

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001211.D
 Acq On : 05 Dec 2019 14:59
 Operator : JU
 Sample : PB125231BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125231BS

Quant Time: Dec 06 06:04:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	43534	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	177861	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	102530	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	193956	20.00	ng	0.00
76) Chrysene-d12	19.25	240	166596	20.00	ng	0.00
87) Perylene-d12	21.02	264	135760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	362076	137.99	ng	0.00
7) Phenol-d6	7.76	99	469373	134.27	ng	0.00
23) Nitrobenzene-d5	9.19	82	265411	64.74	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	129983	132.26	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	455403	65.01	ng	0.00
79) Terphenyl-d14	17.89	244	565028	62.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	35075	28.618	ng	95
3) Pyridine	3.38	79	87230	25.648	ng	98
4) n-Nitrosodimethylamine	3.25	42	72130	49.011	ng	93
6) Aniline	7.79	93	145398	31.370	ng	# 89
8) 2-Chlorophenol	7.97	128	129849	47.829	ng	96
9) Benzaldehyde	7.60	77	31577	10.473	ng	99
10) Phenol	7.77	94	184206	46.325	ng	90
11) bis(2-Chloroethyl)ether	7.92	93	136603	44.117	ng	96
12) 1,3-Dichlorobenzene	8.22	146	131171	40.764	ng	98
13) 1,4-Dichlorobenzene	8.34	146	137233	42.336	ng	99
14) 1,2-Dichlorobenzene	8.57	146	129673	42.506	ng	97
15) Benzyl Alcohol	8.54	79	143275	49.928	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.77	45	209441	42.072	ng	99
17) 2-Methylphenol	8.73	107	114204	45.859	ng	98
18) Hexachloroethane	9.12	117	56259	41.955	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	112527	44.609	ng	100
20) 3+4-Methylphenols	8.97	107	149779	47.712	ng	96
22) Acetophenone	8.96	105	211525	40.463	ng	# 100
24) Nitrobenzene	9.22	77	173371	42.529	ng	99
25) Isophorone	9.62	82	305605	41.572	ng	99
26) 2-Nitrophenol	9.73	139	63222	42.341	ng	95
27) 2,4-Dimethylphenol	9.83	122	113365	47.931	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	173202	37.552	ng	100
29) 2,4-Dichlorophenol	10.12	162	113793	42.272	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	127043	40.407	ng	99
31) Naphthalene	10.38	128	372793	41.039	ng	98
32) Benzoic acid	9.97	122	64951	37.985	ng	96
33) 4-Chloroaniline	10.47	127	98893	25.087	ng	98
34) Hexachlorobutadiene	10.60	225	81725	41.320	ng	97
35) Caprolactam	11.02	113	36494	39.336	ng	97
36) 4-Chloro-3-methylphenol	11.28	107	136746	42.846	ng	99
37) 2-Methylnaphthalene	11.51	142	260687	42.057	ng	99
38) 1-Methylnaphthalene	11.67	142	242641	41.440	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	131647	40.743	ng	99

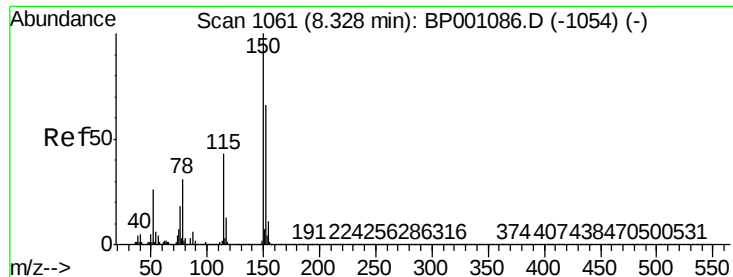
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	86901	58.298	nq	99
43) 2,4,6-Trichlorophenol	11.98	196	86482	40.992	nq	97
44) 2,4,5-Trichlorophenol	12.03	196	90895	41.582	nq	97
46) 1,1'-Biphenyl	12.28	154	320917	40.500	nq	100
47) 2-Chloronaphthalene	12.30	162	247585	39.116	nq	100
48) 2-Nitroaniline	12.47	65	98055	39.528	nq	97
49) Acenaphthylene	12.97	152	391230	41.236	nq	100
50) Dimethylphthalate	12.80	163	306008	39.906	nq	99
51) 2,6-Dinitrotoluene	12.88	165	64249	39.140	nq	98
52) Acenaphthene	13.26	154	228897	40.108	nq	98
53) 3-Nitroaniline	13.14	138	55600	30.152	nq	94
54) 2,4-Dinitrophenol	13.32	184	40073	61.564	nq	86
55) Dibenzofuran	13.55	168	363315	42.365	nq	98
56) 4-Nitrophenol	13.43	139	108107	82.737	nq	97
57) 2,4-Dinitrotoluene	13.53	165	87866	42.704	nq	98
58) Fluorene	14.11	166	285422	41.535	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	77461	43.109	nq	100
60) Diethylphthalate	13.97	149	314274	39.581	nq	100
61) 4-Chlorophenyl-phenylether	14.13	204	144194	41.206	nq	99
62) 4-Nitroaniline	12.47	138	78153	36.556	nq	96
63) Azobenzene	14.39	77	346410	40.362	nq	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	31202	38.881	nq	90
66) n-Nitrosodiphenylamine	14.32	169	248696	42.200	nq	99
67) 4-Bromophenyl-phenylether	14.93	248	87184	41.404	nq	96
68) Hexachlorobenzene	15.01	284	94904	40.996	nq	95
69) Atrazine	15.21	200	85192	47.345	nq	98
70) Pentachlorophenol	15.32	266	105434	87.384	nq	97
71) Phenanthrene	15.64	178	430850	42.253	nq	100
72) Anthracene	15.72	178	437891	43.569	nq	99
73) Carbazole	15.96	167	399811	43.716	nq	99
74) Di-n-butylphthalate	16.52	149	506724	41.209	nq	100
75) Fluoranthene	17.35	202	483104	44.753	nq	100
77) Benzidine	17.54	184	83845	19.493	nq	99
78) Pyrene	17.66	202	497779	37.936	nq	99
80) Butylbenzylphthalate	18.54	149	219615	36.237	nq	95
81) Benzo(a)anthracene	19.24	228	456185	39.494	nq	100
82) 3,3'-Dichlorobenzidine	19.20	252	148935	39.030	nq	99
83) Chrysene	19.28	228	431167	41.686	nq	100
84) Bis(2-ethylhexyl)phthalate	19.29	149	314436	37.736	nq	99
85) Di-n-octyl phthalate	20.07	149	538326	36.368	nq	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	480259	39.398	nq	100
88) Benzo(b)fluoranthene	20.53	252	428831	51.715	nq	99
89) Benzo(k)fluoranthene	20.57	252	430731	53.932	nq	97
90) Benzo(a)pyrene	20.95	252	386485	50.601	nq	99
91) Dibenzo(a,h)anthracene	22.69	278	406328	54.361	nq	98
92) Benzo(g,h,i)perylene	23.15	276	414280	56.130	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

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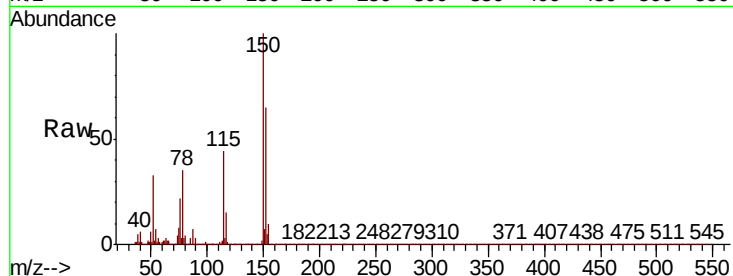
Tot Ion:152 Resp: 43534

Ion Ratio Lower Upper

152 100

150 154.3 127.3 190.9

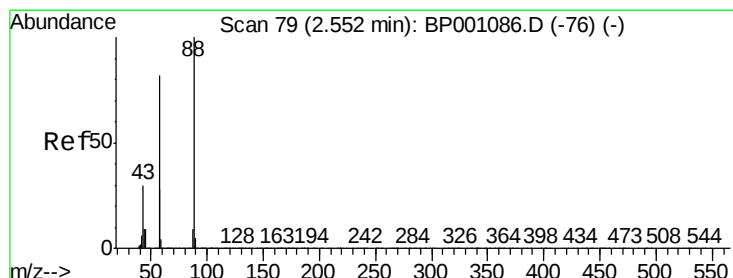
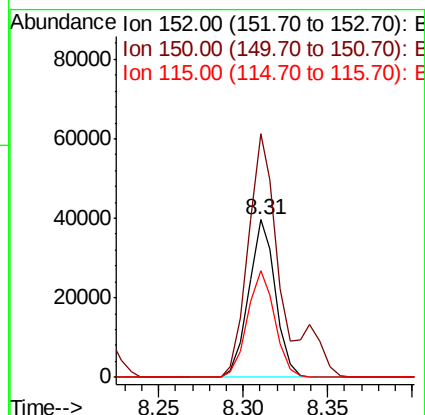
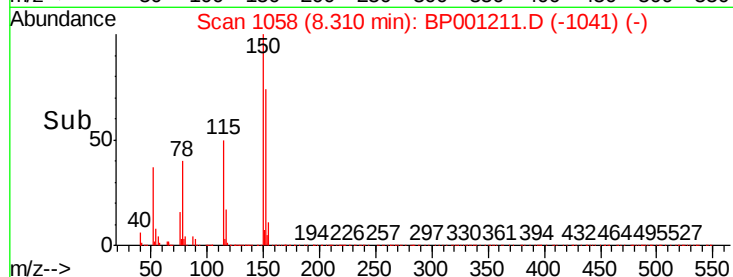
115 67.2 56.0 84.0



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: 28.618 ng

RT: 2.50 min Scan# 70

Delta R.T. -0.04 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

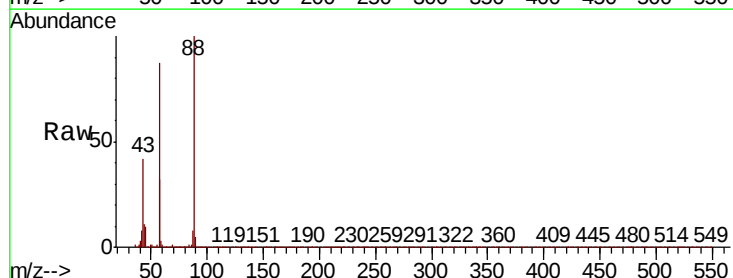
Tgt Ion: 88 Resp: 35075

Ion Ratio Lower Upper

88 100

58 88.6 67.8 101.6

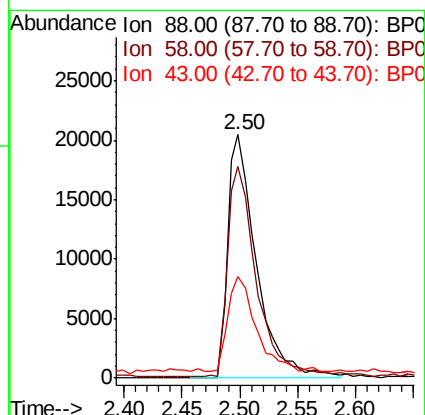
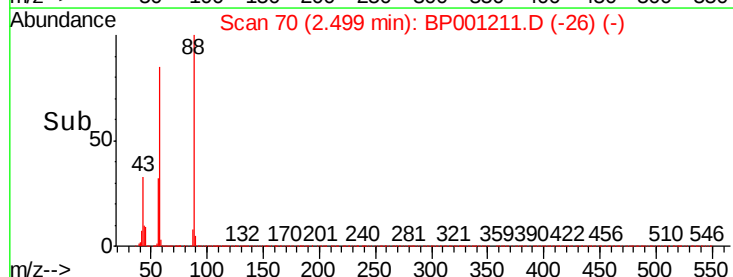
43 38.4 28.0 42.0

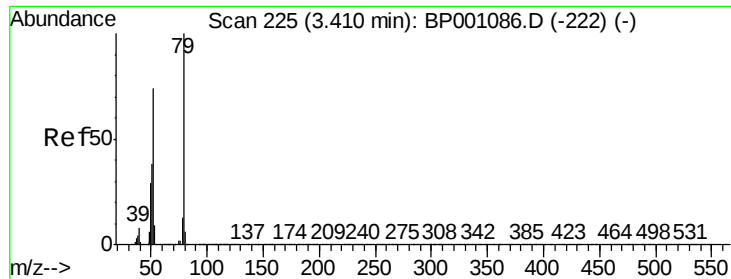


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 25.648 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

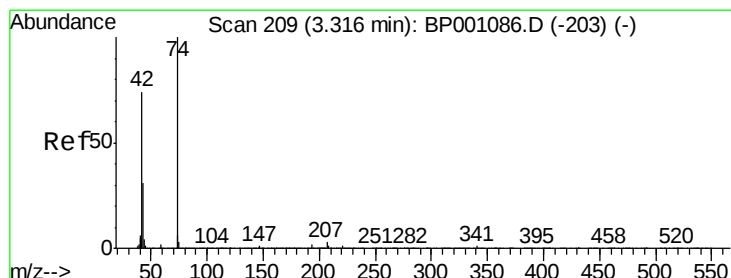
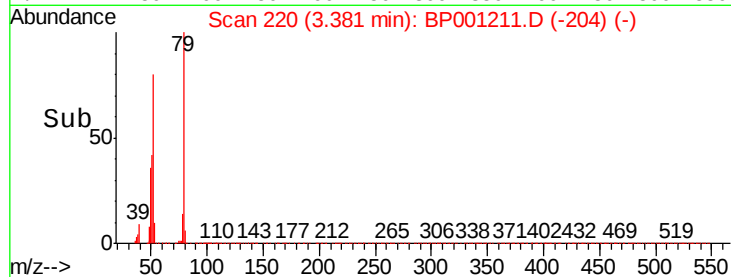
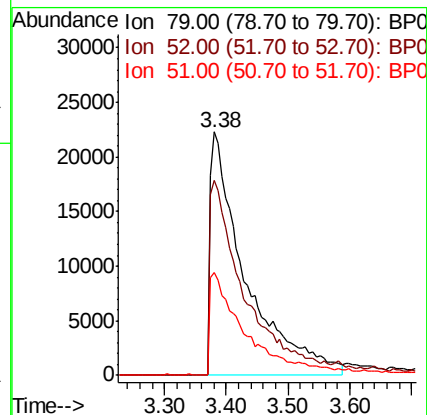
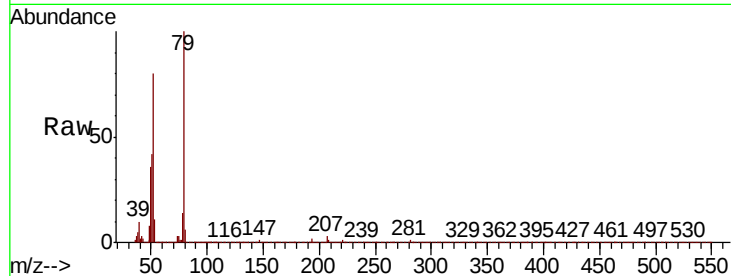
Tot Ion: 79 Resp: 87230

Ion Ratio Lower Upper

79 100

52 79.9 65.1 97.7

51 42.3 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 49.011 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

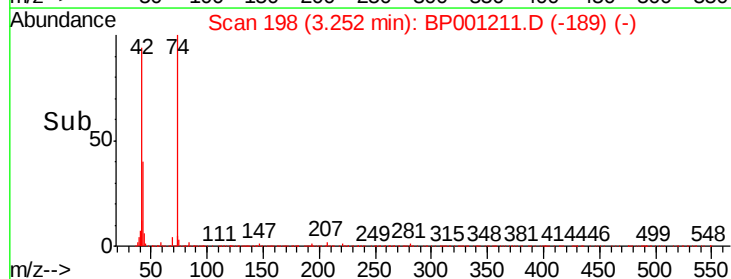
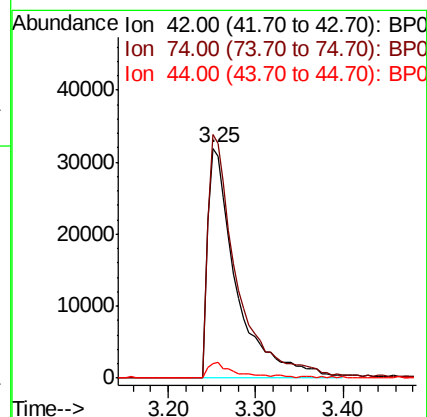
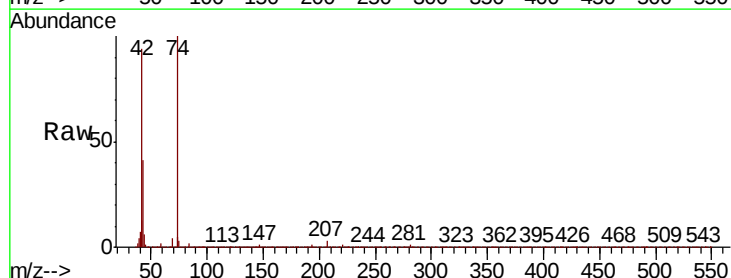
Tgt Ion: 42 Resp: 72130

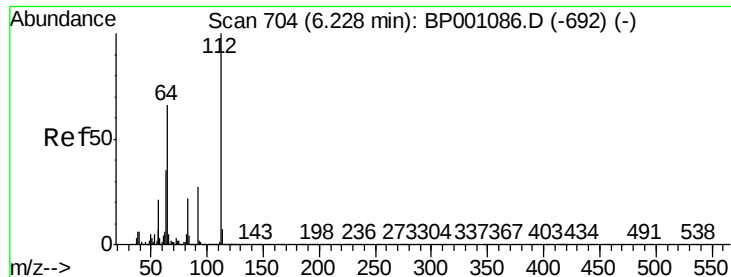
Ion Ratio Lower Upper

42 100

74 105.9 91.4 137.0

44 6.2 4.9 7.3





#5

2-Fluorophenol

Concen: 137.987 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

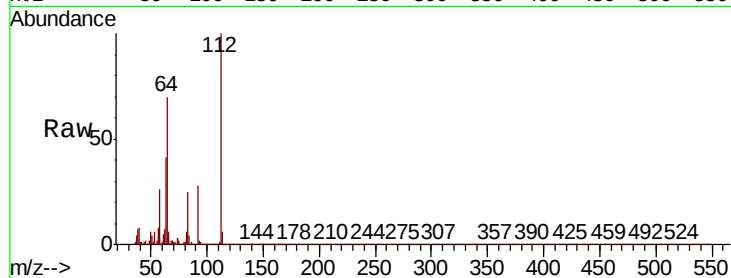
Tot Ion:112 Resp: 362076

Ion Ratio Lower Upper

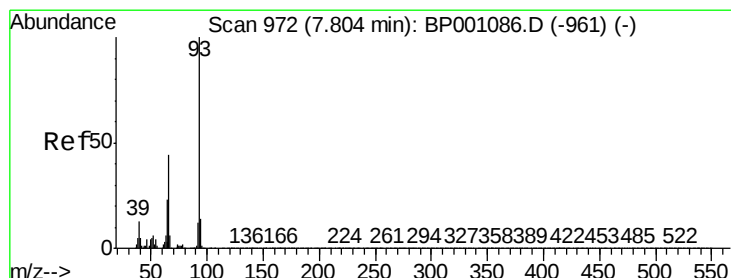
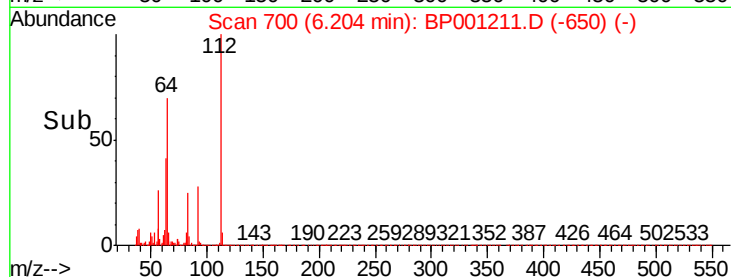
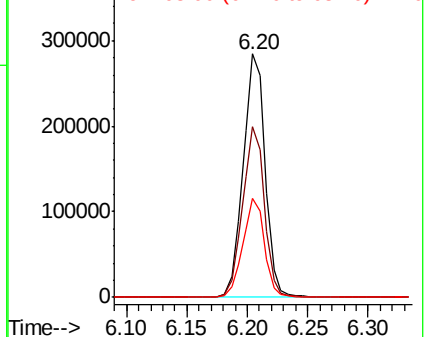
112 100

64 70.2 56.8 85.2

63 40.6 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): BPO
Ion 64.00 (63.70 to 64.70): BPO
Ion 63.00 (62.70 to 63.70): BPO



#6

Aniline

Concen: 31.370 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

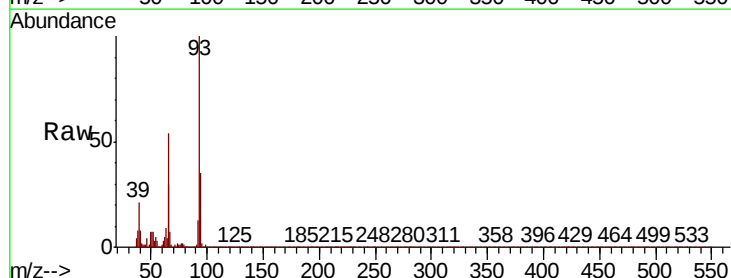
Tgt Ion: 93 Resp: 145398

Ion Ratio Lower Upper

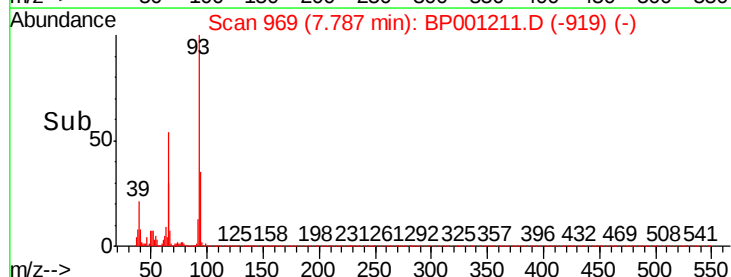
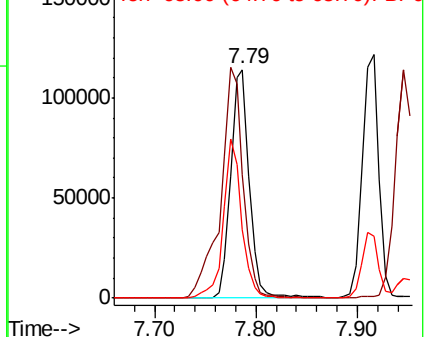
93 100

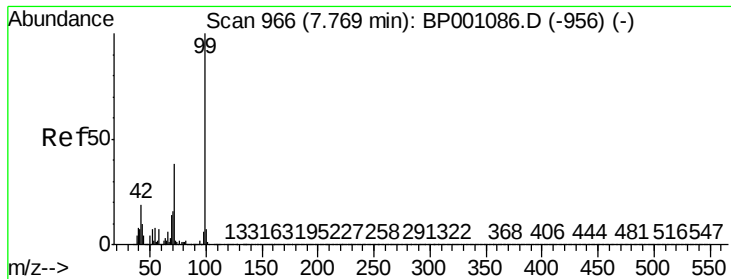
66 54.0 36.8 55.2

65 30.0 19.8 29.8#



Abundance Ion 93.00 (92.70 to 93.70): BPO
Ion 66.00 (65.70 to 66.70): BPO
Ion 65.00 (64.70 to 65.70): BPO





#7

Phenol-d6

Concen: 134.268 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

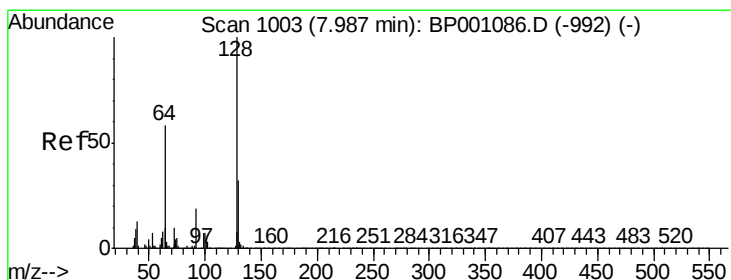
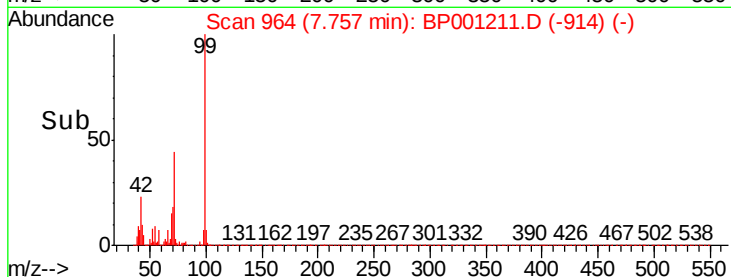
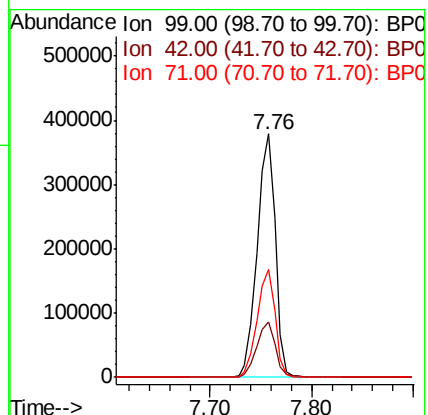
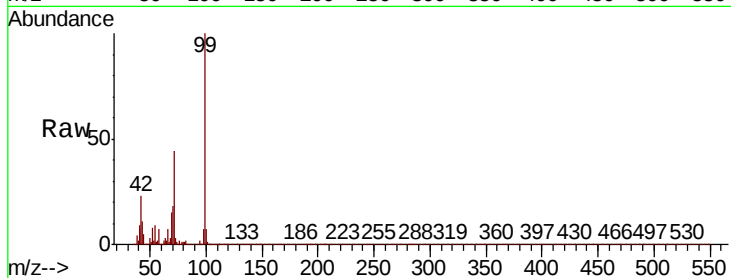
BNA_P

ClientSampleId :

PB125231BS

Tot Ion: 99 Resp: 469373

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.6	26.4
71	44.2	33.8	50.8



#8

2-Chlorophenol

Concen: 47.829 ng

RT: 7.97 min Scan# 1000

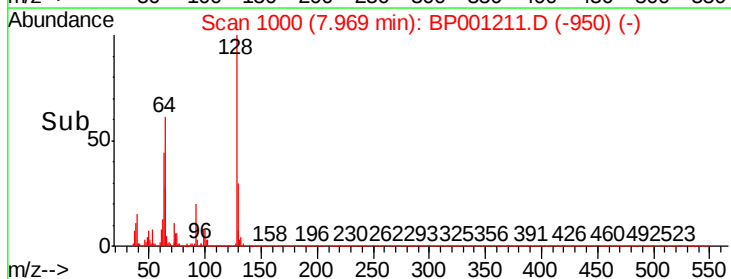
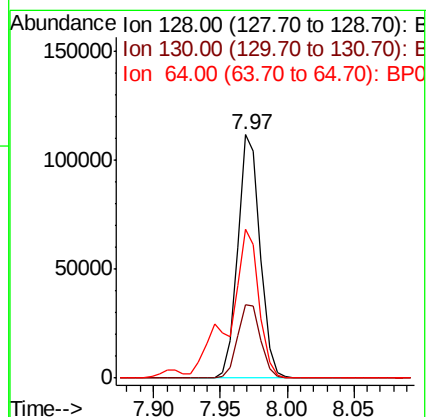
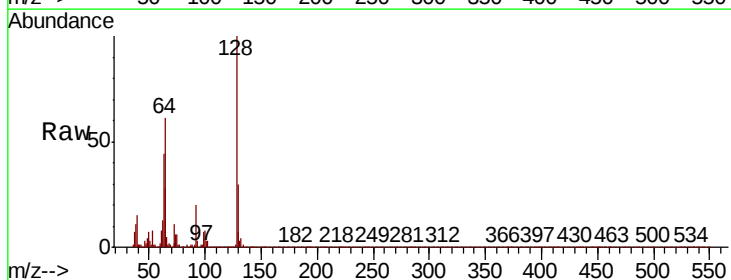
Delta R.T. -0.01 min

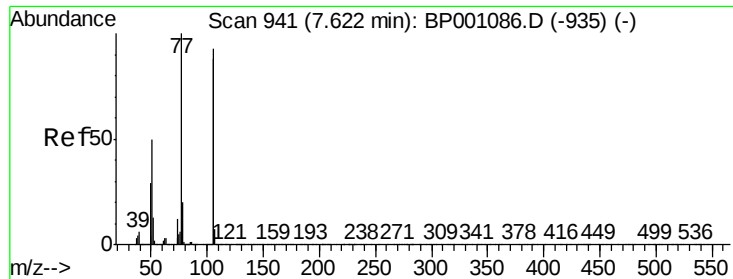
Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Tgt Ion: 128 Resp: 129849

Ion	Ratio	Lower	Upper
128	100		
130	30.1	12.4	52.4
64	61.3	38.9	78.9

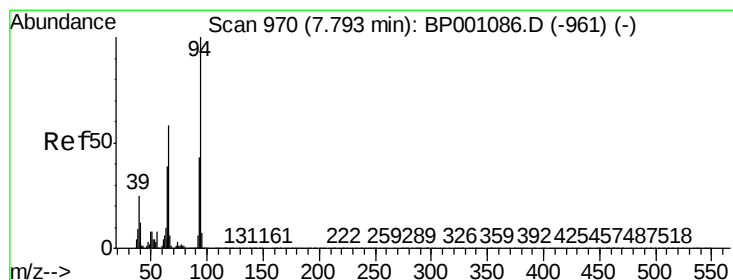
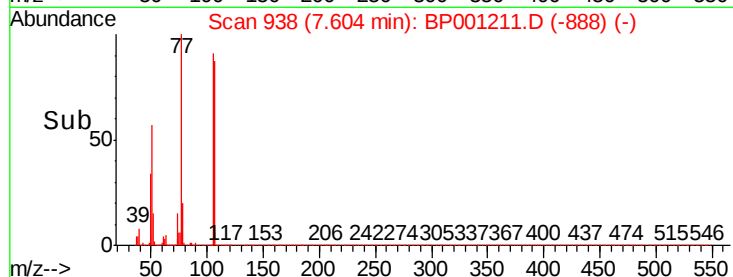
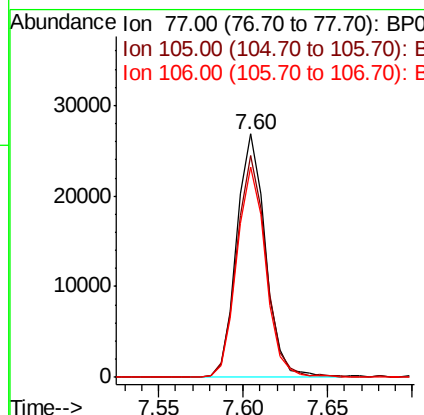
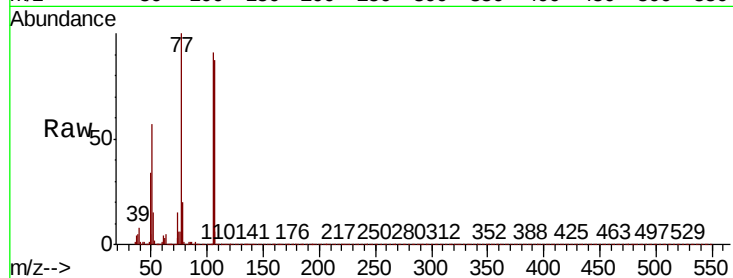




#9
Benzaldehyde
Concen: 10.473 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

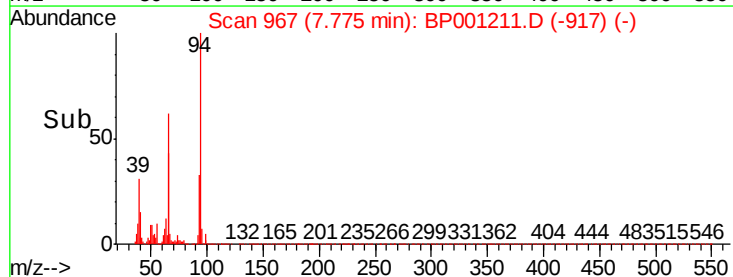
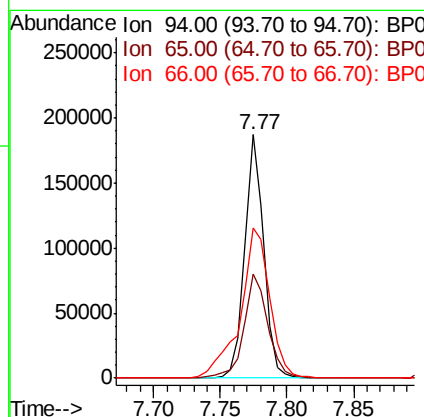
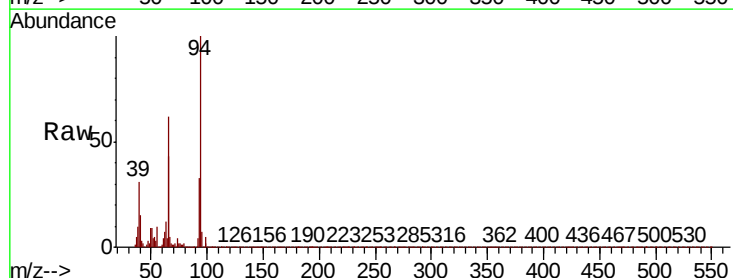
Instrument :
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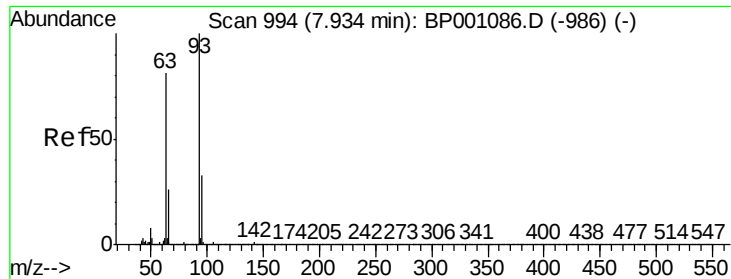
Tot Ion: 77 Resp: 31577
Ion Ratio Lower Upper
77 100
105 91.3 69.7 109.7
106 86.6 67.1 107.1



#10
Phenol
Concen: 46.325 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion: 94 Resp: 184206
Ion Ratio Lower Upper
94 100
65 42.6 25.6 65.6
66 61.6 52.6 92.6

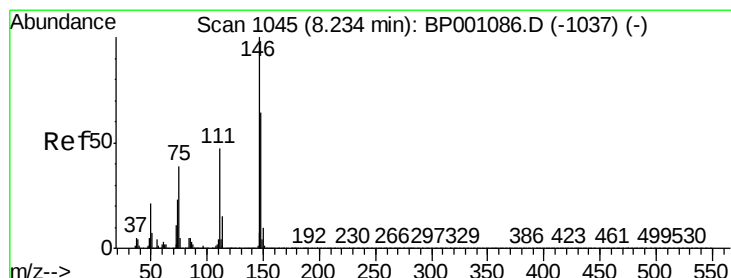
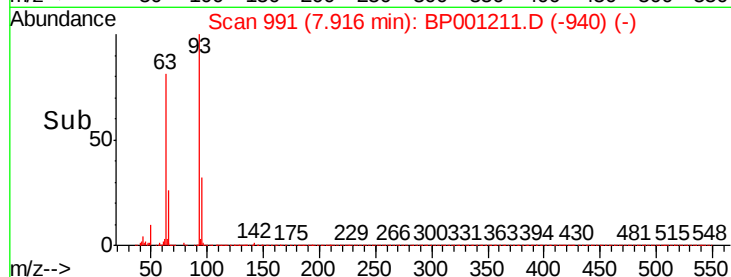
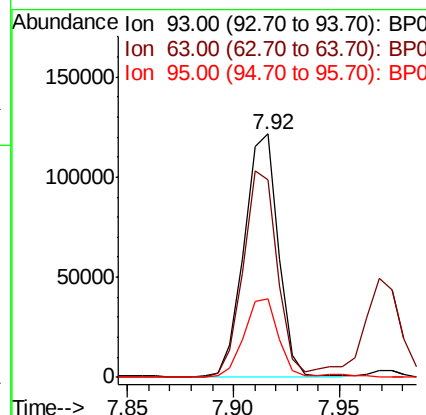
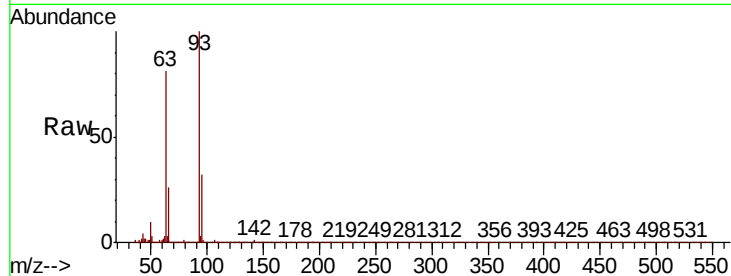




#11
bis(2-Chloroethyl)ether
Concen: 44.117 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

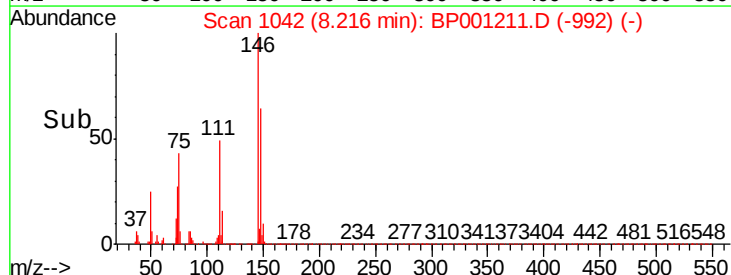
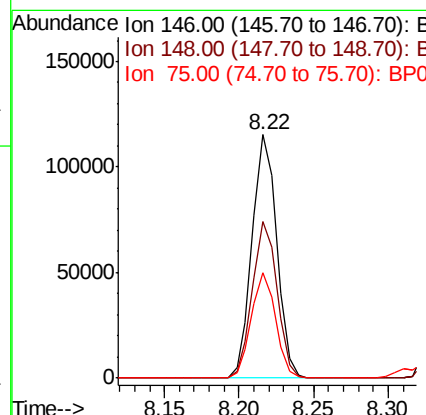
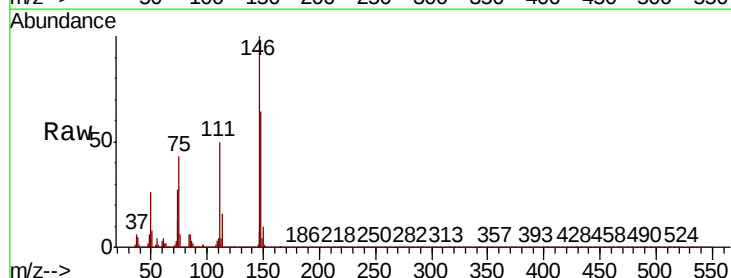
Instrument :
BNA_P
ClientSampleId :
PB125231BS

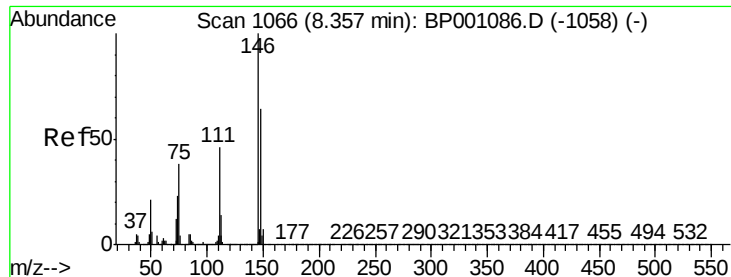
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	65.8	105.8
95	32.2	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 40.764 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	43.3	32.2	48.2

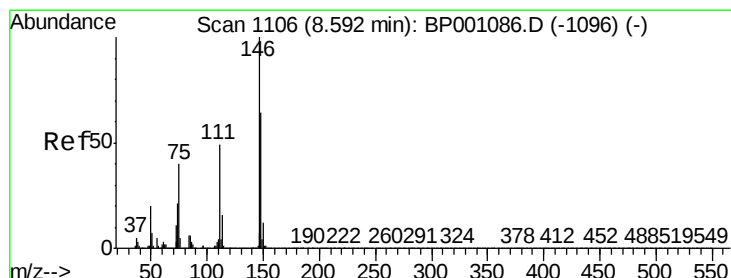
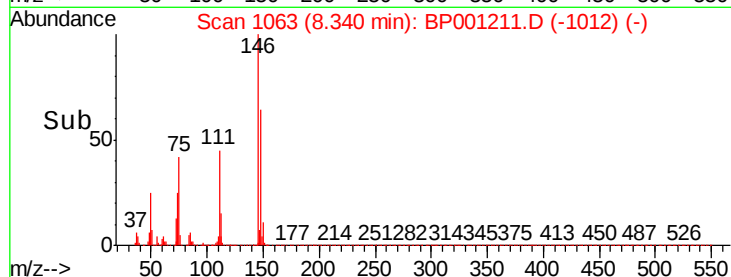
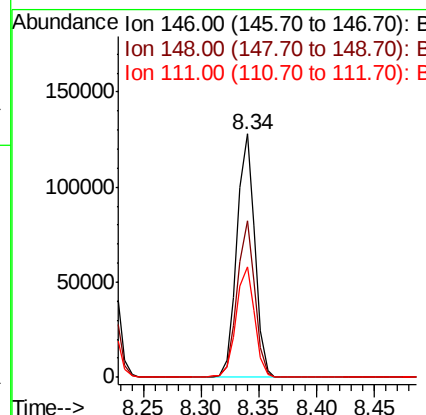
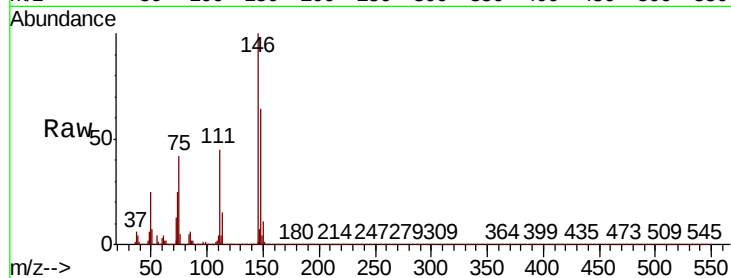




#13
1,4-Dichlorobenzene
Concen: 42.336 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

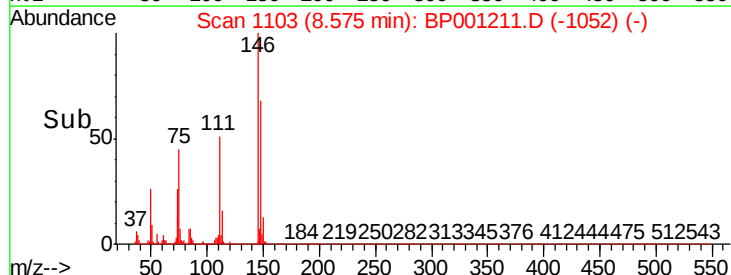
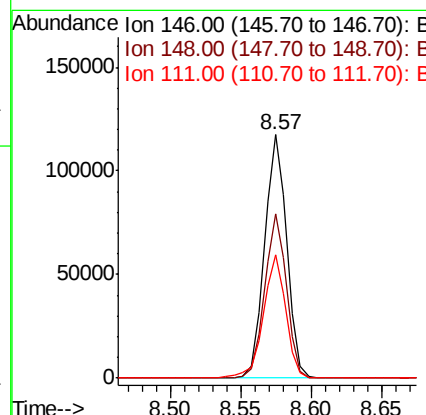
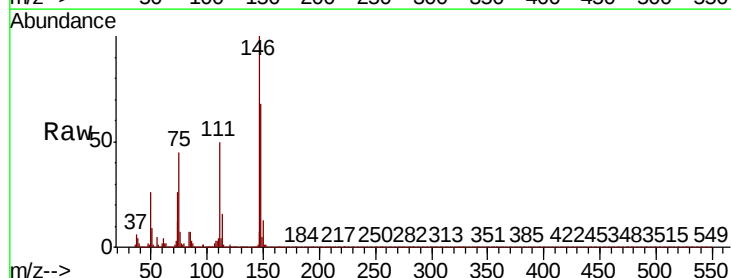
Instrument :
BNA_P
ClientSampleId :
PB125231BS

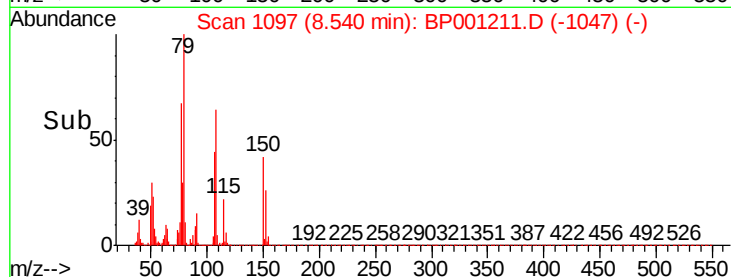
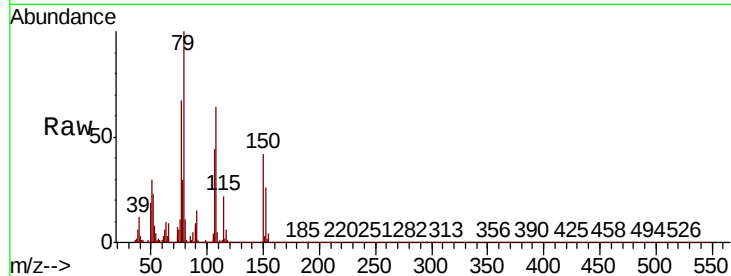
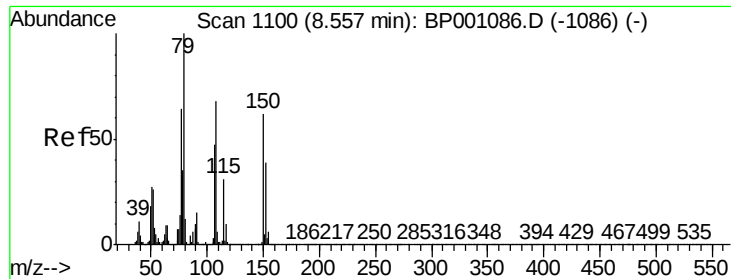
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	45.4	37.3	55.9



#14
1,2-Dichlorobenzene
Concen: 42.506 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.5	77.3
111	50.5	40.7	61.1





#15

Benzyl Alcohol

Concen: 49.928 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleID :

PB125231BS

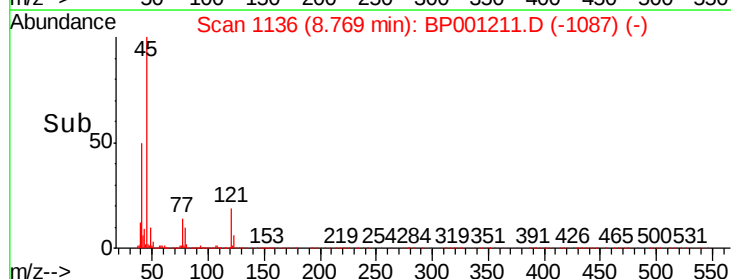
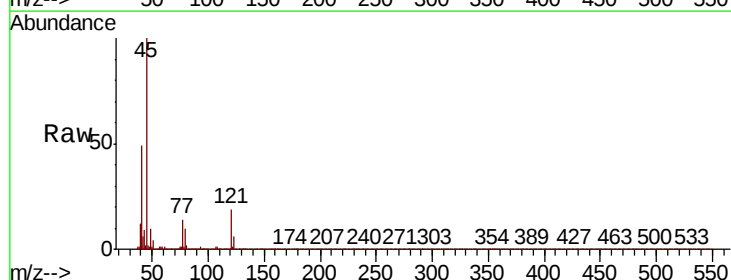
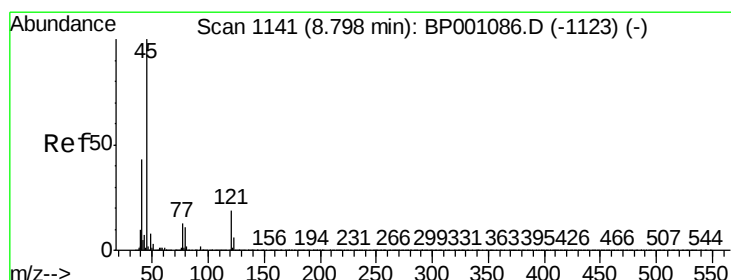
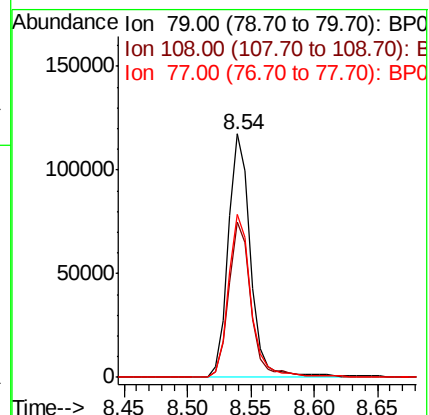
Tot Ion: 79 Resp: 143275

Ion Ratio Lower Upper

79 100

108 63.7 51.6 77.4

77 67.2 53.5 80.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.072 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

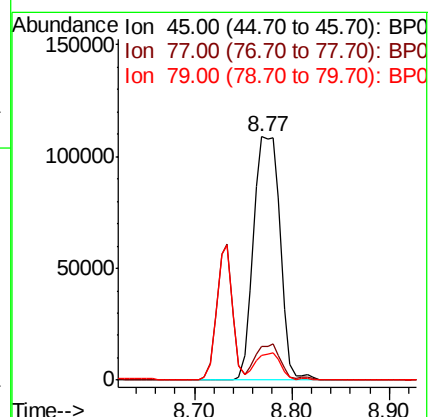
Tgt Ion: 45 Resp: 209441

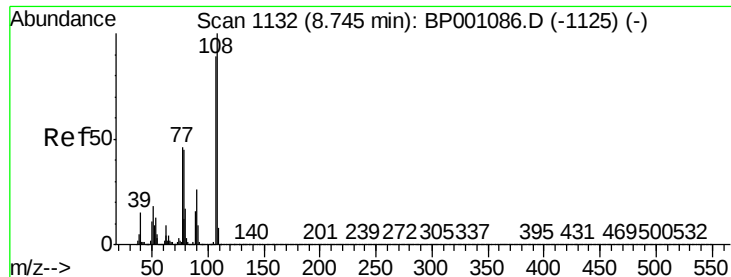
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.9

79 10.3 0.0 30.9

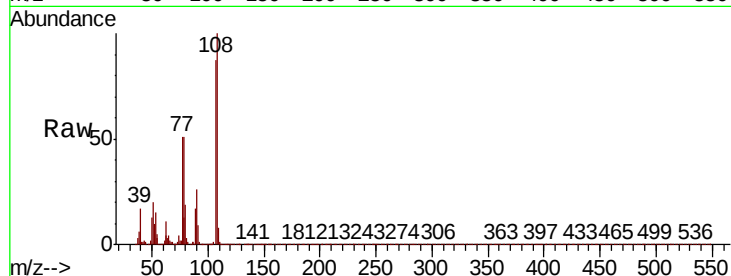




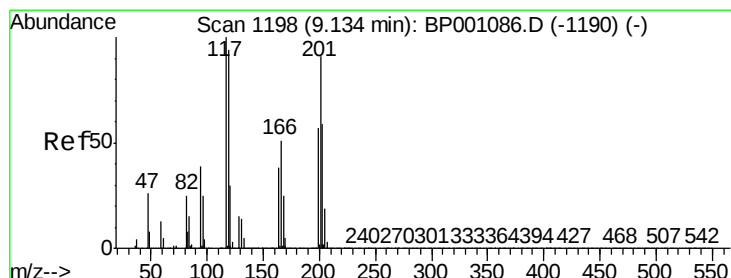
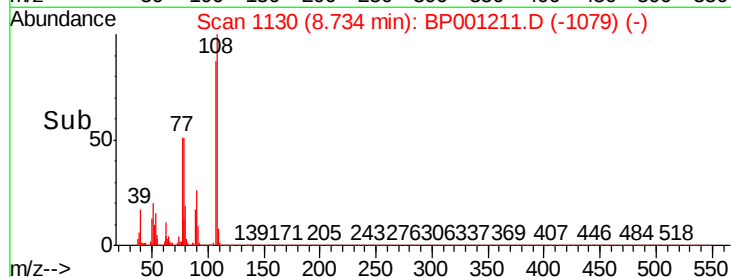
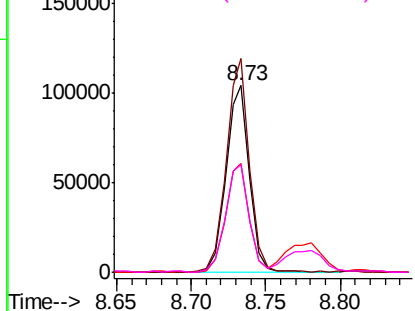
#17
2-Methylphenol
Concen: 45.859 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion:	107	Resp:	114204
Ion	Ratio	Lower	Upper
107	100		
108	114.5	88.8	133.2
77	58.2	46.3	69.5
79	57.9	46.6	70.0

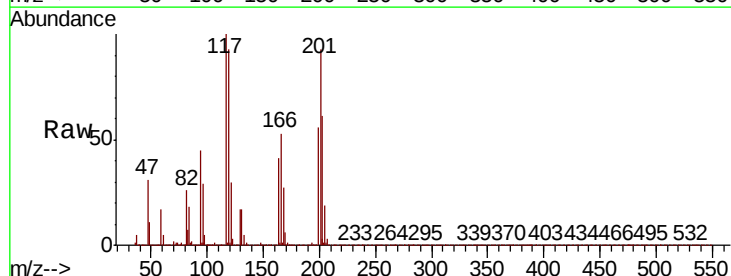


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

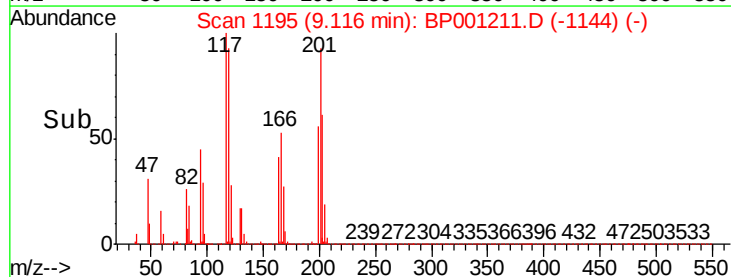
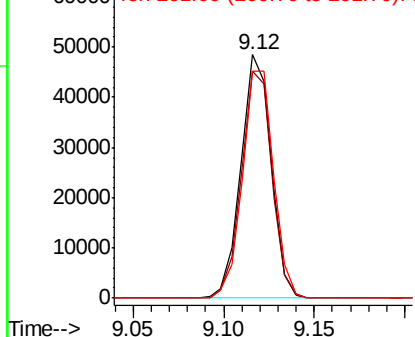


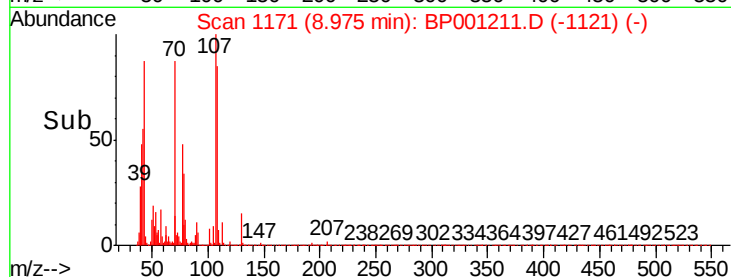
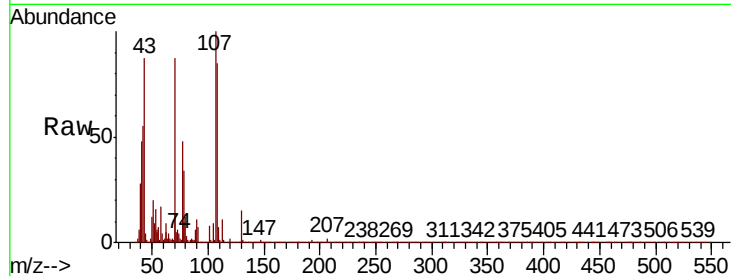
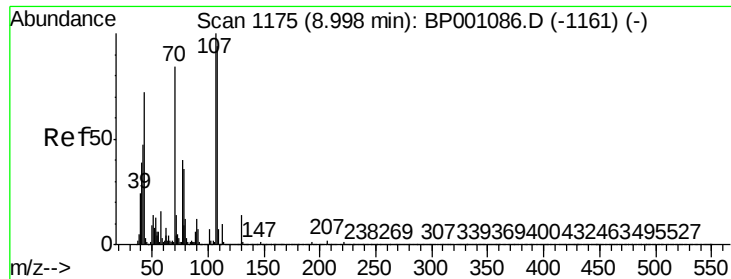
#18
Hexachloroethane
Concen: 41.955 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:	117	Resp:	56259
Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.7	118.1
201	93.3	75.5	113.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

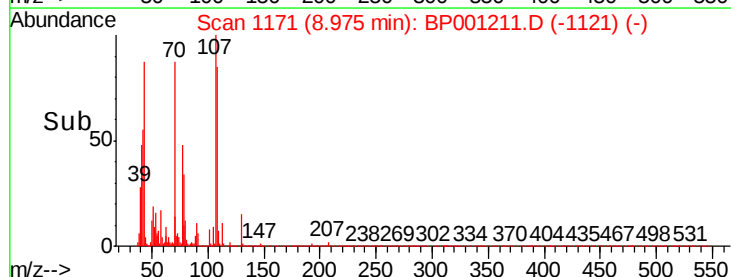
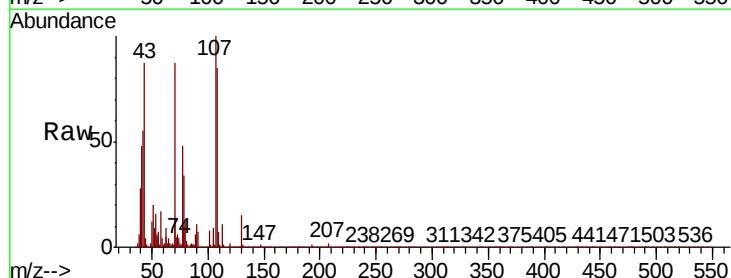
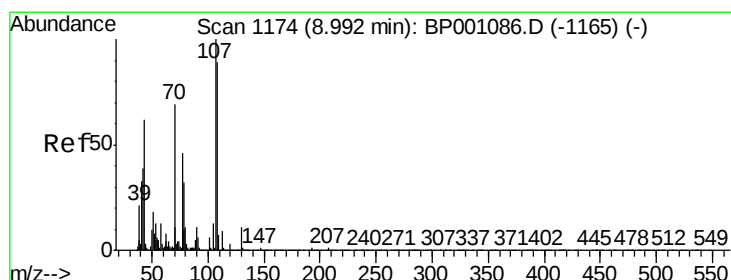
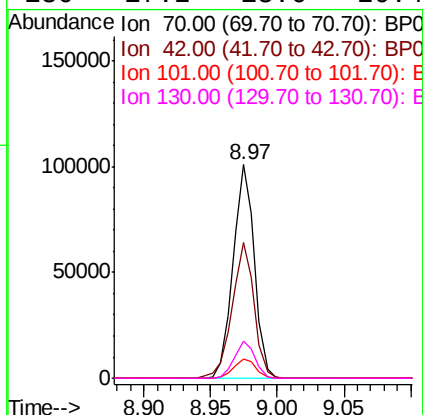




#19
n-Nitroso-di-n-propylamine
Concen: 44.609 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

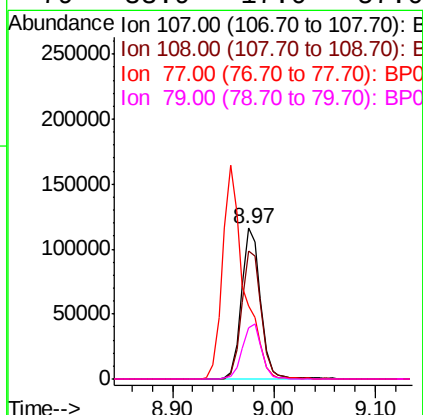
Instrument :
BNA_P
ClientSampleId :
PB125231BS

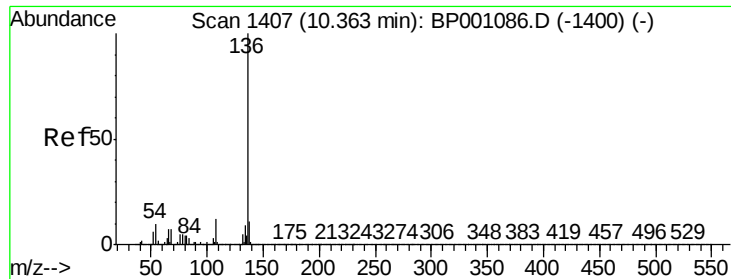
Tot Ion:	70	Resp:	112527
Ion	Ratio	Lower	Upper
70	100		
42	63.5	50.6	76.0
101	9.1	7.1	10.7
130	17.2	13.6	20.4



#20
3+4-Methylphenols
Concen: 47.712 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:	107	Resp:	149779
Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.3	108.3
77	48.1	25.2	65.2
79	33.9	17.0	57.0

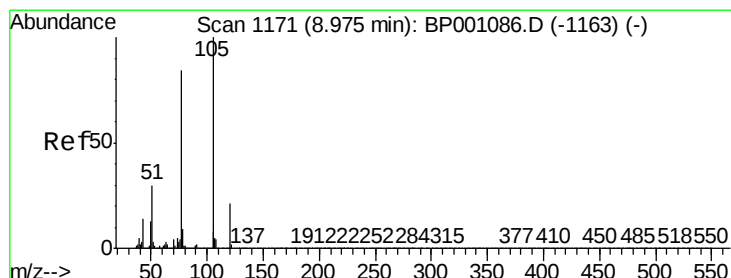
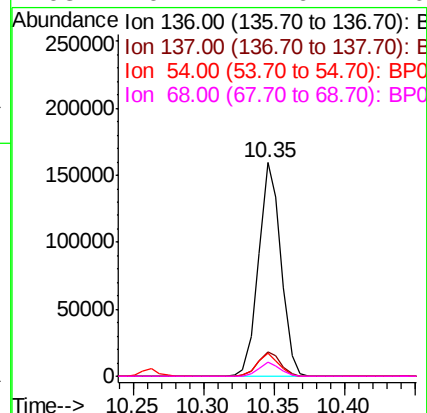
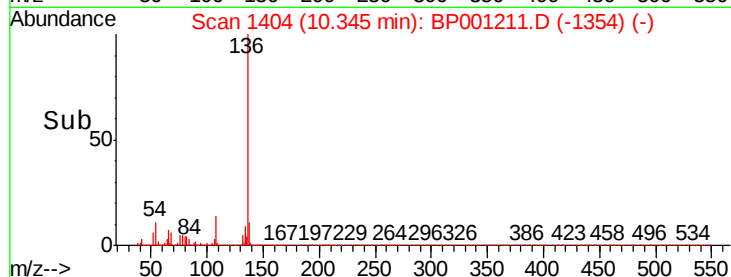
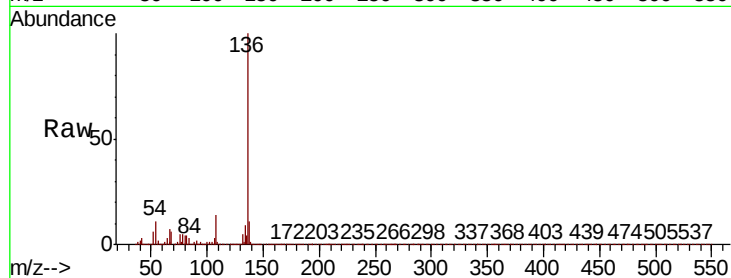




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

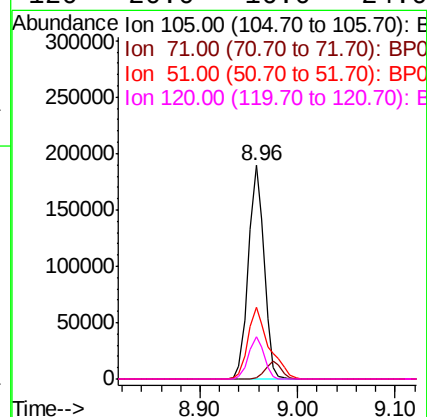
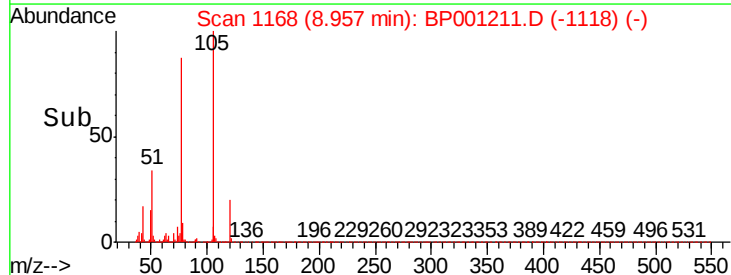
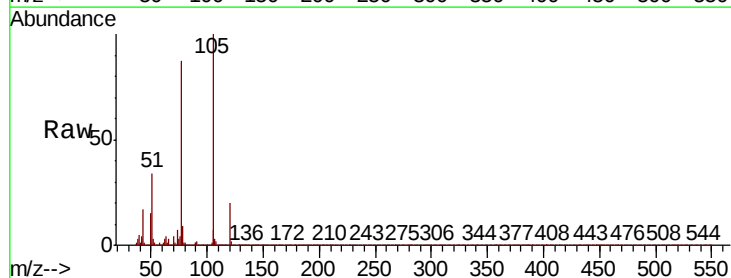
Instrument :
BNA_P
ClientSampleId :
PB125231BS

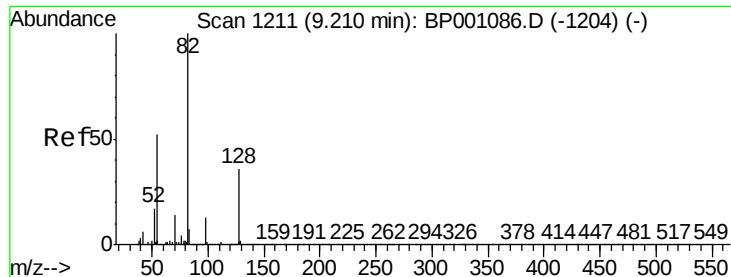
Tot Ion:136	Resp:	177861	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.4	12.6	
54 10.9	7.4	11.0	
68 6.4	4.6	7.0	



#22
Acetophenone
Concen: 40.463 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt	Ion:105	Resp:	211525
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.7	1.1#
51	33.7	26.9	40.3
120	20.0	16.0	24.0

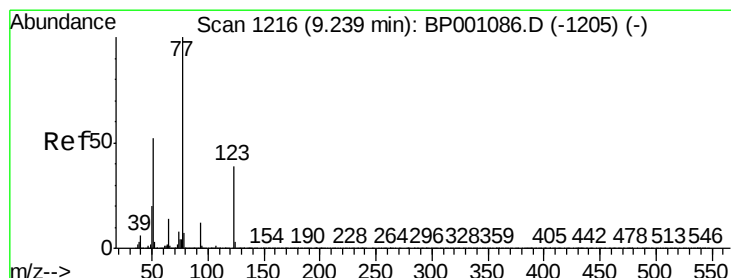
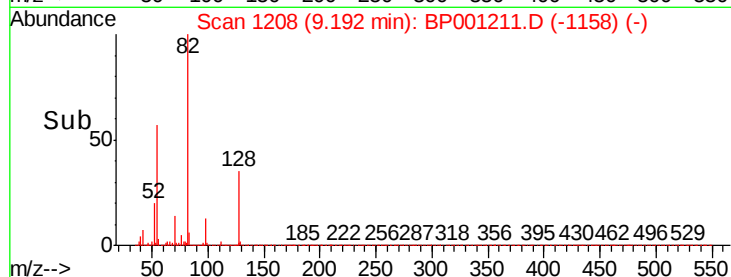
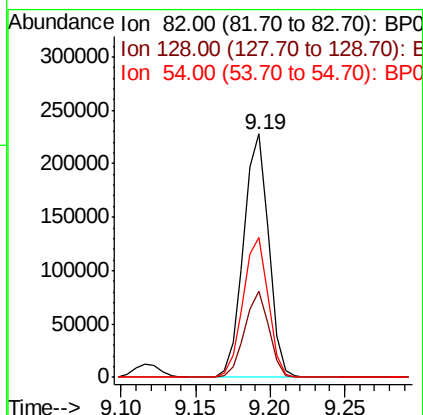
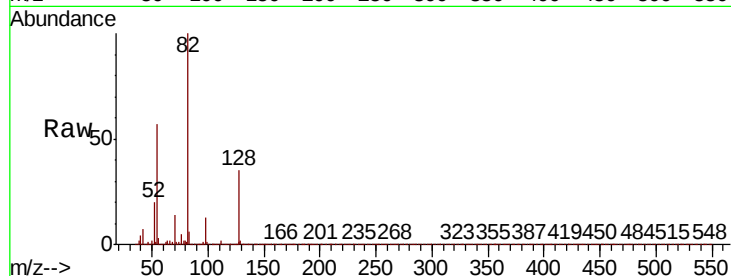




#23
 Nitrobenzene-d5
 Concen: 64.742 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

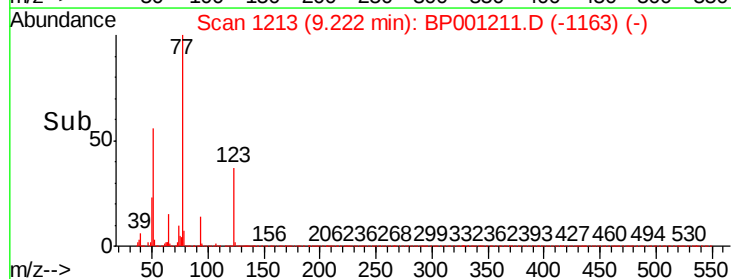
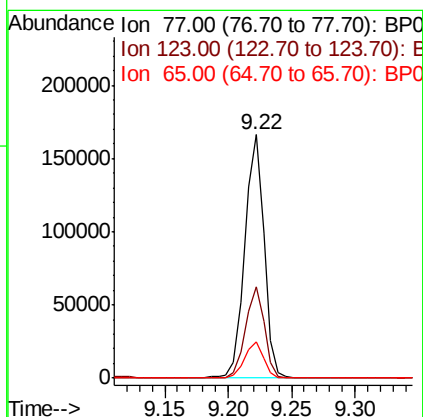
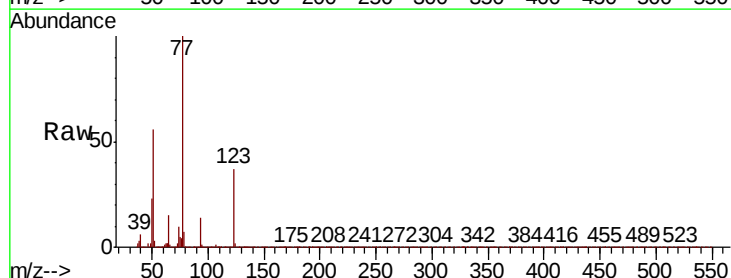
Instrument :
 BNA_P
 ClientSampleId :
 PB125231BS

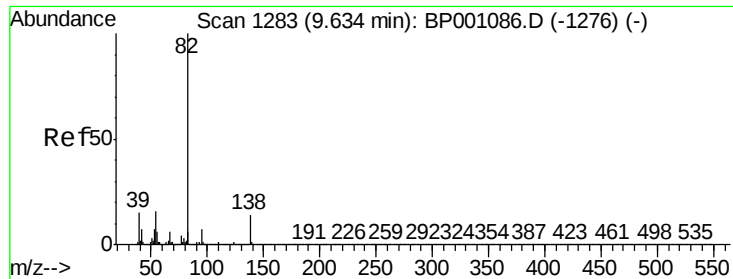
Tot Ion	82	Resp	265411
Ion Ratio	Lower	Upper	
82	100		
128	35.5	27.5	41.3
54	57.4	45.7	68.5



#24
 Nitrobenzene
 Concen: 42.529 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion	77	Resp	173371
Ion Ratio	Lower	Upper	
77	100		
123	37.3	30.2	45.4
65	15.0	11.9	17.9

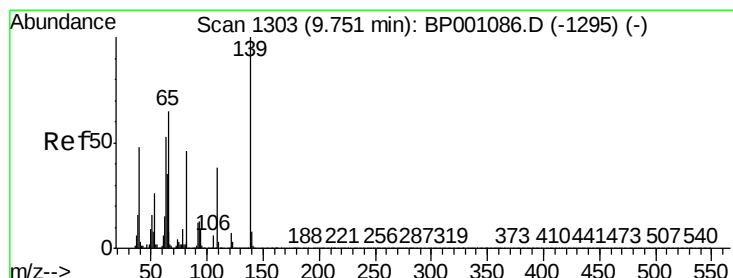
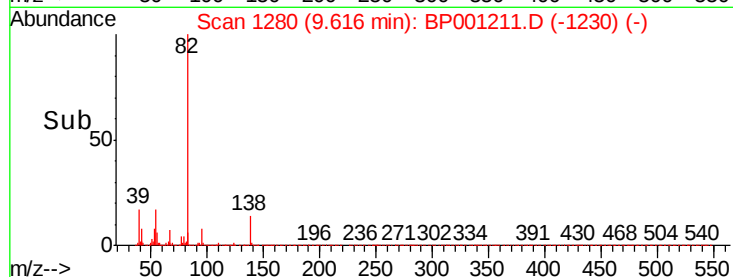
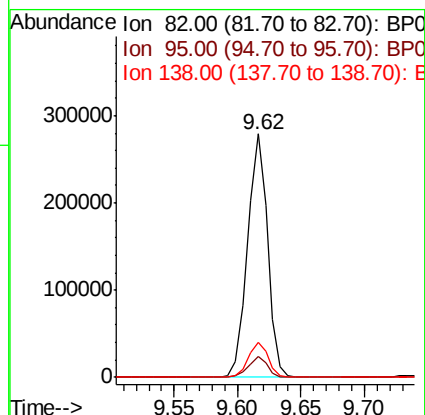
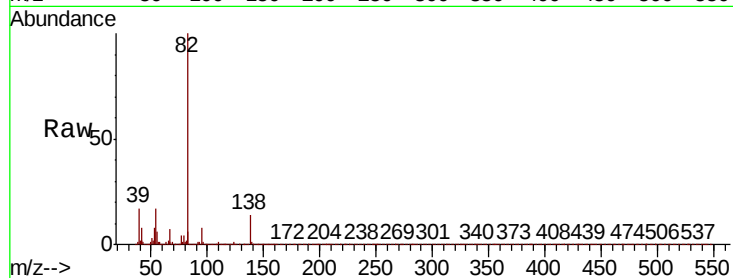




#25
Isophorone
Concen: 41.572 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

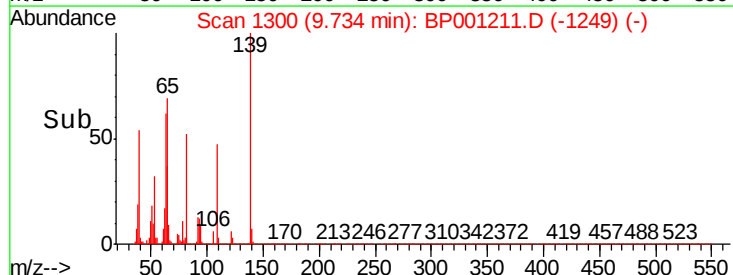
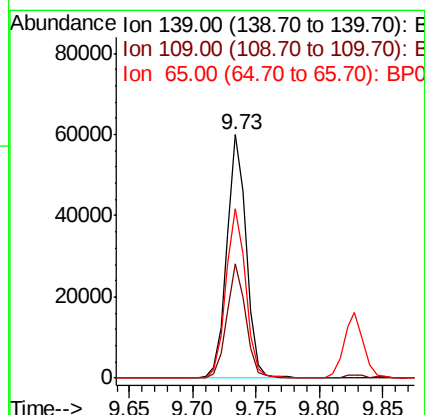
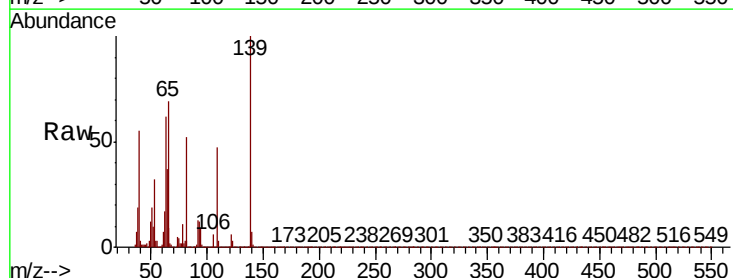
Instrument :
BNA_P
ClientSampleId :
PB125231BS

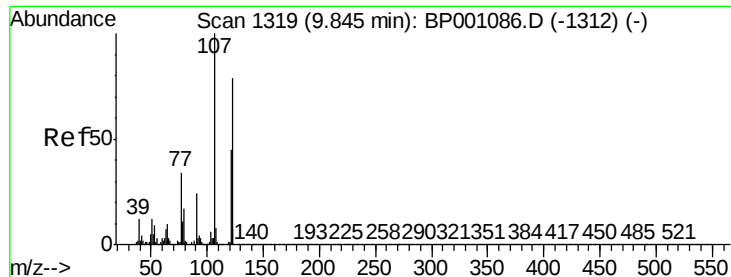
Tot Ion	82	Resp	305605
Ion Ratio	100		
Lower	6.3		
Upper	9.5		
82	100		
95	8.4	6.3	9.5
138	14.3	11.4	17.0



#26
2-Nitrophenol
Concen: 42.341 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	139	Resp	63222
Ion Ratio	100		
Lower	35.5		
Upper	53.3		
139	100		
109	46.9	35.5	53.3
65	69.4	59.3	88.9





#27

2,4-Dimethylphenol

Concen: 47.931 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

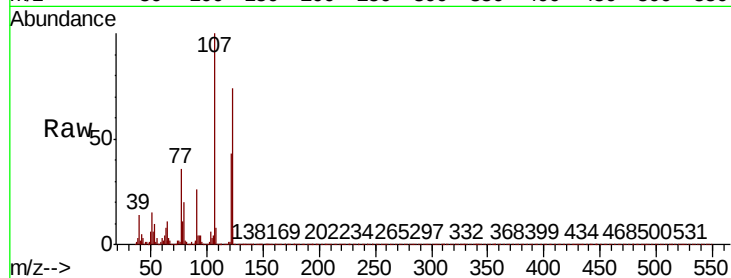
Tot Ion:122 Resp: 113365

Ion Ratio Lower Upper

122 100

107 135.3 106.7 160.1

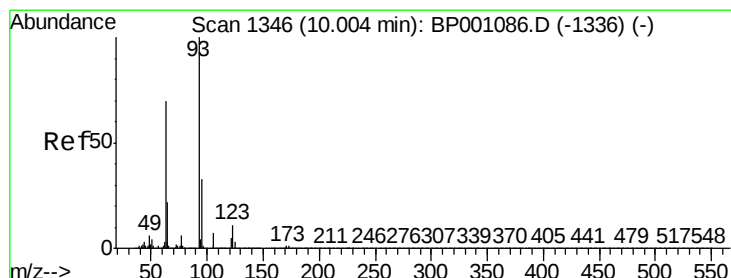
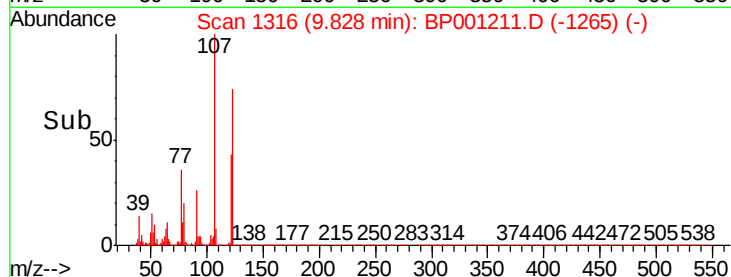
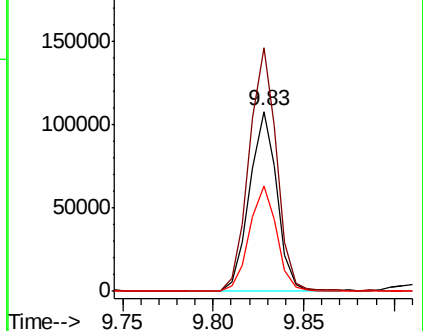
121 58.8 47.3 70.9



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: 37.552 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

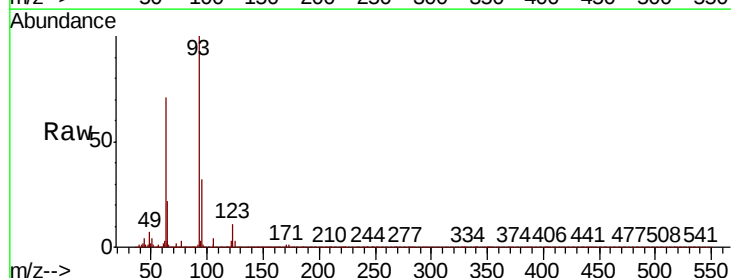
Tgt Ion: 93 Resp: 173202

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

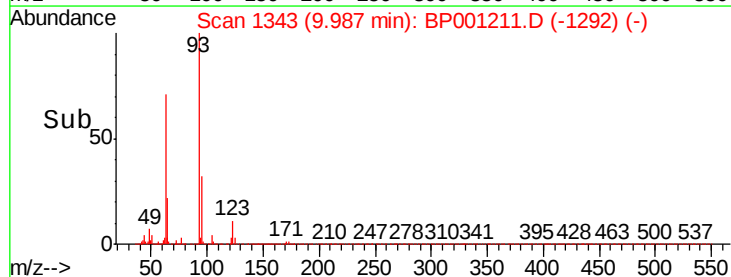
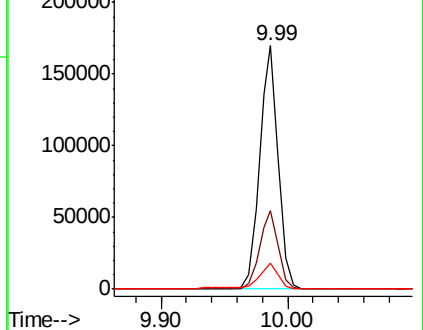
123 10.9 8.5 12.7

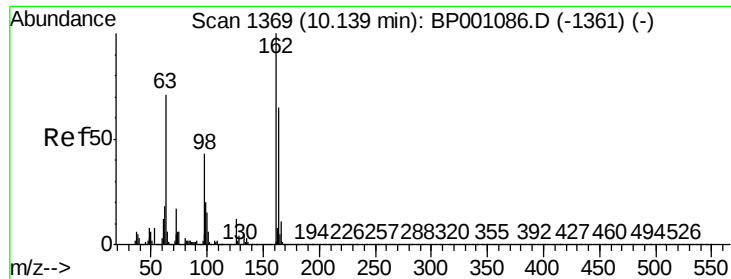


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

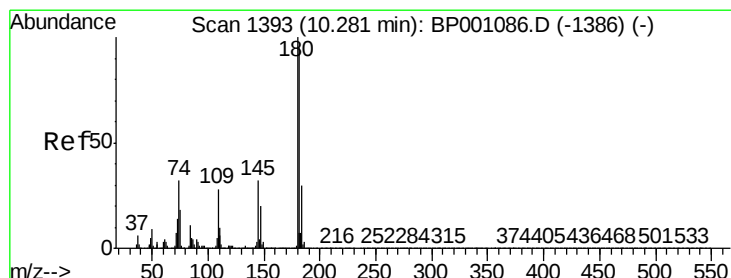
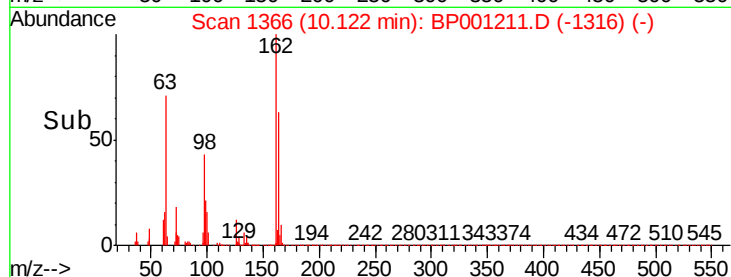
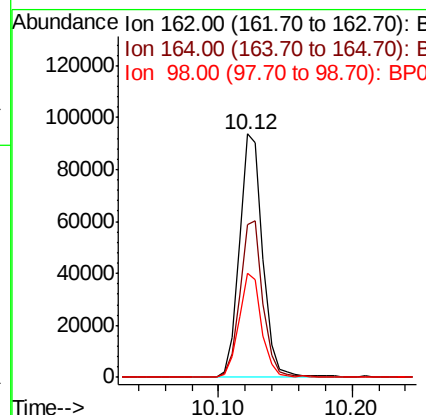
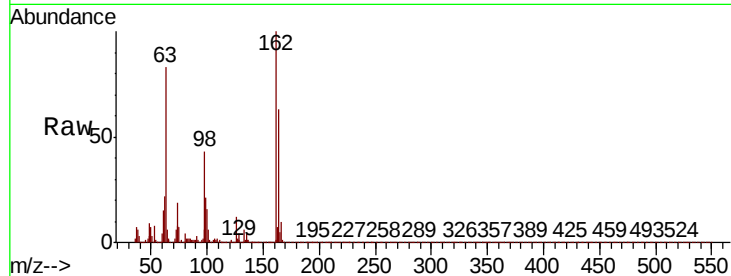




#29
 2,4-Dichlorophenol
 Concen: 42.272 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

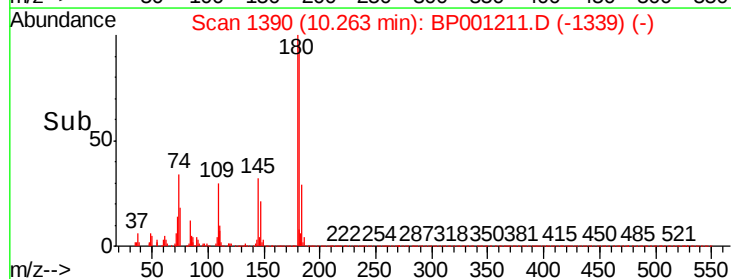
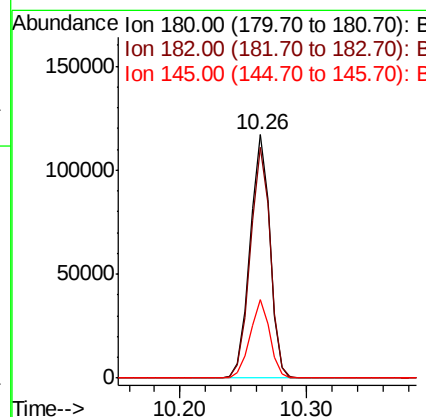
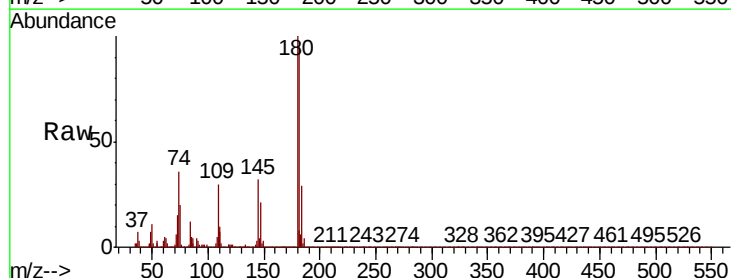
Instrument :
 BNA_P
 ClientSampleId :
 PB125231BS

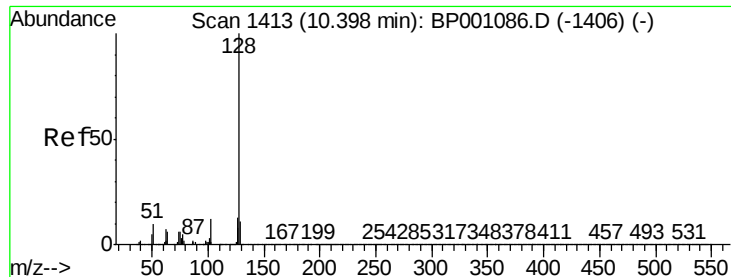
Tot Ion:162 Resp: 113793
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.7 84.7
 98 43.0 22.9 62.9



#30
 1,2,4-Trichlorobenzene
 Concen: 40.407 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion:180 Resp: 127043
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.4 113.0
 145 32.3 25.1 37.7

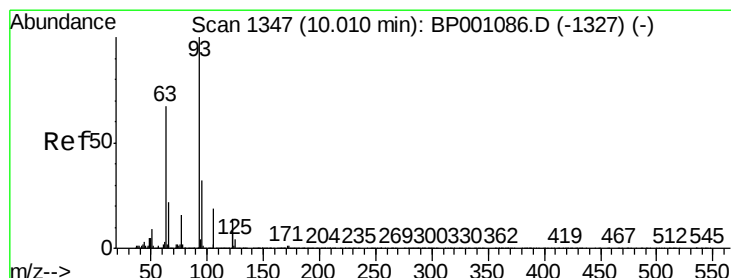
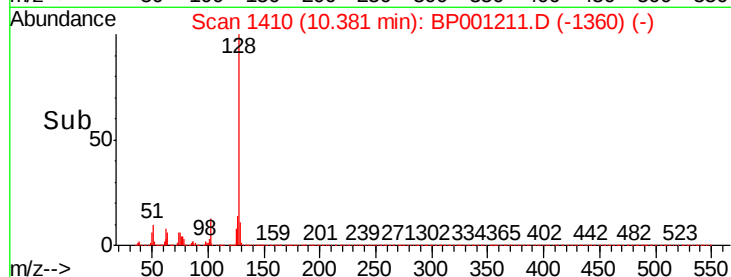
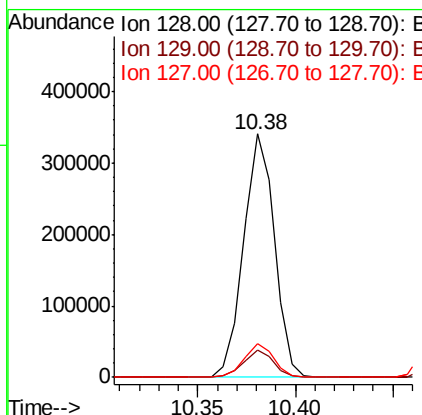
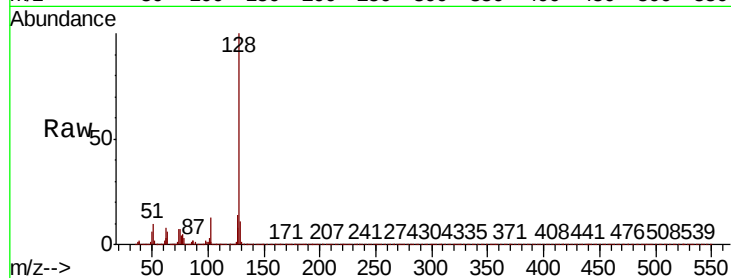




#31
Naphthalene
Concen: 41.039 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

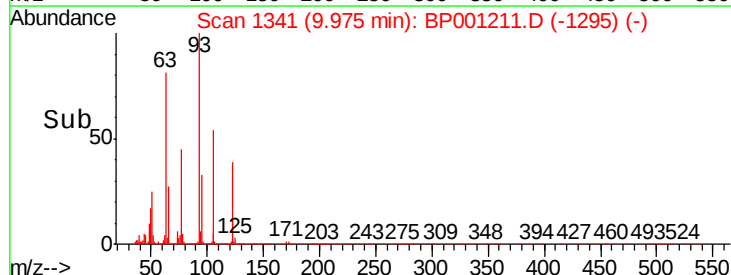
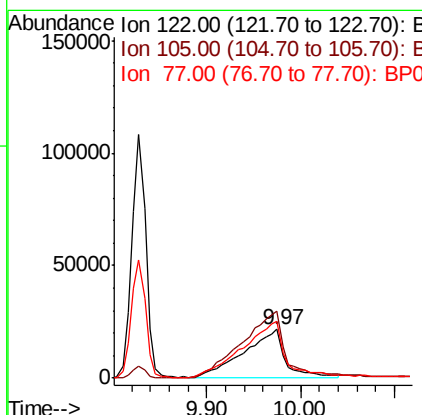
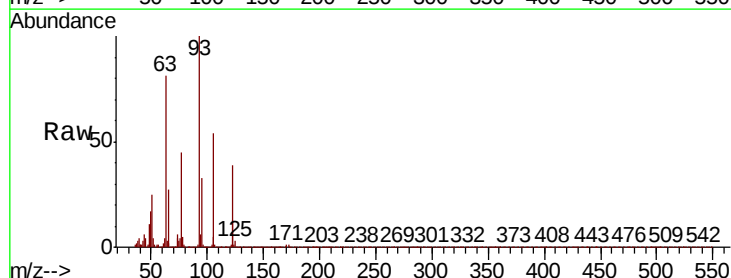
Instrument :
BNA_P
ClientSampleId :
PB125231BS

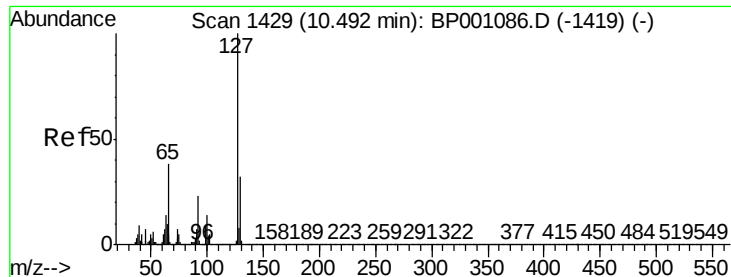
Tot Ion:128 Resp: 372793
Ion Ratio Lower Upper
128 100
129 11.3 8.3 12.5
127 13.8 10.6 16.0



#32
Benzoic acid
Concen: 37.985 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:122 Resp: 64951
Ion Ratio Lower Upper
122 100
105 137.5 122.3 162.3
77 115.0 100.4 140.4

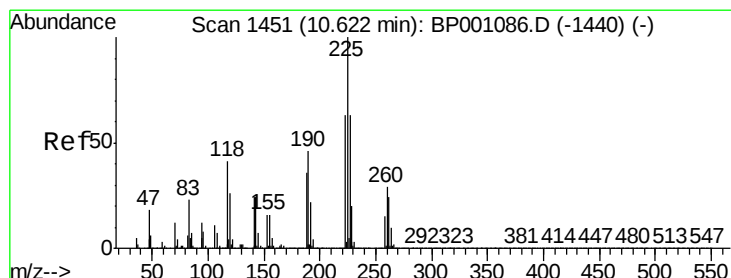
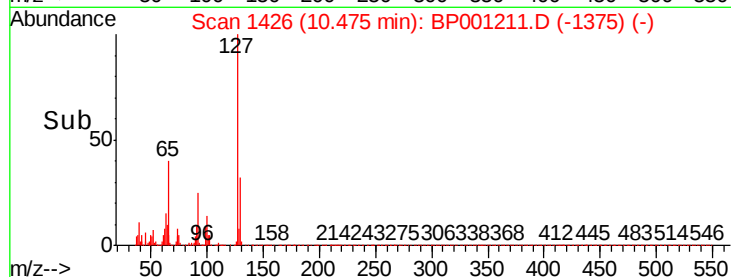
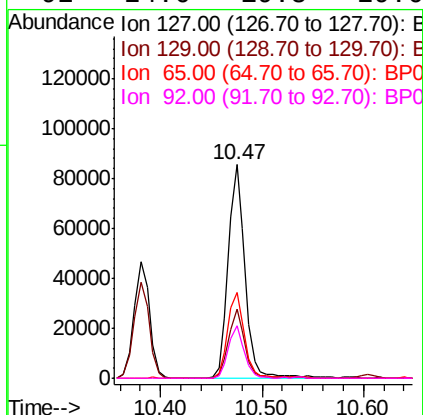
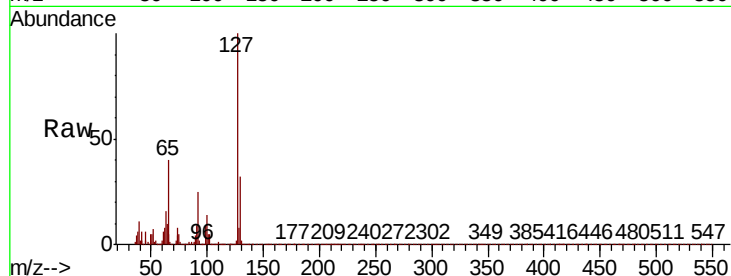




#33
4-Chloroaniline
Concen: 25.087 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

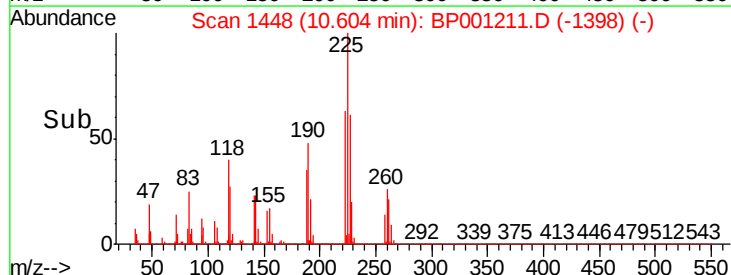
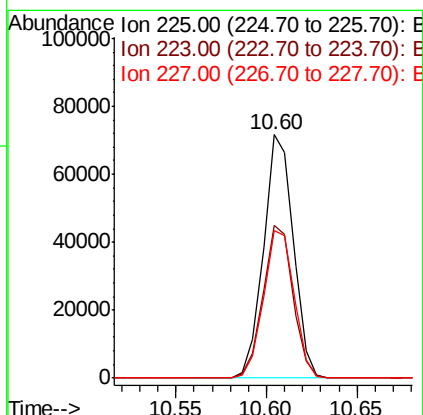
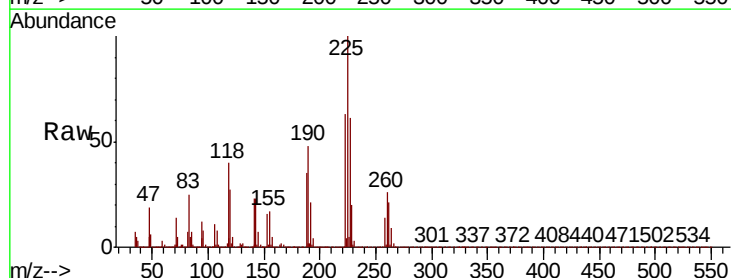
Instrument :
BNA_P
ClientSampleId :
PB125231BS

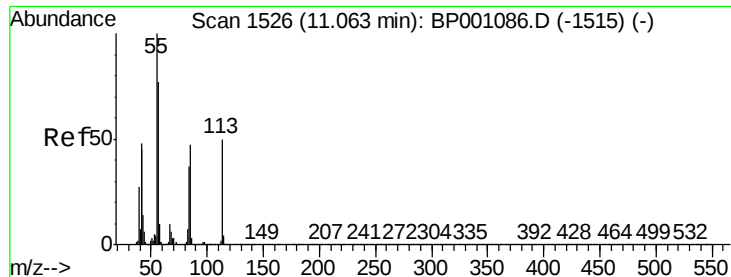
Tot Ion:127	Resp:	98893
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.6 38.4
65	40.0	33.6 50.4
92	24.6	19.8 29.6



#34
Hexachlorobutadiene
Concen: 41.320 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:225	Resp:	81725
Ion	Ratio	Lower Upper
225	100	
223	62.7	47.8 71.6
227	60.6	50.0 75.0

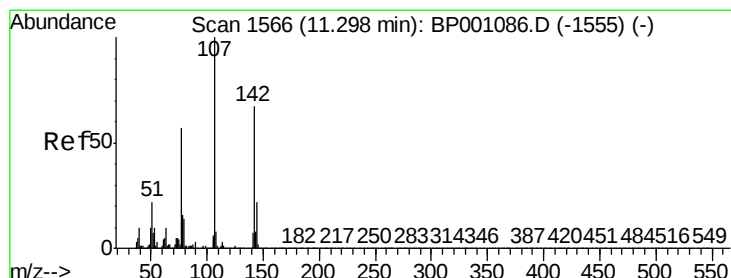
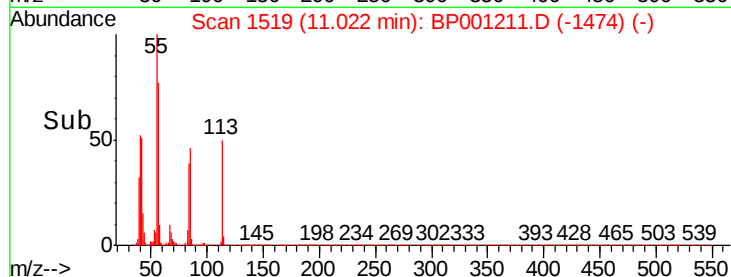
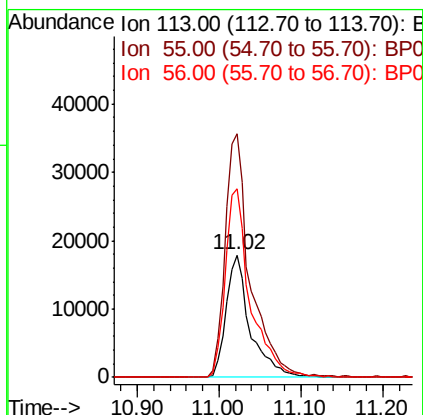
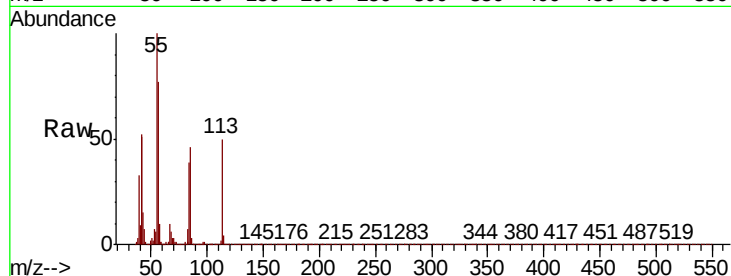




#35
 Caprolactam
 Concen: 39.336 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.04 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

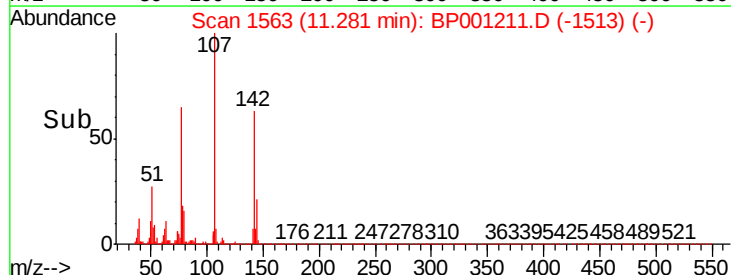
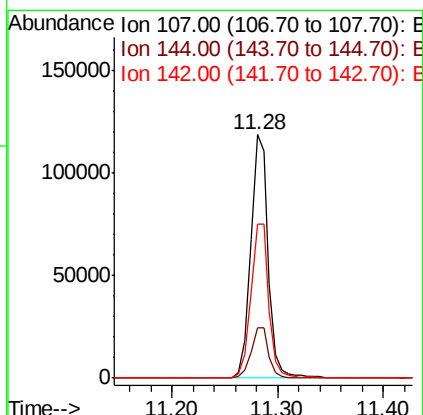
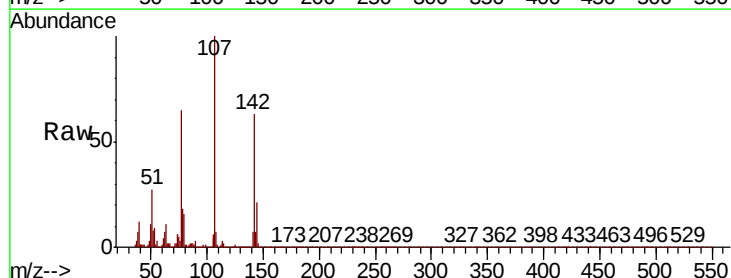
Instrument :
 BNA_P
 ClientSampleId :
 PB125231BS

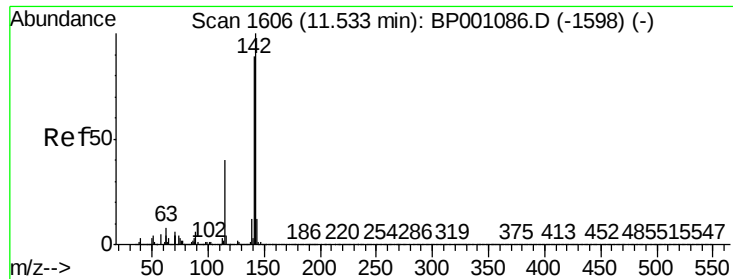
Tot Ion:113 Resp: 36494
 Ion Ratio Lower Upper
 113 100
 55 199.0 185.4 225.4
 56 153.8 136.9 176.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.846 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion:107 Resp: 136746
 Ion Ratio Lower Upper
 107 100
 144 20.7 16.8 25.2
 142 63.5 51.8 77.6

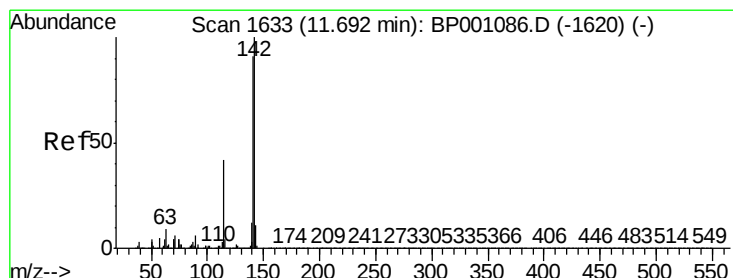
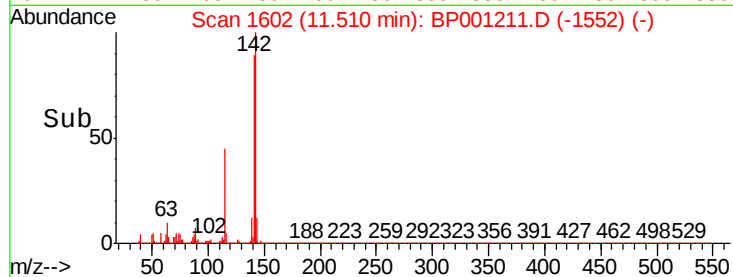
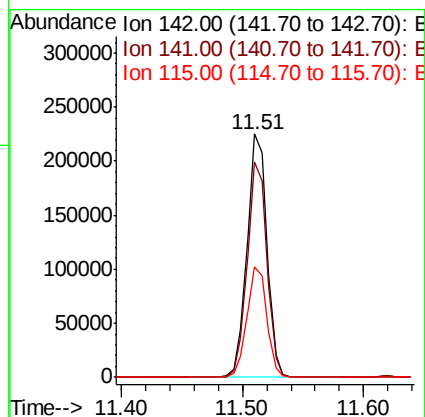
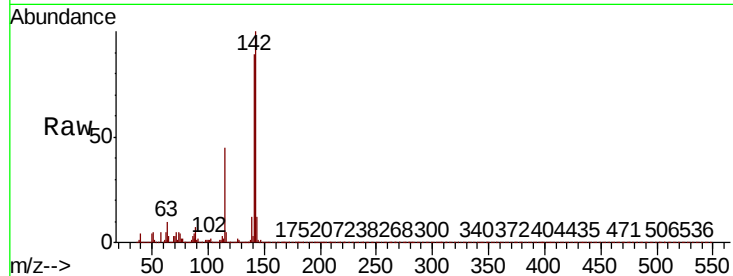




#37
2-Methylnaphthalene
Concen: 42.057 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

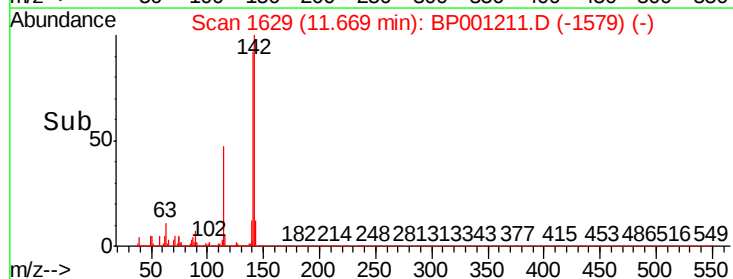
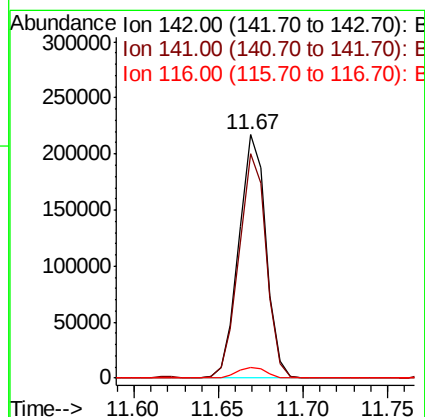
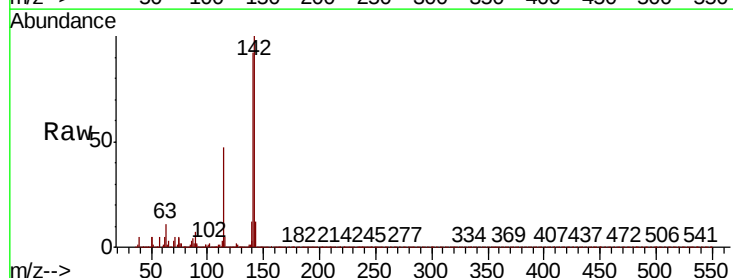
Instrument :
BNA_P
ClientSampleId :
PB125231BS

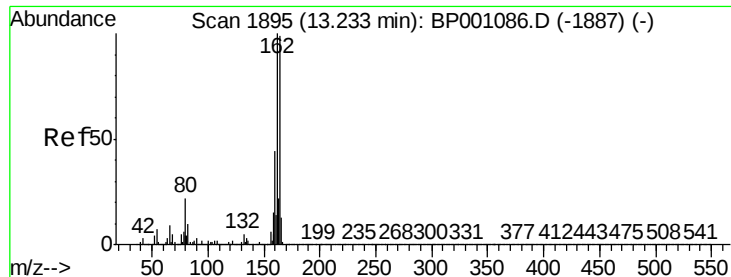
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	45.3	36.0	54.0



#38
1-Methylnaphthalene
Concen: 41.440 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1
116	4.6	3.8	5.6

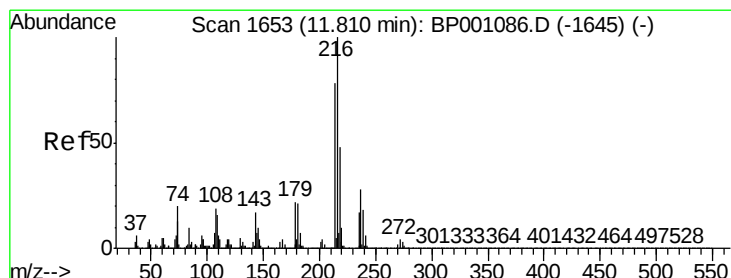
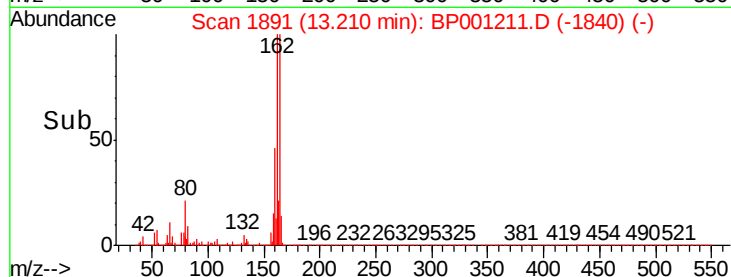
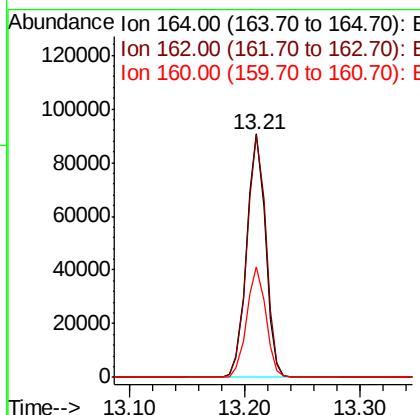
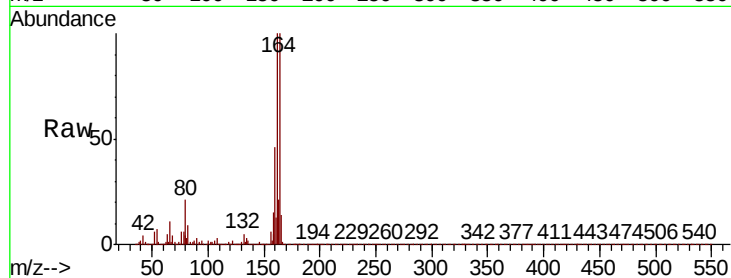




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

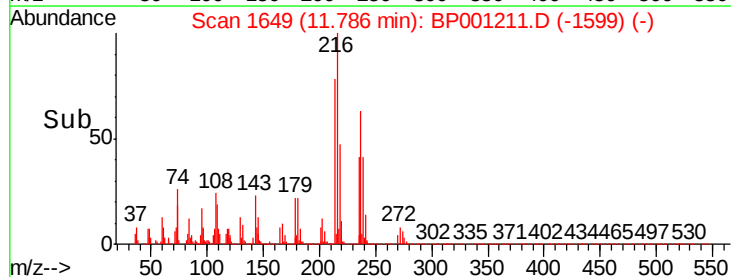
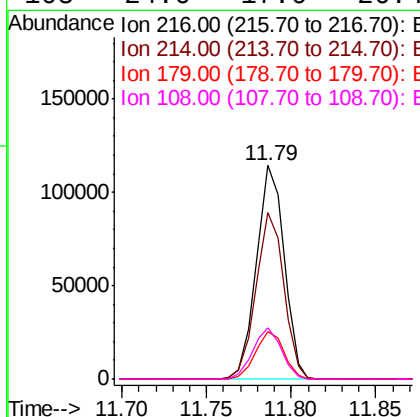
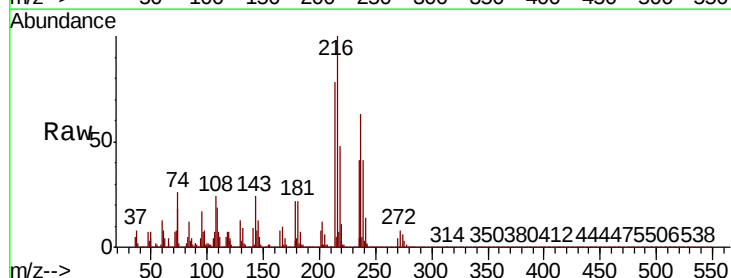
Instrument :
BNA_P
ClientSampleId :
PB125231BS

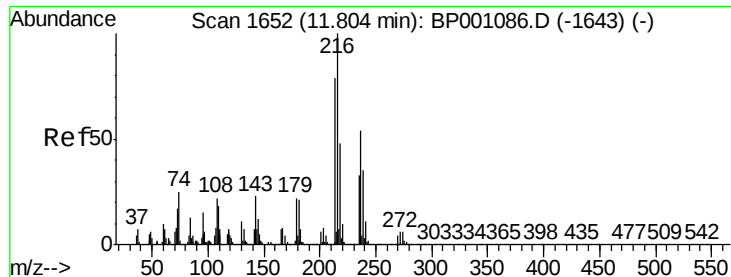
Tot Ion:164 Resp: 102530
Ion Ratio Lower Upper
164 100
162 99.6 80.7 121.1
160 45.5 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.743 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:216 Resp: 131647
Ion Ratio Lower Upper
216 100
214 78.1 62.2 93.2
179 22.8 17.8 26.6
108 24.6 17.6 26.4





#41

Hexachlorocyclopentadiene

Concen: 58.298 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

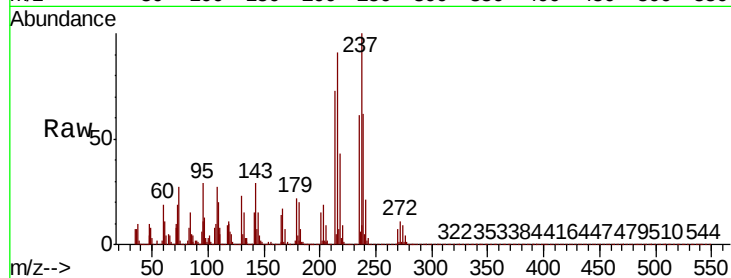
Tot Ion:237 Resp: 86901

Ion Ratio Lower Upper

237 100

235 61.3 41.9 81.9

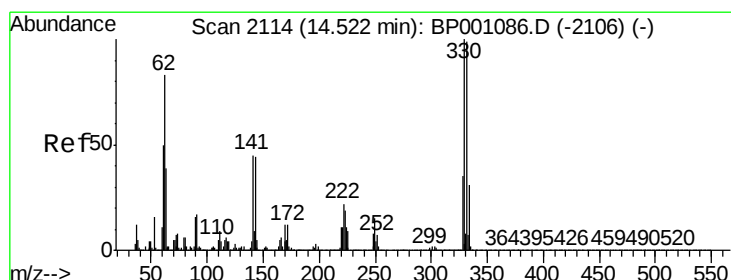
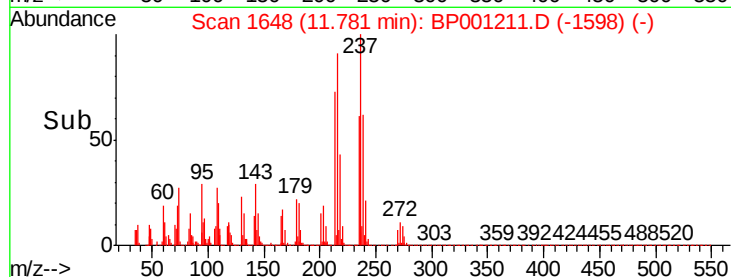
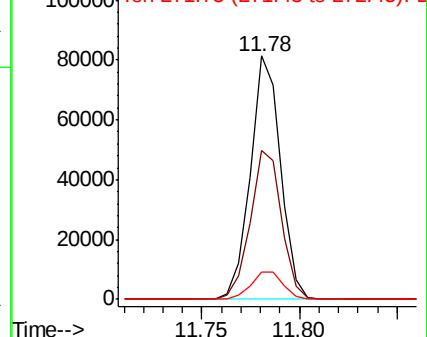
272 11.4 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.265 ng

RT: 14.50 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

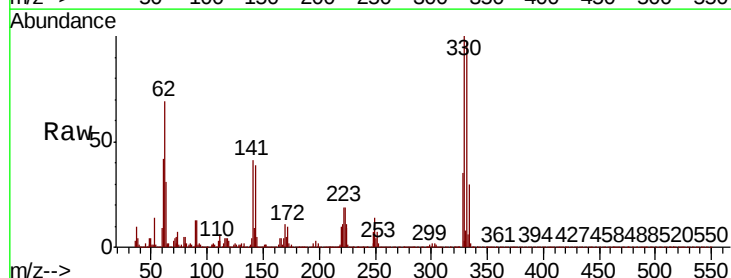
Tgt Ion:330 Resp: 129983

Ion Ratio Lower Upper

330 100

332 95.8 79.1 118.7

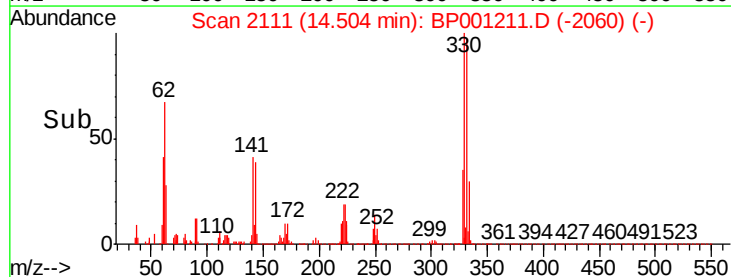
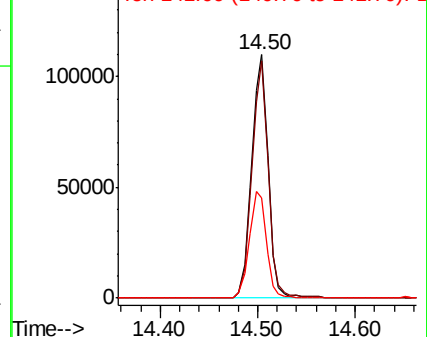
141 44.9 35.9 53.9

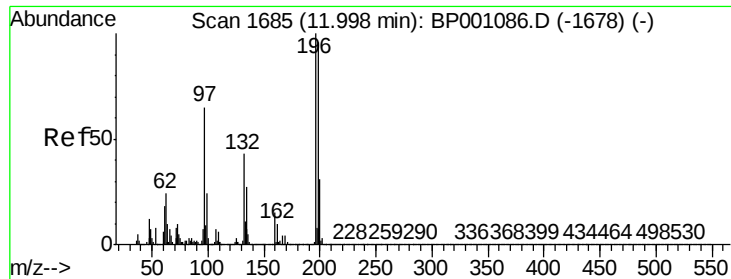


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

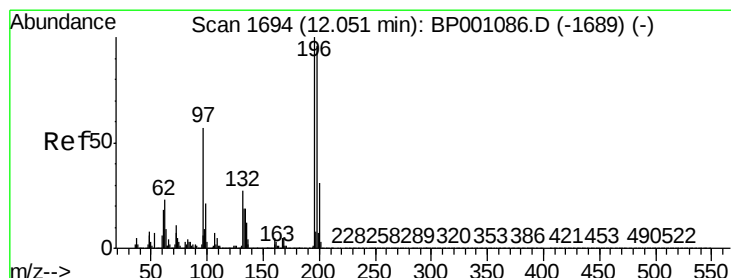
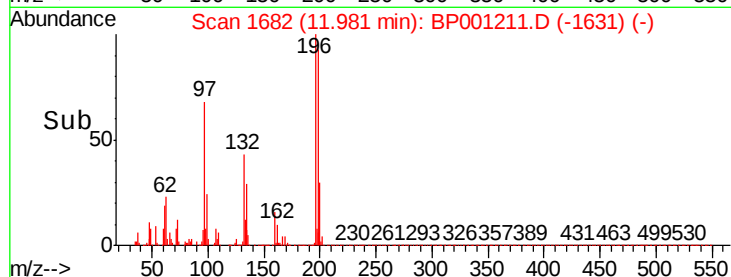
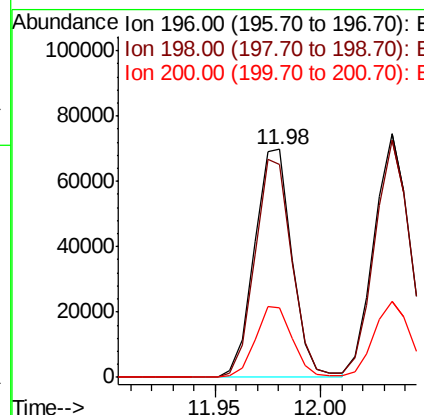
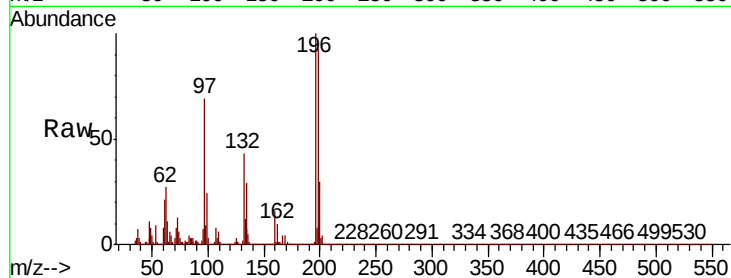




#43
 2,4,6-Trichlorophenol
 Concen: 40.992 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

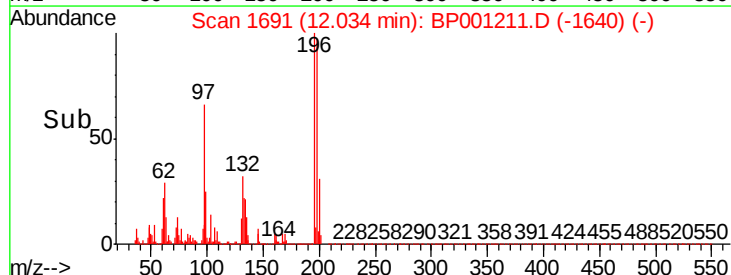
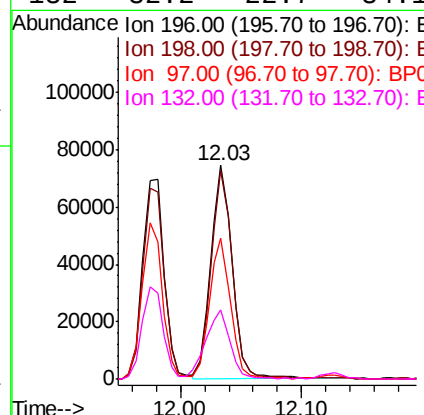
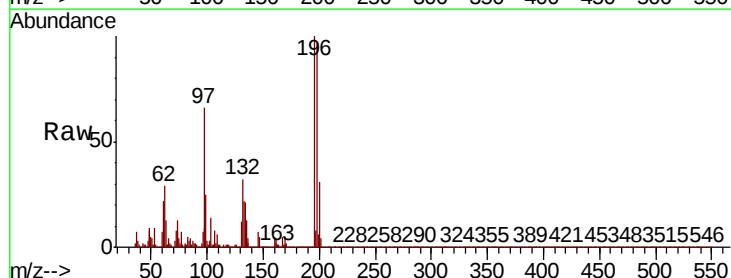
Instrument :
 BNA_P
 ClientSampleID :
 PB125231BS

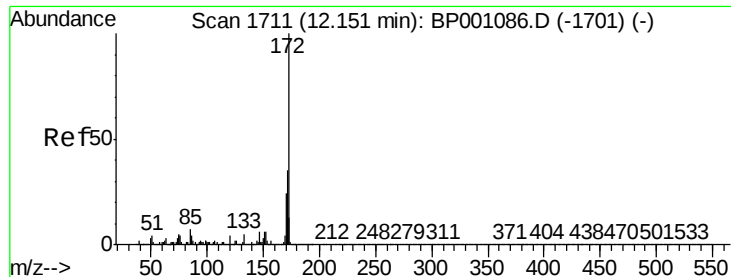
Tot Ion:196 Resp: 86482
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.4 116.0
 200 30.4 25.6 38.4



#44
 2,4,5-Trichlorophenol
 Concen: 41.582 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion:196 Resp: 90895
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 97 66.1 51.3 76.9
 132 32.2 22.7 34.1

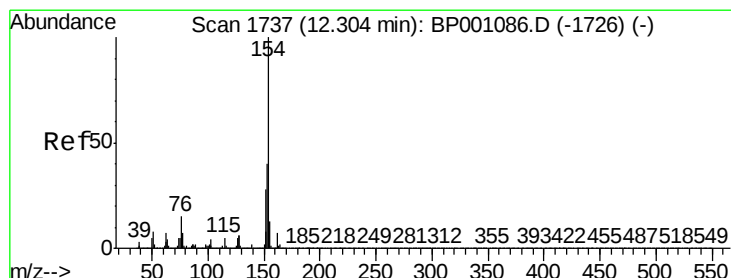
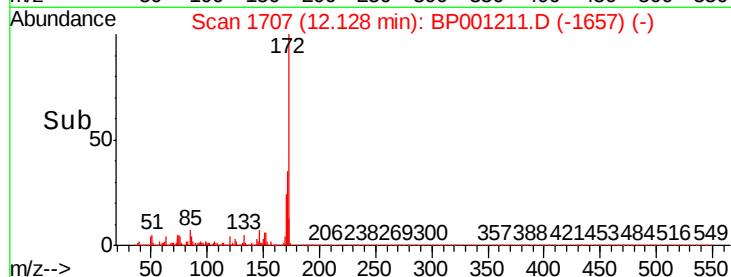
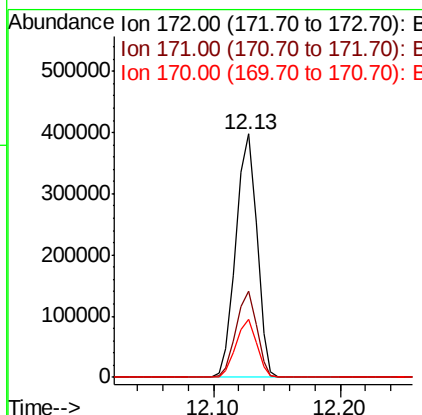
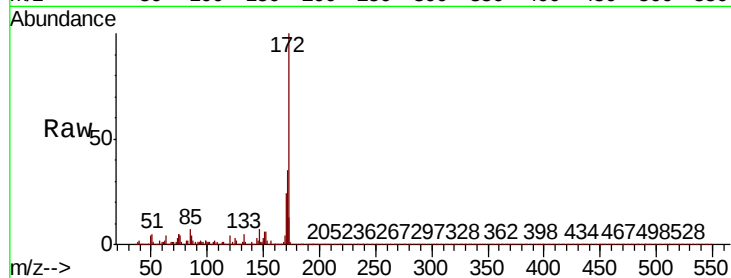




#45
2-Fluorobiphenyl
Concen: 65.007 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

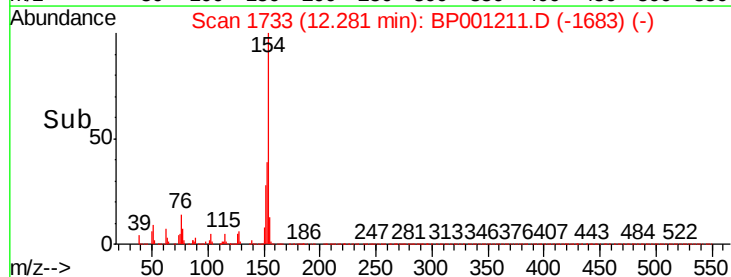
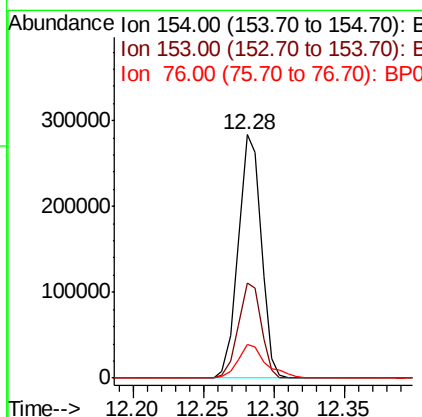
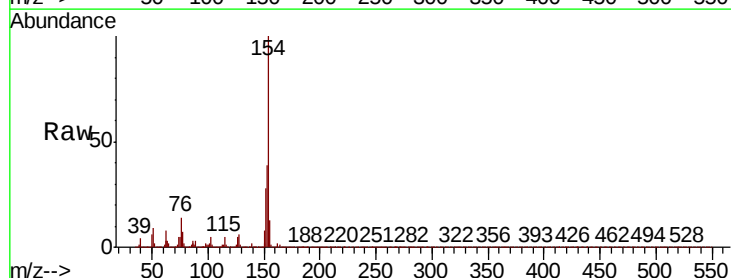
Instrument :
BNA_P
ClientSampleId :
PB125231BS

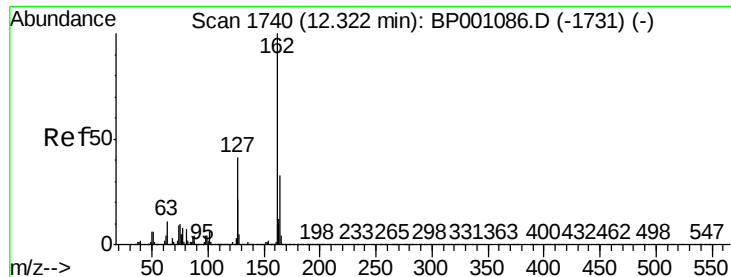
Tot Ion:172 Resp: 455403
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 40.500 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:154 Resp: 320917
Ion Ratio Lower Upper
154 100
153 39.3 19.3 59.3
76 13.7 0.0 34.2

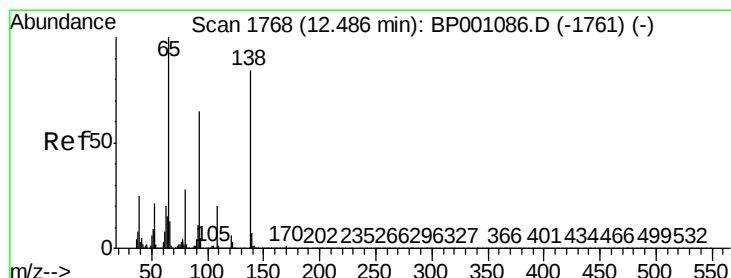
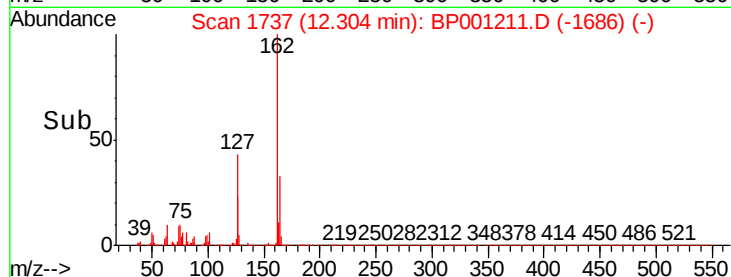
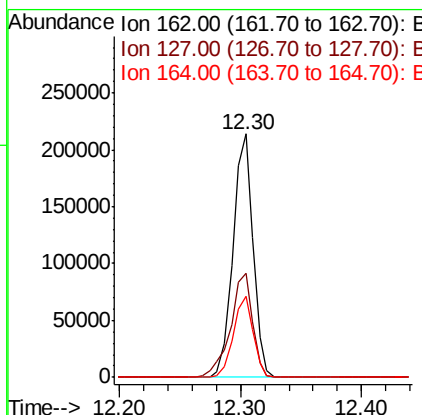
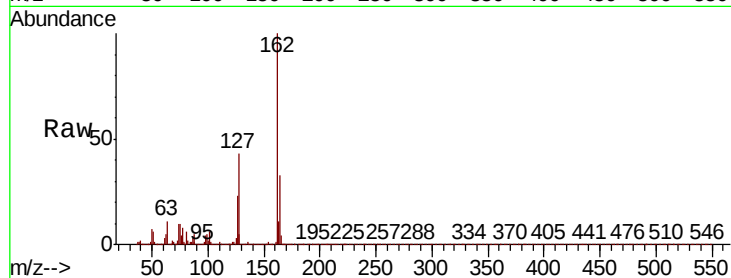




#47
2-Chloronaphthalene
Concen: 39.116 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

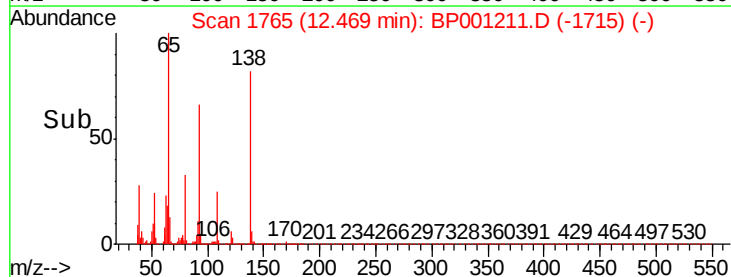
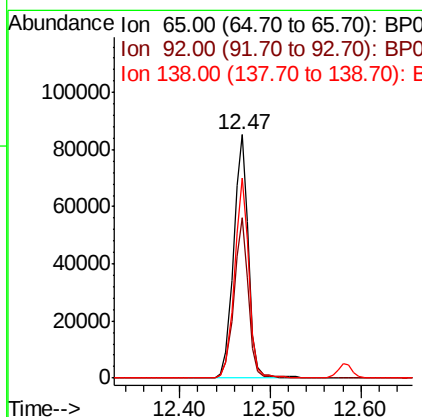
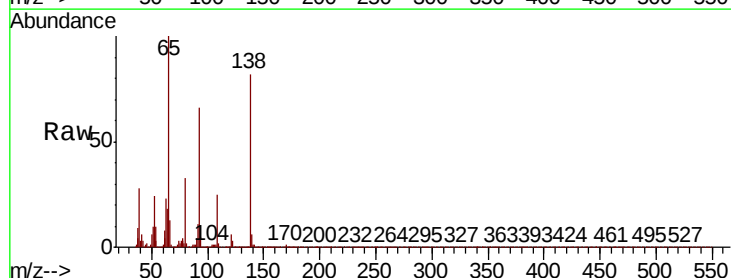
Instrument :
BNA_P
ClientSampleId :
PB125231BS

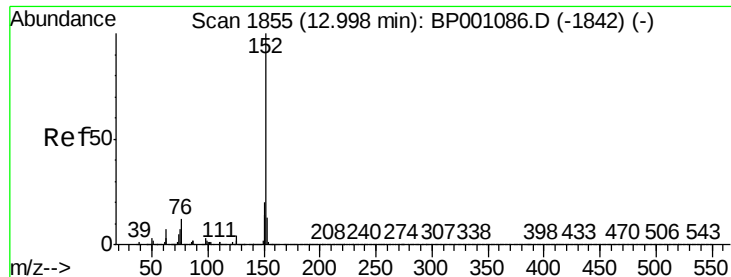
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.4	51.6
164	33.1	26.2	39.4



#48
2-Nitroaniline
Concen: 39.528 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	49.4	74.2
138	82.2	64.8	97.2





#49

Acenaphthylene

Concen: 41.236 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

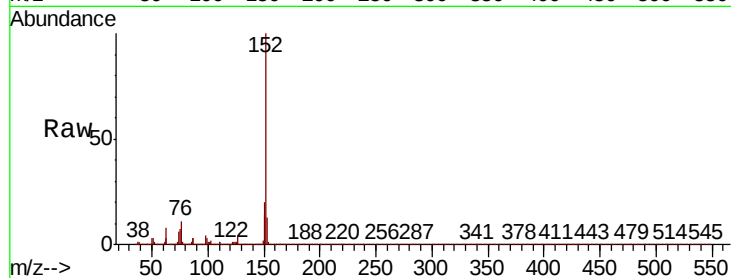
Tot Ion:152 Resp: 391230

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

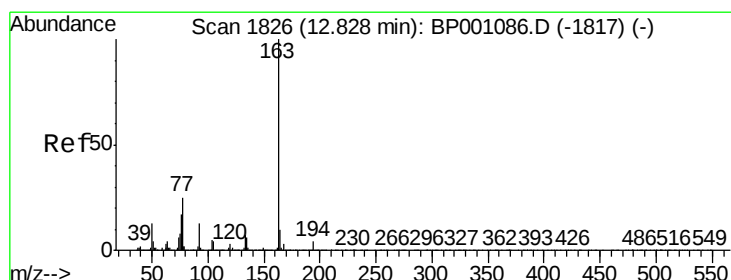
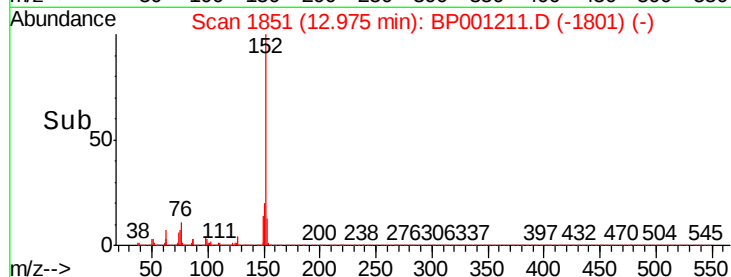
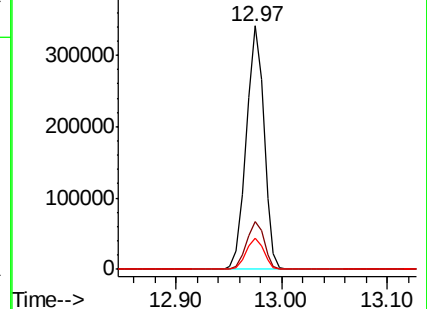
153 13.0 10.3 15.5



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: 39.906 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

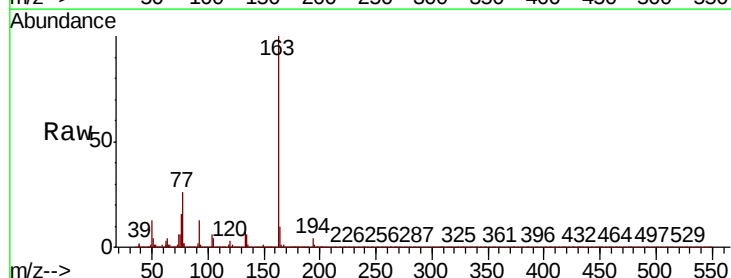
Tgt Ion:163 Resp: 306008

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

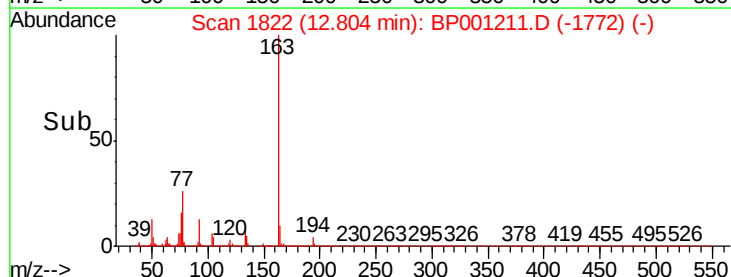
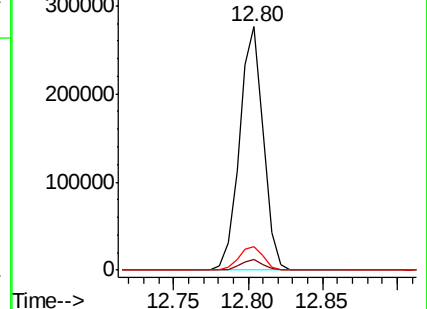
164 9.8 8.2 12.4

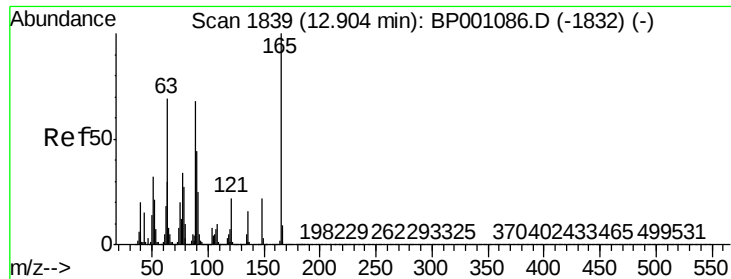


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

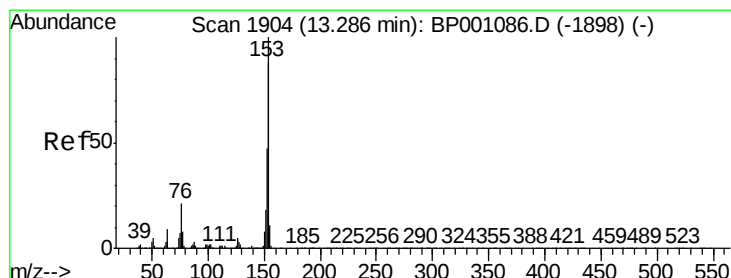
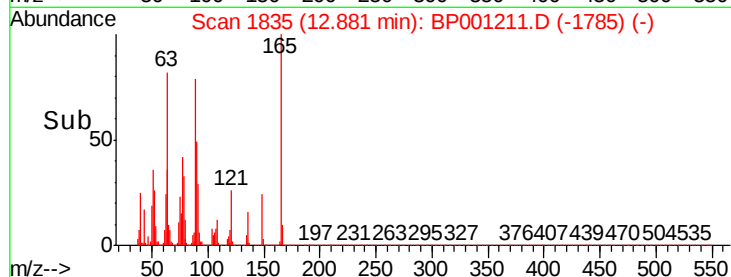
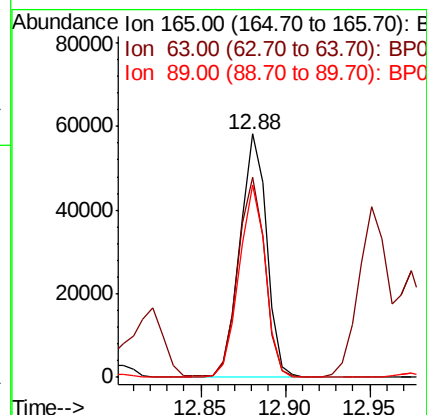
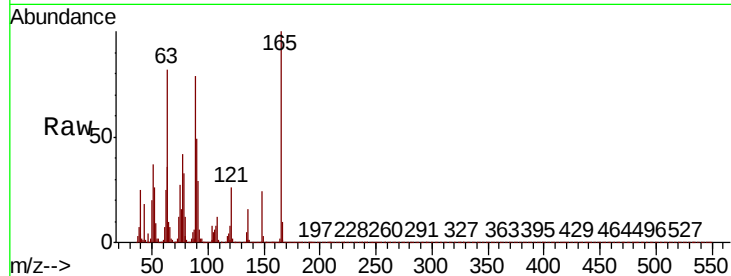




#51
2,6-Dinitrotoluene
Concen: 39.140 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

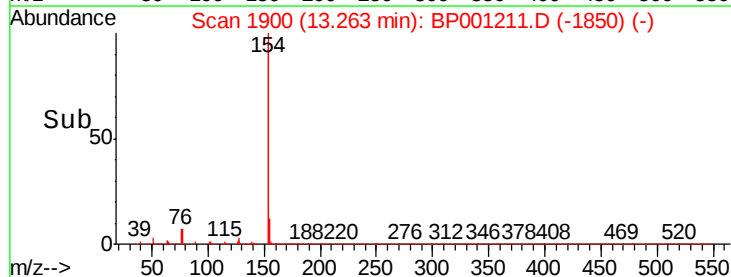
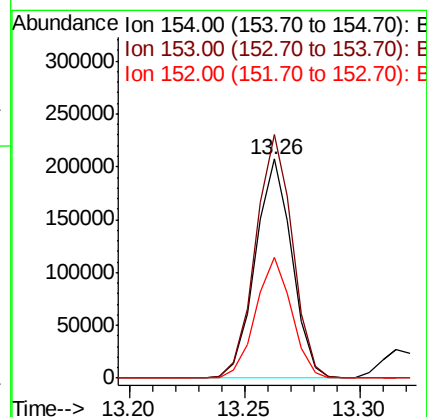
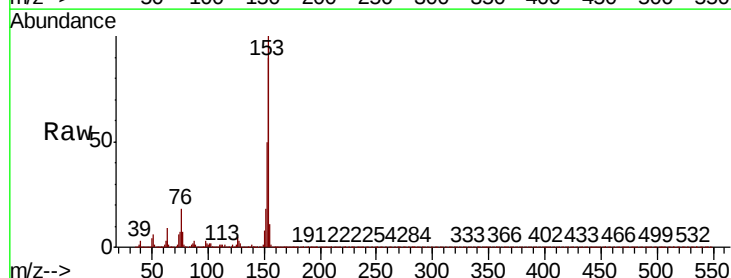
Instrument :
BNA_P
ClientSampleId :
PB125231BS

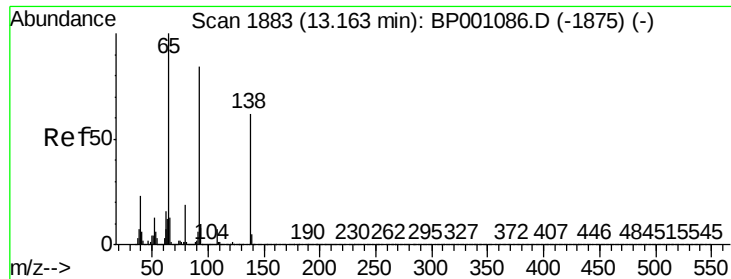
Tot Ion:165 Resp: 64249
Ion Ratio Lower Upper
165 100
63 82.1 64.1 96.1
89 79.0 61.8 92.6



#52
Acenaphthene
Concen: 40.108 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:154 Resp: 228897
Ion Ratio Lower Upper
154 100
153 111.3 90.3 135.5
152 55.1 42.9 64.3

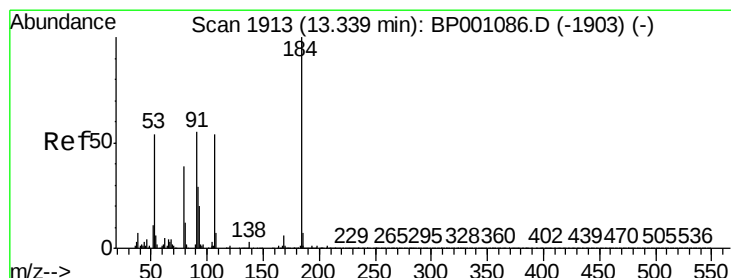
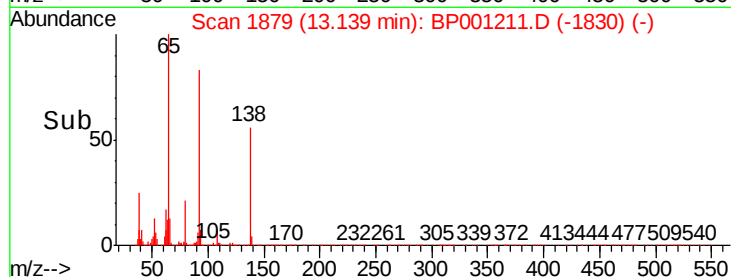
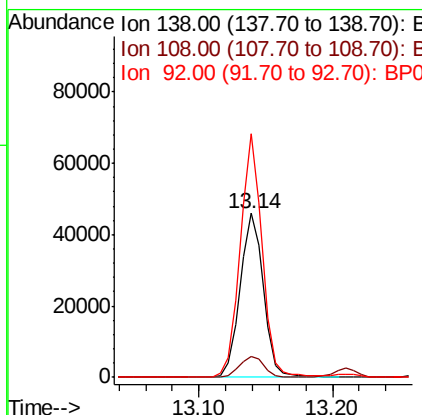
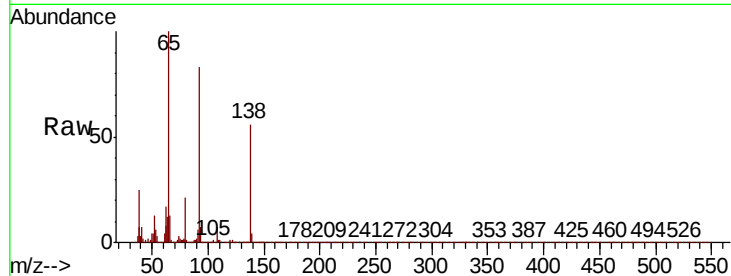




#53
3-Nitroaniline
Concen: 30.152 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

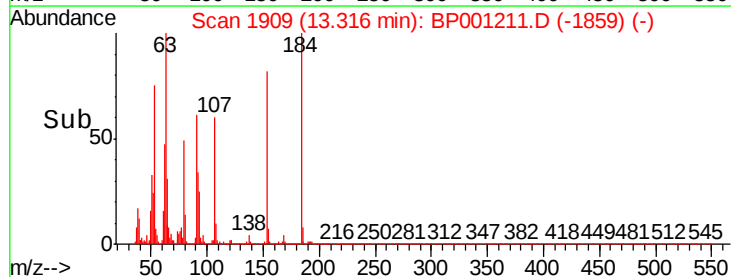
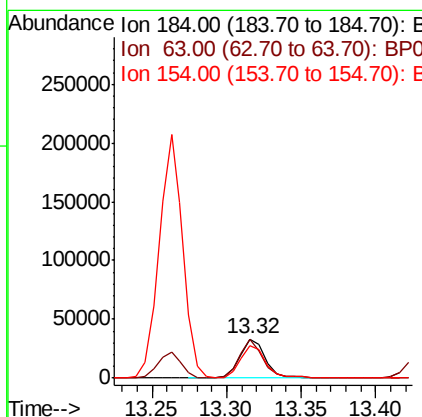
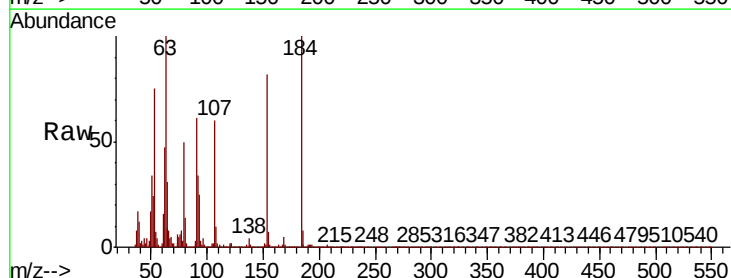
Instrument :
BNA_P
ClientSampleId :
PB125231BS

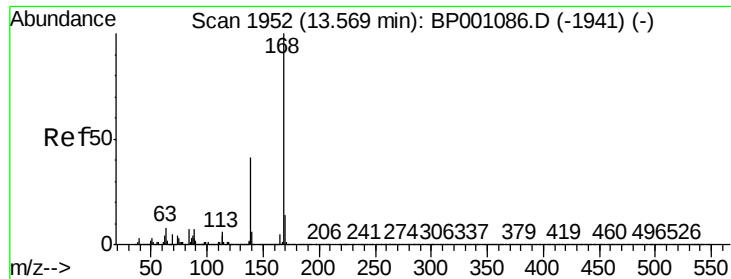
Tot Ion:138 Resp: 55600
Ion Ratio Lower Upper
138 100
108 12.8 10.1 15.1
92 148.8 113.1 169.7



#54
2,4-Dinitrophenol
Concen: 61.564 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:184 Resp: 40073
Ion Ratio Lower Upper
184 100
63 99.9 69.4 104.0
154 82.3 57.4 86.2

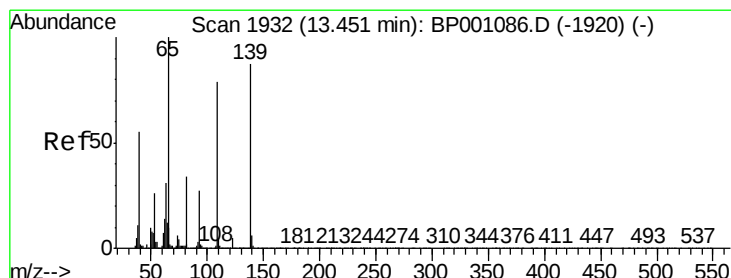
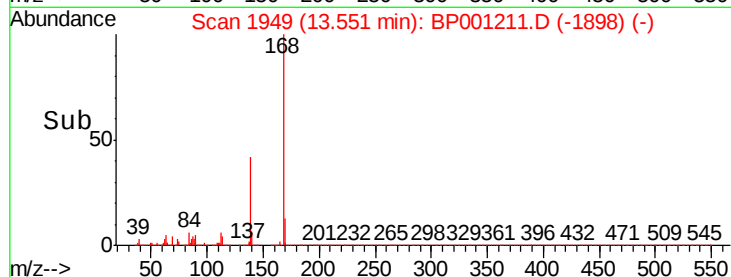
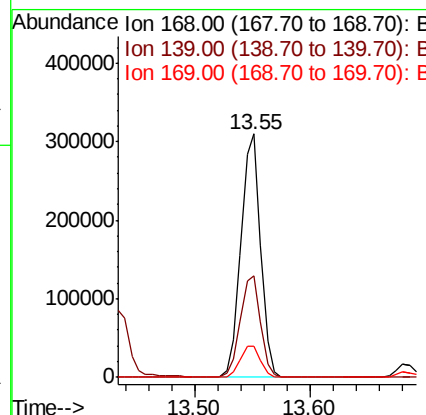
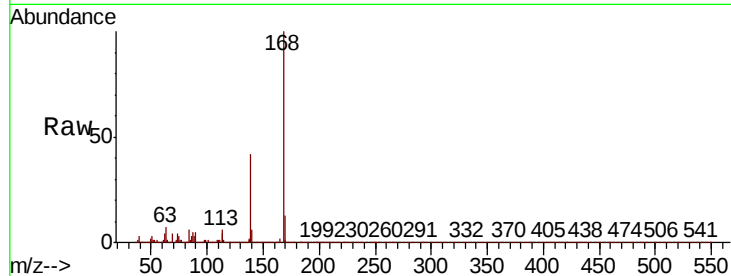




#55
Dibenzofuran
Concen: 42.365 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

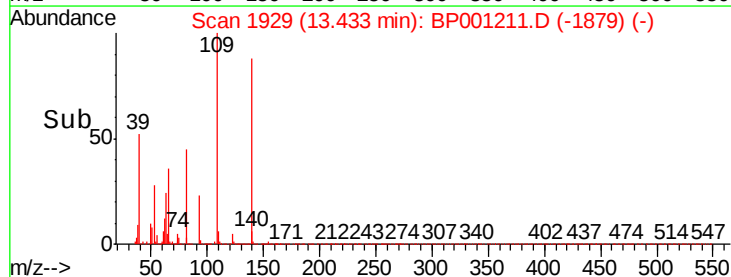
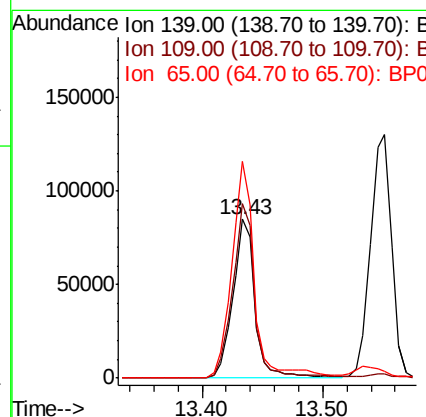
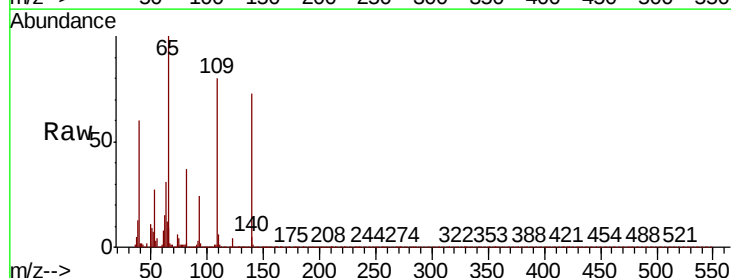
Instrument :
BNA_P
ClientSampleId :
PB125231BS

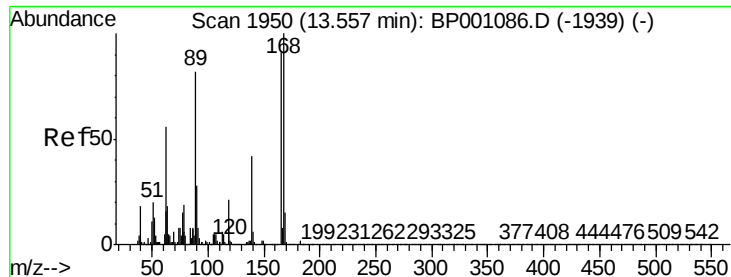
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	34.5	51.7
169	12.9	10.8	16.2



#56
4-Nitrophenol
Concen: 82.737 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.7	87.8	127.8
65	136.4	111.9	151.9

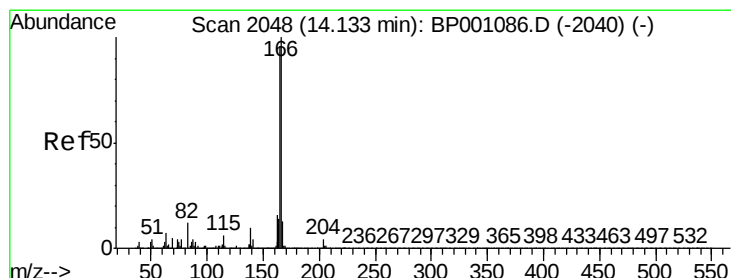
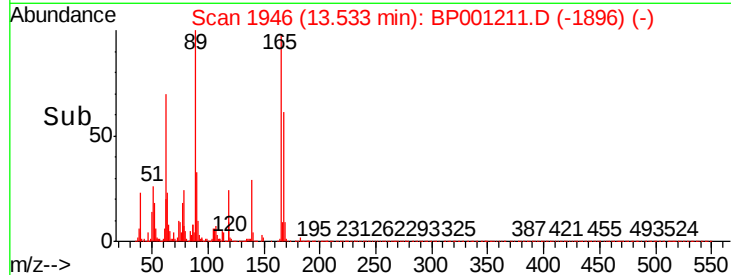
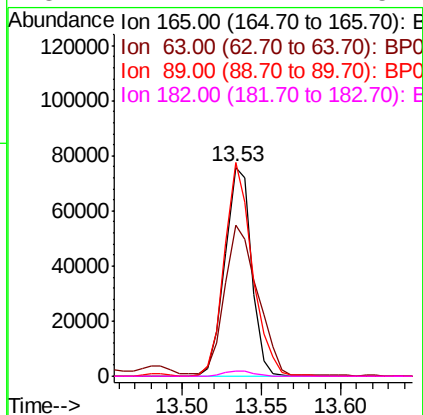
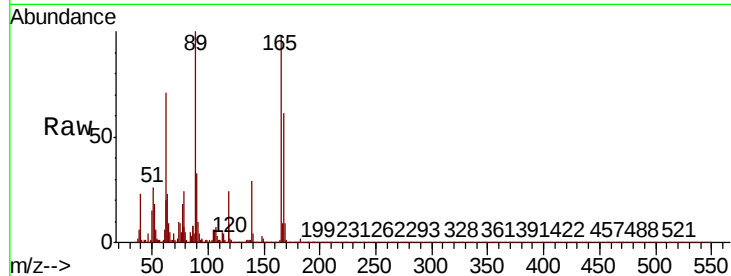




#57
2,4-Dinitrotoluene
Concen: 42.704 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

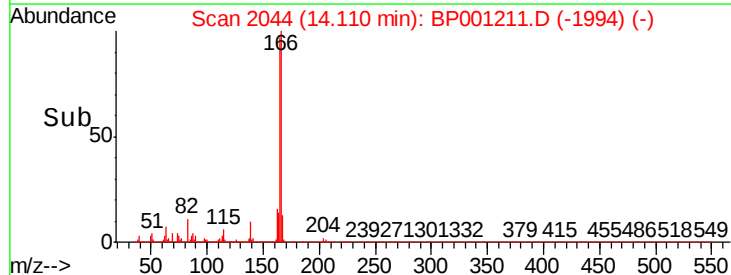
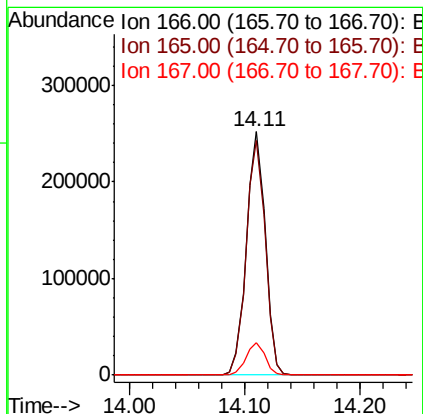
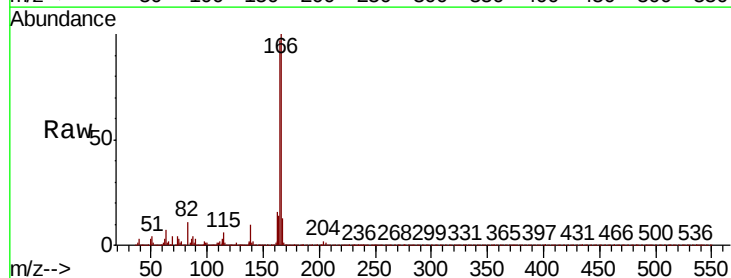
Instrument :
BNA_P
ClientSampleId :
PB125231BS

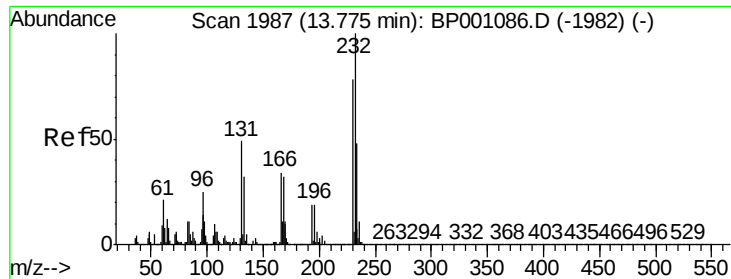
Tot Ion:165 Resp: 87866
Ion Ratio Lower Upper
165 100
63 72.2 58.3 87.5
89 102.2 79.8 119.8
182 2.2 2.2 3.2



#58
Fluorene
Concen: 41.535 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:166 Resp: 285422
Ion Ratio Lower Upper
166 100
165 96.6 77.8 116.8
167 13.4 10.5 15.7

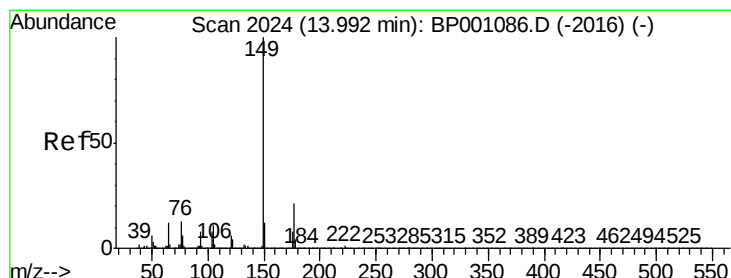
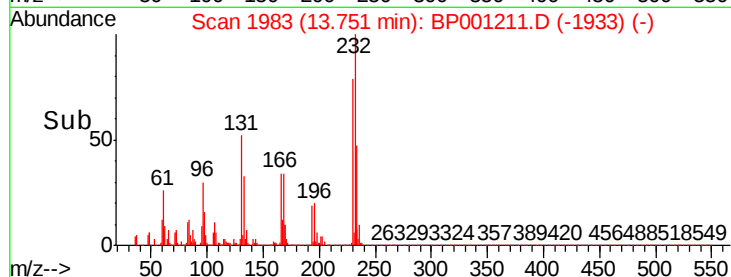
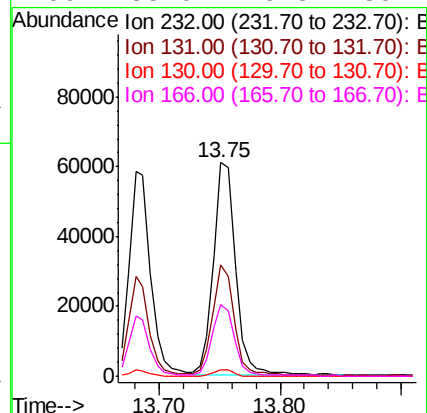
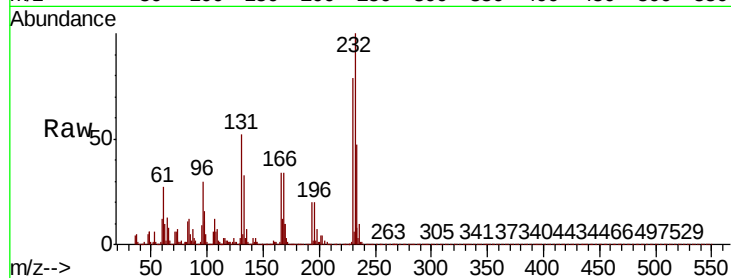




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.109 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

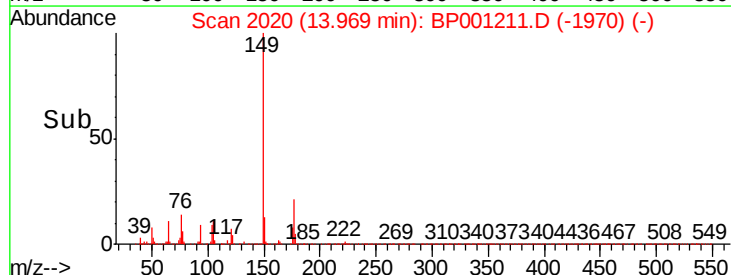
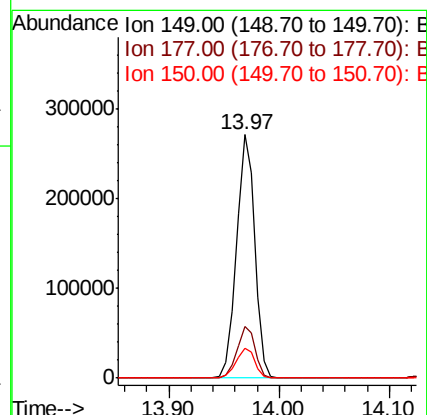
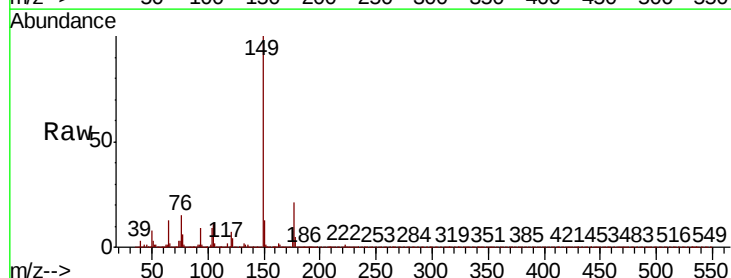
Instrument :
BNA_P
ClientSampleId :
PB125231BS

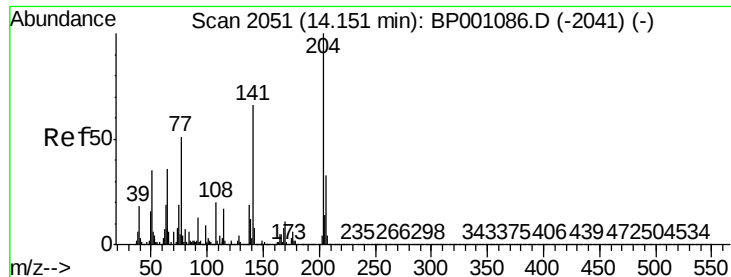
Tot Ion:232 Resp: 77461
Ion Ratio Lower Upper
232 100
131 51.9 41.4 62.0
130 3.0 2.2 3.4
166 33.0 26.5 39.7



#60
Diethylphthalate
Concen: 39.581 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:149 Resp: 314274
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.4
150 12.5 10.2 15.2

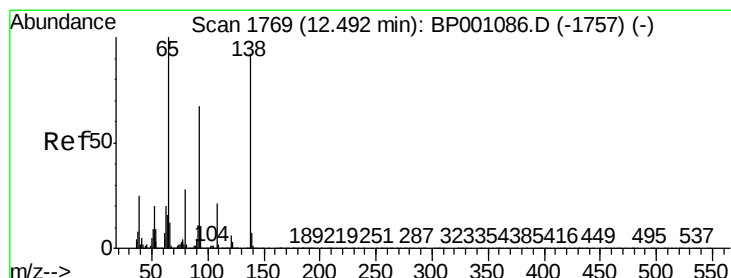
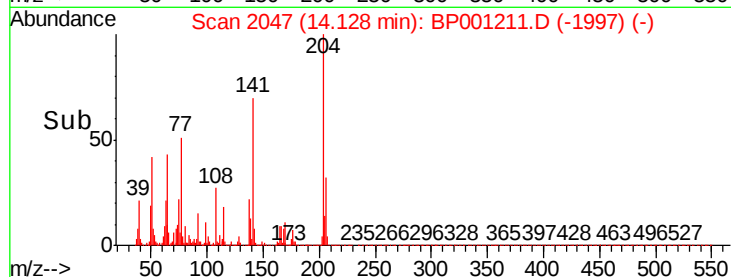
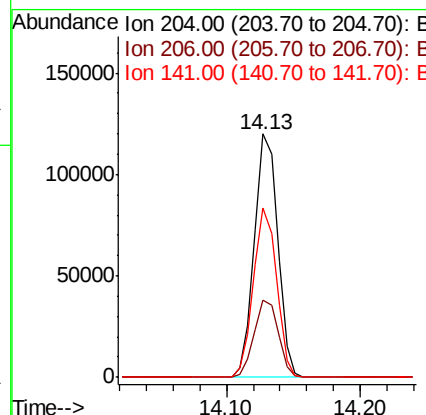
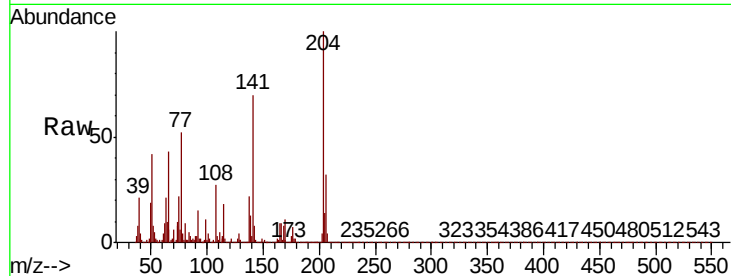




#61
4-Chlorophenyl-phenylether
Concen: 41.206 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

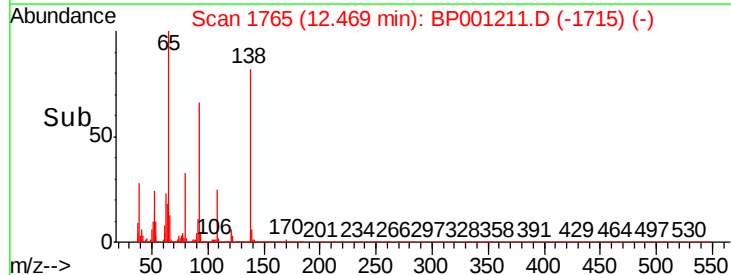
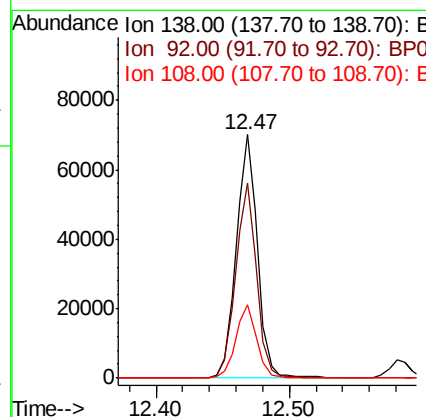
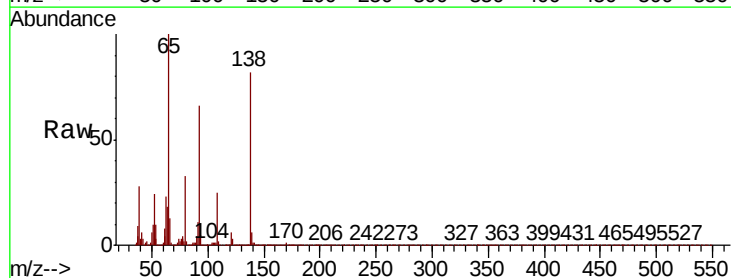
Instrument :
BNA_P
ClientSampleId :
PB125231BS

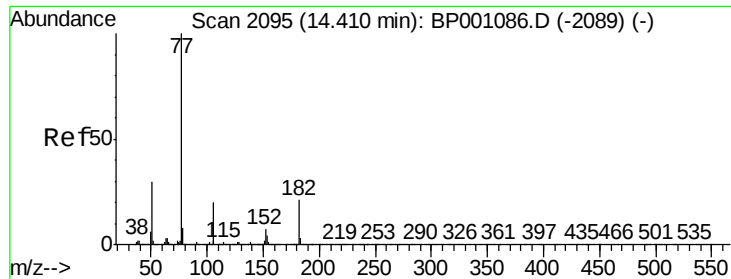
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	69.8	54.9	82.3



#62
4-Nitroaniline
Concen: 36.556 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	79.9	56.3	96.3
108	30.3	8.3	48.3

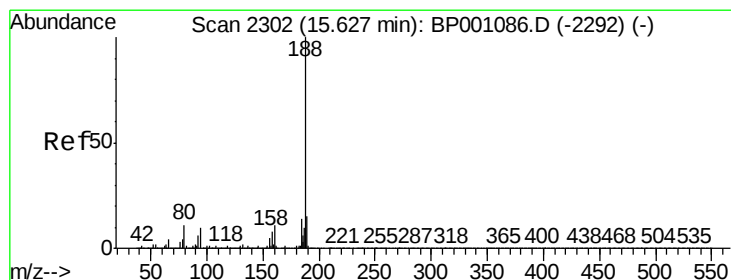
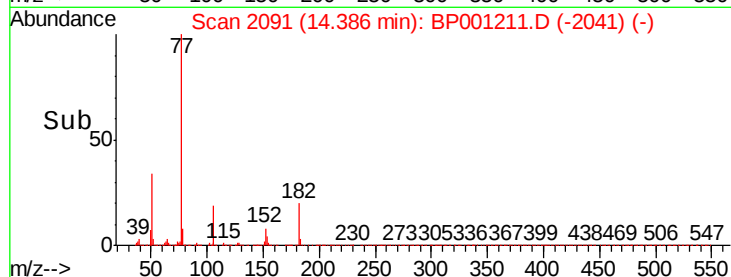
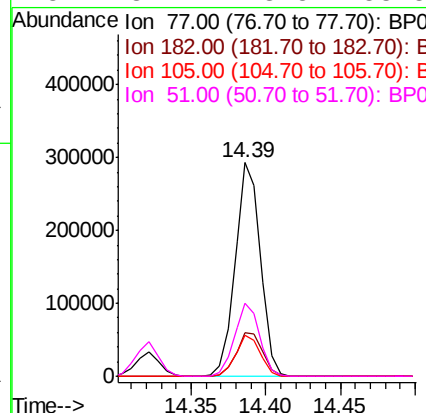
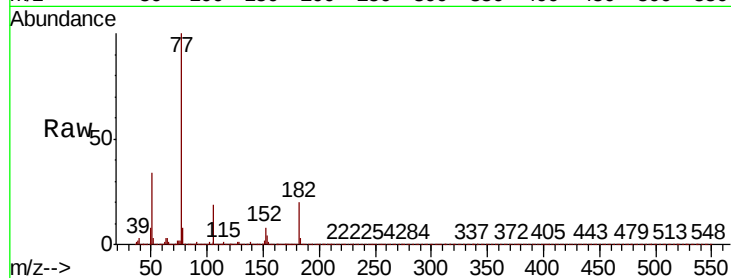




#63
Azobenzene
Concen: 40.362 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

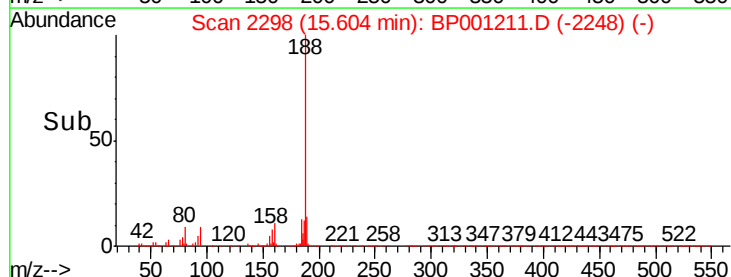
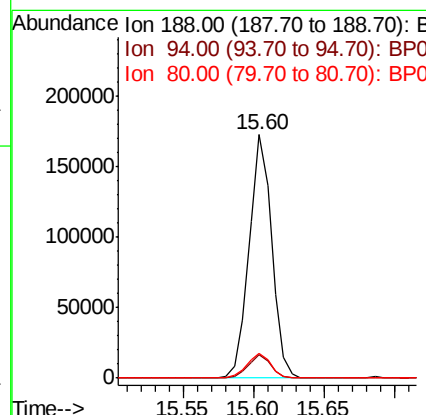
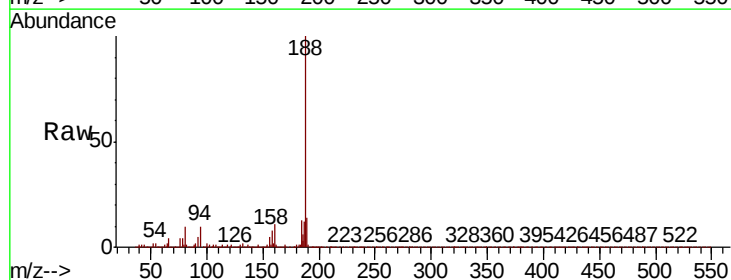
Instrument :
BNA_P
ClientSampleId :
PB125231BS

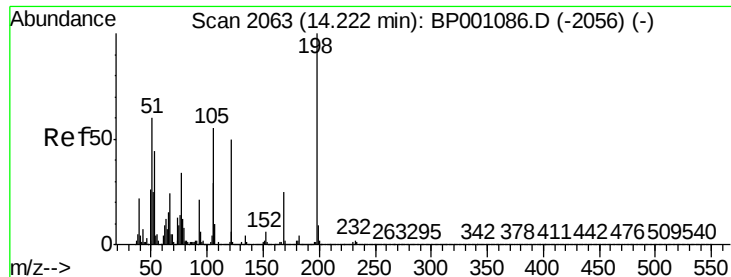
Tot Ion:	77	Resp:	346410
Ion	Ratio	Lower	Upper
77	100		
182	20.2	1.1	41.1
105	19.0	0.0	39.5
51	34.2	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:	188	Resp:	193956
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	9.9	7.8	11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 38.881 ng

RT: 14.20 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

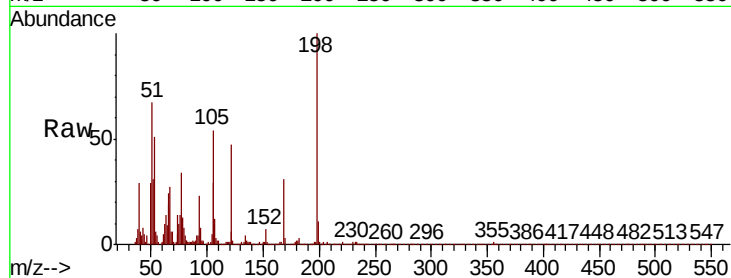
Tot Ion:198 Resp: 31202

Ion	Ratio	Lower	Upper
198	100		
51	66.5	36.2	76.2
105	53.7	30.2	70.2

198 100

51 66.5 36.2 76.2

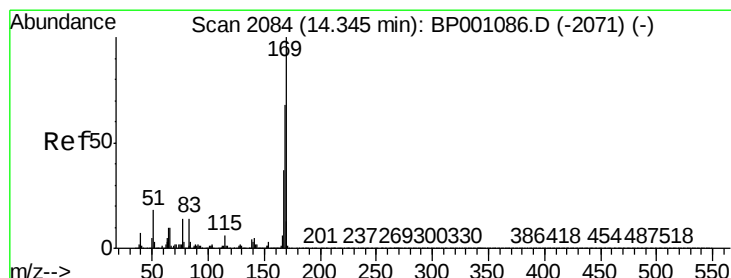
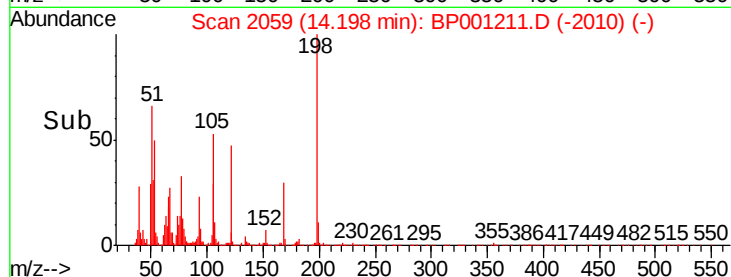
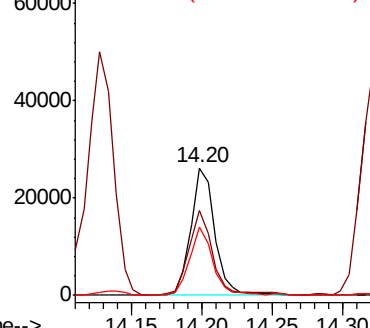
105 53.7 30.2 70.2



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: 42.200 ng

RT: 14.32 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

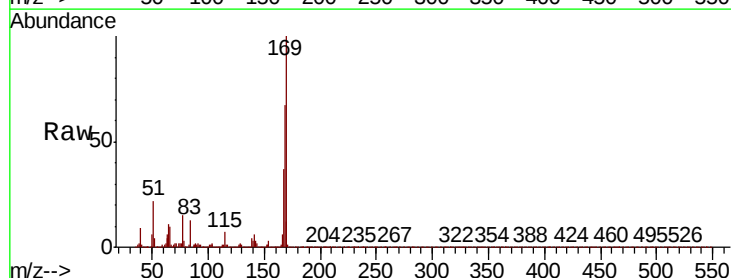
Tgt Ion:169 Resp: 248696

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.7	80.5
167	37.3	29.1	43.7

169 100

168 67.2 53.7 80.5

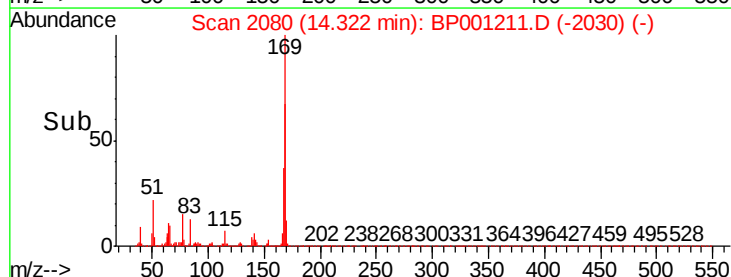
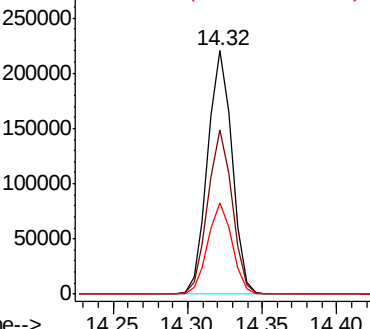
167 37.3 29.1 43.7

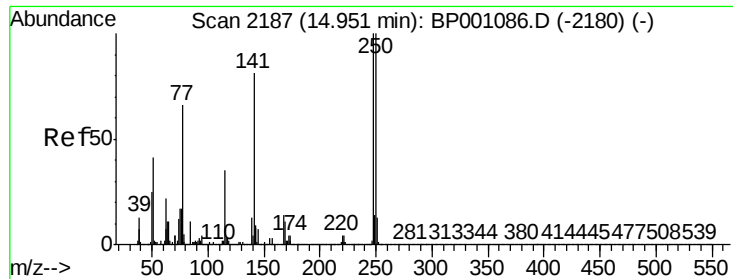


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

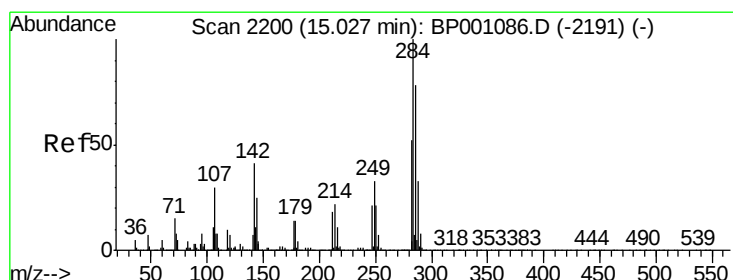
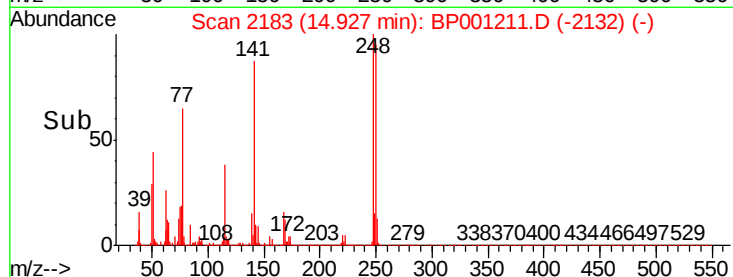
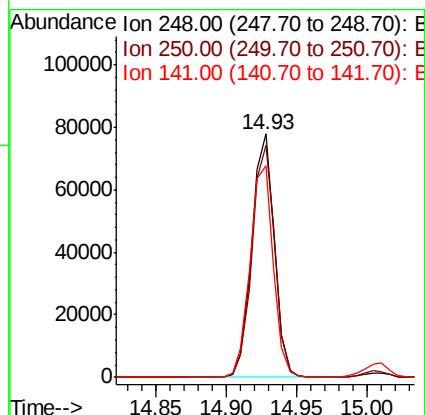
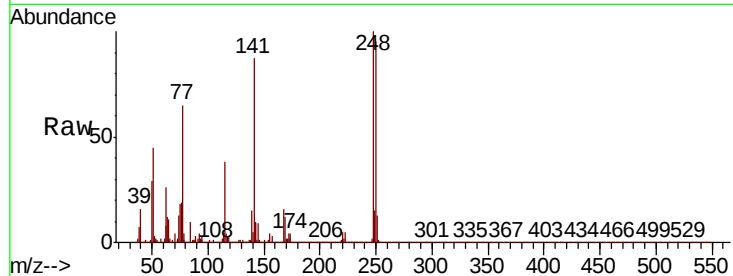




#67
4-Bromophenyl-phenylether
Concen: 41.404 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

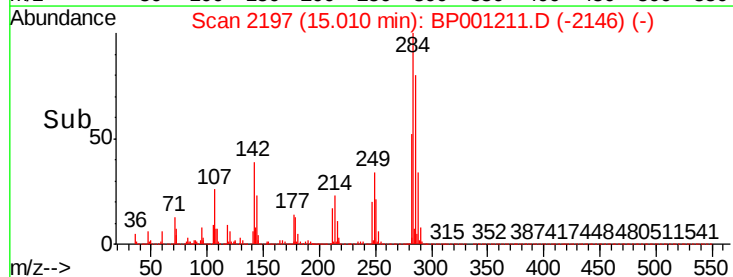
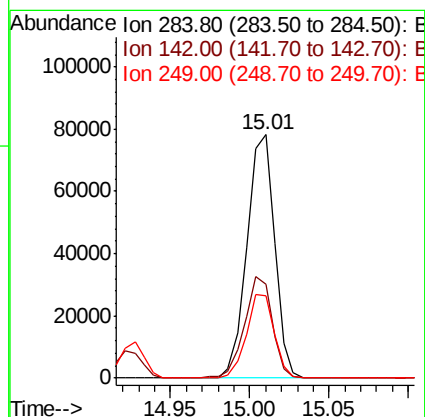
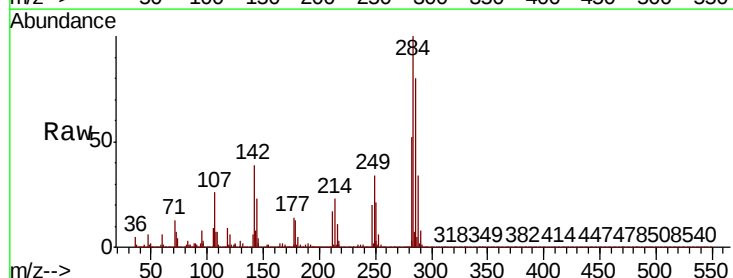
Instrument :
BNA_P
ClientSampleId :
PB125231BS

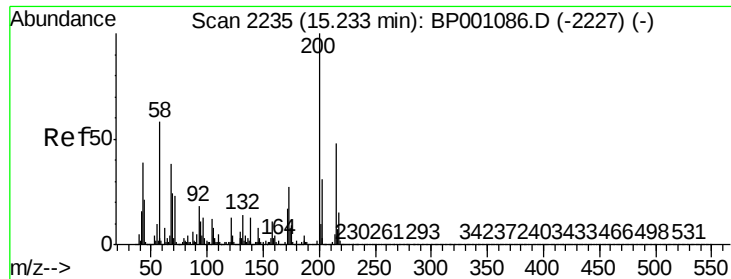
Tot Ion:248 Resp: 87184
Ion Ratio Lower Upper
248 100
250 95.1 77.6 116.4
141 87.1 74.6 111.8



#68
Hexachlorobenzene
Concen: 40.996 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:284 Resp: 94904
Ion Ratio Lower Upper
284 100
142 38.6 35.0 52.6
249 34.0 27.6 41.4

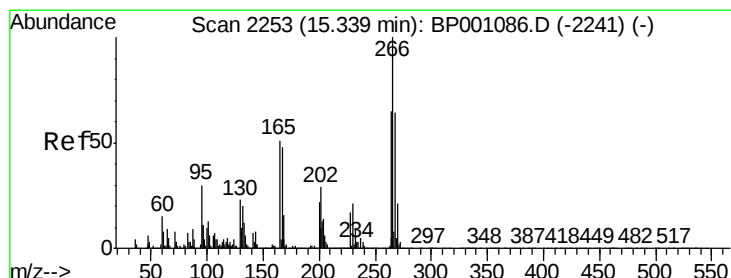
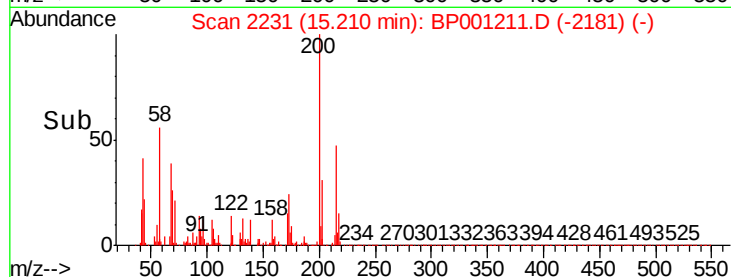
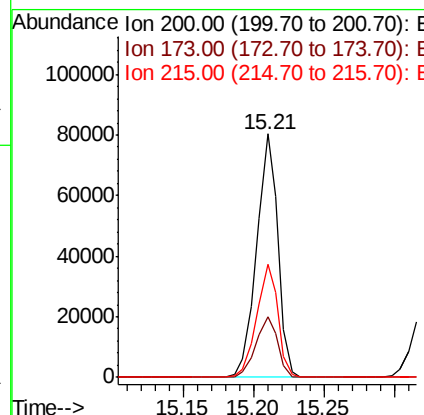
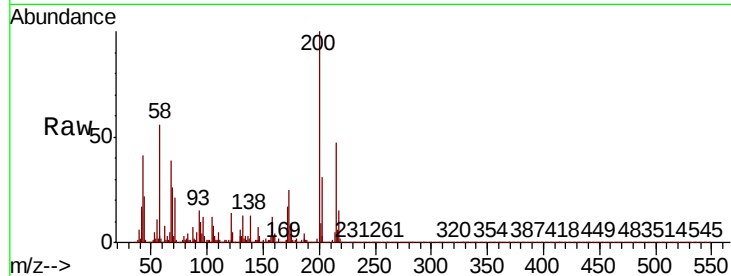




#69
 Atrazine
 Concen: 47.345 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

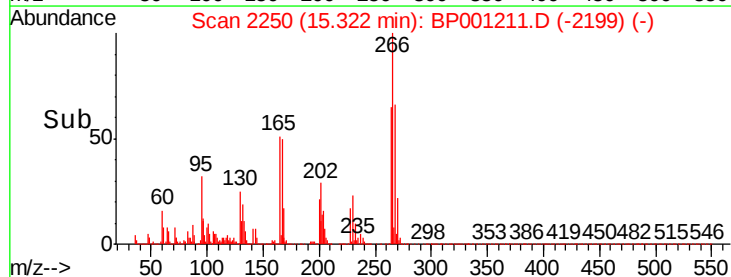
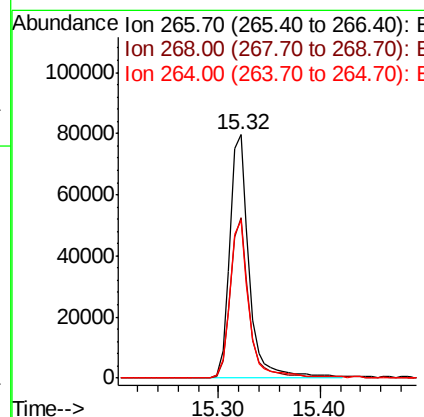
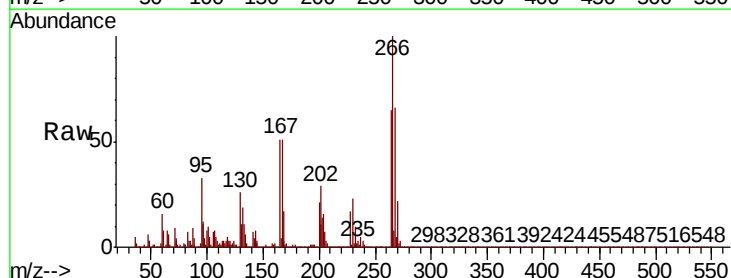
Instrument :
 BNA_P
 ClientSampled :
 PB125231BS

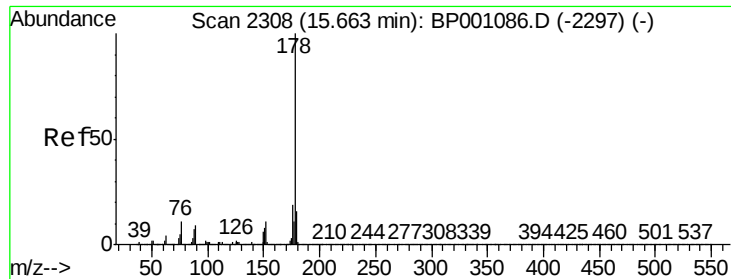
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	6.4	46.4
215	46.5	27.7	67.7



#70
 Pentachlorophenol
 Concen: 87.384 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.6	76.0
264	65.0	49.9	74.9

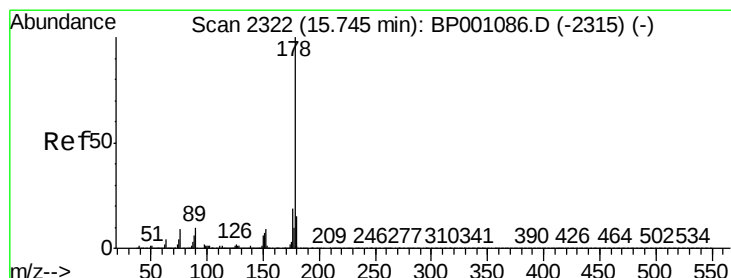
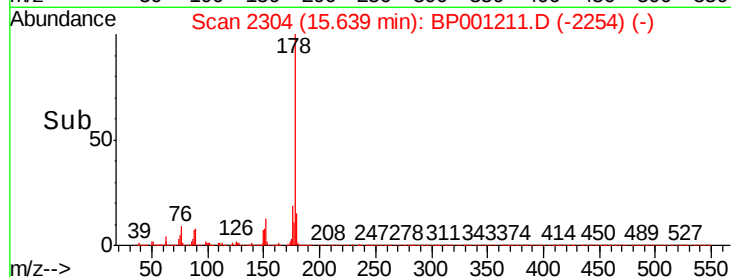
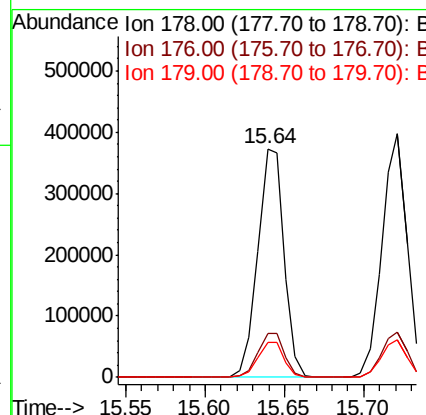
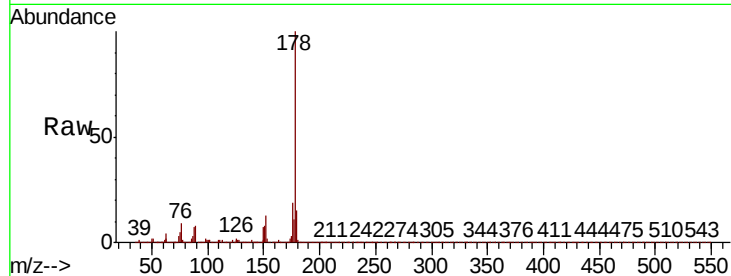




#71
Phenanthrene
Concen: 42.253 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

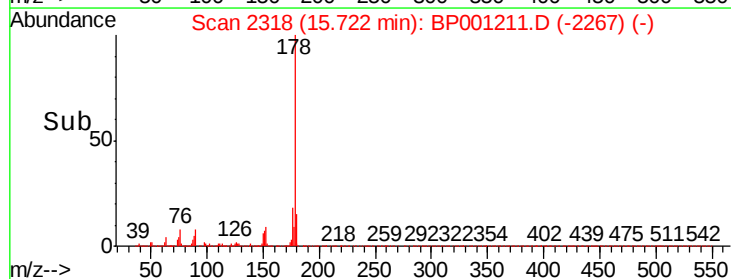
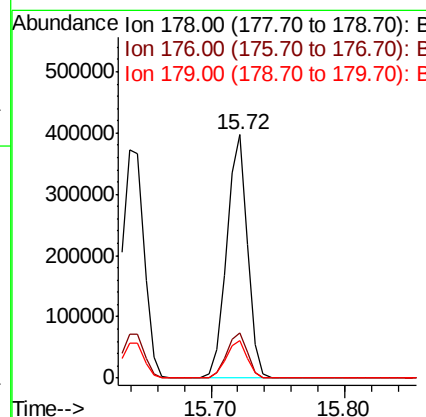
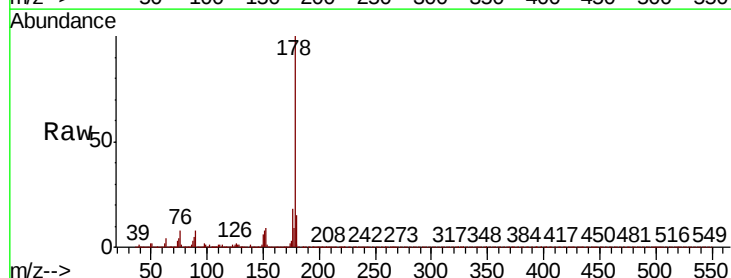
Instrument :
BNA_P
ClientSampleID :
PB125231BS

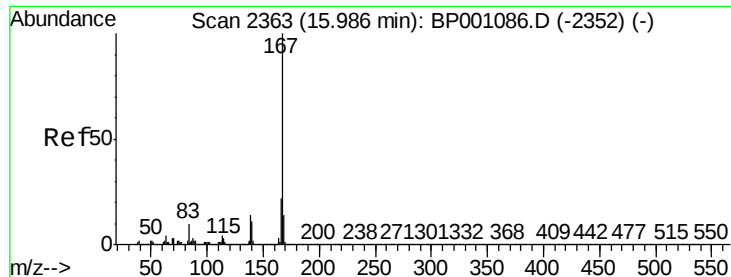
Tot Ion:178 Resp: 430850
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.4 12.4 18.6



#72
Anthracene
Concen: 43.569 ng
RT: 15.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:178 Resp: 437891
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.2 12.7 19.1

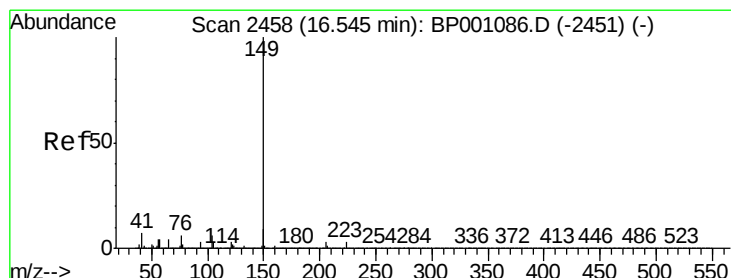
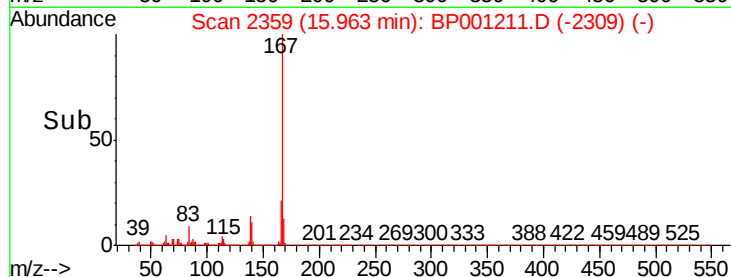
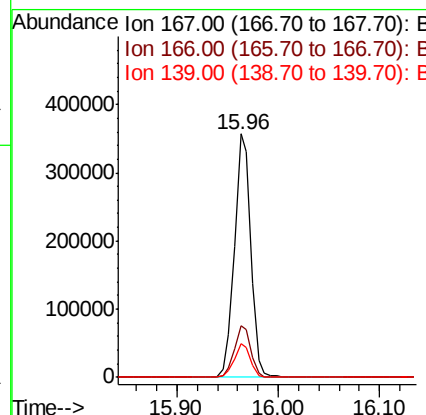
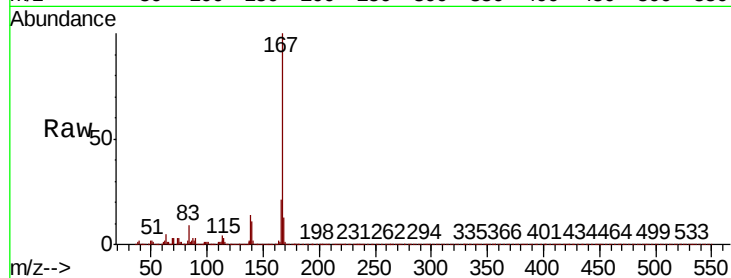




#73
 Carbazole
 Concen: 43.716 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

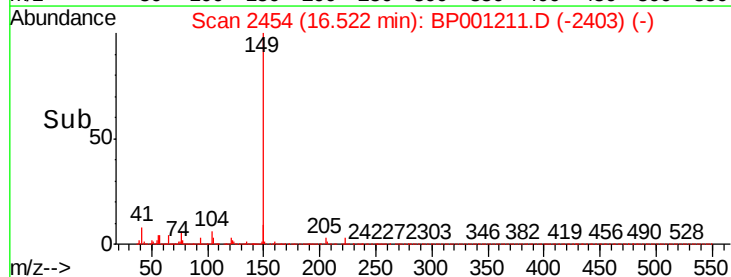
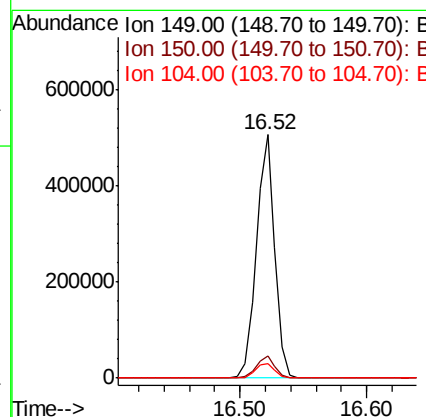
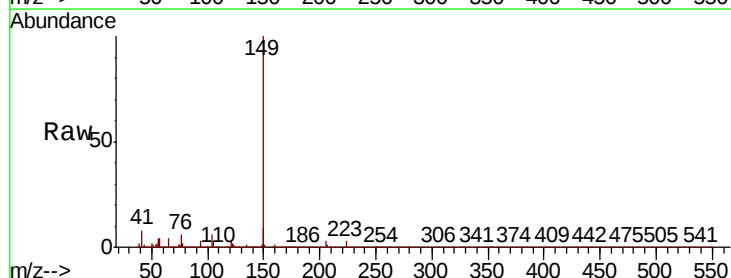
Instrument :
 BNA_P
 ClientSampleId :
 PB125231BS

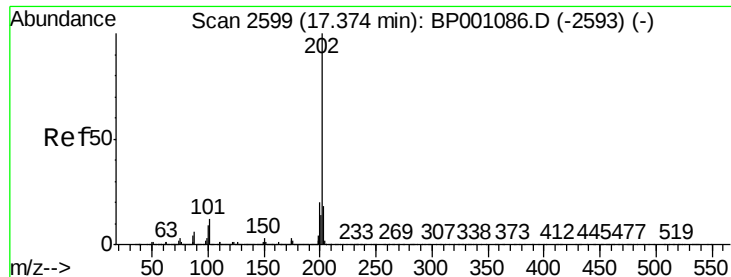
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	14.1	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 41.209 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: BP001211.D
 Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 44.753 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

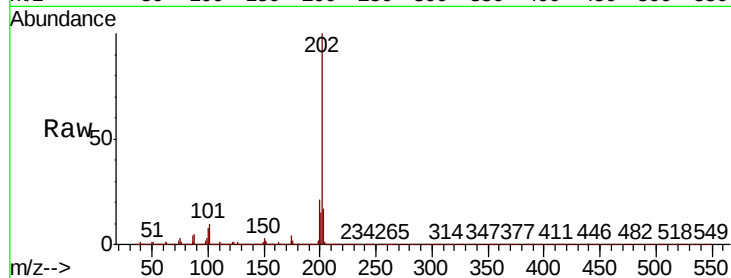
Tot Ion:202 Resp: 483104

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.0

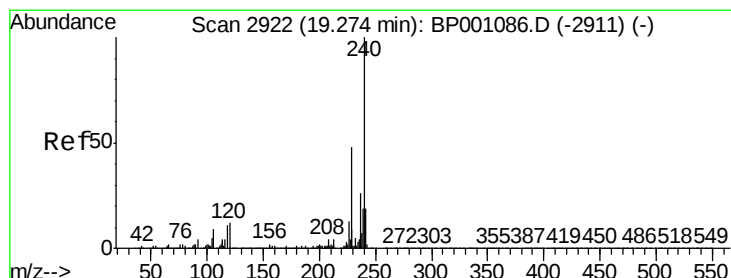
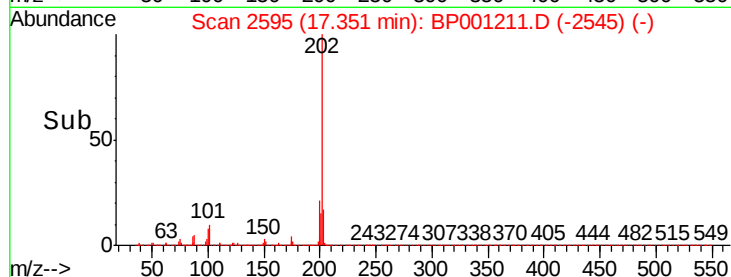
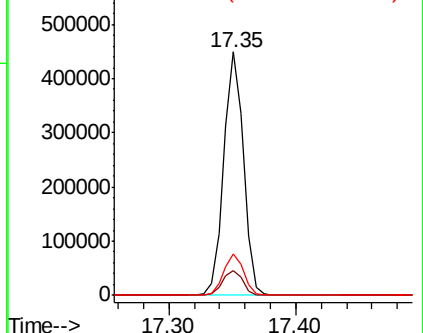
203 16.9 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

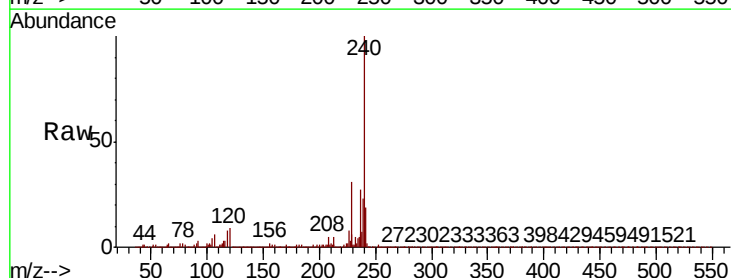
Tgt Ion:240 Resp: 166596

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

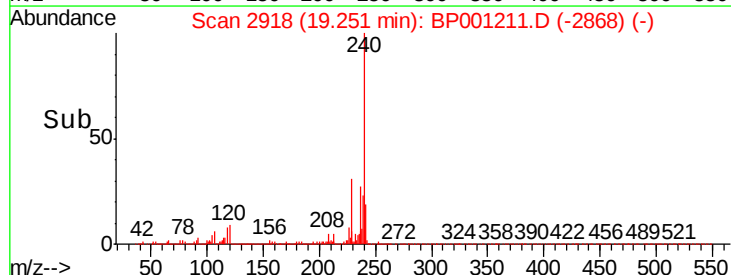
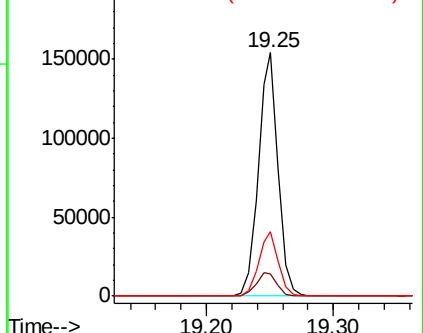
236 26.5 21.7 32.5

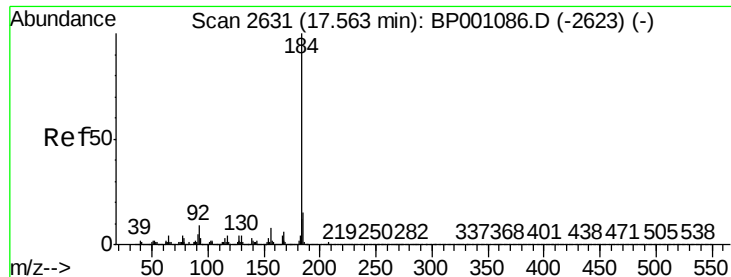


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.493 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

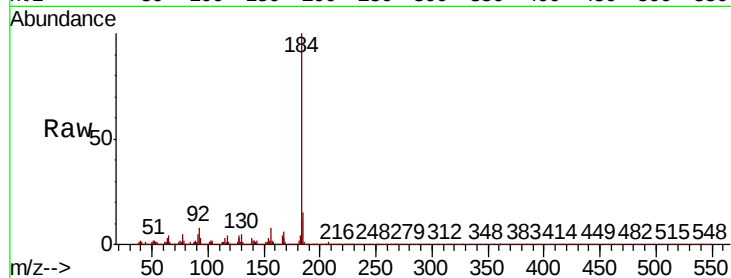
Tot Ion:184 Resp: 83845

Ion Ratio Lower Upper

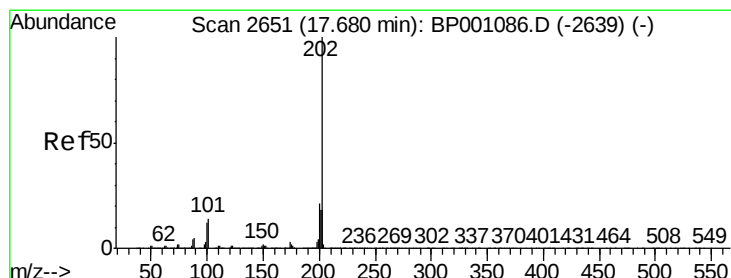
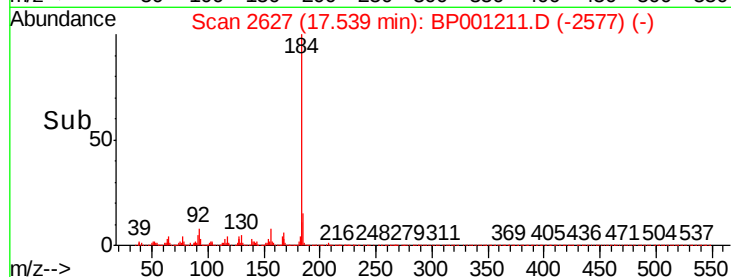
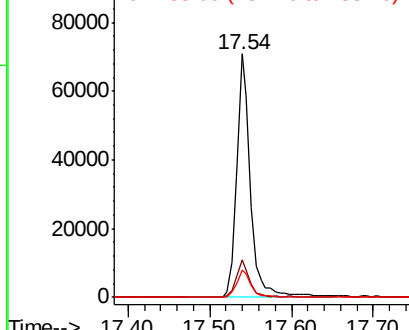
184 100

185 15.2 11.4 17.0

183 11.1 9.0 13.4



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: 37.936 ng

RT: 17.66 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

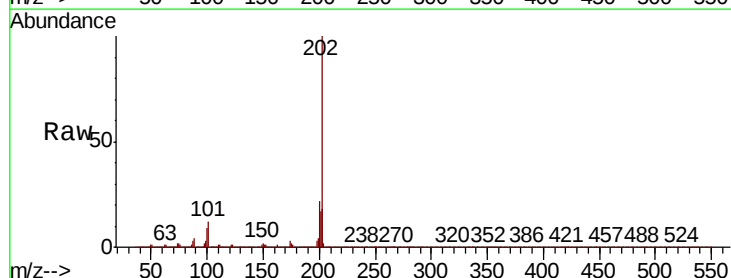
Tgt Ion:202 Resp: 497779

Ion Ratio Lower Upper

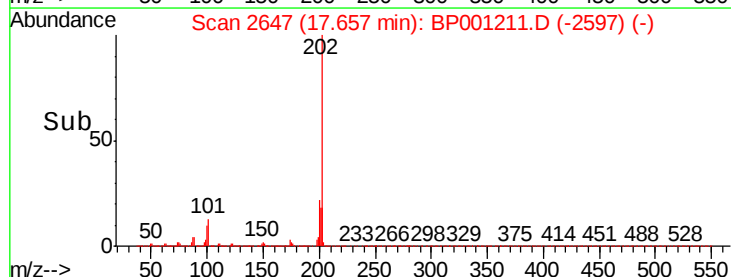
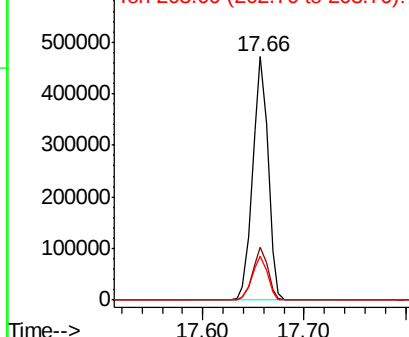
202 100

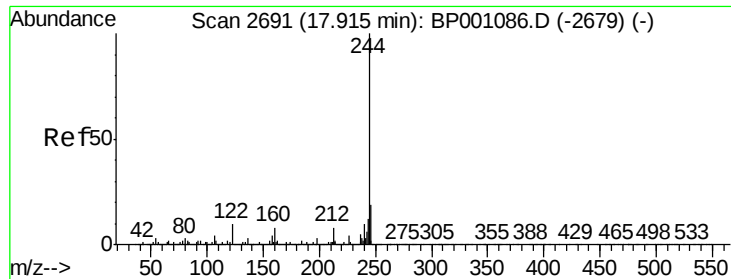
200 21.7 17.3 25.9

203 18.1 13.8 20.8



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: 62.748 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

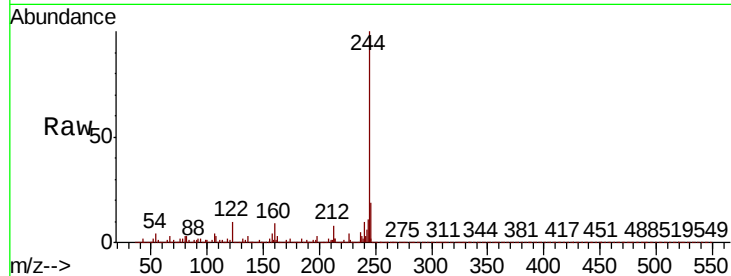
Tot Ion:244 Resp: 565028

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

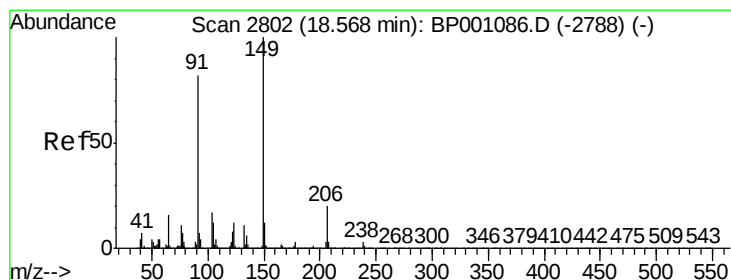
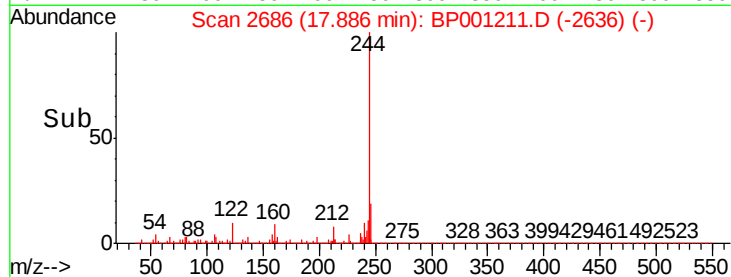
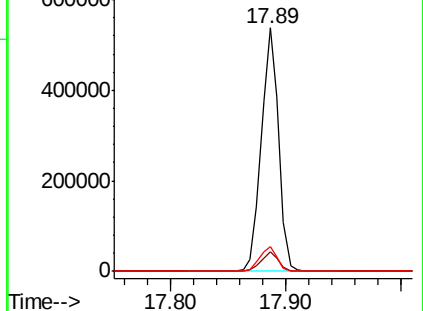
122 10.4 9.2 13.8



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: 36.237 ng

RT: 18.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

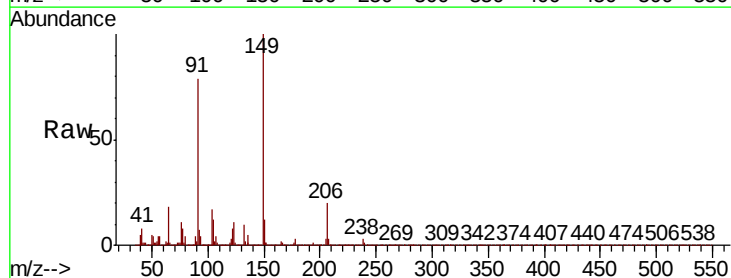
Tgt Ion:149 Resp: 219615

Ion Ratio Lower Upper

149 100

91 79.0 67.4 101.2

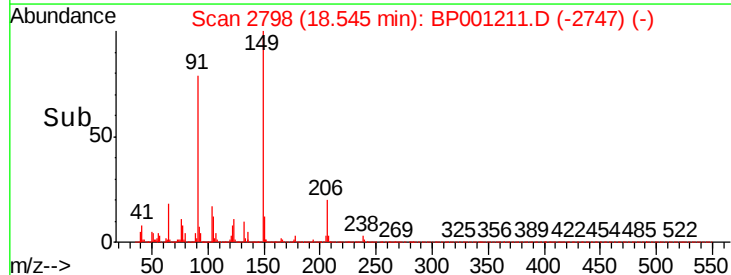
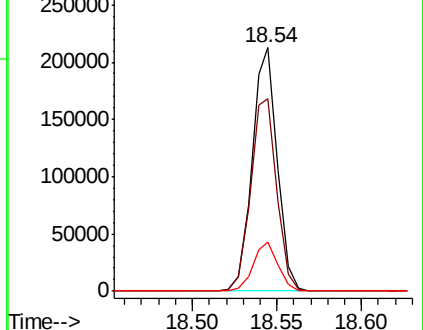
206 20.2 15.0 22.4

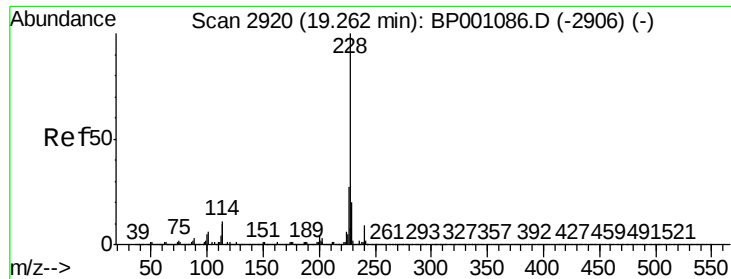


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

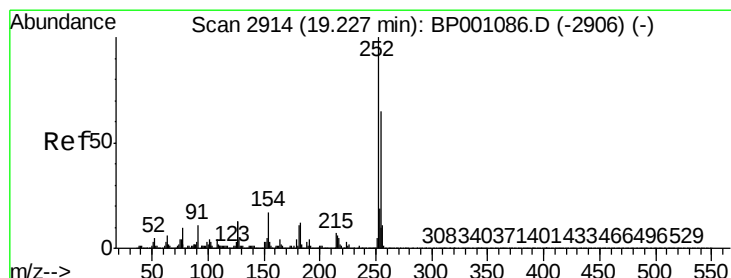
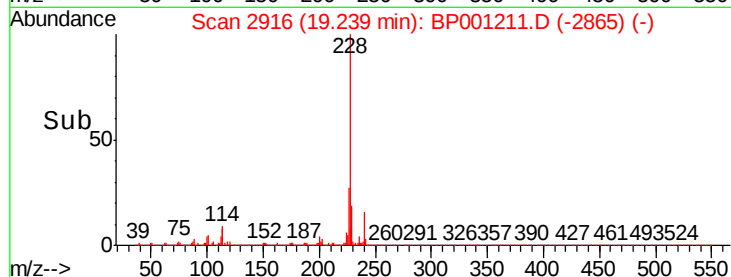
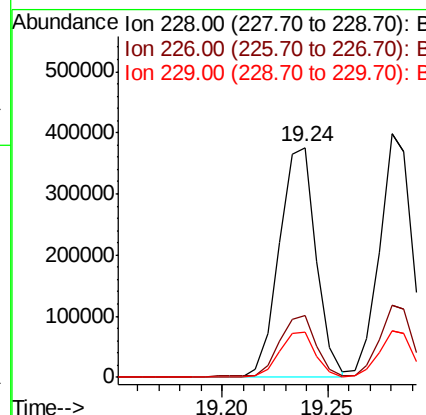
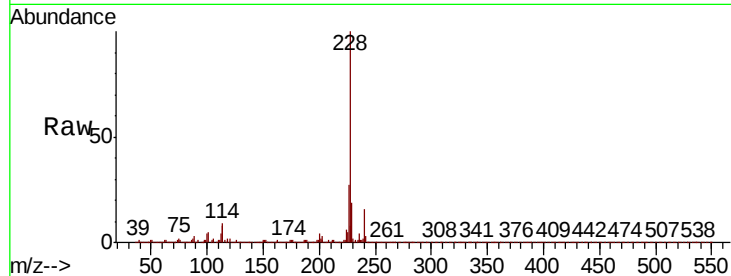




#81
Benzo(a)anthracene
Concen: 39.494 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

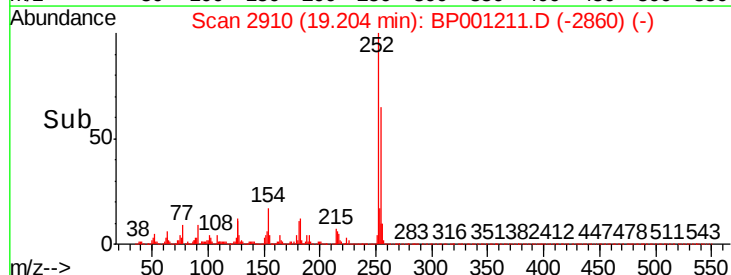
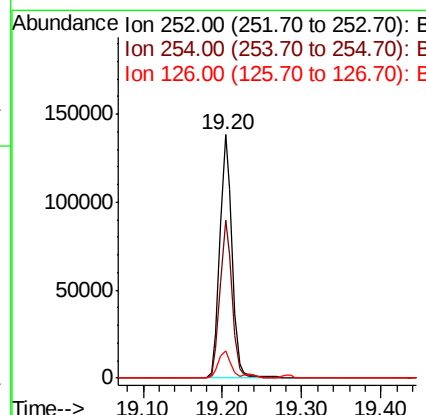
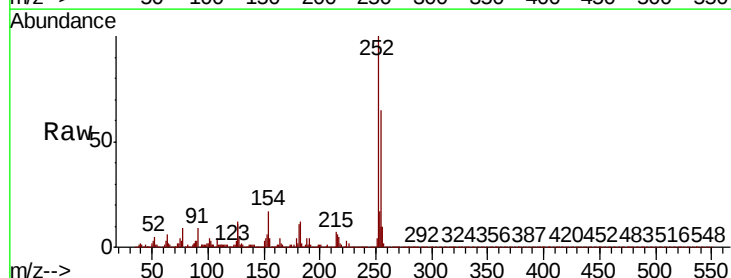
Instrument :
BNA_P
ClientSampleId :
PB125231BS

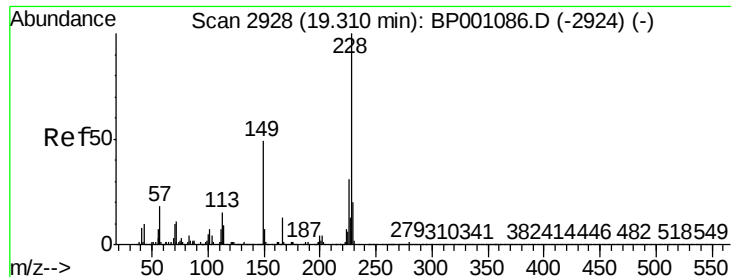
Tot Ion:228 Resp: 456185
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.030 ng
RT: 19.20 min Scan# 2910
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:252 Resp: 148935
Ion Ratio Lower Upper
252 100
254 64.9 52.3 78.5
126 11.4 9.4 14.2





#83

Chrysene

Concen: 41.686 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

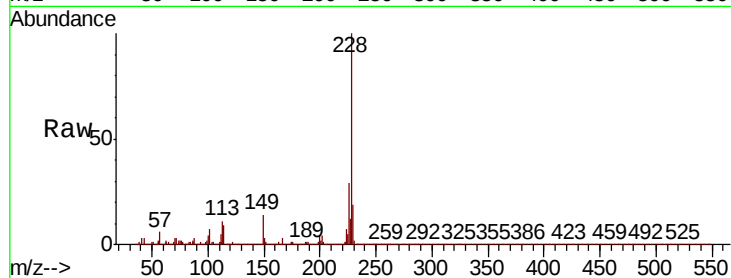
Tot Ion:228 Resp: 431167

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

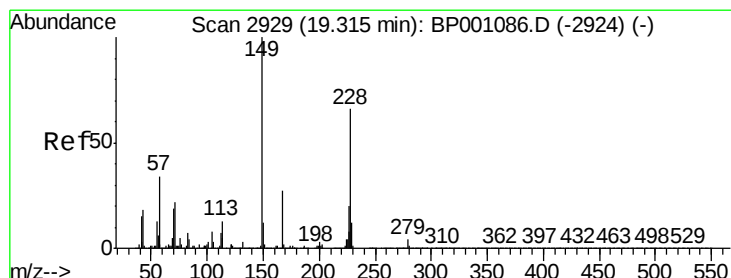
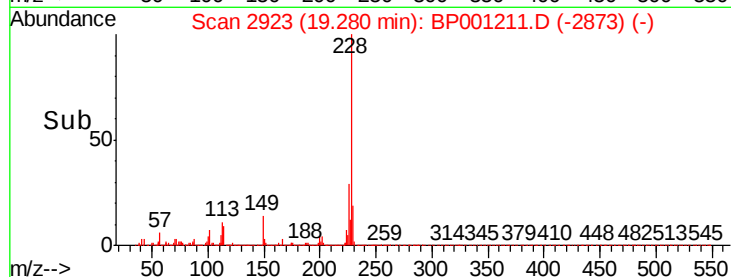
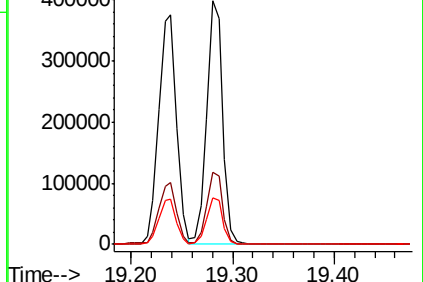
229 19.2 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.736 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

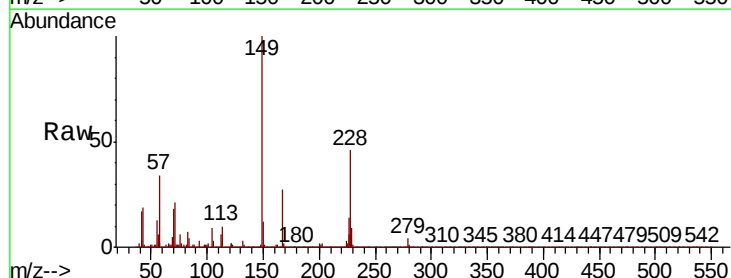
Tgt Ion:149 Resp: 314436

Ion Ratio Lower Upper

149 100

167 26.5 20.8 31.2

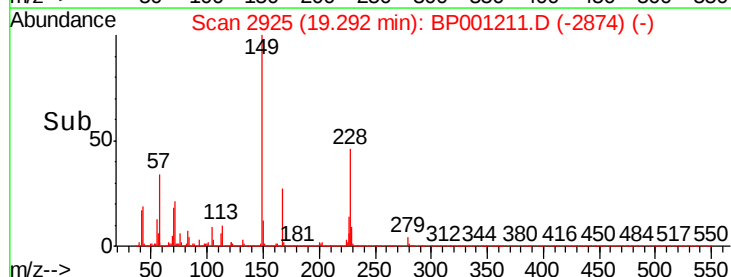
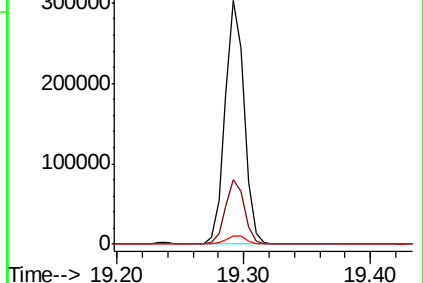
279 3.5 2.8 4.2

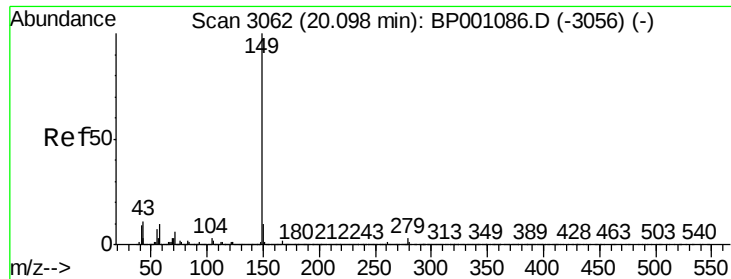


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.368 ng

RT: 20.07 min Scan# 3058

Delta R.T. -0.00 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

Instrument :

BNA_P

ClientSampleId :

PB125231BS

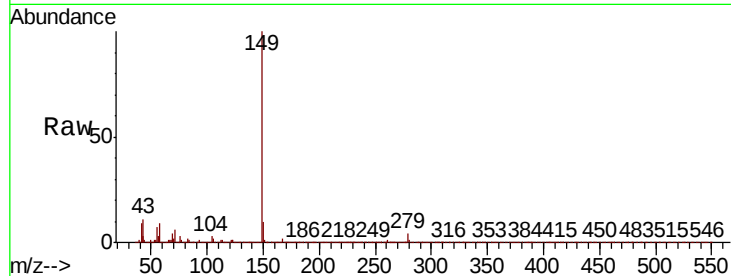
Tot Ion:149 Resp: 538326

Ion Ratio Lower Upper

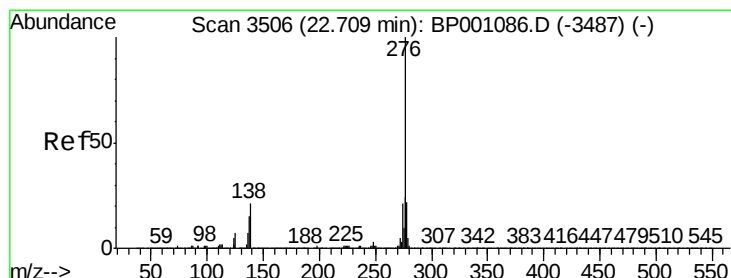
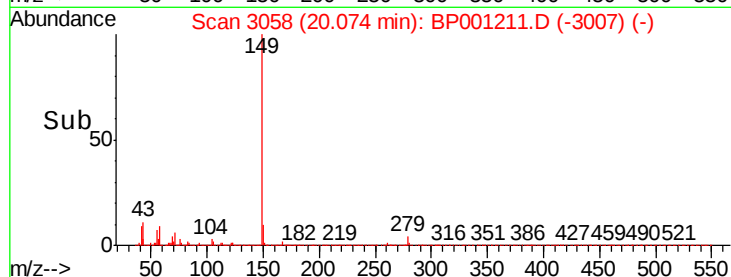
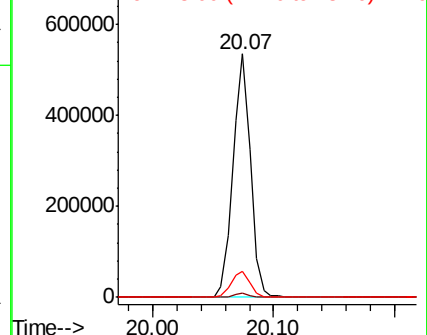
149 100

167 1.5 1.3 1.9

43 11.3 9.1 13.7



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.398 ng

RT: 22.66 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BP001211.D

Acq: 05 Dec 2019 14:59

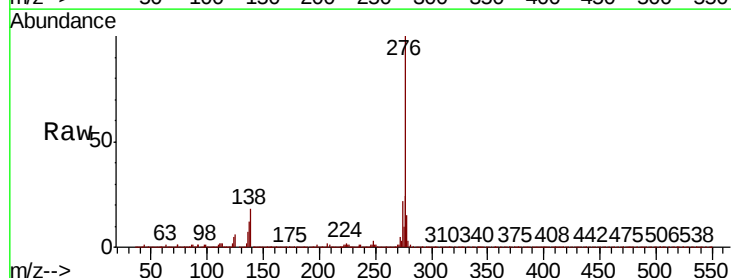
Tgt Ion:276 Resp: 480259

Ion Ratio Lower Upper

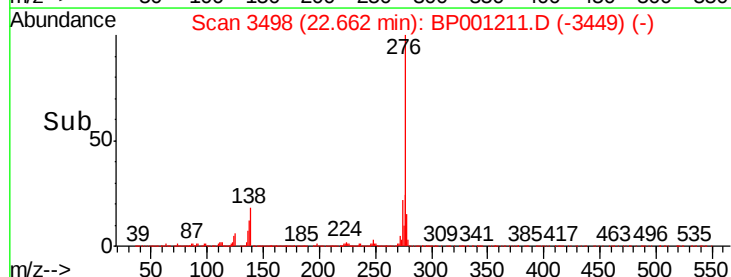
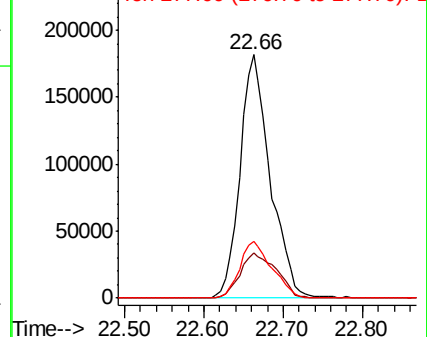
276 100

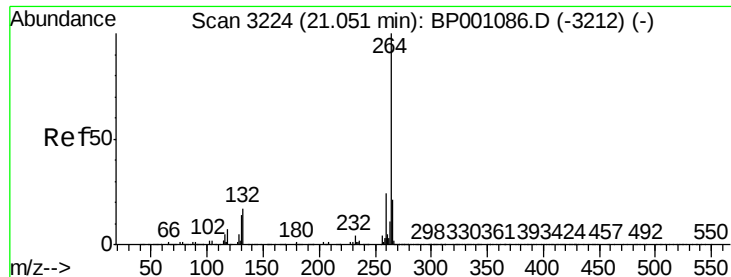
138 22.3 17.9 26.9

277 25.0 20.1 30.1



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

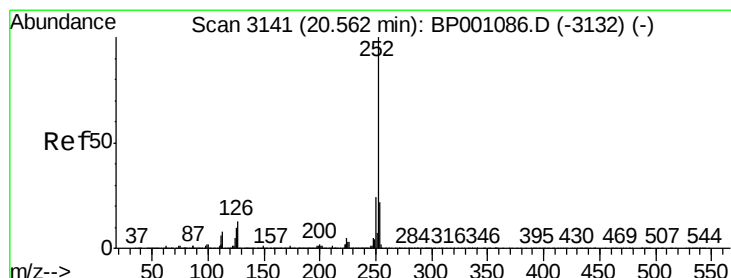
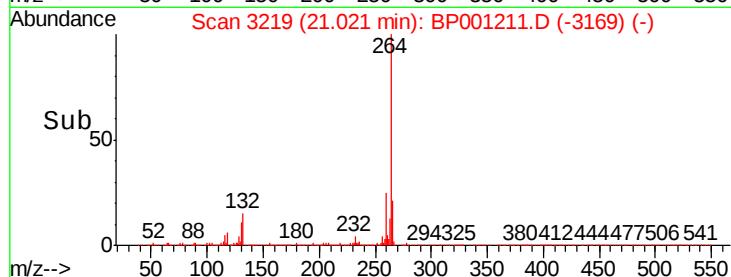
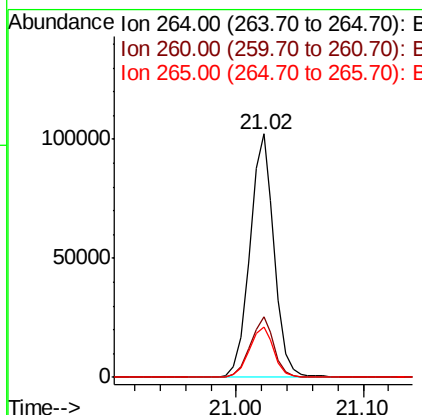
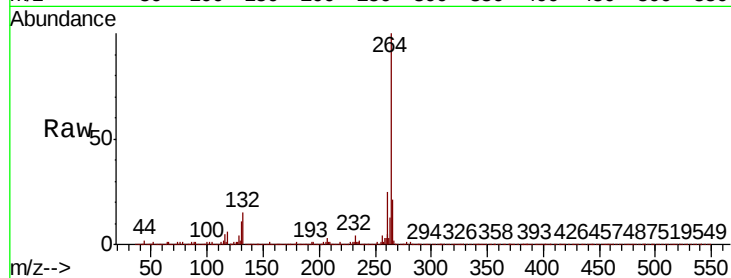




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

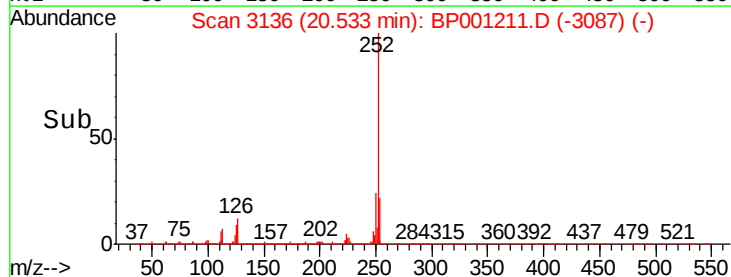
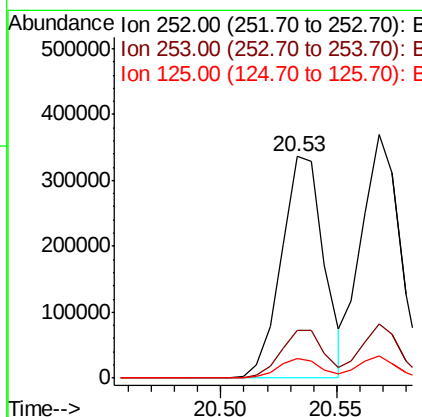
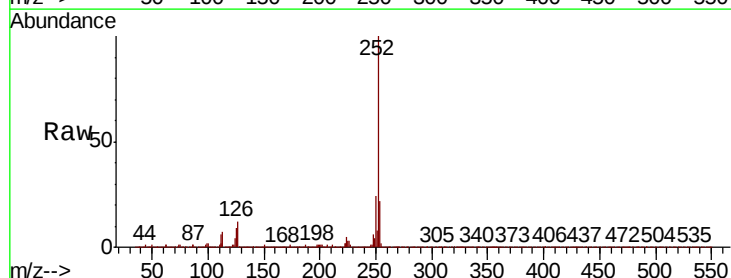
Instrument :
BNA_P
ClientSampleId :
PB125231BS

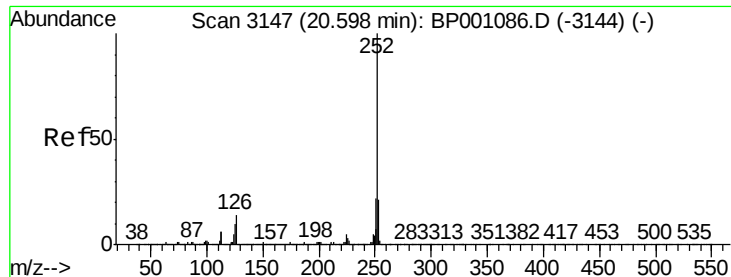
Tot Ion:264 Resp: 135760
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.0
265 20.6 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 51.715 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion:252 Resp: 428831
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.9 6.6 9.8

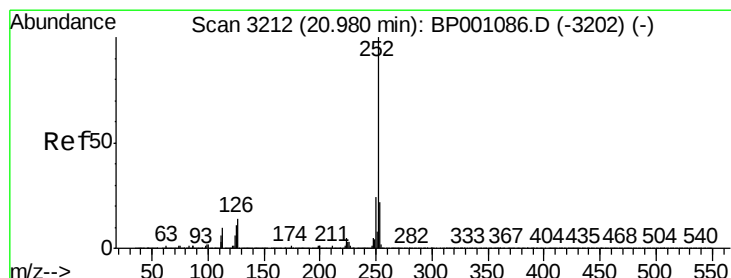
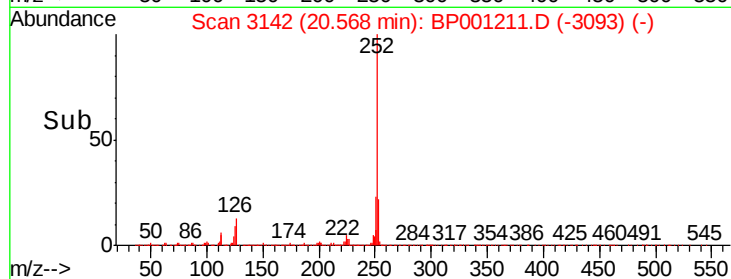
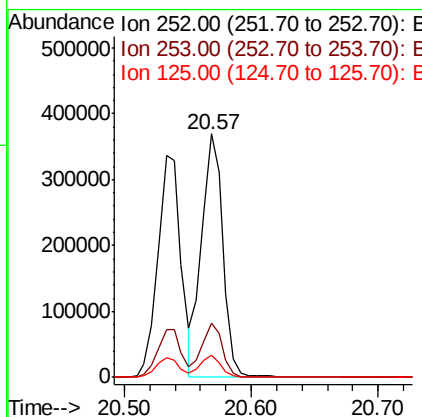
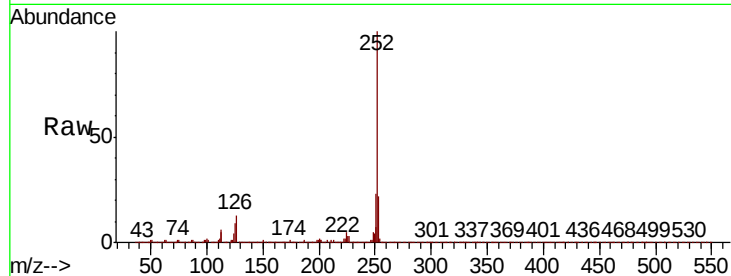




#89
Benzo(k)fluoranthene
Concen: 53.932 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

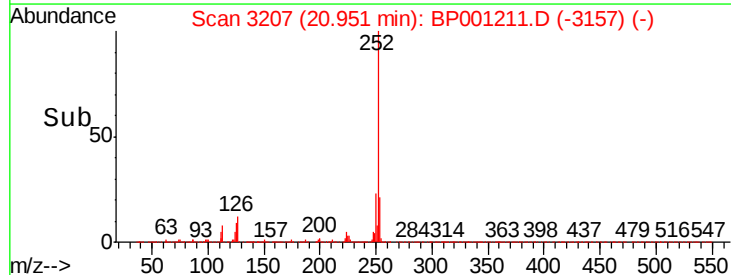
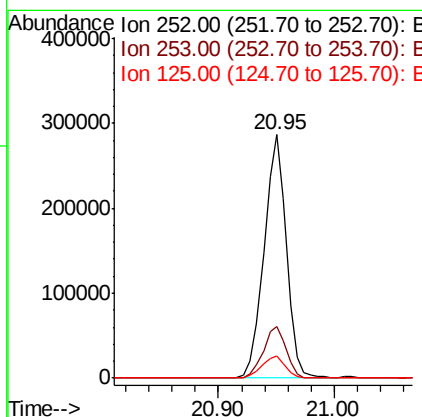
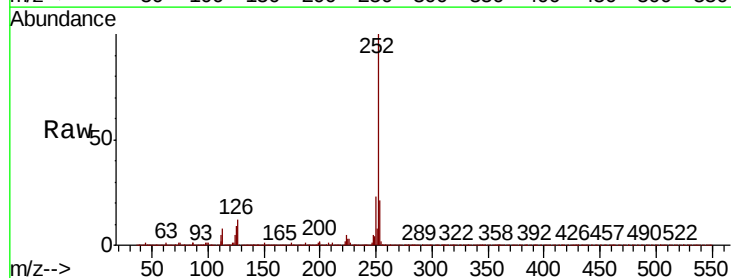
Instrument :
BNA_P
ClientSampleId :
PB125231BS

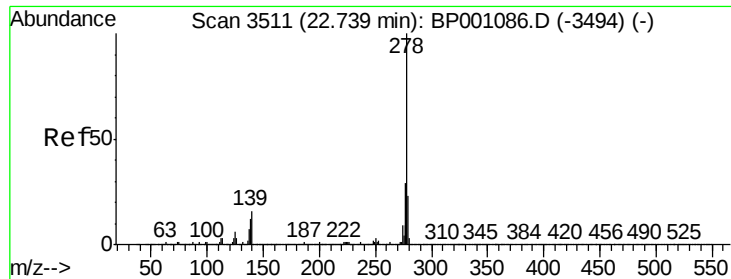
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.2	6.2	9.4



#90
Benzo(a)pyrene
Concen: 50.601 ng
RT: 20.95 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.8	25.2
125	9.3	7.8	11.6

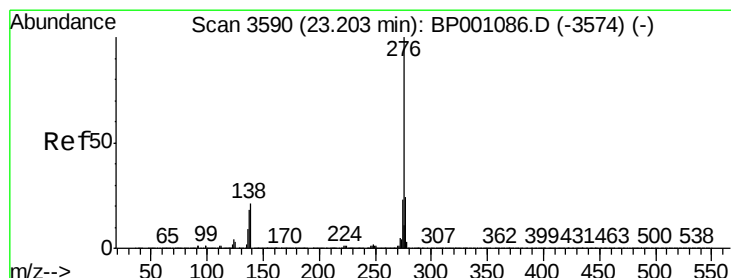
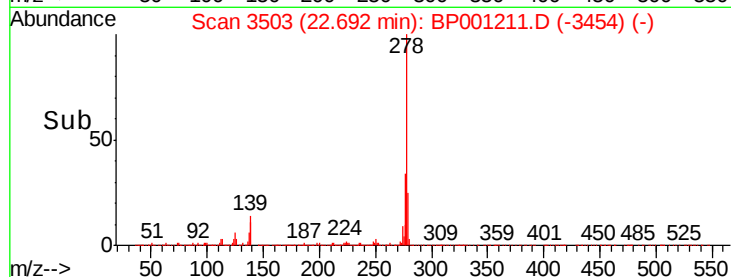
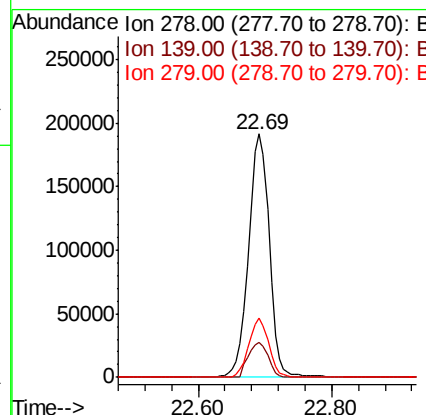
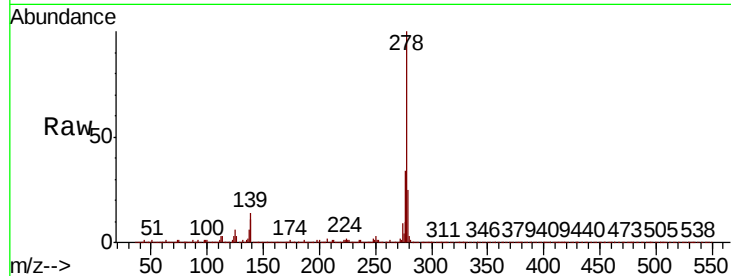




#91
Dibenzo(a,h)anthracene
Concen: 54.361 ng
RT: 22.69 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.6	17.4
279	24.6	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 56.130 ng
RT: 23.15 min Scan# 3581
Delta R.T. -0.02 min
Lab File: BP001211.D
Acq: 05 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	18.1	15.6	23.4

