

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001157.D
 Acq On : 03 Dec 2019 16:11
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:41:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	125656	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	439818	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	245456	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	470042	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	362324	20.00	ng	-0.02
87) Perylene-d12	21.03	264	390536	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.22	112	649937	85.81	ng	-0.01
7) Phenol-d6	7.76	99	840127	83.26	ng	0.00
23) Nitrobenzene-d5	9.20	82	870306	85.85	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	207409	88.16	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1385965	82.64	ng	-0.02
79) Terphenyl-d14	17.90	244	1579677	80.66	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	147406	41.667	ng	95
3) Pyridine	3.39	79	407967	41.559	ng	93
4) n-Nitrosodimethylamine	3.31	42	199336	46.926	ng	84
6) Aniline	7.79	93	536072	40.070	ng	# 87
8) 2-Chlorophenol	7.97	128	321837	41.071	ng	99
9) Benzaldehyde	7.61	77	255140	43.445	ng	99
10) Phenol	7.78	94	468924	40.856	ng	89
11) bis(2-Chloroethyl)ether	7.92	93	348989	39.048	ng	98
12) 1,3-Dichlorobenzene	8.22	146	384572	41.405	ng	98
13) 1,4-Dichlorobenzene	8.34	146	385166	41.166	ng	98
14) 1,2-Dichlorobenzene	8.58	146	361519	41.056	ng	99
15) Benzyl Alcohol	8.55	79	353819	42.717	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	544704	37.909	ng	99
17) 2-Methylphenol	8.73	107	285186	39.675	ng	97
18) Hexachloroethane	9.12	117	161284	41.670	ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	278604	38.265	ng	96
20) 3+4-Methylphenols	8.99	107	363893	40.160	ng	94
22) Acetophenone	8.96	105	538316	41.643	ng	# 96
24) Nitrobenzene	9.23	77	428503	42.508	ng	97
25) Isophorone	9.62	82	724130	39.835	ng	99
26) 2-Nitrophenol	9.74	139	155821	42.201	ng	96
27) 2,4-Dimethylphenol	9.83	122	239603	40.968	ng	96
28) bis(2-Chloroethoxy)methane	9.99	93	445337	39.046	ng	100
29) 2,4-Dichlorophenol	10.13	162	278071	41.774	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	329484	42.378	ng	99
31) Naphthalene	10.39	128	926426	41.243	ng	99
32) Benzoic acid	10.00	122	181294	42.877	ng	97
33) 4-Chloroaniline	10.48	127	394723	40.494	ng	99
34) Hexachlorobutadiene	10.61	225	212816	43.513	ng	99
35) Caprolactam	11.06	113	91984	40.095	ng	97
36) 4-Chloro-3-methylphenol	11.29	107	325223	41.208	ng	98
37) 2-Methylnaphthalene	11.52	142	623584	40.684	ng	98
38) 1-Methylnaphthalene	11.67	142	583327	40.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	328060	42.410	ng	99

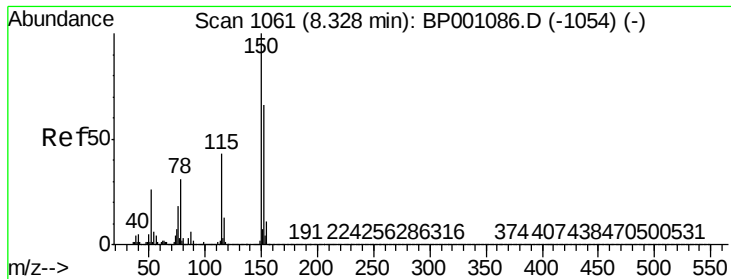
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	131824	36.940	ng	98
43) 2,4,6-Trichlorophenol	11.98	196	213265	42.225	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	218923	41.834	ng	95
46) 1,1'-Biphenyl	12.29	154	777740	40.999	ng	99
47) 2-Chloronaphthalene	12.31	162	626711	41.360	ng	99
48) 2-Nitroaniline	12.47	65	254664	42.883	ng	96
49) Acenaphthylene	12.98	152	941417	41.448	ng	100
50) Dimethylphthalate	12.81	163	744569	40.559	ng	100
51) 2,6-Dinitrotoluene	12.89	165	158267	40.274	ng	89
52) Acenaphthene	13.27	154	561261	41.080	ng	99
53) 3-Nitroaniline	13.15	138	181285	41.066	ng	99
54) 2,4-Dinitrophenol	13.32	184	62968	42.852	ng	# 87
55) Dibenzofuran	13.56	168	852224	41.510	ng	99
56) 4-Nitrophenol	13.44	139	133669	42.732	ng	86
57) 2,4-Dinitrotoluene	13.55	165	210910	42.818	ng	89
58) Fluorene	14.12	166	679747	41.319	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	182626	42.454	ng	98
60) Diethylphthalate	13.97	149	755039	39.722	ng	100
61) 4-Chlorophenyl-phenylether	14.13	204	344325	41.102	ng	97
62) 4-Nitroaniline	12.47	138	210305	41.091	ng	94
63) Azobenzene	14.39	77	831567	40.472	ng	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	73908	38.144	ng	96
66) n-Nitrosodiphenylamine	14.33	169	583591	40.862	ng	99
67) 4-Bromophenyl-phenylether	14.93	248	203237	39.826	ng	94
68) Hexachlorobenzene	15.02	284	230713	41.124	ng	98
69) Atrazine	15.22	200	174182	39.943	ng	97
70) Pentachlorophenol	15.32	266	128146	43.825	ng	96
71) Phenanthrene	15.65	178	1025306	41.491	ng	99
72) Anthracene	15.73	178	1031455	42.348	ng	100
73) Carbazole	15.97	167	936661	42.261	ng	99
74) Di-n-butylphthalate	16.53	149	1193060	40.036	ng	99
75) Fluoranthene	17.36	202	1126823	43.072	ng	99
77) Benzidine	17.55	184	345728	36.957	ng	99
78) Pyrene	17.67	202	1146860	40.188	ng	99
80) Butylbenzylphthalate	18.55	149	529549	40.175	ng	98
81) Benzo(a)anthracene	19.24	228	1035227	41.209	ng	100
82) 3,3'-Dichlorobenzidine	19.22	252	365425	44.032	ng	98
83) Chrysene	19.29	228	941353	41.847	ng	99
84) Bis(2-ethylhexyl)phthalate	19.30	149	687229	37.922	ng	100
85) Di-n-octyl phthalate	20.08	149	1213976	37.710	ng	98
86) Indeno(1,2,3-cd)pyrene	22.68	276	1069548	40.343	ng	97
88) Benzo(b)fluoranthene	20.54	252	1004784	42.122	ng	99
89) Benzo(k)fluoranthene	20.58	252	923732	40.206	ng	98
90) Benzo(a)pyrene	20.96	252	908542	41.350	ng	99
91) Dibenzo(a,h)anthracene	22.71	278	870467	40.483	ng	98
92) Benzo(g,h,i)perylene	23.17	276	866607	40.816	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001157.D

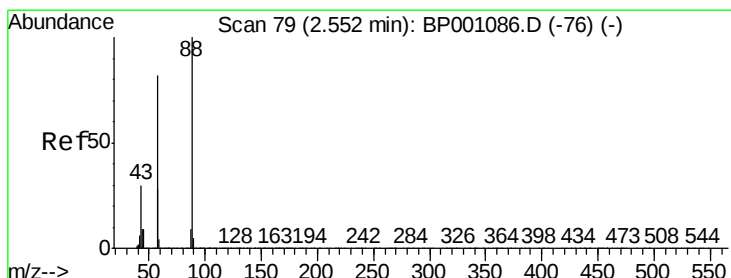
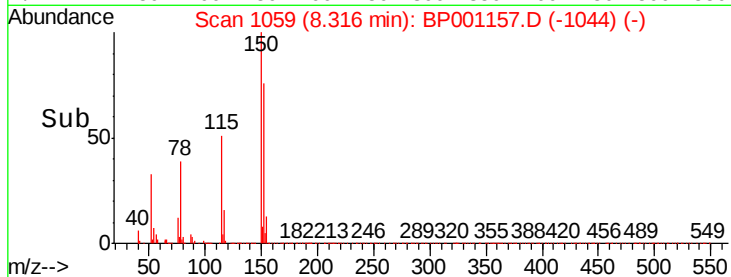
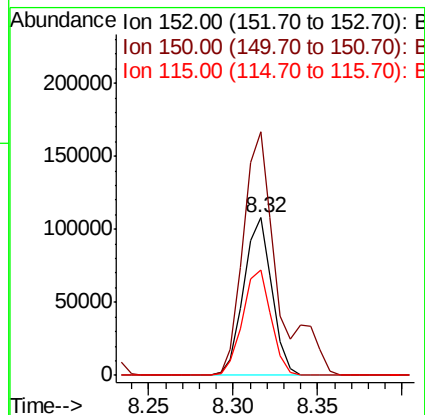
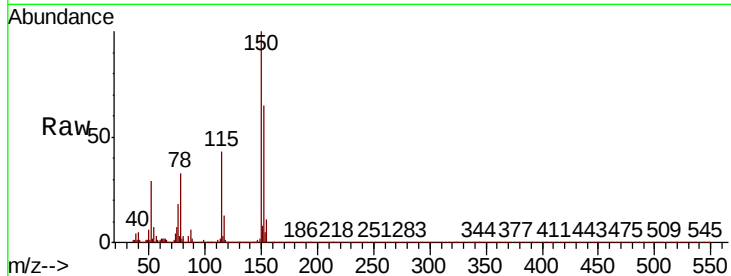
Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	120.6	181.0
115	67.1	51.6	77.4



#2

1,4-Dioxane

Concen: 41.667 ng

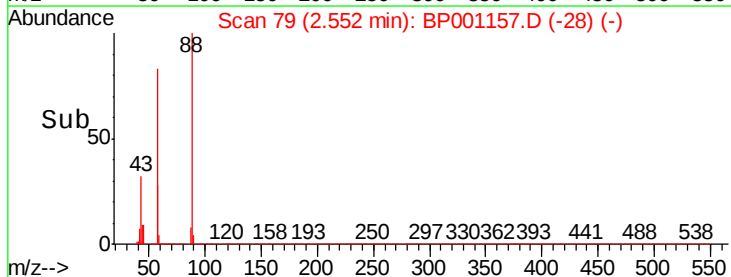
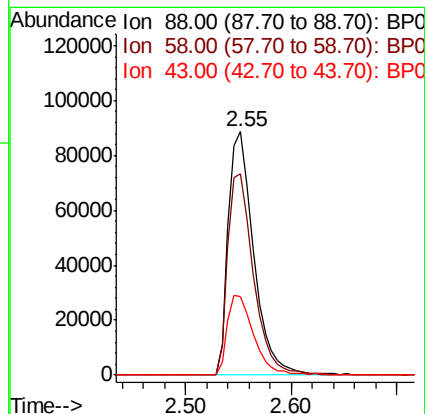
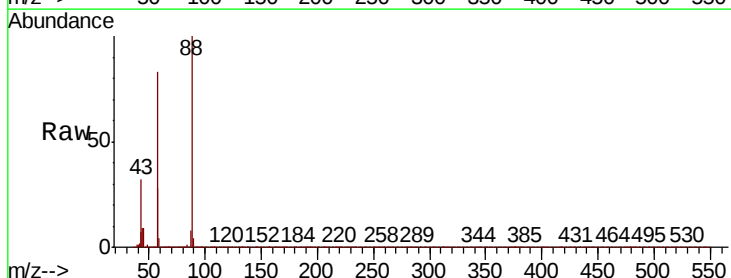
RT: 2.55 min Scan# 79

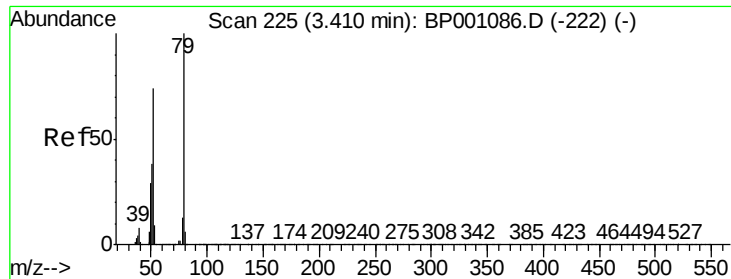
Delta R.T. 0.00 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	64.3	96.5
43	33.7	23.8	35.6





#3

Pvridine

Concen: 41.559 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

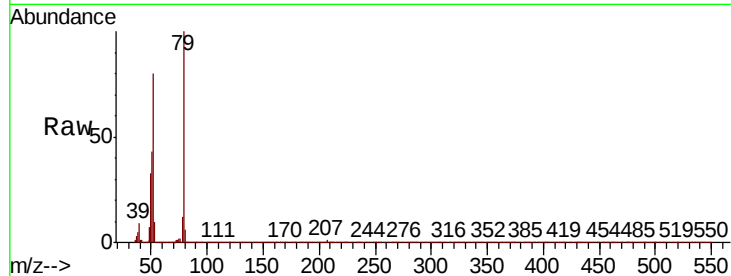
Tot Ion: 79 Resp: 407967

Ion Ratio Lower Upper

79 100

52 79.5 59.4 89.2

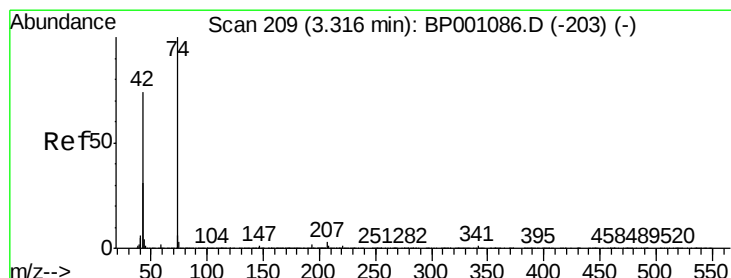
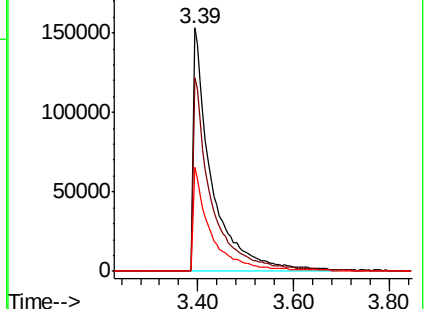
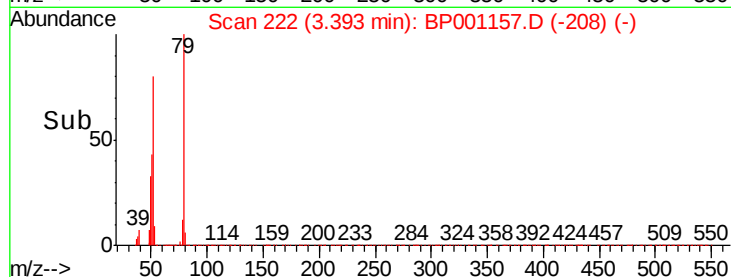
51 42.8 30.2 45.4



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 46.926 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

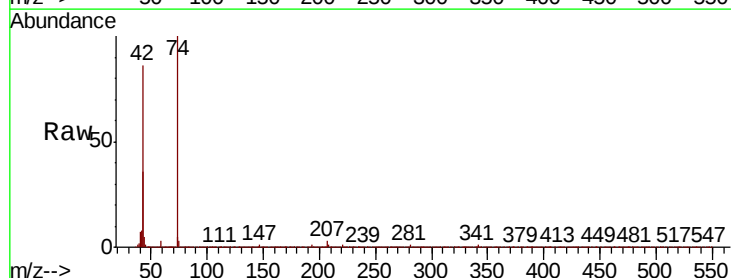
Tgt Ion: 42 Resp: 199336

Ion Ratio Lower Upper

42 100

74 116.1 108.6 163.0

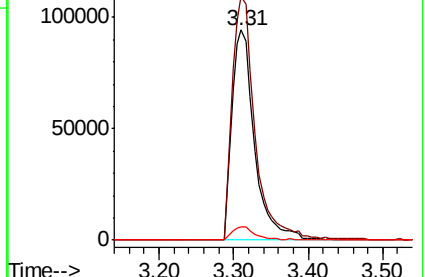
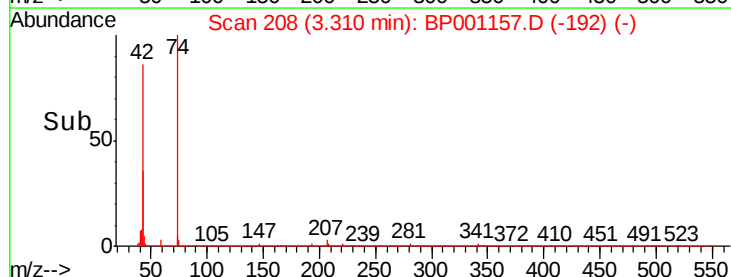
44 6.1 5.1 7.7

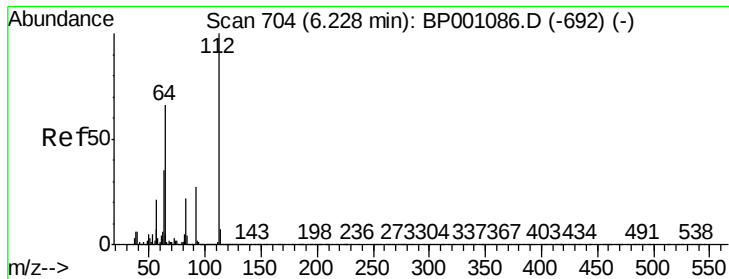


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 85.814 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

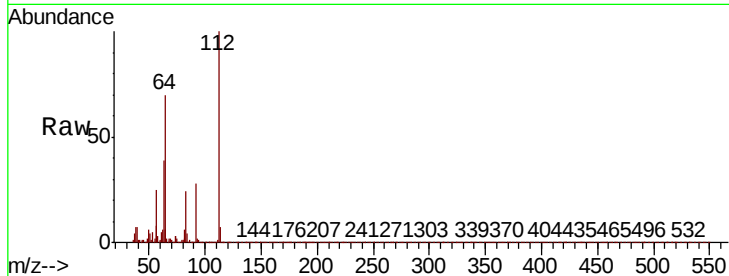
Tot Ion:112 Resp: 649937

Ion Ratio Lower Upper

112 100

64 69.7 52.8 79.2

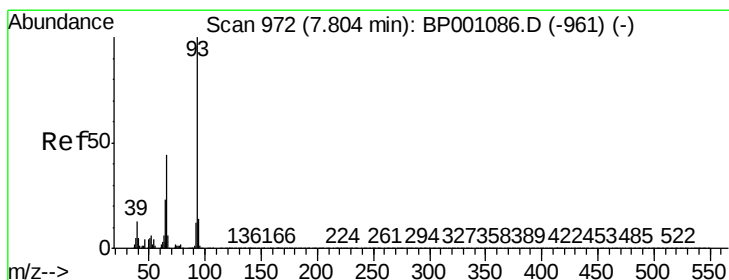
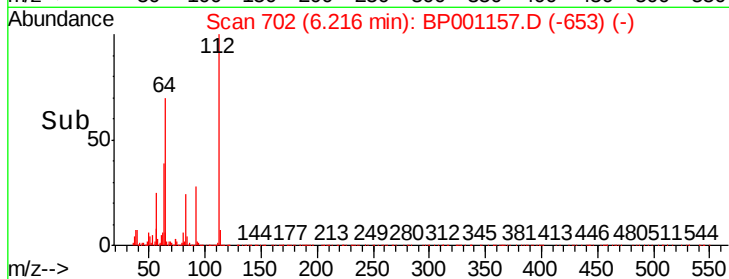
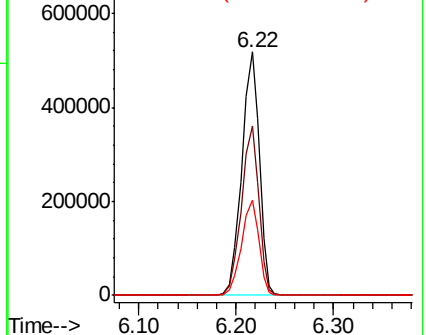
63 39.3 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 40.070 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

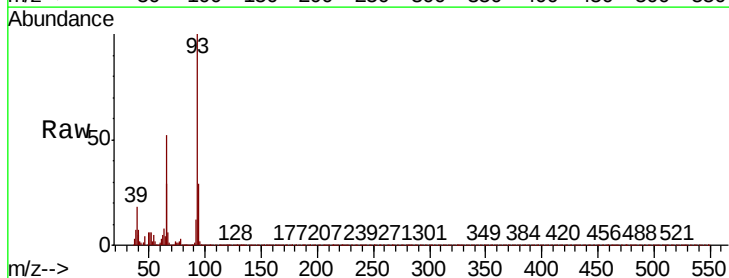
Tgt Ion: 93 Resp: 536072

Ion Ratio Lower Upper

93 100

66 52.2 34.9 52.3

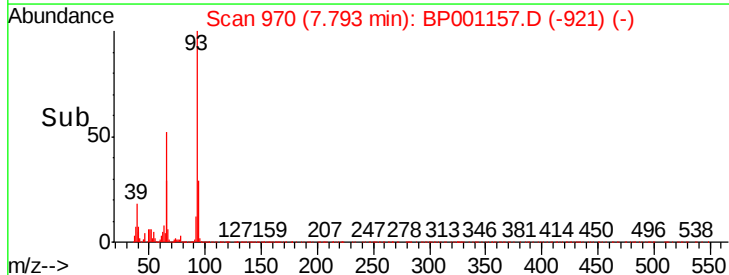
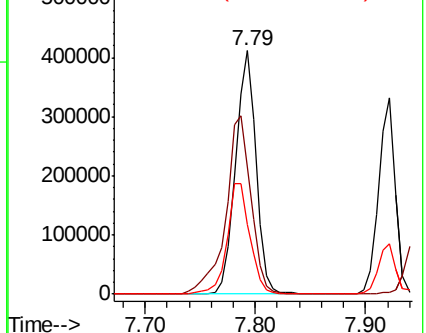
65 28.6 18.5 27.7#

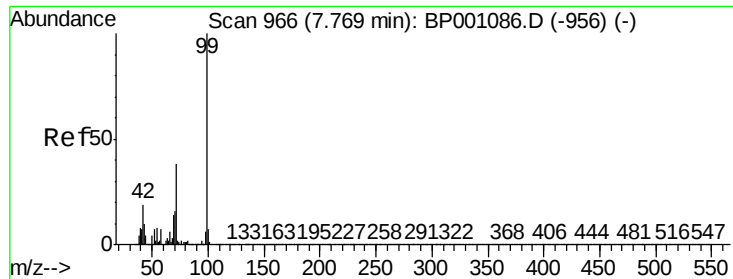


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 83.262 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

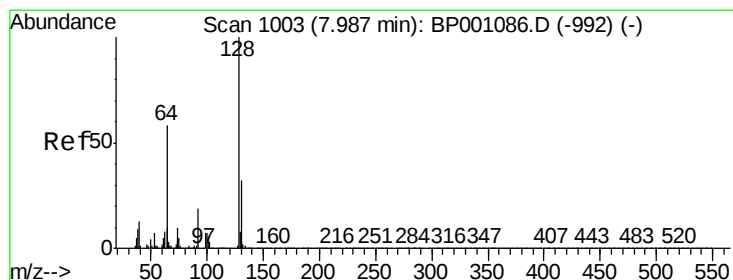
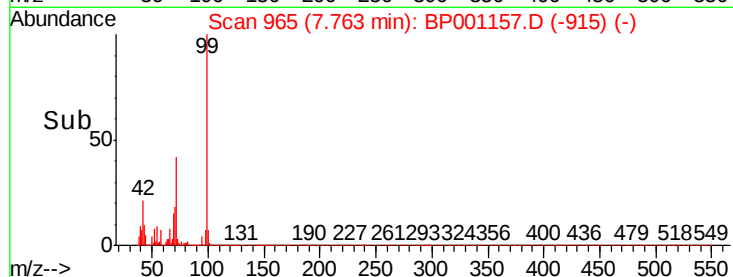
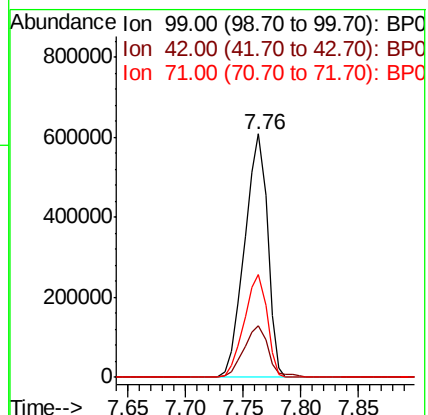
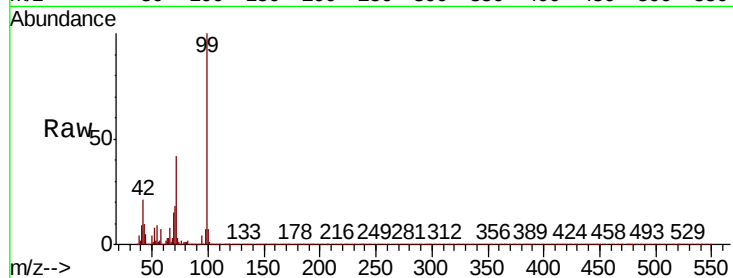
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 840127

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.4	23.0
71	42.0	30.8	46.2



#8

2-Chlorophenol

Concen: 41.071 ng

RT: 7.97 min Scan# 1001

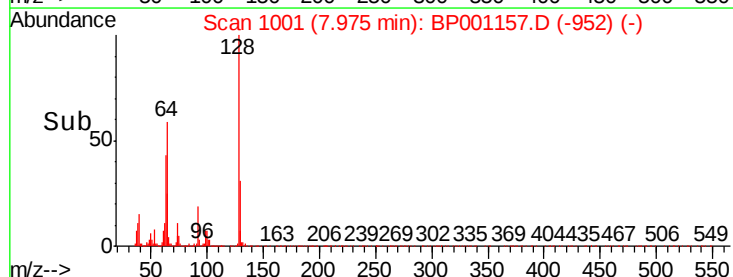
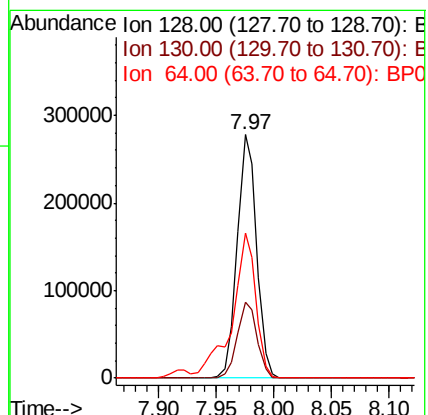
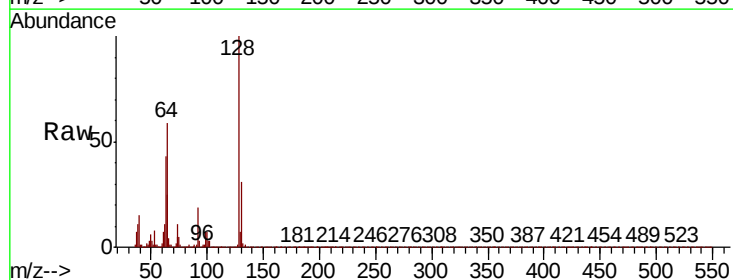
Delta R.T. -0.01 min

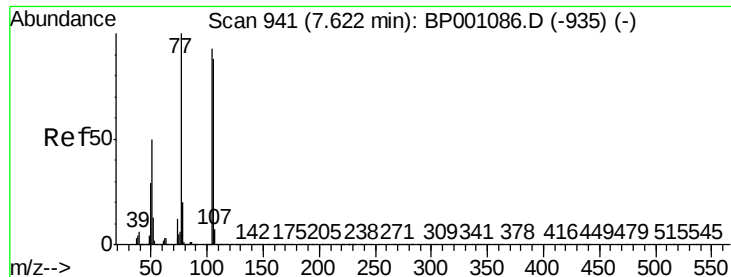
Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Tgt Ion: 128 Resp: 321837

Ion	Ratio	Lower	Upper
128	100		
130	31.3	11.7	51.7
64	59.4	39.7	79.7





#9

Benzaldehyde

Concen: 43.445 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

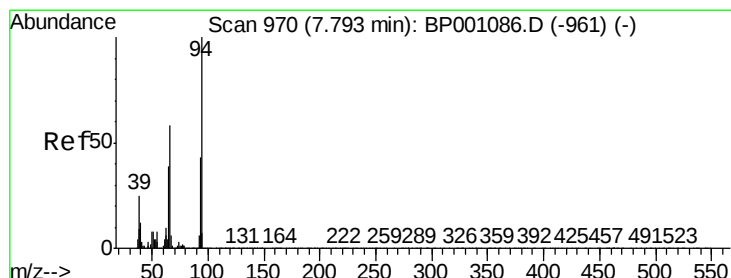
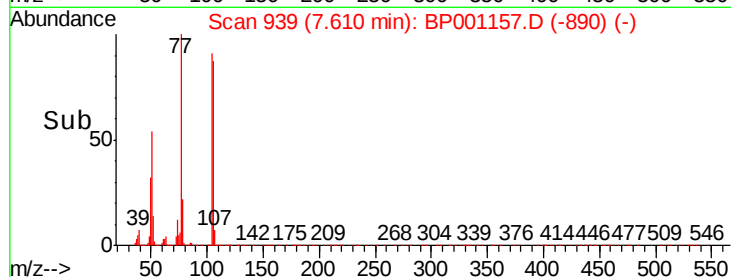
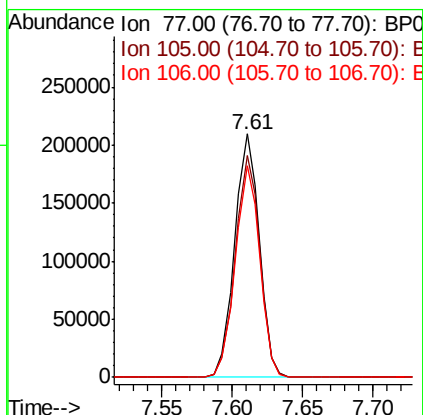
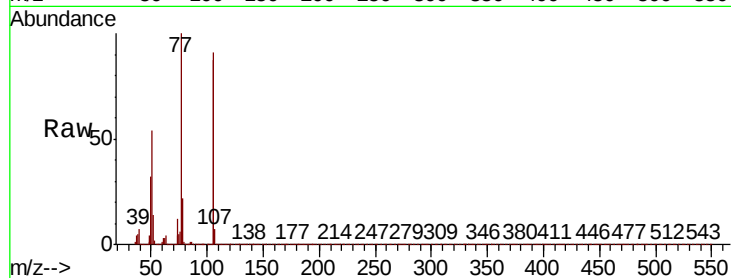
Tot Ion: 77 Resp: 255140

Ion Ratio Lower Upper

77 100

105 90.9 72.5 112.5

106 86.9 67.6 107.6



#10

Phenol

Concen: 40.856 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

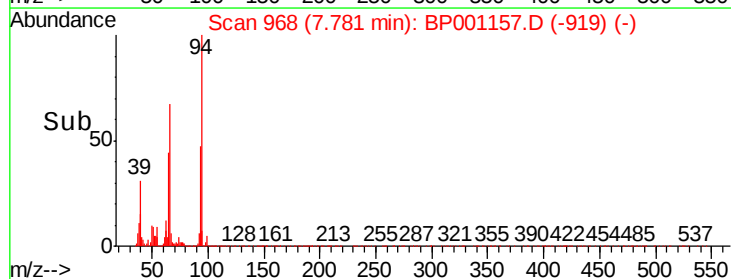
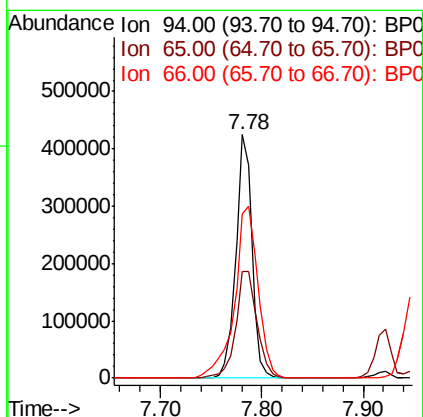
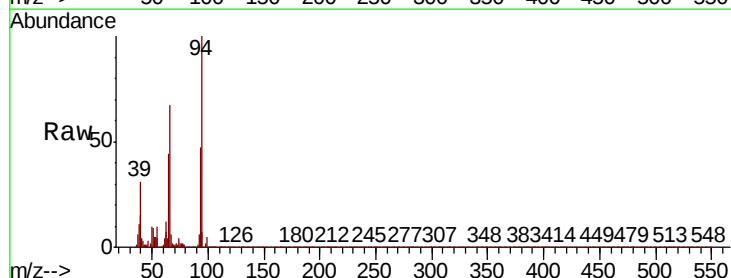
Tgt Ion: 94 Resp: 468924

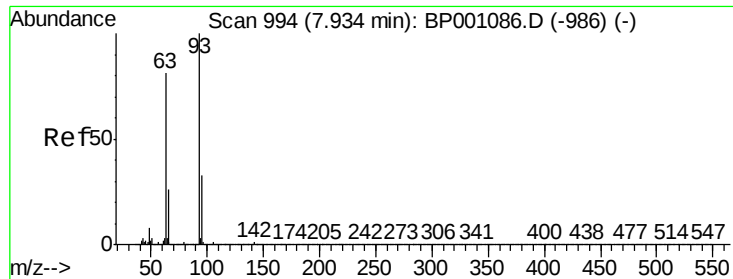
Ion Ratio Lower Upper

94 100

65 43.9 18.6 58.6

66 67.4 37.6 77.6

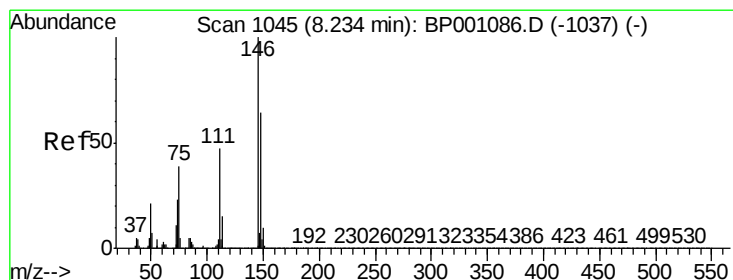
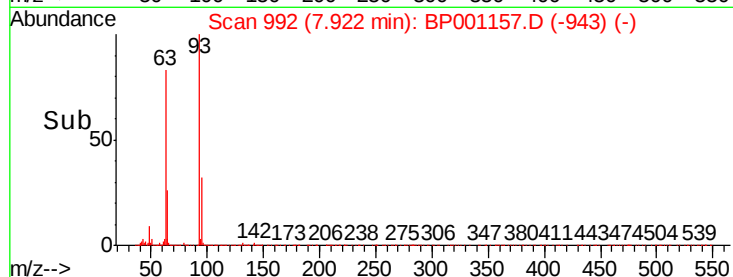
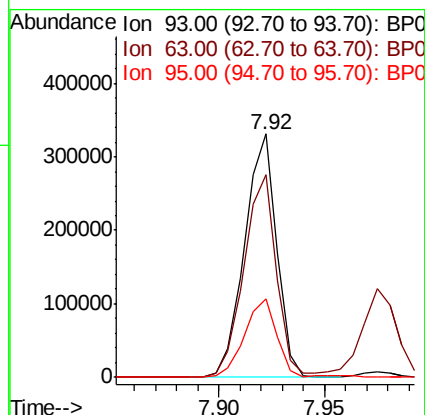
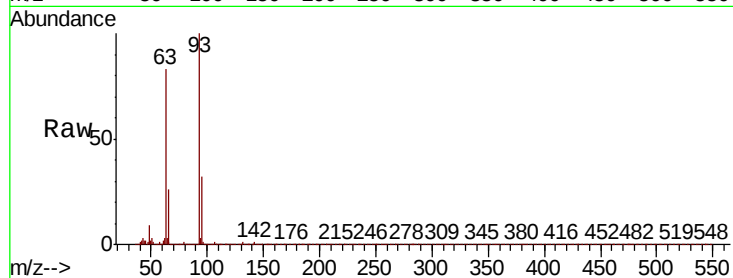




#11
bis(2-Chloroethyl)ether
Concen: 39.048 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

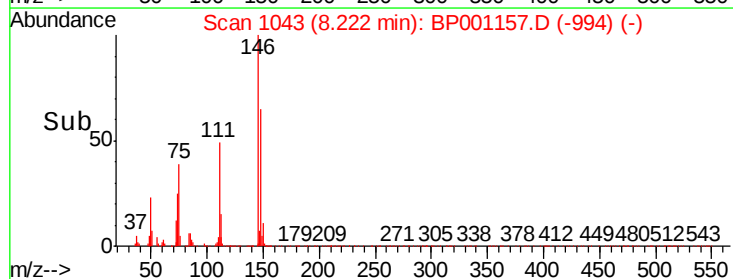
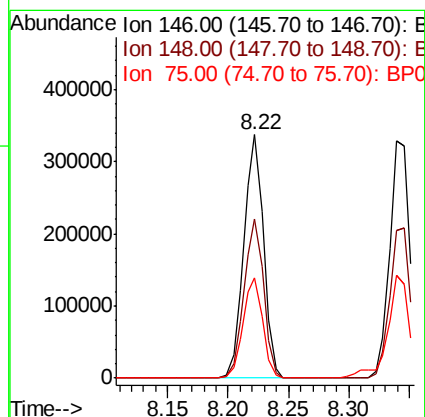
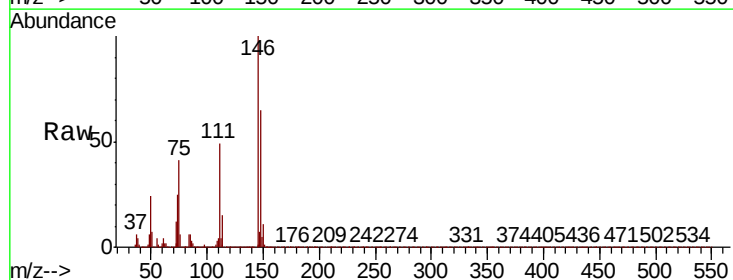
Instrument :
BNA_P
ClientSampleId :

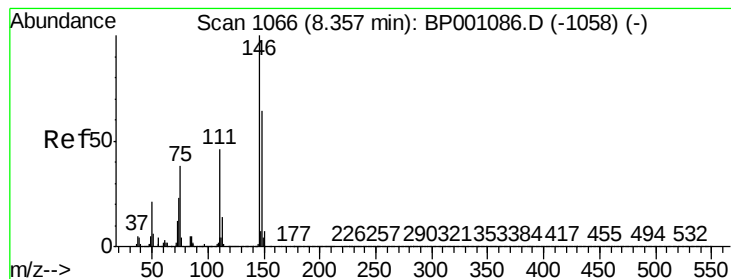
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	60.7	100.7
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.405 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
75	41.1	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 41.166 ng

RT: 8.34 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

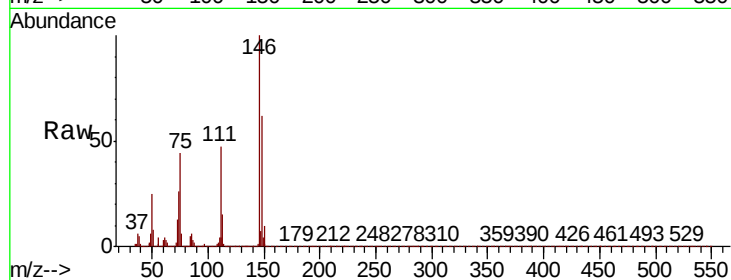
Tot Ion:146 Resp: 385166

Ion Ratio Lower Upper

146 100

148 62.3 51.6 77.4

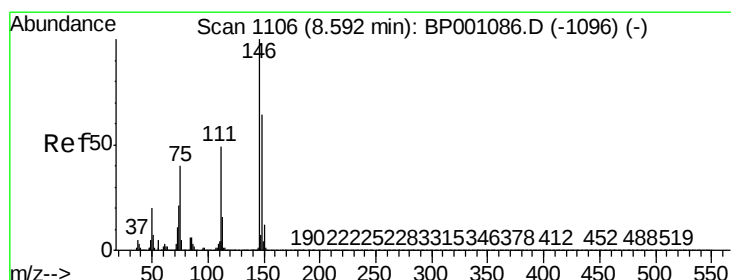
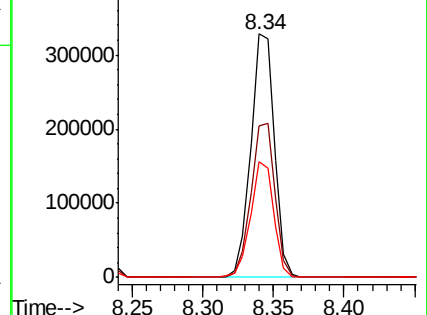
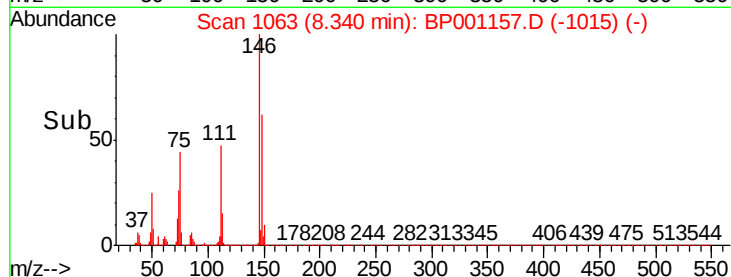
111 47.5 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.056 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

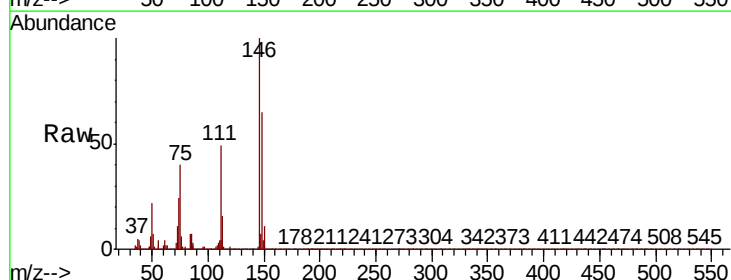
Tgt Ion:146 Resp: 361519

Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

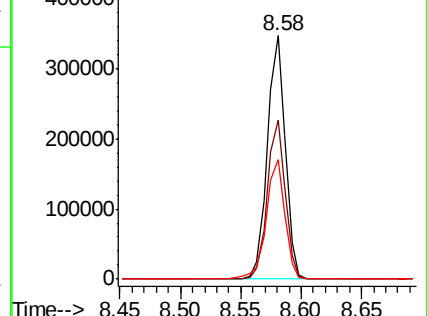
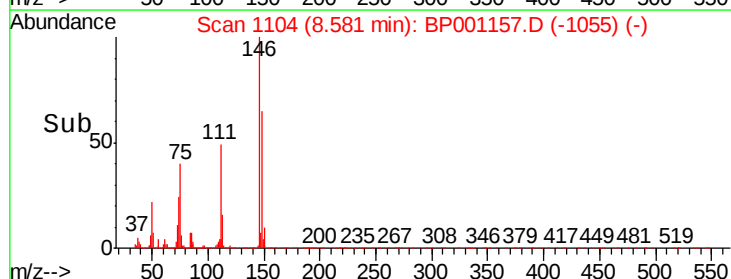
111 49.0 39.3 58.9

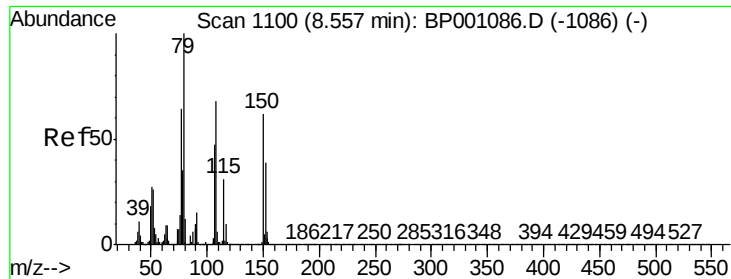


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

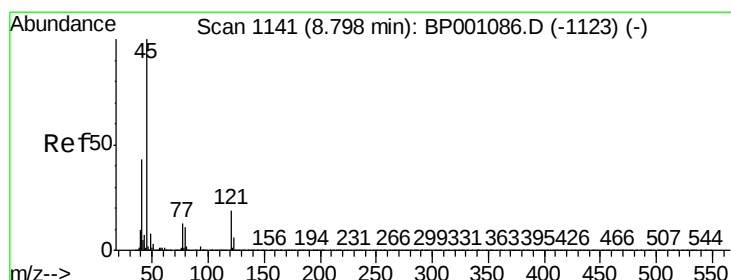
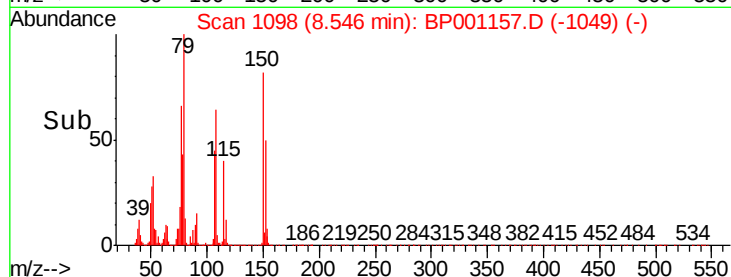
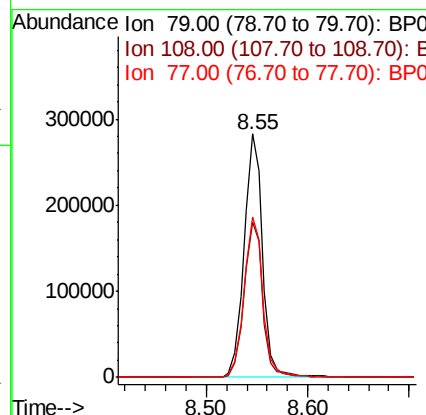
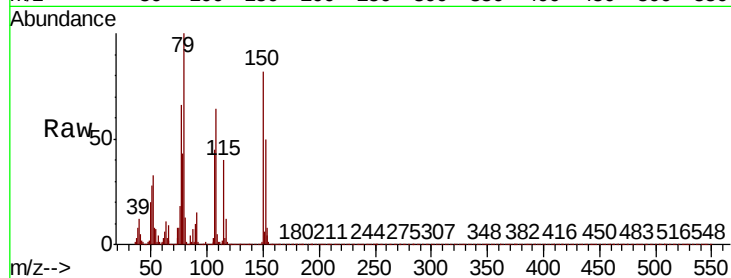




#15
Benzyl Alcohol
Concen: 42.717 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

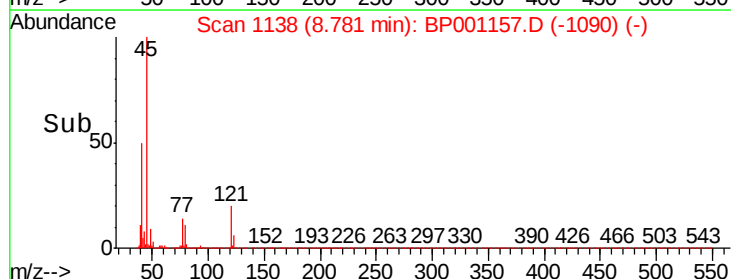
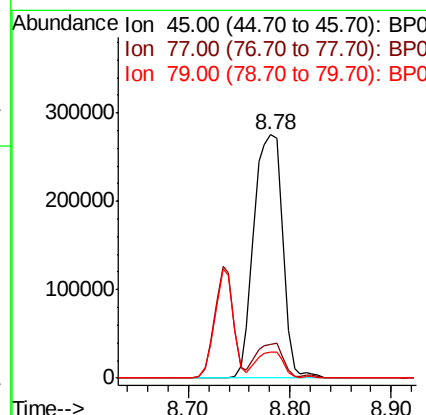
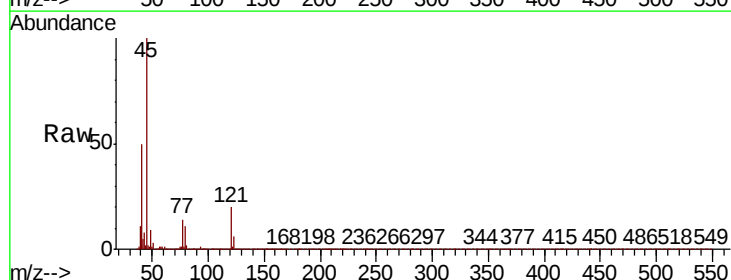
Instrument :
BNA_P
ClientSampleId :

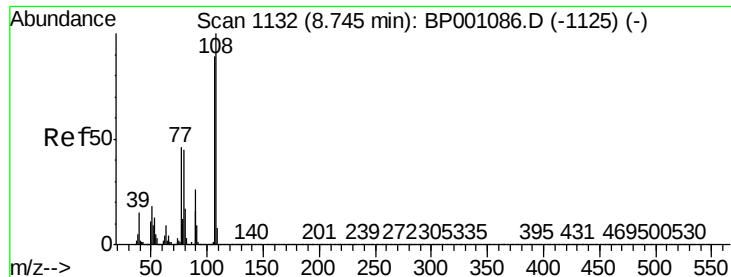
Tot Ion	Ratio	Lower	Upper
79	100		
108	63.9	54.8	82.2
77	65.7	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.909 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.3
79	10.6	0.0	30.9

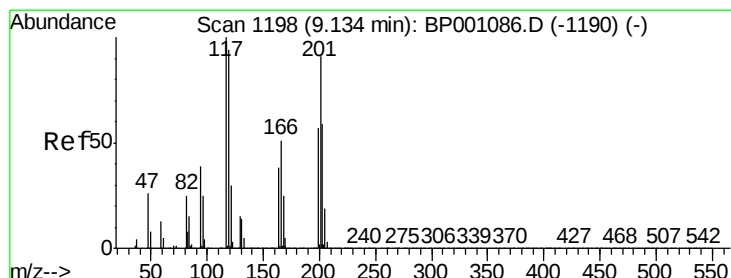
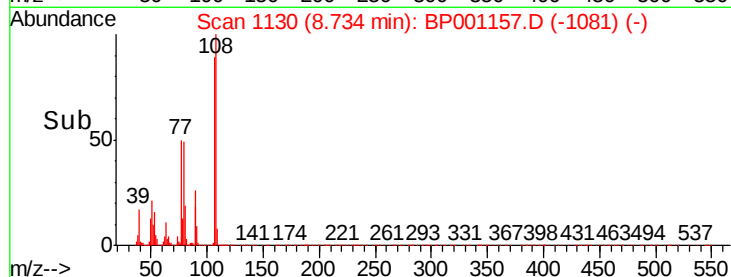
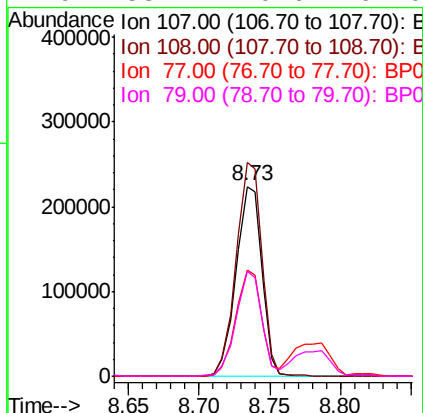
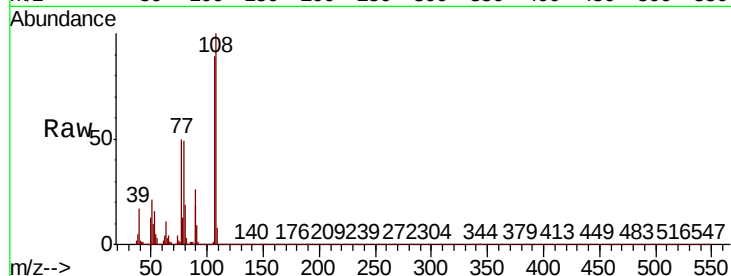




#17
2-Methylphenol
Concen: 39.675 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

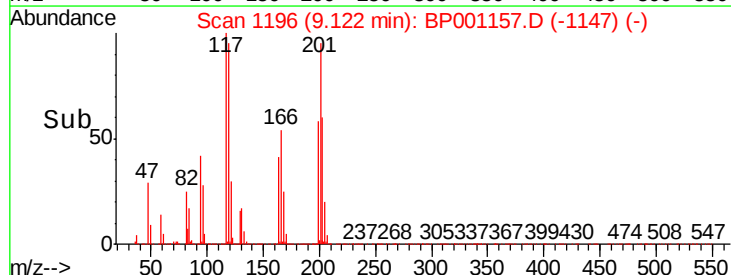
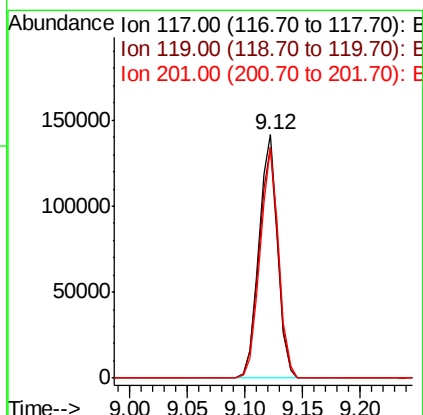
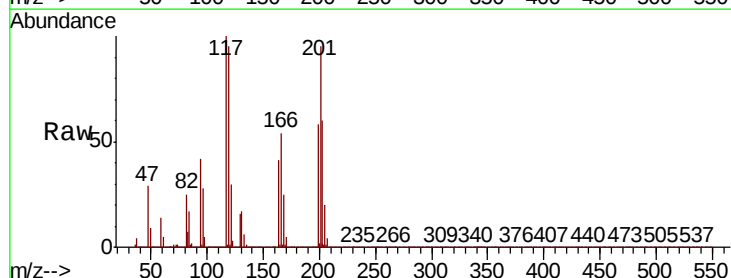
Instrument :
BNA_P
ClientSampleId :

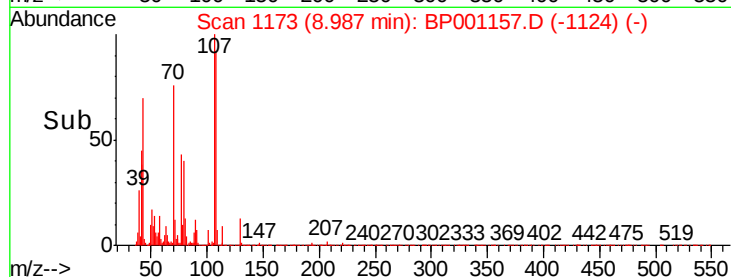
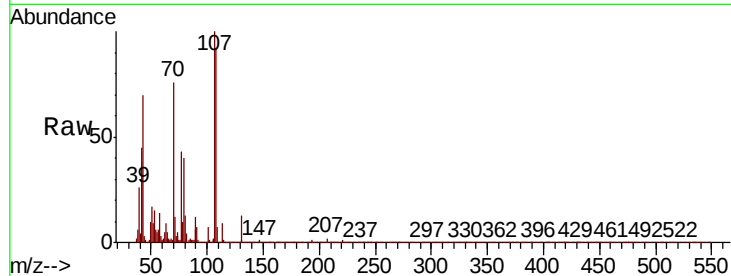
Tot Ion:	107	Resp:	285186
Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.8	134.6
77	56.4	41.4	62.2
79	55.1	40.6	61.0



#18
Hexachloroethane
Concen: 41.670 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:	117	Resp:	161284
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.2	112.8
201	94.8	72.5	108.7

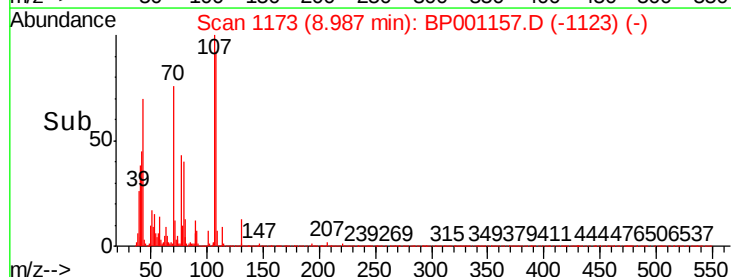
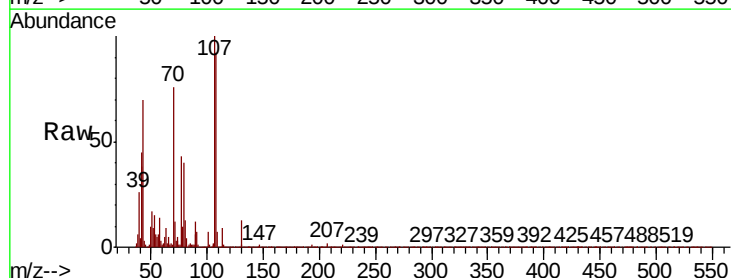
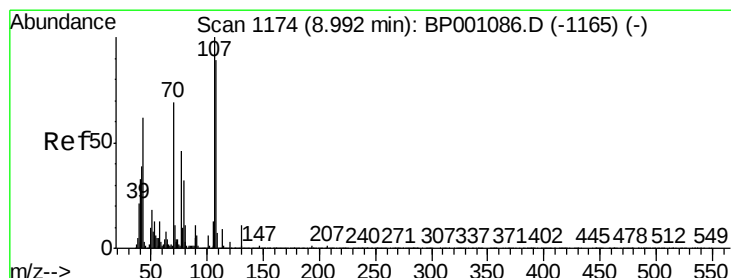
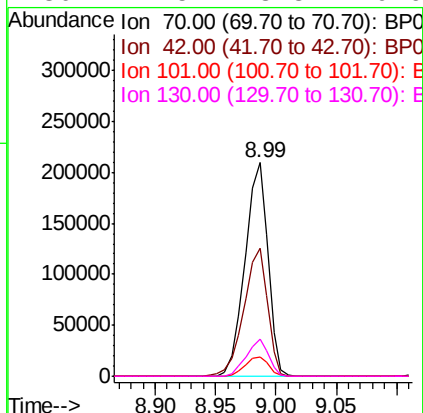




#19
n-Nitroso-di-n-propylamine
Concen: 38.265 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

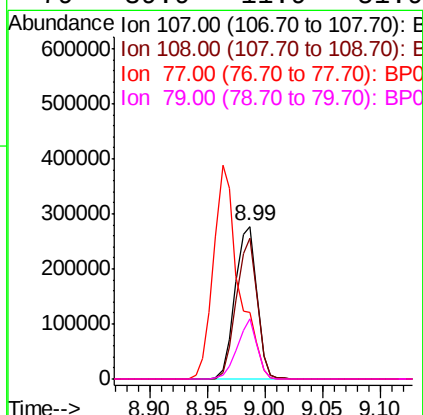
Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	278604
Ion	Ratio	Lower	Upper
70	100		
42	60.0	44.6	66.8
101	8.9	7.1	10.7
130	17.5	13.8	20.6



#20
3+4-Methylphenols
Concen: 40.160 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:	107	Resp:	363893
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.9	108.9
77	43.3	25.9	65.9
79	39.9	11.9	51.9

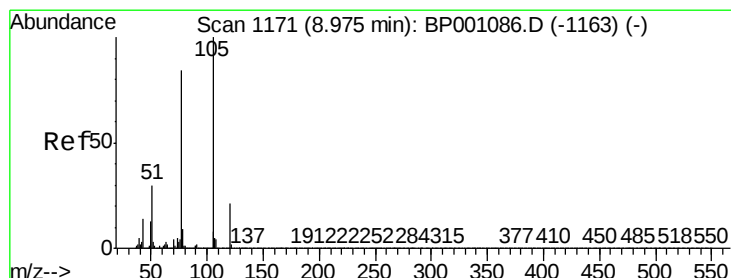
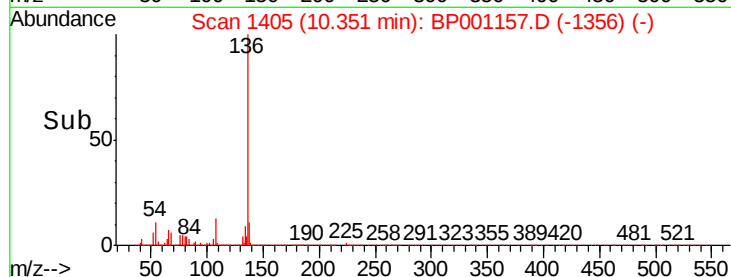
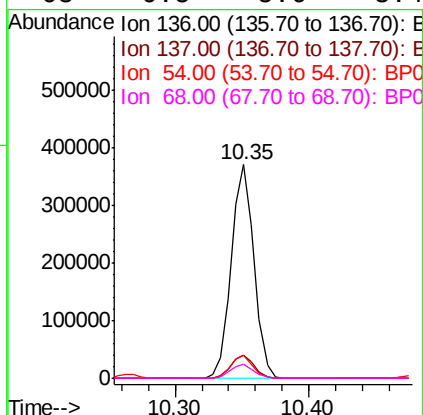
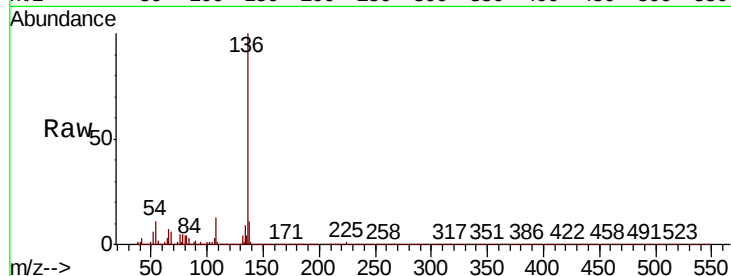




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

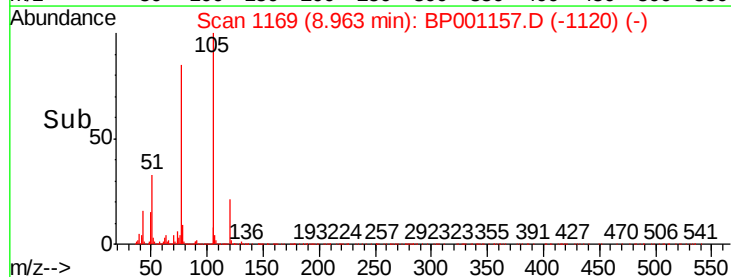
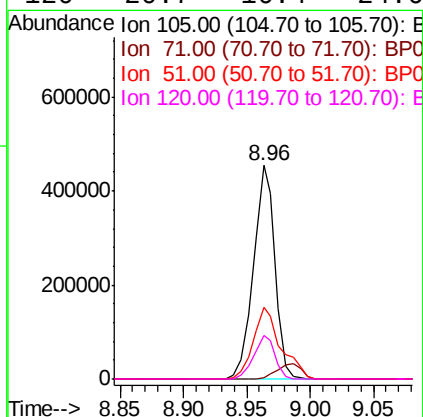
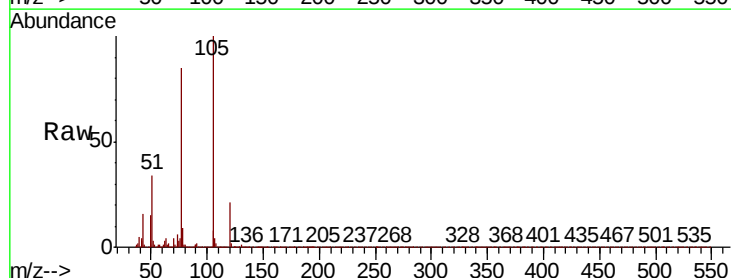
Instrument :
BNA_P
ClientSampled :

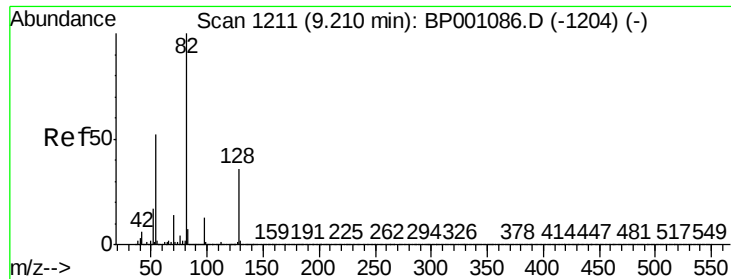
Tot Ion:136	Resp:	439818	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 10.6	7.9	11.9	
68 6.5	5.6	8.4	



#22
Acetophenone
Concen: 41.643 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt	Ion:105	Resp:	538316
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.5	0.7#
51	33.5	24.2	36.4
120	20.7	16.4	24.6

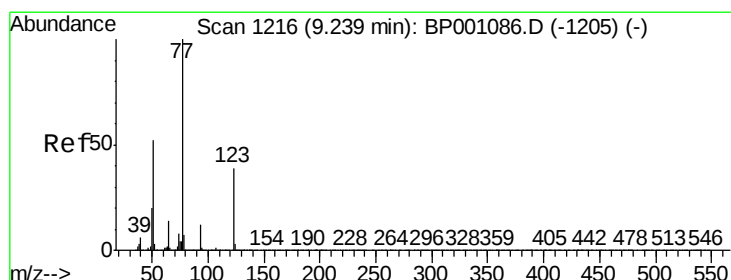
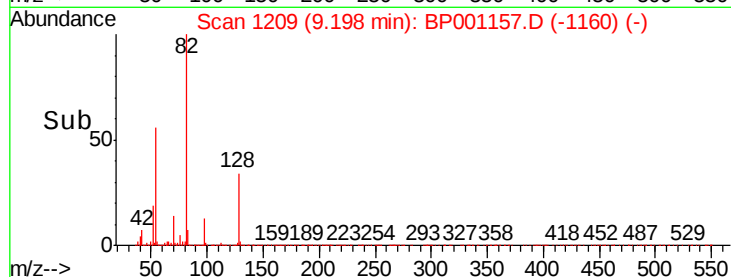
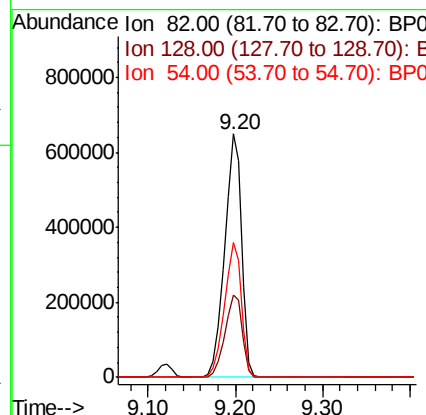
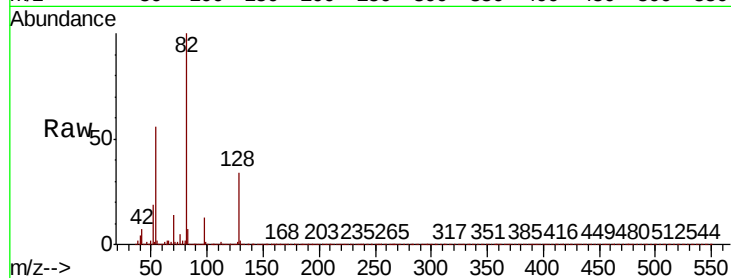




#23
Nitrobenzene-d5
Concen: 85.851 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

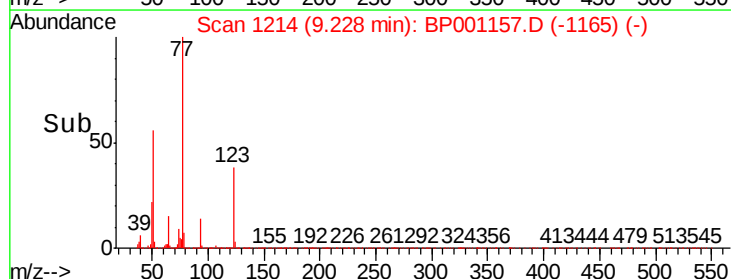
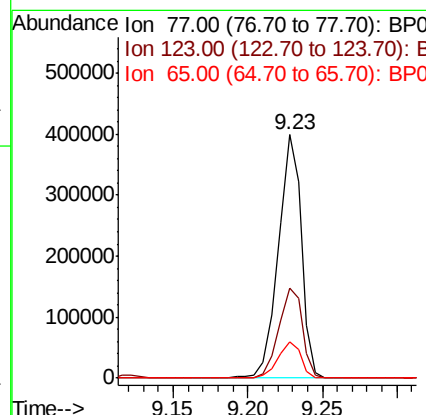
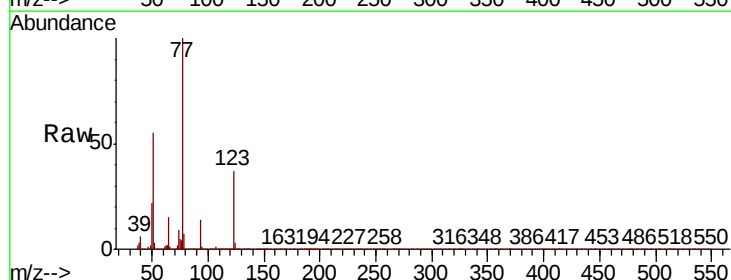
Instrument :
BNA_P
ClientSampleId :

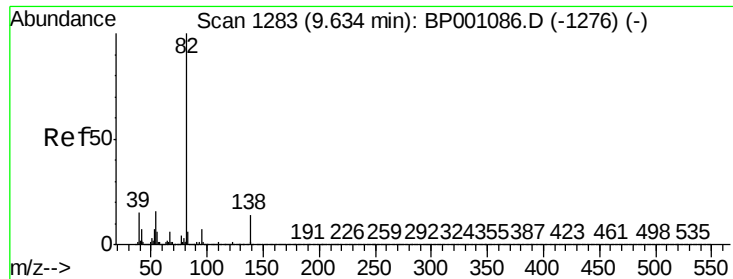
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.9	28.9	43.3
54	55.5	41.9	62.9



#24
Nitrobenzene
Concen: 42.508 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	31.0	46.4
65	14.7	11.0	16.6





#25

Isophorone

Concen: 39.835 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

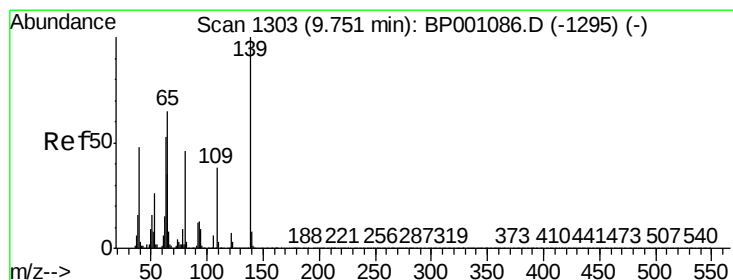
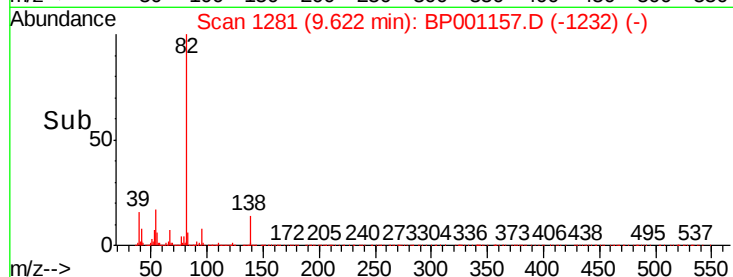
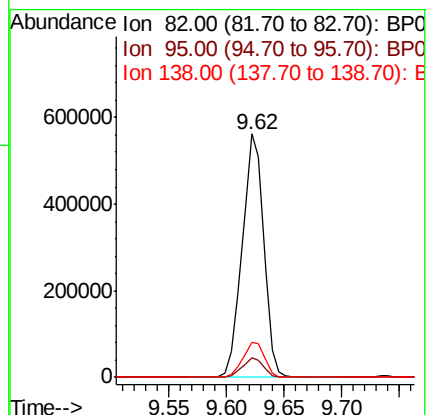
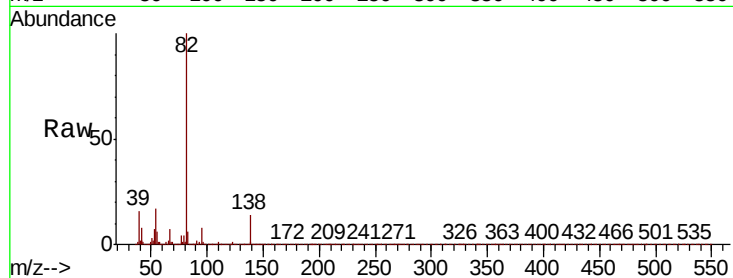
Tot Ion: 82 Resp: 724130

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

138 14.4 11.3 16.9



#26

2-Nitrophenol

Concen: 42.201 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

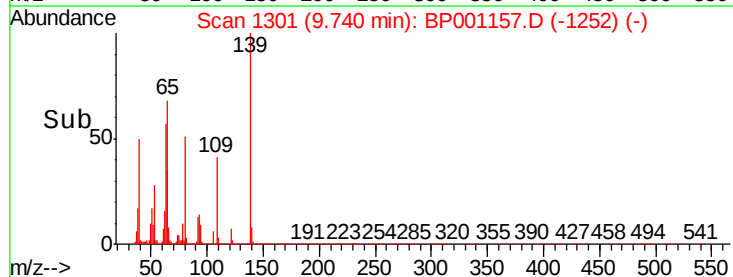
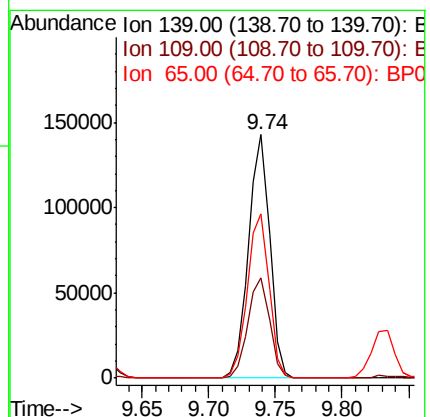
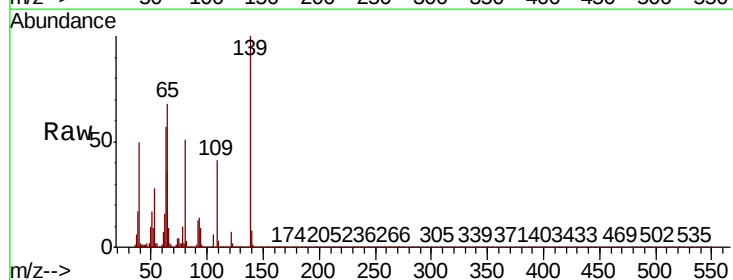
Tgt Ion: 139 Resp: 155821

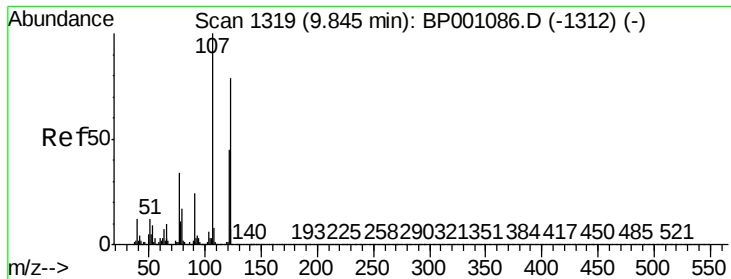
Ion Ratio Lower Upper

139 100

109 41.0 30.6 45.8

65 67.7 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 40.968 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BP001157.D

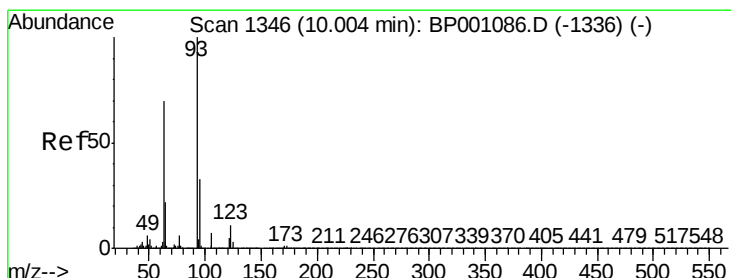
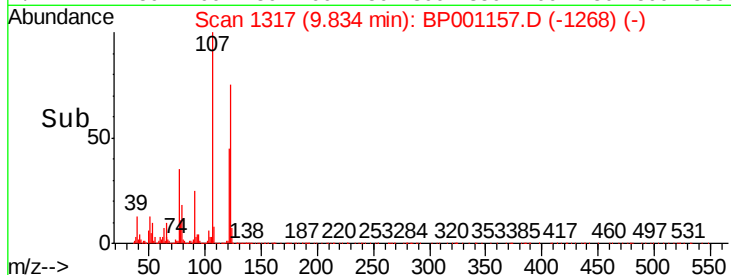
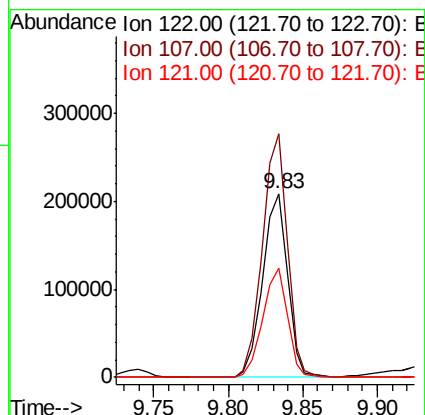
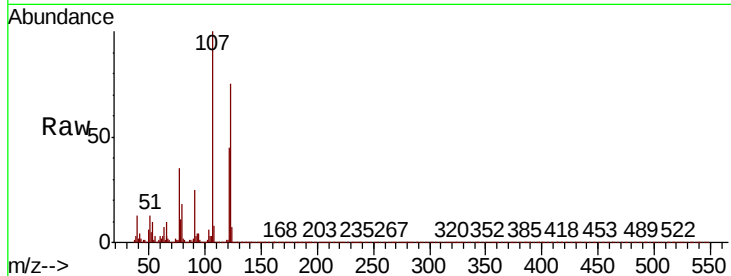
Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	122	Resp:	239603
Ion	Ratio	Lower	Upper
122	100		
107	132.7	101.9	152.9
121	59.5	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.046 ng

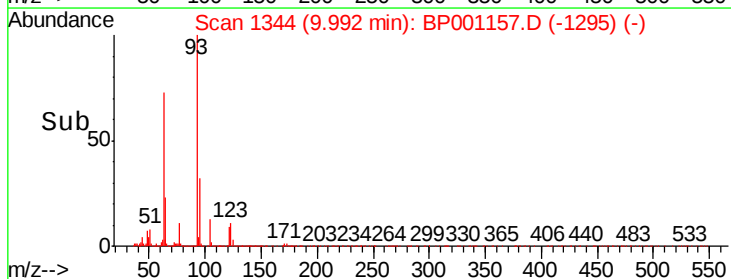
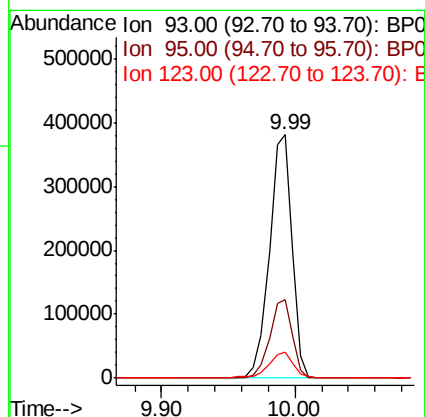
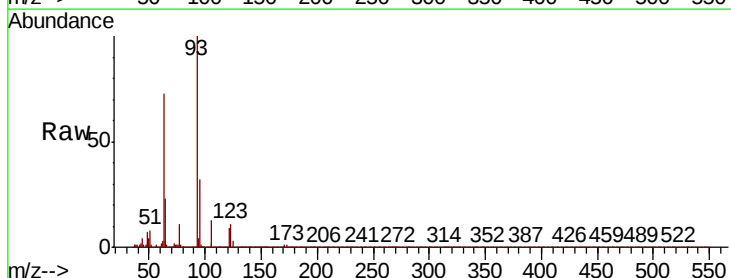
RT: 9.99 min Scan# 1344

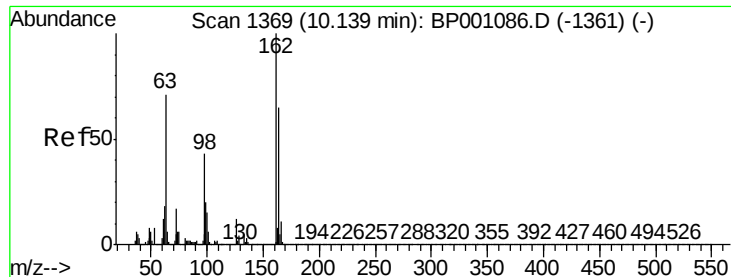
Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Tgt Ion:	93	Resp:	445337
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	10.9	8.9	13.3

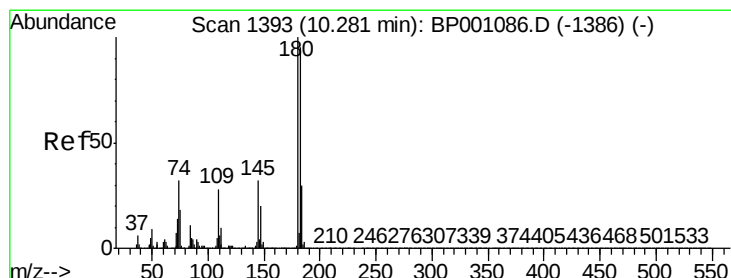
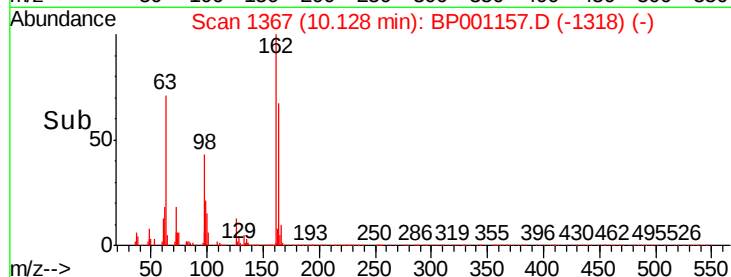
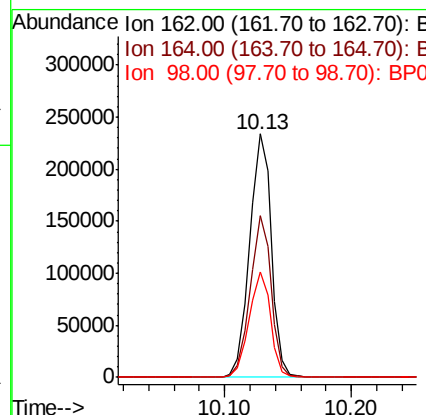
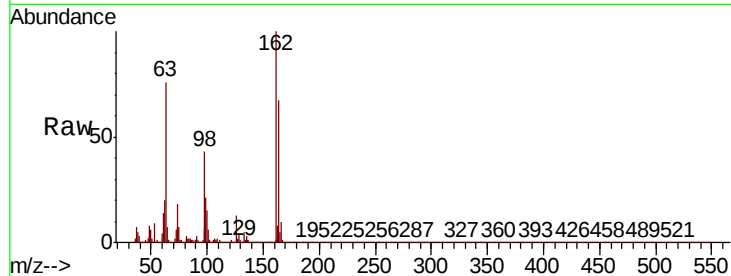




#29
2,4-Dichlorophenol
Concen: 41.774 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

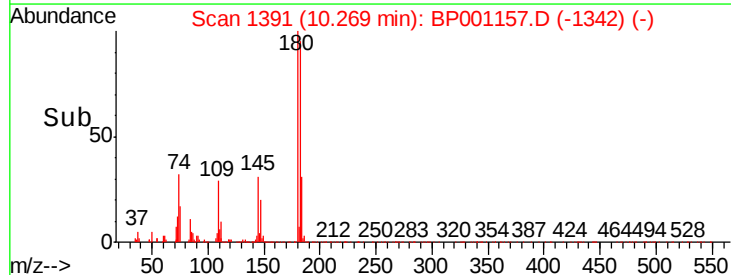
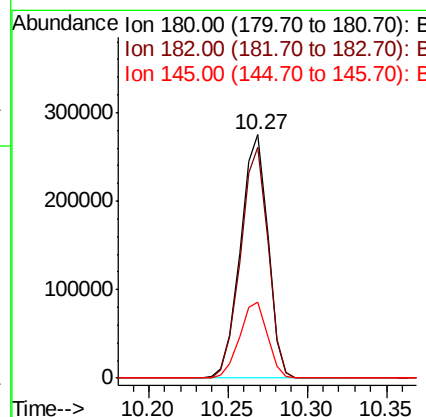
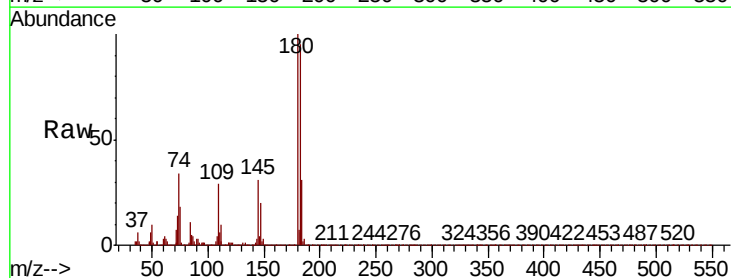
Instrument :
BNA_P
ClientSampleId :

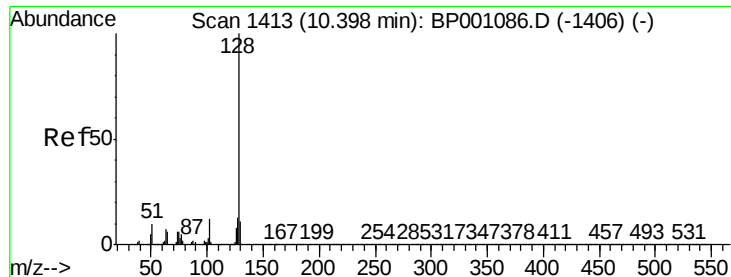
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	45.1	85.1
98	43.5	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 42.378 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.3	114.5
145	31.4	25.4	38.2

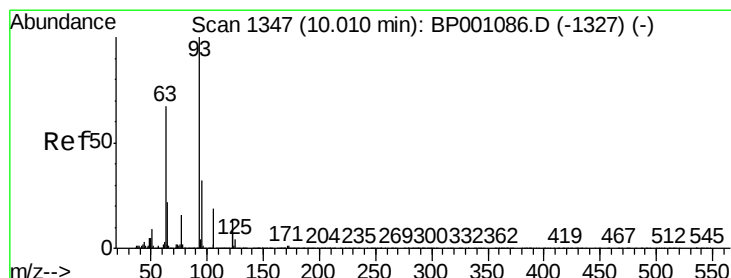
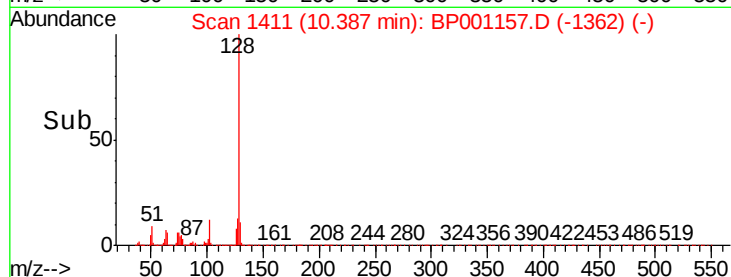
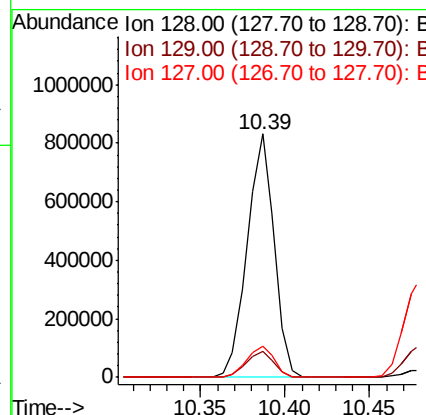
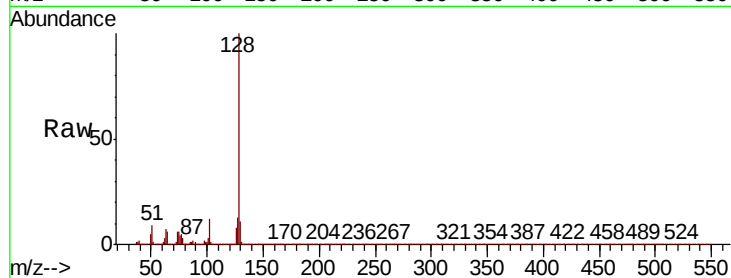




#31
Naphthalene
Concen: 41.243 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

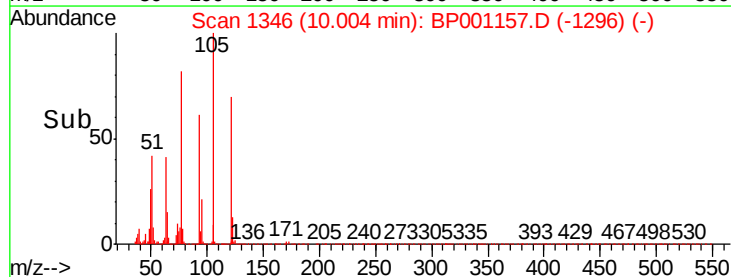
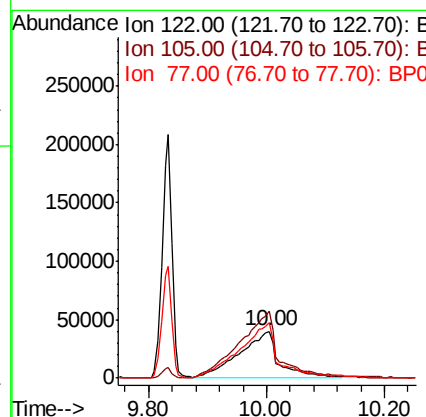
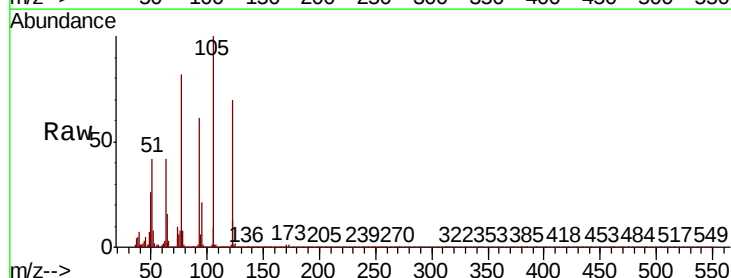
Instrument :
BNA_P
ClientSampleId :

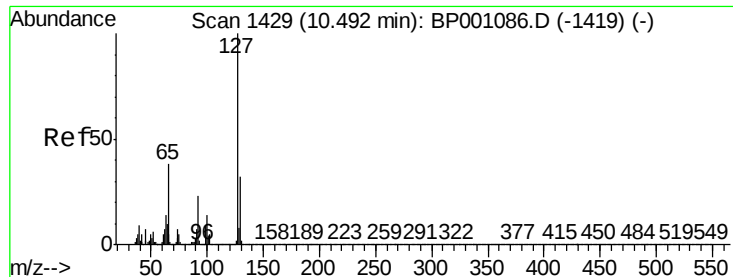
Tot Ion:128 Resp: 926426
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 42.877 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:122 Resp: 181294
Ion Ratio Lower Upper
122 100
105 142.2 116.8 156.8
77 116.4 95.0 135.0

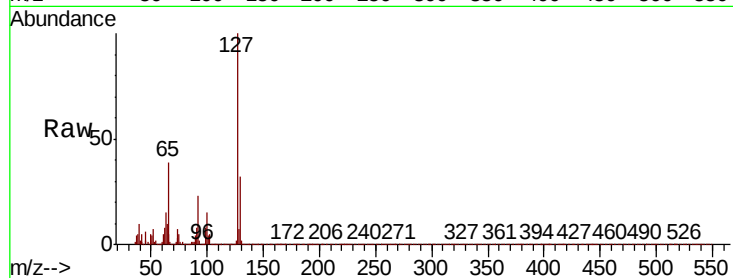




#33
4-Chloroaniline
Concen: 40.494 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	394723
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	39.2	30.6	46.0
92	23.4	18.5	27.7



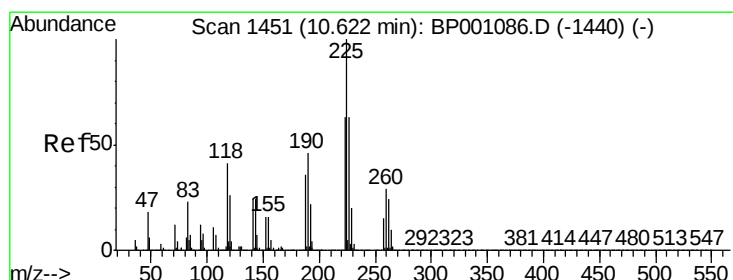
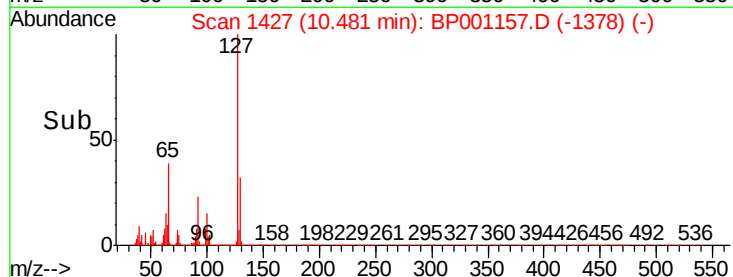
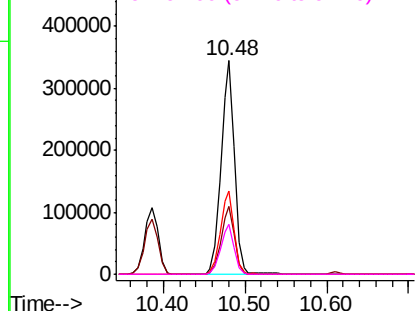
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

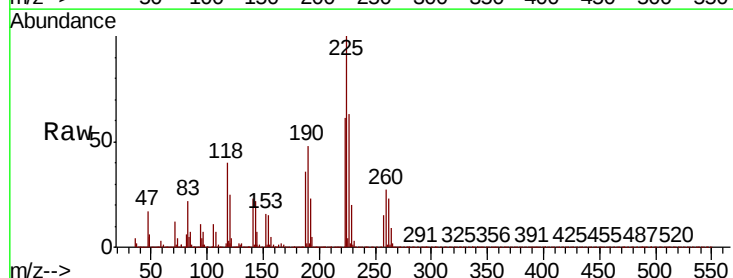
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 43.513 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:	225	Resp:	212816
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.0	75.0
227	63.4	50.0	75.0

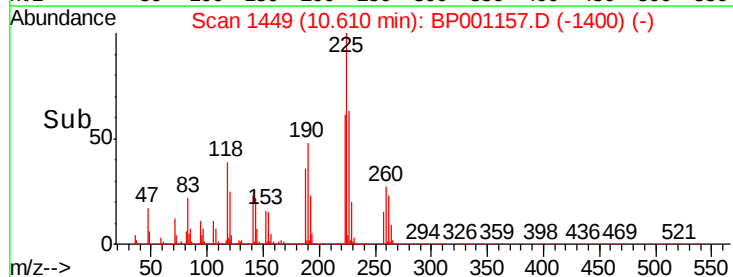
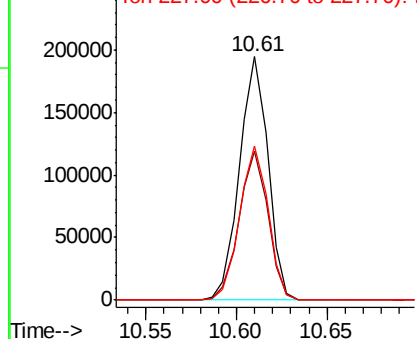


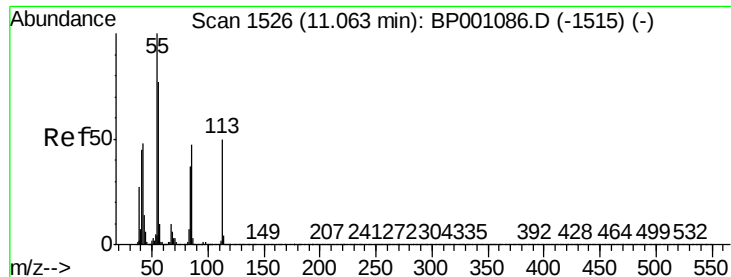
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

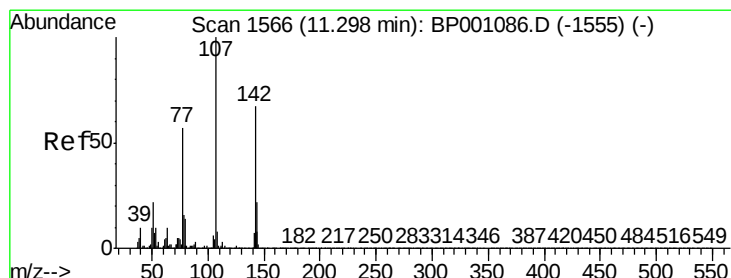
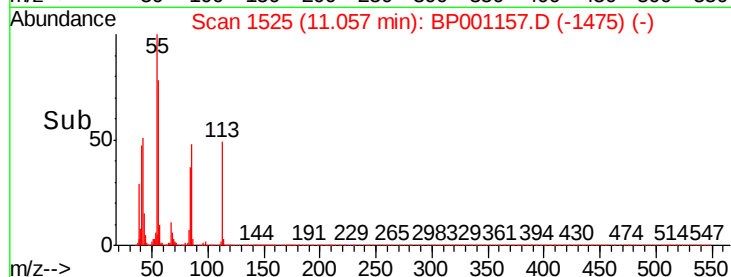
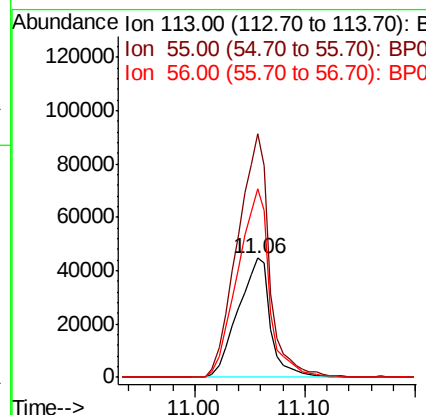
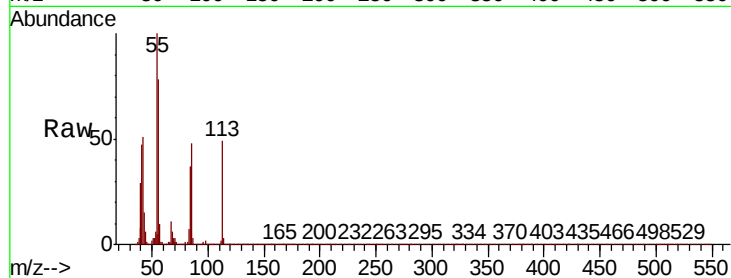




#35
Caprolactam
Concen: 40.095 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

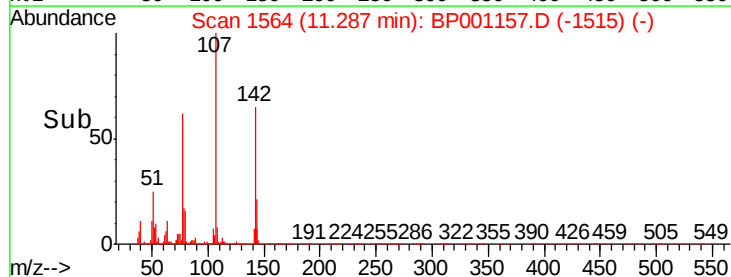
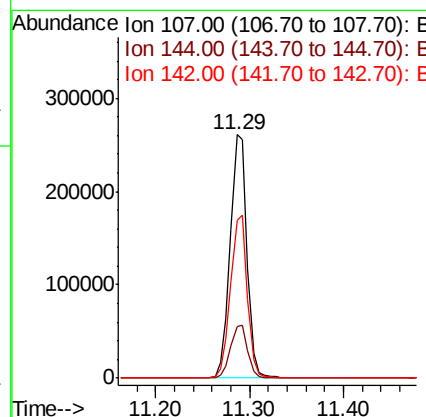
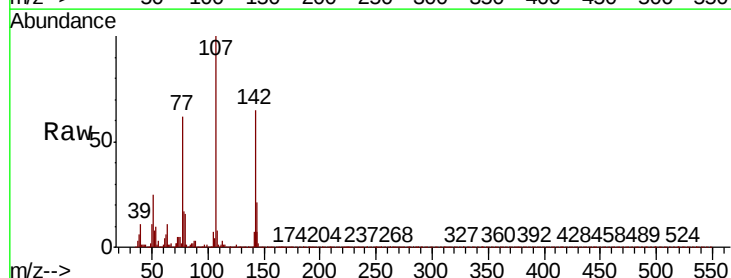
Instrument :
BNA_P
ClientSampleId :

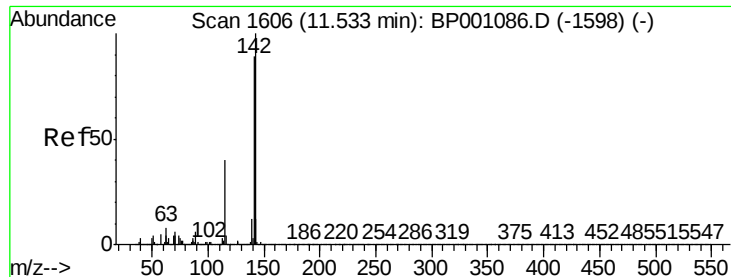
Tot Ion:113 Resp: 91984
Ion Ratio Lower Upper
113 100
55 204.9 181.2 221.2
56 158.9 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 41.208 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:107 Resp: 325223
Ion Ratio Lower Upper
107 100
144 21.0 17.5 26.3
142 65.0 53.3 79.9

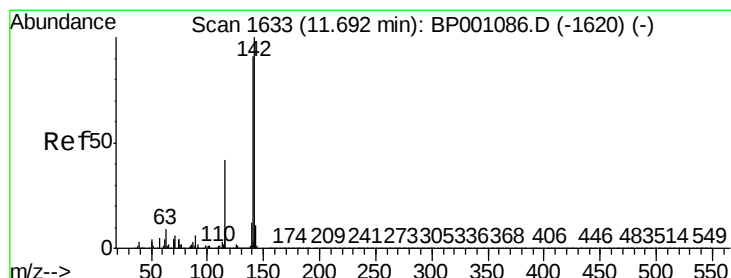
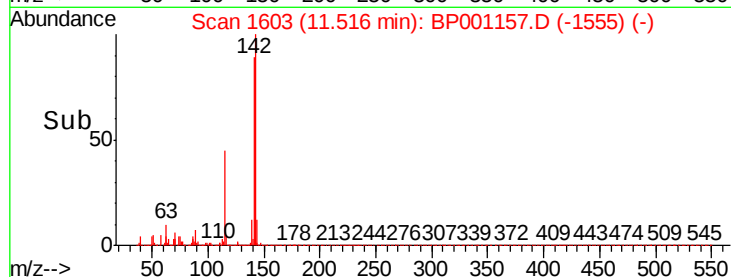
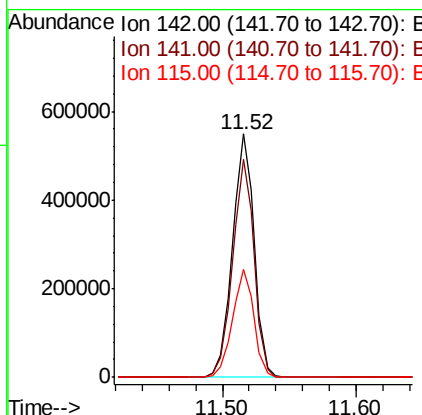
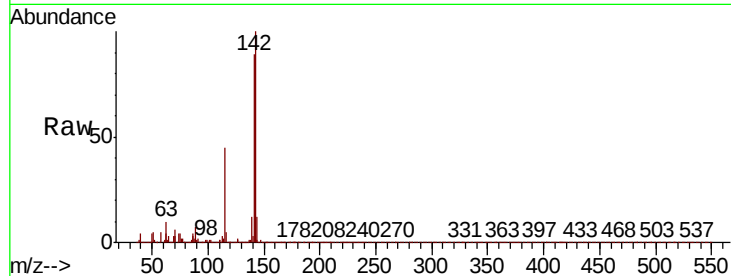




#37
2-Methylnaphthalene
Concen: 40.684 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

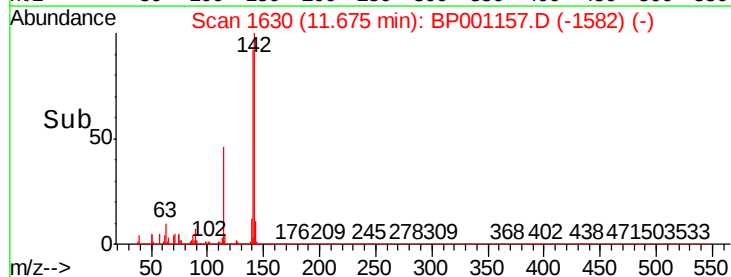
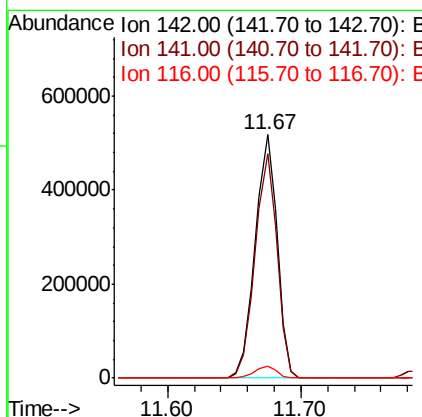
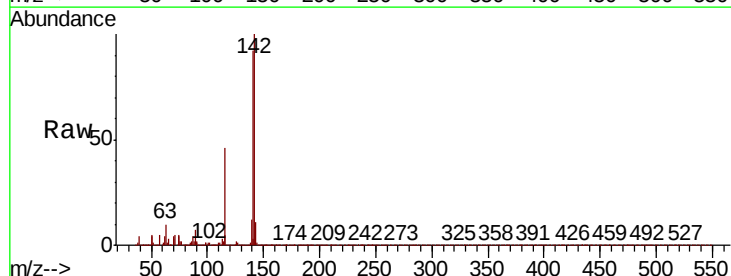
Instrument :
BNA_P
ClientSampleId :

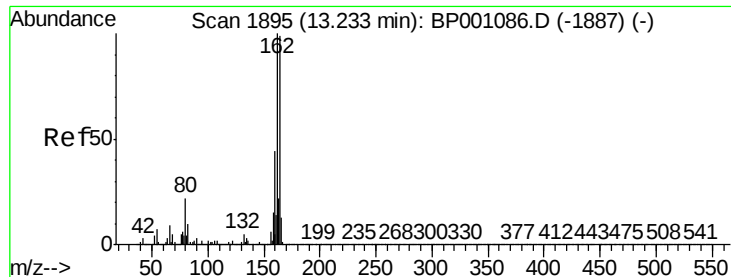
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7
115	44.6	32.3	48.5



#38
1-Methylnaphthalene
Concen: 40.288 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.4
116	4.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.22 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampled :

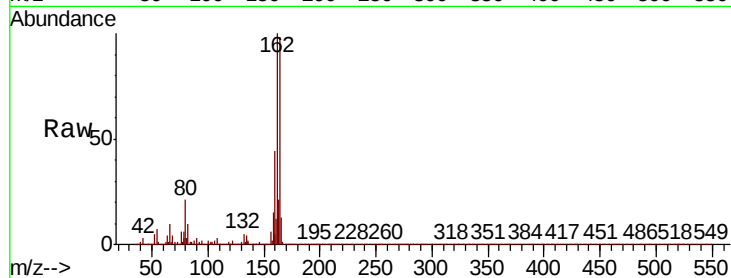
Tot Ion:164 Resp: 245456

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

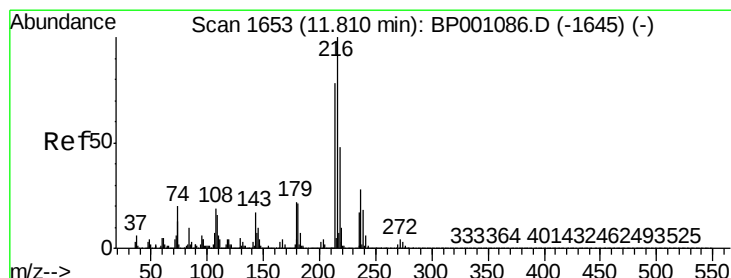
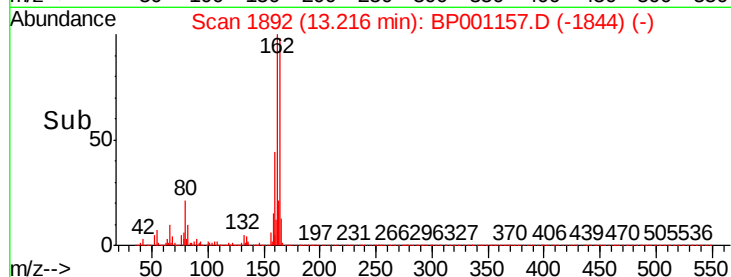
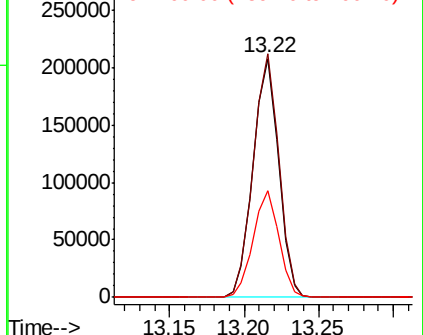
160 44.6 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.410 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Tgt Ion:216 Resp: 328060

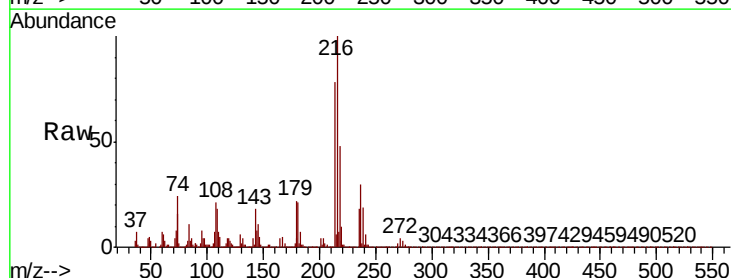
Ion Ratio Lower Upper

216 100

214 77.8 62.8 94.2

179 22.1 17.6 26.4

108 22.2 17.7 26.5

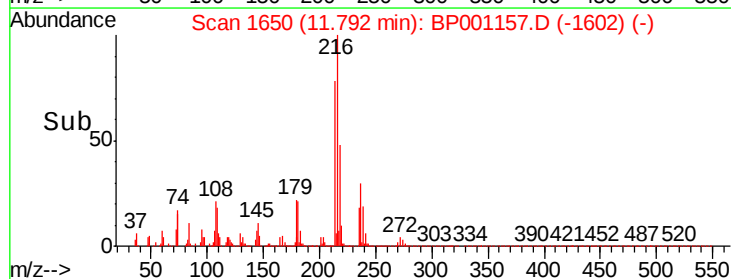
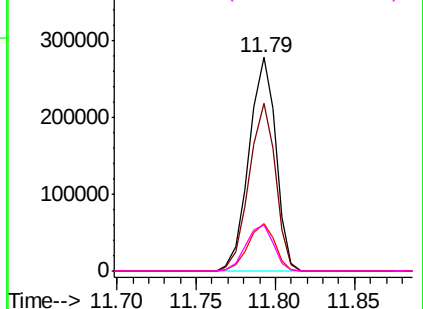


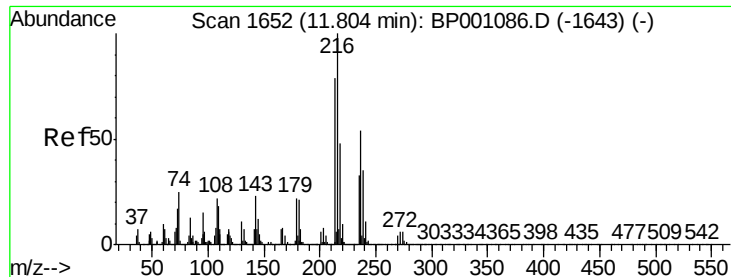
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

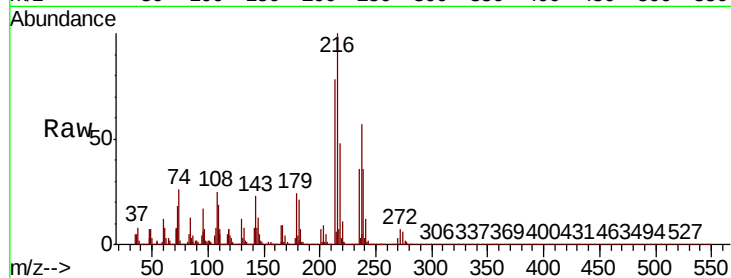




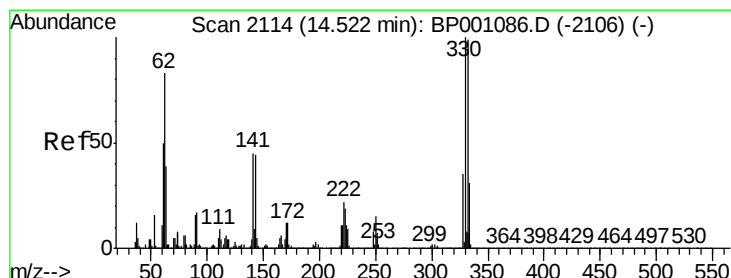
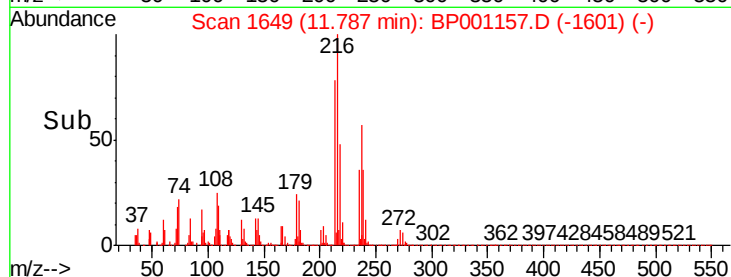
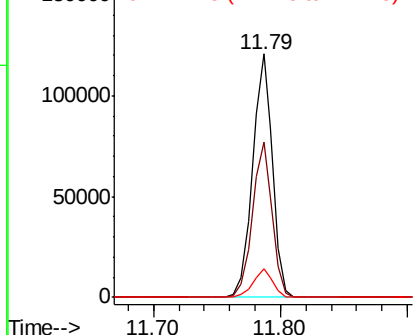
#41
Hexachlorocyclopentadiene
Concen: 36.940 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.8	81.8
272	11.9	0.0	31.9

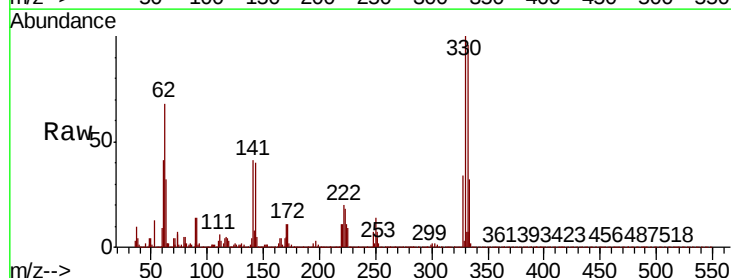


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

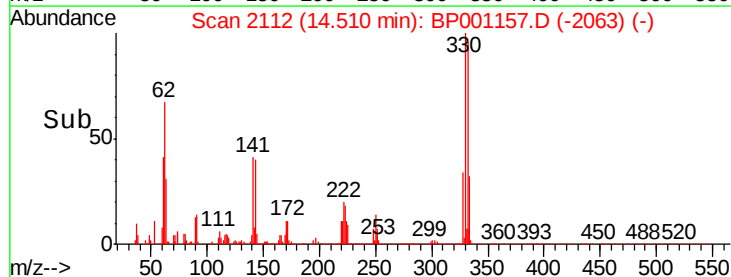
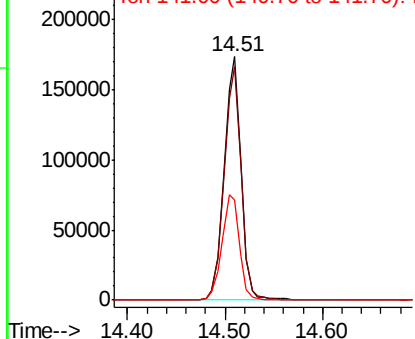


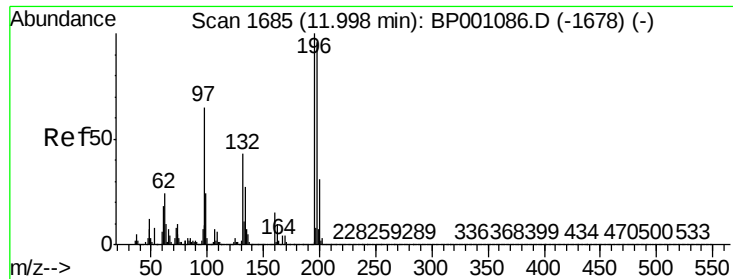
#42
2,4,6-Tribromophenol
Concen: 88.158 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	45.1	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

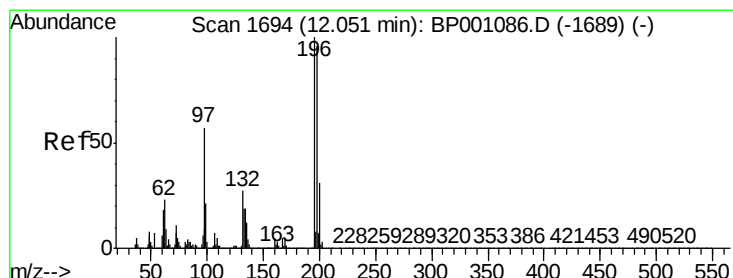
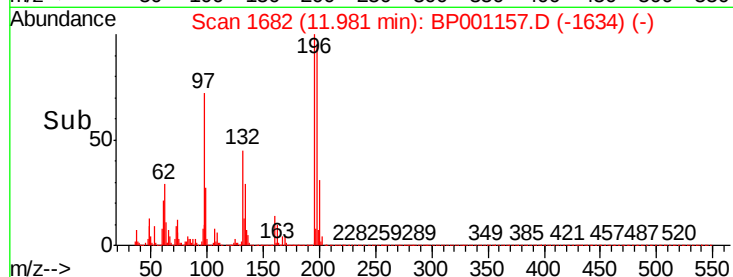
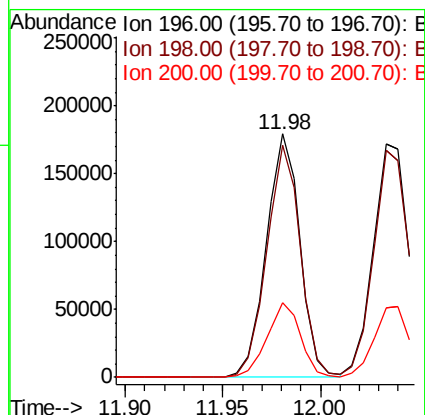
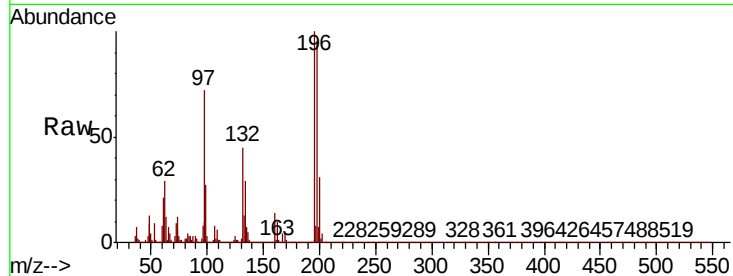




#43
2,4,6-Trichlorophenol
Concen: 42.225 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

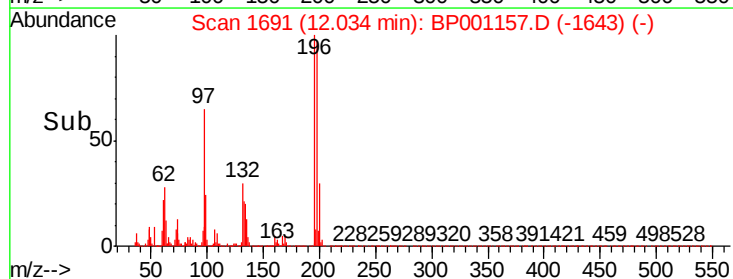
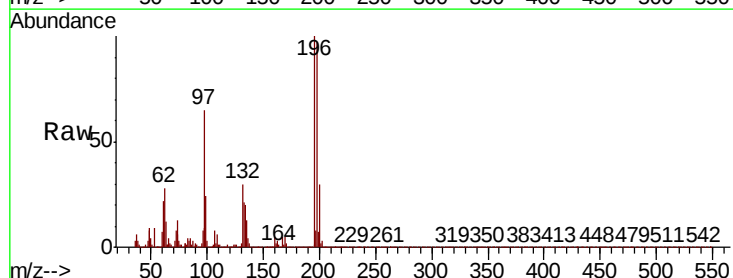
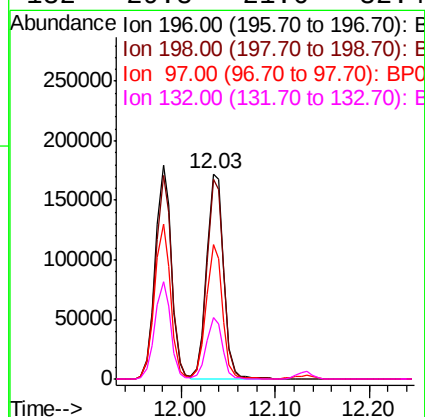
Instrument :
BNA_P
ClientSampled :

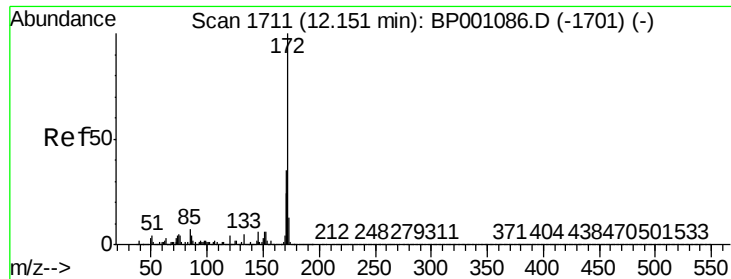
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.7	115.1
200	30.7	24.7	37.1



#44
2,4,5-Trichlorophenol
Concen: 41.834 ng
RT: 12.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.8	115.2
97	65.3	46.1	69.1
132	29.8	21.6	32.4

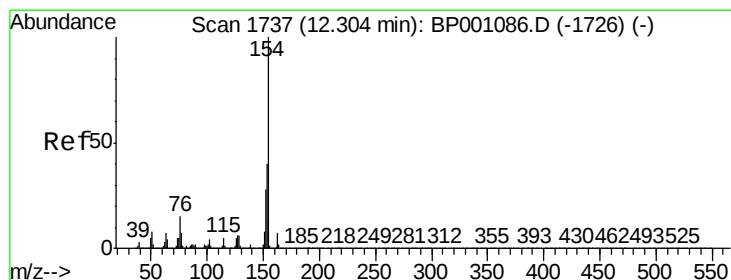
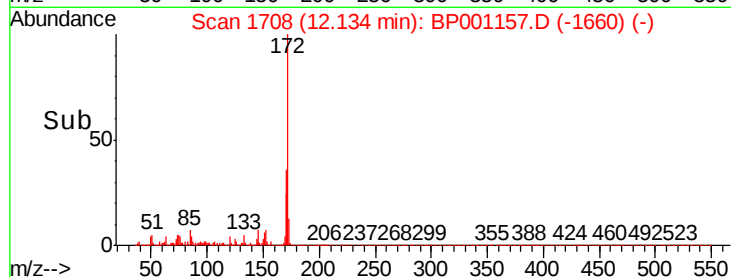
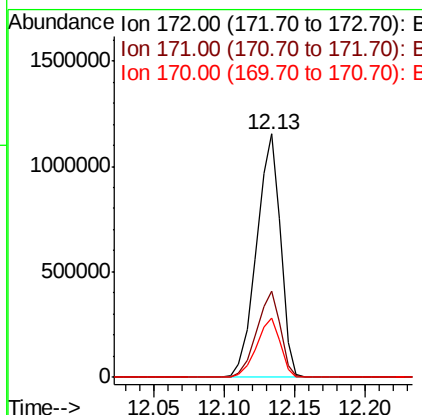
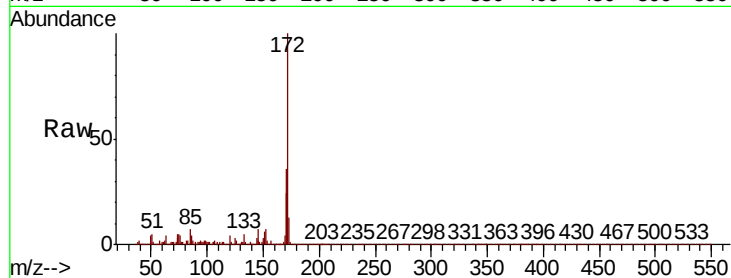




#45
2-Fluorobiphenyl
Concen: 82.641 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

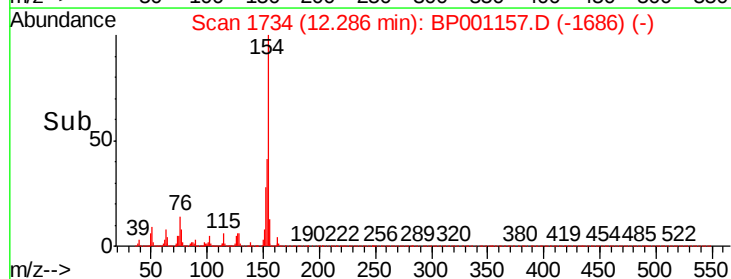
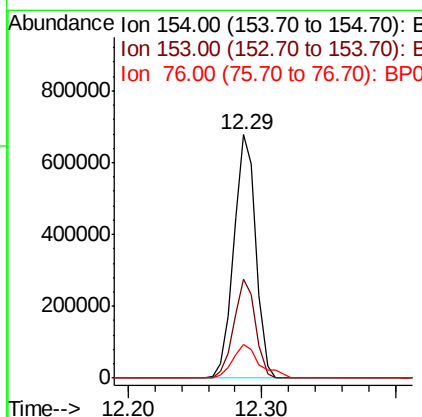
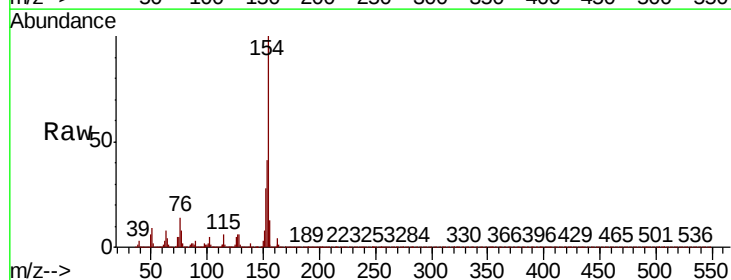
Instrument :
BNA_P
ClientSampleId :

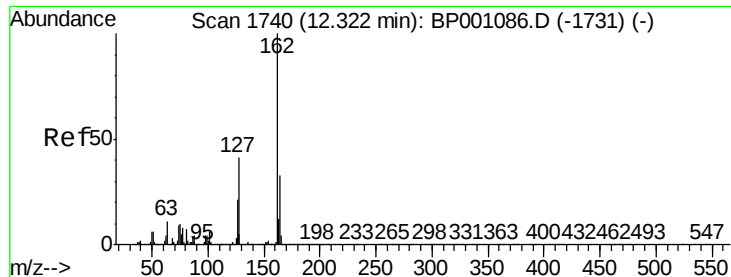
Tot Ion:172 Resp: 1385965
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.999 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:154 Resp: 777740
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 14.0 0.0 34.5

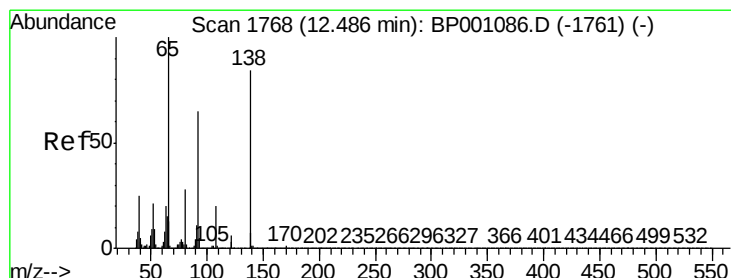
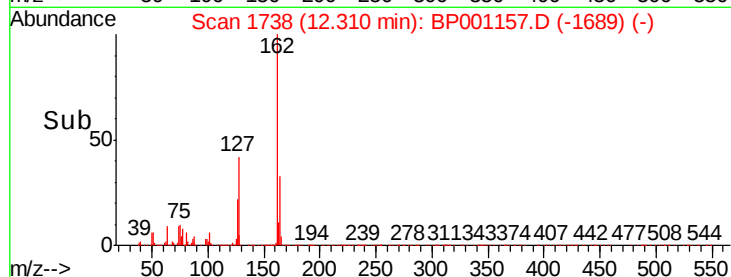
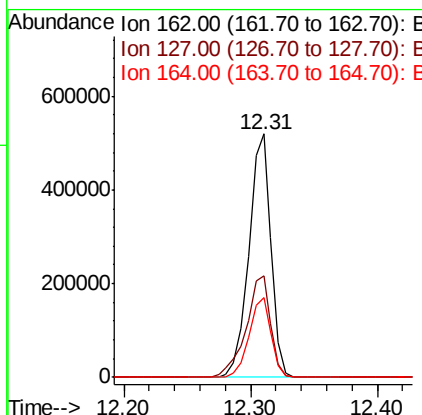
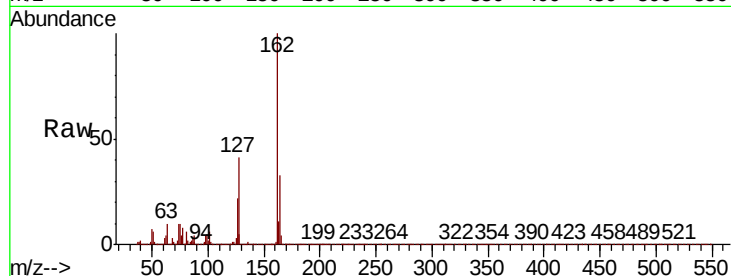




#47
 2-Chloronaphthalene
 Concen: 41.360 ng
 RT: 12.31 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BP001157.D
 Acq: 03 Dec 2019 16:11

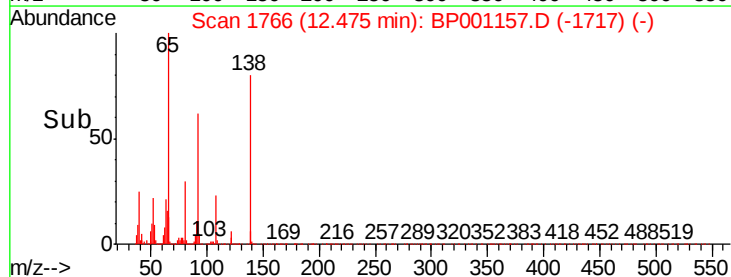
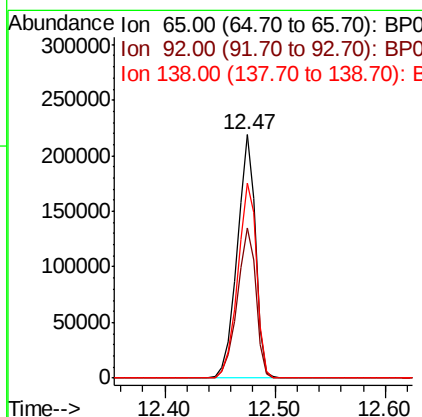
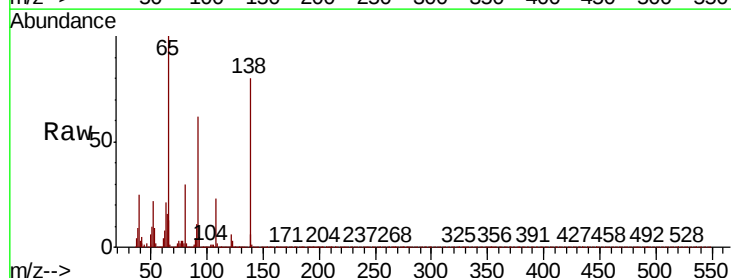
Instrument :
 BNA_P
 ClientSampleId :

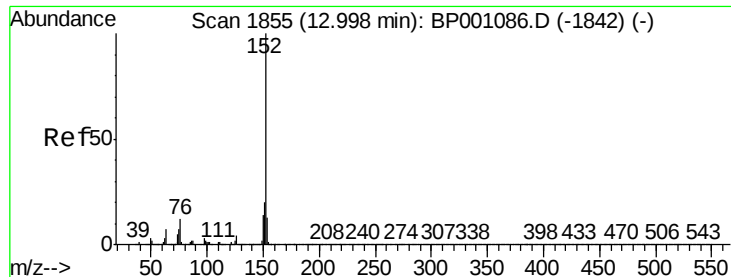
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.0	49.6
164	32.8	26.7	40.1



#48
 2-Nitroaniline
 Concen: 42.883 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BP001157.D
 Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.7	51.6	77.4
138	79.9	67.3	100.9





#49

Acenaphthylene

Concen: 41.448 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001157.D

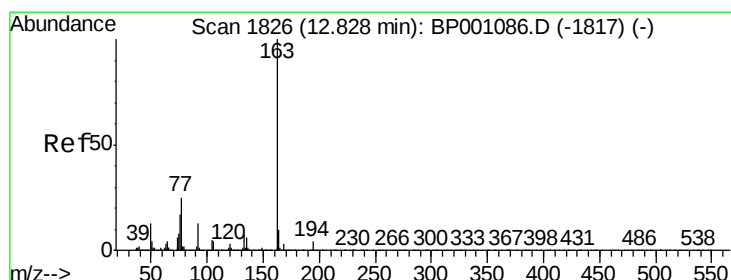
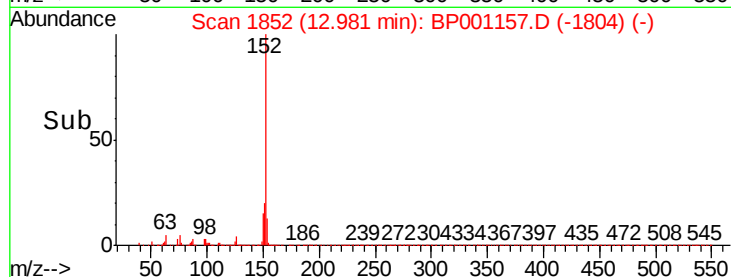
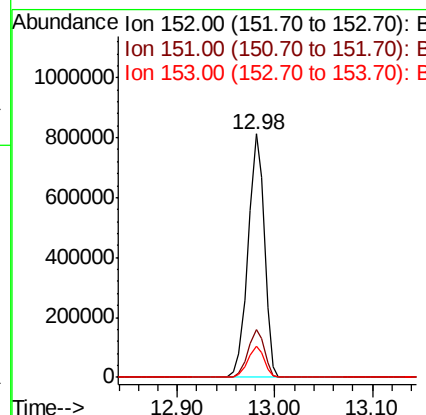
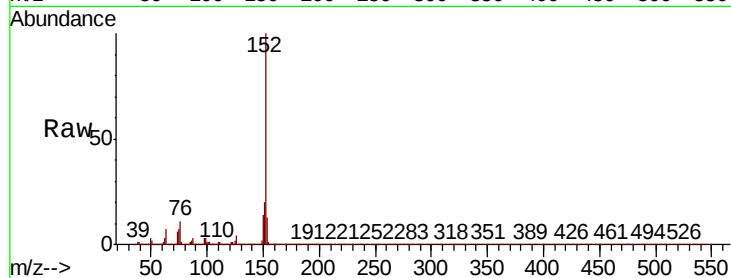
Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	941417
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.9	10.2	15.4



#50

Dimethylphthalate

Concen: 40.559 ng

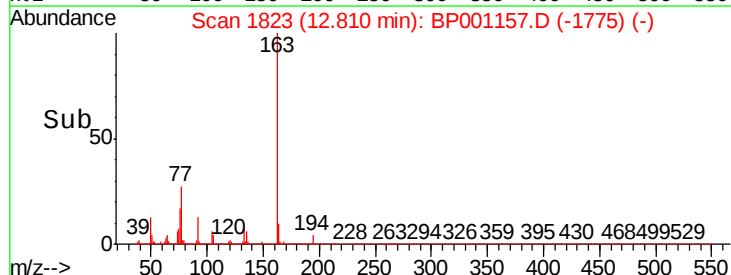
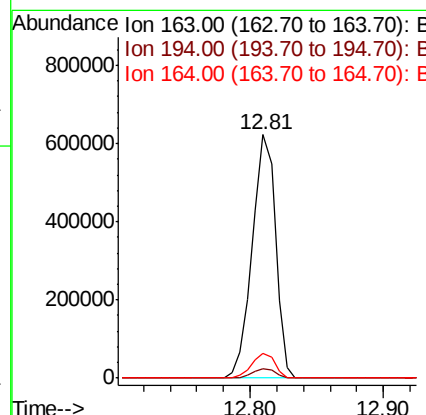
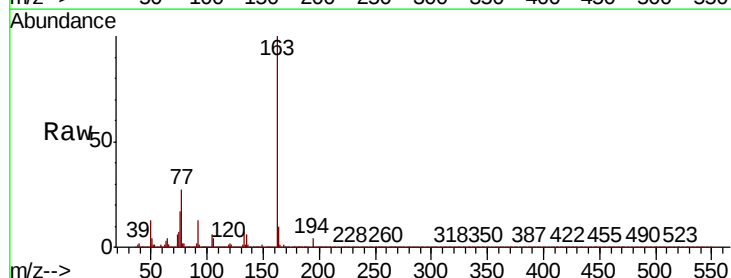
RT: 12.81 min Scan# 1823

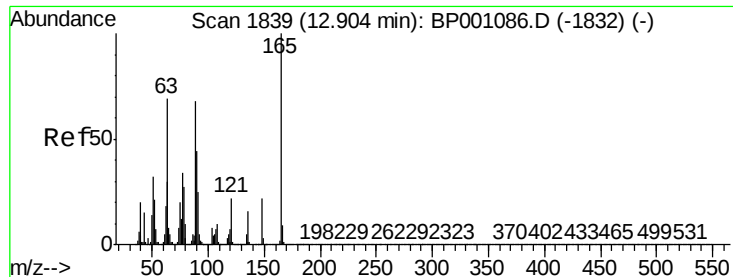
Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Tgt Ion:	163	Resp:	744569
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.3	8.1	12.1

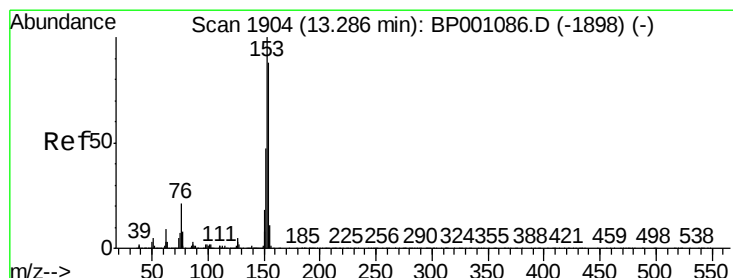
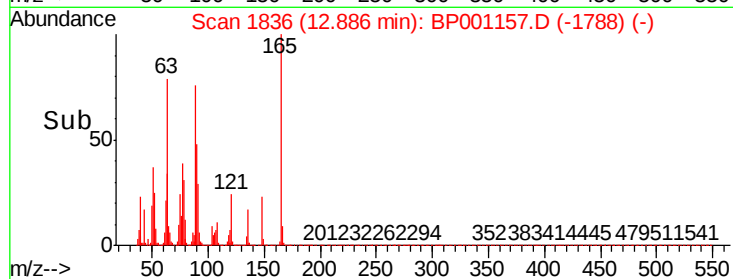
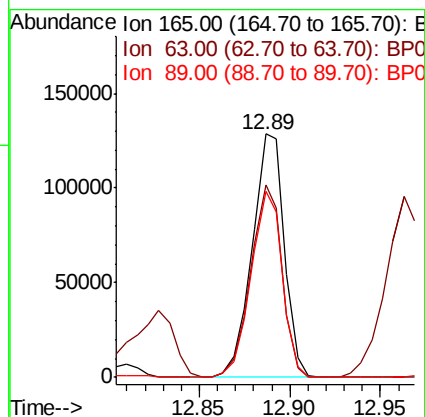
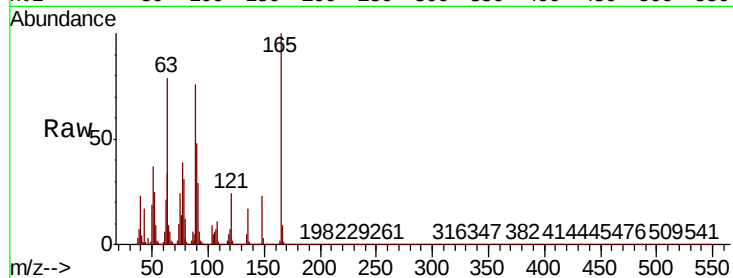




#51
2,6-Dinitrotoluene
Concen: 40.274 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

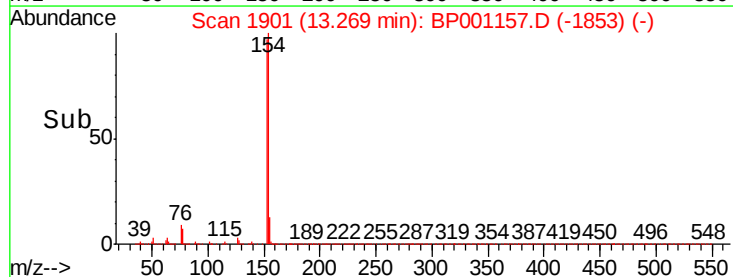
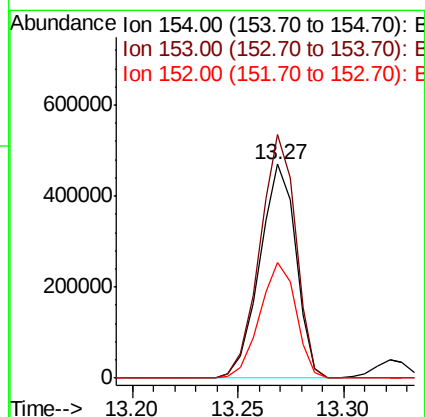
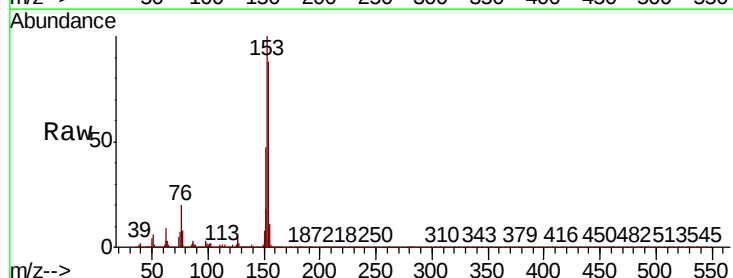
Instrument :
BNA_P
ClientSampleId :

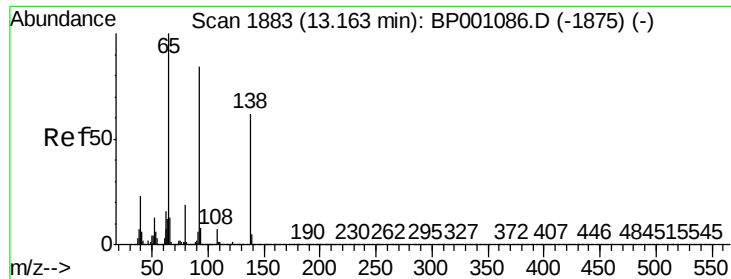
Tot Ion:165 Resp: 158267
Ion Ratio Lower Upper
165 100
63 78.8 55.6 83.4
89 76.4 54.1 81.1



#52
Acenaphthene
Concen: 41.080 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:154 Resp: 561261
Ion Ratio Lower Upper
154 100
153 113.7 90.5 135.7
152 53.8 42.6 64.0

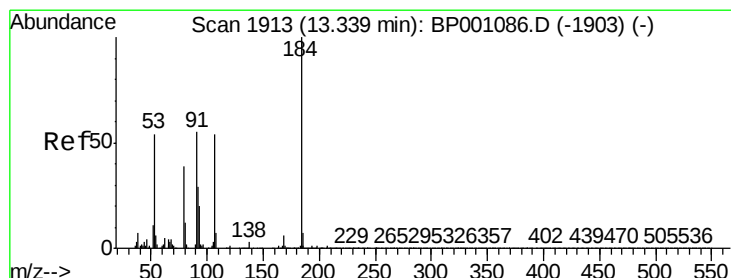
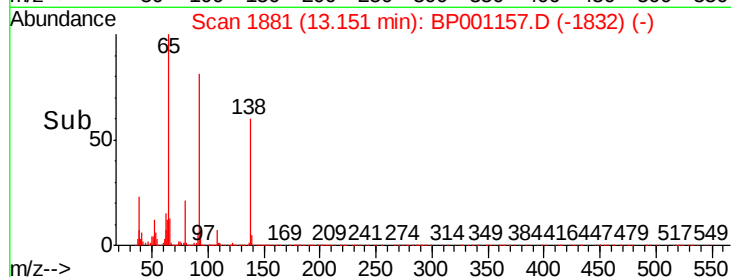
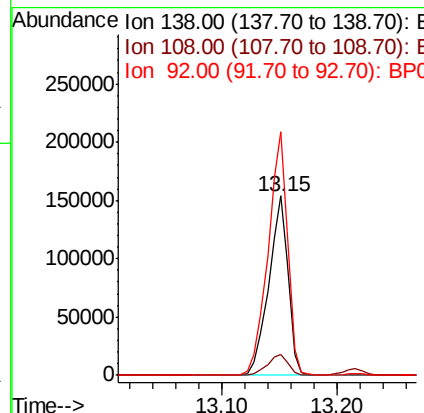
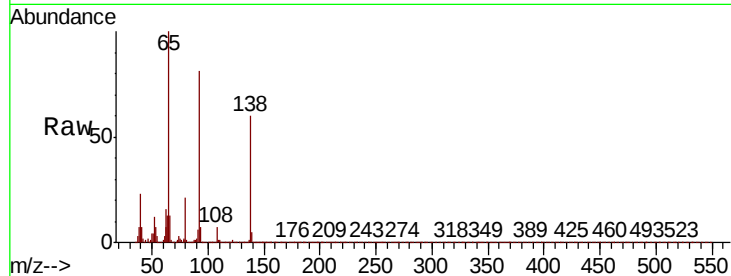




#53
3-Nitroaniline
Concen: 41.066 ng
RT: 13.15 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

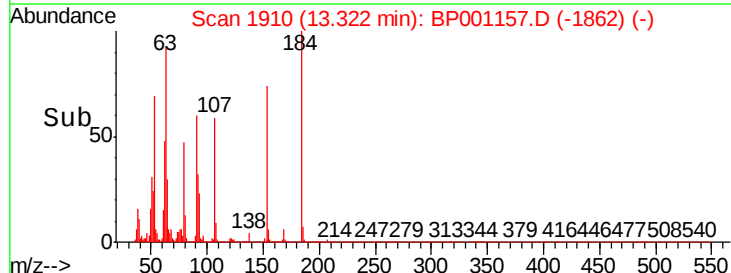
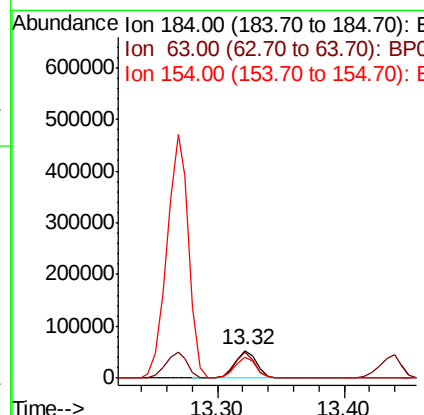
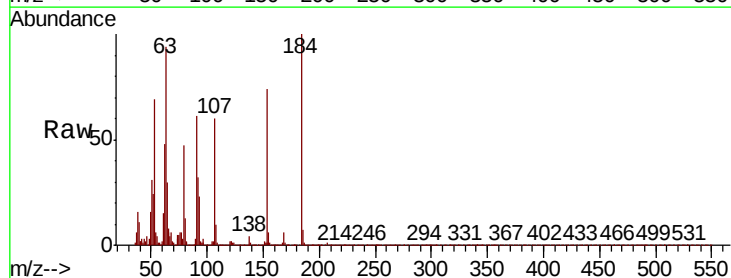
Instrument :
BNA_P
ClientSampleId :

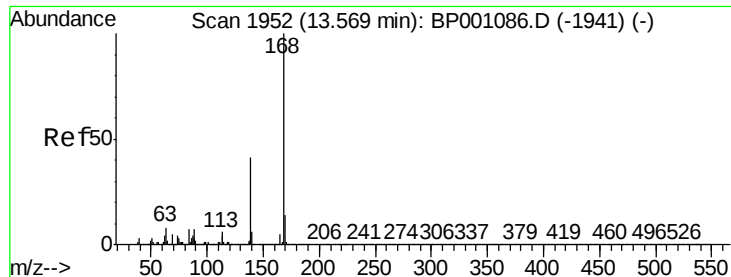
Tot Ion:138 Resp: 181285
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 135.7 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 42.852 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:184 Resp: 62968
Ion Ratio Lower Upper
184 100
63 93.7 60.7 91.1#
154 74.3 56.2 84.2





#55

Dibenzofuran

Concen: 41.510 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampled :

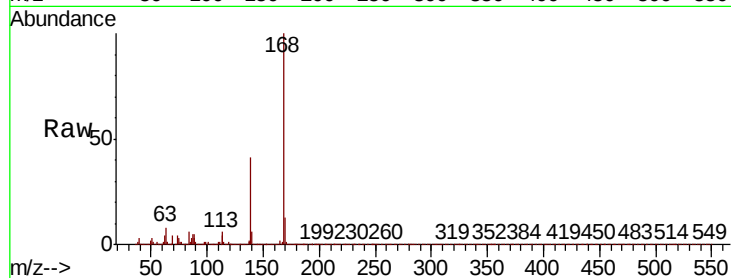
Tot Ion:168 Resp: 852224

Ion Ratio Lower Upper

168 100

139 41.4 32.8 49.2

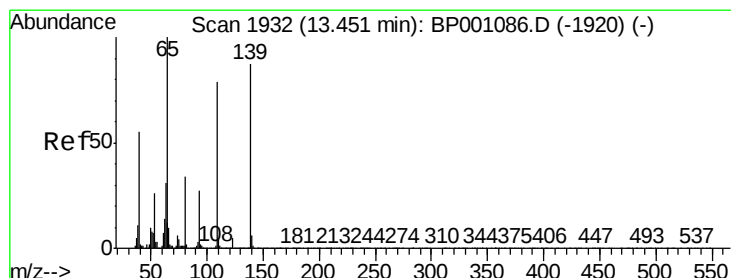
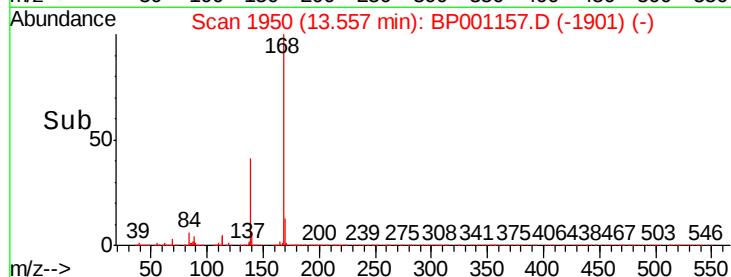
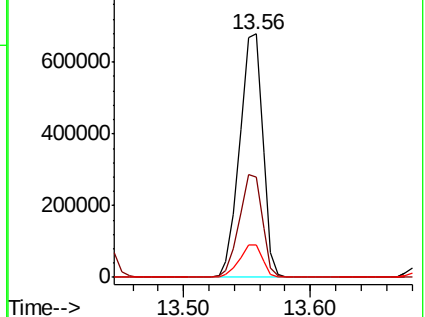
169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.732 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

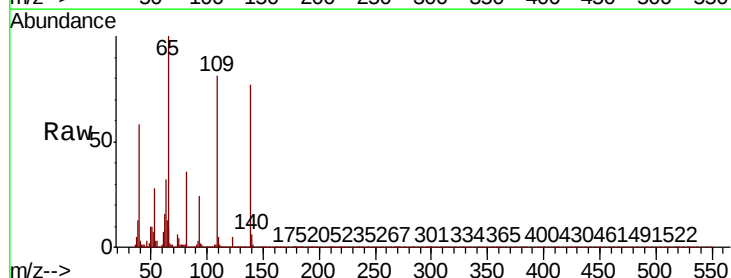
Tgt Ion:139 Resp: 133669

Ion Ratio Lower Upper

139 100

109 104.3 70.9 110.9

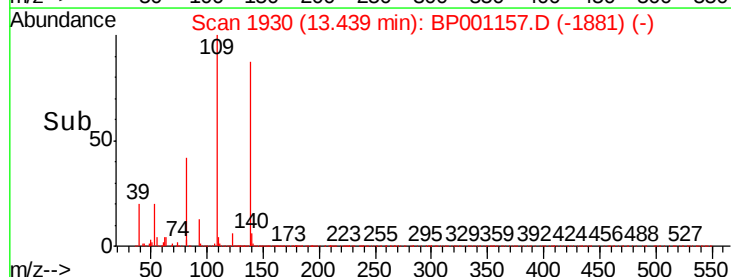
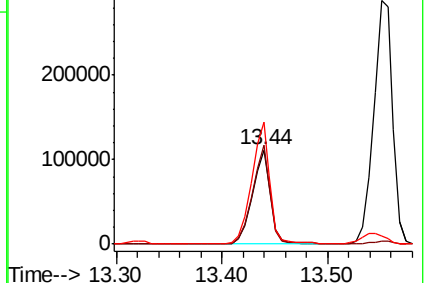
65 129.4 95.2 135.2

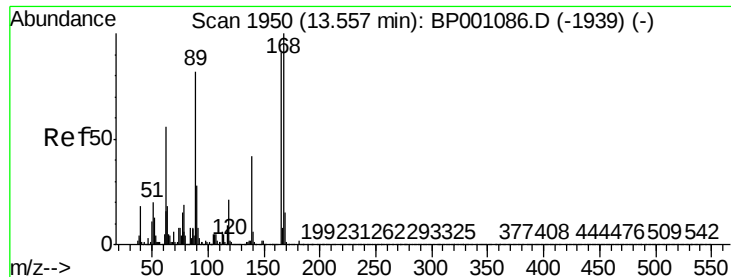


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

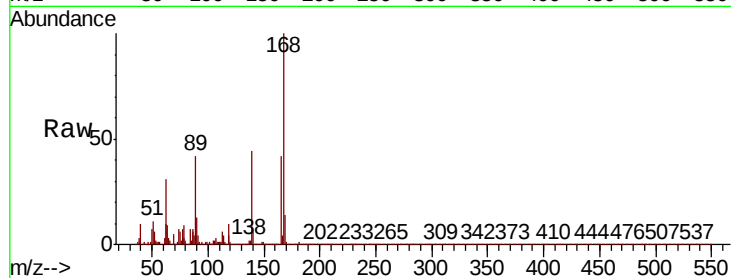




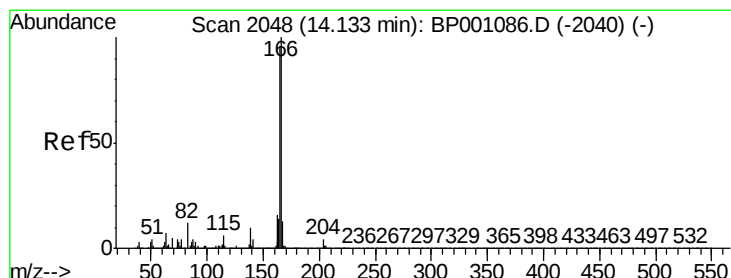
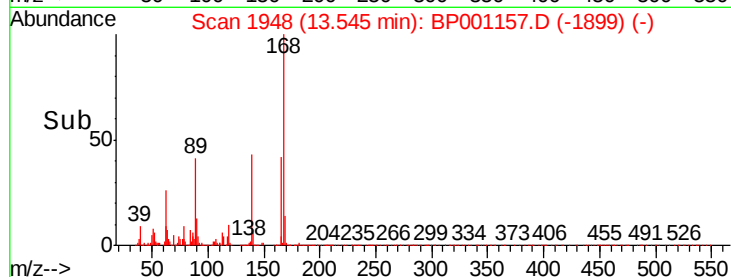
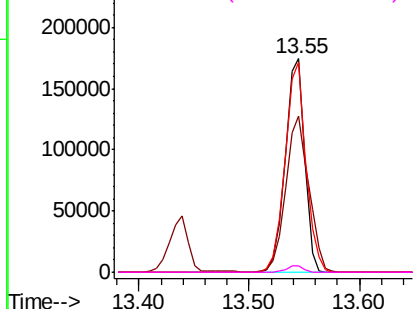
#57
2,4-Dinitrotoluene
Concen: 42.818 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 210910
Ion Ratio Lower Upper
165 100
63 73.3 49.4 74.2
89 98.1 72.1 108.1
182 2.7 2.0 3.0

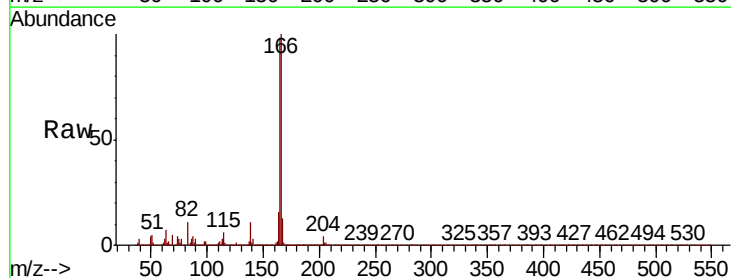


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

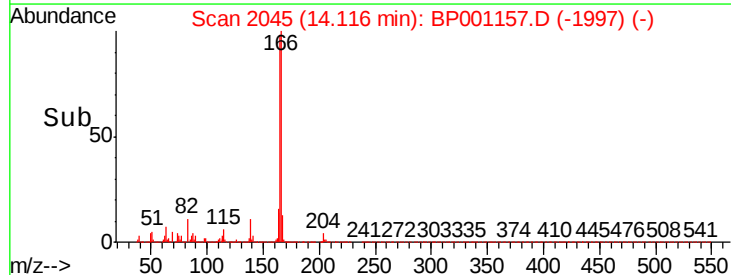
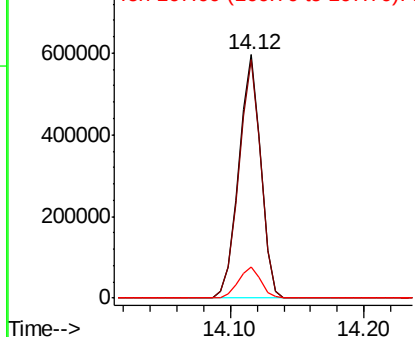


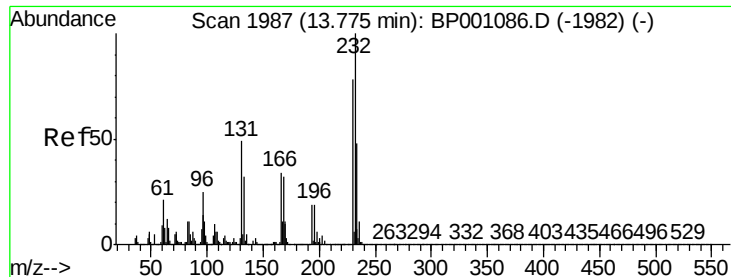
#58
Fluorene
Concen: 41.319 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:166 Resp: 679747
Ion Ratio Lower Upper
166 100
165 98.2 76.7 115.1
167 12.9 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

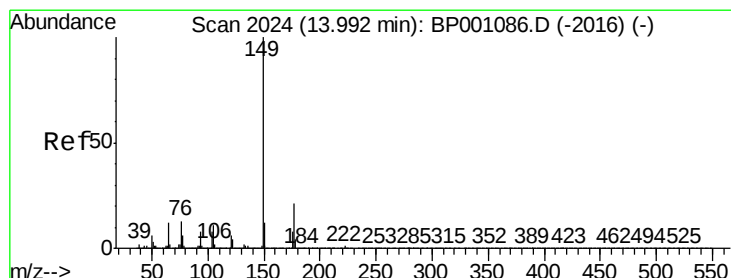
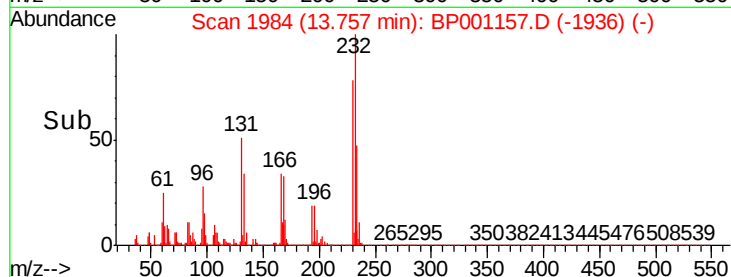
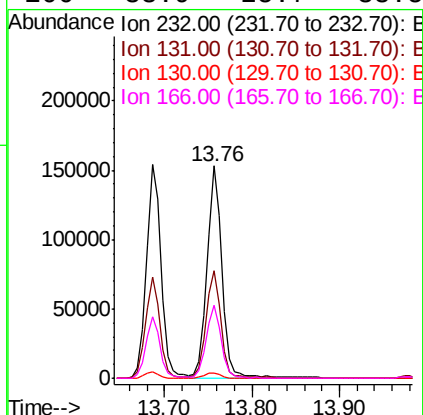
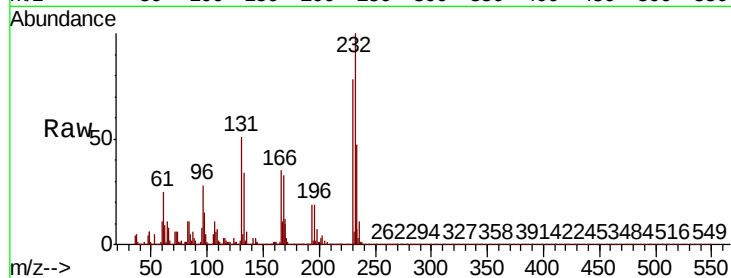




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.454 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

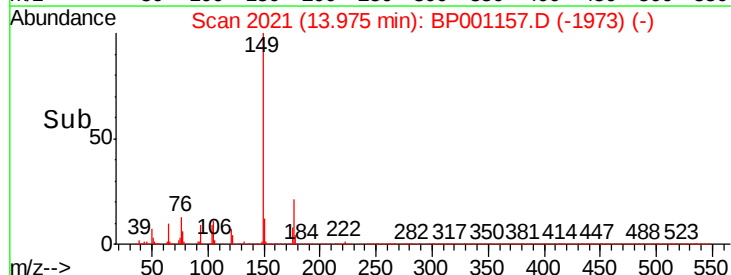
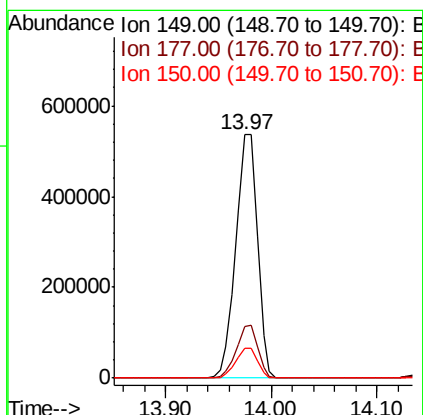
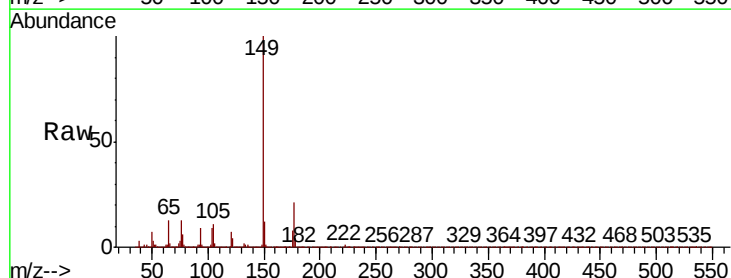
Instrument :
BNA_P
ClientSampled :

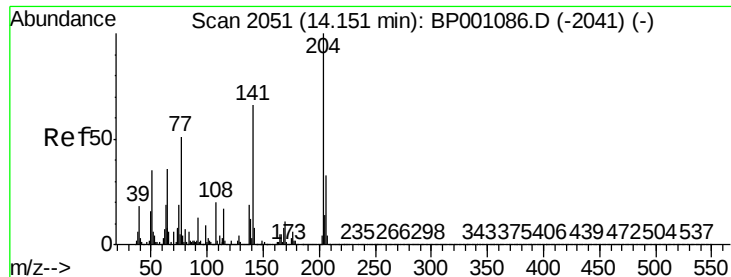
Tot Ion	Ratio	Lower	Upper
232	100		
131	50.1	39.6	59.4
130	2.8	1.9	2.9
166	33.9	25.7	38.5



#60
Diethylphthalate
Concen: 39.722 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.5	9.9	14.9

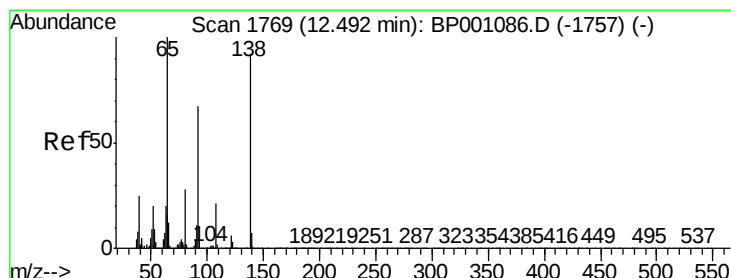
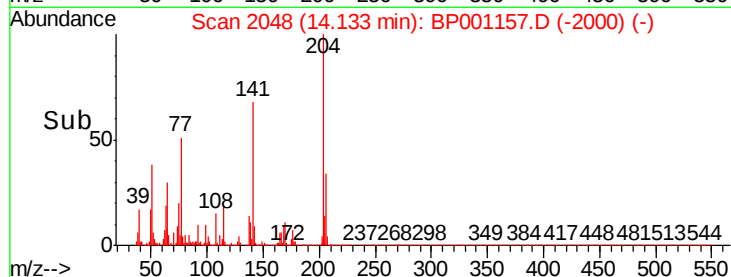
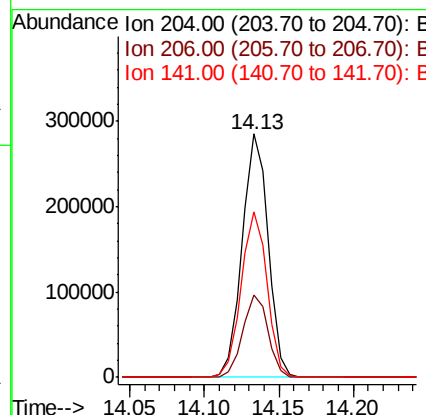
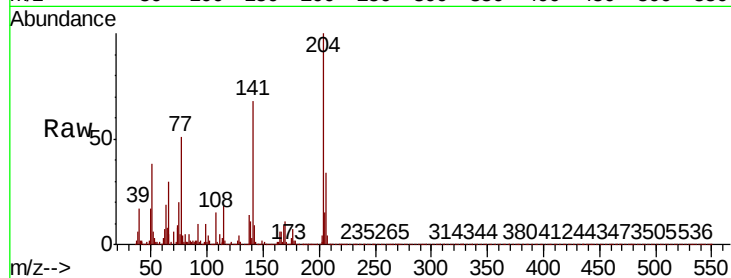




#61
4-Chlorophenyl-phenylether
Concen: 41.102 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

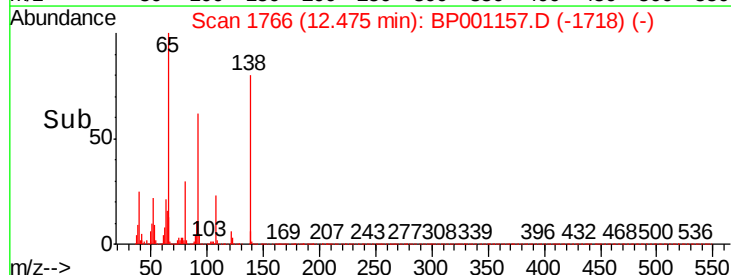
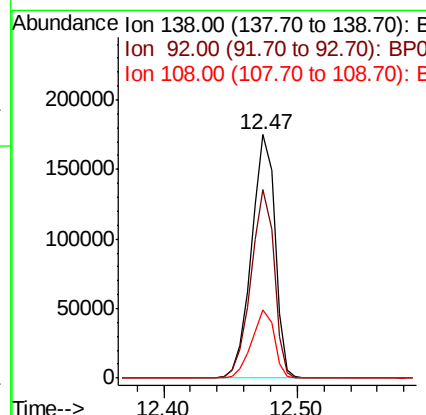
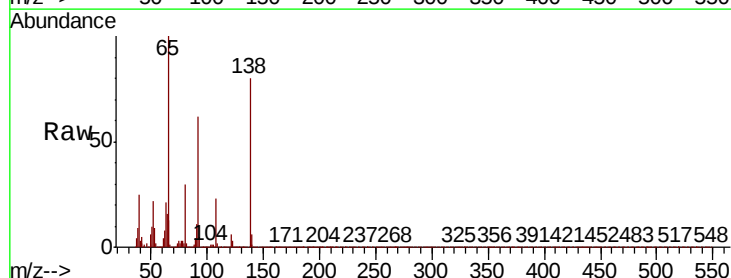
Instrument :
BNA_P
ClientSampleId :

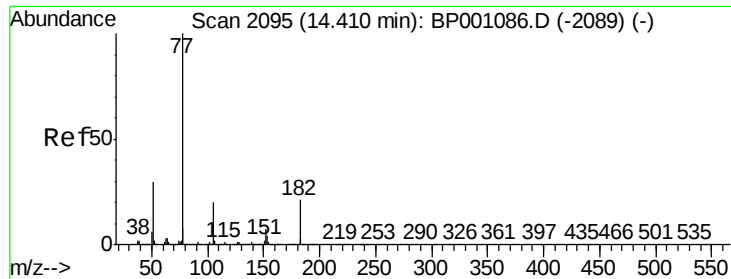
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.1	39.1
141	68.2	52.7	79.1



#62
4-Nitroaniline
Concen: 41.091 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	77.2	53.3	93.3
108	28.2	3.1	43.1

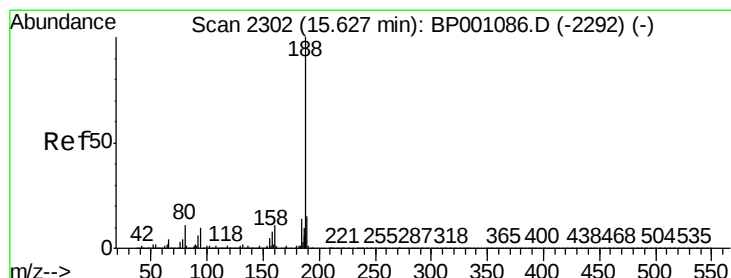
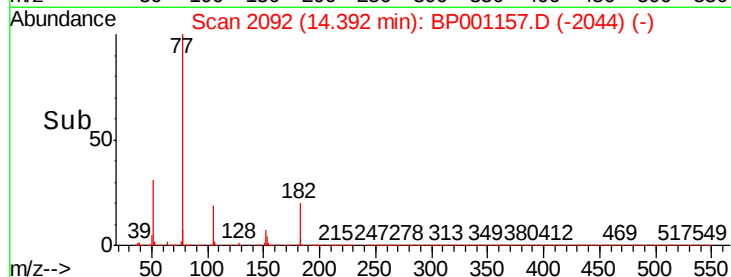
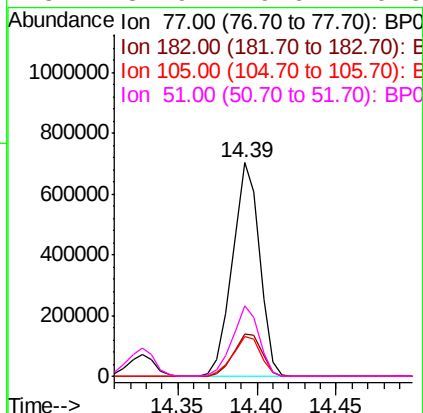
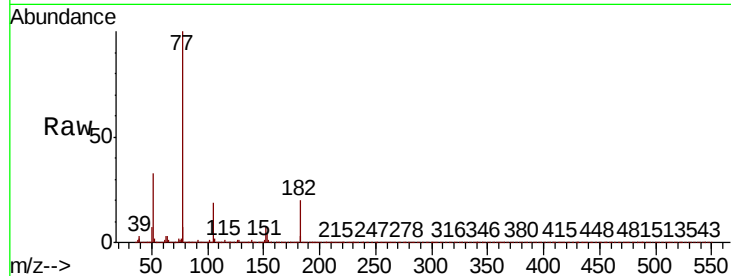




#63
Azobenzene
Concen: 40.472 ng
RT: 14.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

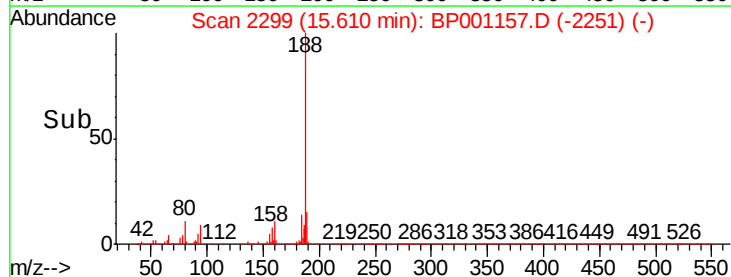
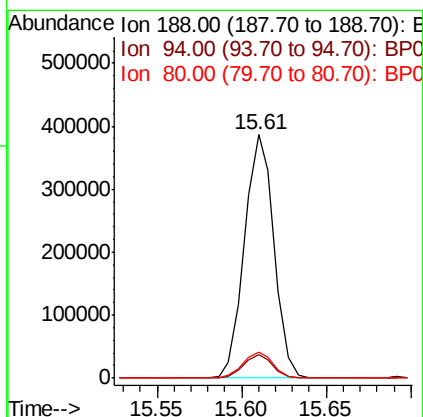
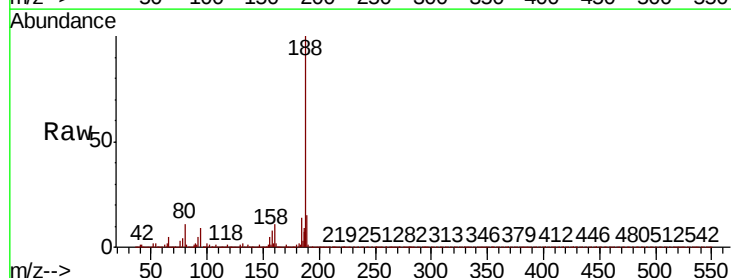
Instrument :
BNA_P
ClientSampleId :

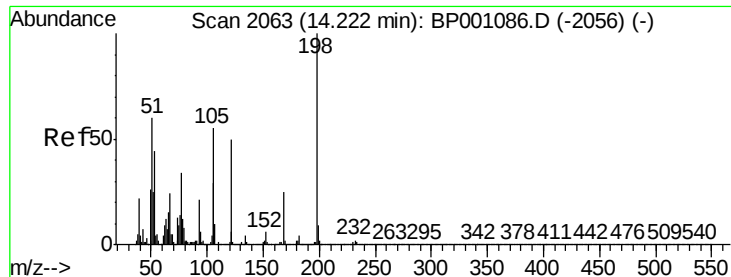
Tot Ion:	77	Resp:	831567
Ion	Ratio	Lower	Upper
77	100		
182	19.6	0.8	40.8
105	18.8	0.3	40.3
51	32.9	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:	188	Resp:	470042
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.8	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 38.144 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

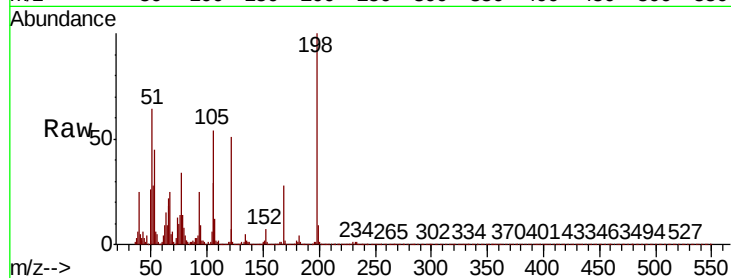
Instrument :

BNA_P

ClientSampled :

Tot Ion:198 Resp: 73908

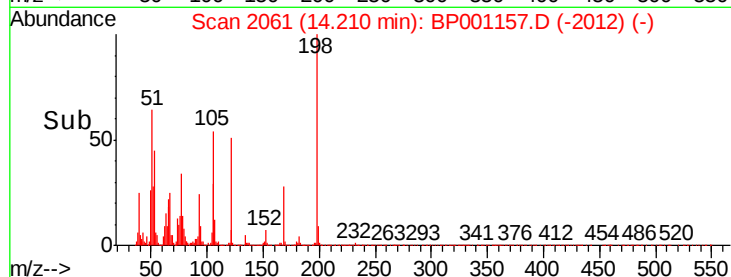
Ion	Ratio	Lower	Upper
198	100		
51	63.8	40.5	80.5
105	53.7	35.7	75.7



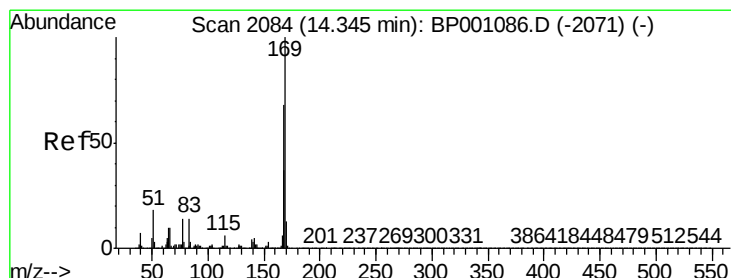
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.862 ng

RT: 14.33 min Scan# 2081

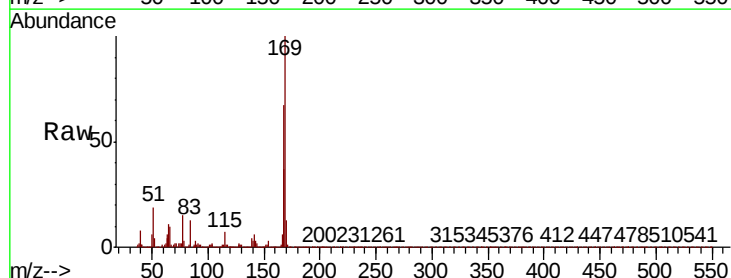
Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Tgt Ion:169 Resp: 583591

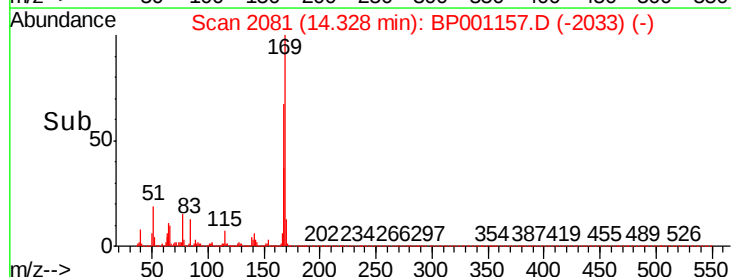
Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.1	81.1
167	37.3	29.5	44.3



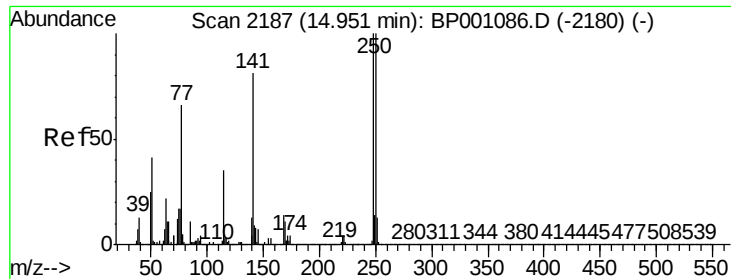
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



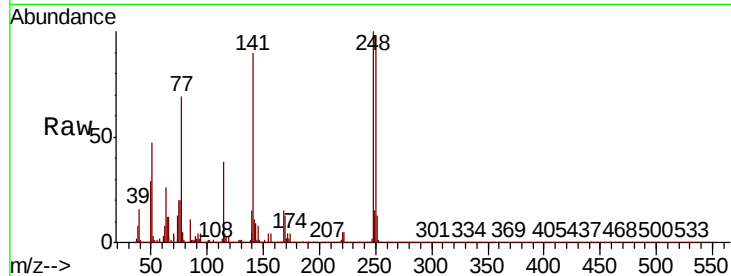
Time-->



#67
4-Bromophenyl-phenylether
Concen: 39.826 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	80.3	120.5
141	89.9	64.9	97.3

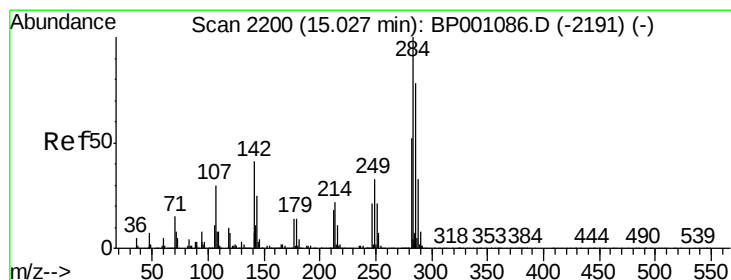
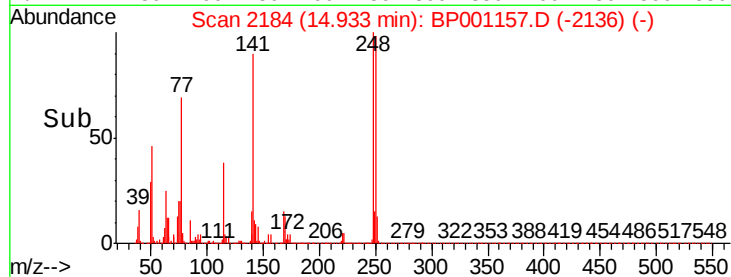
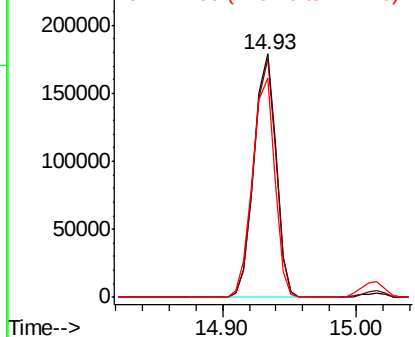


Abundance

Ion 248.00 (247.70 to 248.70): E

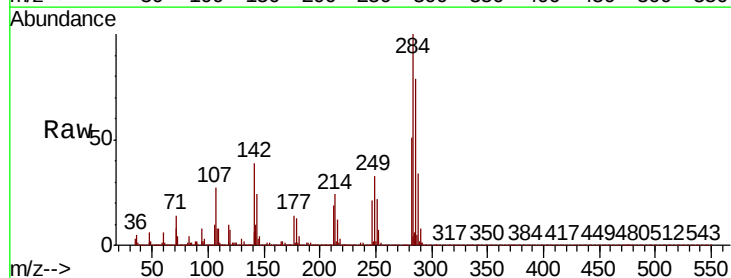
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.124 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.5	33.2	49.8
249	33.3	26.2	39.4

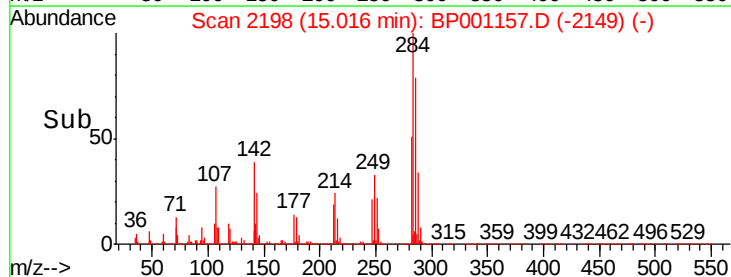
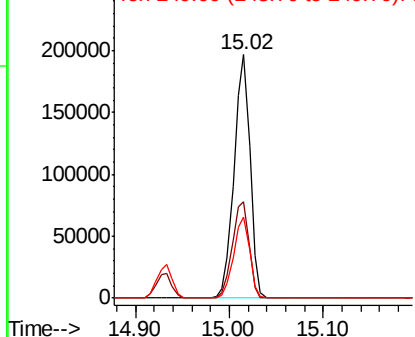


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.943 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

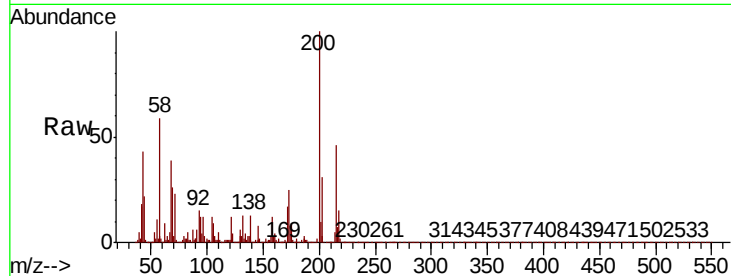
Tot Ion:200 Resp: 174182

Ion Ratio Lower Upper

200 100

173 25.0 6.7 46.7

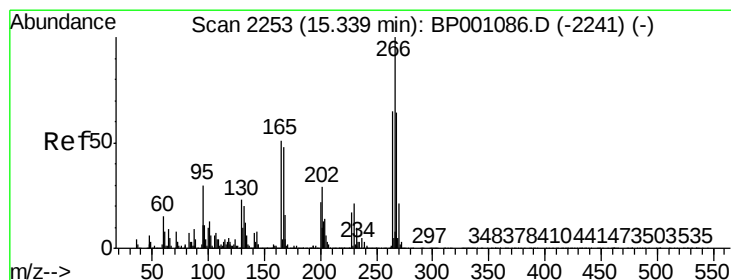
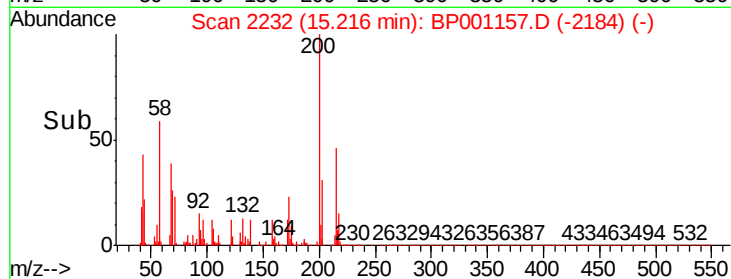
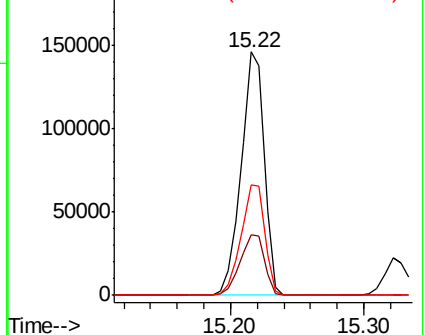
215 45.5 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 43.825 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

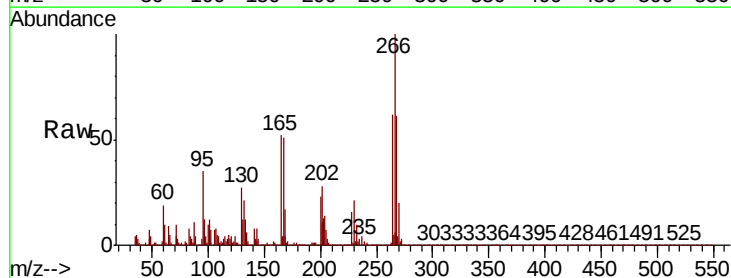
Tgt Ion:266 Resp: 128146

Ion Ratio Lower Upper

266 100

268 61.0 51.6 77.4

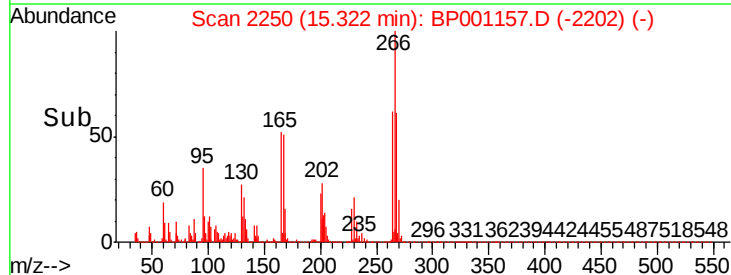
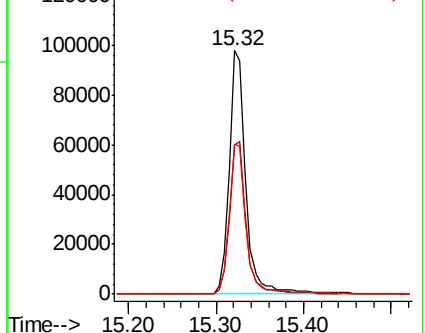
264 61.8 52.2 78.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

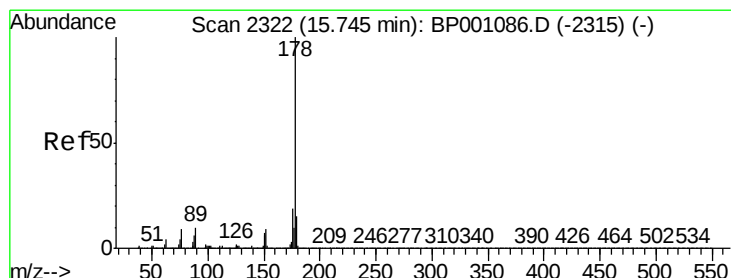
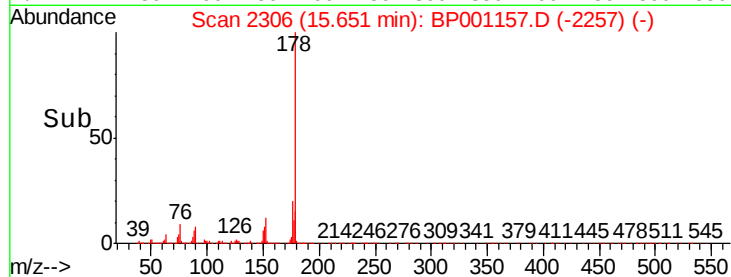
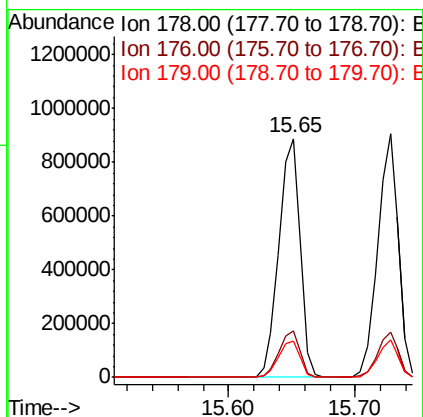
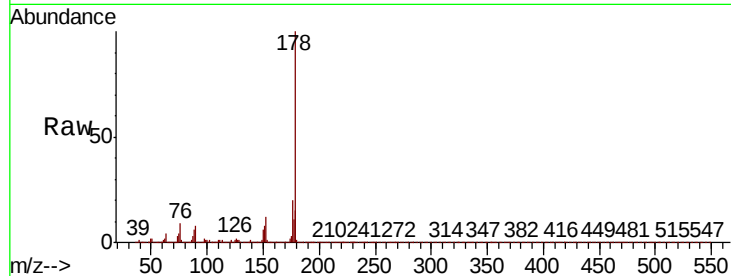




#71
Phenanthrene
Concen: 41.491 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

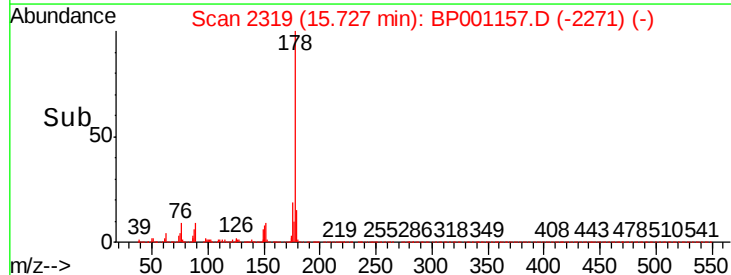
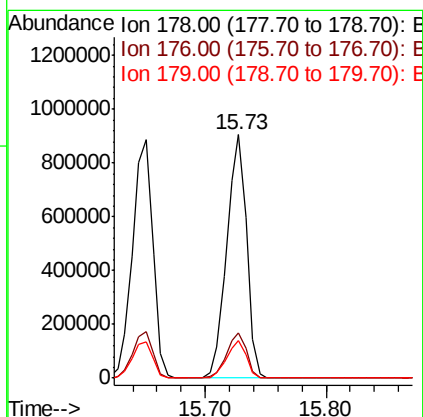
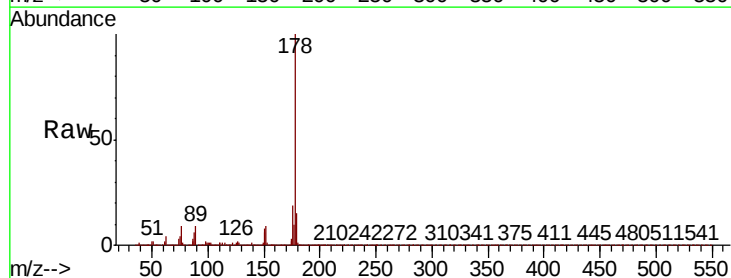
Instrument :
BNA_P
ClientSampled :

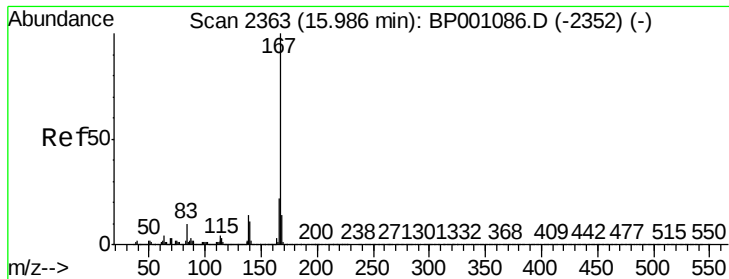
Tot Ion:178 Resp: 1025306
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.1 12.5 18.7



#72
Anthracene
Concen: 42.348 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:178 Resp: 1031455
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.3 12.2 18.4

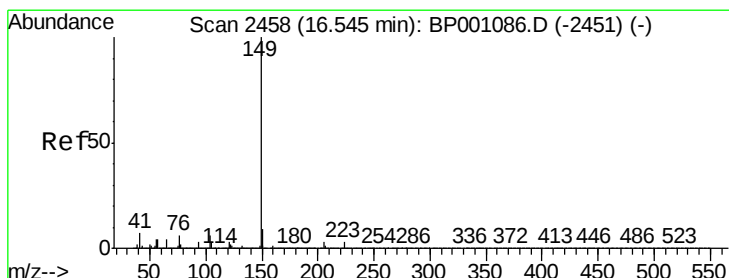
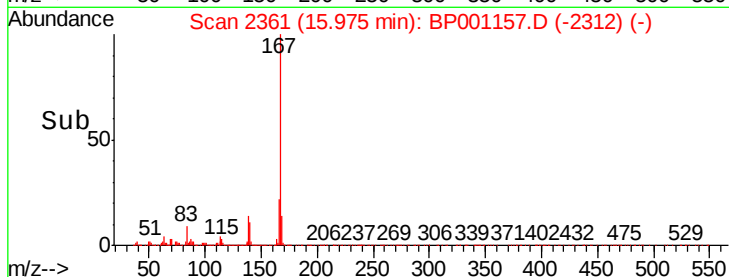
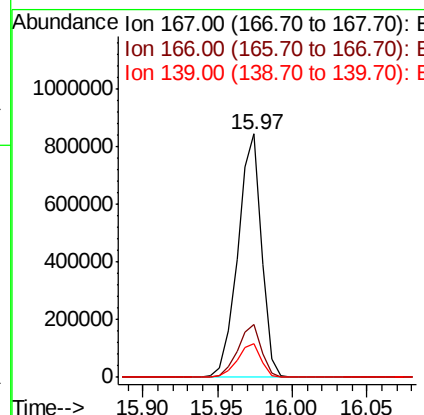
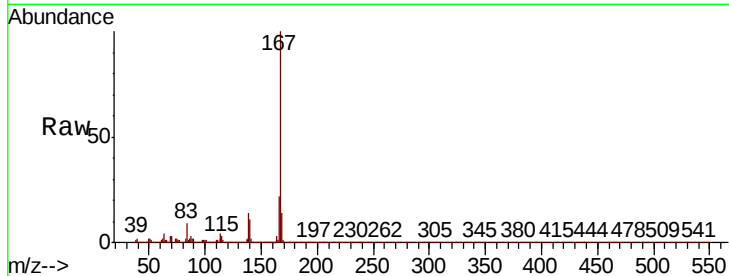




#73
 Carbazole
 Concen: 42.261 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001157.D
 Acq: 03 Dec 2019 16:11

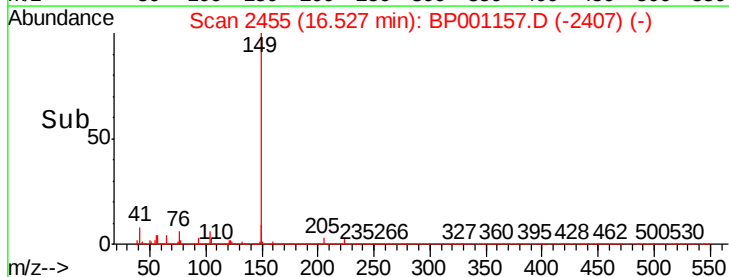
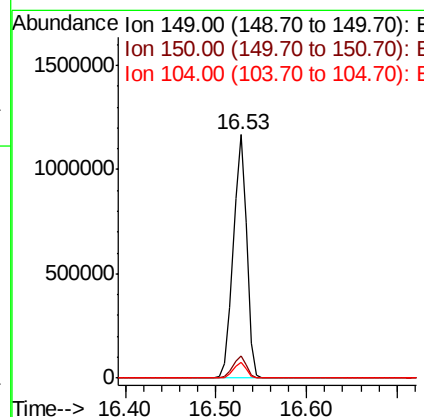
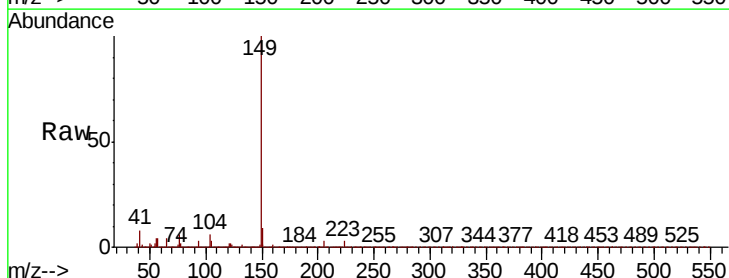
Instrument :
 BNA_P
 ClientSampleId :

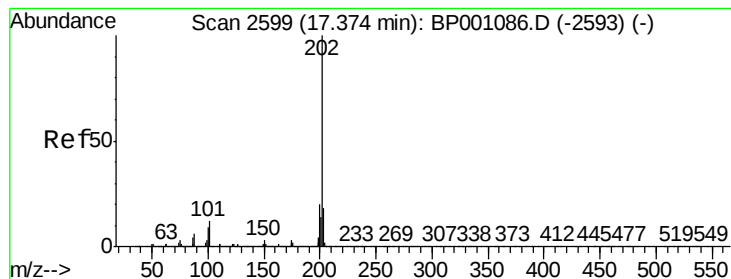
Tot Ion:167 Resp: 936661
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.9 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 40.036 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001157.D
 Acq: 03 Dec 2019 16:11

Tgt Ion:149 Resp: 1193060
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 6.3 4.6 6.8





#75

Fluoranthene

Concen: 43.072 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

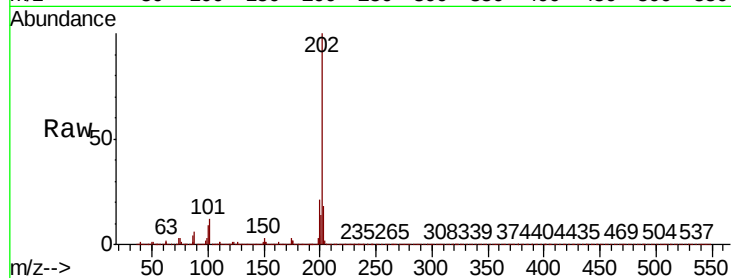
Tot Ion:202 Resp: 1126823

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.1

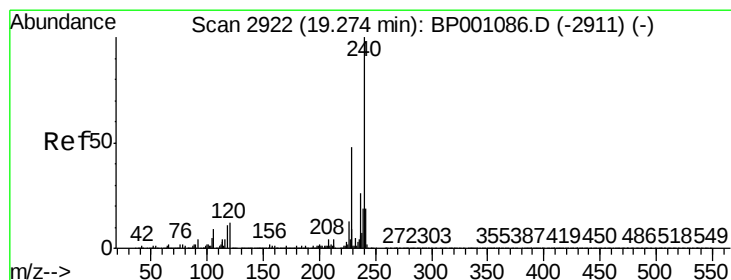
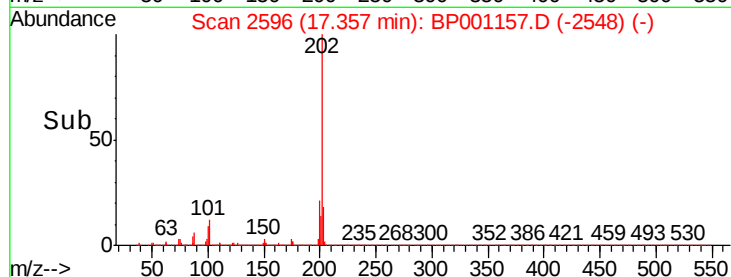
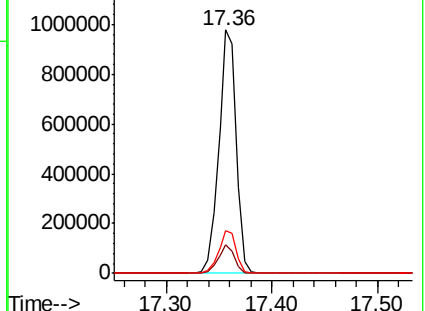
203 17.6 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

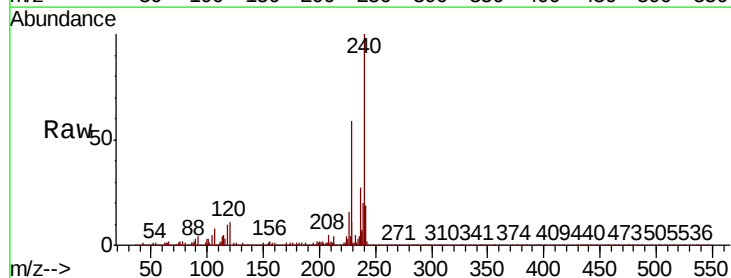
Tgt Ion:240 Resp: 362324

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

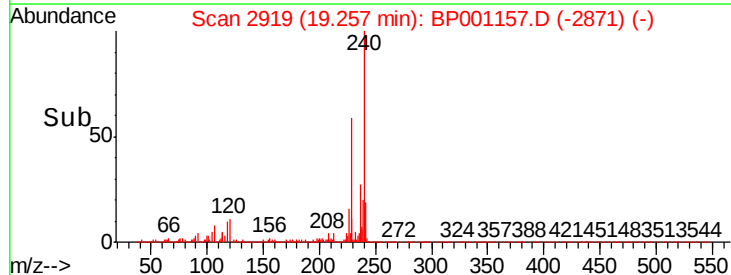
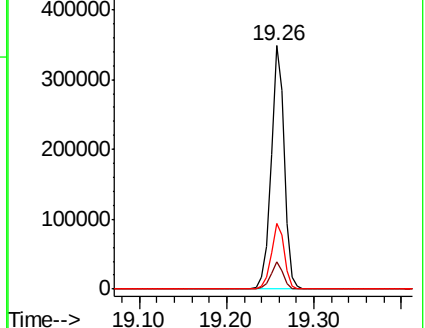
236 27.2 20.4 30.6

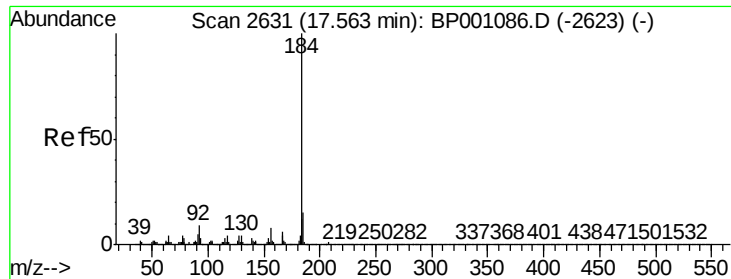


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

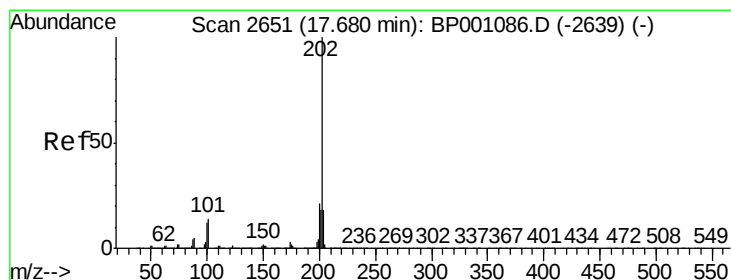
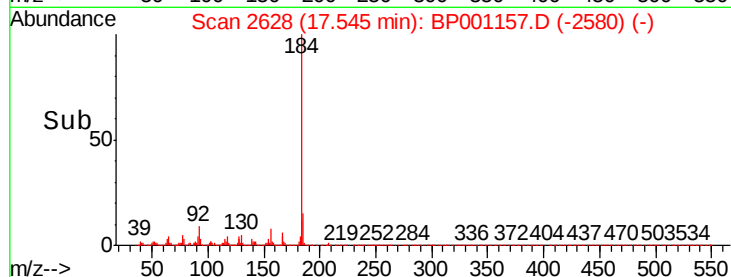
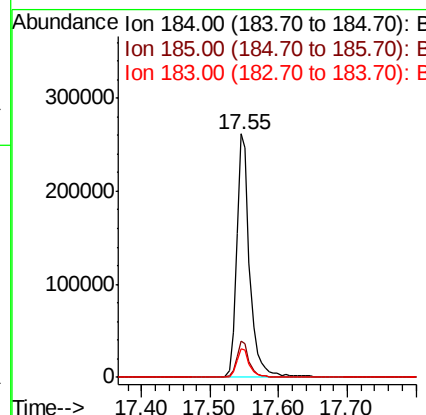
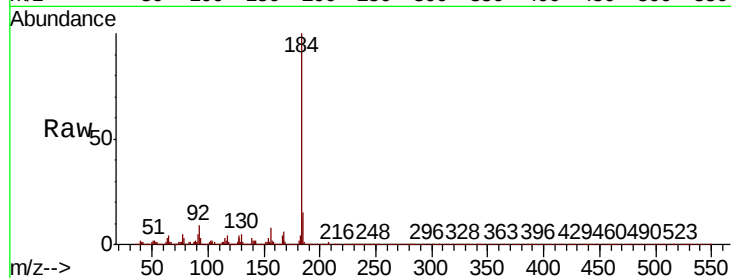




#77
Benzidine
Concen: 36.957 ng
RT: 17.55 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

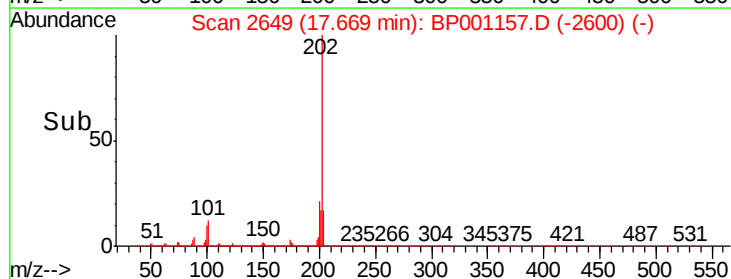
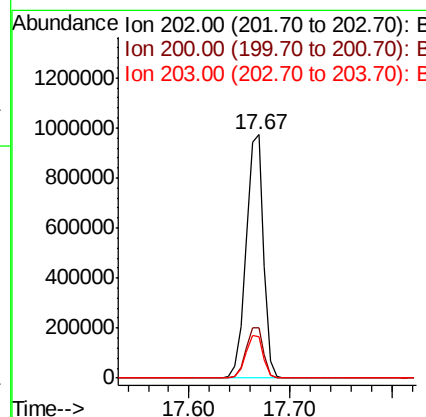
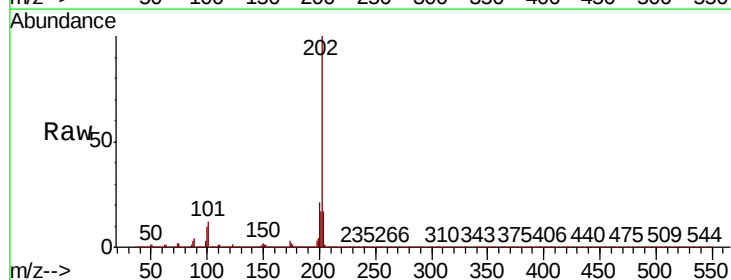
Instrument :
BNA_P
ClientSampleId :

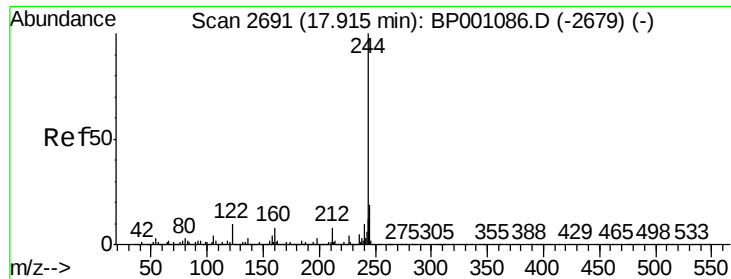
Tot Ion:184 Resp: 345728
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.4
183 11.5 9.3 13.9



#78
Pyrene
Concen: 40.188 ng
RT: 17.67 min Scan# 2649
Delta R.T. -0.01 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:202 Resp: 1146860
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 80.661 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

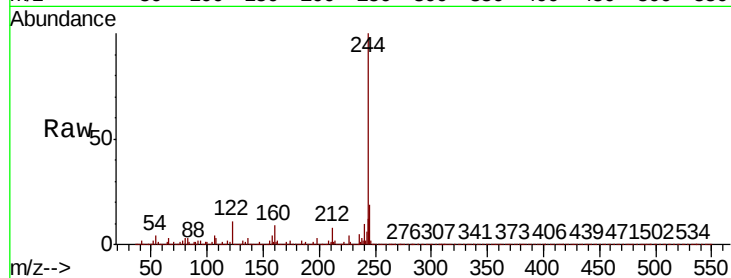
Tot Ion:244 Resp: 1579677

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

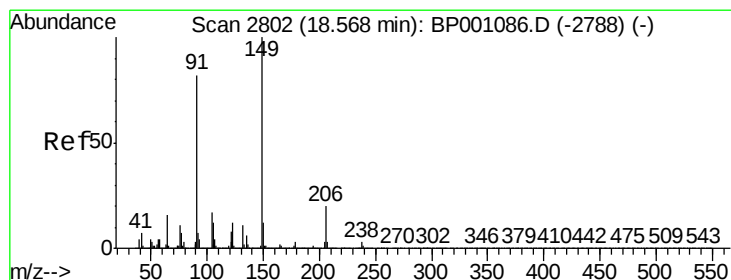
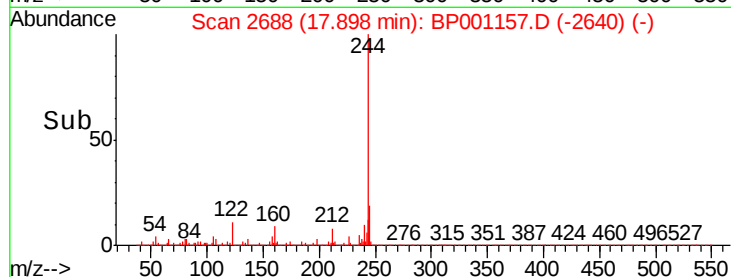
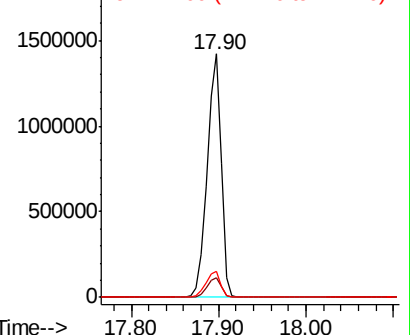
122 10.6 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.175 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

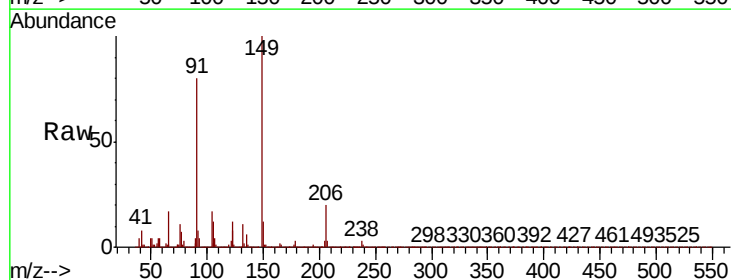
Tgt Ion:149 Resp: 529549

Ion Ratio Lower Upper

149 100

91 79.6 65.4 98.2

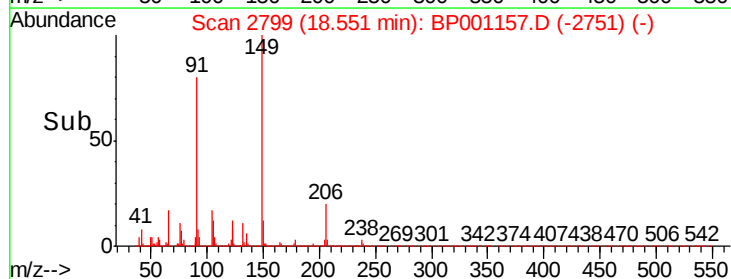
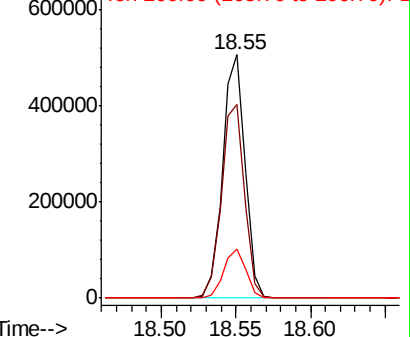
206 20.3 16.0 24.0

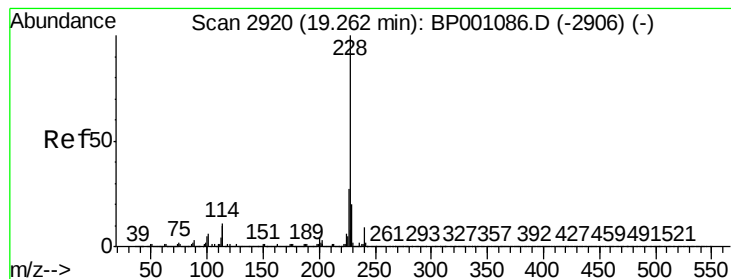


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.209 ng

RT: 19.24 min Scan# 2917

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

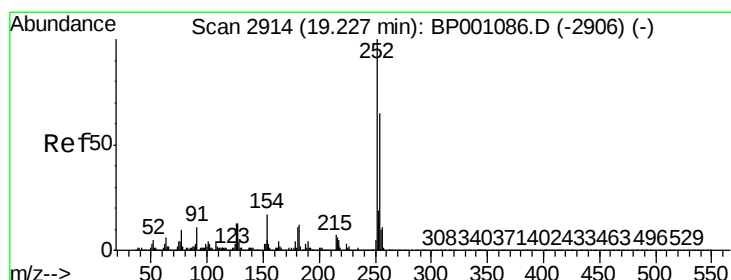
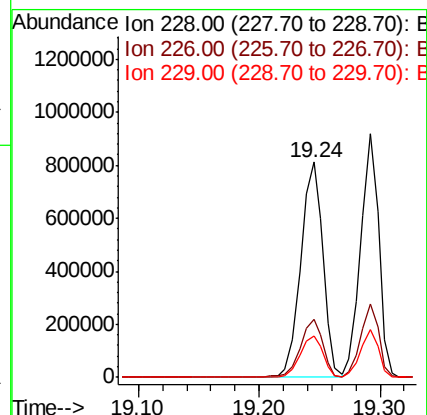
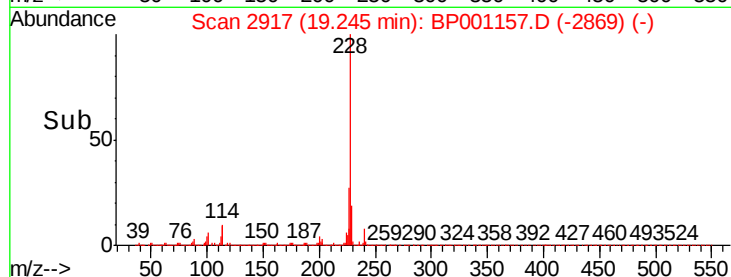
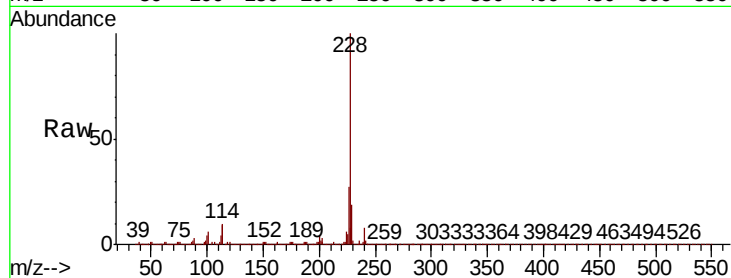
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1035227

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.4	15.8	23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.032 ng

RT: 19.22 min Scan# 2912

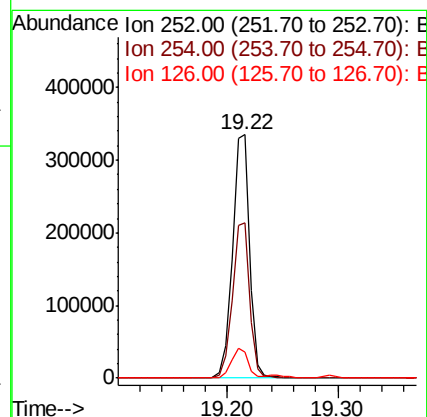
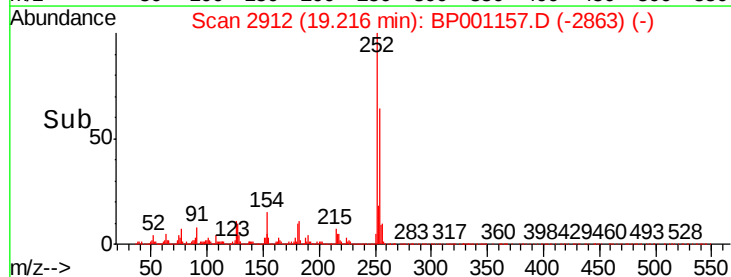
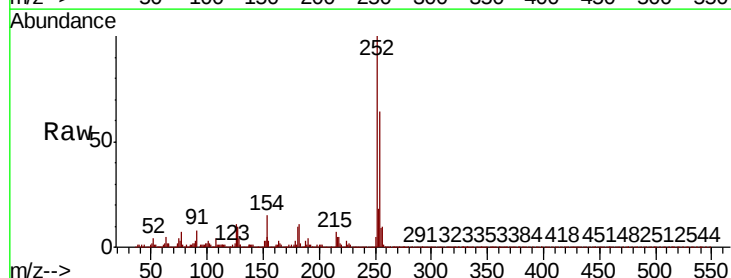
Delta R.T. -0.01 min

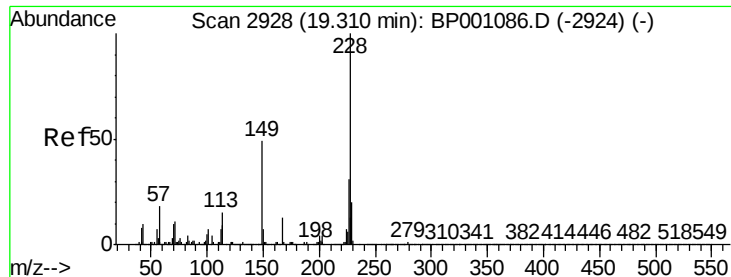
Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Tgt Ion:252 Resp: 365425

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.7	77.5
126	10.7	10.2	15.4





#83

Chrysene

Concen: 41.847 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

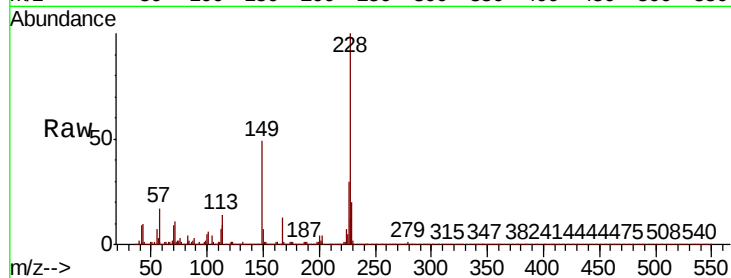
Tot Ion:228 Resp: 941353

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 19.5 15.7 23.5

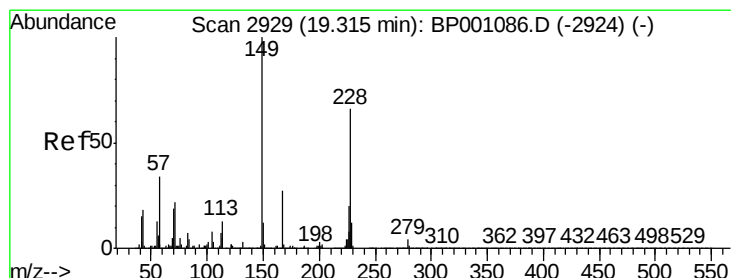
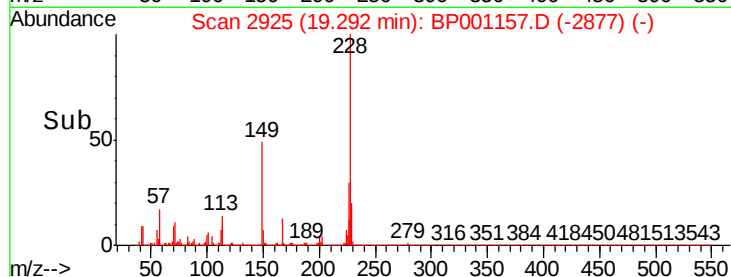
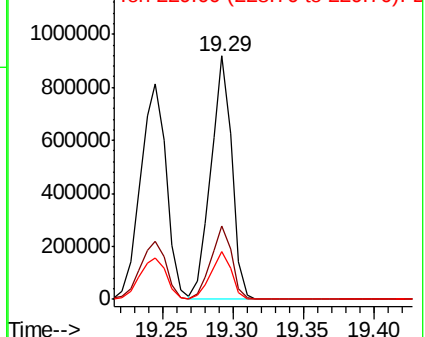


Abundance

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: 37.922 ng

RT: 19.30 min Scan# 2926

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

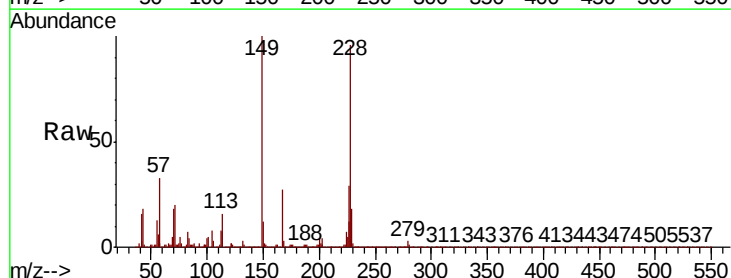
Tgt Ion:149 Resp: 687229

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

279 3.5 2.8 4.2

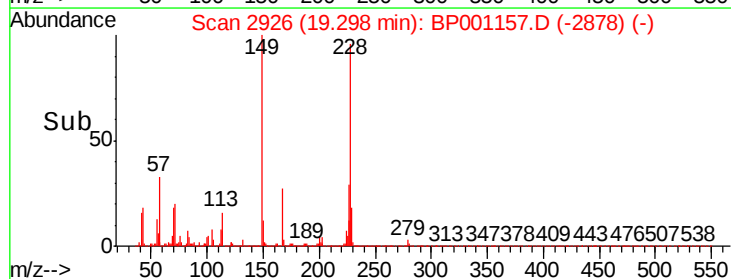
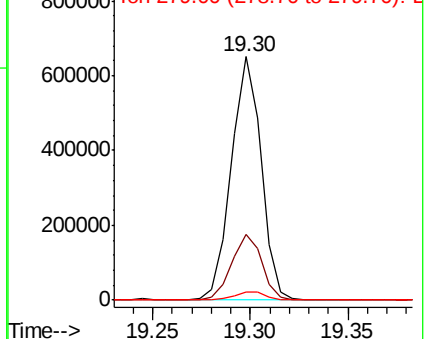


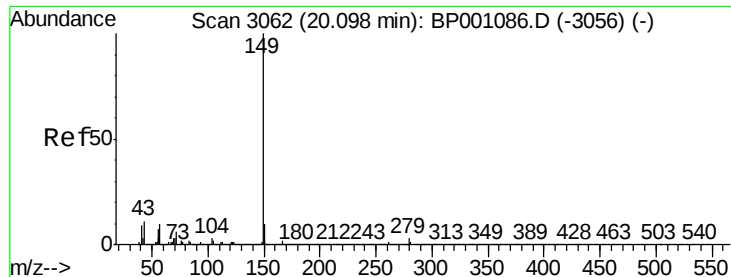
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.710 ng

RT: 20.08 min Scan# 3059

Delta R.T. -0.02 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

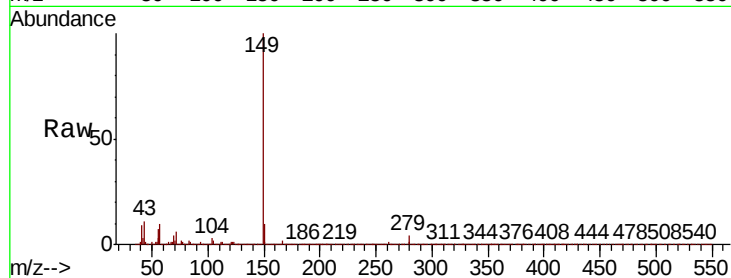
Tot Ion:149 Resp: 1213976

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

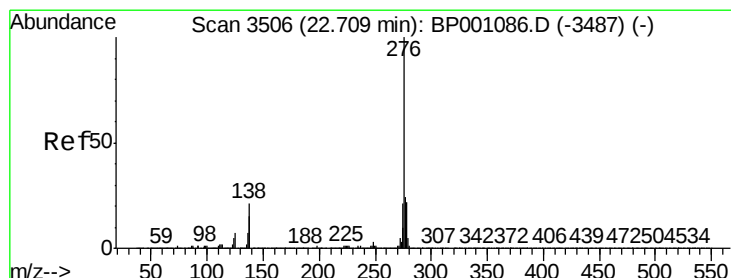
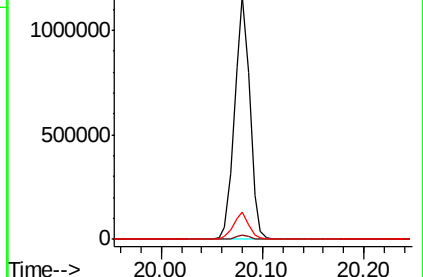
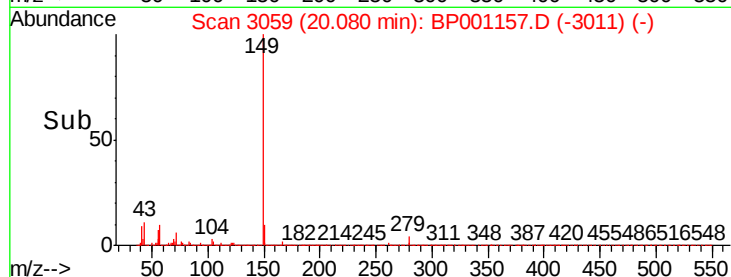
43 11.4 8.5 12.7



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: 40.343 ng

RT: 22.68 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

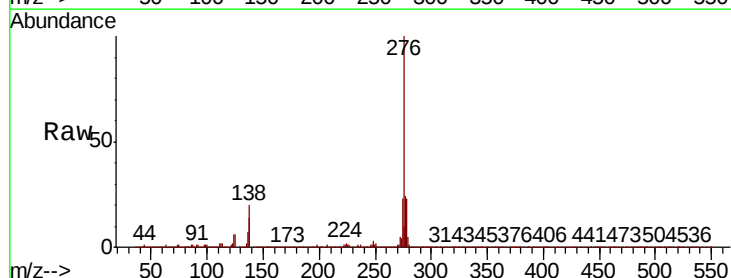
Tgt Ion:276 Resp: 1069548

Ion Ratio Lower Upper

276 100

138 23.5 20.6 30.8

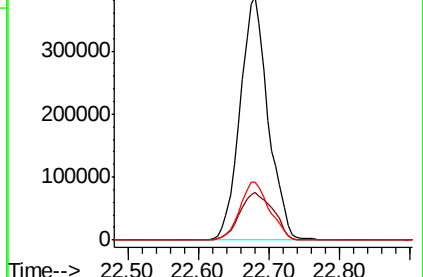
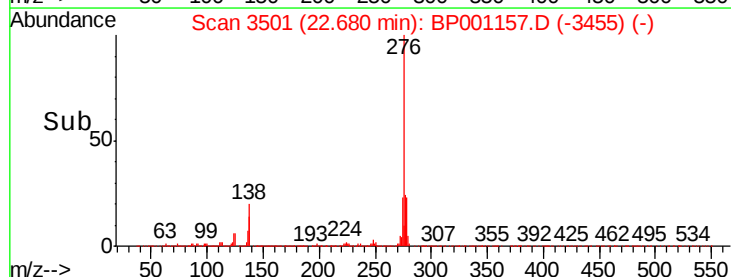
277 25.3 20.0 30.0

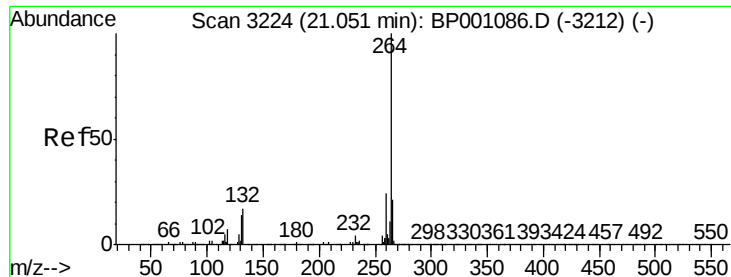


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

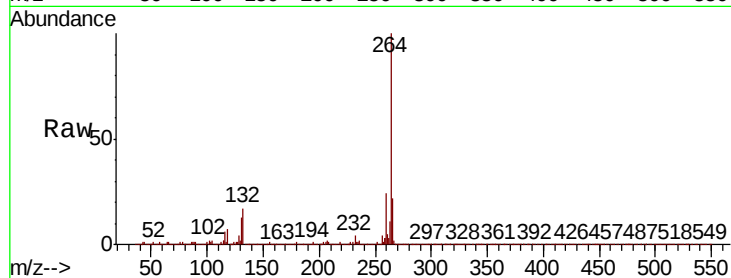




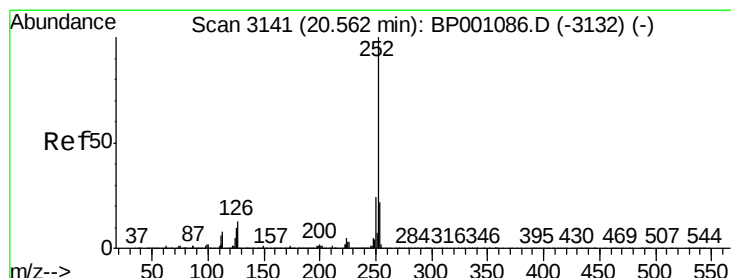
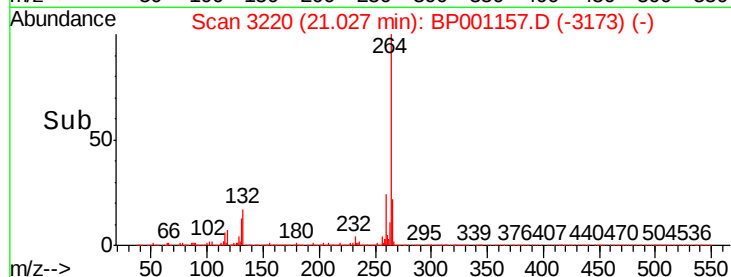
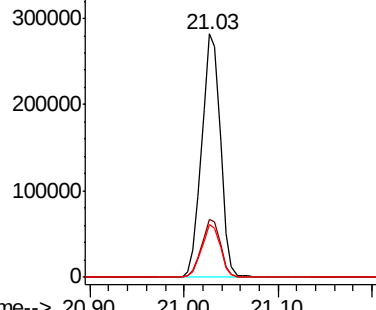
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 390536
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.6 16.9 25.3

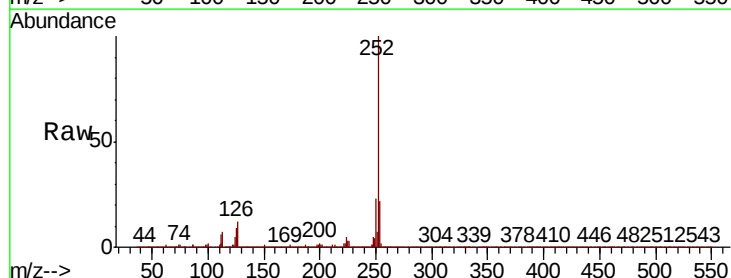


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

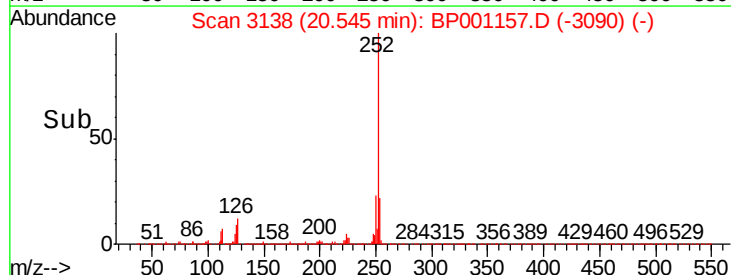
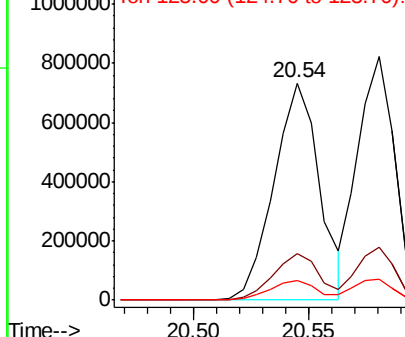


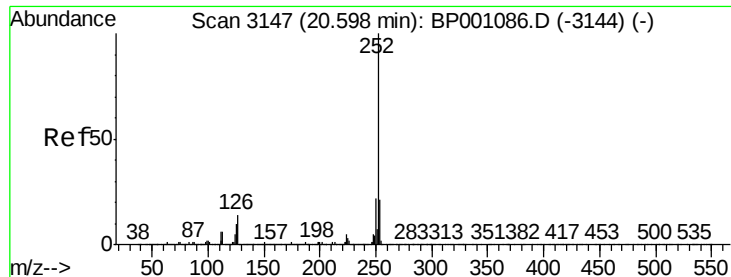
#88
Benzo(b)fluoranthene
Concen: 42.122 ng
RT: 20.54 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:252 Resp: 1004784
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.3 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

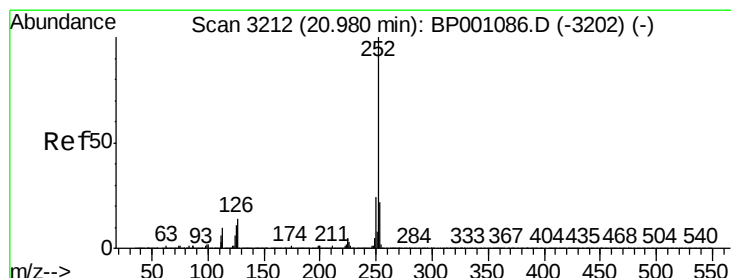
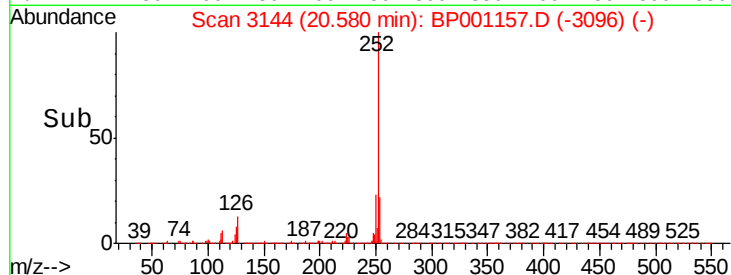
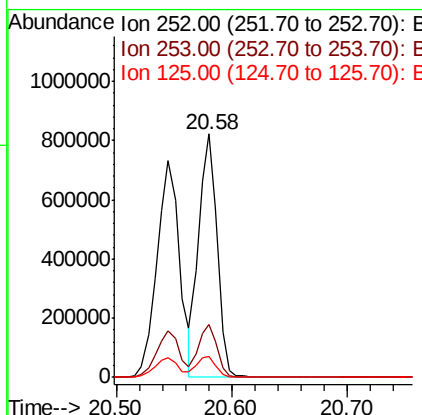
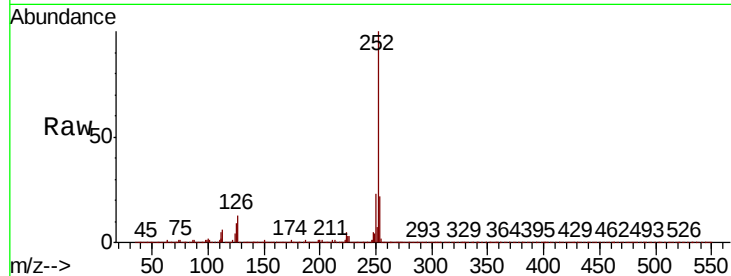




#89
Benzo(k)fluoranthene
Concen: 40.206 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

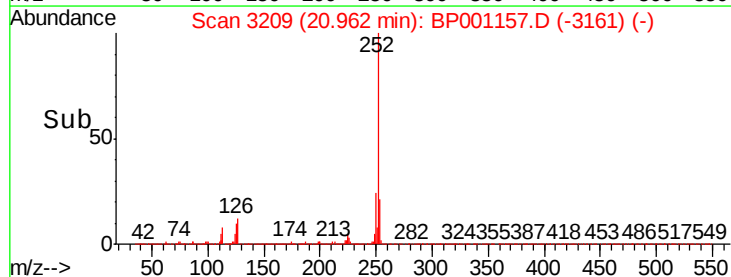
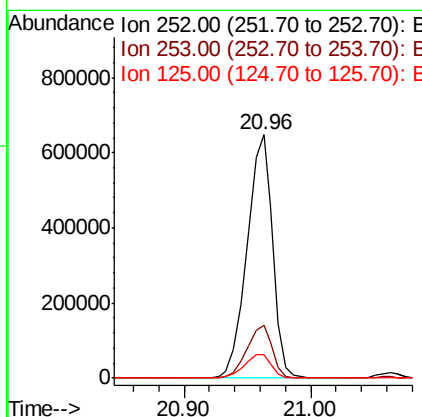
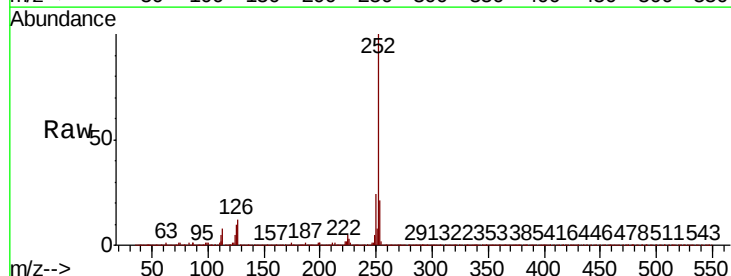
Instrument :
BNA_P
ClientSampled :

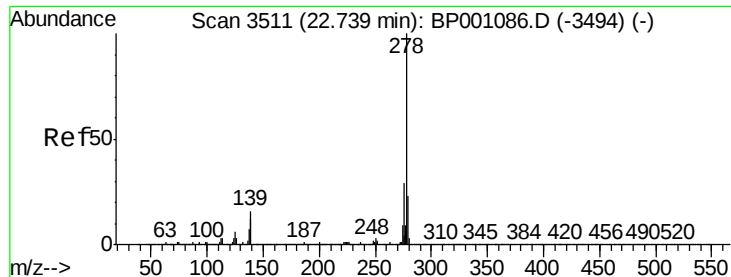
Tot Ion:252 Resp: 923732
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 8.5 8.2 12.2



#90
Benzo(a)pyrene
Concen: 41.350 ng
RT: 20.96 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BP001157.D
Acq: 03 Dec 2019 16:11

Tgt Ion:252 Resp: 908542
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 40.483 ng

RT: 22.71 min Scan# 3506

Delta R.T. -0.03 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

Instrument :

BNA_P

ClientSampleId :

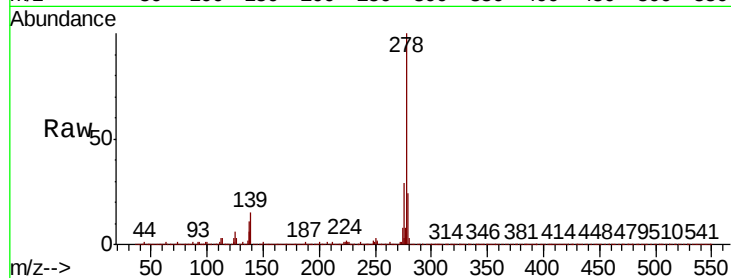
Tot Ion:278 Resp: 870467

Ion Ratio Lower Upper

278 100

139 14.8 13.0 19.4

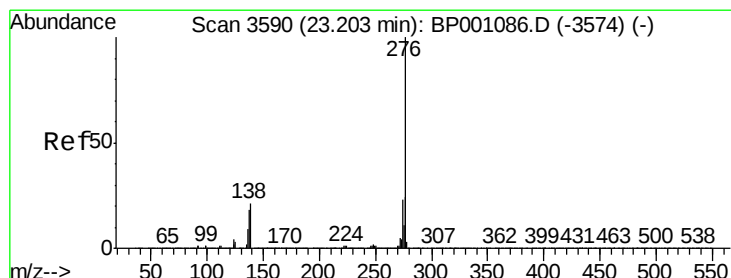
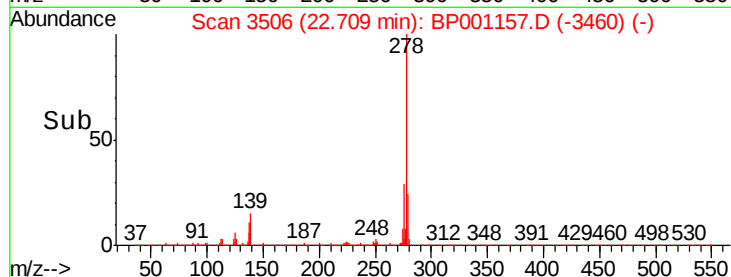
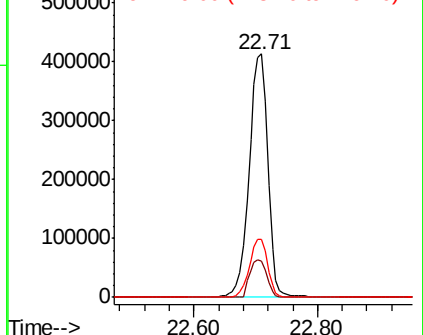
279 23.7 18.7 28.1



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: 40.816 ng

RT: 23.17 min Scan# 3585

Delta R.T. -0.03 min

Lab File: BP001157.D

Acq: 03 Dec 2019 16:11

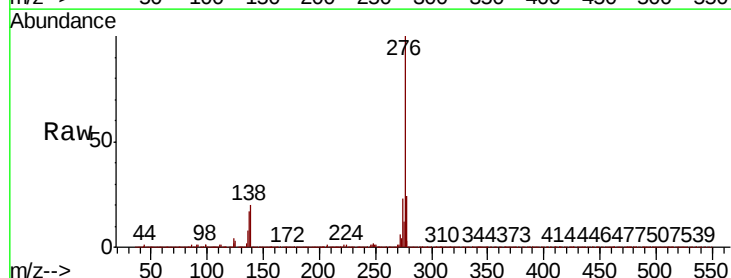
Tgt Ion:276 Resp: 866607

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 20.3 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

