

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001174.D
 Acq On : 04 Dec 2019 00:37
 Operator : JU
 Sample : K6069-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:51:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	116265	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	418360	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	236705	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	450144	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	354493	20.00	ng	-0.02
87) Perylene-d12	21.02	264	368432	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.22	112	676329	96.51	ng	0.00
7) Phenol-d6	7.76	99	584254	62.58	ng	-0.01
23) Nitrobenzene-d5	9.20	82	955329	99.07	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	363481	160.21	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1566322	96.85	ng	-0.02
79) Terphenyl-d14	17.90	244	1862062	97.18	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	13	0.004	ng	# 1
3) Pyridine	3.42	79	44	0.005	ng	# 66
4) n-Nitrosodimethylamine	3.32	42	126	0.032	ng	# 1
6) Aniline	7.78	93	1523	0.123	ng	# 1
8) 2-Chlorophenol	7.97	128	558	0.077	ng	# 1
9) Benzaldehyde	7.60	77	467	Below Cal		# 78
10) Phenol	7.78	94	48480	4.565	ng	# 88
11) bis(2-Chloroethyl)ether	7.90	93	81	0.010	ng	# 63
12) 1,3-Dichlorobenzene	8.22	146	55	0.006	ng	# 95
13) 1,4-Dichlorobenzene	8.22	146	55	0.006	ng	# 91
14) 1,2-Dichlorobenzene	8.56	146	170	0.021	ng	# 1
15) Benzyl Alcohol	8.56	79	19231	2.509	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	8.82	45	254	0.019	ng	# 70
17) 2-Methylphenol	8.73	107	186	0.028	ng	# 80
18) Hexachloroethane	9.12	117	27	0.008	ng	# 17
19) n-Nitroso-di-n-propylamine	9.20	70	137631	20.430	ng	# 79
20) 3+4-Methylphenols	8.97	107	520	0.062	ng	# 80
22) Acetophenone	8.96	105	1339	0.109	ng	# 79
24) Nitrobenzene	9.20	77	3902	0.407	ng	# 42
25) Isophorone	9.61	82	708	0.041	ng	# 76
26) 2-Nitrophenol	9.73	139	55	0.016	ng	# 1
27) 2,4-Dimethylphenol	9.90	122	2883	0.518	ng	# 1
28) bis(2-Chloroethoxy)methane	9.99	93	27	0.002	ng	# 18
29) 2,4-Dichlorophenol	10.11	162	11	0.002	ng	# 1
30) 1,2,4-Trichlorobenzene	10.25	180	29	0.004	ng	# 26
31) Naphthalene	10.38	128	1519	0.071	ng	# 86
32) Benzoic acid	10.01	122	183	0.046	ng	# 40
33) 4-Chloroaniline	10.48	127	190	0.020	ng	# 49
34) Hexachlorobutadiene	10.61	225	13	0.003	ng	# 15
35) Caprolactam	11.00	113	3450	1.581	ng	# 76
36) 4-Chloro-3-methylphenol	11.28	107	271	0.036	ng	# 89
37) 2-Methylnaphthalene	11.51	142	696	0.048	ng	# 83
38) 1-Methylnaphthalene	11.67	142	423	0.031	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	91	0.012	ng	# 20

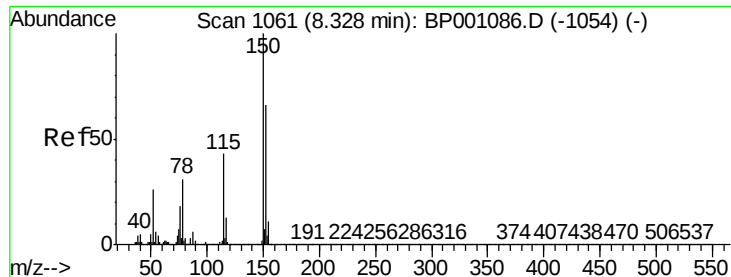
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.82	237	13	0.004	ng	81
43) 2,4,6-Trichlorophenol	12.21	196	20	0.004	ng	88
44) 2,4,5-Trichlorophenol	12.05	196	135	0.027	ng #	1
46) 1,1'-Biphenyl	12.28	154	4100	0.224	ng	93
47) 2-Chloronaphthalene	12.30	162	280	0.019	ng #	60
48) 2-Nitroaniline	12.46	65	454	0.079	ng #	35
49) Acenaphthylene	12.98	152	693	0.032	ng #	92
50) Dimethylphthalate	12.79	163	91410	5.163	ng	99
51) 2,6-Dinitrotoluene	12.88	165	8303	2.191	ng #	21
52) Acenaphthene	13.26	154	387	0.029	ng #	62
53) 3-Nitroaniline	13.17	138	58	0.014	ng #	39
54) 2,4-Dinitrophenol	13.31	184	16	7.118	ng #	1
55) Dibenzofuran	13.55	168	785	0.040	ng #	95
56) 4-Nitrophenol	13.45	139	137	0.045	ng #	31
57) 2,4-Dinitrotoluene	13.53	165	256	0.054	ng #	36
58) Fluorene	14.10	166	781	0.049	ng #	81
59) 2,3,4,6-Tetrachlorophenol	13.75	232	119	0.029	ng #	18
60) Diethylphthalate	13.96	149	3316	0.181	ng	95
61) 4-Chlorophenyl-phenylether	14.12	204	263	0.033	ng	94
62) 4-Nitroaniline	12.46	138	30	0.006	ng #	1
63) Azobenzene	14.29	77	311	0.016	ng	71
65) 4,6-Dinitro-2-methylphenol	14.30	198	84	6.314	ng #	1
66) n-Nitrosodiphenylamine	14.32	169	765	0.056	ng #	87
67) 4-Bromophenyl-phenylether	14.92	248	161	0.033	ng #	4
68) Hexachlorobenzene	15.01	284	167	0.031	ng #	35
69) Atrazine	15.21	200	145	0.035	ng #	50
70) Pentachlorophenol	15.53	266	10	0.004	ng	92
71) Phenanthrene	15.64	178	1958	0.083	ng #	94
72) Anthracene	15.72	178	869	0.037	ng #	82
73) Carbazole	15.97	167	1357	0.064	ng #	75
74) Di-n-butylphthalate	16.52	149	114812	4.023	ng	99
75) Fluoranthene	17.35	202	1328	0.053	ng	92
77) Benzidine	17.53	184	68	0.007	ng #	1
78) Pyrene	17.66	202	1520	0.054	ng #	82
80) Butylbenzylphthalate	18.54	149	1601	0.124	ng #	51
81) Benzo(a)anthracene	19.28	228	918	0.037	ng	91
82) 3,3'-Dichlorobenzidine	19.22	252	22	0.003	ng #	1
83) Chrysene	19.28	228	918	0.042	ng	95
84) Bis(2-ethylhexyl)phthalate	19.29	149	4805	0.271	ng	94
85) Di-n-octyl phthalate	20.07	149	1087	0.035	ng #	72
86) Indeno(1,2,3-cd)pyrene	22.64	276	633	0.024	ng	99
88) Benzo(b)fluoranthene	20.53	252	808	0.036	ng #	65
89) Benzo(k)fluoranthene	20.56	252	716	0.033	ng #	47
90) Benzo(a)pyrene	20.94	252	808	0.039	ng #	16
91) Dibenzo(a,h)anthracene	22.67	278	516	0.025	ng #	80
92) Benzo(g,h,i)perylene	23.21	276	26	0.001	ng #	1

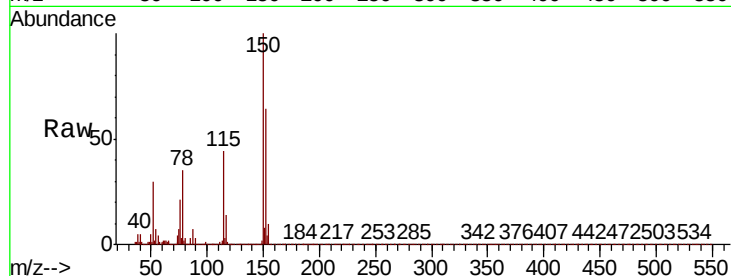
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BP001174.D
 Acq: 04 Dec 2019 00:37

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	120.6	181.0
115	67.9	51.6	77.4

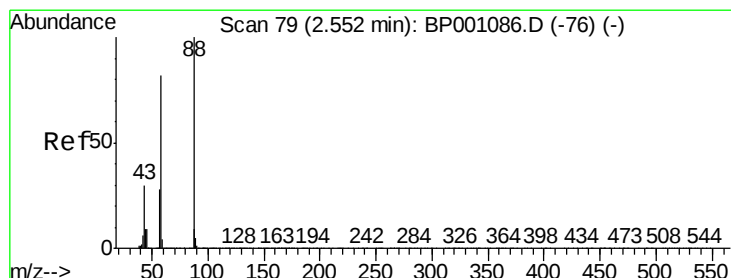
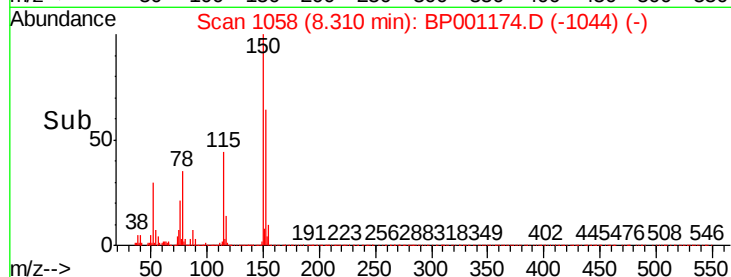
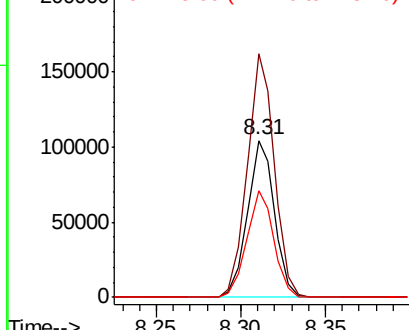


Abundance

Ion 152.00 (151.70 to 152.70): E

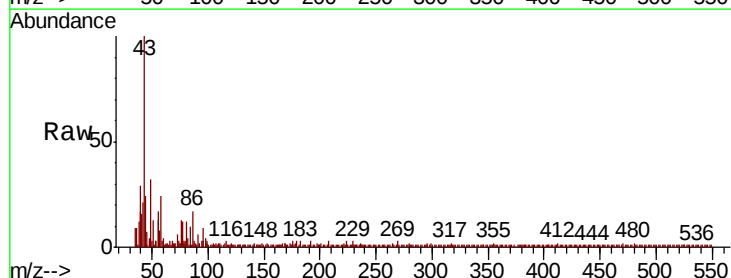
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 0.004 ng
 RT: 2.56 min Scan# 81
 Delta R.T. 0.01 min
 Lab File: BP001174.D
 Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	669.2	64.3	96.5#
43	0.0	23.8	35.6#

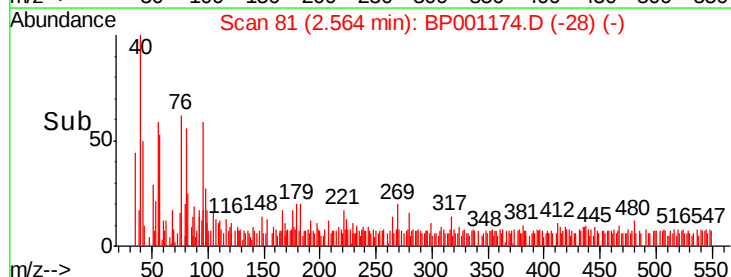
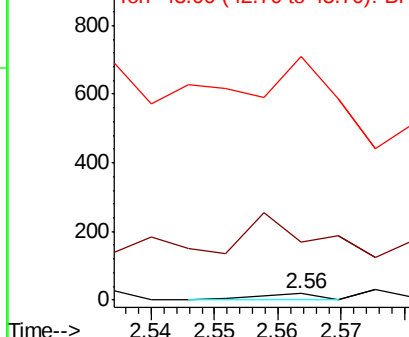


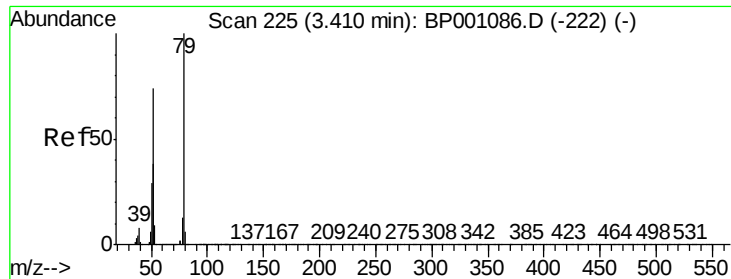
Abundance

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: 0.005 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

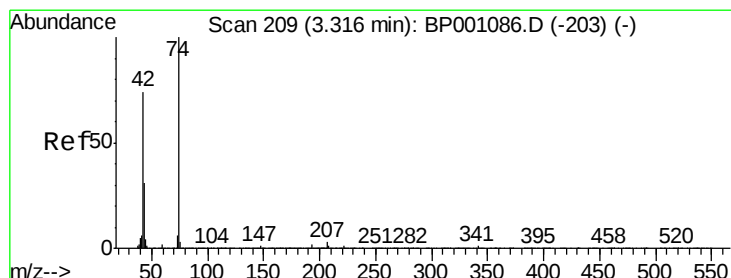
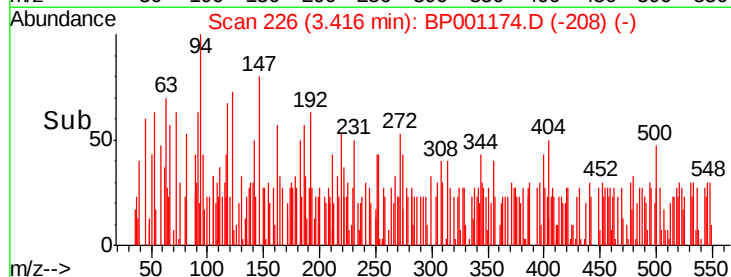
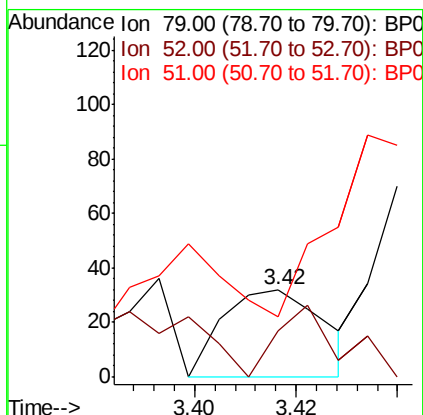
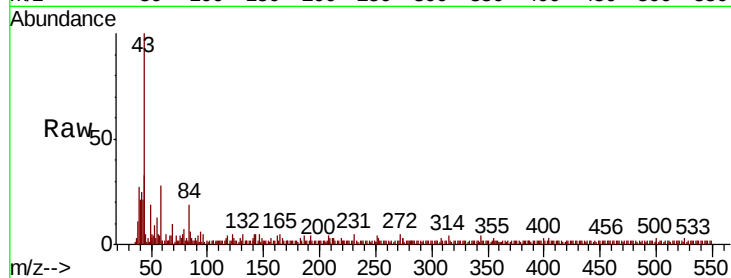
Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :
BNA_P
ClientSampled :

Tot Ion: 79 Resp: 44

Ion	Ratio	Lower	Upper
79	100		
52	53.1	59.4	89.2#
51	68.8	30.2	45.4#



#4

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.32 min Scan# 210

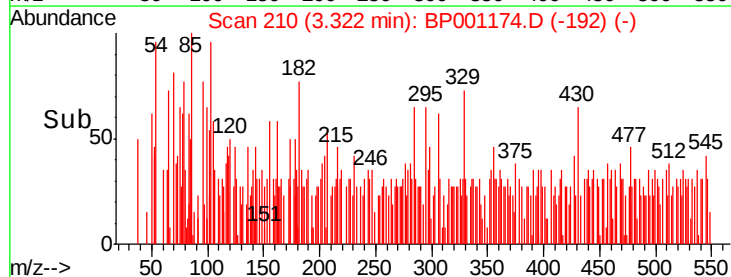
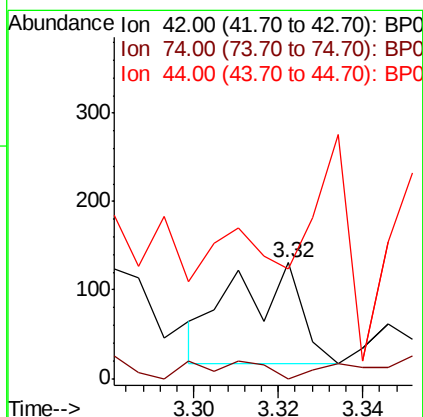
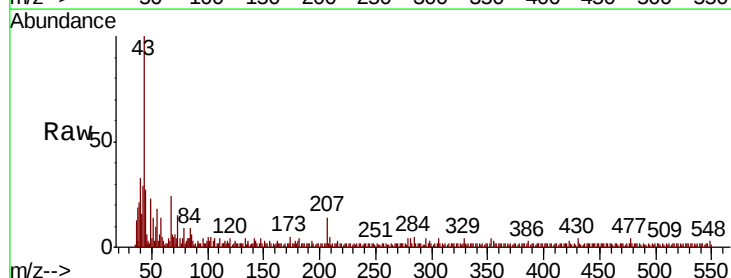
Delta R.T. 0.01 min

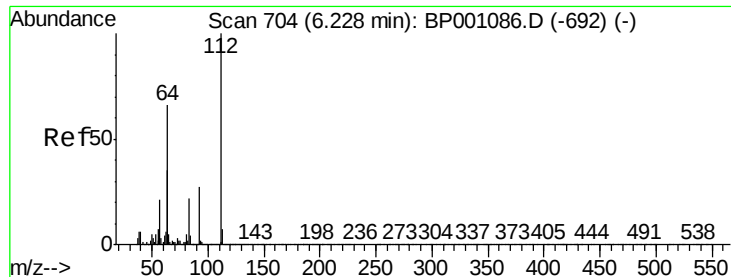
Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Tgt Ion: 42 Resp: 126

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	94.7	5.1	7.7#





#5

2-Fluorophenol

Concen: 96.511 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

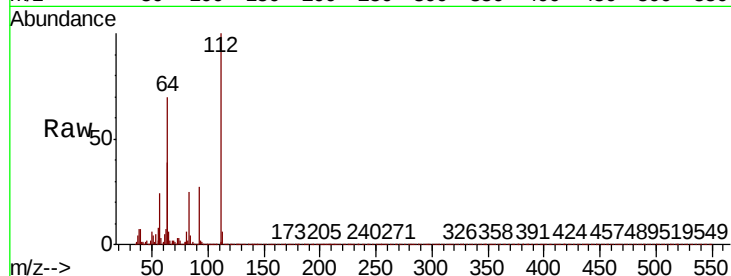
Tot Ion: 112 Resp: 676329

Ion Ratio Lower Upper

112 100

64 69.6 52.8 79.2

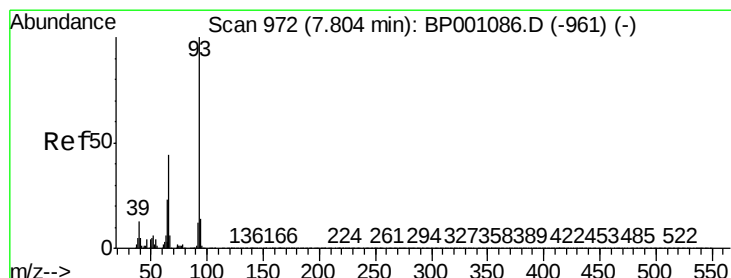
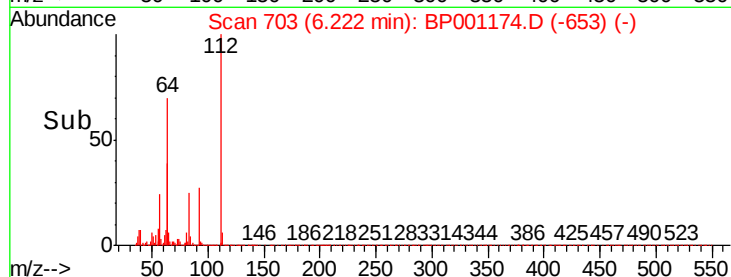
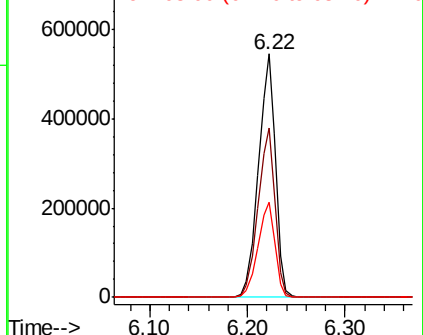
63 39.0 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.123 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.03 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

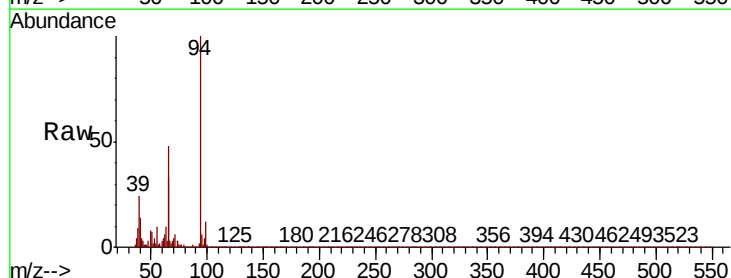
Tgt Ion: 93 Resp: 1523

Ion Ratio Lower Upper

93 100

66 2445.3 34.9 52.3#

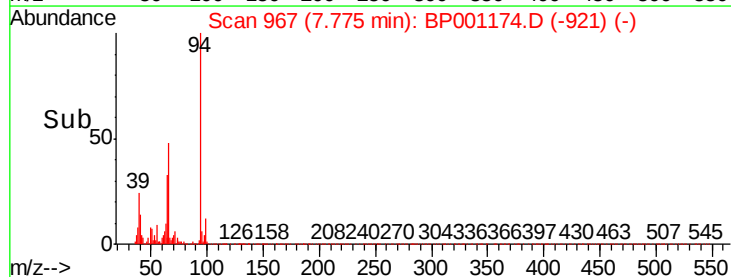
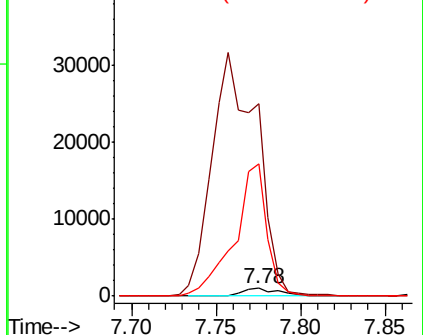
65 1674.9 18.5 27.7#



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 62.580 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

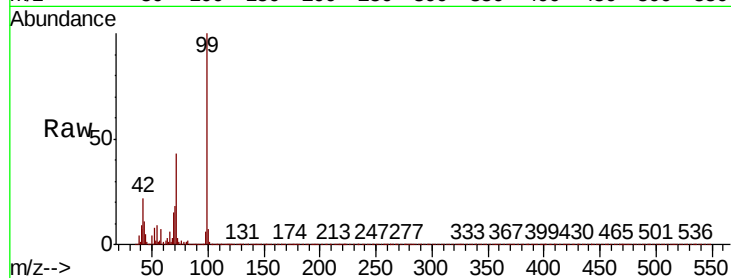
Tot Ion: 99 Resp: 584254

Ion Ratio Lower Upper

99 100

42 22.1 15.4 23.0

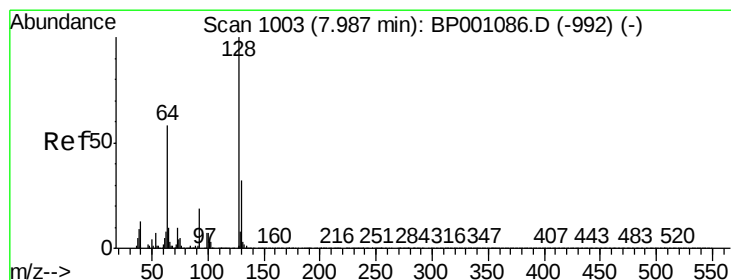
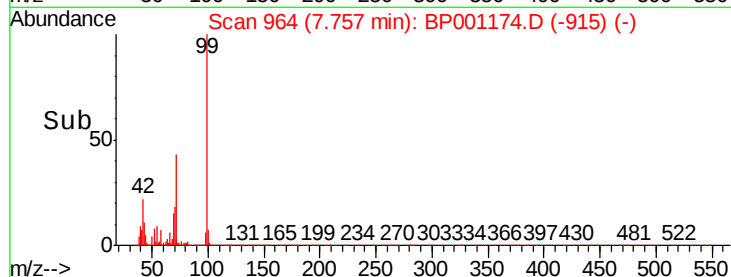
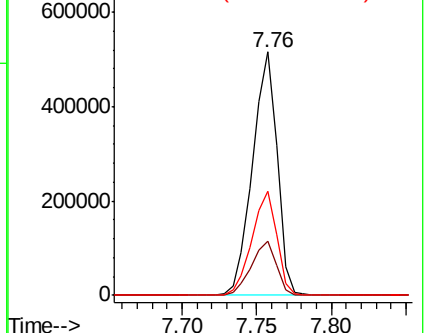
71 42.7 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 0.077 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

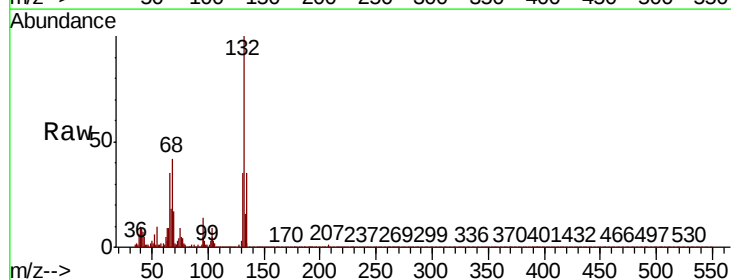
Tgt Ion: 128 Resp: 558

Ion Ratio Lower Upper

128 100

130 232.2 11.7 51.7#

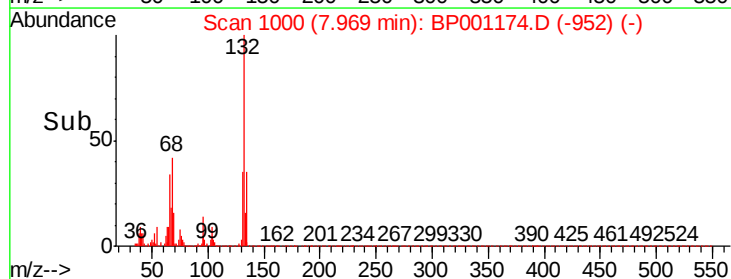
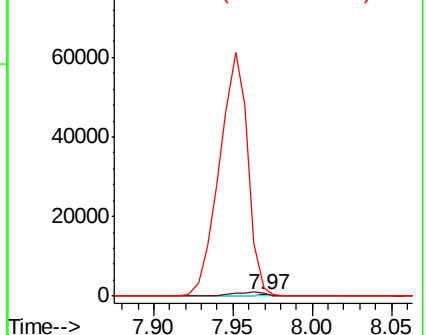
64 662.4 39.7 79.7#

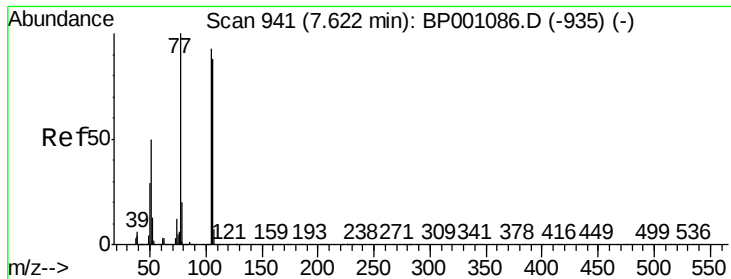


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: Below Cal

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampled :

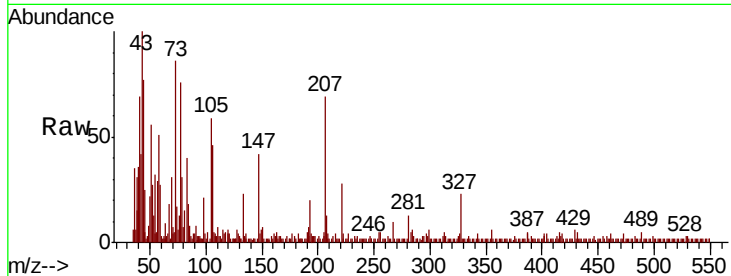
Tot Ion: 77 Resp: 467

Ion Ratio Lower Upper

77 100

105 77.7 72.5 112.5

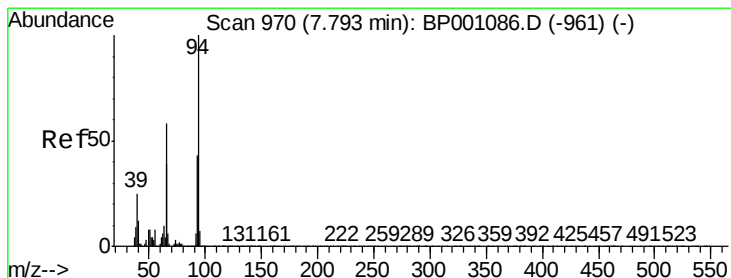
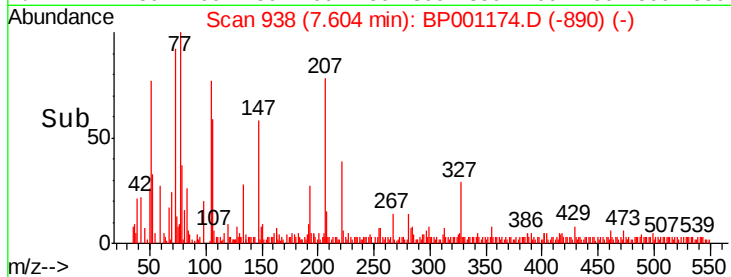
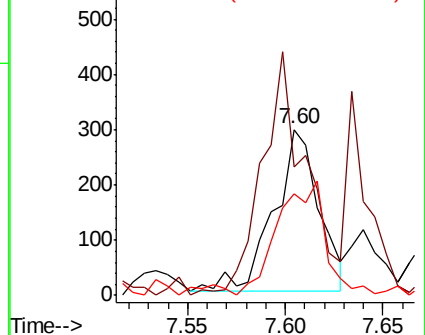
106 61.0 67.6 107.6#



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 4.565 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

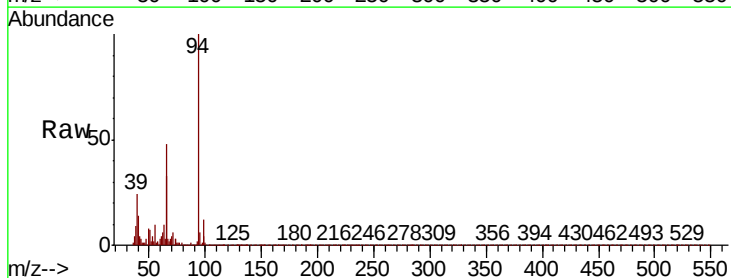
Tgt Ion: 94 Resp: 48480

Ion Ratio Lower Upper

94 100

65 32.8 18.6 58.6

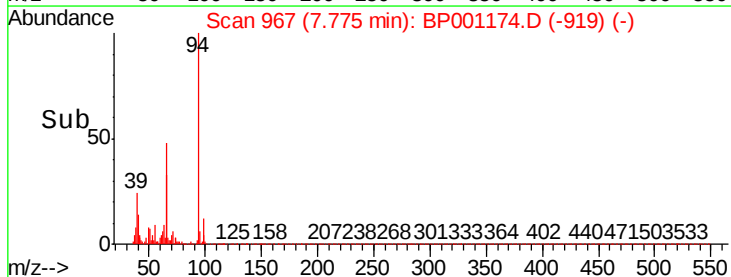
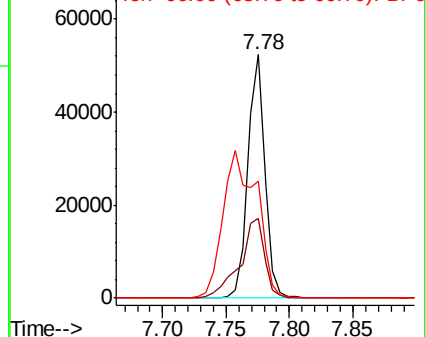
66 47.9 37.6 77.6

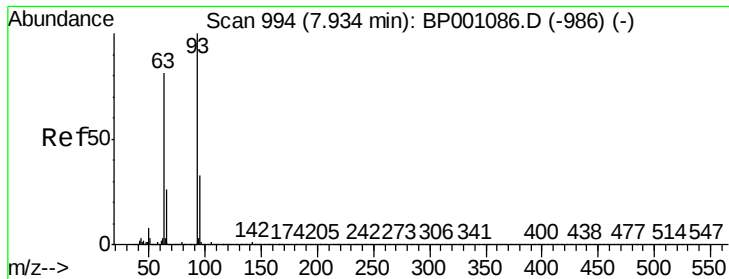


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

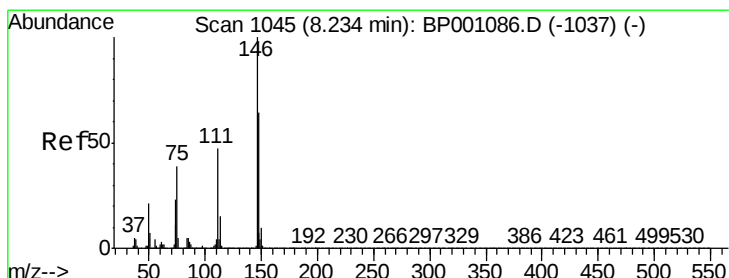
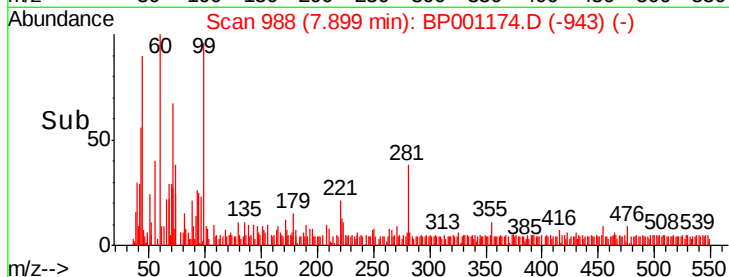
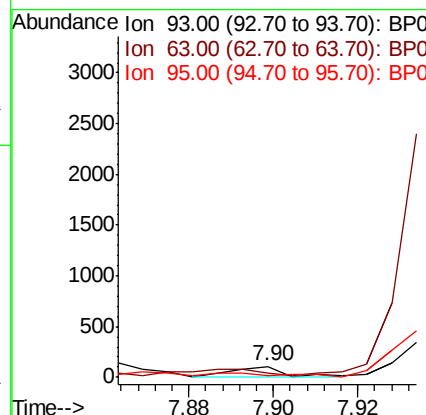
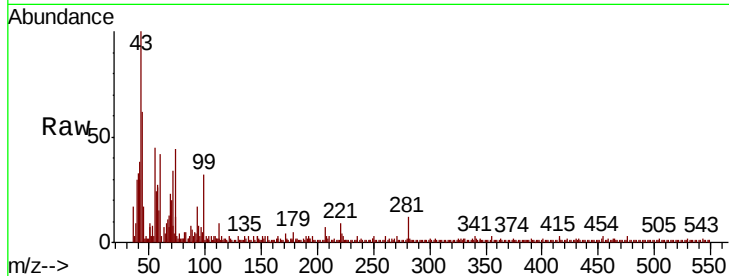




#11
 bis(2-Chloroethyl)ether
 Concen: 0.010 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BP001174.D
 Acq: 04 Dec 2019 00:37

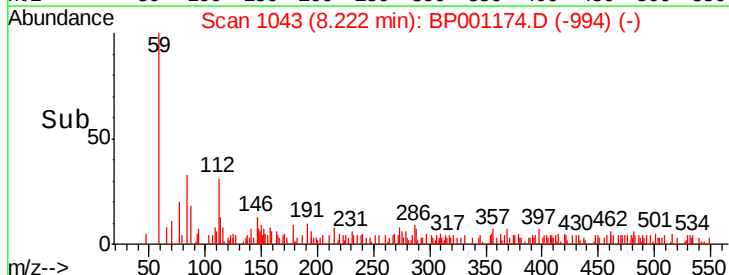
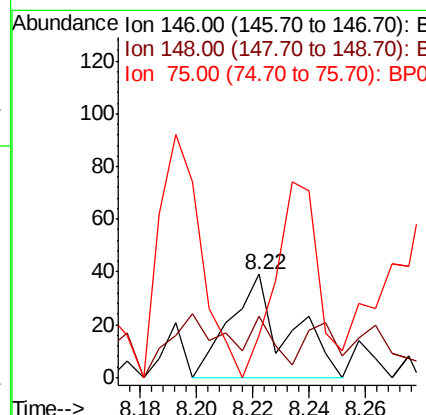
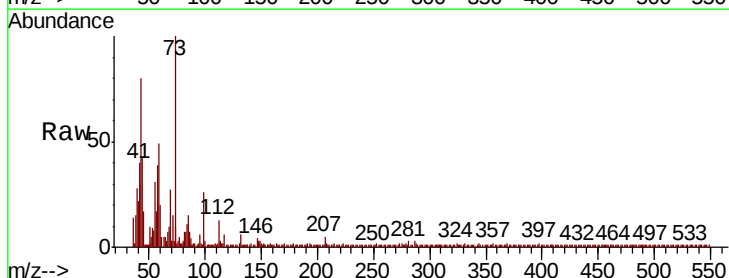
Instrument :
 BNA_P
 ClientSampleId :

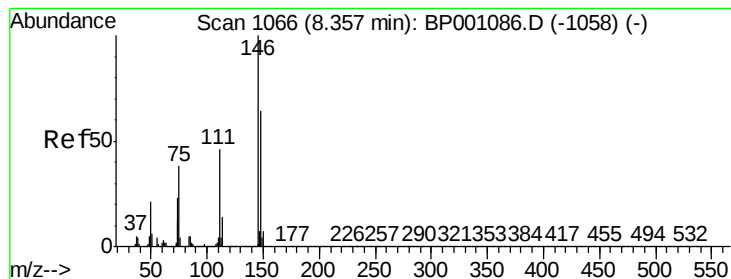
Tot Ion	Ratio	Lower	Upper
93	100		
63	43.4	60.7	100.7#
95	18.9	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 0.006 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BP001174.D
 Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.0	51.1	76.7
75	41.0	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 0.006 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.14 min

Lab File: BP001174.D

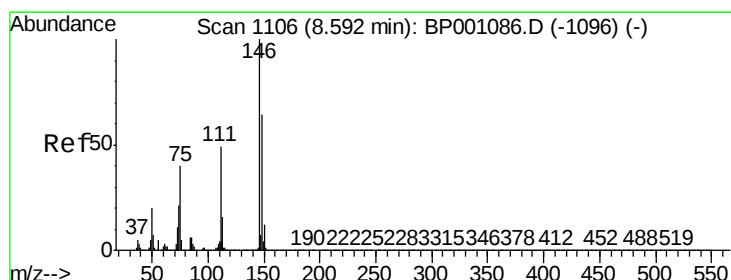
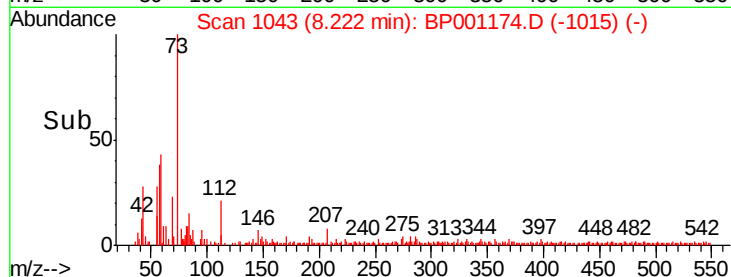
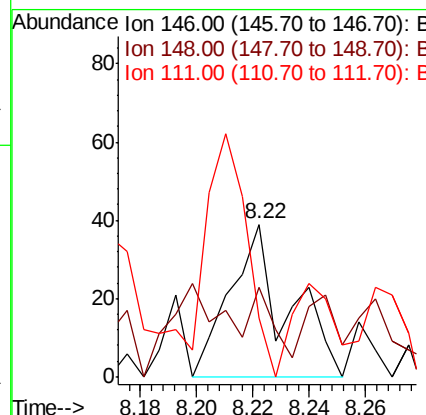
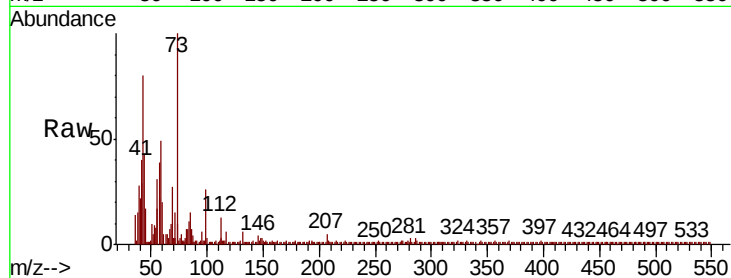
Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	146	Resp:	55
Ion	Ratio	Lower	Upper
146	100		
148	59.0	51.6	77.4
111	38.5	37.0	55.6



#14

1,2-Dichlorobenzene

Concen: 0.021 ng

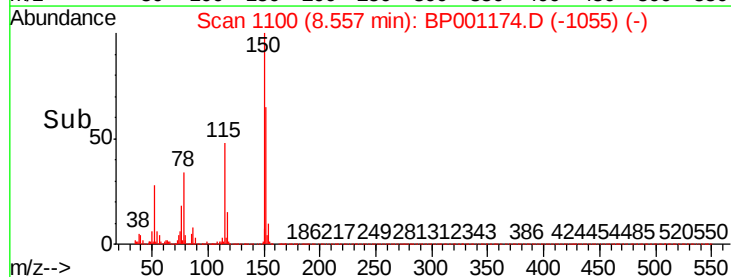
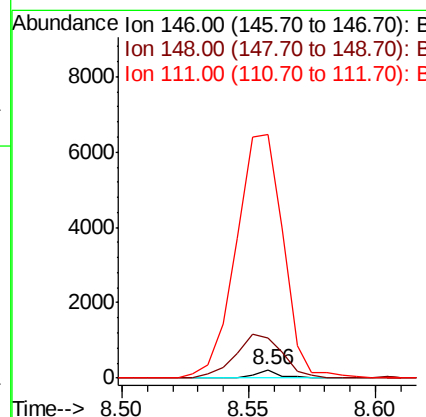
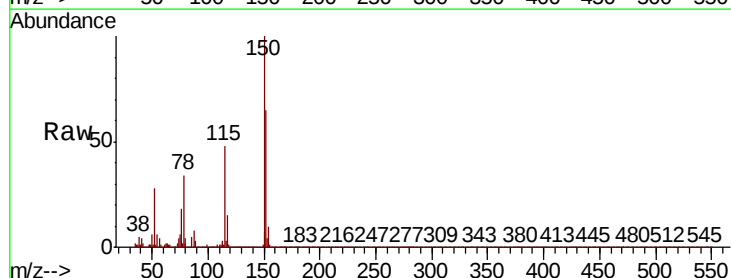
RT: 8.56 min Scan# 1100

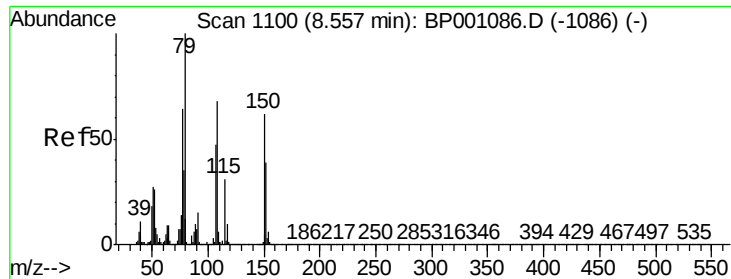
Delta R.T. -0.04 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Tgt Ion:	146	Resp:	170
Ion	Ratio	Lower	Upper
146	100		
148	469.0	51.5	77.3#
111	2859.7	39.3	58.9#

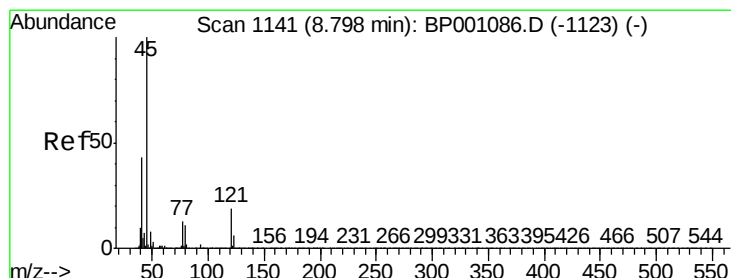
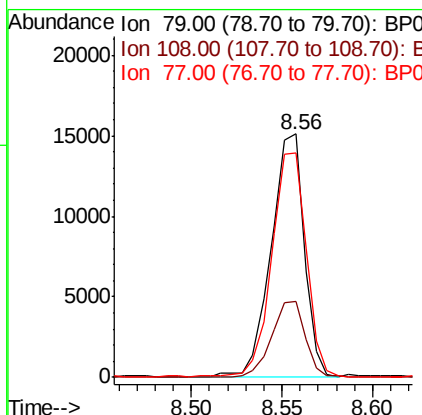
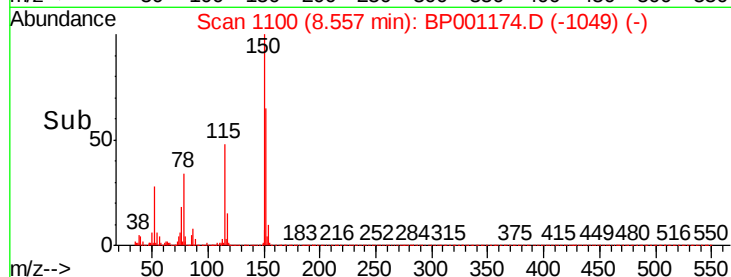
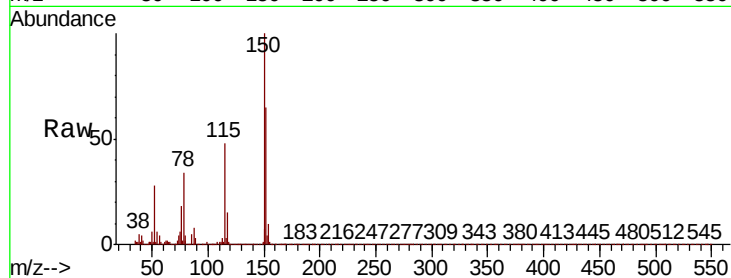




#15
Benzyl Alcohol
Concen: 2.509 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

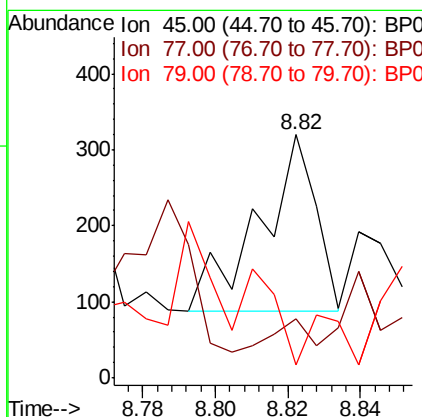
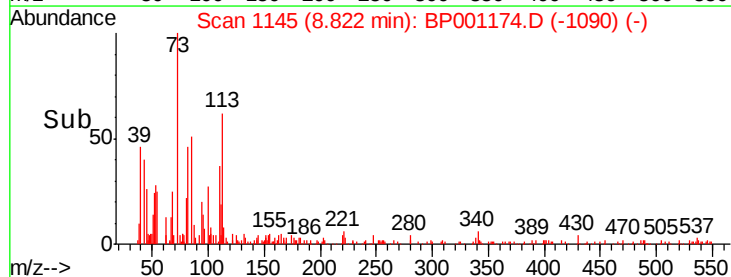
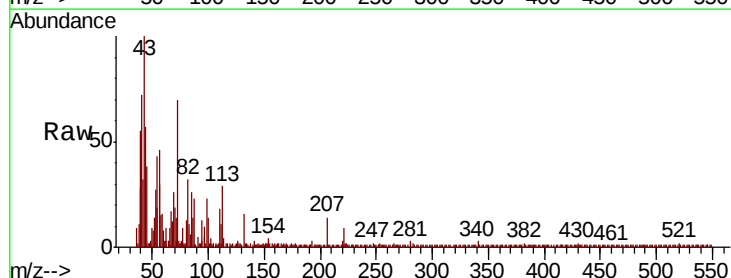
Instrument :
BNA_P
ClientSampleId :

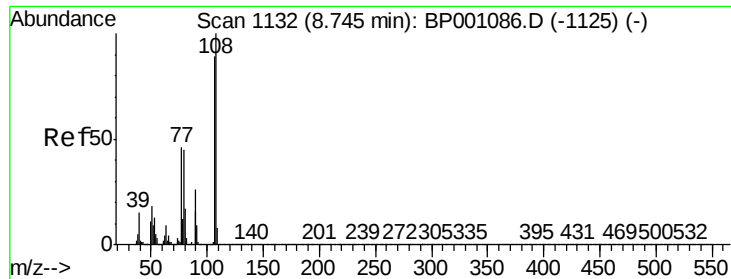
Tot Ion	Ratio	Lower	Upper
79	100		
108	31.1	54.8	82.2#
77	92.2	51.4	77.2#



#16
2,2'-oxybis(1-chloropropane)
Concen: 0.019 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.3	0.0	33.3
79	5.3	0.0	30.9

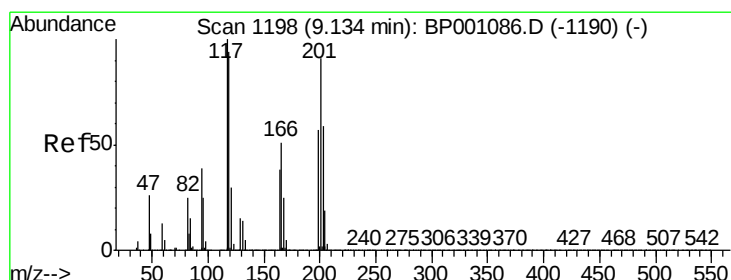
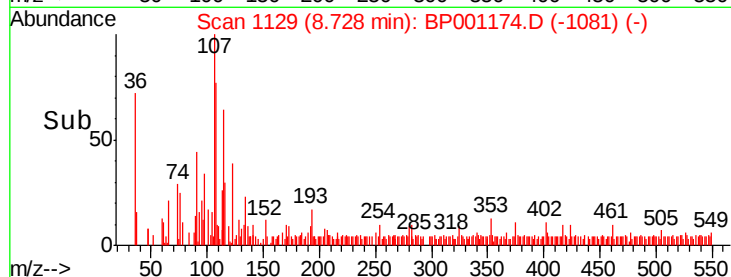
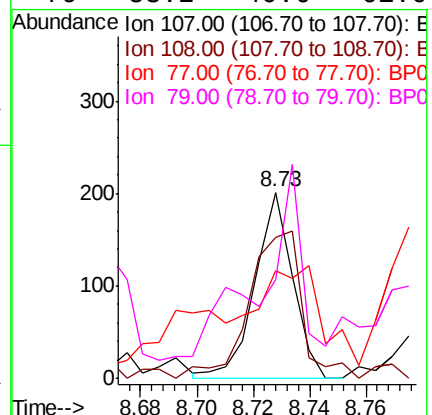
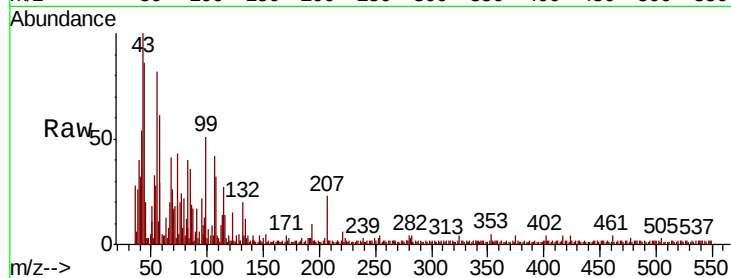




#17
2-Methylphenol
Concen: 0.028 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

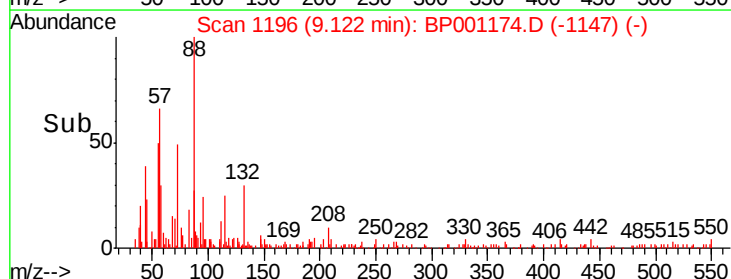
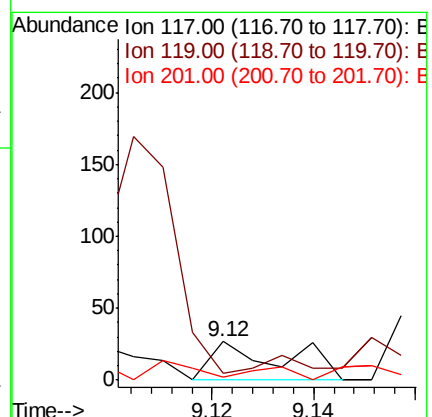
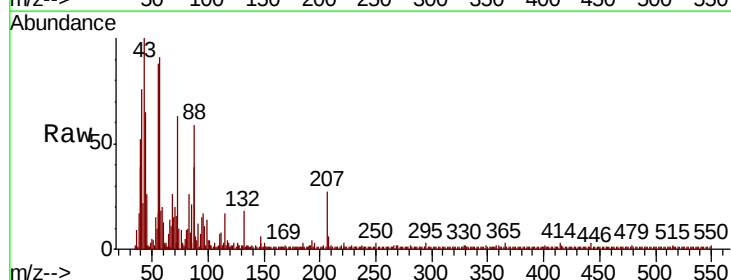
Instrument :
BNA_P
ClientSampleId :

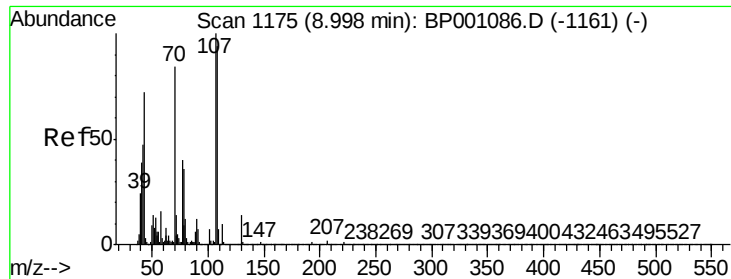
Tot Ion:	107	Resp:	186
Ion	Ratio	Lower	Upper
107	100		
108	76.1	89.8	134.6#
77	57.7	41.4	62.2
79	53.2	40.6	61.0



#18
Hexachloroethane
Concen: 0.008 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:	117	Resp:	27
Ion	Ratio	Lower	Upper
117	100		
119	18.5	75.2	112.8#
201	7.4	72.5	108.7#

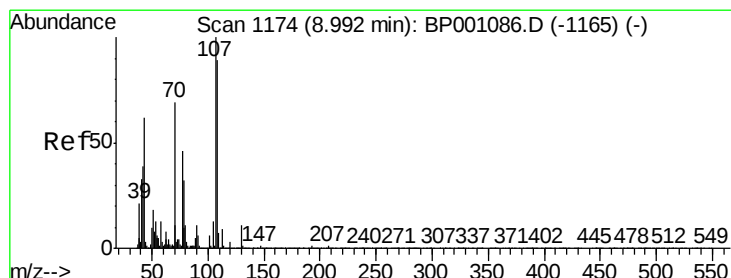
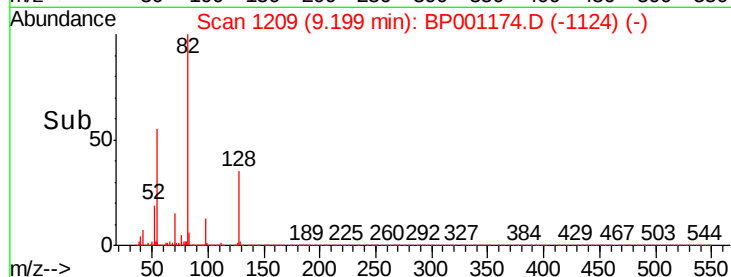
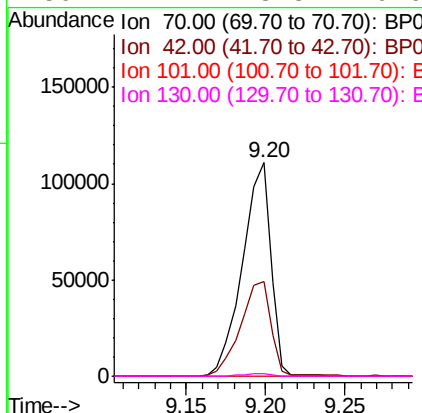
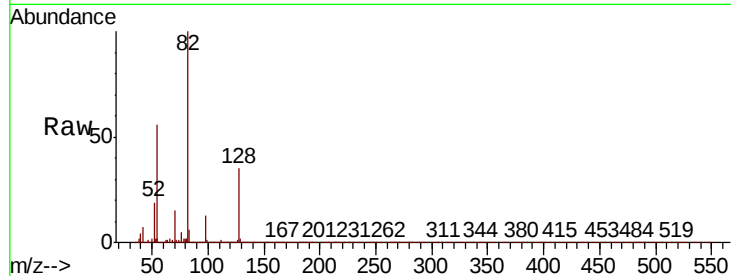




#19
n-Nitroso-di-n-propylamine
Concen: 20.430 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.20 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

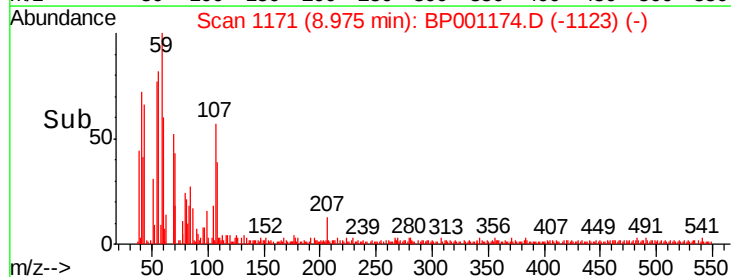
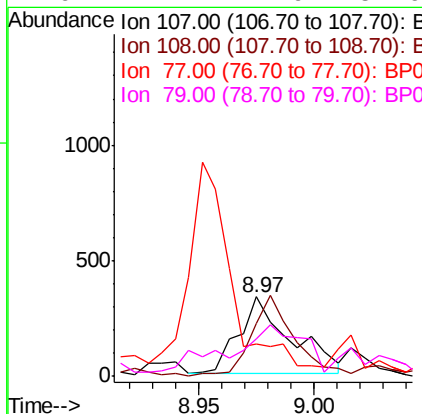
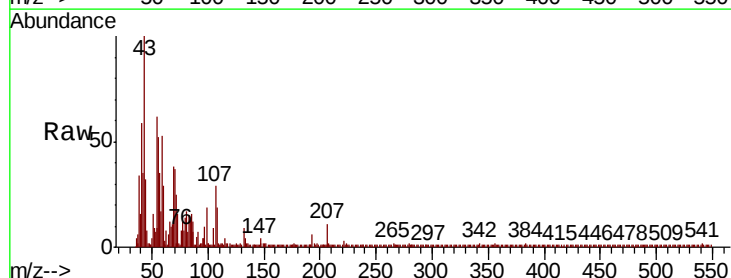
Instrument :
BNA_P
ClientSampleId :

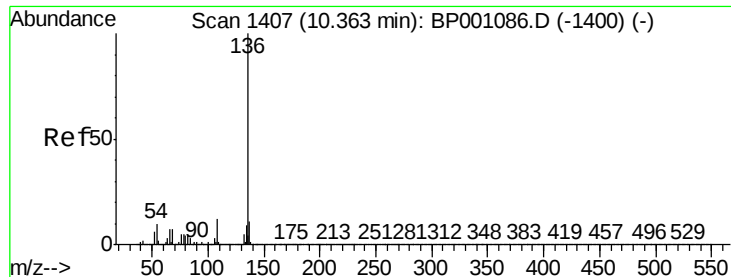
Tot Ion: 70 Resp: 137631
Ion Ratio Lower Upper
70 100
42 44.3 44.6 66.8#
101 0.0 7.1 10.7#
130 1.4 13.8 20.6#



#20
3+4-Methylphenols
Concen: 0.062 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:107 Resp: 520
Ion Ratio Lower Upper
107 100
108 66.0 68.9 108.9#
77 40.8 25.9 65.9
79 47.2 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BP001174.D

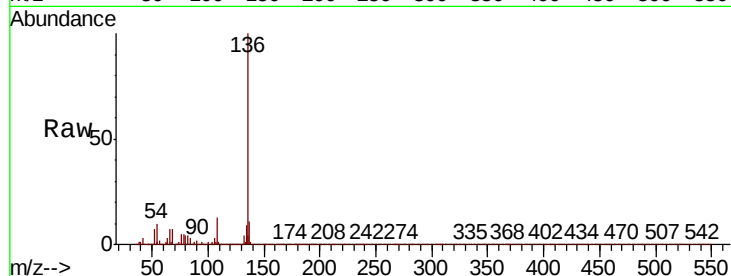
Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136	Resp:	418360
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	10.1	7.9 11.9
68	6.6	5.6 8.4



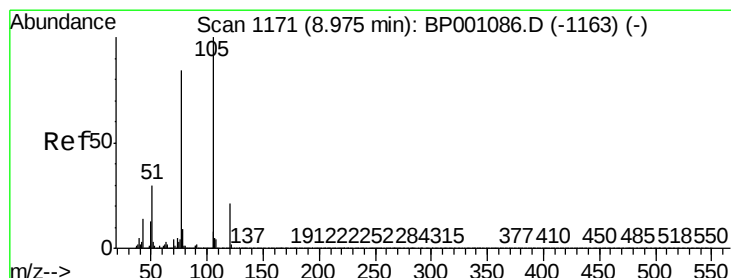
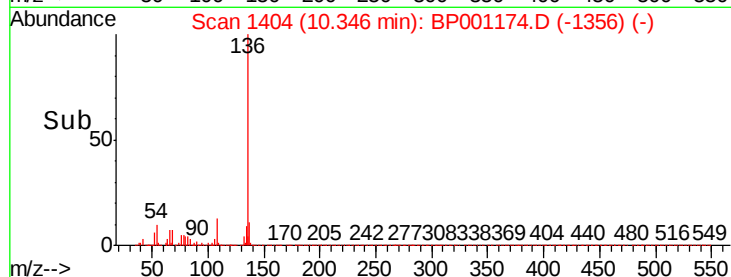
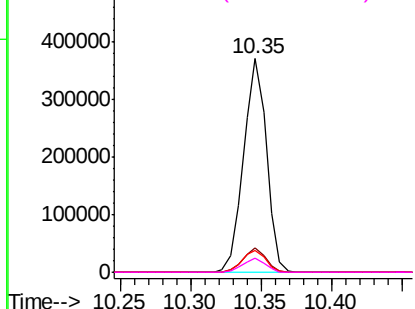
Abundance

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: 0.109 ng

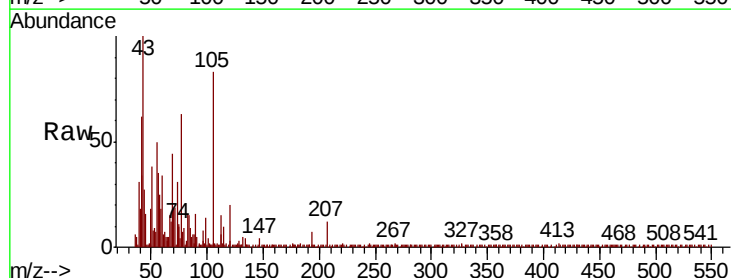
RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Tgt Ion:105	Resp:	1339
Ion	Ratio	Lower Upper
105	100	
71	23.1	0.5 0.7#
51	45.9	24.2 36.4#
120	24.3	16.4 24.6



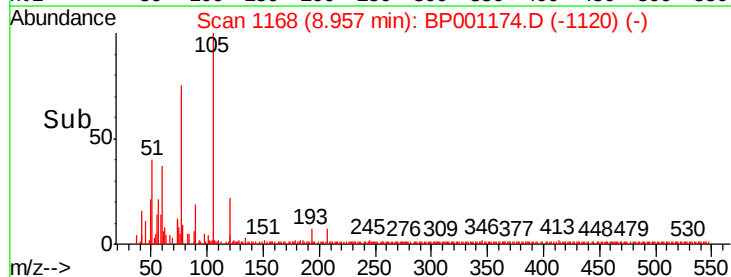
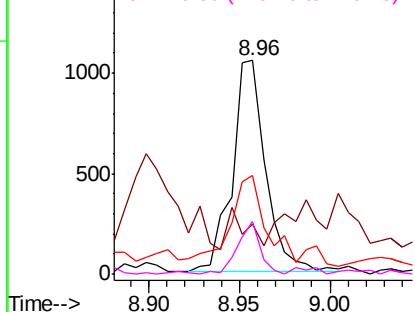
Abundance

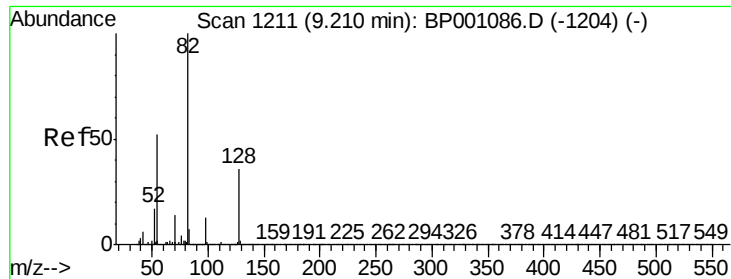
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

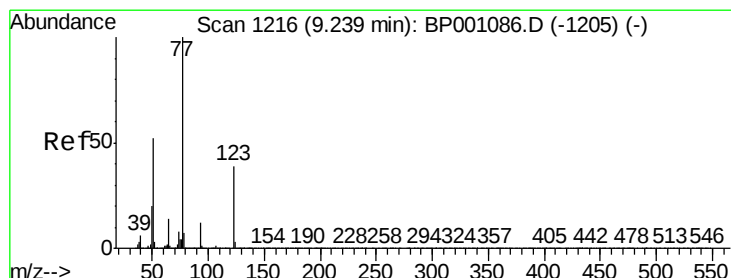
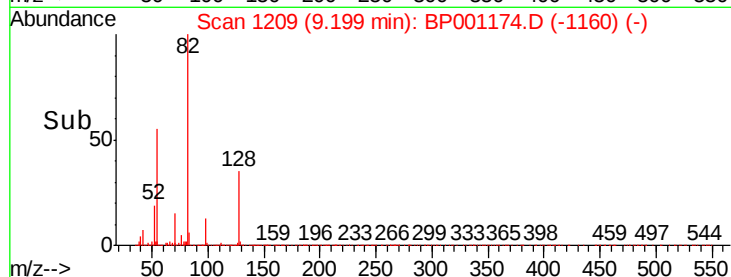
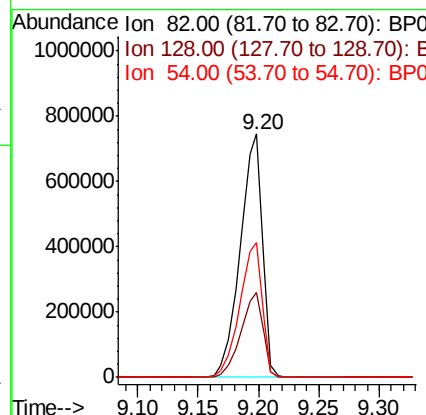
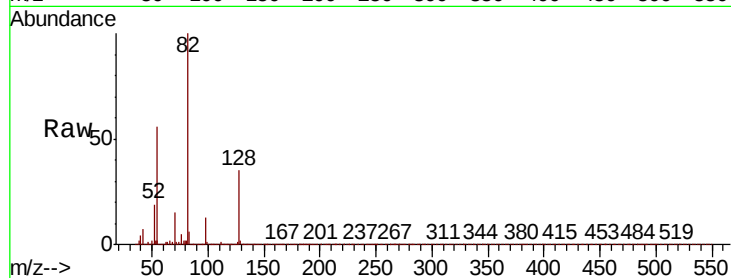




#23
Nitrobenzene-d5
Concen: 99.072 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

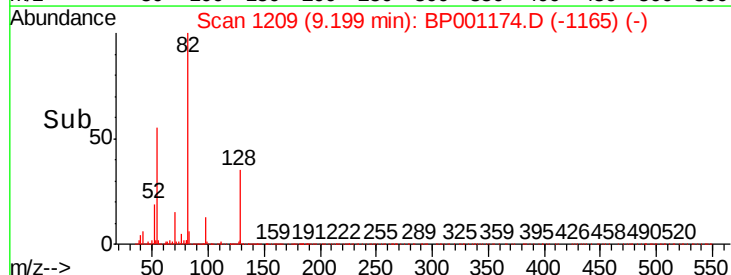
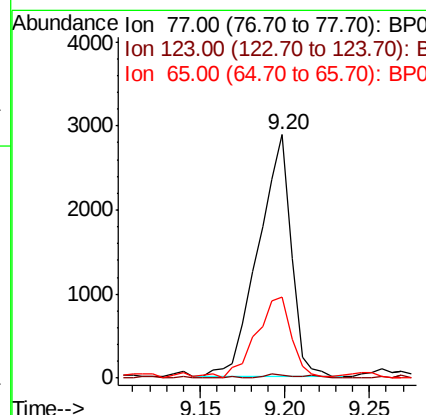
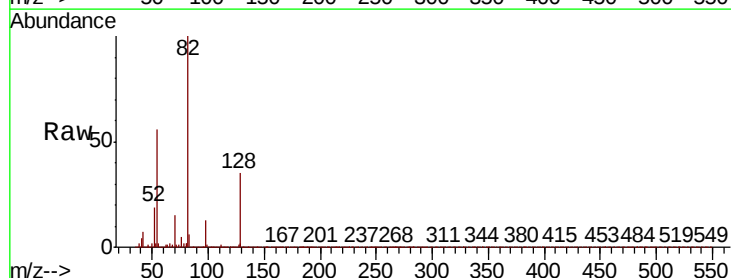
Instrument :
BNA_P
ClientSampleId :

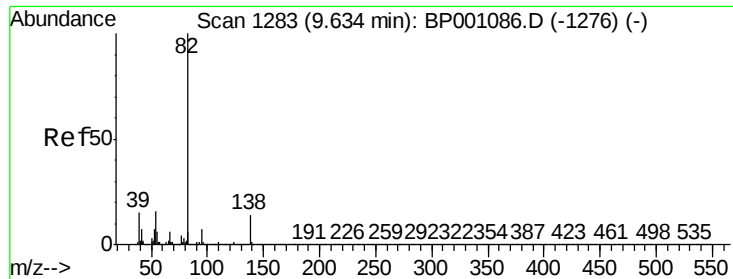
Tot Ion	82	Resp	955329
Ion Ratio	Lower	Upper	
82	100		
128	34.7	28.9	43.3
54	55.5	41.9	62.9



#24
Nitrobenzene
Concen: 0.407 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.04 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	77	Resp	3902
Ion Ratio	Lower	Upper	
77	100		
123	1.1	31.0	46.4#
65	33.0	11.0	16.6#





#25

Isophorone

Concen: 0.041 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BP001174.D

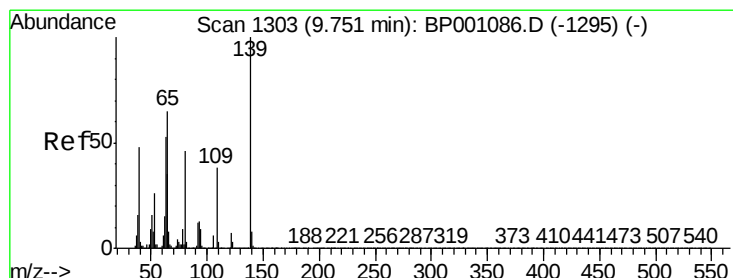
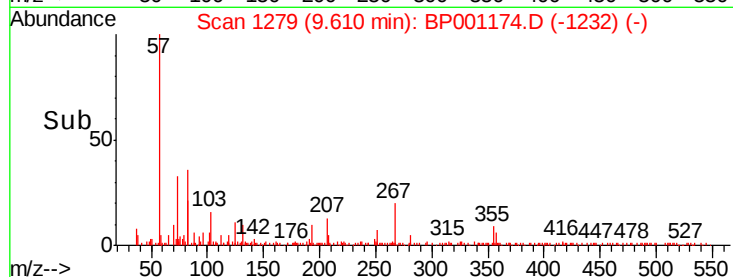
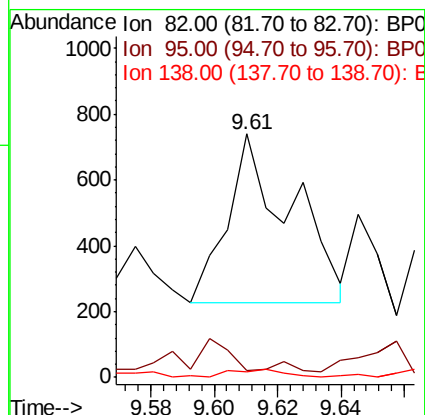
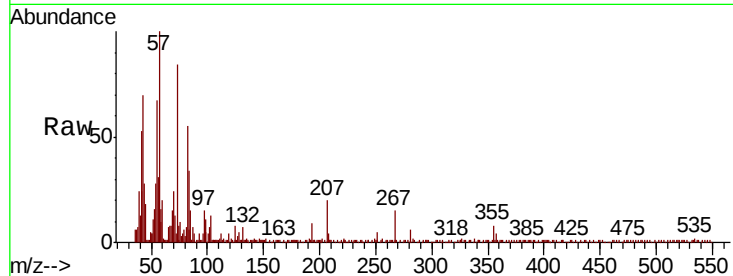
Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampled :

Tot Ion:	82	Resp:	708
Ion	Ratio	Lower	Upper
82	100		
95	2.7	5.7	8.5#
138	2.3	11.3	16.9#



#26

2-Nitrophenol

Concen: 0.016 ng

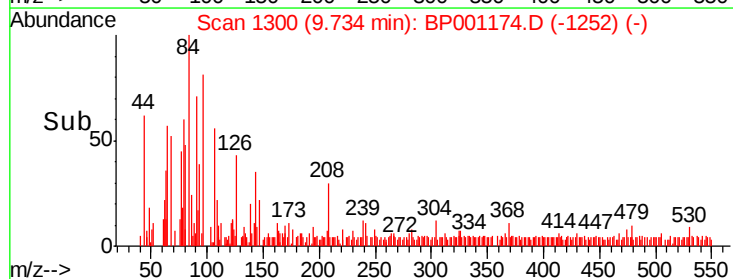
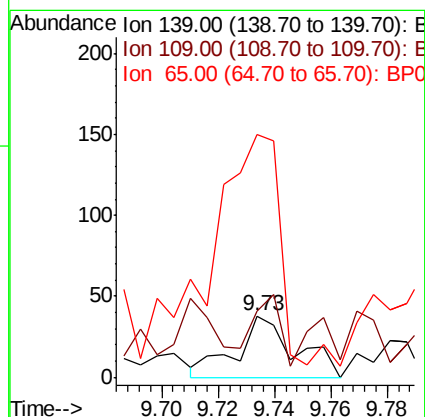
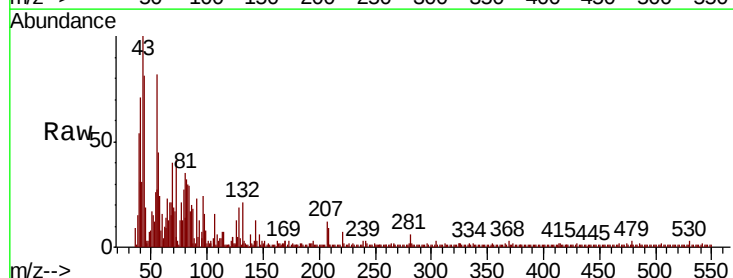
RT: 9.73 min Scan# 1300

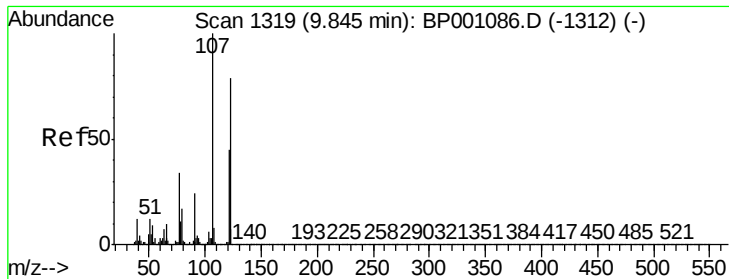
Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Tgt Ion:	139	Resp:	55
Ion	Ratio	Lower	Upper
139	100		
109	107.9	30.6	45.8#
65	394.7	51.8	77.8#

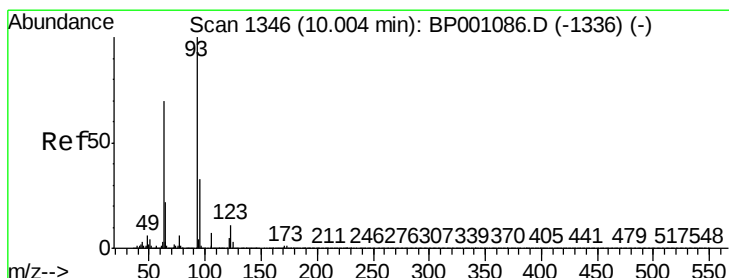
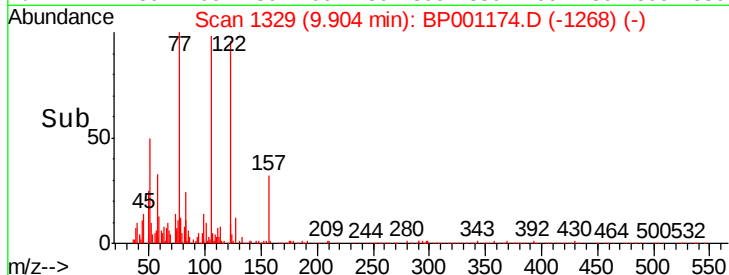
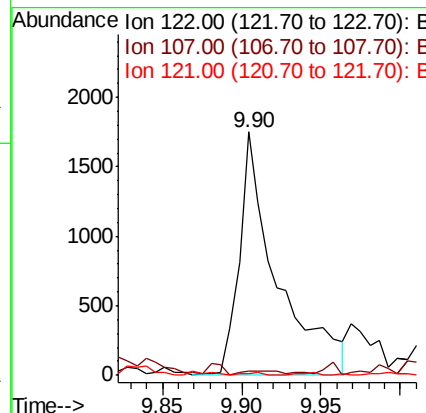
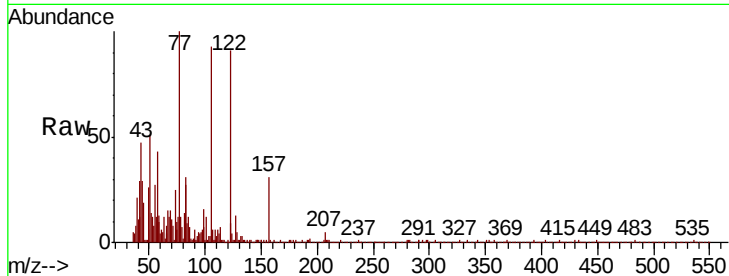




#27
2,4-Dimethylphenol
Concen: 0.518 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.06 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

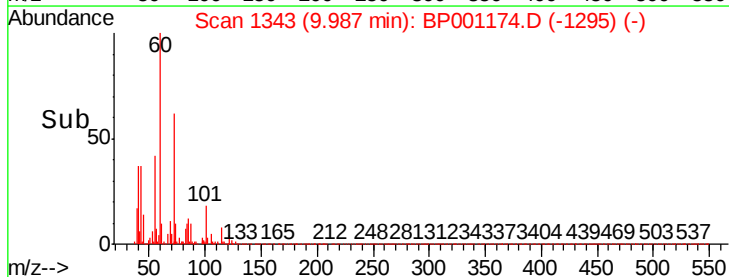
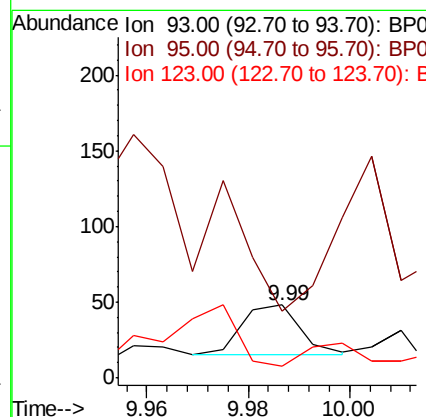
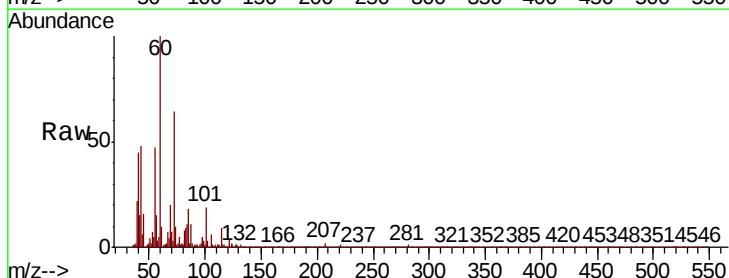
Instrument :
BNA_P
ClientSampleId :

Tot Ion:122 Resp: 2883
Ion Ratio Lower Upper
122 100
107 1.8 101.9 152.9#
121 0.5 46.1 69.1#



#28
bis(2-Chloroethoxy)methane
Concen: 0.002 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion: 93 Resp: 27
Ion Ratio Lower Upper
93 100
95 91.7 26.0 39.0#
123 16.7 8.9 13.3#

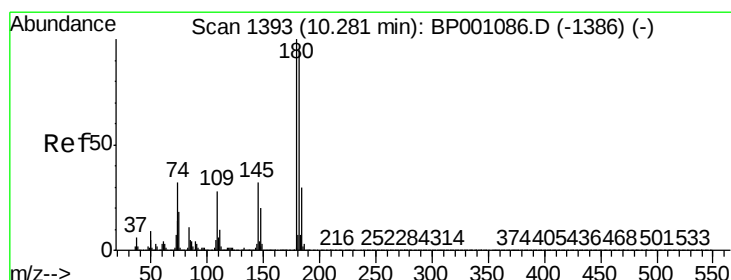
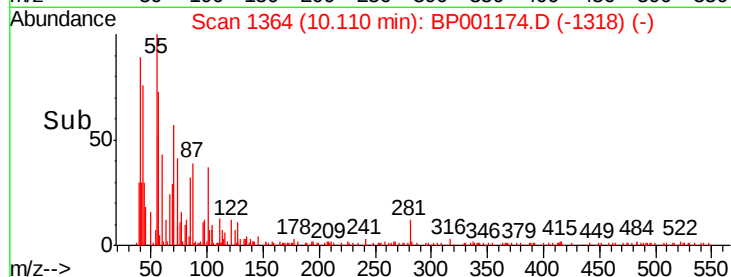
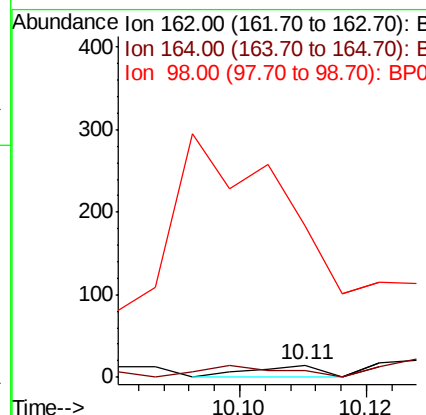
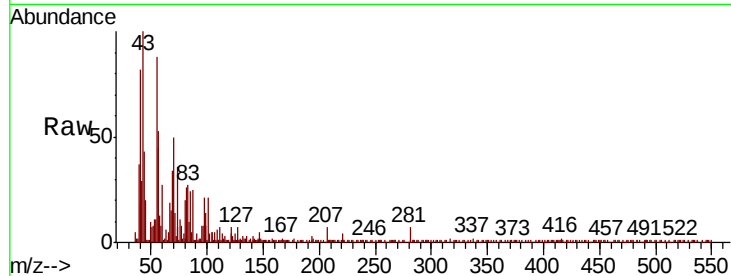




#29
2,4-Dichlorophenol
Concen: 0.002 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

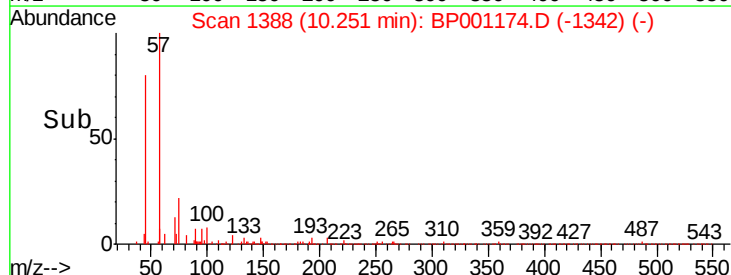
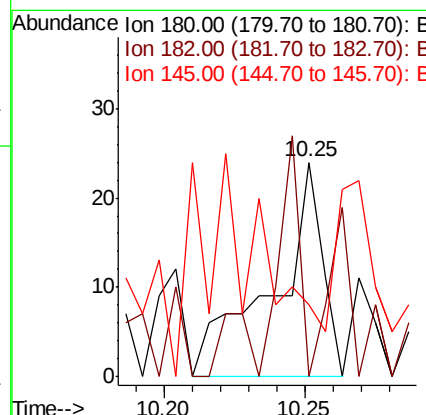
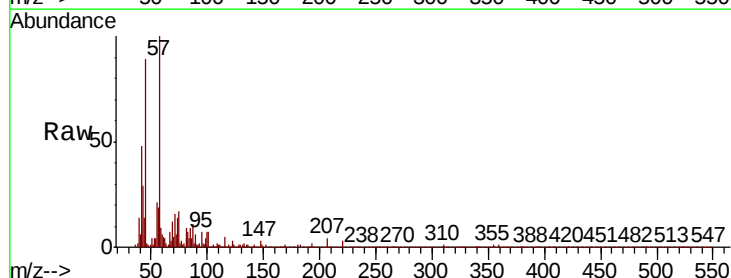
Instrument :
BNA_P
ClientSampleId :

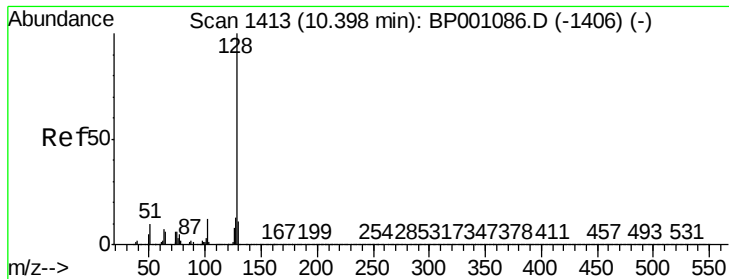
Tot Ion:162 Resp: 11
Ion Ratio Lower Upper
162 100
164 140.0 45.1 85.1#
98 1220.0 23.4 63.4#



#30
1,2,4-Trichlorobenzene
Concen: 0.004 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:180 Resp: 29
Ion Ratio Lower Upper
180 100
182 0.0 76.3 114.5#
145 33.3 25.4 38.2

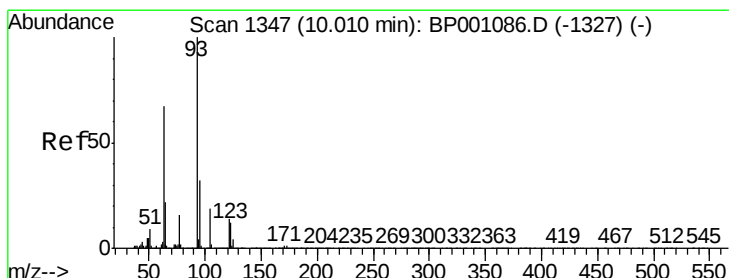
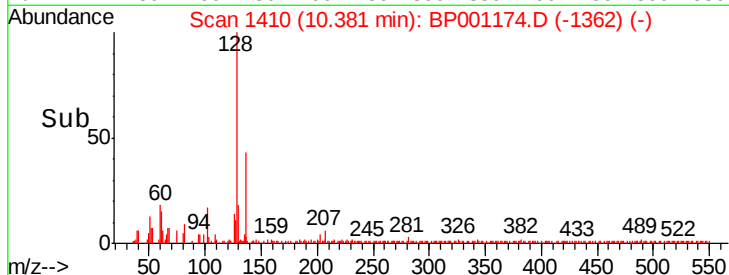
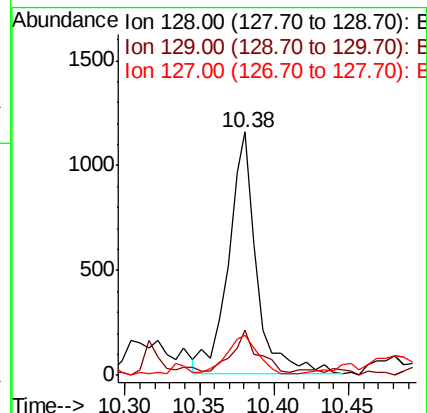
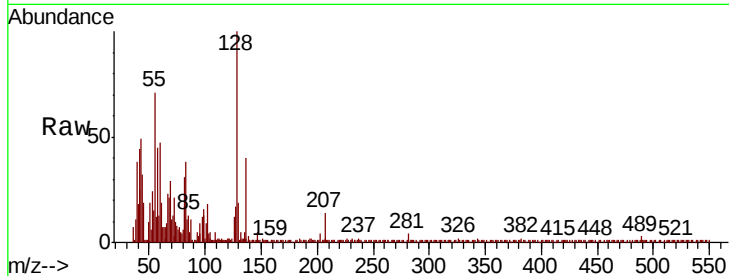




#31
Naphthalene
Concen: 0.071 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

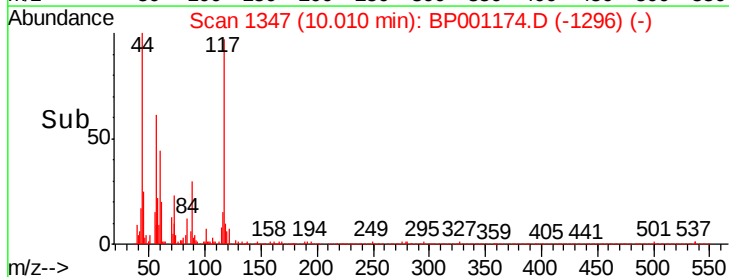
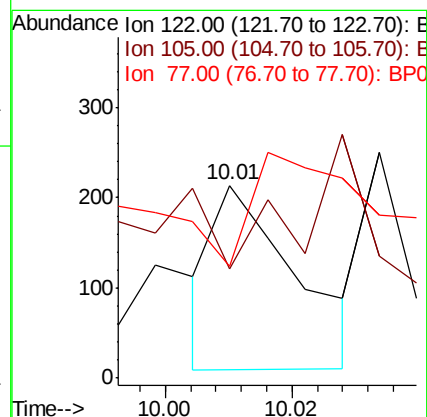
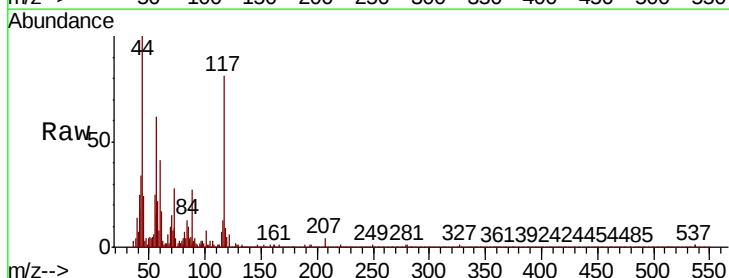
Instrument :
BNA_P
ClientSampleId :

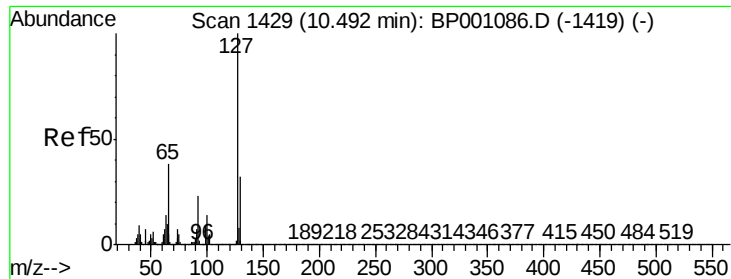
Tot Ion	Ratio	Lower	Upper
128	100		
129	18.7	8.8	13.2#
127	16.5	10.6	16.0#



#32
Benzoic acid
Concen: 0.046 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	56.5	116.8	156.8#
77	57.9	95.0	135.0#

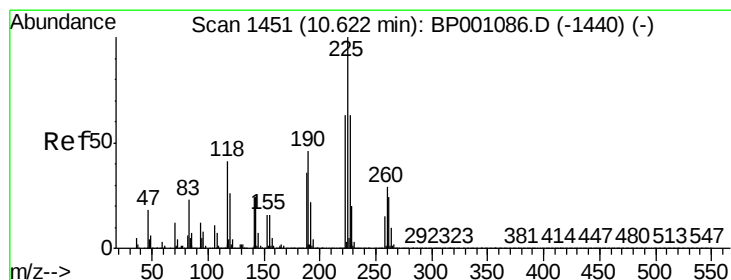
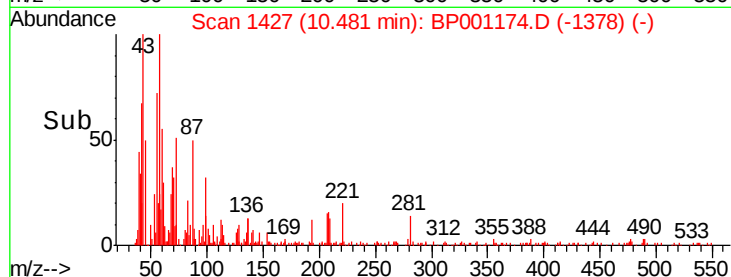
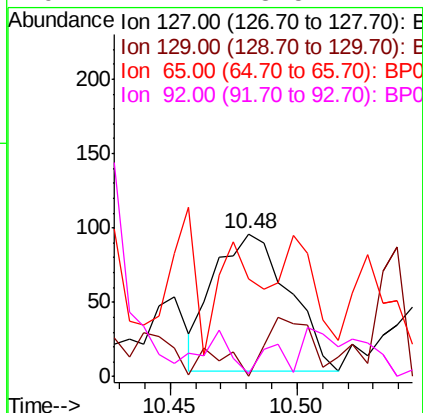
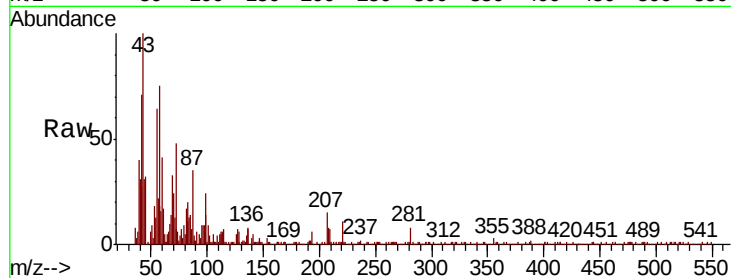




#33
4-Chloroaniline
Concen: 0.020 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

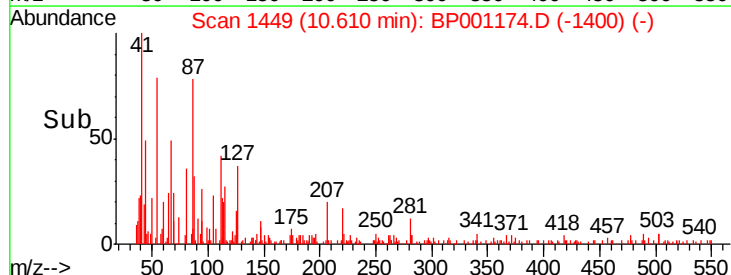
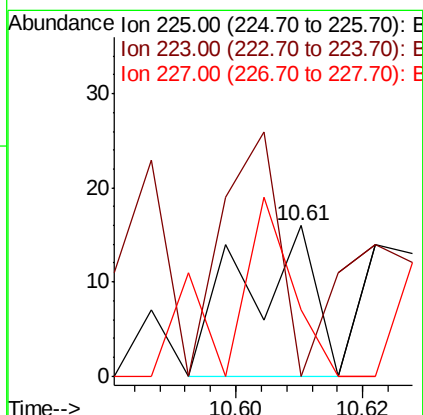
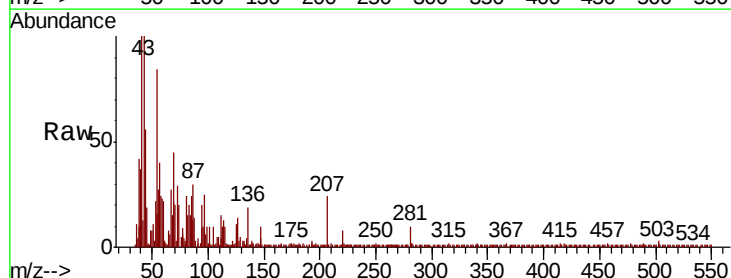
Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	190
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.5	38.3#
65	68.8	30.6	46.0#
92	2.1	18.5	27.7#



#34
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:	225	Resp:	13
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.0	75.0#
227	131.3	50.0	75.0#

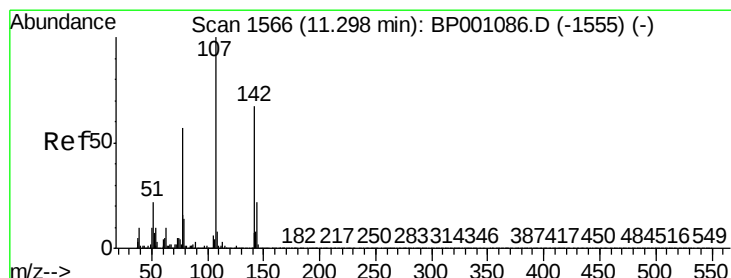
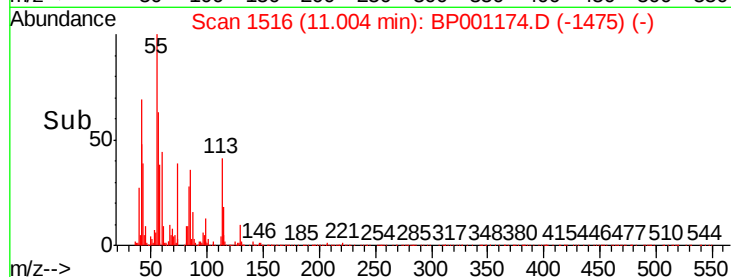
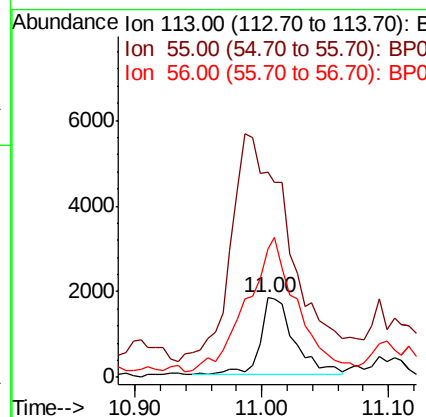
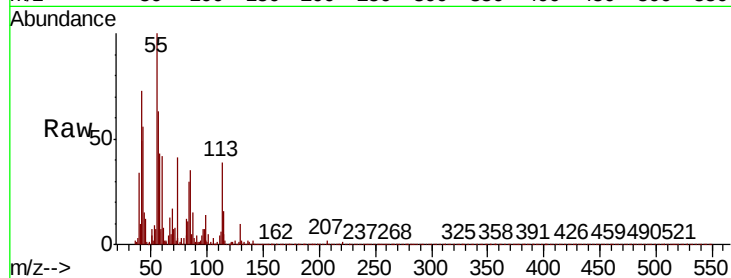




#35
 Caprolactam
 Concen: 1.581 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.06 min
 Lab File: BP001174.D
 Acq: 04 Dec 2019 00:37

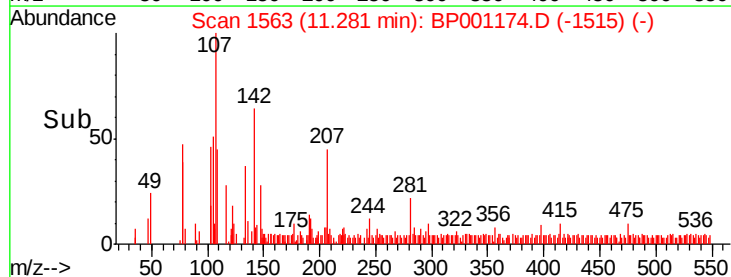
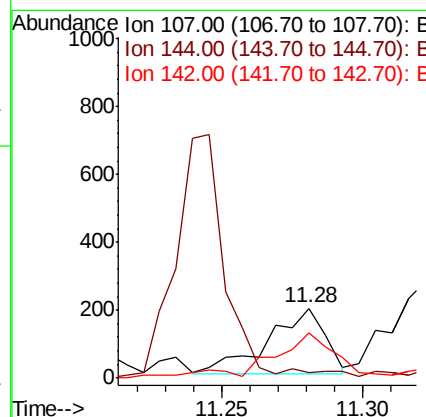
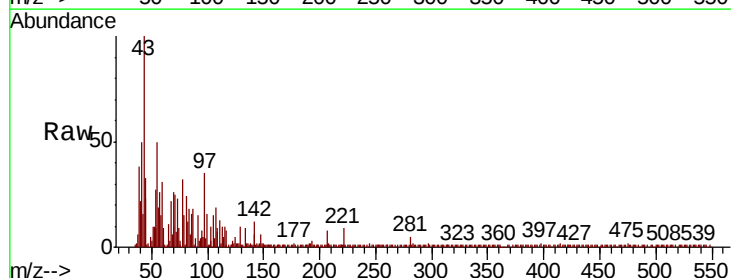
Instrument :
 BNA_P
 ClientSampleId :

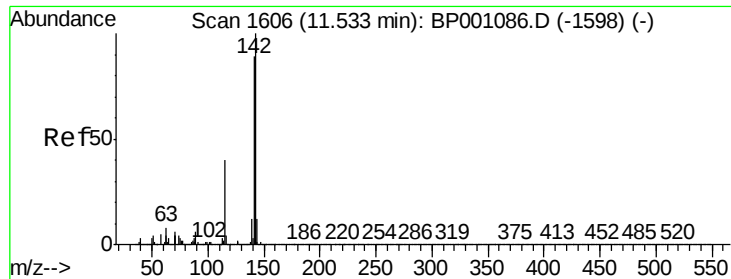
Tot Ion:113 Resp: 3450
 Ion Ratio Lower Upper
 113 100
 55 258.1 181.2 221.2#
 56 161.8 134.7 174.7



#36
 4-Chloro-3-methylphenol
 Concen: 0.036 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BP001174.D
 Acq: 04 Dec 2019 00:37

Tgt Ion:107 Resp: 271
 Ion Ratio Lower Upper
 107 100
 144 11.2 17.5 26.3#
 142 72.7 53.3 79.9

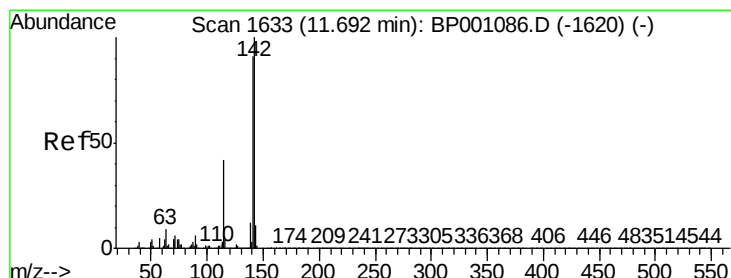
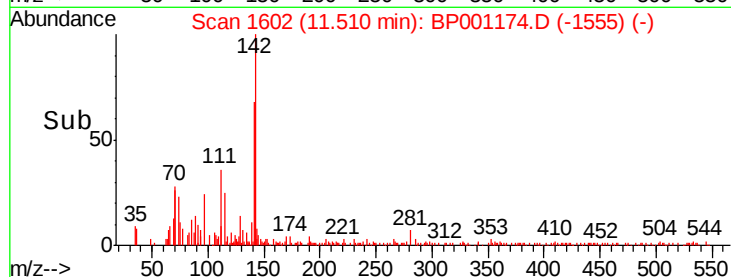
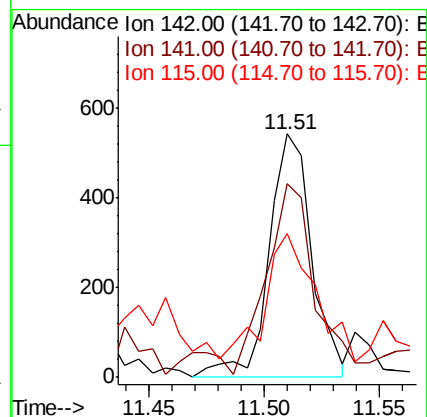
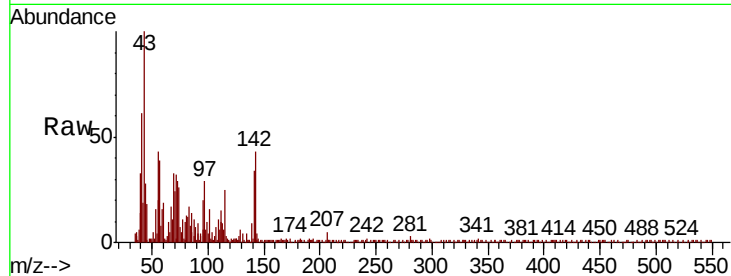




#37
2-Methylnaphthalene
Concen: 0.048 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

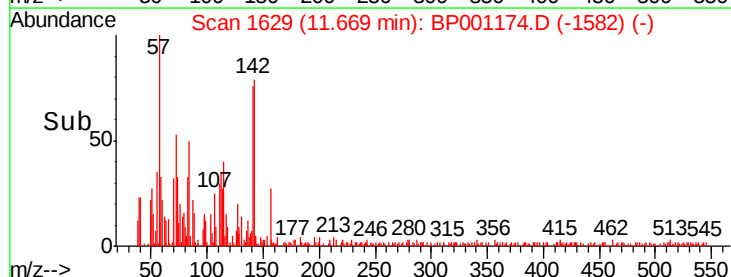
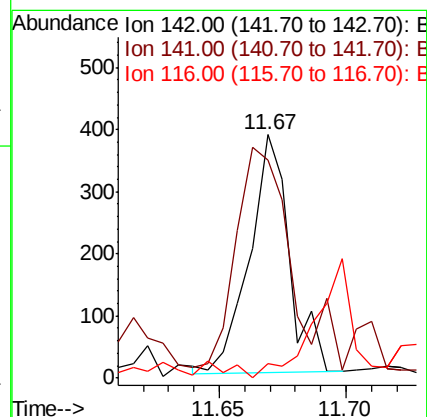
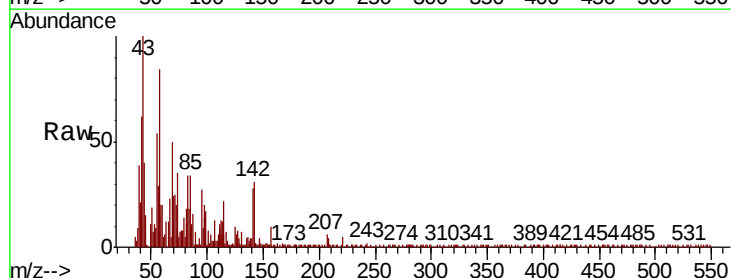
Instrument :
BNA_P
ClientSampleId :

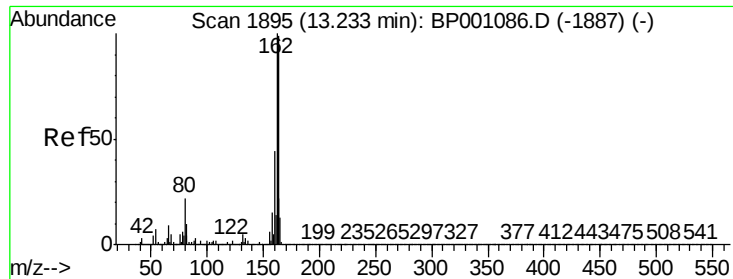
Tot Ion:142 Resp: 696
Ion Ratio Lower Upper
142 100
141 79.3 71.1 106.7
115 59.2 32.3 48.5#



#38
1-Methylnaphthalene
Concen: 0.031 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:142 Resp: 423
Ion Ratio Lower Upper
142 100
141 89.8 73.0 109.4
116 6.1 3.4 5.2#

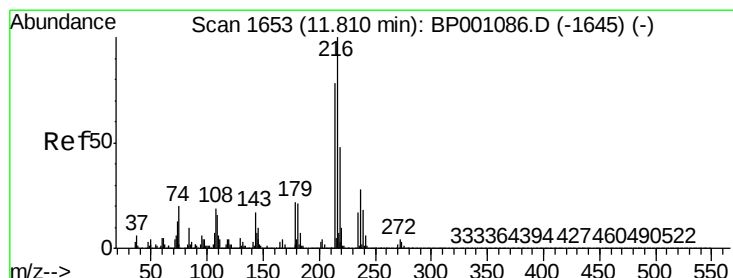
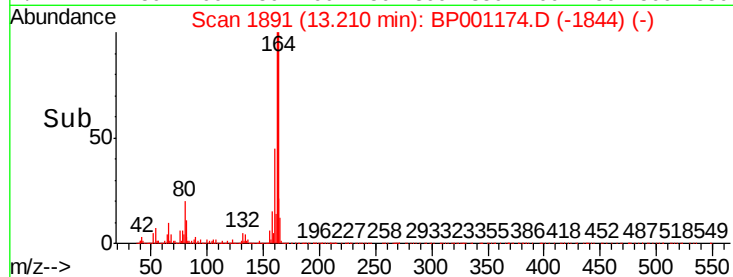
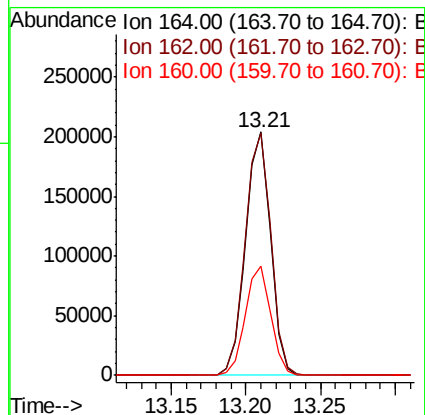
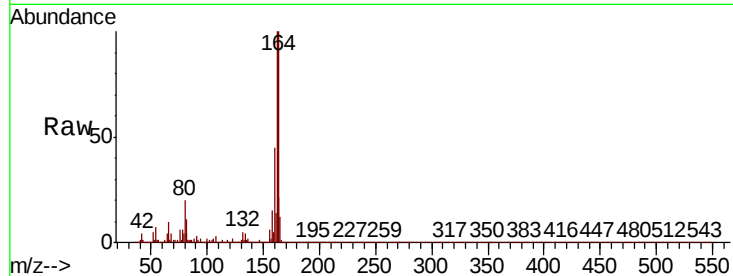




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

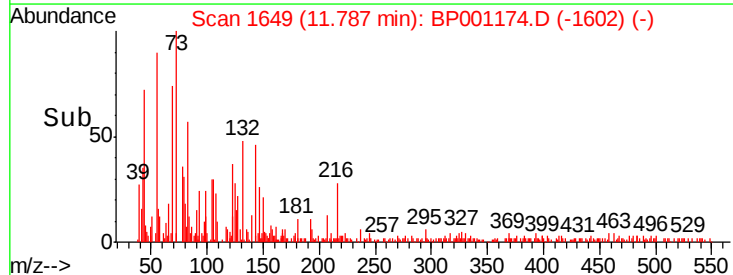
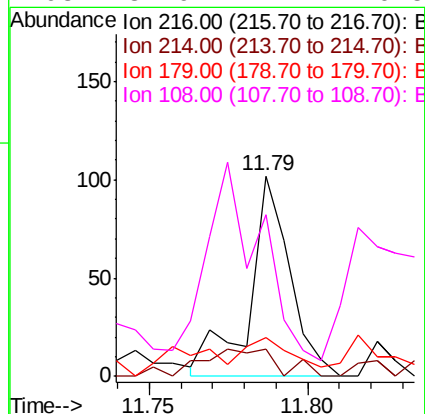
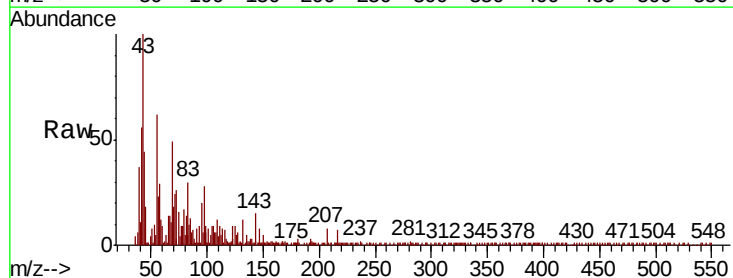
Instrument :
BNA_P
ClientSampleId :

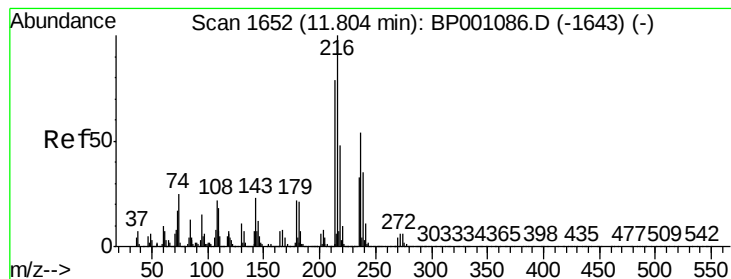
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	45.0	35.4	53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.012 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	27.5	62.8	94.2#
179	24.2	17.6	26.4
108	131.9	17.7	26.5#





#41

Hexachlorocyclopentadiene

Concen: 0.004 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

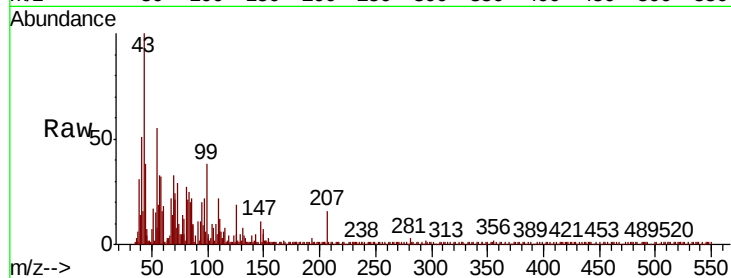
Tot Ion:237 Resp: 13

Ion Ratio Lower Upper

237 100

235 47.1 41.8 81.8

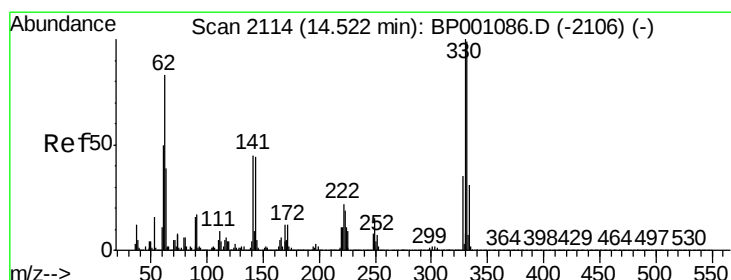
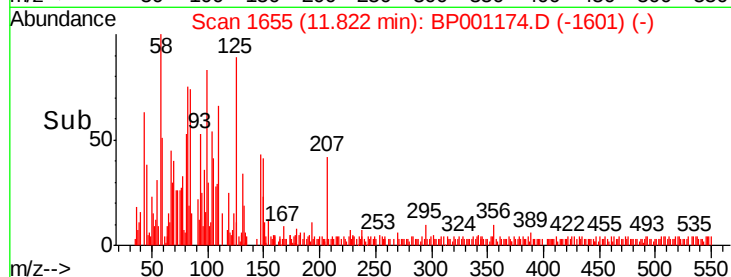
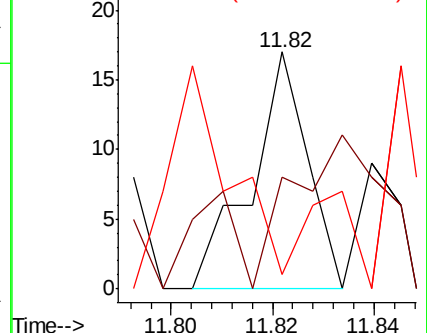
272 5.9 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 160.207 ng

RT: 14.50 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

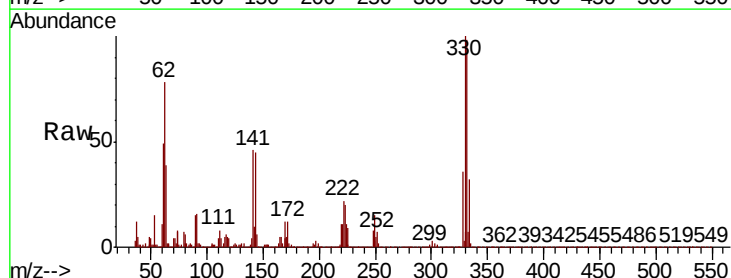
Tgt Ion:330 Resp: 363481

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

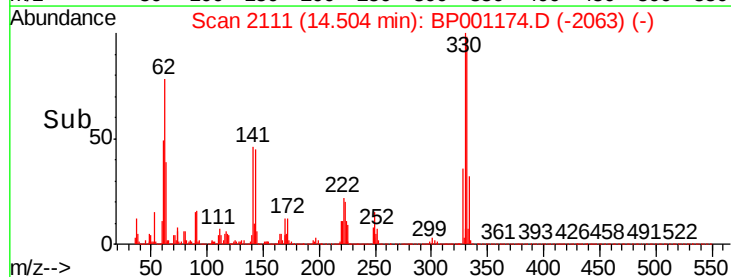
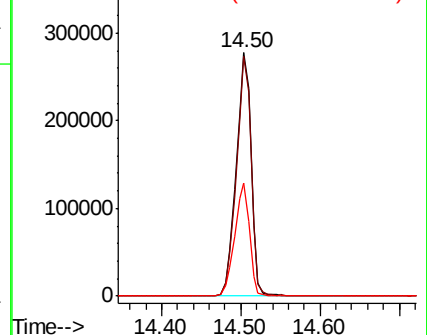
141 45.6 34.2 51.2

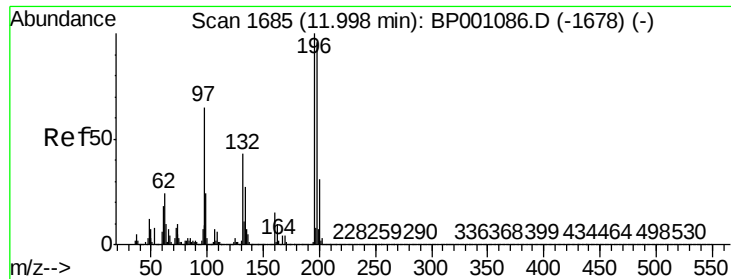


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

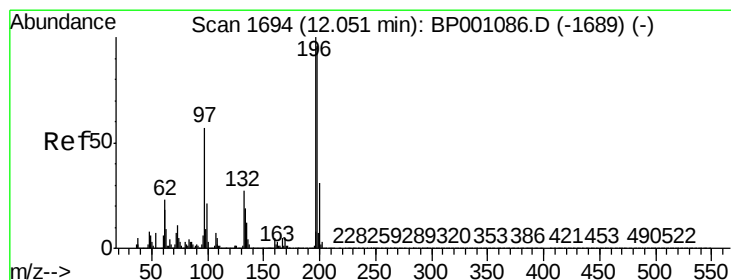
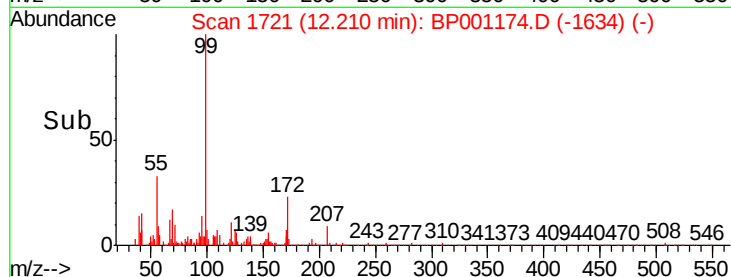
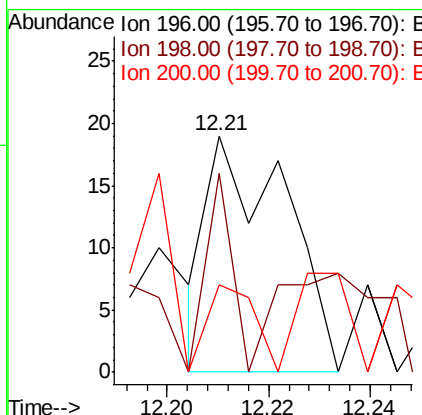
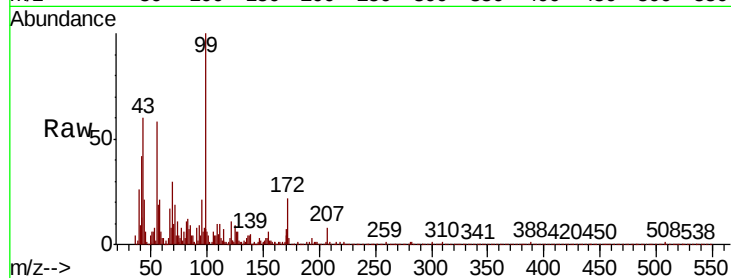




#43
2,4,6-Trichlorophenol
Concen: 0.004 ng
RT: 12.21 min Scan# 1721
Delta R.T. 0.21 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

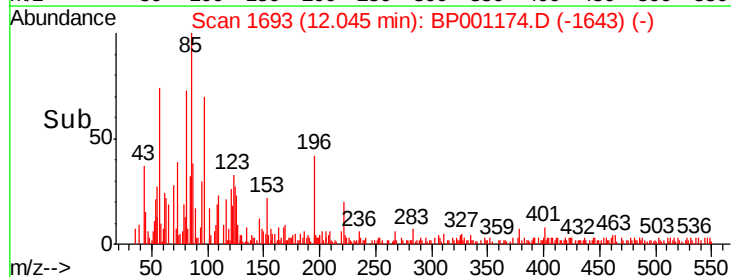
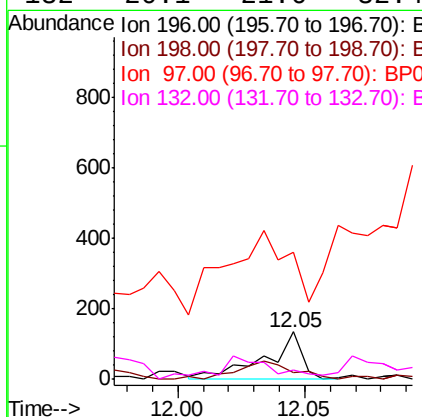
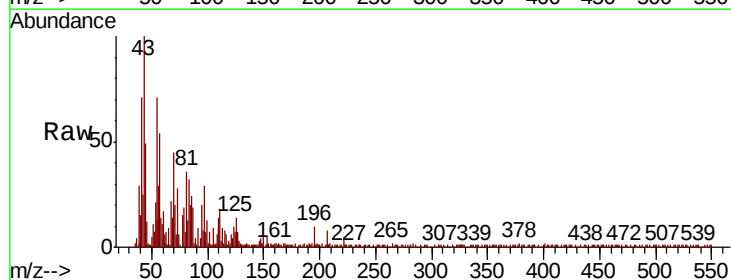
Instrument :
BNA_P
ClientSampleId :

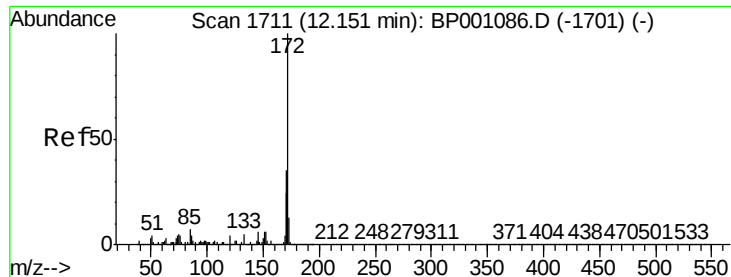
Tot Ion:196 Resp: 20
Ion Ratio Lower Upper
196 100
198 84.2 76.7 115.1
200 36.8 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 0.027 ng
RT: 12.05 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:196 Resp: 135
Ion Ratio Lower Upper
196 100
198 20.9 76.8 115.2#
97 267.9 46.1 69.1#
132 20.1 21.6 32.4#

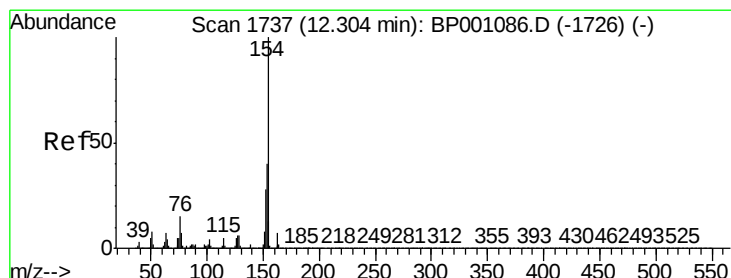
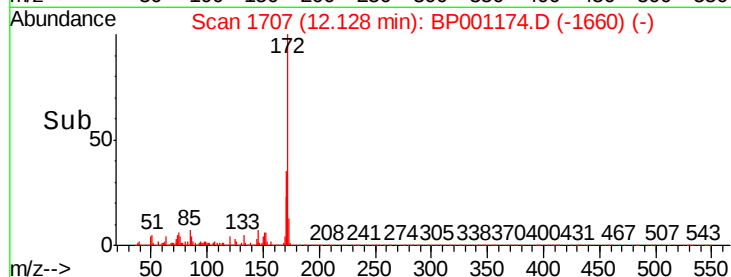
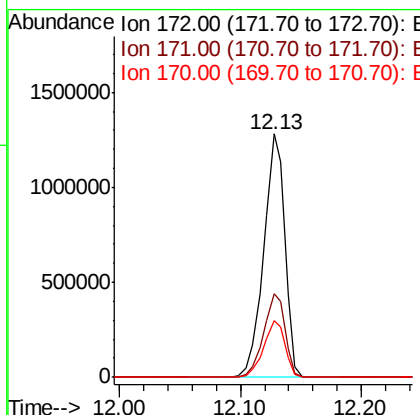
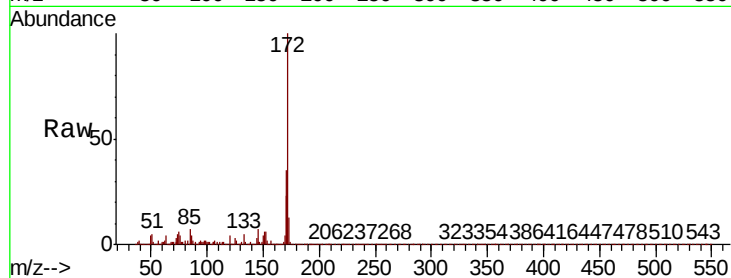




#45
2-Fluorobiphenyl
Concen: 96.847 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

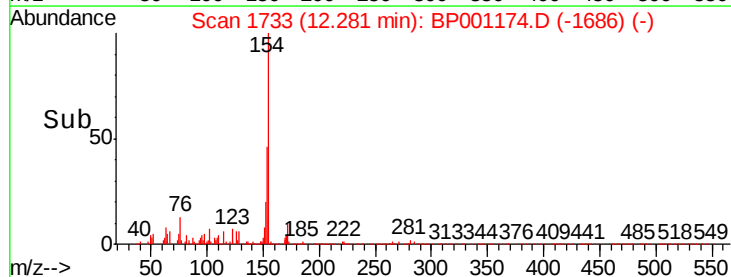
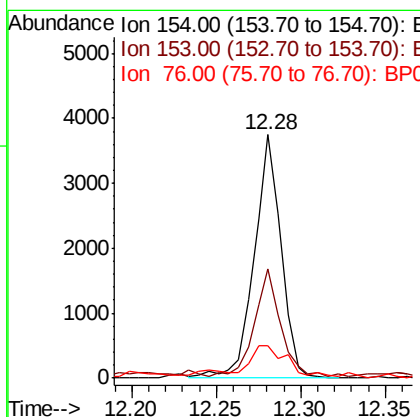
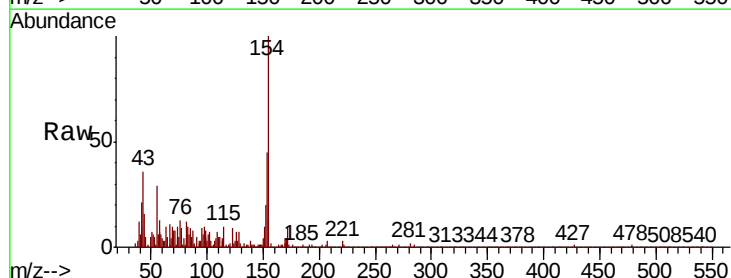
Instrument :
BNA_P
ClientSampleId :

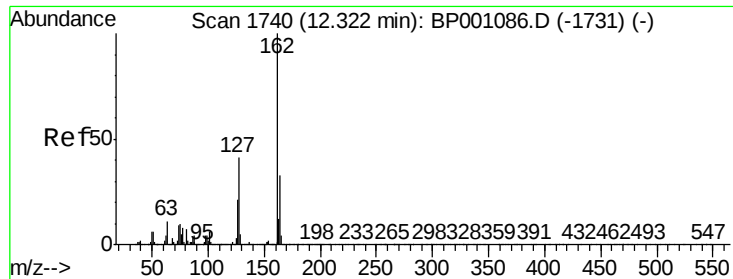
Tot Ion:172 Resp: 1566322
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 0.224 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:154 Resp: 4100
Ion Ratio Lower Upper
154 100
153 45.1 20.2 60.2
76 13.4 0.0 34.5

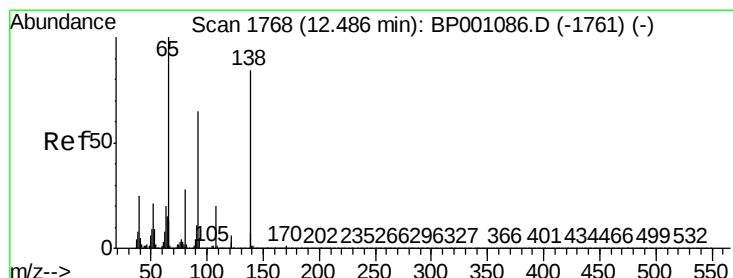
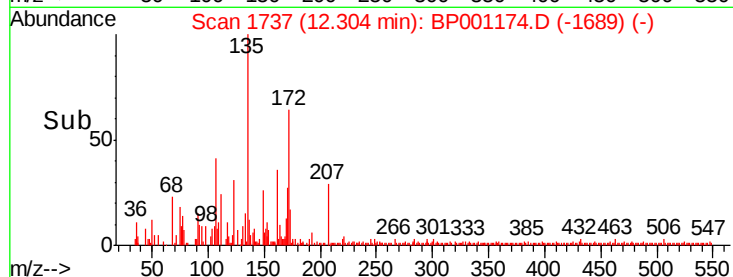
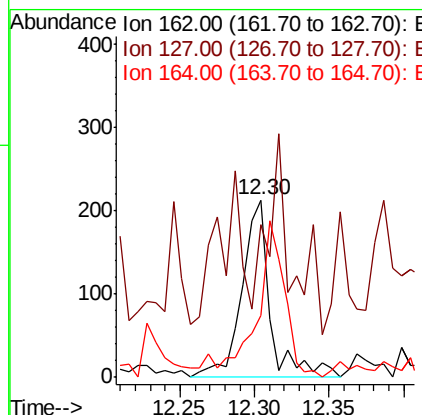
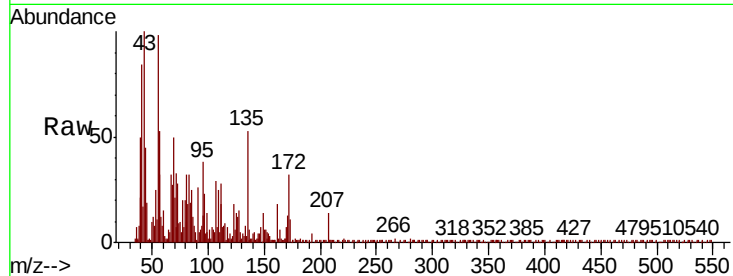




#47
2-Chloronaphthalene
Concen: 0.019 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

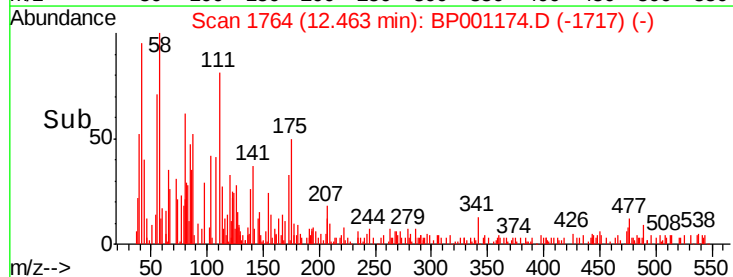
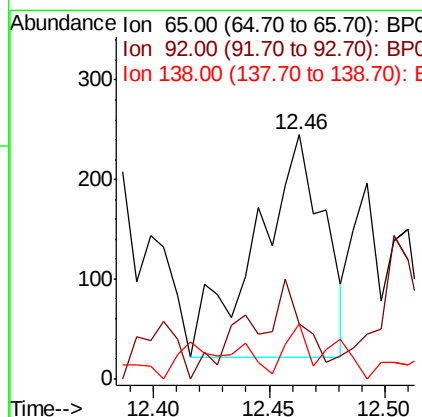
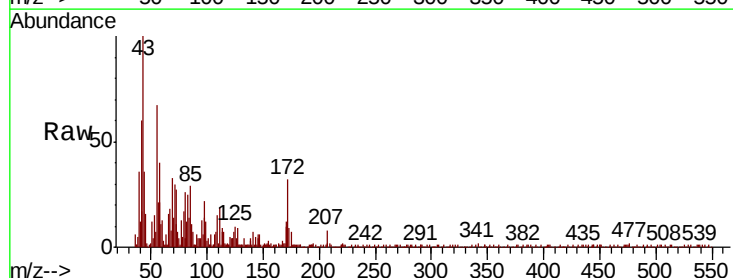
Instrument :
BNA_P
ClientSampled :

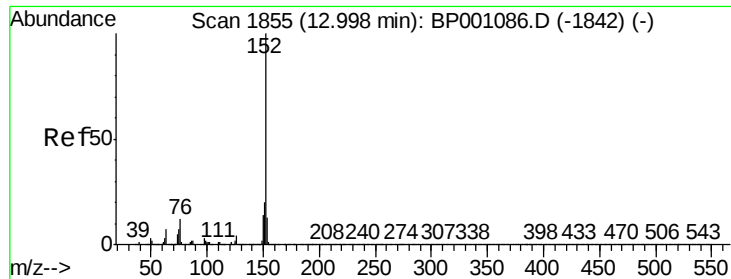
Tot Ion	Ratio	Lower	Upper
162	100		
127	85.9	33.0	49.6#
164	34.7	26.7	40.1



#48
2-Nitroaniline
Concen: 0.079 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	19.6	51.6	77.4#
138	19.6	67.3	100.9#





#49

Acenaphthylene

Concen: 0.032 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001174.D

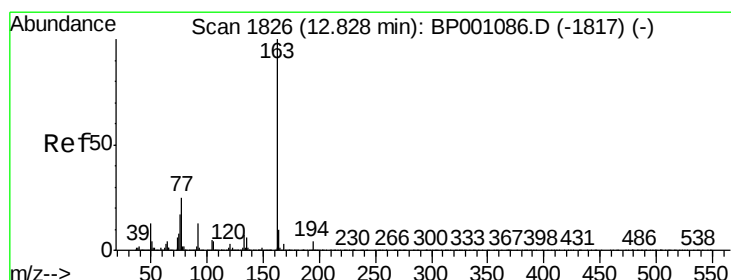
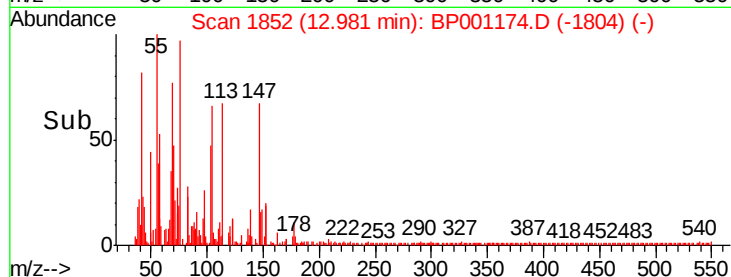
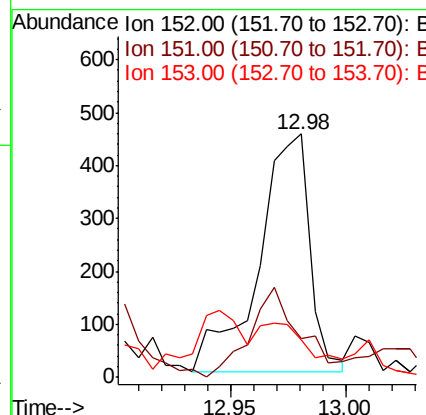
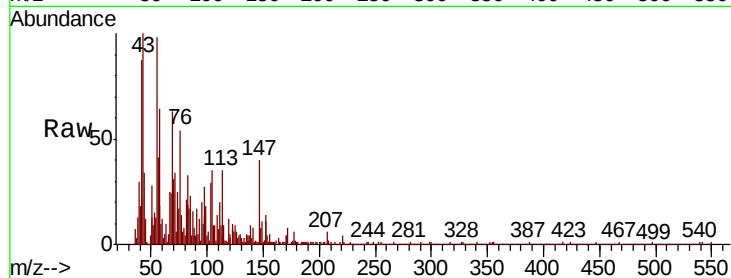
Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	693
Ion	Ratio	Lower	Upper
152	100		
151	15.9	15.8	23.8
153	16.1	10.2	15.4#



#50

Dimethylphthalate

Concen: 5.163 ng

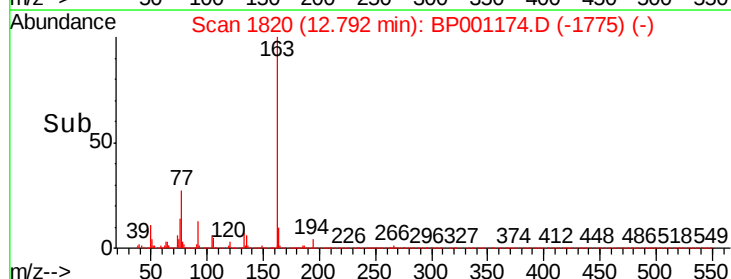
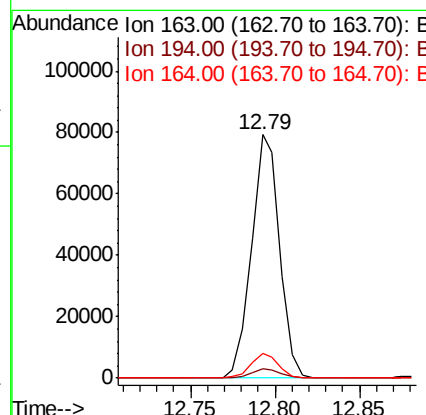
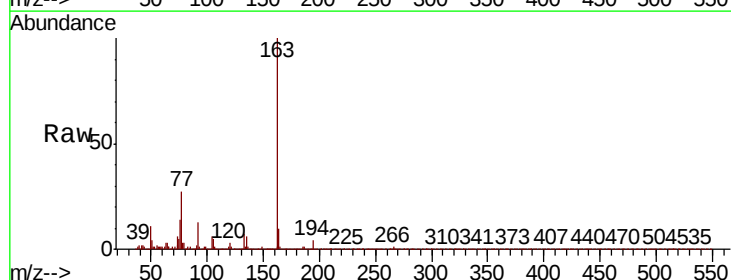
RT: 12.79 min Scan# 1820

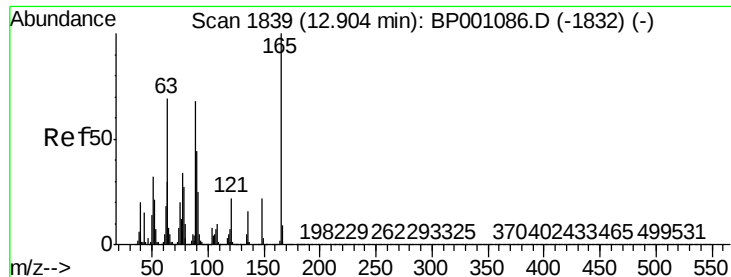
Delta R.T. -0.04 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Tgt Ion:	163	Resp:	91410
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.4	8.1	12.1

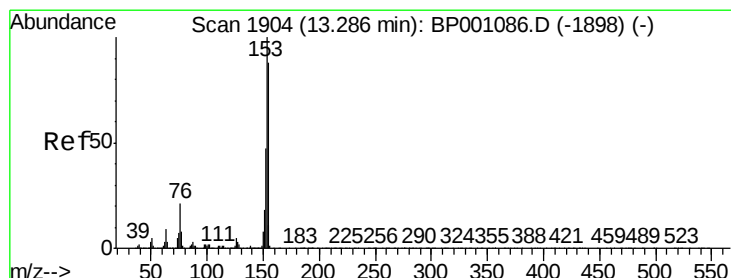
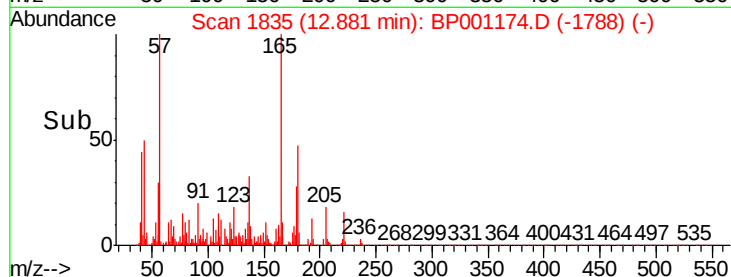
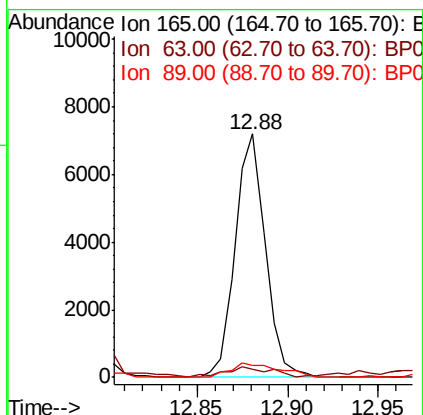
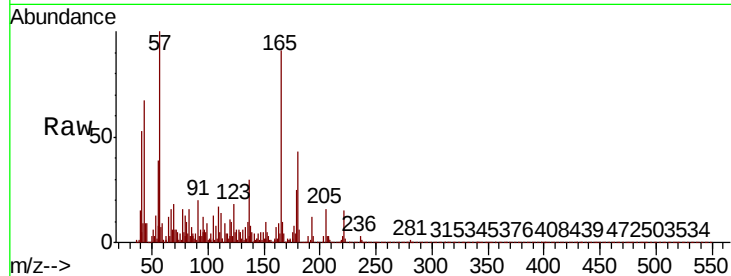




#51
2,6-Dinitrotoluene
Concen: 2.191 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

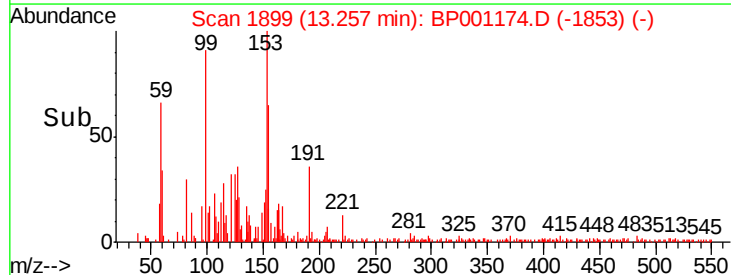
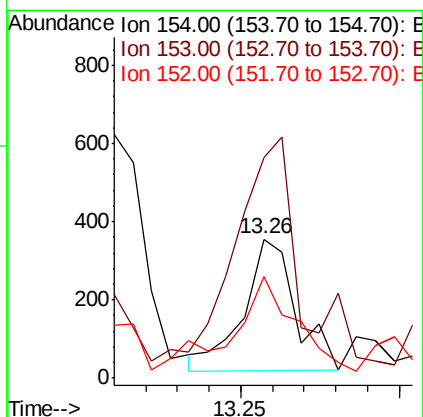
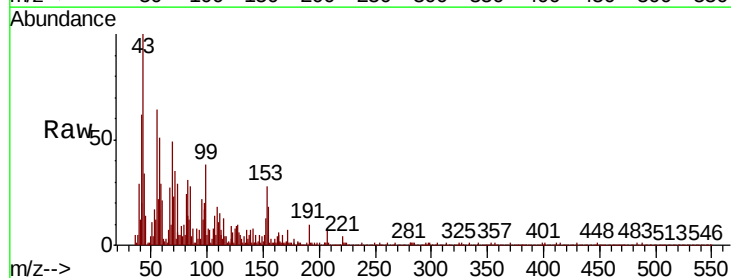
Instrument :
BNA_P
ClientSampleId :

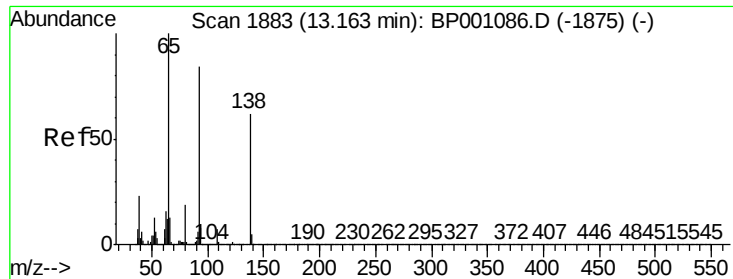
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.3	55.6	83.4#
89	4.9	54.1	81.1#



#52
Acenaphthene
Concen: 0.029 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	158.7	90.5	135.7#
152	72.5	42.6	64.0#

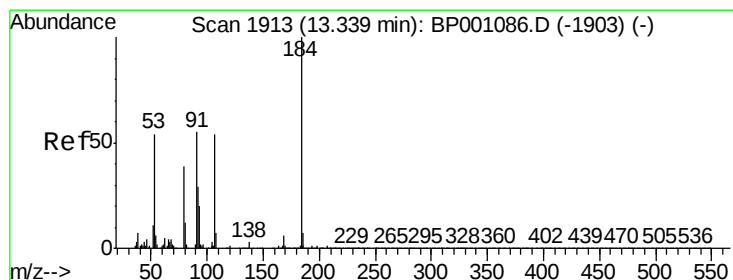
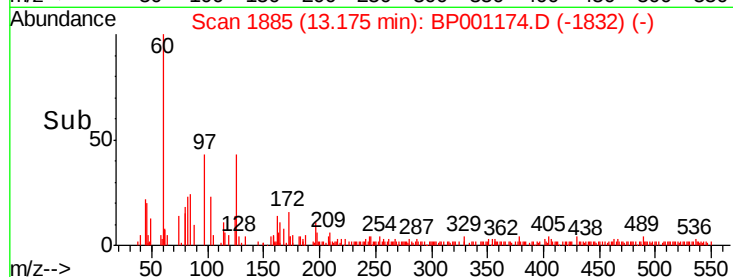
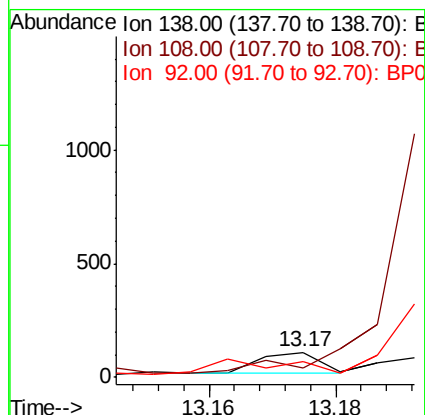
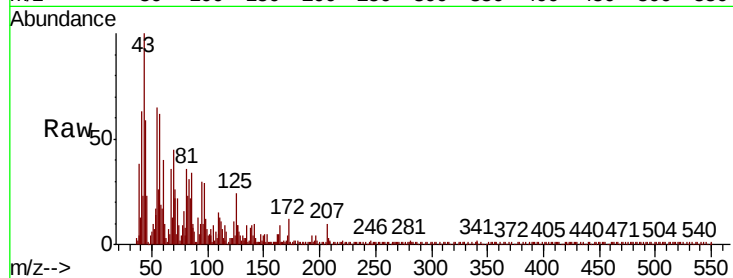




#53
3-Nitroaniline
Concen: 0.014 ng
RT: 13.17 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

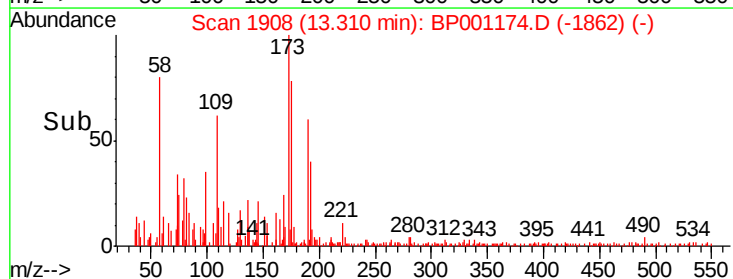
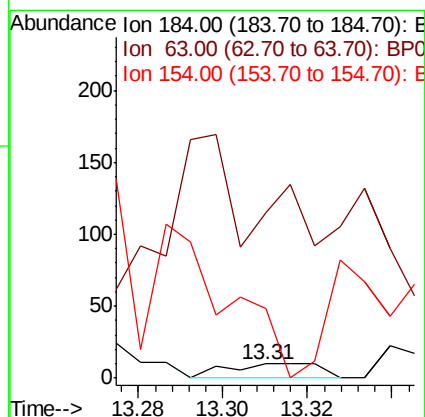
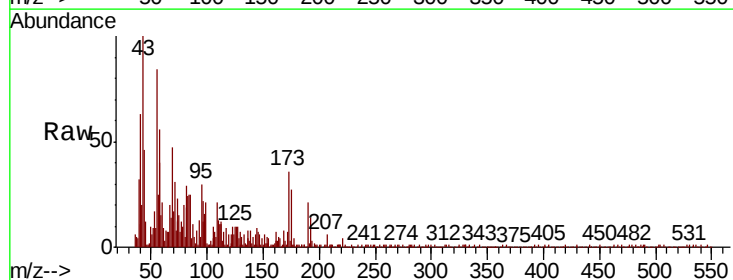
Instrument :
BNA_P
ClientSampleId :

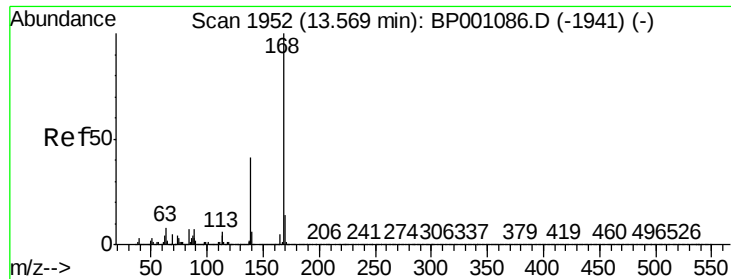
Tot Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
108 35.1 9.2 13.8#
92 62.2 107.8 161.6#



#54
2,4-Dinitrophenol
Concen: 7.118 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 522.7 60.7 91.1#
154 218.2 56.2 84.2#

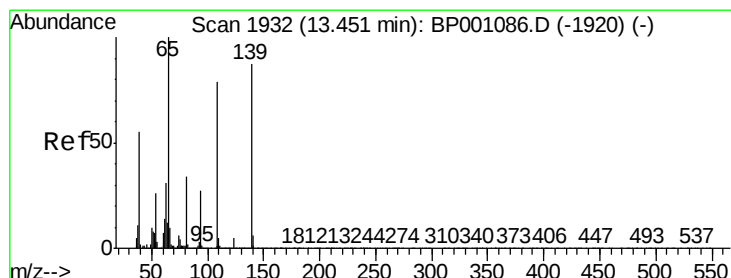
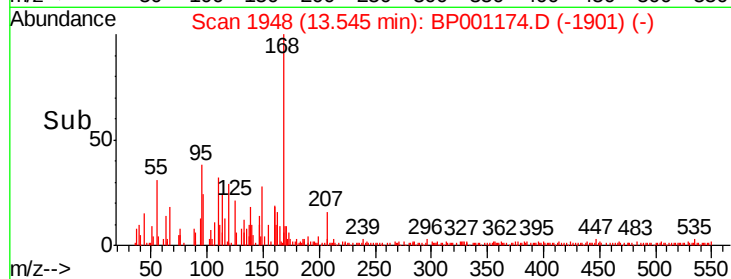
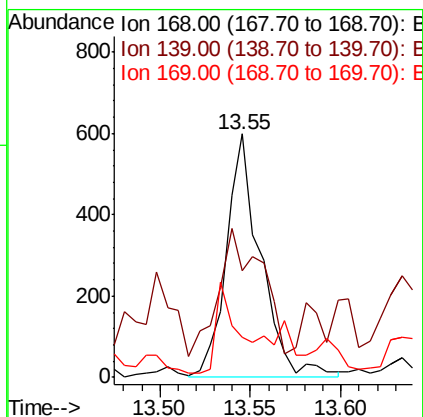
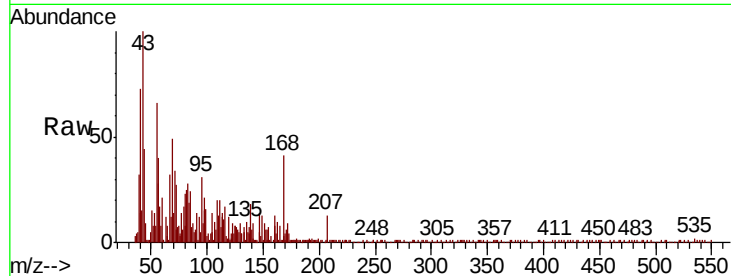




#55
Dibenzofuran
Concen: 0.040 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

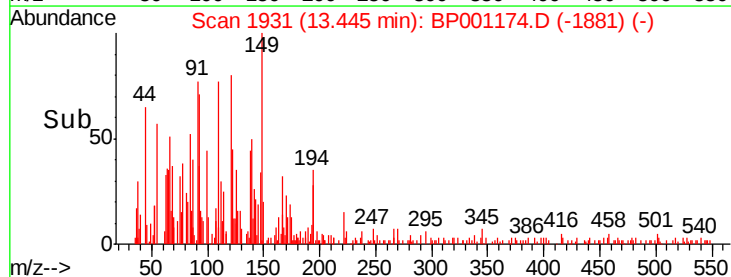
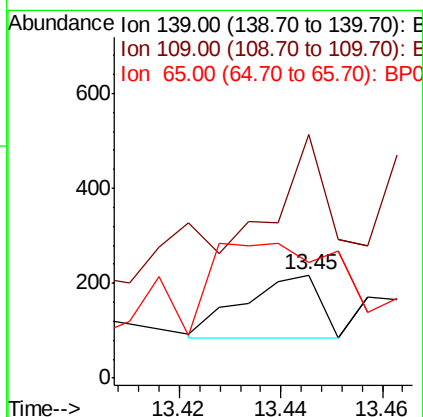
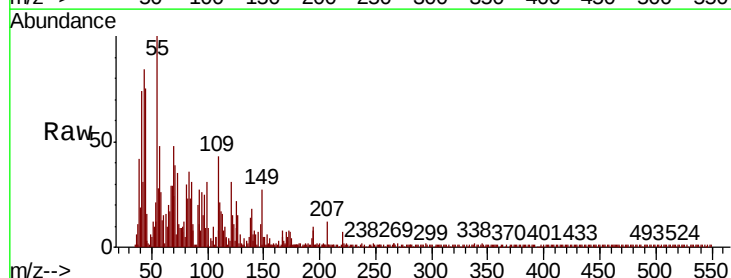
Instrument :
BNA_P
ClientSampleId :

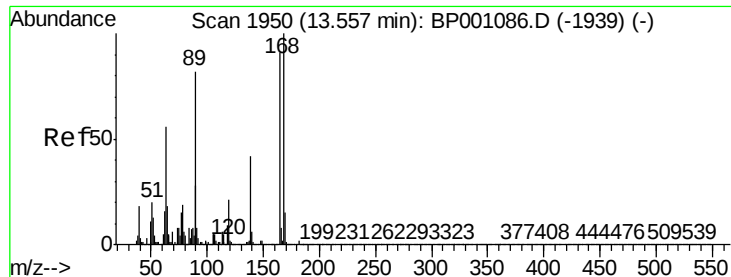
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.7	32.8	49.2
169	16.7	10.9	16.3#



#56
4-Nitrophenol
Concen: 0.045 ng
RT: 13.45 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	235.3	70.9	110.9#
65	111.5	95.2	135.2

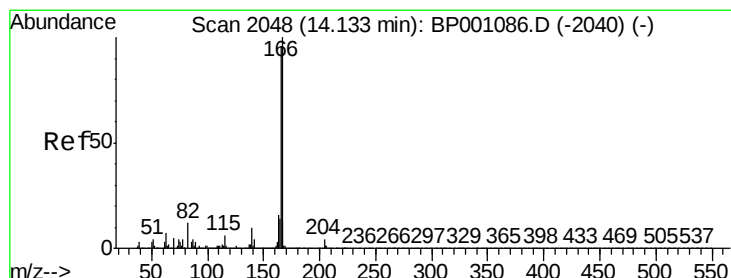
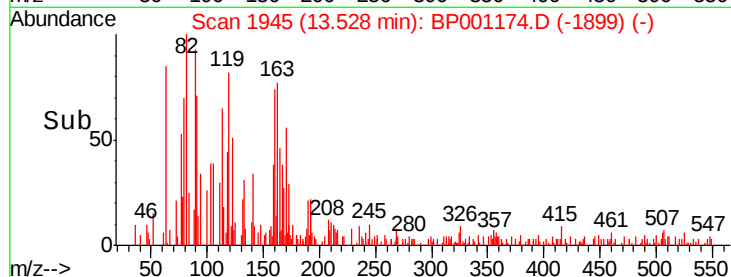
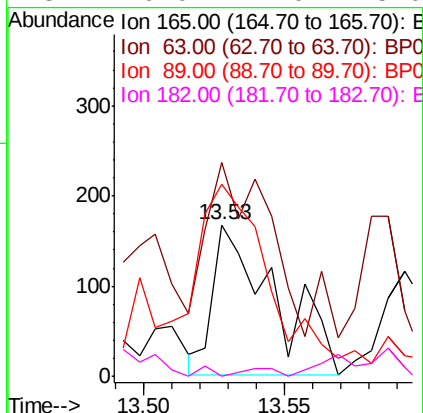
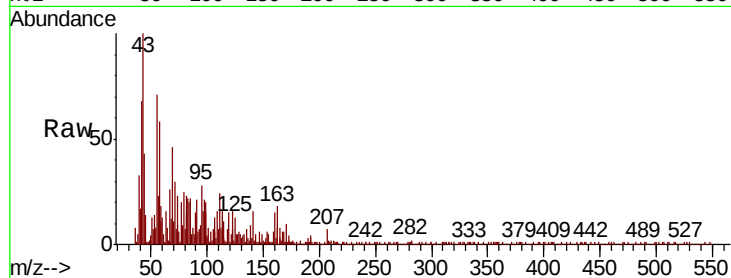




#57
2,4-Dinitrotoluene
Concen: 0.054 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

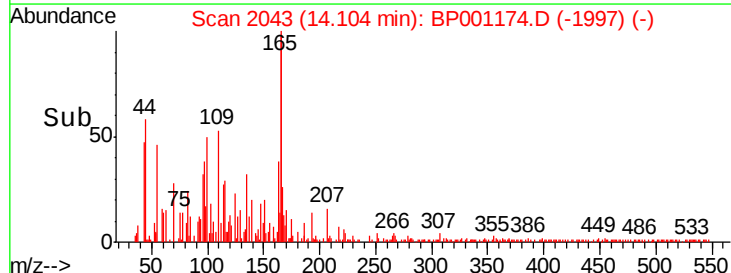
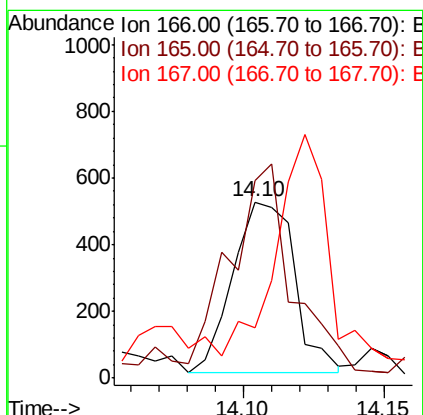
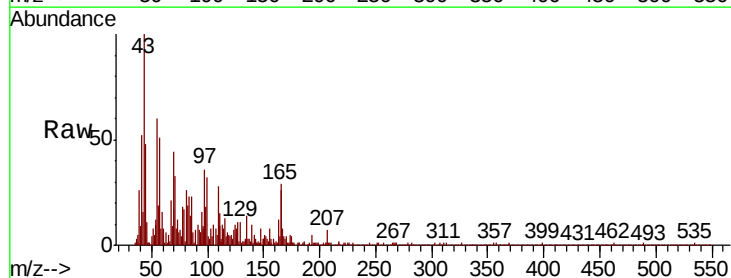
Instrument :
BNA_P
ClientSampleId :

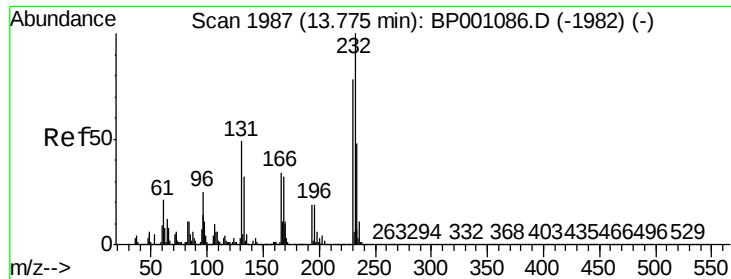
Tot Ion:165 Resp: 256
Ion Ratio Lower Upper
165 100
63 141.1 49.4 74.2#
89 126.8 72.1 108.1#
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 0.049 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:166 Resp: 781
Ion Ratio Lower Upper
166 100
165 112.1 76.7 115.1
167 28.8 10.5 15.7#

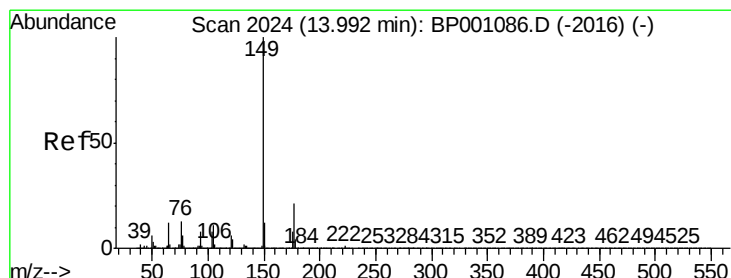
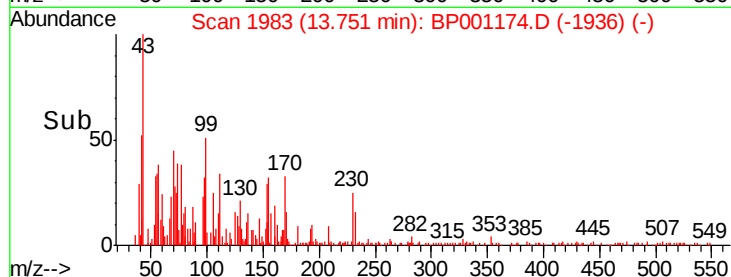
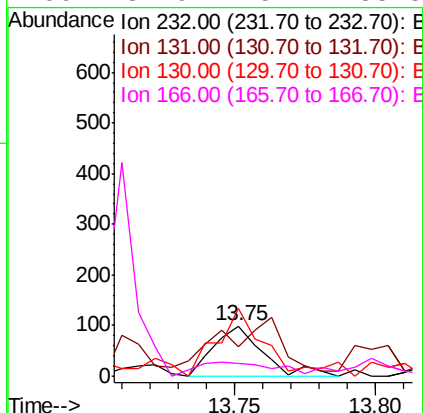
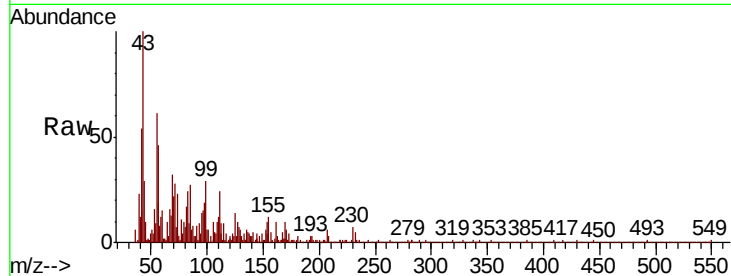




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.029 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

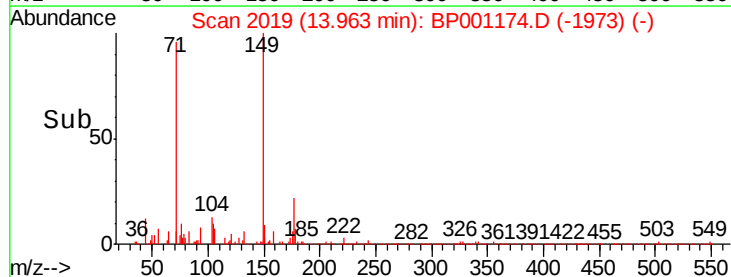
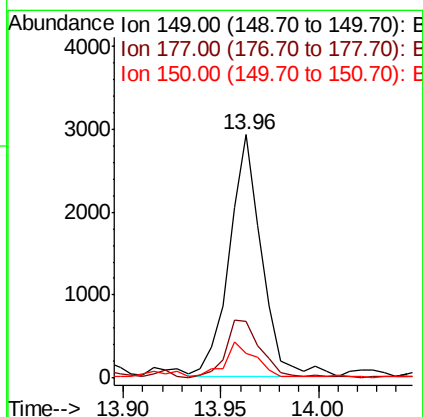
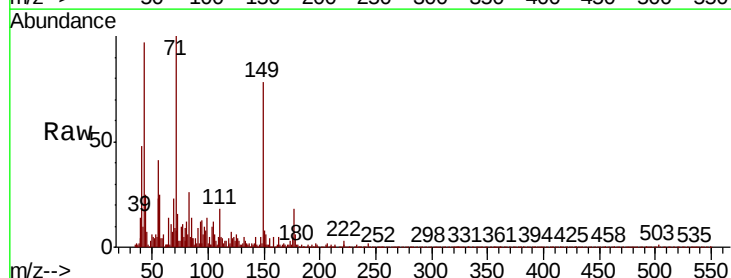
Instrument :
BNA_P
ClientSampleId :

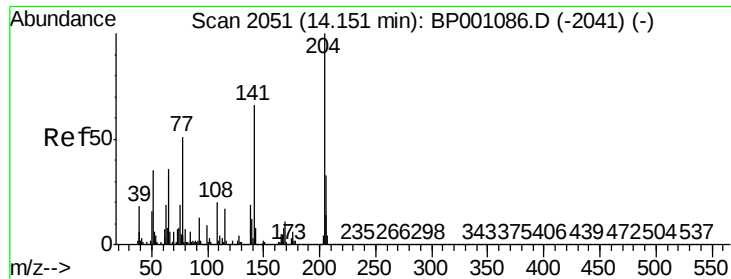
Tot Ion	Ratio	Lower	Upper
232	100		
131	131.9	39.6	59.4#
130	131.9	1.9	2.9#
166	31.9	25.7	38.5



#60
Diethylphthalate
Concen: 0.181 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	17.0	25.6
150	10.0	9.9	14.9

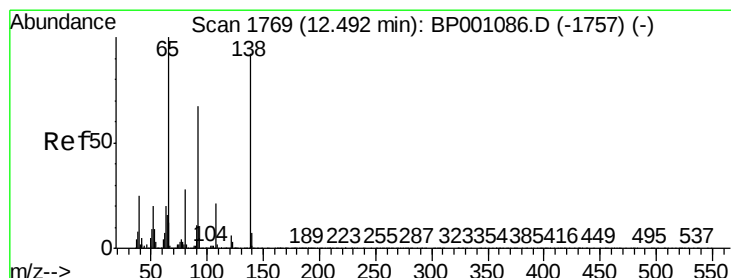
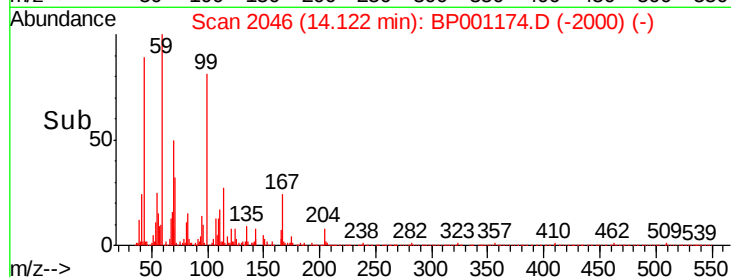
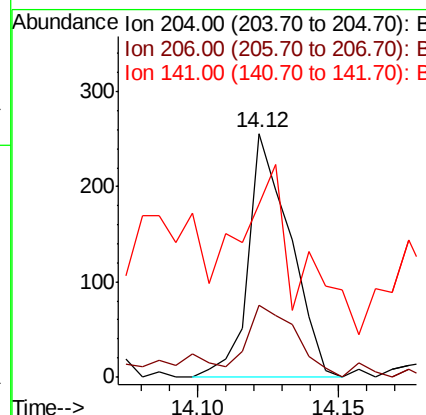
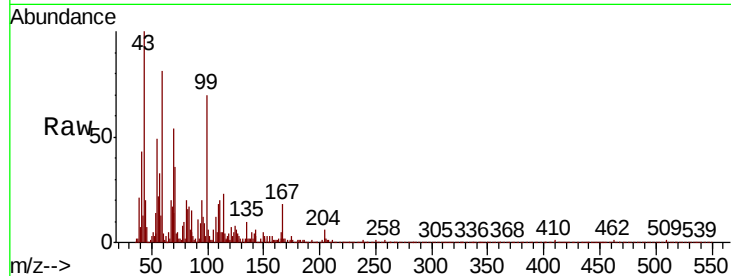




#61
4-Chlorophenyl-phenylether
Concen: 0.033 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

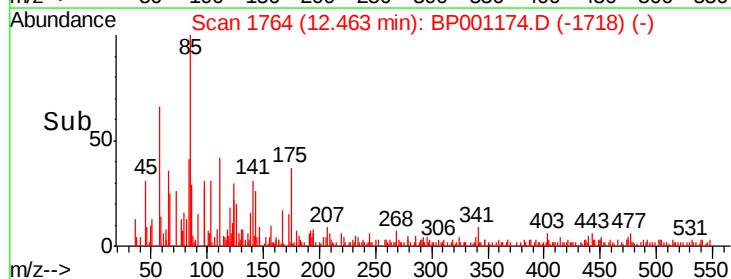
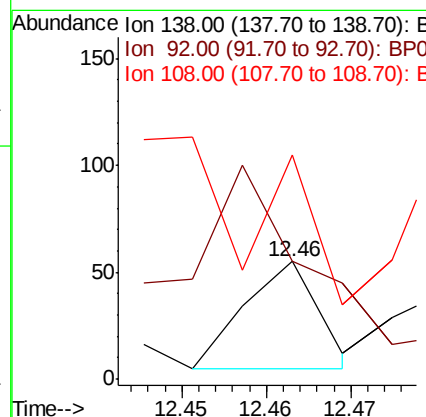
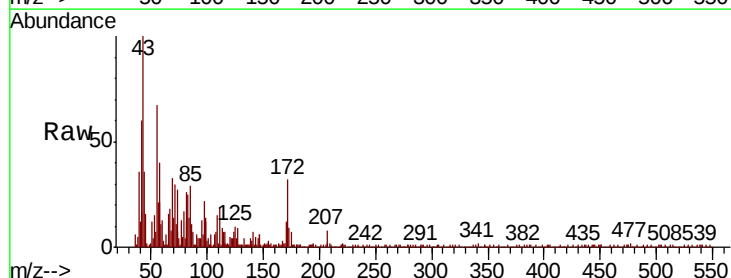
Instrument :
BNA_P
ClientSampleId :

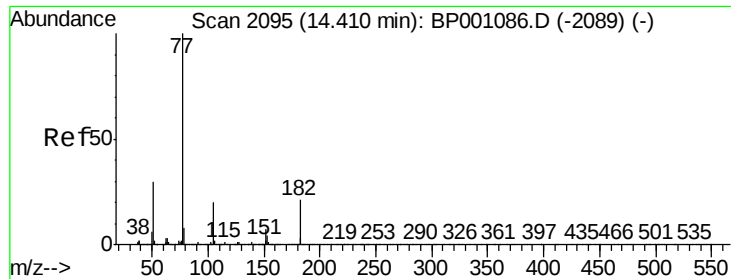
Tot Ion:204 Resp: 263
Ion Ratio Lower Upper
204 100
206 29.7 26.1 39.1
141 71.1 52.7 79.1



#62
4-Nitroaniline
Concen: 0.006 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:138 Resp: 30
Ion Ratio Lower Upper
138 100
92 100.0 53.3 93.3#
108 190.9 3.1 43.1#

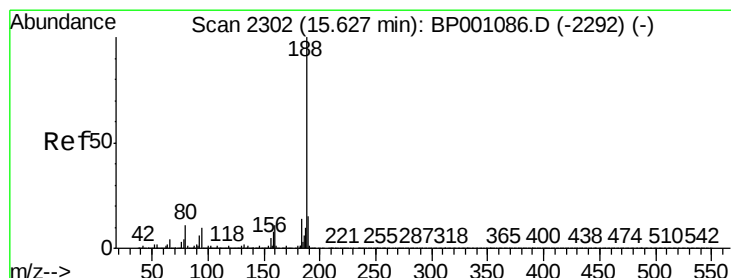
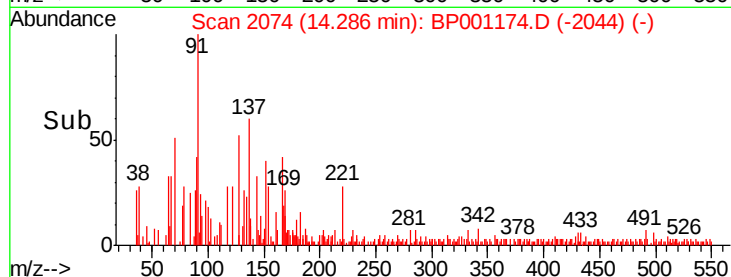
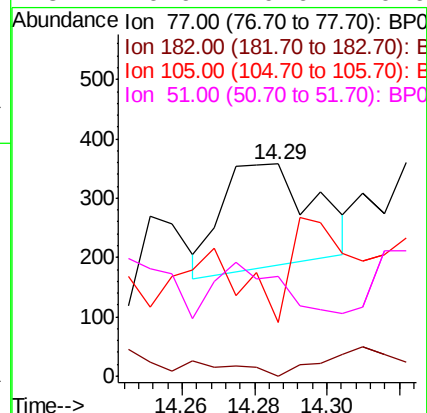
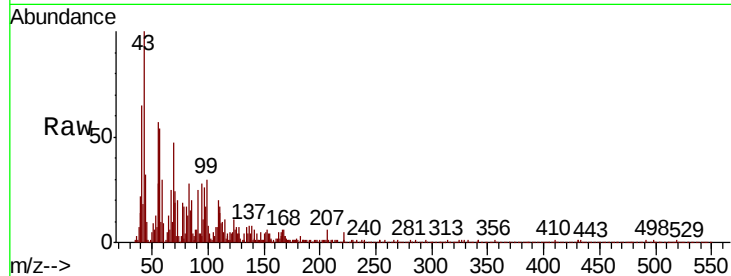




#63
Azobenzene
Concen: 0.016 ng
RT: 14.29 min Scan# 2074
Delta R.T. -0.12 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

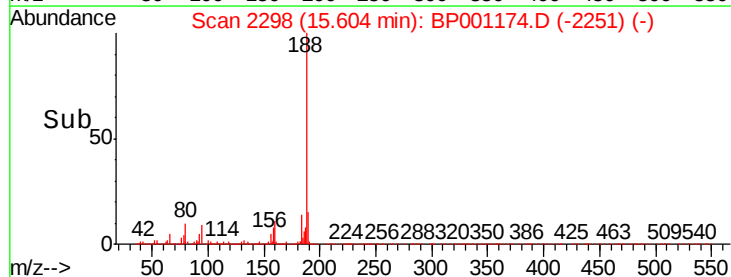
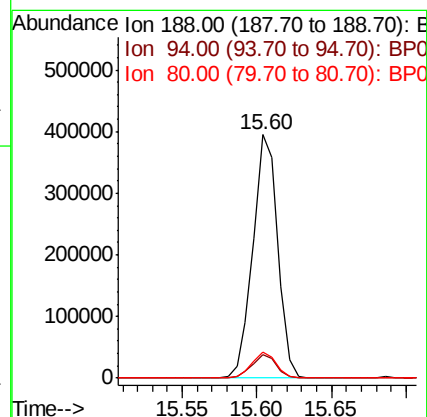
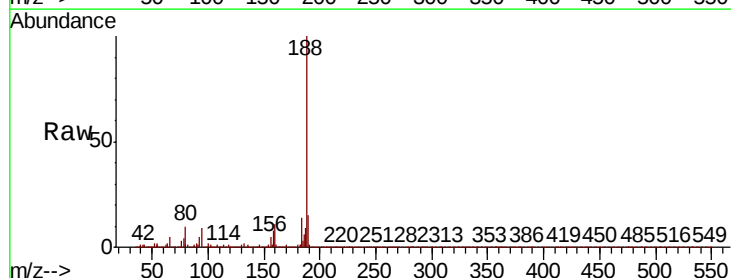
Instrument :
BNA_P
ClientSampled :

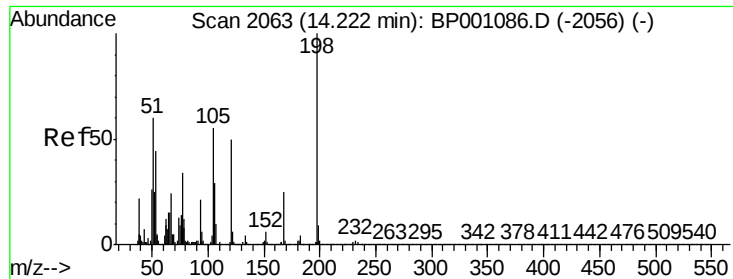
Tot Ion:	77	Resp:	311
Ion	Ratio	Lower	Upper
77	100		
182	1.7	0.8	40.8
105	25.1	0.3	40.3
51	46.9	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:	188	Resp:	450144
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.5	8.8	13.2

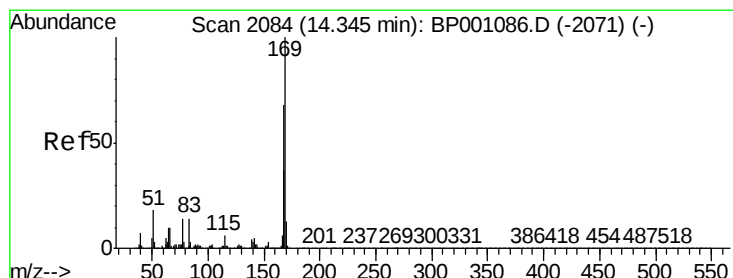
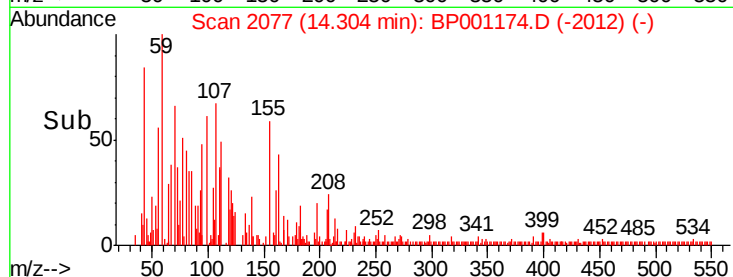
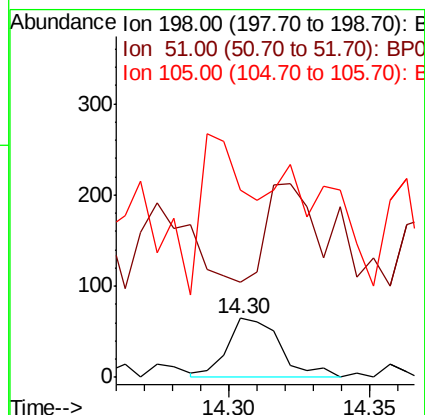
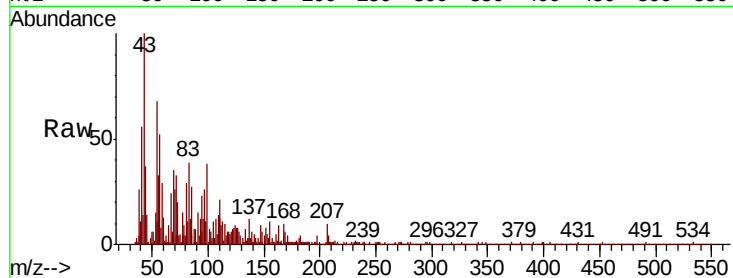




#65
4,6-Dinitro-2-methylphenol
Concen: 6.314 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.08 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

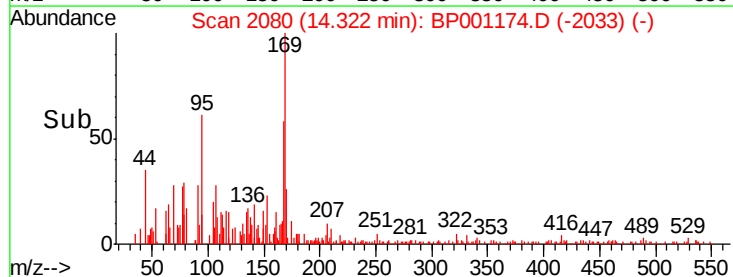
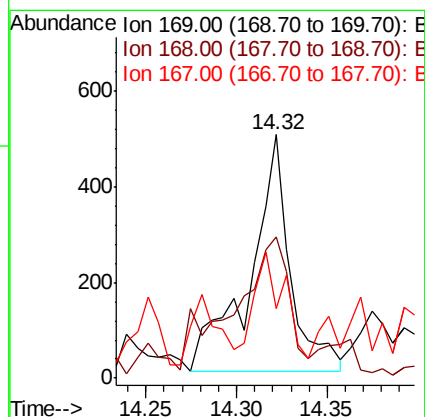
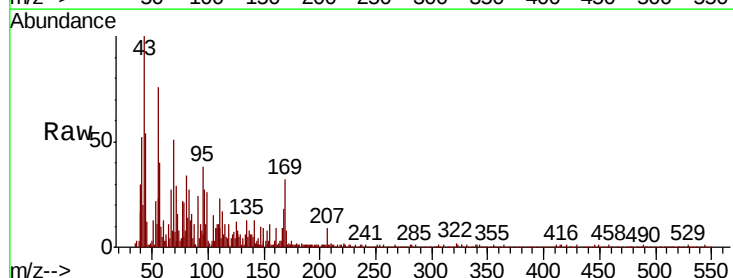
Instrument :
BNA_P
ClientSampleId :

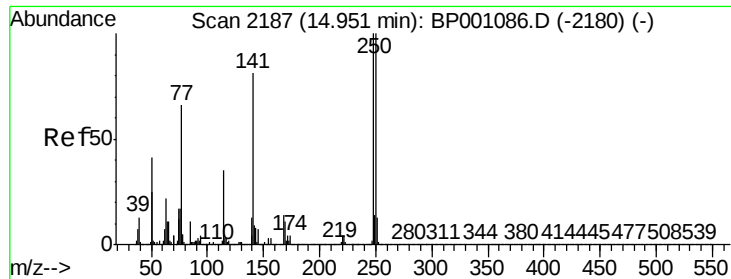
Tot Ion	Ratio	Lower	Upper
198	100		
51	161.5	40.5	80.5#
105	316.9	35.7	75.7#



#66
n-Nitrosodiphenylamine
Concen: 0.056 ng
RT: 14.32 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.0	54.1	81.1
167	28.7	29.5	44.3#

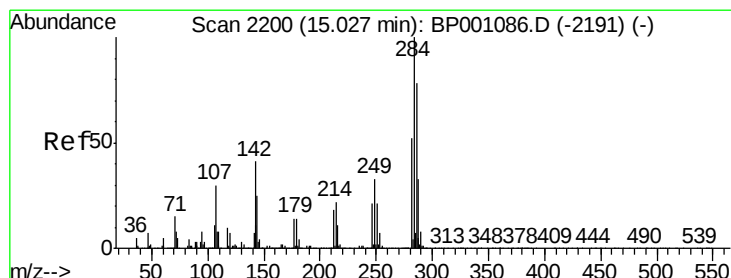
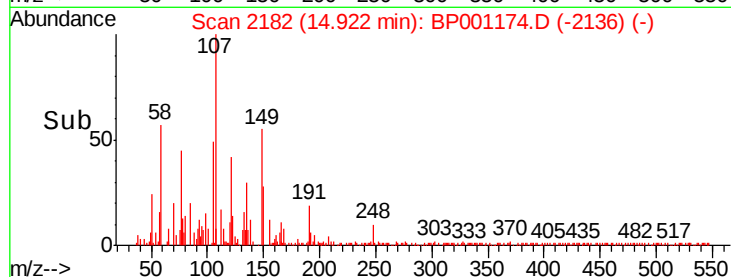
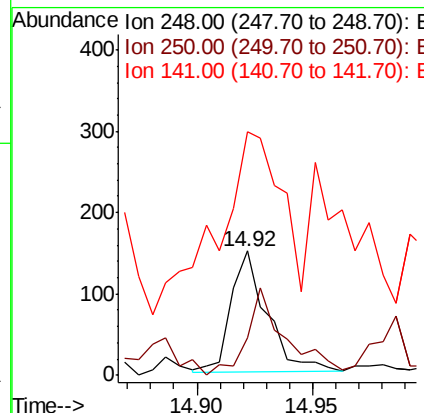
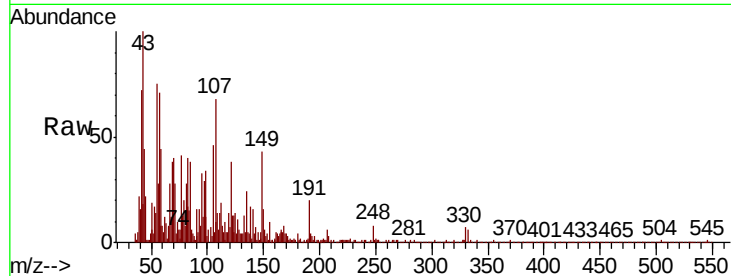




#67
4-Bromophenyl-phenylether
Concen: 0.033 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

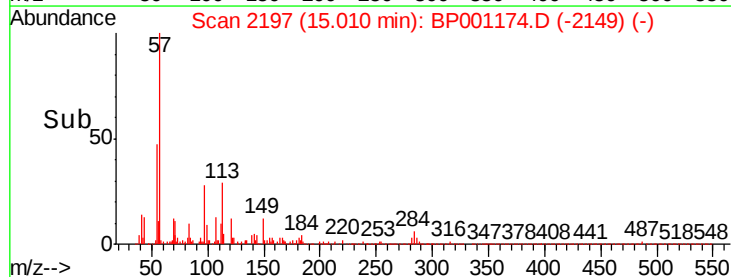
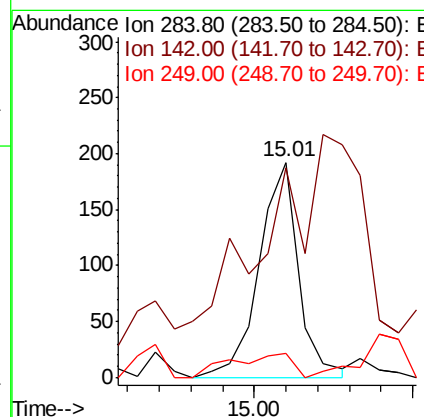
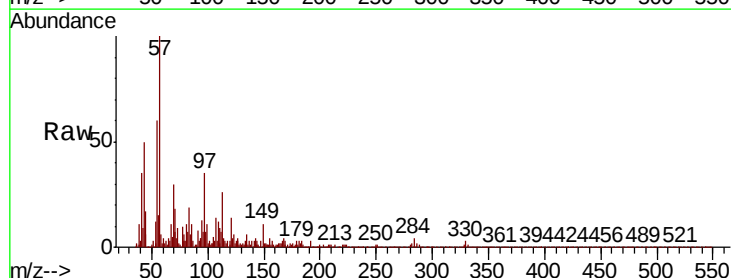
Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	30.1	80.3	120.5#
141	195.4	64.9	97.3#



#68
Hexachlorobenzene
Concen: 0.031 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	95.4	33.2	49.8#
249	11.2	26.2	39.4#

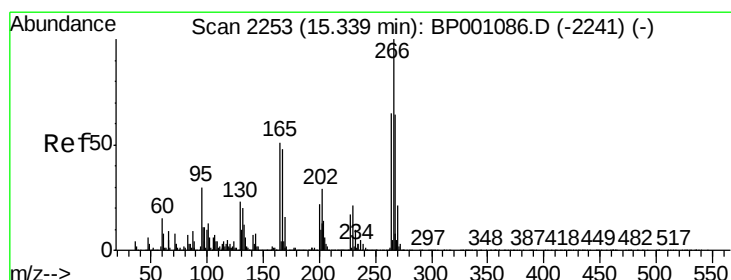
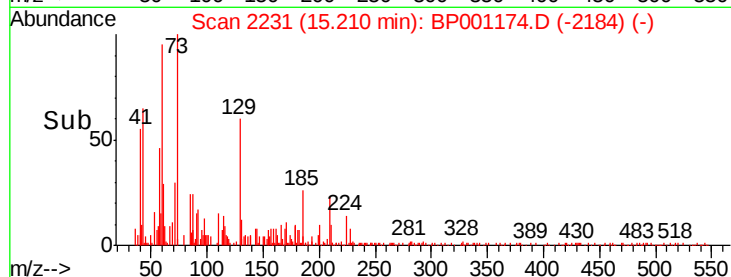
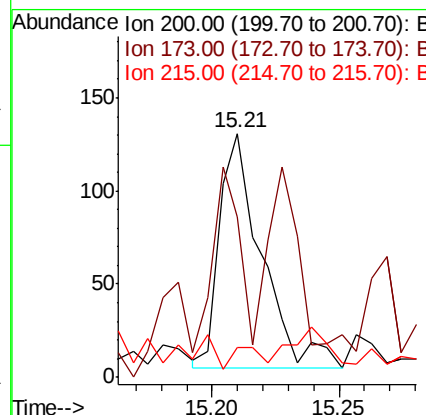
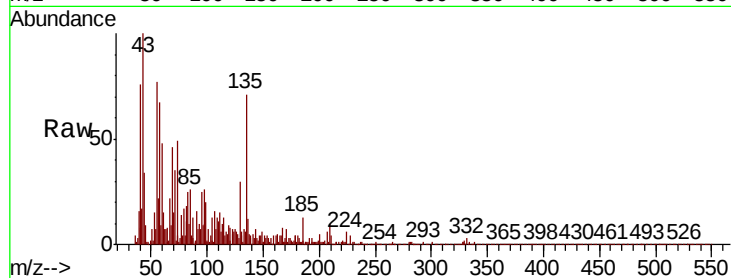




#69
Atrazine
Concen: 0.035 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

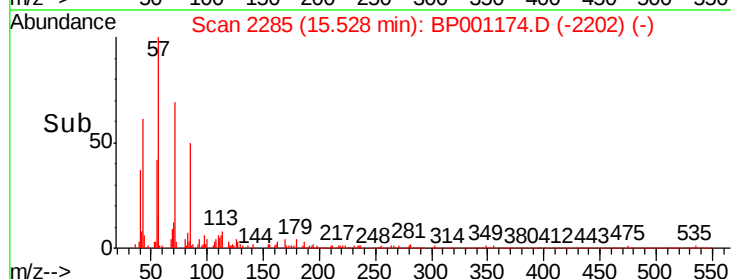
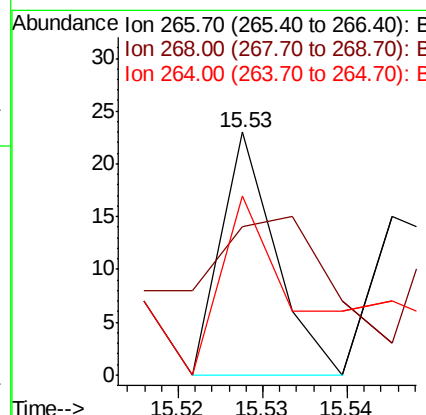
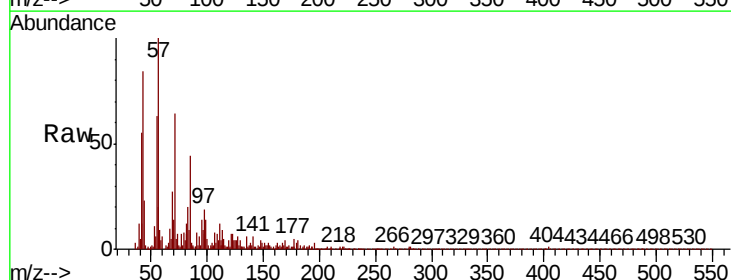
Instrument :
BNA_P
ClientSampleId :

Tot Ion:200 Resp: 145
Ion Ratio Lower Upper
200 100
173 65.6 6.7 46.7#
215 23.7 27.9 67.9#



#70
Pentachlorophenol
Concen: 0.004 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.19 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
268 60.9 51.6 77.4
264 73.9 52.2 78.4





#71

Phenanthrene

Concen: 0.083 ng

RT: 15.64 min Scan# 2304

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

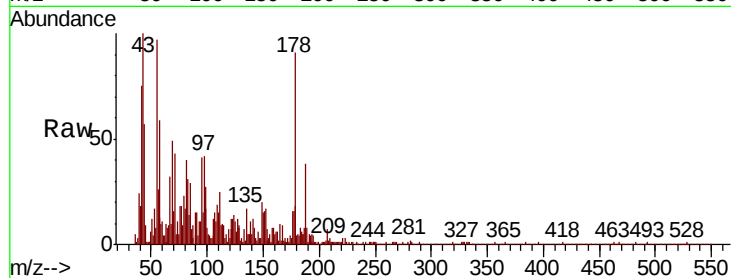
Tot Ion:178 Resp: 1958

Ion Ratio Lower Upper

178 100

176 17.5 15.4 23.2

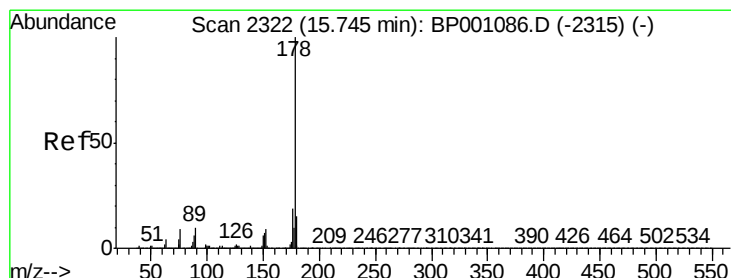
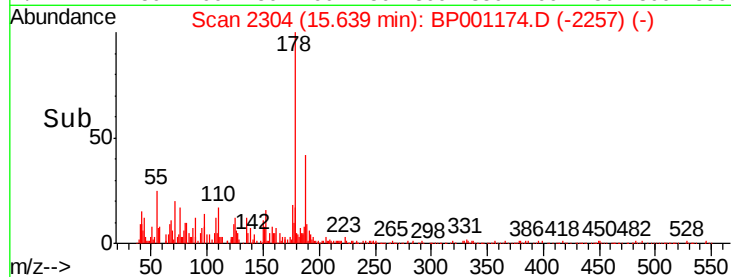
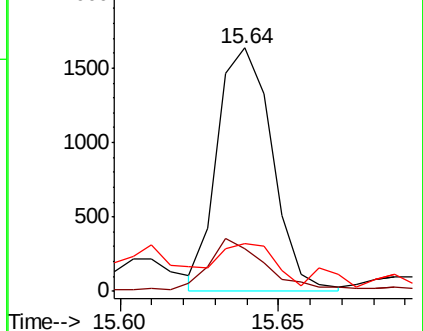
179 19.7 12.5 18.7#



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: 0.037 ng

RT: 15.72 min Scan# 2318

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

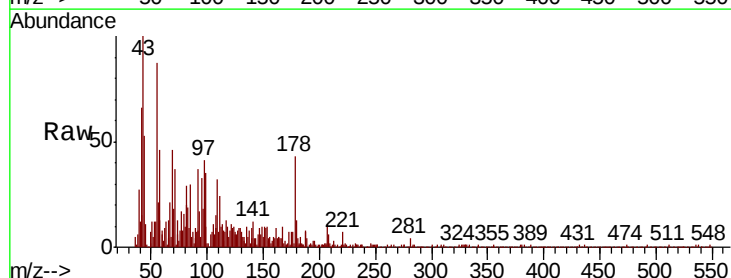
Tgt Ion:178 Resp: 869

Ion Ratio Lower Upper

178 100

176 16.8 14.9 22.3

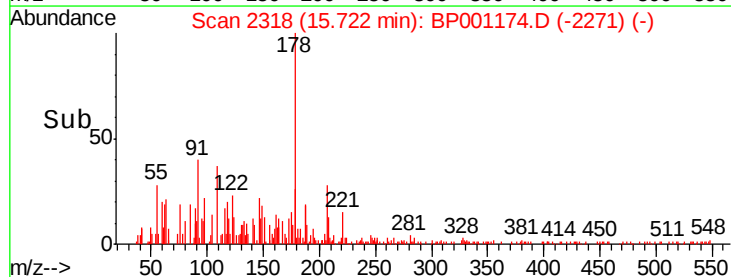
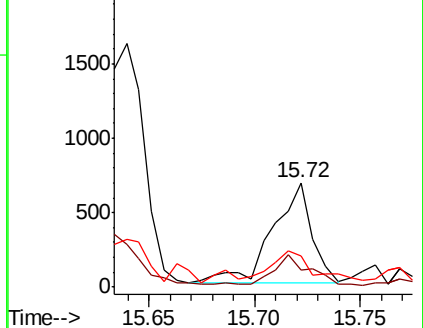
179 30.2 12.2 18.4#

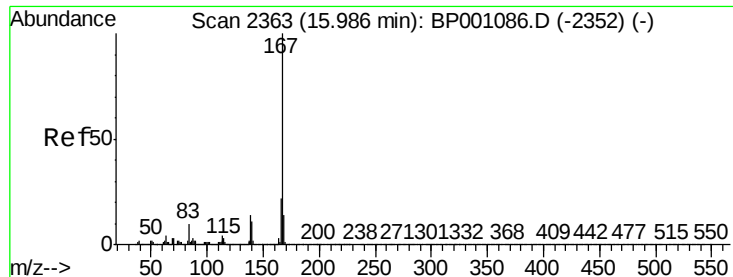


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

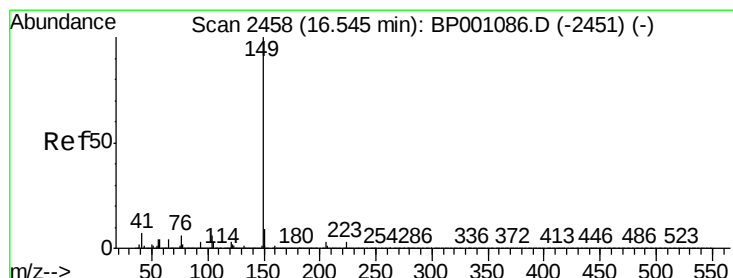
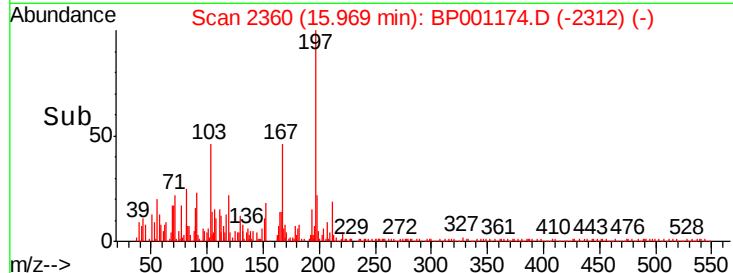
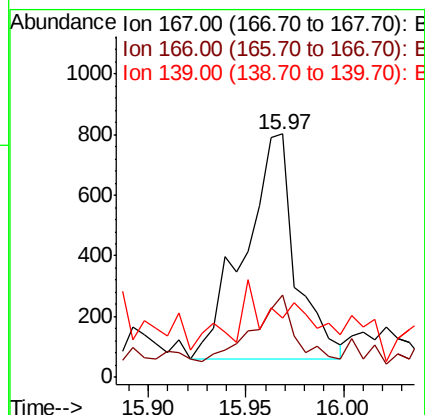
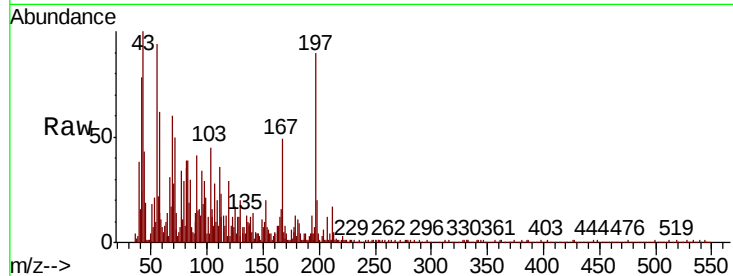




#73
 Carbazole
 Concen: 0.064 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BP001174.D
 Acq: 04 Dec 2019 00:37

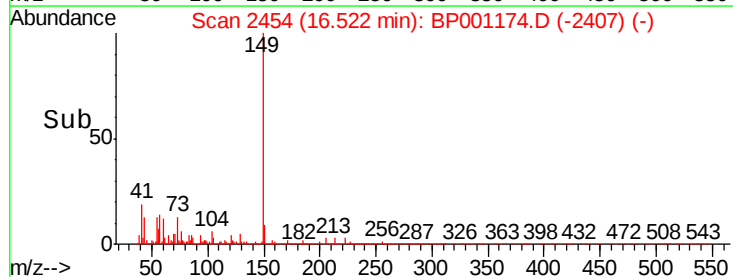
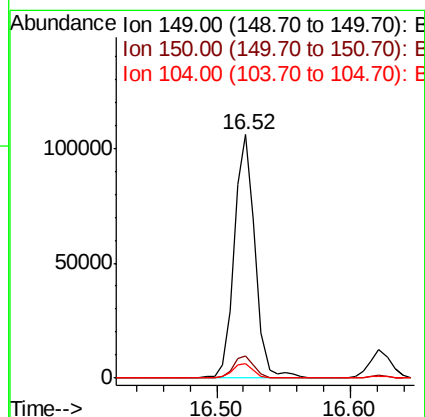
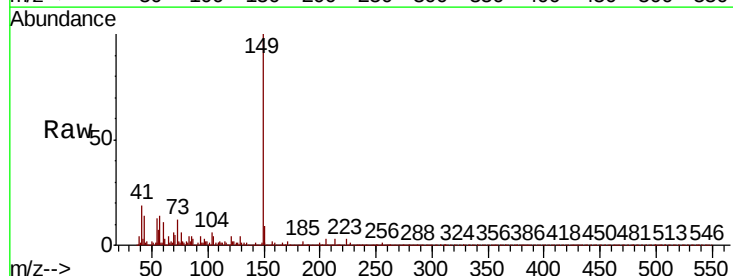
Instrument :
 BNA_P
 ClientSampled :

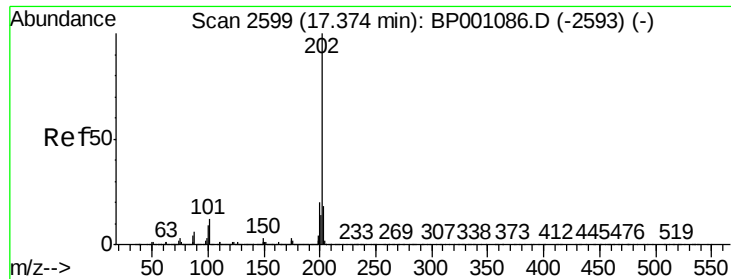
Tot Ion:167 Resp: 1357
 Ion Ratio Lower Upper
 167 100
 166 33.7 17.2 25.8#
 139 24.2 11.3 16.9#



#74
 Di-n-butylphthalate
 Concen: 4.023 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. -0.02 min
 Lab File: BP001174.D
 Acq: 04 Dec 2019 00:37

Tgt Ion:149 Resp: 114812
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 0.053 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.02 min

Lab File: BP001174.D

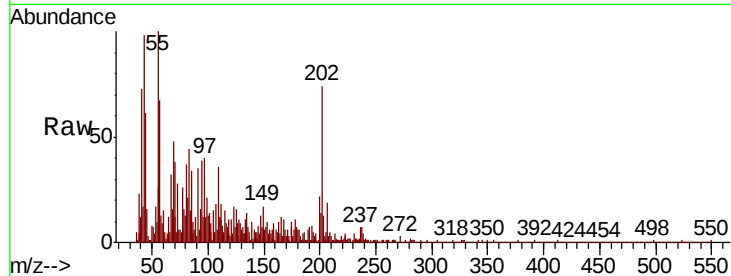
Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

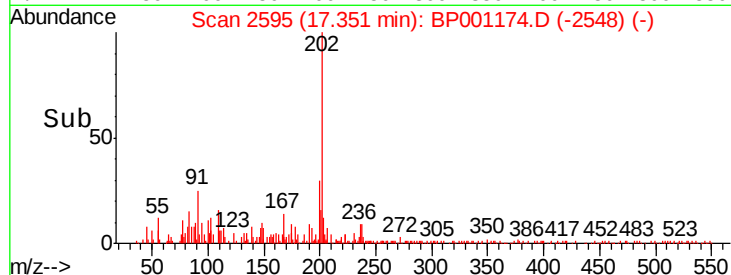
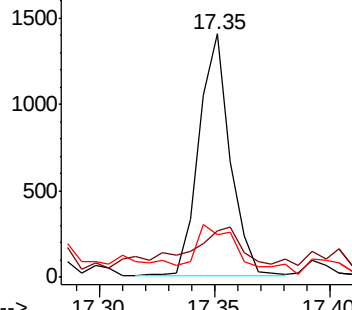
Tot Ion:	202	Resp:	1328
Ion	Ratio	Lower	Upper
202	100		
101	19.3	0.0	32.1
203	17.4	0.0	37.8



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

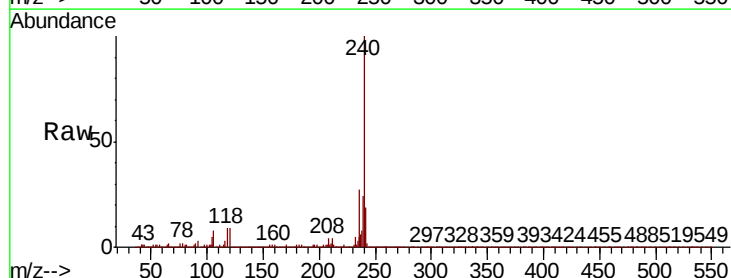
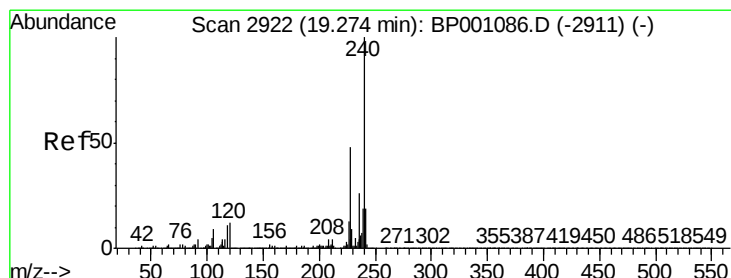
RT: 19.25 min Scan# 2918

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

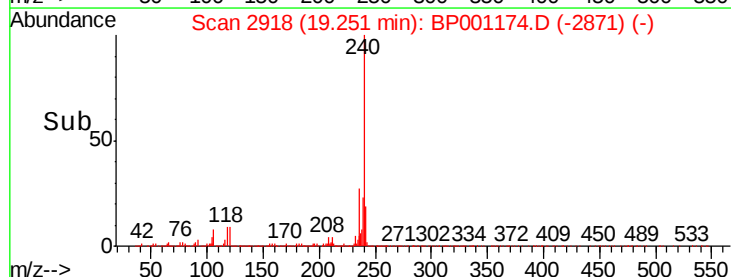
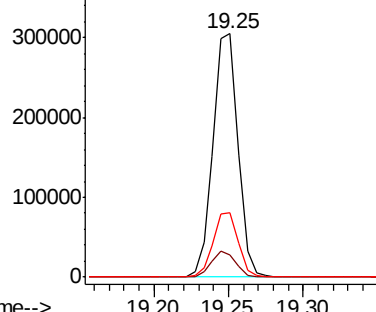
Tgt Ion:	240	Resp:	354493
Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.5	20.4	30.6



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: 0.007 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.03 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

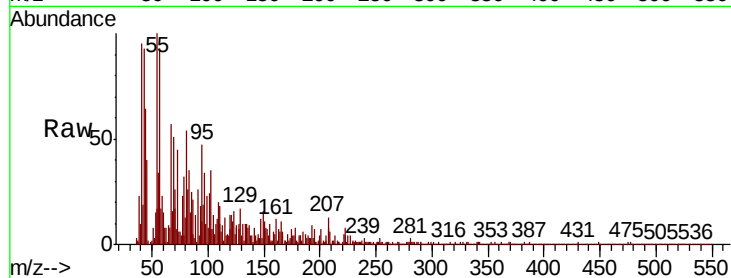
Tot Ion:184 Resp: 68

Ion Ratio Lower Upper

184 100

185 277.1 12.2 18.4#

183 204.2 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

400

300

200

100

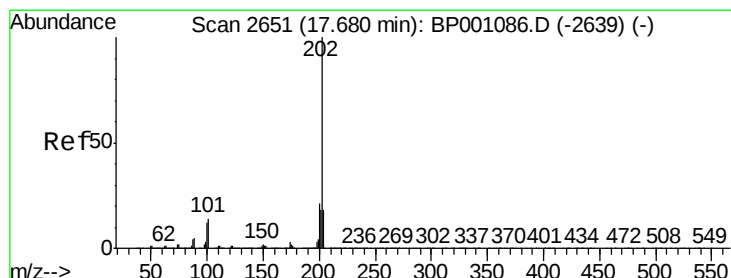
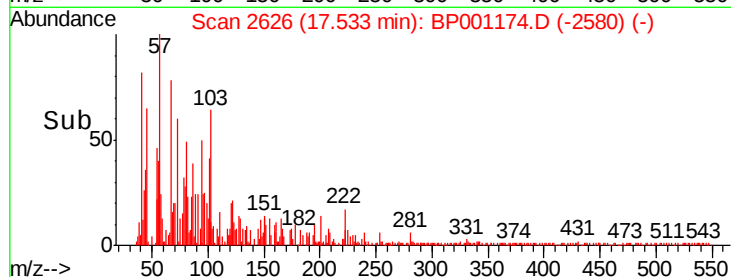
0

17.53

17.54

17.56

Time-->



#78

Pyrene

Concen: 0.054 ng

RT: 17.66 min Scan# 2647

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

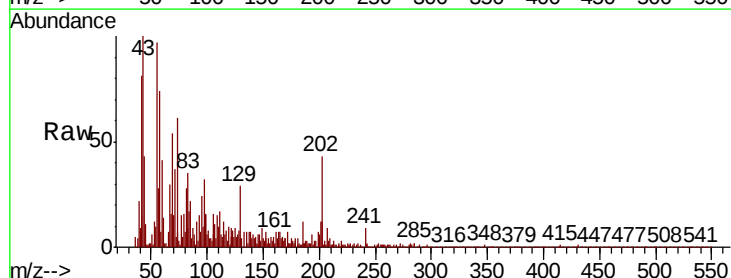
Tgt Ion:202 Resp: 1520

Ion Ratio Lower Upper

202 100

200 15.1 17.0 25.6#

203 28.1 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

2000

1500

1000

500

0

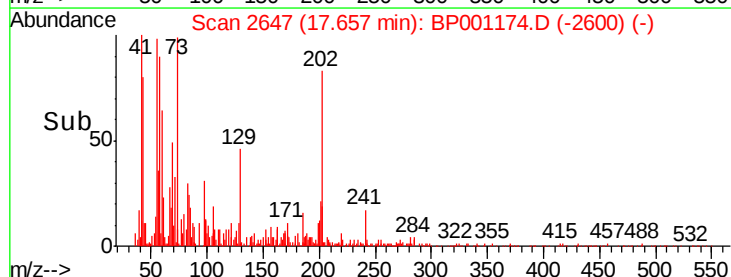
17.66

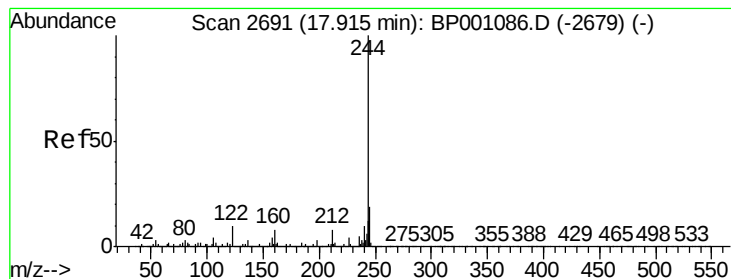
17.60

17.65

17.70

Time-->





#79

Terphenyl-d14

Concen: 97.181 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

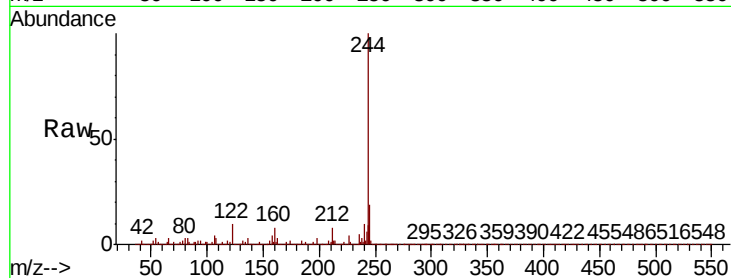
Tot Ion:244 Resp: 1862062

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

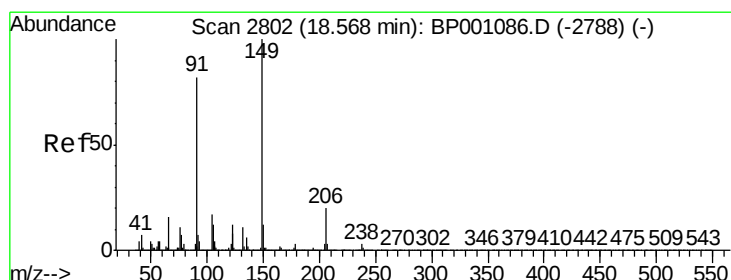
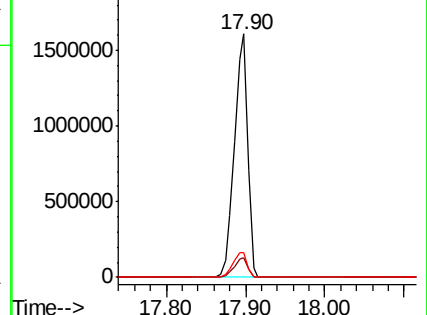
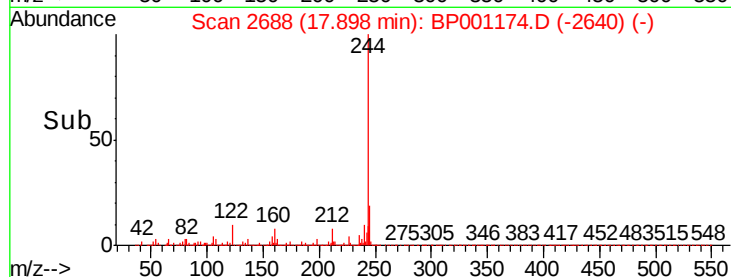
122 10.3 8.2 12.2



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: 0.124 ng

RT: 18.54 min Scan# 2797

Delta R.T. -0.03 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

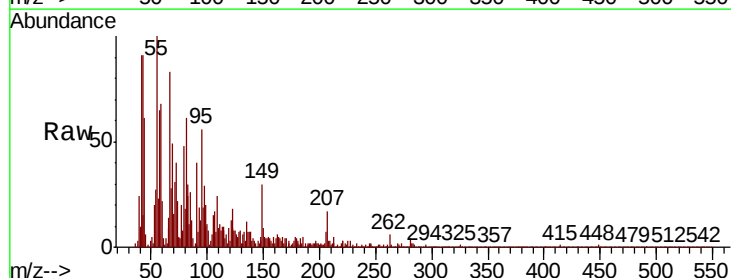
Tgt Ion:149 Resp: 1601

Ion Ratio Lower Upper

149 100

91 133.8 65.4 98.2#

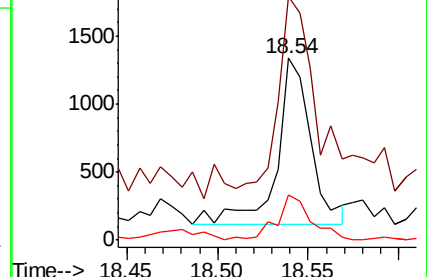
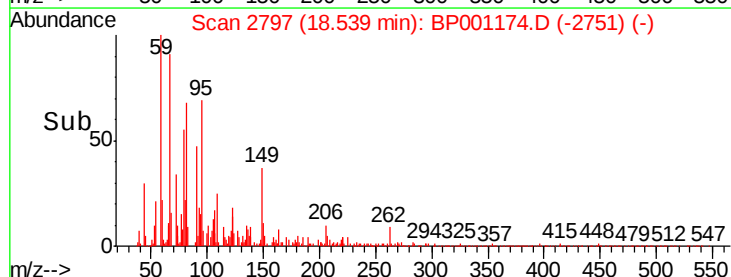
206 24.8 16.0 24.0#

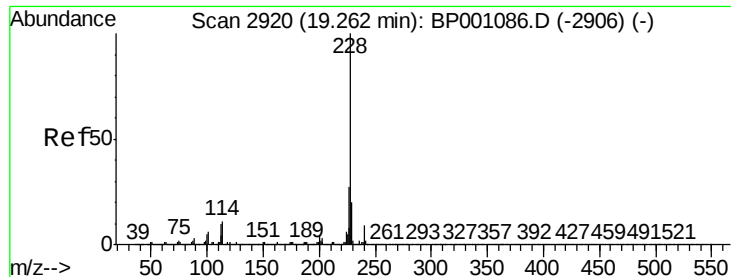


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

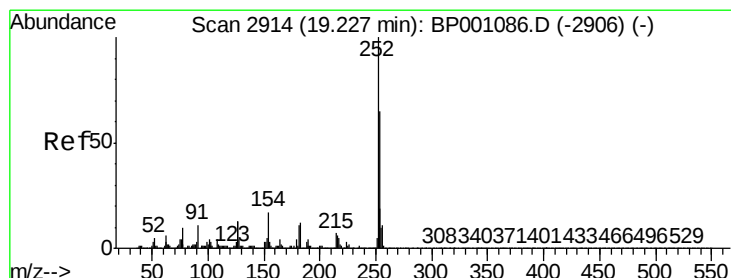
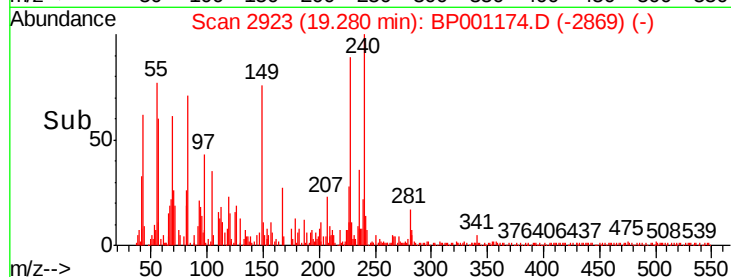
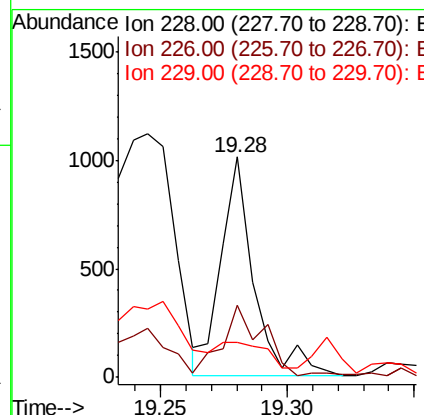
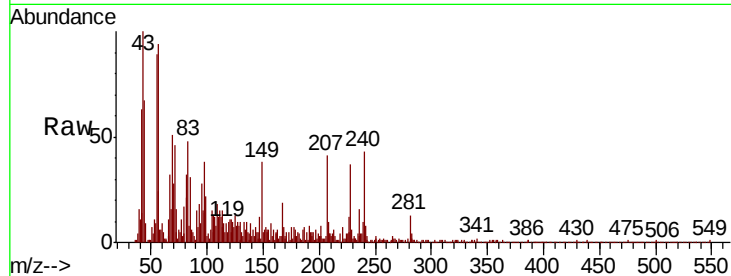




#81
Benzo(a)anthracene
Concen: 0.037 ng
RT: 19.28 min Scan# 2923
Delta R.T. 0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

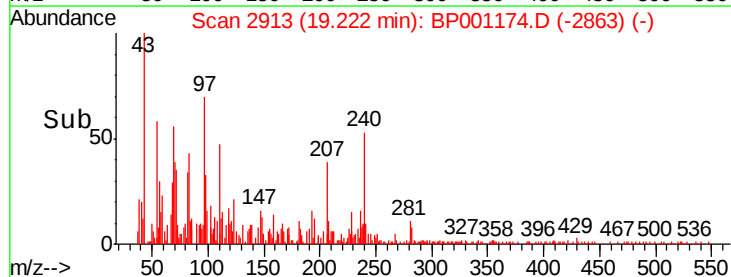
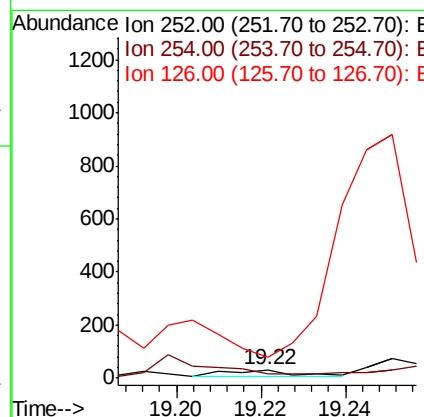
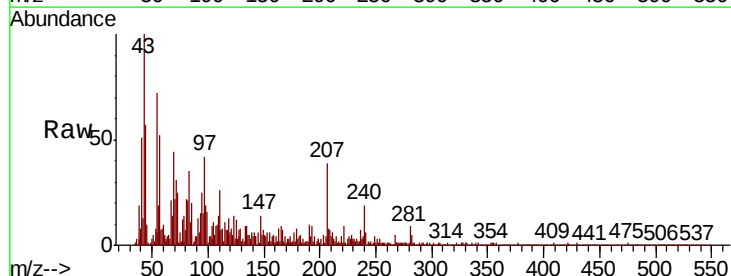
Instrument :
BNA_P
ClientSampleId :

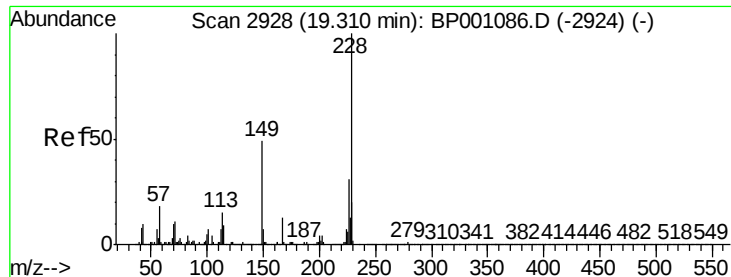
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	21.8	32.6
229	15.8	15.8	23.6



#82
3,3'-Dichlorobenzidine
Concen: 0.003 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	51.6	51.7	77.5#
126	245.2	10.2	15.4#





#83

Chrysene

Concen: 0.042 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.03 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

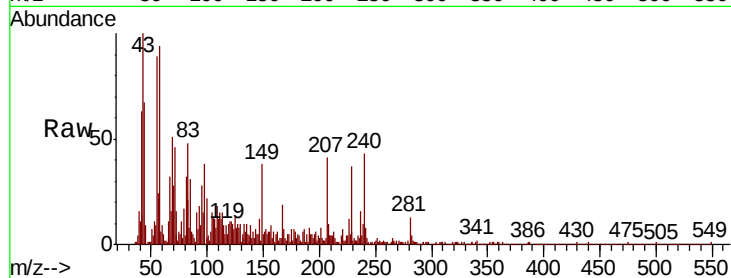
Tot Ion:228 Resp: 918

Ion Ratio Lower Upper

228 100

226 32.5 24.4 36.6

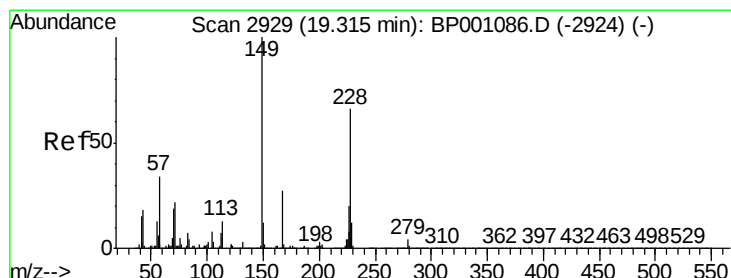
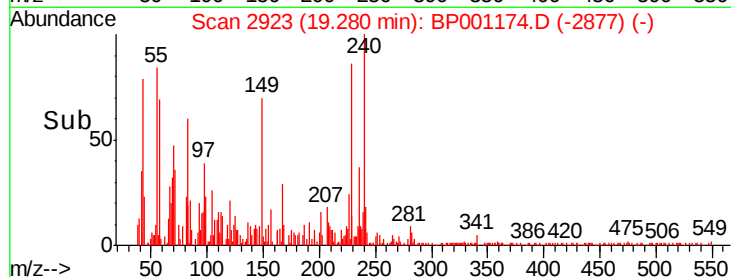
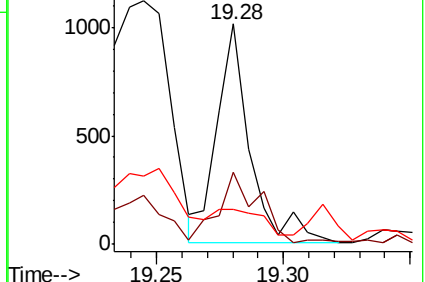
229 15.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.271 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.02 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

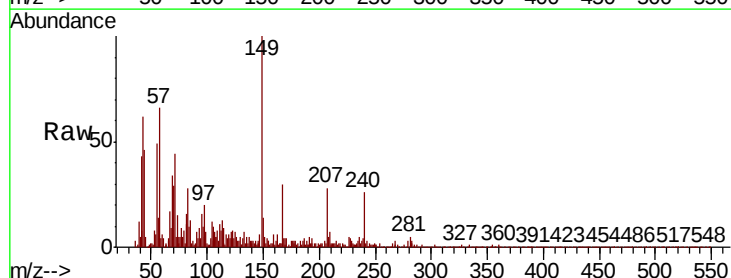
Tgt Ion:149 Resp: 4805

Ion Ratio Lower Upper

149 100

167 30.2 21.3 31.9

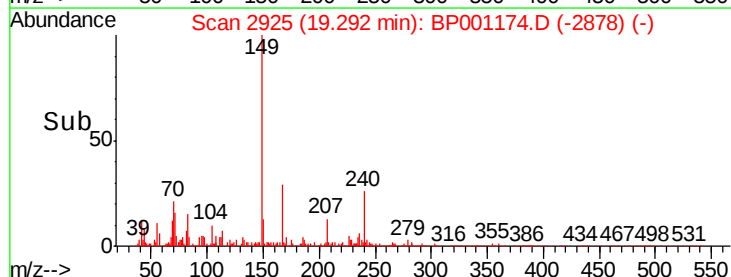
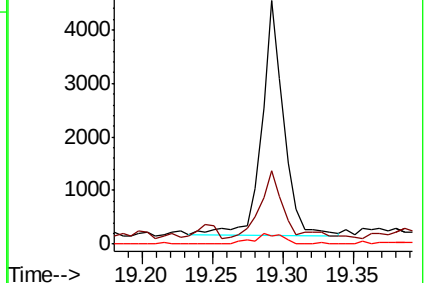
279 3.1 2.8 4.2

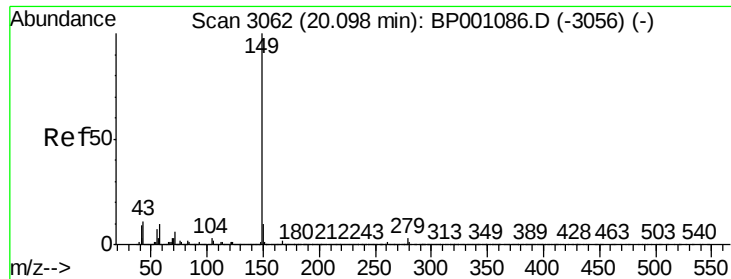


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

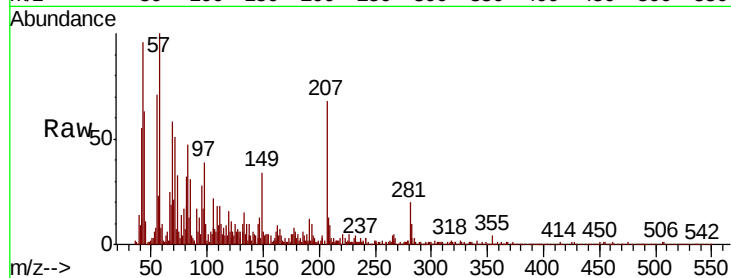




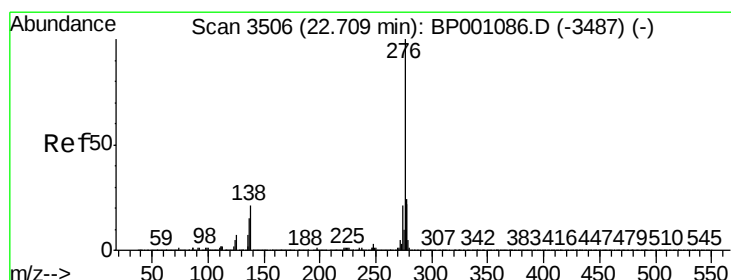
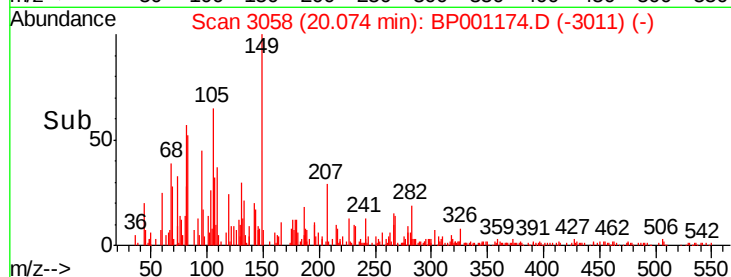
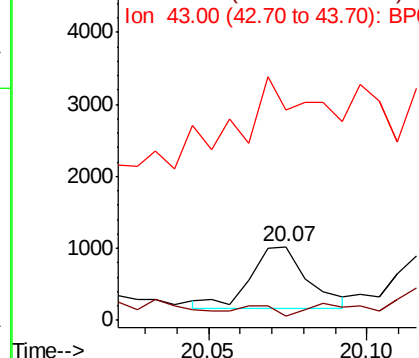
#85
Di-n-octyl phthalate
Concen: 0.035 ng
RT: 20.07 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:149 Resp: 1087
Ion Ratio Lower Upper
149 100
167 11.5 1.2 1.8#
43 0.0 8.5 12.7#

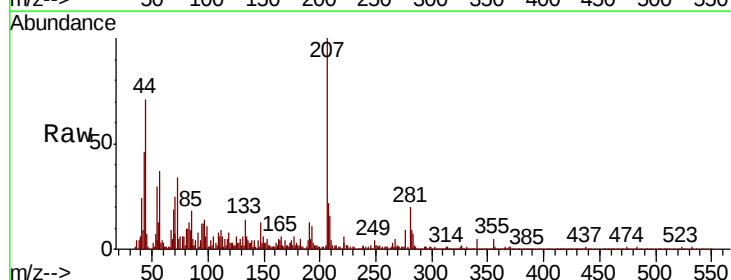


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0

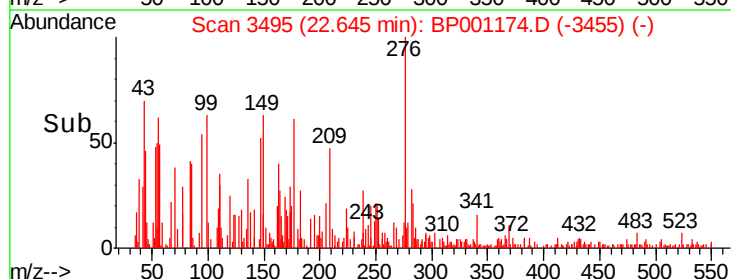
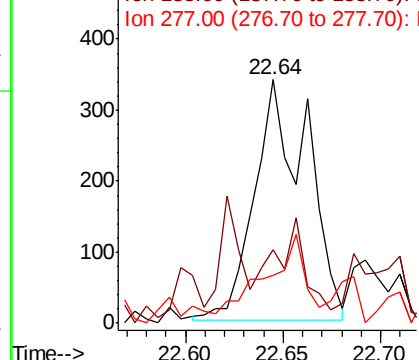


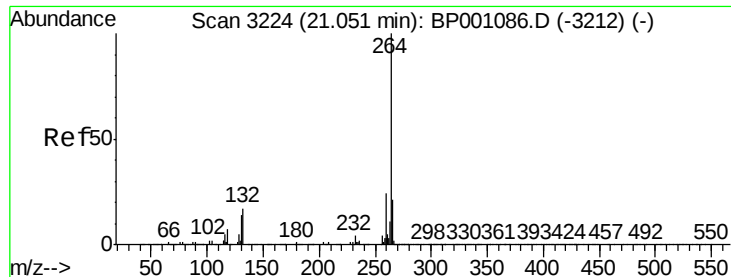
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 22.64 min Scan# 3495
Delta R.T. -0.06 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion:276 Resp: 633
Ion Ratio Lower Upper
276 100
138 25.3 20.6 30.8
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

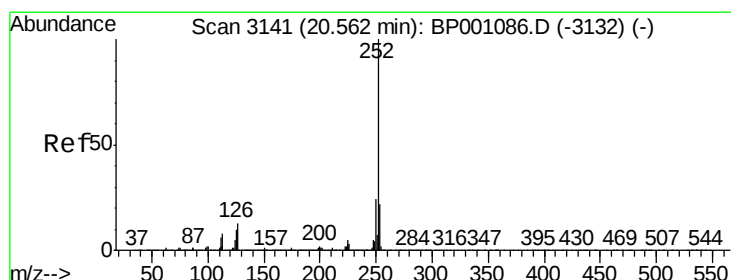
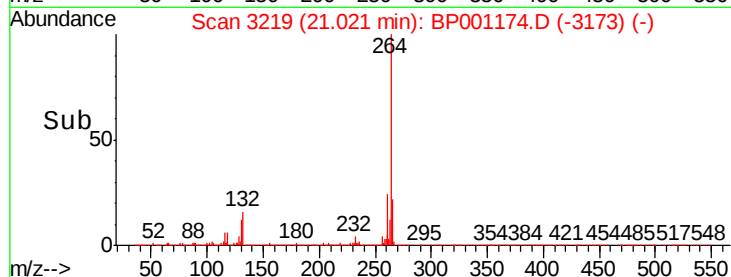
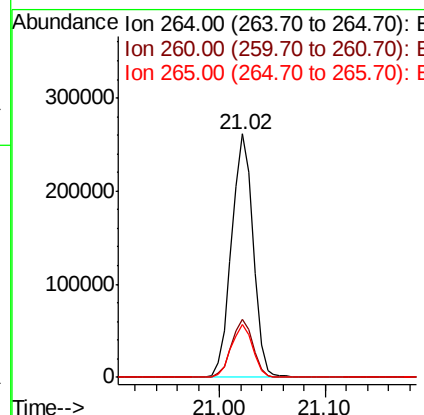
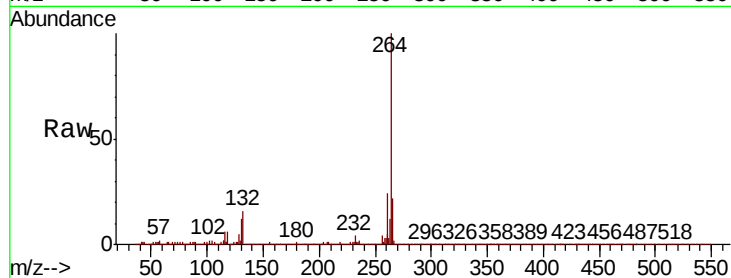




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.03 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

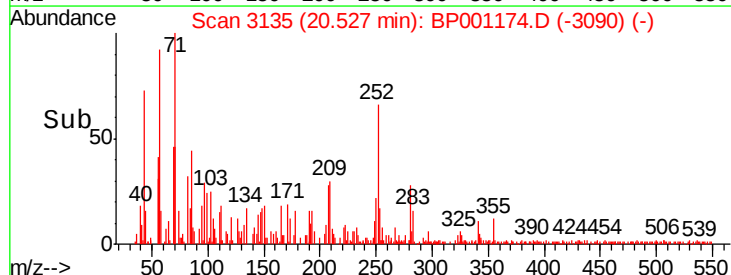
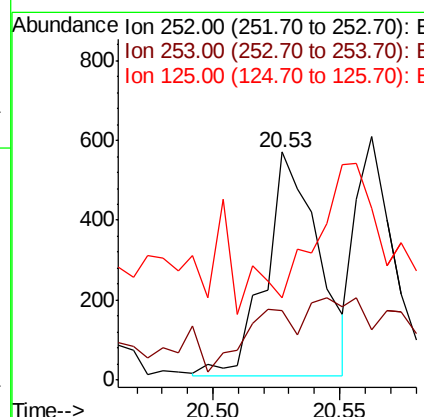
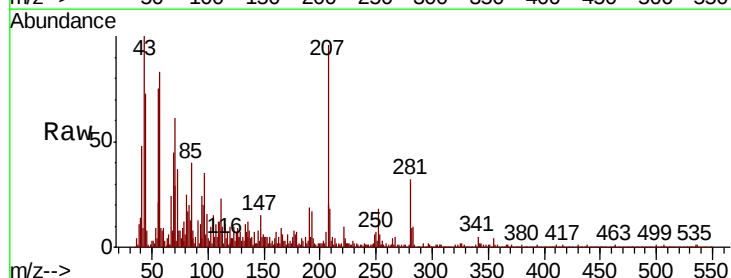
Instrument :
BNA_P
ClientSampleId :

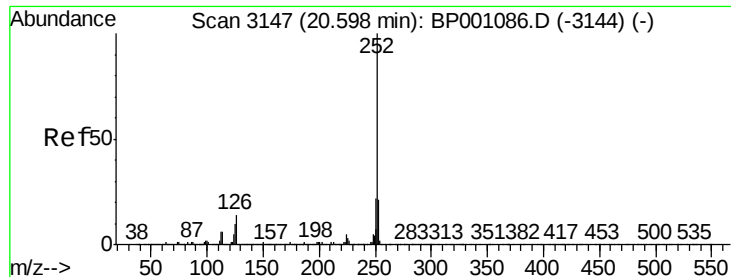
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.6	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.04 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.4	26.0#
125	35.9	8.1	12.1#

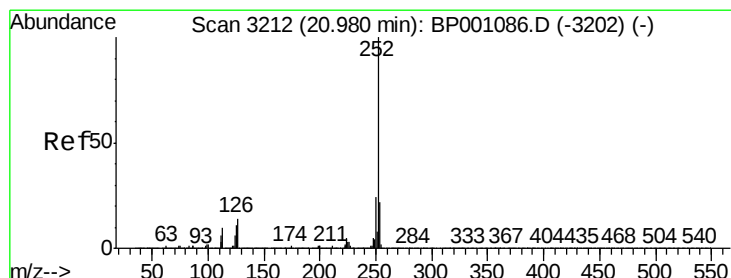
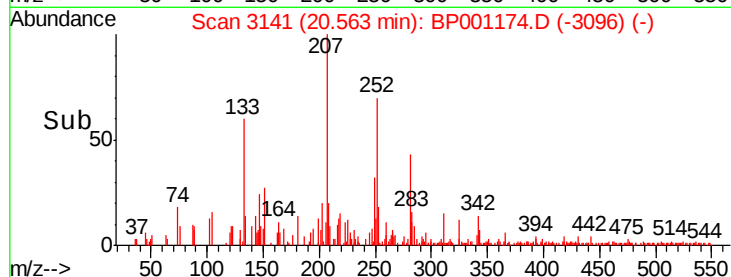
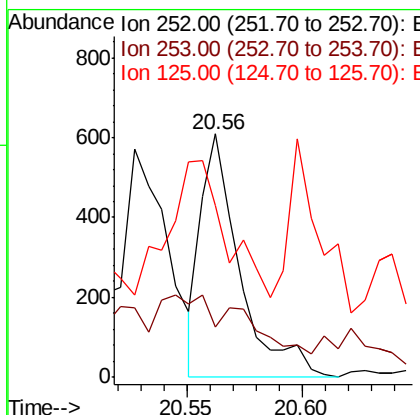
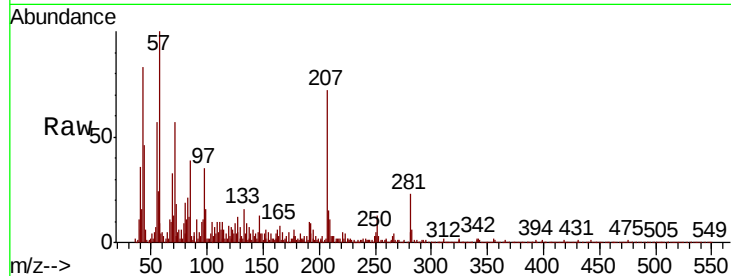




#89
Benzo(k)fluoranthene
Concen: 0.033 ng
RT: 20.56 min Scan# 3141
Delta R.T. -0.04 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

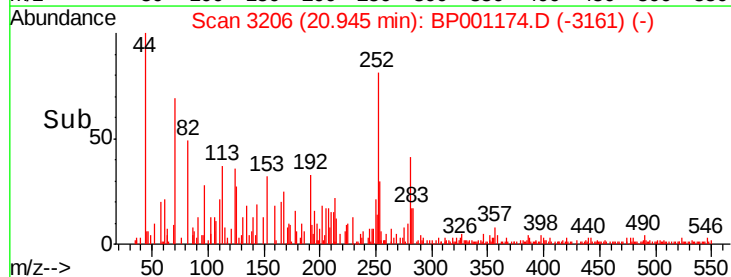
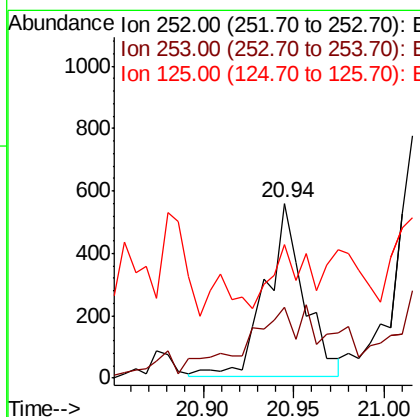
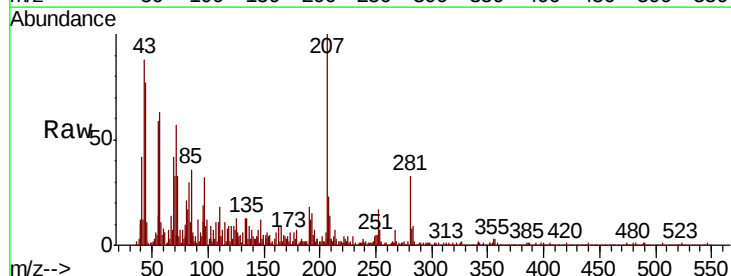
Instrument :
BNA_P
ClientSampleId :

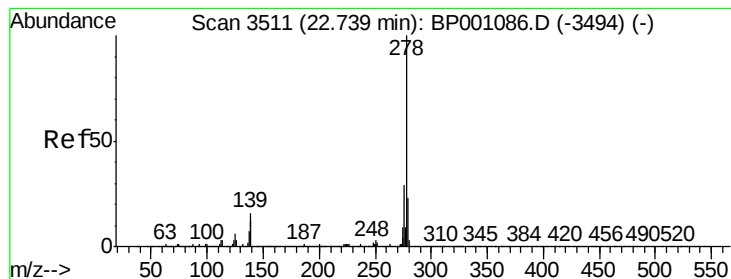
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	70.8	8.2	12.2



#90
Benzo(a)pyrene
Concen: 0.039 ng
RT: 20.94 min Scan# 3206
Delta R.T. -0.04 min
Lab File: BP001174.D
Acq: 04 Dec 2019 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.5	17.4	26.0
125	76.3	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 0.025 ng

RT: 22.67 min Scan# 3500

Delta R.T. -0.06 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

Instrument :

BNA_P

ClientSampleId :

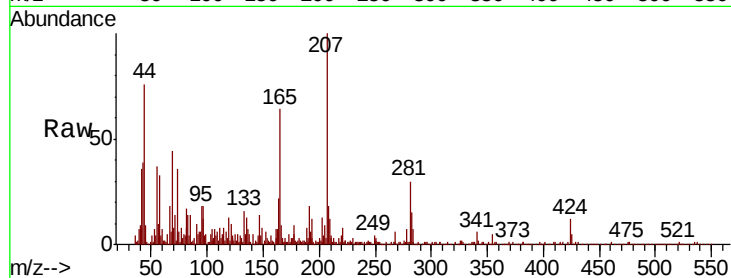
Tot Ion:278 Resp: 516

Ion Ratio Lower Upper

278 100

139 19.8 13.0 19.4#

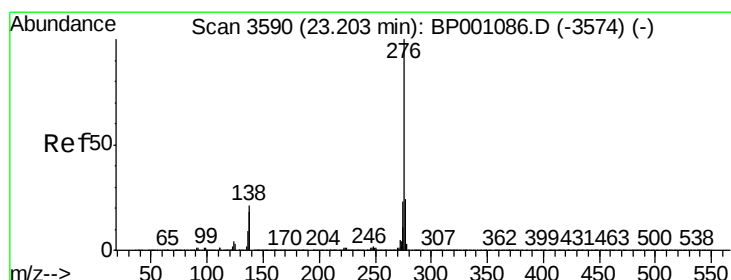
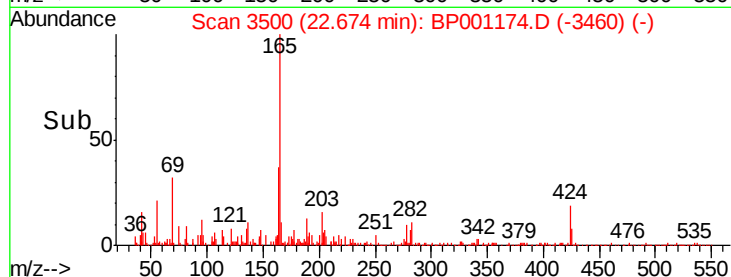
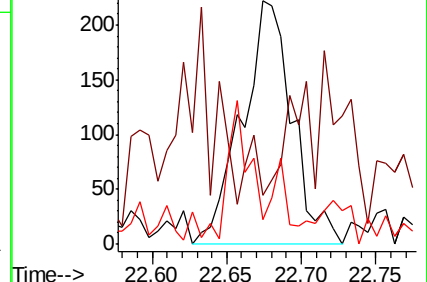
279 9.9 18.7 28.1#



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: 0.001 ng

RT: 23.21 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BP001174.D

Acq: 04 Dec 2019 00:37

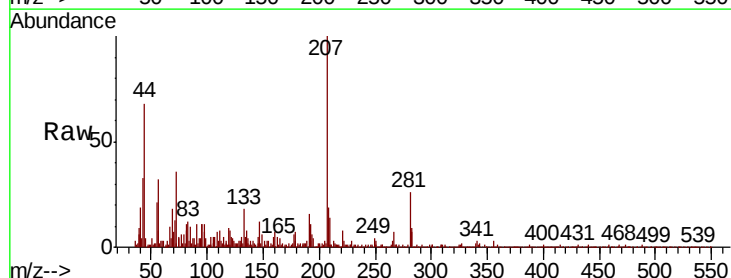
Tgt Ion:276 Resp: 26

Ion Ratio Lower Upper

276 100

277 61.1 19.2 28.8#

138 244.4 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

