

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001170.D
 Acq On : 03 Dec 2019 22:37
 Operator : JU
 Sample : K6027-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:48:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	112804	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	355164	20.00	ng	0.02
39) Acenaphthene-d10	13.21	164	221778	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	425018	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	347455	20.00	ng	-0.02
87) Perylene-d12	21.03	264	365813	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.22	112	555406	81.69	ng	0.00
7) Phenol-d6	7.76	99	471781	52.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	738485	90.21	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	277526	130.55	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1170541	77.25	ng	-0.02
79) Terphenyl-d14	17.90	244	1457323	77.60	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	62	0.020	ng	# 22
3) Pyridine	3.40	79	673	0.076	ng	# 47
4) n-Nitrosodimethylamine	3.27	42	3168	0.831	ng	# 1
6) Aniline	7.75	93	928	0.077	ng	# 1
8) 2-Chlorophenol	7.98	128	419	0.060	ng	# 1
9) Benzaldehyde	7.65	77	120757	19.193	ng	# 1
10) Phenol	7.78	94	17763	1.724	ng	# 84
11) bis(2-Chloroethyl)ether	7.95	93	2010	0.251	ng	# 1
12) 1,3-Dichlorobenzene	8.22	146	13	0.002	ng	# 1
13) 1,4-Dichlorobenzene	8.35	146	25	0.003	ng	# 1
14) 1,2-Dichlorobenzene	8.56	146	157	0.020	ng	# 1
15) Benzyl Alcohol	8.56	79	15418	2.074	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	8.79	45	708	0.055	ng	# 1
17) 2-Methylphenol	8.73	107	2169	0.336	ng	# 1
18) Hexachloroethane	9.17	117	255521	73.539	ng	# 21
19) n-Nitroso-di-n-propylamine	9.20	70	104544	15.995	ng	# 86
20) 3+4-Methylphenols	8.99	107	1285	0.158	ng	# 28
22) Acetophenone	8.96	105	181190	17.357	ng	# 56
24) Nitrobenzene	9.23	77	126697	15.564	ng	# 1
25) Isophorone	9.63	82	417	0.028	ng	# 44
26) 2-Nitrophenol	9.78	139	106	0.036	ng	# 1
27) 2,4-Dimethylphenol	9.85	122	1002	0.212	ng	# 37
28) bis(2-Chloroethoxy)methane	10.03	93	933	0.101	ng	# 61
29) 2,4-Dichlorophenol	10.17	162	110	0.020	ng	# 1
30) 1,2,4-Trichlorobenzene	10.32	180	14	0.002	ng	# 1
31) Naphthalene	10.46	128	29115022	1605.098	ng	# 92
32) Benzoic acid	10.03	122	6877	2.014	ng	# 1
33) 4-Chloroaniline	10.46	127	4540985	576.889	ng	# 32
34) Hexachlorobutadiene	10.53	225	8	0.002	ng	# 95
35) Caprolactam	11.09	113	1658	0.895	ng	# 5
36) 4-Chloro-3-methylphenol	11.29	107	1305	0.205	ng	# 1
37) 2-Methylnaphthalene	11.54	142	4214965	340.539	ng	# 98
38) 1-Methylnaphthalene	11.70	142	4350613	372.097	ng	# 100
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	22	0.003	ng	# 56

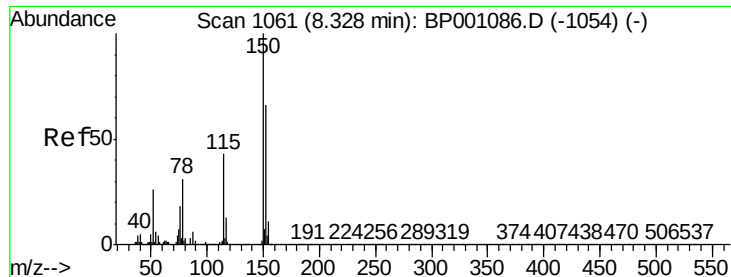
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	11	0.003	nq	74
43) 2,4,6-Trichlorophenol	11.97	196	14	0.003	nq	# 65
44) 2,4,5-Trichlorophenol	12.02	196	7	0.001	nq	# 1
46) 1,1'-Biphenyl	12.29	154	598698	34.930	nq	99
47) 2-Chloronaphthalene	12.29	162	1699	0.124	nq	# 1
48) 2-Nitroaniline	12.44	65	11560	2.154	nq	# 31
49) Acenaphthylene	12.98	152	49517	2.413	nq	# 26
50) Dimethylphthalate	12.80	163	54623	3.293	nq	98
51) 2,6-Dinitrotoluene	12.80	165	761	0.214	nq	# 1
52) Acenaphthene	13.27	154	1013696	82.116	nq	99
53) 3-Nitroaniline	13.17	138	237	0.059	nq	# 39
54) 2,4-Dinitrophenol	13.32	184	106	7.176	nq	# 1
55) Dibenzofuran	13.55	168	23054	1.243	nq	93
56) 4-Nitrophenol	13.40	139	6820	2.413	nq	# 26
57) 2,4-Dinitrotoluene	13.54	165	3695	0.830	nq	# 71
58) Fluorene	14.11	166	380696	25.611	nq	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	22	0.006	nq	# 1
60) Diethylphthalate	13.96	149	2110	0.123	nq	# 1
61) 4-Chlorophenyl-phenylether	14.12	204	142	0.019	nq	# 1
62) 4-Nitroaniline	12.44	138	2600	0.562	nq	# 55
63) Azobenzene	14.37	77	421	0.023	nq	# 1
65) 4,6-Dinitro-2-methylphenol	14.19	198	86	6.317	nq	# 1
66) n-Nitrosodiphenylamine	14.33	169	5938	0.460	nq	# 1
67) 4-Bromophenyl-phenylether	14.93	248	22	0.005	nq	# 1
68) Hexachlorobenzene	15.01	284	40	0.008	nq	# 1
69) Atrazine	15.24	200	189	0.048	nq	# 1
70) Pentachlorophenol	15.32	266	148	0.056	nq	# 44
71) Phenanthrene	15.65	178	860411	38.506	nq	100
72) Anthracene	15.72	178	174046	7.903	nq	99
73) Carbazole	15.96	167	34406	1.717	nq	99
74) Di-n-butylphthalate	16.52	149	2205	0.082	nq	# 1
75) Fluoranthene	17.35	202	56842	2.403	nq	97
77) Benzidine	17.53	184	231	0.026	nq	# 1
78) Pyrene	17.66	202	110962	4.055	nq	99
80) Butylbenzylphthalate	18.53	149	149	0.012	nq	# 1
81) Benzo(a)anthracene	19.23	228	8604	0.357	nq	# 76
82) 3,3'-Dichlorobenzidine	19.22	252	114	0.014	nq	# 1
83) Chrysene	19.28	228	5766	0.267	nq	# 90
84) Bis(2-ethylhexyl)phthalate	19.29	149	1656	0.095	nq	# 75
85) Di-n-octyl phthalate	20.06	149	177	0.006	nq	# 51
86) Indeno(1,2,3-cd)pyrene	22.65	276	2584	0.102	nq	# 78
88) Benzo(b)fluoranthene	20.53	252	3206	0.143	nq	# 84
89) Benzo(k)fluoranthene	20.53	252	3206	0.149	nq	# 83
90) Benzo(a)pyrene	20.94	252	5216	0.253	nq	# 96
91) Dibenzo(a,h)anthracene	22.73	278	39	0.002	nq	# 48
92) Benzo(g,h,i)perylene	23.40	276	1052	0.053	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

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BNA_P

ClientSampleId :

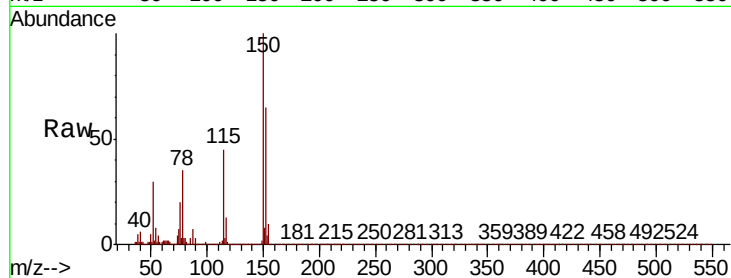
Tot Ion:152 Resp: 112804

Ion Ratio Lower Upper

152 100

150 154.4 120.6 181.0

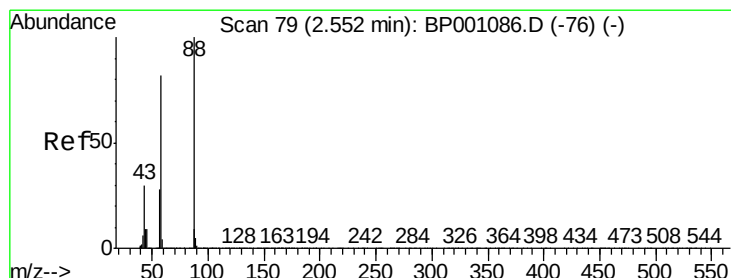
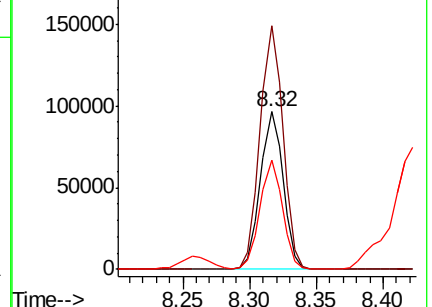
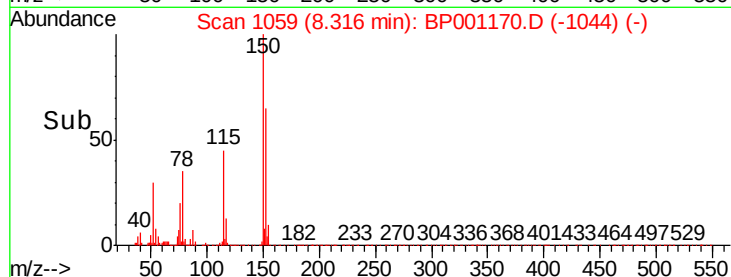
115 69.1 51.6 77.4



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: 0.020 ng

RT: 2.57 min Scan# 82

Delta R.T. 0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

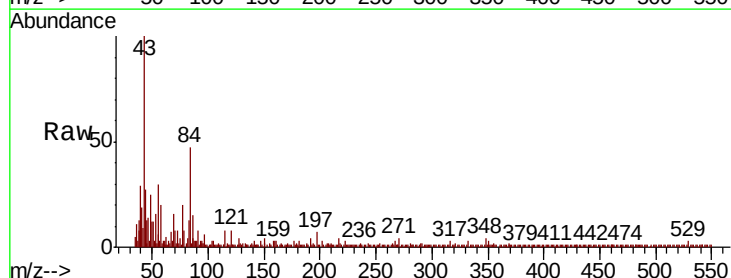
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

58 156.5 64.3 96.5#

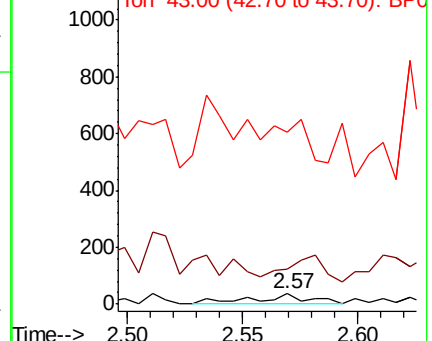
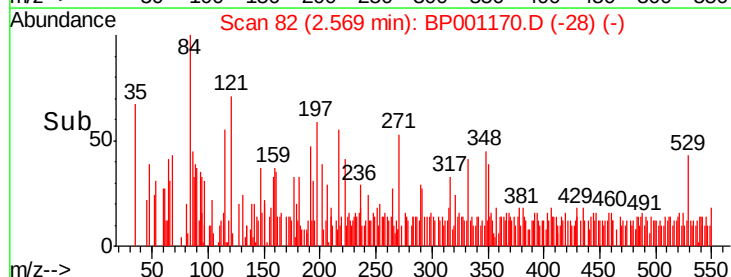
43 0.0 23.8 35.6#

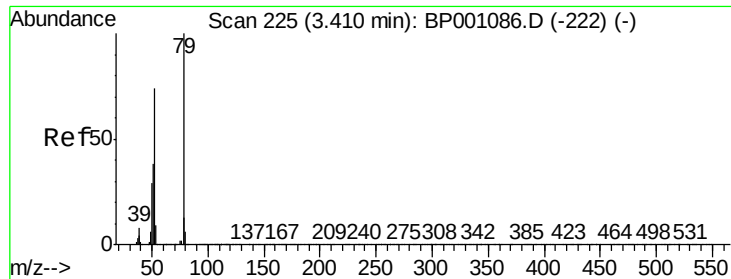


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 0.076 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampled :

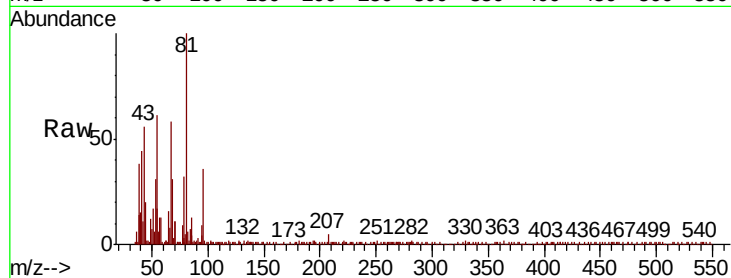
Tot Ion: 79 Resp: 673

Ion Ratio Lower Upper

79 100

52 19.7 59.4 89.2#

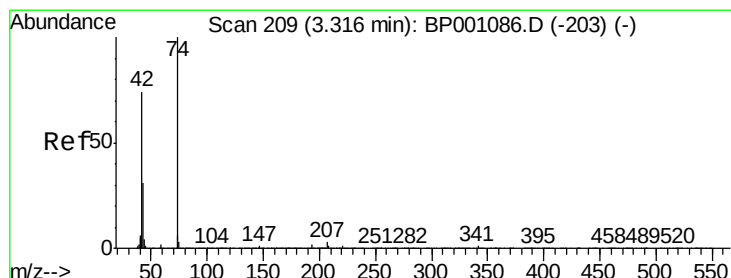
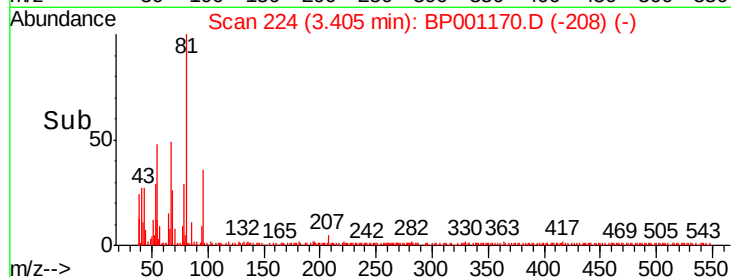
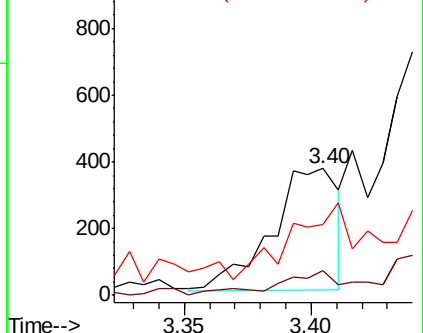
51 55.5 30.2 45.4#



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: 0.831 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.05 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

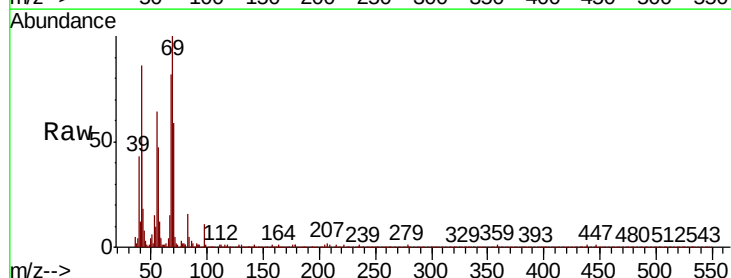
Tgt Ion: 42 Resp: 3168

Ion Ratio Lower Upper

42 100

74 1.2 108.6 163.0#

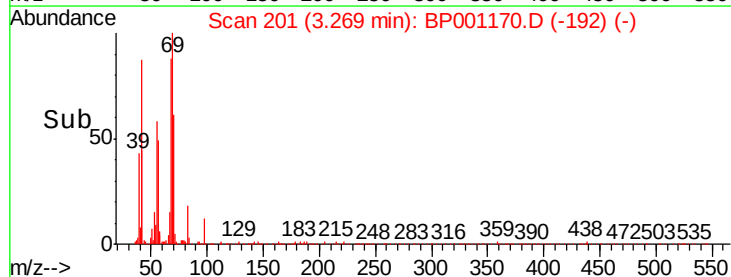
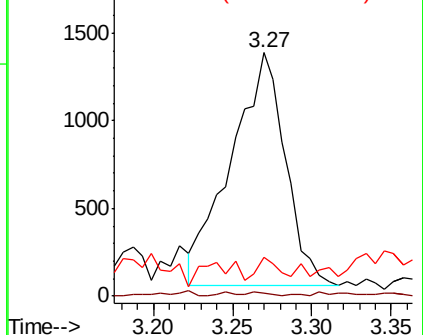
44 15.8 5.1 7.7#

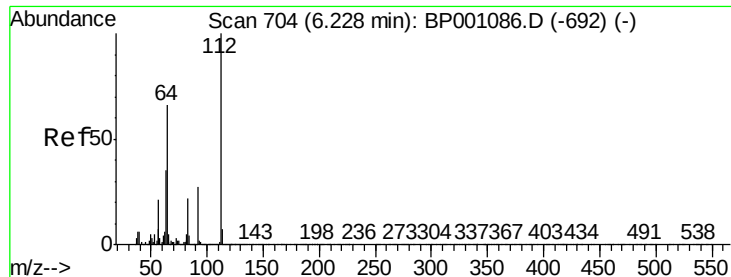


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 81.687 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001170.D

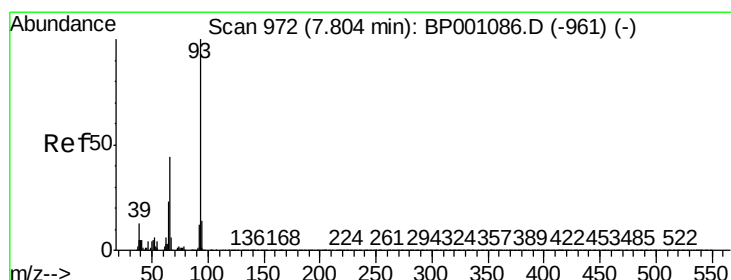
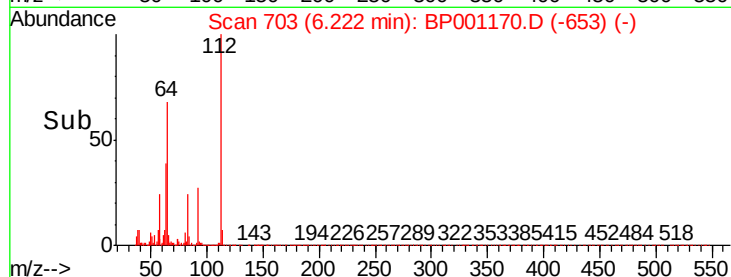
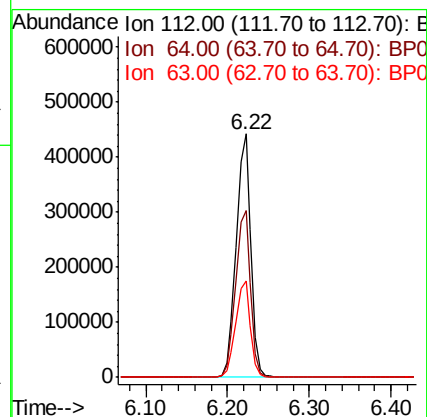
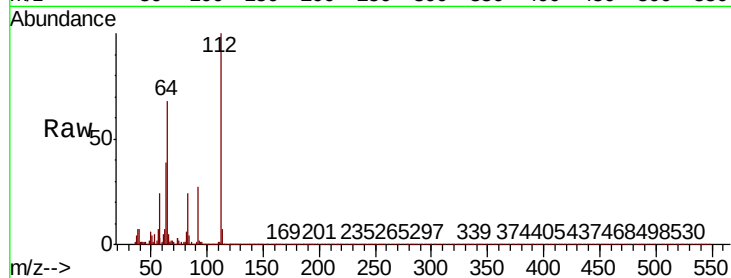
Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	112	Resp:	555406
Ion	Ratio	Lower	Upper
112	100		
64	68.3	52.8	79.2
63	39.4	28.2	42.2



#6

Aniline

Concen: 0.077 ng

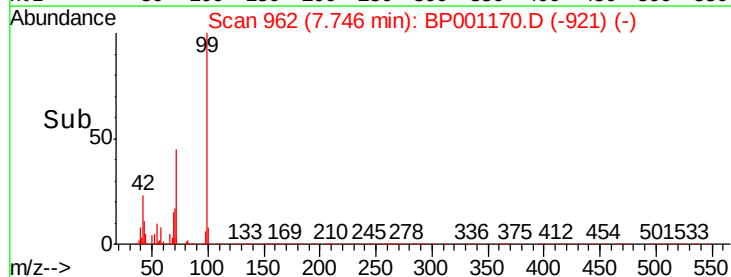
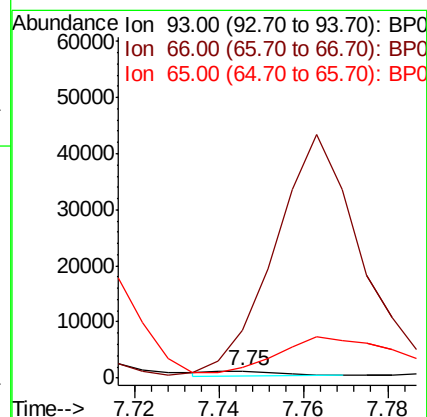
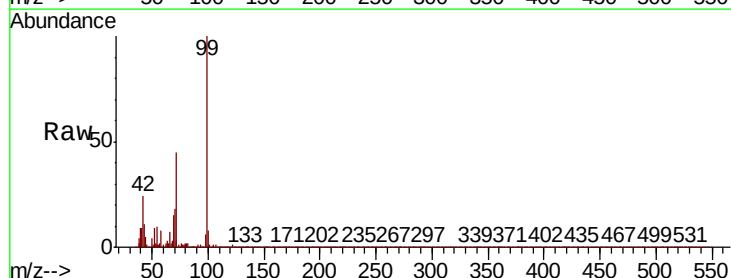
RT: 7.75 min Scan# 962

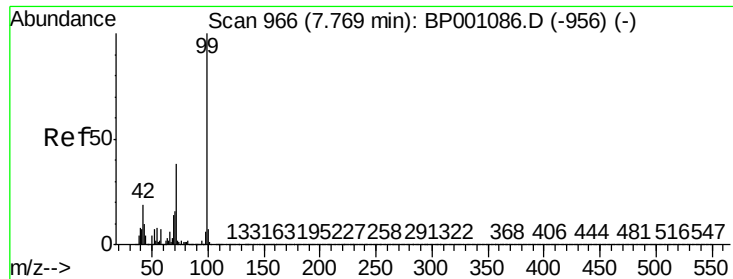
Delta R.T. -0.06 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Tgt Ion:	93	Resp:	928
Ion	Ratio	Lower	Upper
93	100		
66	651.0	34.9	52.3#
65	146.9	18.5	27.7#





#7

Phenol-d6

Concen: 52.083 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampled :

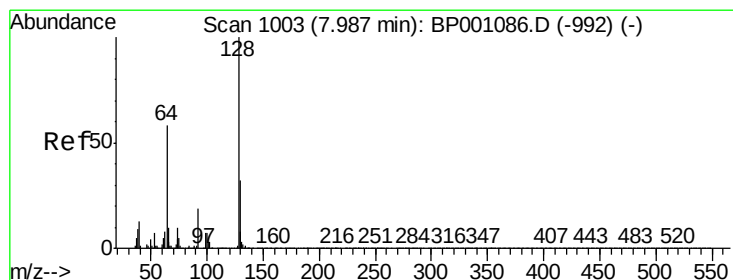
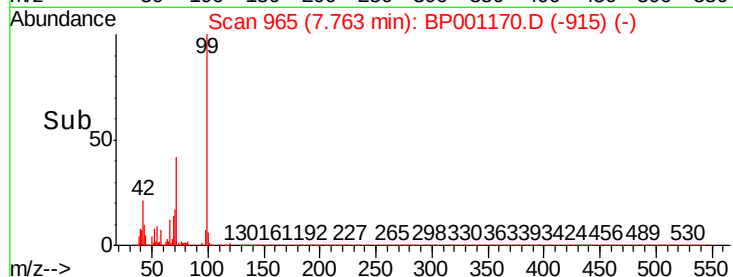
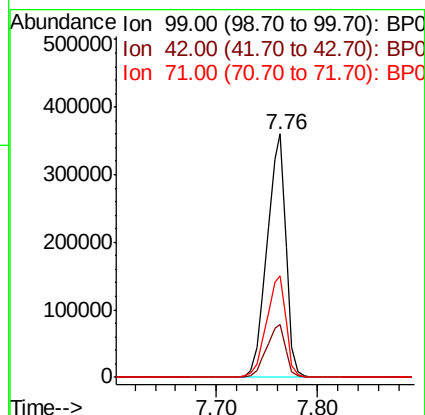
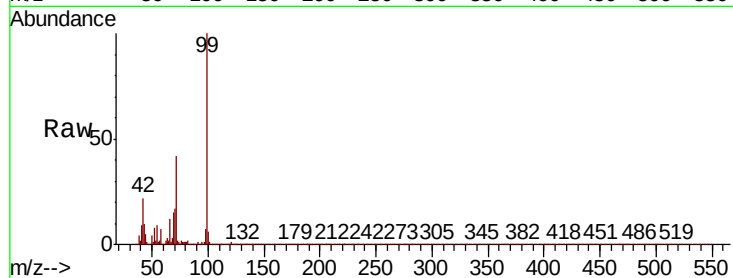
Tot Ion: 99 Resp: 471781

Ion Ratio Lower Upper

99 100

42 21.5 15.4 23.0

71 41.6 30.8 46.2



#8

2-Chlorophenol

Concen: 0.060 ng

RT: 7.98 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

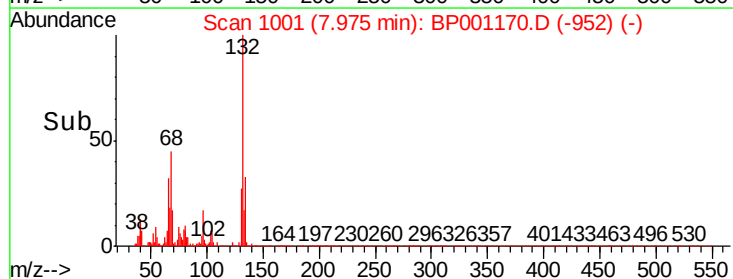
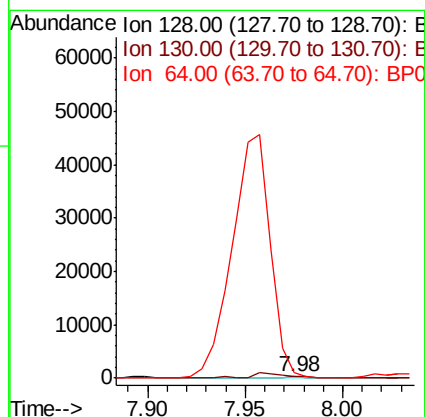
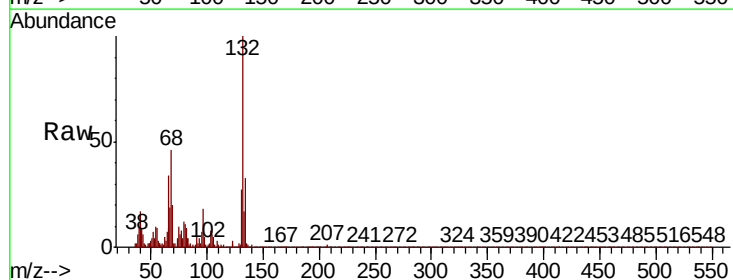
Tgt Ion: 128 Resp: 419

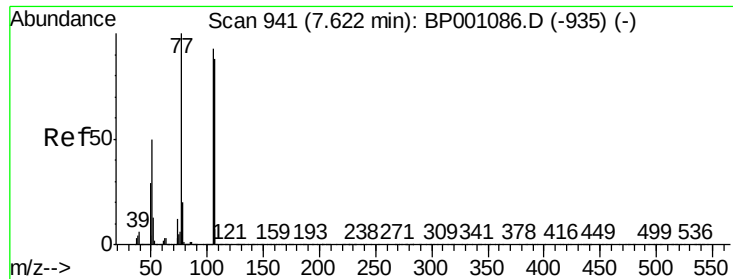
Ion Ratio Lower Upper

128 100

130 133.1 11.7 51.7#

64 401.6 39.7 79.7#





#9

Benzaldehyde

Concen: 19.193 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

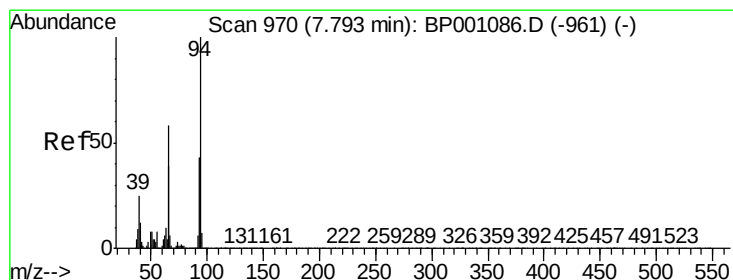
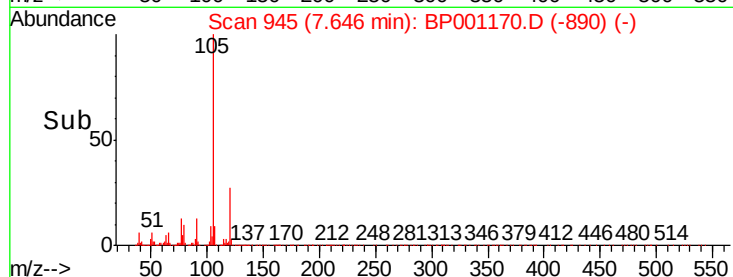
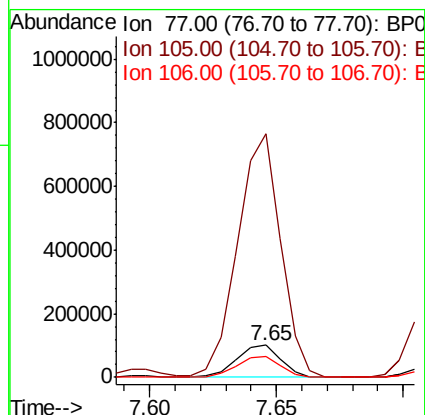
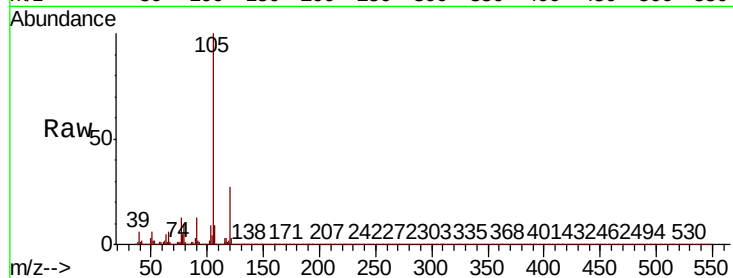
Tot Ion: 77 Resp: 120757

Ion Ratio Lower Upper

77 100

105 758.3 72.5 112.5#

106 65.9 67.6 107.6#



#10

Phenol

Concen: 1.724 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

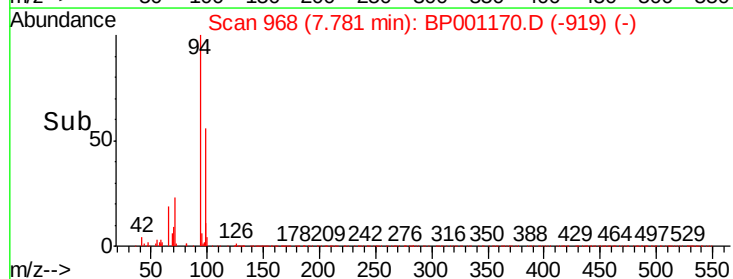
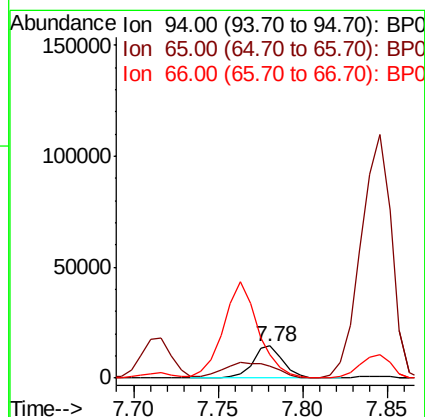
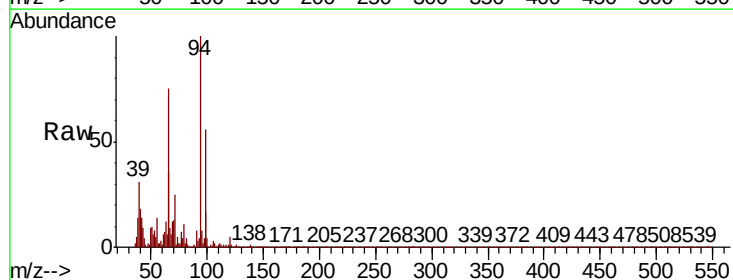
Tgt Ion: 94 Resp: 17763

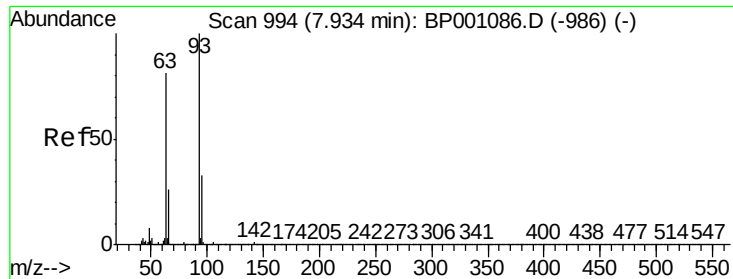
Ion Ratio Lower Upper

94 100

65 35.8 18.6 58.6

66 74.9 37.6 77.6

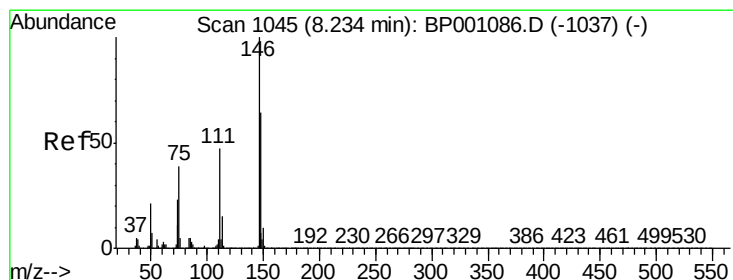
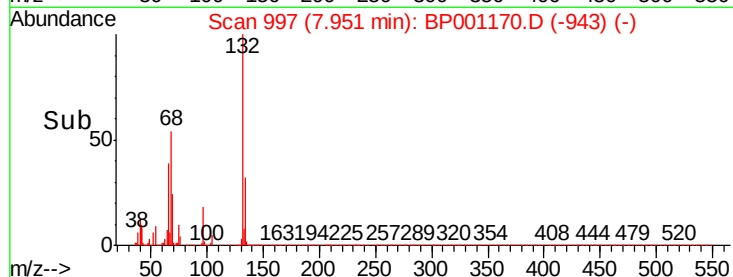
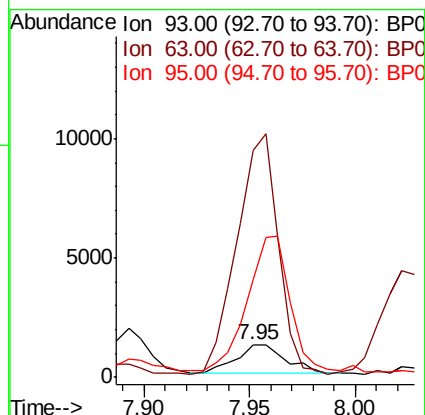
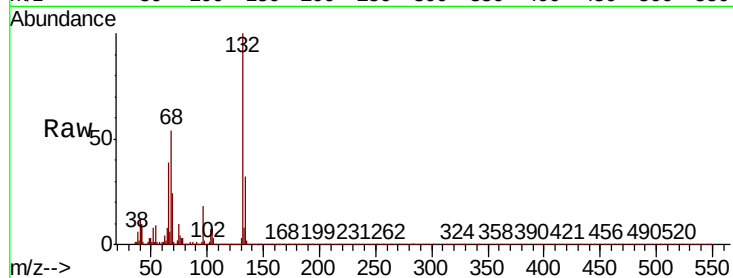




#11
 bis(2-Chloroethyl)ether
 Concen: 0.251 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.02 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

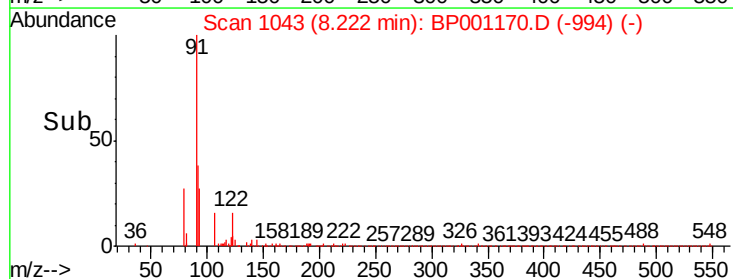
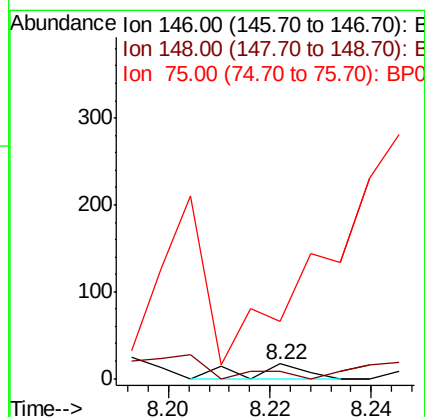
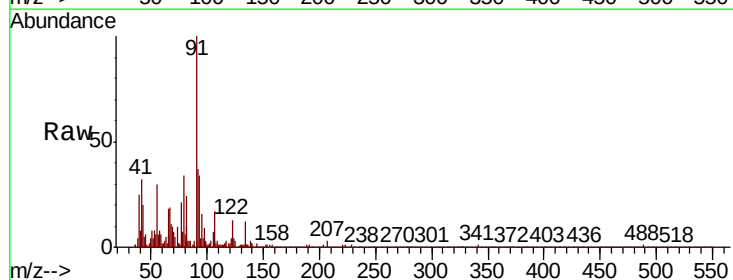
Instrument :
 BNA_P
 ClientSampleId :

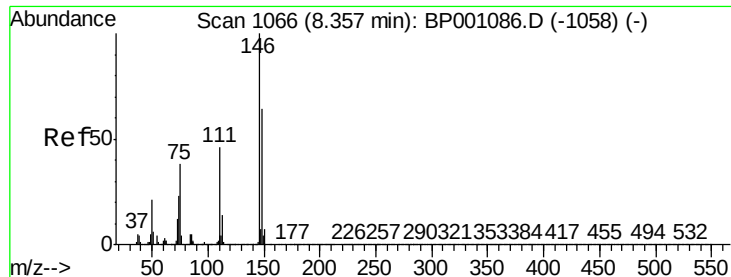
Tot Ion: 93 Resp: 2010
 Ion Ratio Lower Upper
 93 100
 63 690.1 60.7 100.7#
 95 299.3 12.7 52.7#



#12
 1,3-Dichlorobenzene
 Concen: 0.002 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

Tgt Ion: 146 Resp: 13
 Ion Ratio Lower Upper
 146 100
 148 52.9 51.1 76.7
 75 388.2 31.3 46.9#

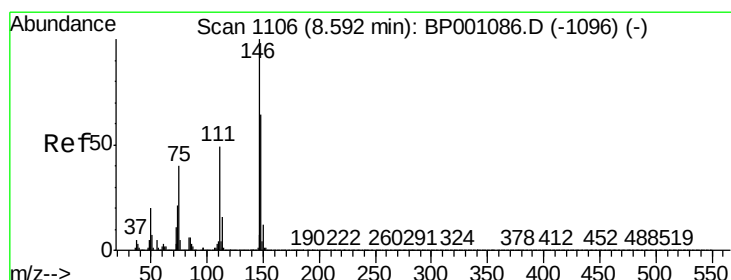
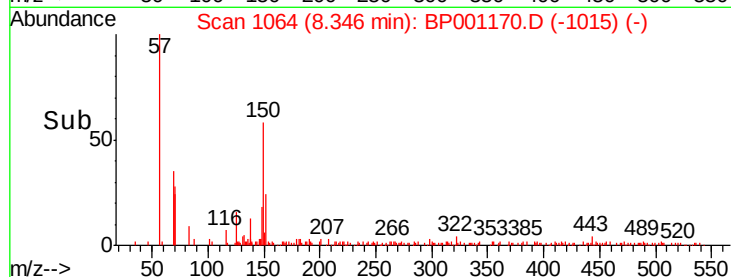
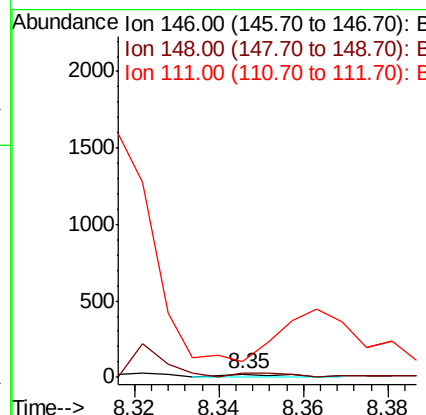
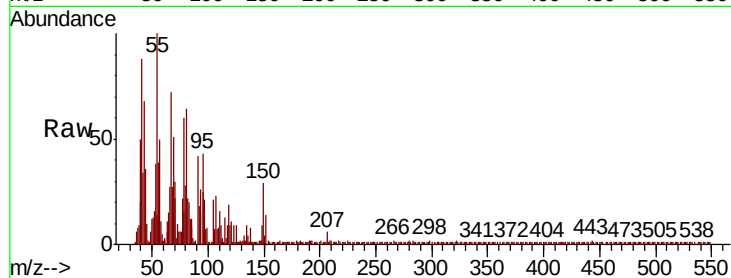




#13
 1,4-Dichlorobenzene
 Concen: 0.003 ng
 RT: 8.35 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

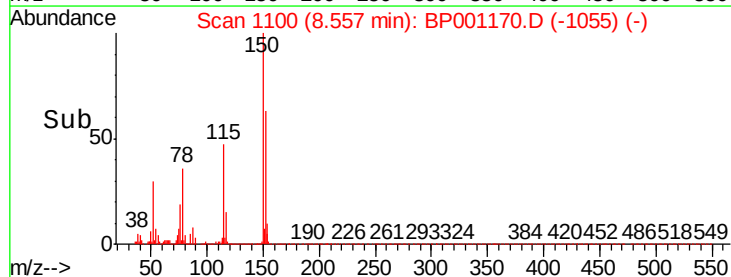
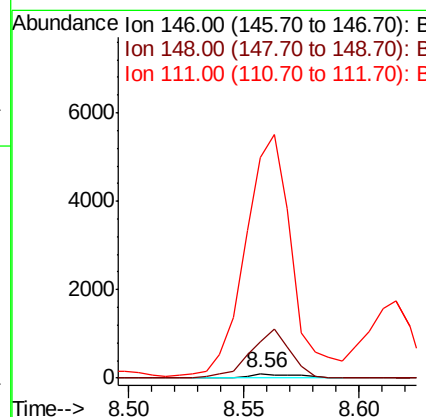
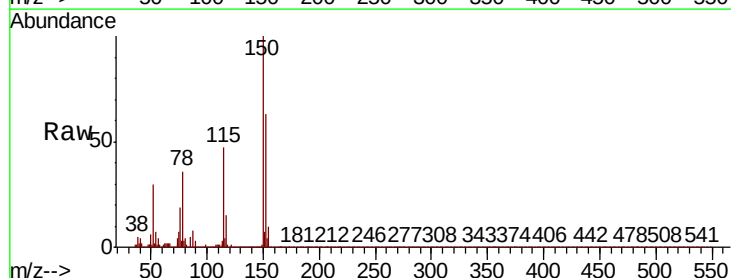
Instrument :
 BNA_P
 ClientSampleId :

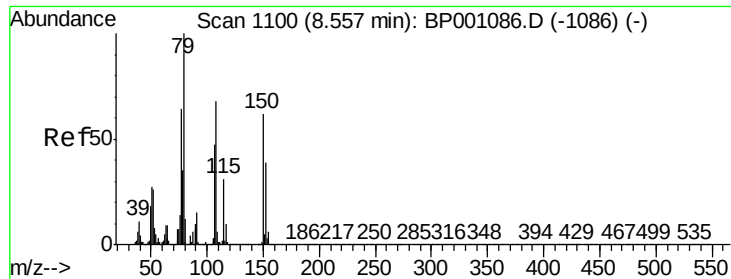
Tot Ion:146 Resp: 25
 Ion Ratio Lower Upper
 146 100
 148 586.4 51.6 77.4#
 111 459.1 37.0 55.6#



#14
 1,2-Dichlorobenzene
 Concen: 0.020 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.04 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

Tgt Ion:146 Resp: 157
 Ion Ratio Lower Upper
 146 100
 148 804.9 51.5 77.3#
 111 4841.7 39.3 58.9#

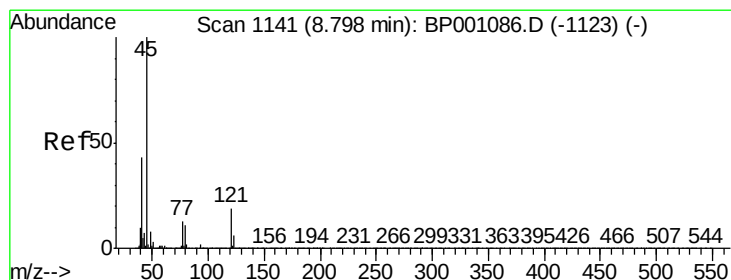
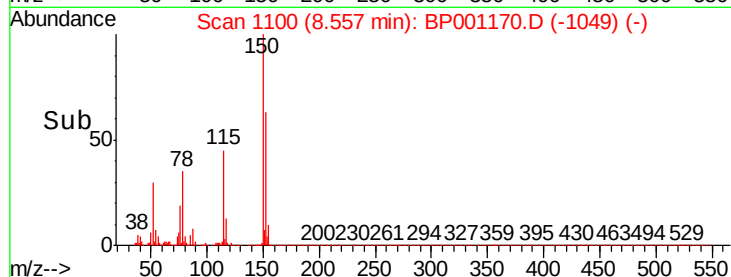
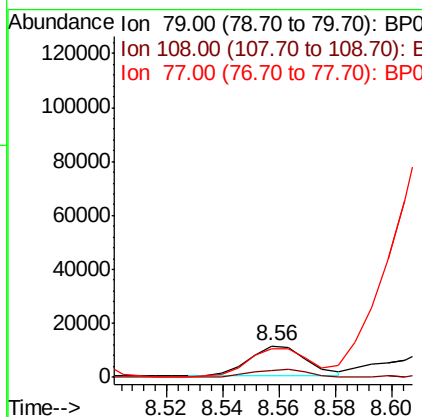
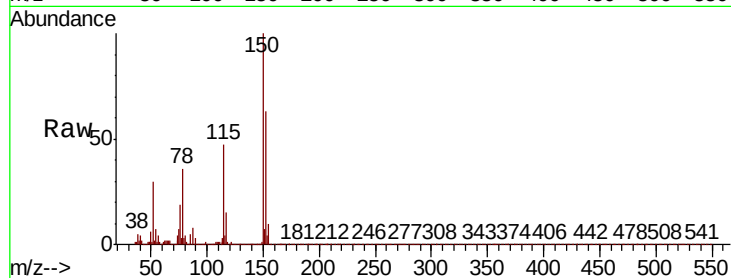




#15
Benzyl Alcohol
Concen: 2.074 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

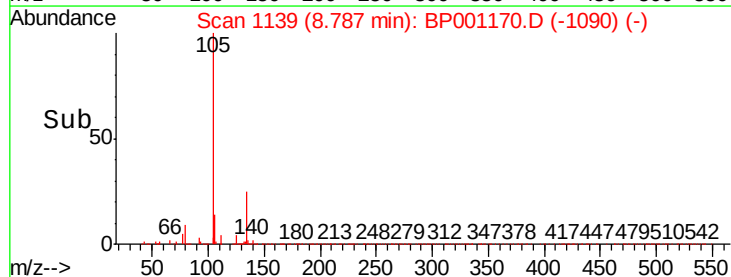
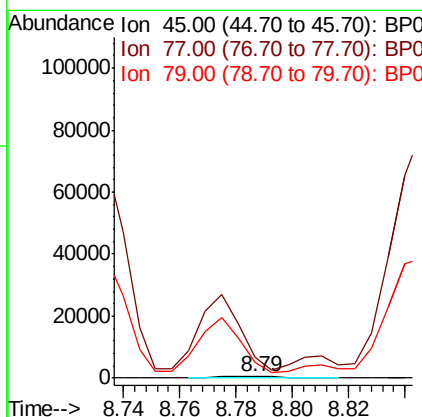
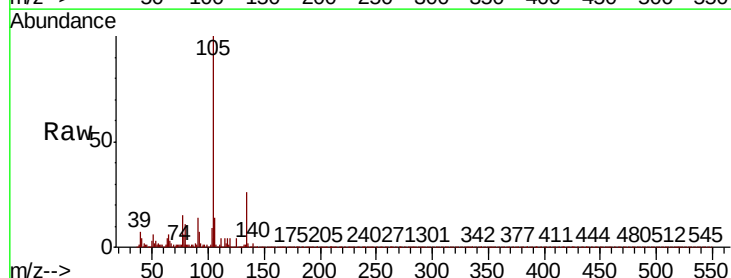
Instrument :
BNA_P
ClientSampleId :

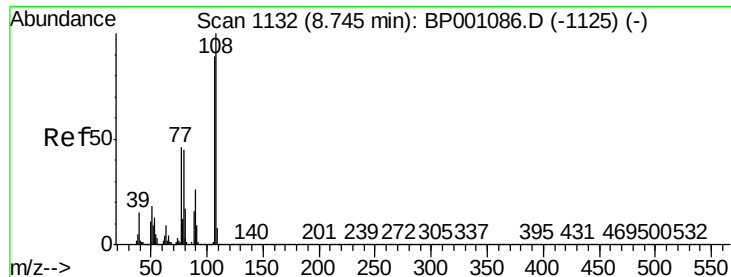
Tot Ion: 79 Resp: 15418
Ion Ratio Lower Upper
79 100
108 23.7 54.8 82.2#
77 91.3 51.4 77.2#



#16
2,2'-oxybis(1-chloropropane)
Concen: 0.055 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion: 45 Resp: 708
Ion Ratio Lower Upper
45 100
77 1475.5 0.0 33.3#
79 1125.2 0.0 30.9#

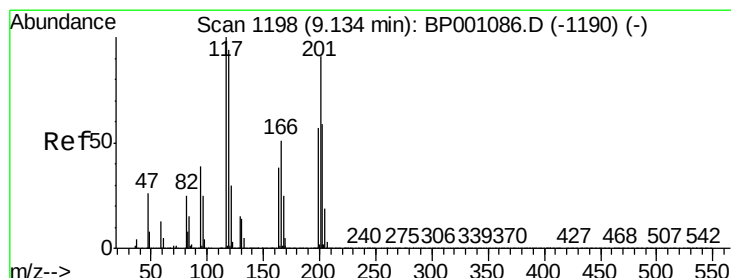
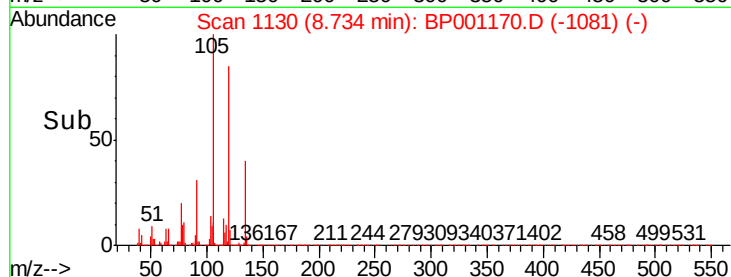
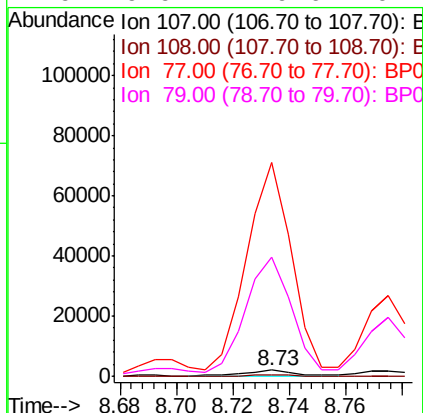
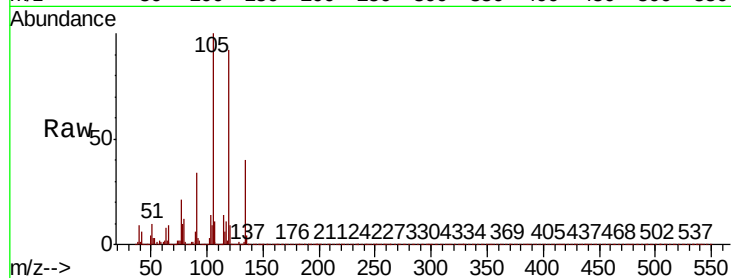




#17
2-Methylphenol
Concen: 0.336 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

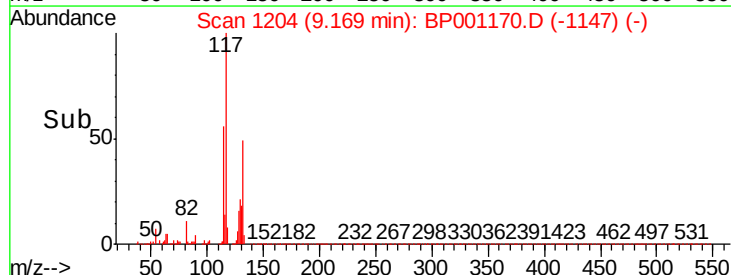
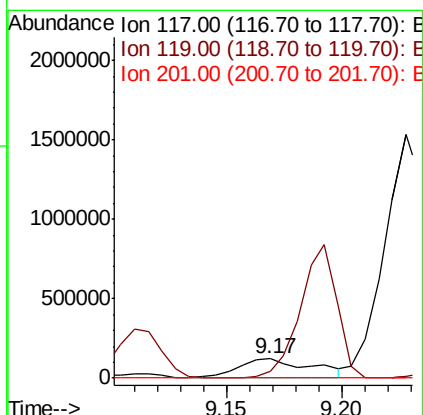
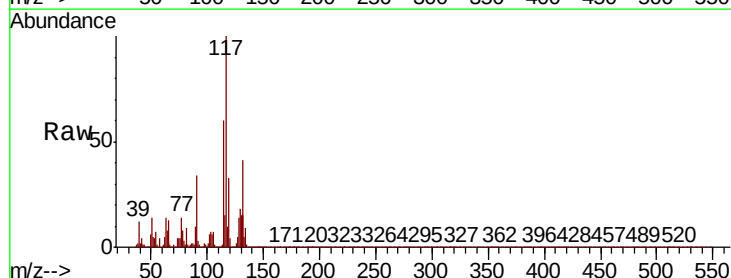
Instrument :
BNA_P
ClientSampleId :

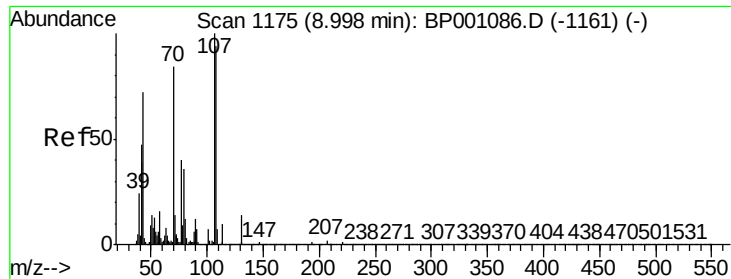
Tot Ion	Ratio	Lower	Upper
107	100		
108	25.3	89.8	134.6#
77	3539.6	41.4	62.2#
79	1979.1	40.6	61.0#



#18
Hexachloroethane
Concen: 73.539 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	32.9	75.2	112.8#
201	0.0	72.5	108.7#

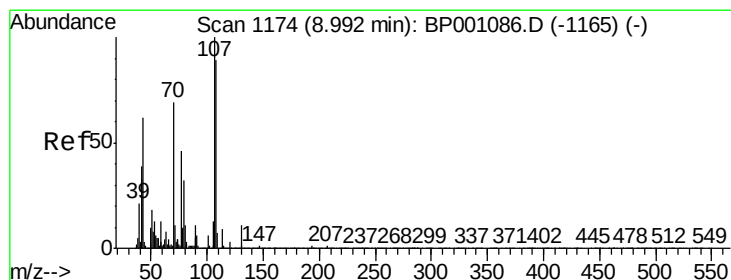
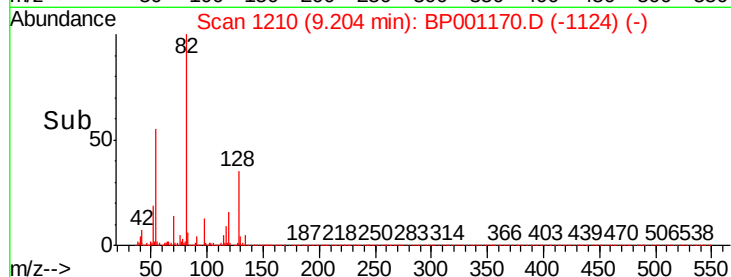
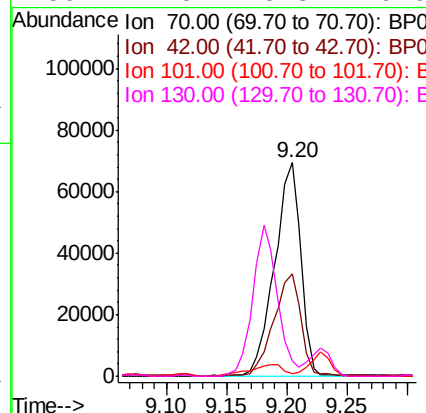
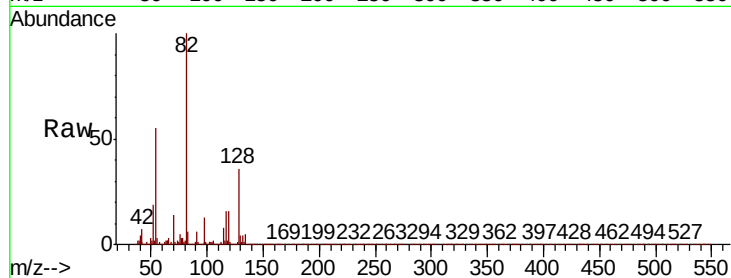




#19
n-Nitroso-di-n-propylamine
Concen: 15.995 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

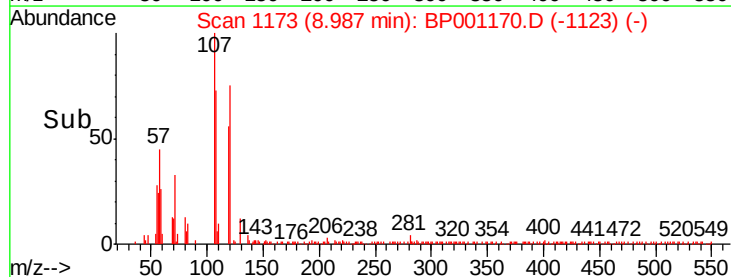
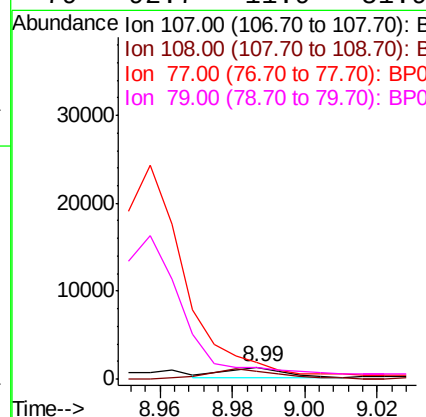
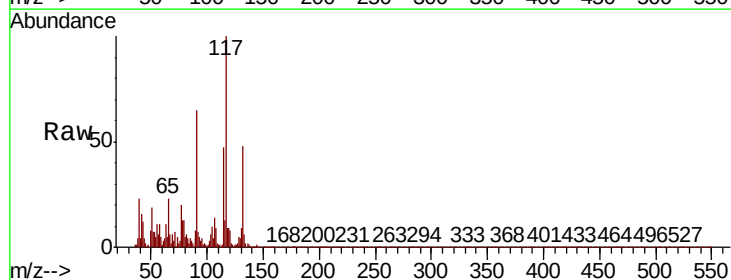
Instrument :
BNA_P
ClientSampleId :

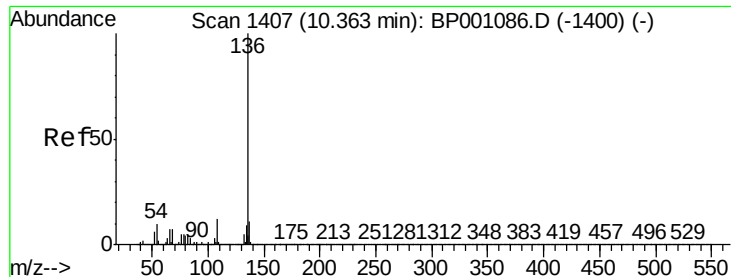
Tot Ion: 70 Resp: 104544
Ion Ratio Lower Upper
70 100
42 47.8 44.6 66.8
101 1.3 7.1 10.7#
130 7.3 13.8 20.6#



#20
3+4-Methylphenols
Concen: 0.158 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion: 107 Resp: 1285
Ion Ratio Lower Upper
107 100
108 66.1 68.9 108.9#
77 136.2 25.9 65.9#
79 92.7 11.9 51.9#

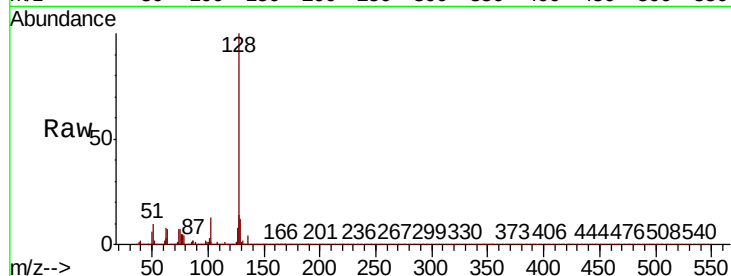




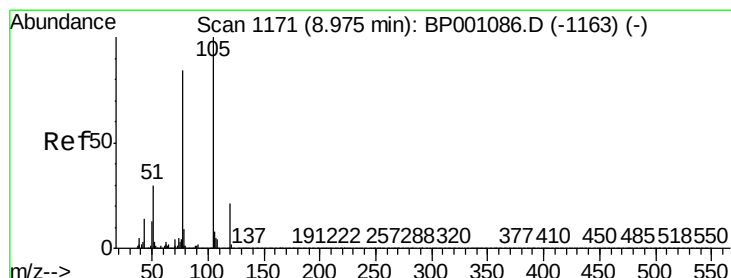
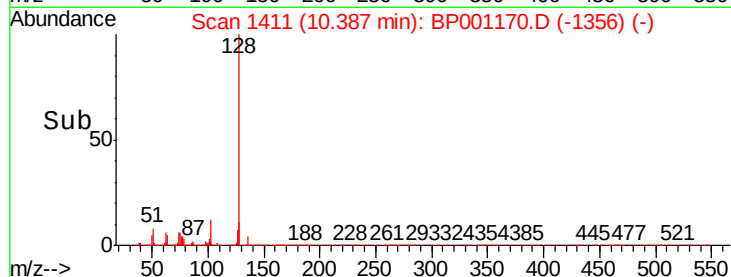
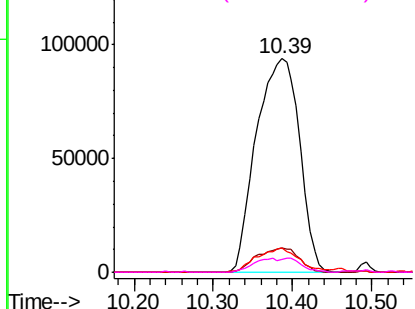
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	355164
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	11.2	7.9 11.9
68	6.2	5.6 8.4

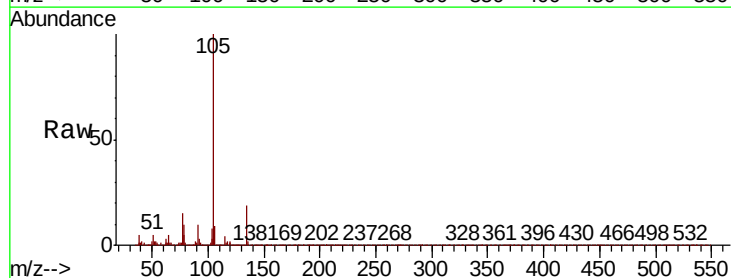


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

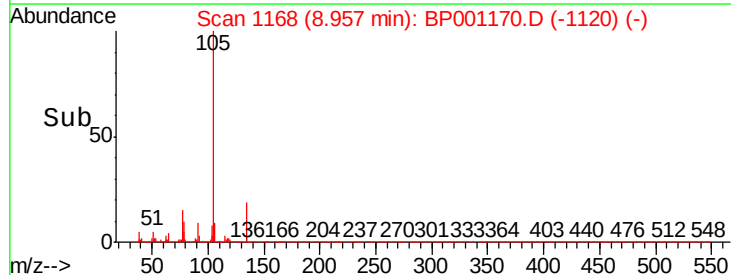
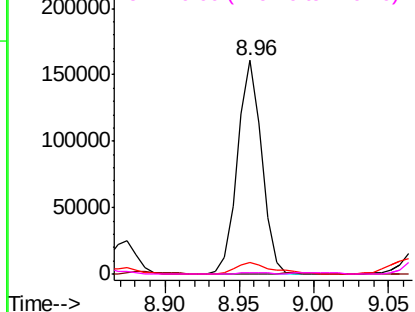


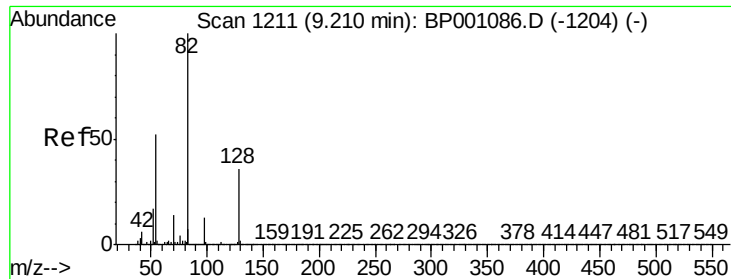
#22
Acetophenone
Concen: 17.357 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:105	Resp:	181190
Ion	Ratio	Lower Upper
105	100	
71	0.1	0.5 0.7#
51	5.4	24.2 36.4#
120	0.6	16.4 24.6#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BP0
Ion 51.00 (50.70 to 51.70): BP0
Ion 120.00 (119.70 to 120.70): E

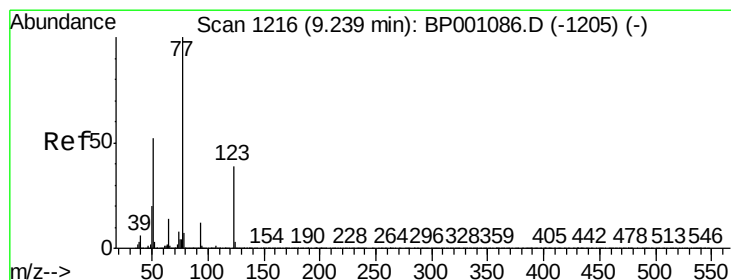
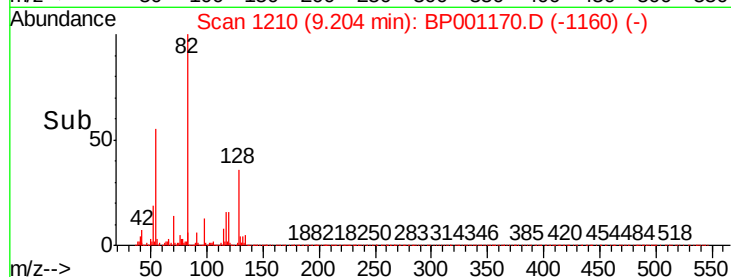
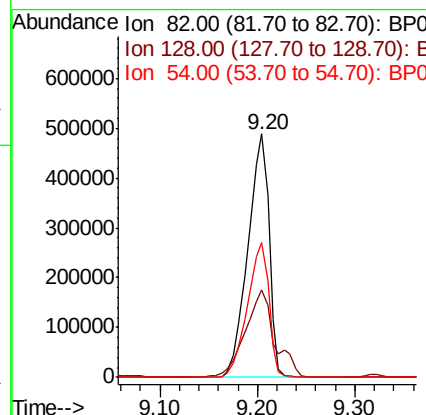
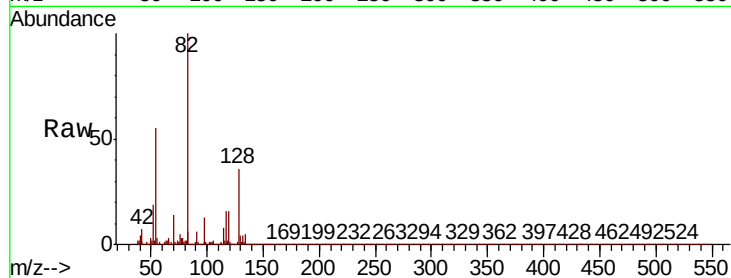




#23
Nitrobenzene-d5
Concen: 90.211 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

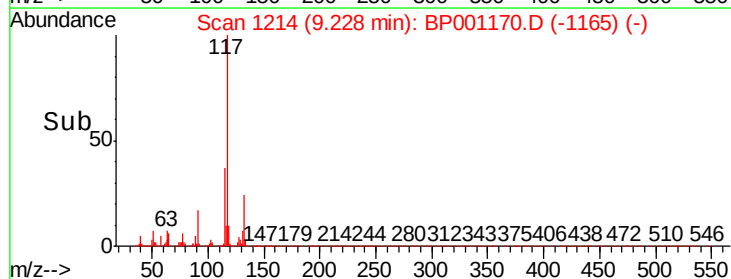
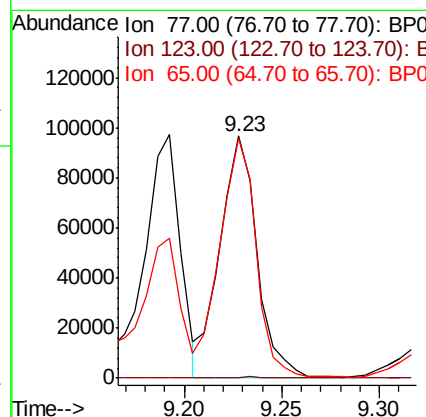
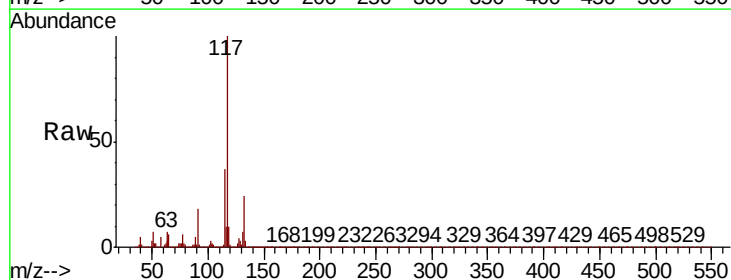
Instrument :
BNA_P
ClientSampleId :

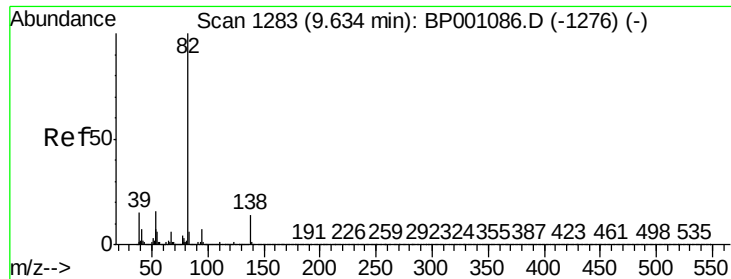
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.9	43.3
54	55.3	41.9	62.9



#24
Nitrobenzene
Concen: 15.564 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.4	31.0	46.4#
65	99.0	11.0	16.6#





#25

Isophorone

Concen: 0.028 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampled :

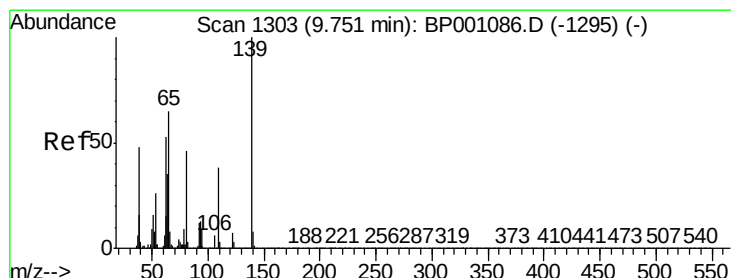
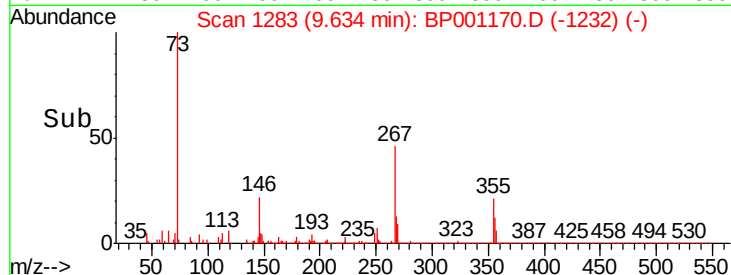
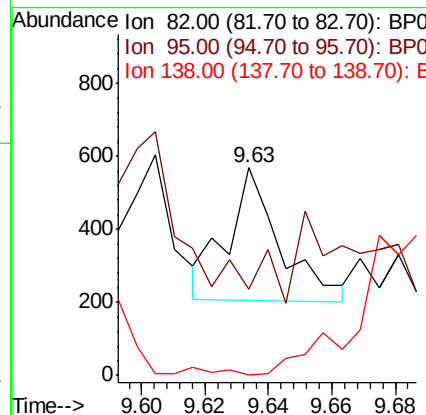
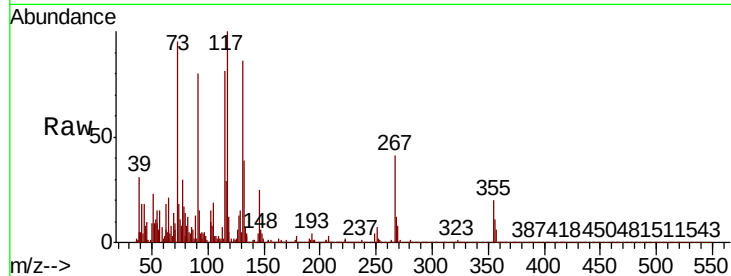
Tot Ion: 82 Resp: 417

Ion Ratio Lower Upper

82 100

95 41.5 5.7 8.5#

138 0.0 11.3 16.9#



#26

2-Nitrophenol

Concen: 0.036 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.03 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

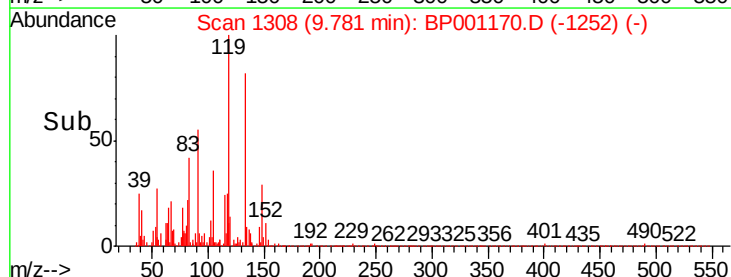
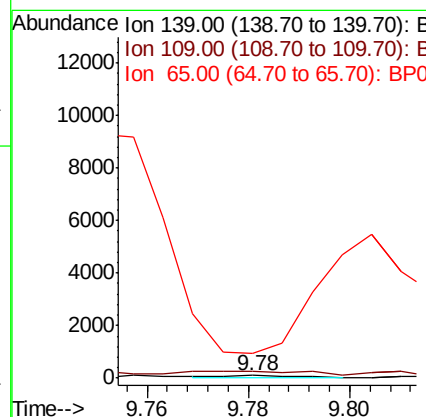
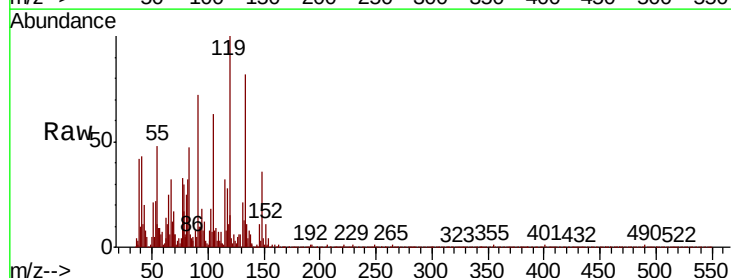
Tgt Ion: 139 Resp: 106

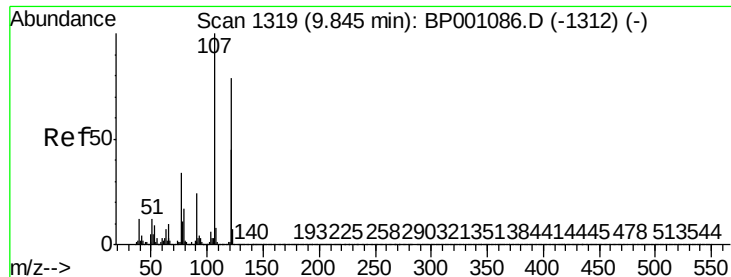
Ion Ratio Lower Upper

139 100

109 233.3 30.6 45.8#

65 908.6 51.8 77.8#





#27

2,4-Dimethylphenol

Concen: 0.212 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

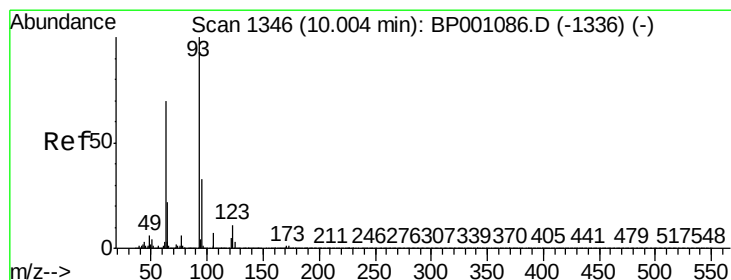
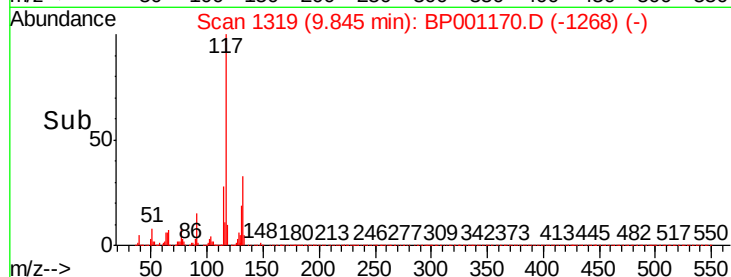
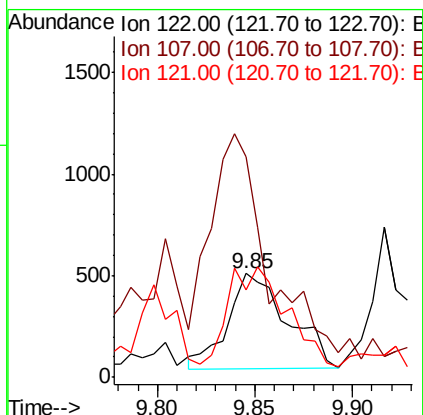
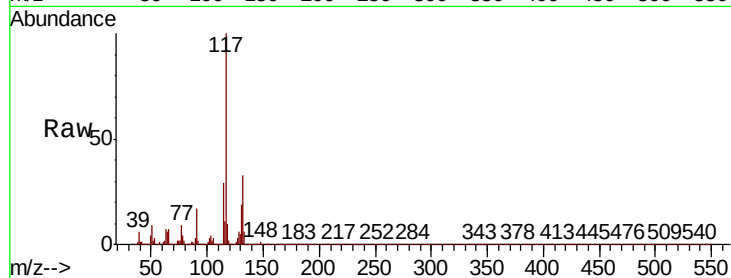
Tot Ion:122 Resp: 1002

Ion Ratio Lower Upper

122 100

107 213.6 101.9 152.9#

121 84.1 46.1 69.1#



#28

bis(2-Chloroethoxy)methane

Concen: 0.101 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.03 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

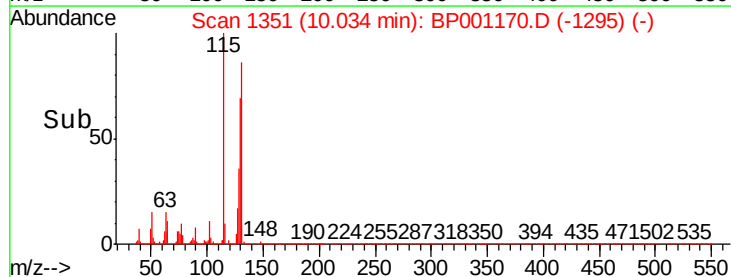
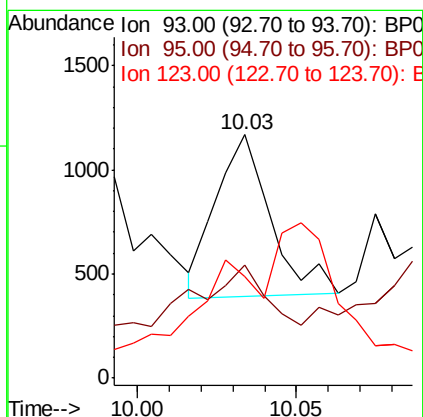
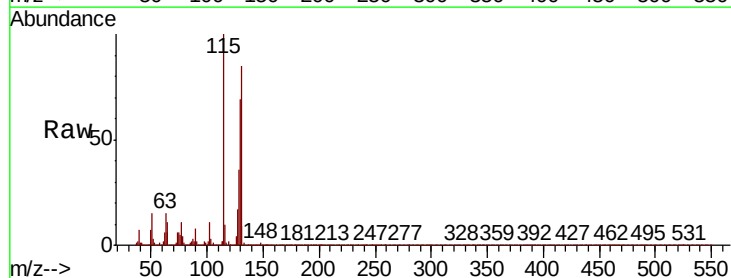
Tgt Ion: 93 Resp: 933

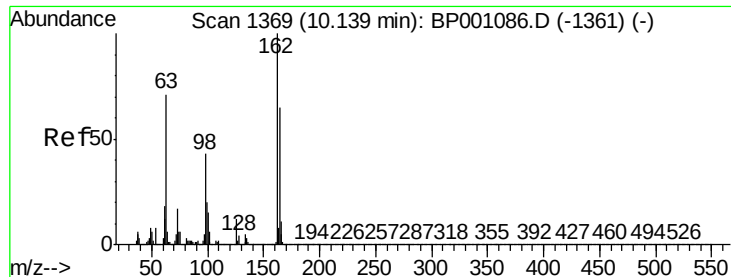
Ion Ratio Lower Upper

93 100

95 46.3 26.0 39.0#

123 41.7 8.9 13.3#

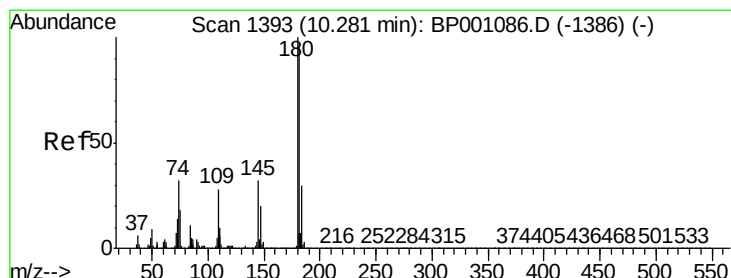
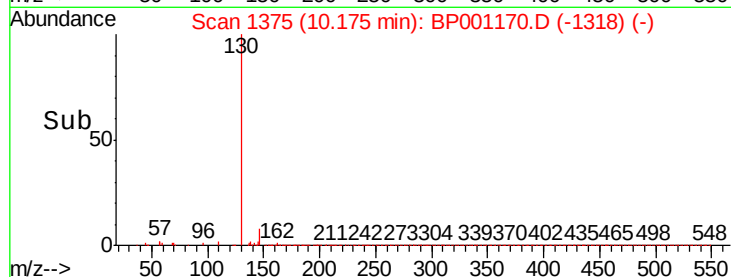
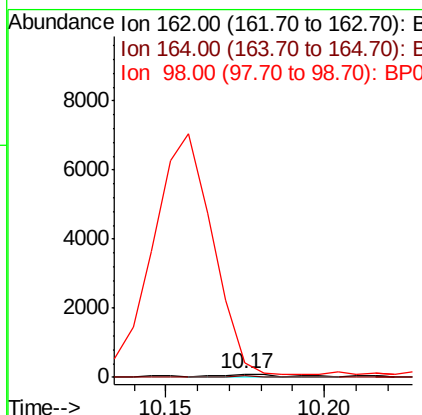
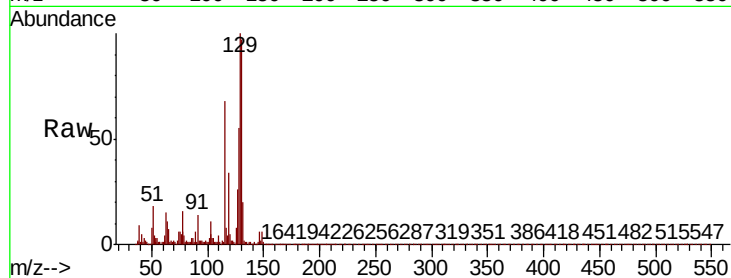




#29
2,4-Dichlorophenol
Concen: 0.020 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

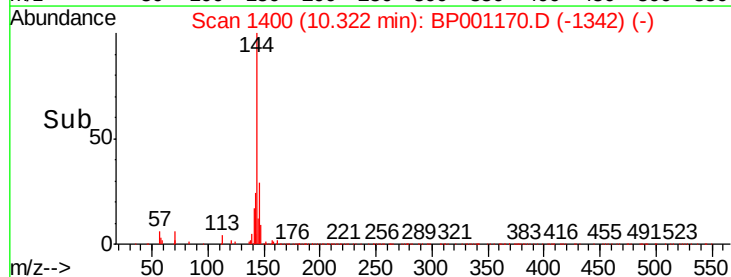
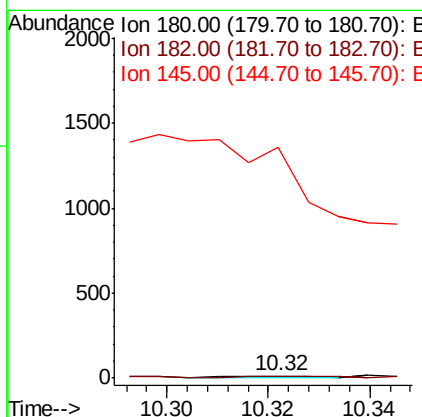
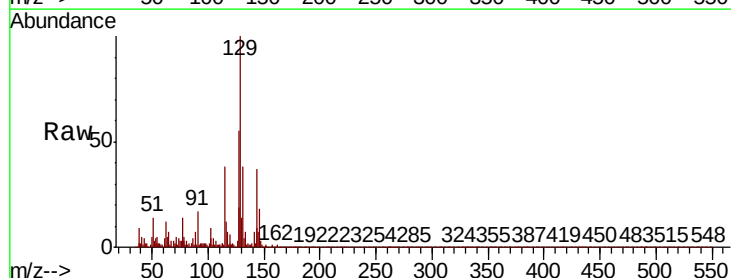
Instrument :
BNA_P
ClientSampleId :

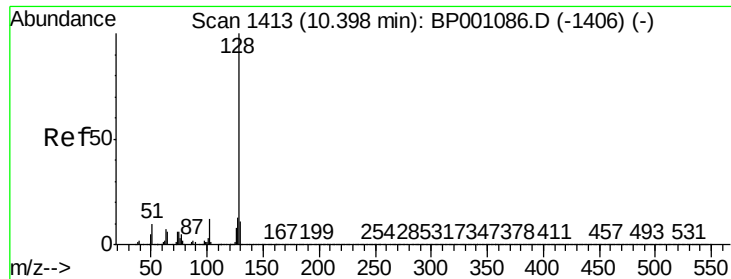
Tot Ion	Ratio	Lower	Upper
162	100		
164	38.4	45.1	85.1#
98	410.1	23.4	63.4#



#30
1,2,4-Trichlorobenzene
Concen: 0.002 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.3	114.5
145	10469.2	25.4	38.2#

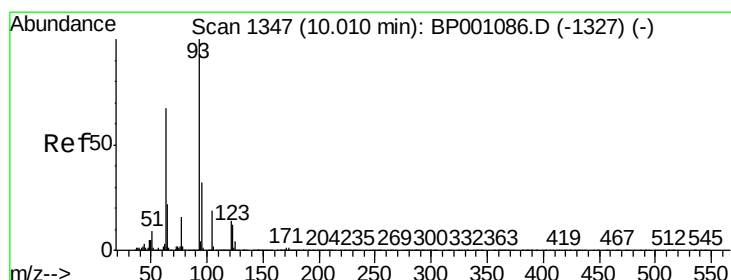
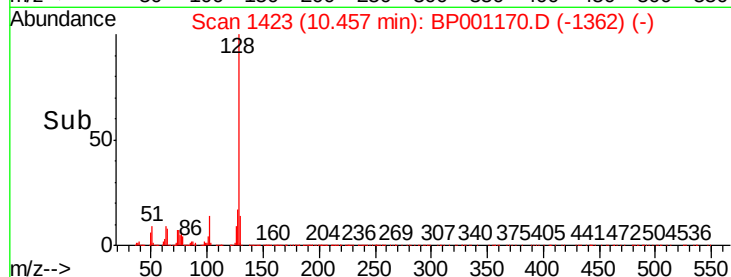
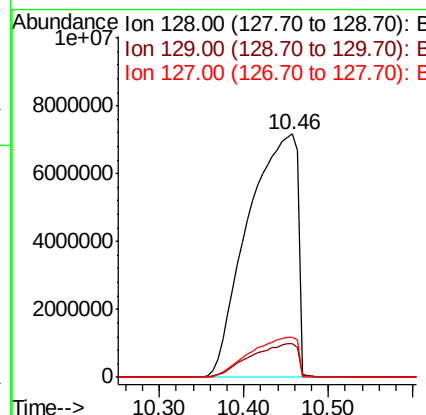
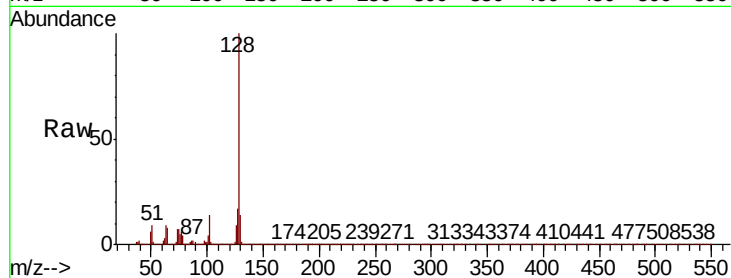




#31
Naphthalene
Concen: 1605.098 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.06 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

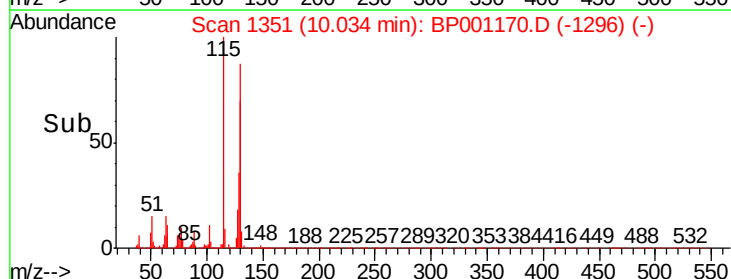
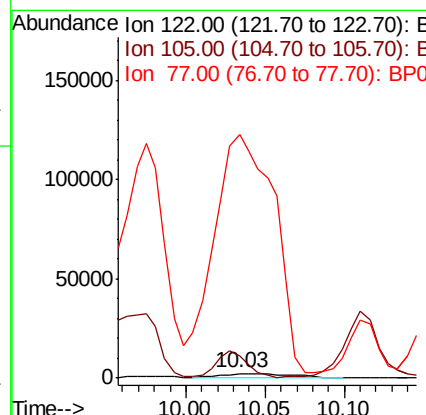
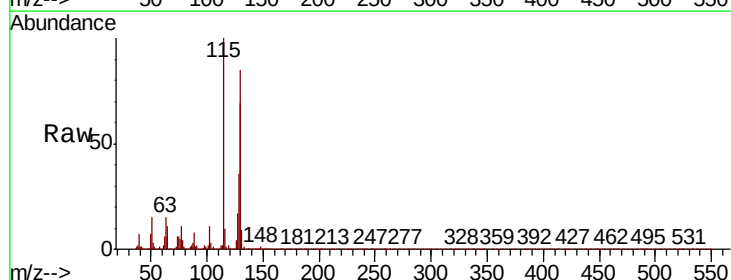
Instrument :
BNA_P
ClientSampleId :

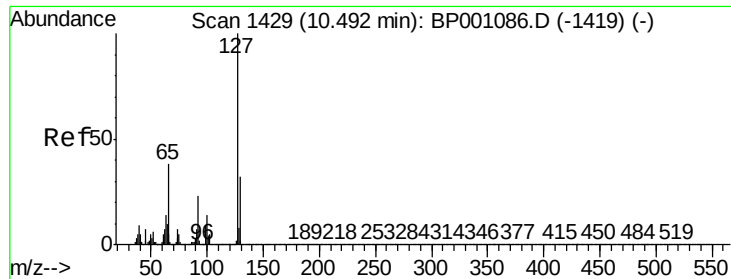
Tot Ion:128 Resp:29115022
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2#
127 16.7 10.6 16.0#



#32
Benzoic acid
Concen: 2.014 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:122 Resp: 6877
Ion Ratio Lower Upper
122 100
105 494.6 116.8 156.8#
77 5346.1 95.0 135.0#

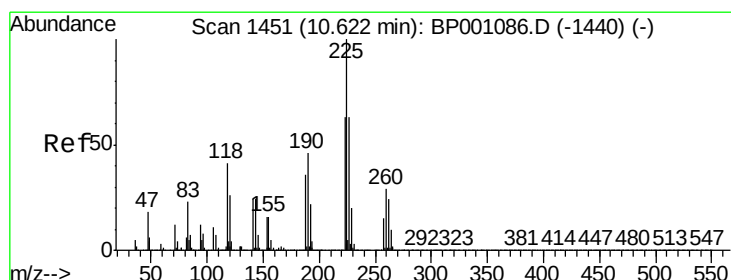
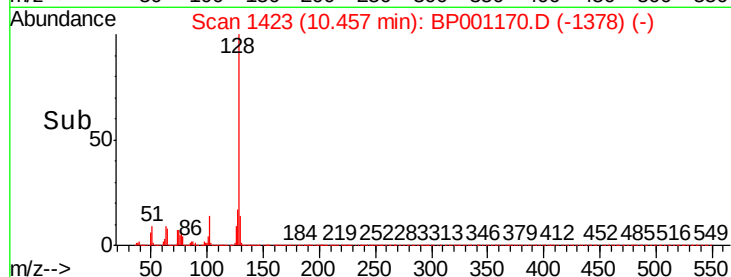
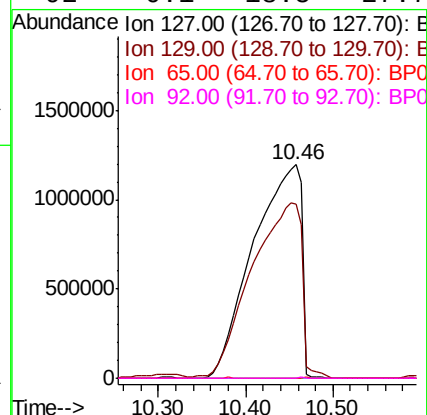
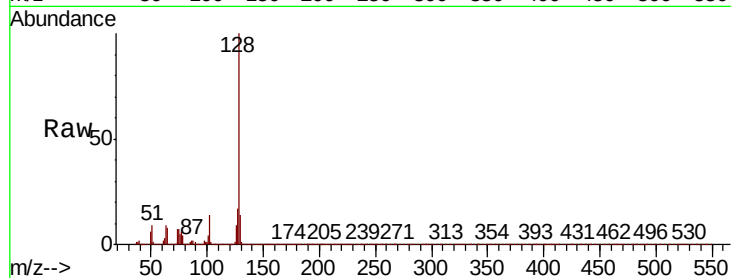




#33
4-Chloroaniline
Concen: 576.889 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

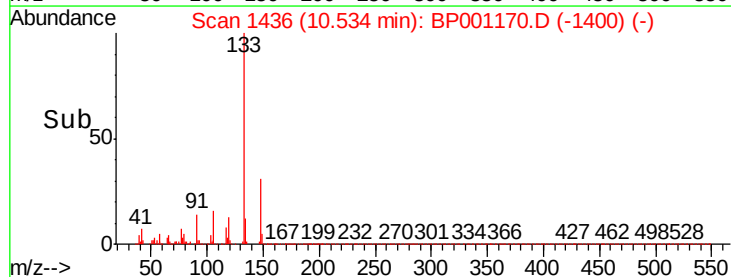
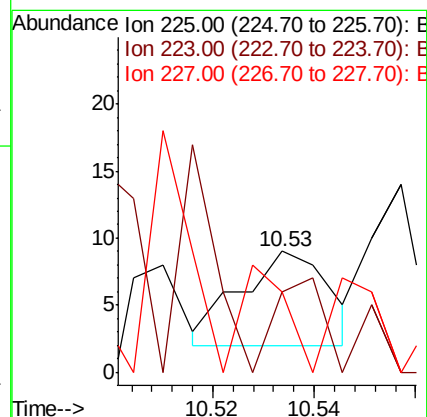
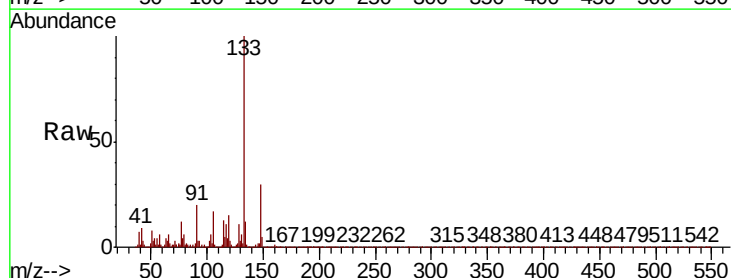
Instrument :
BNA_P
ClientSampleId :

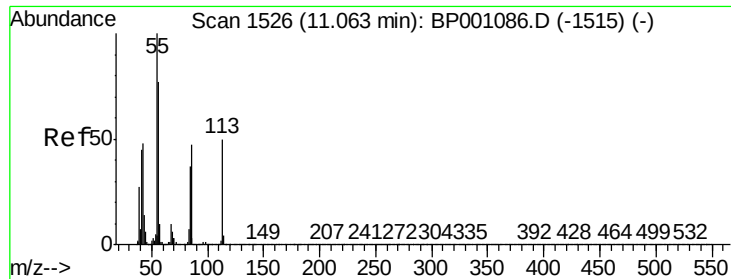
Tot Ion:127 Resp: 4540985
Ion Ratio Lower Upper
127 100
129 81.6 25.5 38.3#
65 0.0 30.6 46.0#
92 0.1 18.5 27.7#



#34
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.09 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:225 Resp: 8
Ion Ratio Lower Upper
225 100
223 66.7 50.0 75.0
227 66.7 50.0 75.0

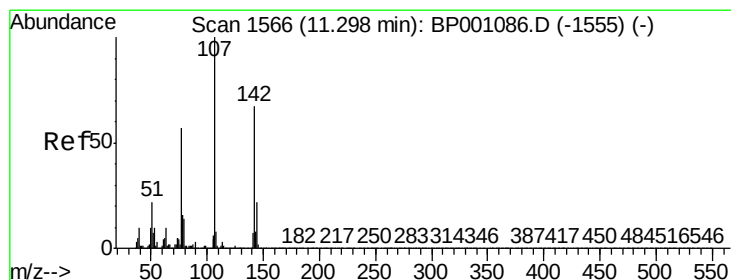
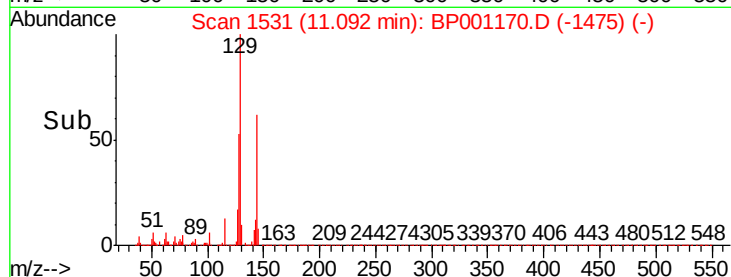
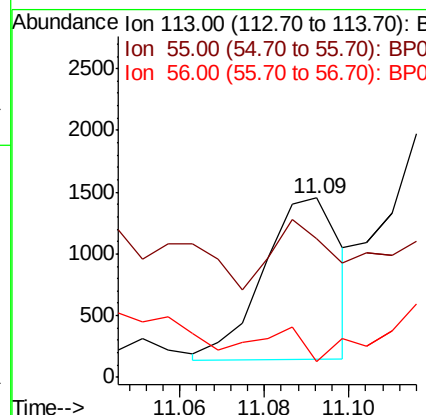
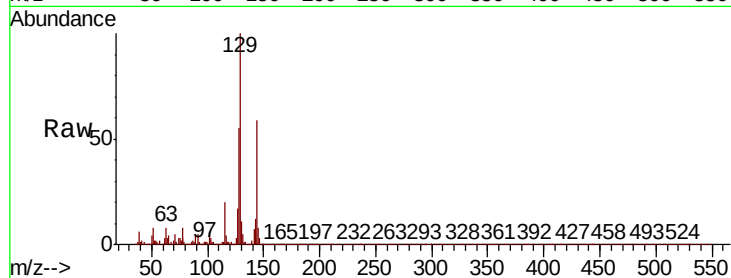




#35
Caprolactam
Concen: 0.895 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.03 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

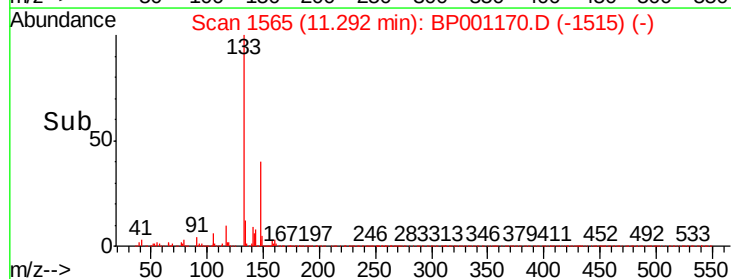
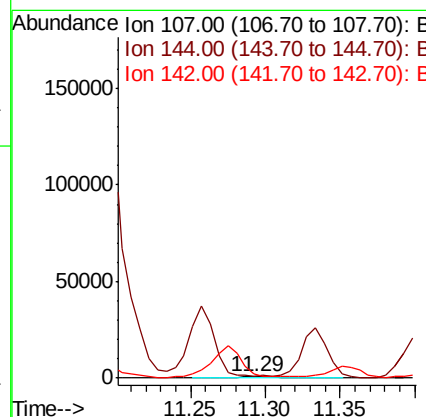
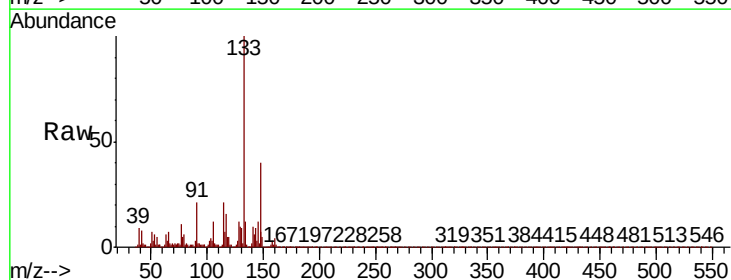
Instrument :
BNA_P
ClientSampled :

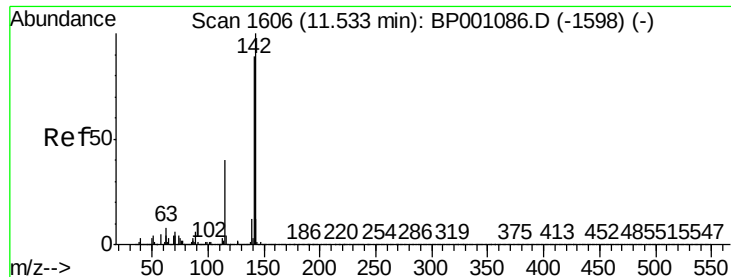
Tot Ion:113 Resp: 1658
Ion Ratio Lower Upper
113 100
55 77.6 181.2 221.2#
56 8.7 134.7 174.7#



#36
4-Chloro-3-methylphenol
Concen: 0.205 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:107 Resp: 1305
Ion Ratio Lower Upper
107 100
144 153.7 17.5 26.3#
142 307.3 53.3 79.9#

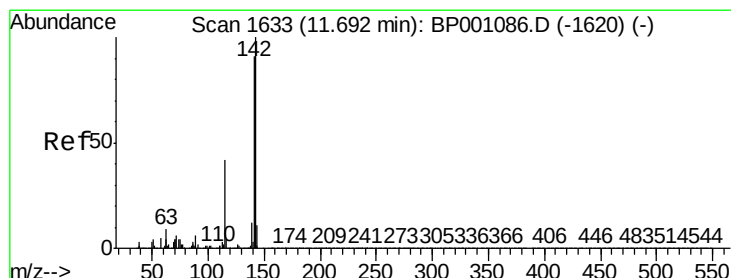
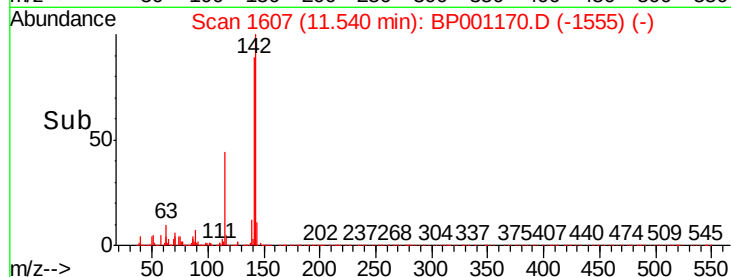
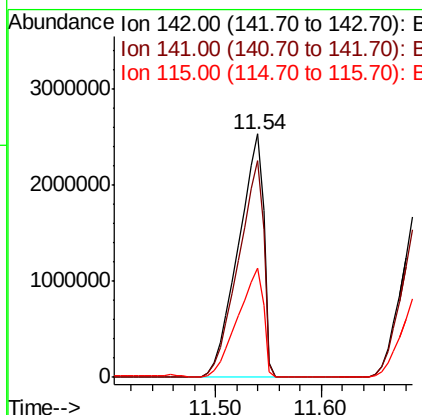
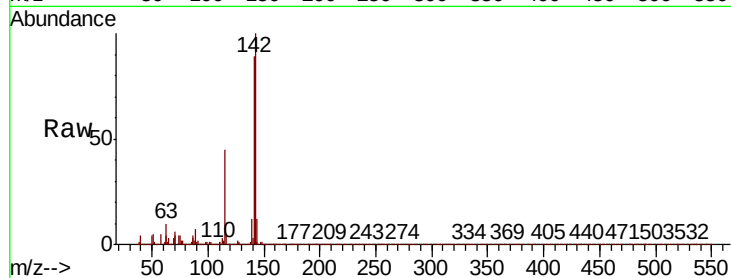




#37
2-Methylnaphthalene
Concen: 340.539 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

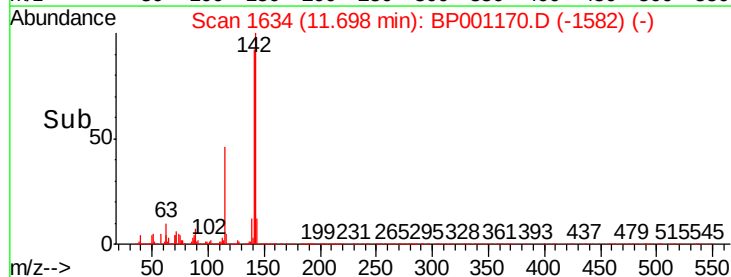
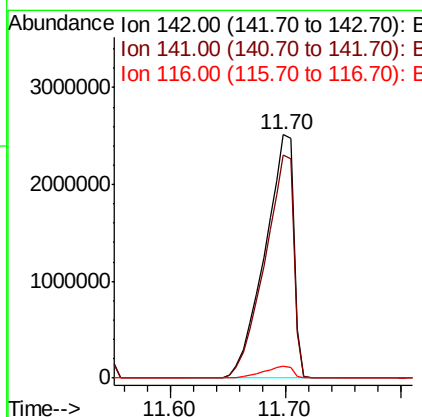
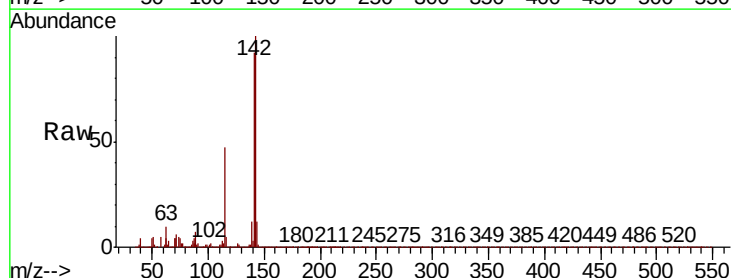
Instrument :
BNA_P
ClientSampleId :

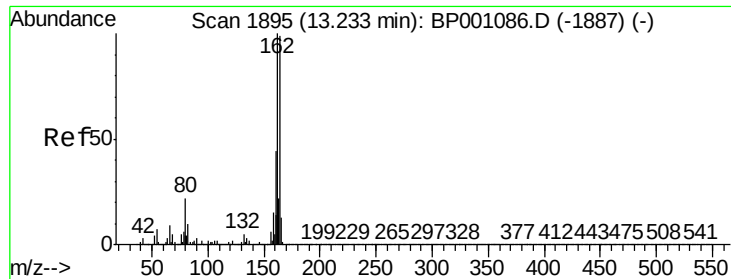
Tot Ion:142 Resp: 4214965
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7
115 44.7 32.3 48.5



#38
1-Methylnaphthalene
Concen: 372.097 ng
RT: 11.70 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:142 Resp: 4350613
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4
116 4.9 3.4 5.2

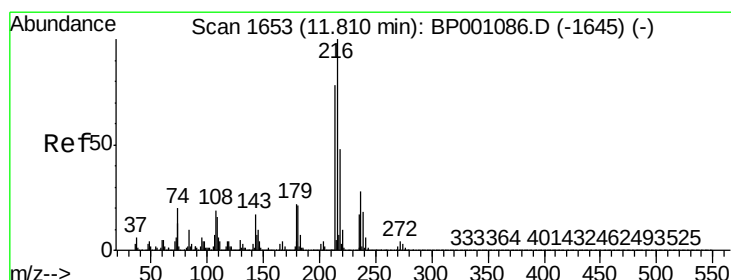
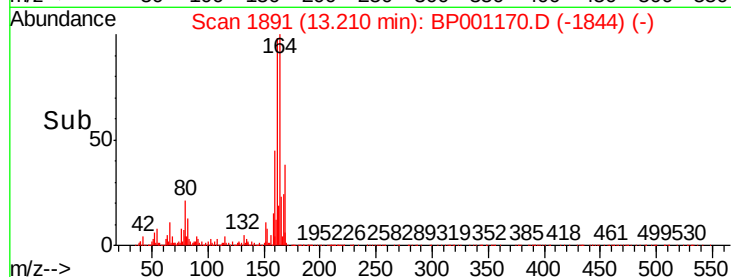
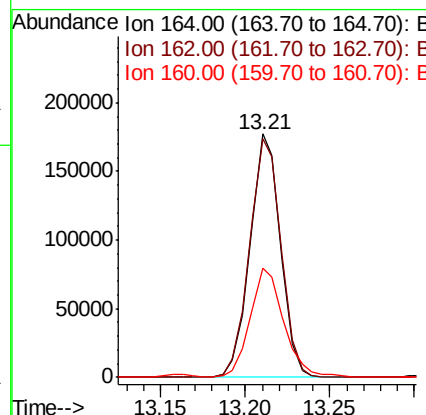
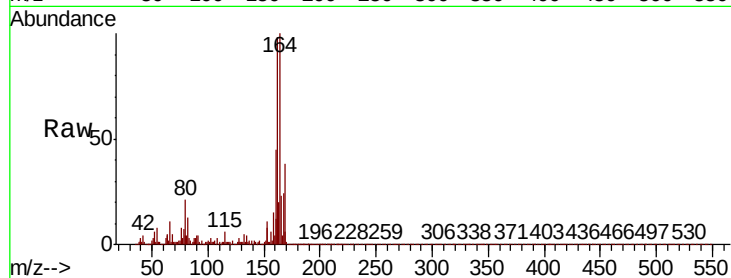




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.02 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

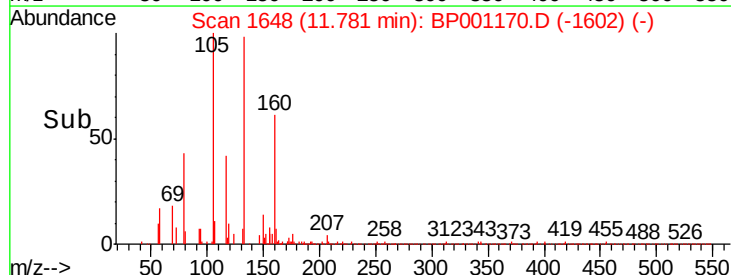
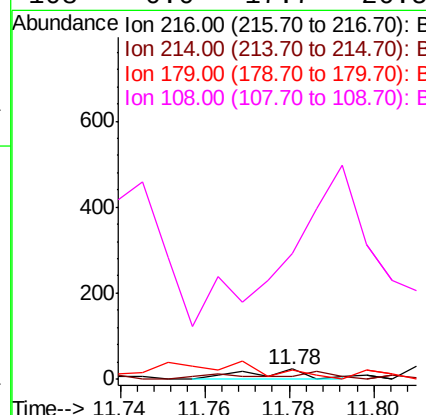
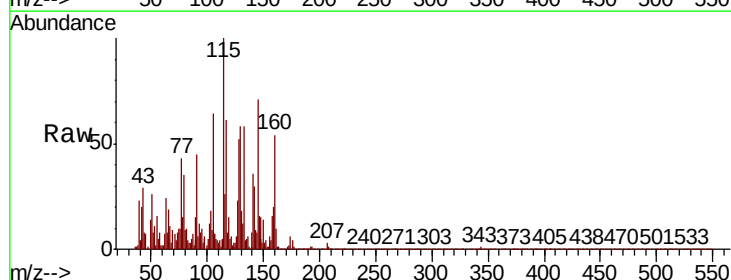
Instrument :
 BNA_P
 ClientSampled :

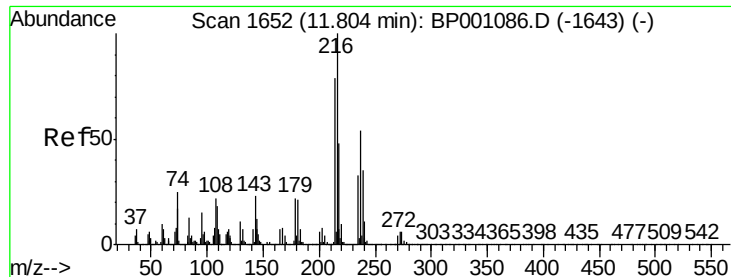
Tot Ion:164 Resp: 221778
 Ion Ratio Lower Upper
 164 100
 162 97.9 80.6 120.8
 160 44.9 35.4 53.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.003 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

Tgt Ion:216 Resp: 22
 Ion Ratio Lower Upper
 216 100
 214 40.9 62.8 94.2#
 179 0.0 17.6 26.4#
 108 0.0 17.7 26.5#

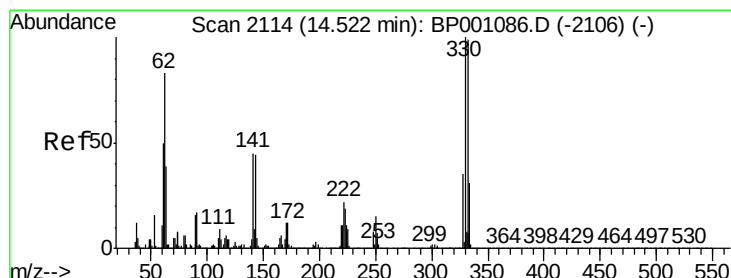
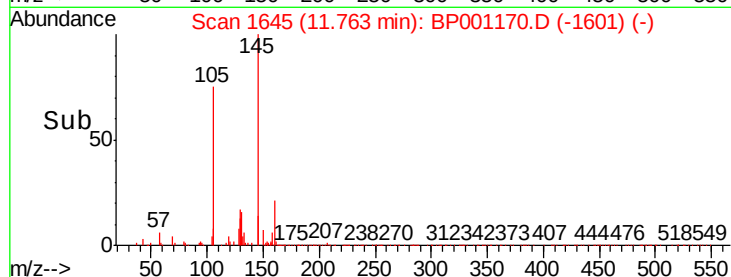
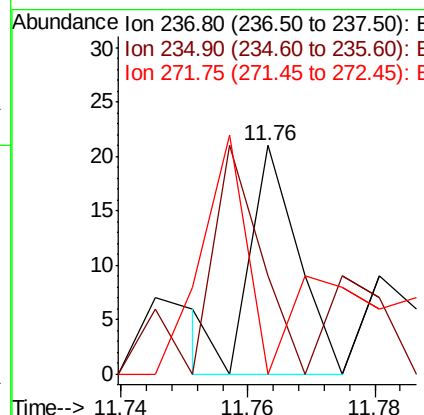
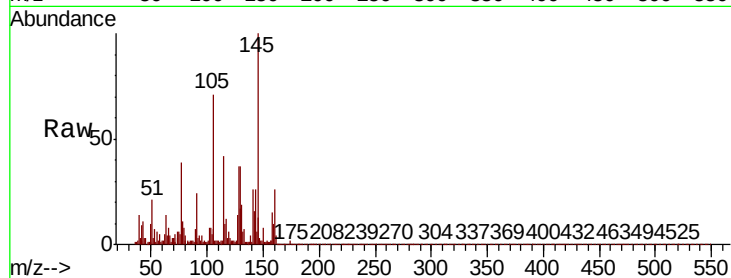




#41
Hexachlorocyclopentadiene
Concen: 0.003 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

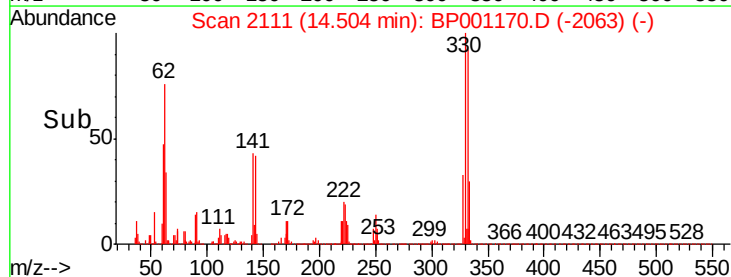
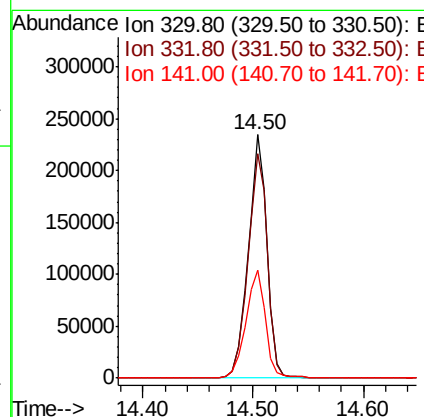
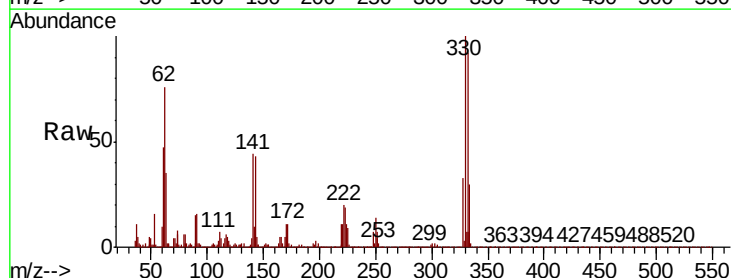
Instrument :
BNA_P
ClientSampleId :

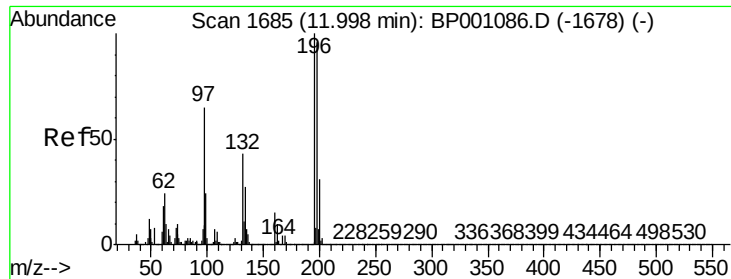
Tot Ion	Ratio	Lower	Upper
237	100		
235	42.9	41.8	81.8
272	0.0	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 130.555 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	46.2	34.2	51.2

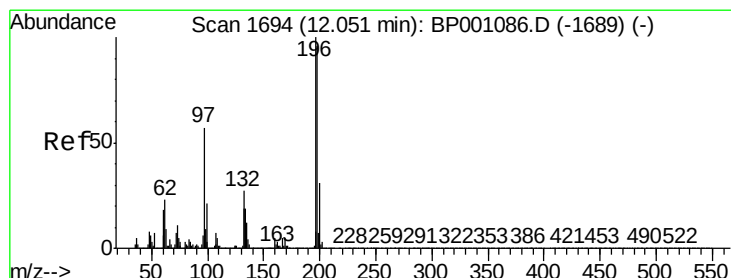
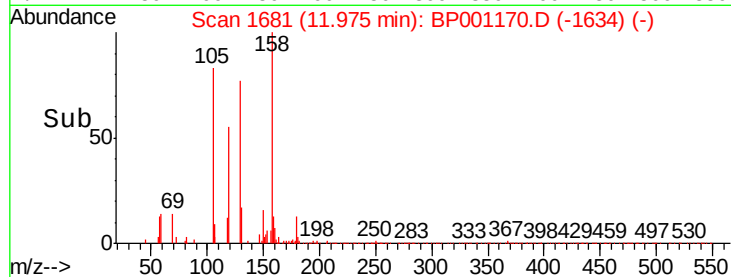
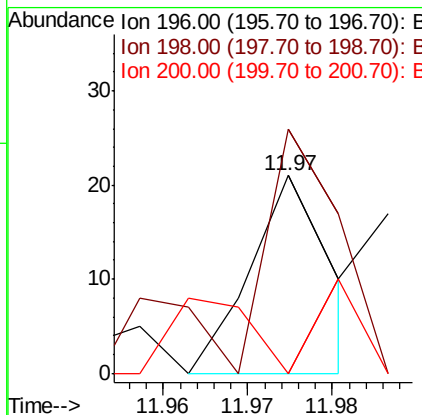
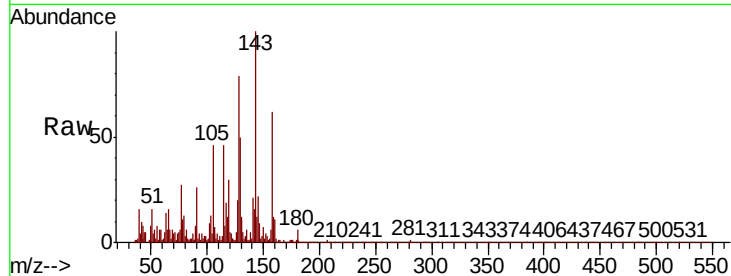




#43
2,4,6-Trichlorophenol
Concen: 0.003 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

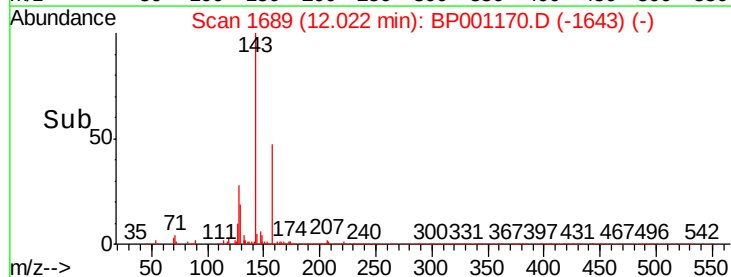
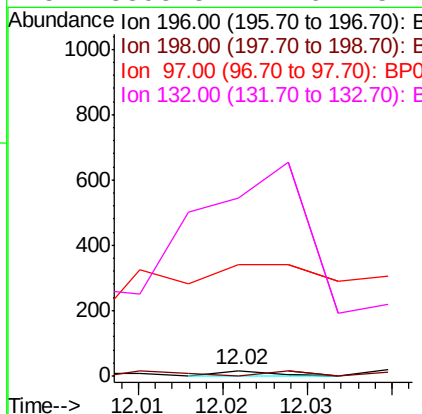
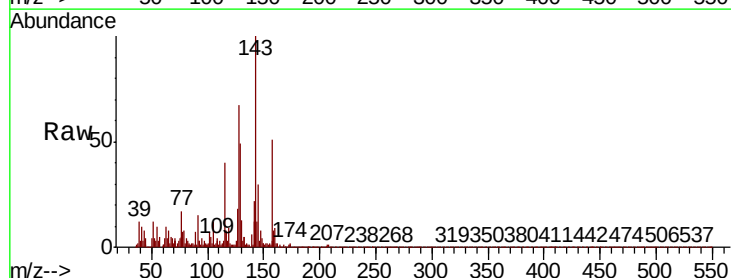
Instrument :
BNA_P
ClientSampleId :

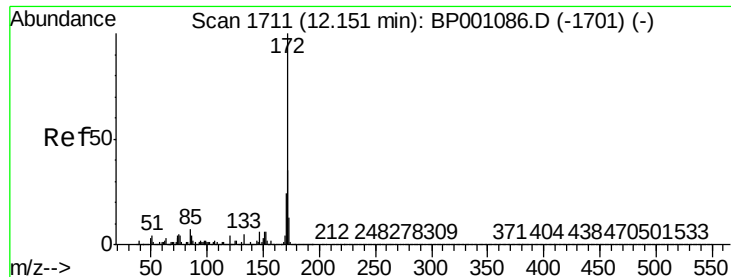
Tot Ion:196 Resp: 14
Ion Ratio Lower Upper
196 100
198 123.8 76.7 115.1#
200 0.0 24.7 37.1#



#44
2,4,5-Trichlorophenol
Concen: 0.001 ng
RT: 12.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:196 Resp: 7
Ion Ratio Lower Upper
196 100
198 0.0 76.8 115.2#
97 2125.0 46.1 69.1#
132 3393.8 21.6 32.4#

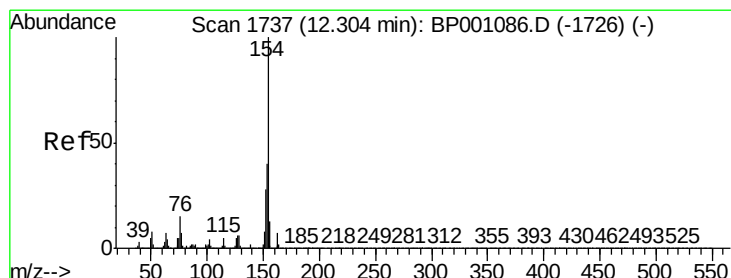
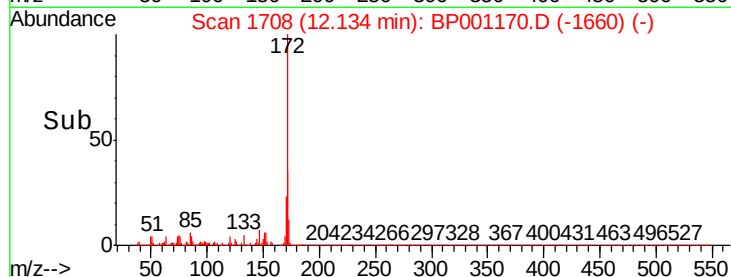
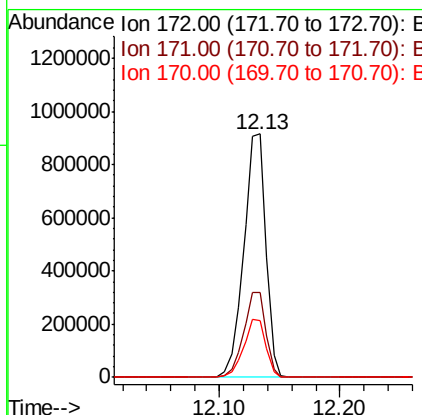
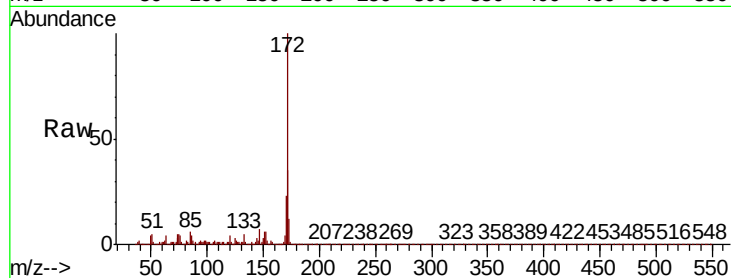




#45
2-Fluorobiphenyl
Concen: 77.247 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

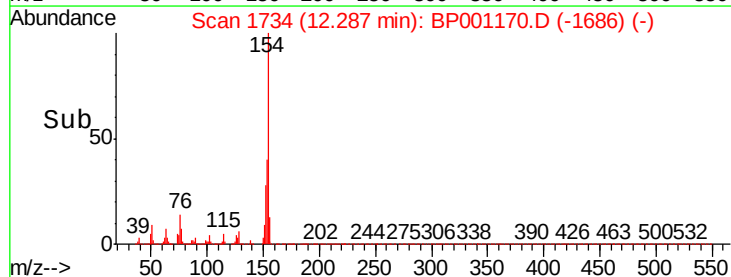
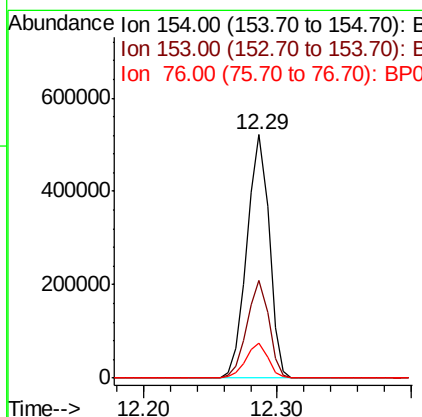
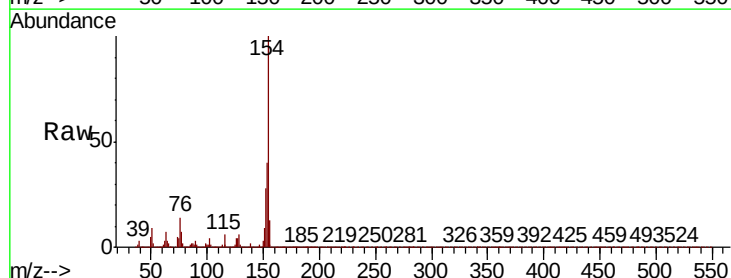
Instrument :
BNA_P
ClientSampleId :

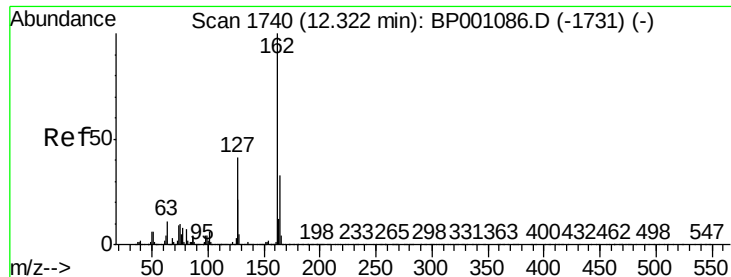
Tot Ion:172 Resp: 1170541
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 34.930 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:154 Resp: 598698
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 14.1 0.0 34.5

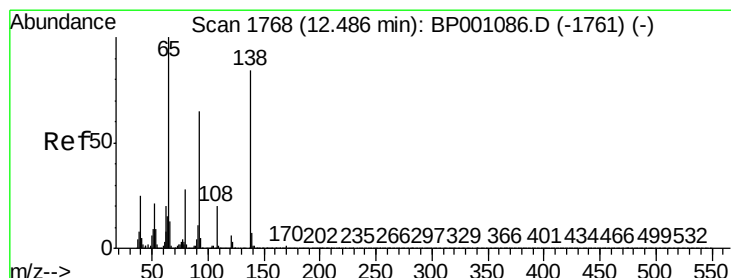
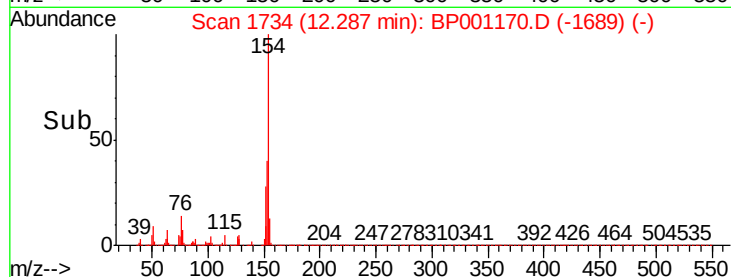
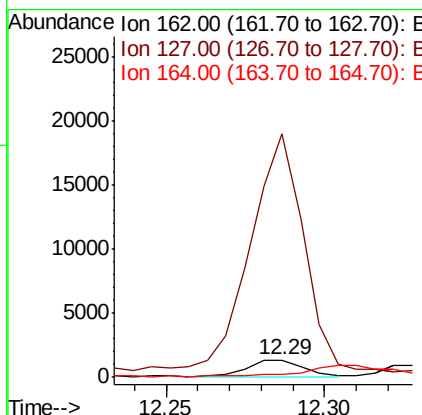
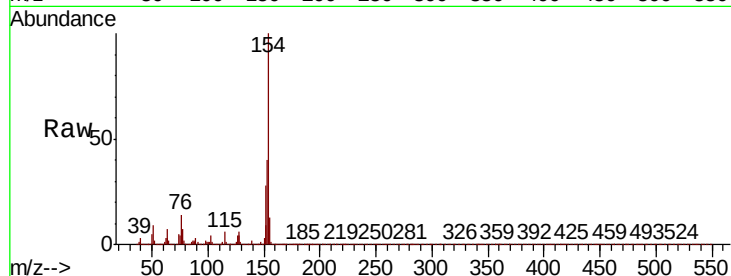




#47
2-Chloronaphthalene
Concen: 0.124 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

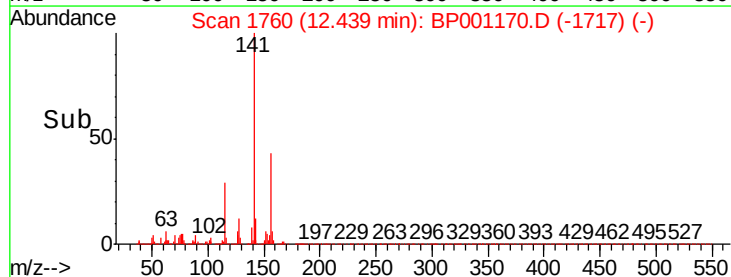
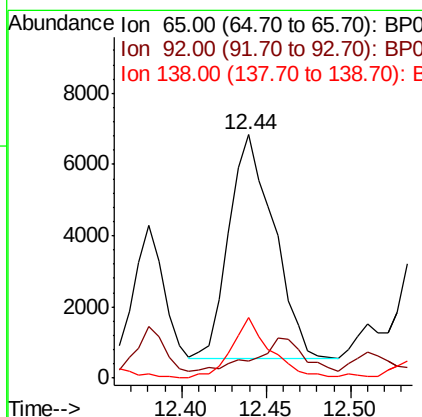
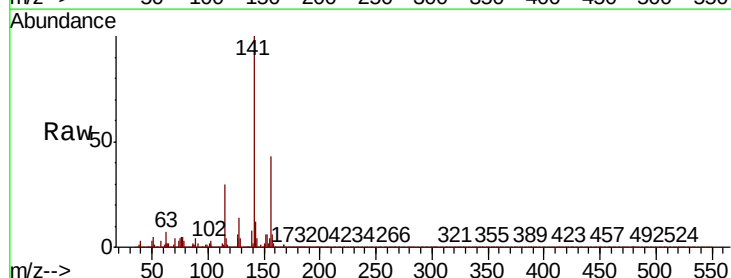
Instrument :
BNA_P
ClientSampleId :

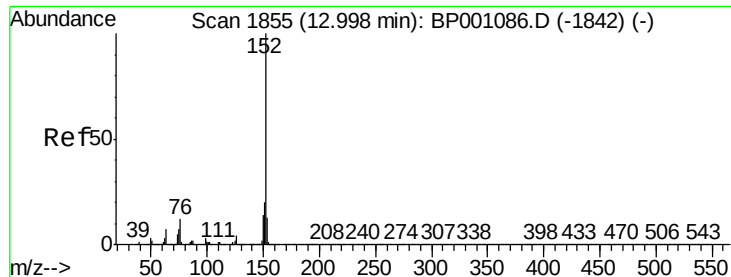
Tot Ion:162 Resp: 1699
Ion Ratio Lower Upper
162 100
127 1388.6 33.0 49.6#
164 16.9 26.7 40.1#



#48
2-Nitroaniline
Concen: 2.154 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.05 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion: 65 Resp: 11560
Ion Ratio Lower Upper
65 100
92 6.8 51.6 77.4#
138 24.7 67.3 100.9#





#49

Acenaphthylene

Concen: 2.413 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

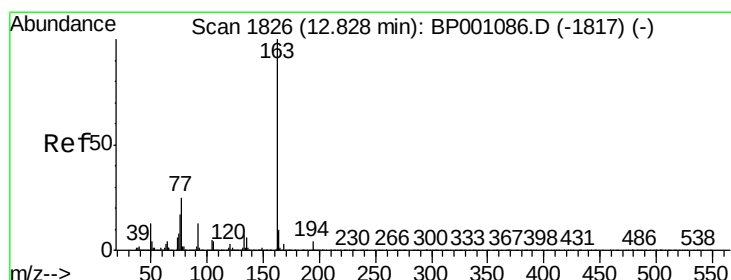
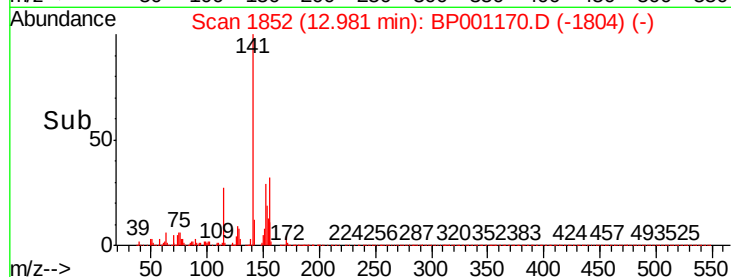
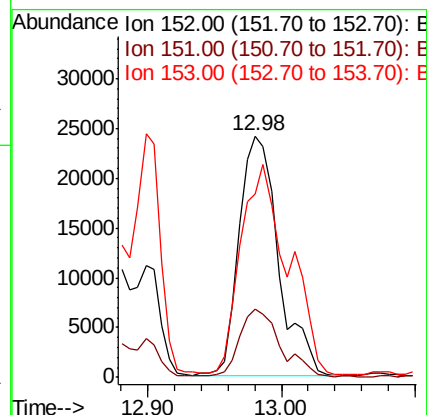
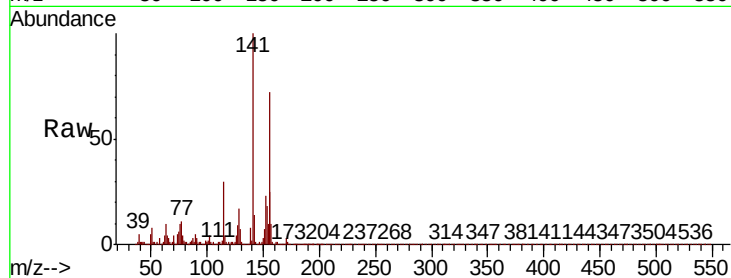
Tot Ion:152 Resp: 49517

Ion Ratio Lower Upper

152 100

151 28.4 15.8 23.8#

153 76.0 10.2 15.4#



#50

Dimethylphthalate

Concen: 3.293 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.03 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

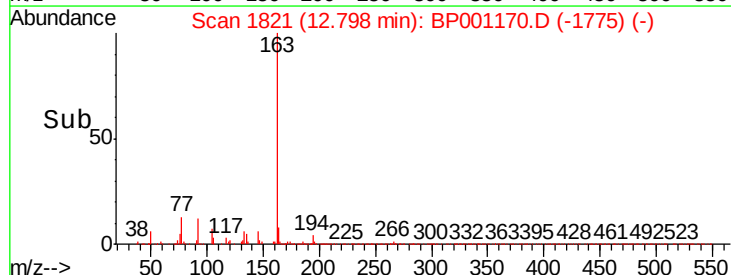
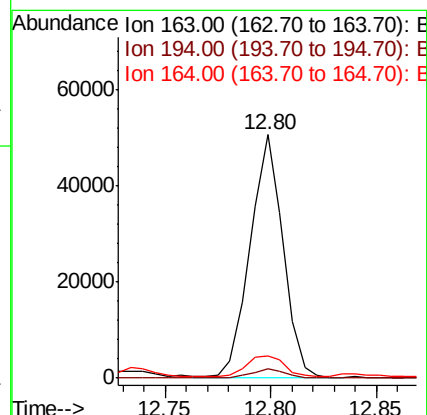
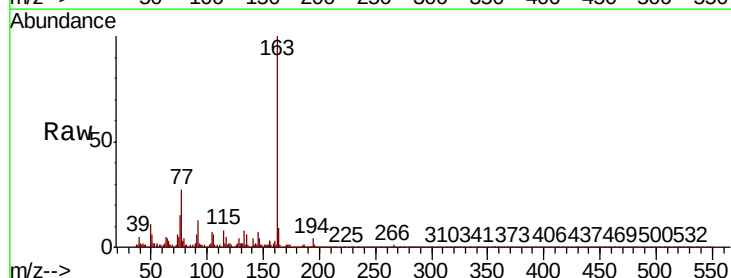
Tgt Ion:163 Resp: 54623

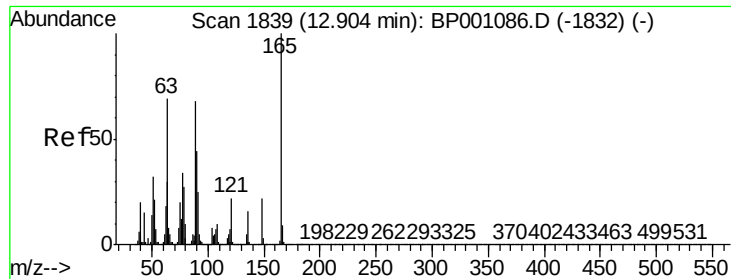
Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 9.1 8.1 12.1

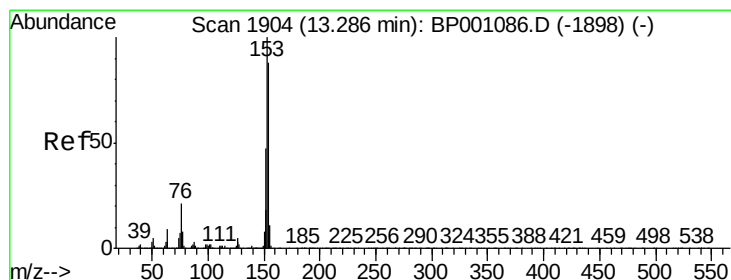
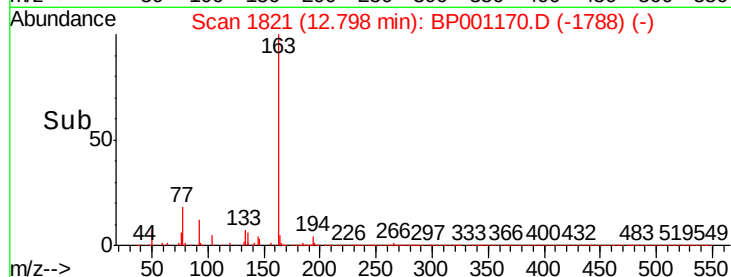
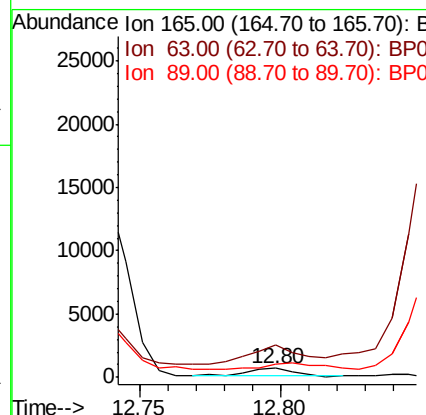
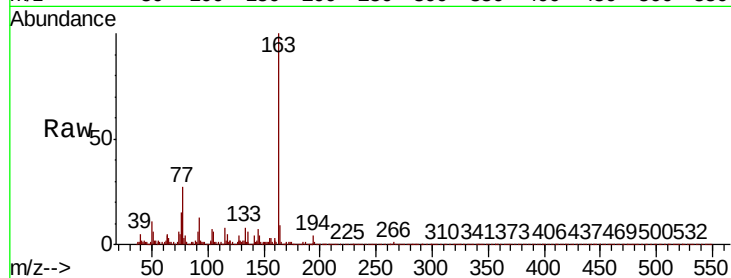




#51
2,6-Dinitrotoluene
Concen: 0.214 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.11 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

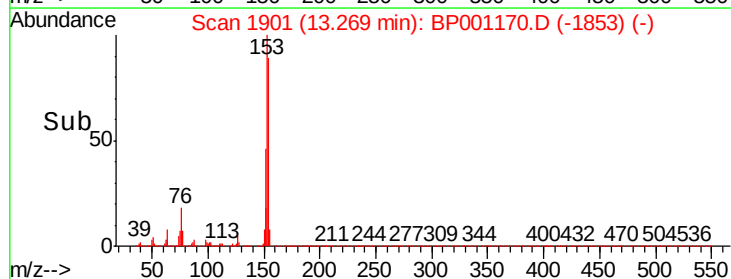
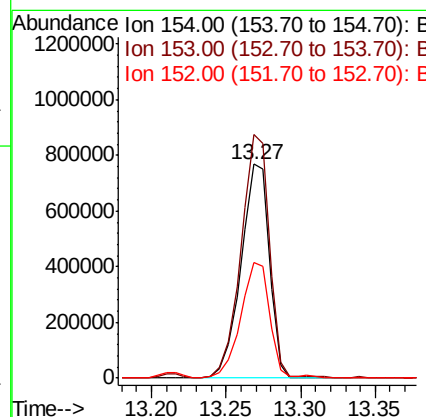
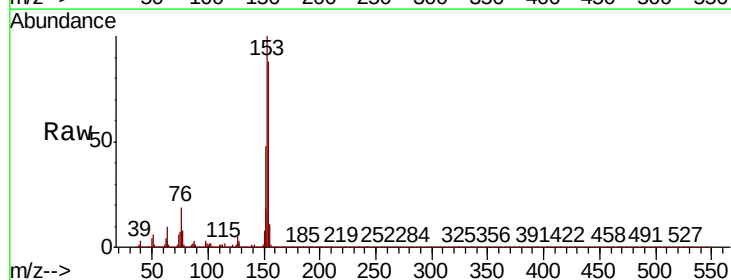
Instrument :
BNA_P
ClientSampleId :

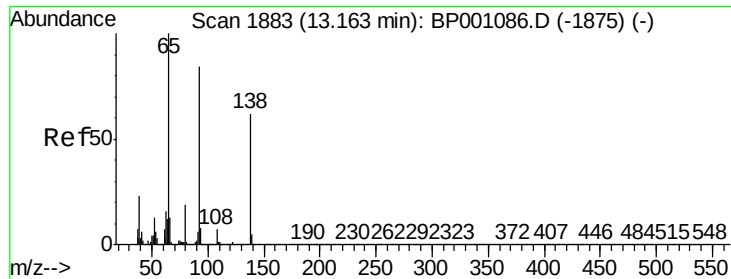
Tot Ion:165 Resp: 761
Ion Ratio Lower Upper
165 100
63 352.1 55.6 83.4#
89 151.7 54.1 81.1#



#52
Acenaphthene
Concen: 82.116 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:154 Resp: 1013696
Ion Ratio Lower Upper
154 100
153 113.8 90.5 135.7
152 54.3 42.6 64.0





#53

3-Nitroaniline

Concen: 0.059 ng

RT: 13.17 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

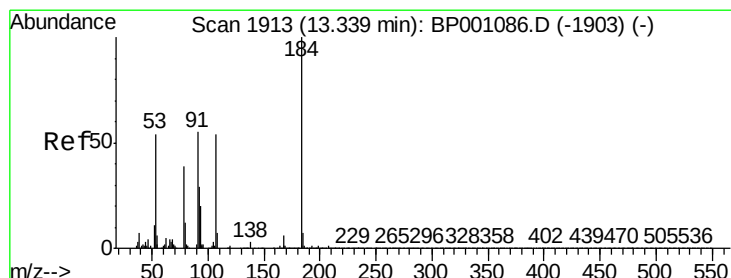
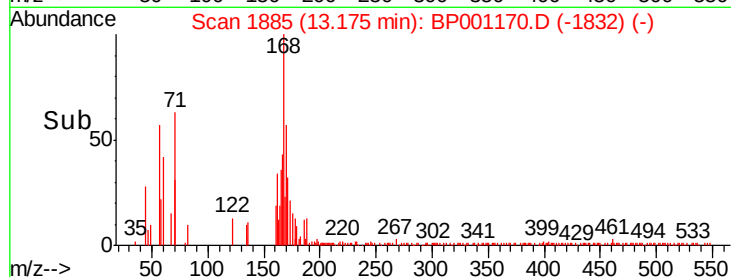
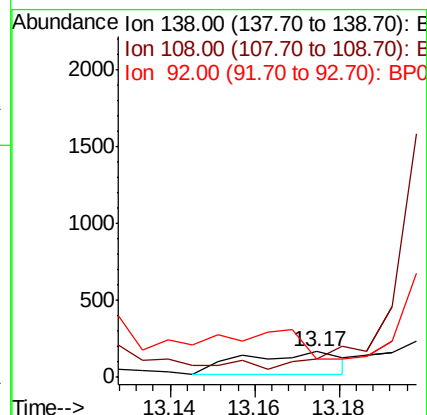
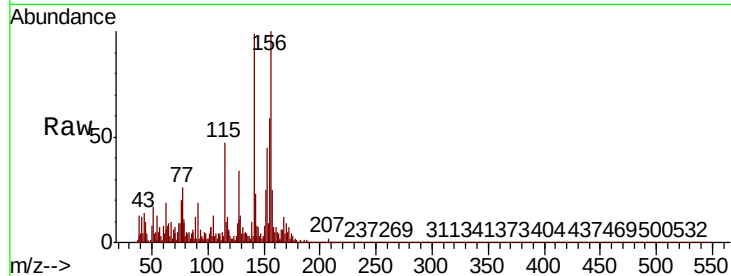
Tot Ion:138 Resp: 237

Ion Ratio Lower Upper

138 100

108 73.2 9.2 13.8#

92 72.6 107.8 161.6#



#54

2,4-Dinitrophenol

Concen: 7.176 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

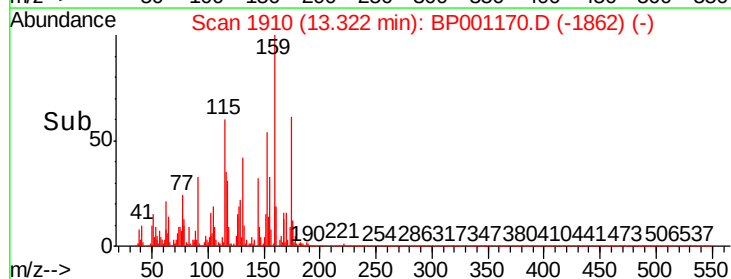
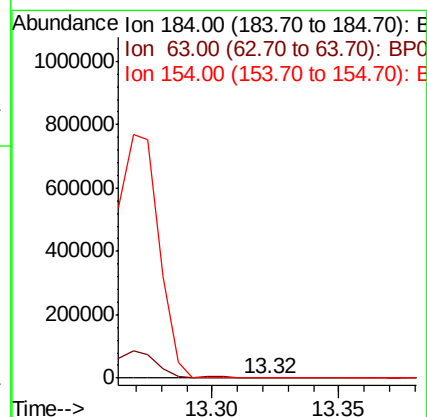
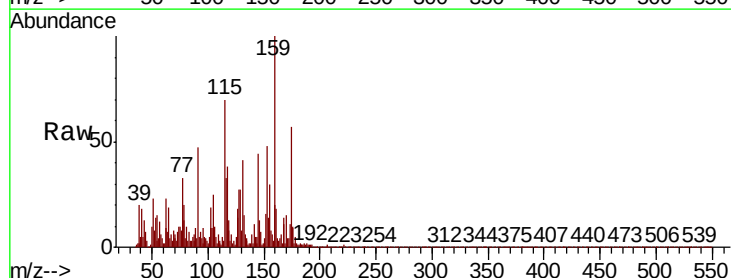
Tgt Ion:184 Resp: 106

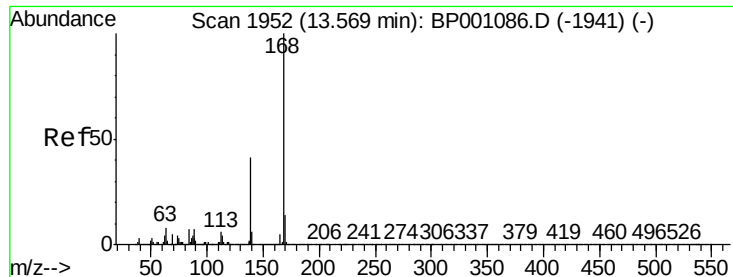
Ion Ratio Lower Upper

184 100

63 1873.7 60.7 91.1#

154 1140.0 56.2 84.2#

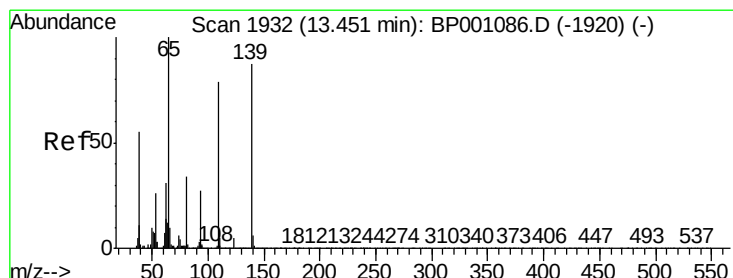
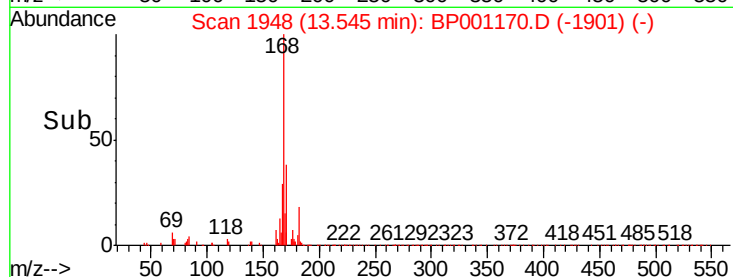
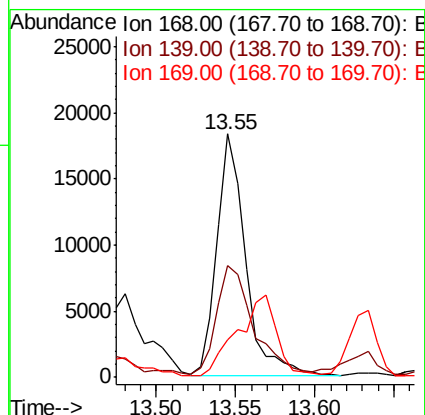
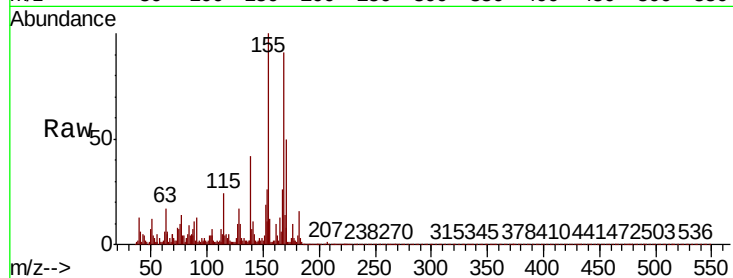




#55
Dibenzofuran
Concen: 1.243 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

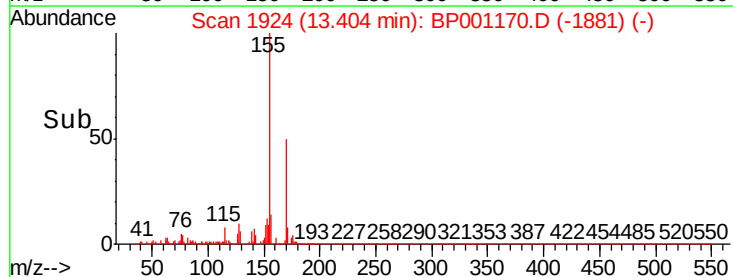
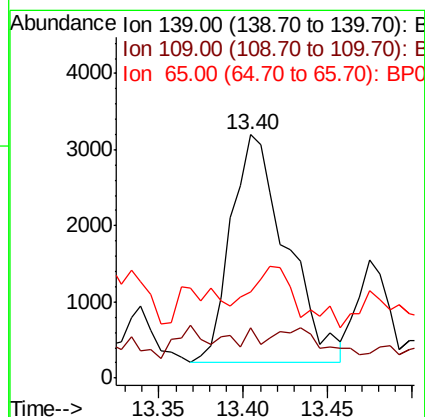
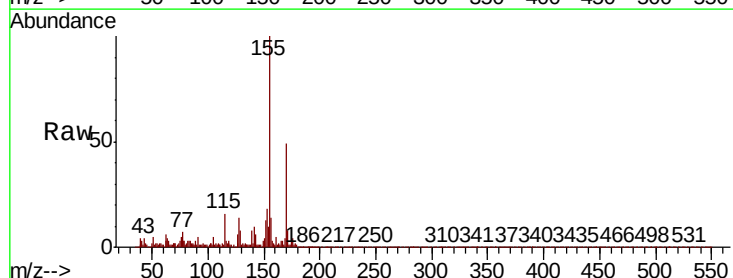
Instrument :
BNA_P
ClientSampleId :

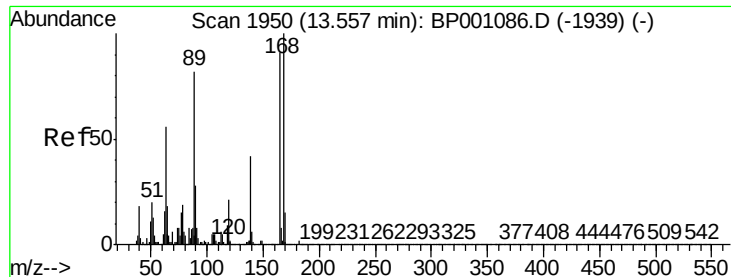
Tot Ion	Ratio	Lower	Upper
168	100		
139	45.7	32.8	49.2
169	15.6	10.9	16.3



#56
4-Nitrophenol
Concen: 2.413 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	20.5	70.9	110.9#
65	35.6	95.2	135.2#





#57

2,4-Dinitrotoluene

Concen: 0.830 ng

RT: 13.54 min Scan# 1947

Delta R.T. -0.02 min

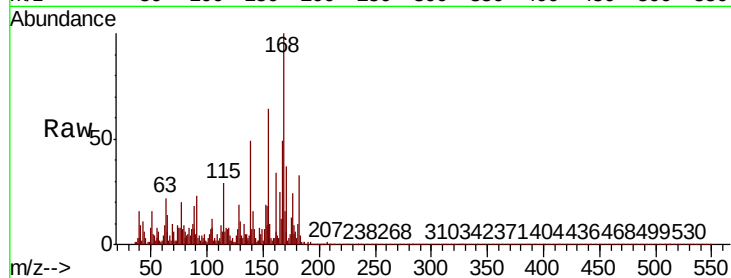
Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

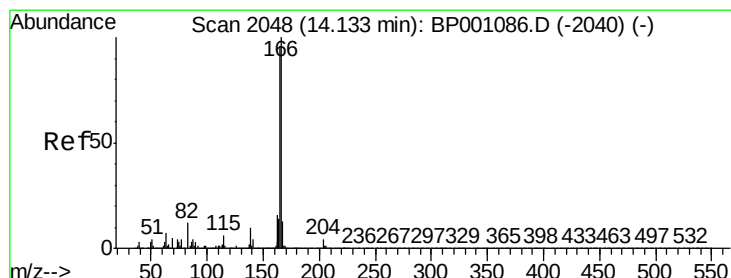
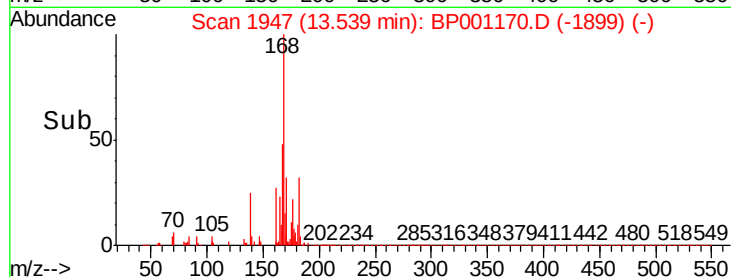
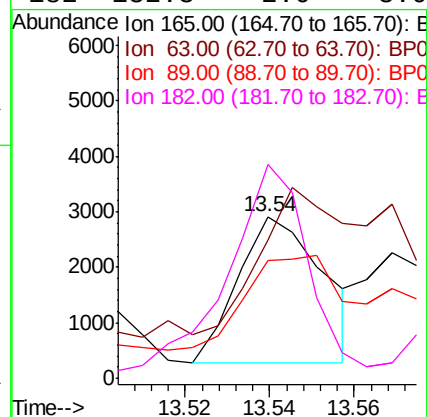
Instrument :

BNA_P

ClientSampled :



Tot Ion:	165	Resp:	3695
Ion	Ratio	Lower	Upper
165	100		
63	85.5	49.4	74.2#
89	72.7	72.1	108.1
182	132.3	2.0	3.0#



#58

Fluorene

Concen: 25.611 ng

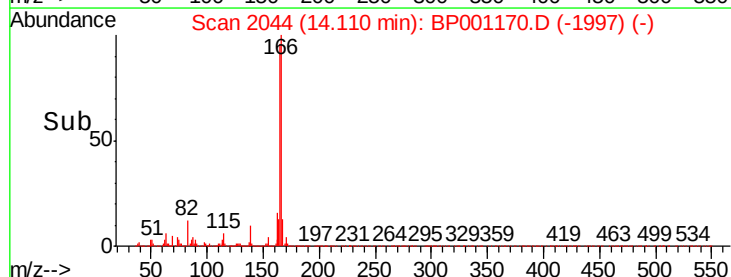
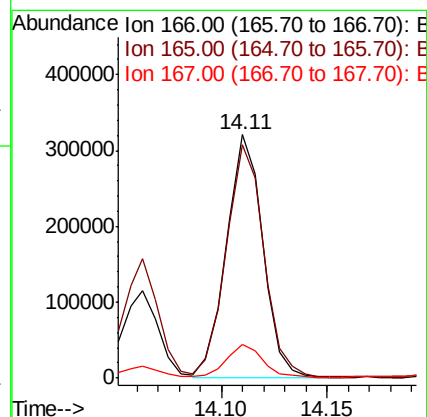
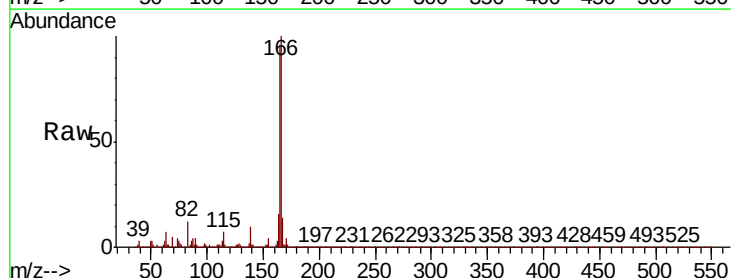
RT: 14.11 min Scan# 2044

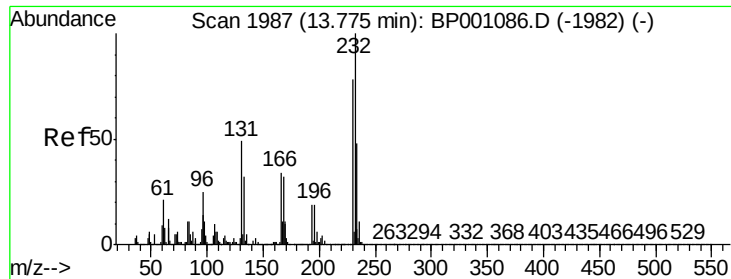
Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Tgt Ion:	166	Resp:	380696
Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.7	115.1
167	14.0	10.5	15.7

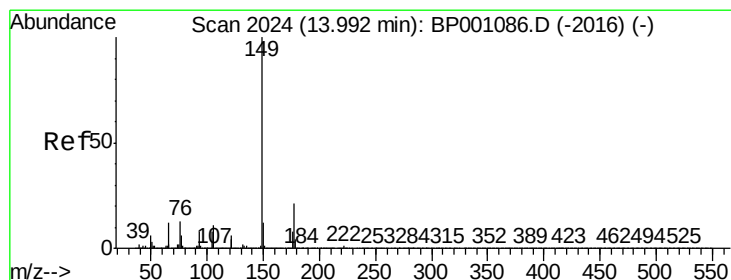
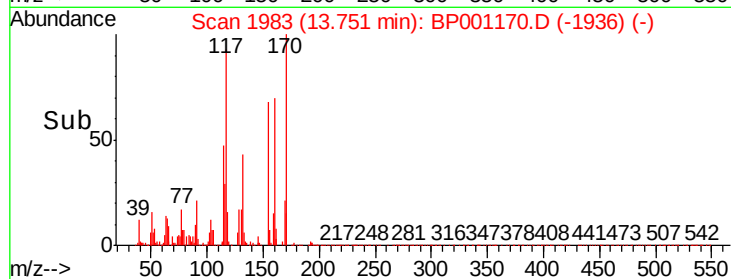
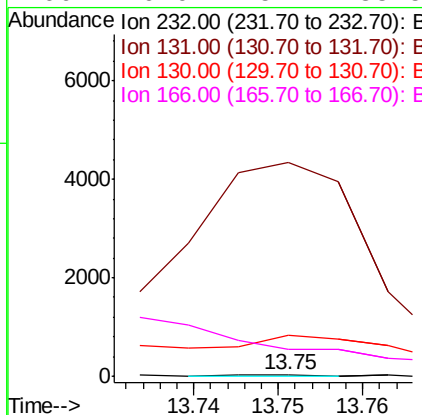
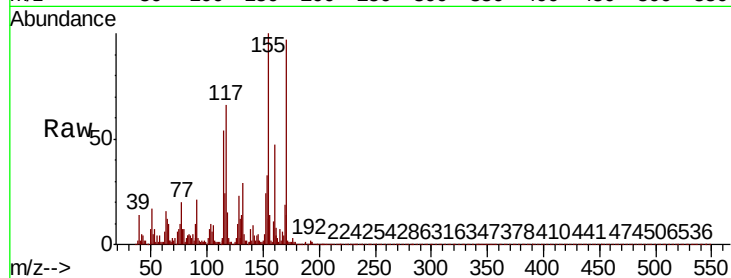




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.006 ng
 RT: 13.75 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

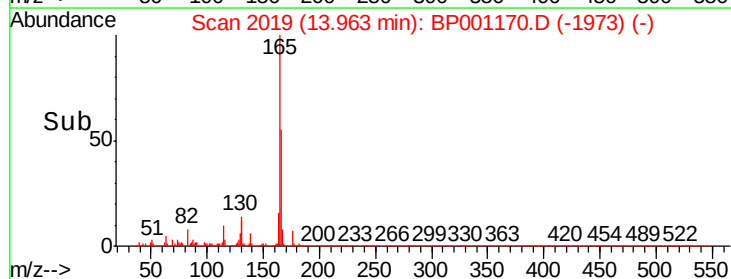
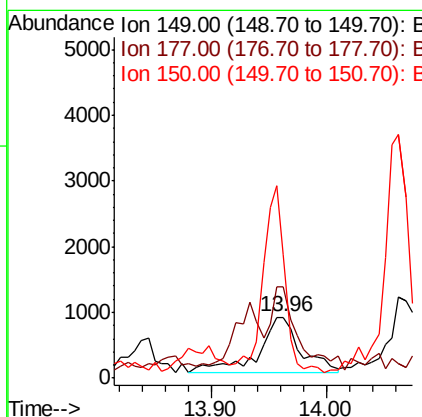
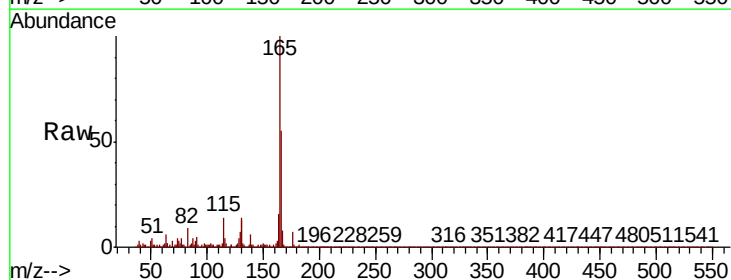
Instrument :
 BNA_P
 ClientSampleId :

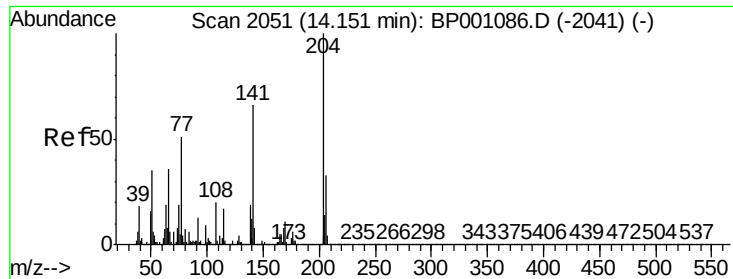
Tot Ion:232 Resp: 22
 Ion Ratio Lower Upper
 232 100
 131 26322.7 39.6 59.4#
 130 3831.8 1.9 2.9#
 166 0.0 25.7 38.5#



#60
 Diethylphthalate
 Concen: 0.123 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

Tgt Ion:149 Resp: 2110
 Ion Ratio Lower Upper
 149 100
 177 149.3 17.0 25.6#
 150 200.5 9.9 14.9#

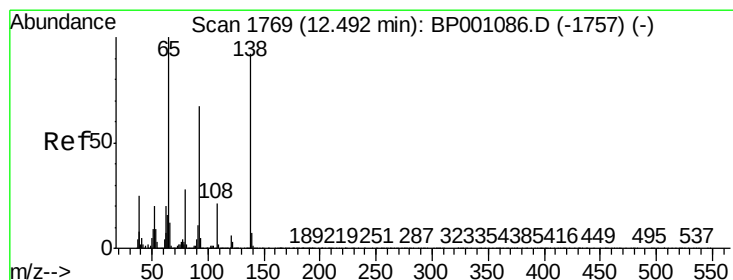
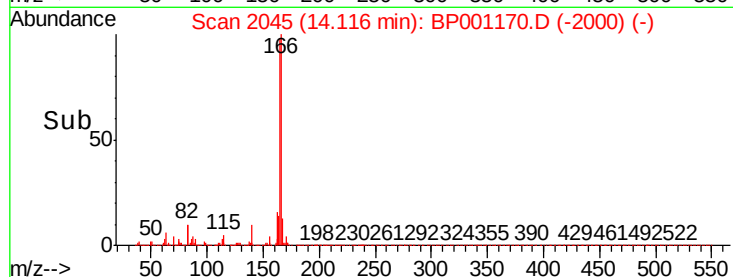
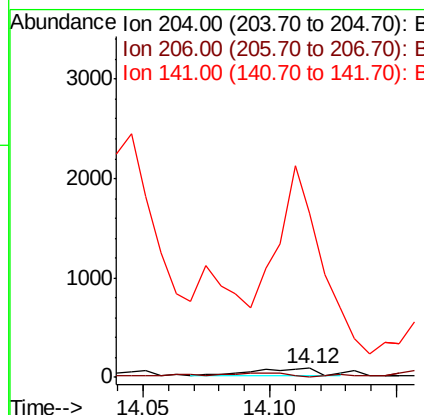
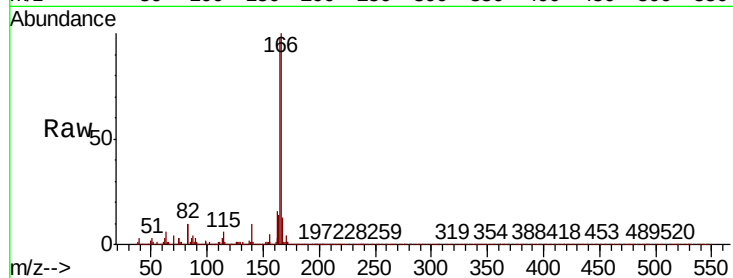




#61
4-Chlorophenyl-phenylether
Concen: 0.019 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

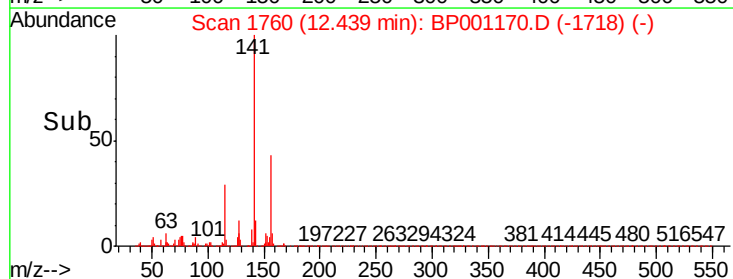
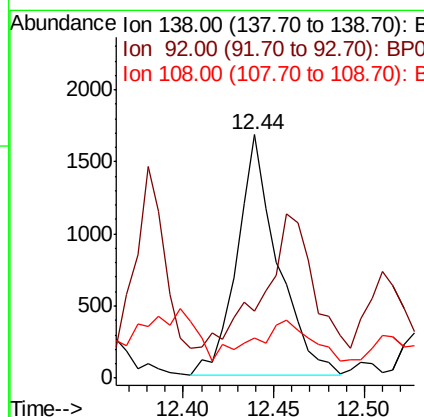
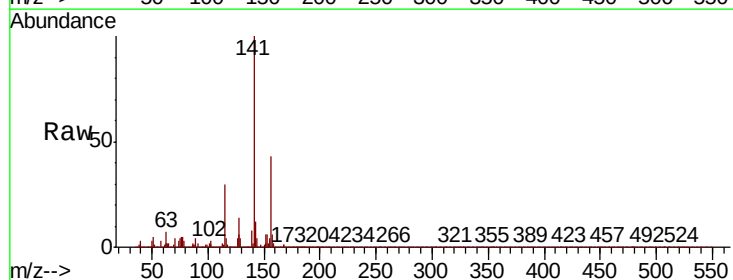
Instrument :
BNA_P
ClientSampled :

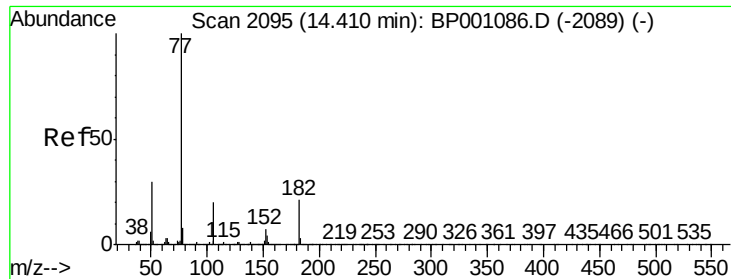
Tot Ion:204 Resp: 142
Ion Ratio Lower Upper
204 100
206 0.0 26.1 39.1#
141 1813.2 52.7 79.1#



#62
4-Nitroaniline
Concen: 0.562 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.05 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:138 Resp: 2600
Ion Ratio Lower Upper
138 100
92 27.6 53.3 93.3#
108 16.3 3.1 43.1

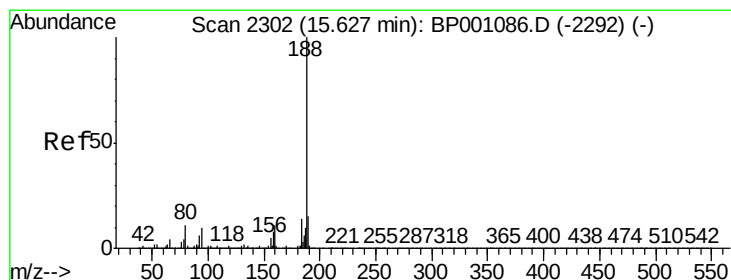
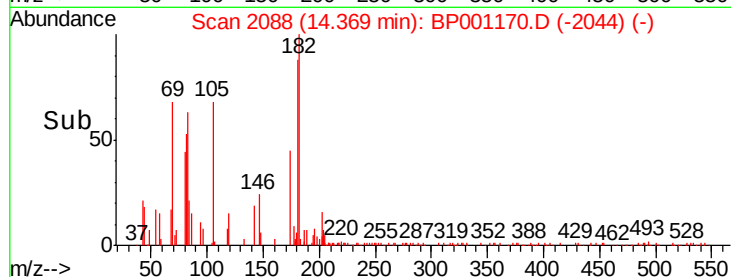
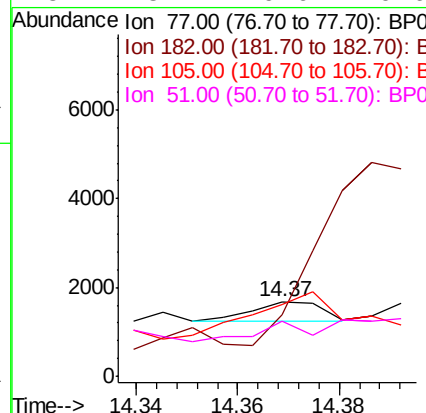
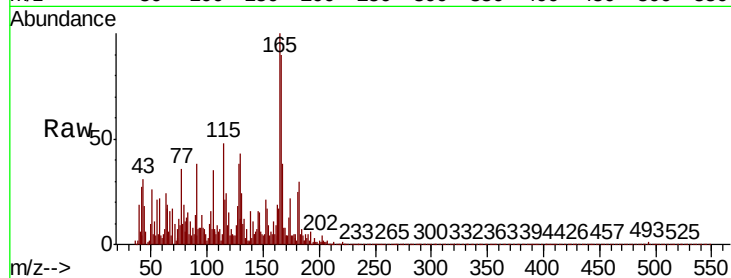




#63
Azobenzene
Concen: 0.023 ng
RT: 14.37 min Scan# 2088
Delta R.T. -0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

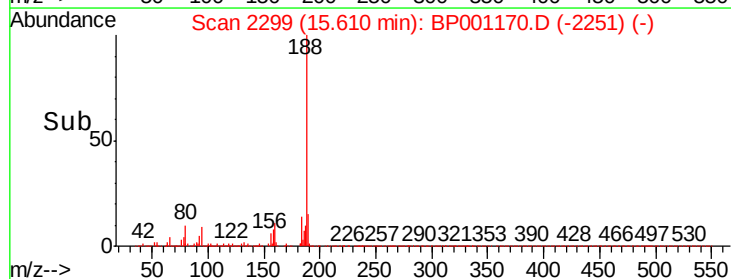
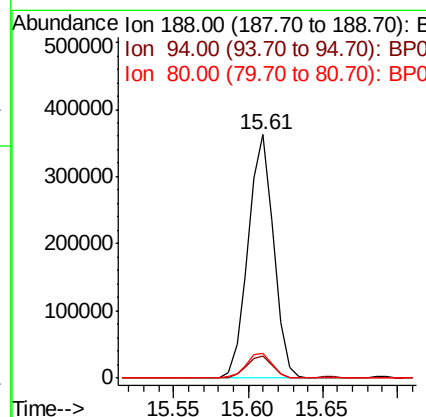
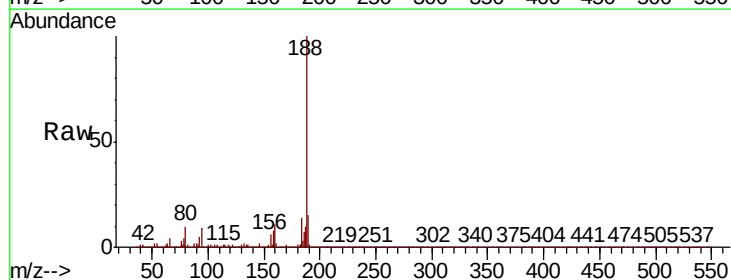
Instrument :
BNA_P
ClientSampleId :

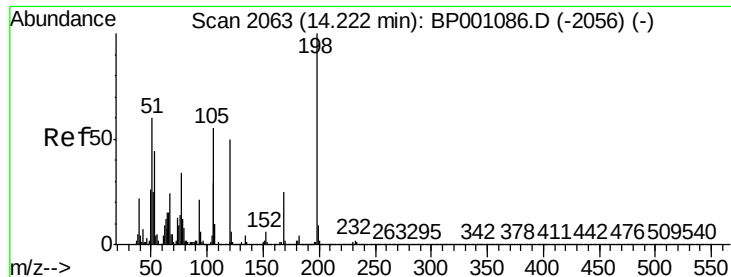
Tot Ion:	77	Resp:	421
Ion	Ratio	Lower	Upper
77	100		
182	83.1	0.8	40.8#
105	96.9	0.3	40.3#
51	73.2	9.6	49.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:	188	Resp:	425018
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.3	8.8	13.2

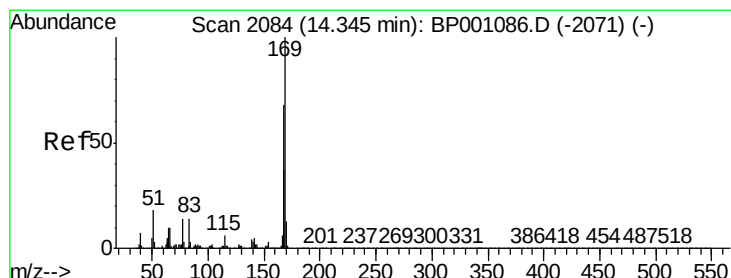
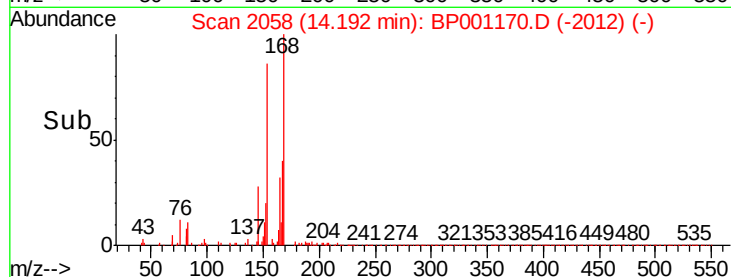
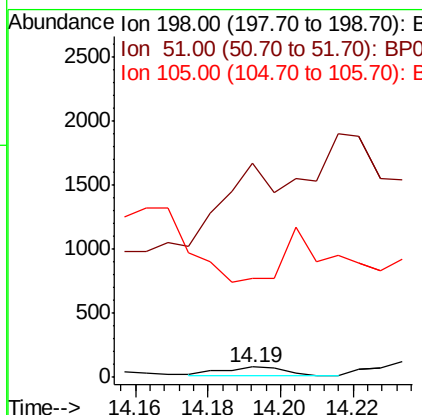
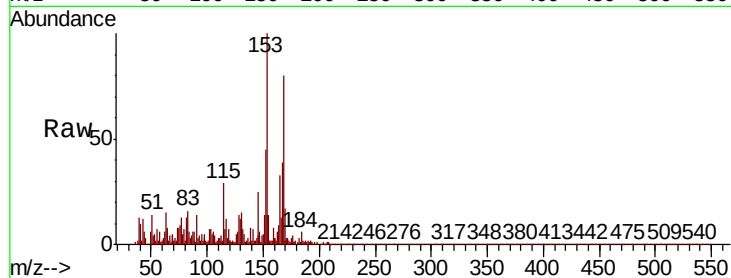




#65
4,6-Dinitro-2-methylphenol
Concen: 6.317 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.03 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

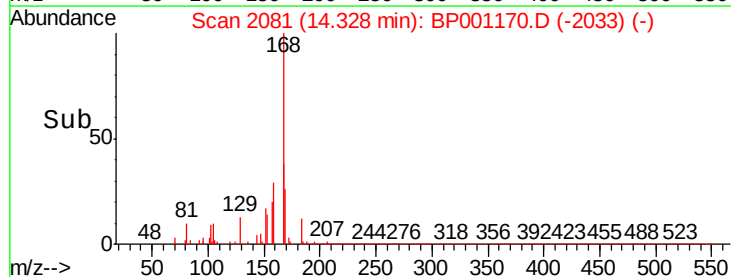
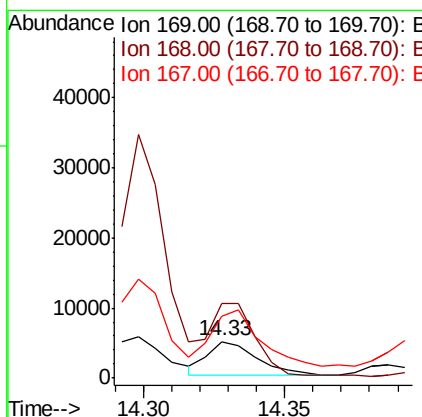
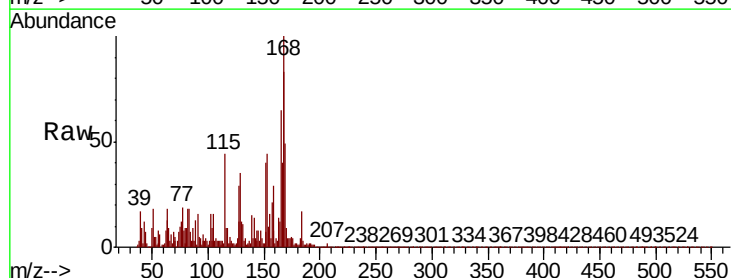
Instrument :
BNA_P
ClientSampleId :

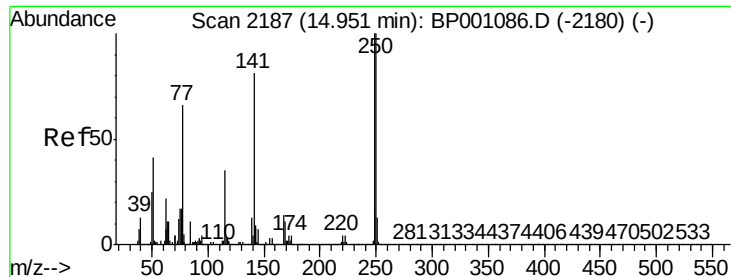
Tot Ion:198 Resp: 86
Ion Ratio Lower Upper
198 100
51 2115.2 40.5 80.5#
105 981.0 35.7 75.7#



#66
n-Nitrosodiphenylamine
Concen: 0.460 ng
RT: 14.33 min Scan# 2081
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:169 Resp: 5938
Ion Ratio Lower Upper
169 100
168 205.6 54.1 81.1#
167 171.6 29.5 44.3#

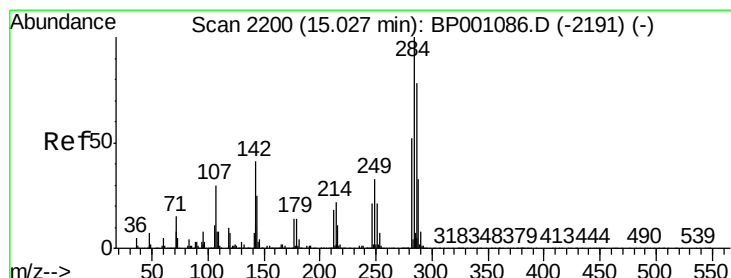
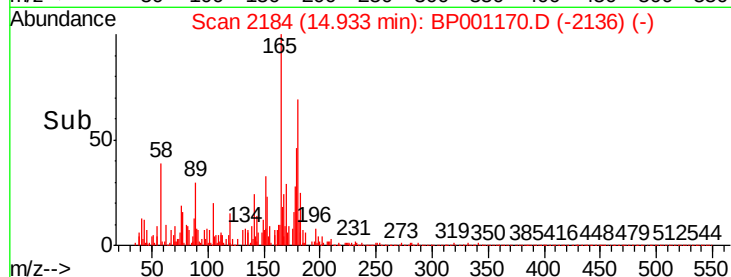
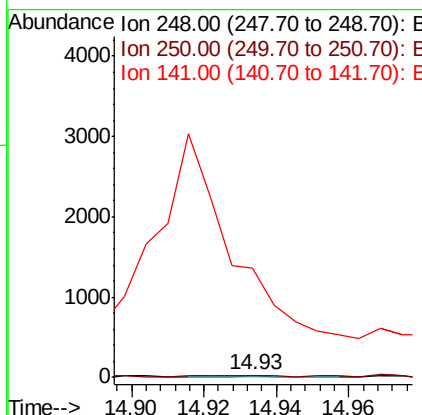
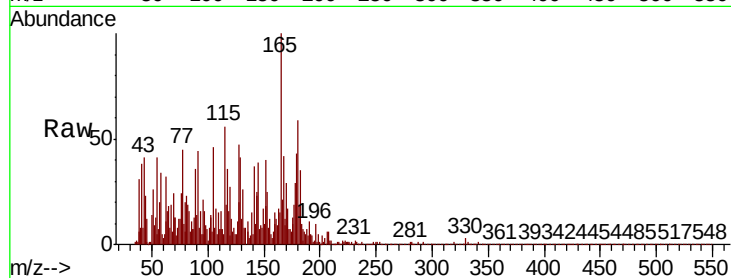




#67
4-Bromophenyl-phenylether
Concen: 0.005 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

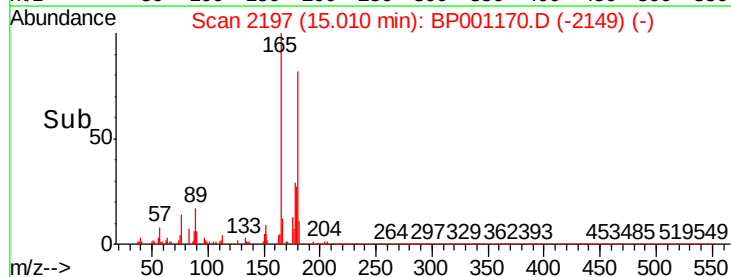
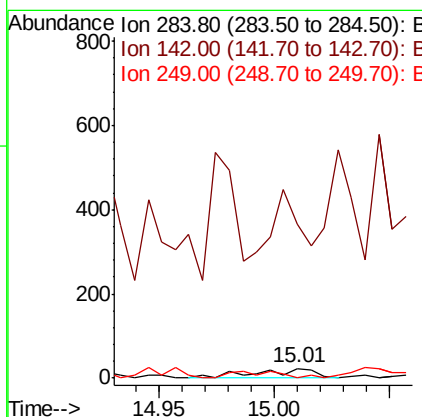
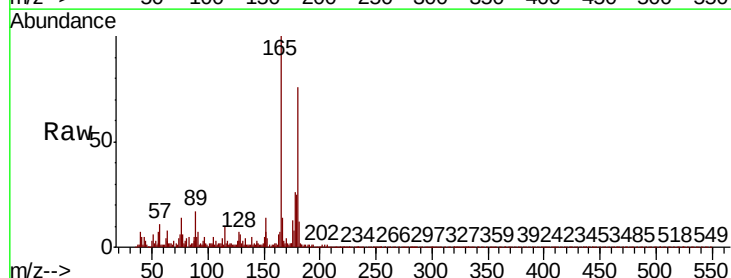
Instrument :
BNA_P
ClientSampleId :

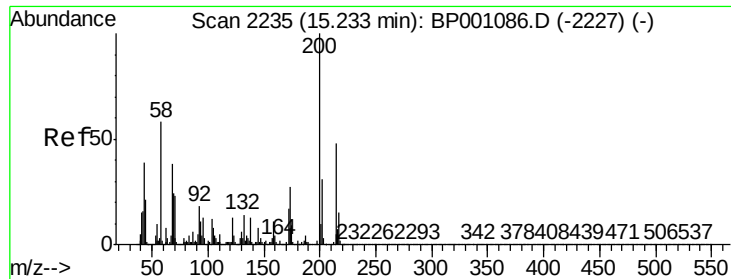
Tot Ion:248 Resp: 22
Ion Ratio Lower Upper
248 100
250 111.5 80.3 120.5
141 5257.7 64.9 97.3#



#68
Hexachlorobenzene
Concen: 0.008 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:284 Resp: 40
Ion Ratio Lower Upper
284 100
142 1525.0 33.2 49.8#
249 0.0 26.2 39.4#

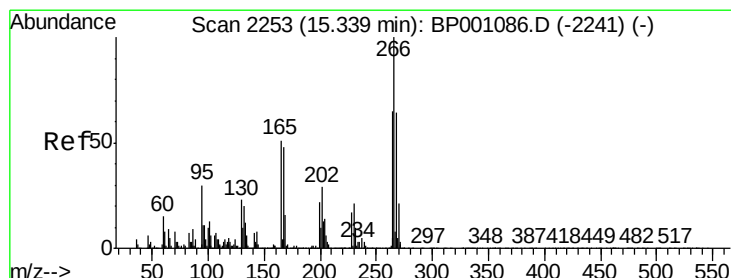
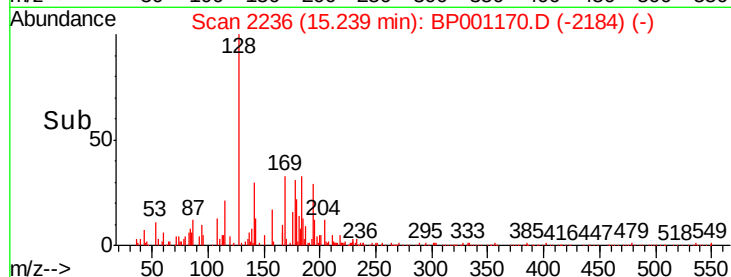
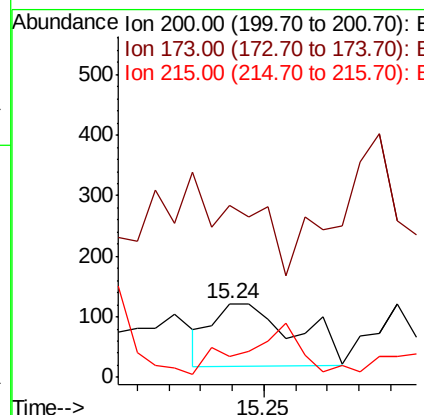
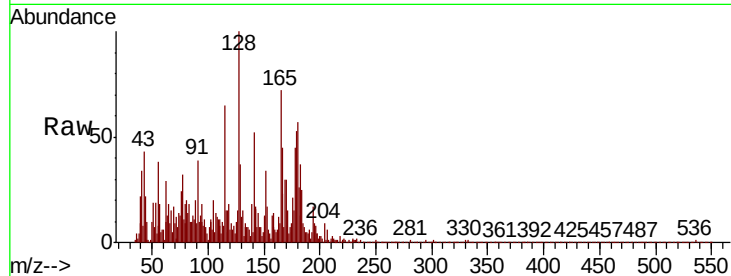




#69
Atrazine
Concen: 0.048 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

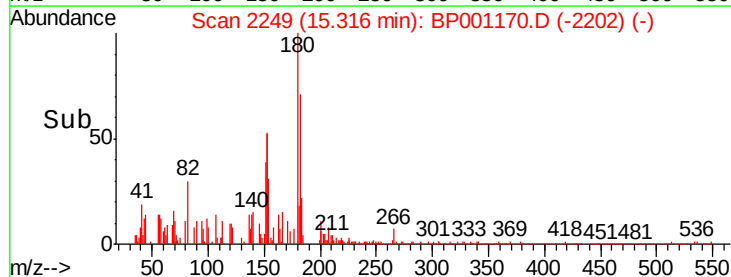
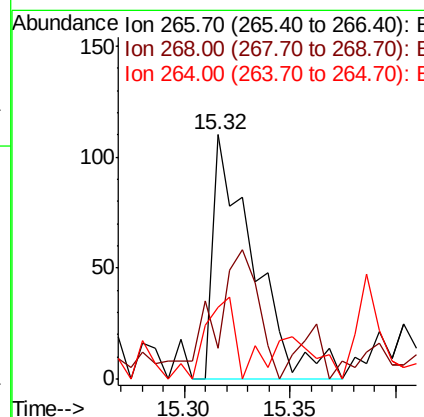
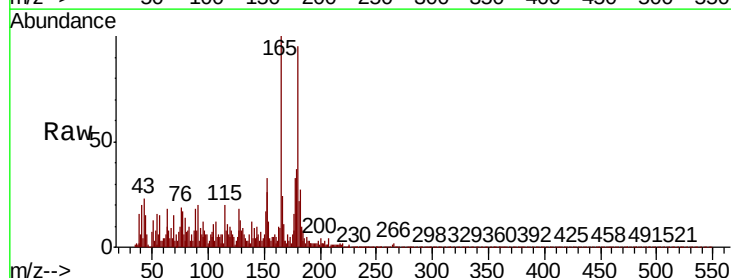
Instrument :
BNA_P
ClientSampled :

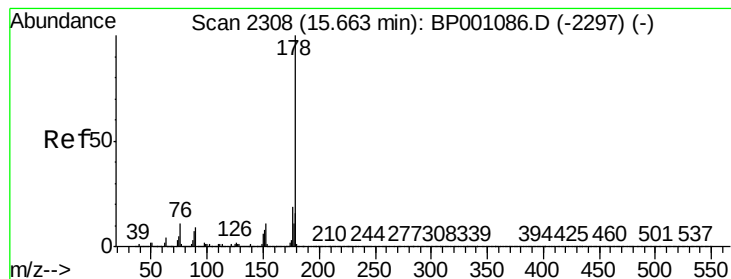
Tot Ion:200 Resp: 189
Ion Ratio Lower Upper
200 100
173 233.6 6.7 46.7#
215 28.7 27.9 67.9



#70
Pentachlorophenol
Concen: 0.056 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:266 Resp: 148
Ion Ratio Lower Upper
266 100
268 12.7 51.6 77.4#
264 29.1 52.2 78.4#





#71

Phenanthrene

Concen: 38.506 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampled :

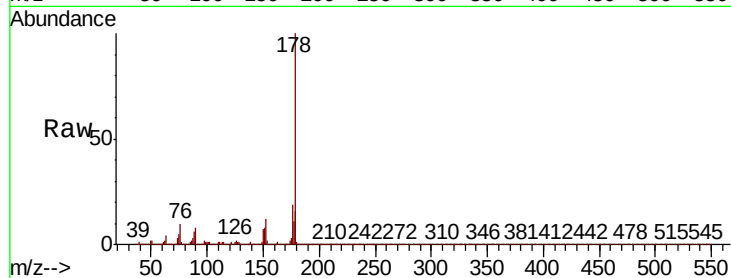
Tot Ion:178 Resp: 860411

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

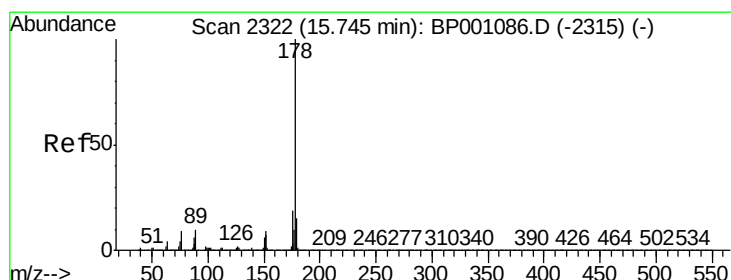
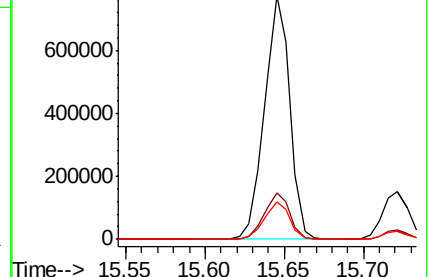
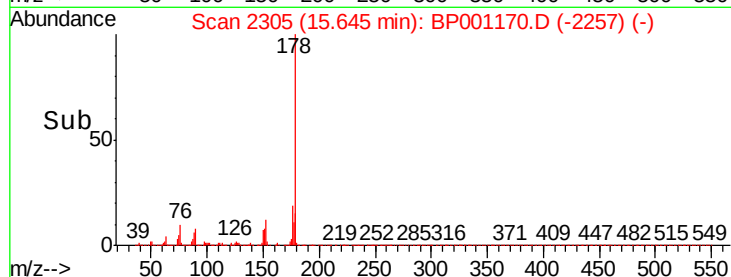
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 7.903 ng

RT: 15.72 min Scan# 2318

Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

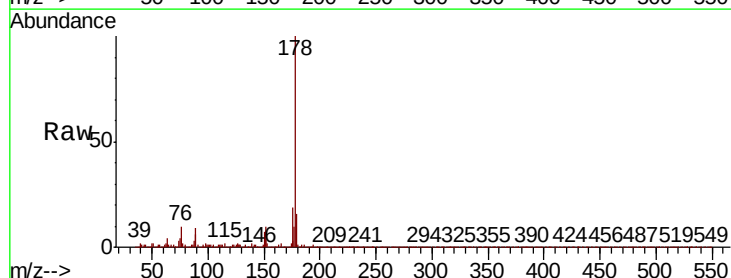
Tgt Ion:178 Resp: 174046

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

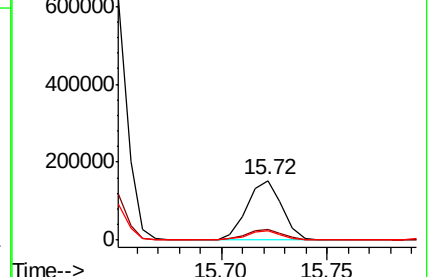
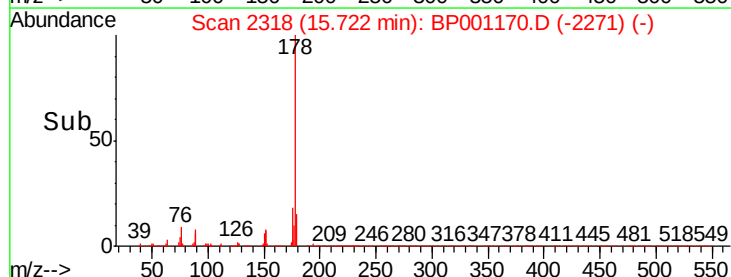
179 15.9 12.2 18.4

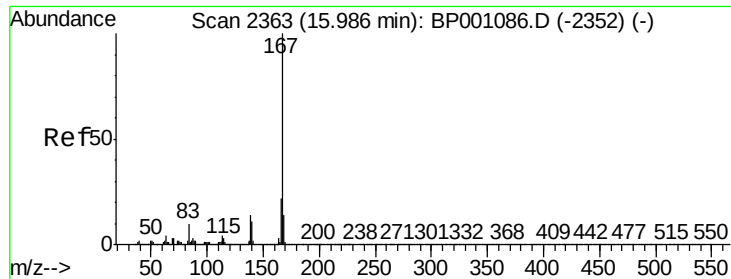


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

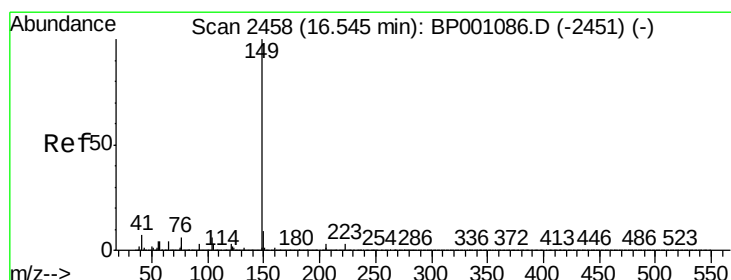
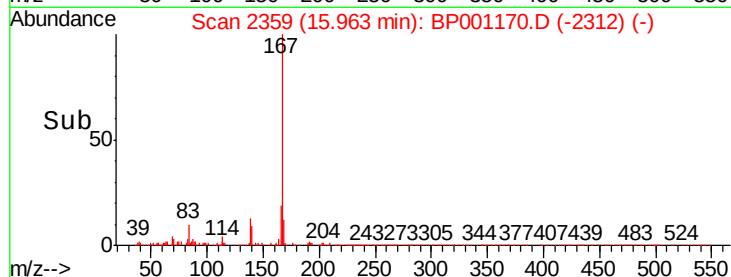
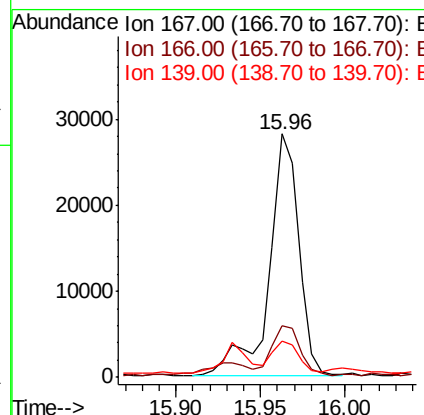
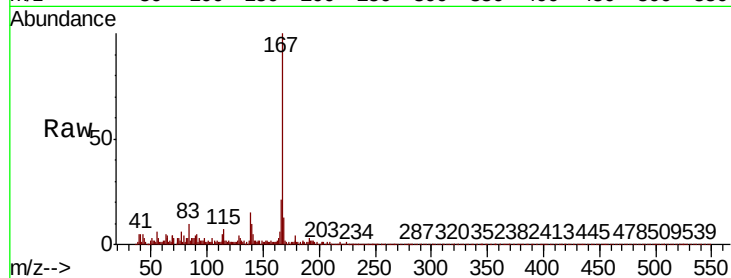




#73
 Carbazole
 Concen: 1.717 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.02 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

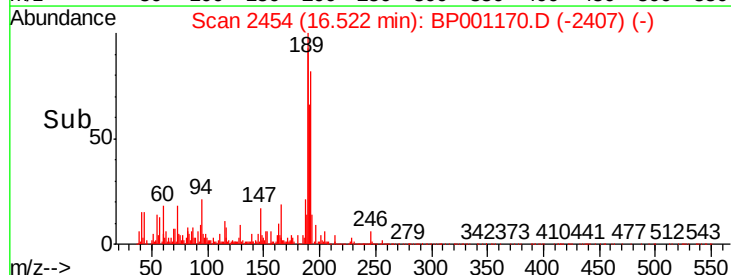
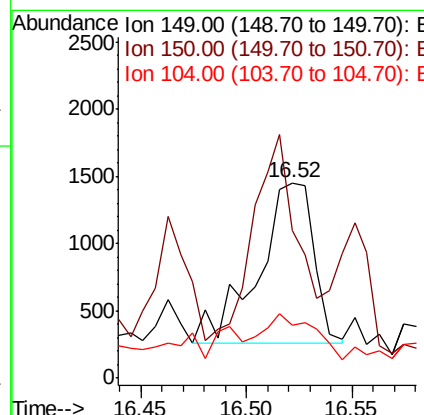
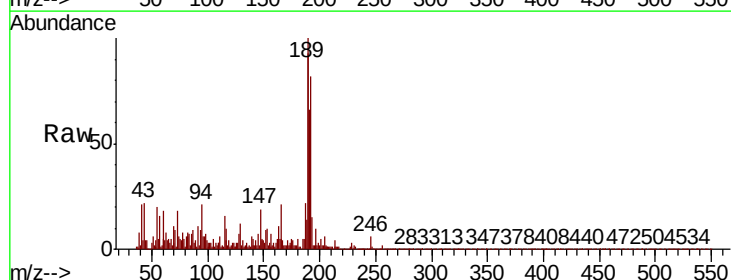
Instrument :
 BNA_P
 ClientSampleId :

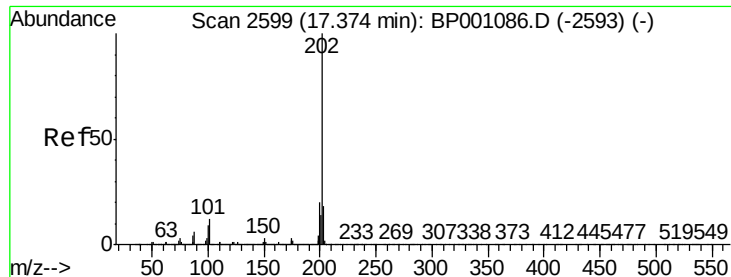
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	15.0	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 0.082 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. -0.02 min
 Lab File: BP001170.D
 Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	75.6	7.4	11.2#
104	26.8	4.6	6.8#





#75

Fluoranthene

Concen: 2.403 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

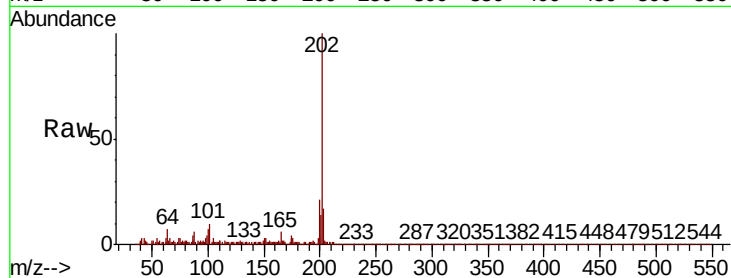
Tot Ion:202 Resp: 56842

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.1

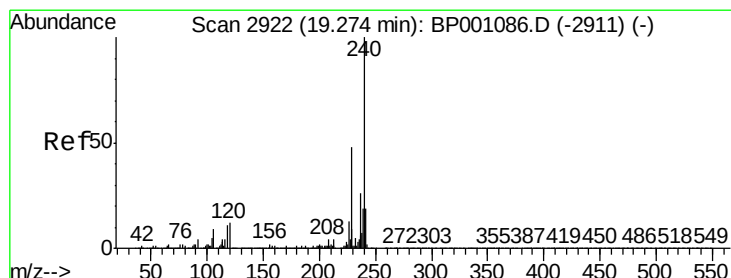
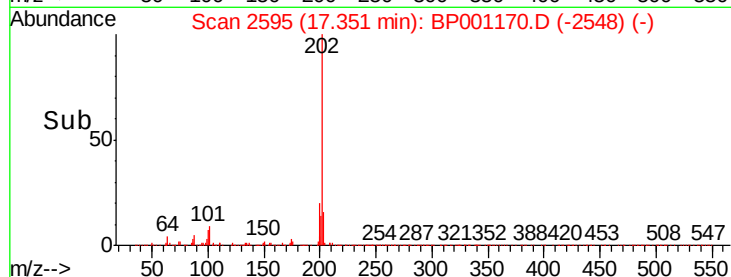
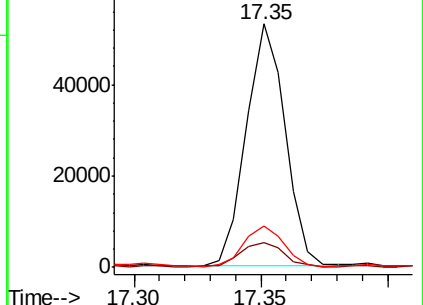
203 17.2 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2918

Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

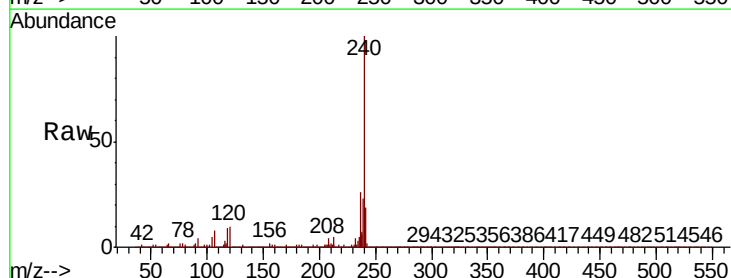
Tgt Ion:240 Resp: 347455

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

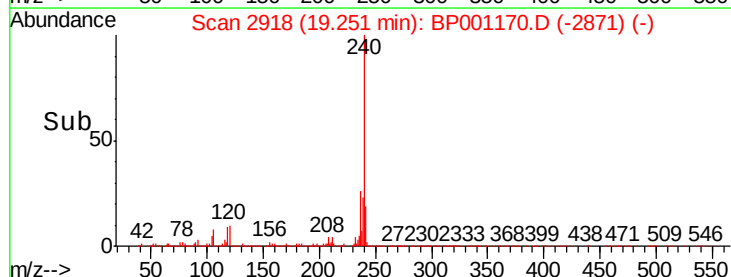
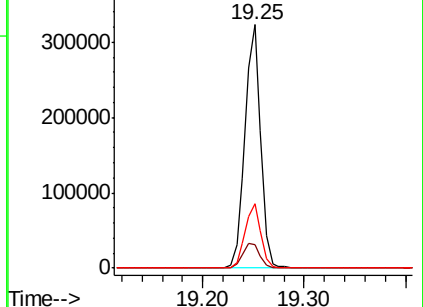
236 26.4 20.4 30.6

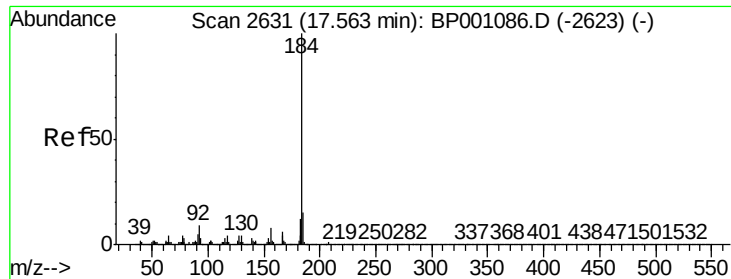


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

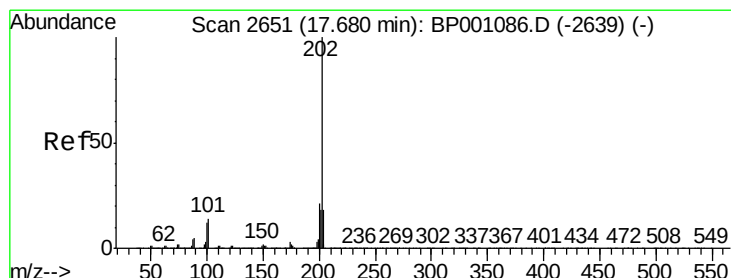
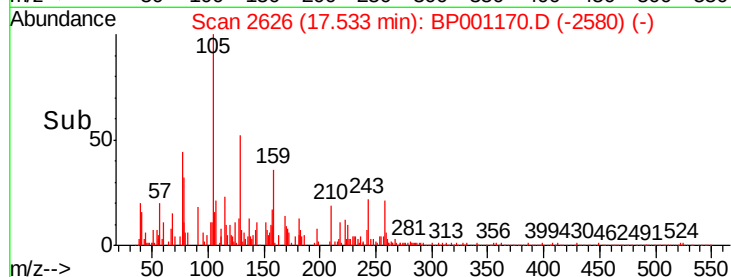
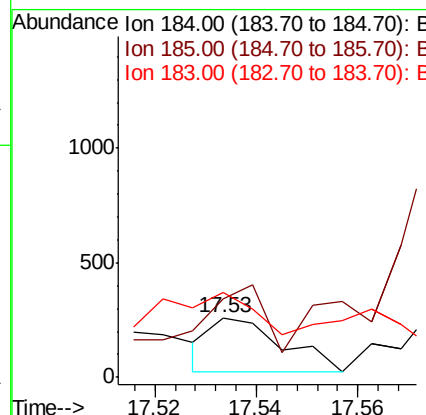
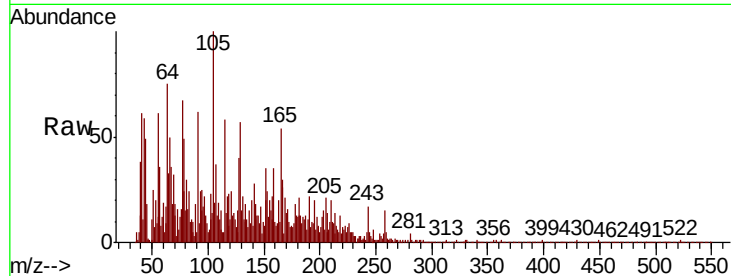




#77
Benzidine
Concen: 0.026 ng
RT: 17.53 min Scan# 2626
Delta R.T. -0.03 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

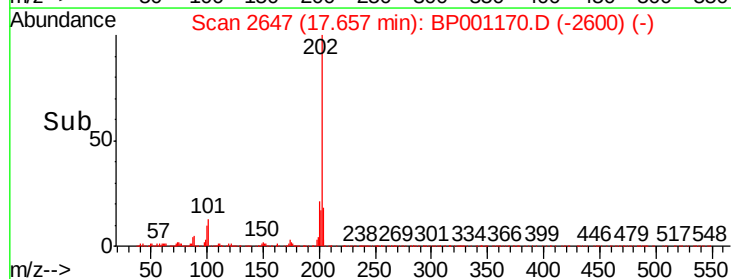
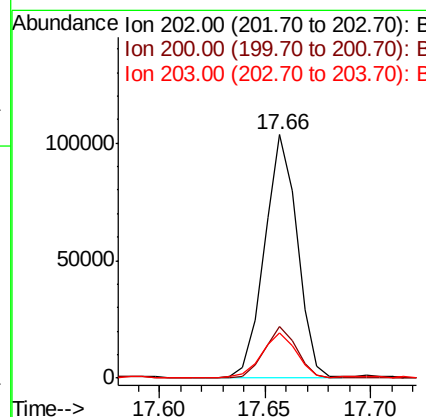
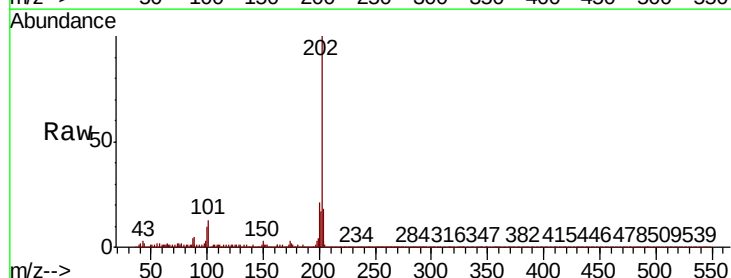
Instrument :
BNA_P
ClientSampleId :

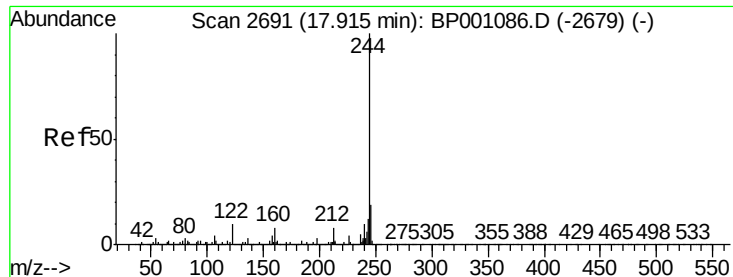
Tot Ion	Ratio	Lower	Upper
184	100		
185	131.8	12.2	18.4#
183	142.5	9.3	13.9#



#78
Pyrene
Concen: 4.055 ng
RT: 17.66 min Scan# 2647
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	18.4	14.1	21.1





#79

Terphenyl-d14

Concen: 77.598 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

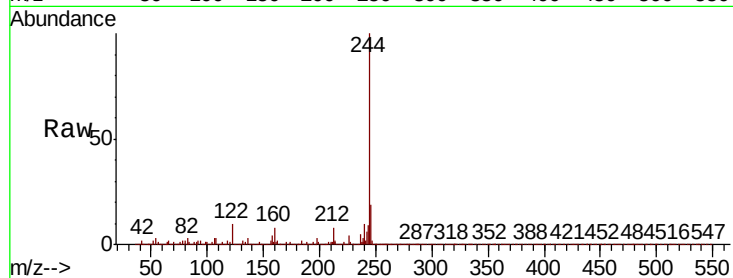
Tot Ion:244 Resp: 1457323

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

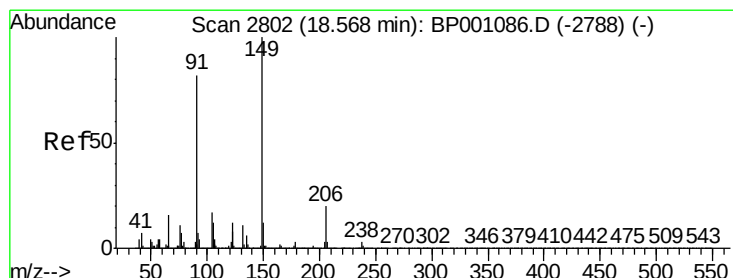
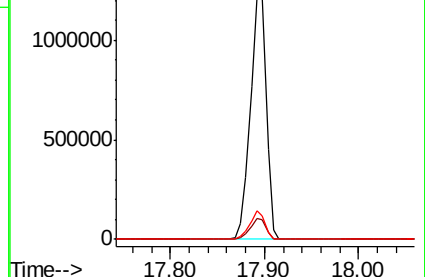
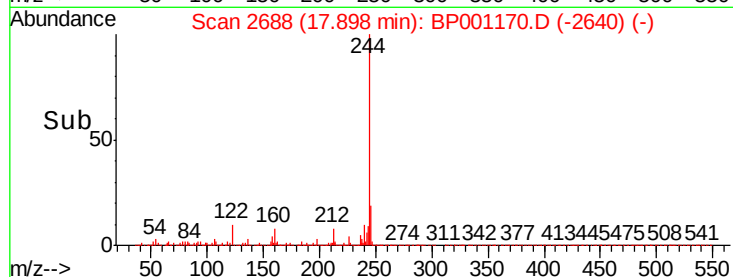
122 9.6 8.2 12.2



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: 0.012 ng

RT: 18.53 min Scan# 2795

Delta R.T. -0.04 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

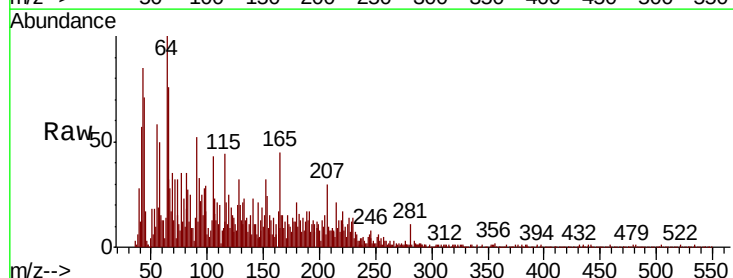
Tgt Ion:149 Resp: 149

Ion Ratio Lower Upper

149 100

91 266.7 65.4 98.2#

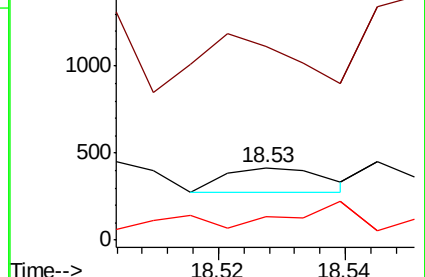
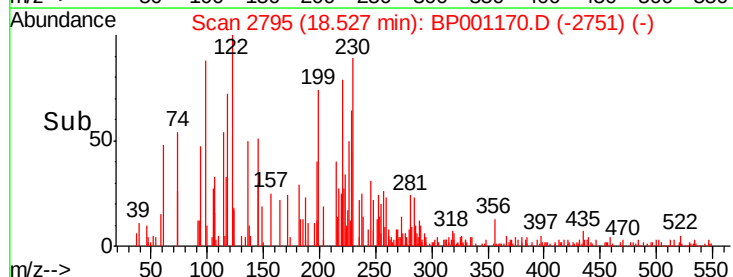
206 32.1 16.0 24.0#

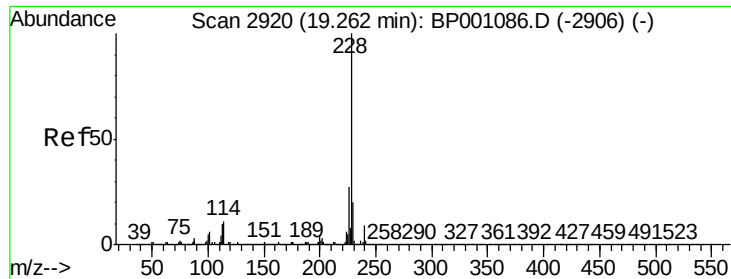


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

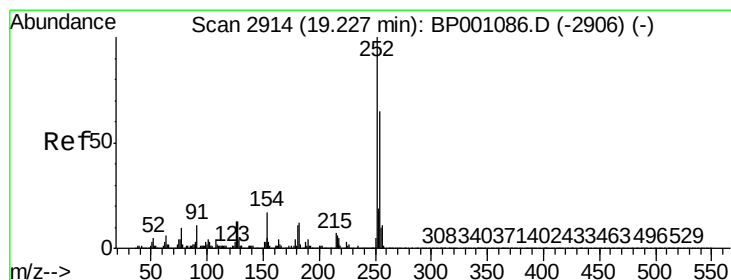
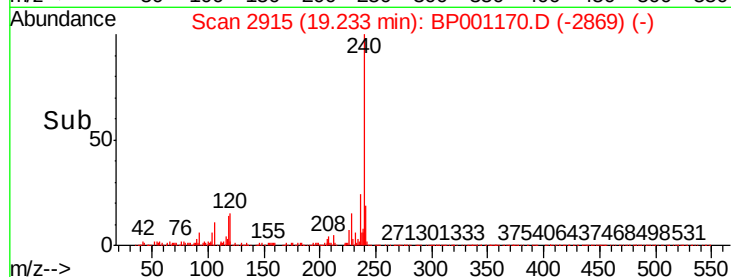
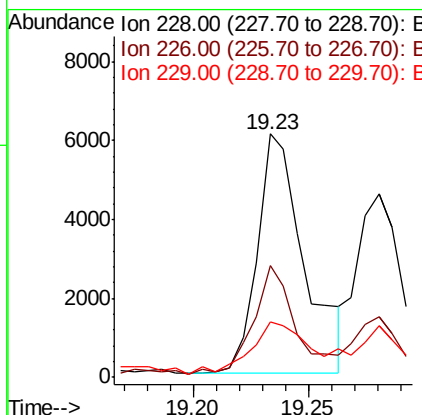
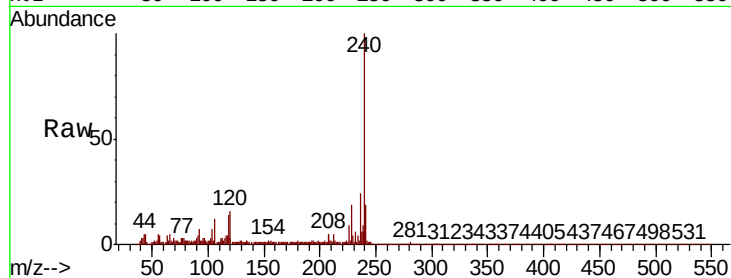




#81
Benzo(a)anthracene
Concen: 0.357 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.03 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

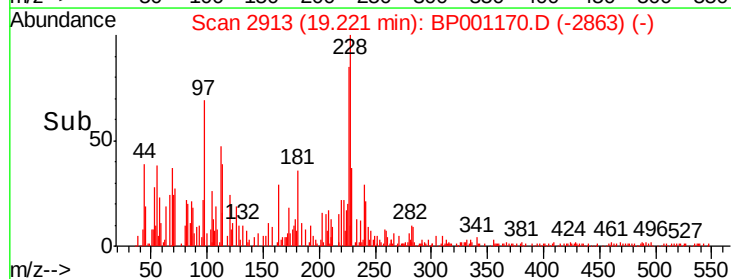
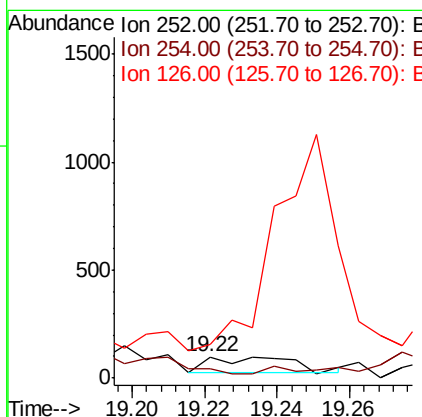
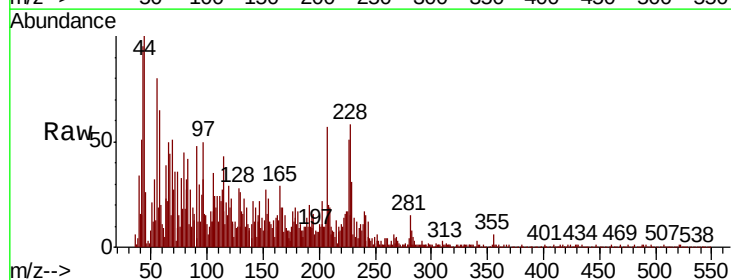
Instrument :
BNA_P
ClientSampled :

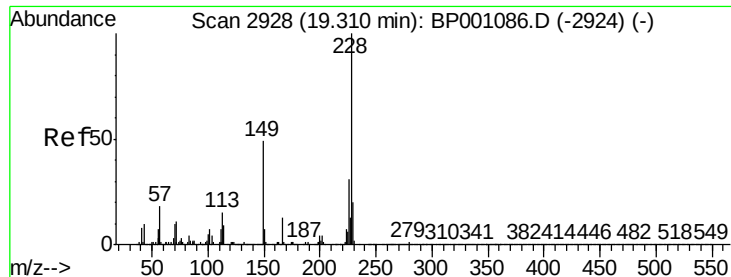
Tot Ion	Ratio	Lower	Upper
228	100		
226	45.9	21.8	32.6#
229	22.7	15.8	23.6



#82
3,3'-Dichlorobenzidine
Concen: 0.014 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	100.0	51.7	77.5#
126	160.2	10.2	15.4#

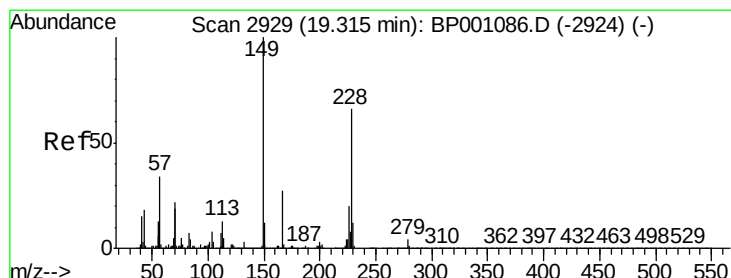
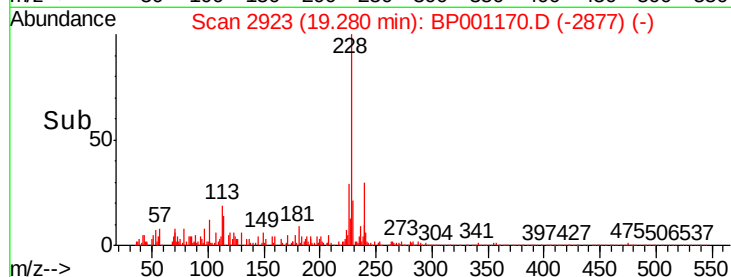
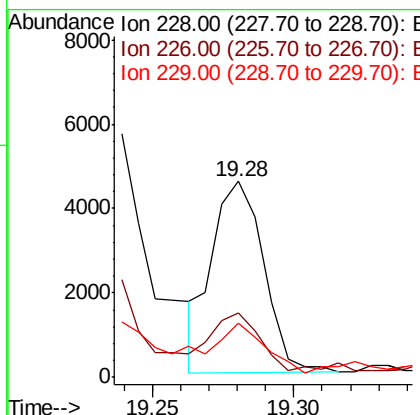
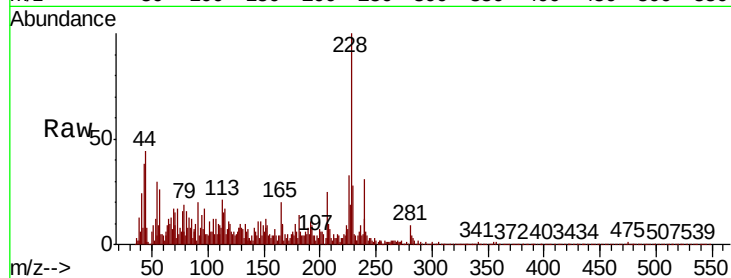




#83
Chrysene
Concen: 0.267 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.03 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

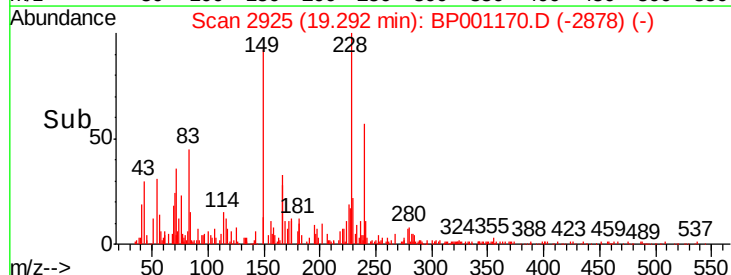
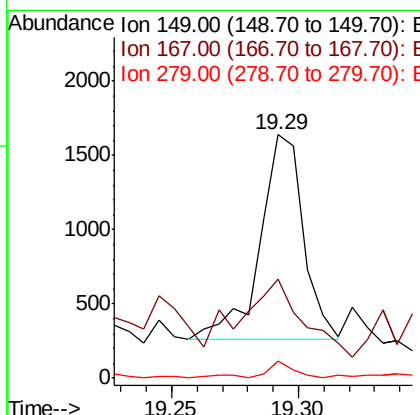
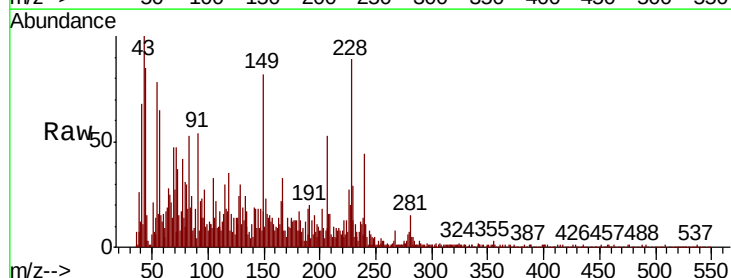
Instrument :
BNA_P
ClientSampled :

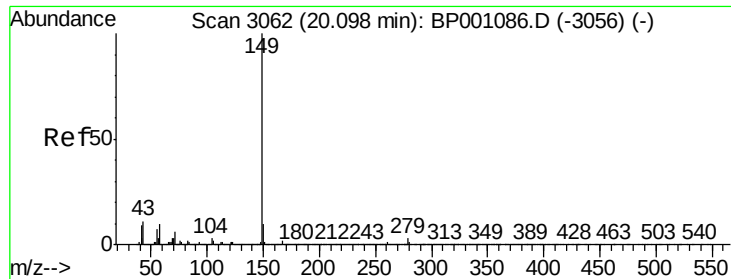
Tot Ion:228 Resp: 5766
Ion Ratio Lower Upper
228 100
226 32.9 24.4 36.6
229 27.9 15.7 23.5#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.02 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:149 Resp: 1656
Ion Ratio Lower Upper
149 100
167 40.6 21.3 31.9#
279 7.0 2.8 4.2#

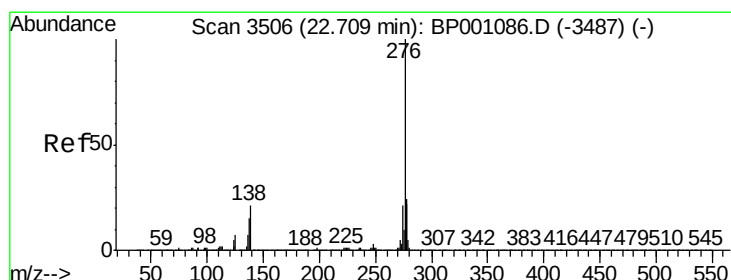
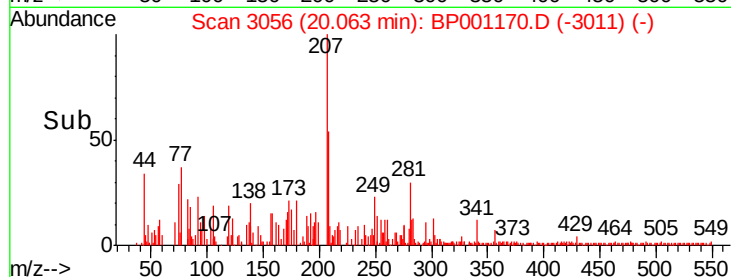
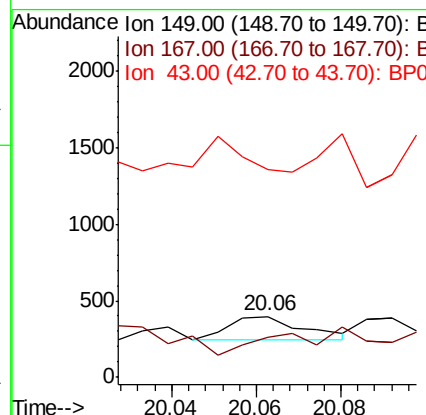
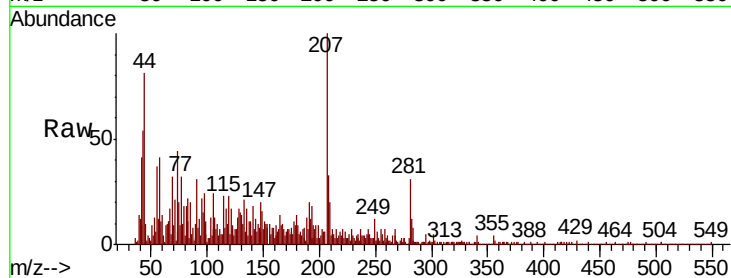




#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 20.06 min Scan# 3056
Delta R.T. -0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

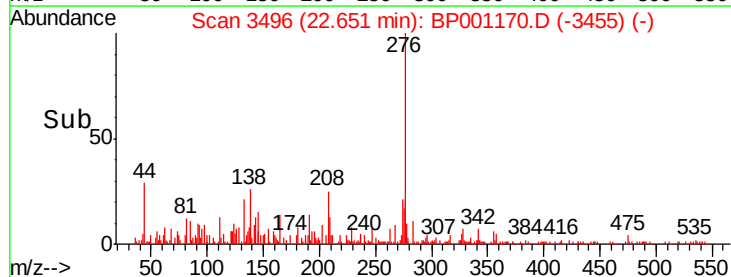
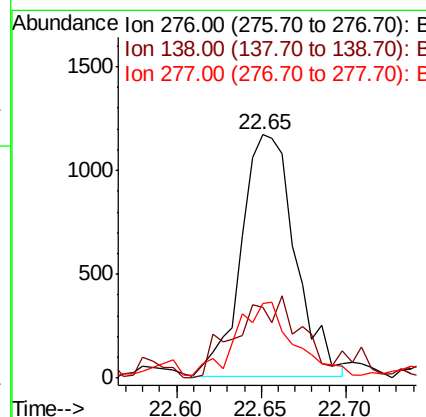
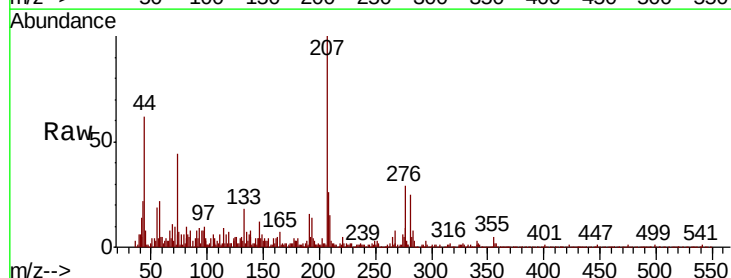
Instrument :
BNA_P
ClientSampleId :

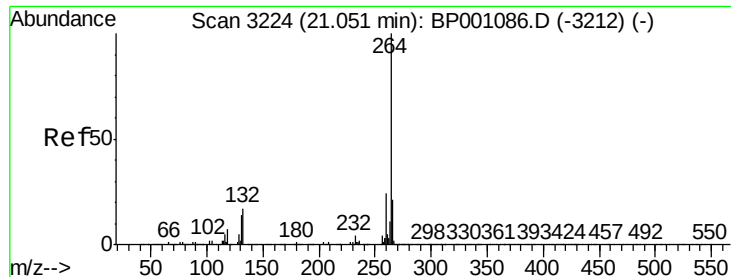
Tot Ion:149 Resp: 177
Ion Ratio Lower Upper
149 100
167 75.1 1.2 1.8#
43 0.0 8.5 12.7#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng
RT: 22.65 min Scan# 3496
Delta R.T. -0.06 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion:276 Resp: 2584
Ion Ratio Lower Upper
276 100
138 39.7 20.6 30.8#
277 32.7 20.0 30.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

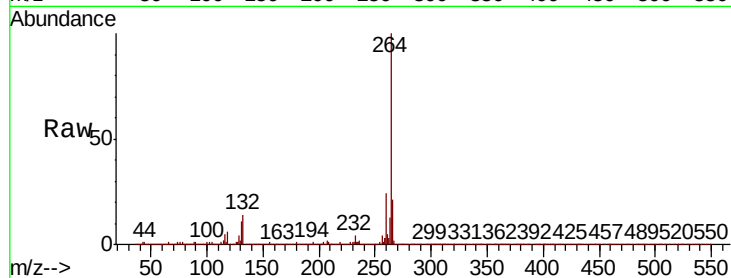
Tot Ion:264 Resp: 365813

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

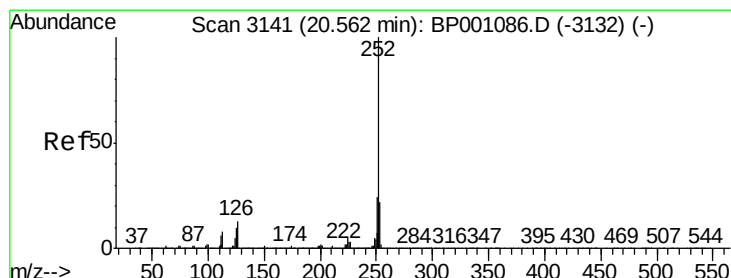
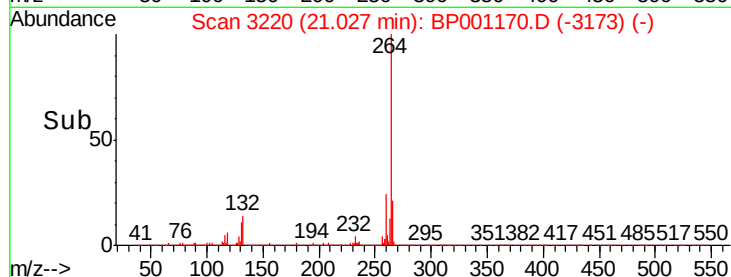
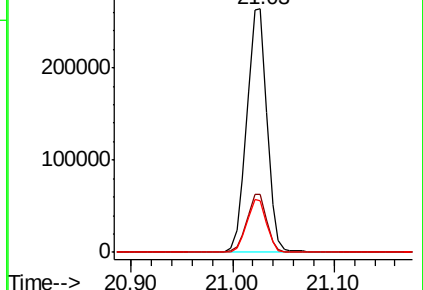
265 21.1 16.9 25.3



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: 0.143 ng

RT: 20.53 min Scan# 3136

Delta R.T. -0.03 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

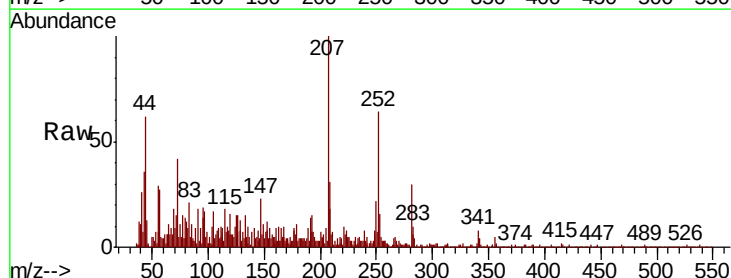
Tgt Ion:252 Resp: 3206

Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

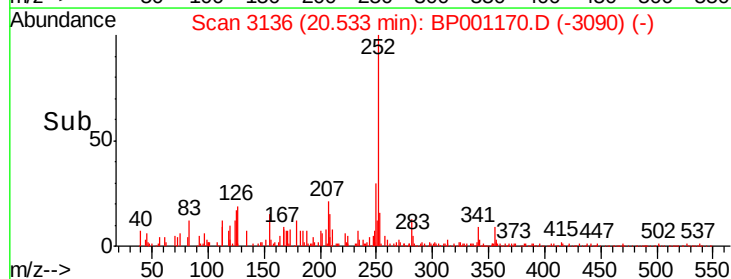
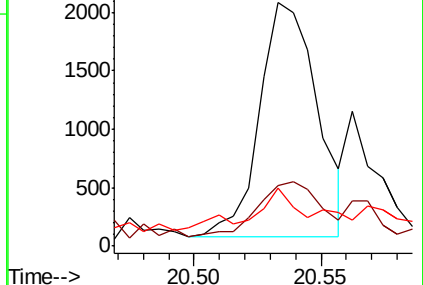
125 23.7 8.1 12.1#

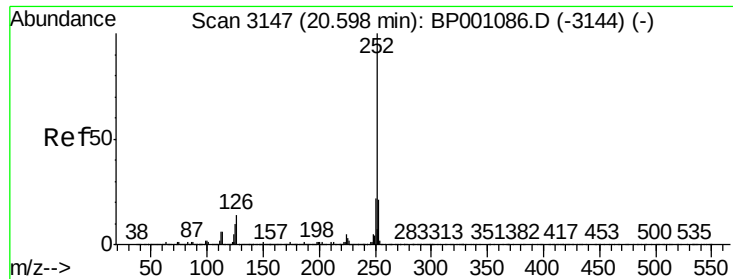


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

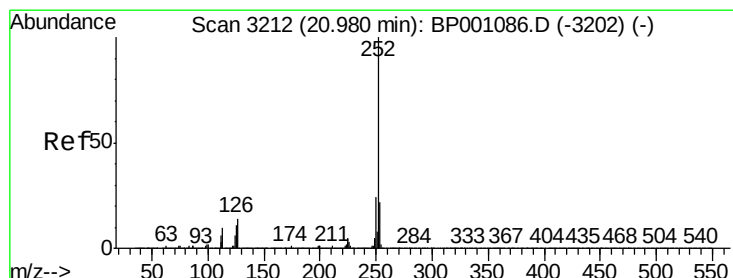
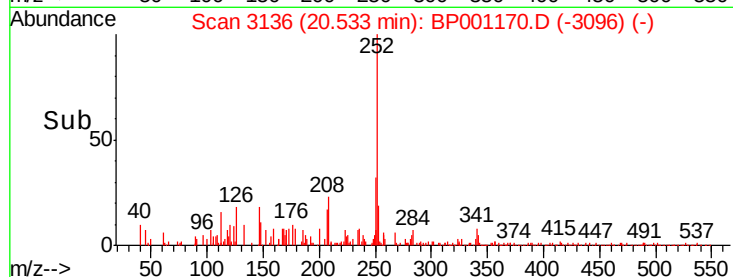
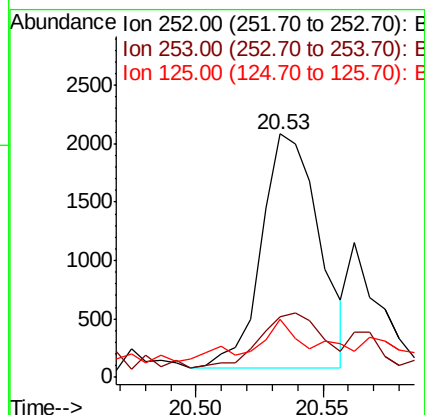
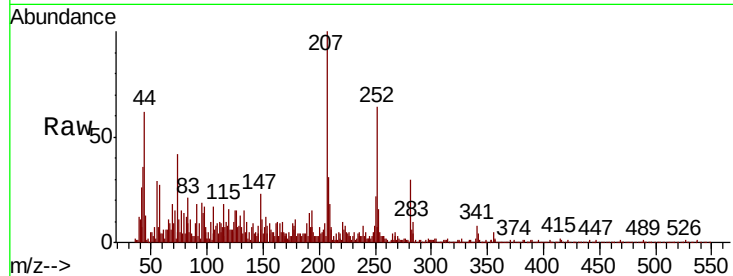




#89
Benzo(k)fluoranthene
Concen: 0.149 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.06 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

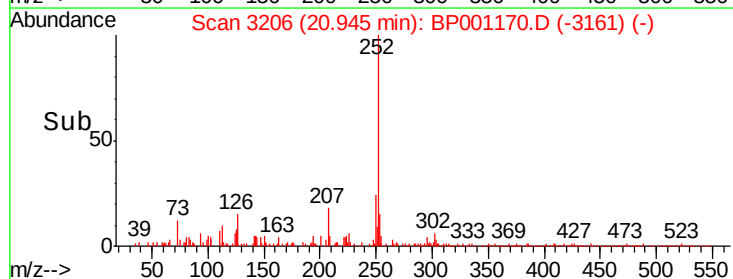
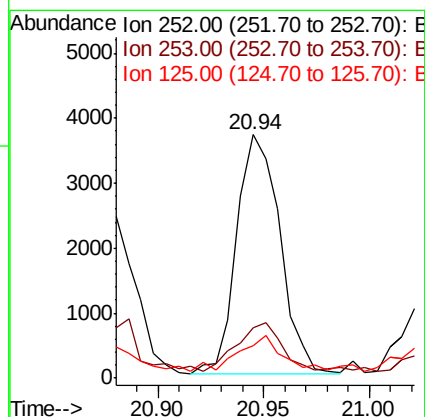
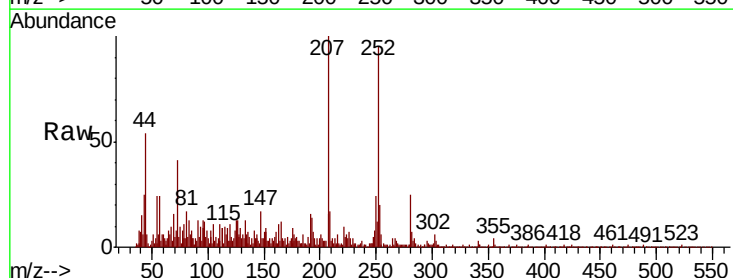
Instrument :
BNA_P
ClientSampleId :

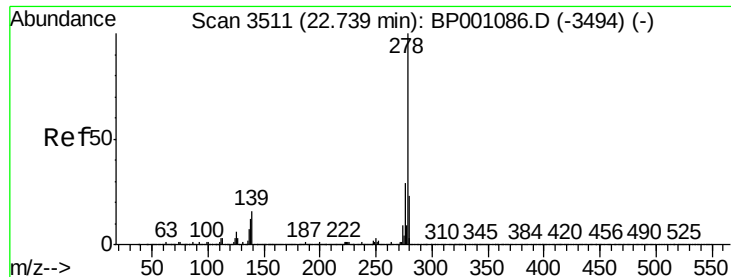
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	23.7	8.2	12.2



#90
Benzo(a)pyrene
Concen: 0.253 ng
RT: 20.94 min Scan# 3206
Delta R.T. -0.04 min
Lab File: BP001170.D
Acq: 03 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.4	26.0
125	13.5	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 22.73 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

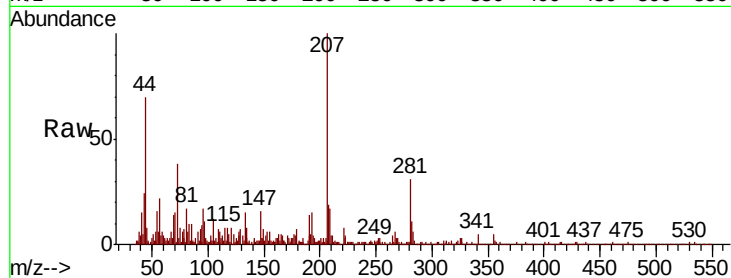
Tot Ion:278 Resp: 39

Ion Ratio Lower Upper

278 100

139 43.1 13.0 19.4#

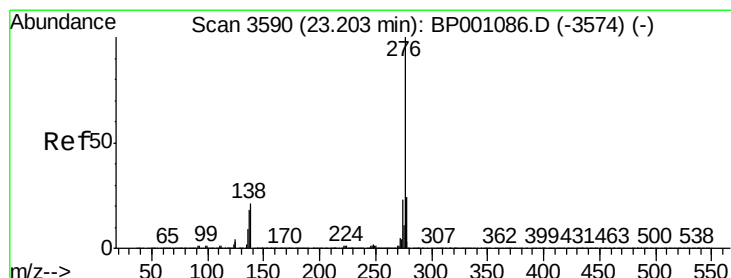
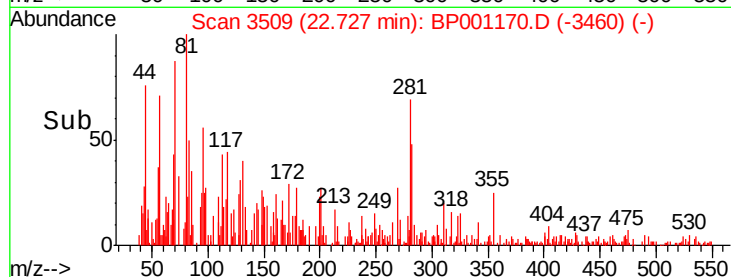
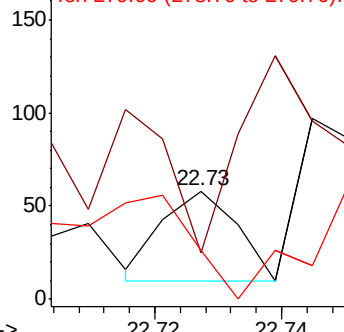
279 44.8 18.7 28.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.053 ng

RT: 23.40 min Scan# 3623

Delta R.T. 0.19 min

Lab File: BP001170.D

Acq: 03 Dec 2019 22:37

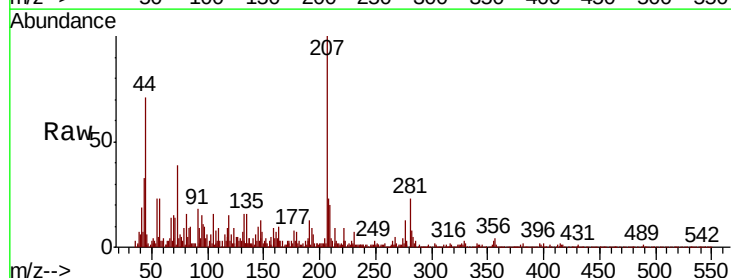
Tgt Ion:276 Resp: 1052

Ion Ratio Lower Upper

276 100

277 21.4 19.2 28.8

138 18.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

