

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001038.D
 Acq On : 15 Nov 2019 14:03
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 15 16:33:31 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	8.37	152	209290	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	731333	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	435438	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	888079	20.00	ng	0.00
76) Chrysene-d12	19.30	240	730797	20.00	ng	0.00
87) Perylene-d12	21.08	264	814582	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.30	112	897789	78.08	ng	0.00
7) Phenol-d6	7.82	99	1111152	76.42	ng	0.00
23) Nitrobenzene-d5	9.25	82	1060870	80.24	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	464890	89.43	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2385210	82.50	ng	0.00
79) Terphenyl-d14	17.93	244	3123771	85.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	174830	34.970	ng	97
3) Pyridine	3.66	79	463871	35.094	ng	97
4) n-Nitrosodimethylamine	3.58	42	181173	39.328	ng	84
6) Aniline	7.85	93	705259	37.139	ng	97
8) 2-Chlorophenol	8.03	128	483642	39.665	ng	99
9) Benzaldehyde	7.68	77	338038	33.320	ng	98
10) Phenol	7.83	94	614088	38.612	ng	87
11) bis(2-Chloroethyl)ether	7.98	93	451566	36.473	ng	100
12) 1,3-Dichlorobenzene	8.28	146	606433	39.643	ng	100
13) 1,4-Dichlorobenzene	8.40	146	613271	39.801	ng	99
14) 1,2-Dichlorobenzene	8.63	146	569771	39.986	ng	100
15) Benzyl Alcohol	8.60	79	446578	40.304	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.83	45	429697	33.233	ng	97
17) 2-Methylphenol	8.79	107	396774	38.327	ng	98
18) Hexachloroethane	9.17	117	228956	40.453	ng	96
19) n-Nitroso-di-n-propylamine	9.03	70	324444	37.160	ng	97
20) 3+4-Methylphenols	9.03	107	507747	39.535	ng	94
22) Acetophenone	9.02	105	743495	39.365	ng	99
24) Nitrobenzene	9.28	77	515741	38.877	ng	98
25) Isophorone	9.67	82	905739	37.220	ng	97
26) 2-Nitrophenol	9.79	139	225265	45.440	ng	95
27) 2,4-Dimethylphenol	9.87	122	352327	37.953	ng	94
28) bis(2-Chloroethoxy)methane	10.04	93	582699	36.623	ng	99
29) 2,4-Dichlorophenol	10.17	162	449697	40.134	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	550696	40.007	ng	99
31) Naphthalene	10.43	128	1438764	39.376	ng	100
32) Benzoic acid	10.05	122	235776	43.002	ng	96
33) 4-Chloroaniline	10.53	127	605710	38.658	ng	99
34) Hexachlorobutadiene	10.66	225	382225	42.028	ng	97
35) Caprolactam	11.10	113	133156	37.651	ng	93
36) 4-Chloro-3-methylphenol	11.33	107	473759	40.718	ng	97
37) 2-Methylnaphthalene	11.56	142	1011418	39.548	ng	98
38) 1-Methylnaphthalene	11.72	142	951041	39.356	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	590713	40.742	ng	99

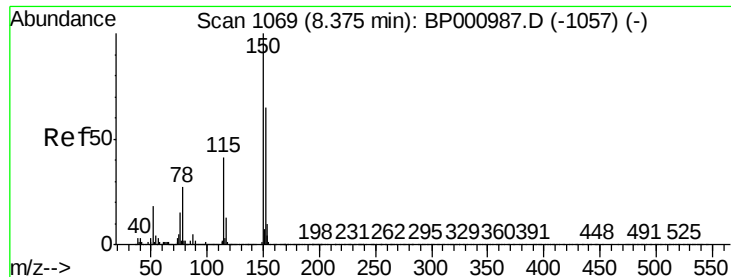
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	320908	44.181	nq	99
43) 2,4,6-Trichlorophenol	12.03	196	359967	41.177	nq	98
44) 2,4,5-Trichlorophenol	12.08	196	379412	40.593	nq	99
46) 1,1'-Biphenyl	12.33	154	1301654	39.979	nq	99
47) 2-Chloronaphthalene	12.36	162	1035812	39.519	nq	98
48) 2-Nitroaniline	12.52	65	276803	40.347	nq	99
49) Acenaphthylene	13.03	152	1563916	39.249	nq	99
50) Dimethylphthalate	12.86	163	1271758	39.498	nq	100
51) 2,6-Dinitrotoluene	12.93	165	264272	39.348	nq	88
52) Acenaphthene	13.32	154	927899	38.934	nq	98
53) 3-Nitroaniline	13.20	138	284981	38.902	nq	98
54) 2,4-Dinitrophenol	13.37	184	90748	47.582	nq	# 84
55) Dibenzofuran	13.60	168	1466560	39.397	nq	98
56) 4-Nitrophenol	13.48	139	205518	40.343	nq	93
57) 2,4-Dinitrotoluene	13.59	165	359079	42.565	nq	96
58) Fluorene	14.16	166	1168815	39.453	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	335643	42.235	nq	# 95
60) Diethylphthalate	14.02	149	1276090	39.456	nq	99
61) 4-Chlorophenyl-phenylether	14.18	204	622558	39.744	nq	95
62) 4-Nitroaniline	12.52	138	321301	40.907	nq	98
63) Azobenzene	14.44	77	1043755	36.874	nq	98
65) 4,6-Dinitro-2-methylphenol	14.26	198	130377	46.964	nq	95
66) n-Nitrosodiphenylamine	14.37	169	1002708	39.270	nq	100
67) 4-Bromophenyl-phenylether	14.97	248	419383	40.115	nq	96
68) Hexachlorobenzene	15.06	284	492180	40.625	nq	98
69) Atrazine	15.26	200	360044	38.726	nq	100
70) Pentachlorophenol	15.37	266	241506	44.782	nq	99
71) Phenanthrene	15.69	178	1789277	39.366	nq	100
72) Anthracene	15.77	178	1767143	39.855	nq	99
73) Carbazole	16.02	167	1579054	38.843	nq	100
74) Di-n-butylphthalate	16.56	149	2003026	40.827	nq	100
75) Fluoranthene	17.40	202	2036728	39.644	nq	99
77) Benzidine	17.59	184	922934	34.294	nq	98
78) Pyrene	17.70	202	2039009	39.480	nq	99
80) Butylbenzylphthalate	18.59	149	856646	41.890	nq	98
81) Benzo(a)anthracene	19.29	228	1920981	39.029	nq	100
82) 3,3'-Dichlorobenzidine	19.25	252	721223	40.190	nq	99
83) Chrysene	19.33	228	1729469	40.024	nq	100
84) Bis(2-ethylhexyl)phthalate	19.33	149	1091043	41.961	nq	98
85) Di-n-octyl phthalate	20.12	149	1931603	41.266	nq	99
86) Indeno(1,2,3-cd)pyrene	22.76	276	2145902	36.295	nq	96
88) Benzo(b)fluoranthene	20.59	252	1927379	39.694	nq	98
89) Benzo(k)fluoranthene	20.62	252	1814385	39.696	nq	98
90) Benzo(a)pyrene	21.01	252	1744638	39.075	nq	98
91) Dibenzo(a,h)anthracene	22.78	278	1745552	38.305	nq	98
92) Benzo(g,h,i)perylene	23.25	276	1711021	37.289	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001038.D

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BNA_P

ClientSampleId :

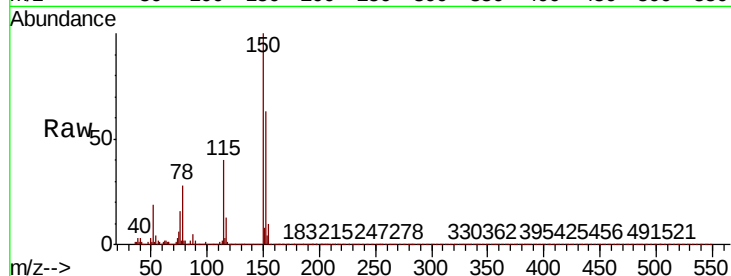
Tot Ion:152 Resp: 209290

Ion Ratio Lower Upper

152 100

150 158.0 123.6 185.4

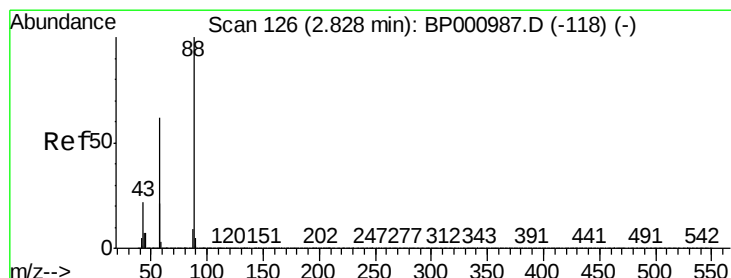
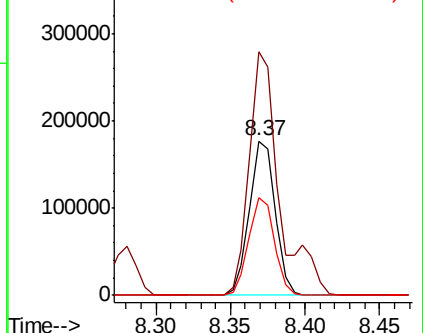
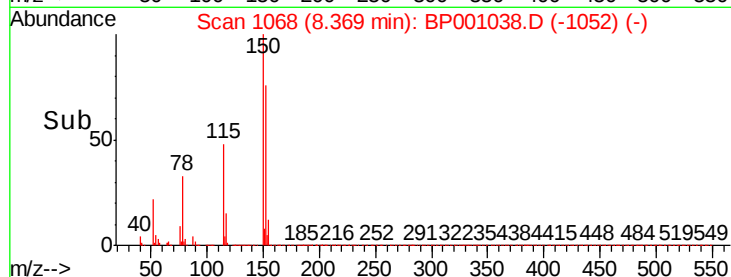
115 63.4 50.1 75.1



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: 34.970 ng

RT: 2.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

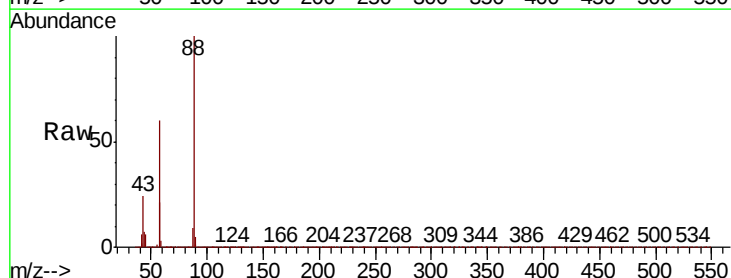
Tgt Ion: 88 Resp: 174830

Ion Ratio Lower Upper

88 100

58 60.3 49.8 74.8

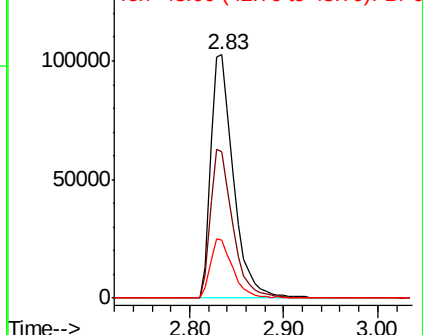
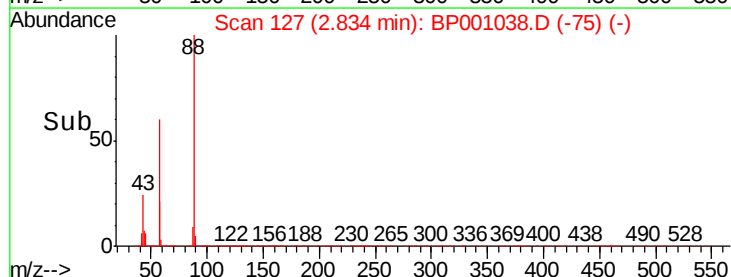
43 24.1 17.6 26.4

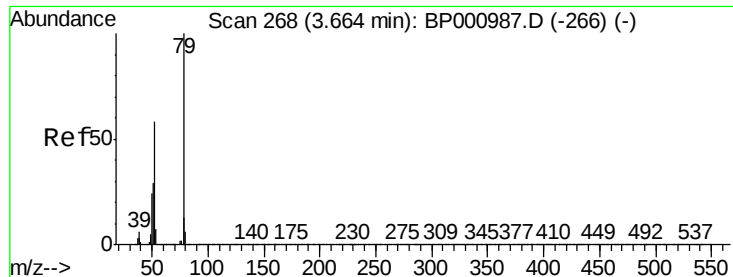


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 35.094 ng

RT: 3.66 min Scan# 267

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampled :

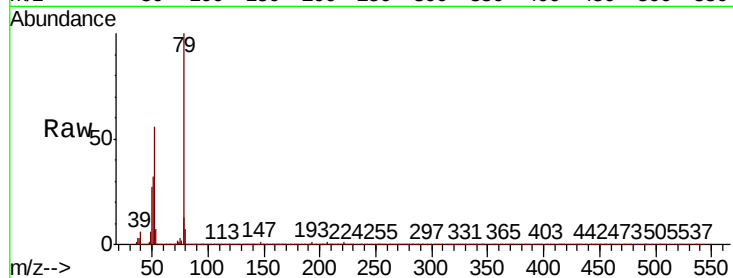
Tot Ion: 79 Resp: 463871

Ion Ratio Lower Upper

79 100

52 56.0 46.4 69.6

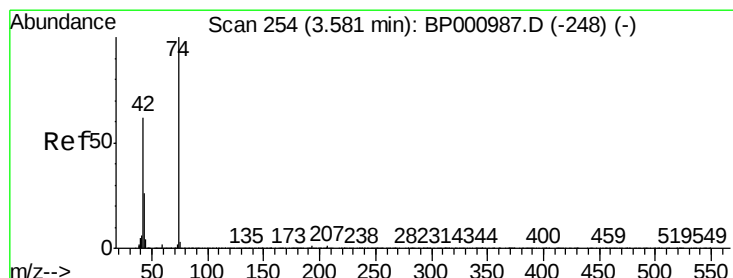
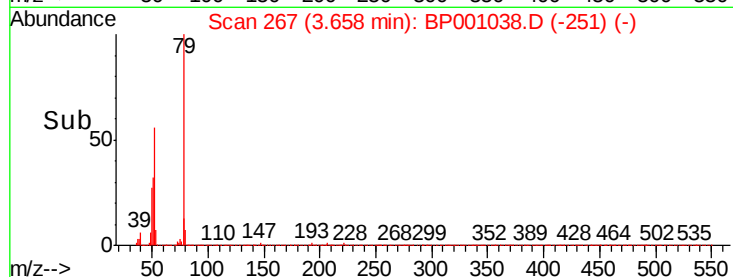
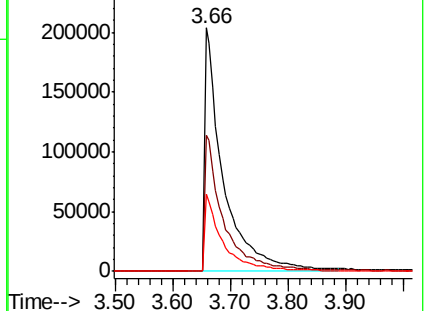
51 31.7 23.4 35.0



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 39.328 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

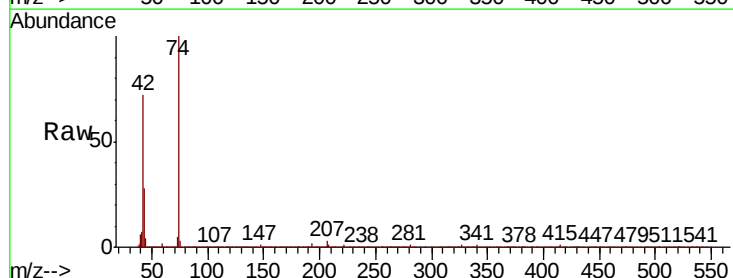
Tgt Ion: 42 Resp: 181173

Ion Ratio Lower Upper

42 100

74 138.5 128.4 192.6

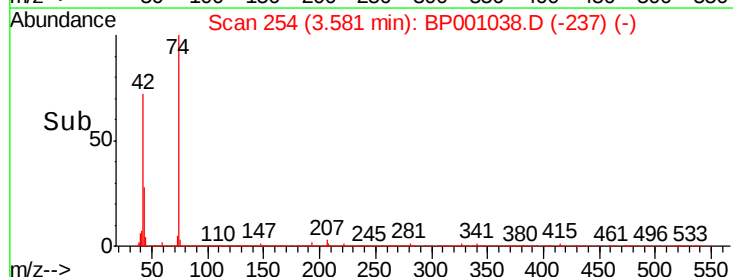
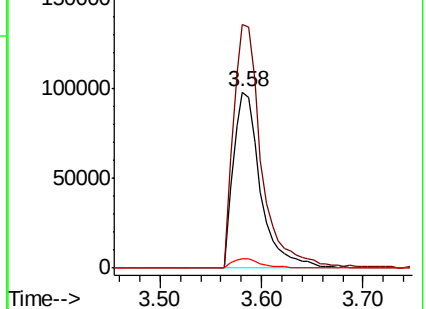
44 5.7 5.4 8.2

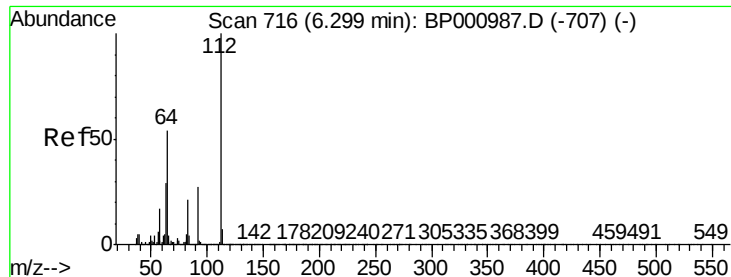


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 78.080 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampled :

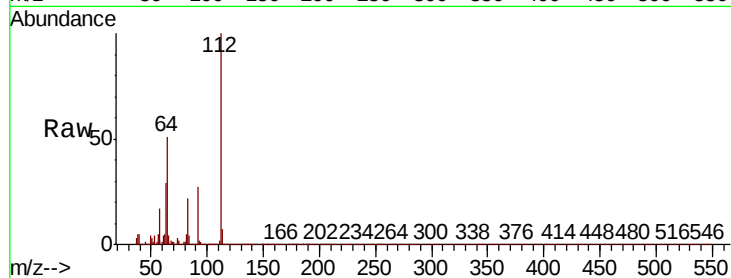
Tot Ion:112 Resp: 897789

Ion Ratio Lower Upper

112 100

64 50.9 43.4 65.0

63 28.9 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

1000000

800000

600000

400000

200000

0

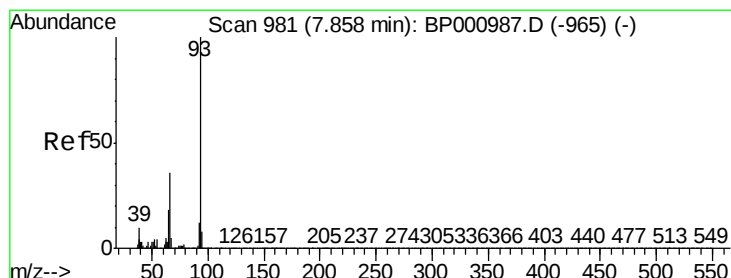
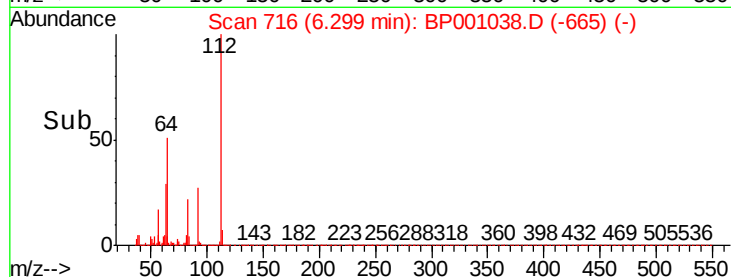
6.30

6.20

6.30

6.40

Time-->



#6

Aniline

Concen: 37.139 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

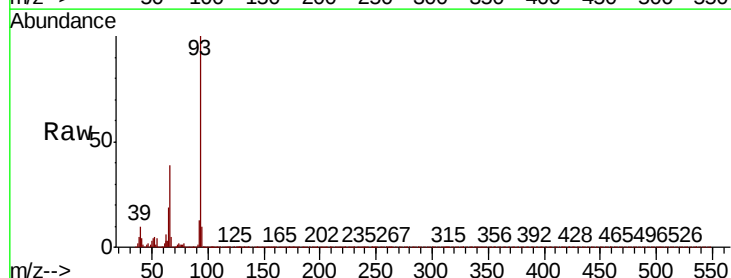
Tgt Ion: 93 Resp: 705259

Ion Ratio Lower Upper

93 100

66 38.8 29.1 43.7

65 18.8 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

600000

400000

200000

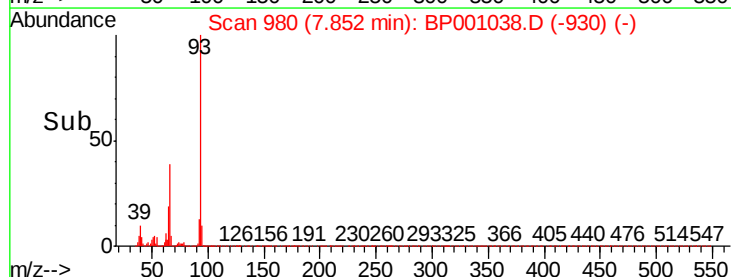
0

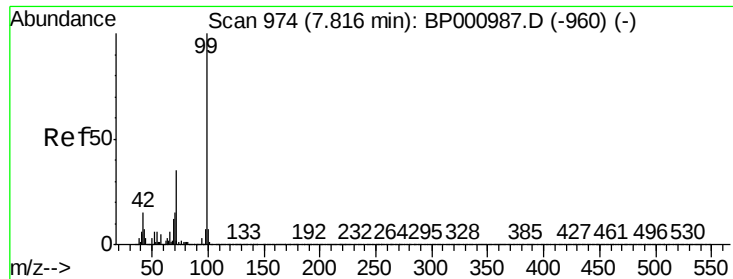
7.85

7.80

7.90

Time-->





#7

Phenol-d6

Concen: 76.419 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

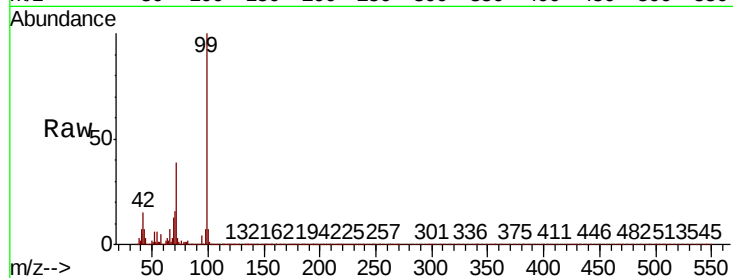
Tot Ion: 99 Resp: 1111152

Ion Ratio Lower Upper

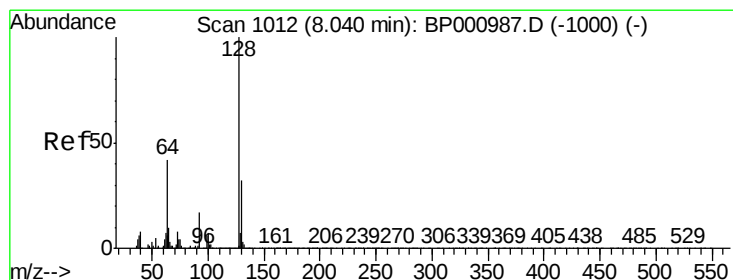
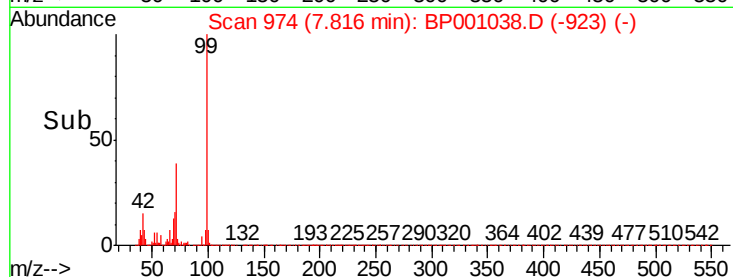
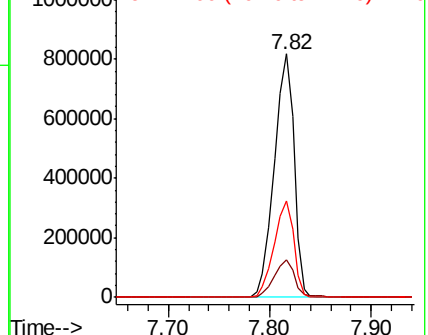
99 100

42 15.5 11.6 17.4

71 39.5 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



#8

2-Chlorophenol

Concen: 39.665 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

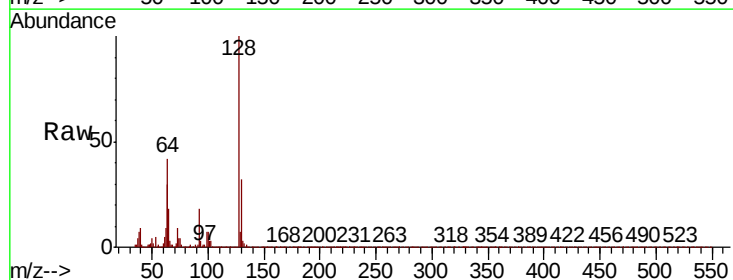
Tgt Ion: 128 Resp: 483642

Ion Ratio Lower Upper

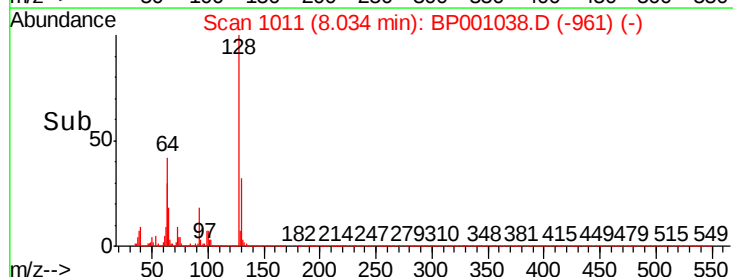
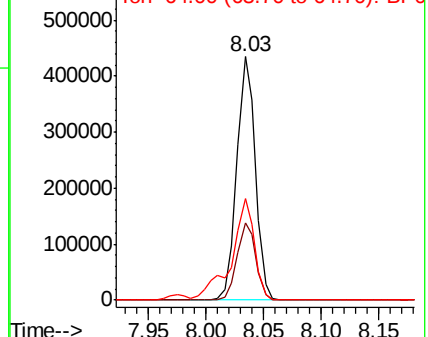
128 100

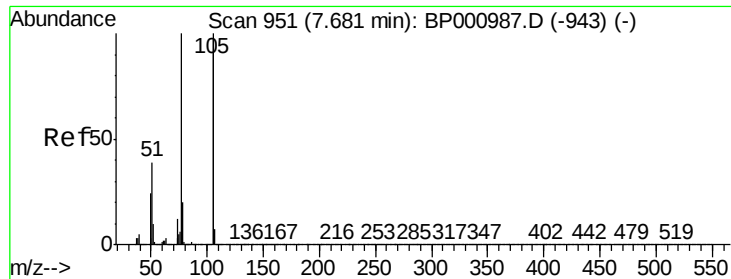
130 31.6 12.0 52.0

64 41.9 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





#9

Benzaldehyde

Concen: 33.320 ng

RT: 7.68 min Scan# 950

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

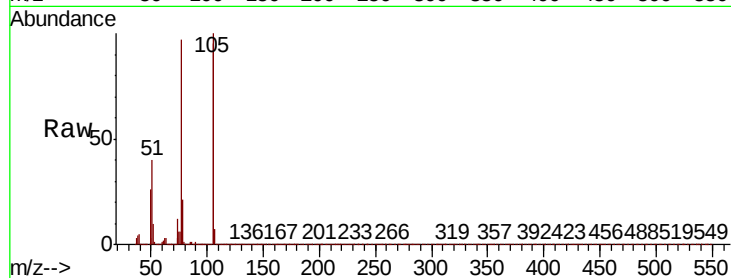
Tot Ion: 77 Resp: 338038

Ion Ratio Lower Upper

77 100

105 103.2 80.0 120.0

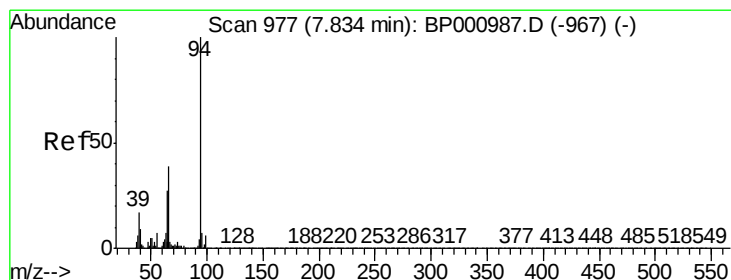
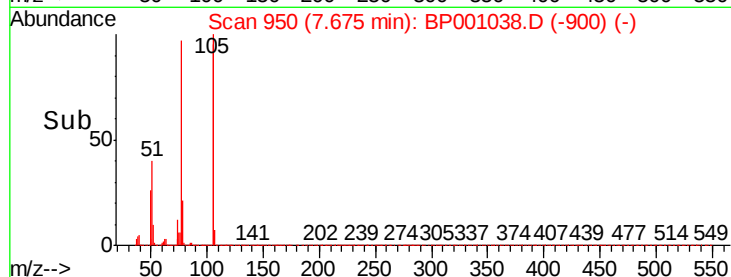
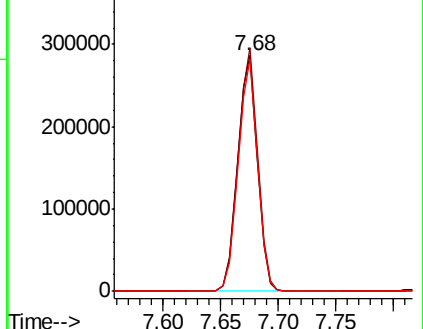
106 98.2 76.9 116.9



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: 38.612 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

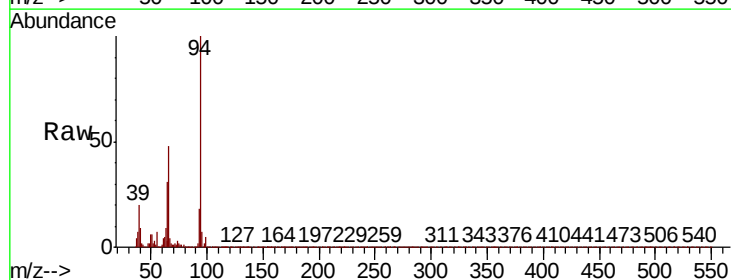
Tgt Ion: 94 Resp: 614088

Ion Ratio Lower Upper

94 100

65 30.8 6.7 46.7

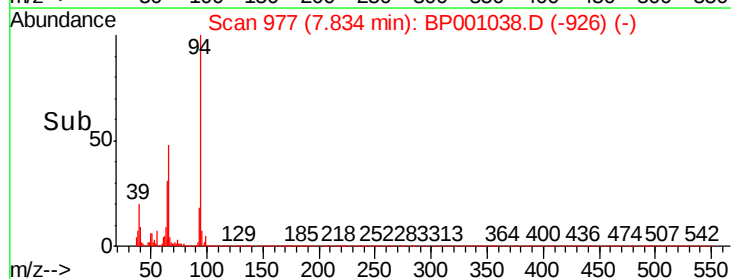
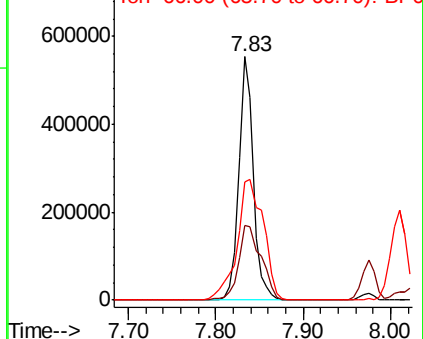
66 48.3 18.6 58.6

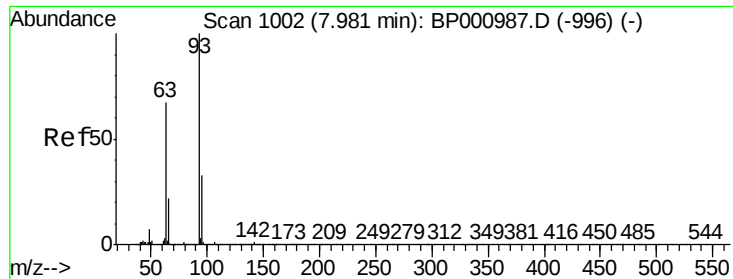


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

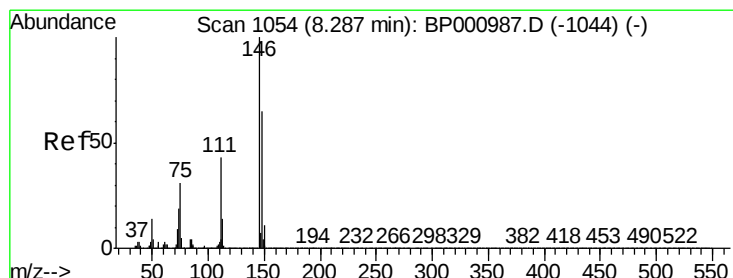
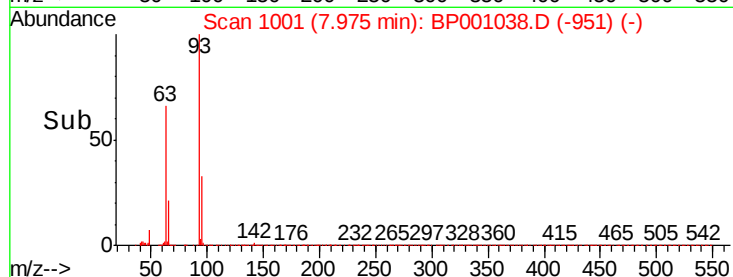
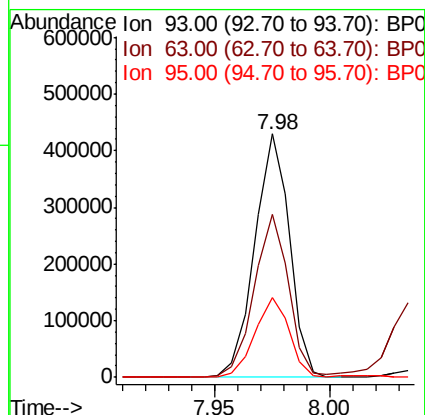
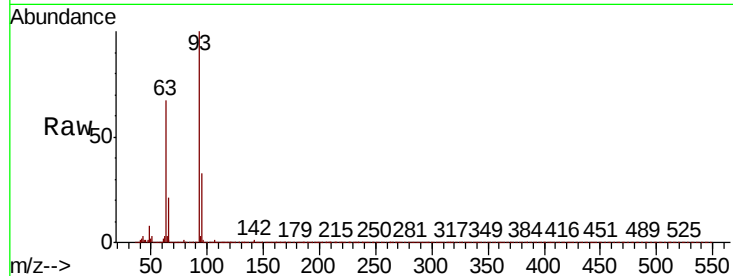




#11
bis(2-Chloroethyl)ether
Concen: 36.473 ng
RT: 7.98 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

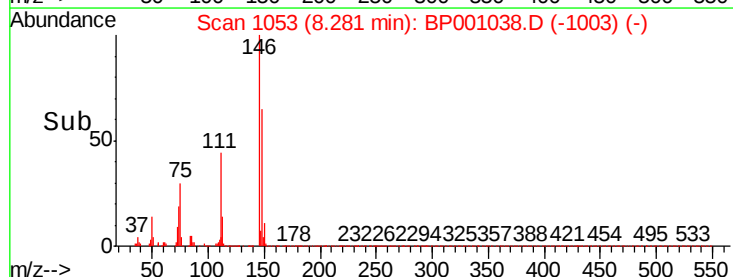
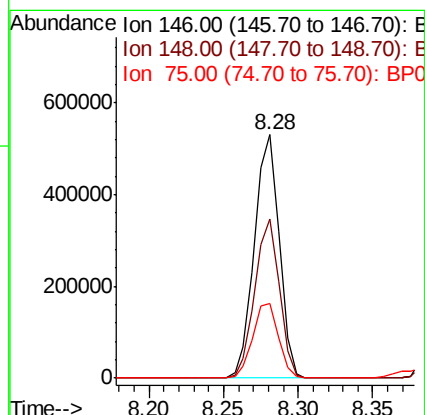
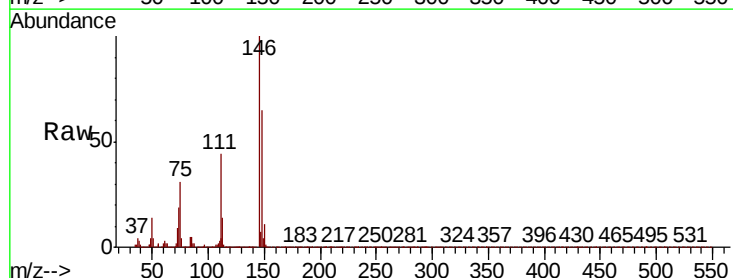
Instrument :
BNA_P
ClientSampled :

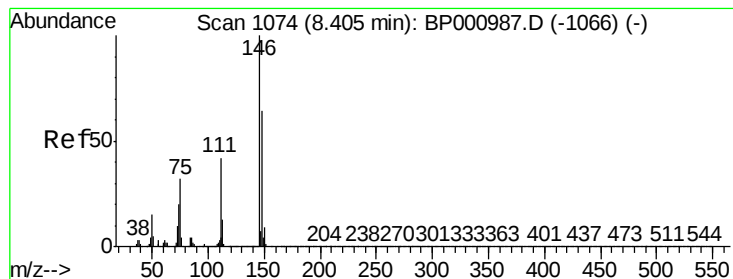
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.0	47.4	87.4
95	32.7	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.643 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
75	30.7	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 39.801 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

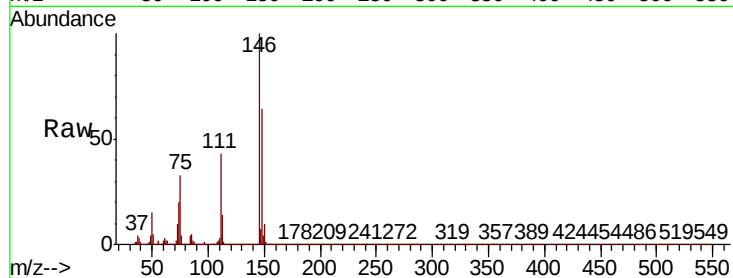
Tot Ion:146 Resp: 613271

Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

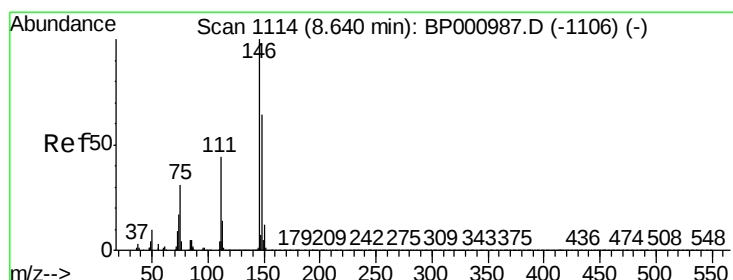
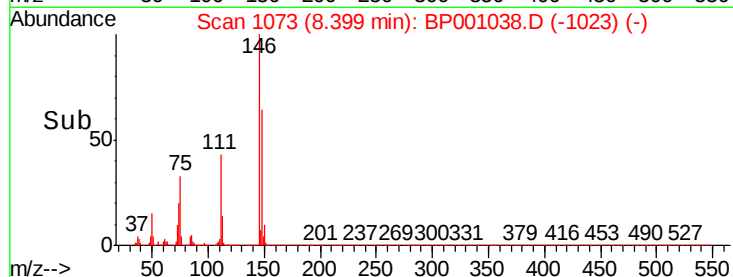
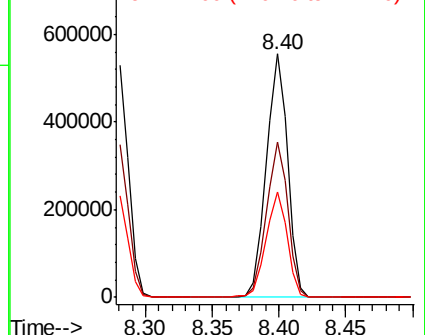
111 43.3 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.986 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

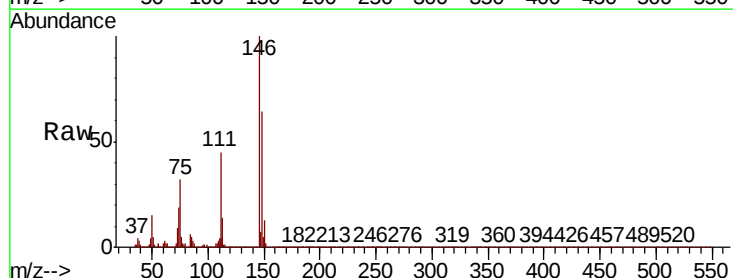
Tgt Ion:146 Resp: 569771

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

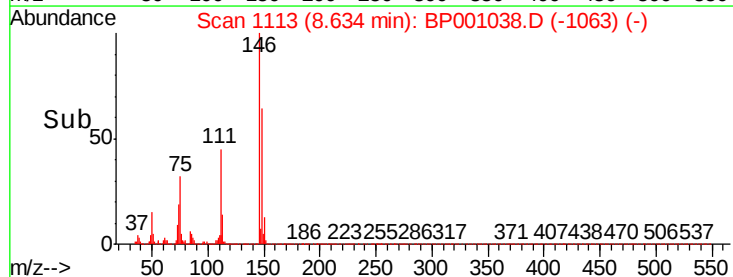
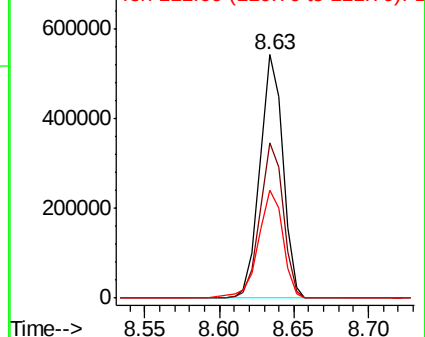
111 44.5 35.6 53.4

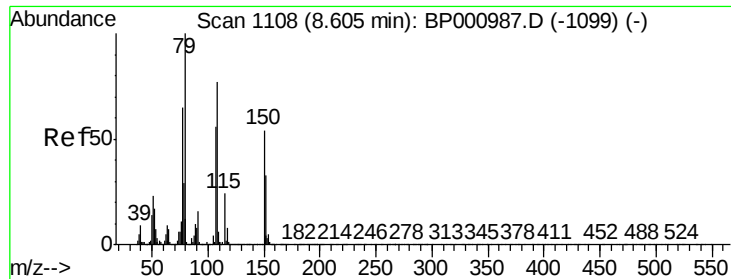


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

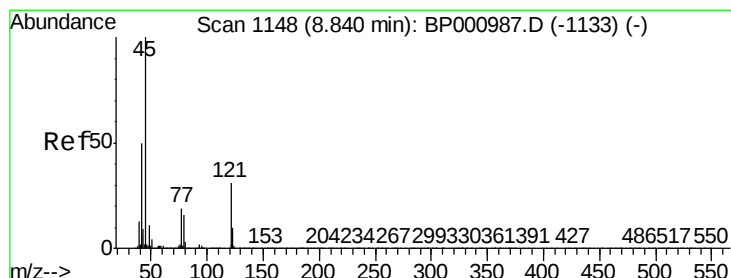
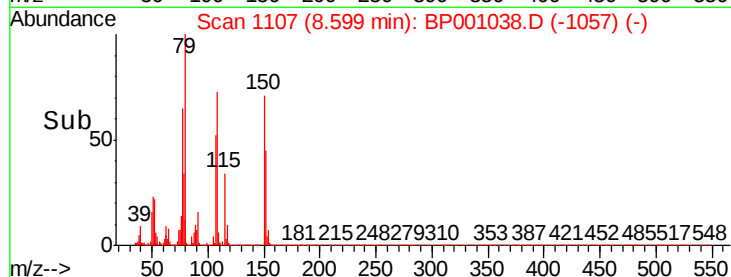
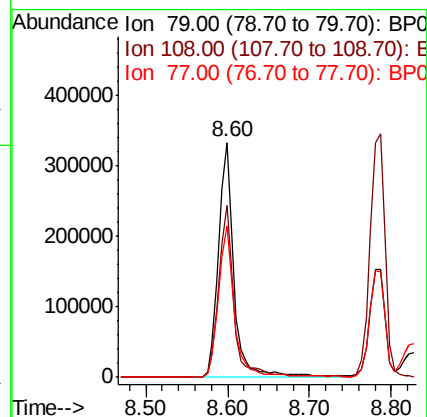
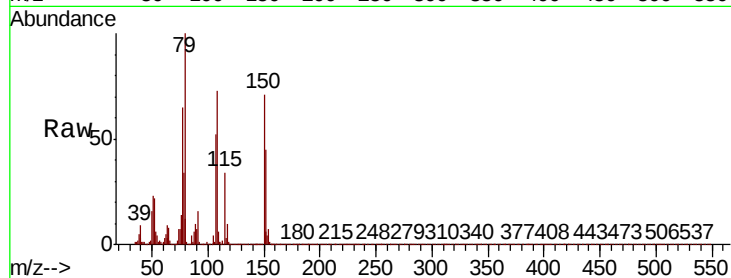




#15
Benzyl Alcohol
Concen: 40.304 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

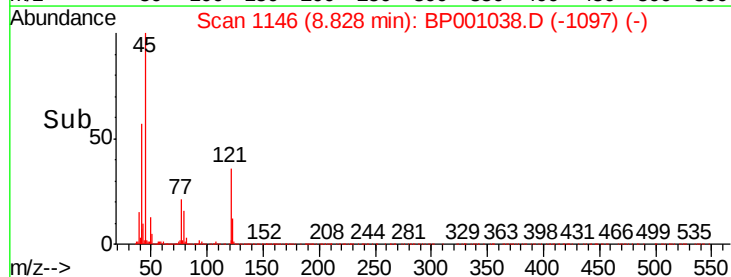
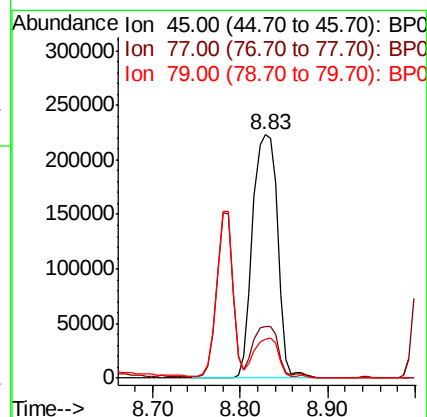
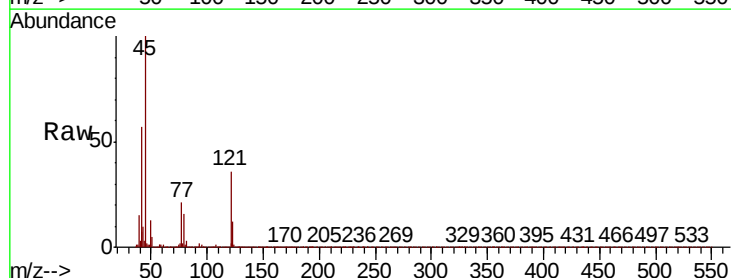
Instrument :
BNA_P
ClientSampleId :

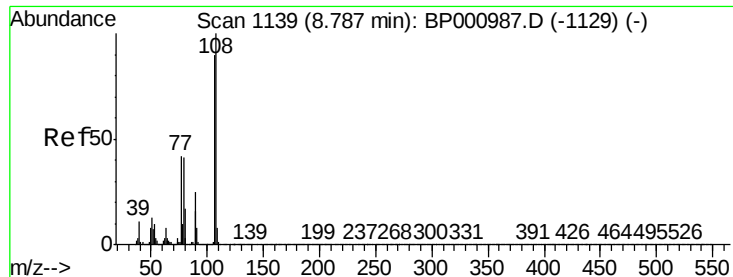
Tot Ion: 79 Resp: 446578
Ion Ratio Lower Upper
79 100
108 73.2 62.0 93.0
77 64.5 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.233 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion: 45 Resp: 429697
Ion Ratio Lower Upper
45 100
77 21.5 0.0 39.1
79 15.9 0.0 35.9

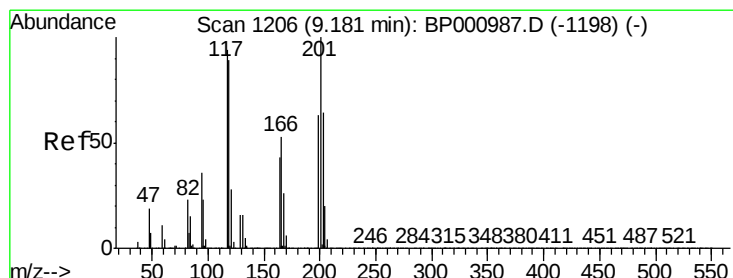
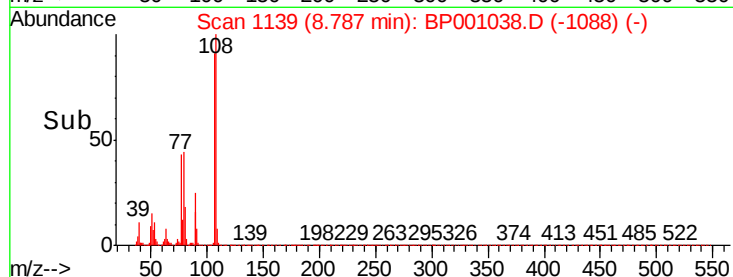
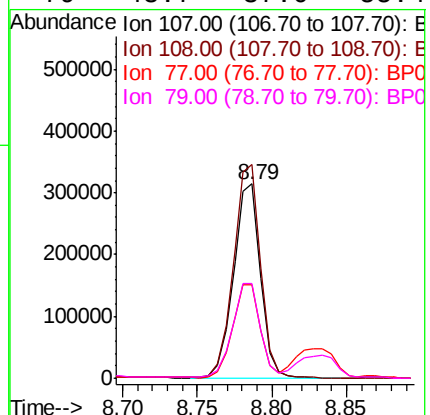
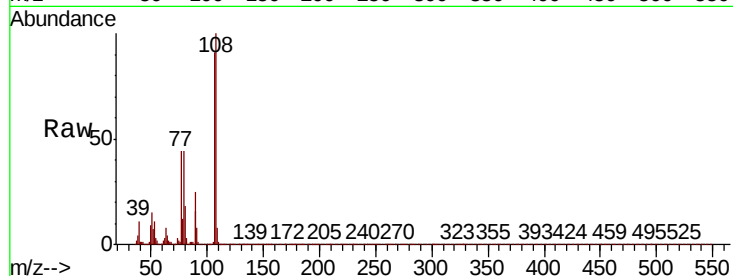




#17
2-Methylphenol
Concen: 38.327 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

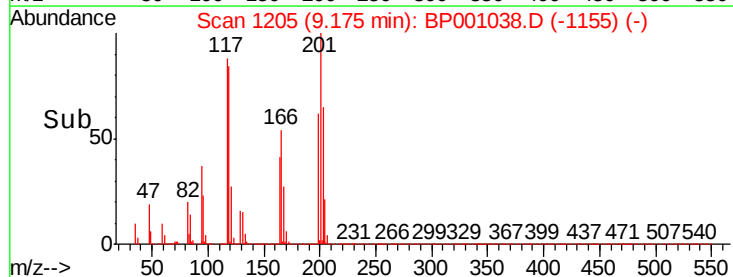
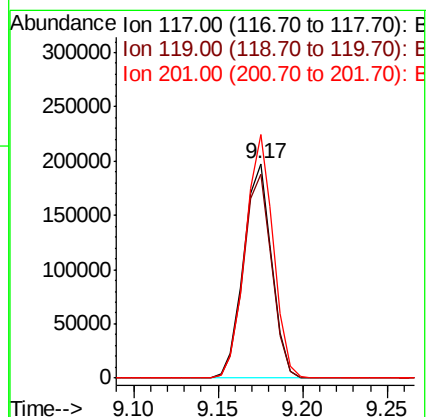
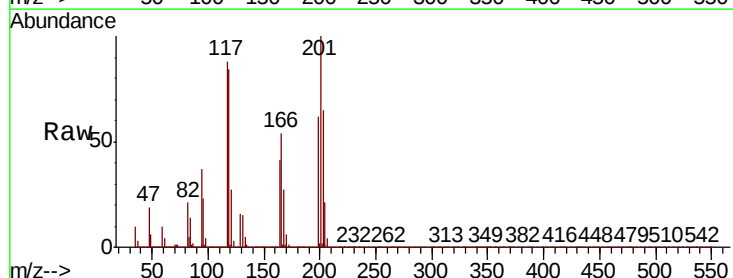
Instrument :
BNA_P
ClientSampled :

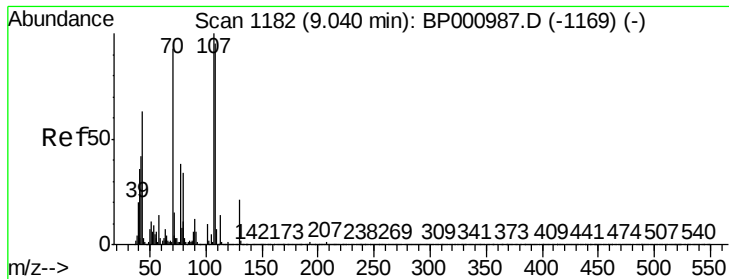
Tot Ion:	107	Resp:	396774
Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.3	133.9
77	47.8	37.2	55.8
79	48.7	37.0	55.4



#18
Hexachloroethane
Concen: 40.453 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:	117	Resp:	228956
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.5	113.3
201	113.6	84.9	127.3





#19

n-Nitroso-di-n-propylamine

Concen: 37.160 ng

RT: 9.03 min Scan# 1181

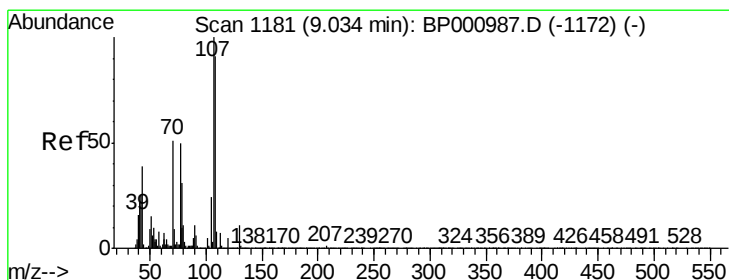
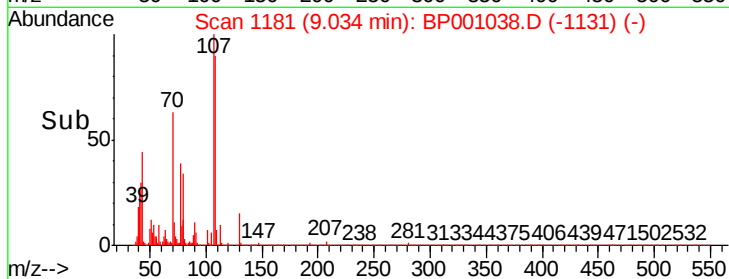
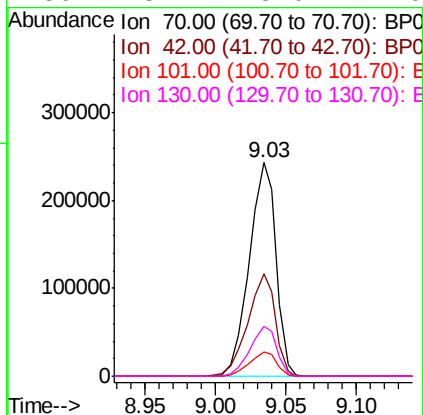
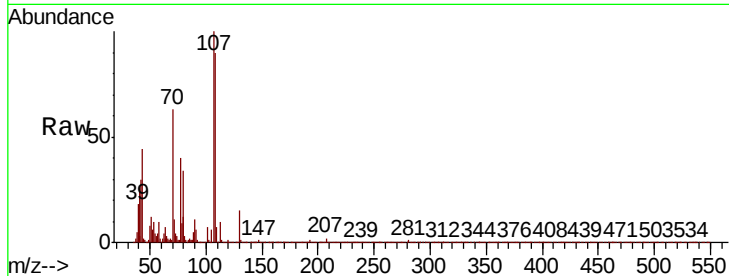
Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	324444
Ion	Ratio	Lower	Upper
70	100		
42	47.7	36.3	54.5
101	11.4	8.7	13.1
130	23.2	18.0	27.0



#20

3+4-Methylphenols

Concen: 39.535 ng

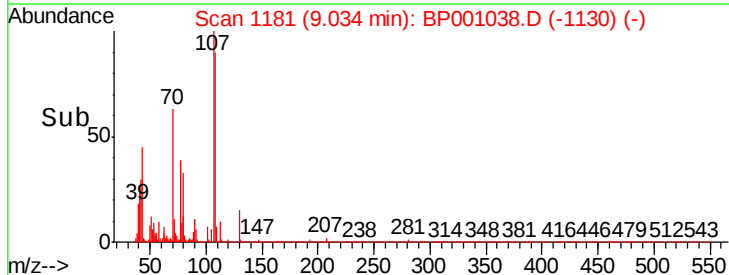
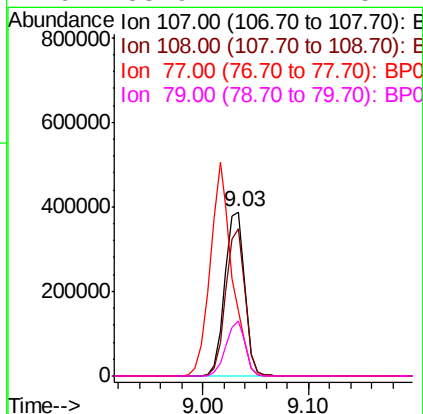
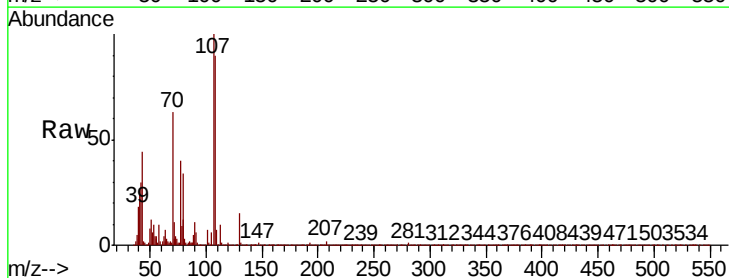
RT: 9.03 min Scan# 1181

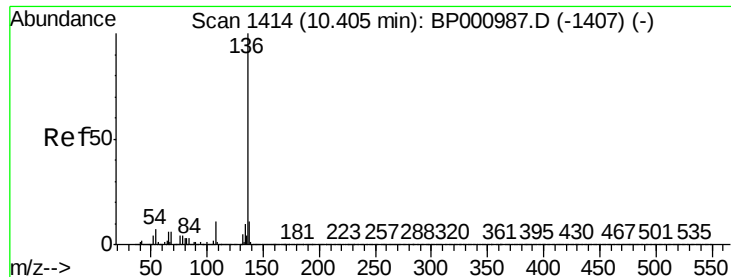
Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Tgt Ion:	107	Resp:	507747
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.1	111.1
77	39.7	29.8	69.8
79	33.9	11.1	51.1

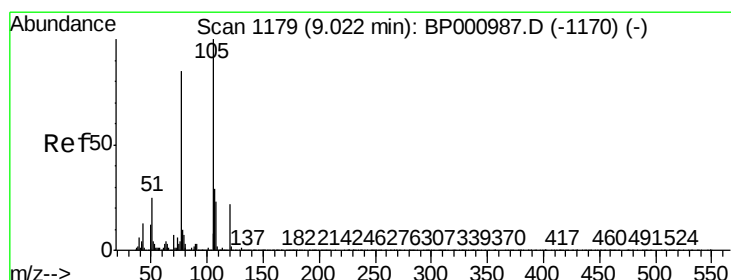
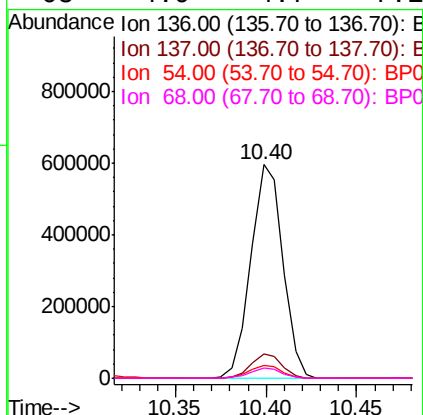
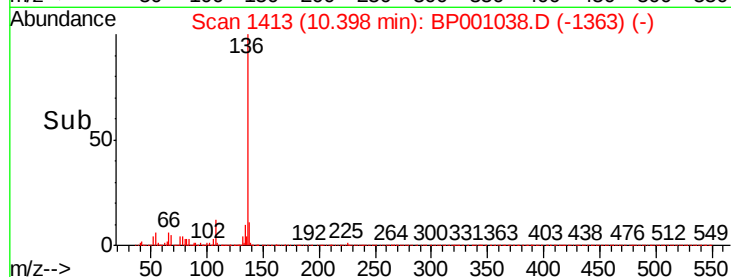
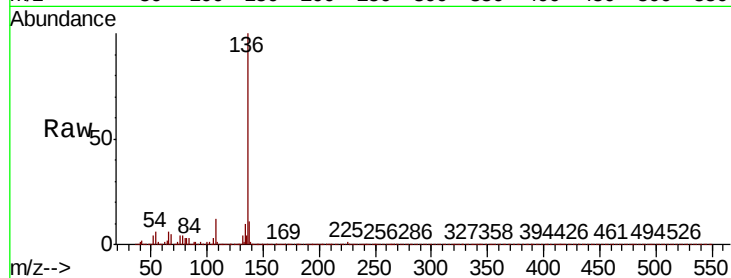




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

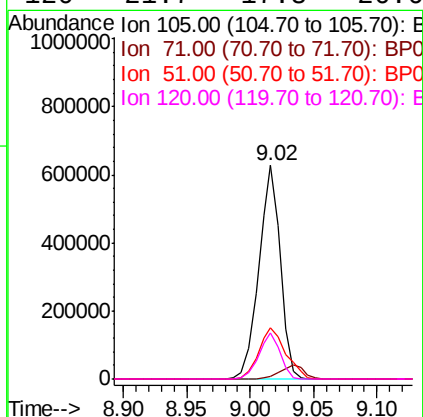
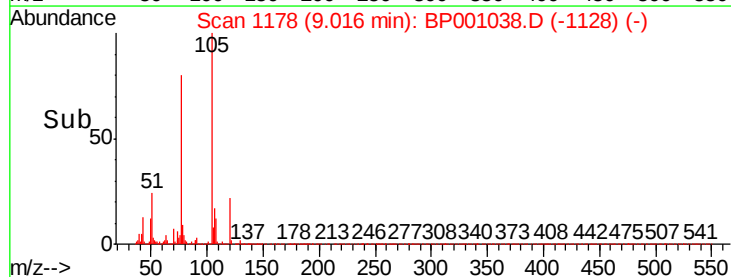
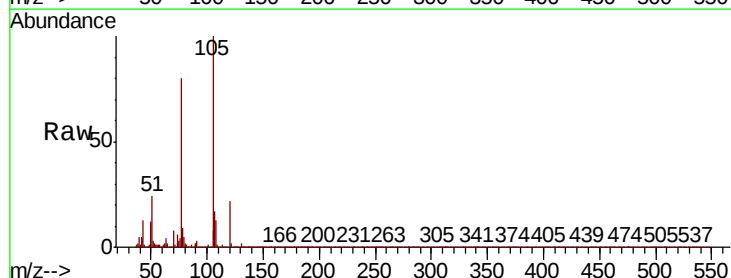
Instrument :
BNA_P
ClientSampleId :

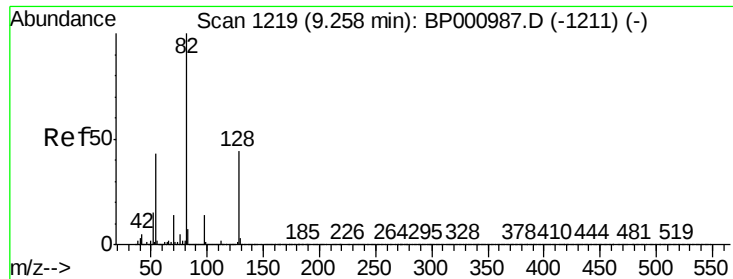
Tot Ion:136	Resp:	731333	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.0	13.6	
54 6.3	5.4	8.2	
68 4.9	4.7	7.1	



#22
Acetophenone
Concen: 39.365 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt	Ion:105	Resp:	743495
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.0	1.4
51	24.1	19.9	29.9
120	21.7	17.8	26.6

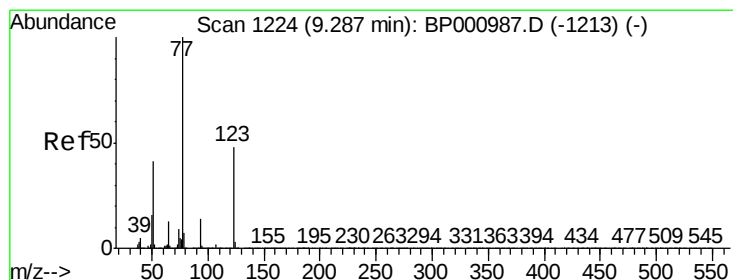
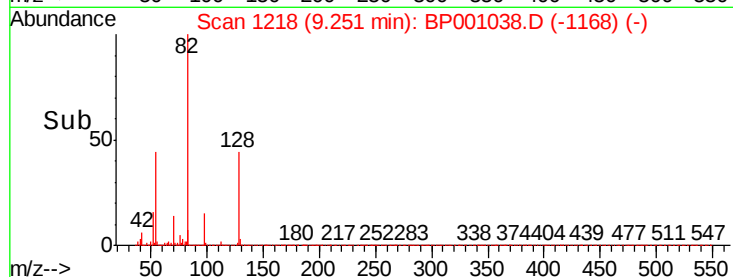
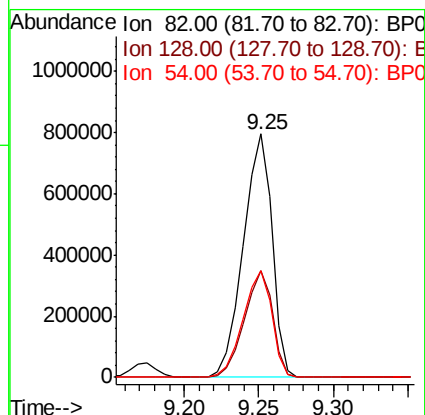
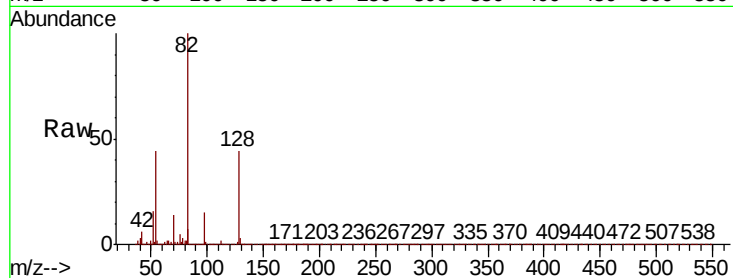




#23
 Nitrobenzene-d5
 Concen: 80.242 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP001038.D
 Acq: 15 Nov 2019 14:03

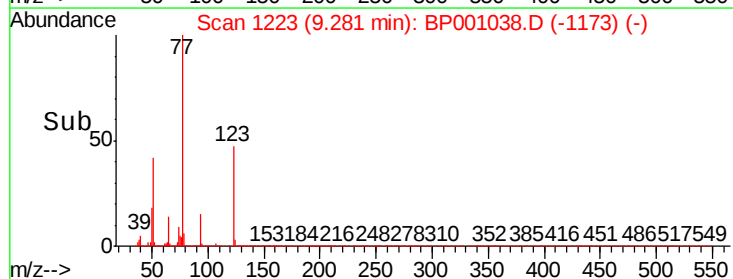
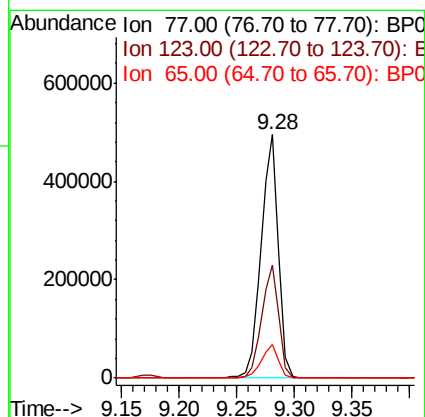
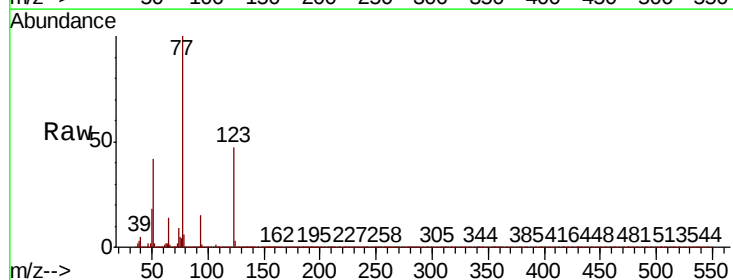
Instrument :
 BNA_P
 ClientSampleId :

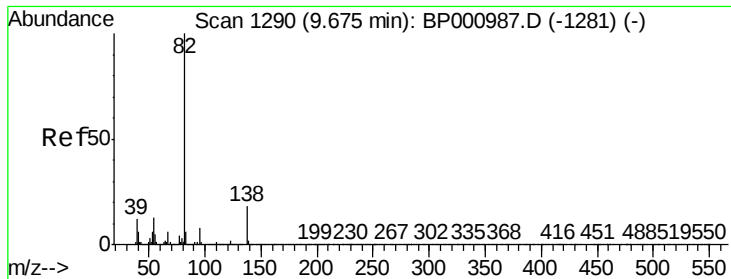
Tot Ion: 82 Resp: 1060870
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.3 52.9
 54 43.7 34.3 51.5



#24
 Nitrobenzene
 Concen: 38.877 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BP001038.D
 Acq: 15 Nov 2019 14:03

Tgt Ion: 77 Resp: 515741
 Ion Ratio Lower Upper
 77 100
 123 46.6 38.1 57.1
 65 13.8 10.2 15.2





#25

Isophorone

Concen: 37.220 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

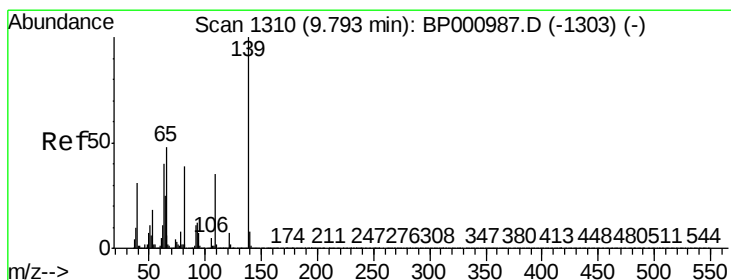
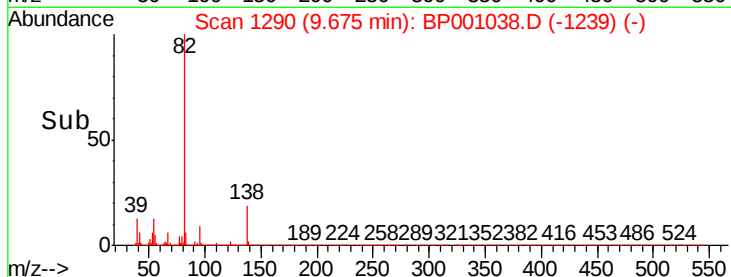
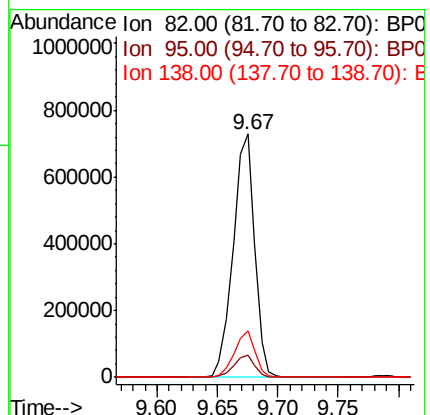
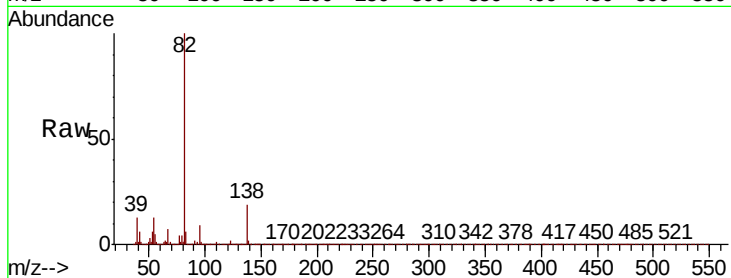
Tot Ion: 82 Resp: 905739

Ion Ratio Lower Upper

82 100

95 8.9 6.2 9.4

138 19.0 14.2 21.4



#26

2-Nitrophenol

Concen: 45.440 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

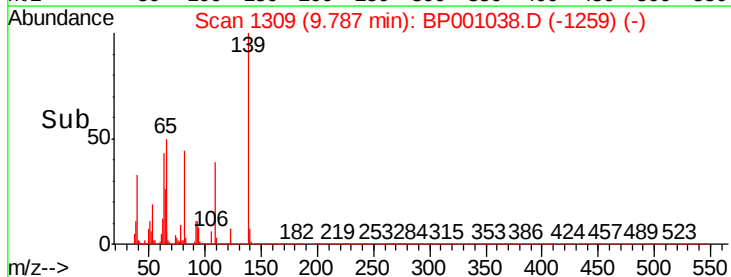
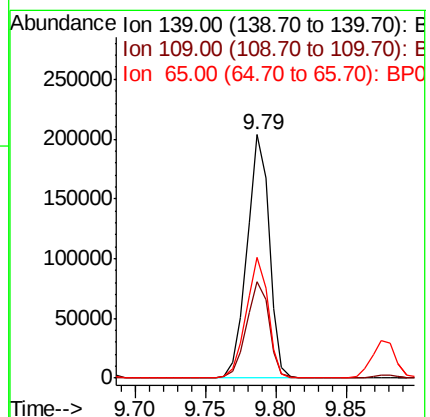
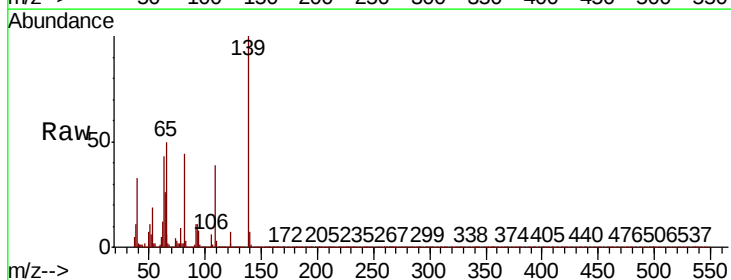
Tgt Ion: 139 Resp: 225265

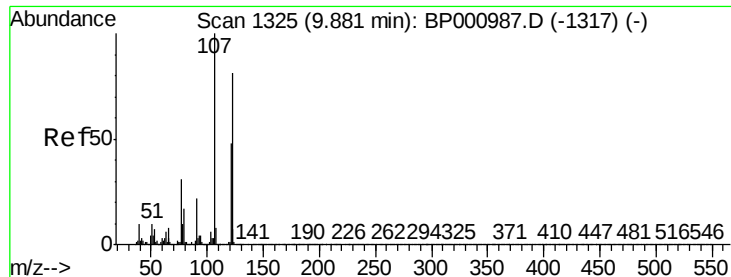
Ion Ratio Lower Upper

139 100

109 39.4 27.7 41.5

65 49.6 38.2 57.4





#27

2,4-Dimethylphenol

Concen: 37.953 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampled :

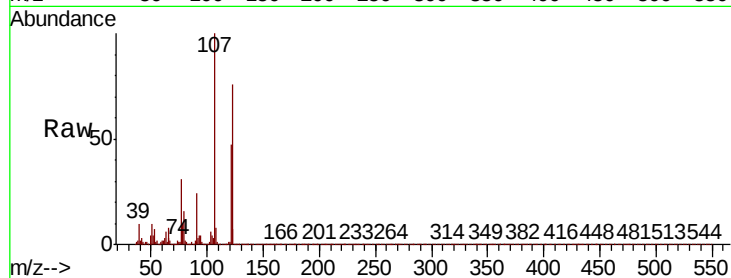
Tot Ion:122 Resp: 352327

Ion Ratio Lower Upper

122 100

107 132.4 99.3 148.9

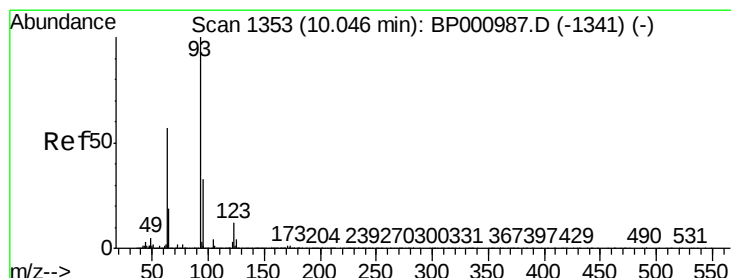
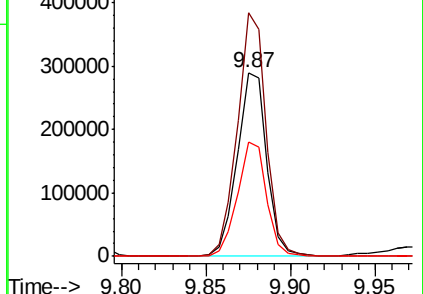
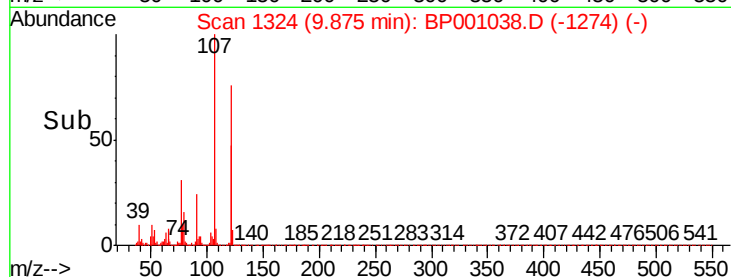
121 62.0 47.9 71.9



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: 36.623 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

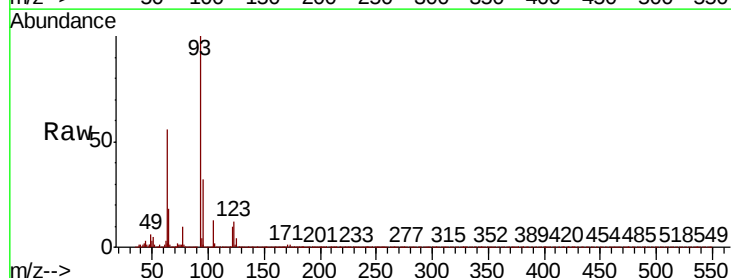
Tgt Ion: 93 Resp: 582699

Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

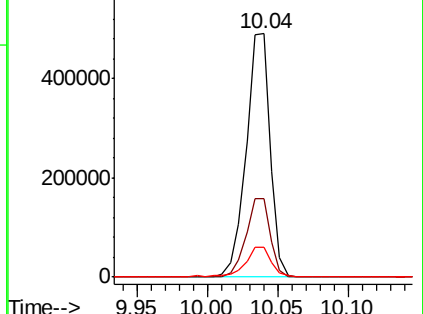
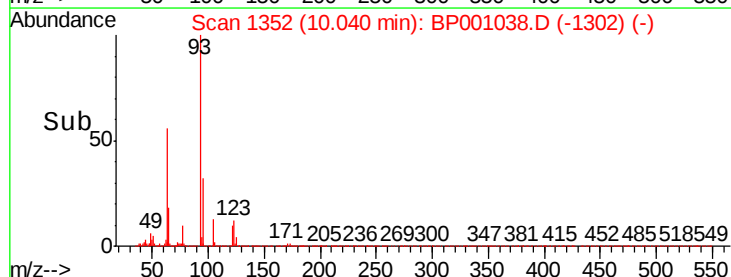
123 12.4 9.6 14.4

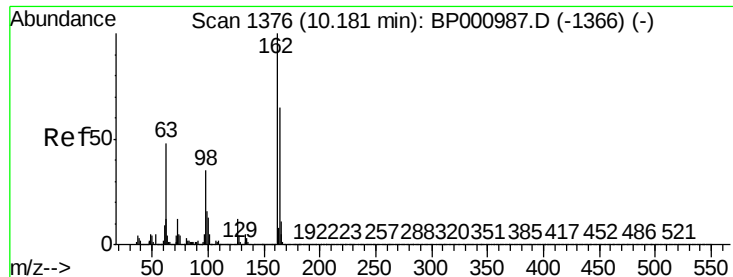


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

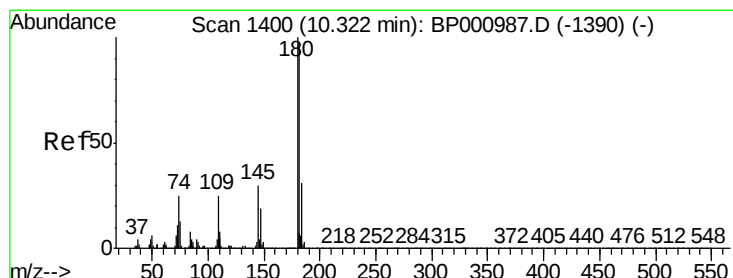
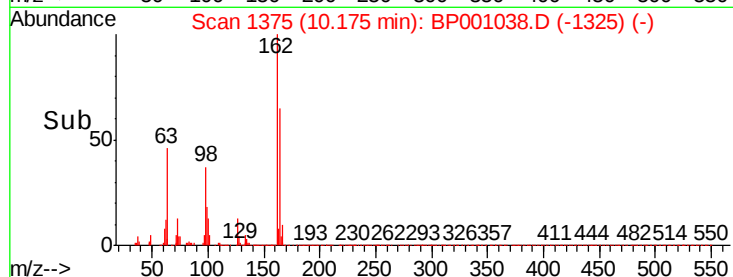
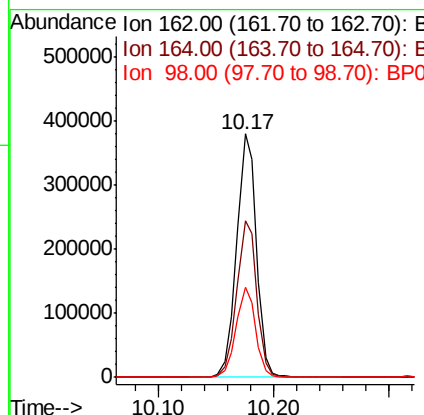
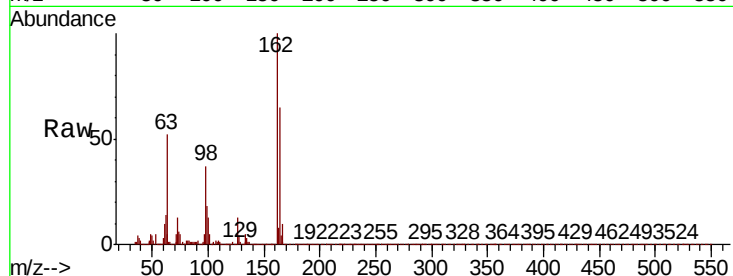




#29
2,4-Dichlorophenol
Concen: 40.134 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

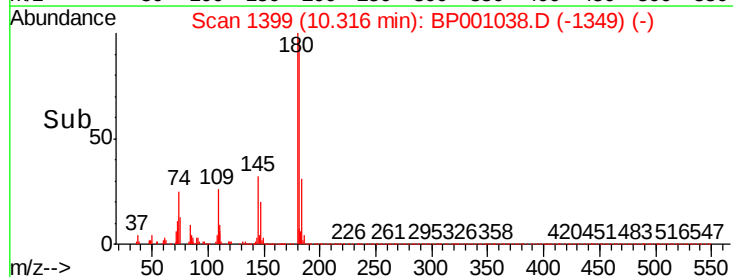
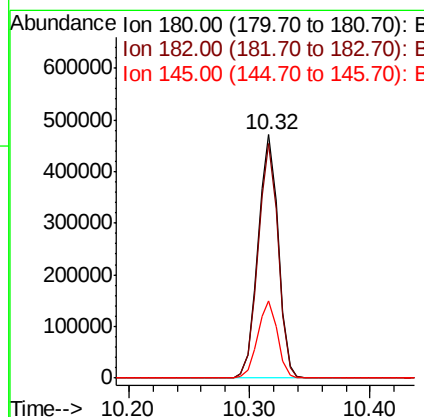
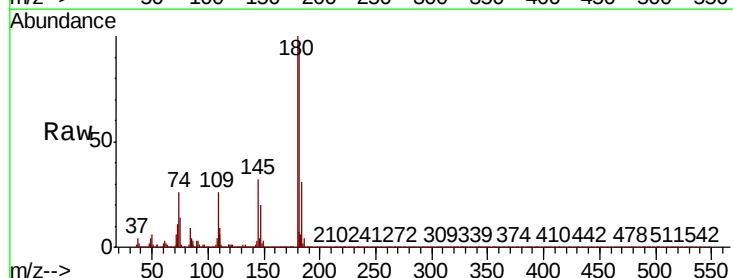
Instrument :
BNA_P
ClientSampleId :

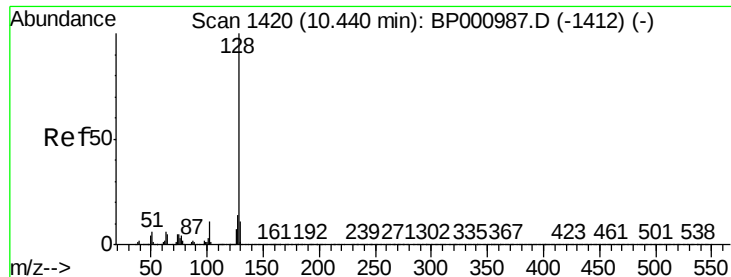
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.5	84.5
98	36.9	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 40.007 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.6
145	31.8	24.2	36.4

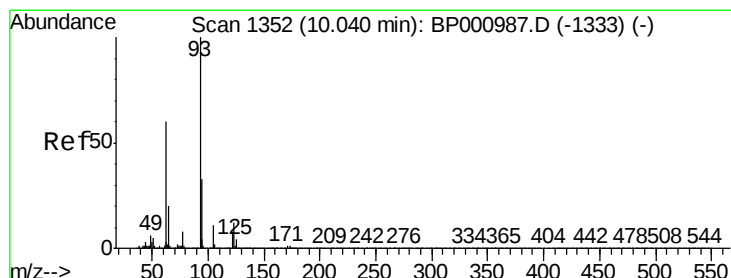
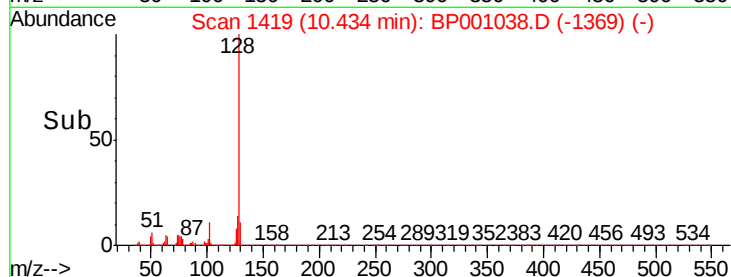
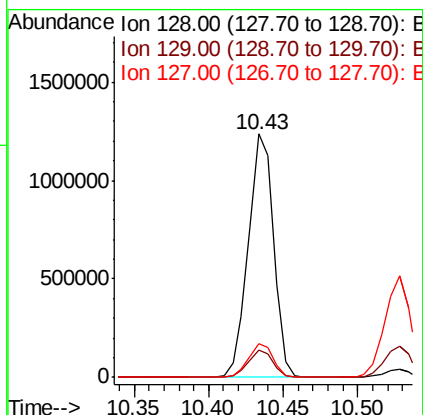
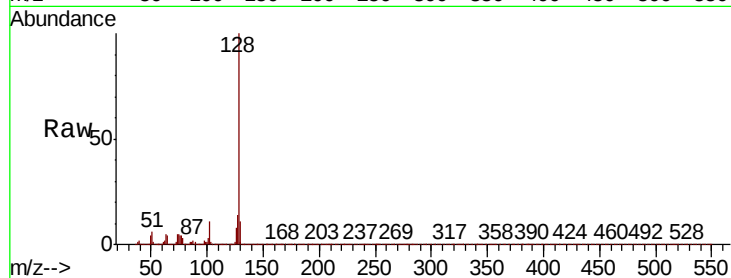




#31
Naphthalene
Concen: 39.376 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

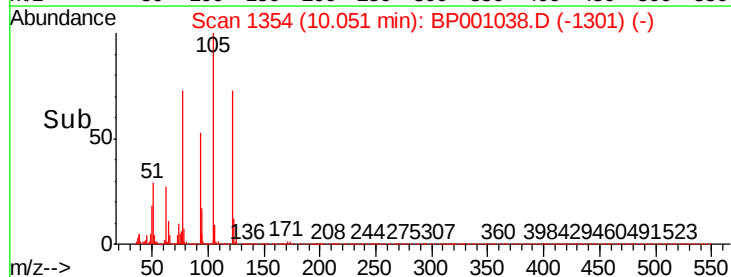
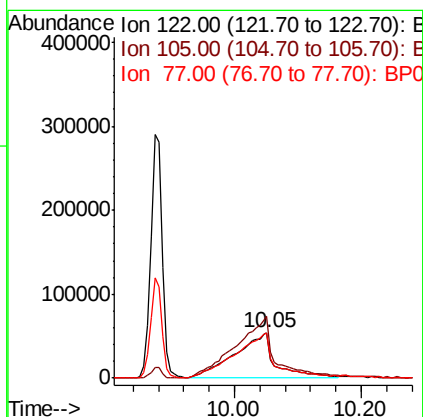
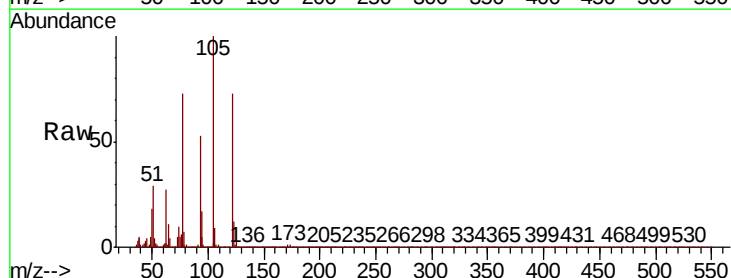
Instrument :
BNA_P
ClientSampleId :

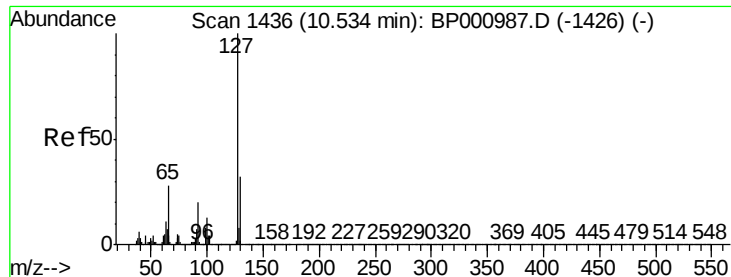
Tot Ion:128 Resp: 1438764
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 43.002 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:122 Resp: 235776
Ion Ratio Lower Upper
122 100
105 136.7 110.5 150.5
77 99.6 77.9 117.9

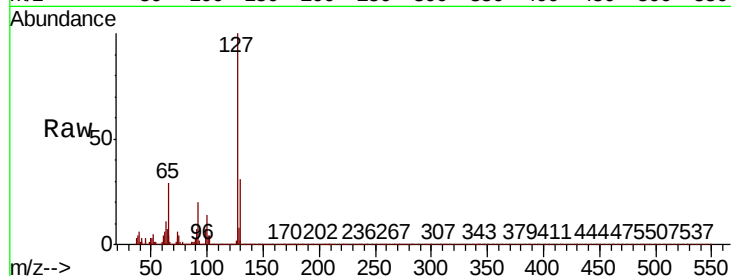




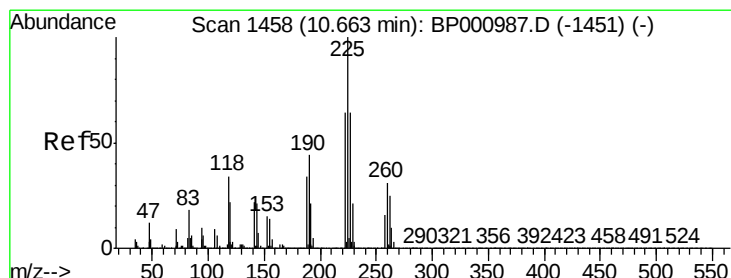
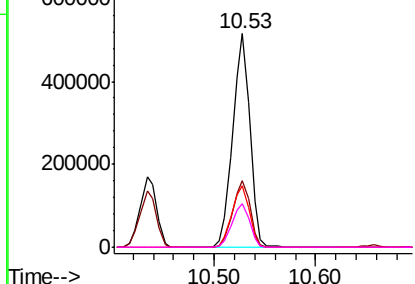
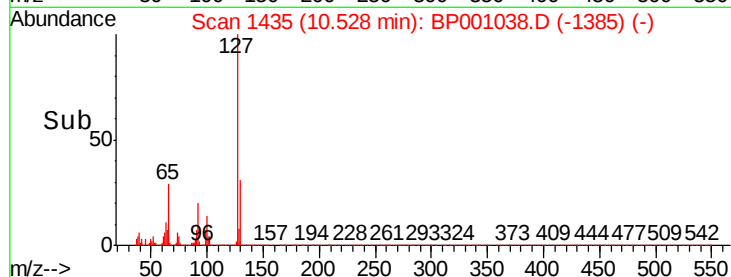
#33
4-Chloroaniline
Concen: 38.658 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	605710
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.6
65	28.7	22.7	34.1
92	20.5	15.8	23.6

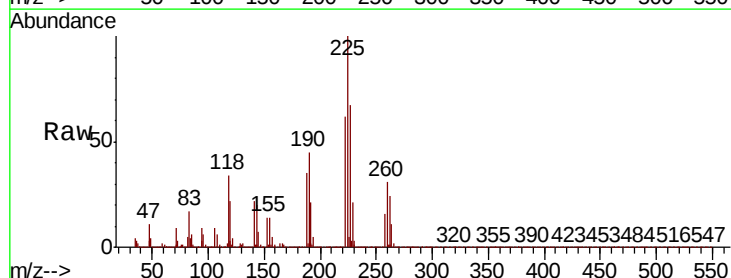


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

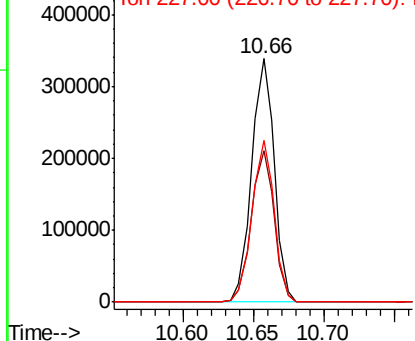
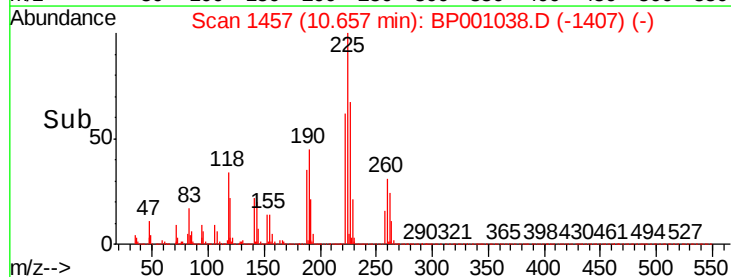


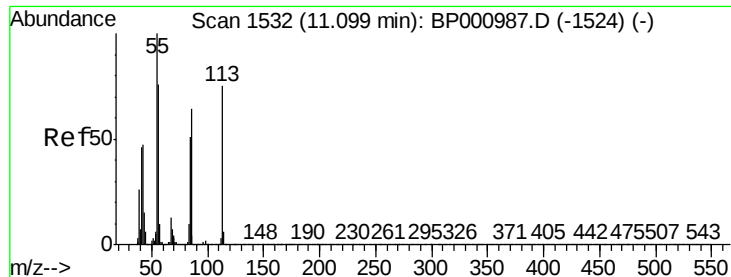
#34
Hexachlorobutadiene
Concen: 42.028 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:	225	Resp:	382225
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.1	76.7
227	66.6	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
400000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

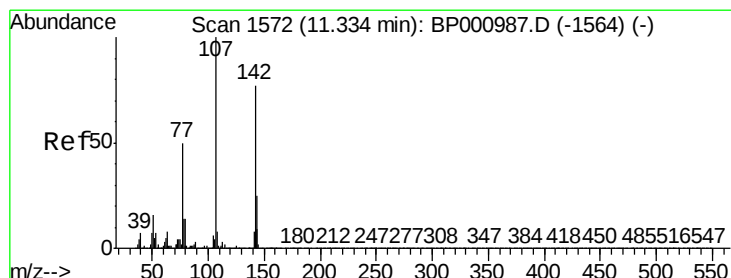
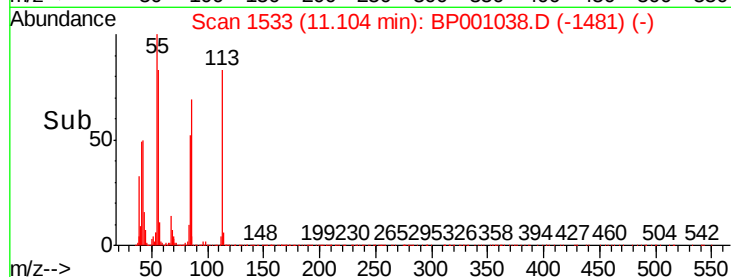
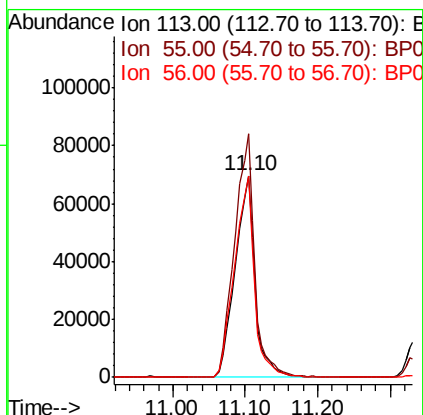
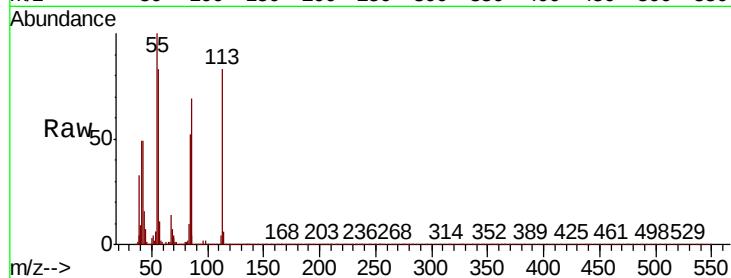




#35
 Caprolactam
 Concen: 37.651 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.01 min
 Lab File: BP001038.D
 Acq: 15 Nov 2019 14:03

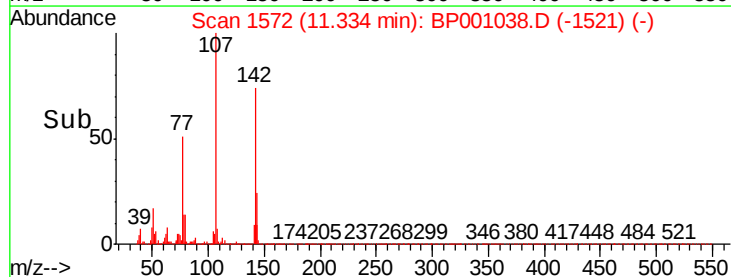
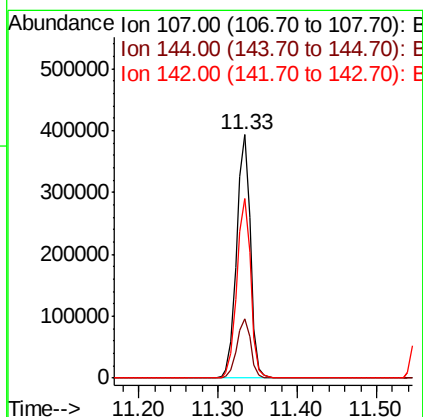
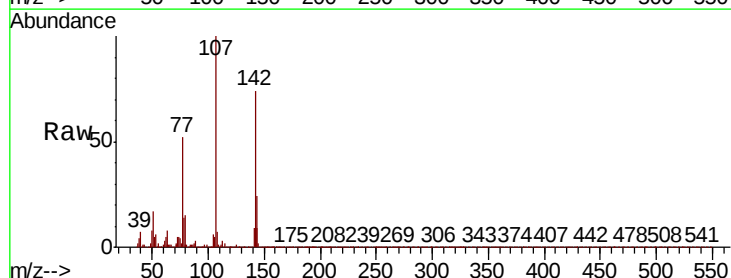
Instrument :
 BNA_P
 ClientSampleId :

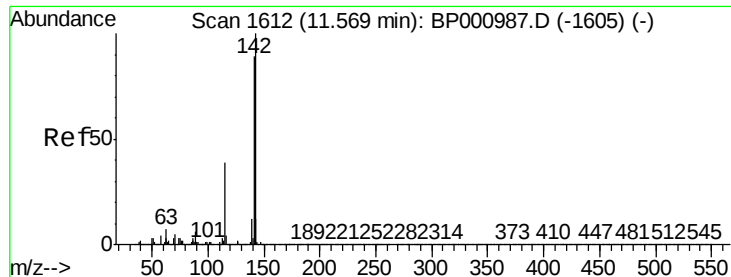
Tot Ion:113 Resp: 133156
 Ion Ratio Lower Upper
 113 100
 55 120.8 114.2 154.2
 56 99.9 81.9 121.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.718 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BP001038.D
 Acq: 15 Nov 2019 14:03

Tgt Ion:107 Resp: 473759
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.0 30.0
 142 73.8 61.9 92.9

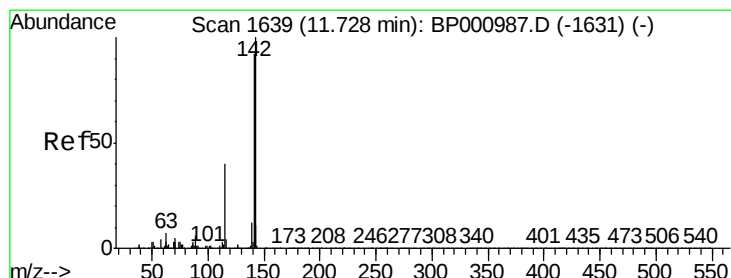
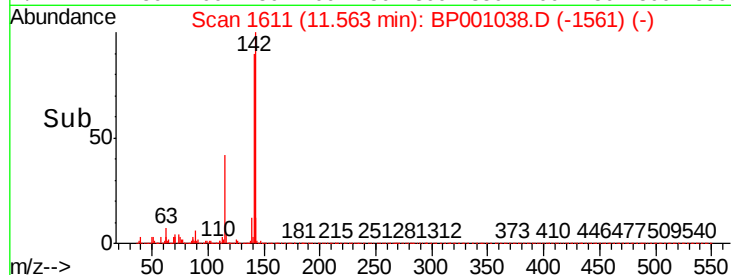
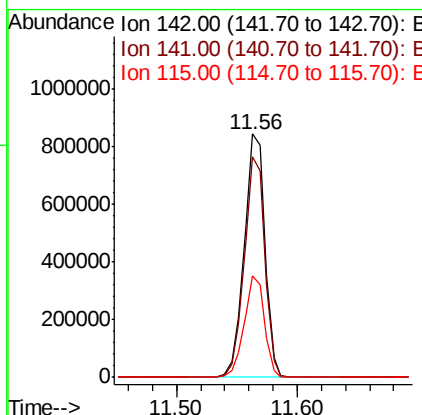
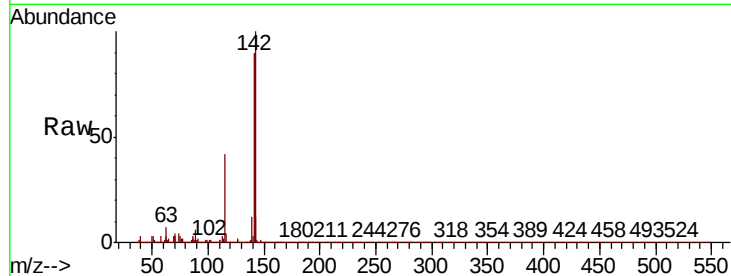




#37
2-Methylnaphthalene
Concen: 39.548 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

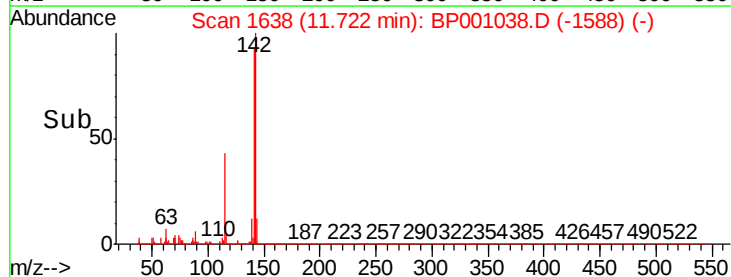
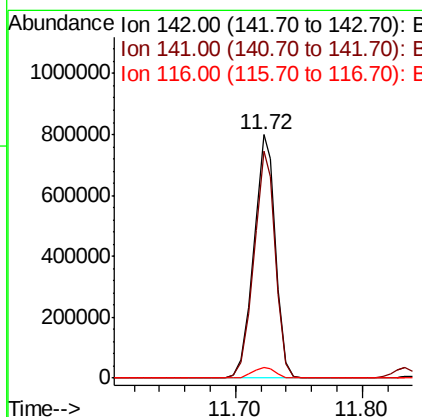
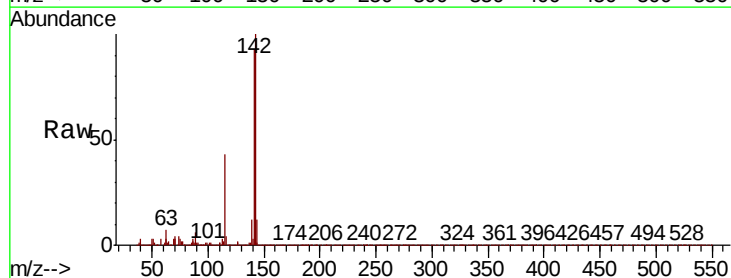
Instrument :
BNA_P
ClientSampled :

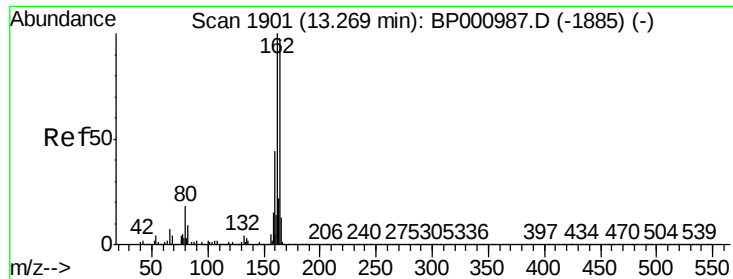
Tot Ion:142 Resp: 1011418
Ion Ratio Lower Upper
142 100
141 90.4 71.5 107.3
115 41.6 30.8 46.2



#38
1-Methylnaphthalene
Concen: 39.356 ng
RT: 11.72 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:142 Resp: 951041
Ion Ratio Lower Upper
142 100
141 93.3 73.9 110.9
116 4.5 3.4 5.0

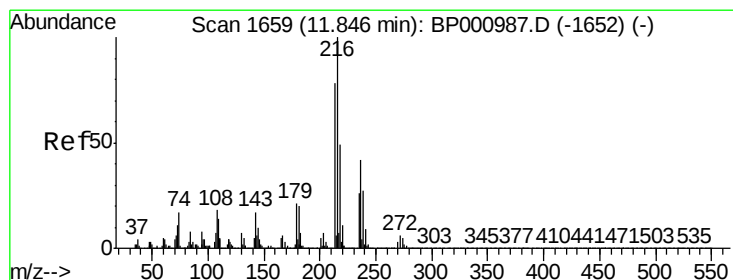
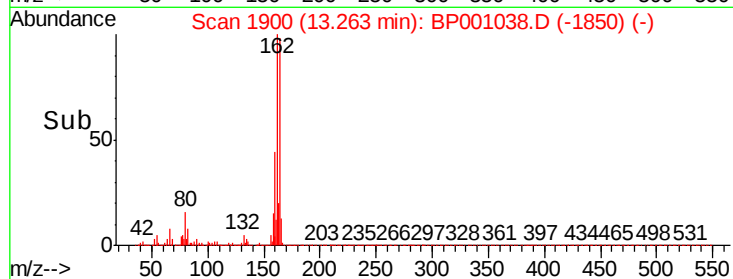
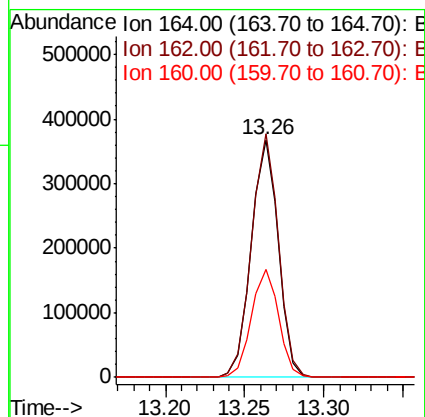
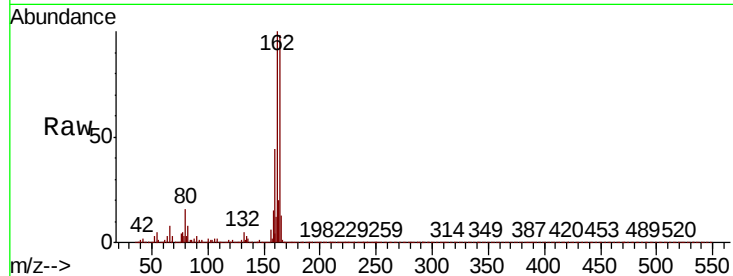




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

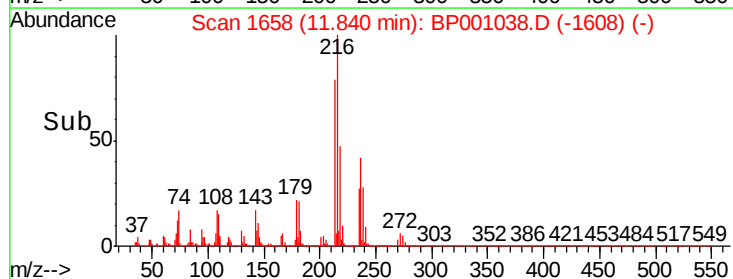
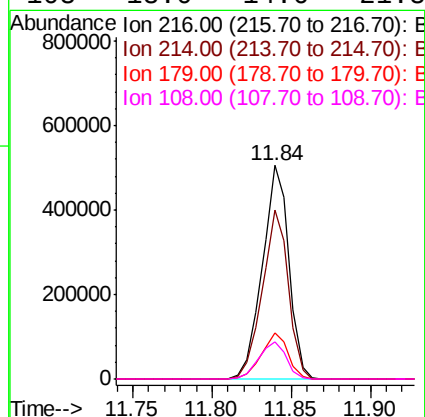
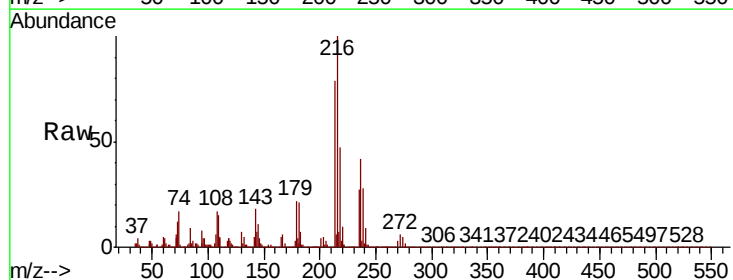
Instrument :
BNA_P
ClientSampleId :

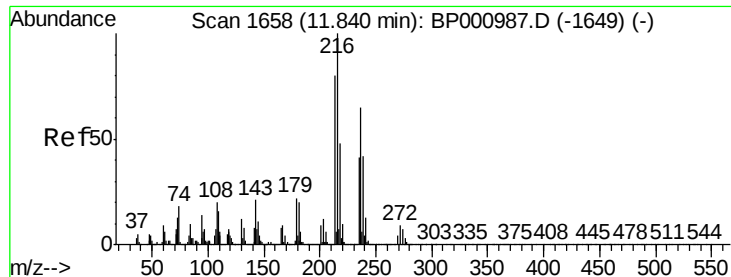
Tot Ion:	164	Resp:	435438
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.5	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.742 ng
RT: 11.84 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:	216	Resp:	590713
Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.8	94.2
179	21.5	16.8	25.2
108	18.0	14.6	21.8

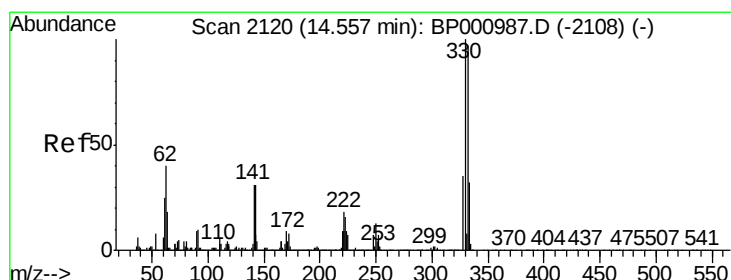
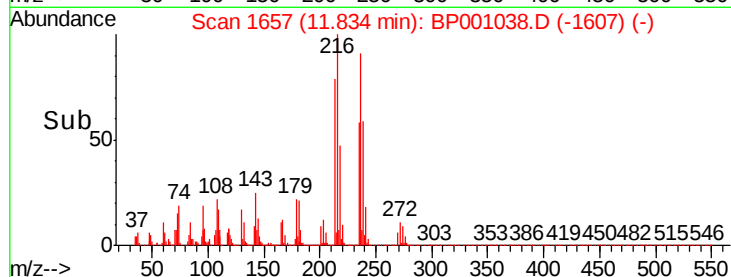
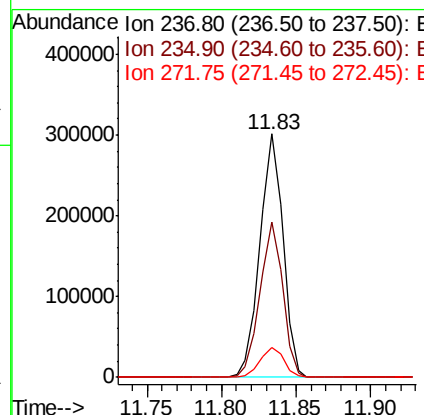
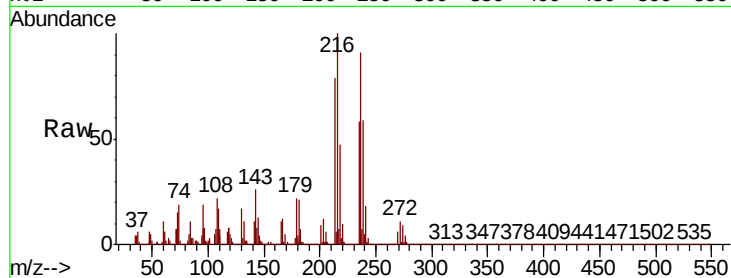




#41
Hexachlorocyclopentadiene
Concen: 44.181 ng
RT: 11.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

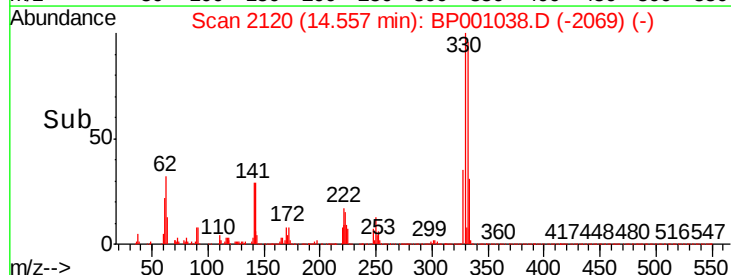
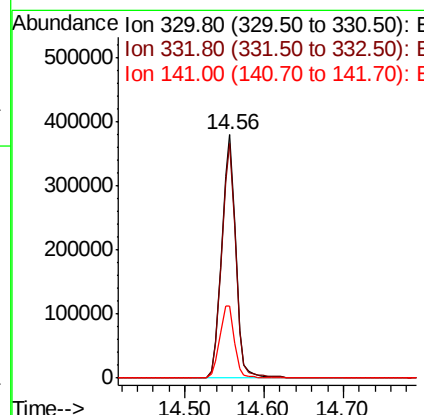
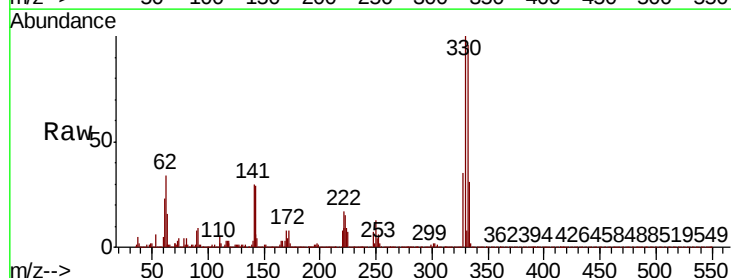
Instrument :
BNA_P
ClientSampleId :

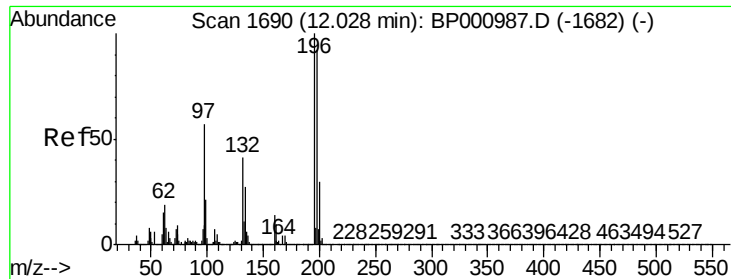
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.1	83.1
272	12.1	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 89.434 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	31.7	25.0	37.4

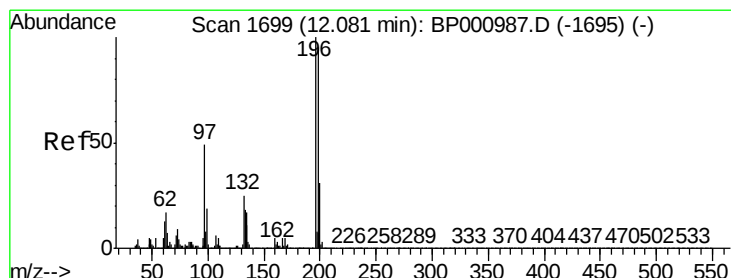
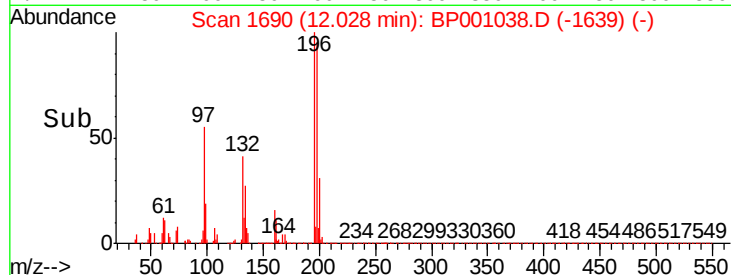
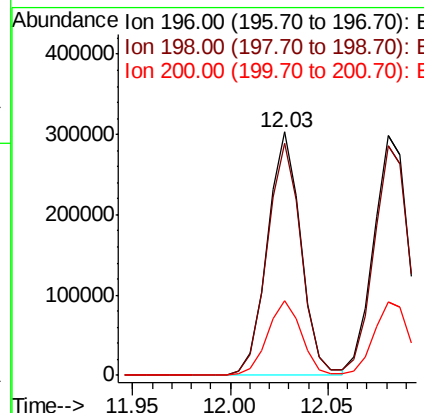
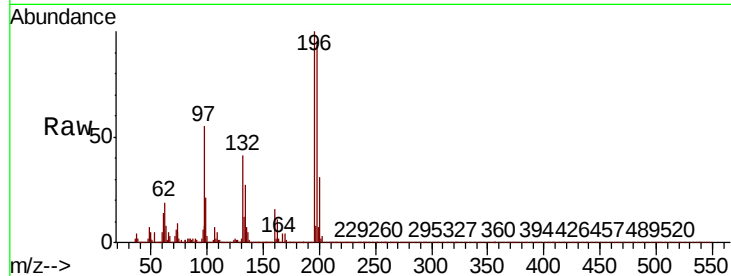




#43
 2,4,6-Trichlorophenol
 Concen: 41.177 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BP001038.D
 Acq: 15 Nov 2019 14:03

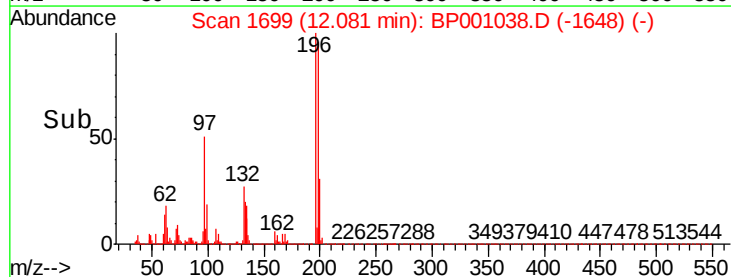
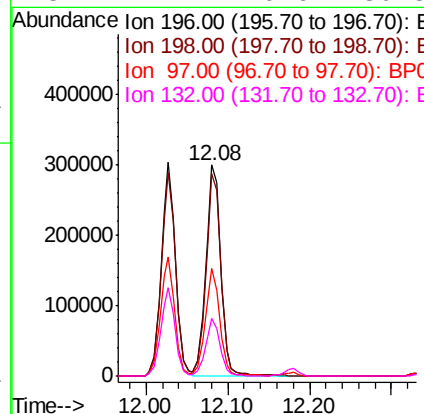
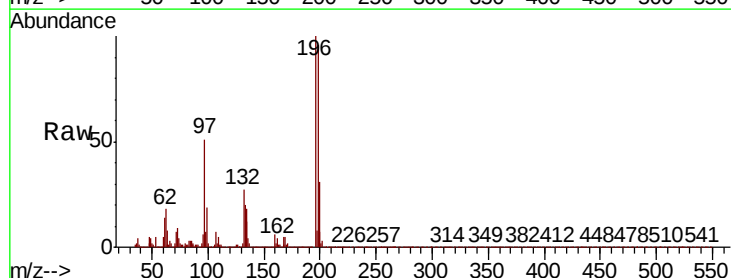
Instrument :
 BNA_P
 ClientSampleId :

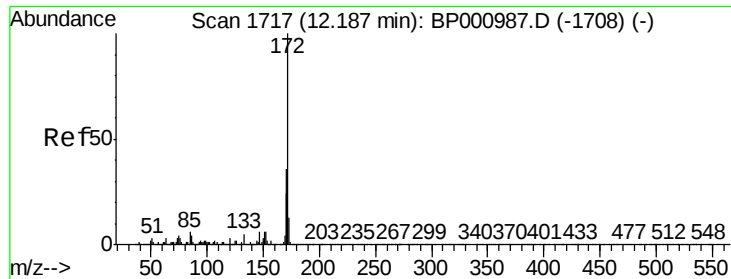
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.0	111.0
200	30.5	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.593 ng
 RT: 12.08 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BP001038.D
 Acq: 15 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.3	114.5
97	50.8	39.1	58.7
132	27.2	20.6	30.8

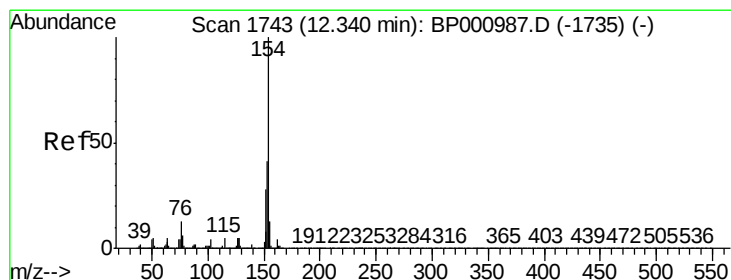
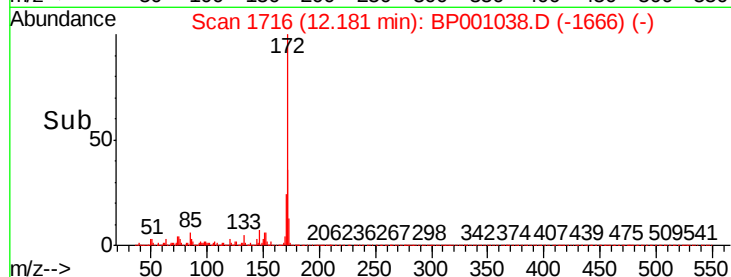
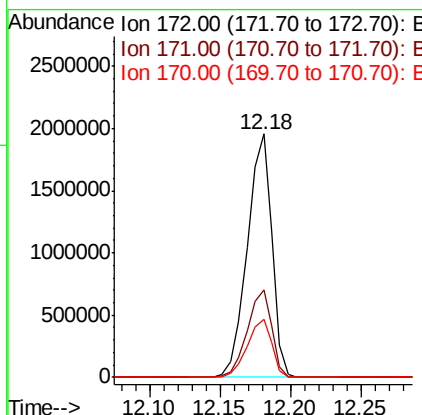
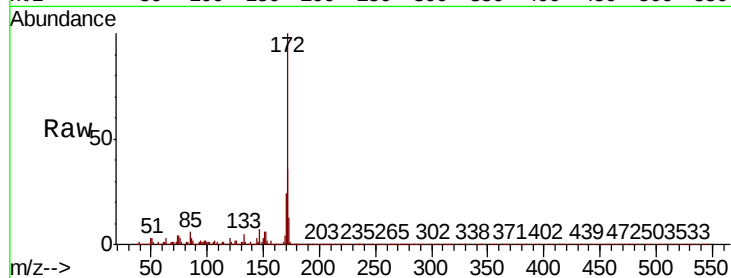




#45
2-Fluorobiphenyl
Concen: 82.500 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

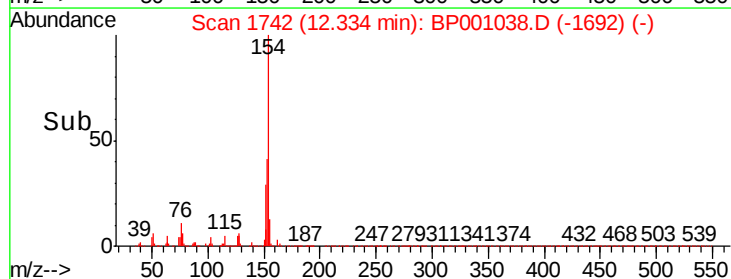
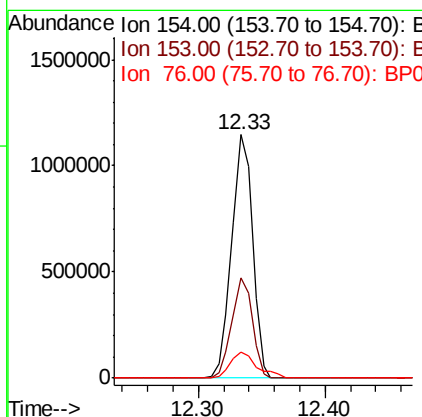
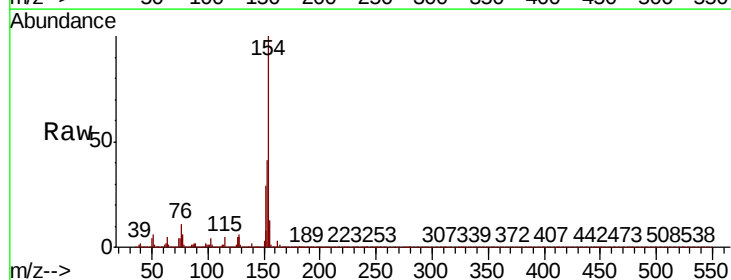
Instrument :
BNA_P
ClientSampleId :

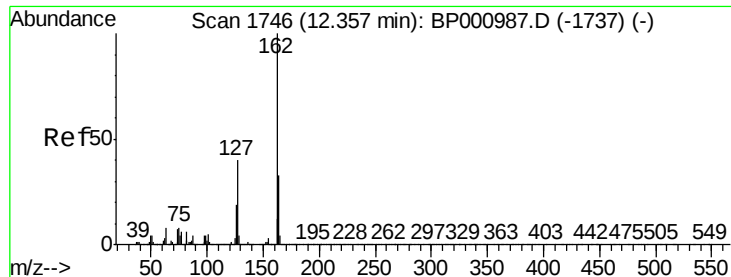
Tot Ion:172 Resp: 2385210
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.979 ng
RT: 12.33 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:154 Resp: 1301654
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 10.9 0.0 32.5

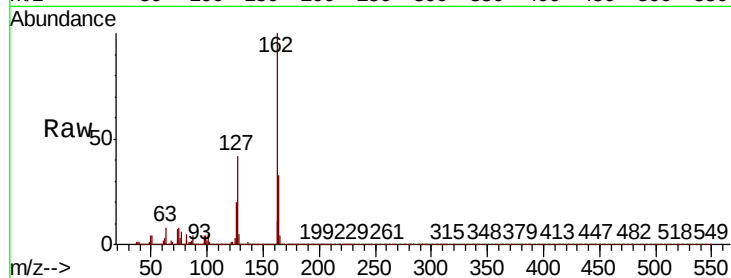




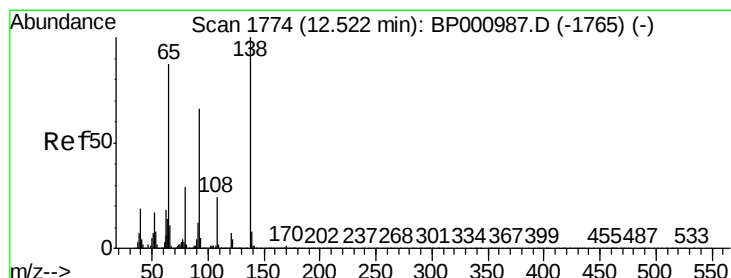
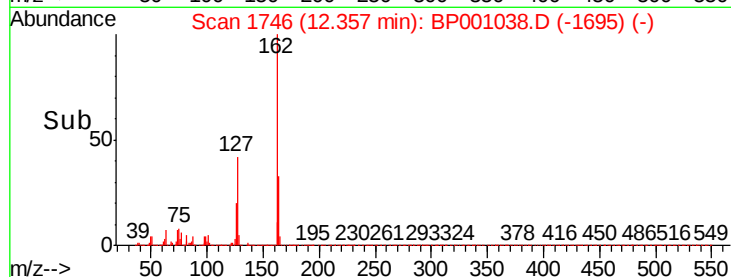
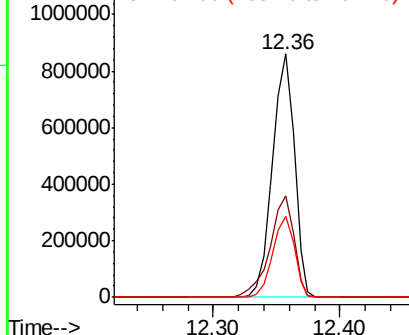
#47
2-Chloronaphthalene
Concen: 39.519 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Instrument :
BNA_P
ClientSampleId :

Tot Ion:162 Resp: 1035812
Ion Ratio Lower Upper
162 100
127 41.9 32.1 48.1
164 33.1 26.1 39.1

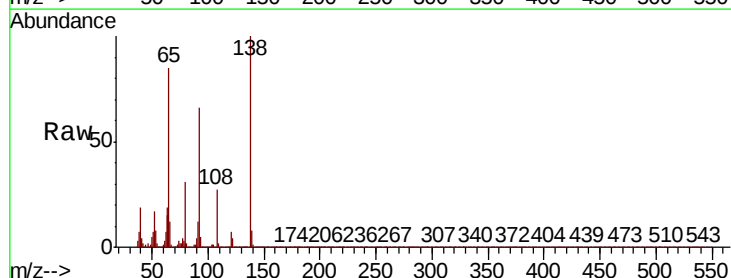


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

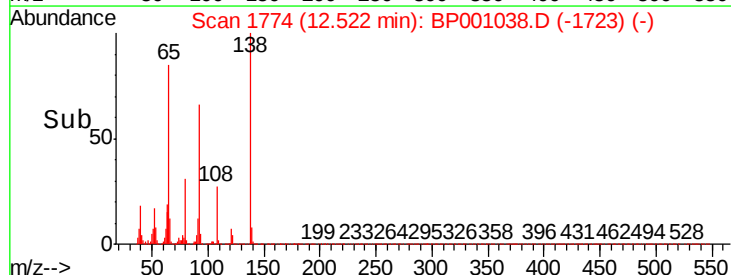
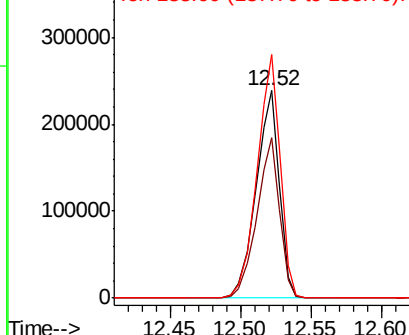


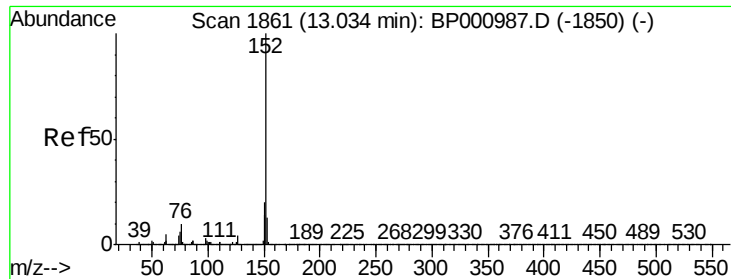
#48
2-Nitroaniline
Concen: 40.347 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion: 65 Resp: 276803
Ion Ratio Lower Upper
65 100
92 77.5 61.4 92.2
138 117.4 92.5 138.7



Abundance Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.249 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

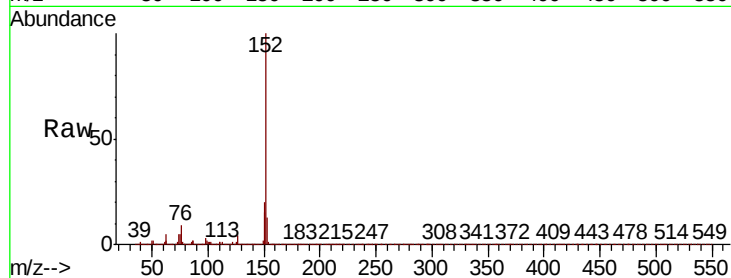
Tot Ion:152 Resp: 1563916

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.2	10.6	16.0

152 100

151 20.4 16.0 24.0

153 13.2 10.6 16.0

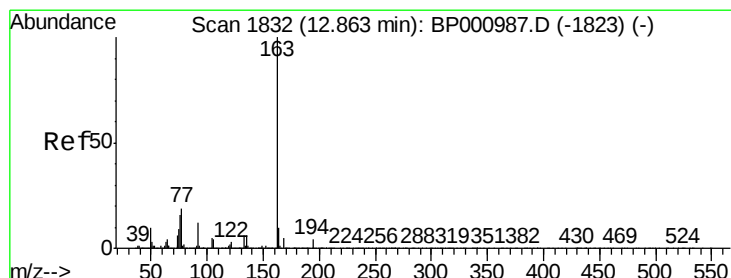
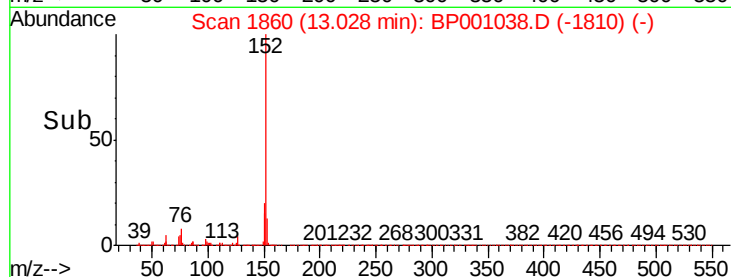
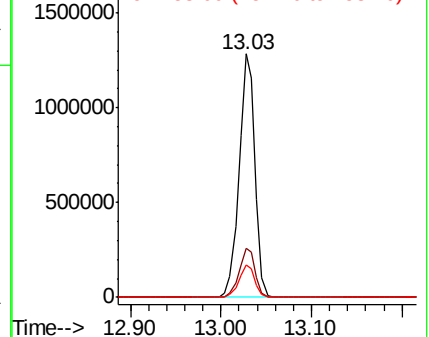


Abundance

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: 39.498 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

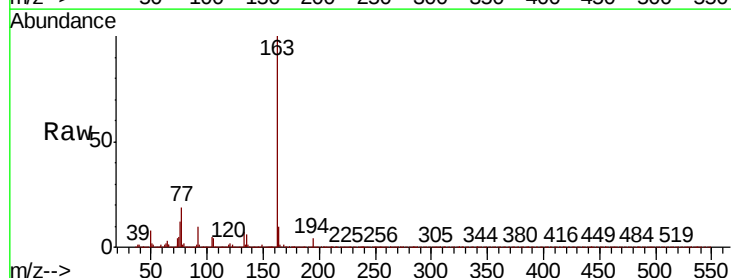
Tgt Ion:163 Resp: 1271758

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.7	7.9	11.9

163 100

194 4.2 3.4 5.2

164 9.7 7.9 11.9

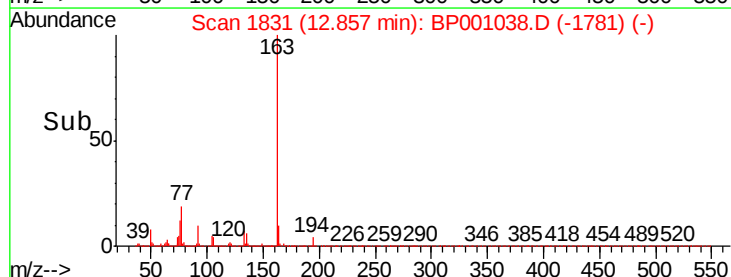
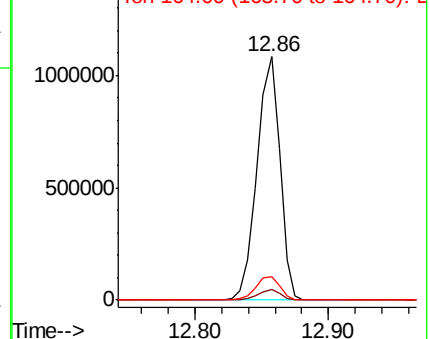


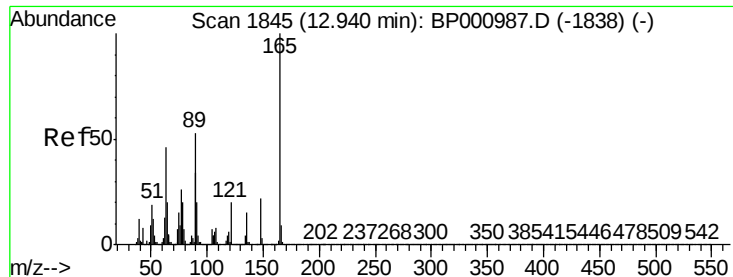
Abundance

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

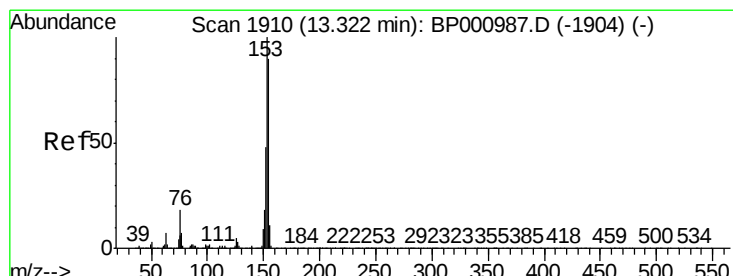
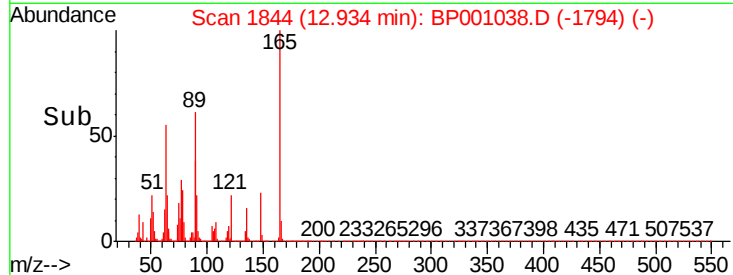
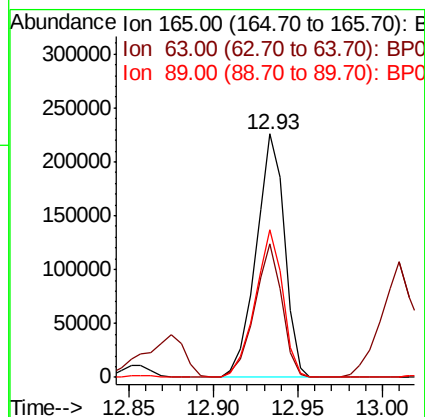
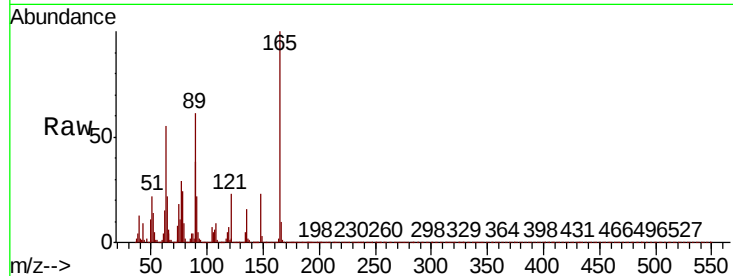




#51
2,6-Dinitrotoluene
Concen: 39.348 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

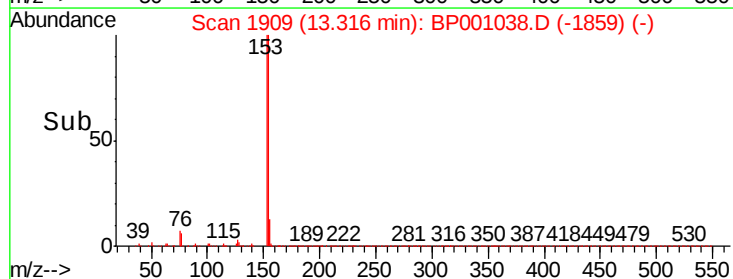
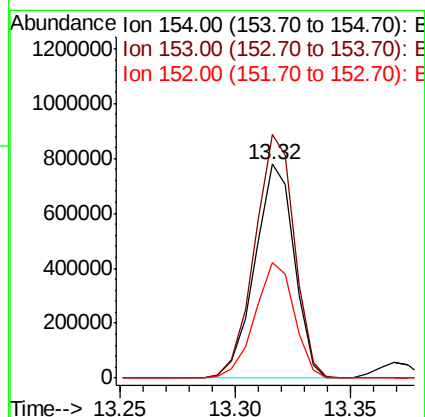
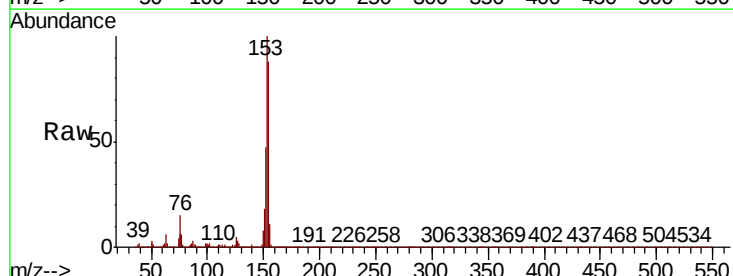
Instrument :
BNA_P
ClientSampleId :

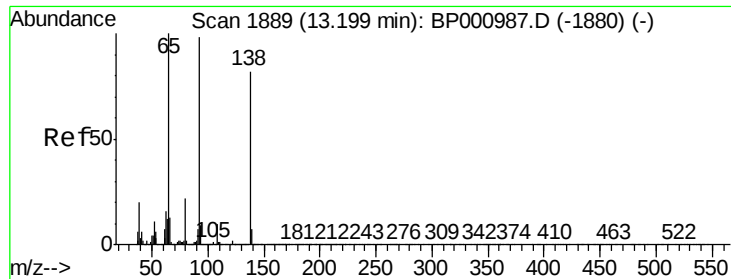
Tot Ion:165 Resp: 264272
Ion Ratio Lower Upper
165 100
63 54.8 36.7 55.1
89 60.6 42.3 63.5



#52
Acenaphthene
Concen: 38.934 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:154 Resp: 927899
Ion Ratio Lower Upper
154 100
153 113.8 88.9 133.3
152 53.8 42.4 63.6

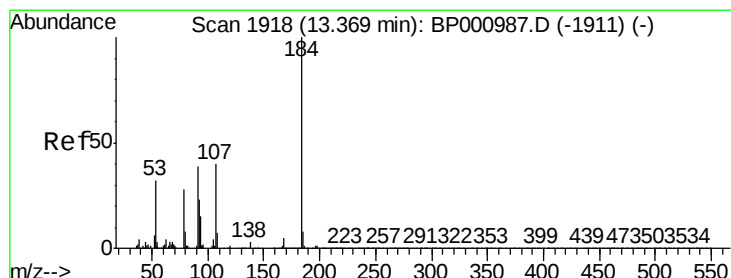
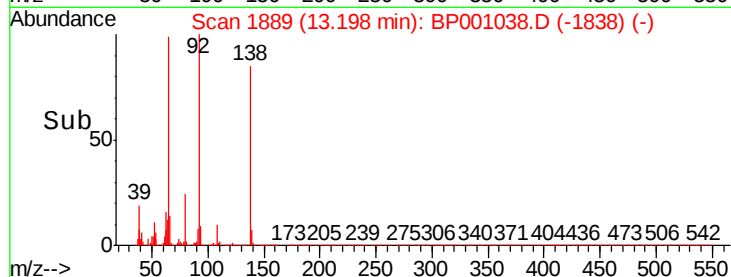
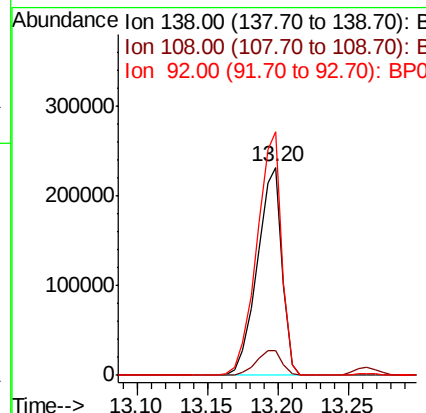
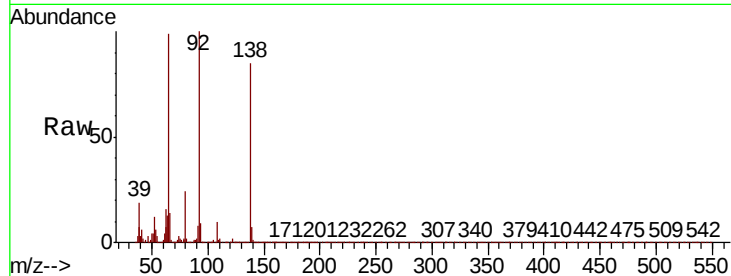




#53
3-Nitroaniline
Concen: 38.902 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

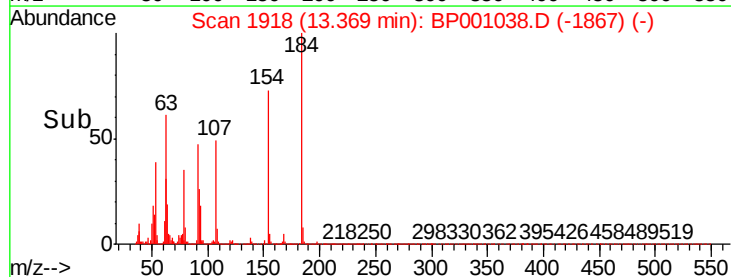
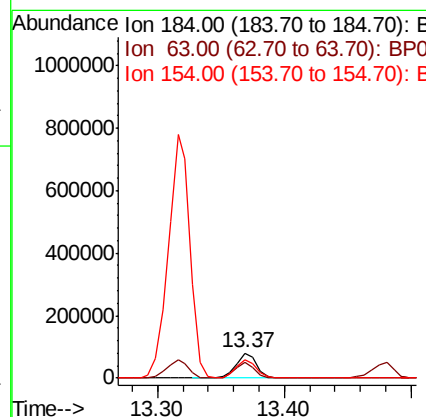
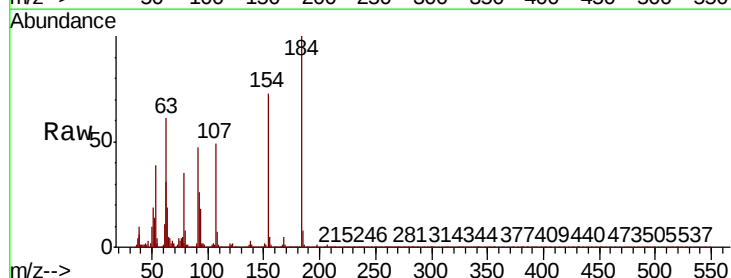
Instrument :
BNA_P
ClientSampleId :

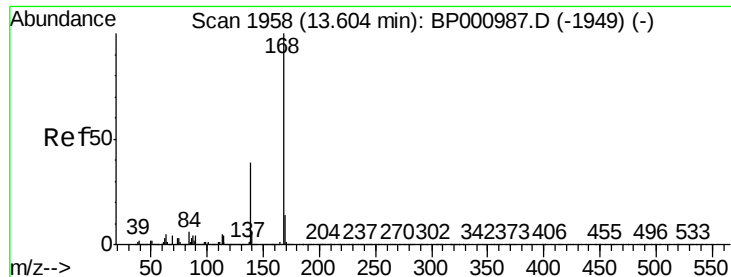
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	10.1	15.1
92	117.2	95.4	143.0



#54
2,4-Dinitrophenol
Concen: 47.582 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	41.0	61.6
154	72.8	48.1	72.1





#55

Dibenzofuran

Concen: 39.397 ng

RT: 13.60 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

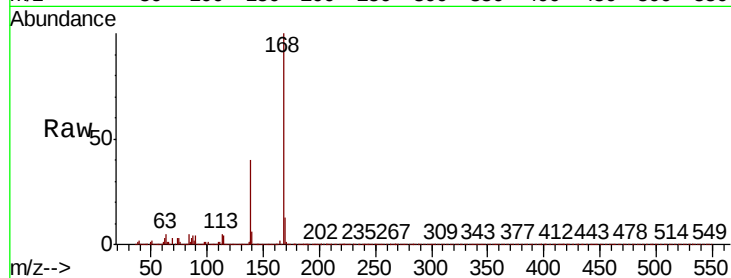
Tot Ion:168 Resp: 1466560

Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.9	46.3
169	13.4	10.9	16.3

168 100

139 40.1 30.9 46.3

169 13.4 10.9 16.3

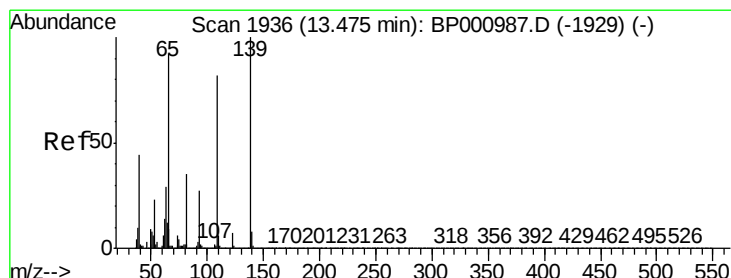
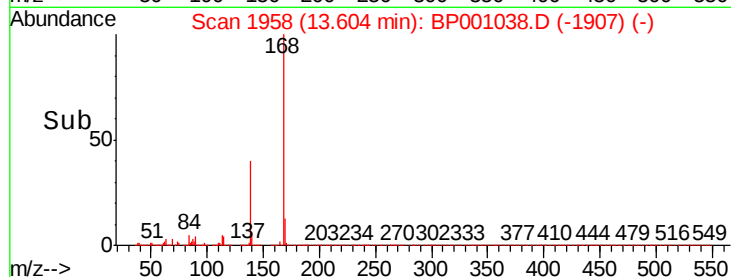
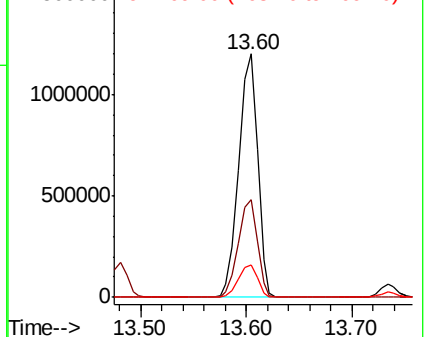


Abundance

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: 40.343 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

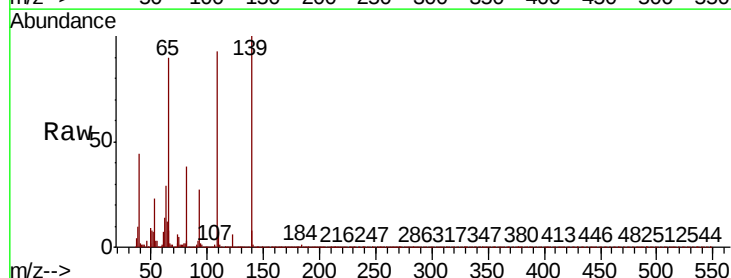
Tgt Ion:139 Resp: 205518

Ion	Ratio	Lower	Upper
139	100		
109	92.6	61.6	101.6
65	90.1	72.0	112.0

139 100

109 92.6 61.6 101.6

65 90.1 72.0 112.0

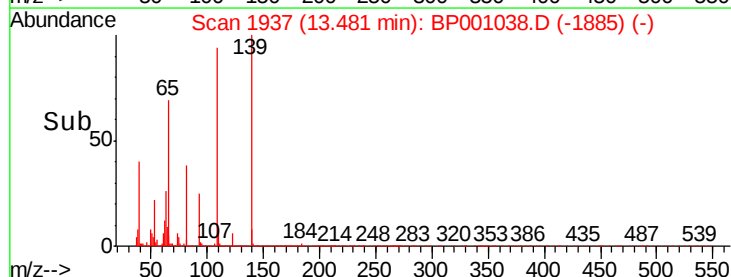
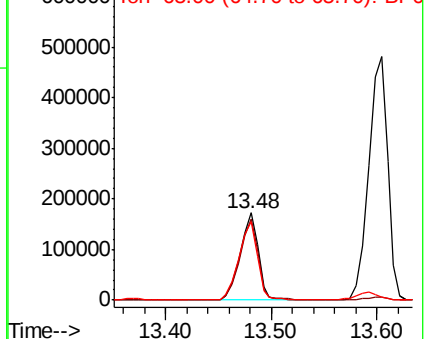


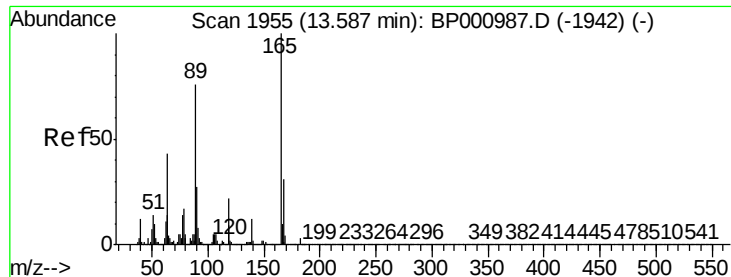
Abundance

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): BPO

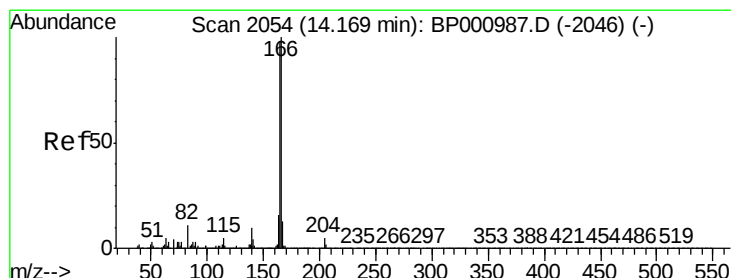
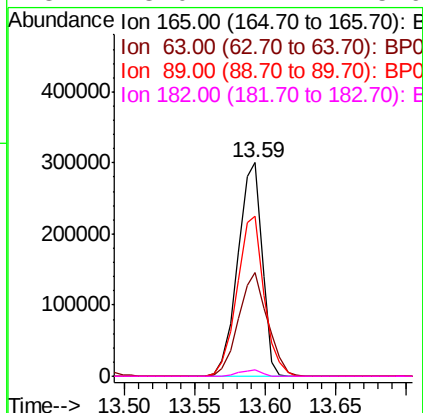
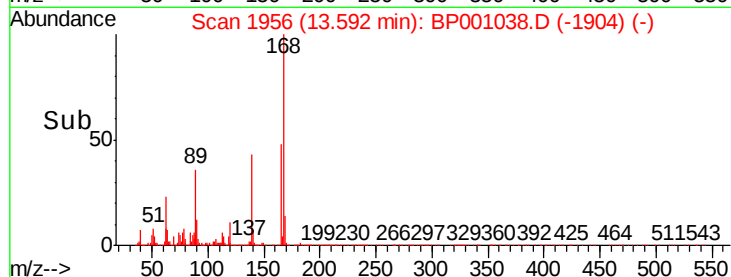
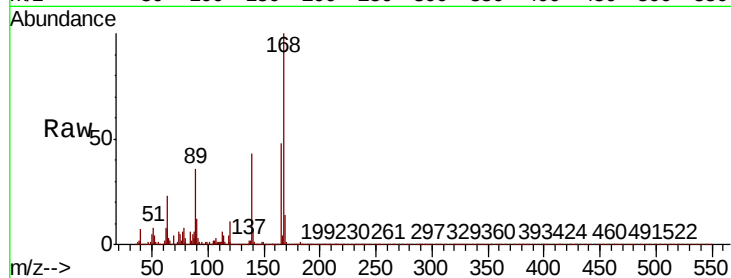




#57
2,4-Dinitrotoluene
Concen: 42.565 ng
RT: 13.59 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

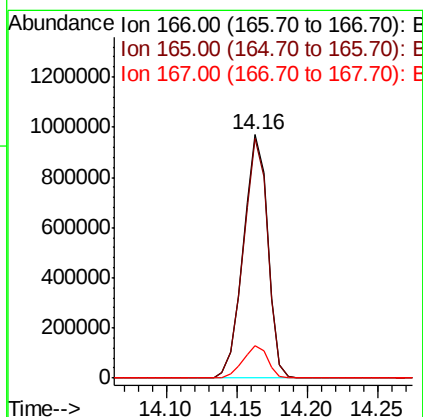
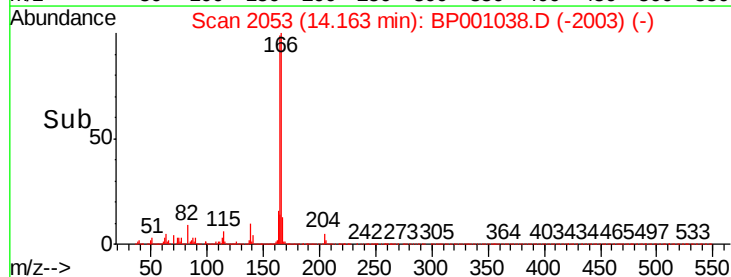
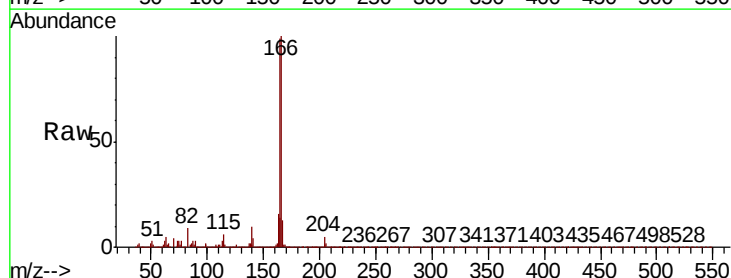
Instrument :
BNA_P
ClientSampleId :

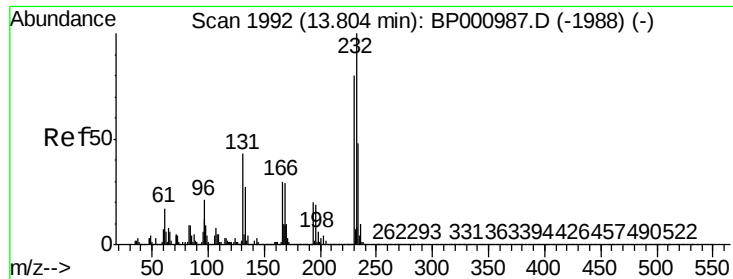
Tot Ion:165 Resp: 359079
Ion Ratio Lower Upper
165 100
63 48.8 34.3 51.5
89 74.6 60.5 90.7
182 3.0 2.4 3.6



#58
Fluorene
Concen: 39.453 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:166 Resp: 1168815
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 13.2 10.7 16.1

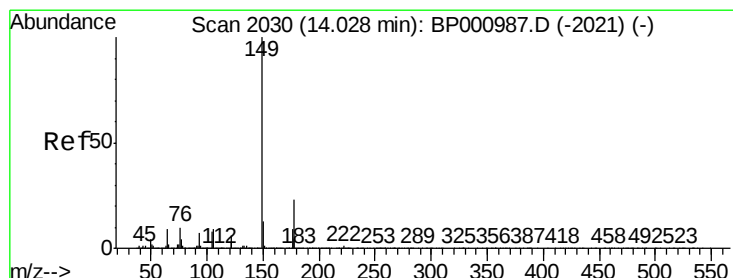
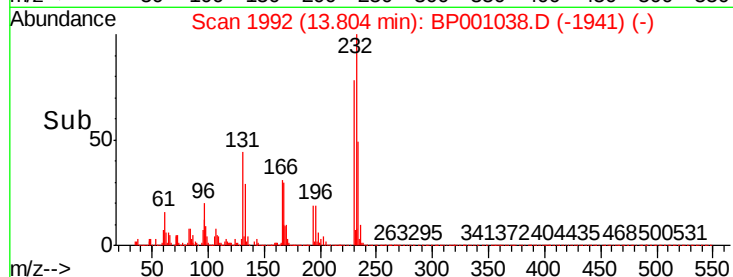
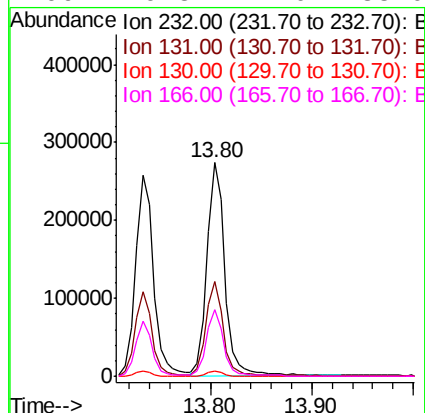
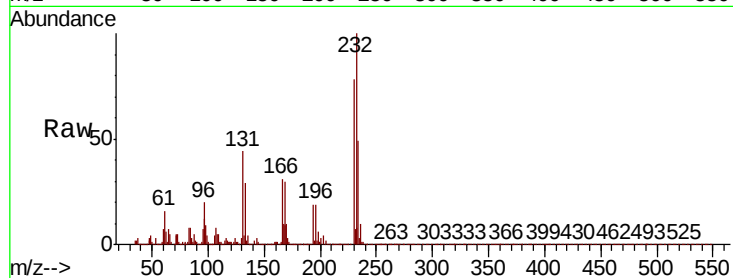




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.235 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

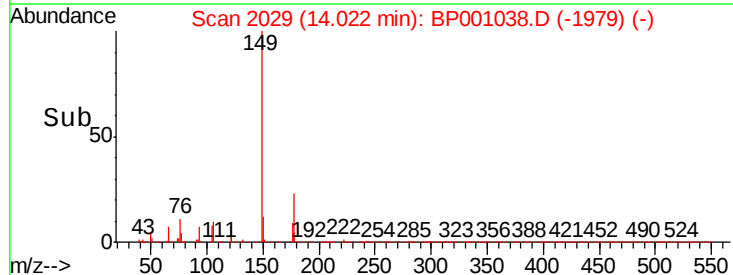
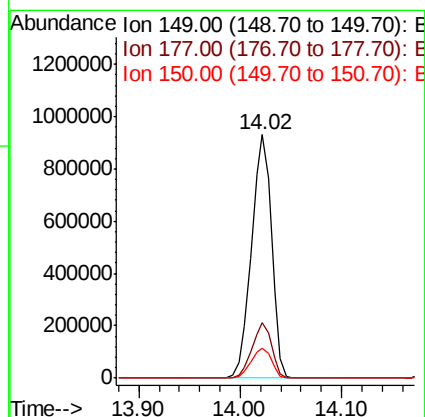
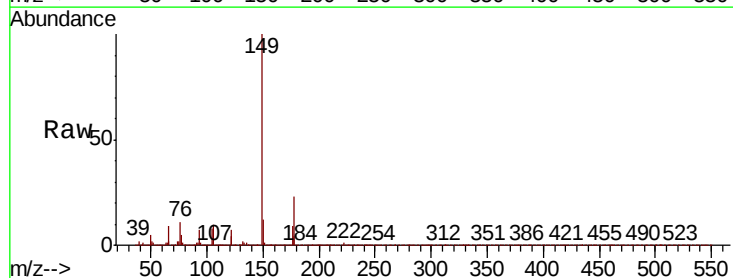
Instrument :
BNA_P
ClientSampleId :

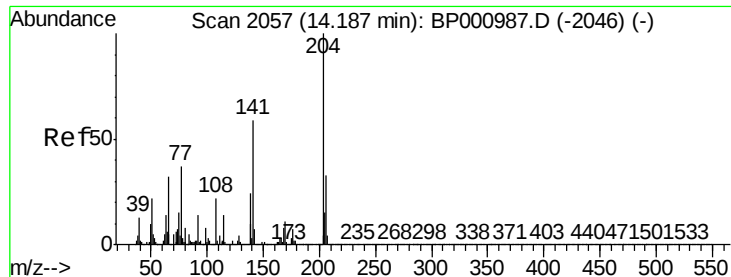
Tot Ion:	232	Resp:	335643
Ion	Ratio	Lower	Upper
232	100		
131	43.7	32.2	48.2
130	2.6	1.7	2.5#
166	29.8	22.0	33.0



#60
Diethylphthalate
Concen: 39.456 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:	149	Resp:	1276090
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.5	10.2	15.2

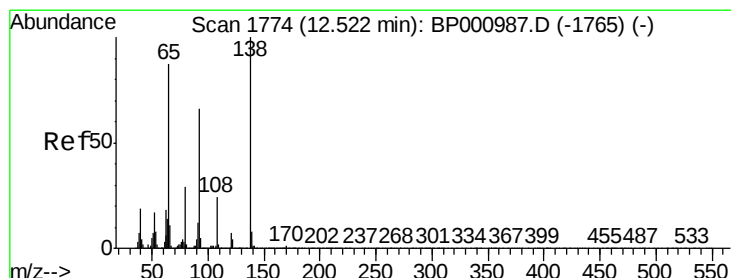
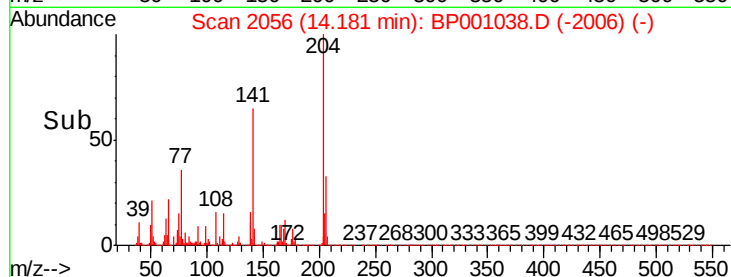
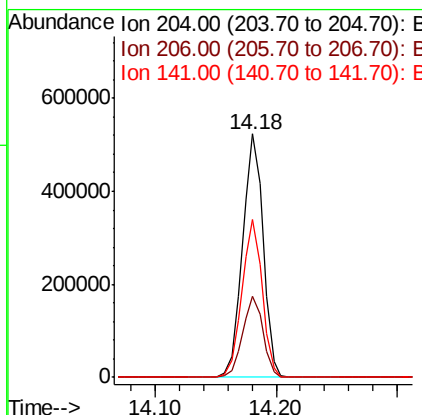
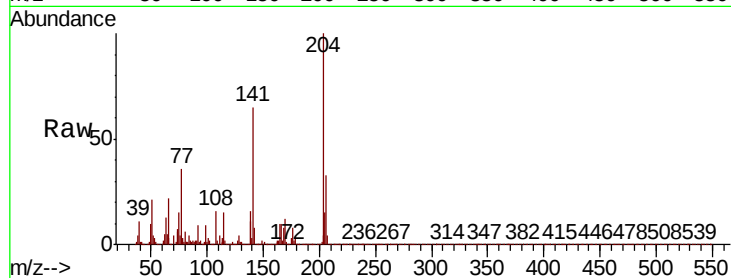




#61
4-Chlorophenyl-phenylether
Concen: 39.744 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

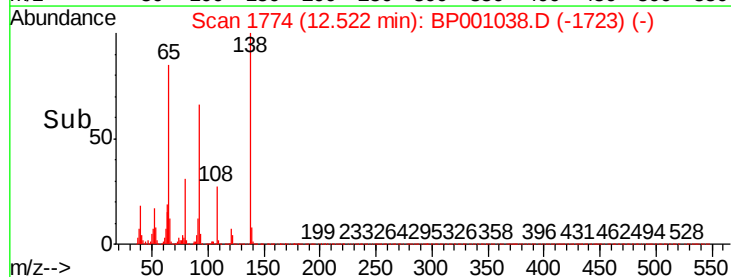
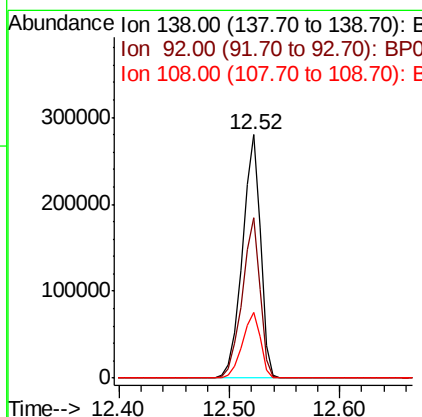
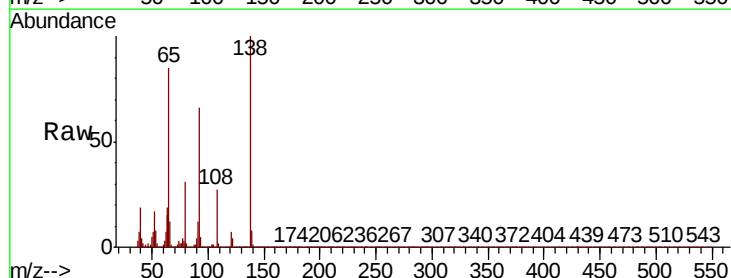
Instrument :
BNA_P
ClientSampleId :

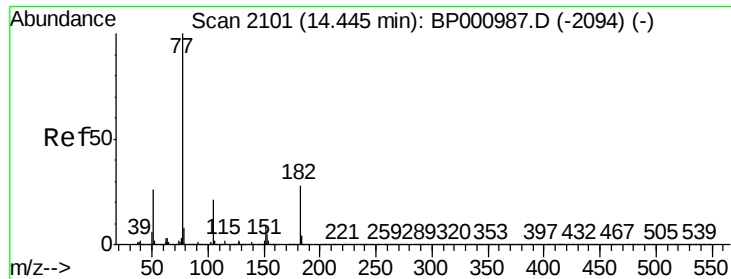
Tot Ion:204 Resp: 622558
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 64.6 46.9 70.3



#62
4-Nitroaniline
Concen: 40.907 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:138 Resp: 321301
Ion Ratio Lower Upper
138 100
92 66.0 46.4 86.4
108 27.1 3.9 43.9

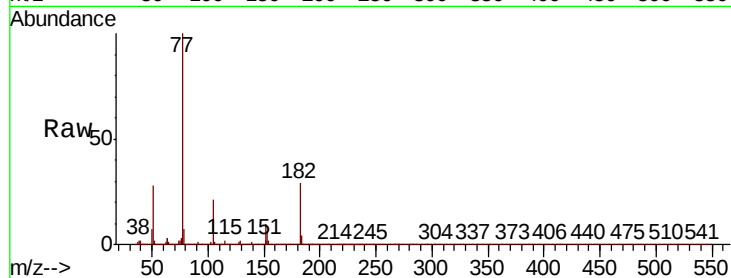




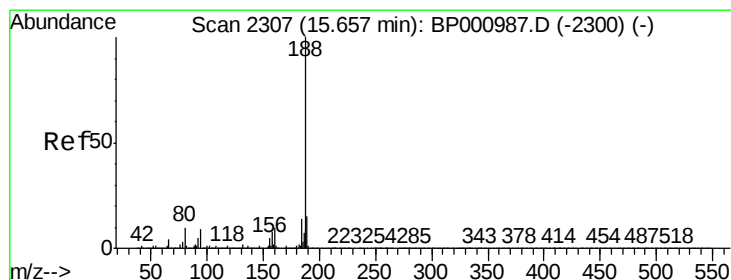
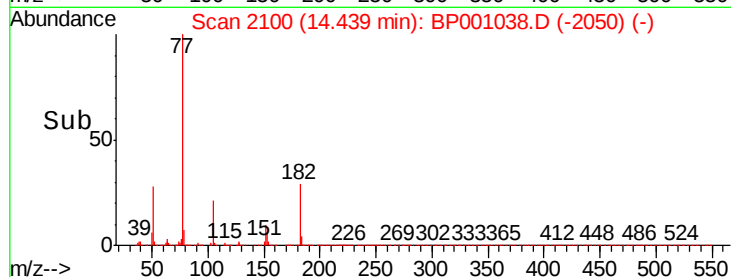
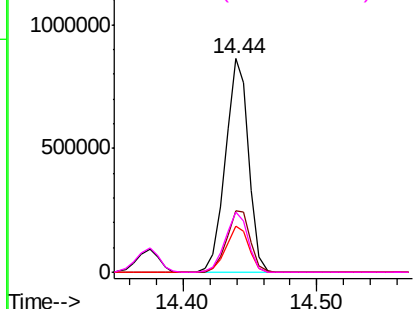
#63
Azobenzene
Concen: 36.874 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 77 Resp: 1043755
Ion Ratio Lower Upper
77 100
182 28.8 8.4 48.4
105 21.3 1.0 41.0
51 28.3 6.0 46.0

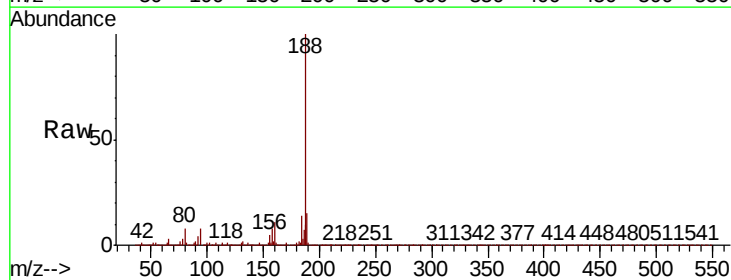


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

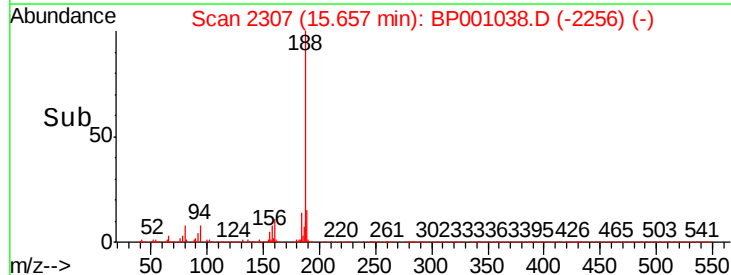
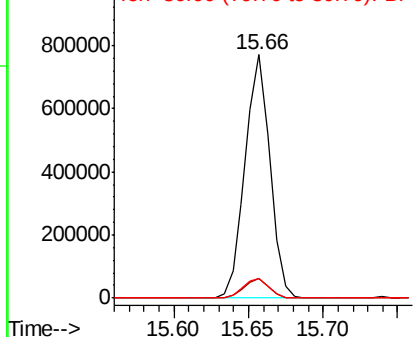


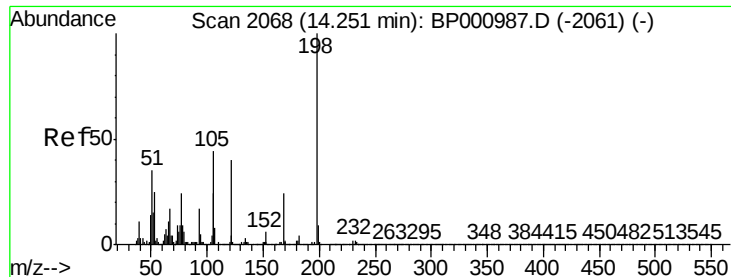
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion: 188 Resp: 888079
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.0 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: 46.964 ng

RT: 14.26 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

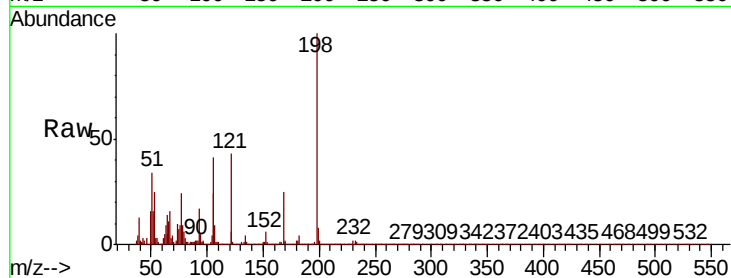
Tot Ion:198 Resp: 130377

Ion Ratio Lower Upper

198 100

51 33.8 16.0 56.0

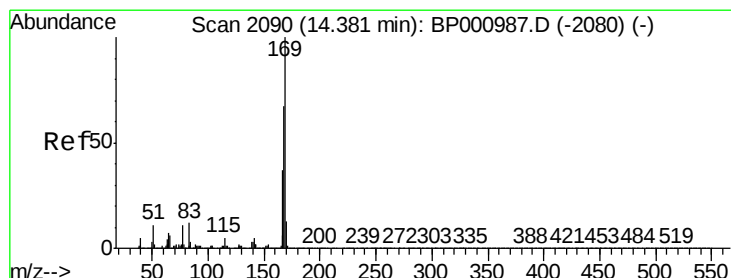
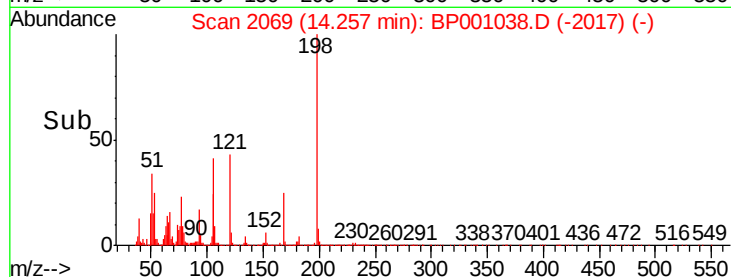
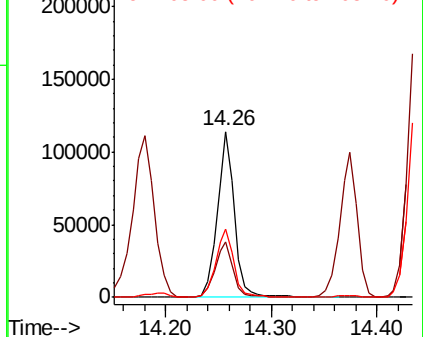
105 41.0 24.9 64.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.270 ng

RT: 14.37 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

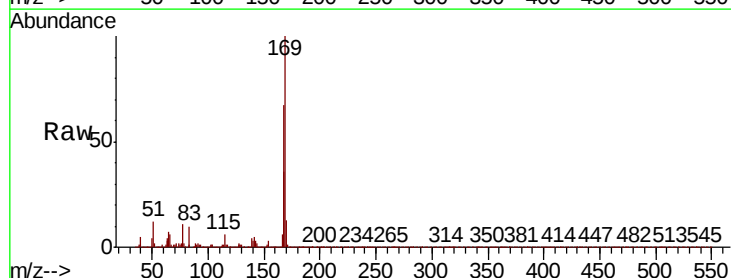
Tgt Ion:169 Resp: 1002708

Ion Ratio Lower Upper

169 100

168 66.8 53.3 79.9

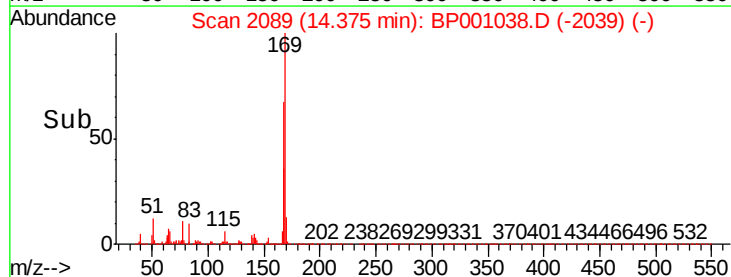
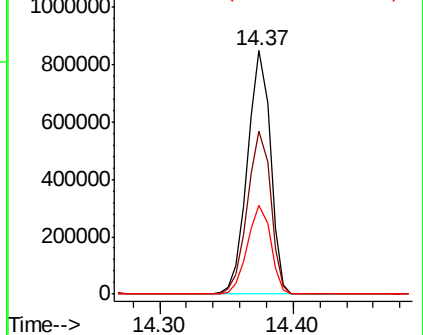
167 36.3 29.4 44.2

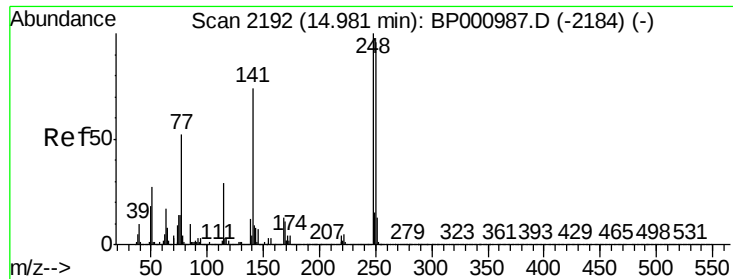


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

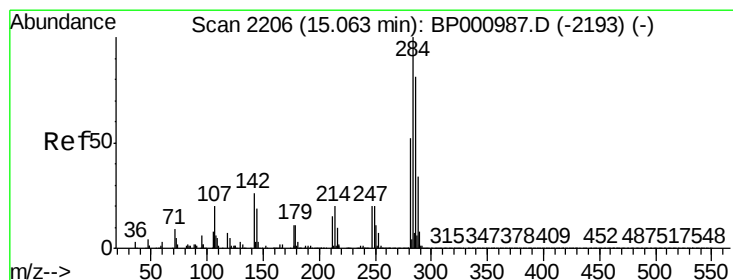
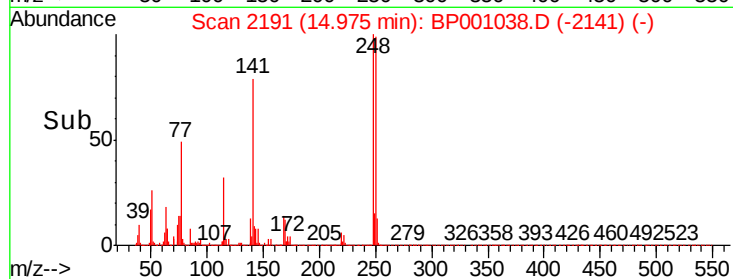
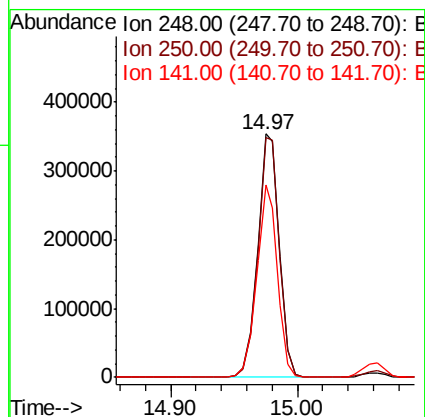
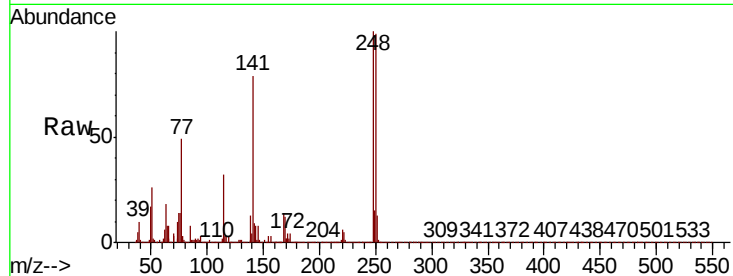




#67
4-Bromophenyl-phenylether
Concen: 40.115 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

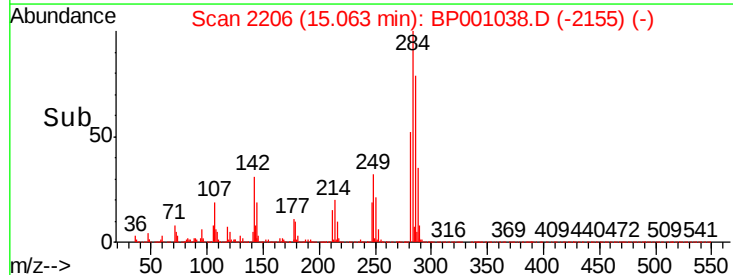
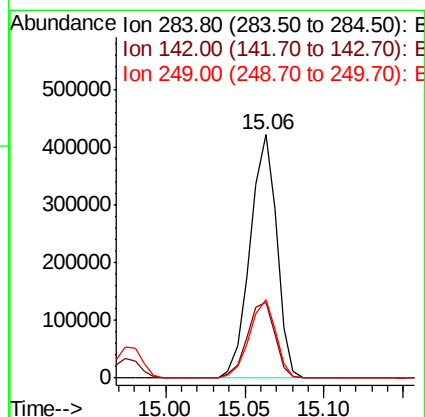
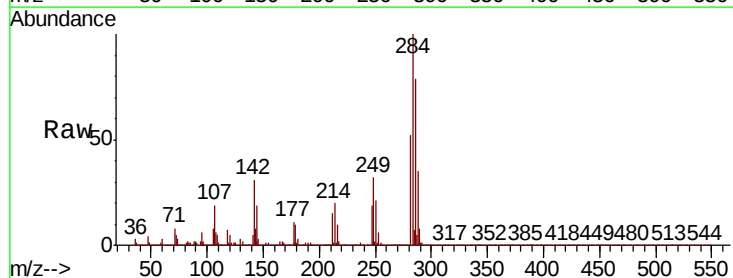
Instrument :
BNA_P
ClientSampleId :

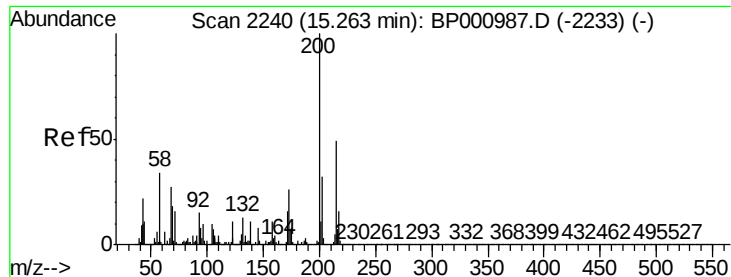
Tot Ion:248 Resp: 419383
Ion Ratio Lower Upper
248 100
250 98.6 77.0 115.6
141 79.0 59.4 89.0



#68
Hexachlorobenzene
Concen: 40.625 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:284 Resp: 492180
Ion Ratio Lower Upper
284 100
142 31.0 25.8 38.8
249 32.2 25.4 38.0

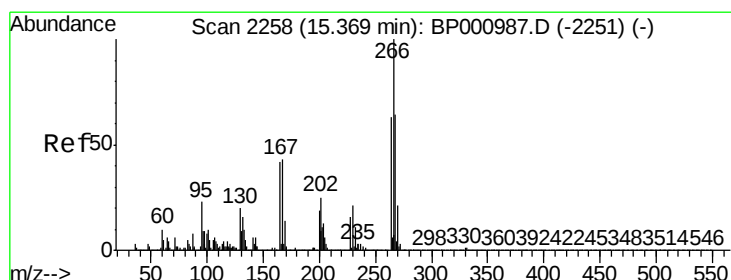
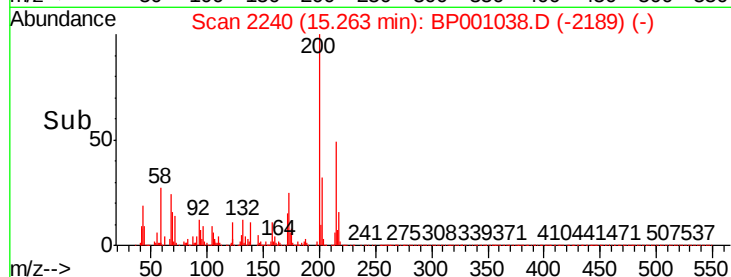
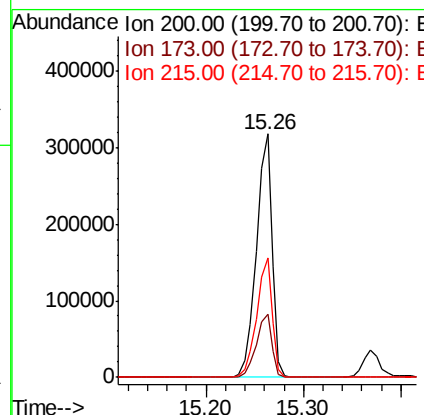
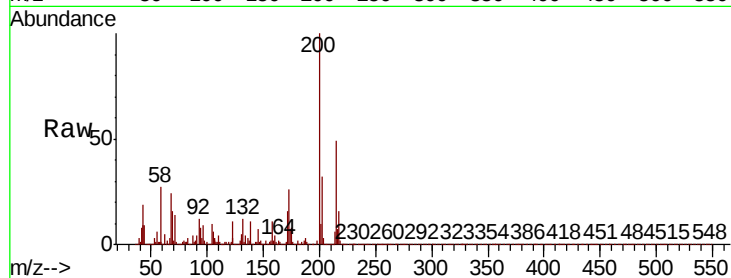




#69
Atrazine
Concen: 38.726 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

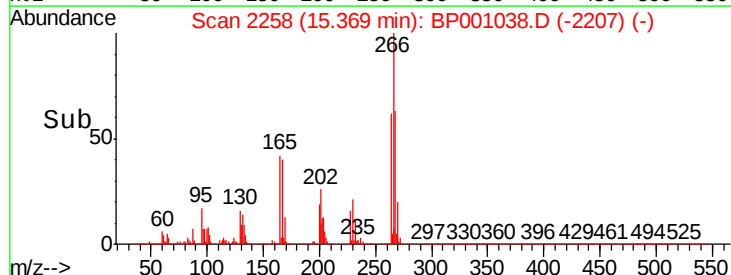
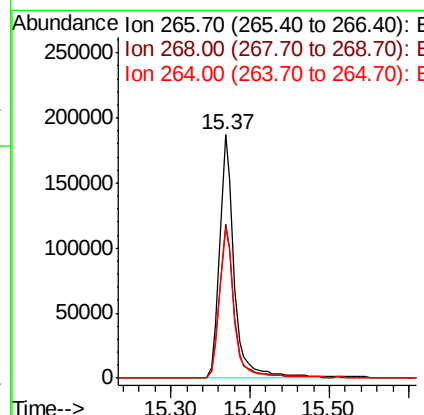
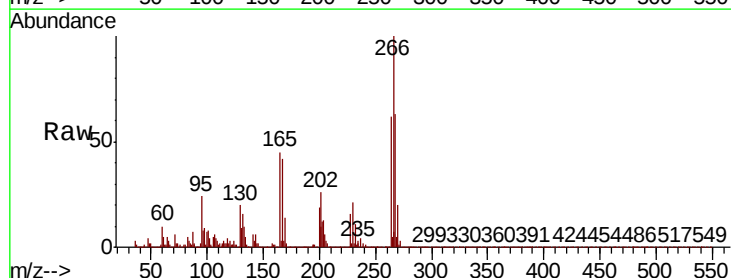
Instrument :
BNA_P
ClientSampleId :

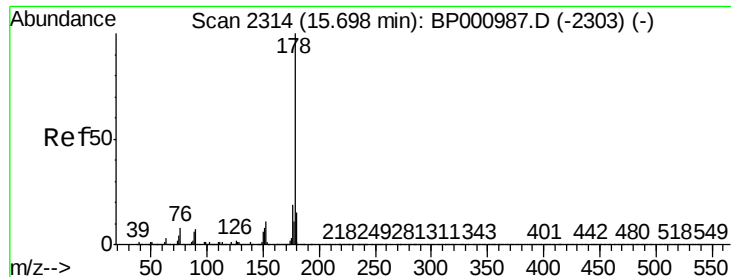
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.8	45.8
215	48.8	28.6	68.6



#70
Pentachlorophenol
Concen: 44.782 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.9	76.3
264	61.6	50.6	76.0

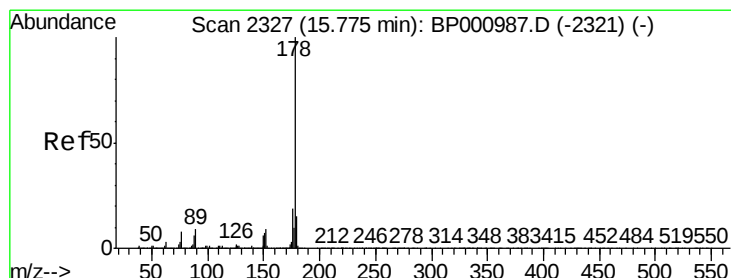
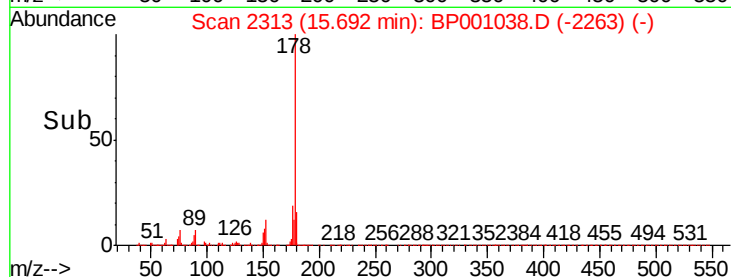
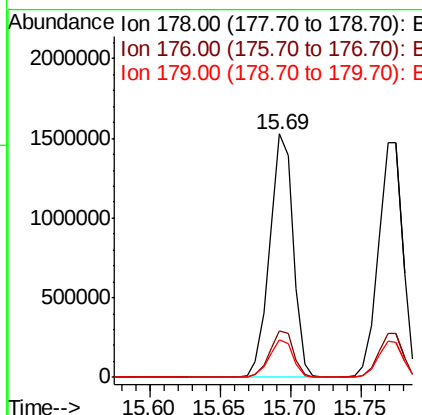
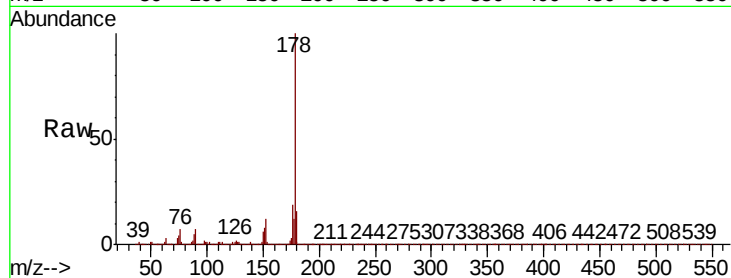




#71
Phenanthrene
Concen: 39.366 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

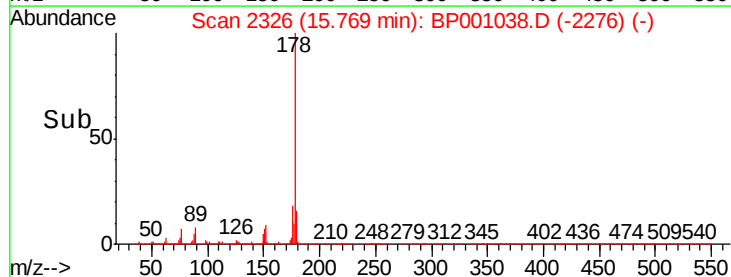
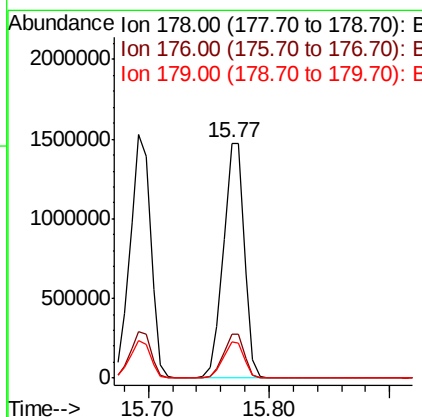
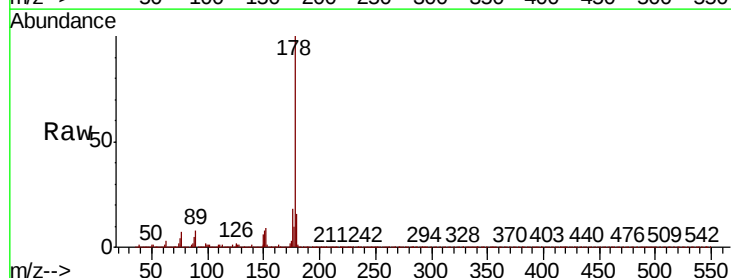
Instrument :
BNA_P
ClientSampleId :

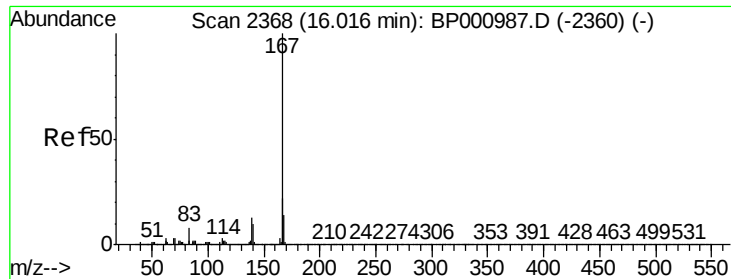
Tot Ion:178 Resp: 1789277
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.3 18.5



#72
Anthracene
Concen: 39.855 ng
RT: 15.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:178 Resp: 1767143
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.5 12.3 18.5





#73

Carbazole

Concen: 38.843 ng

RT: 16.02 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

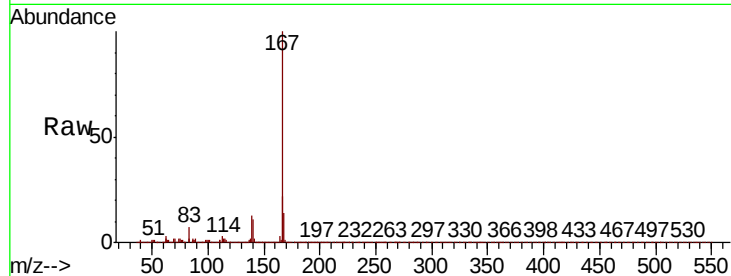
Tot Ion:167 Resp: 1579054

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

139 13.4 10.6 15.8

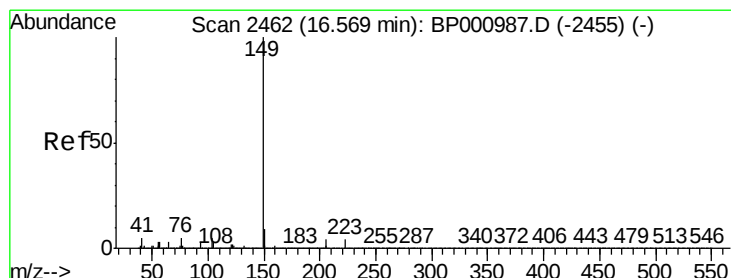
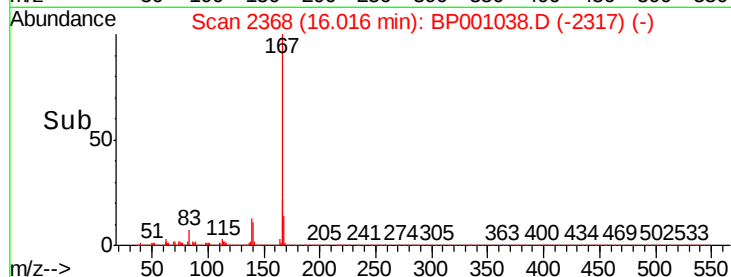
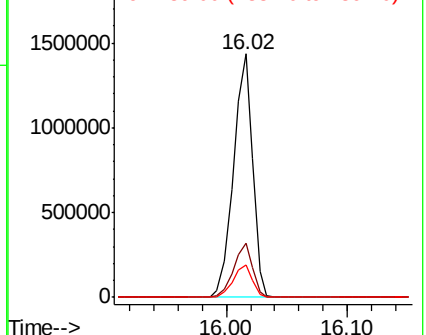


Abundance

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: 40.827 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

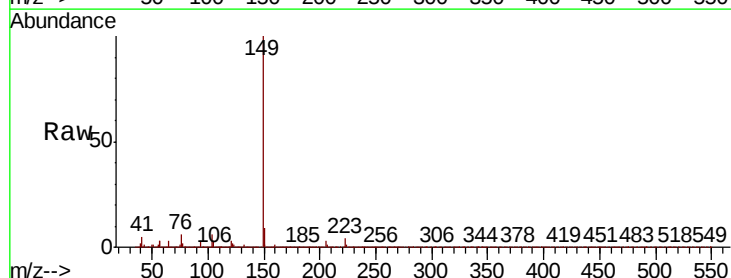
Tgt Ion:149 Resp: 2003026

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.7 4.2 6.4

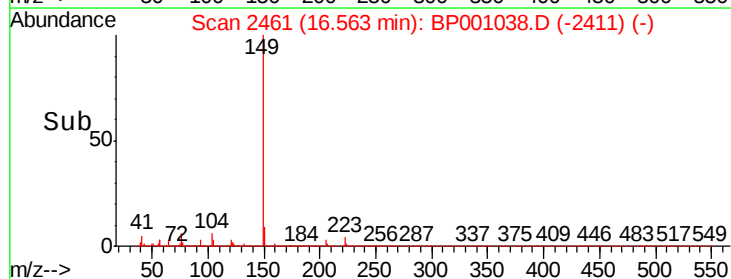
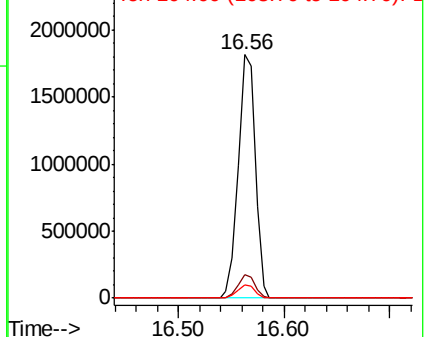


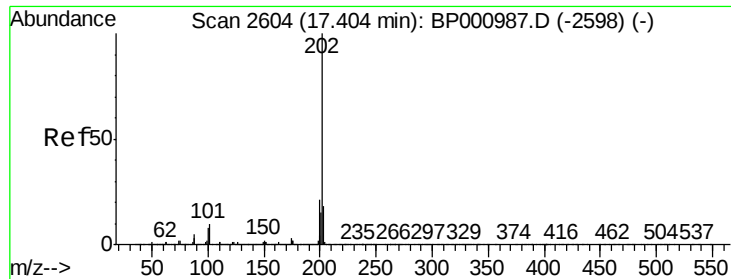
Abundance

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: 39.644 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampleId :

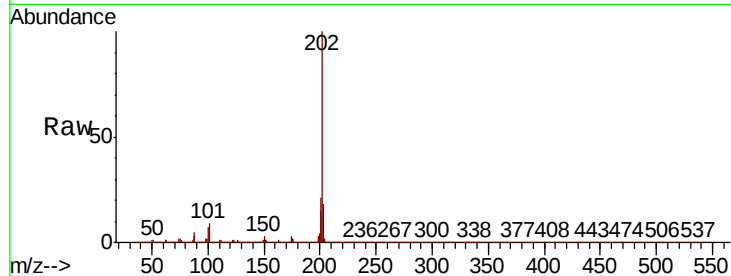
Tot Ion:202 Resp: 2036728

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.1

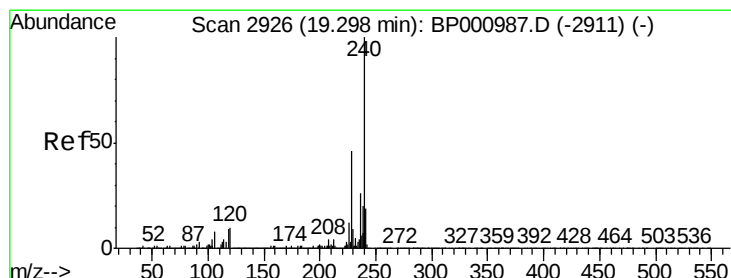
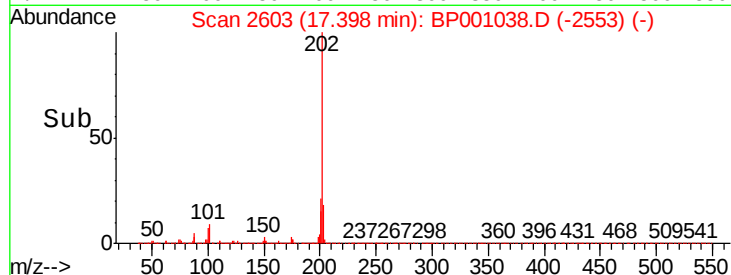
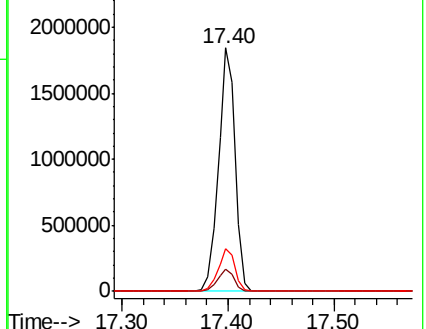
203 17.6 0.0 37.7



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: 19.30 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

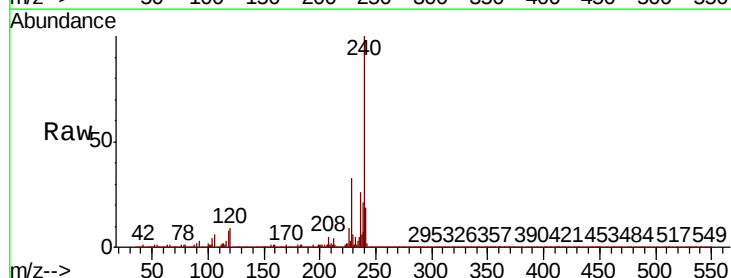
Tgt Ion:240 Resp: 730797

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

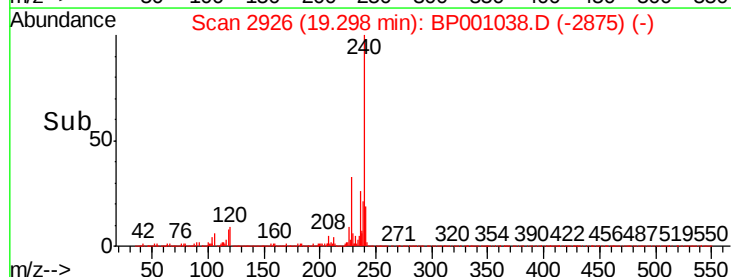
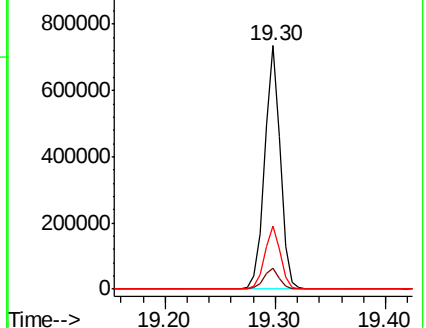
236 26.0 20.5 30.7

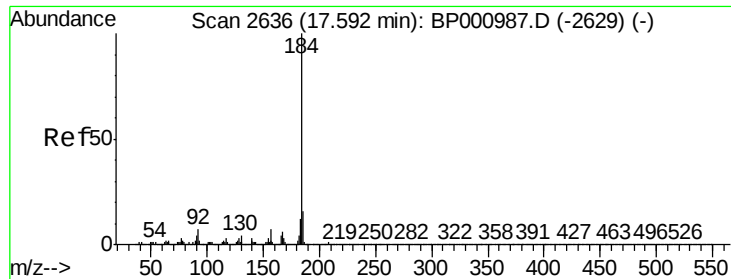


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.294 ng

RT: 17.59 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

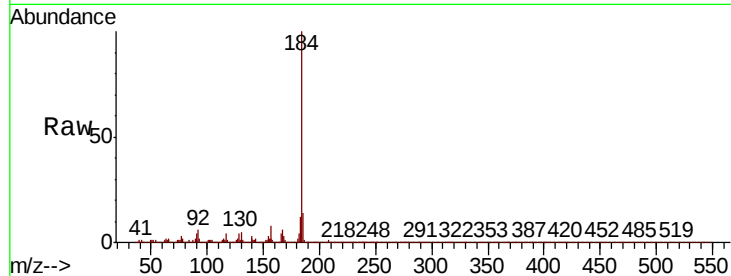
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 922934

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	12.1	9.8	14.6

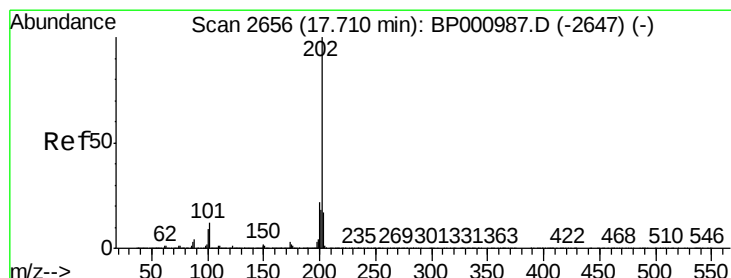
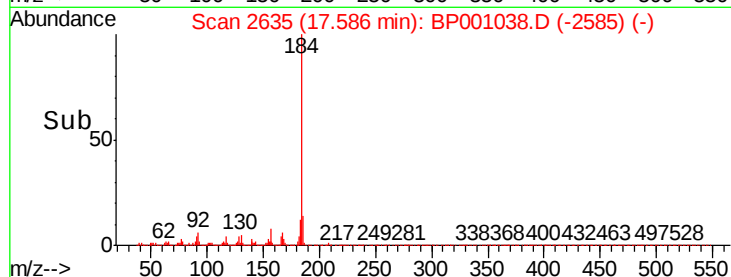
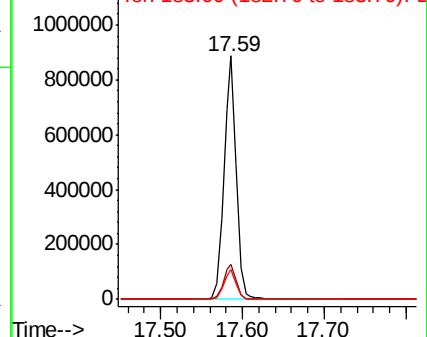


Abundance

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: 39.480 ng

RT: 17.70 min Scan# 2655

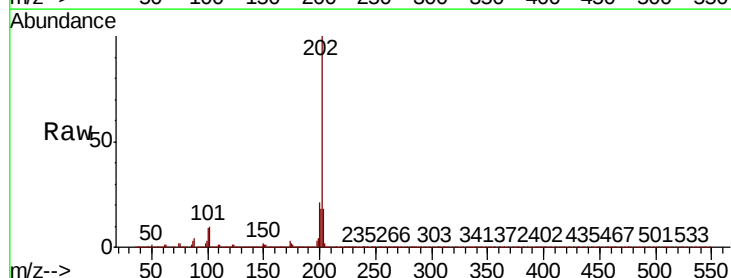
Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Tgt Ion:202 Resp: 2039009

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.8	14.0	21.0

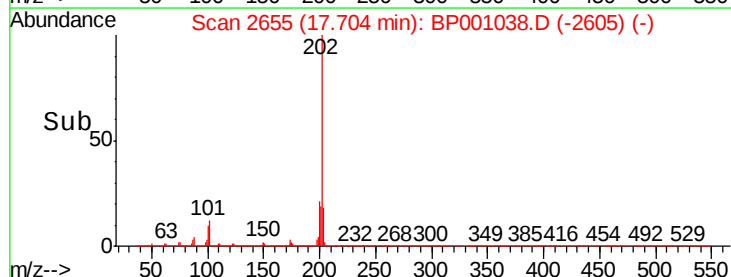
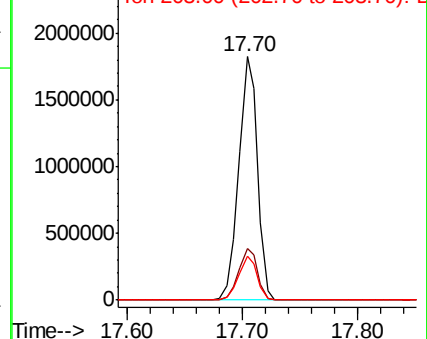


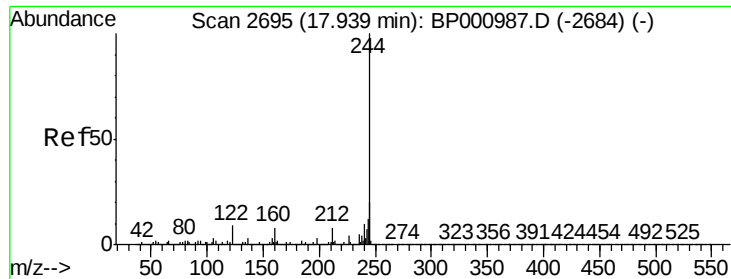
Abundance

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: 85.026 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

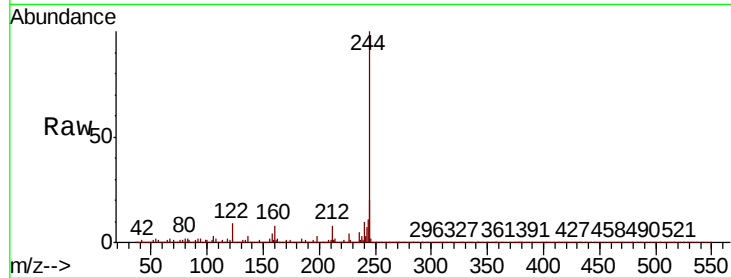
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 3123771

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	9.0	7.4	11.2

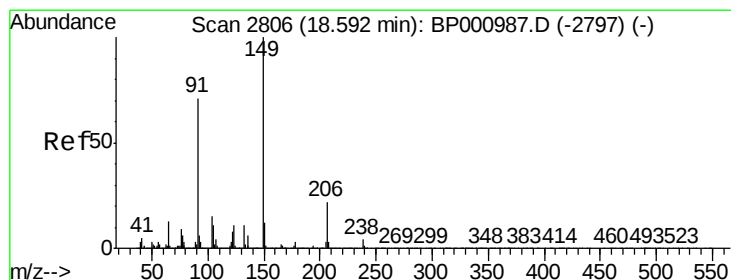
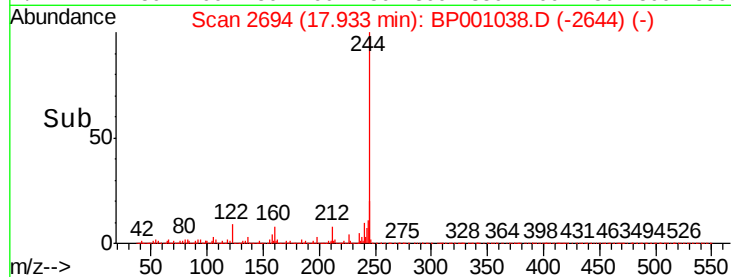
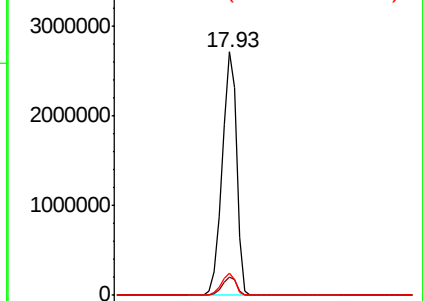


Abundance

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: 41.890 ng

RT: 18.59 min Scan# 2805

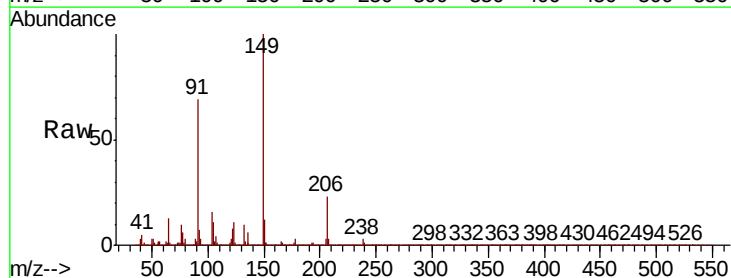
Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Tgt Ion:149 Resp: 856646

Ion	Ratio	Lower	Upper
149	100		
91	68.5	56.6	84.8
206	22.9	18.0	27.0

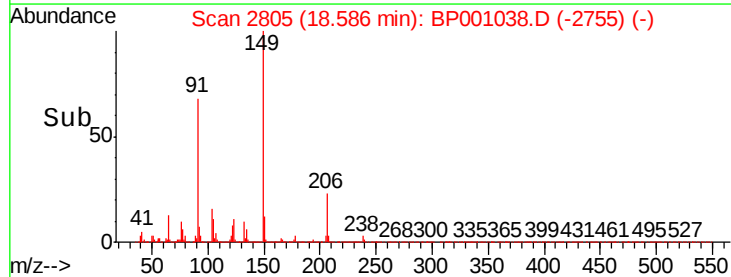
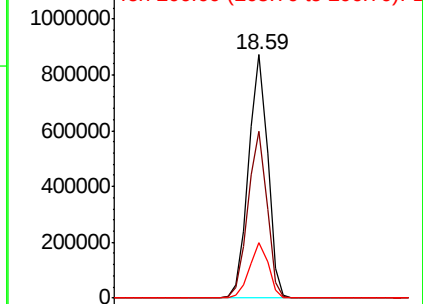


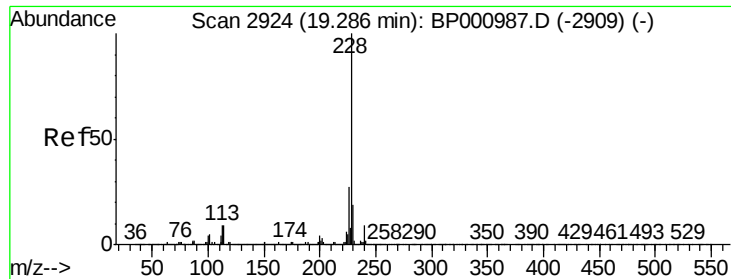
Abundance

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

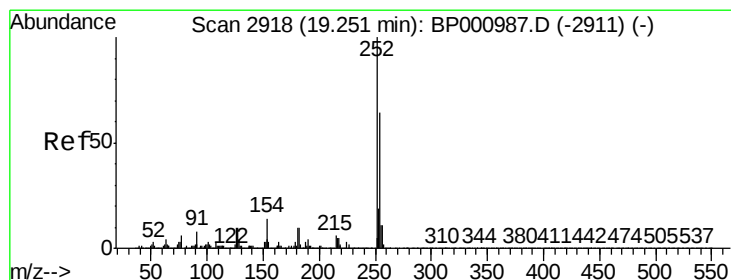
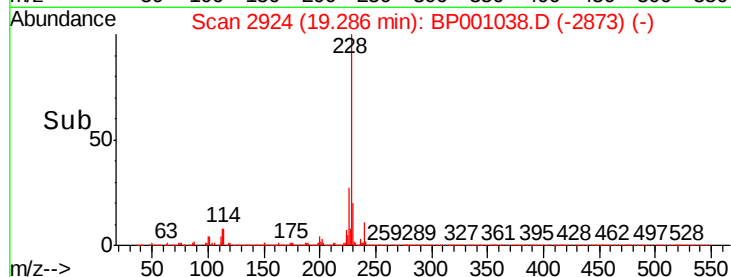
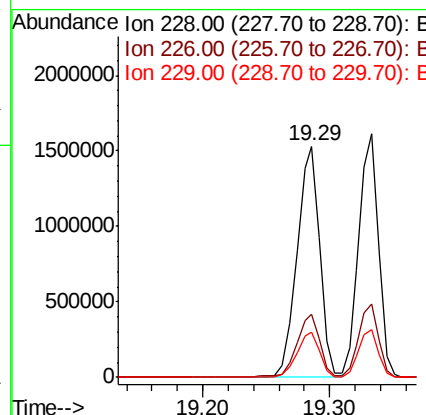
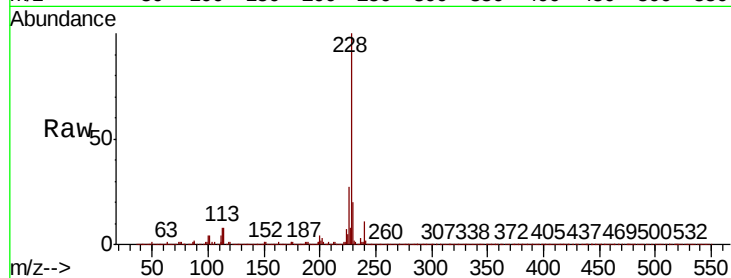




#81
Benzo(a)anthracene
Concen: 39.029 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

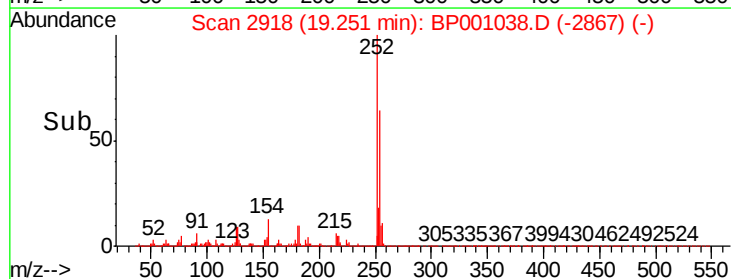
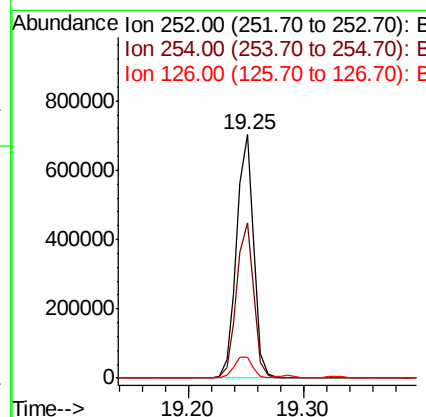
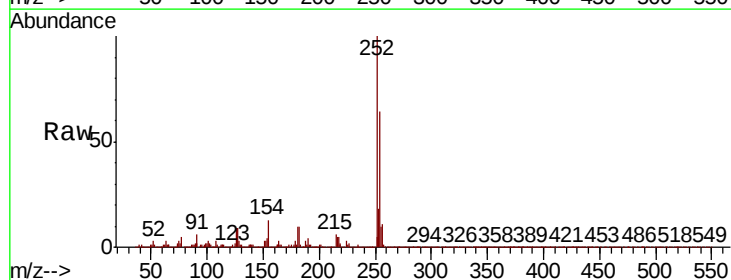
Instrument :
BNA_P
ClientSampleId :

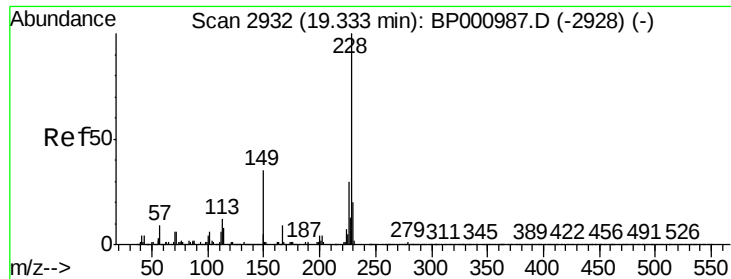
Tot Ion:228 Resp: 1920981
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 40.190 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:252 Resp: 721223
Ion Ratio Lower Upper
252 100
254 64.0 51.1 76.7
126 8.7 8.3 12.5



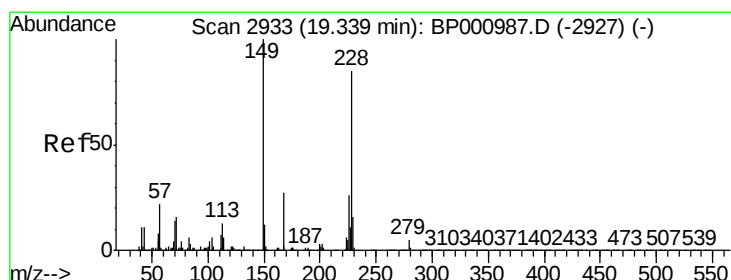
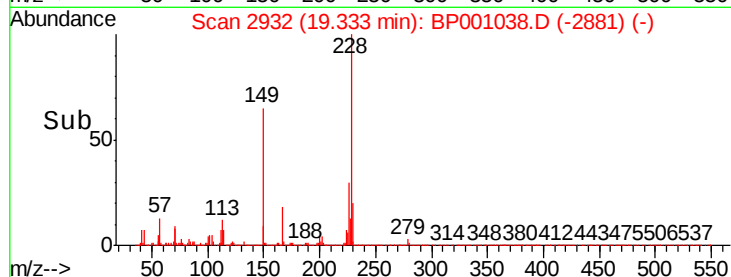
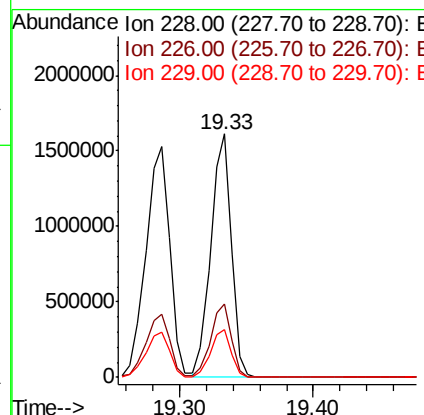
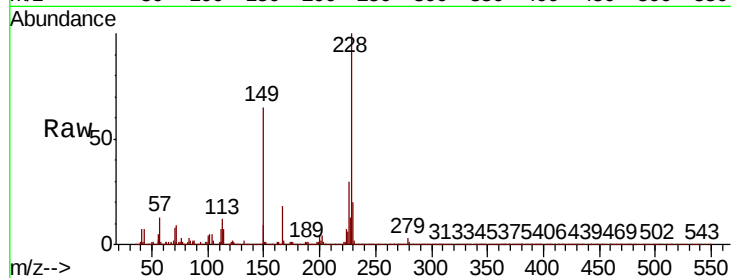


#83
 Chrysene
 Concen: 40.024 ng
 RT: 19.33 min Scan# 2932
 Delta R.T. -0.00 min
 Lab File: BP001038.D
 Acq: 15 Nov 2019 14:03

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 1729469

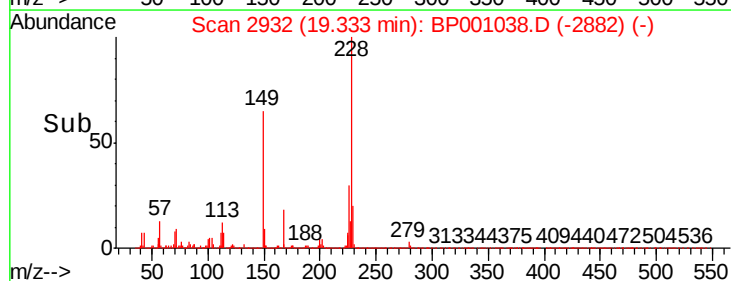
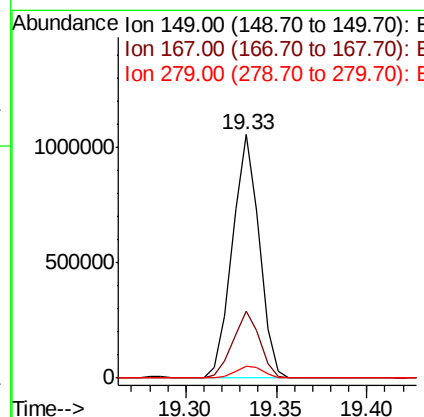
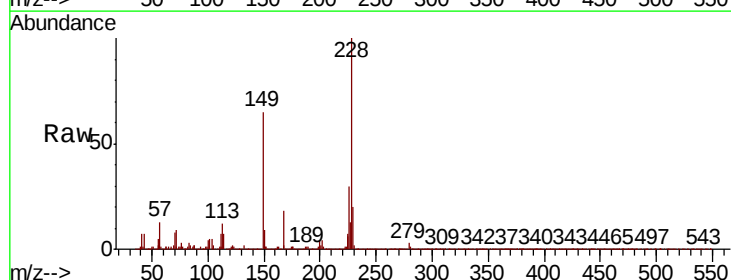
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.7	15.8	23.6

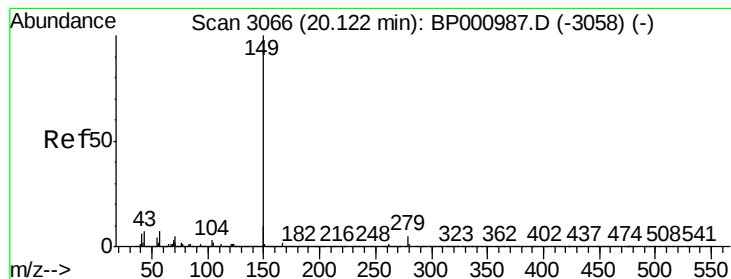


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.961 ng
 RT: 19.33 min Scan# 2932
 Delta R.T. -0.01 min
 Lab File: BP001038.D
 Acq: 15 Nov 2019 14:03

Tgt Ion:149 Resp: 1091043

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.4	32.2
279	5.0	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 41.266 ng

RT: 20.12 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

Instrument :

BNA_P

ClientSampled :

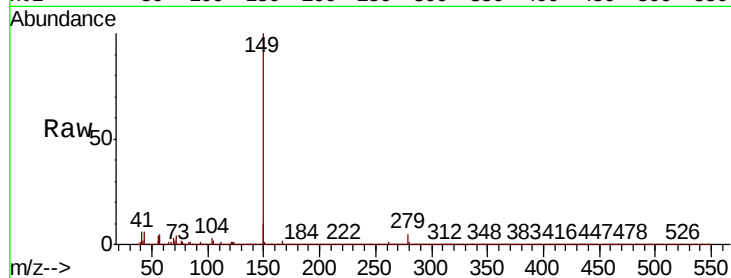
Tot Ion:149 Resp: 1931603

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

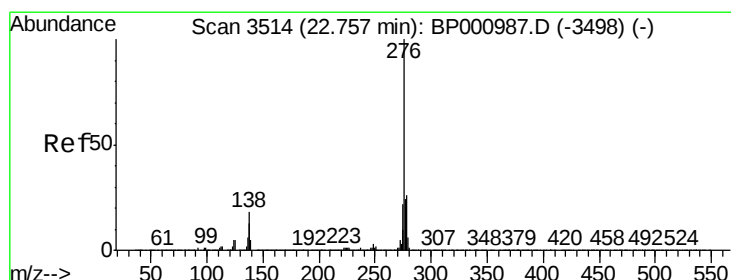
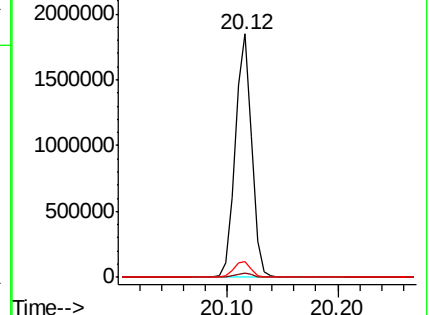
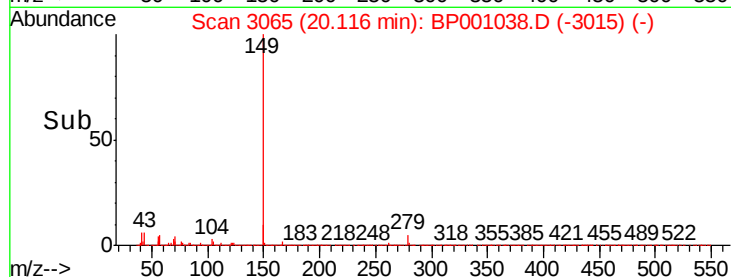
43 6.6 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.295 ng

RT: 22.76 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BP001038.D

Acq: 15 Nov 2019 14:03

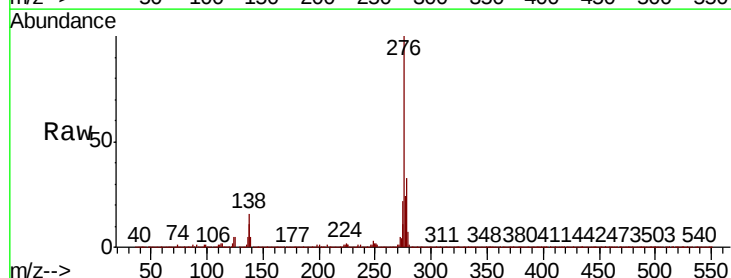
Tgt Ion:276 Resp: 2145902

Ion Ratio Lower Upper

276 100

138 18.4 17.6 26.4

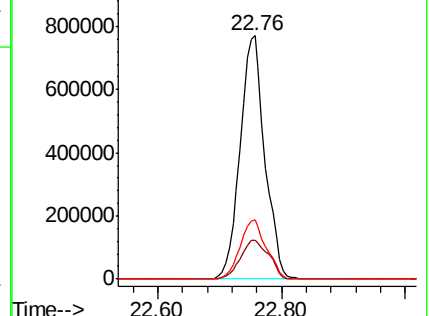
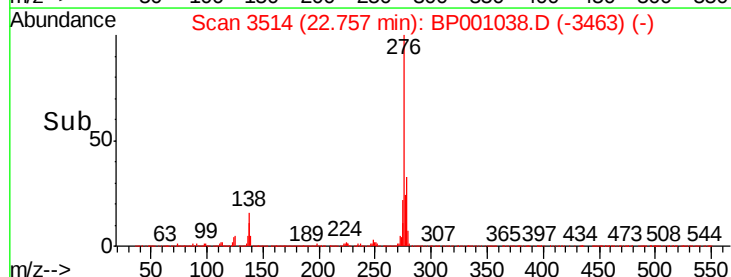
277 25.7 20.2 30.4

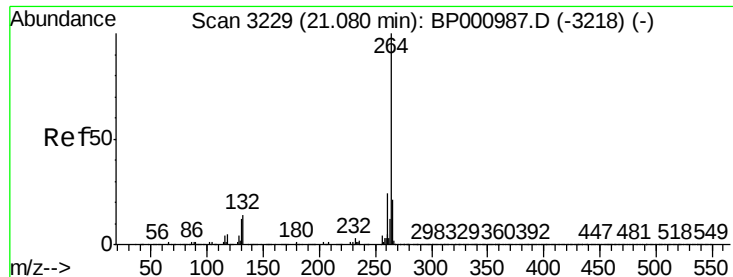


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



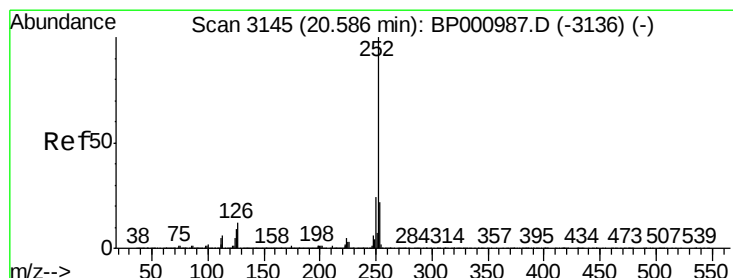
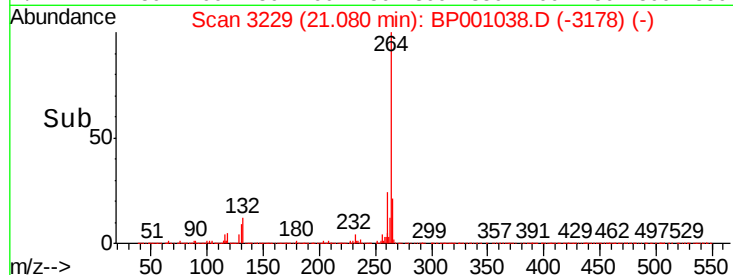
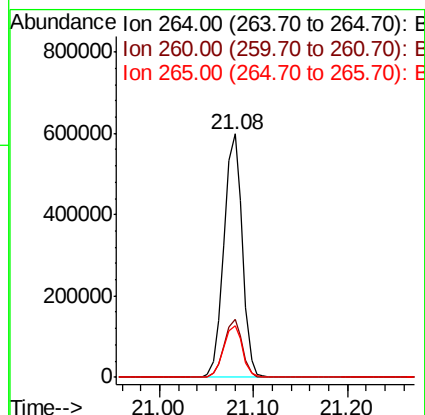
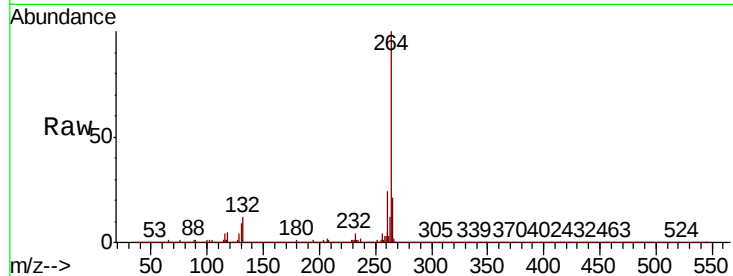


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 814582

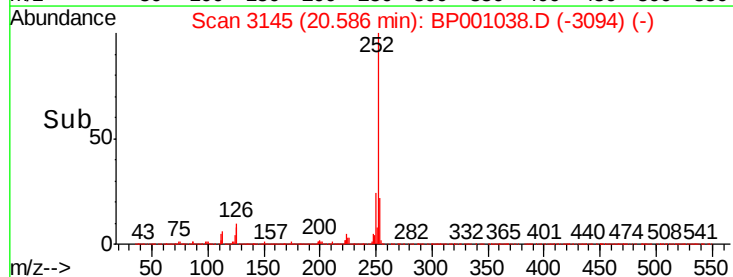
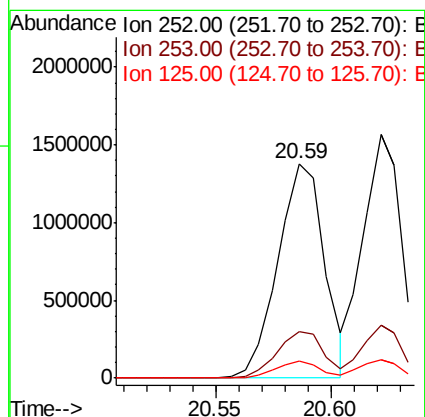
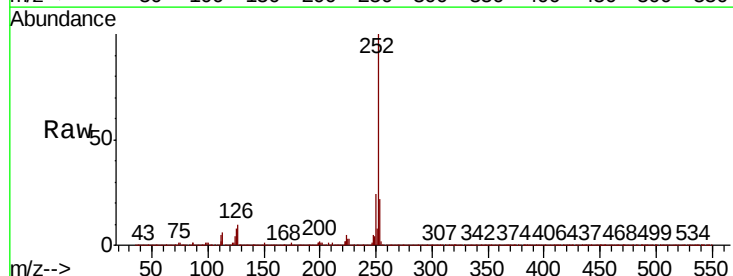
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.4	17.1	25.7

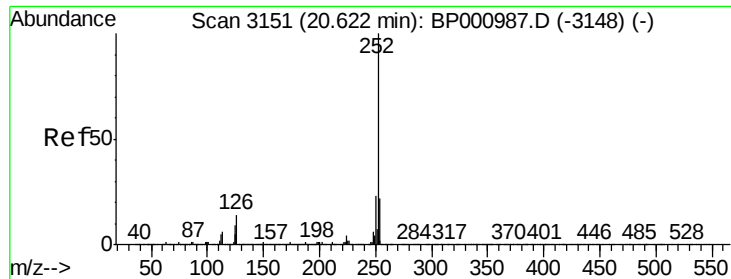


#88
Benzo(b)fluoranthene
Concen: 39.694 ng
RT: 20.59 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:252 Resp: 1927379

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	7.7	7.3	10.9

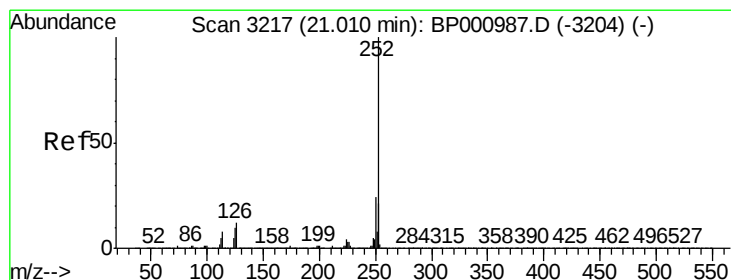
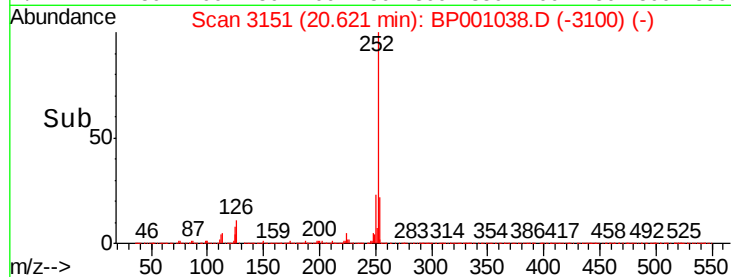
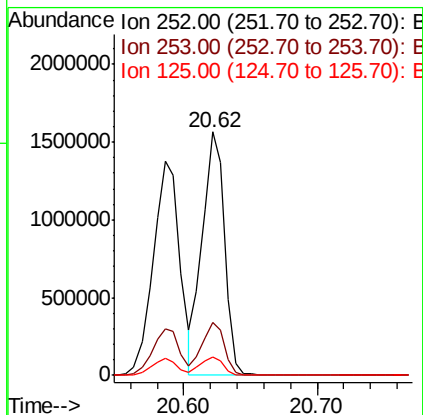
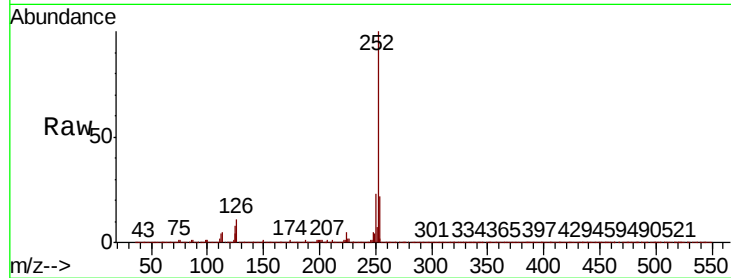




#89
Benzo(k)fluoranthene
Concen: 39.696 ng
RT: 20.62 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

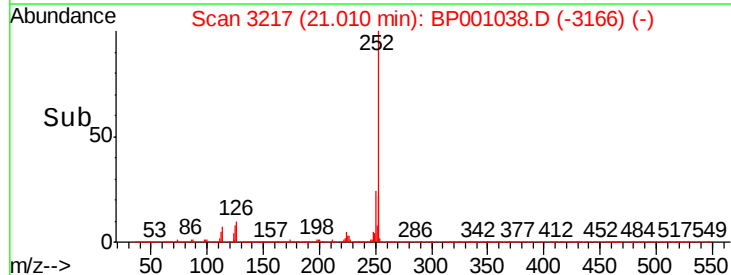
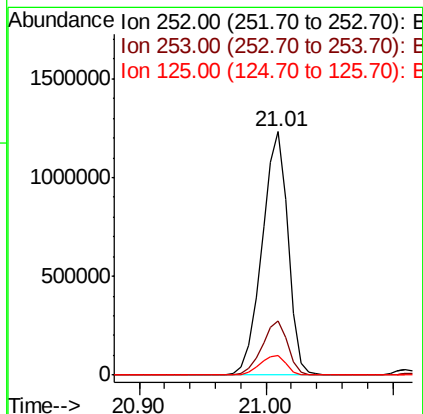
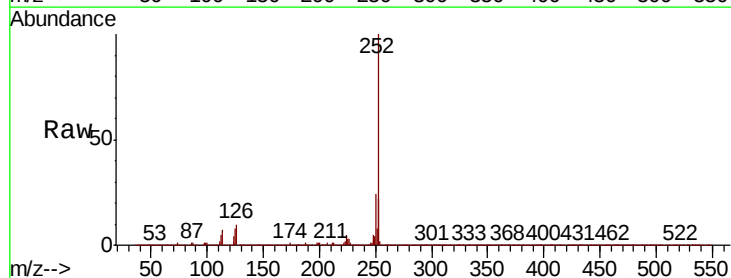
Instrument :
BNA_P
ClientSampleId :

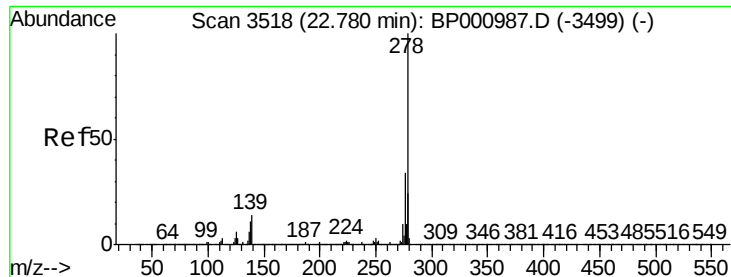
Tot Ion:252 Resp: 1814385
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 7.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 39.075 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:252 Resp: 1744638
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 8.1 7.6 11.4

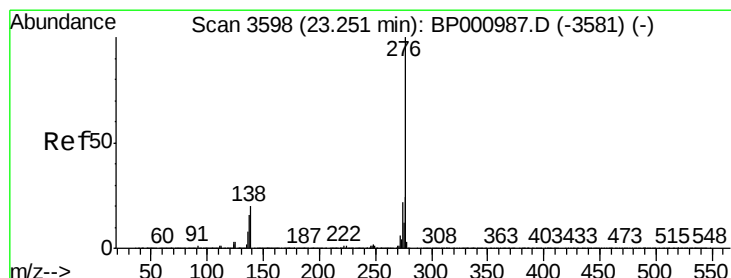
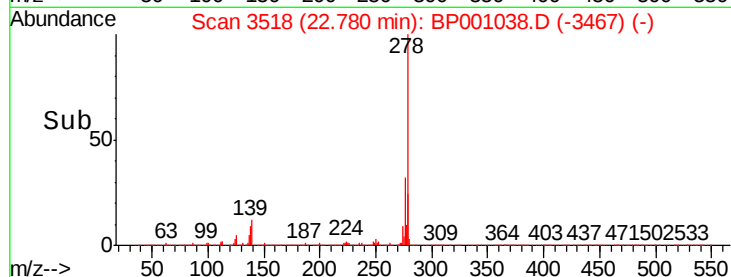
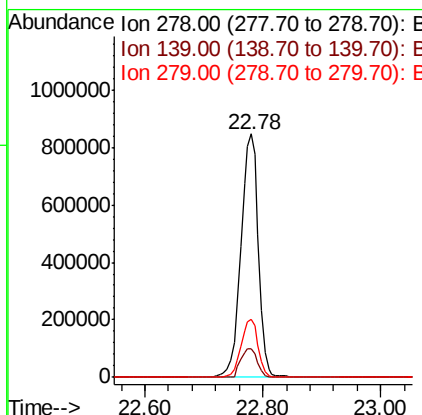
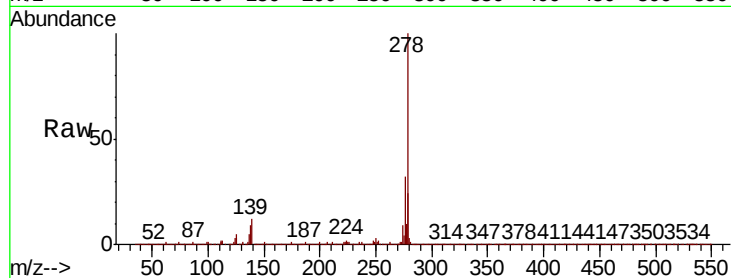




#91
Dibenzo(a,h)anthracene
Concen: 38.305 ng
RT: 22.78 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Instrument :
BNA_P
ClientSampled :

Tot Ion:278 Resp: 1745552
Ion Ratio Lower Upper
278 100
139 11.8 11.3 16.9
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 37.289 ng
RT: 23.25 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BP001038.D
Acq: 15 Nov 2019 14:03

Tgt Ion:276 Resp: 1711021
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 15.8 15.7 23.5

