

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001067.D
 Acq On : 18 Nov 2019 18:37
 Operator : JU
 Sample : K5865-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 19 04:32:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	162999	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	576067	20.00	ng	-0.01
39) Acenaphthene-d10	13.26	164	328827	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	621500	20.00	ng	0.00
76) Chrysene-d12	19.29	240	521412	20.00	ng	0.00
87) Perylene-d12	21.07	264	583822	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	1200986	134.11	ng	0.02
7) Phenol-d6	7.82	99	1526037	134.76	ng	0.00
23) Nitrobenzene-d5	9.25	82	970731	93.21	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	660942	168.37	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2148209	98.39	ng	-0.01
79) Terphenyl-d14	17.93	244	2675441	102.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	129419	33.239	ng	# 86
3) Pyridine	3.80	79	288517	28.027	ng	97
4) n-Nitrosodimethylamine	3.71	42	171708	47.859	ng	# 76
6) Aniline	7.85	93	143440	9.699	ng	# 1
8) 2-Chlorophenol	8.03	128	450370	47.426	ng	98
9) Benzaldehyde	7.67	77	86701	10.973	ng	97
10) Phenol	7.84	94	604209	48.780	ng	86
11) bis(2-Chloroethyl)ether	7.98	93	393048	40.762	ng	97
12) 1,3-Dichlorobenzene	8.28	146	446082	37.442	ng	98
13) 1,4-Dichlorobenzene	8.39	146	461865	38.487	ng	98
14) 1,2-Dichlorobenzene	8.63	146	443588	39.971	ng	99
15) Benzyl Alcohol	8.60	79	431444	49.996	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.82	45	339988	33.762	ng	93
17) 2-Methylphenol	8.78	107	377251	46.791	ng	95
18) Hexachloroethane	9.16	117	171362	38.876	ng	98
19) n-Nitroso-di-n-propylamine	9.03	70	304387	44.764	ng	96
20) 3+4-Methylphenols	9.03	107	490851	49.073	ng	95
22) Acetophenone	9.01	105	681818	45.829	ng	# 99
24) Nitrobenzene	9.27	77	485741	46.484	ng	99
25) Isophorone	9.67	82	861588	44.949	ng	# 97
26) 2-Nitrophenol	9.78	139	232276	59.483	ng	# 91
27) 2,4-Dimethylphenol	9.87	122	391572	53.549	ng	95
28) bis(2-Chloroethoxy)methane	10.03	93	511490	40.812	ng	99
29) 2,4-Dichlorophenol	10.17	162	430124	48.733	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	469493	43.300	ng	99
31) Naphthalene	10.43	128	1283927	44.609	ng	99
32) Benzoic acid	10.07	122	256163	56.404	ng	92
33) 4-Chloroaniline	10.52	127	62400	5.056	ng	95
34) Hexachlorobutadiene	10.65	225	324127	45.246	ng	99
35) Caprolactam	11.10	113	67600	24.266	ng	91
36) 4-Chloro-3-methylphenol	11.33	107	458232	49.998	ng	94
37) 2-Methylnaphthalene	11.56	142	934961	46.412	ng	96
38) 1-Methylnaphthalene	11.72	142	885080	46.498	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.83	216	523231	47.787	ng	98

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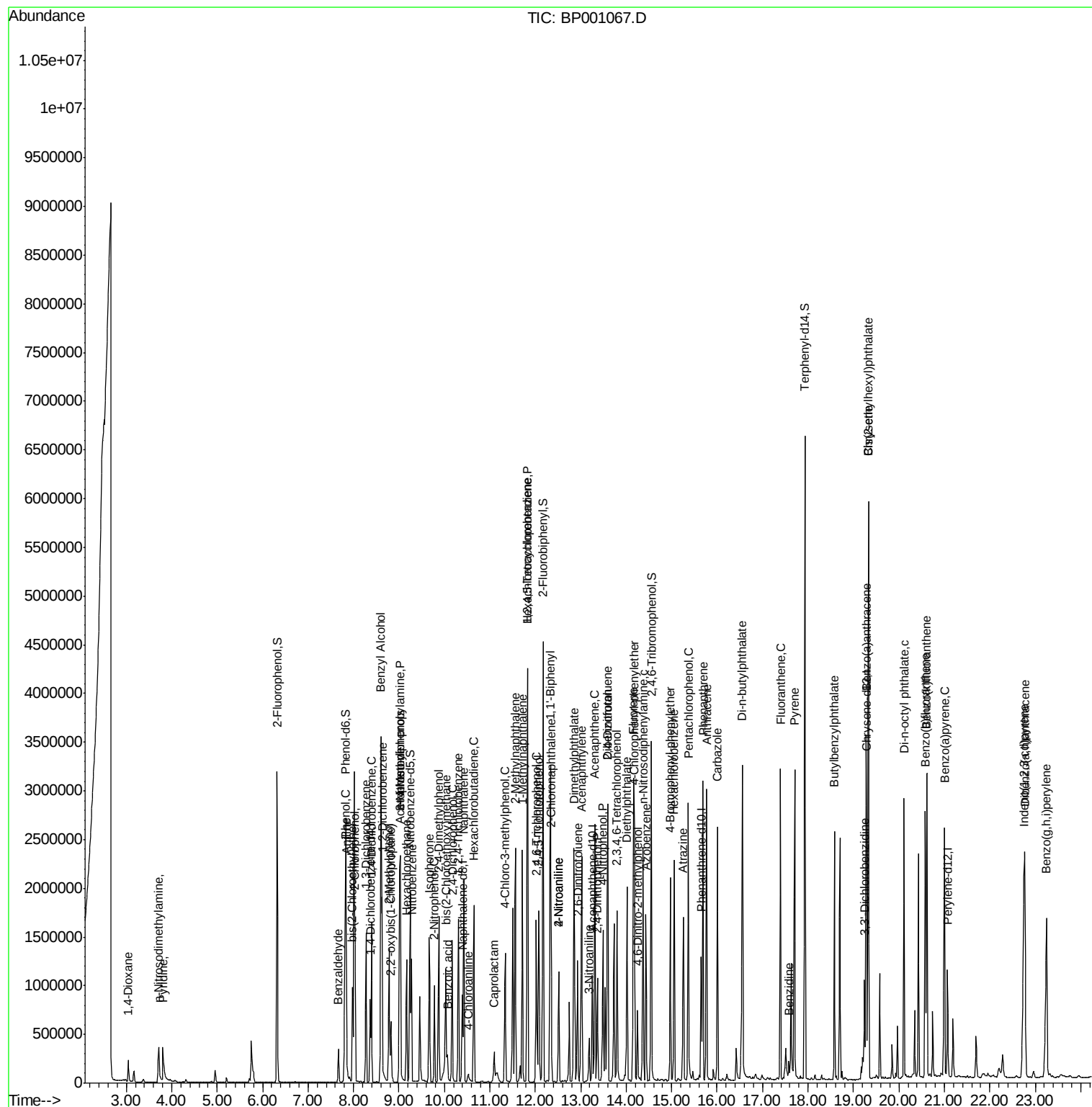
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	596070	108.671	nq	99
43) 2,4,6-Trichlorophenol	12.02	196	339835	51.478	nq	96
44) 2,4,5-Trichlorophenol	12.08	196	362985	51.427	nq	98
46) 1,1'-Biphenyl	12.33	154	1186405	48.253	nq	99
47) 2-Chloronaphthalene	12.35	162	924695	46.718	nq	99
48) 2-Nitroaniline	12.52	65	239373	46.203	nq	96
49) Acenaphthylene	13.02	152	1427042	47.425	nq	99
50) Dimethylphthalate	12.85	163	1323444	54.429	nq	99
51) 2,6-Dinitrotoluene	12.93	165	246215	48.545	nq	96
52) Acenaphthene	13.31	154	843596	46.873	nq	97
53) 3-Nitroaniline	13.19	138	97159	17.563	nq	99
54) 2,4-Dinitrophenol	13.37	184	193367	119.127	nq	# 82
55) Dibenzofuran	13.60	168	1328259	47.251	nq	94
56) 4-Nitrophenol	13.49	139	372220	96.756	nq	# 88
57) 2,4-Dinitrotoluene	13.59	165	326781	51.295	nq	# 92
58) Fluorene	14.16	166	1043395	46.638	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.80	232	318644	53.095	nq	# 93
60) Diethylphthalate	14.02	149	1126132	46.108	nq	99
61) 4-Chlorophenyl-phenylether	14.17	204	561253	47.447	nq	93
62) 4-Nitroaniline	12.52	138	270550	45.613	nq	95
63) Azobenzene	14.43	77	916606	42.881	nq	96
65) 4,6-Dinitro-2-methylphenol	14.25	198	139449	66.557	nq	98
66) n-Nitrosodiphenylamine	14.37	169	891362	49.882	nq	98
67) 4-Bromophenyl-phenylether	14.97	248	366123	50.042	nq	99
68) Hexachlorobenzene	15.06	284	423726	49.976	nq	98
69) Atrazine	15.26	200	323994	49.796	nq	99
70) Pentachlorophenol	15.37	266	486267	128.843	nq	99
71) Phenanthrene	15.69	178	1521673	47.838	nq	100
72) Anthracene	15.77	178	1557510	50.193	nq	99
73) Carbazole	16.01	167	1304938	45.869	nq	99
74) Di-n-butylphthalate	16.56	149	1650106	48.059	nq	99
75) Fluoranthene	17.40	202	1701027	47.311	nq	96
77) Benzidine	17.58	184	74707	3.891	nq	99
78) Pyrene	17.70	202	1681526	45.633	nq	99
80) Butylbenzylphthalate	18.58	149	705303	48.339	nq	98
81) Benzo(a)anthracene	19.28	228	1641971	46.757	nq	99
82) 3,3'-Dichlorobenzidine	19.25	252	239355	18.694	nq	98
83) Chrysene	19.33	228	1494985	48.491	nq	100
84) Bis(2-ethylhexyl)phthalate	19.33	149	941172	50.733	nq	# 99
85) Di-n-octyl phthalate	20.11	149	1658209	49.651	nq	100
86) Indeno(1,2,3-cd)pyrene	22.75	276	2008361	47.609	nq	# 95
88) Benzo(b)fluoranthene	20.59	252	1666057	47.874	nq	# 97
89) Benzo(k)fluoranthene	20.62	252	1630660	49.777	nq	# 97
90) Benzo(a)pyrene	21.00	252	1509200	47.162	nq	# 98
91) Dibenzo(a,h)anthracene	22.77	278	1688343	51.694	nq	# 97
92) Benzo(g,h,i)perylene	23.25	276	1680142	51.089	nq	# 94

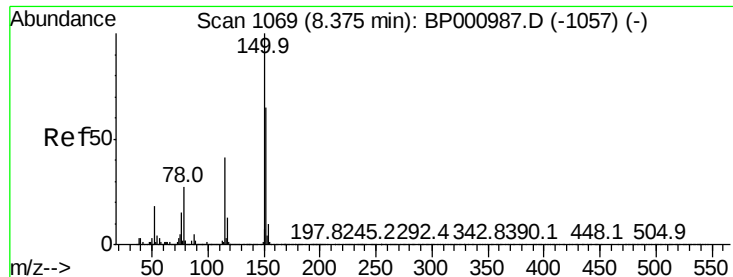
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

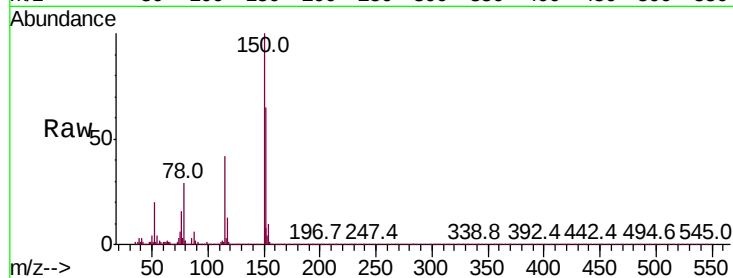
Tot Ion:152 Resp: 162999

Ion Ratio Lower Upper

152 100

150 153.0 123.6 185.4

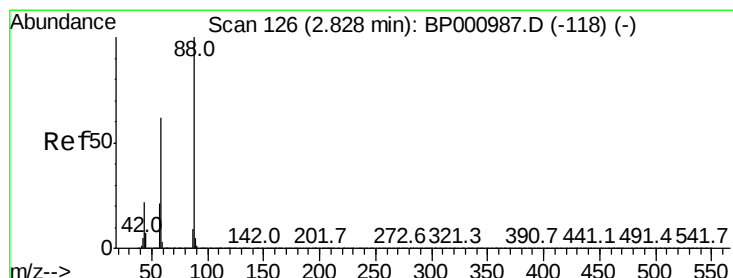
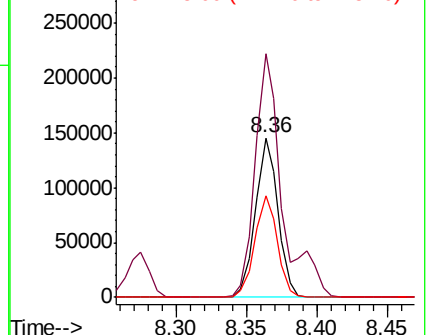
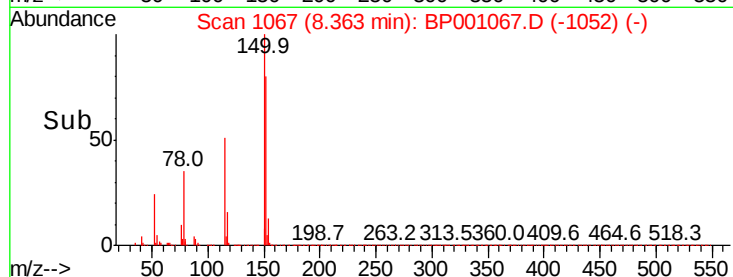
115 63.5 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.239 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.22 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

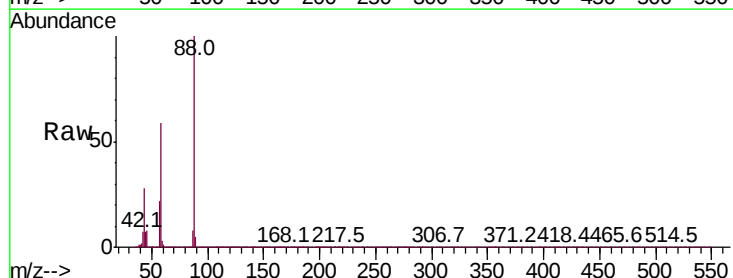
Tgt Ion: 88 Resp: 129419

Ion Ratio Lower Upper

88 100

58 59.8 49.8 74.8

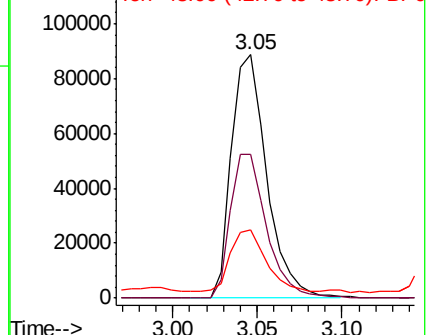
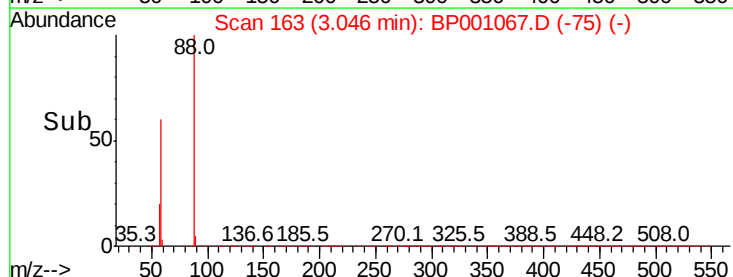
43 0.0 17.6 26.4#

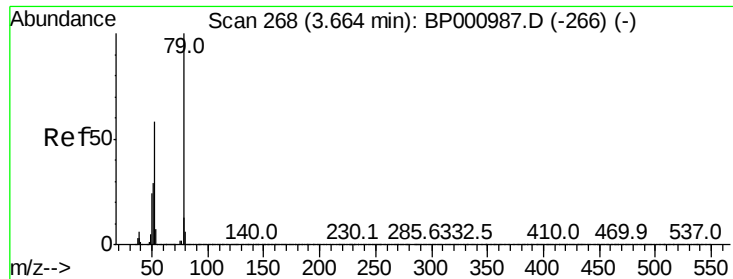


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 28.027 ng

RT: 3.80 min Scan# 292

Delta R.T. 0.14 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

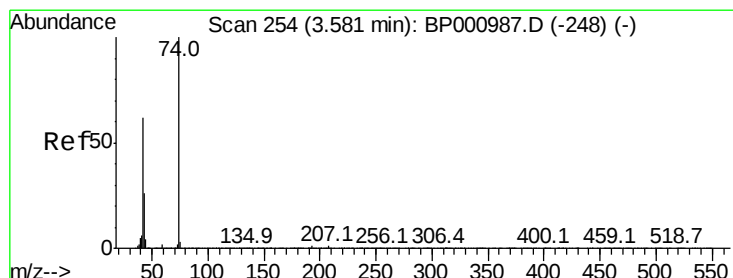
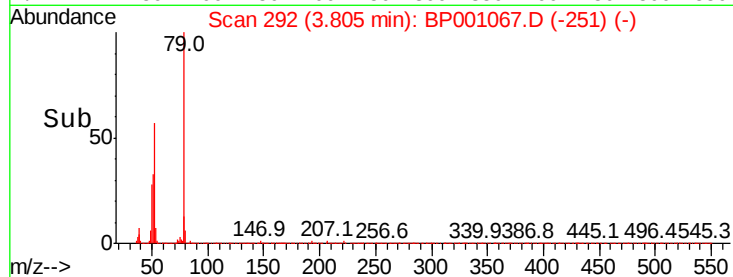
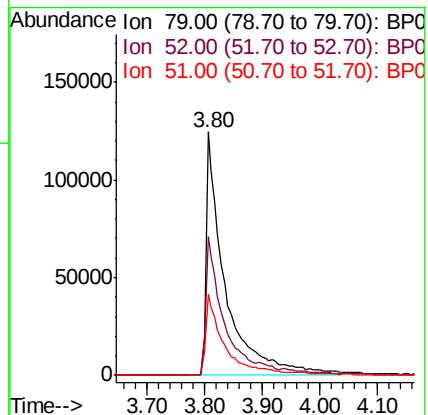
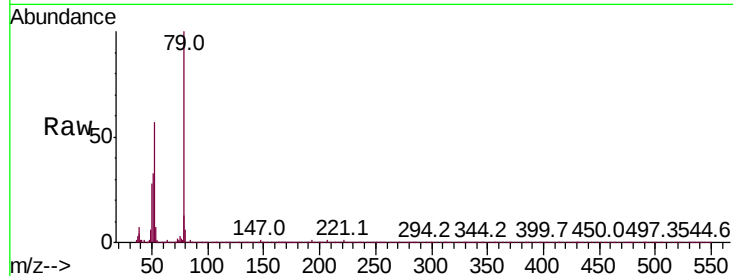
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 288517

Ion	Ratio	Lower	Upper
79	100		
52	57.0	46.4	69.6
51	33.3	23.4	35.0



#4

n-Nitrosodimethylamine

Concen: 47.859 ng

RT: 3.71 min Scan# 276

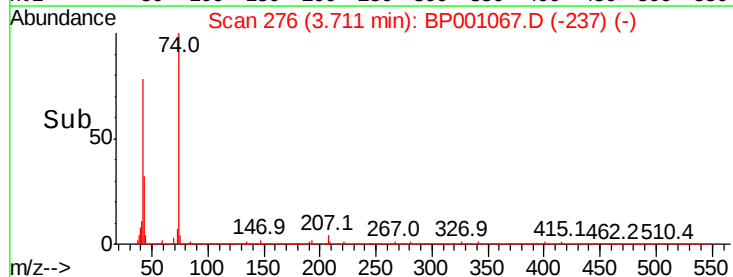
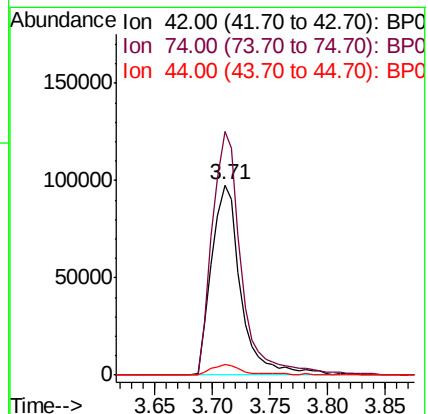
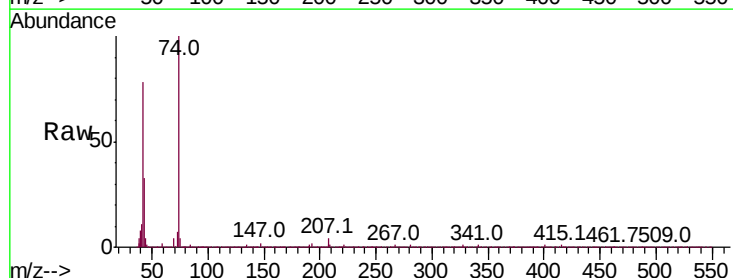
Delta R.T. 0.13 min

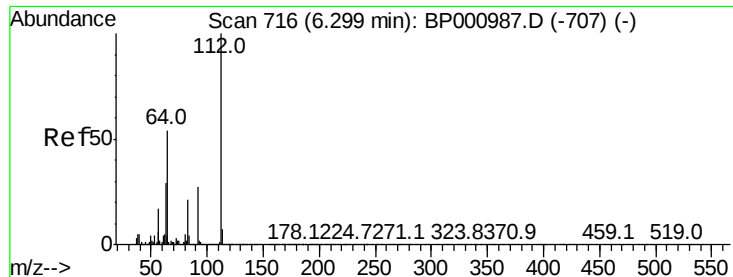
Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion: 42 Resp: 171708

Ion	Ratio	Lower	Upper
42	100		
74	127.9	128.4	192.6#
44	5.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 134.112 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

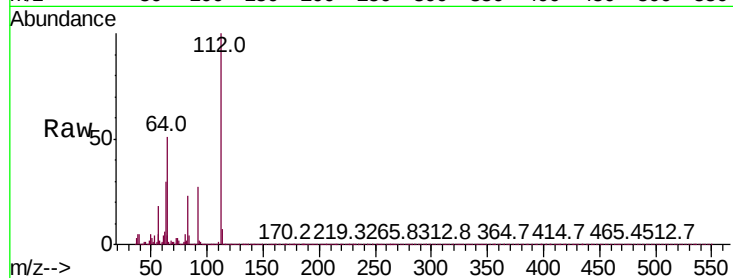
Tot Ion:112 Resp: 1200986

Ion Ratio Lower Upper

112 100

64 50.6 43.4 65.0

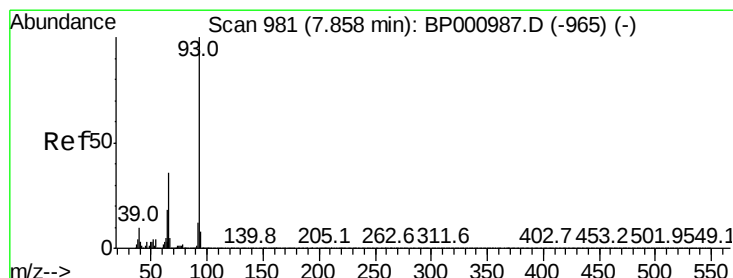
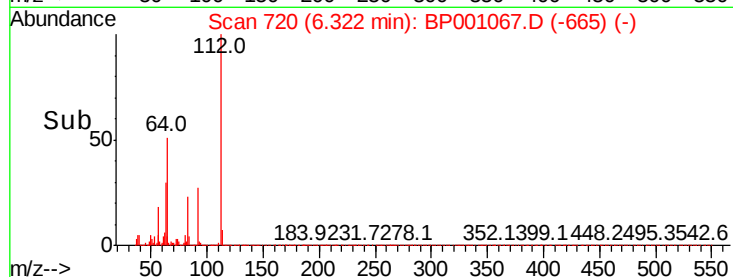
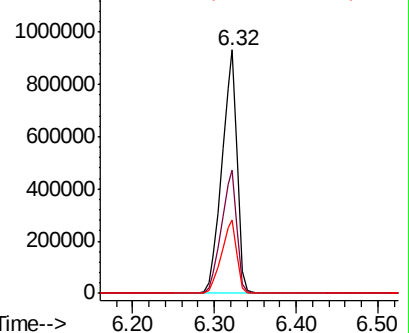
63 29.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 9.699 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

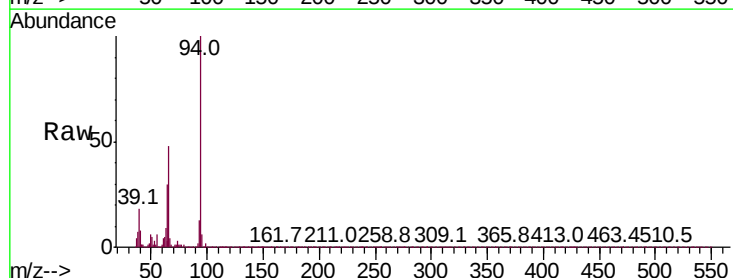
Tgt Ion: 93 Resp: 143440

Ion Ratio Lower Upper

93 100

66 365.5 29.1 43.7#

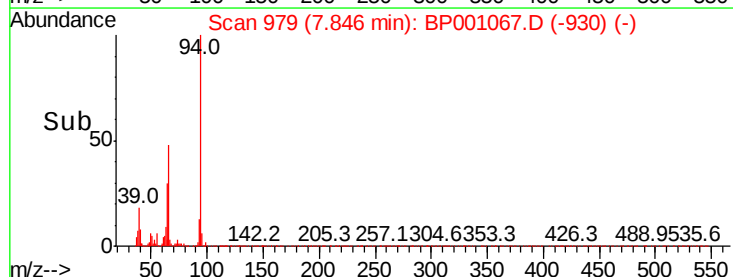
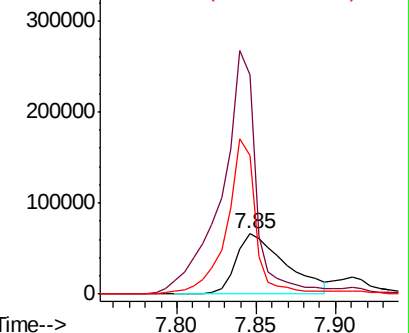
65 230.2 14.6 21.8#

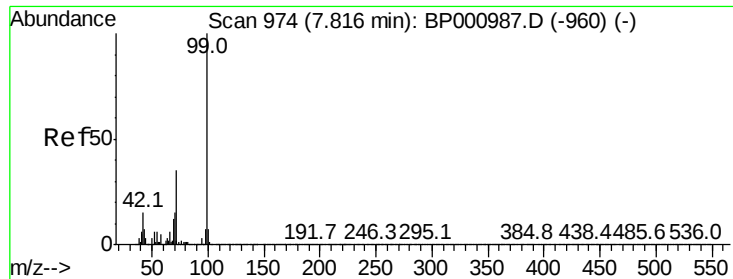


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 134.758 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

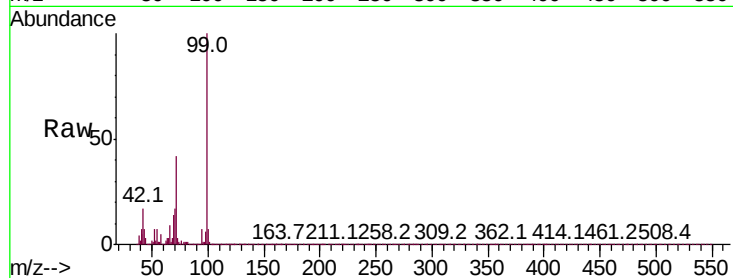
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1526037

Ion	Ratio	Lower	Upper
99	100		
42	16.5	11.6	17.4
71	42.0	28.0	42.0



Abundance

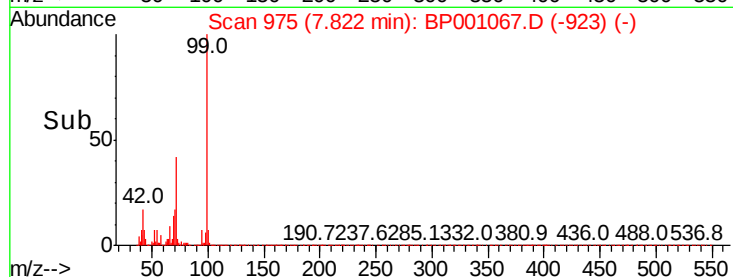
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

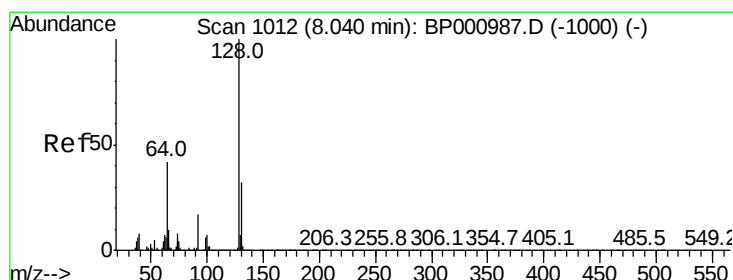
Ion 71.00 (70.70 to 71.70): BP0

7.82

Time-->



Time-->



#8

2-Chlorophenol

Concen: 47.426 ng

RT: 8.03 min Scan# 1011

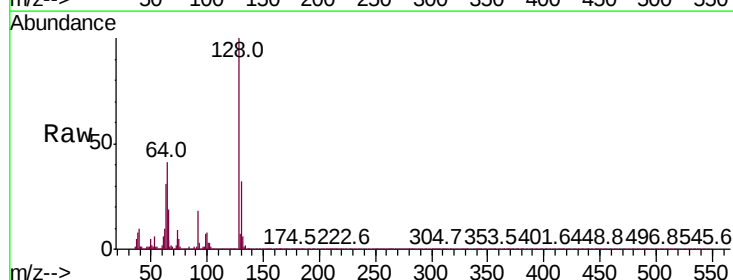
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion: 128 Resp: 450370

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	40.8	22.7	62.7



Abundance

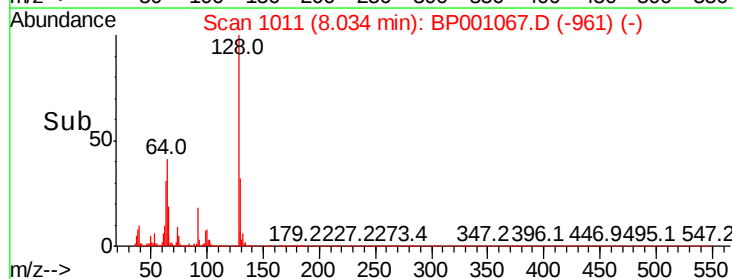
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

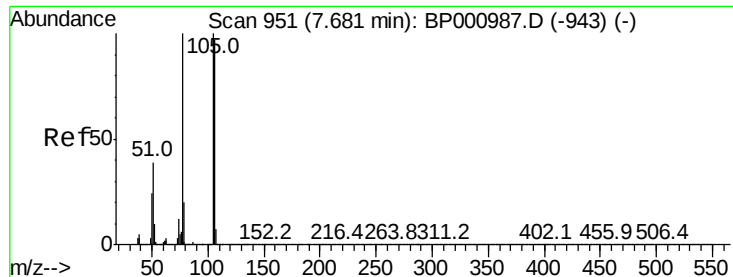
Ion 64.00 (63.70 to 64.70): BP0

8.03

Time-->



Time-->



#9

Benzaldehyde

Concen: 10.973 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampled :

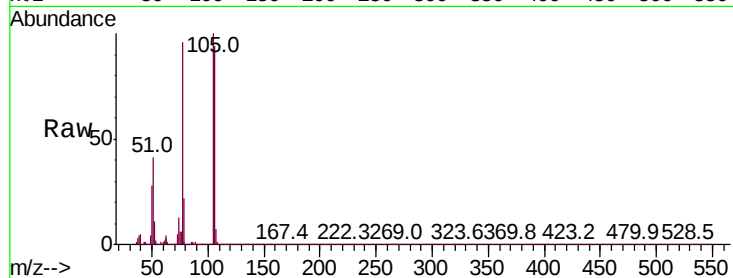
Tot Ion: 77 Resp: 86701

Ion Ratio Lower Upper

77 100

105 104.0 80.0 120.0

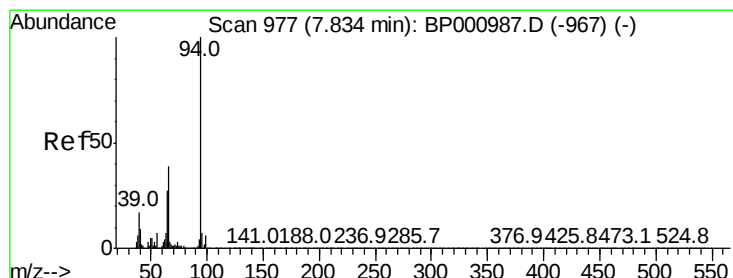
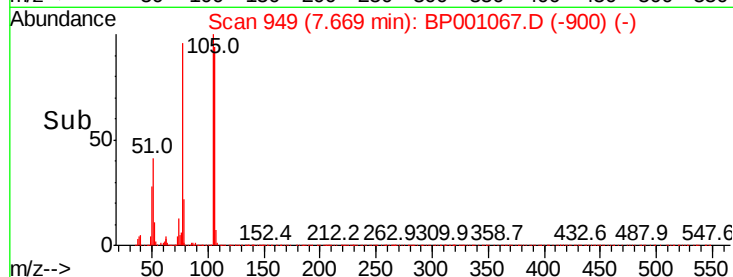
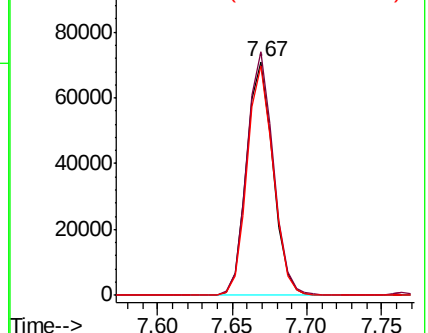
106 98.1 76.9 116.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 48.780 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

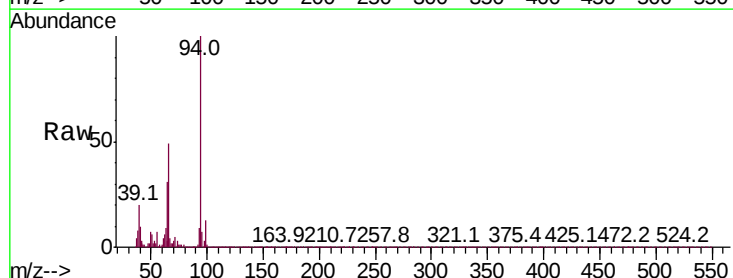
Tgt Ion: 94 Resp: 604209

Ion Ratio Lower Upper

94 100

65 31.1 6.7 46.7

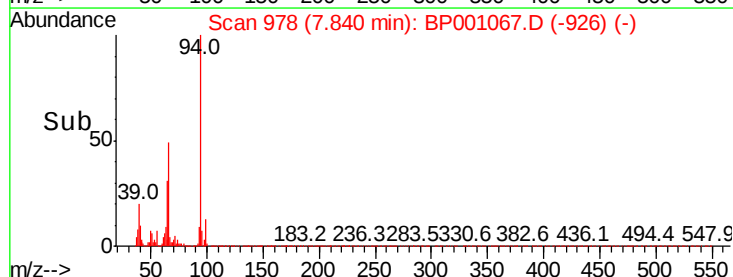
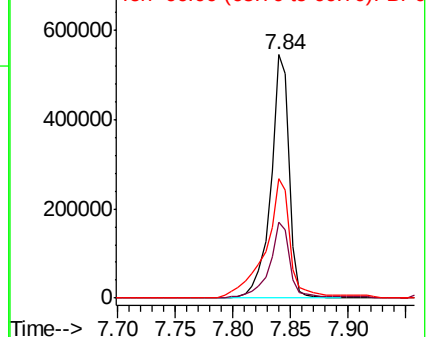
66 49.0 18.6 58.6

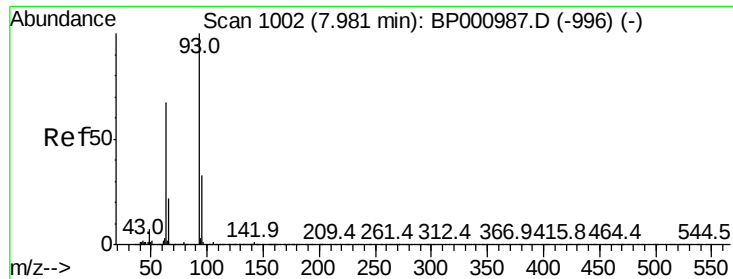


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

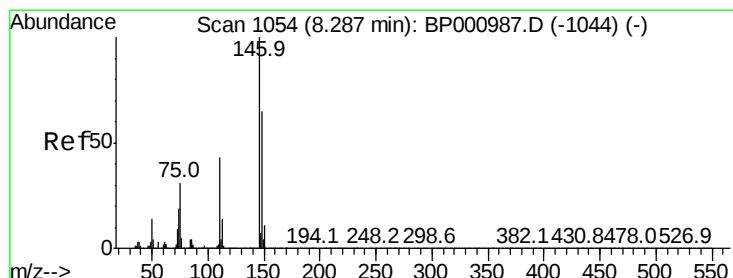
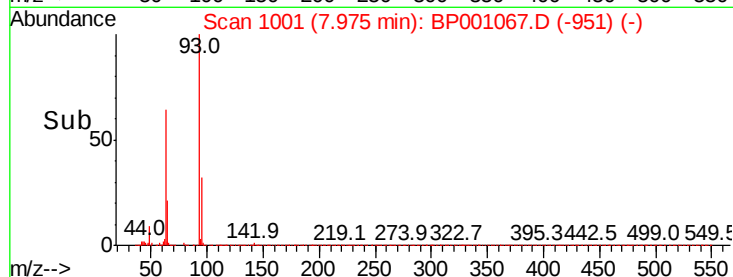
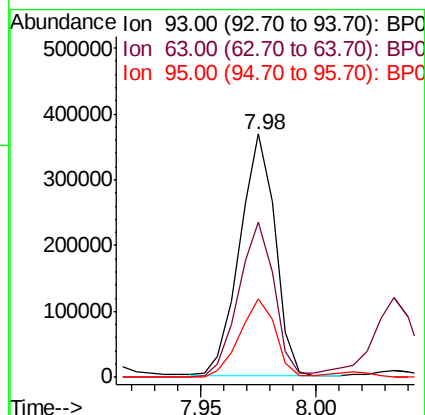
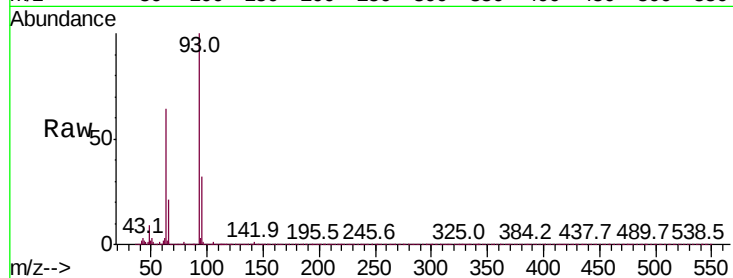




#11
bis(2-Chloroethyl)ether
Concen: 40.762 ng
RT: 7.98 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

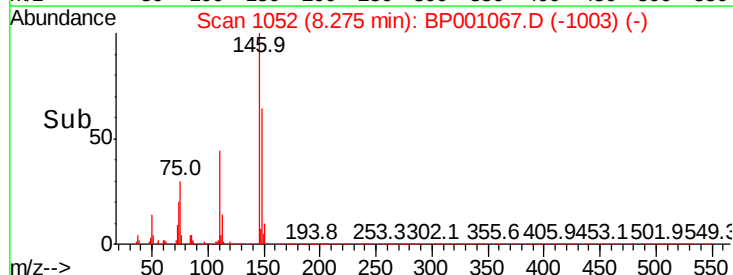
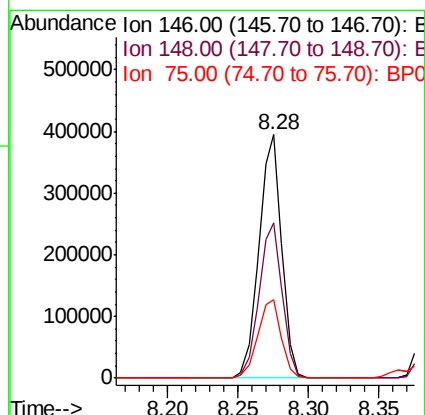
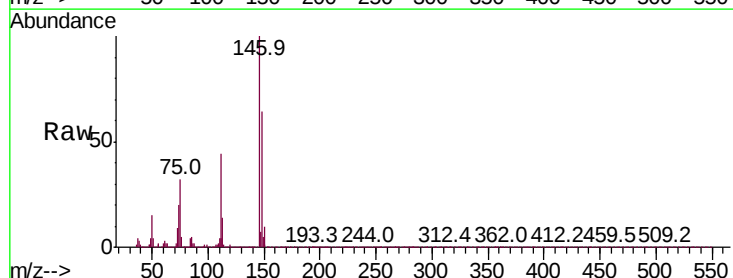
Instrument :
BNA_P
ClientSampleId :

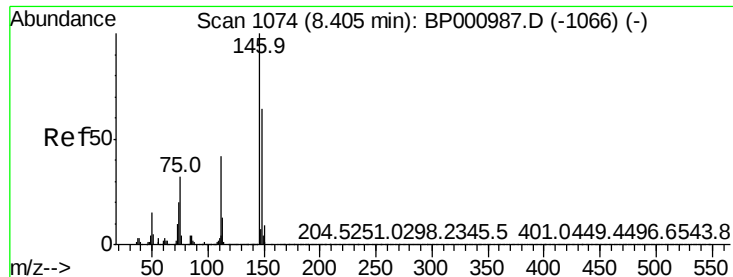
Tot Ion: 93 Resp: 393048
Ion Ratio Lower Upper
93 100
63 63.8 47.4 87.4
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 37.442 ng
RT: 8.28 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion: 146 Resp: 446082
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
75 32.3 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 38.487 ng

RT: 8.39 min Scan# 1072

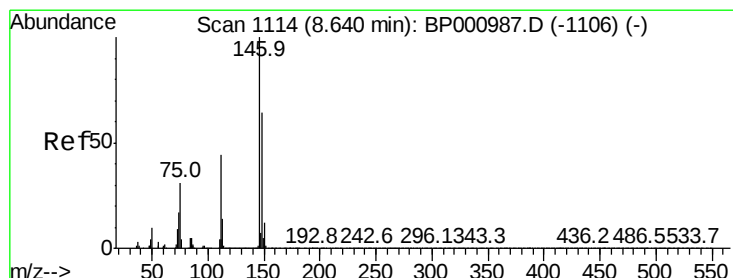
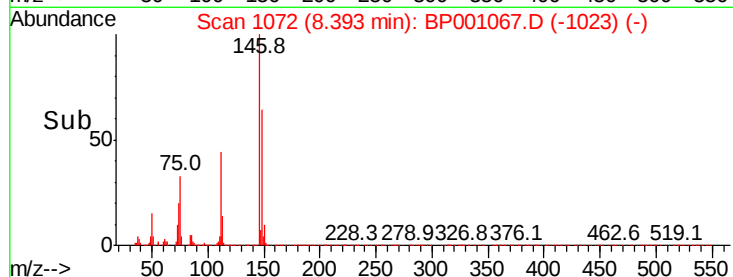
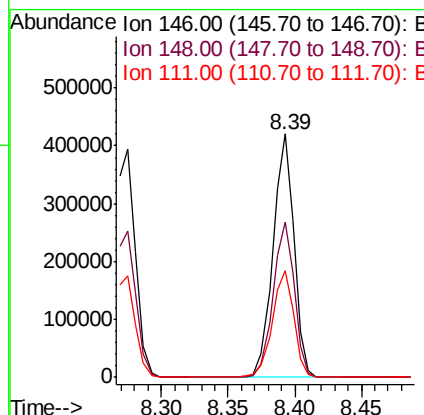
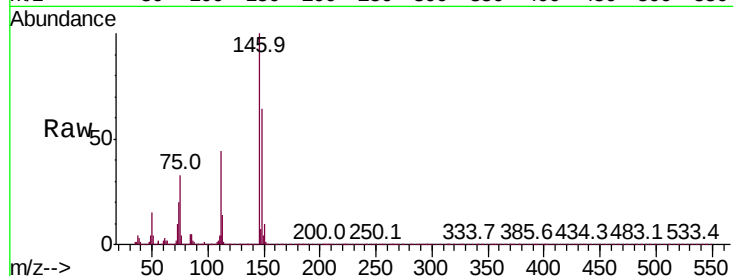
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	43.9	33.8	50.6



#14

1,2-Dichlorobenzene

Concen: 39.971 ng

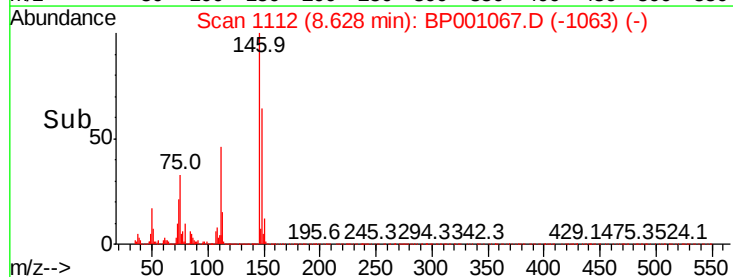
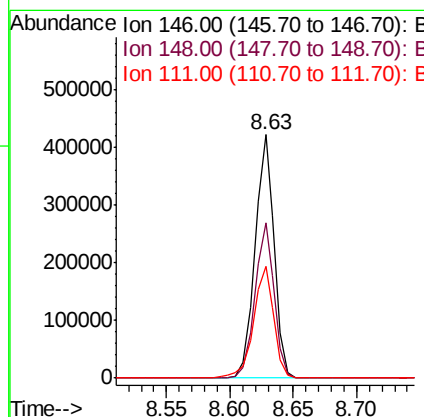
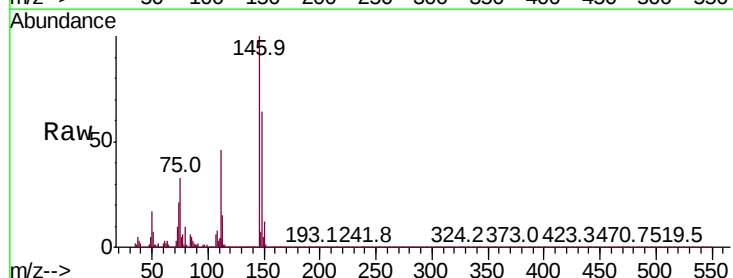
RT: 8.63 min Scan# 1112

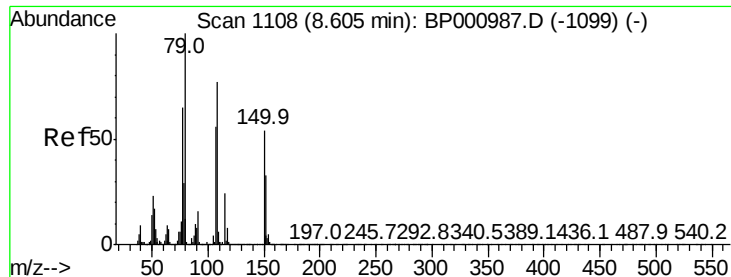
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	46.0	35.6	53.4

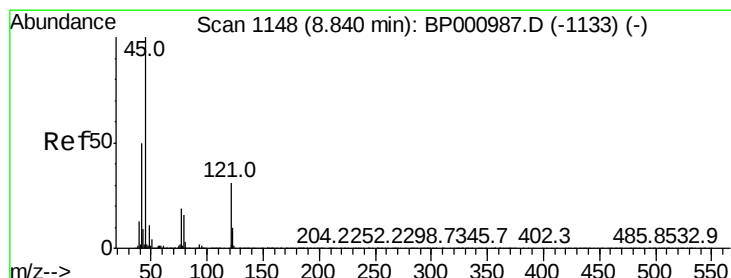
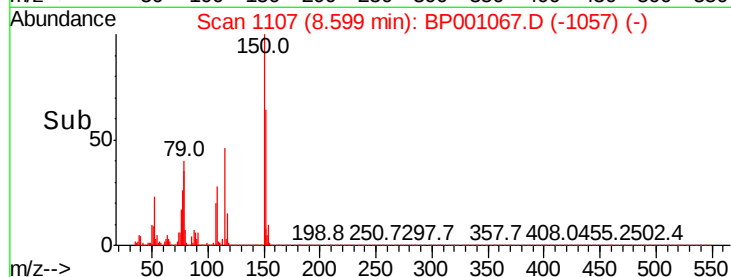
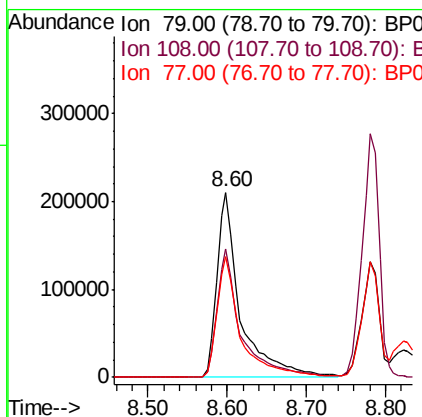
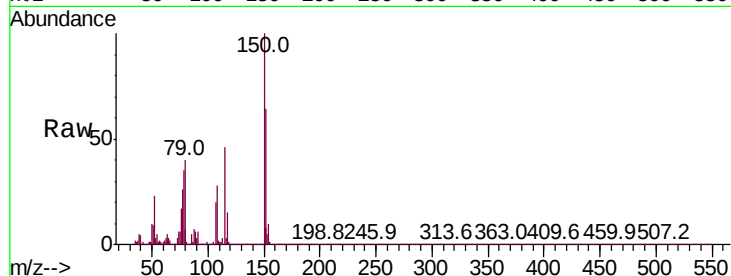




#15
Benzyl Alcohol
Concen: 49.996 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

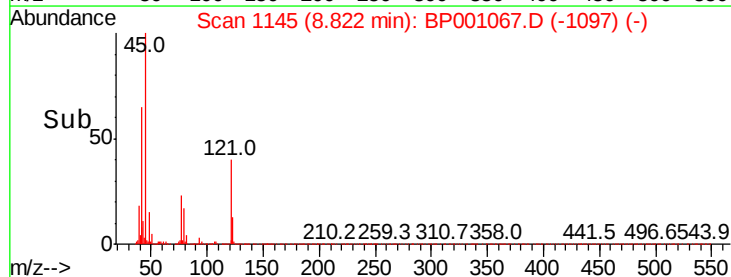
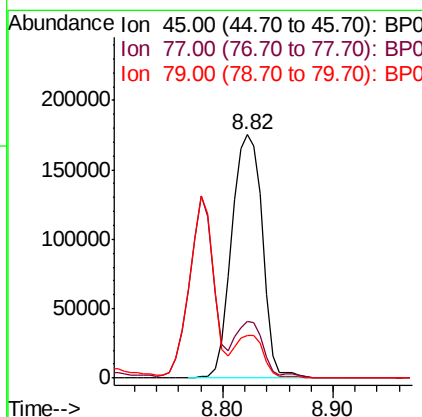
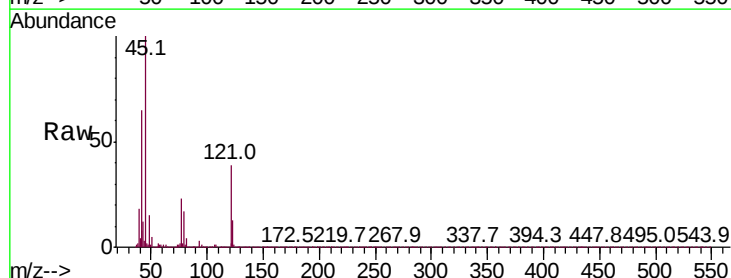
Instrument :
BNA_P
ClientSampleId :

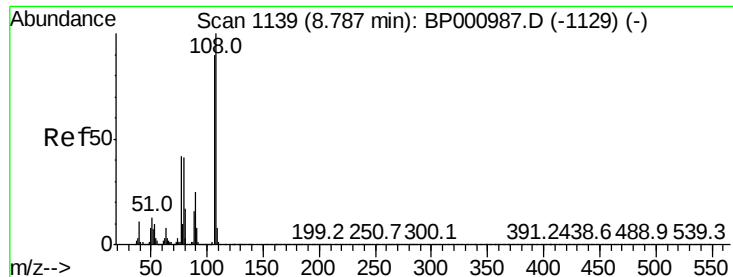
Tot Ion: 79 Resp: 431444
Ion Ratio Lower Upper
79 100
108 69.6 62.0 93.0
77 65.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.762 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion: 45 Resp: 339988
Ion Ratio Lower Upper
45 100
77 23.4 0.0 39.1
79 17.3 0.0 35.9





#17

2-Methylphenol

Concen: 46.791 ng

RT: 8.78 min Scan# 1138

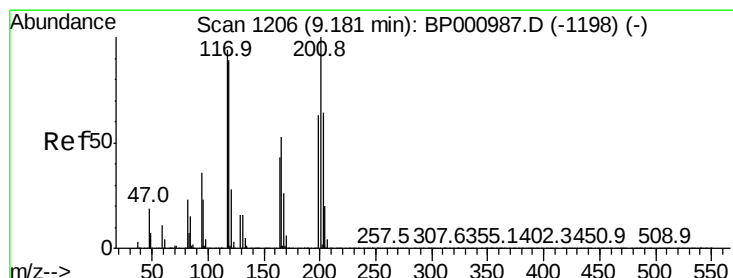
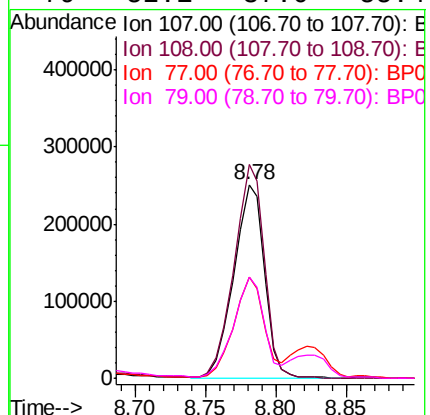
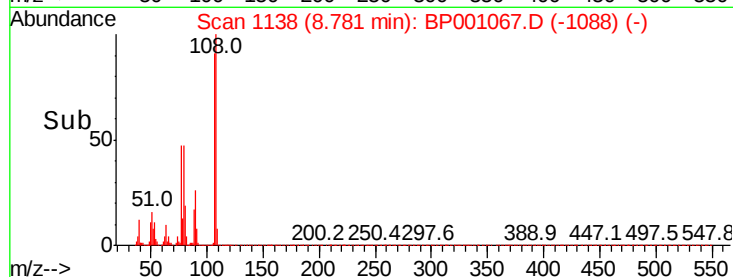
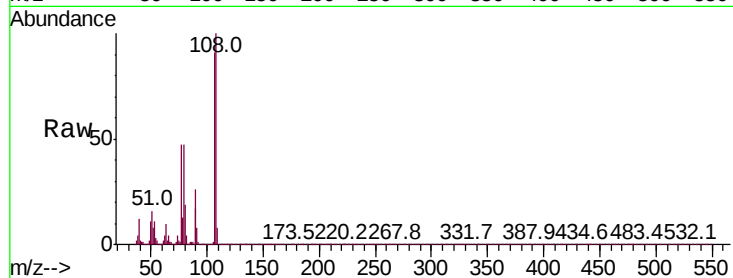
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	377251
Ion	Ratio	Lower	Upper
107	100		
108	110.4	89.3	133.9
77	52.3	37.2	55.8
79	52.1	37.0	55.4



#18

Hexachloroethane

Concen: 38.876 ng

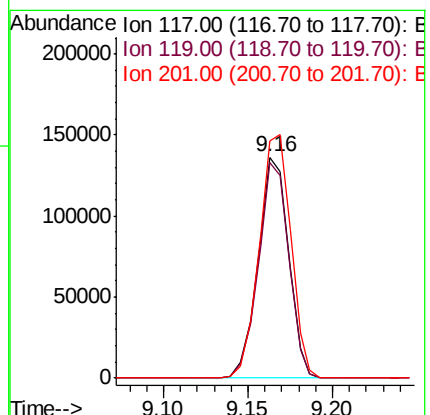
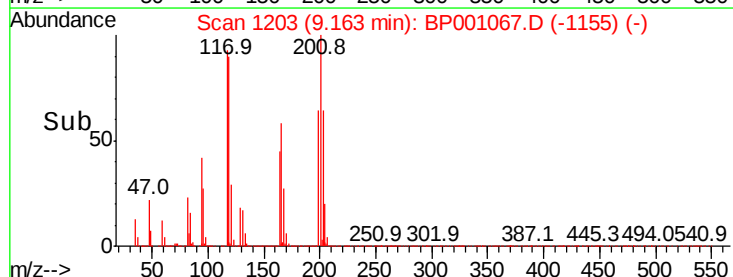
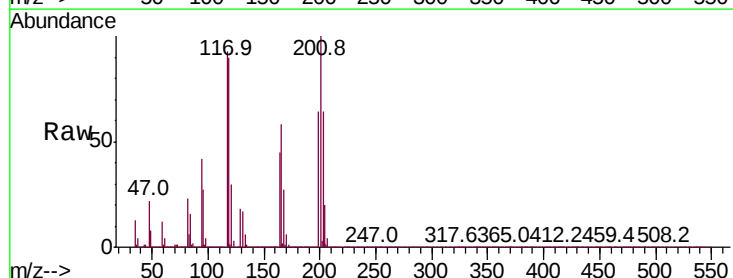
RT: 9.16 min Scan# 1203

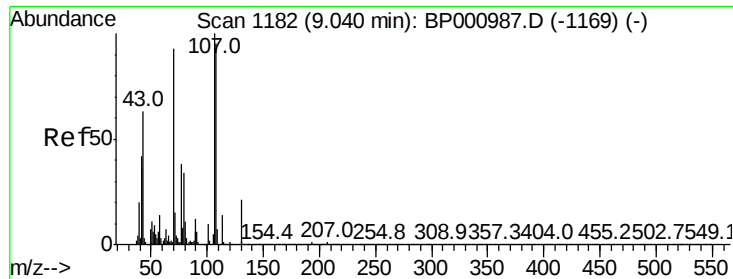
Delta R.T. -0.02 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:	117	Resp:	171362
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.5	113.3
201	107.6	84.9	127.3

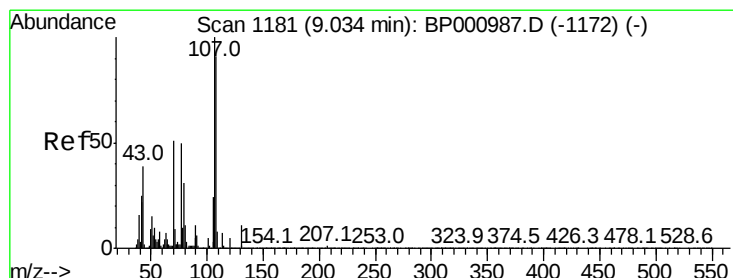
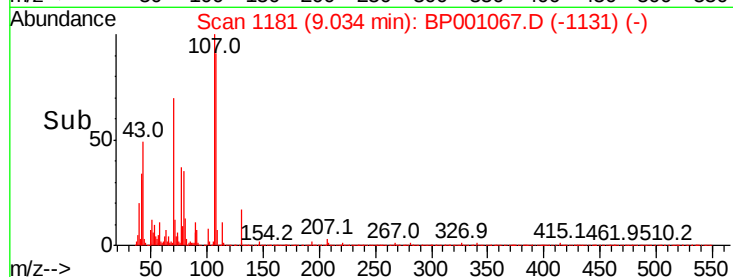
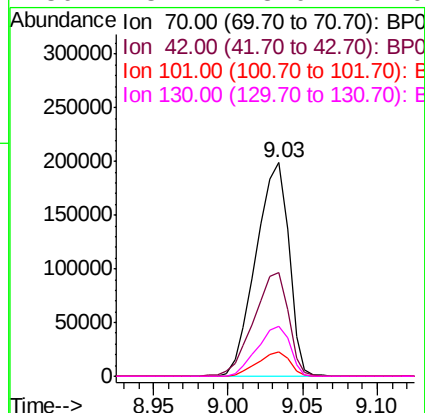
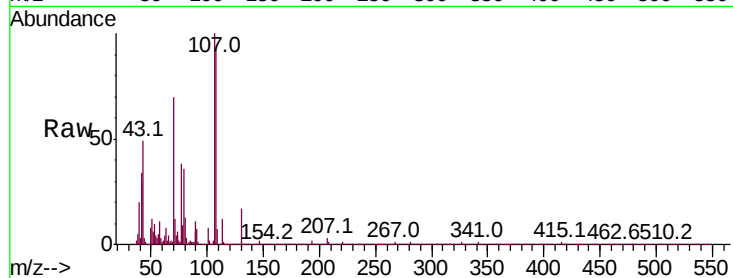




#19
n-Nitroso-di-n-propylamine
Concen: 44.764 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

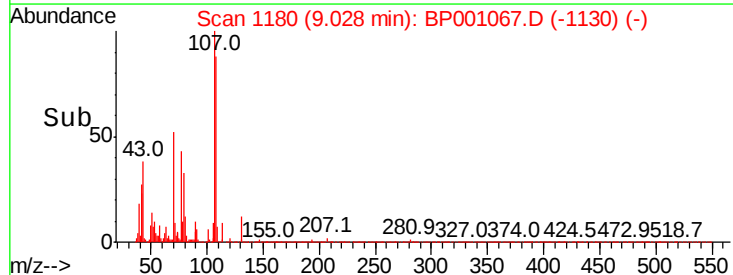
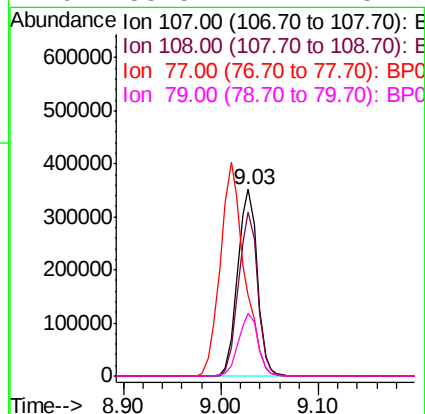
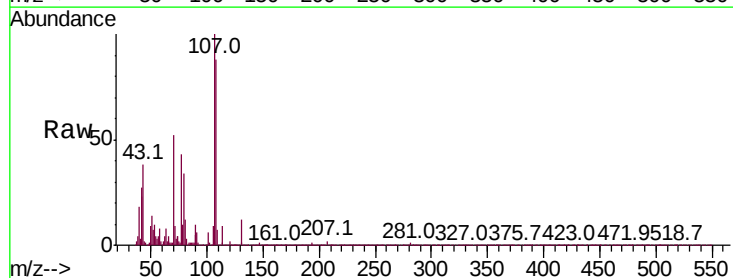
Instrument :
BNA_P
ClientSampleId :

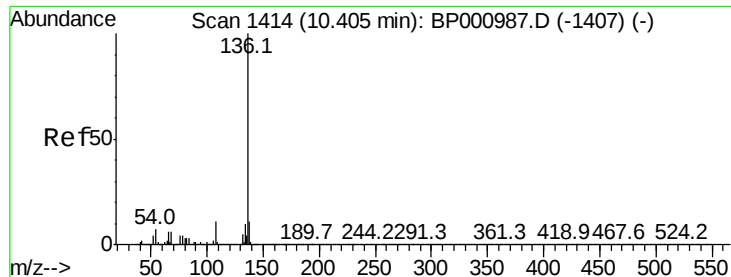
Tot Ion:	70	Resp:	304387
Ion	Ratio	Lower	Upper
70	100		
42	48.6	36.3	54.5
101	11.2	8.7	13.1
130	23.7	18.0	27.0



#20
3+4-Methylphenols
Concen: 49.073 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:	107	Resp:	490851
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.1	111.1
77	43.1	29.8	69.8
79	33.5	11.1	51.1

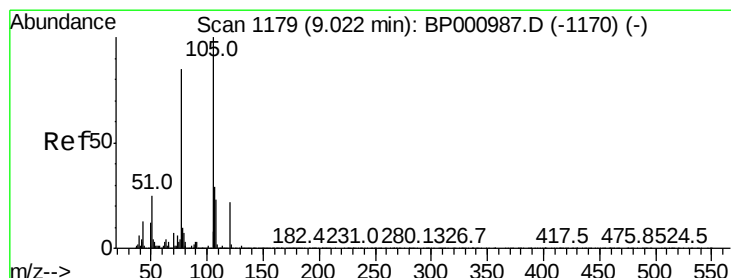
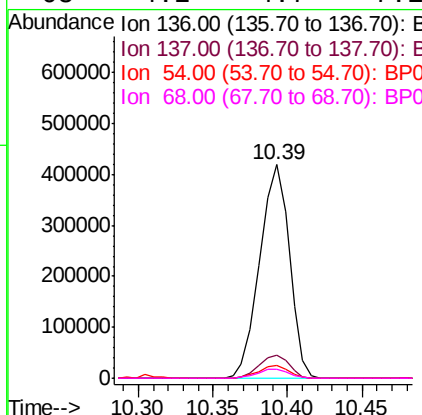
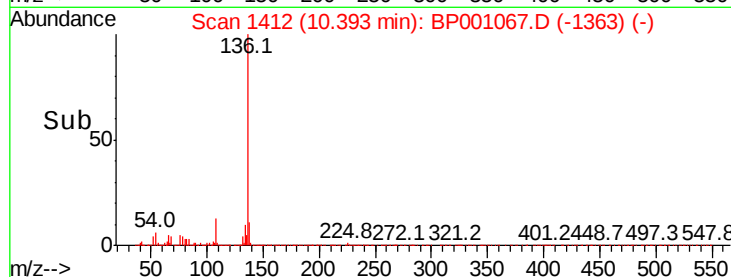
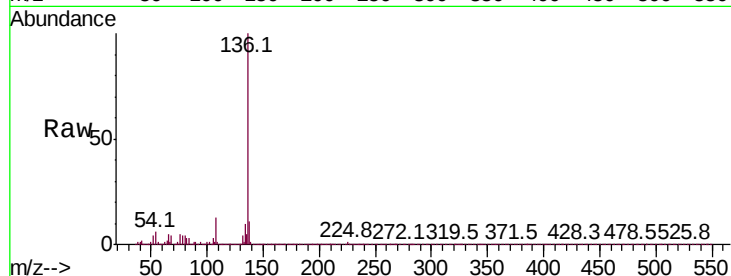




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

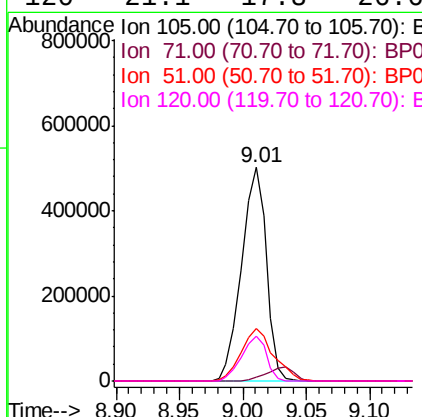
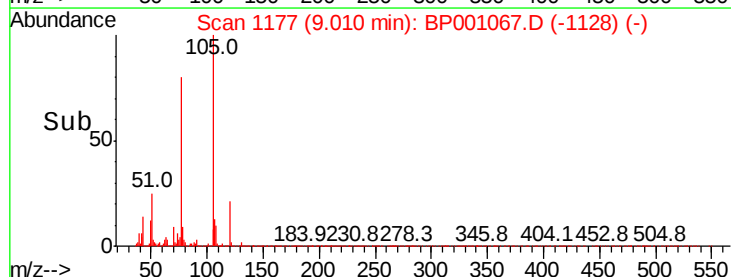
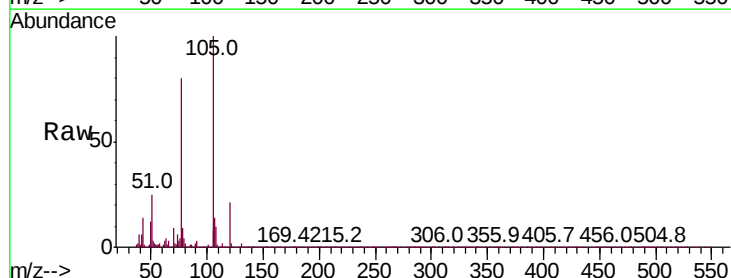
Instrument :
BNA_P
ClientSampleId :

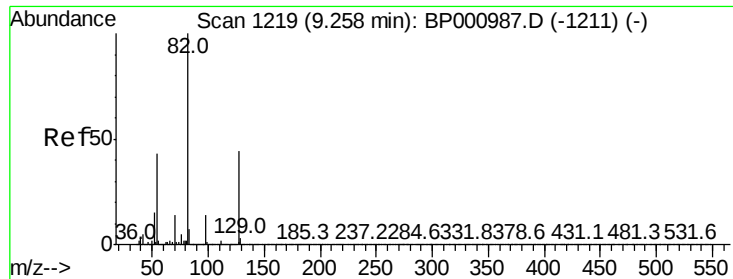
Tot Ion:136	Resp:	576067
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.6
54	5.9	5.4 8.2
68	4.2	4.7 7.1#



#22
Acetophenone
Concen: 45.829 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:105	Resp:	681818
Ion	Ratio	Lower Upper
105	100	
71	1.7	1.0 1.4#
51	24.8	19.9 29.9
120	21.1	17.8 26.6

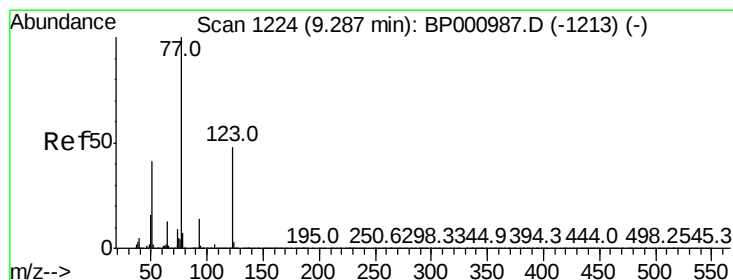
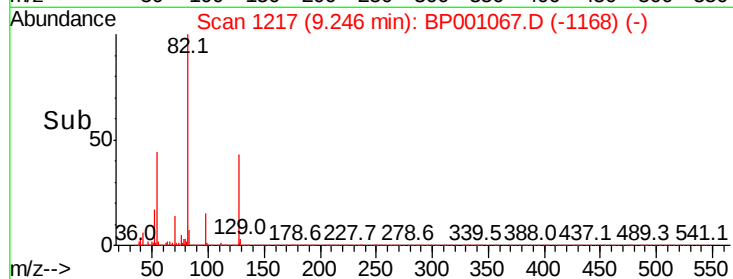
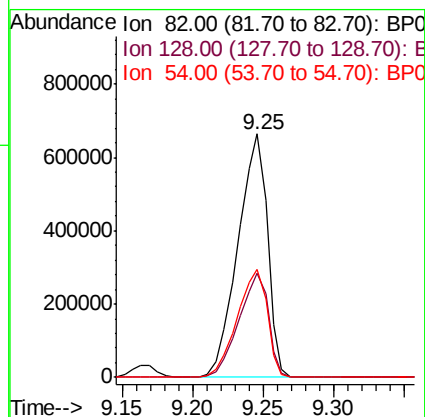
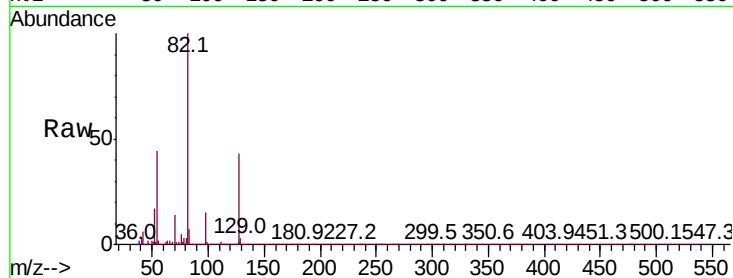




#23
 Nitrobenzene-d5
 Concen: 93.214 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

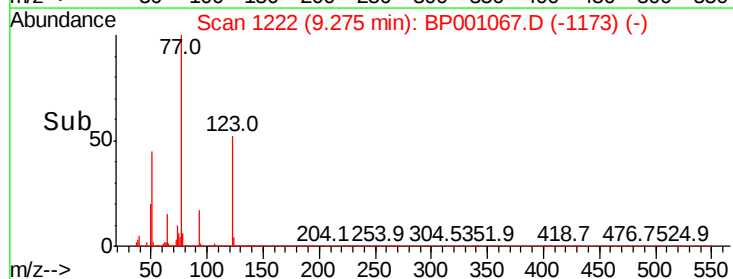
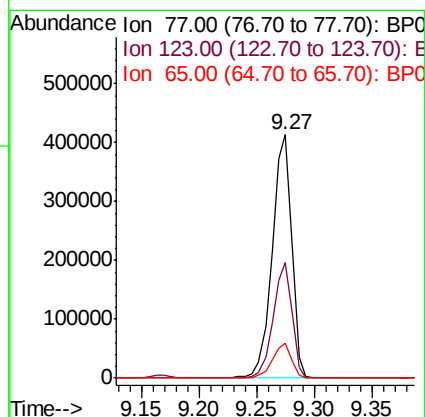
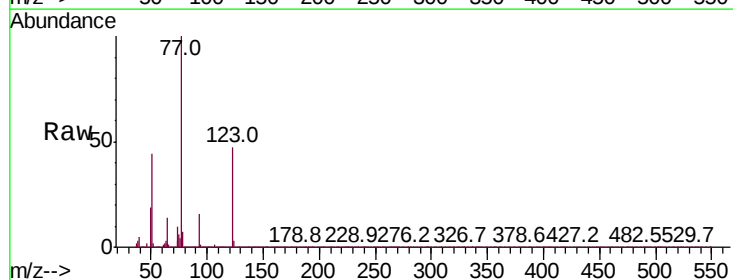
Instrument :
 BNA_P
 ClientSampled :

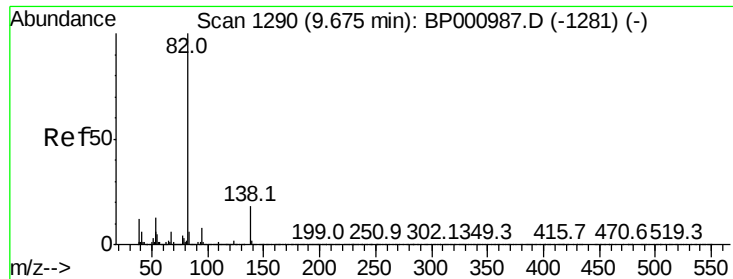
Tot Ion	82	Resp	970731
Ion Ratio	100	Lower	Upper
128	43.0	35.3	52.9
54	44.3	34.3	51.5



#24
 Nitrobenzene
 Concen: 46.484 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	77	Resp	485741
Ion Ratio	100	Lower	Upper
123	47.5	38.1	57.1
65	14.2	10.2	15.2





#25

Isophorone

Concen: 44.949 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

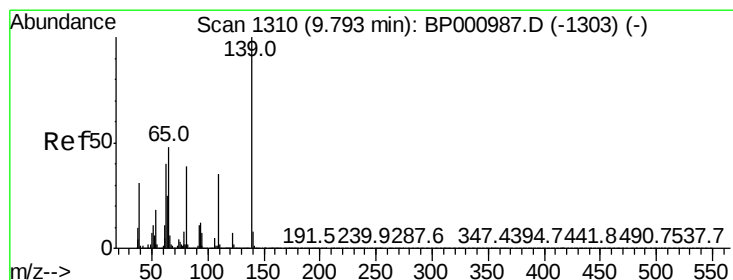
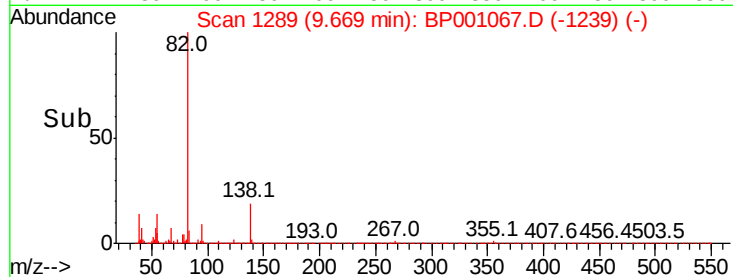
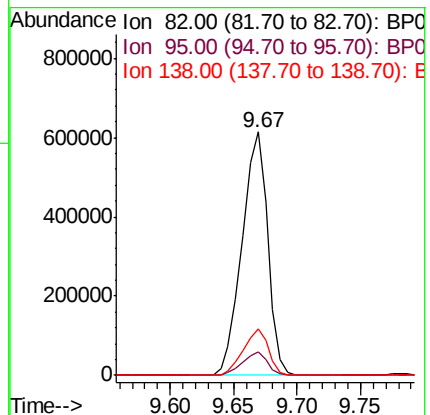
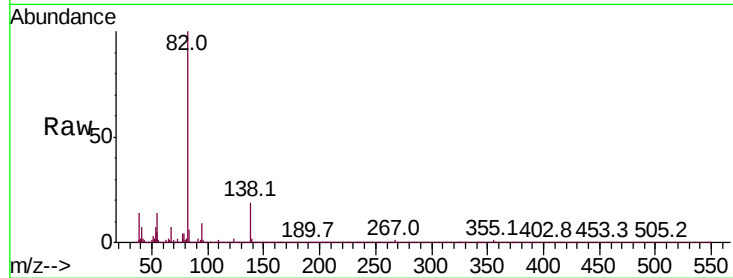
Tot Ion: 82 Resp: 861588

Ion Ratio Lower Upper

82 100

95 9.5 6.2 9.4#

138 19.0 14.2 21.4



#26

2-Nitrophenol

Concen: 59.483 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

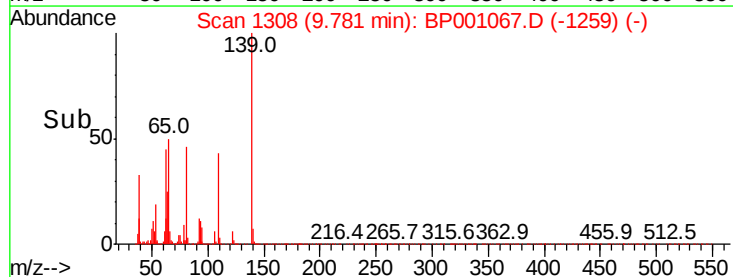
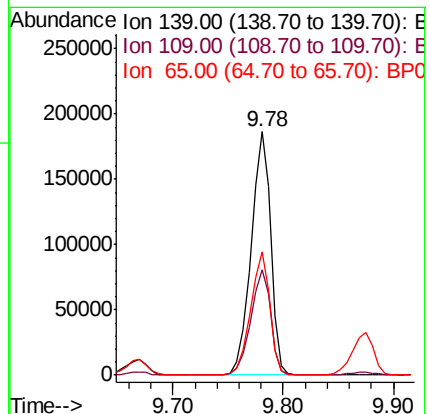
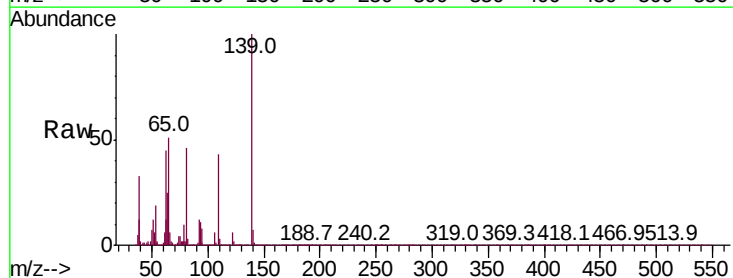
Tgt Ion: 139 Resp: 232276

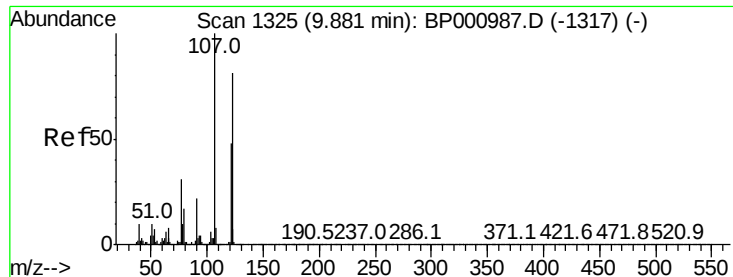
Ion Ratio Lower Upper

139 100

109 43.5 27.7 41.5#

65 50.6 38.2 57.4





#27

2,4-Dimethylphenol

Concen: 53.549 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampled :

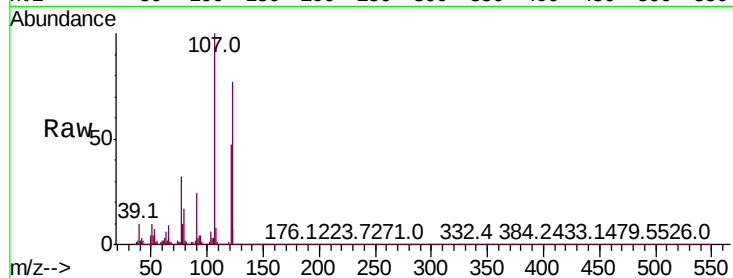
Tot Ion:122 Resp: 391572

Ion Ratio Lower Upper

122 100

107 130.4 99.3 148.9

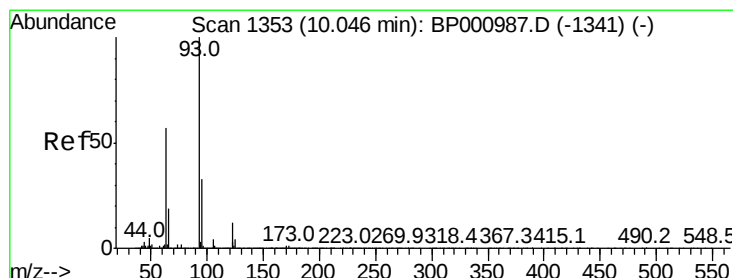
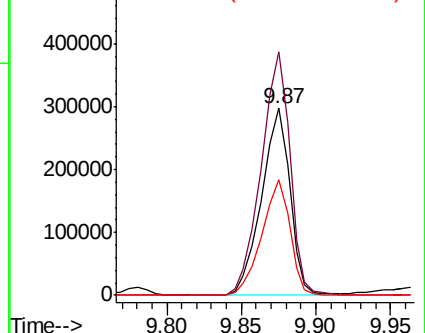
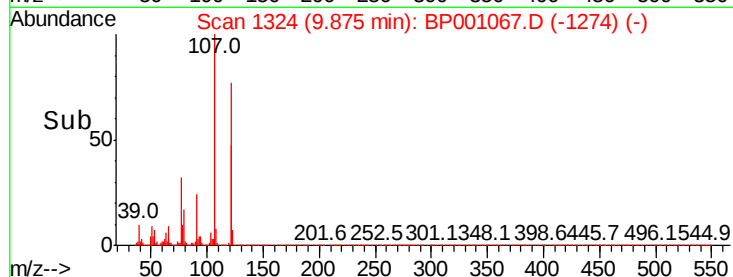
121 61.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.812 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

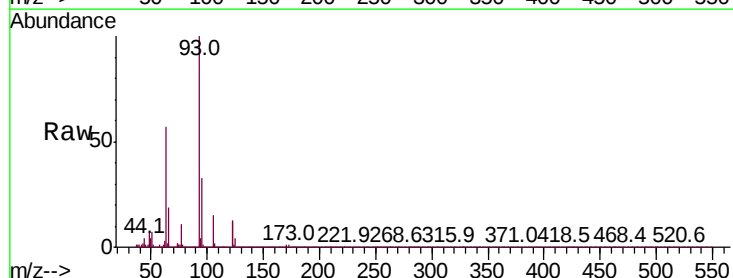
Tgt Ion: 93 Resp: 511490

Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

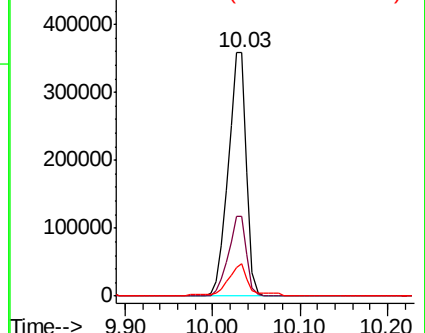
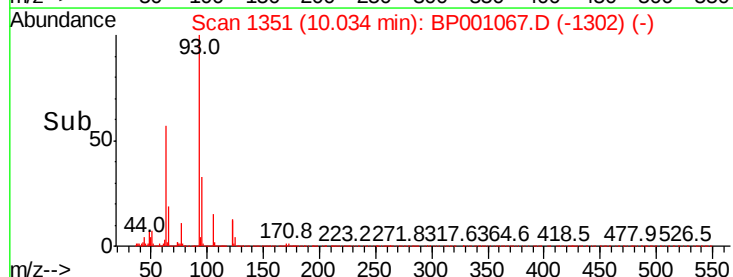
123 13.3 9.6 14.4

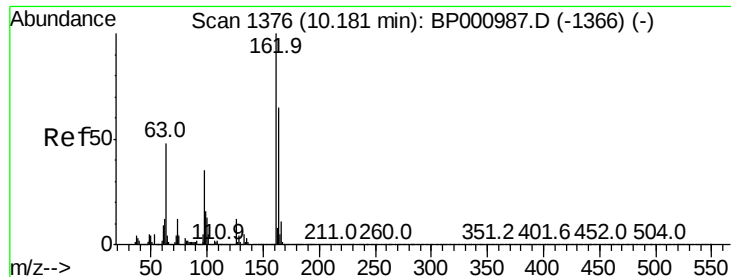


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

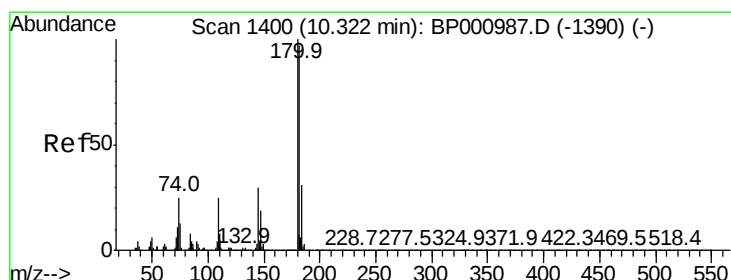
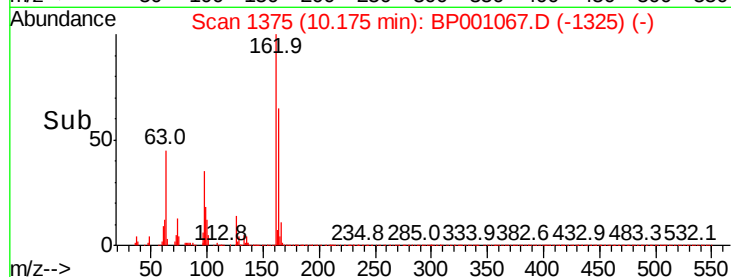
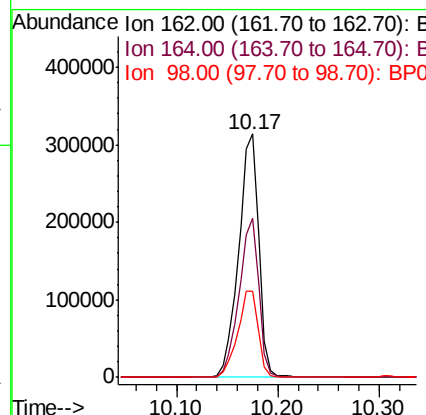
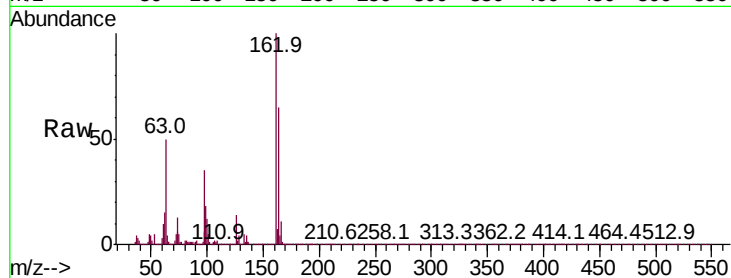




#29
2,4-Dichlorophenol
Concen: 48.733 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

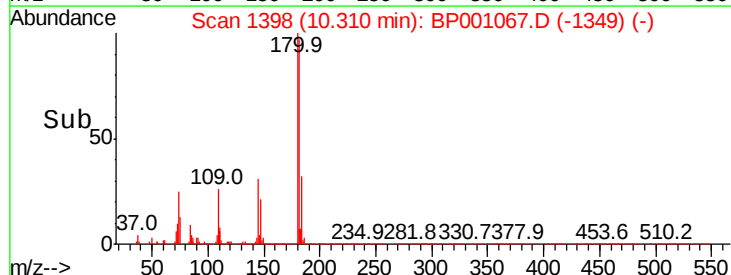
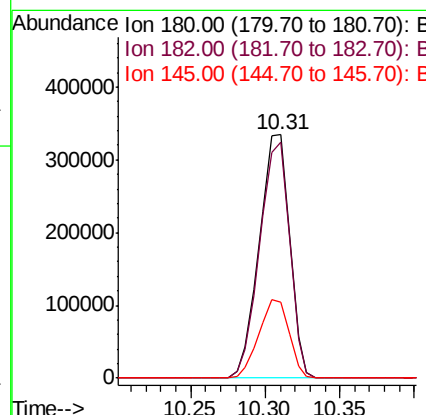
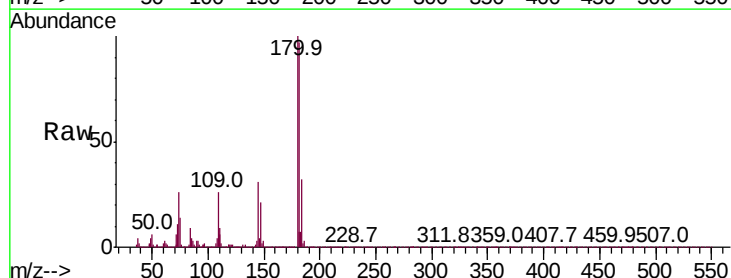
Instrument :
BNA_P
ClientSampleId :

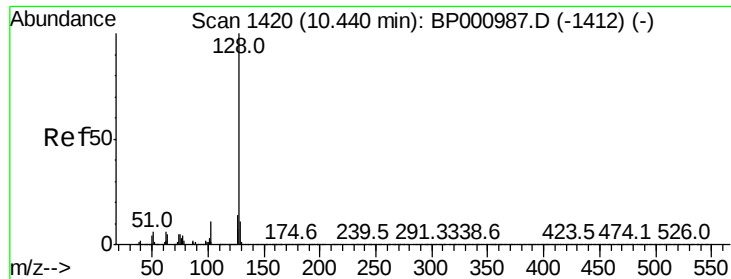
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.5	84.5
98	35.4	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 43.300 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.8	116.6
145	31.4	24.2	36.4

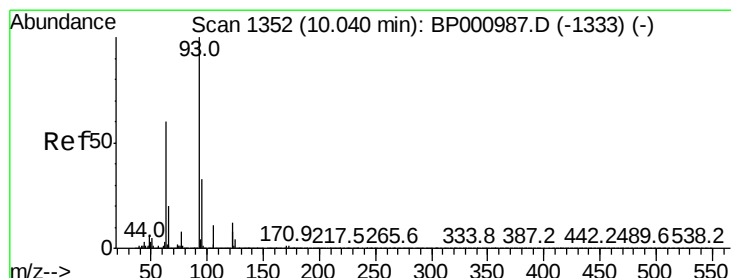
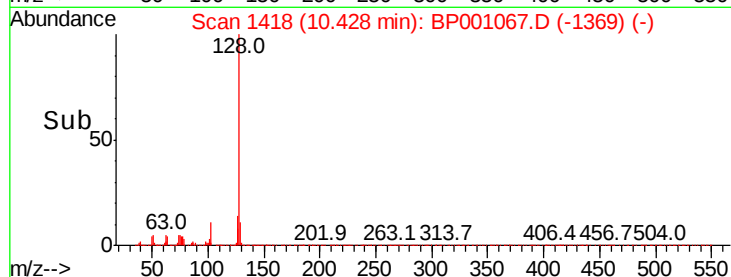
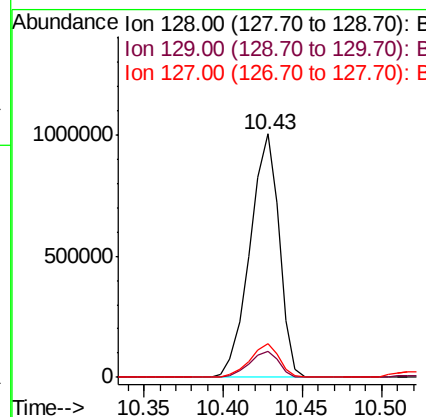
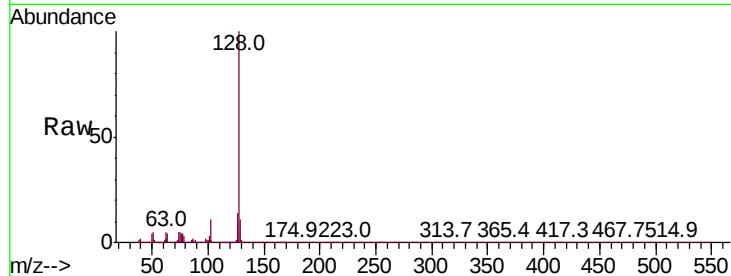




#31
Naphthalene
Concen: 44.609 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

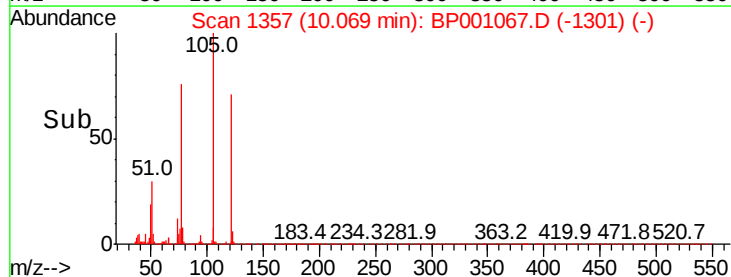
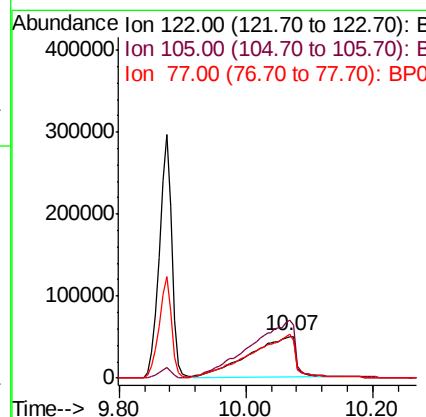
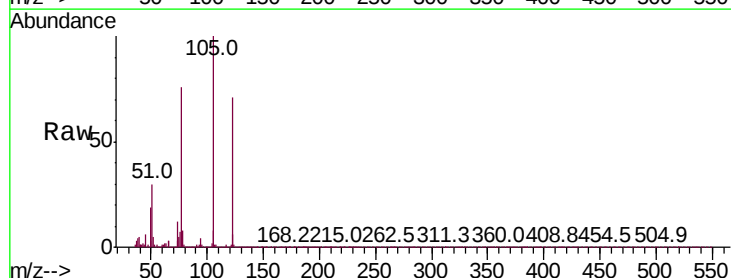
Instrument :
BNA_P
ClientSampleId :

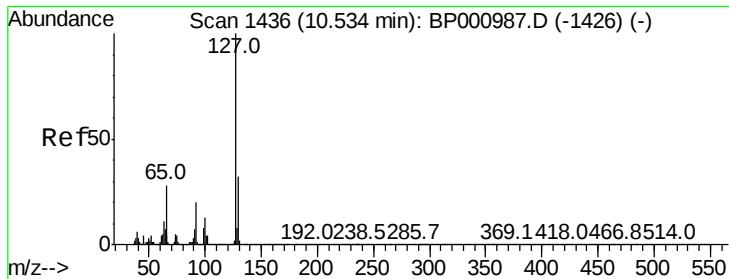
Tot Ion:128 Resp: 1283927
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 56.404 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.03 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:122 Resp: 256163
Ion Ratio Lower Upper
122 100
105 140.0 110.5 150.5
77 106.4 77.9 117.9

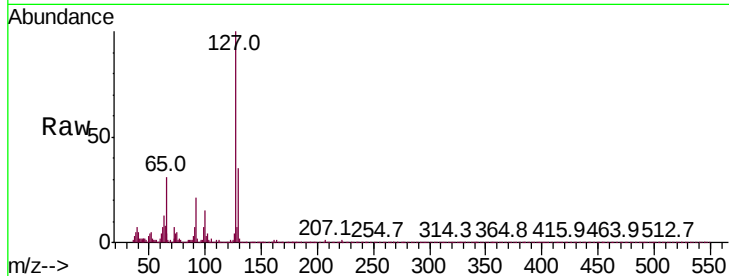




#33
4-Chloroaniline
Concen: 5.056 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:127	Resp:	62400
Ion Ratio	Lower	Upper
127	100	
129	34.9	25.8 38.6
65	31.5	22.7 34.1
92	21.0	15.8 23.6



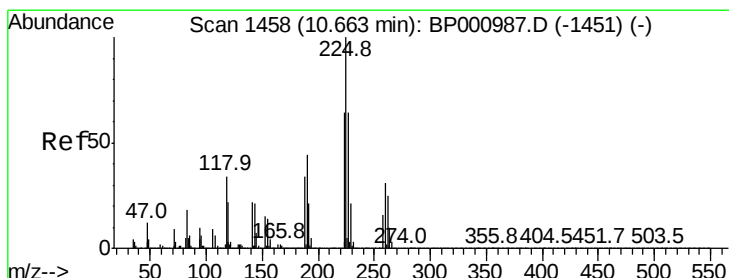
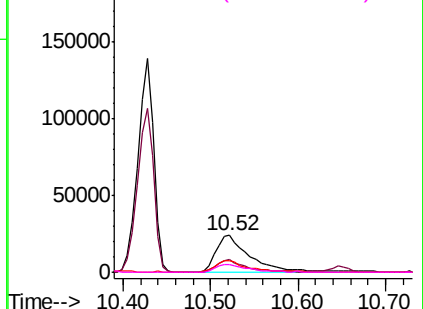
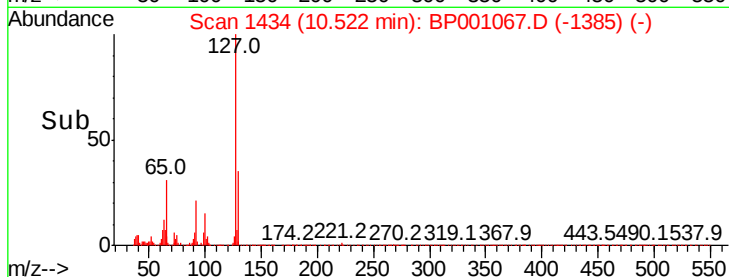
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

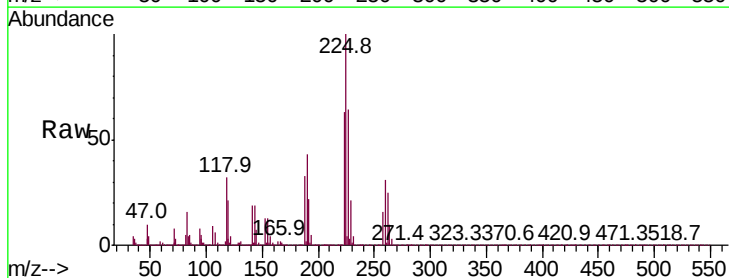
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 45.246 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:225	Resp:	324127
Ion Ratio	Lower	Upper
225	100	
223	63.1	51.1 76.7
227	64.4	51.4 77.2

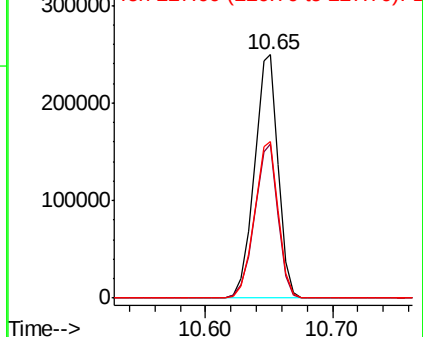
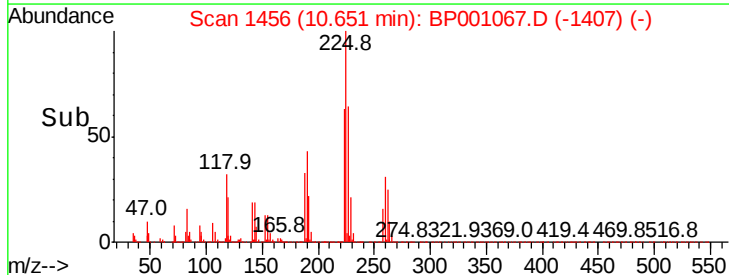


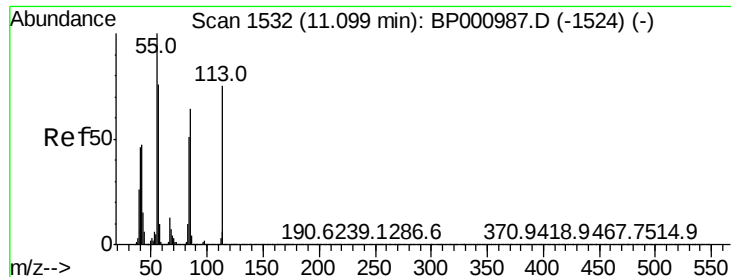
Abundance

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

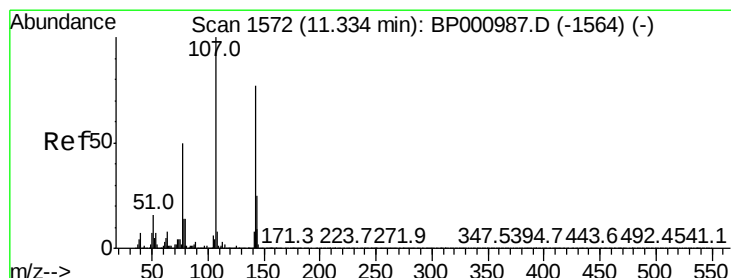
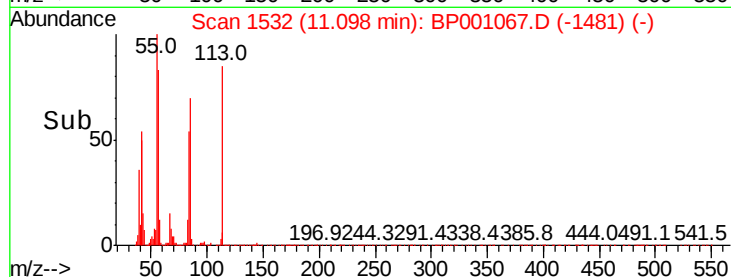
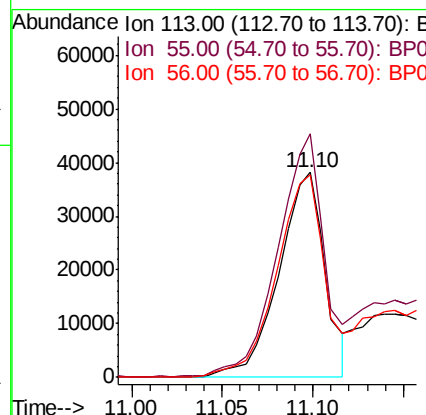
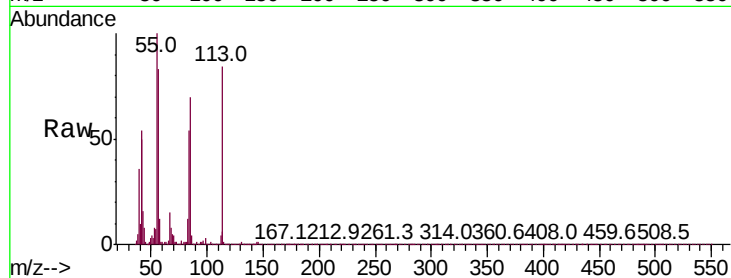




#35
Caprolactam
Concen: 24.266 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

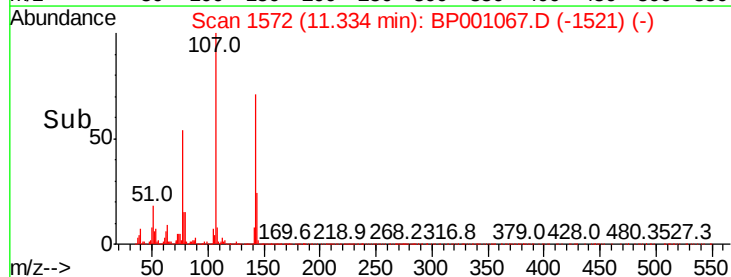
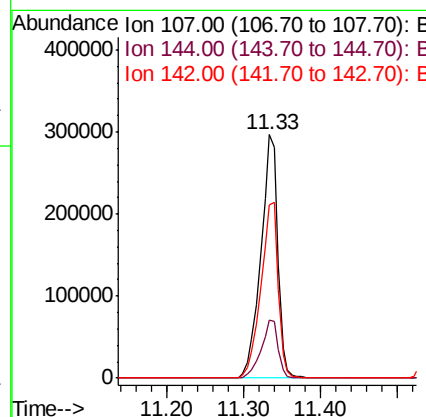
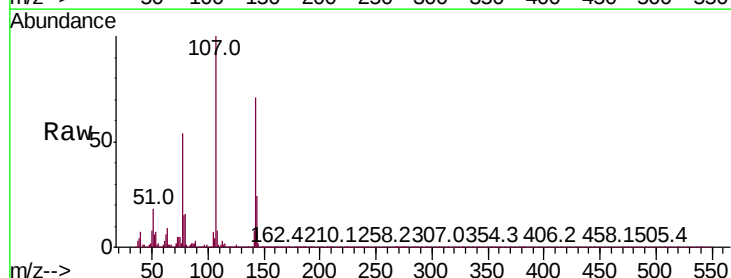
Instrument :
BNA_P
ClientSampleId :

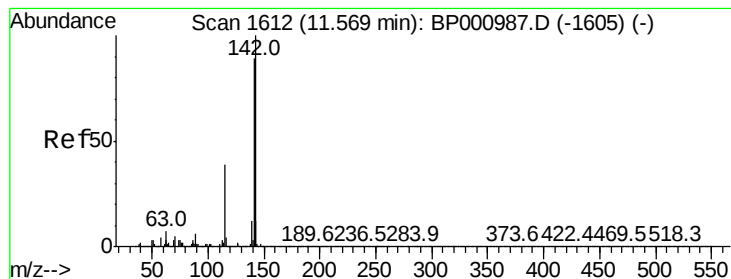
Tot Ion:113 Resp: 67600
Ion Ratio Lower Upper
113 100
55 118.8 114.2 154.2
56 99.0 81.9 121.9



#36
4-Chloro-3-methylphenol
Concen: 49.998 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:107 Resp: 458232
Ion Ratio Lower Upper
107 100
144 23.7 20.0 30.0
142 71.2 61.9 92.9

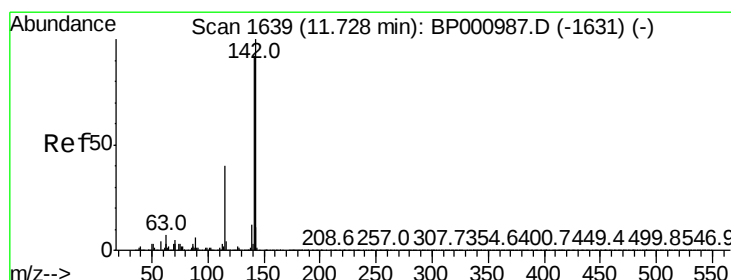
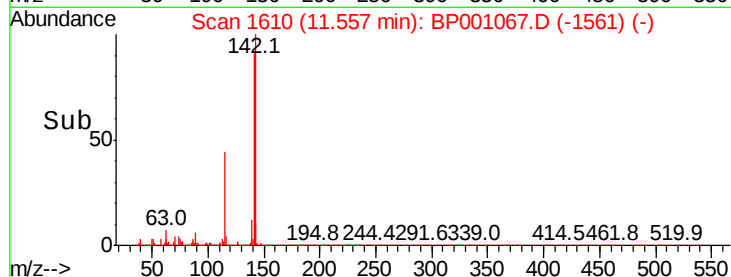
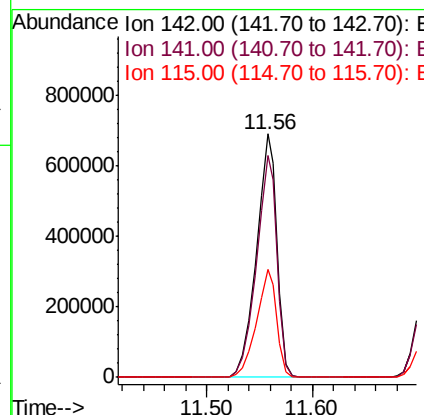
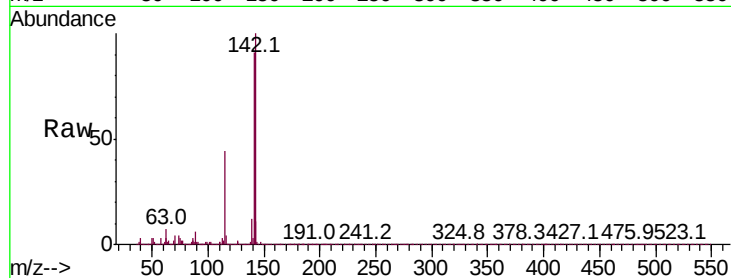




#37
2-Methylnaphthalene
Concen: 46.412 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

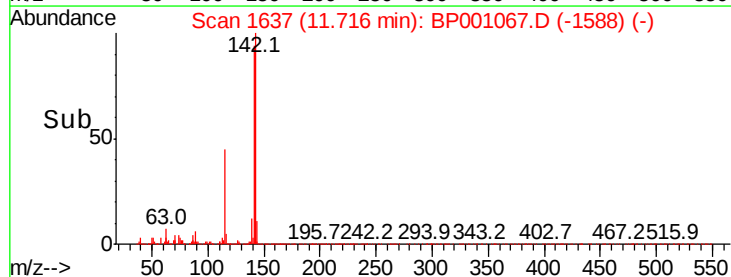
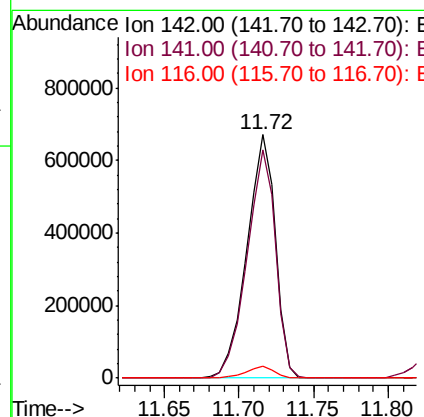
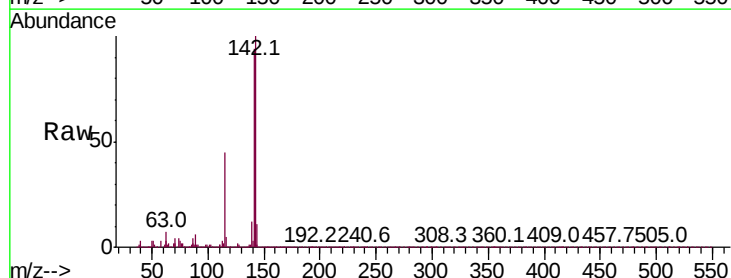
Instrument :
BNA_P
ClientSampleId :

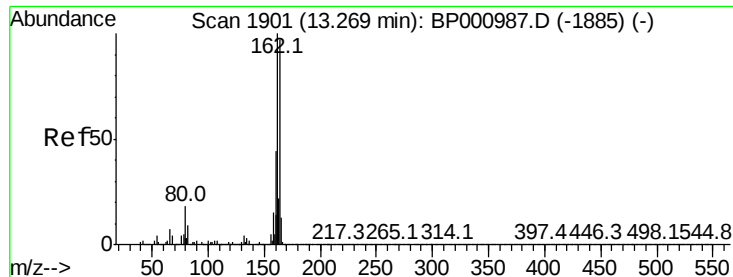
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.5	107.3
115	44.2	30.8	46.2



#38
1-Methylnaphthalene
Concen: 46.498 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.9	110.9
116	4.8	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

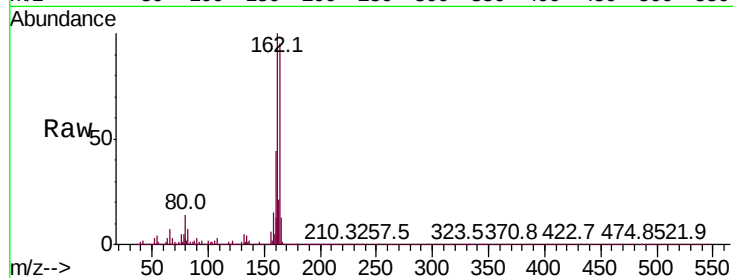
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 328827

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	46.5	36.5	54.7

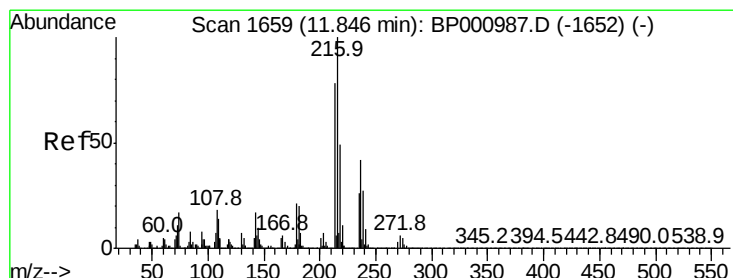
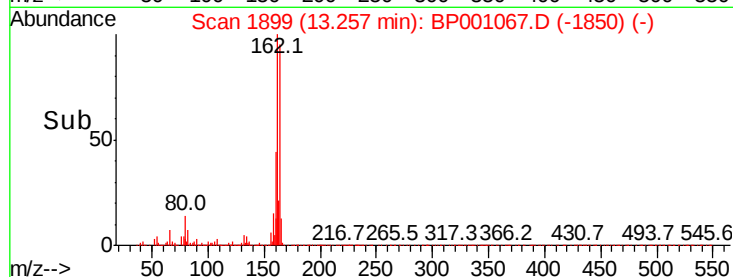
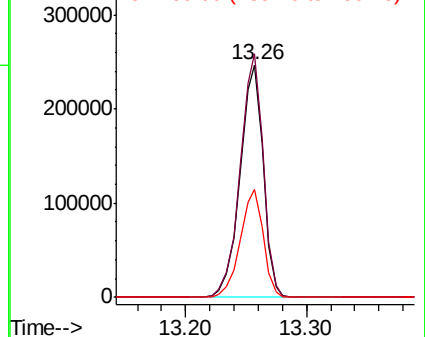


Abundance

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: 47.787 ng

RT: 11.83 min Scan# 1657

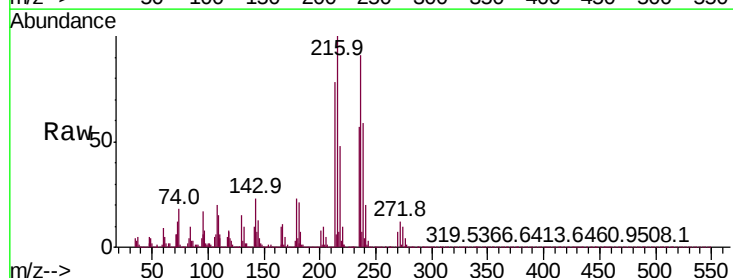
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:216 Resp: 523231

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	22.5	16.8	25.2
108	20.8	14.6	21.8



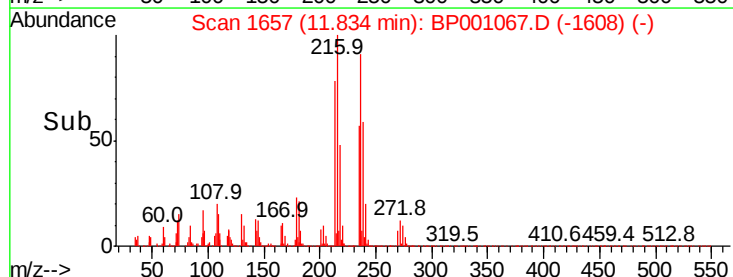
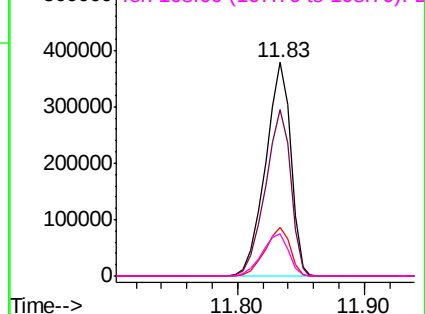
Abundance

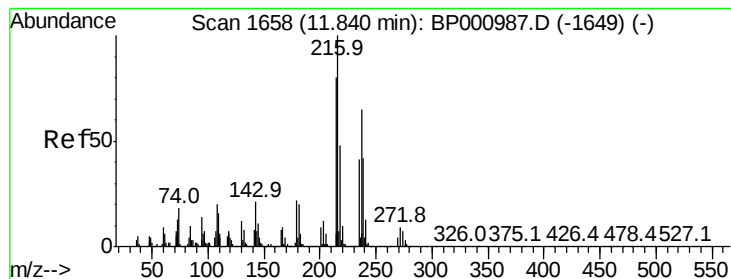
Ion 216.00 (215.70 to 216.70): E

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: 108.671 ng

RT: 11.83 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

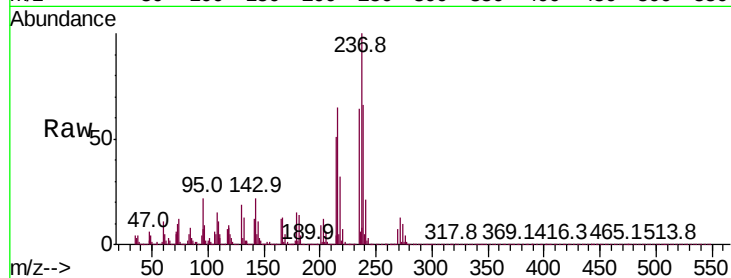
Tot Ion:237 Resp: 596070

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

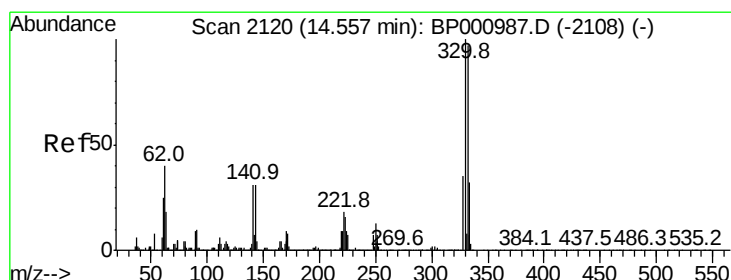
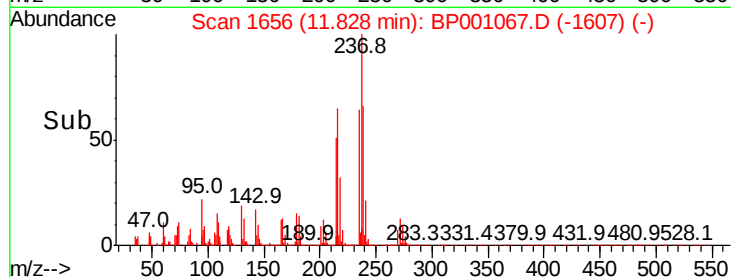
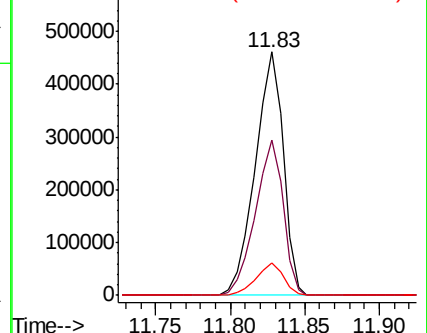
272 13.4 0.0 33.1



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: 168.374 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

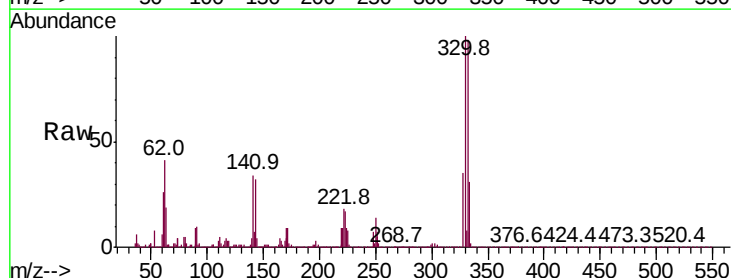
Tgt Ion:330 Resp: 660942

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

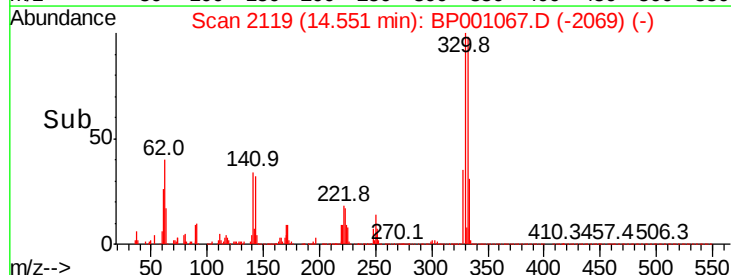
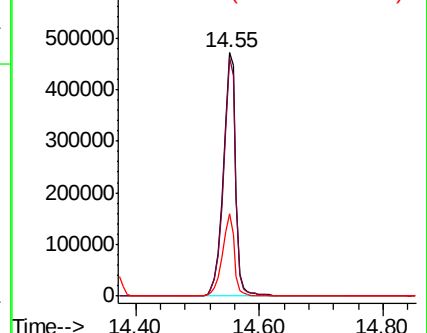
141 32.2 25.0 37.4

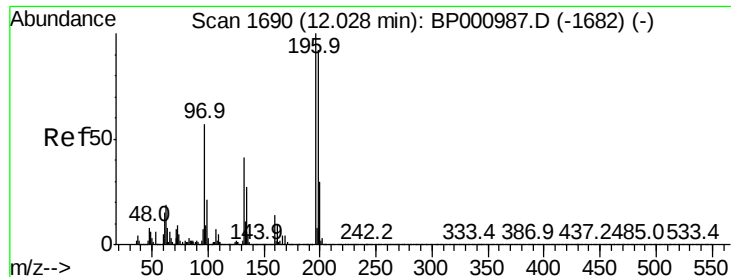


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

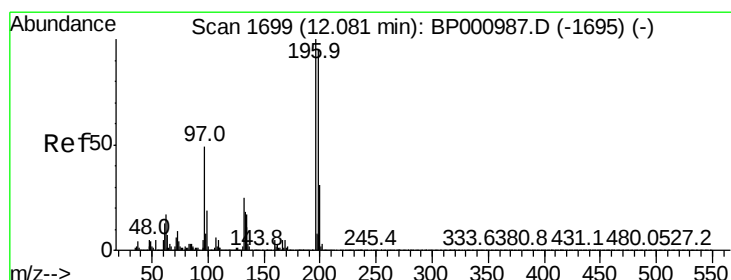
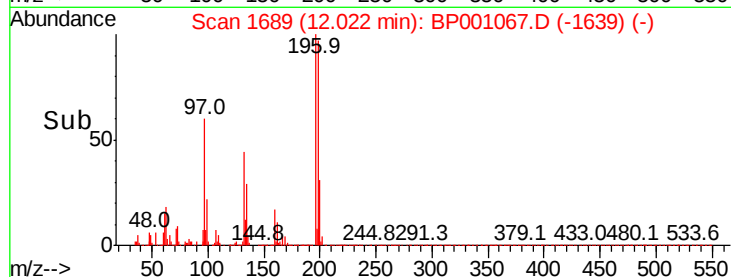
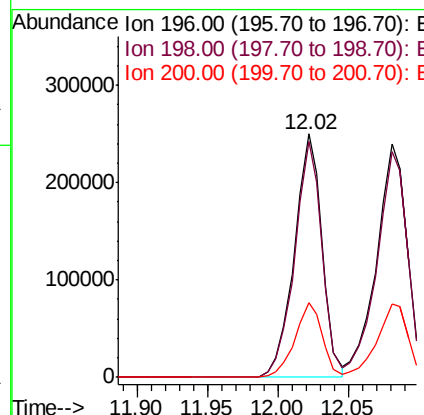
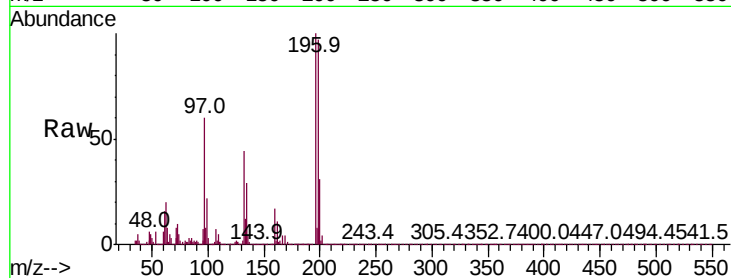




#43
2,4,6-Trichlorophenol
Concen: 51.478 ng
RT: 12.02 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

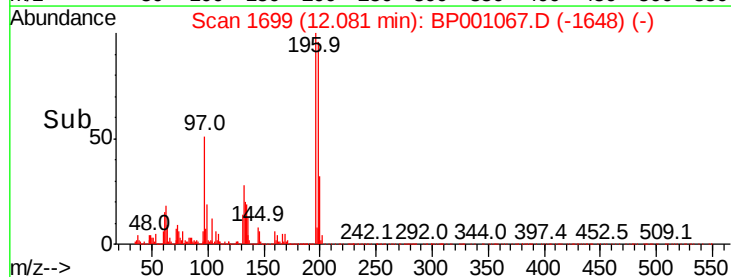
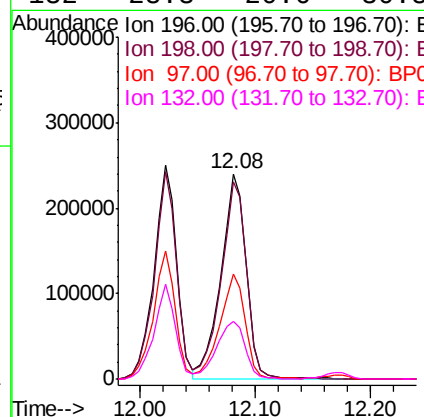
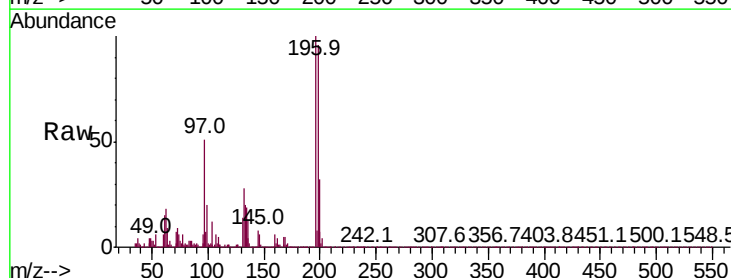
Instrument :
BNA_P
ClientSampleId :

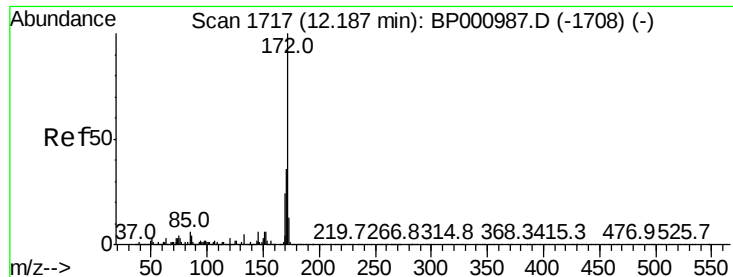
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.0	111.0
200	30.7	24.2	36.4



#44
2,4,5-Trichlorophenol
Concen: 51.427 ng
RT: 12.08 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
97	51.4	39.1	58.7
132	28.3	20.6	30.8



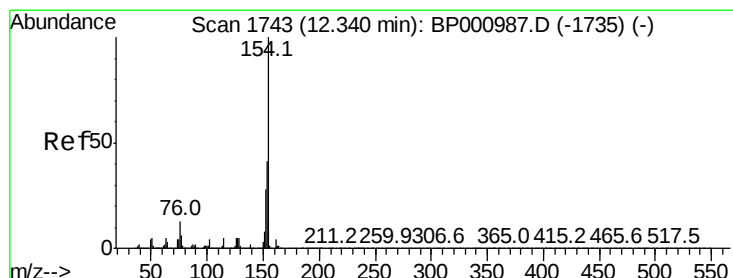
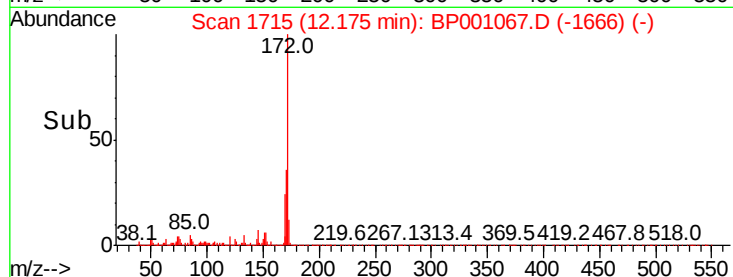
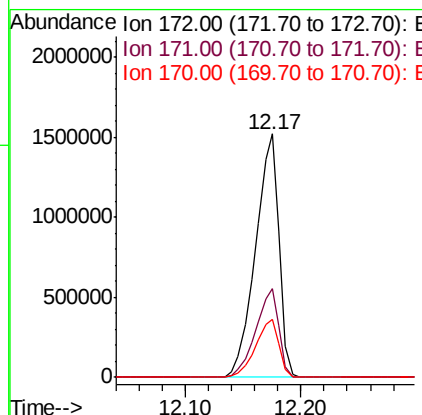
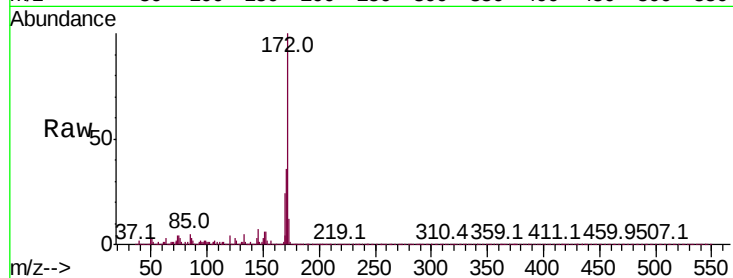


#45
2-Fluorobiphenyl
Concen: 98.392 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 2148209

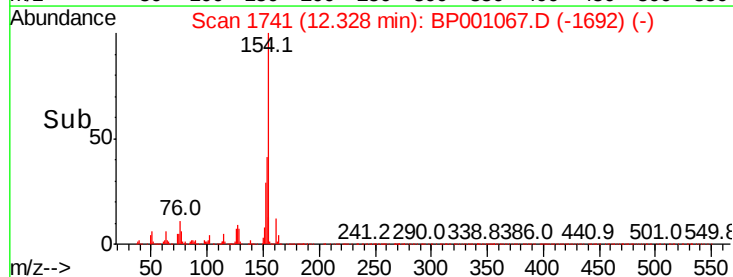
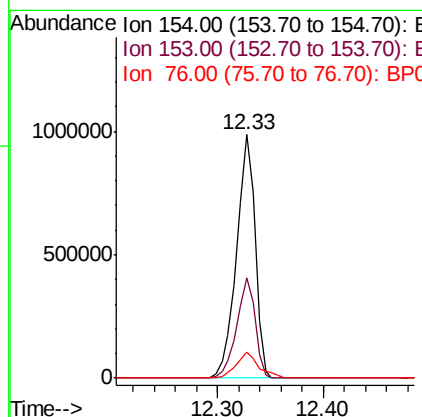
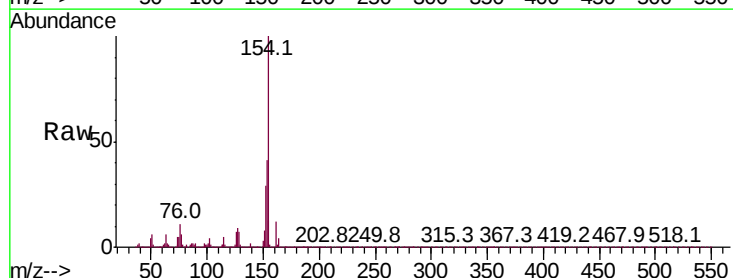
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.9	18.9	28.3

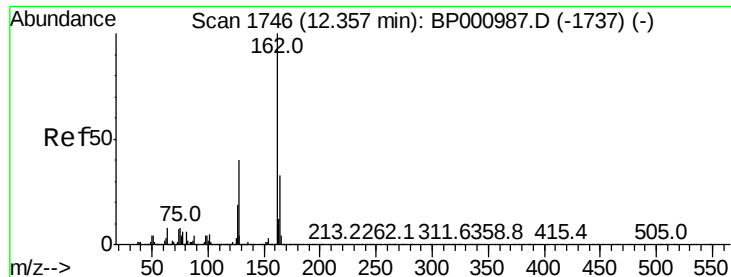


#46
1,1'-Biphenyl
Concen: 48.253 ng
RT: 12.33 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:154 Resp: 1186405

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	10.9	0.0	32.5





#47

2-Chloronaphthalene

Concen: 46.718 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

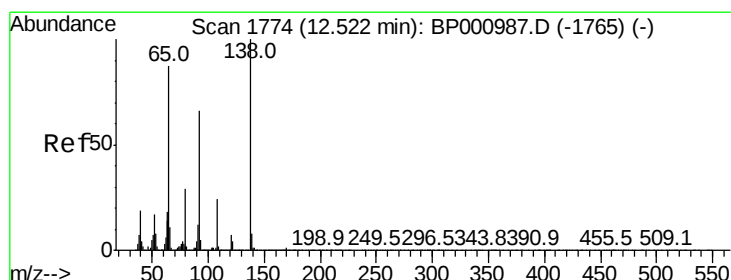
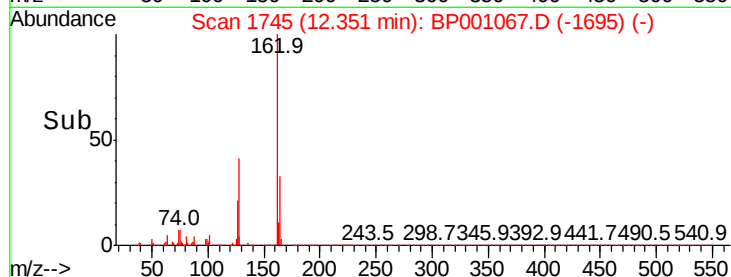
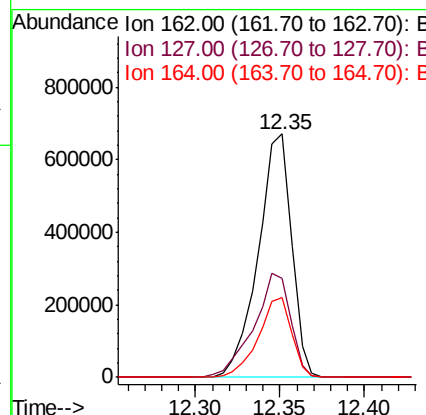
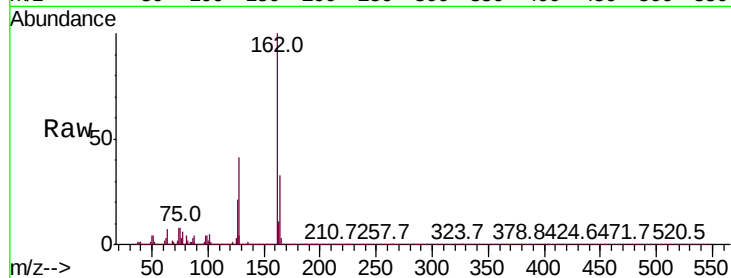
Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 162 Resp: 924695

Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.1	48.1
164	32.7	26.1	39.1



#48

2-Nitroaniline

Concen: 46.203 ng

RT: 12.52 min Scan# 1773

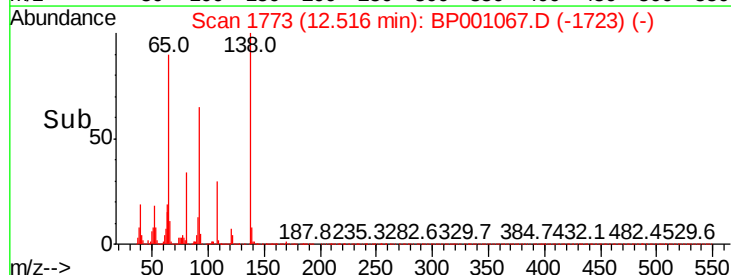
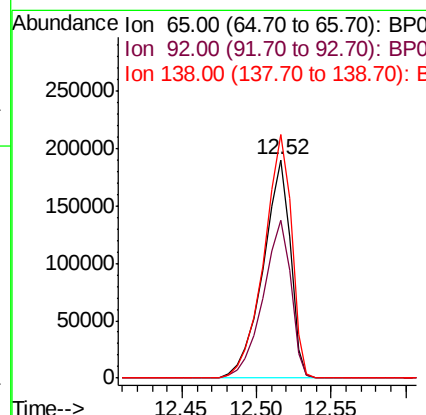
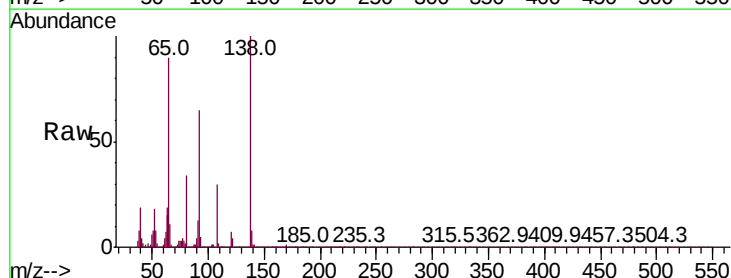
Delta R.T. -0.01 min

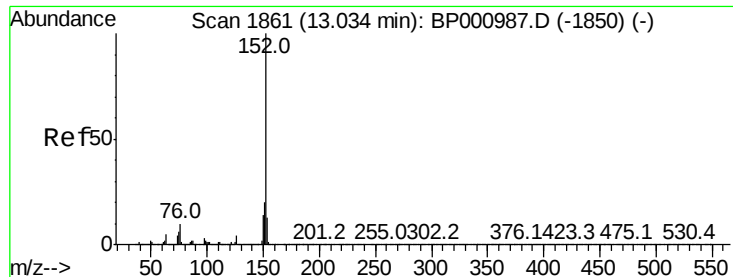
Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion: 65 Resp: 239373

Ion	Ratio	Lower	Upper
65	100		
92	72.4	61.4	92.2
138	111.7	92.5	138.7





#49

Acenaphthylene

Concen: 47.425 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

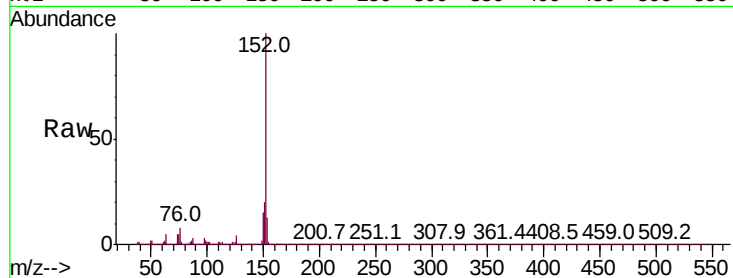
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1427042

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	12.7	10.6	16.0

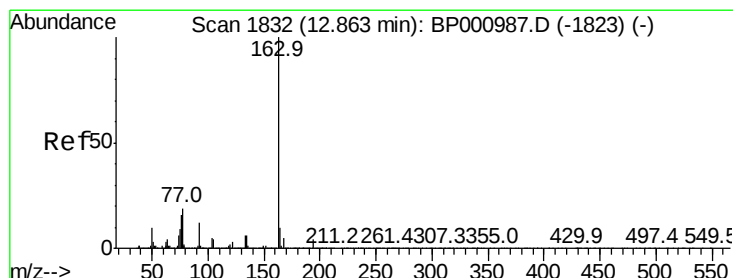
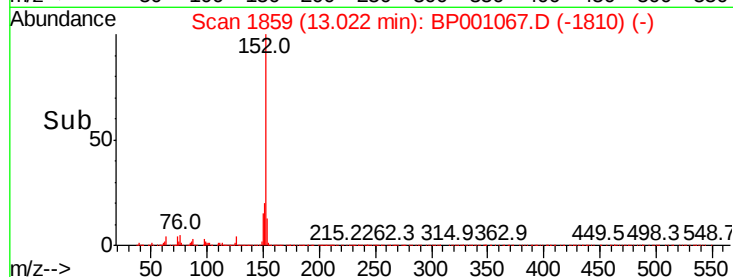
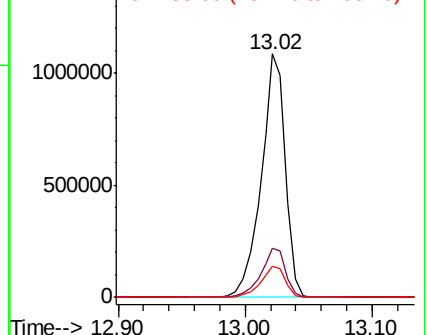


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.429 ng

RT: 12.85 min Scan# 1830

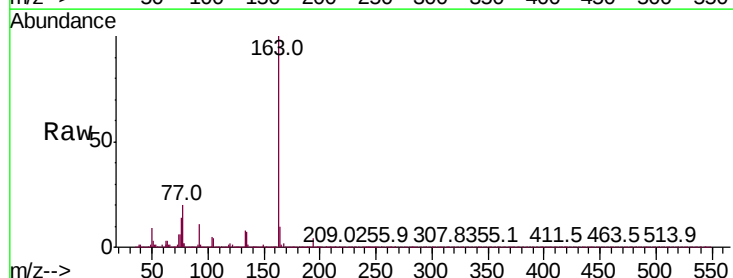
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:163 Resp: 1323444

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	7.9	11.9

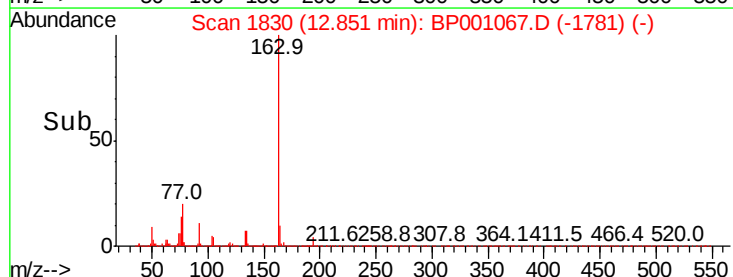
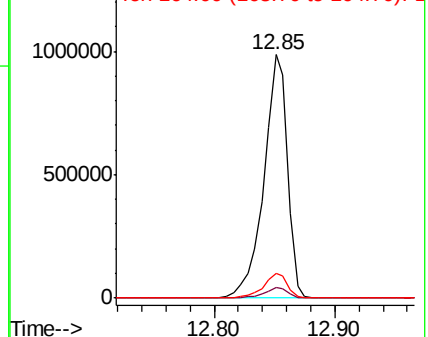


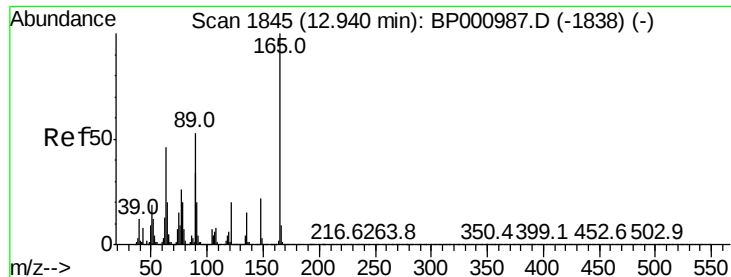
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

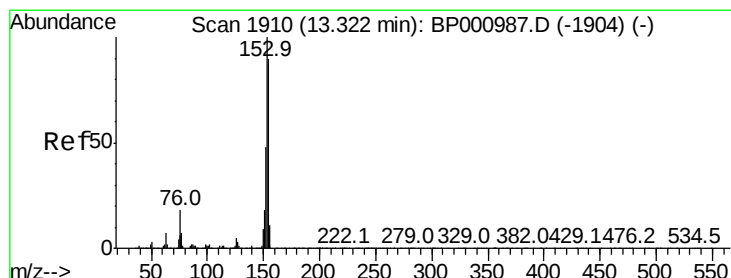
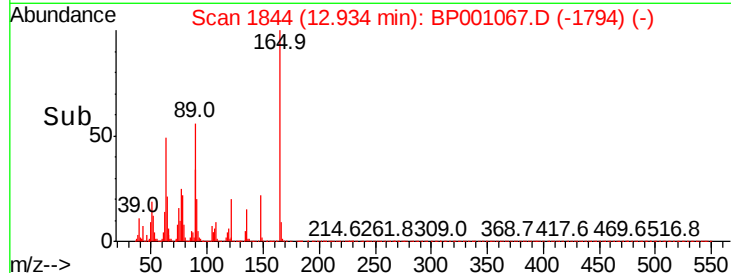
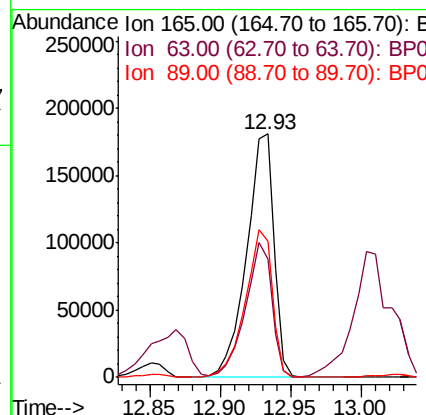
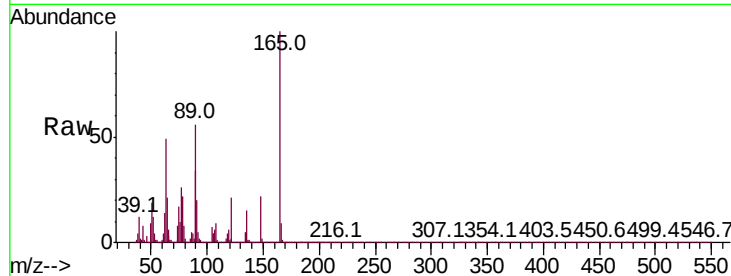




#51
 2,6-Dinitrotoluene
 Concen: 48.545 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

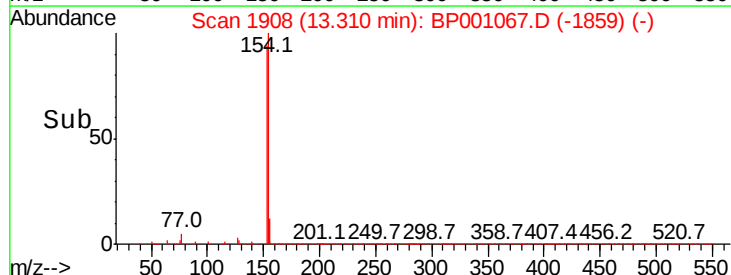
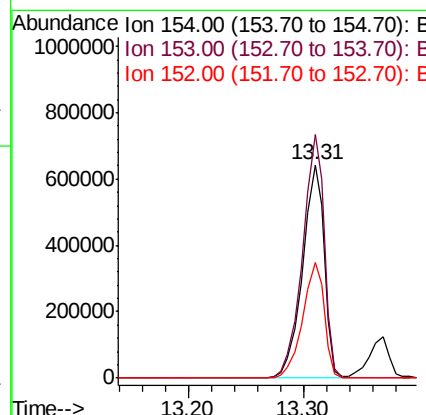
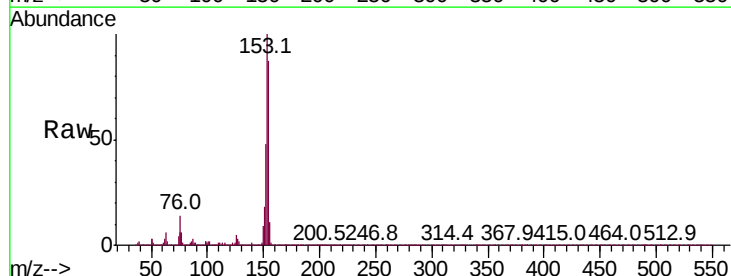
Instrument :
 BNA_P
 ClientSampled :

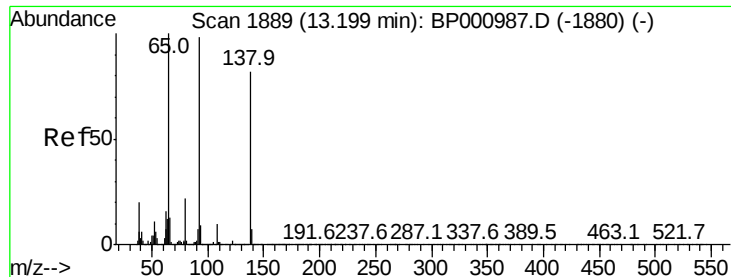
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	36.7	55.1
89	55.7	42.3	63.5



#52
 Acenaphthene
 Concen: 46.873 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.9	133.3
152	54.4	42.4	63.6





#53

3-Nitroaniline

Concen: 17.563 ng

RT: 13.19 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

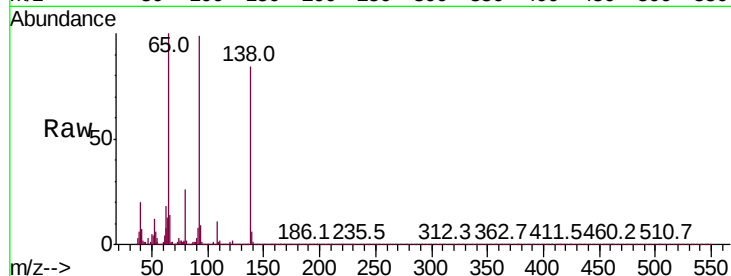
Tot Ion:138 Resp: 97159

Ion Ratio Lower Upper

138 100

108 12.5 10.1 15.1

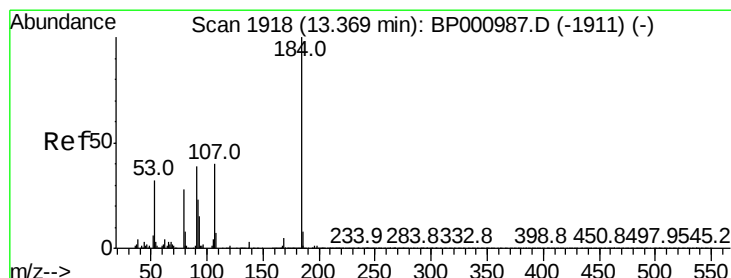
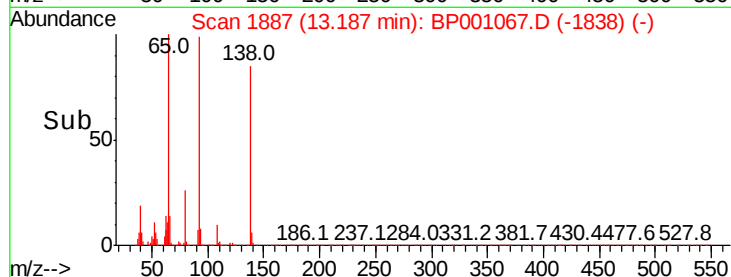
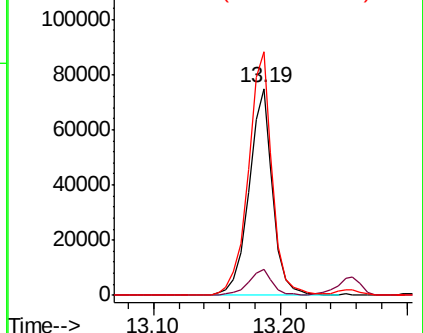
92 117.9 95.4 143.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 119.127 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

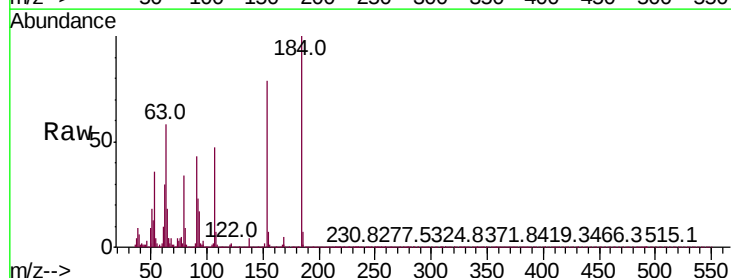
Tgt Ion:184 Resp: 193367

Ion Ratio Lower Upper

184 100

63 58.4 41.0 61.6

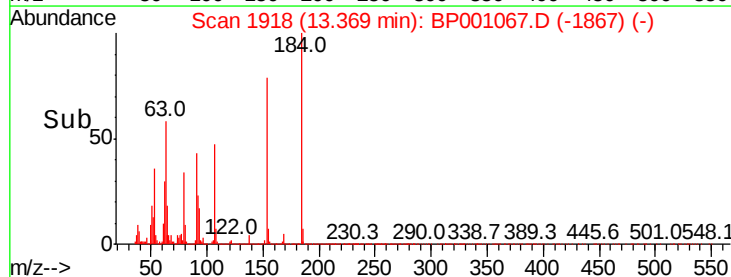
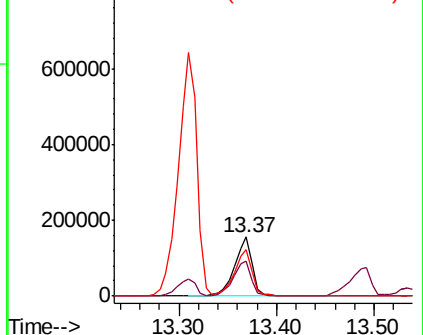
154 79.2 48.1 72.1#

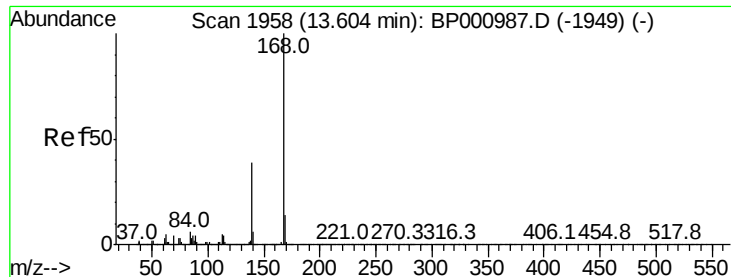


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 47.251 ng

RT: 13.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampled :

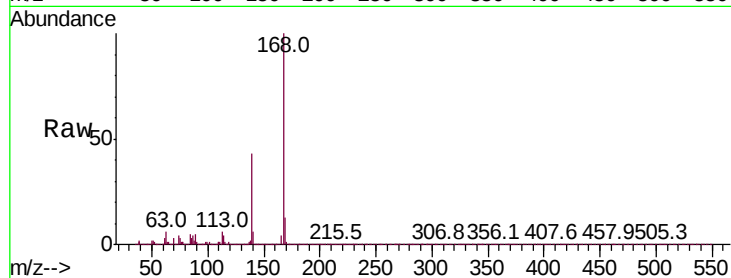
Tot Ion:168 Resp: 1328259

Ion	Ratio	Lower	Upper
168	100		
139	42.9	30.9	46.3
169	13.2	10.9	16.3

168 100

139 42.9 30.9 46.3

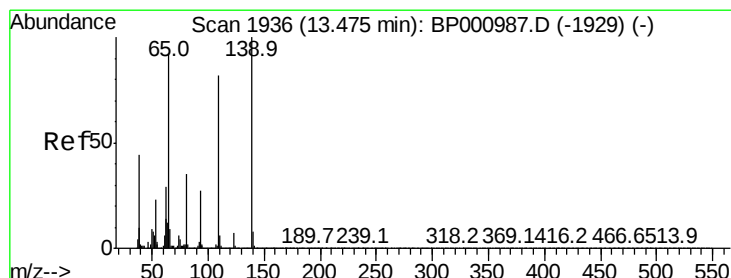
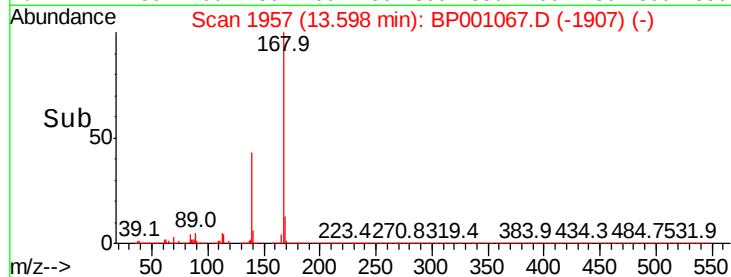
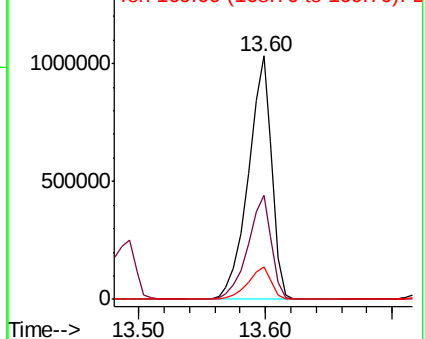
169 13.2 10.9 16.3



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: 96.756 ng

RT: 13.49 min Scan# 1939

Delta R.T. 0.02 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

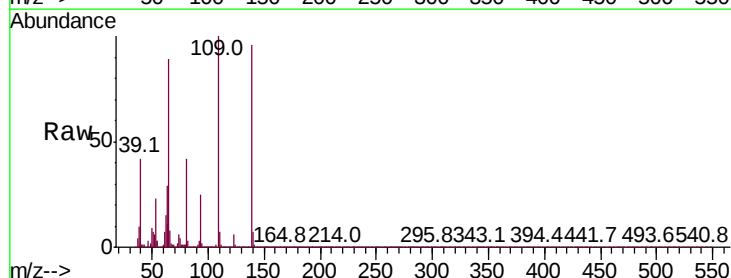
Tgt Ion:139 Resp: 372220

Ion	Ratio	Lower	Upper
139	100		
109	104.0	61.6	101.6#
65	92.1	72.0	112.0

139 100

109 104.0 61.6 101.6#

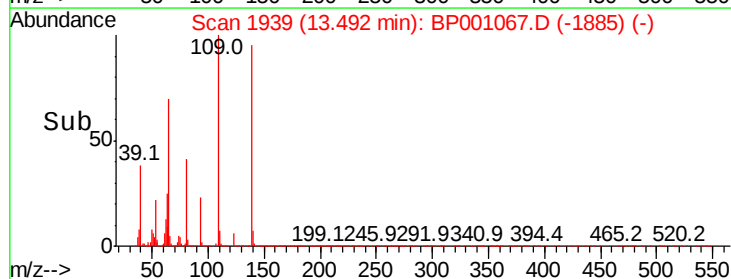
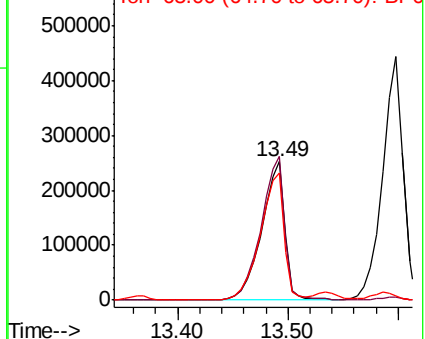
65 92.1 72.0 112.0

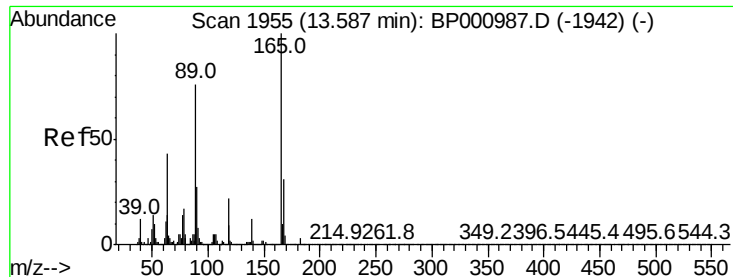


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

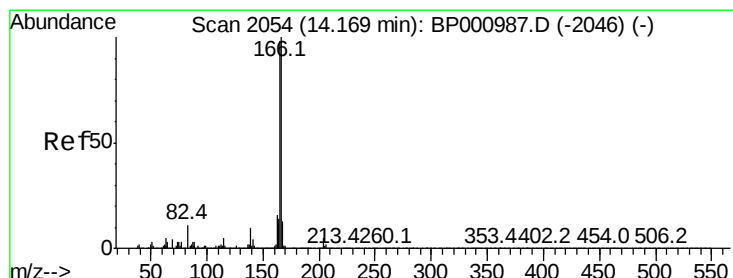
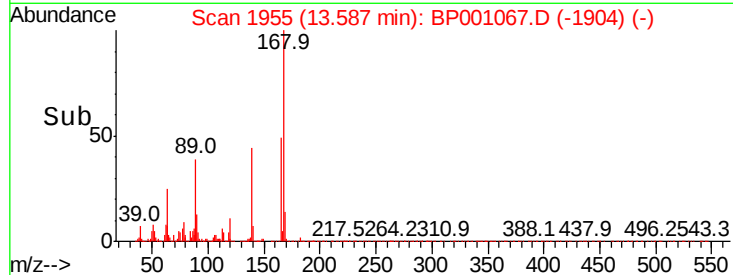
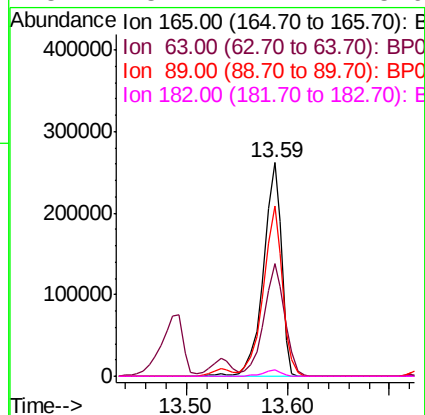
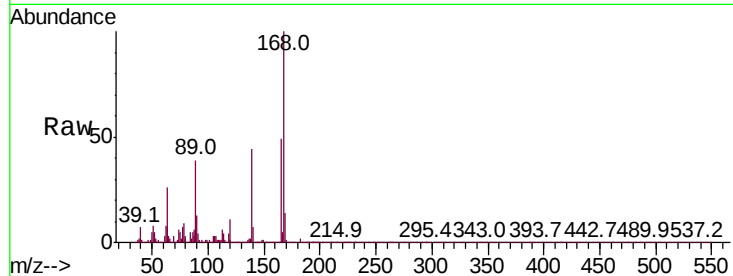




#57
2,4-Dinitrotoluene
Concen: 51.295 ng
RT: 13.59 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

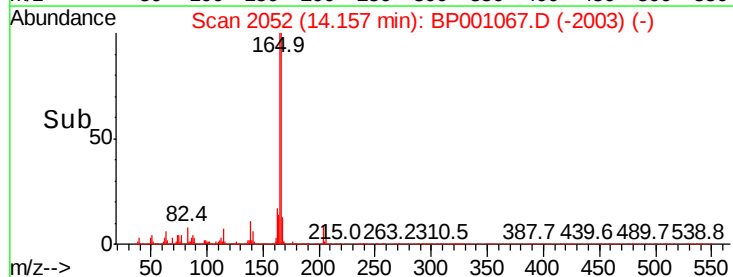
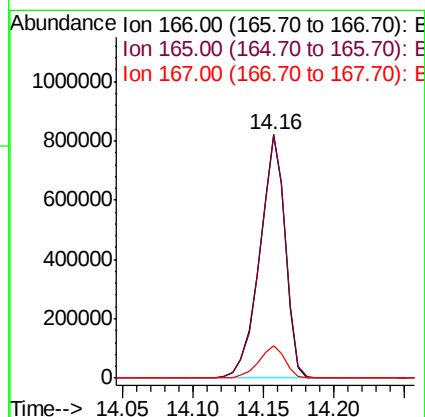
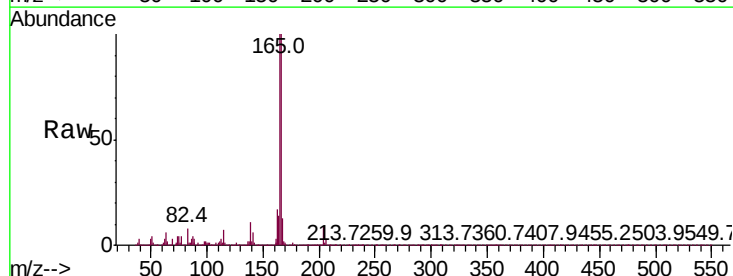
Instrument :
BNA_P
ClientSampleId :

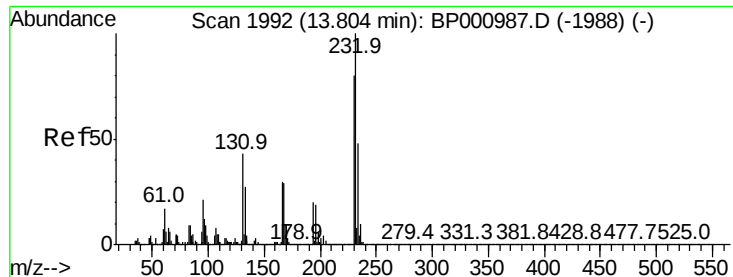
Tot Ion:	165	Resp:	326781
Ion	Ratio	Lower	Upper
165	100		
63	52.6	34.3	51.5#
89	79.5	60.5	90.7
182	3.2	2.4	3.6



#58
Fluorene
Concen: 46.638 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:	166	Resp:	1043395
Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.2	117.2
167	13.3	10.7	16.1

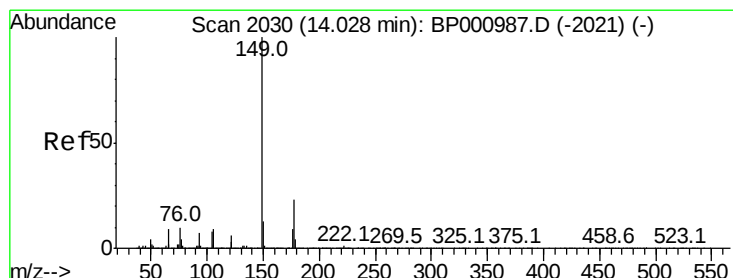
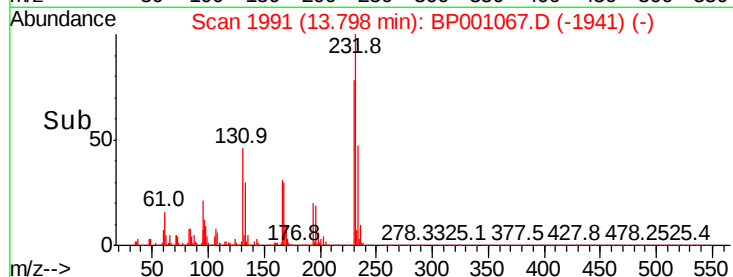
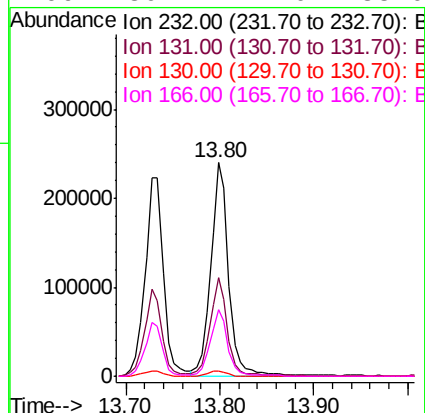
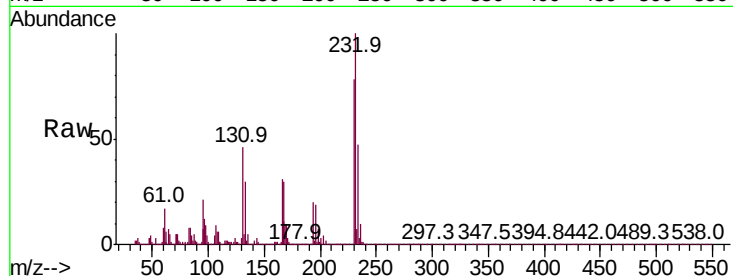




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.095 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

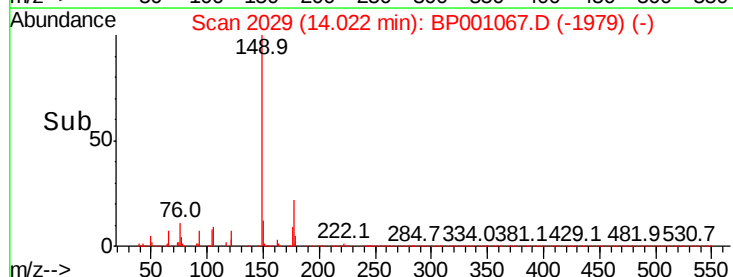
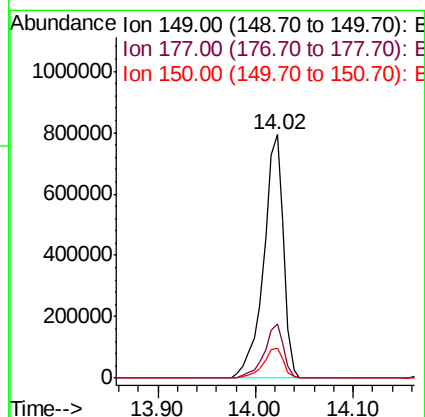
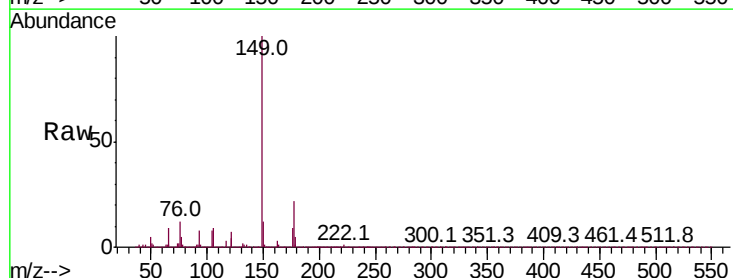
Instrument :
BNA_P
ClientSampleId :

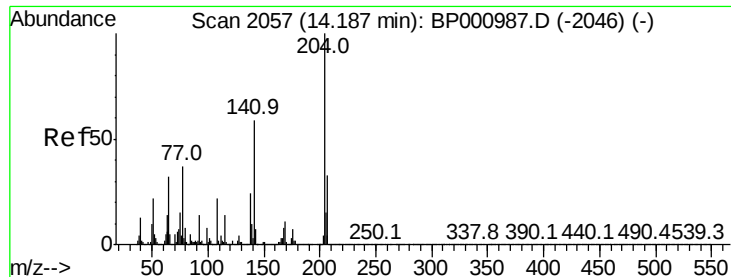
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.9	32.2	48.2
130	2.7	1.7	2.5#
166	30.7	22.0	33.0



#60
Diethylphthalate
Concen: 46.108 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.5	27.7
150	12.2	10.2	15.2

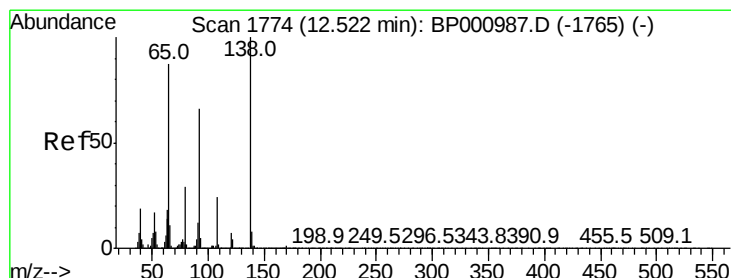
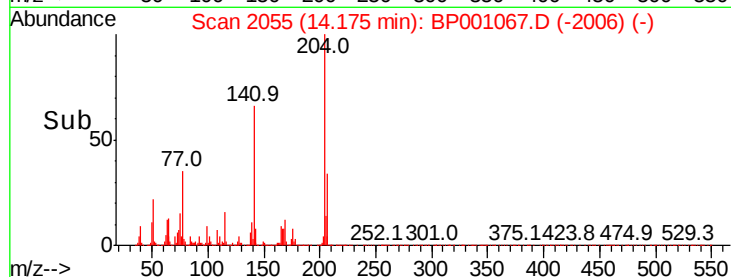
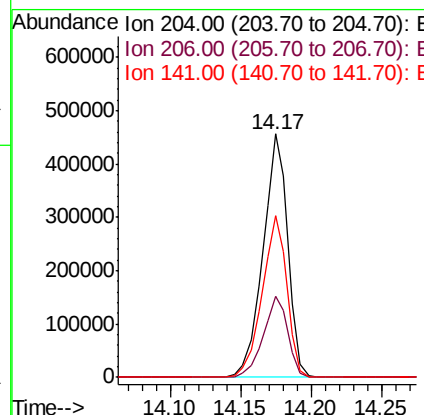
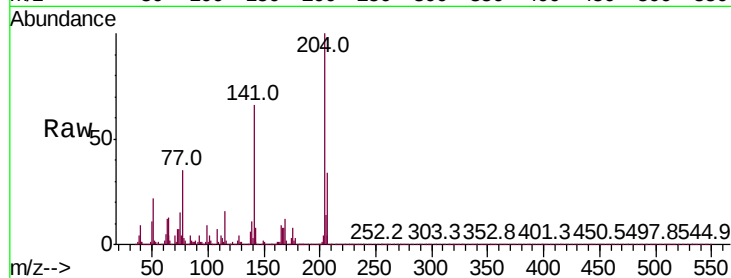




#61
4-Chlorophenyl-phenylether
Concen: 47.447 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

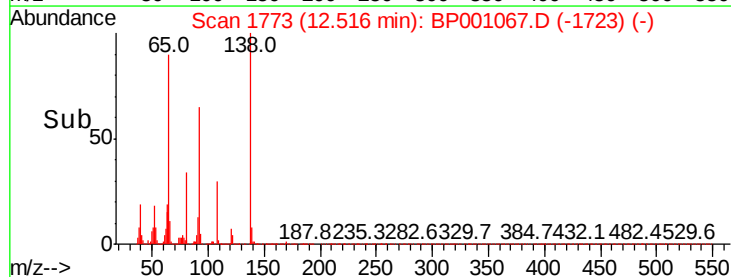
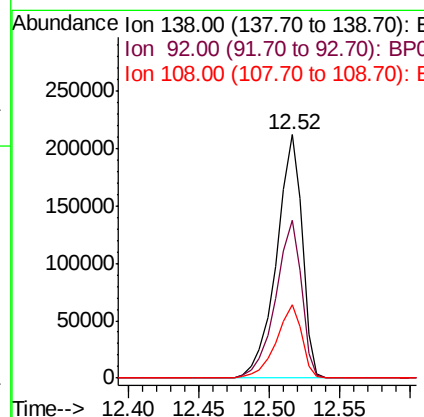
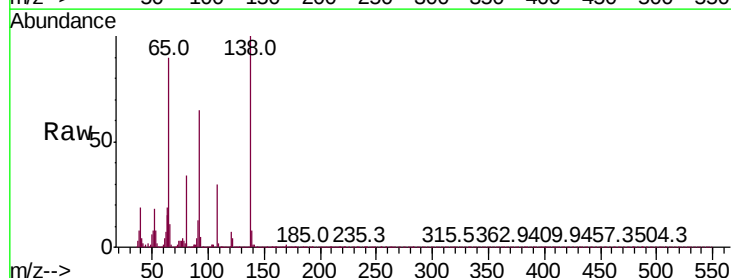
Instrument :
BNA_P
ClientSampleId :

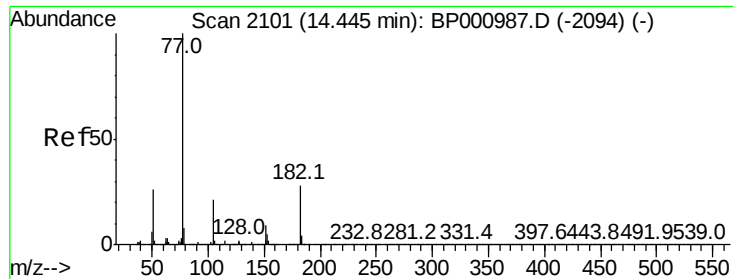
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	66.3	46.9	70.3



#62
4-Nitroaniline
Concen: 45.613 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.8	46.4	86.4
108	29.9	3.9	43.9

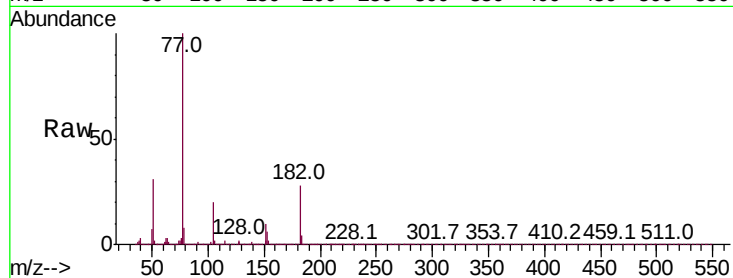




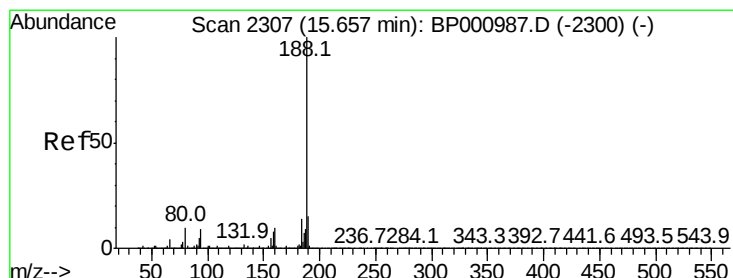
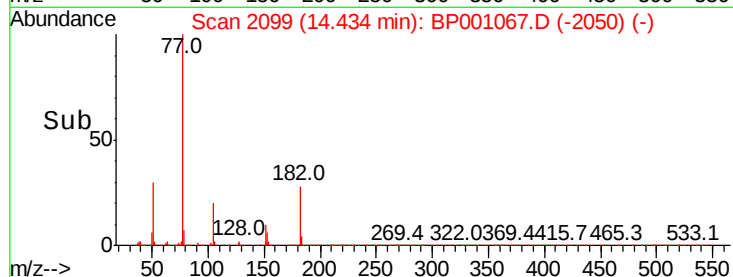
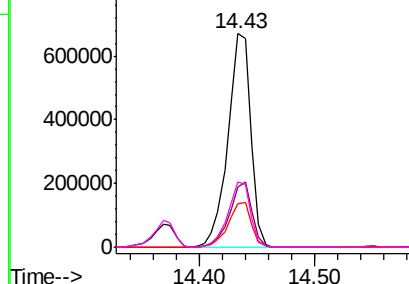
#63
Azobenzene
Concen: 42.881 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	916606
Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.4	48.4
105	20.3	1.0	41.0
51	30.6	6.0	46.0

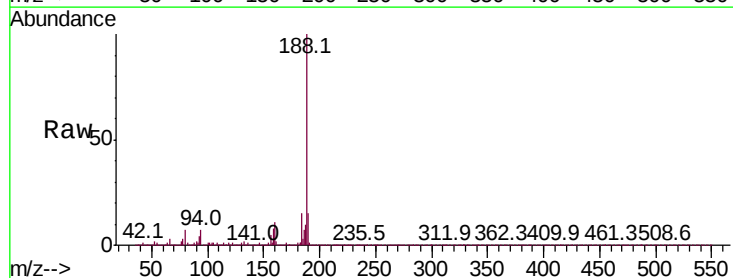


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

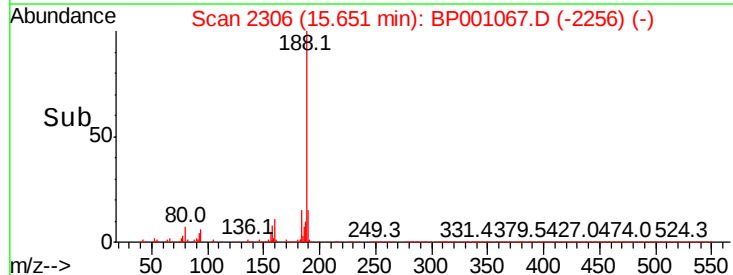
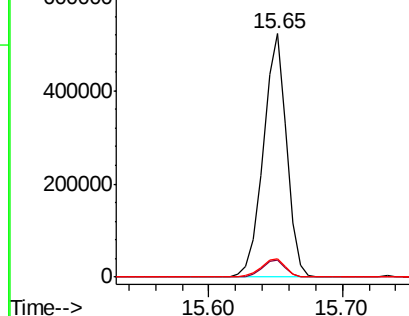


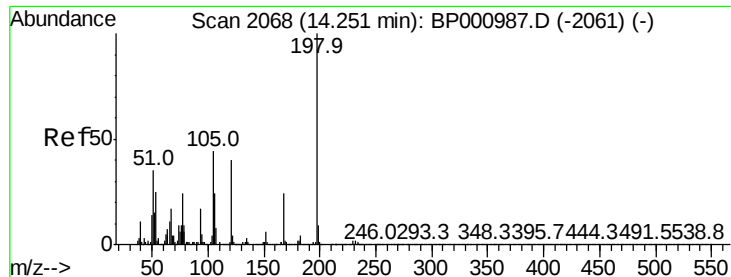
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:	188	Resp:	621500
Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.4	11.2#
80	7.3	7.9	11.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

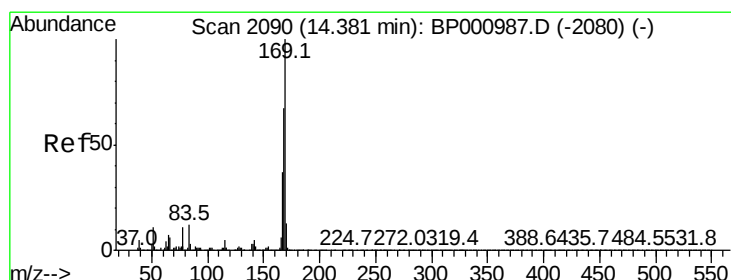
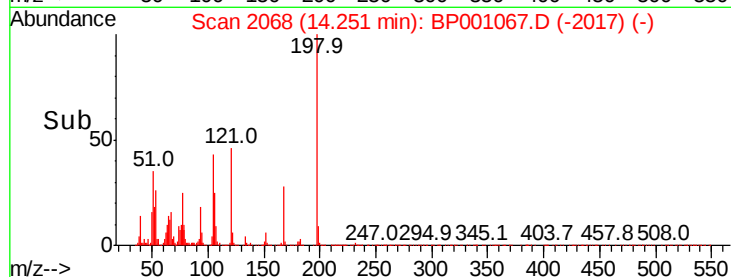
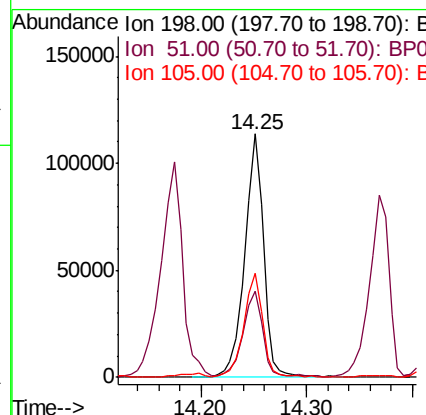
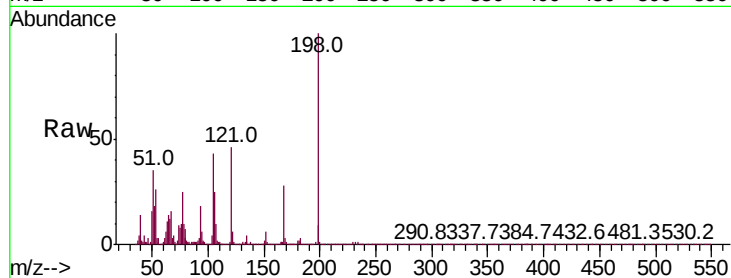




#65
4,6-Dinitro-2-methylphenol
Concen: 66.557 ng
RT: 14.25 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

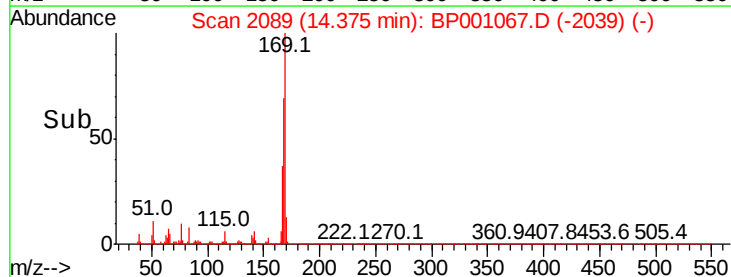
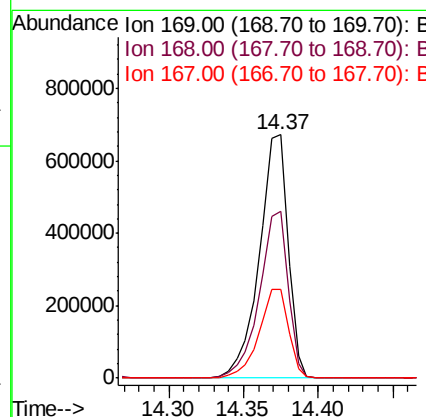
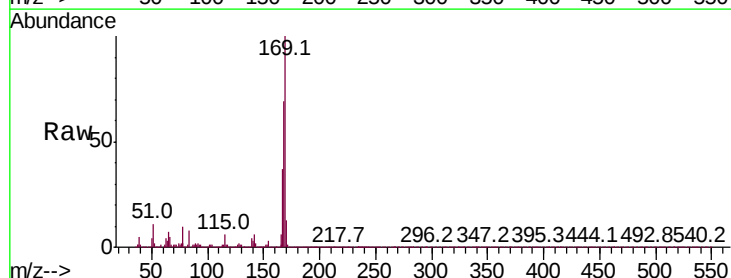
Instrument :
BNA_P
ClientSampled :

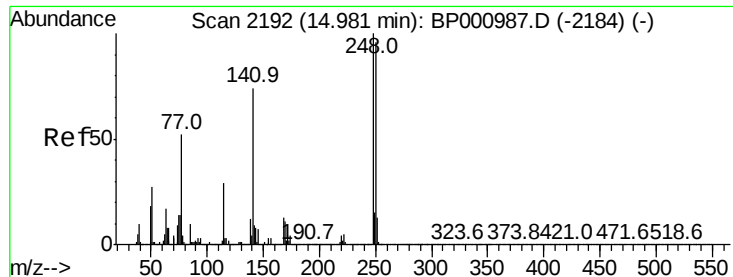
Tot Ion:198 Resp: 139449
Ion Ratio Lower Upper
198 100
51 35.4 16.0 56.0
105 42.8 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 49.882 ng
RT: 14.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:169 Resp: 891362
Ion Ratio Lower Upper
169 100
168 68.7 53.3 79.9
167 36.6 29.4 44.2

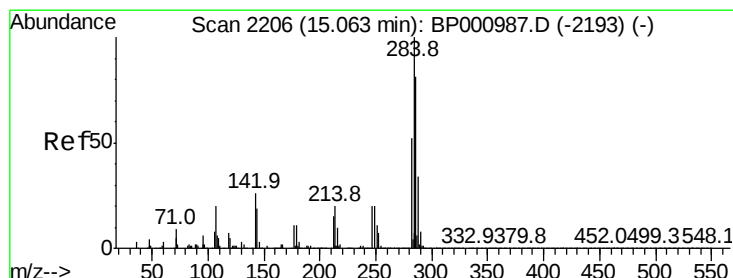
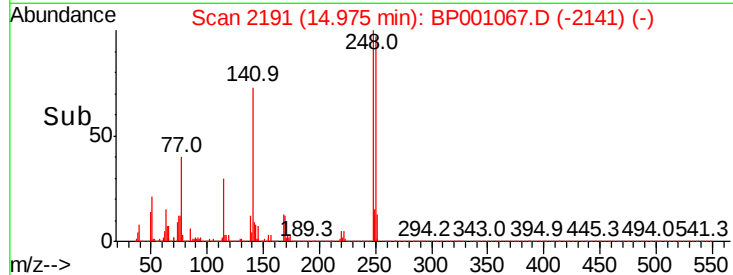
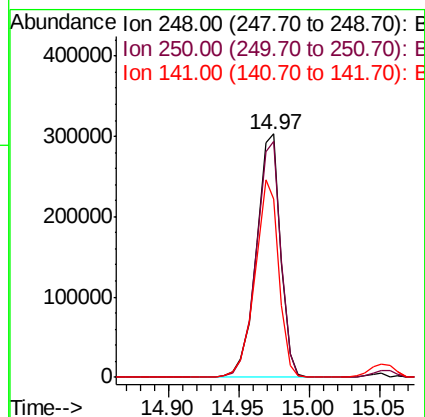
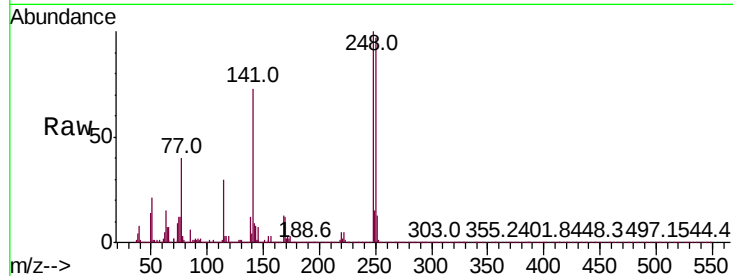




#67
4-Bromophenyl-phenylether
Concen: 50.042 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

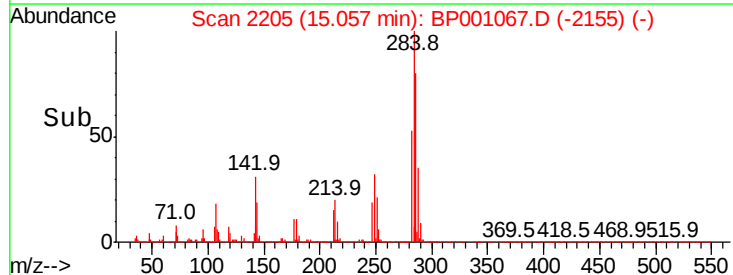
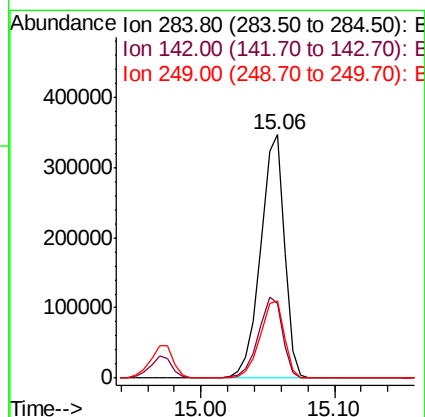
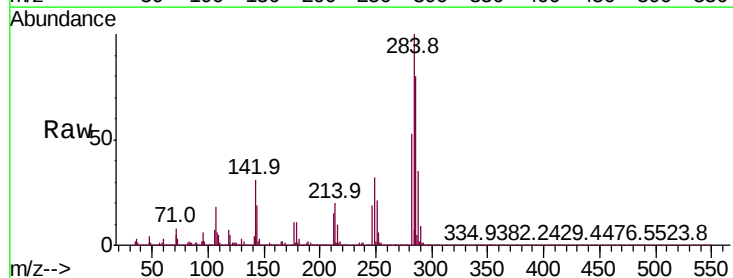
Instrument :
BNA_P
ClientSampleId :

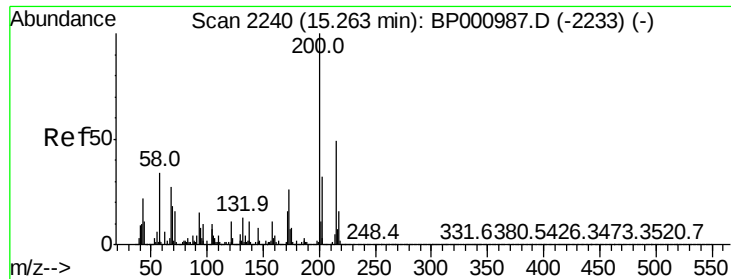
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	73.3	59.4	89.0



#68
Hexachlorobenzene
Concen: 49.976 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	25.8	38.8
249	31.6	25.4	38.0

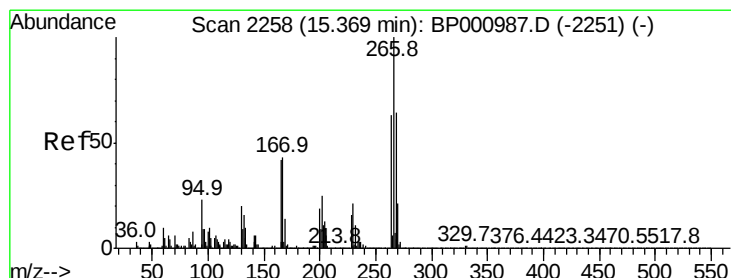
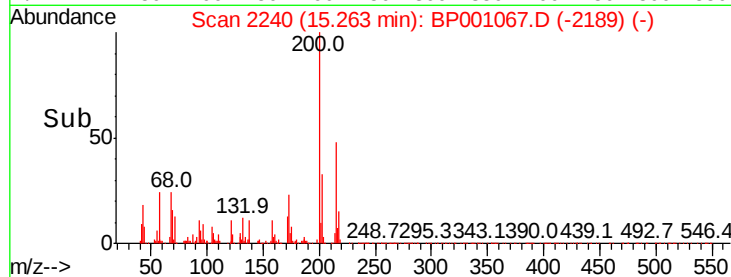
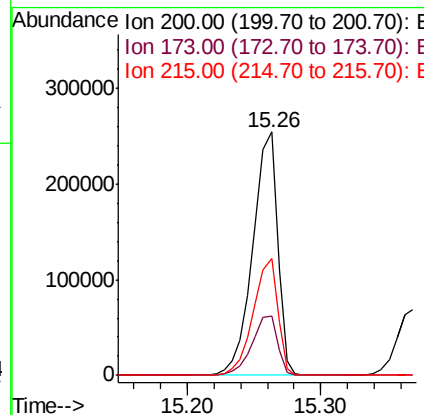
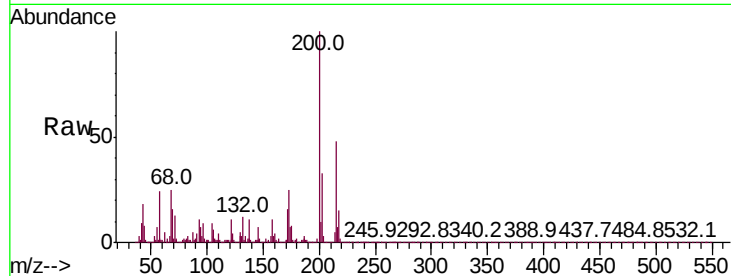




#69
 Atrazine
 Concen: 49.796 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

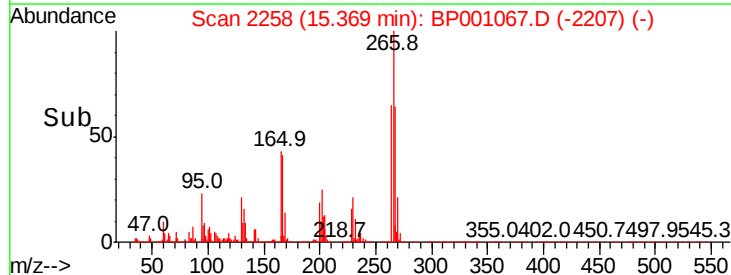
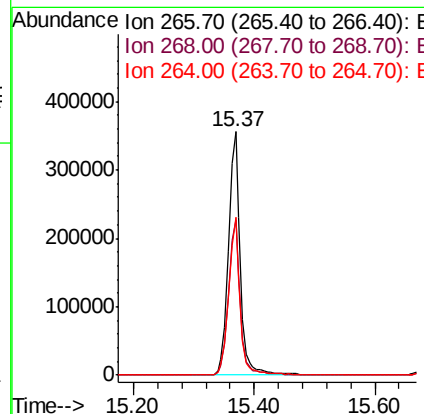
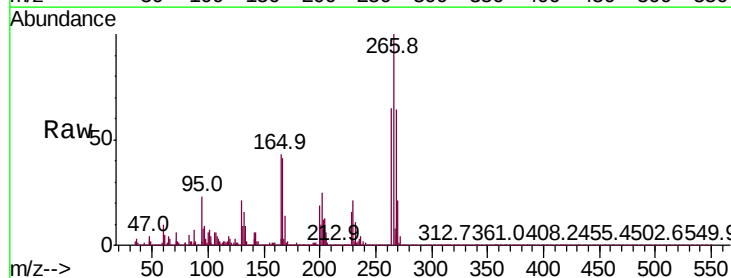
Instrument :
 BNA_P
 ClientSampleId :

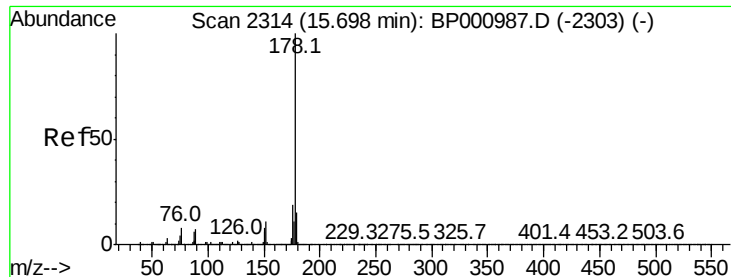
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	5.8	45.8
215	48.2	28.6	68.6



#70
 Pentachlorophenol
 Concen: 128.843 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BP001067.D
 Acq: 18 Nov 2019 18:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.9	76.3
264	64.6	50.6	76.0

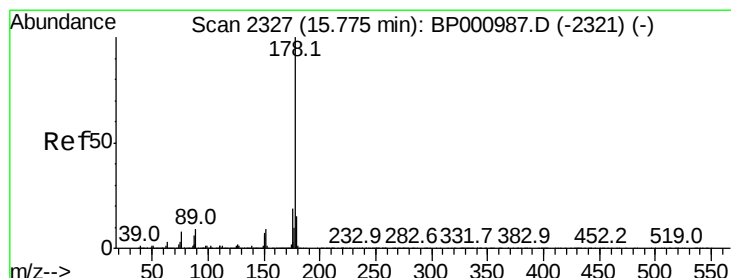
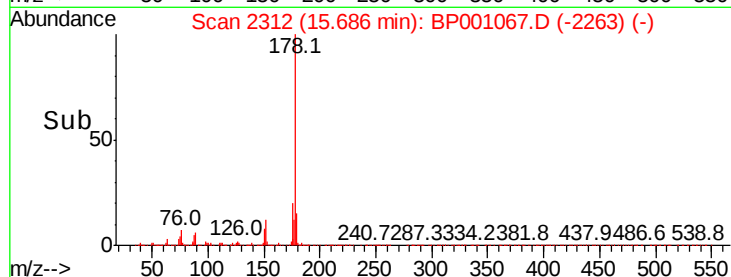
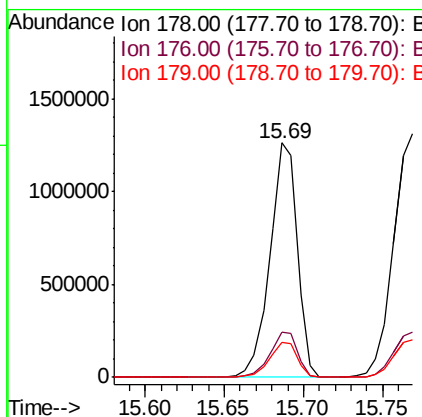
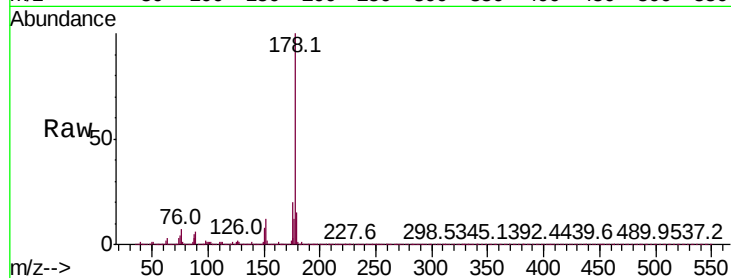




#71
Phenanthrene
Concen: 47.838 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

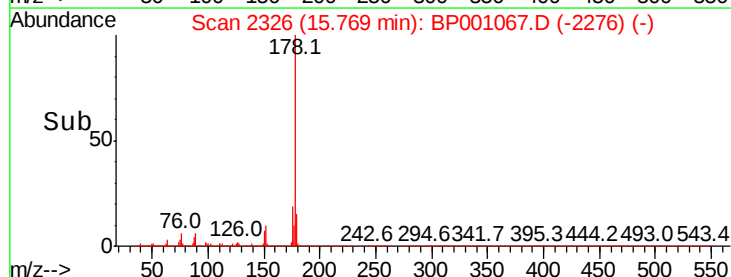
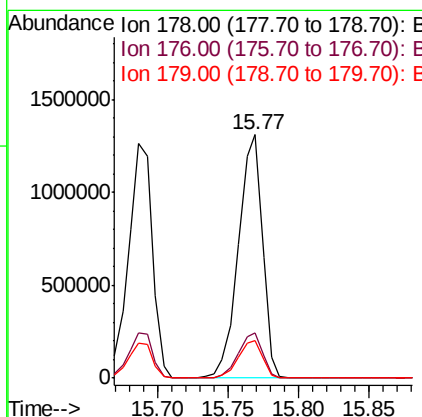
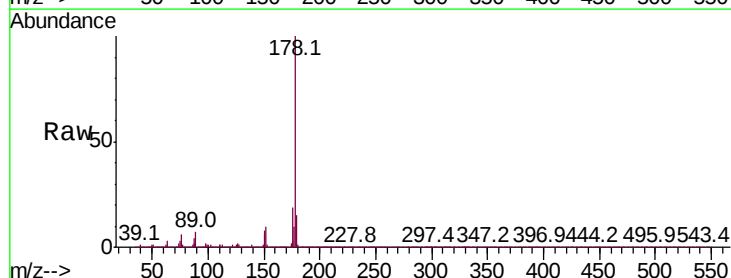
Instrument :
BNA_P
ClientSampleId :

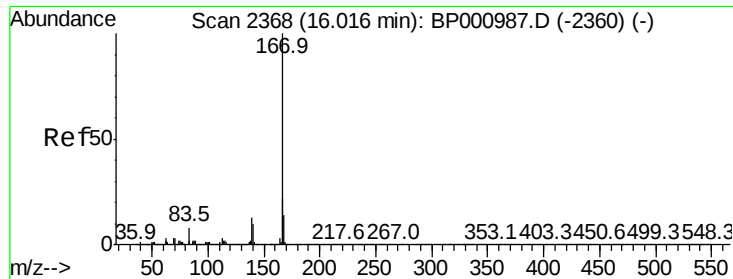
Tot Ion:178 Resp: 1521673
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.3 18.5



#72
Anthracene
Concen: 50.193 ng
RT: 15.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:178 Resp: 1557510
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.2 12.3 18.5





#73

Carbazole

Concen: 45.869 ng

RT: 16.01 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

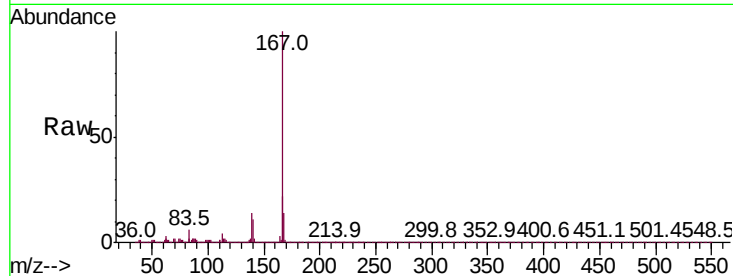
Tot Ion:167 Resp: 1304938

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

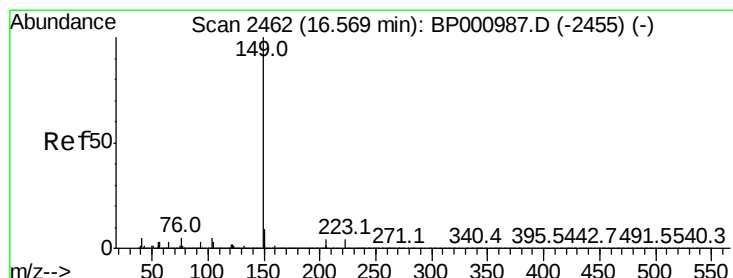
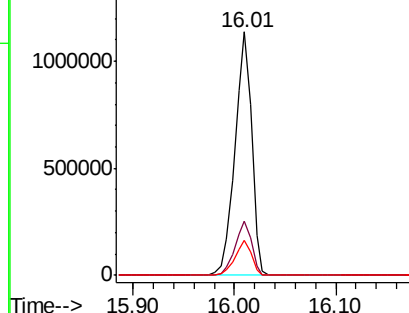
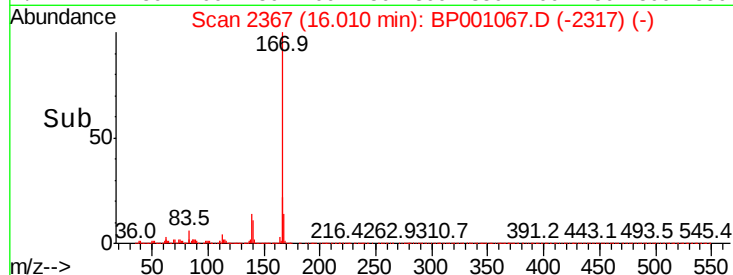
139 14.2 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.059 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

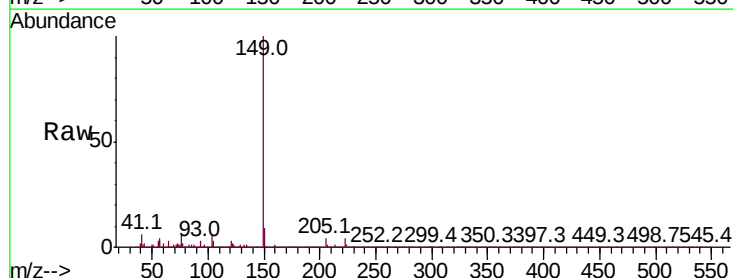
Tgt Ion:149 Resp: 1650106

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

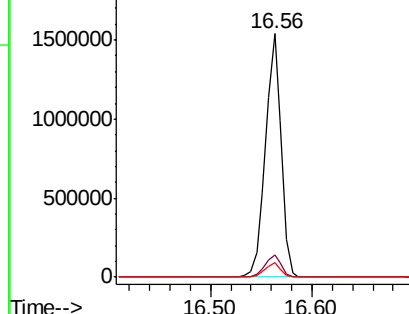
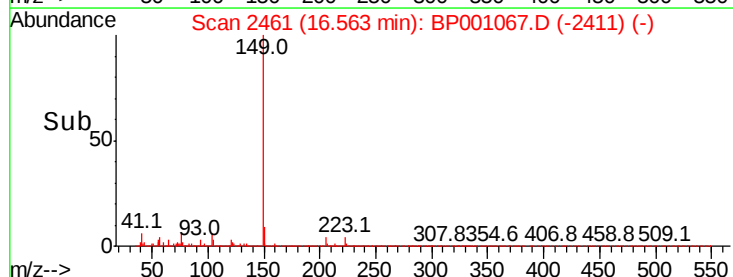
104 5.9 4.2 6.4

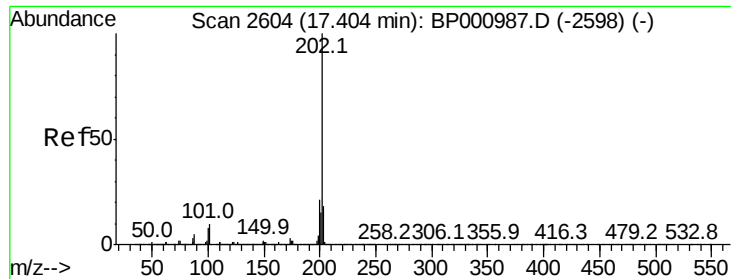


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.311 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

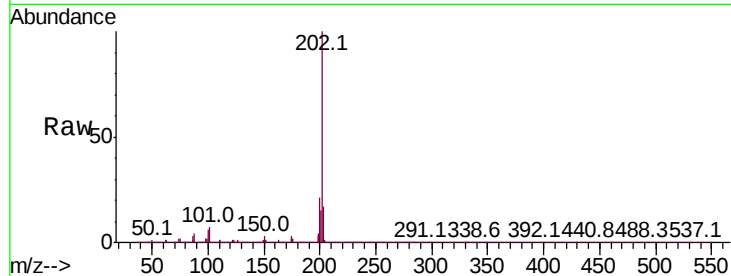
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 1701027

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	30.1
203	16.9	0.0	37.7

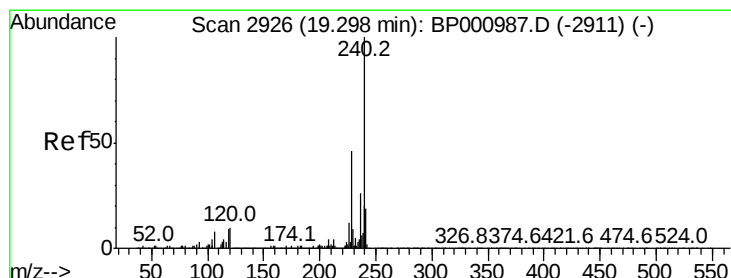
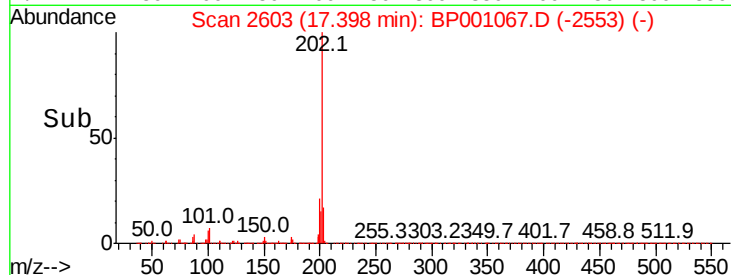
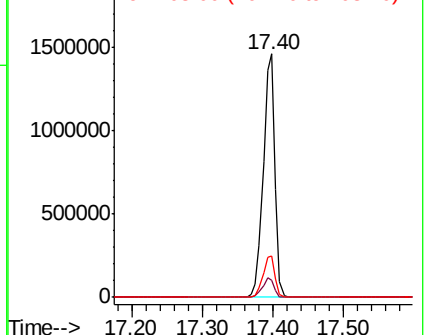


Abundance

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: 19.29 min Scan# 2925

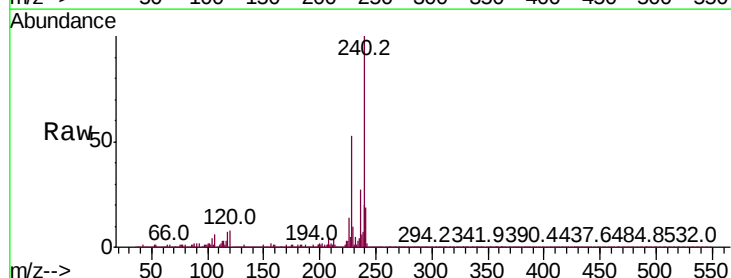
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:240 Resp: 521412

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	26.6	20.5	30.7

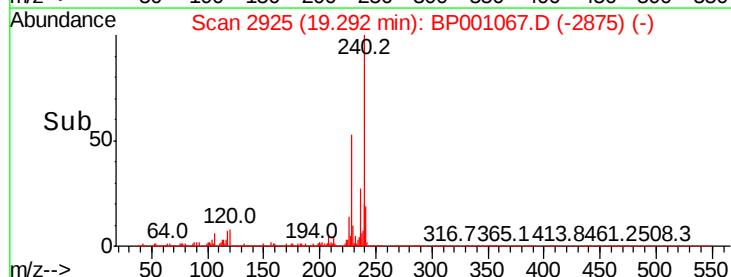
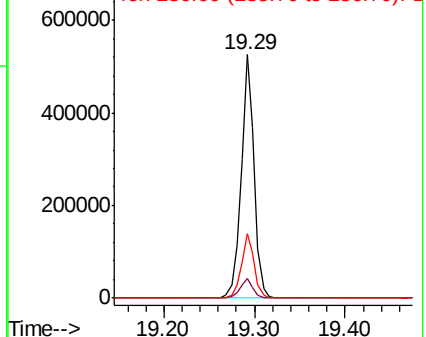


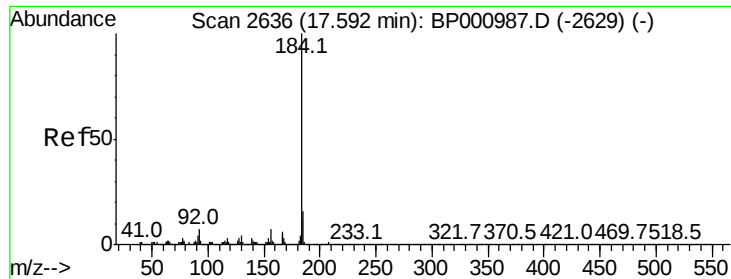
Abundance

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: 3.891 ng

RT: 17.58 min Scan# 2634

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

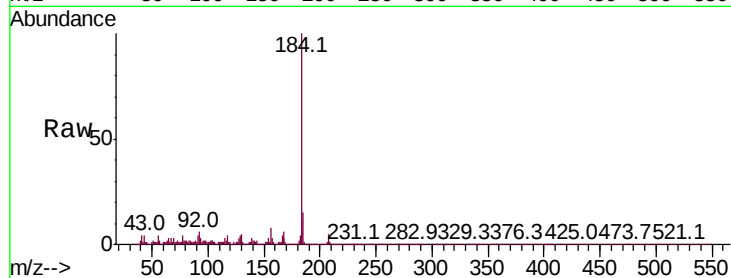
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 74707

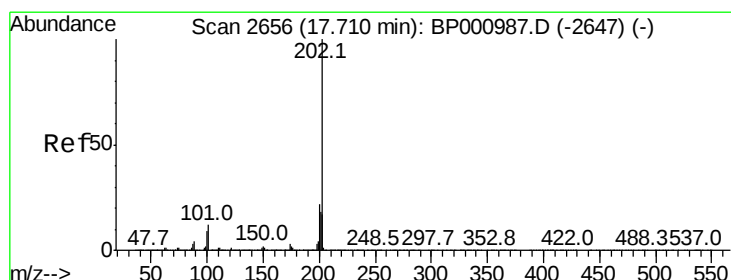
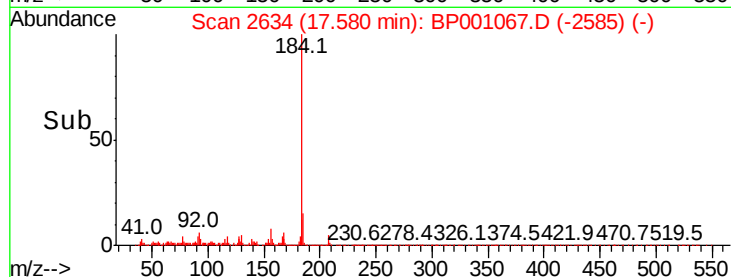
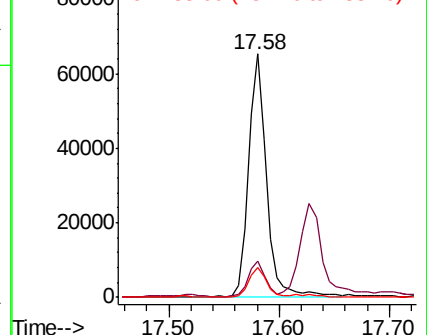
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.1	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.633 ng

RT: 17.70 min Scan# 2655

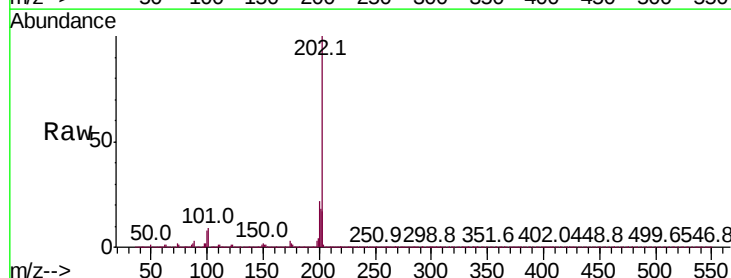
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:202 Resp: 1681526

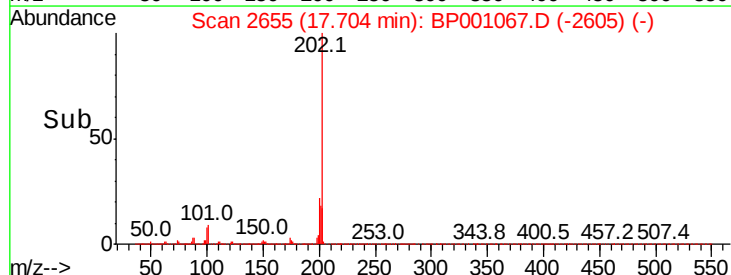
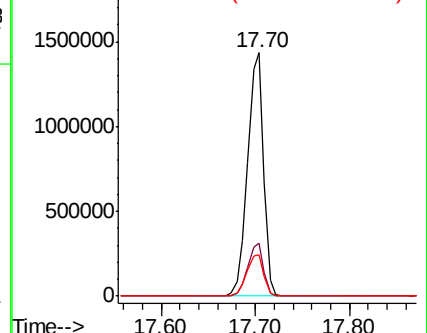
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.2	14.0	21.0

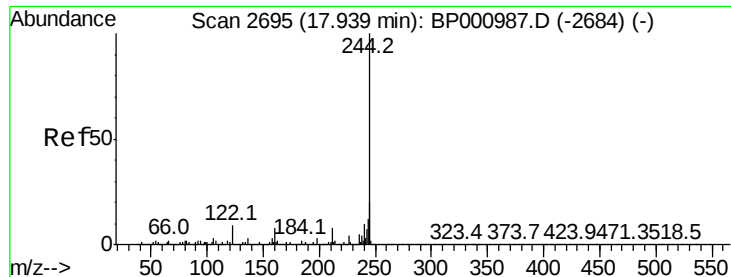


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.066 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

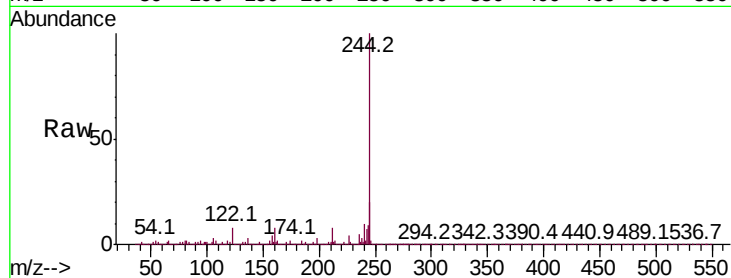
Tot Ion:244 Resp: 2675441

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

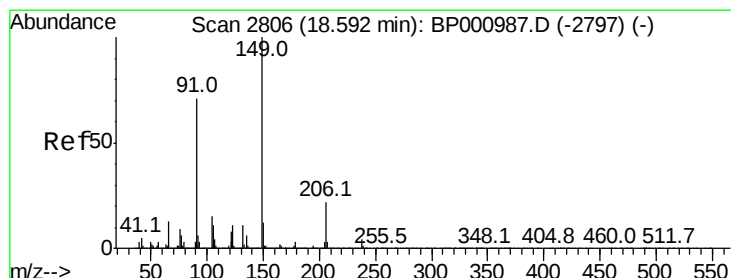
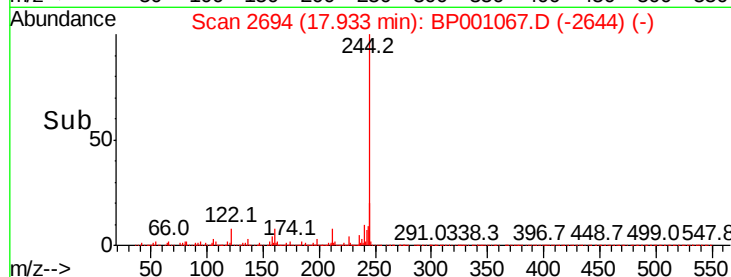
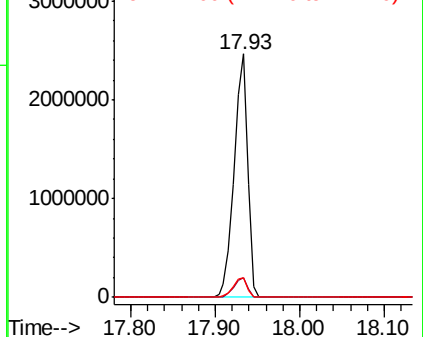
122 8.3 7.4 11.2



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: 48.339 ng

RT: 18.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

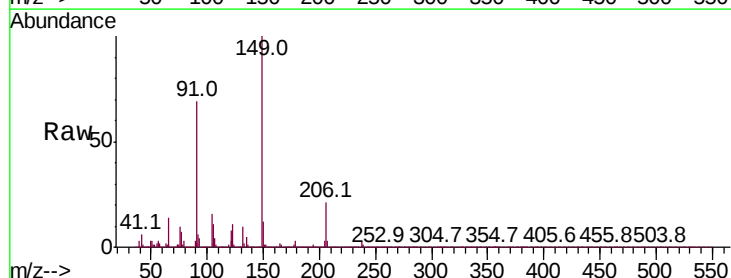
Tgt Ion:149 Resp: 705303

Ion Ratio Lower Upper

149 100

91 69.1 56.6 84.8

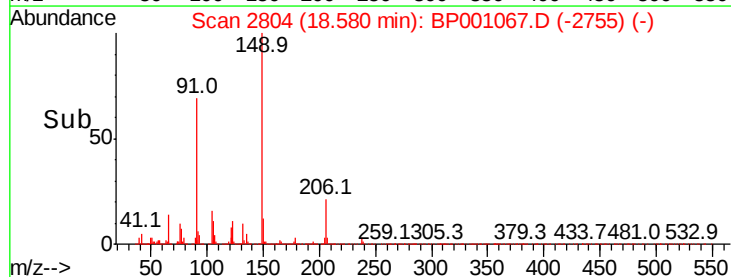
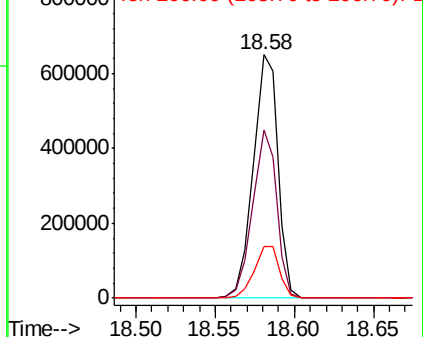
206 21.0 18.0 27.0

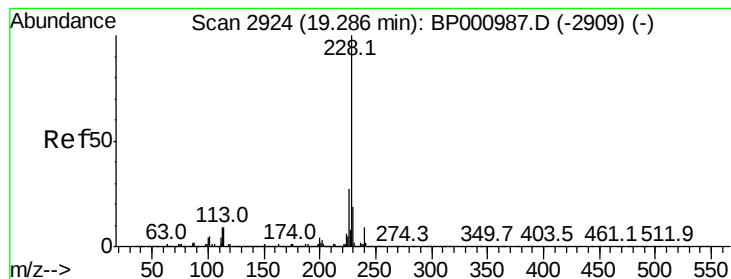


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.757 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

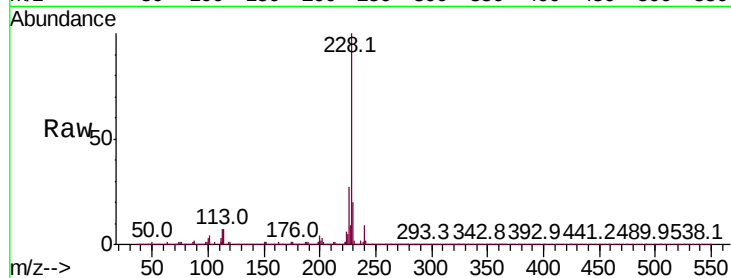
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1641971

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.9	15.6	23.4

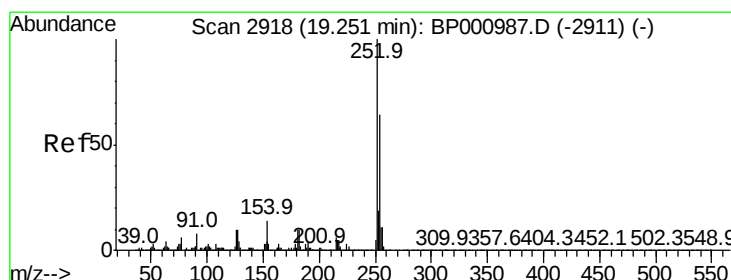
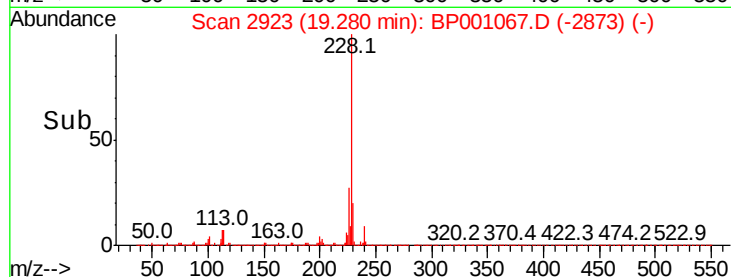
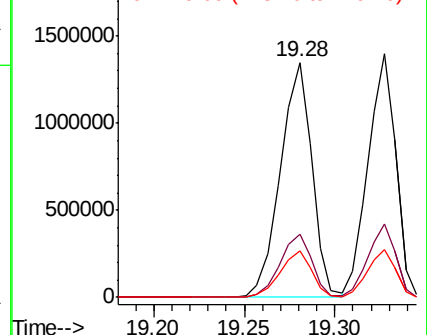


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.694 ng

RT: 19.25 min Scan# 2917

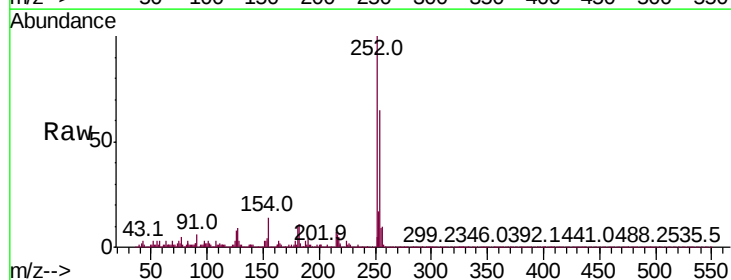
Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Tgt Ion:252 Resp: 239355

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.1	76.7
126	8.5	8.3	12.5

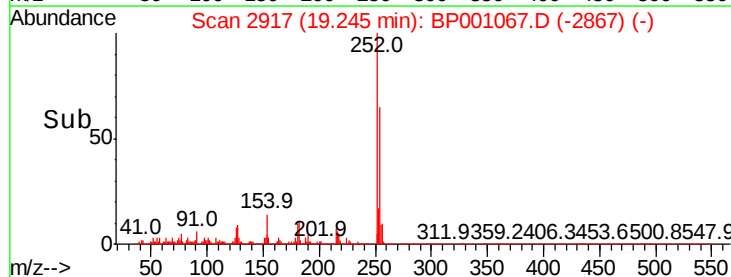
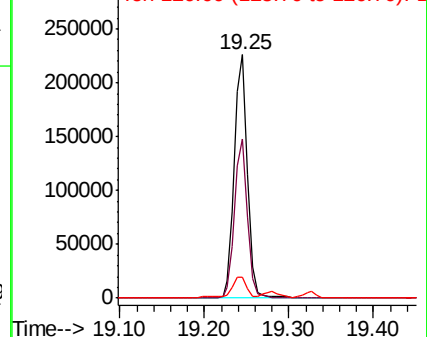


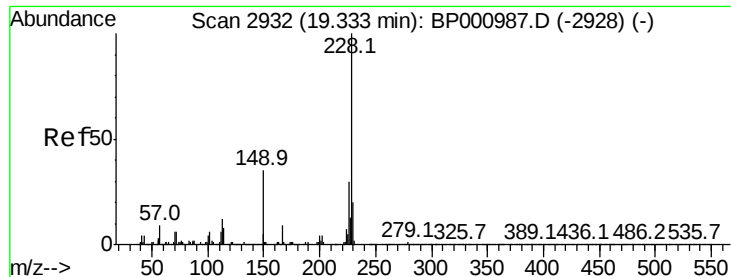
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.491 ng

RT: 19.33 min Scan# 2931

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampled :

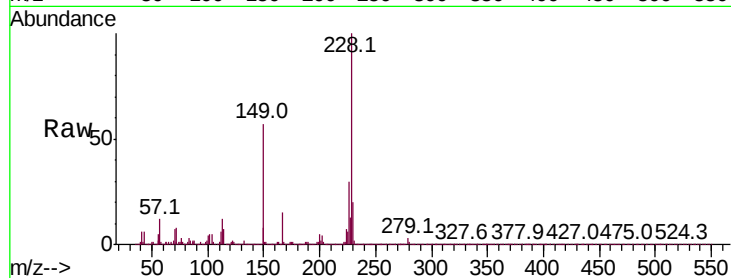
Tot Ion:228 Resp: 1494985

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

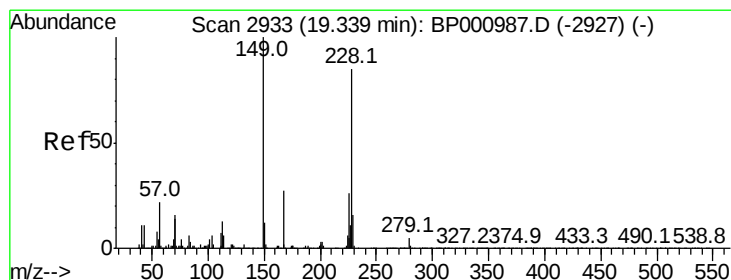
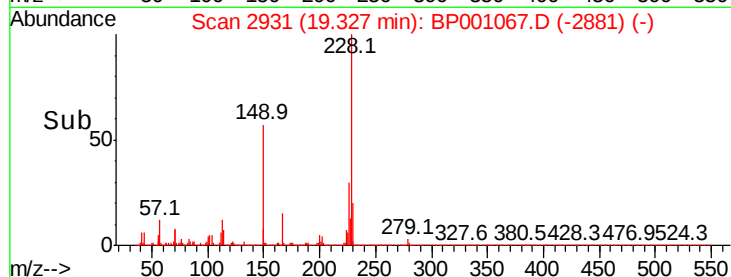
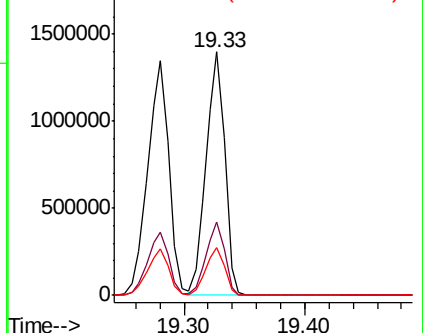
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.733 ng

RT: 19.33 min Scan# 2932

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

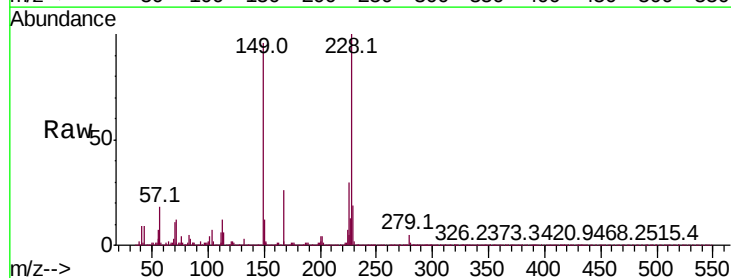
Tgt Ion:149 Resp: 941172

Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.2

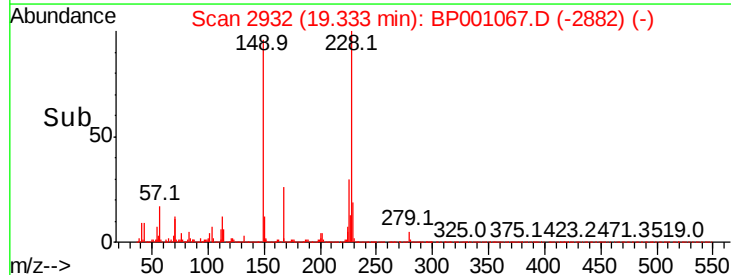
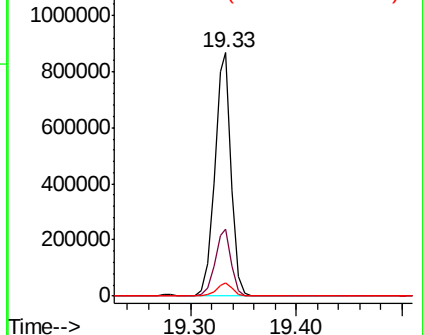
279 5.5 3.7 5.5#

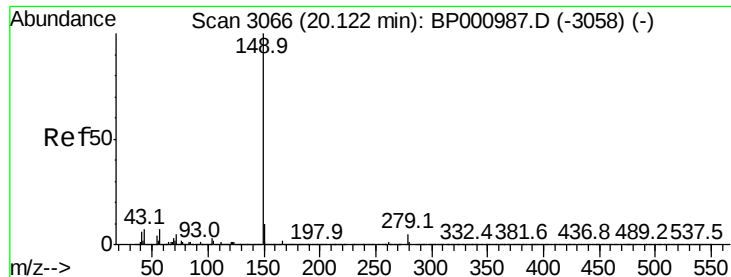


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

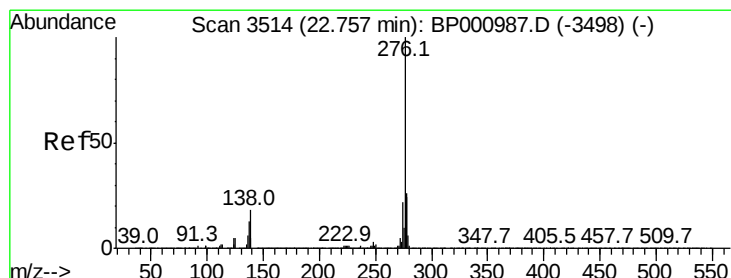
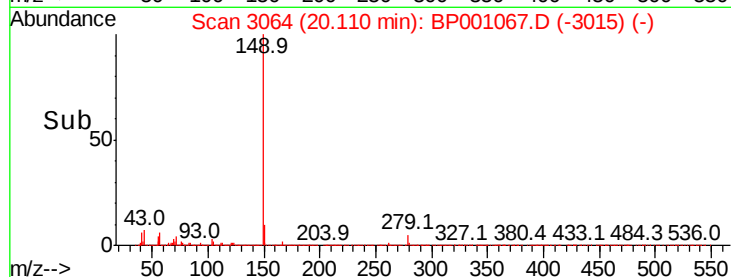
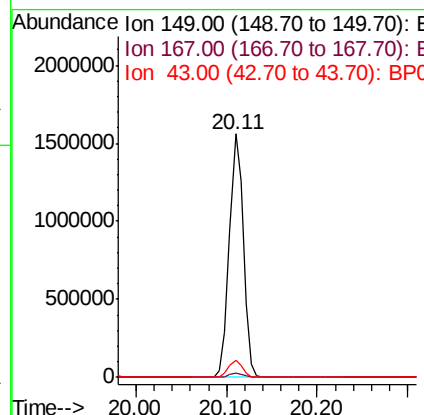
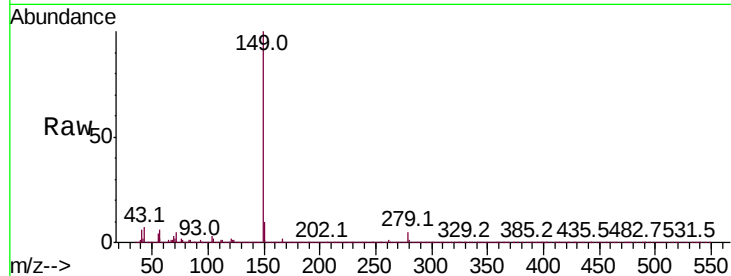




#85
Di-n-octyl phthalate
Concen: 49.651 ng
RT: 20.11 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

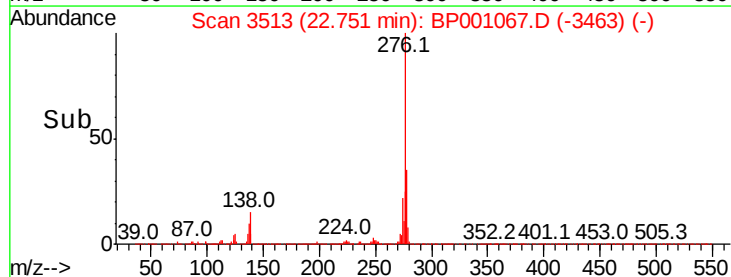
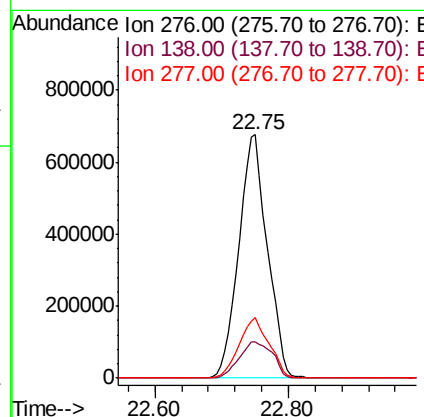
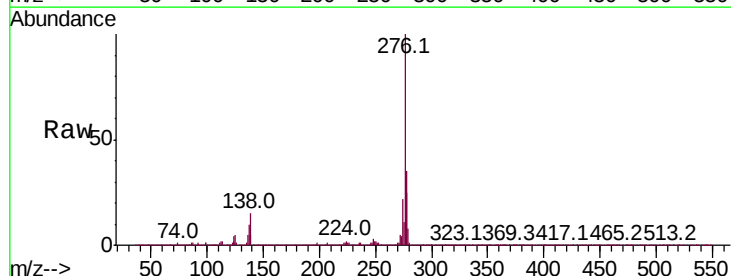
Instrument :
BNA_P
ClientSampleId :

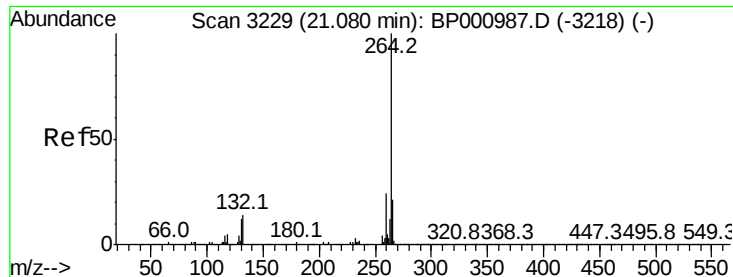
Tot Ion:149 Resp: 1658209
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.9 5.6 8.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.609 ng
RT: 22.75 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:276 Resp: 2008361
Ion Ratio Lower Upper
276 100
138 17.4 17.6 26.4#
277 25.9 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampleId :

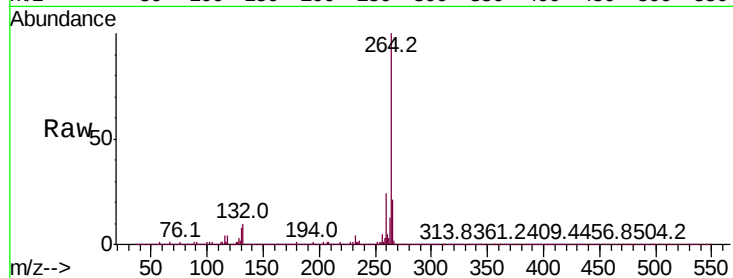
Tot Ion:264 Resp: 583822

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

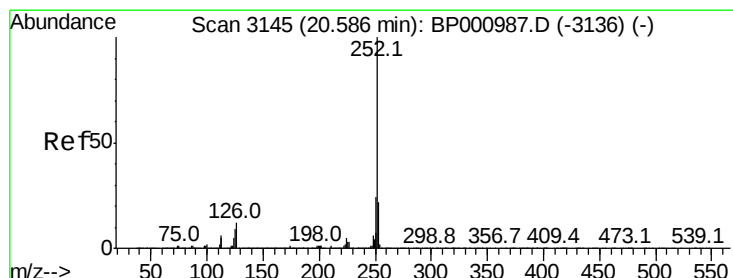
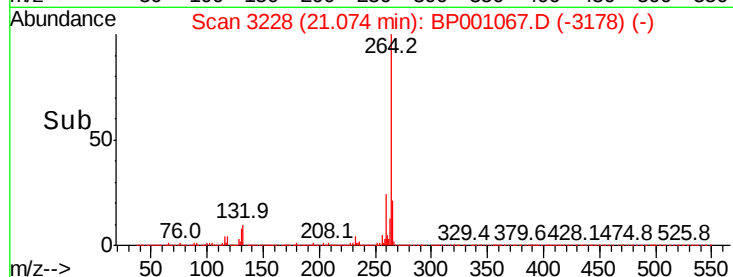
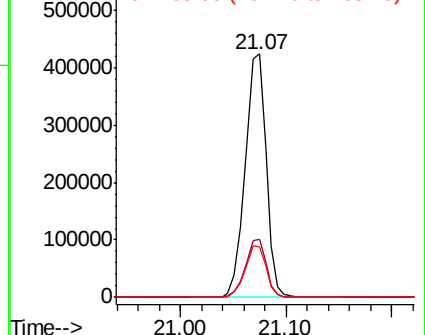
265 20.9 17.1 25.7



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: 47.874 ng

RT: 20.59 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

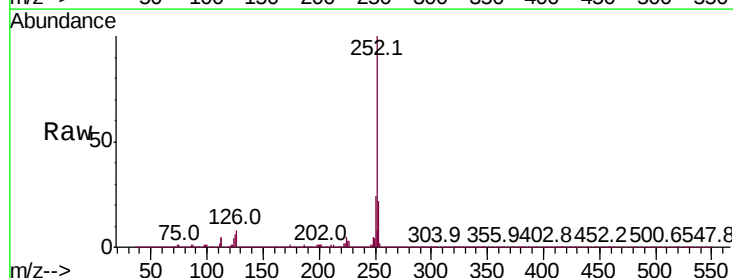
Tgt Ion:252 Resp: 1666057

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

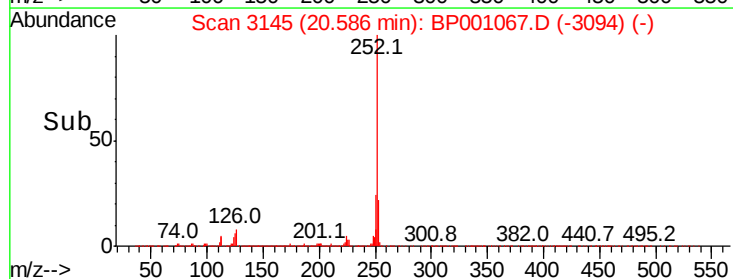
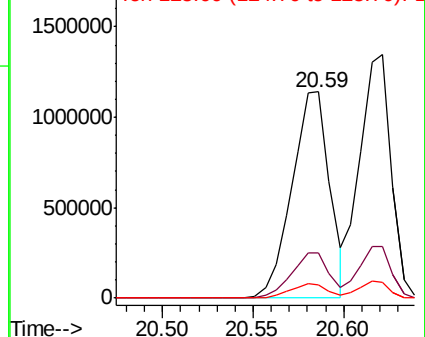
125 6.4 7.3 10.9#

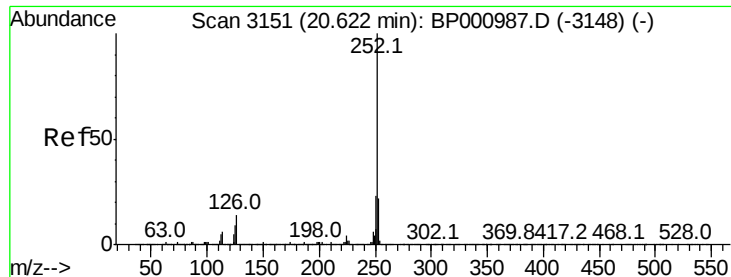


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

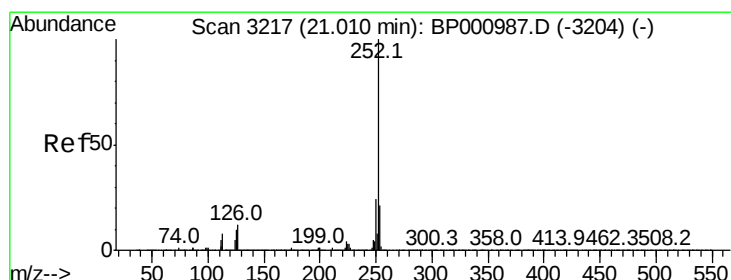
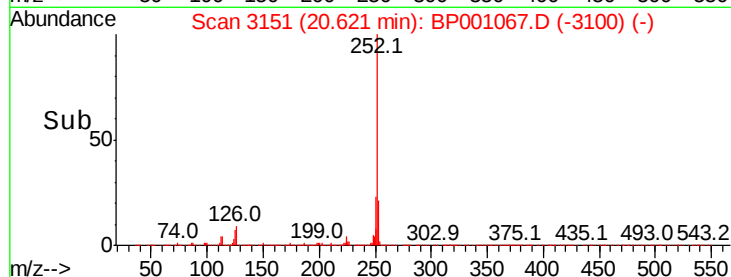
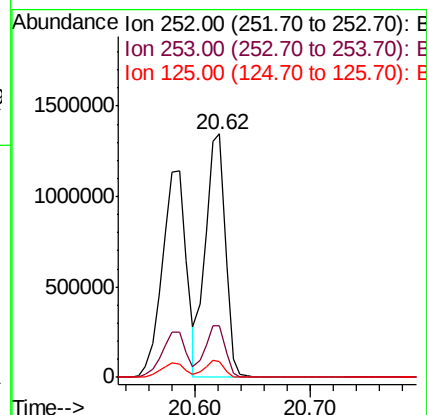
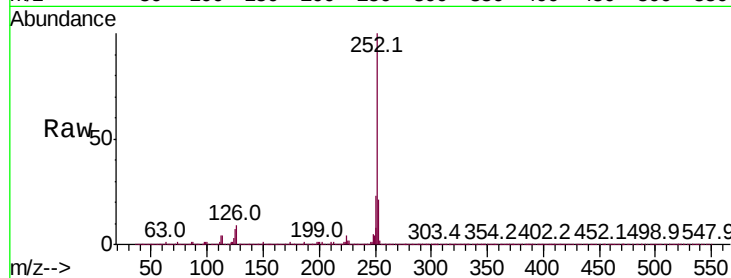




#89
Benzo(k)fluoranthene
Concen: 49.777 ng
RT: 20.62 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

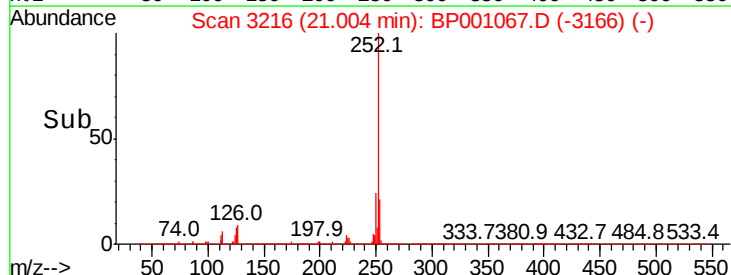
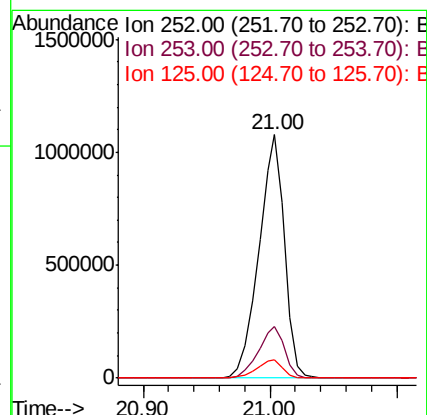
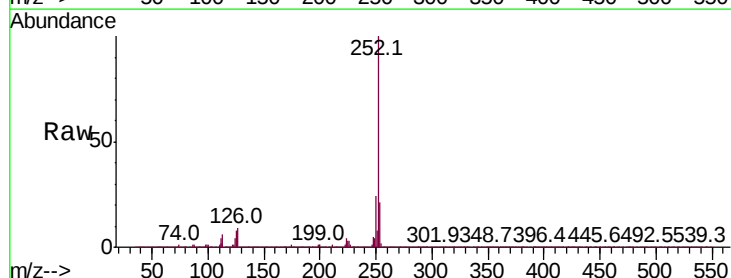
Instrument :
BNA_P
ClientSampleId :

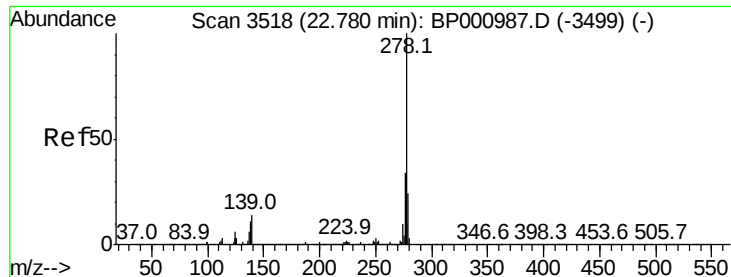
Tot Ion:252 Resp: 1630660
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 6.5 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 47.162 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BP001067.D
Acq: 18 Nov 2019 18:37

Tgt Ion:252 Resp: 1509200
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 7.6 7.6 11.4#





#91

Dibenzo(a,h)anthracene

Concen: 51.694 ng

RT: 22.77 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

Instrument :

BNA_P

ClientSampled :

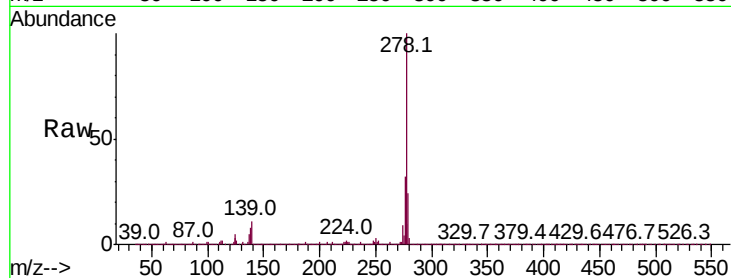
Tot Ion:278 Resp: 1688343

Ion Ratio Lower Upper

278 100

139 10.6 11.3 16.9#

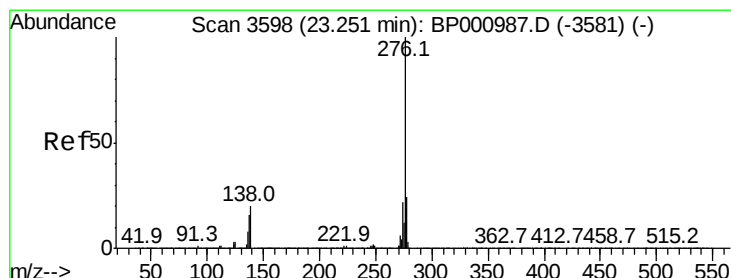
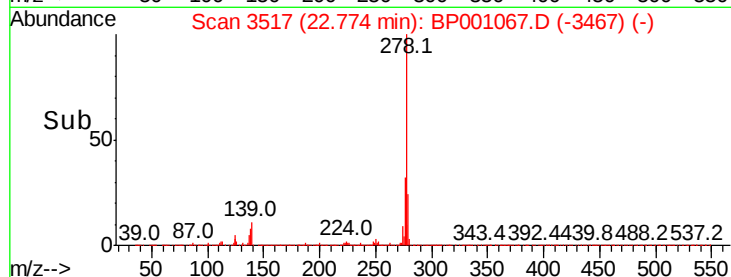
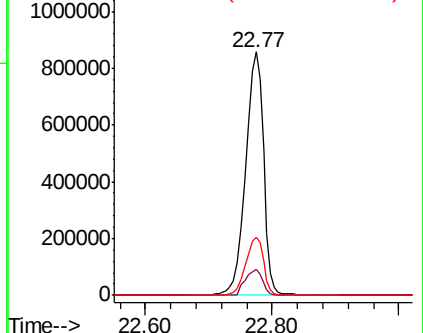
279 23.9 19.1 28.7



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: 51.089 ng

RT: 23.25 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BP001067.D

Acq: 18 Nov 2019 18:37

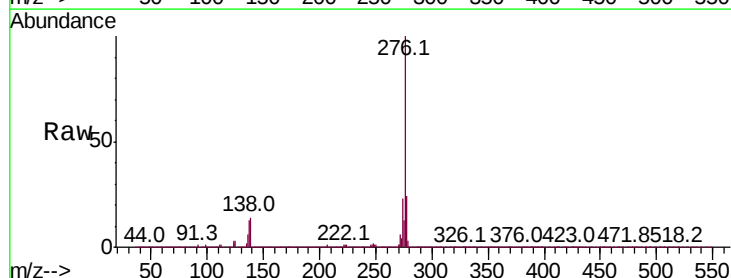
Tgt Ion:276 Resp: 1680142

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 14.1 15.7 23.5#



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

