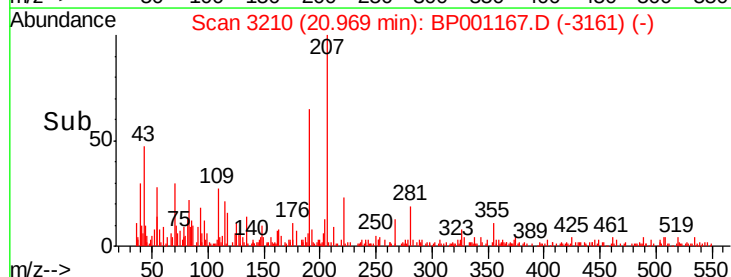
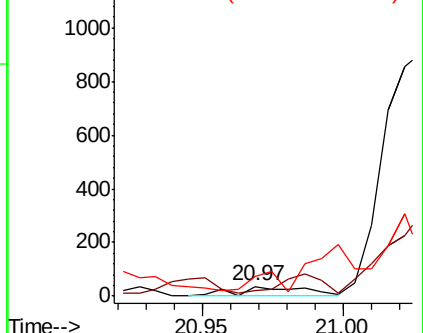
125 200.0 8.7 13.1#

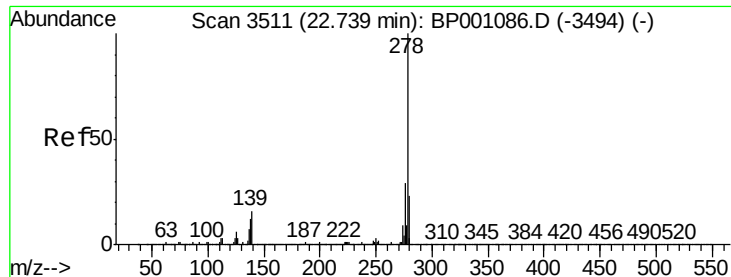


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 22.74 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

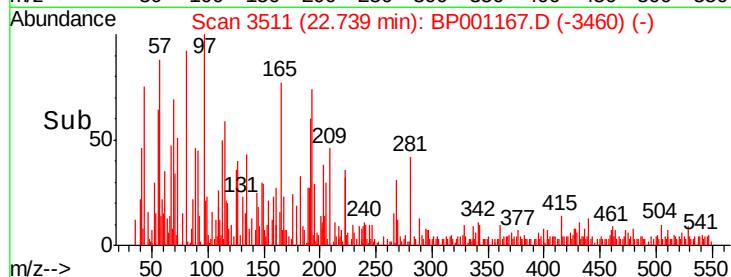
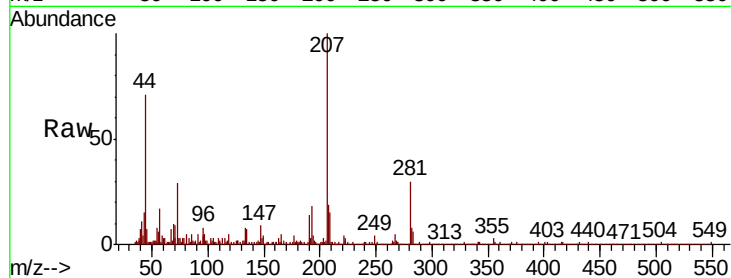
Instrument :

BNA_P

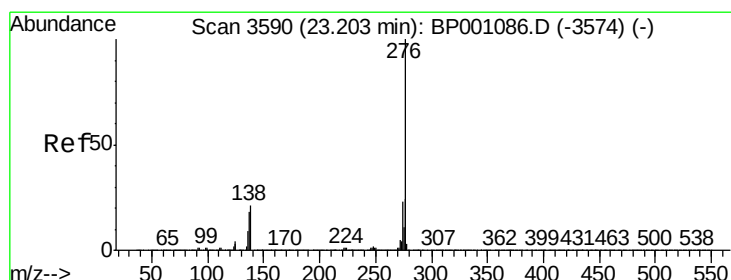
ClientSampleId :

Tot Ion:278 Resp: 6

Ion	Ratio	Lower	Upper
278	100		
139	153.3	13.0	19.4#
279	73.3	18.7	28.1#



Time-->



#92

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 23.16 min Scan# 3583

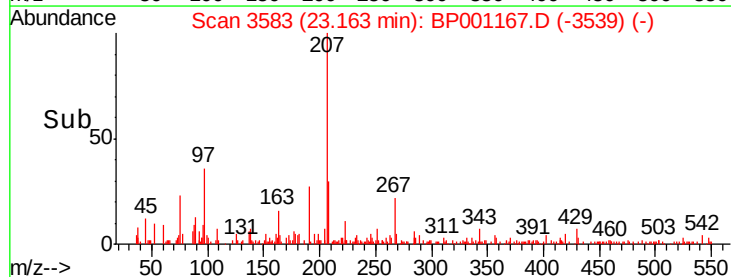
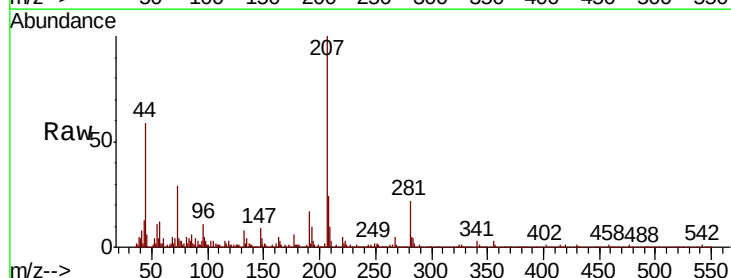
Delta R.T. -0.04 min

Lab File: BP001167.D

Acq: 03 Dec 2019 21:08

Tgt Ion:276 Resp: 12

Ion	Ratio	Lower	Upper
276	100		
277	73.3	19.2	28.8#
138	346.7	17.2	25.8#



Time-->