

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001438.D
 Acq On : 27 Dec 2019 01:26
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 04:02:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28358	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	95316	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	56795	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	112207	20.00	ng	0.00
76) Chrysene-d12	19.23	240	89362	20.00	ng	0.00
87) Perylene-d12	20.99	264	92768	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	132045	75.26	ng	0.00
7) Phenol-d6	7.75	99	174464	76.20	ng	0.00
23) Nitrobenzene-d5	9.18	82	183035	73.74	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	58125	81.86	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	370396	82.47	ng	0.00
79) Terphenyl-d14	17.86	244	443445	84.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	27486	38.064	ng	93
3) Pyridine	3.34	79	67940	34.442	ng	100
4) n-Nitrosodimethylamine	3.26	42	47000	37.629	ng	98
6) Aniline	7.76	93	109219	37.895	ng	# 80
8) 2-Chlorophenol	7.96	128	68560	38.866	ng	93
9) Benzaldehyde	7.58	77	50897	31.690	ng	97
10) Phenol	7.78	94	96102	36.736	ng	82
11) bis(2-Chloroethyl)ether	7.89	93	65841	35.576	ng	96
12) 1,3-Dichlorobenzene	8.19	146	85629	38.972	ng	97
13) 1,4-Dichlorobenzene	8.31	146	88082	39.348	ng	98
14) 1,2-Dichlorobenzene	8.55	146	84152	39.460	ng	96
15) Benzyl Alcohol	8.53	79	75212	35.010	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	90148	30.756	ng	91
17) 2-Methylphenol	8.72	107	58217	37.348	ng	98
18) Hexachloroethane	9.09	117	34690	36.428	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	57099	35.130	ng	99
20) 3+4-Methylphenols	8.97	107	77449	37.442	ng	93
22) Acetophenone	8.93	105	114429	37.964	ng	# 99
24) Nitrobenzene	9.20	77	89946	36.818	ng	98
25) Isophorone	9.60	82	142564	35.721	ng	97
26) 2-Nitrophenol	9.71	139	35031	40.214	ng	92
27) 2,4-Dimethylphenol	9.82	122	50400	39.337	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	85344	35.803	ng	99
29) 2,4-Dichlorophenol	10.12	162	65283	41.151	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	79399	40.688	ng	99
31) Naphthalene	10.36	128	207224	39.828	ng	99
32) Benzoic acid	10.01	122	31365	32.133	ng	90
33) 4-Chloroaniline	10.46	127	84399	39.665	ng	96
34) Hexachlorobutadiene	10.58	225	54770	40.240	ng	93
35) Caprolactam	11.04	113	18465	39.116	ng	89
36) 4-Chloro-3-methylphenol	11.28	107	68532	36.966	ng	97
37) 2-Methylnaphthalene	11.49	142	146489	40.782	ng	100
38) 1-Methylnaphthalene	11.65	142	137779	40.800	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	86754	41.311	ng	100

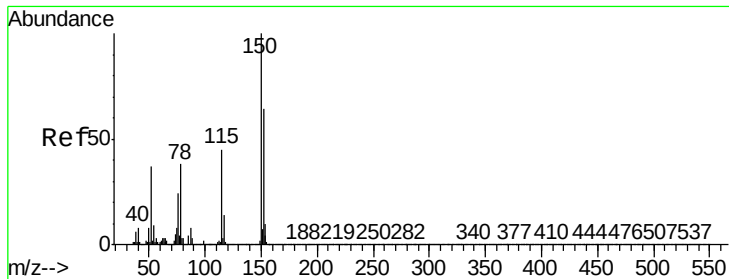
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001438.D
 Acq On : 27 Dec 2019 01:26
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	28191	27.142	nq	99
43) 2,4,6-Trichlorophenol	11.96	196	51699	40.030	nq	97
44) 2,4,5-Trichlorophenol	12.03	196	53344	40.200	nq	98
46) 1,1'-Biphenyl	12.26	154	193139	40.637	nq	98
47) 2-Chloronaphthalene	12.28	162	154349	40.172	nq	98
48) 2-Nitroaniline	12.45	65	55874	36.316	nq	97
49) Acenaphthylene	12.95	152	221857	39.500	nq	100
50) Dimethylphthalate	12.78	163	179549	38.535	nq	99
51) 2,6-Dinitrotoluene	12.86	165	36882	38.983	nq	88
52) Acenaphthene	13.24	154	133904	39.569	nq	99
53) 3-Nitroaniline	13.13	138	38107	37.526	nq	91
54) 2,4-Dinitrophenol	13.30	184	10543	28.859	nq	93
55) Dibenzofuran	13.52	168	213766	40.316	nq	97
56) 4-Nitrophenol	13.45	139	20509	28.244	nq	98
57) 2,4-Dinitrotoluene	13.52	165	51977	39.527	nq	# 93
58) Fluorene	14.09	166	170762	40.266	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.66	232	40176	35.265	nq	96
60) Diethylphthalate	13.94	149	178455	37.133	nq	98
61) 4-Chlorophenyl-phenylether	14.10	204	91797	41.177	nq	98
62) 4-Nitroaniline	12.45	138	47097	40.050	nq	94
63) Azobenzene	14.36	77	179897	35.557	nq	95
65) 4,6-Dinitro-2-methylphenol	14.19	198	18456	36.726	nq	99
66) n-Nitrosodiphenylamine	14.30	169	144140	40.520	nq	98
67) 4-Bromophenyl-phenylether	14.90	248	54262	40.902	nq	93
68) Hexachlorobenzene	14.99	284	62360	41.291	nq	95
69) Atrazine	15.19	200	44781	35.046	nq	95
70) Pentachlorophenol	15.30	266	26078	33.671	nq	89
71) Phenanthrene	15.62	178	253847	39.653	nq	99
72) Anthracene	15.70	178	252754	39.883	nq	100
73) Carbazole	15.95	167	216648	38.344	nq	99
74) Di-n-butylphthalate	16.49	149	280077	36.122	nq	99
75) Fluoranthene	17.33	202	278540	38.912	nq	98
77) Benzidine	17.52	184	104399	40.126	nq	99
78) Pyrene	17.63	202	279363	40.263	nq	99
80) Butylbenzylphthalate	18.52	149	119052	36.804	nq	92
81) Benzo(a)anthracene	19.22	228	254437	39.074	nq	99
82) 3,3'-Dichlorobenzidine	19.18	252	92709	41.001	nq	97
83) Chrysene	19.26	228	249847	39.752	nq	100
84) Bis(2-ethylhexyl)phthalate	19.26	149	167800	35.351	nq	98
85) Di-n-octyl phthalate	20.04	149	276876	35.194	nq	97
86) Indeno(1,2,3-cd)pyrene	22.62	276	262239	38.633	nq	98
88) Benzo(b)fluoranthene	20.51	252	235491	38.653	nq	98
89) Benzo(k)fluoranthene	20.55	252	241063	41.538	nq	99
90) Benzo(a)pyrene	20.92	252	223426	40.257	nq	99
91) Dibenzo(a,h)anthracene	22.64	278	223064	41.107	nq	98
92) Benzo(g,h,i)perylene	23.10	276	201354	38.832	nq	99

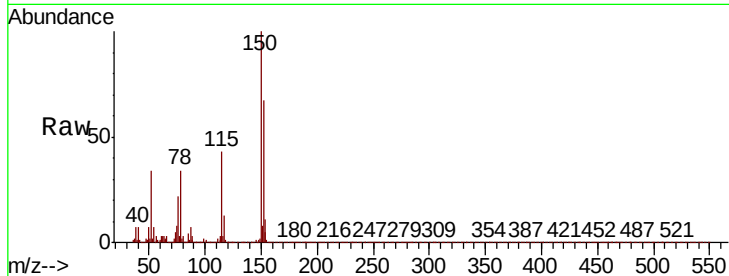
(#) = qualifier out of range (m) = manual integration (+) = signals summed



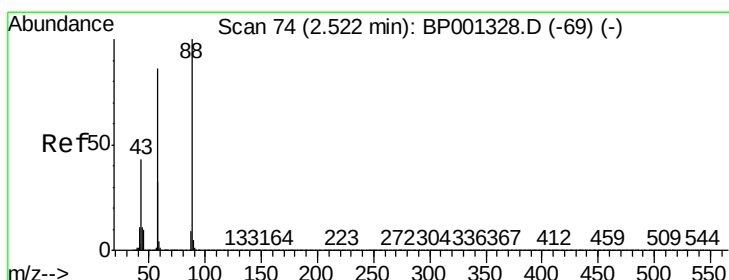
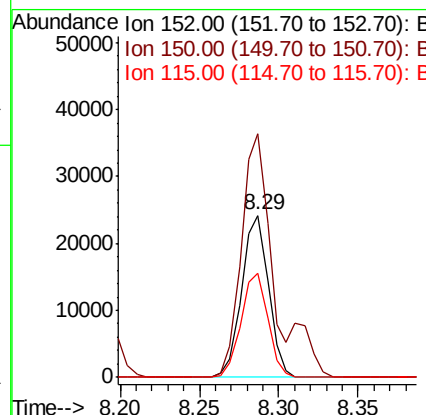
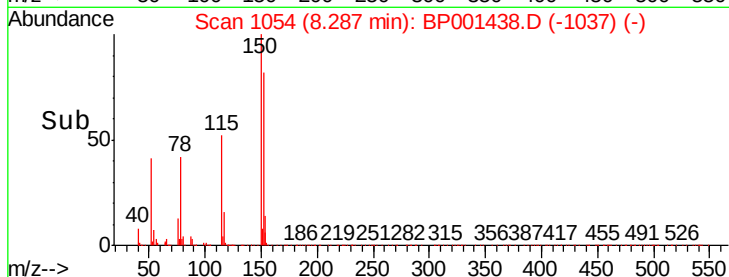
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BP001438.D
 Acq: 27 Dec 2019 01:26

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	152	Resp:	28358
Ion	Ratio	Lower	Upper
152	100		
150	150.3	127.0	190.6
115	64.0	56.1	84.1

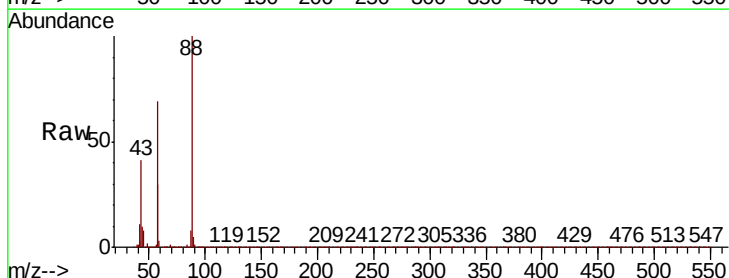


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

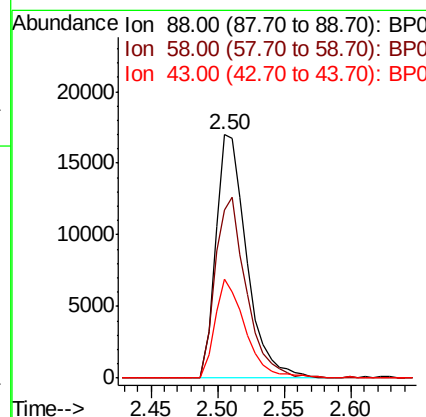
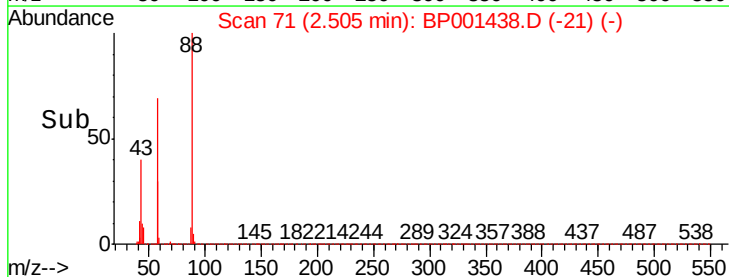


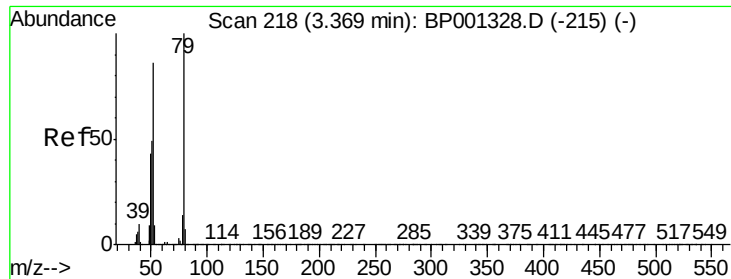
#2
 1,4-Dioxane
 Concen: 38.064 ng
 RT: 2.50 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BP001438.D
 Acq: 27 Dec 2019 01:26

Tgt Ion:	88	Resp:	27486
Ion	Ratio	Lower	Upper
88	100		
58	75.0	66.9	100.3
43	39.9	32.9	49.3



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: 34.442 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

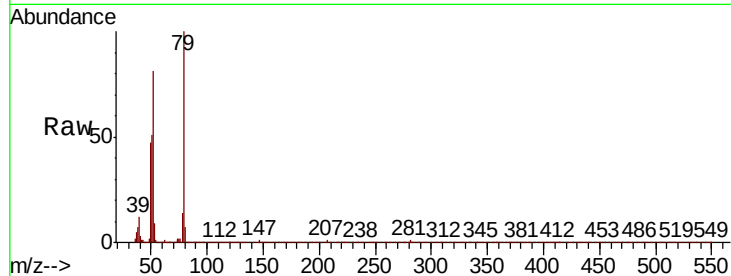
Tot Ion: 79 Resp: 67940

Ion Ratio Lower Upper

79 100

52 80.5 64.6 96.8

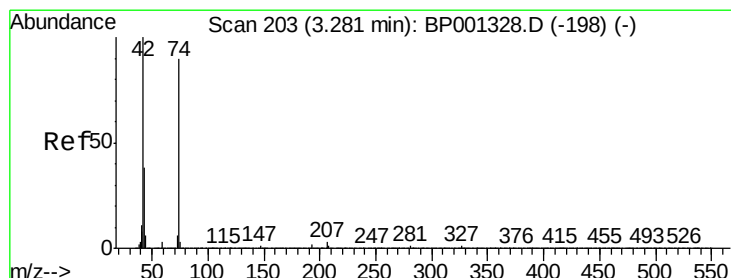
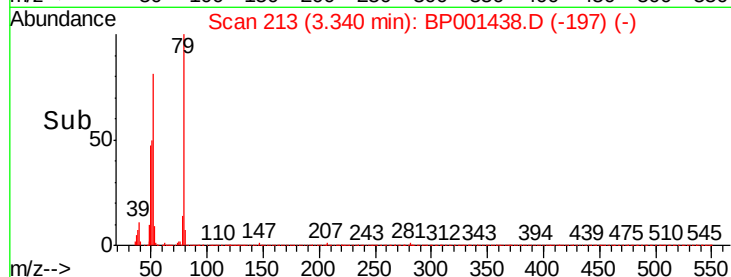
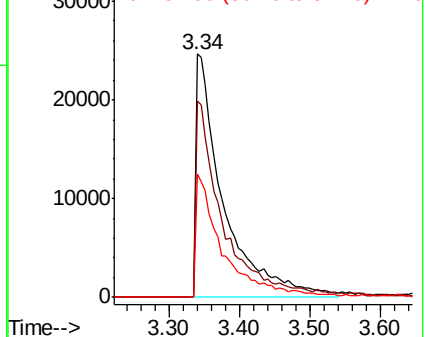
51 50.6 40.2 60.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 37.629 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

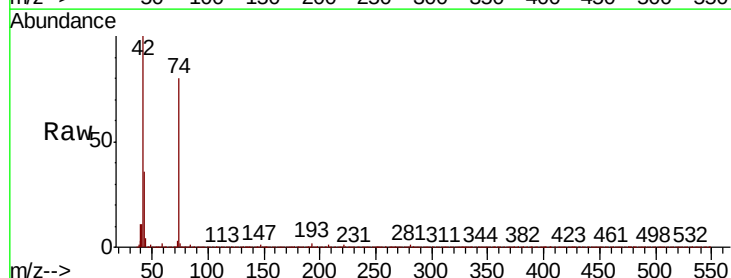
Tgt Ion: 42 Resp: 47000

Ion Ratio Lower Upper

42 100

74 80.1 65.3 97.9

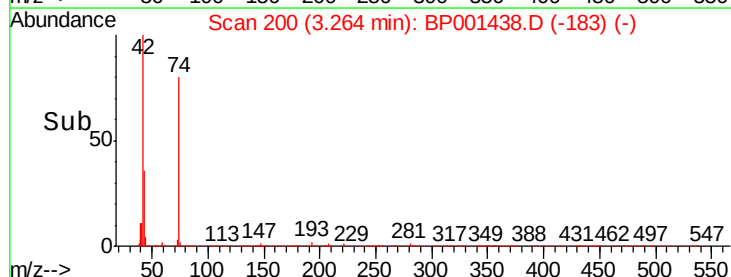
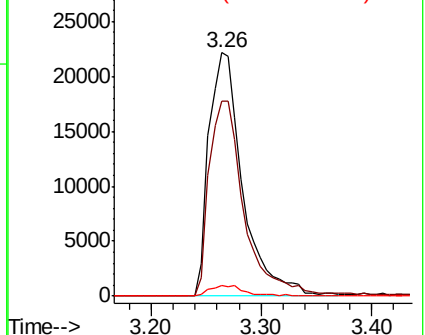
44 4.2 3.8 5.6

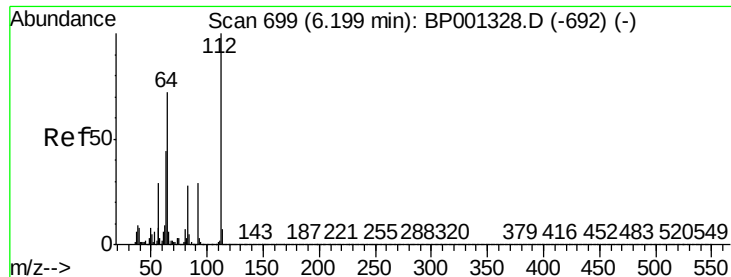


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 75.256 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

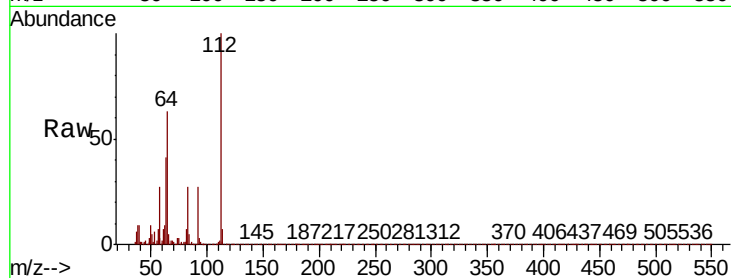
Tot Ion: 112 Resp: 132045

Ion Ratio Lower Upper

112 100

64 62.6 53.9 80.9

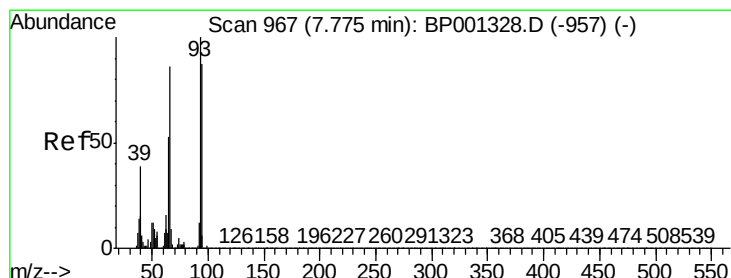
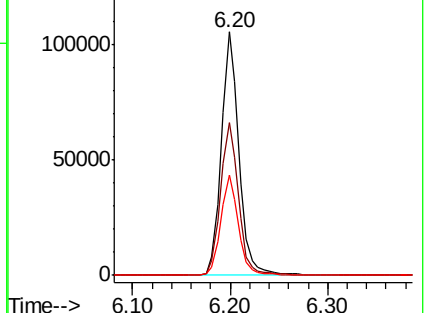
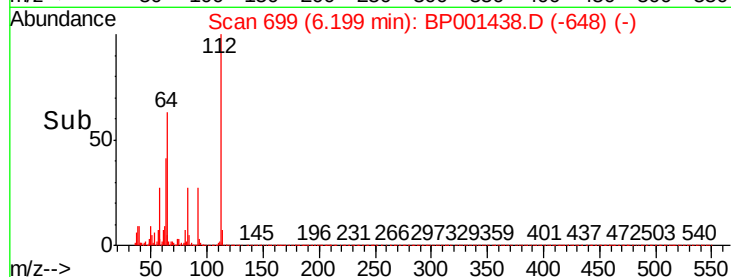
63 41.2 33.4 50.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 37.895 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

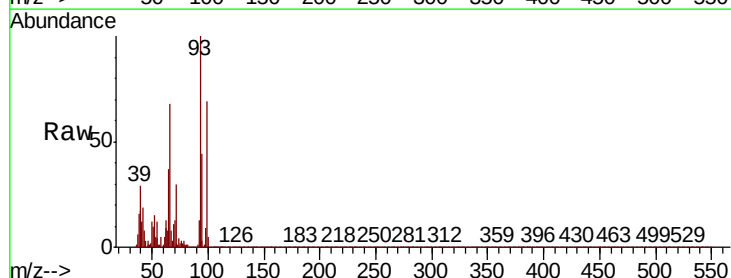
Tgt Ion: 93 Resp: 109219

Ion Ratio Lower Upper

93 100

66 68.3 69.0 103.6#

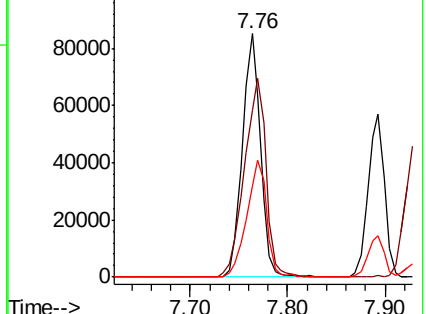
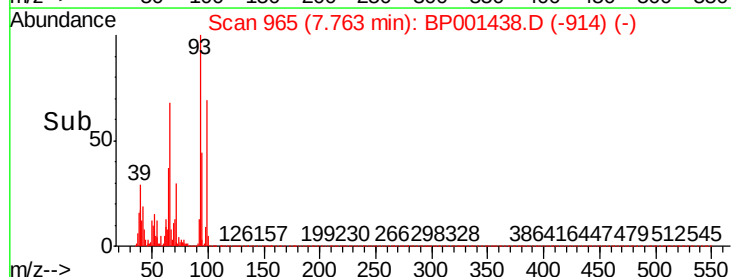
65 37.3 41.1 61.7#

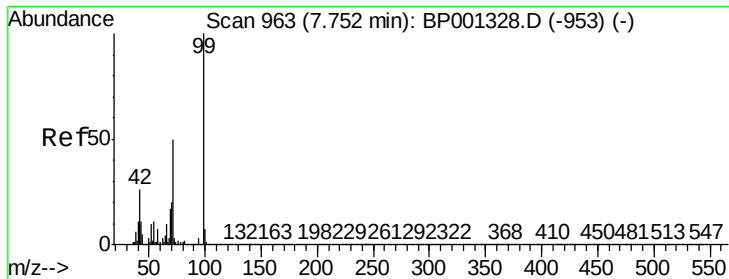


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 76.200 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

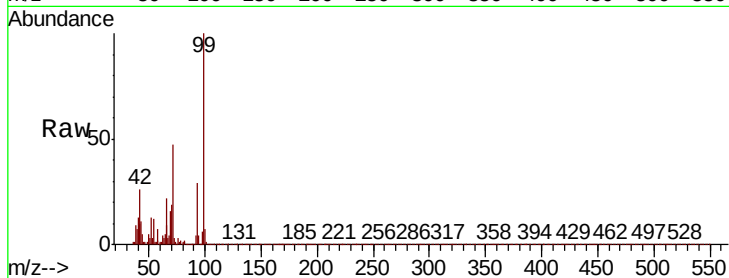
Tot Ion: 99 Resp: 174464

Ion	Ratio	Lower	Upper
99	100		
42	26.5	20.8	31.2
71	47.5	38.2	57.4

99 100

42 26.5 20.8 31.2

71 47.5 38.2 57.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

150000

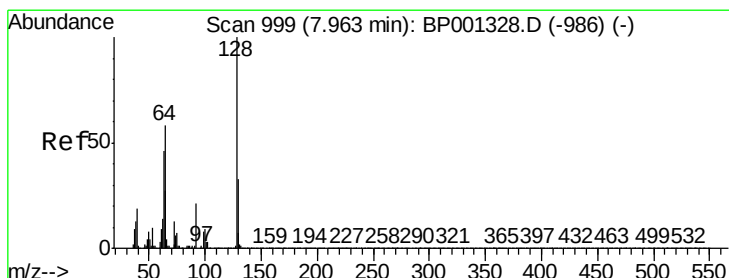
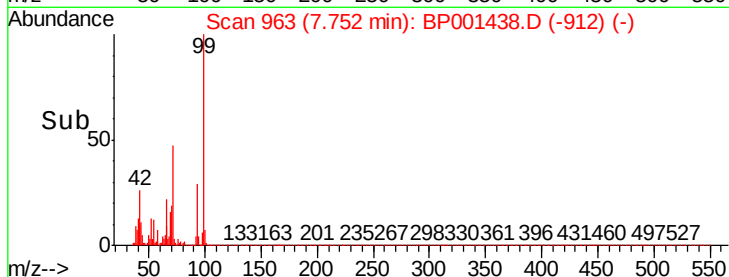
7.75

100000

50000

0

Time-->



#8

2-Chlorophenol

Concen: 38.866 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

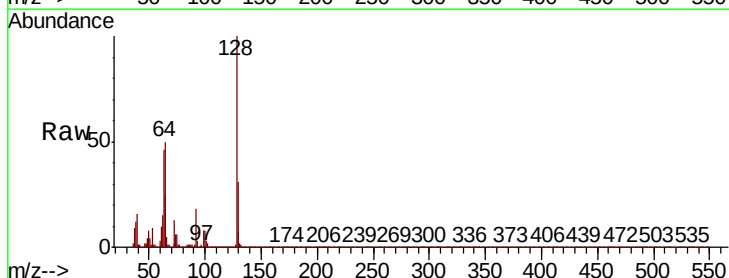
Tgt Ion: 128 Resp: 68560

Ion	Ratio	Lower	Upper
128	100		
130	31.3	10.7	50.7
64	50.3	37.7	77.7

128 100

130 31.3 10.7 50.7

64 50.3 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0

80000

7.96

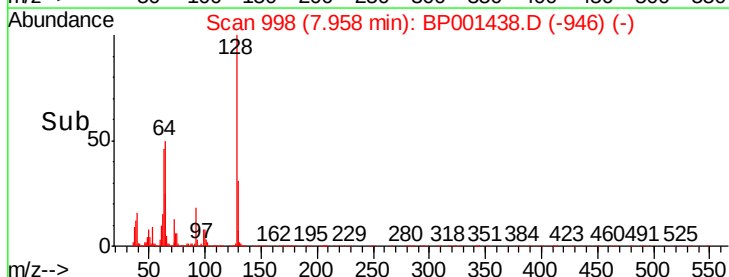
60000

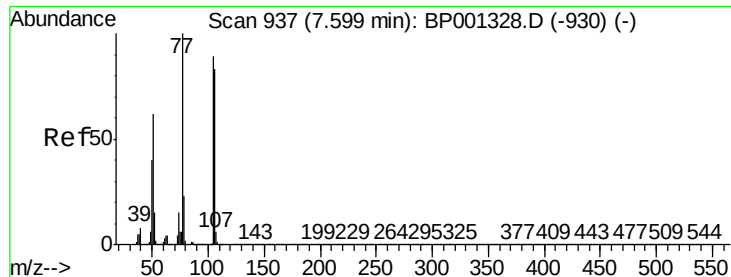
40000

20000

0

Time-->





#9

Benzaldehyde

Concen: 31.690 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

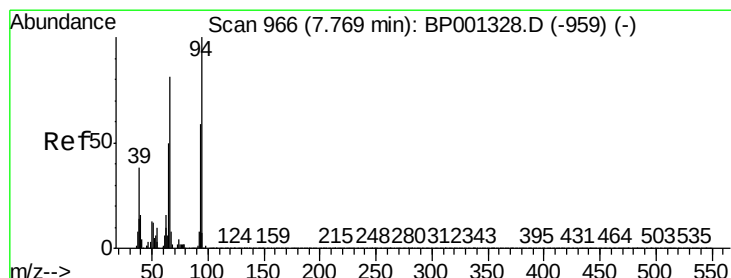
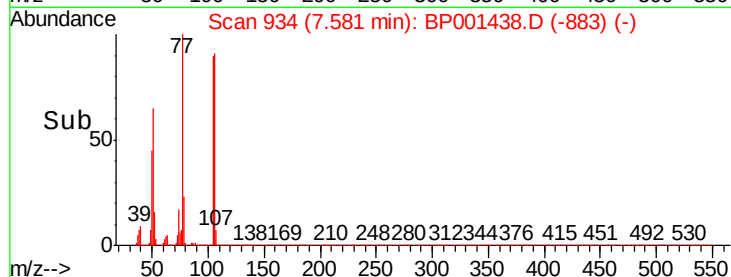
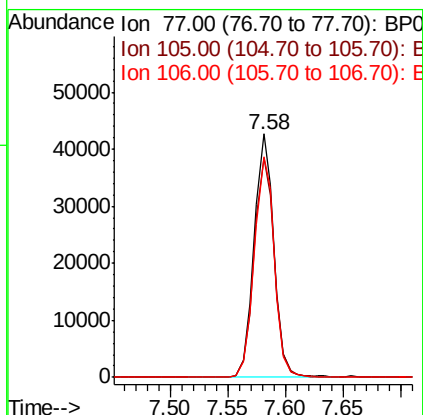
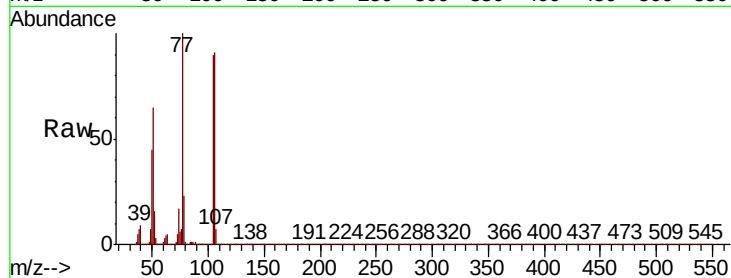
Tot Ion: 77 Resp: 50897

Ion Ratio Lower Upper

77 100

105 90.1 75.7 115.7

106 90.6 70.5 110.5



#10

Phenol

Concen: 36.736 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

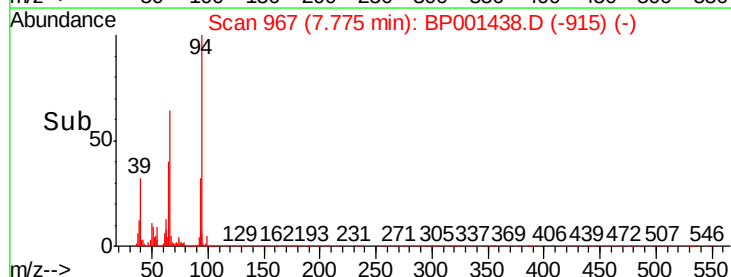
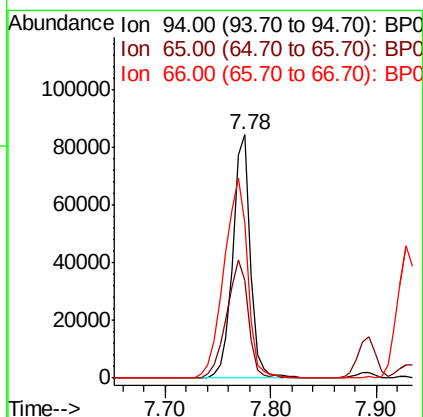
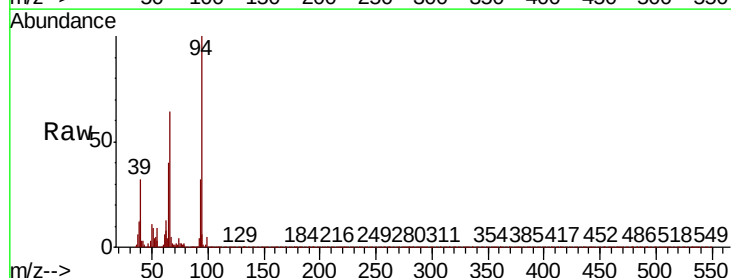
Tgt Ion: 94 Resp: 96102

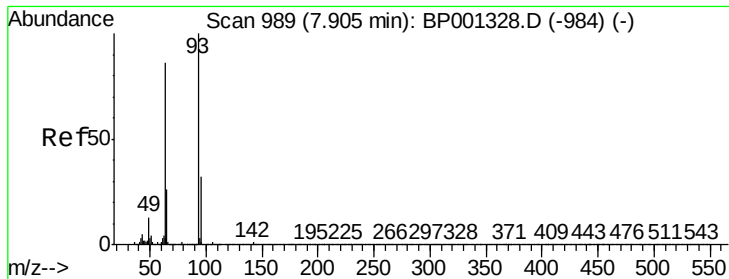
Ion Ratio Lower Upper

94 100

65 40.0 29.6 69.6

66 63.7 62.3 102.3

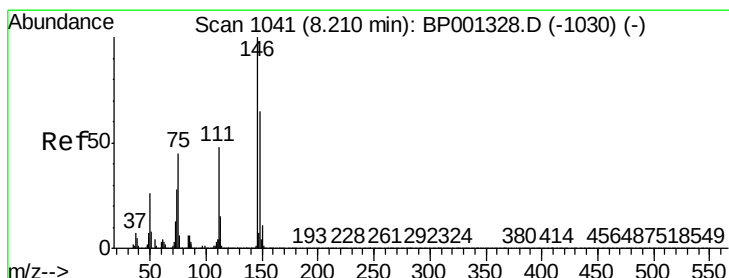
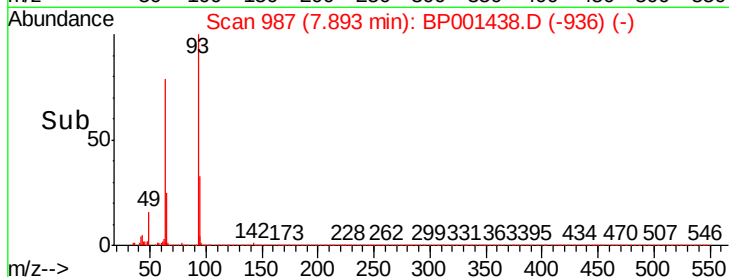
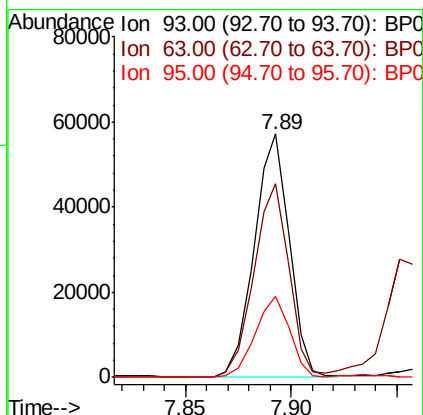
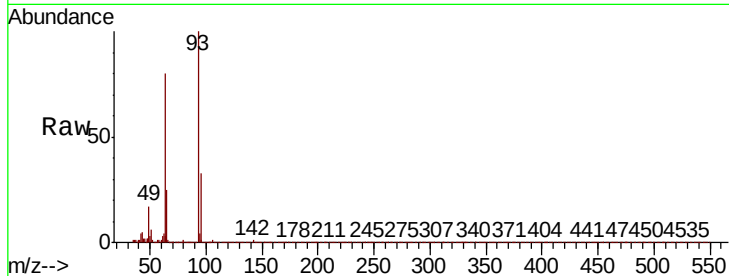




#11
bis(2-Chloroethyl)ether
Concen: 35.576 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

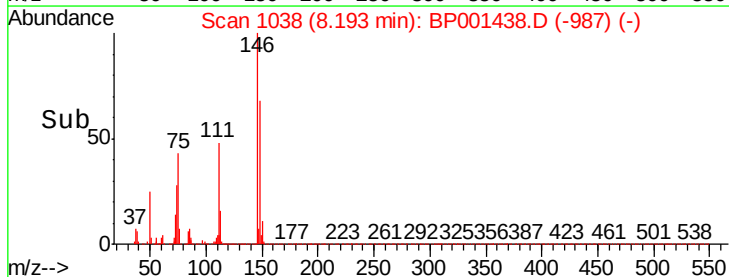
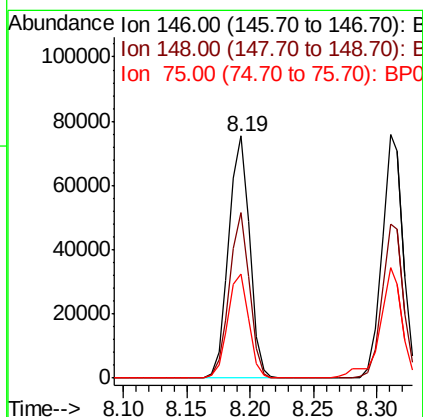
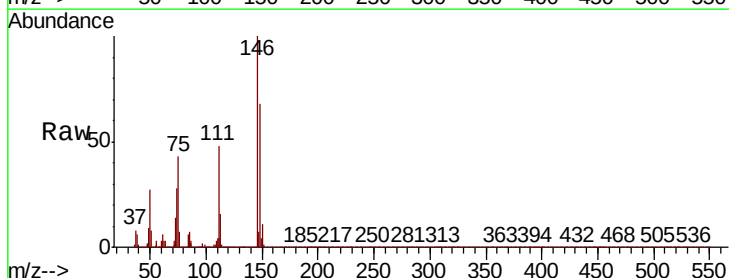
Instrument :
BNA_P
ClientSampleId :

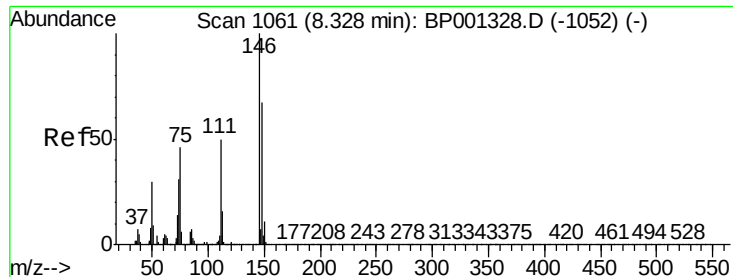
Tot Ion: 93 Resp: 65841
Ion Ratio Lower Upper
93 100
63 79.7 64.9 104.9
95 33.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.972 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion: 146 Resp: 85629
Ion Ratio Lower Upper
146 100
148 68.3 52.2 78.2
75 43.0 35.8 53.8

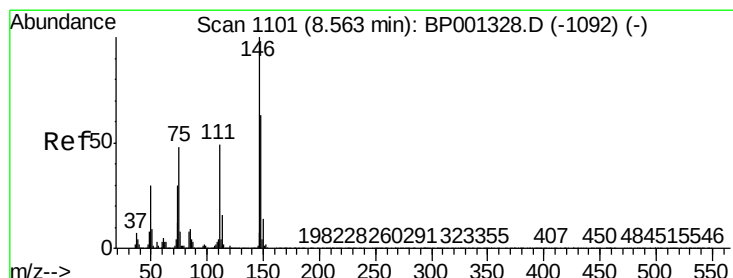
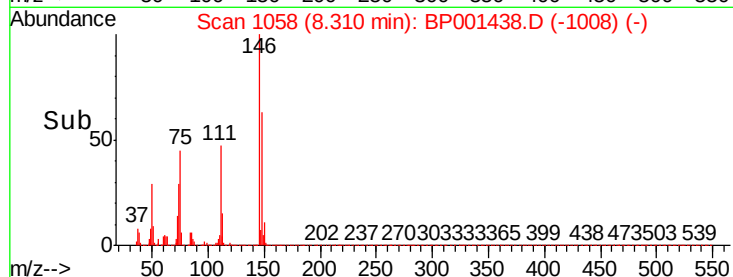
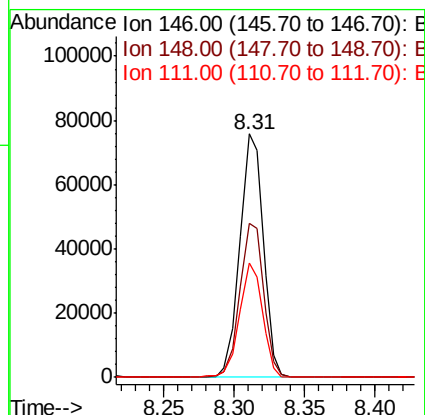
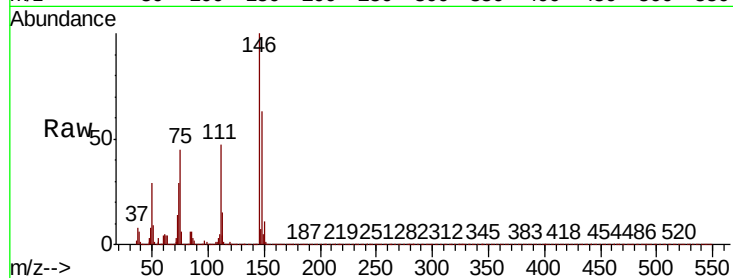




#13
1,4-Dichlorobenzene
Concen: 39.348 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

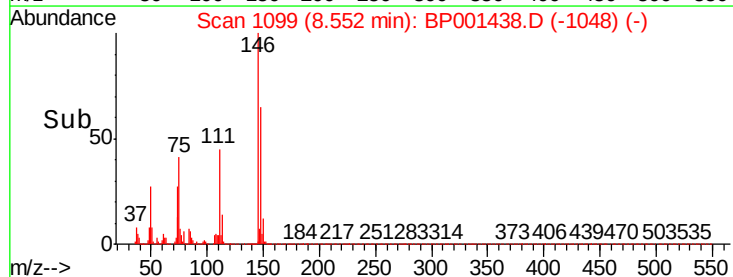
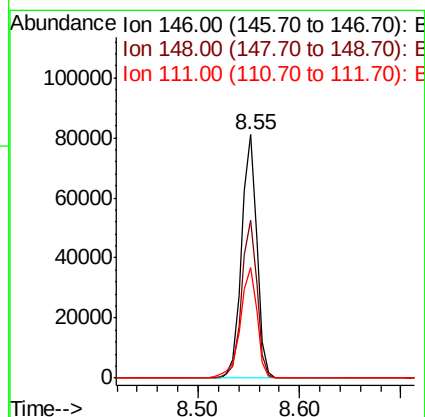
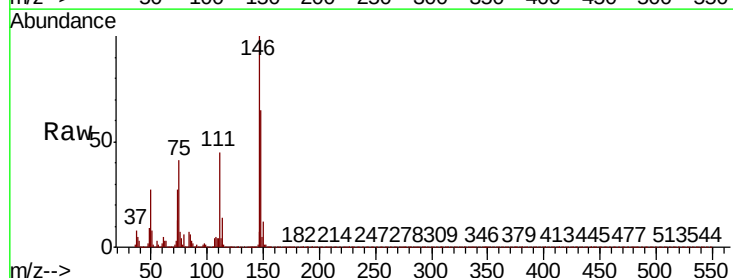
Instrument :
BNA_P
ClientSampleId :

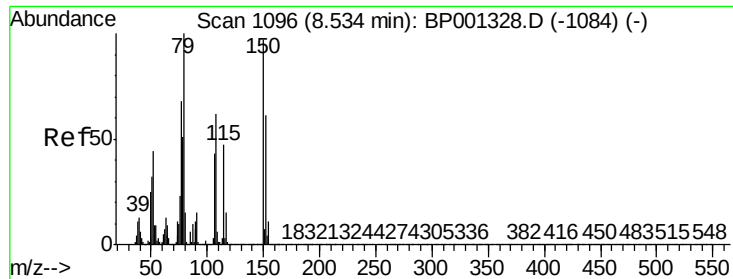
Tot Ion:146 Resp: 88082
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
111 47.0 36.8 55.2



#14
1,2-Dichlorobenzene
Concen: 39.460 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:146 Resp: 84152
Ion Ratio Lower Upper
146 100
148 64.7 53.1 79.7
111 45.4 39.5 59.3

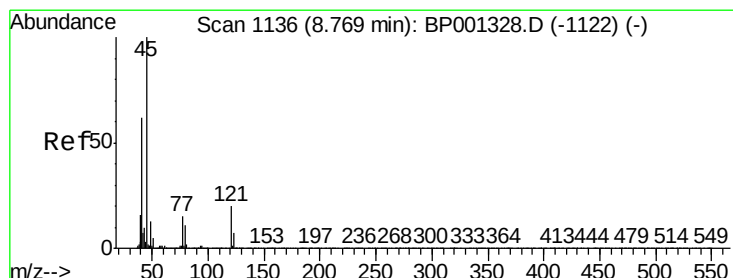
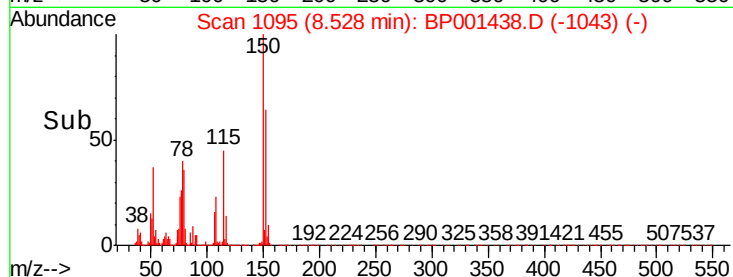
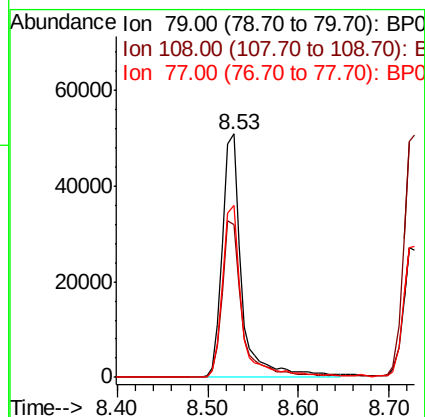
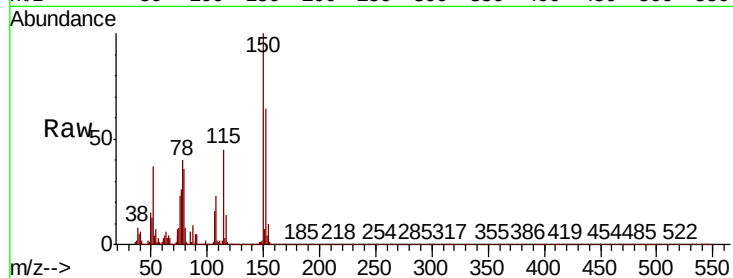




#15
Benzyl Alcohol
Concen: 35.010 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

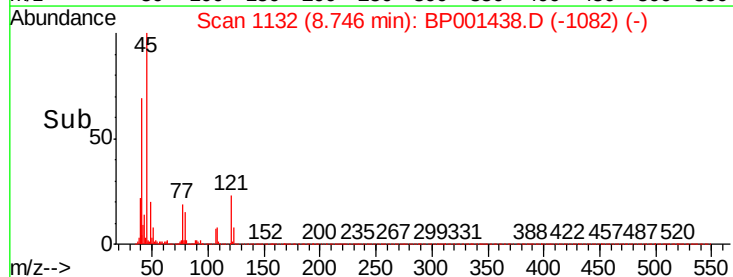
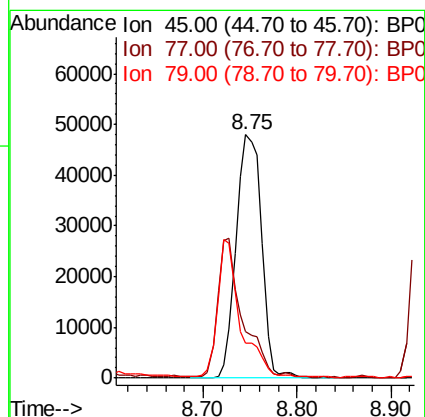
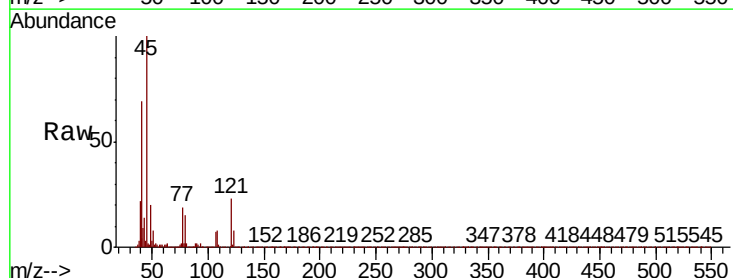
Instrument :
BNA_P
ClientSampleId :

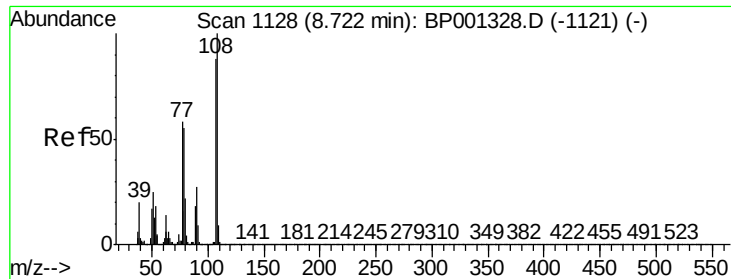
Tot Ion: 79 Resp: 75212
Ion Ratio Lower Upper
79 100
108 62.7 49.0 73.4
77 70.6 56.7 85.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.756 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion: 45 Resp: 90148
Ion Ratio Lower Upper
45 100
77 19.1 0.0 34.7
79 14.5 0.0 31.8

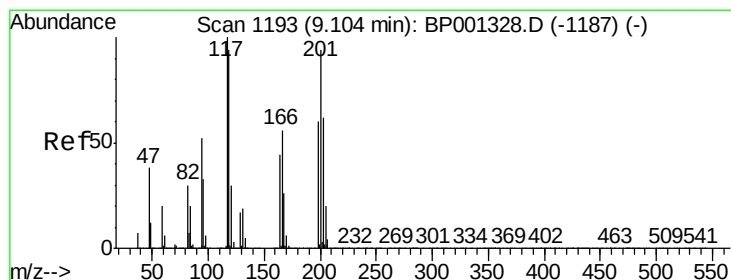
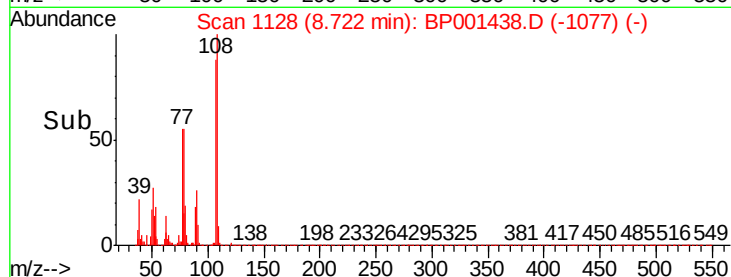
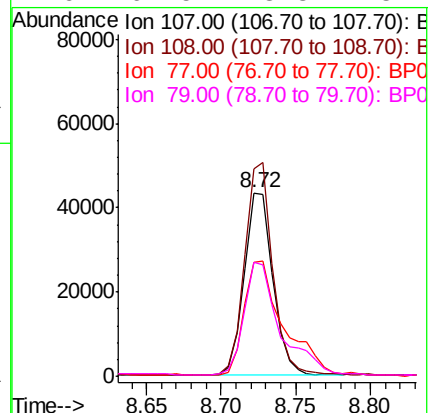
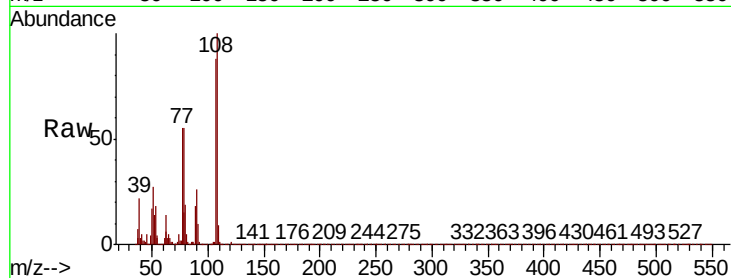




#17
2-Methylphenol
Concen: 37.348 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

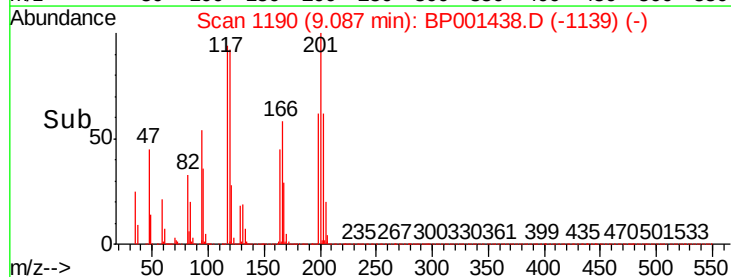
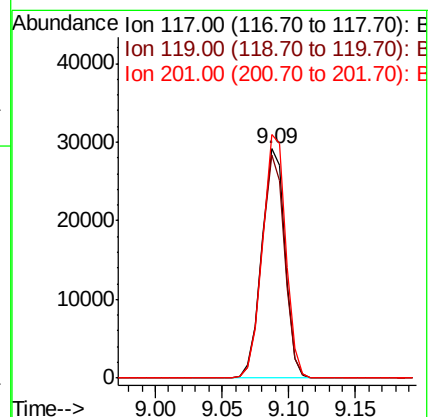
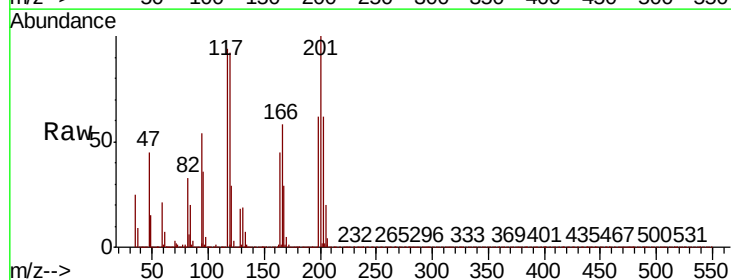
Instrument :
BNA_P
ClientSampleId :

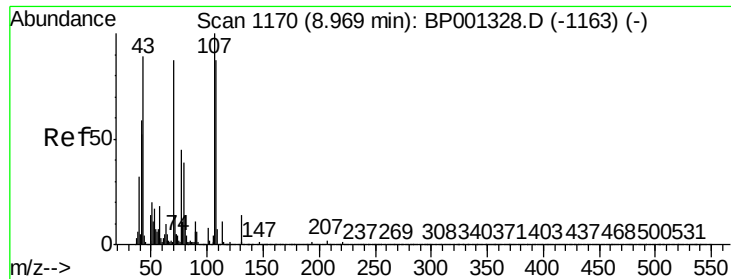
Tot Ion:	107	Resp:	58217
Ion	Ratio	Lower	Upper
107	100		
108	113.4	88.8	133.2
77	62.2	48.9	73.3
79	62.5	48.8	73.2



#18
Hexachloroethane
Concen: 36.428 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:	117	Resp:	34690
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.6
201	106.3	77.8	116.6

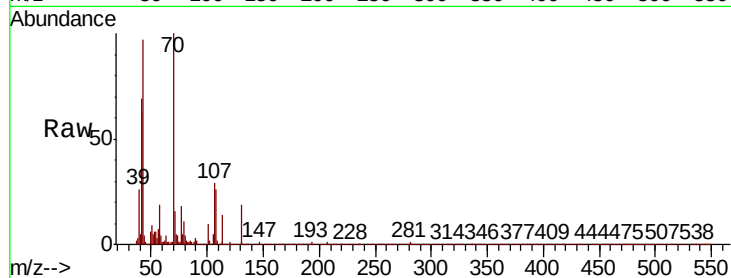




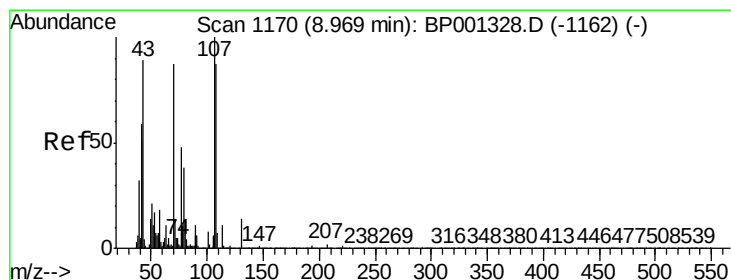
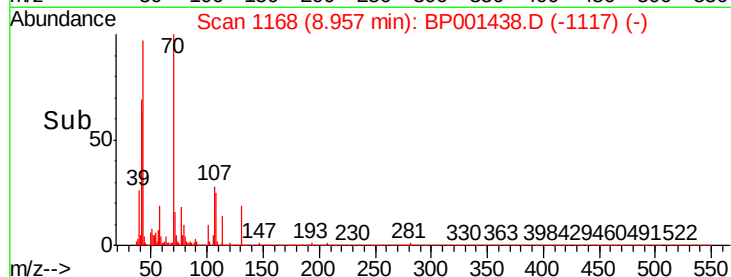
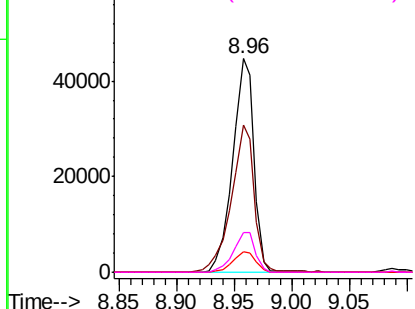
#19
n-Nitroso-di-n-propylamine
Concen: 35.130 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	57099
Ion	Ratio	Lower	Upper
70	100		
42	68.9	55.8	83.8
101	9.8	8.2	12.2
130	18.8	14.5	21.7

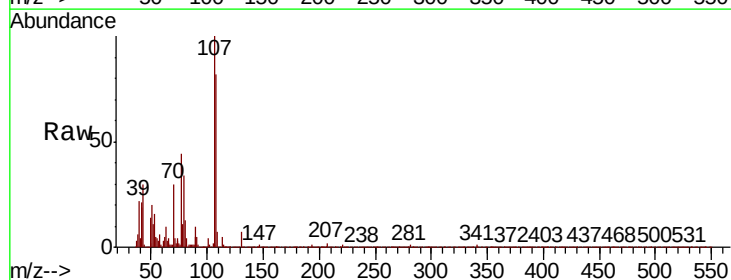


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

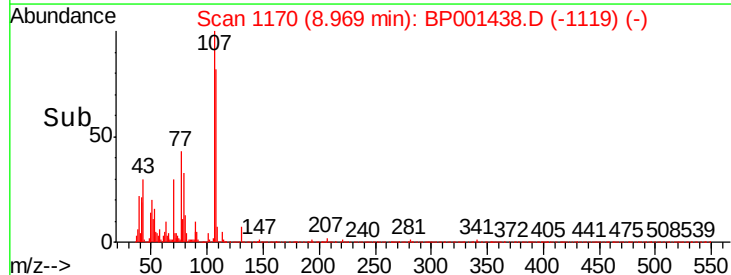
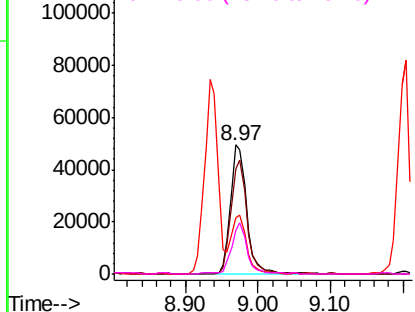


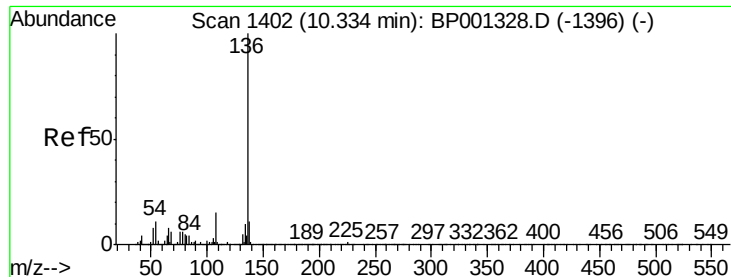
#20
3+4-Methylphenols
Concen: 37.442 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:	107	Resp:	77449
Ion	Ratio	Lower	Upper
107	100		
108	81.7	70.4	110.4
77	43.9	24.5	64.5
79	33.5	18.8	58.8



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

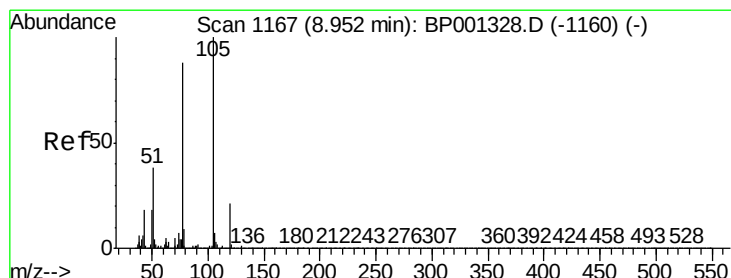
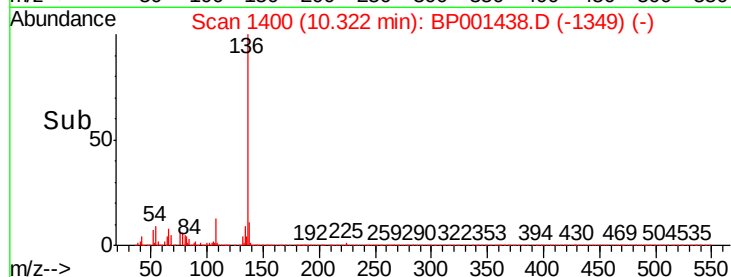
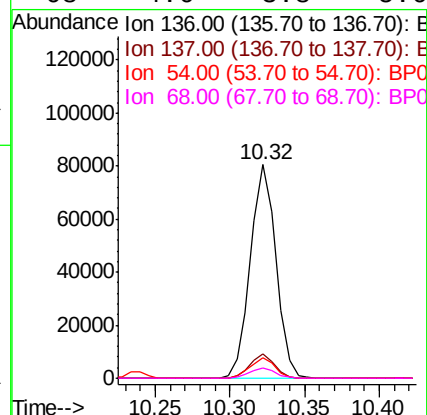
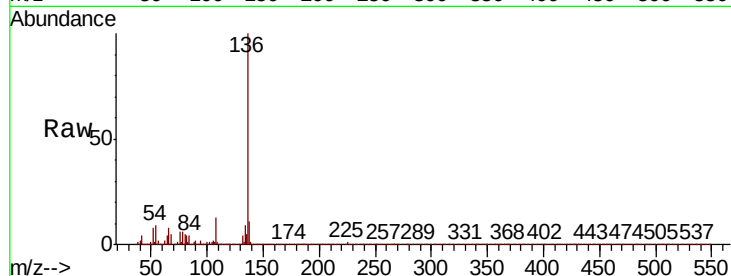




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

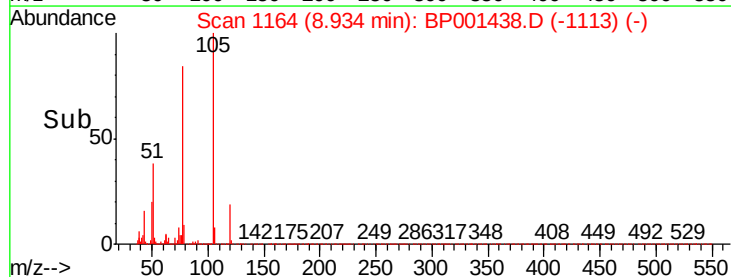
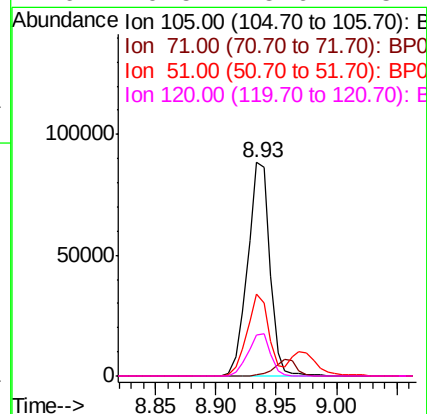
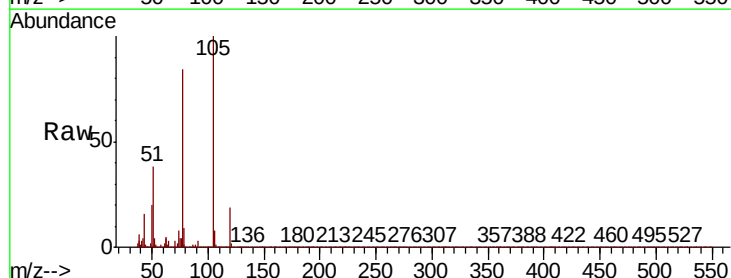
Instrument :
BNA_P
ClientSampleId :

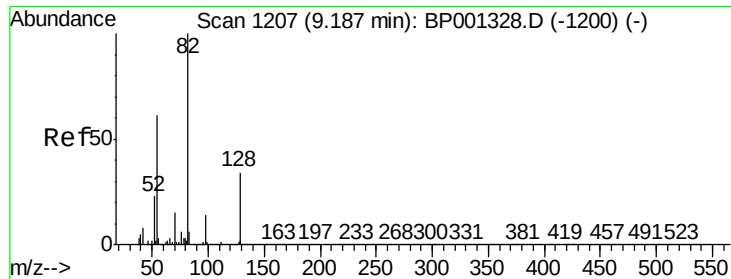
Tot Ion:136	Resp:	95316
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.0 13.4
54	9.4	7.3 10.9
68	4.6	3.8 5.6



#22
Acetophenone
Concen: 37.964 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:105	Resp:	114429
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.2 0.4#
51	38.4	29.8 44.6
120	19.5	15.6 23.4

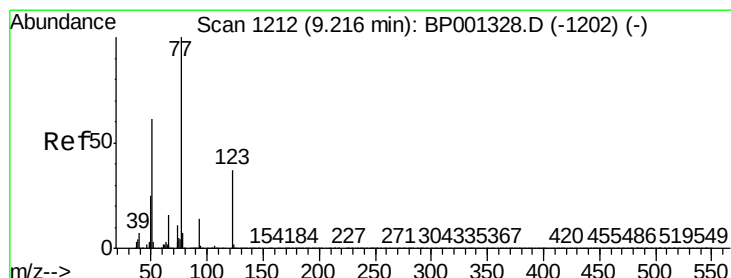
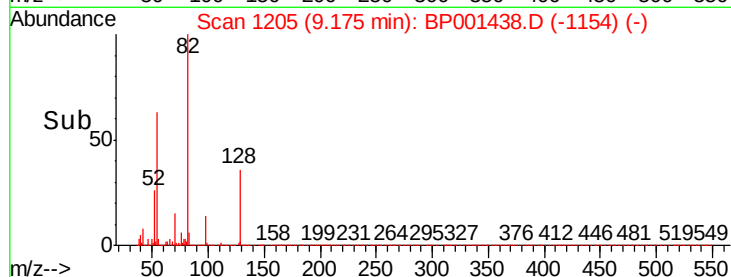
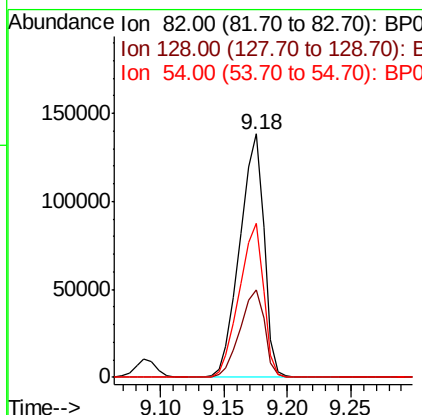
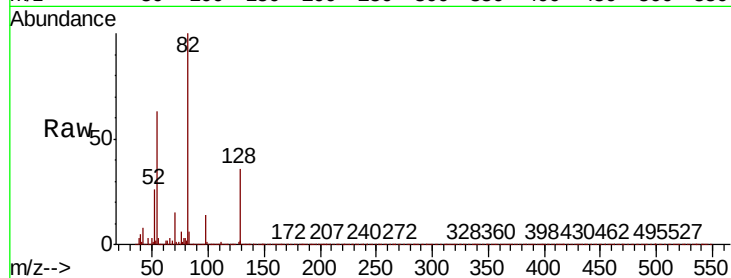




#23
 Nitrobenzene-d5
 Concen: 73.742 ng
 RT: 9.18 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BP001438.D
 Acq: 27 Dec 2019 01:26

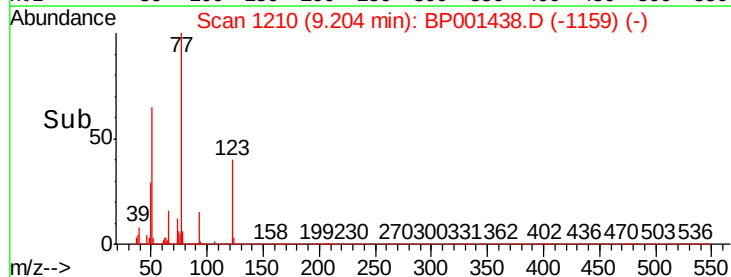
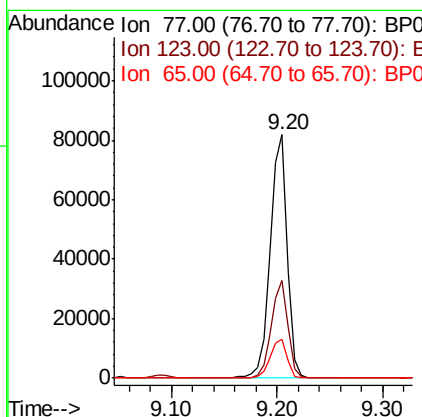
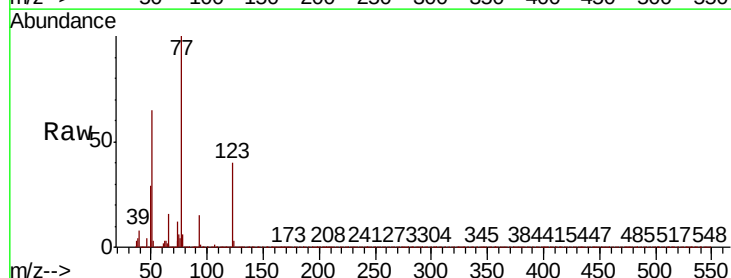
Instrument :
 BNA_P
 ClientSampleId :

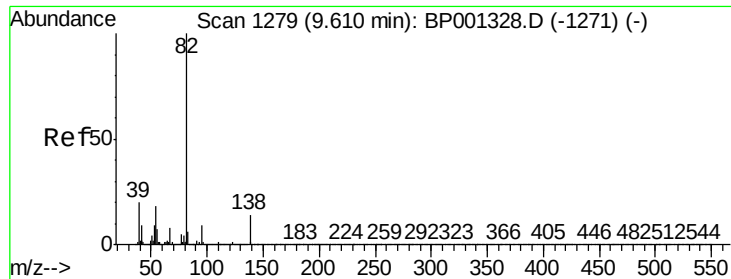
Tot Ion	82	Resp	183035
Ion Ratio	100	Lower	Upper
128	36.1	27.4	41.0
54	63.4	47.5	71.3



#24
 Nitrobenzene
 Concen: 36.818 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BP001438.D
 Acq: 27 Dec 2019 01:26

Tgt Ion	77	Resp	89946
Ion Ratio	100	Lower	Upper
123	40.3	30.9	46.3
65	16.1	13.0	19.4

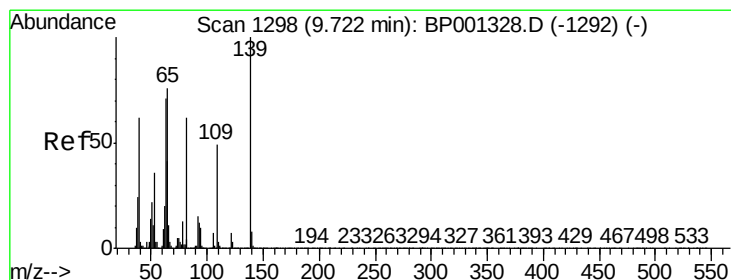
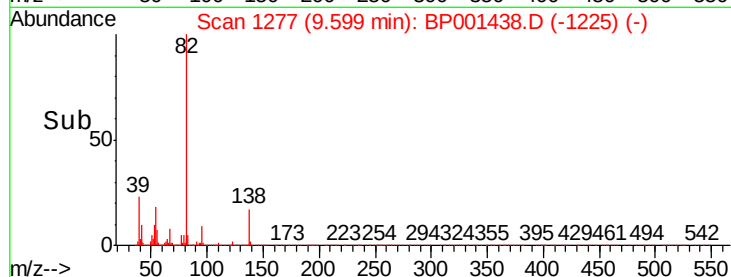
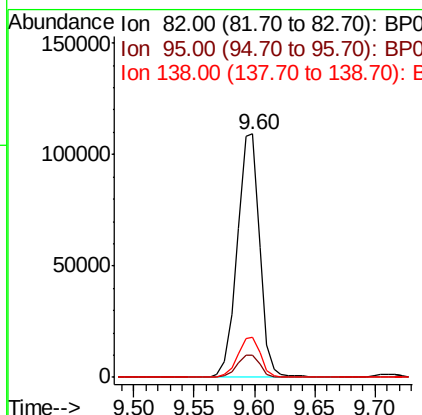
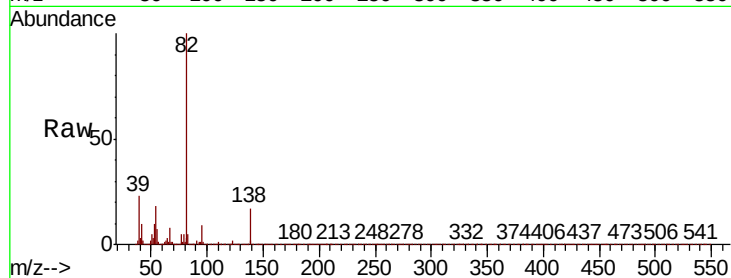




#25
Isophorone
Concen: 35.721 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

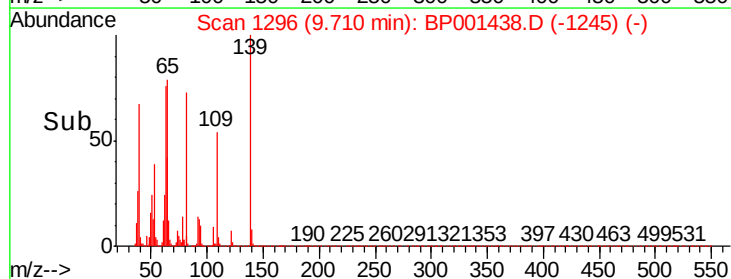
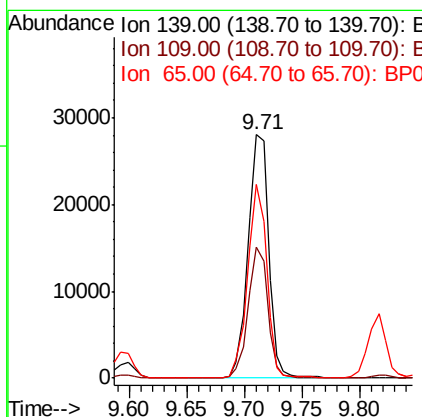
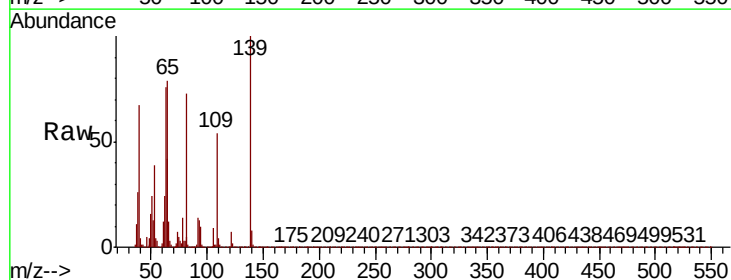
Instrument :
BNA_P
ClientSampled :

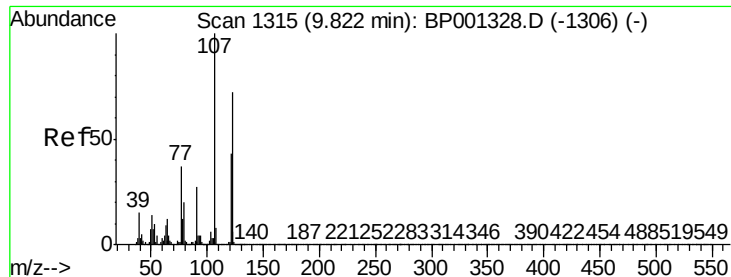
Tot Ion	82	Resp	142564
Ion Ratio	Lower	Upper	
82	100		
95	9.0	7.3	10.9
138	16.7	11.9	17.9



#26
2-Nitrophenol
Concen: 40.214 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	139	Resp	35031
Ion Ratio	Lower	Upper	
139	100		
109	54.0	40.5	60.7
65	79.3	56.2	84.4





#27

2,4-Dimethylphenol

Concen: 39.337 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

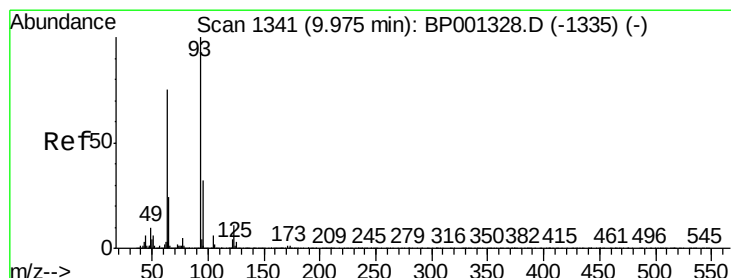
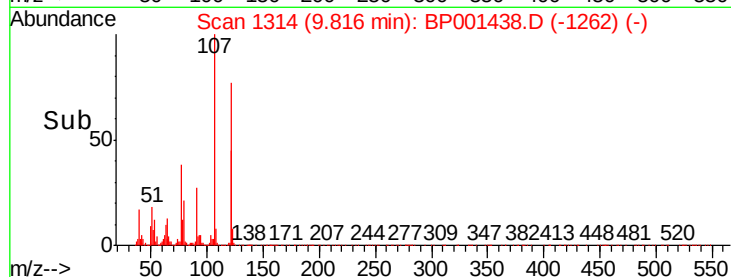
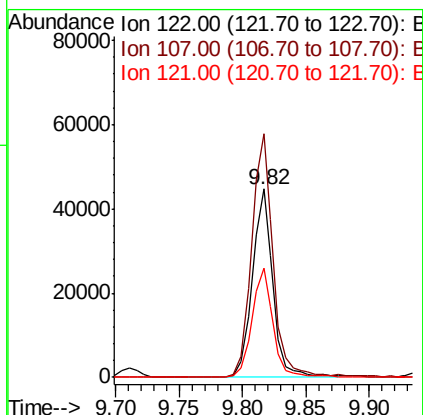
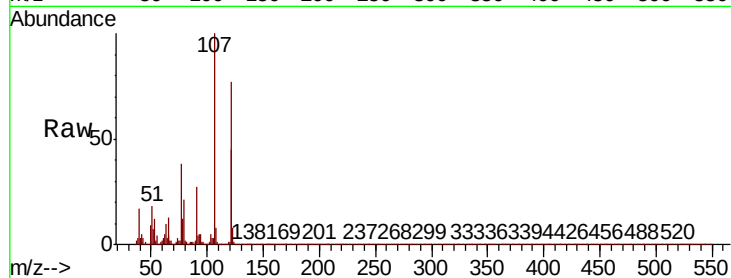
Tot Ion:122 Resp: 50400

Ion Ratio Lower Upper

122 100

107 129.5 106.5 159.7

121 58.2 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 35.803 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

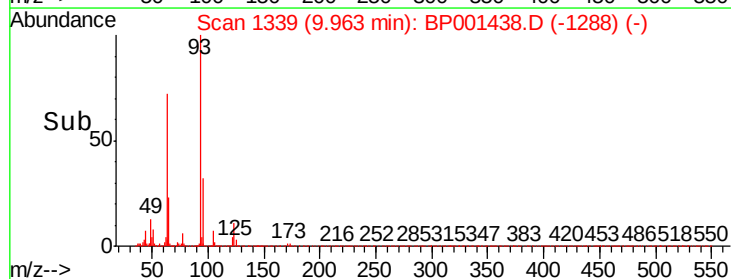
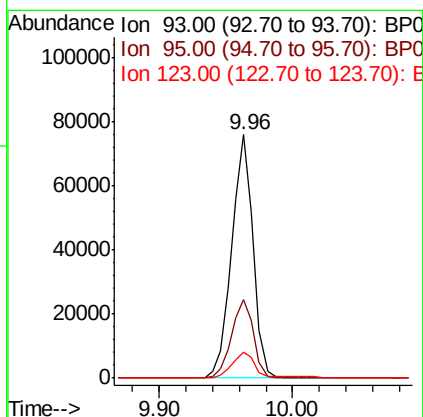
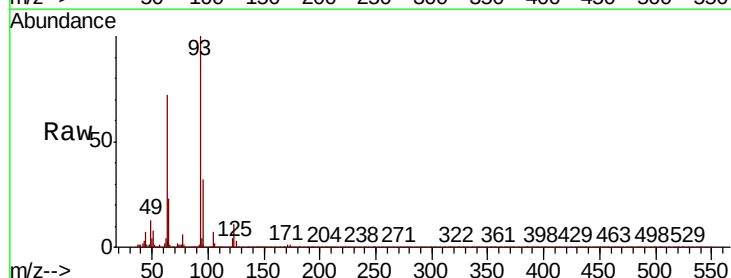
Tgt Ion: 93 Resp: 85344

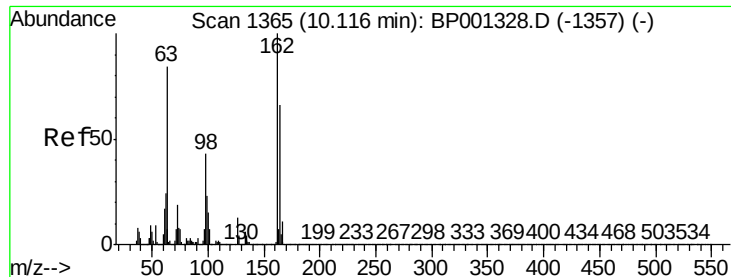
Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 10.6 9.0 13.6

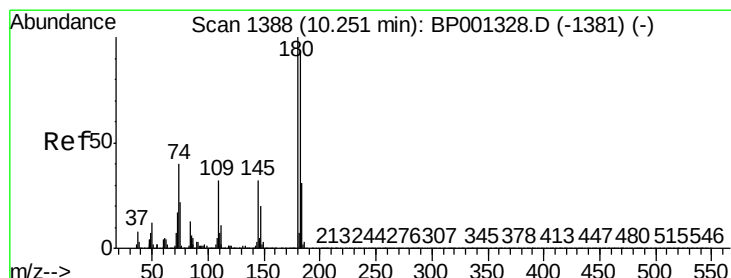
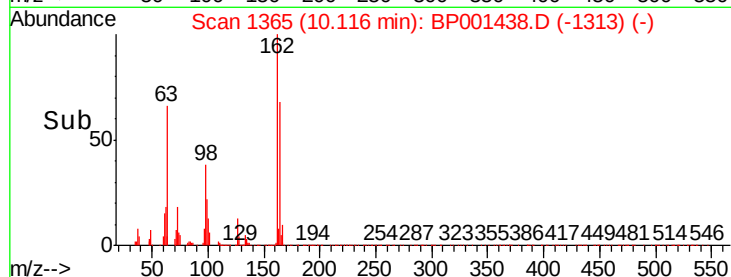
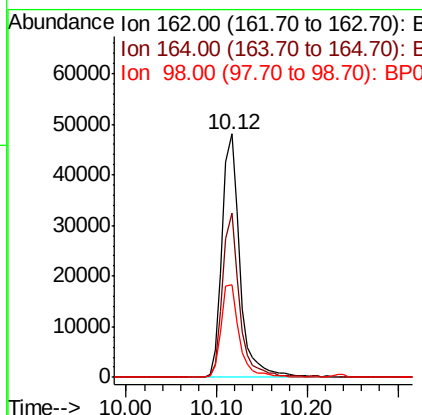
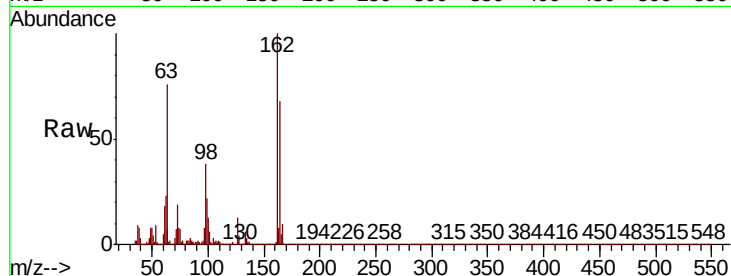




#29
2,4-Dichlorophenol
Concen: 41.151 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

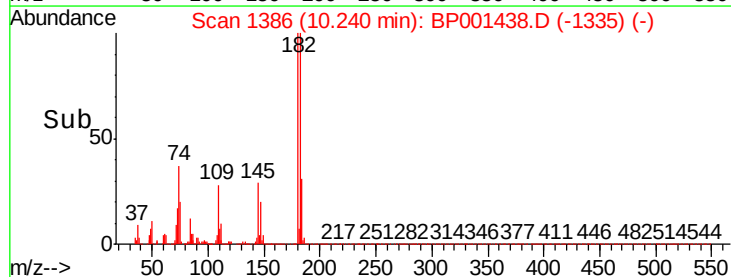
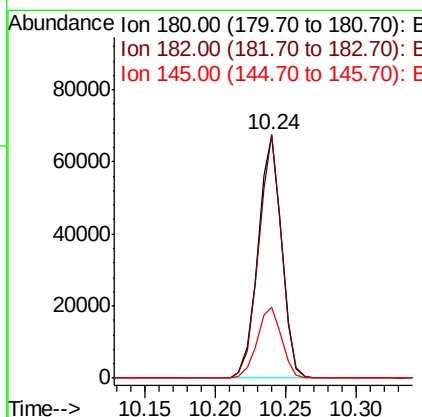
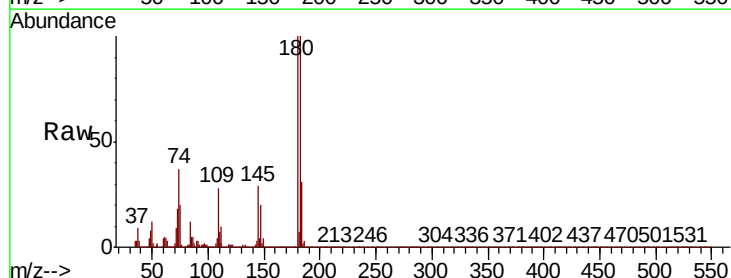
Instrument :
BNA_P
ClientSampleId :

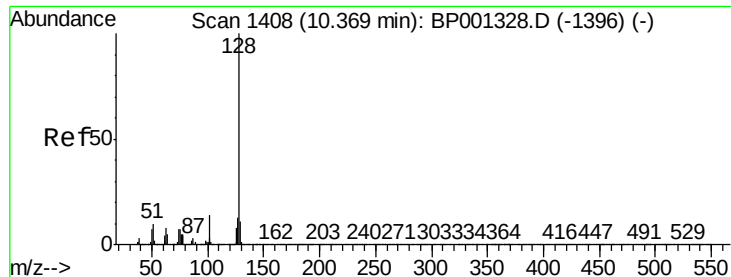
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	44.8	84.8
98	38.1	18.5	58.5



#30
1,2,4-Trichlorobenzene
Concen: 40.688 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	79.3	118.9
145	29.3	23.1	34.7

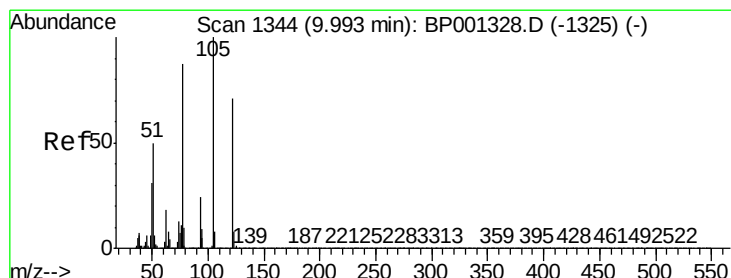
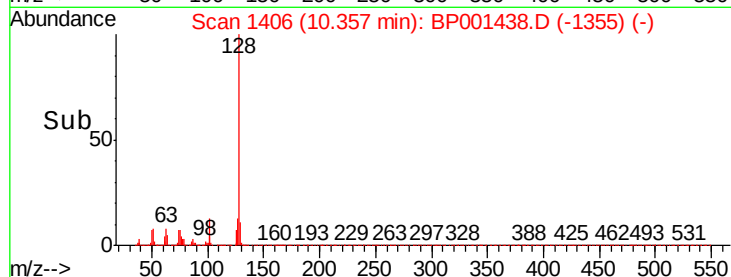
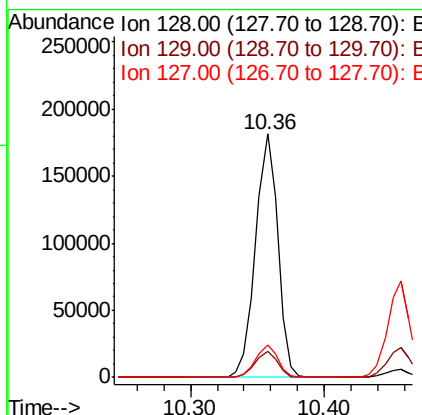
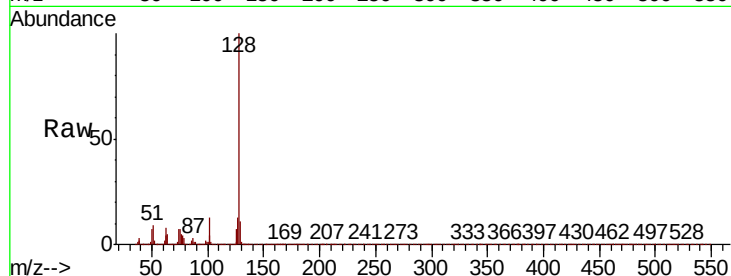




#31
Naphthalene
Concen: 39.828 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

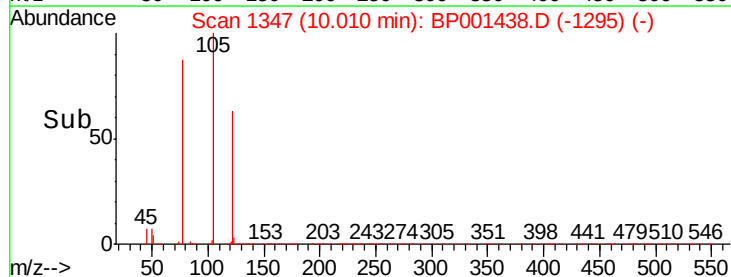
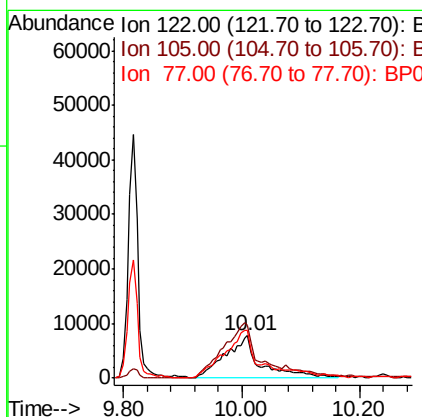
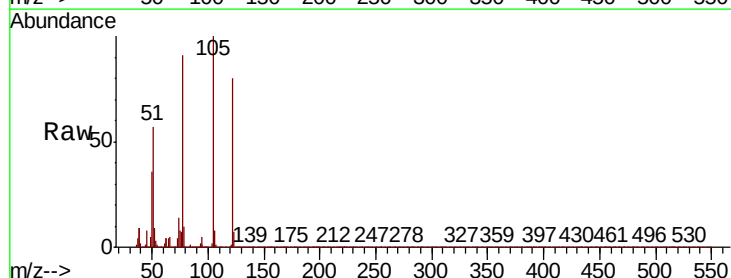
Instrument :
BNA_P
ClientSampled :

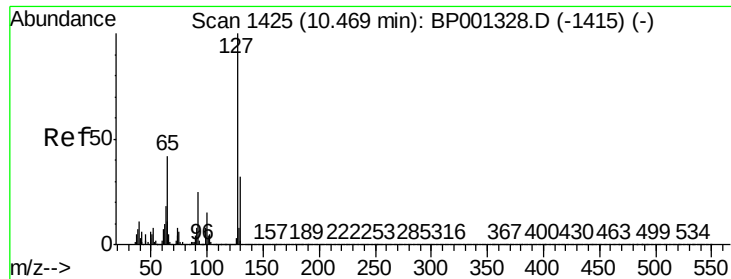
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.1	11.0	16.6



#32
Benzoic acid
Concen: 32.133 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	117.8	157.8
77	114.3	85.6	125.6

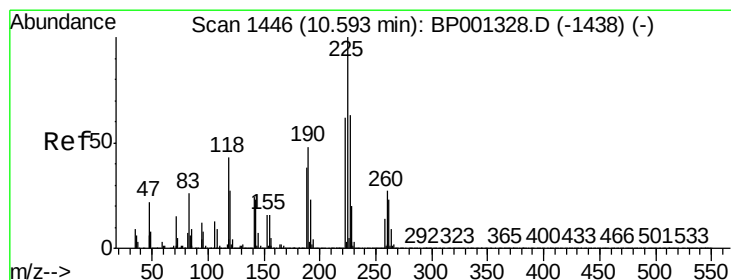
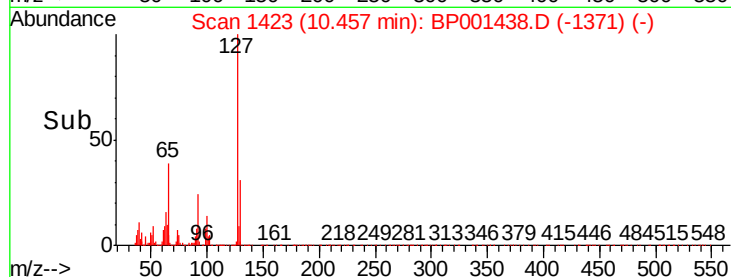
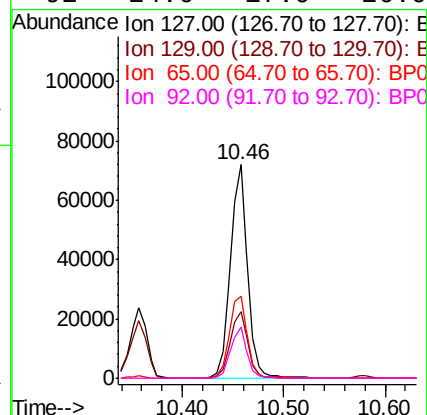
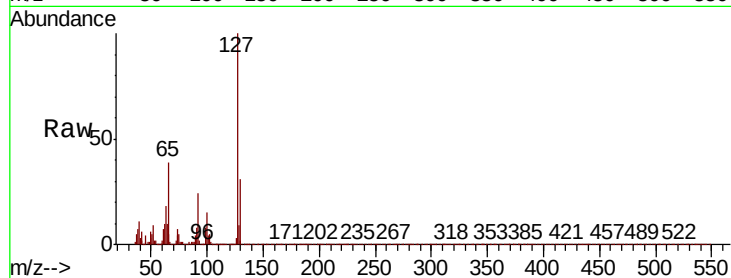




#33
4-Chloroaniline
Concen: 39.665 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

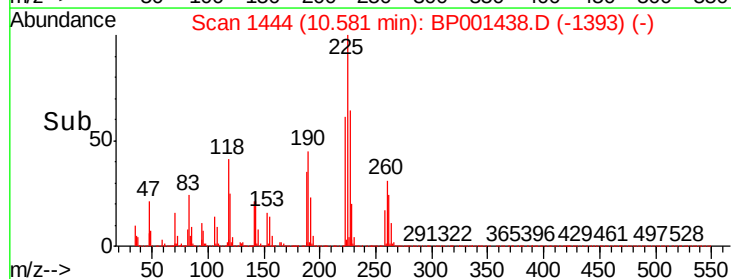
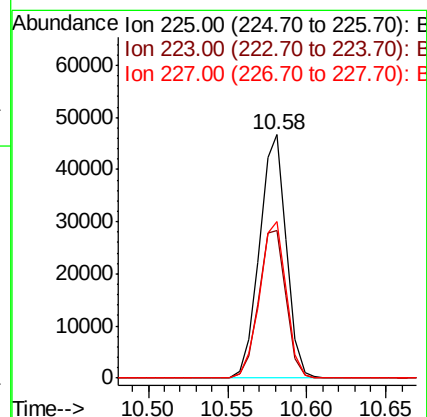
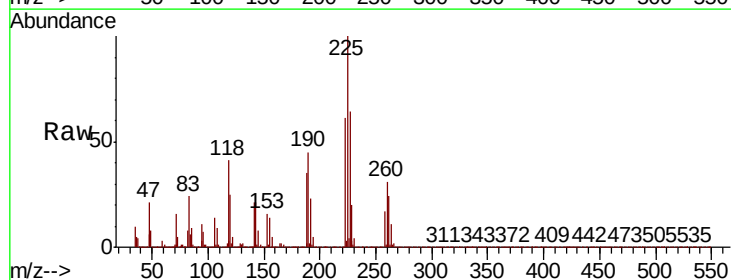
Instrument :
BNA_P
ClientSampleId :

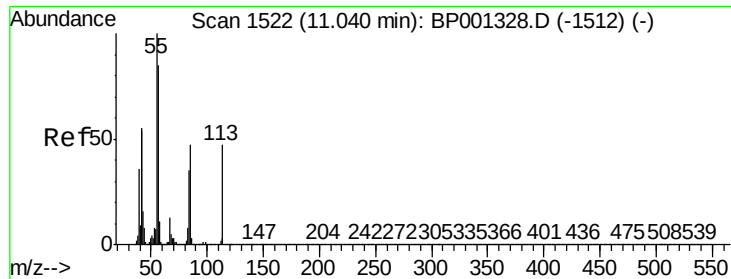
Tot Ion:	127	Resp:	84399
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	38.6	33.9	50.9
92	24.0	17.9	26.9



#34
Hexachlorobutadiene
Concen: 40.240 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:	225	Resp:	54770
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.4	77.0
227	64.1	57.0	85.4

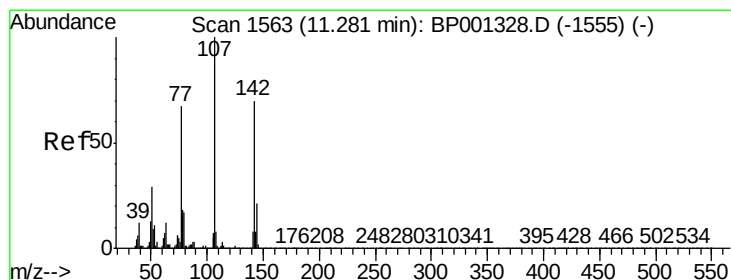
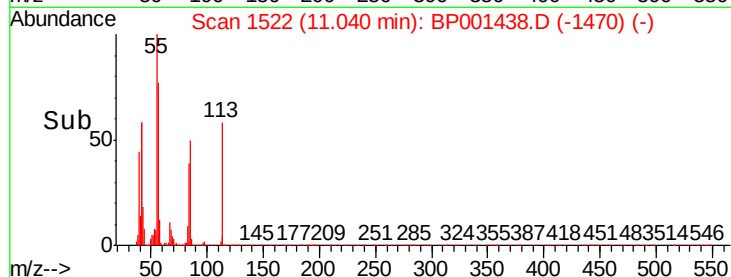
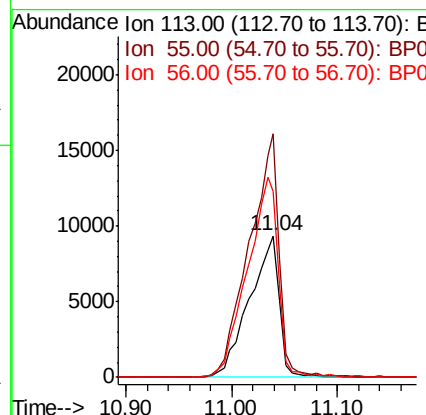
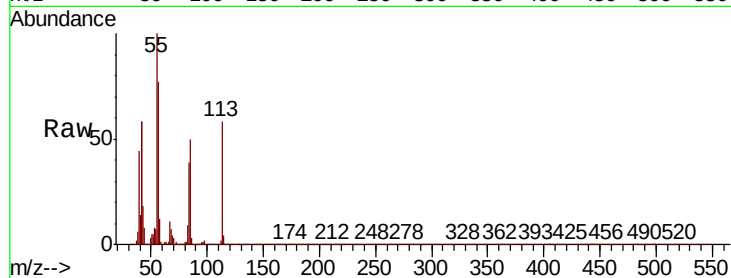




#35
Caprolactam
Concen: 39.116 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

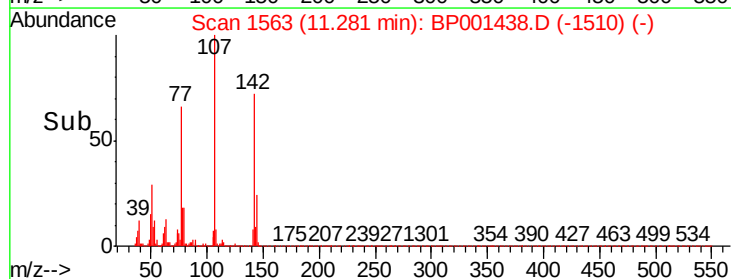
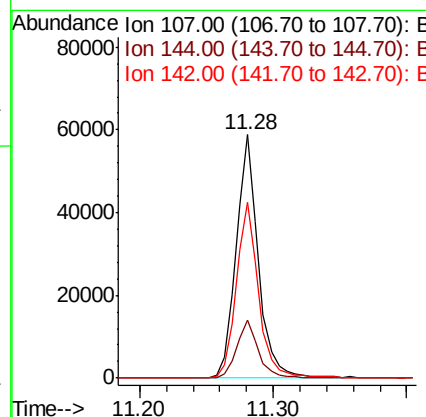
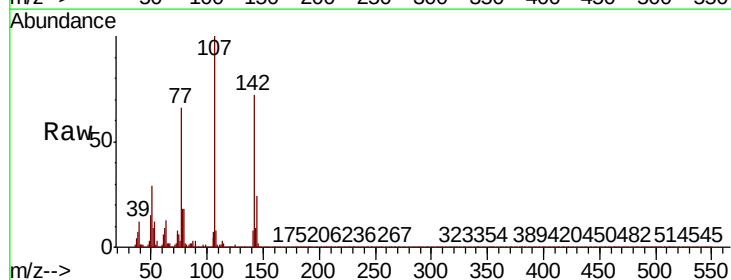
Instrument :
BNA_P
ClientSampleId :

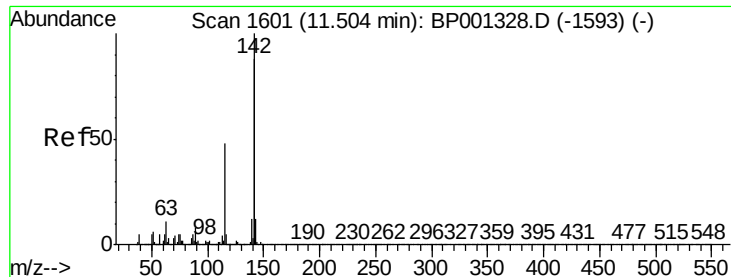
Tot Ion:113 Resp: 18465
Ion Ratio Lower Upper
113 100
55 172.3 164.2 204.2
56 132.0 130.8 170.8



#36
4-Chloro-3-methylphenol
Concen: 36.966 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:107 Resp: 68532
Ion Ratio Lower Upper
107 100
144 23.9 17.8 26.8
142 72.2 56.2 84.4

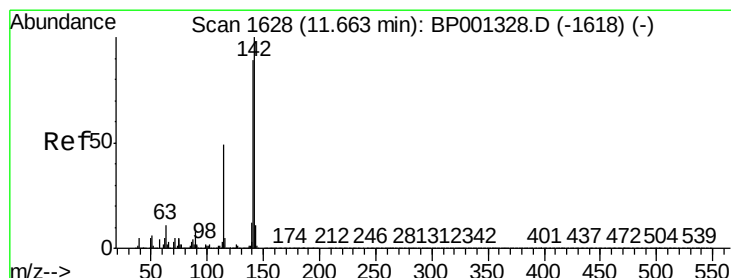
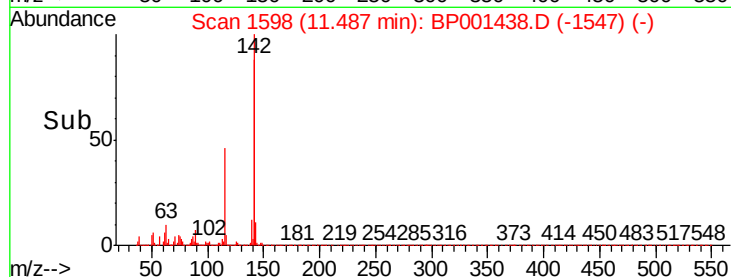
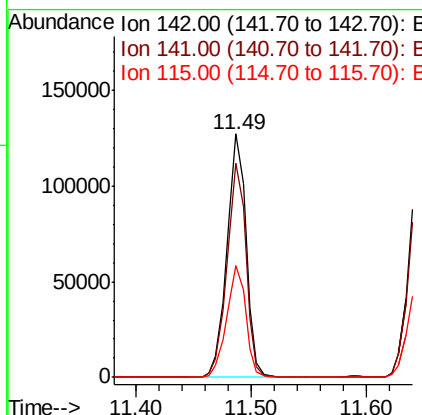
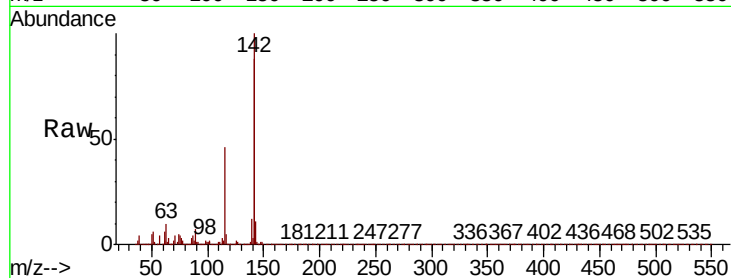




#37
2-Methylnaphthalene
Concen: 40.782 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

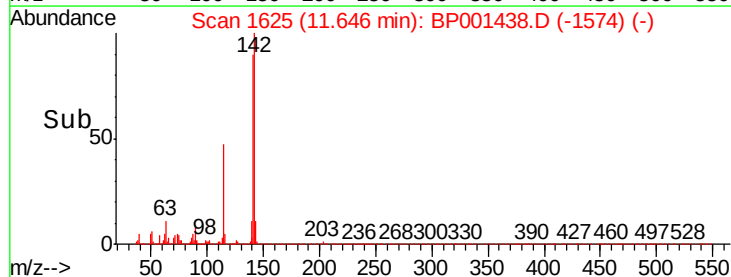
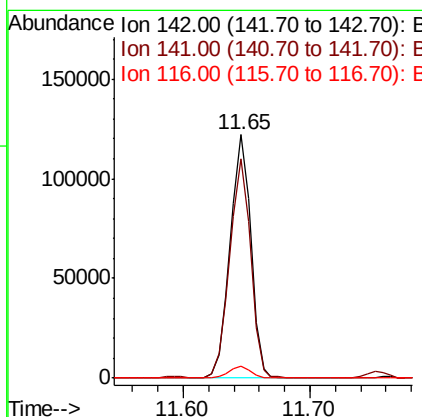
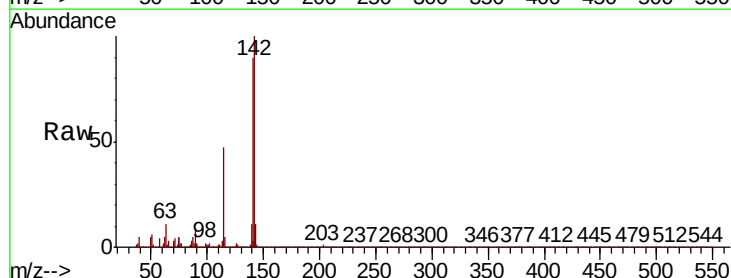
Instrument :
BNA_P
ClientSampleId :

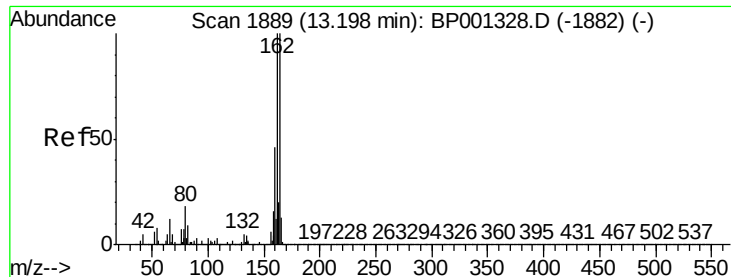
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.2
115	45.8	37.0	55.4



#38
1-Methylnaphthalene
Concen: 40.800 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.9	109.3
116	5.1	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

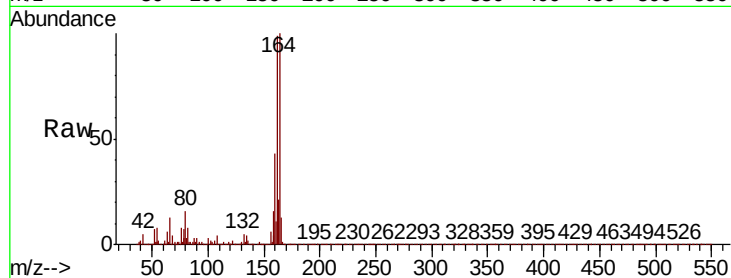
Tot Ion:164 Resp: 56795

Ion Ratio Lower Upper

164 100

162 98.6 78.2 117.4

160 43.1 35.1 52.7

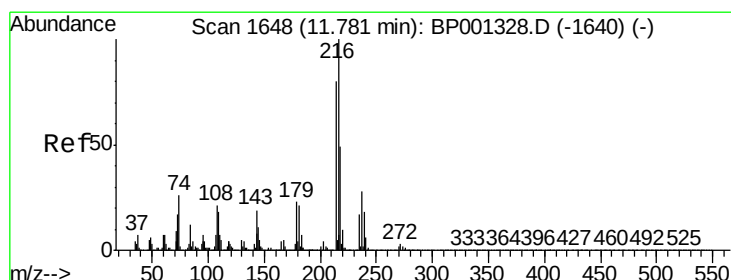
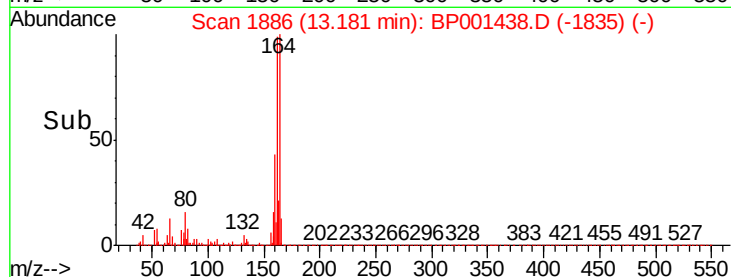
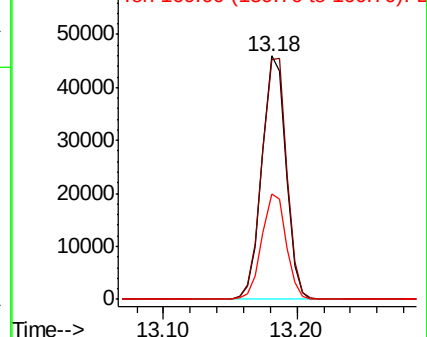


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.311 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Tgt Ion:216 Resp: 86754

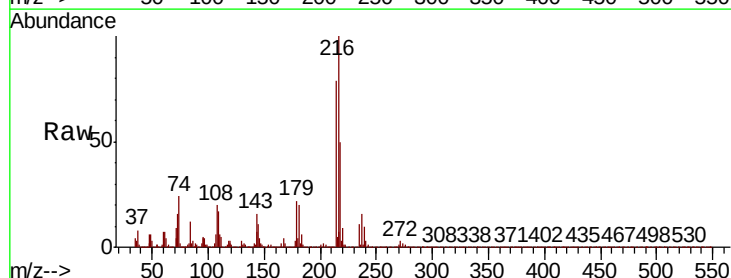
Ion Ratio Lower Upper

216 100

214 77.2 62.1 93.1

179 21.5 17.1 25.7

108 20.0 16.0 24.0



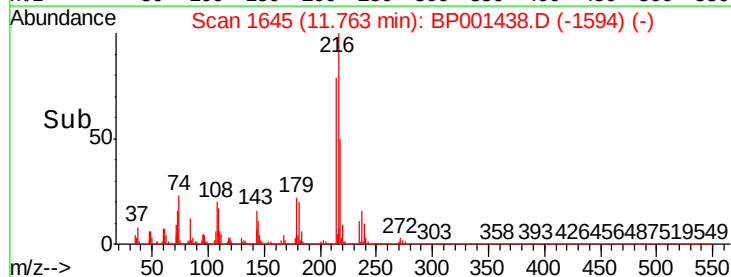
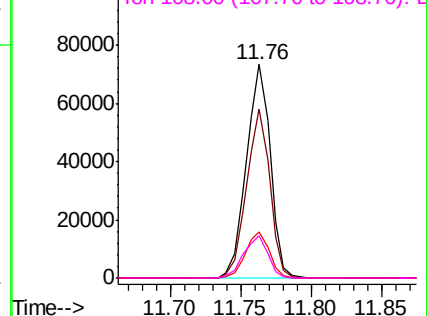
Abundance

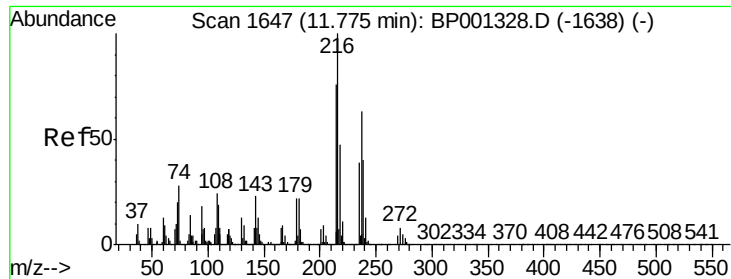
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

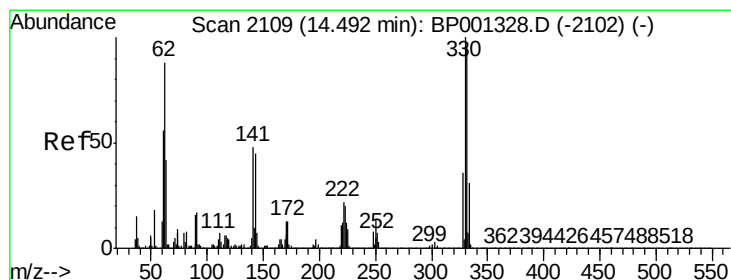
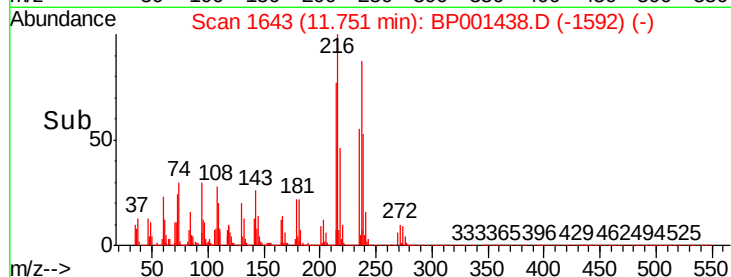
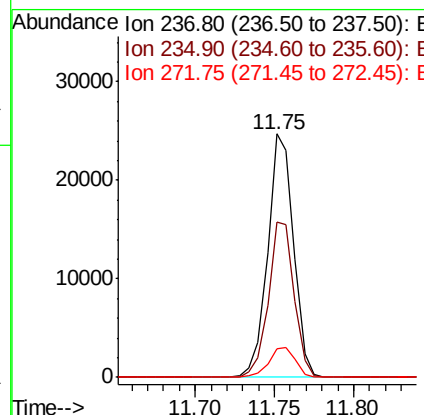
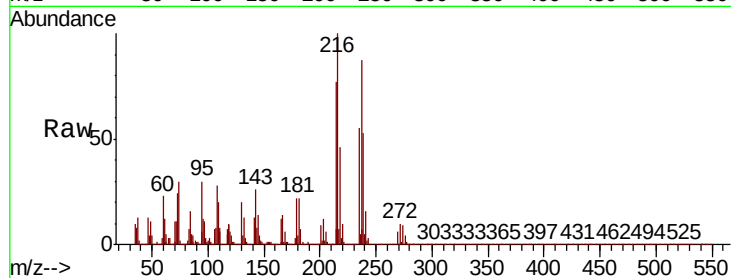




#41
Hexachlorocyclopentadiene
Concen: 27.142 ng
RT: 11.75 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

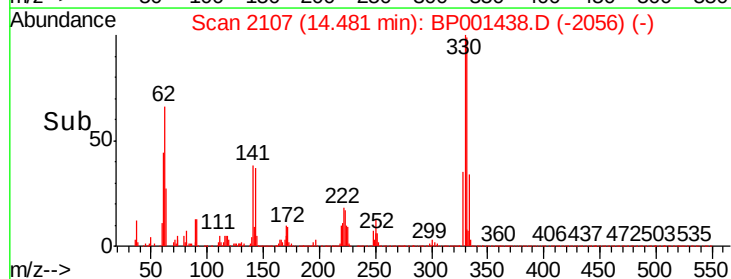
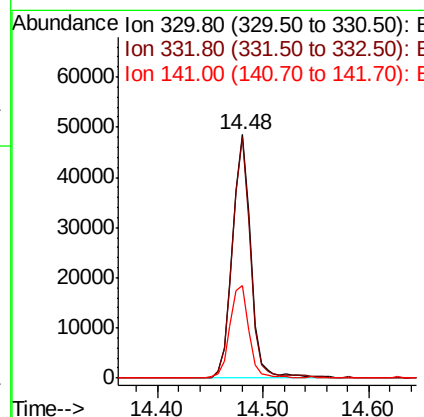
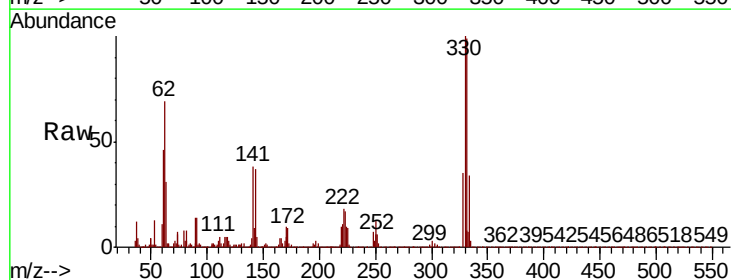
Instrument :
BNA_P
ClientSampleId :

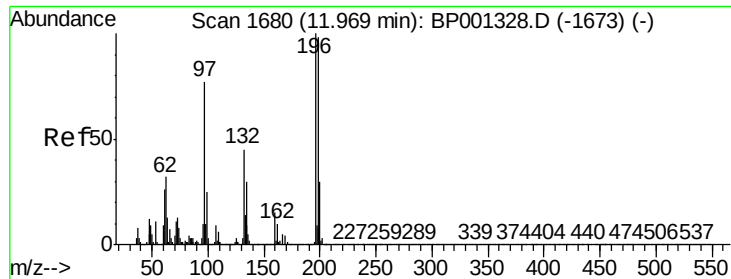
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.8	82.8
272	11.9	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 81.858 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.3	117.5
141	39.9	26.8	40.2

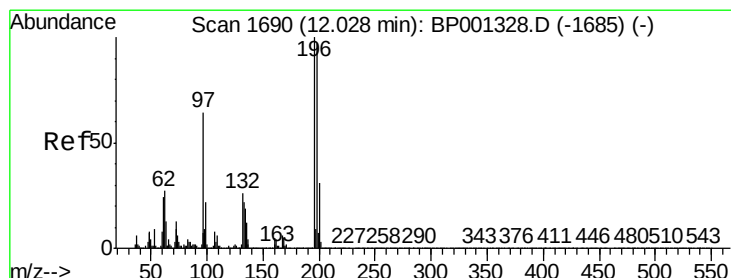
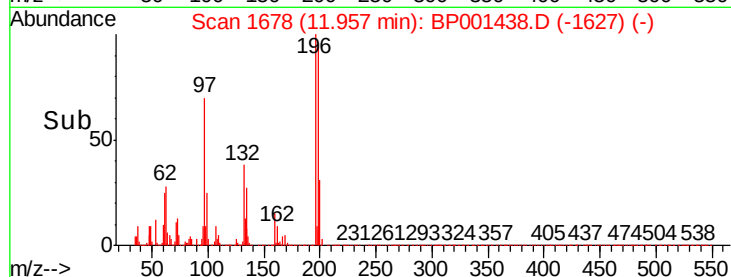
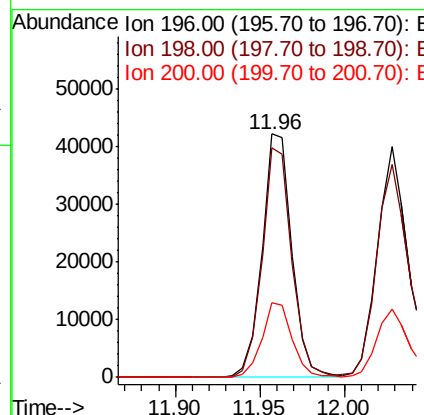
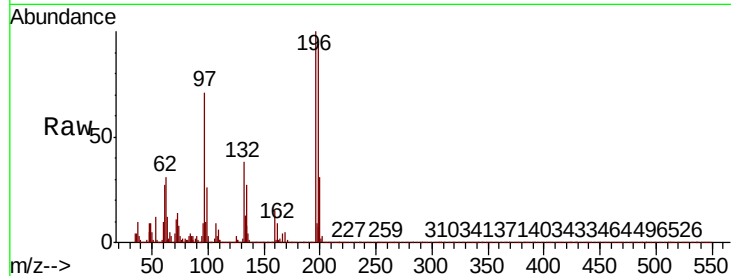




#43
 2,4,6-Trichlorophenol
 Concen: 40.030 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BP001438.D
 Acq: 27 Dec 2019 01:26

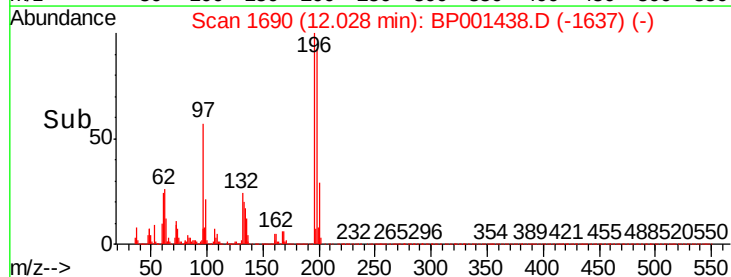
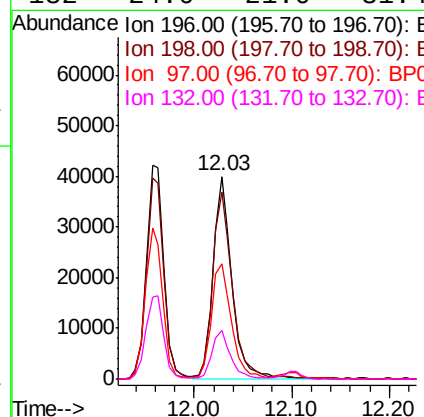
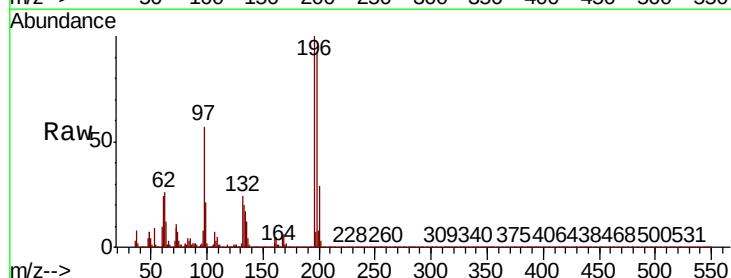
Instrument :
 BNA_P
 ClientSampleId :

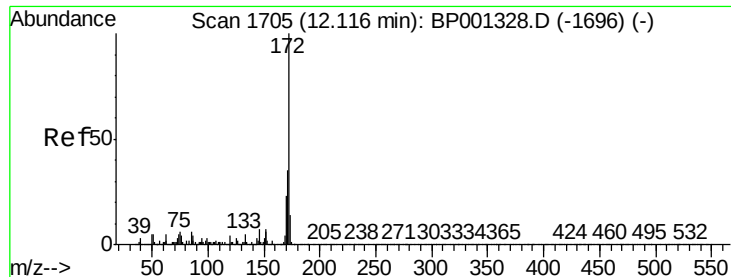
Tot Ion:196 Resp: 51699
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.2 115.8
 200 30.5 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 40.200 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BP001438.D
 Acq: 27 Dec 2019 01:26

Tgt Ion:196 Resp: 53344
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.8 113.6
 97 56.9 46.1 69.1
 132 24.0 21.0 31.4

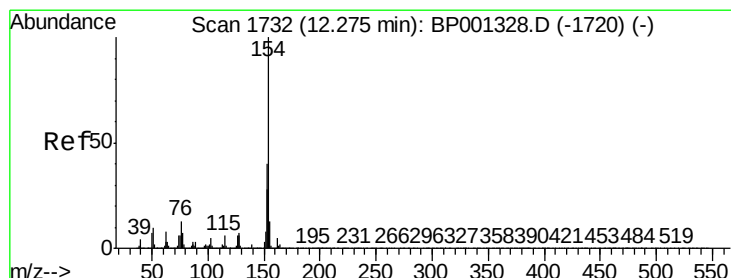
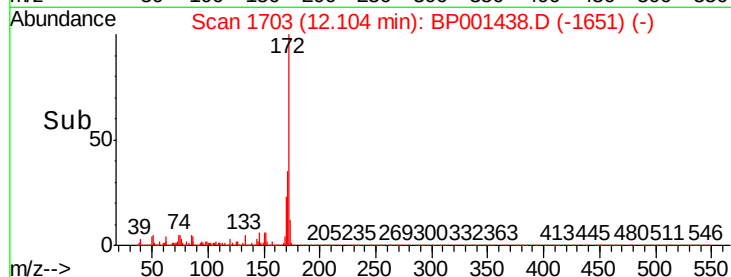
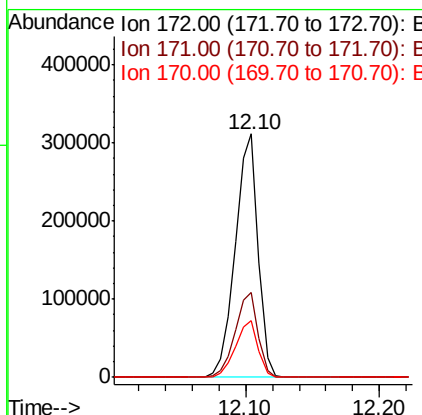
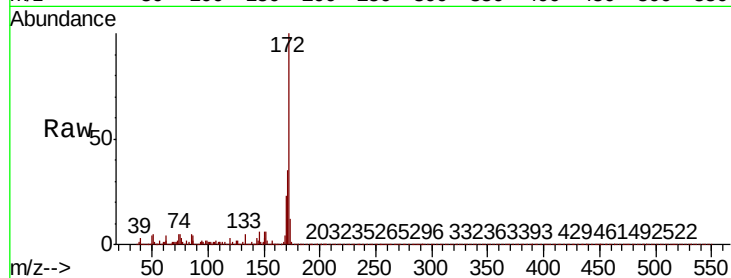




#45
2-Fluorobiphenyl
Concen: 82.465 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

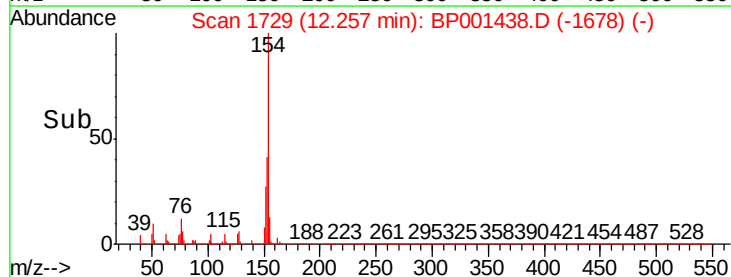
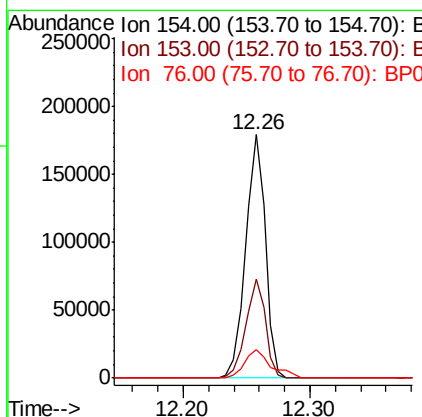
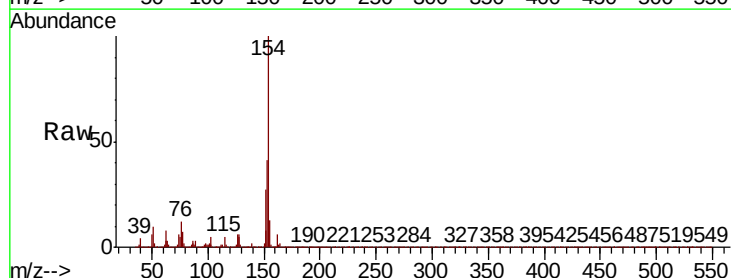
Instrument :
BNA_P
ClientSampleId :

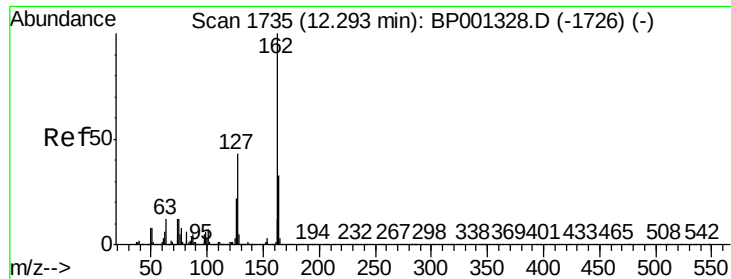
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.0
170	23.3	18.2	27.4



#46
1,1'-Biphenyl
Concen: 40.637 ng
RT: 12.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.5	59.5
76	11.9	0.0	31.5

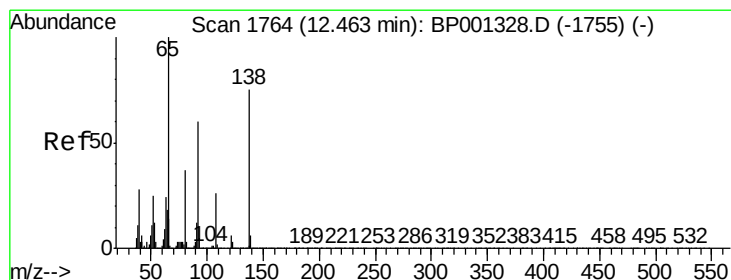
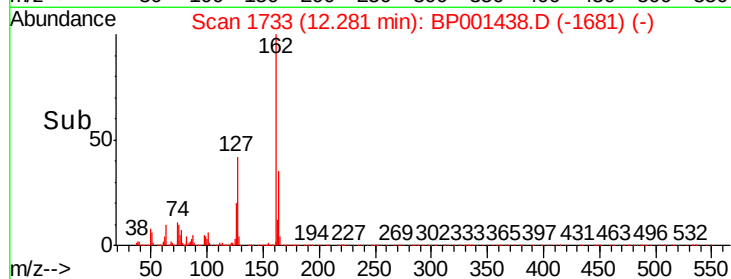
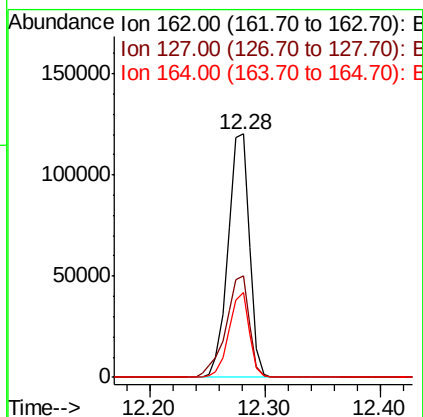
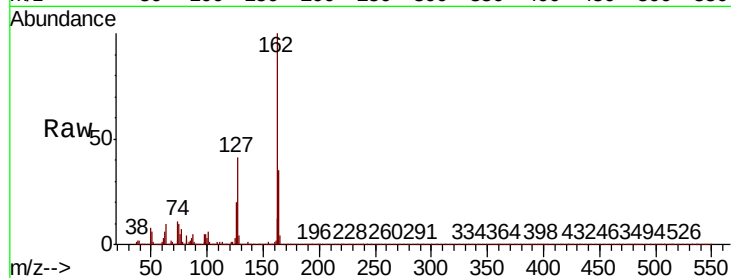




#47
2-Chloronaphthalene
Concen: 40.172 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

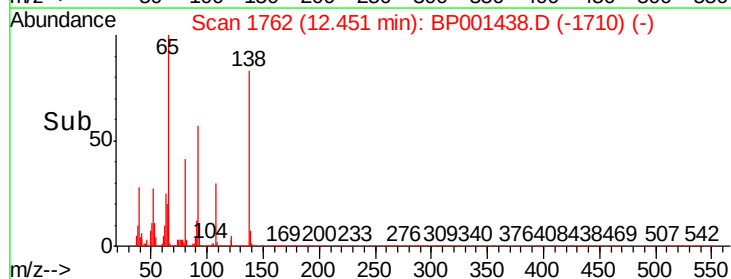
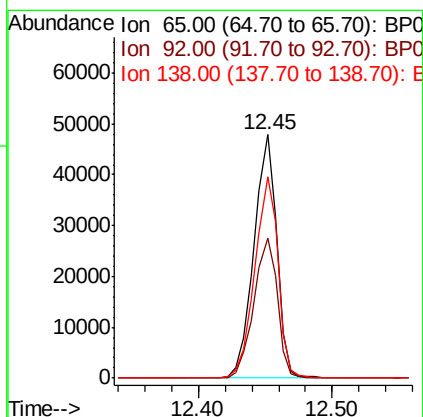
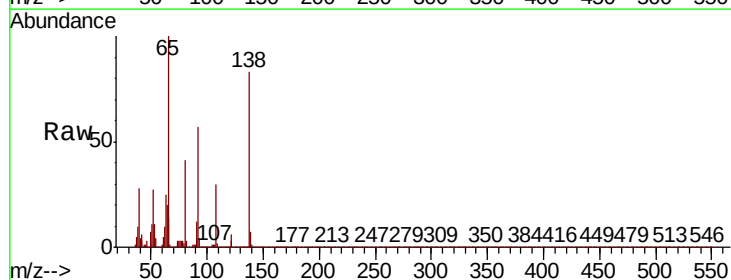
Instrument :
BNA_P
ClientSampleId :

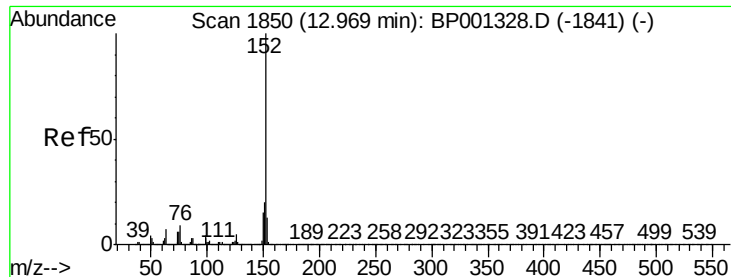
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.4	50.2
164	34.7	26.0	39.0



#48
2-Nitroaniline
Concen: 36.316 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.4	48.9	73.3
138	82.7	65.1	97.7





#49

Acenaphthylene

Concen: 39.500 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

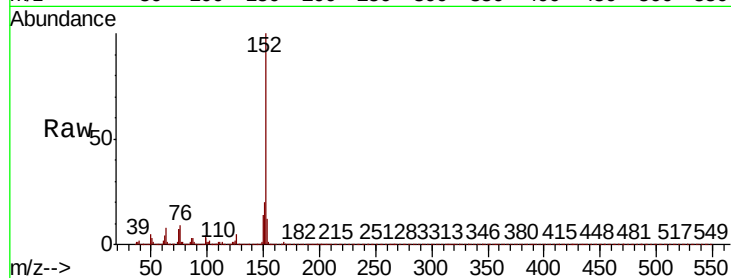
Instrument :

BNA_P

ClientSampled :

Tot Ion:152 Resp: 221857

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.4	10.3	15.5

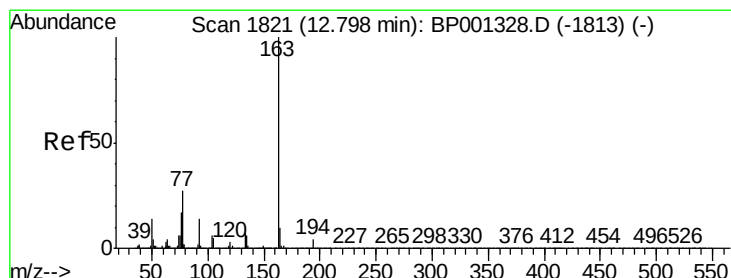
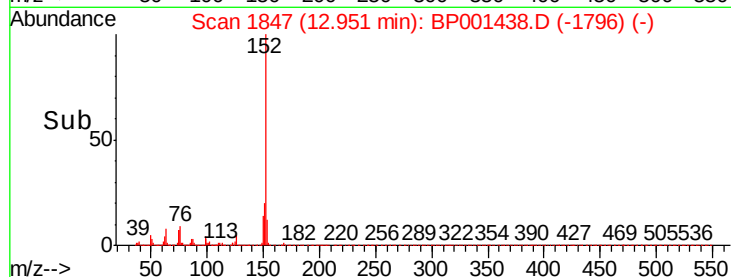
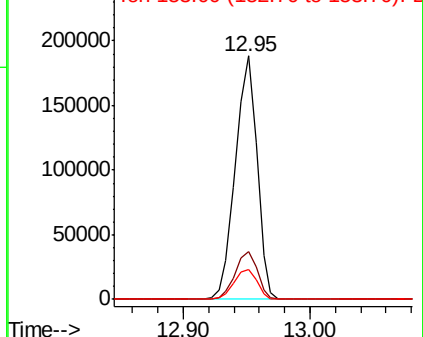


Abundance

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: 38.535 ng

RT: 12.78 min Scan# 1818

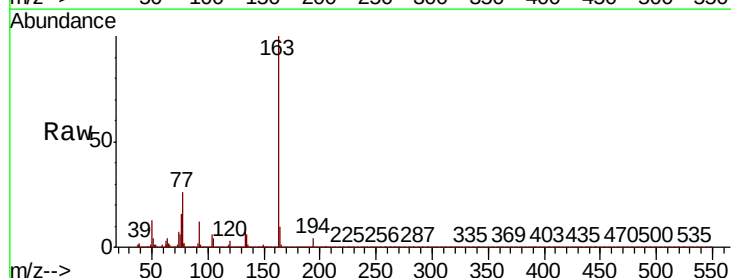
Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Tgt Ion:163 Resp: 179549

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.0	7.7	11.5

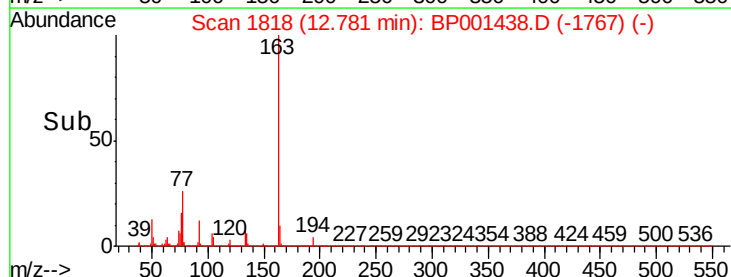
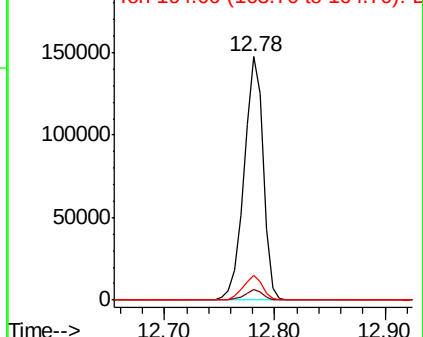


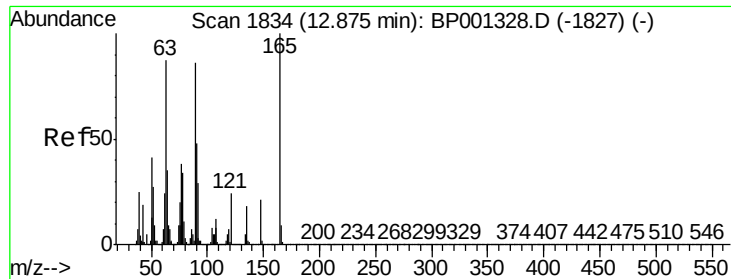
Abundance

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

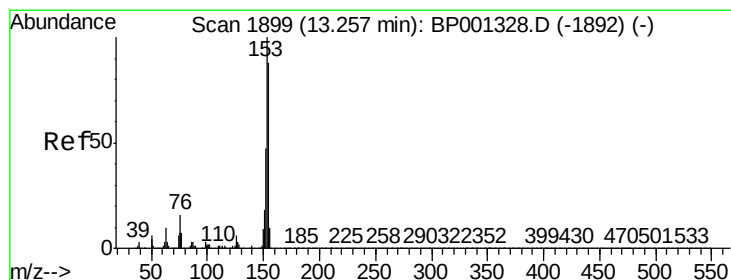
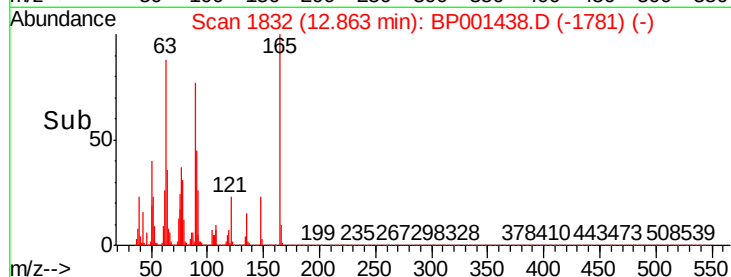
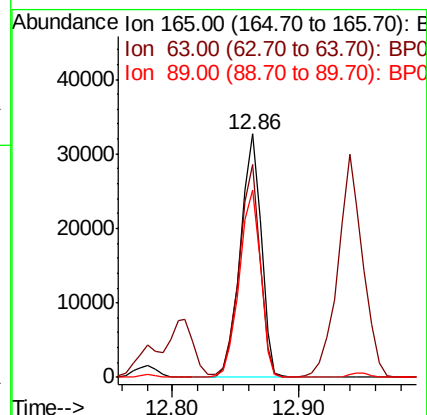
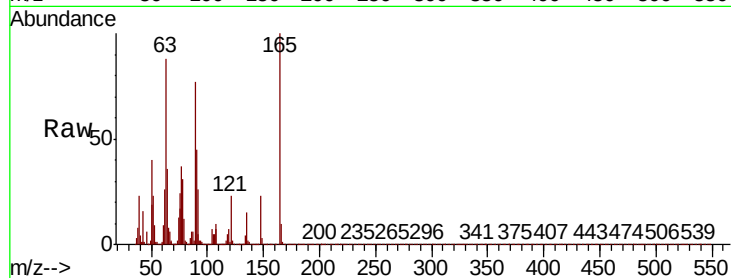




#51
2,6-Dinitrotoluene
Concen: 38.983 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

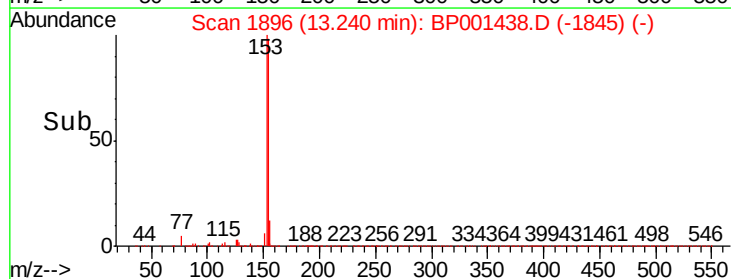
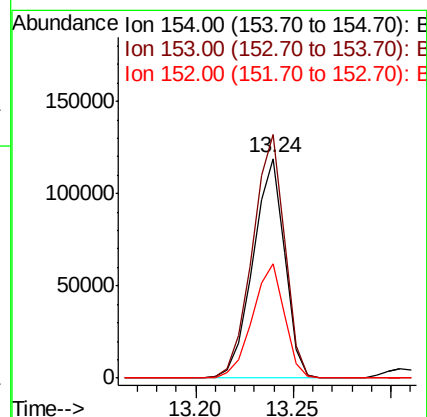
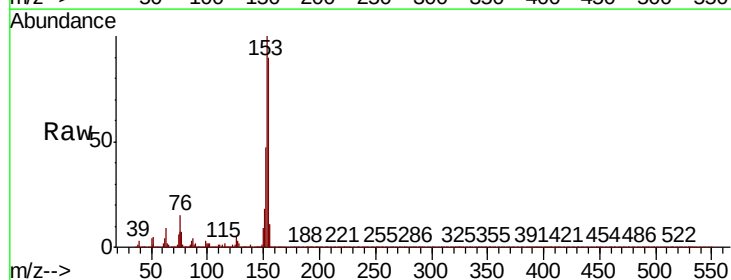
Instrument :
BNA_P
ClientSampleId :

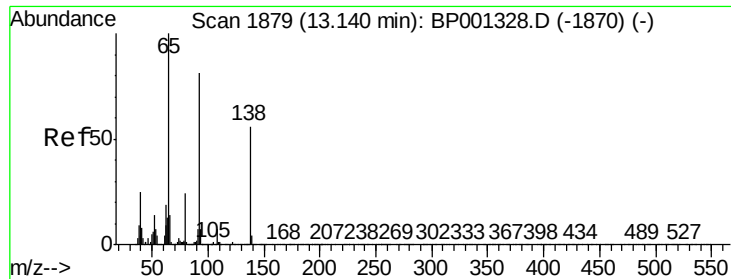
Tot Ion:165 Resp: 36882
Ion Ratio Lower Upper
165 100
63 87.7 60.7 91.1
89 77.1 55.4 83.0



#52
Acenaphthene
Concen: 39.569 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:154 Resp: 133904
Ion Ratio Lower Upper
154 100
153 111.0 90.1 135.1
152 51.9 41.8 62.6

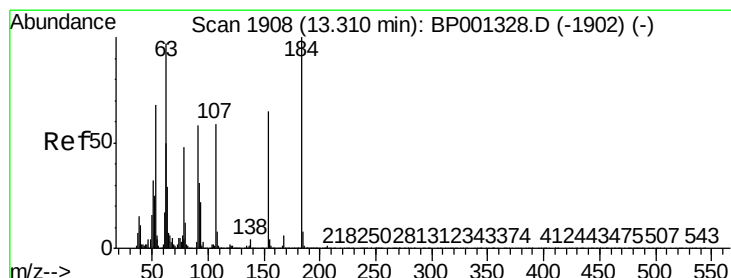
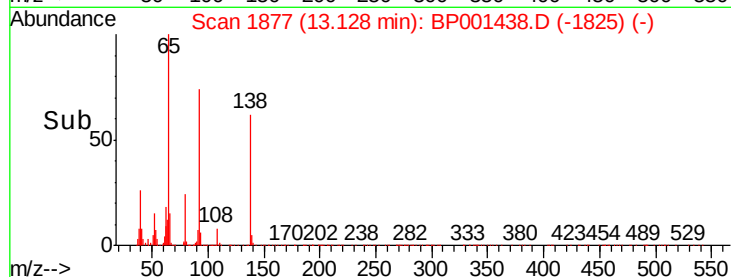
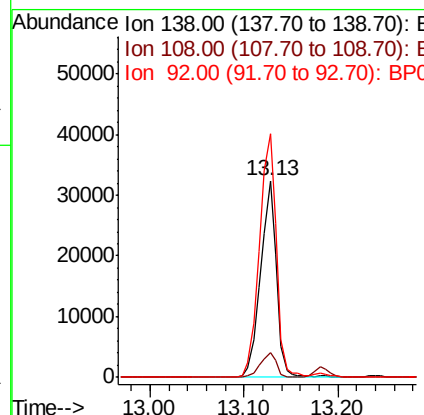
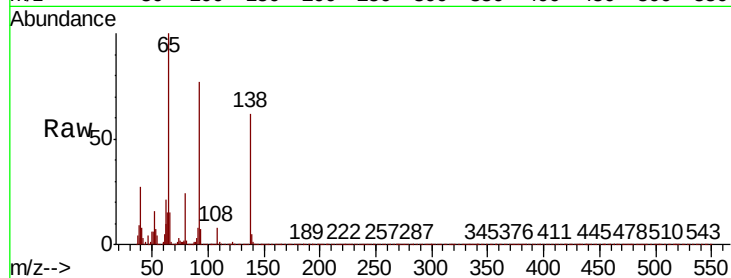




#53
3-Nitroaniline
Concen: 37.526 ng
RT: 13.13 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

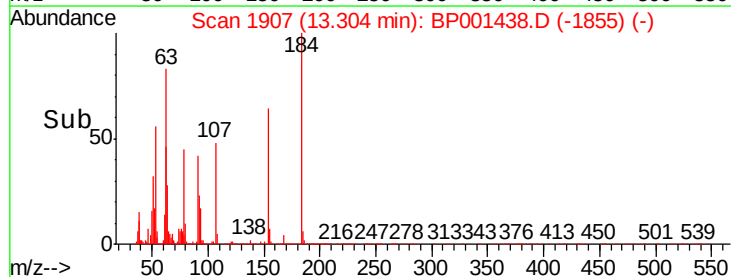
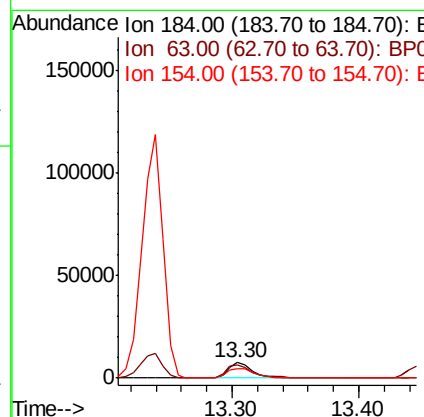
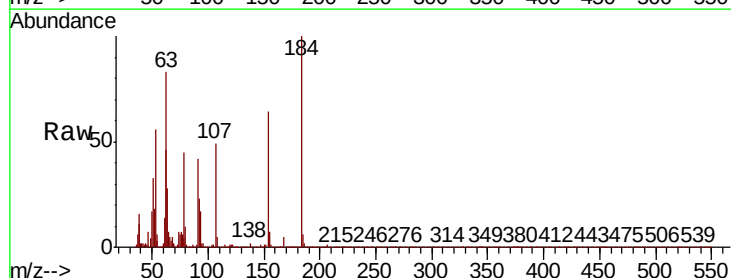
Instrument :
BNA_P
ClientSampled :

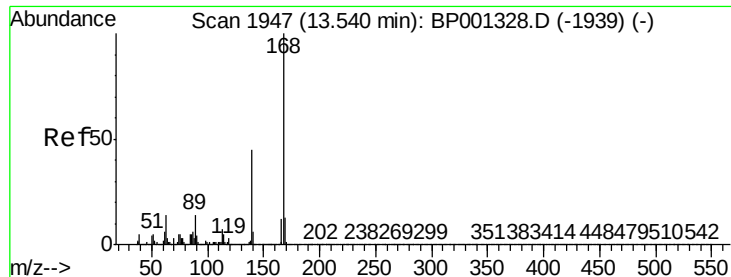
Tot Ion:138 Resp: 38107
Ion Ratio Lower Upper
138 100
108 12.4 10.0 15.0
92 123.8 108.8 163.2



#54
2,4-Dinitrophenol
Concen: 28.859 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:184 Resp: 10543
Ion Ratio Lower Upper
184 100
63 83.4 69.5 104.3
154 64.0 58.5 87.7

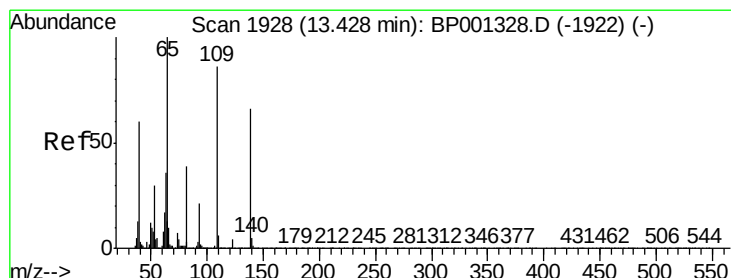
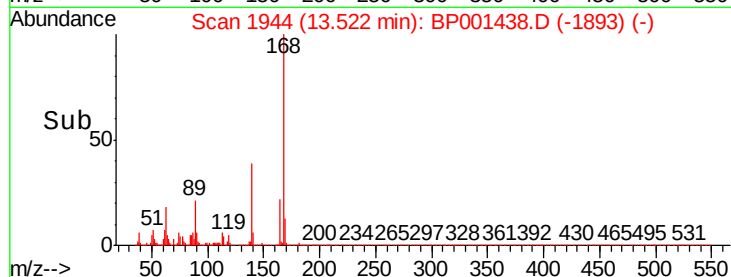
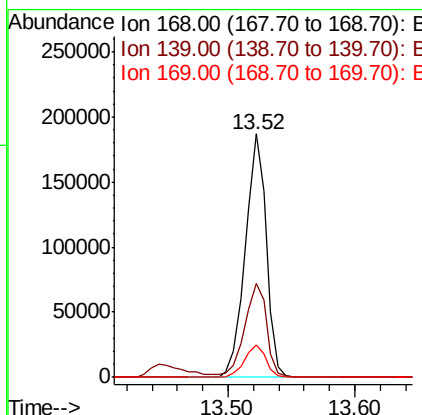
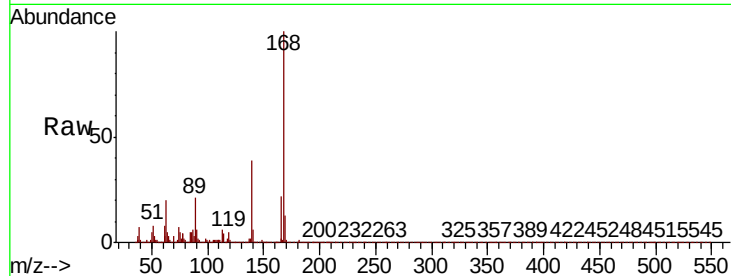




#55
Dibenzenofuran
Concen: 40.316 ng
RT: 13.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

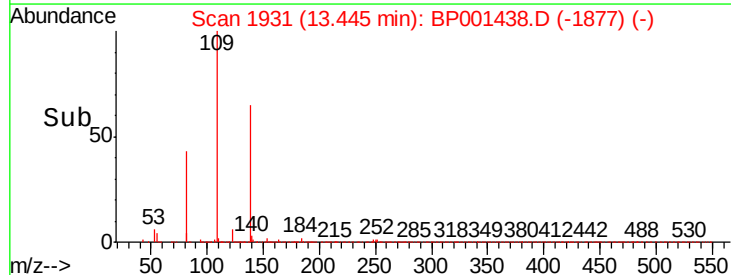
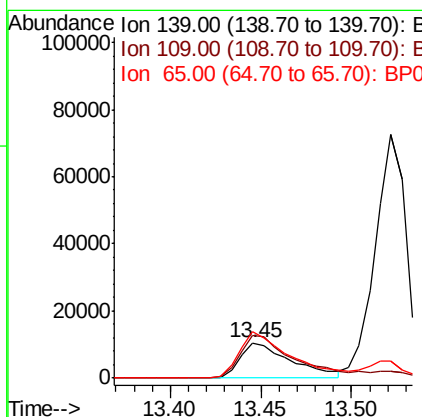
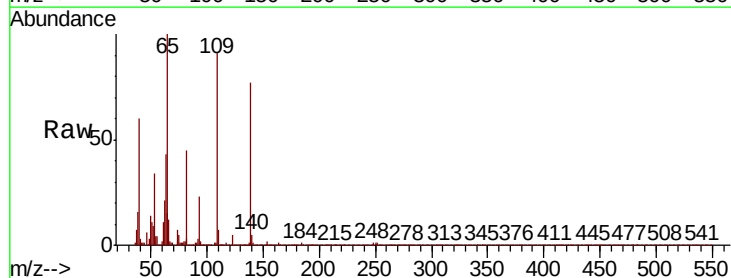
Instrument :
BNA_P
ClientSampleId :

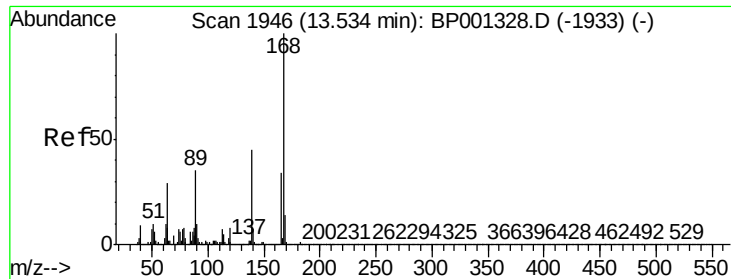
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	33.0	49.4
169	13.1	10.6	16.0



#56
4-Nitrophenol
Concen: 28.244 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	119.2	99.7	139.7
65	130.7	115.0	155.0

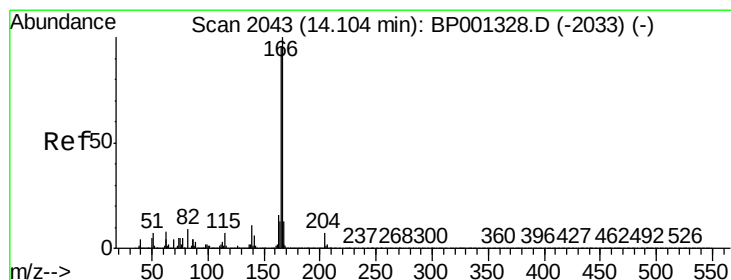
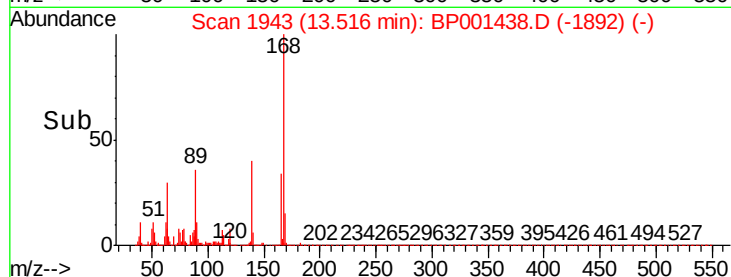
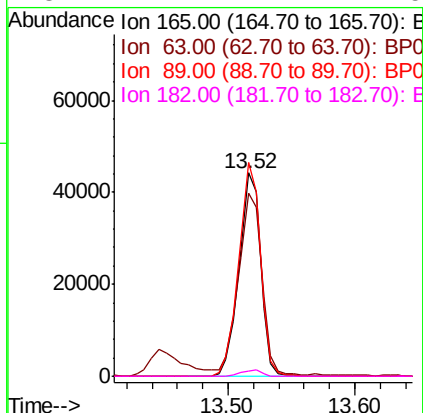
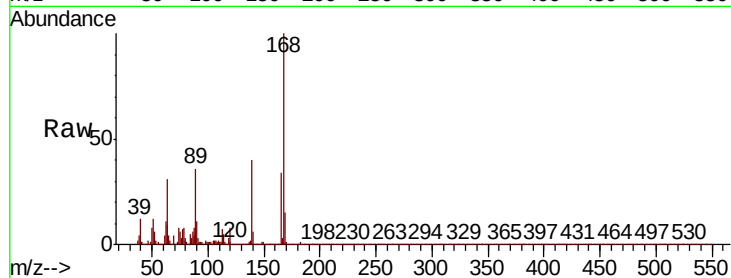




#57
2,4-Dinitrotoluene
Concen: 39.527 ng
RT: 13.52 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

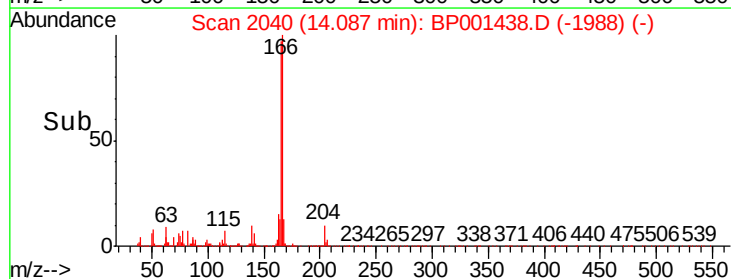
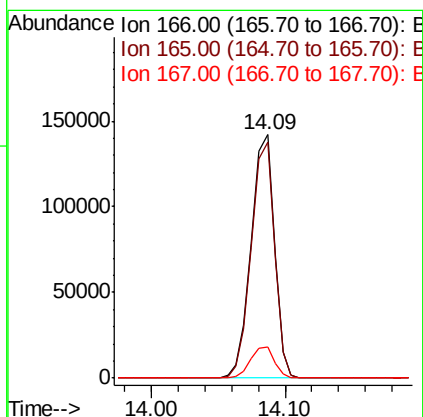
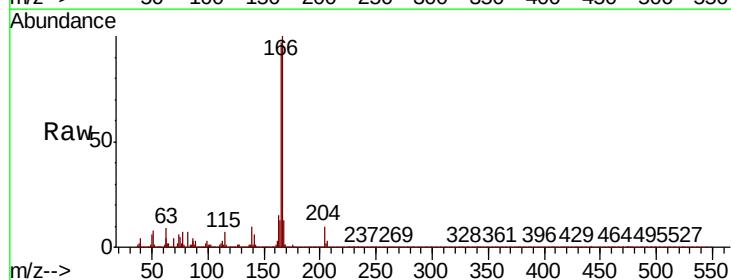
Instrument :
BNA_P
ClientSampleId :

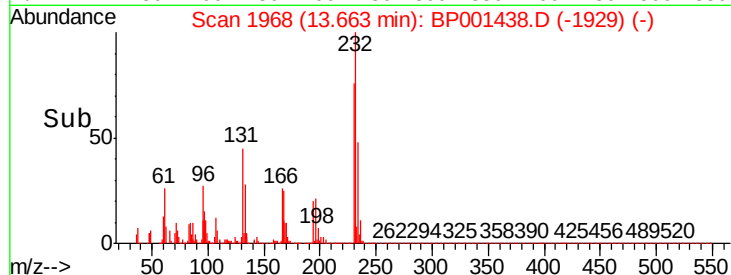
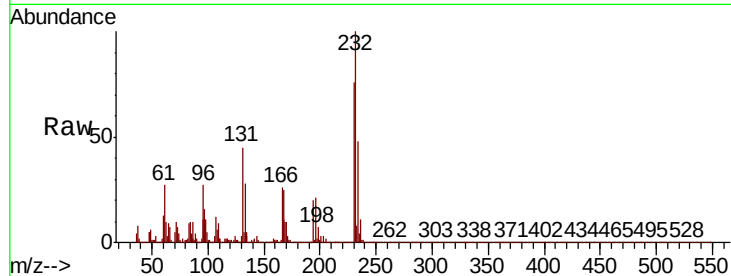
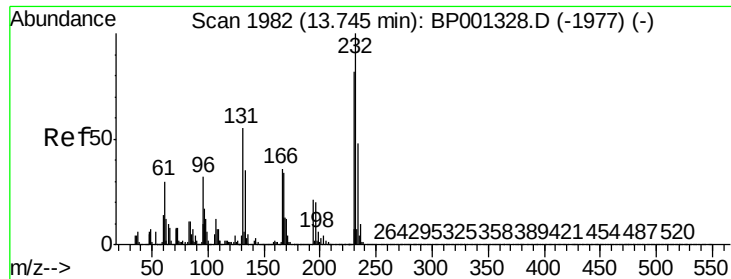
Tot Ion:165 Resp: 51977
Ion Ratio Lower Upper
165 100
63 90.2 66.6 100.0
89 105.0 79.5 119.3
182 2.7 1.7 2.5#



#58
Fluorene
Concen: 40.266 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:166 Resp: 170762
Ion Ratio Lower Upper
166 100
165 97.2 76.6 114.8
167 12.9 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.265 ng

RT: 13.66 min Scan# 1968

Delta R.T. -0.07 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampled :

Tot Ion:232 Resp: 40176

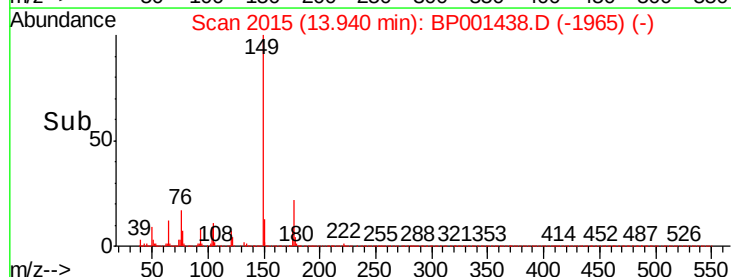
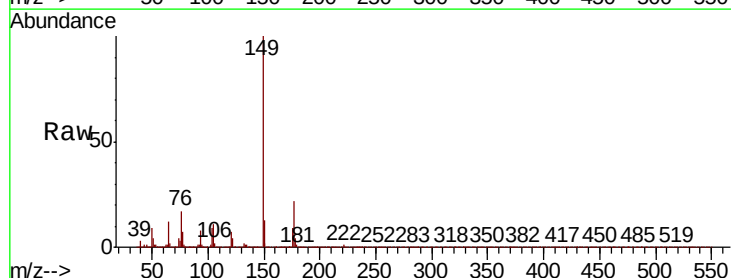
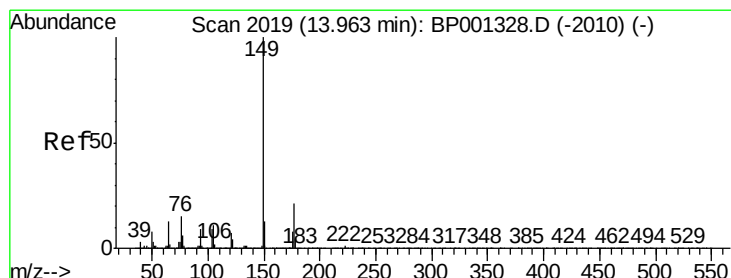
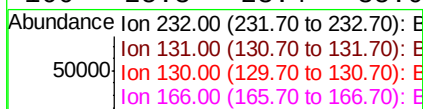
Ion Ratio Lower Upper

232 100

131 44.1 34.2 51.4

130 2.7 2.1 3.1

166 25.3 23.4 35.0



#60

Diethylphthalate

Concen: 37.133 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Tgt Ion:149 Resp: 178455

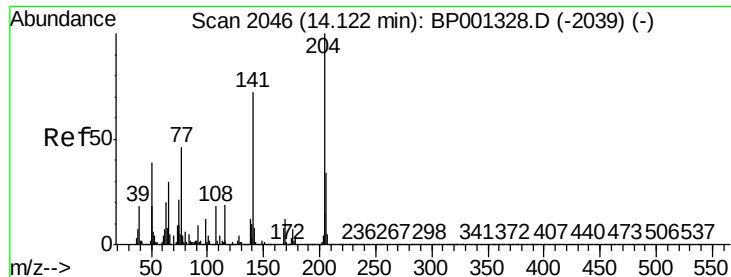
Ion Ratio Lower Upper

149 100

177 21.5 17.8 26.6

150 12.8 9.7 14.5

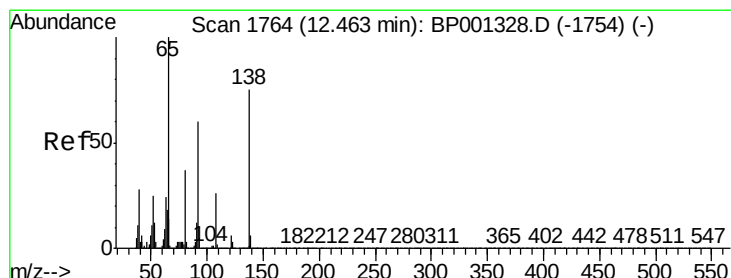
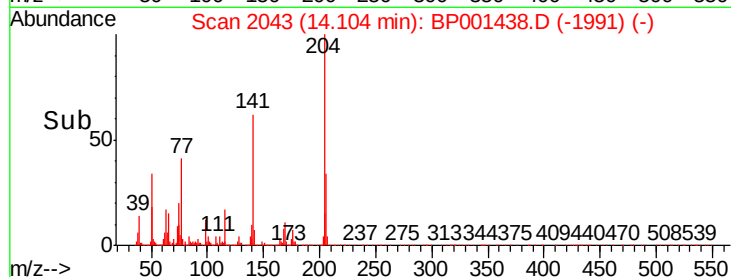
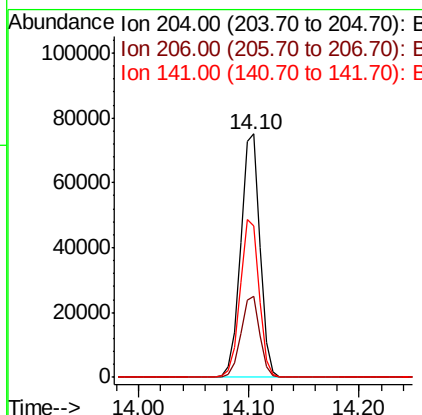
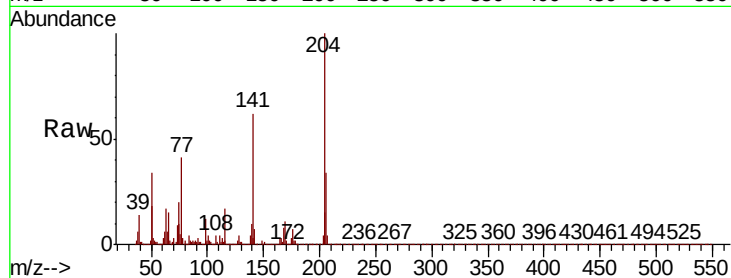




#61
4-Chlorophenyl-phenylether
Concen: 41.177 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

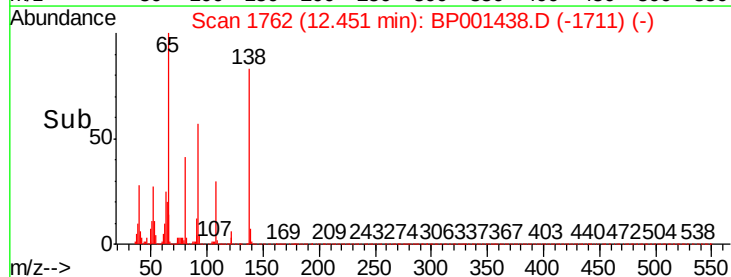
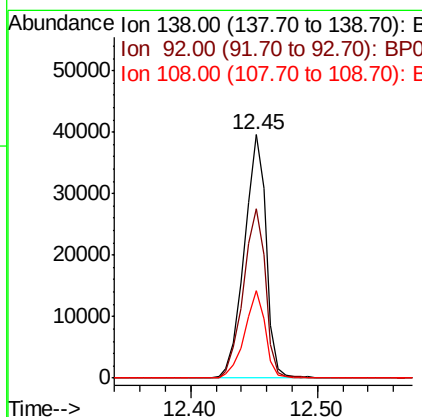
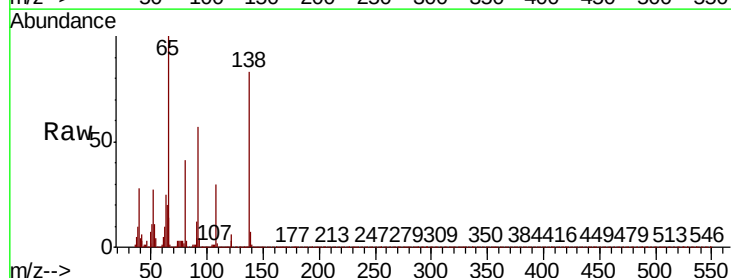
Instrument :
BNA_P
ClientSampleId :

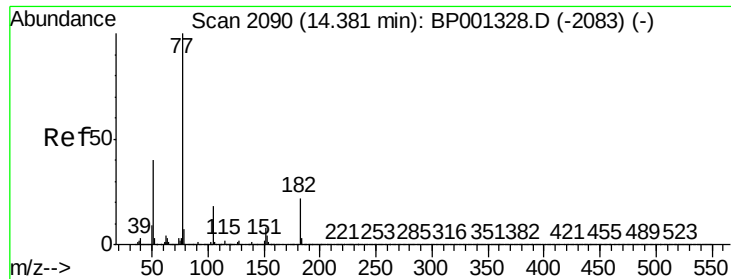
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.8	38.8
141	62.1	50.6	75.8



#62
4-Nitroaniline
Concen: 40.050 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	69.5	45.4	85.4
108	36.0	11.4	51.4

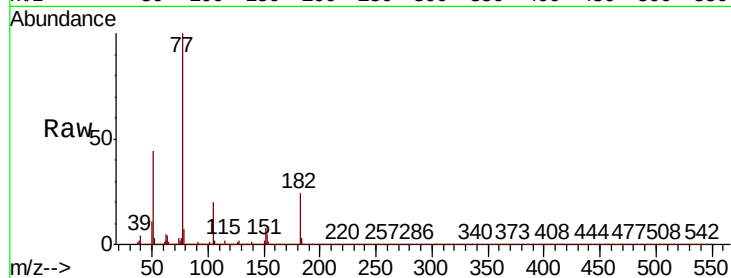




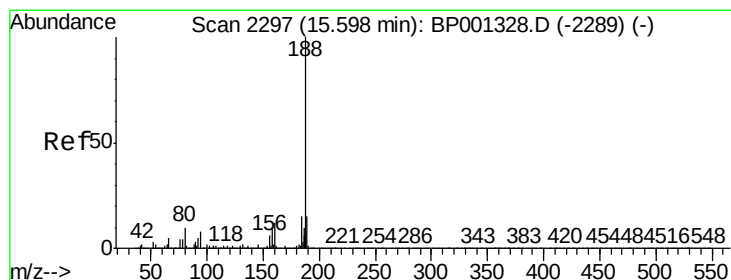
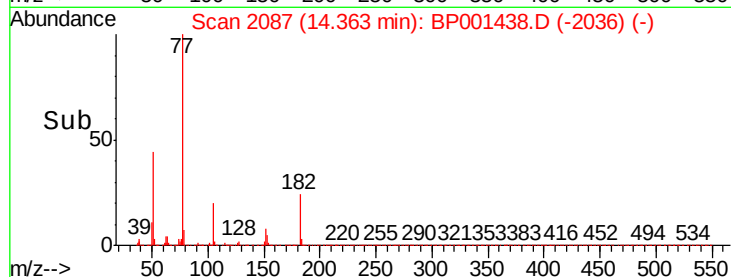
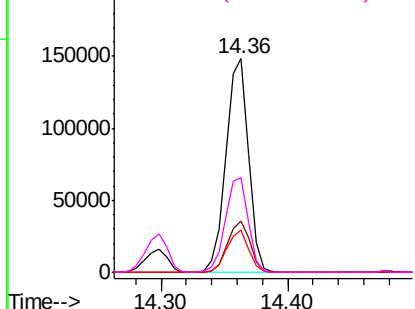
#63
Azobenzene
Concen: 35.557 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	179897
Ion	Ratio	Lower	Upper
77	100		
182	24.3	5.8	45.8
105	19.6	0.0	38.8
51	44.2	20.0	60.0

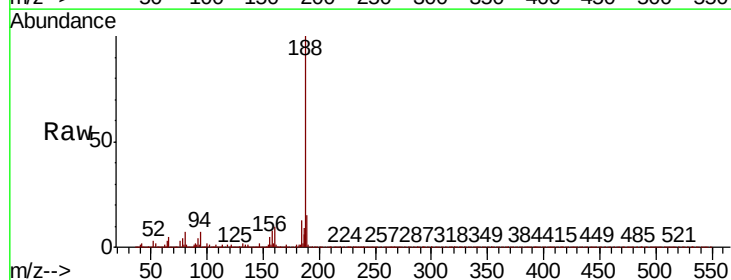


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

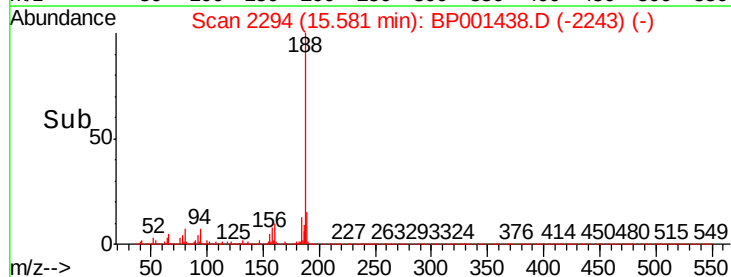
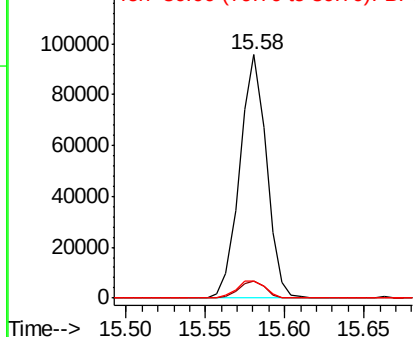


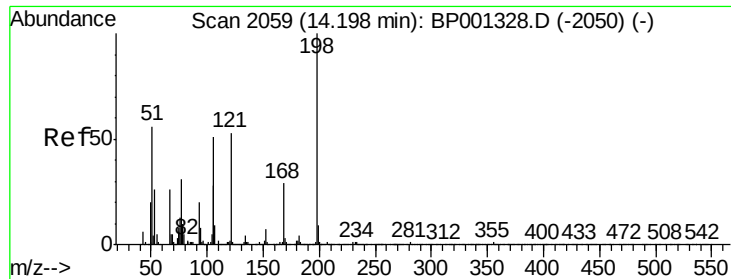
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:	188	Resp:	112207
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.8
80	7.0	5.7	8.5



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

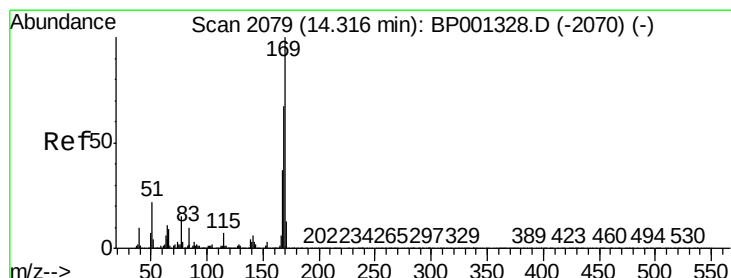
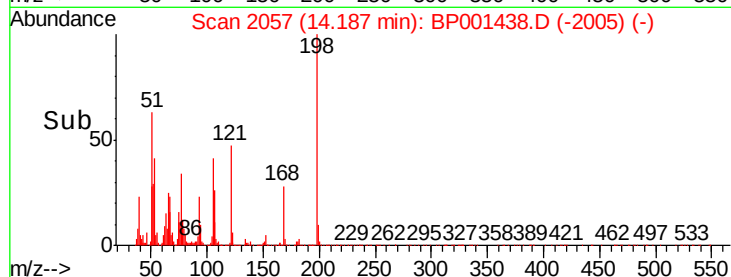
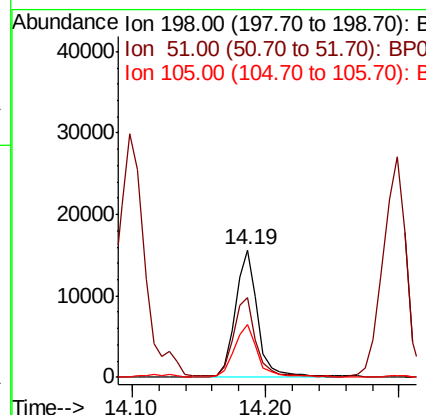
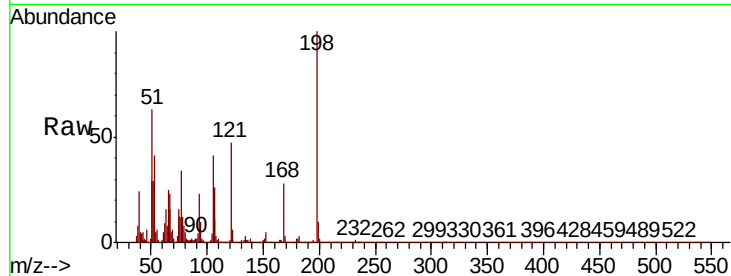




#65
4,6-Dinitro-2-methylphenol
Concen: 36.726 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

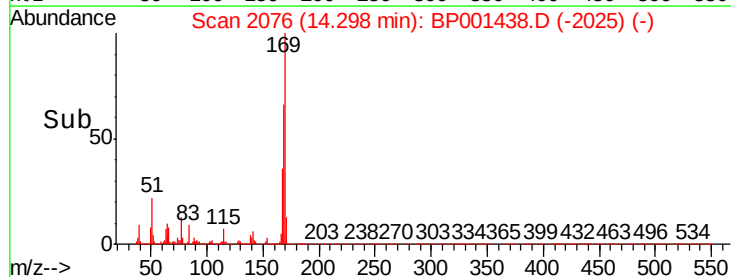
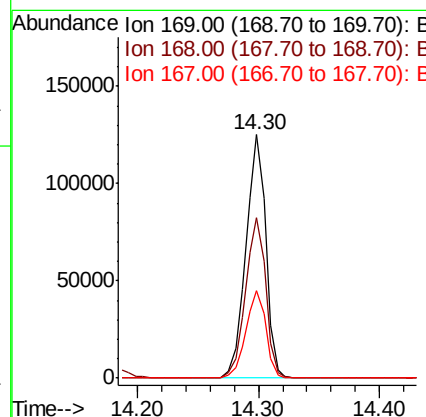
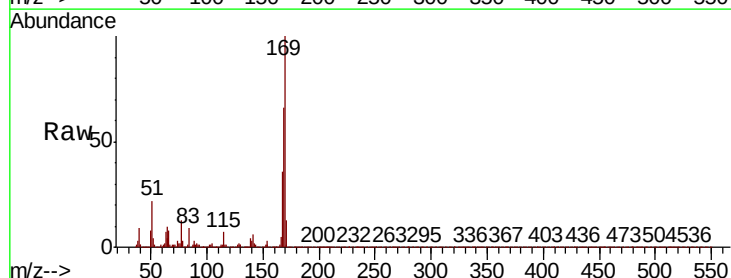
Instrument :
BNA_P
ClientSampleId :

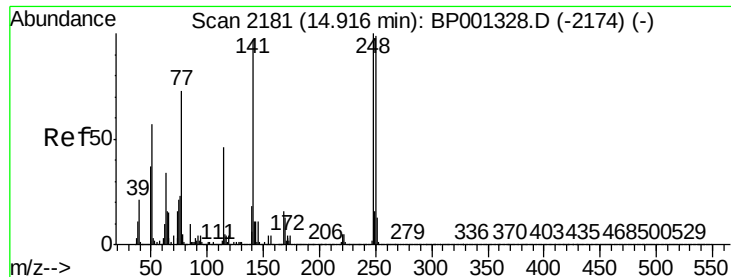
Tot Ion	Ratio	Lower	Upper
198	100		
51	62.8	42.2	82.2
105	41.3	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 40.520 ng
RT: 14.30 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.2	81.2
167	36.0	29.3	43.9

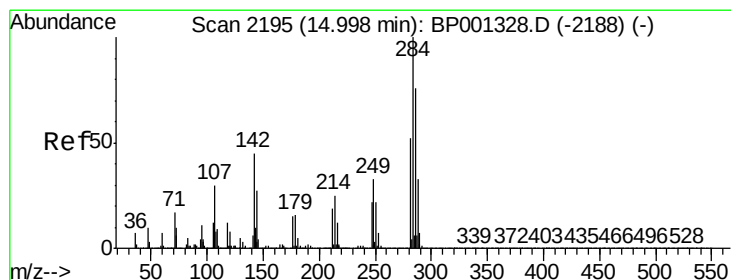
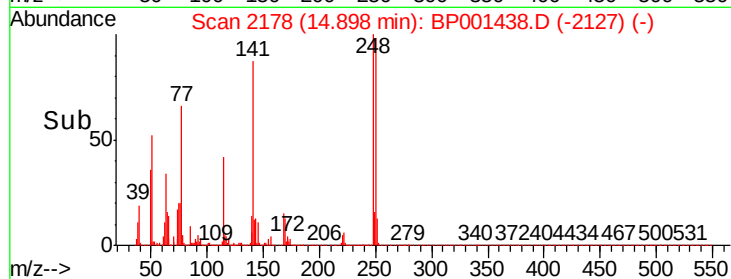
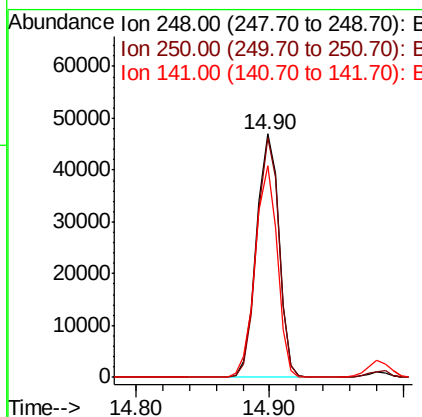
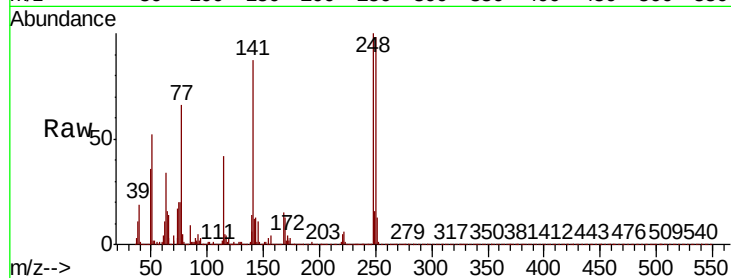




#67
4-Bromophenyl-phenylether
Concen: 40.902 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

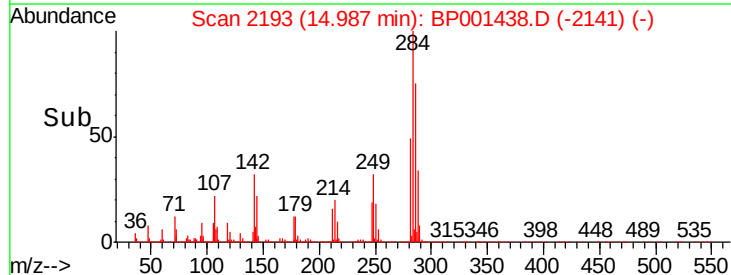
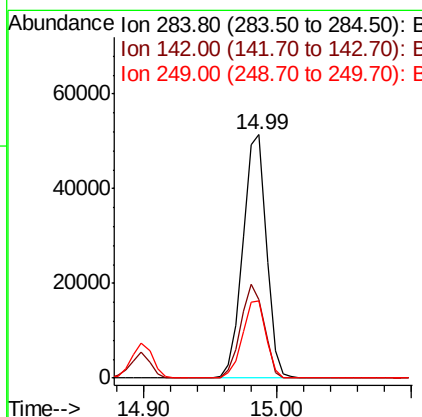
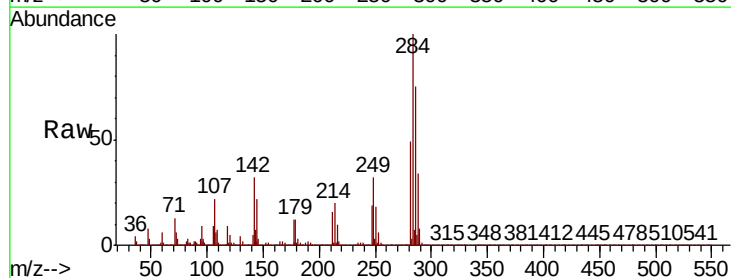
Instrument :
BNA_P
ClientSampleId :

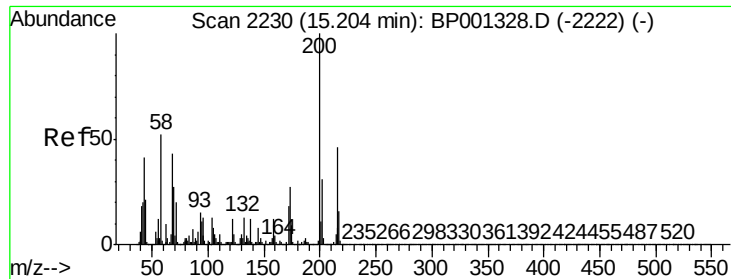
Tot Ion:248 Resp: 54262
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.4
141 86.7 60.7 91.1



#68
Hexachlorobenzene
Concen: 41.291 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:284 Resp: 62360
Ion Ratio Lower Upper
284 100
142 32.4 28.7 43.1
249 31.7 27.0 40.4

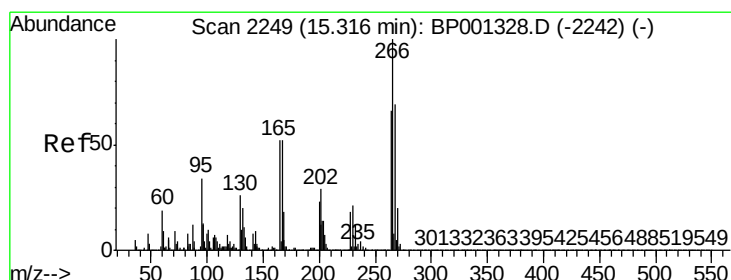
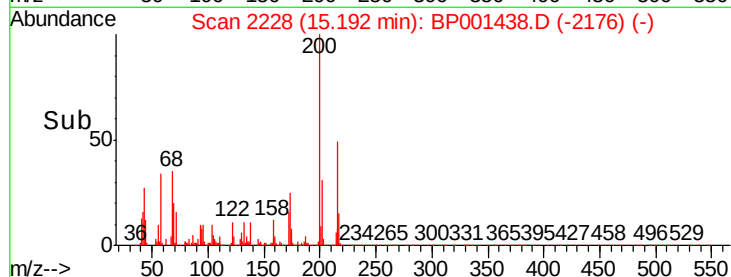
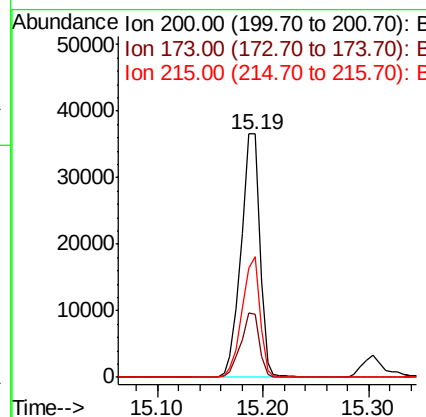
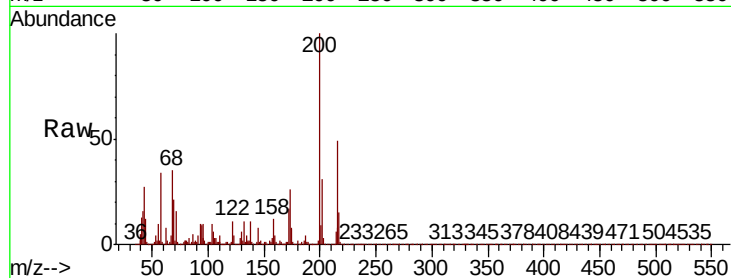




#69
Atrazine
Concen: 35.046 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

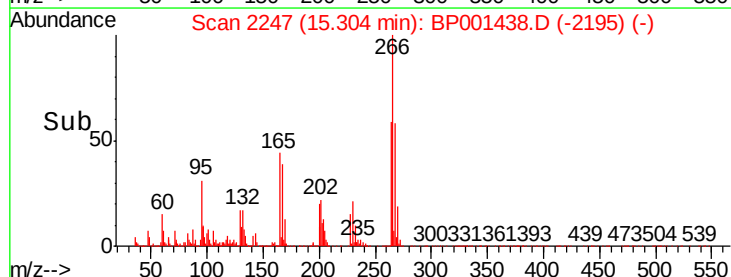
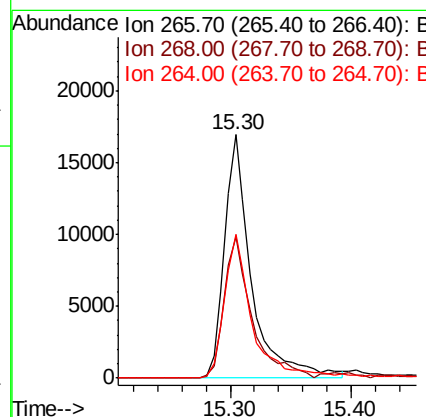
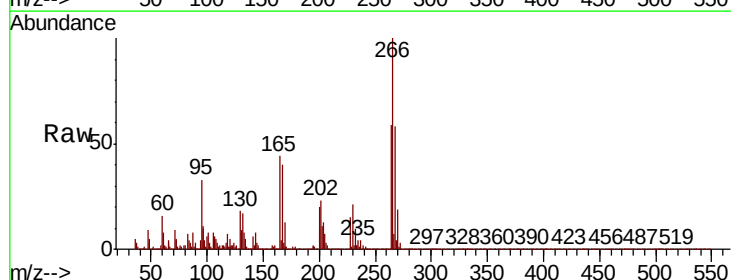
Instrument :
BNA_P
ClientSampled :

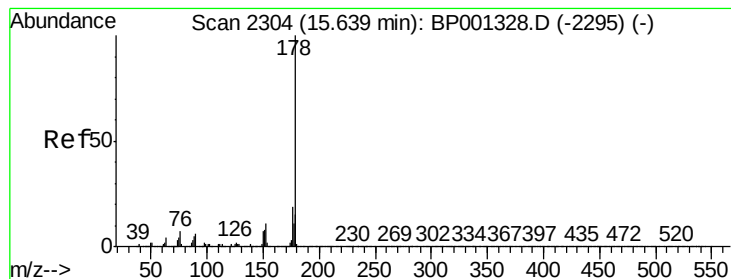
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	3.9	43.9
215	49.4	26.1	66.1



#70
Pentachlorophenol
Concen: 33.671 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.0	57.0	85.4
264	58.8	50.8	76.2





#71

Phenanthrene

Concen: 39.653 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

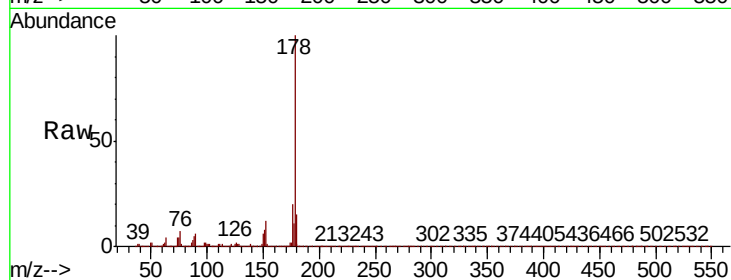
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 253847

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.0	12.2	18.2

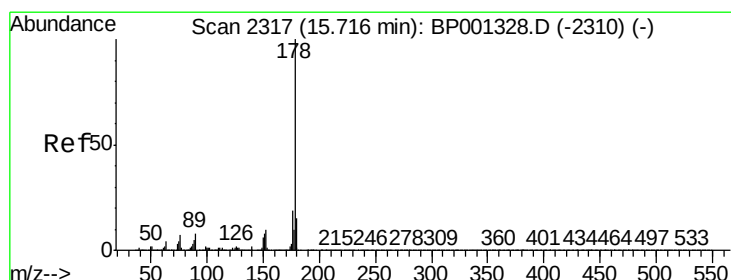
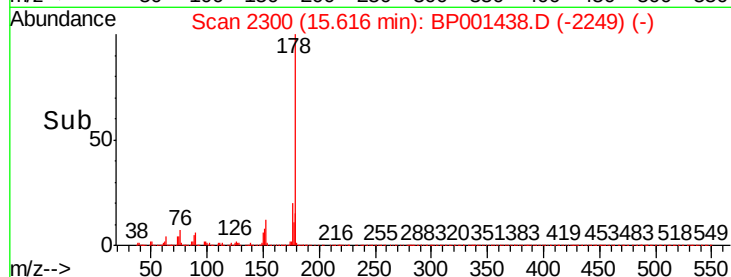
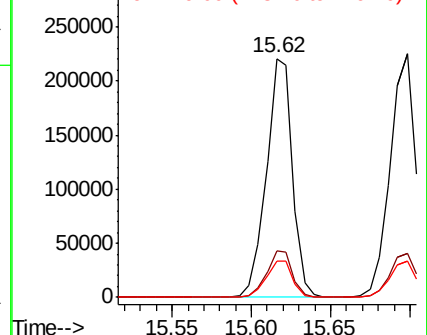


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.883 ng

RT: 15.70 min Scan# 2314

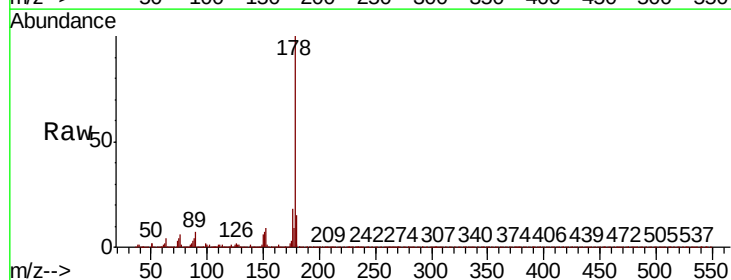
Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Tgt Ion:178 Resp: 252754

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.0	11.8	17.8

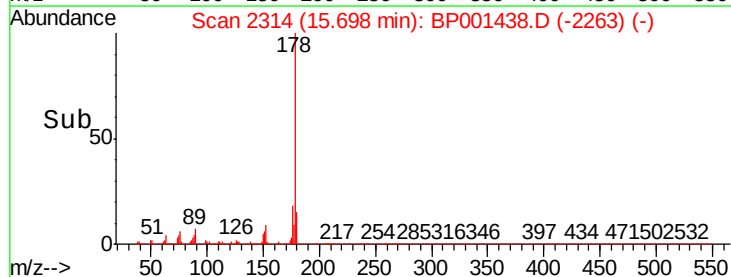
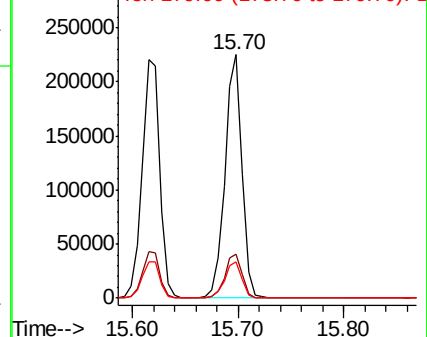


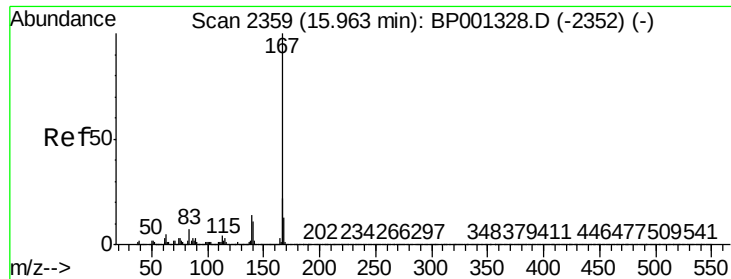
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

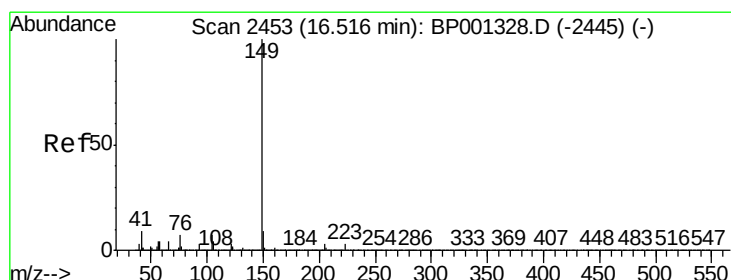
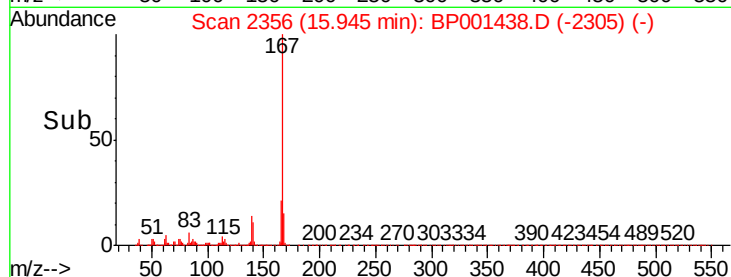
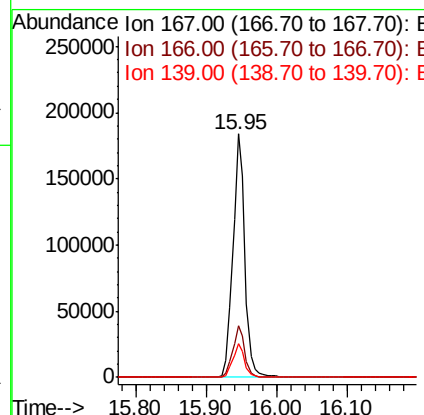
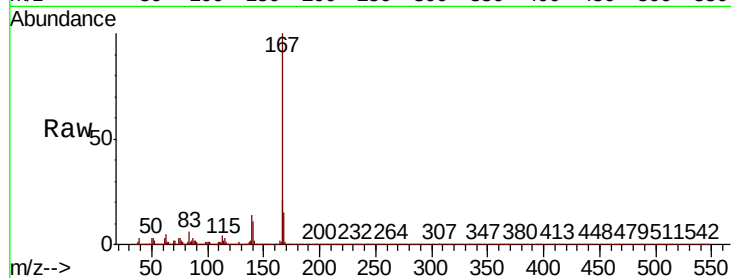




#73
 Carbazole
 Concen: 38.344 ng
 RT: 15.95 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BP001438.D
 Acq: 27 Dec 2019 01:26

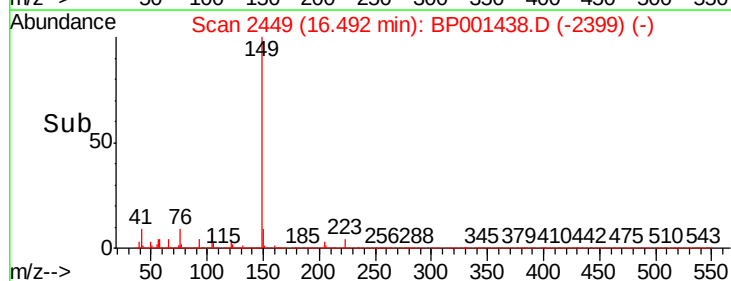
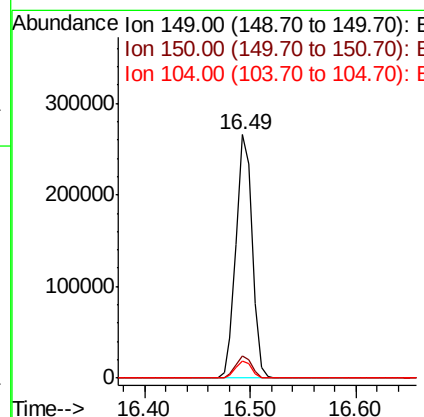
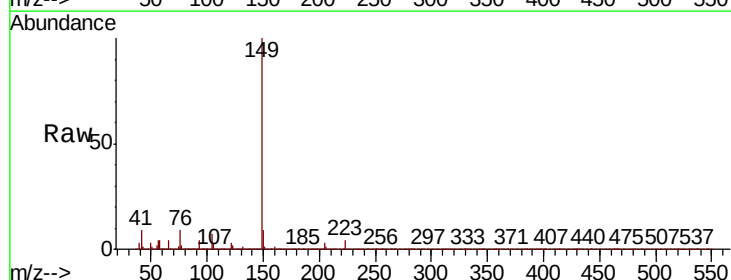
Instrument :
 BNA_P
 ClientSampleId :

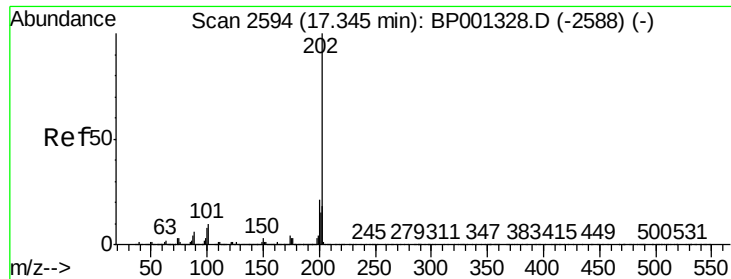
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.2
139	14.0	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 36.122 ng
 RT: 16.49 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BP001438.D
 Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	7.0	5.2	7.8





#75

Fluoranthene

Concen: 38.912 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

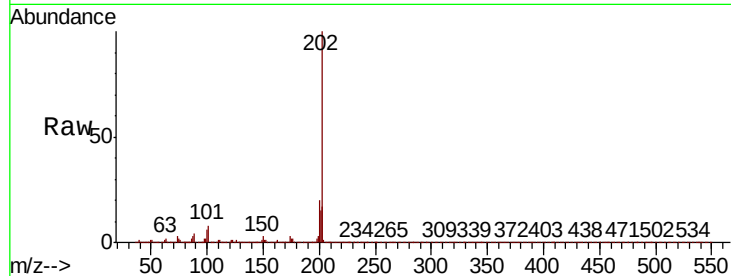
Tot Ion:202 Resp: 278540

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.7

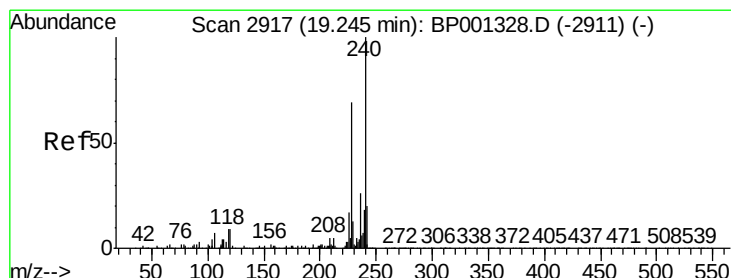
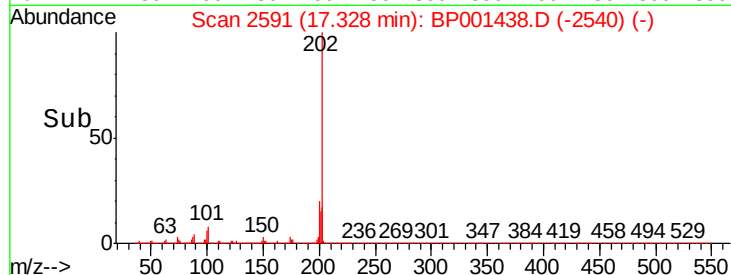
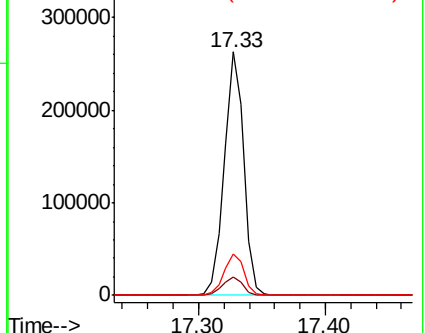
203 16.7 0.0 37.4



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: 19.23 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

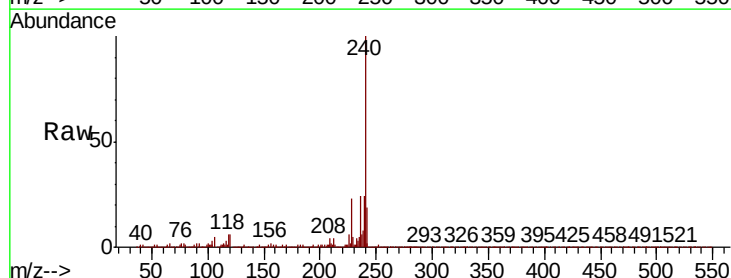
Tgt Ion:240 Resp: 89362

Ion Ratio Lower Upper

240 100

120 6.4 6.2 9.2

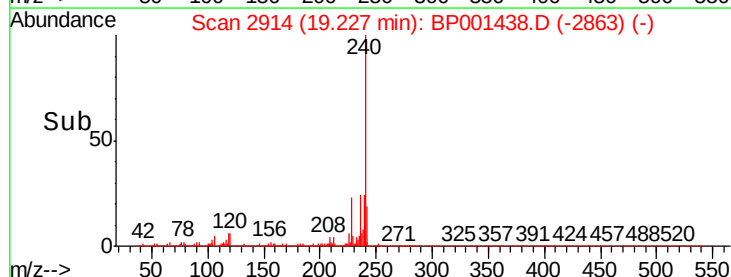
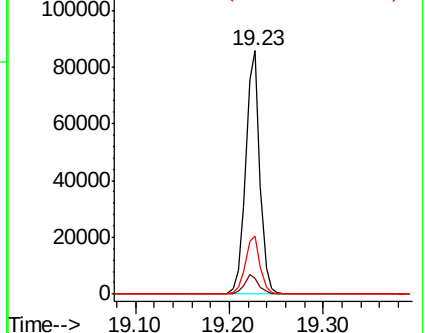
236 23.9 20.2 30.2

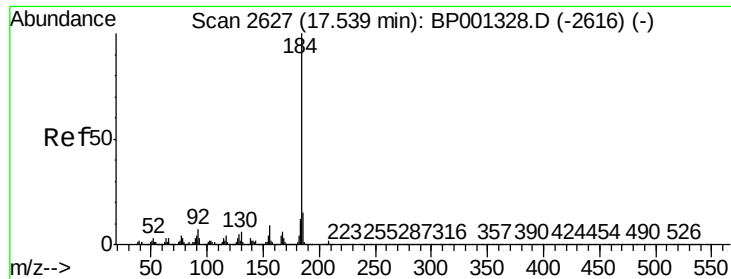


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.126 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

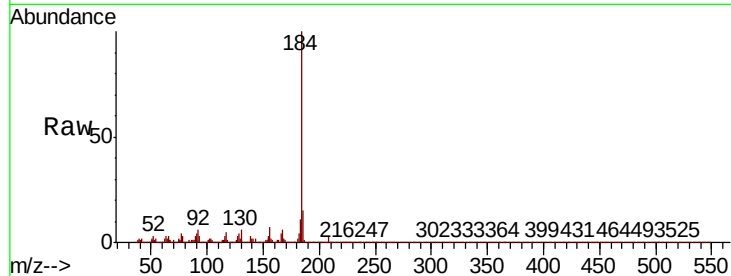
Tot Ion:184 Resp: 104399

Ion Ratio Lower Upper

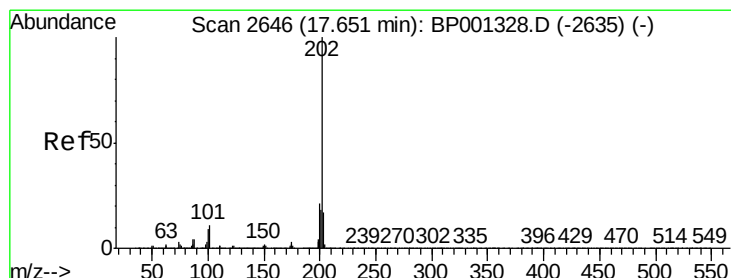
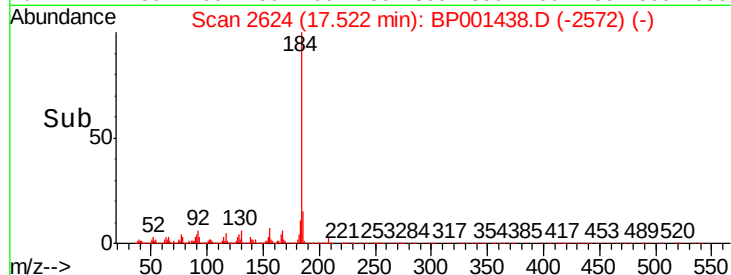
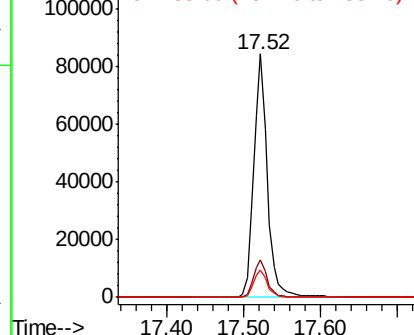
184 100

185 15.2 11.8 17.8

183 11.5 9.6 14.4



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: 40.263 ng

RT: 17.63 min Scan# 2643

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

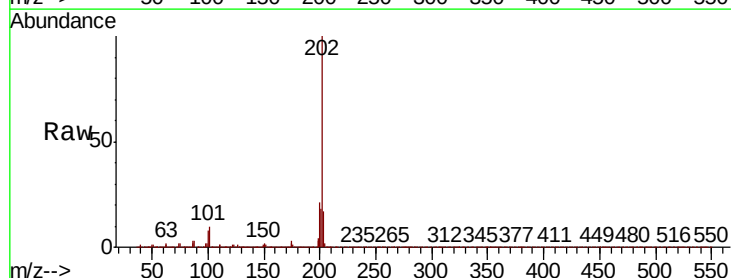
Tgt Ion:202 Resp: 279363

Ion Ratio Lower Upper

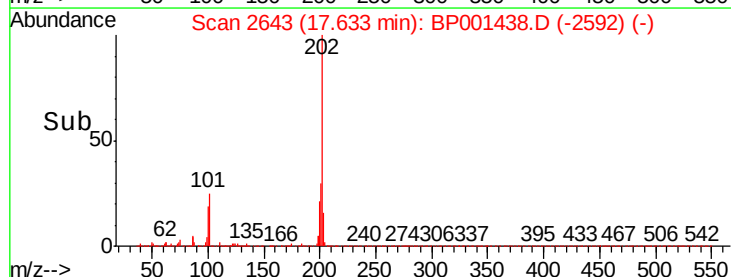
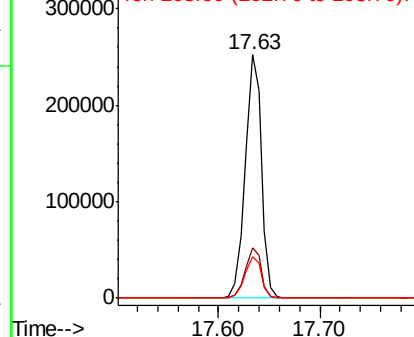
202 100

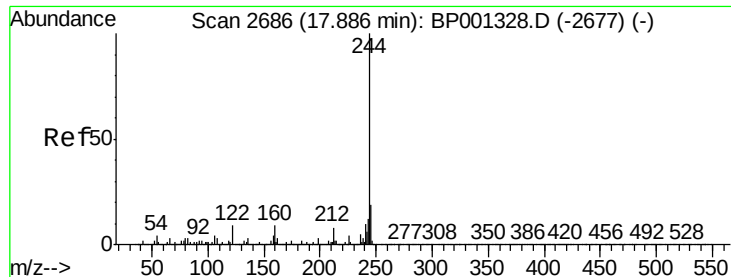
200 20.6 16.6 25.0

203 17.3 14.3 21.5



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: 84.993 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampled :

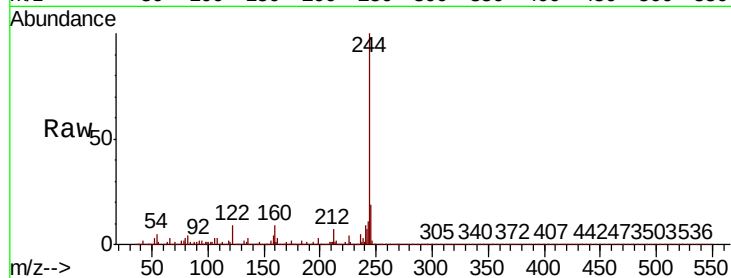
Tot Ion:244 Resp: 443445

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

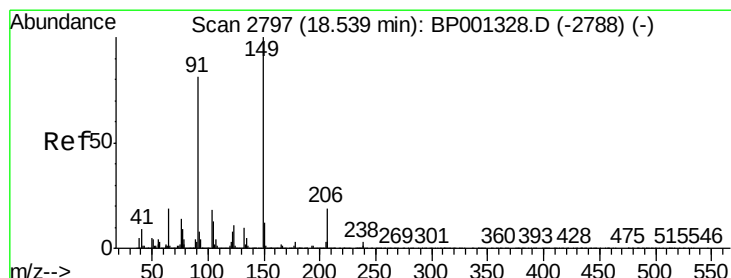
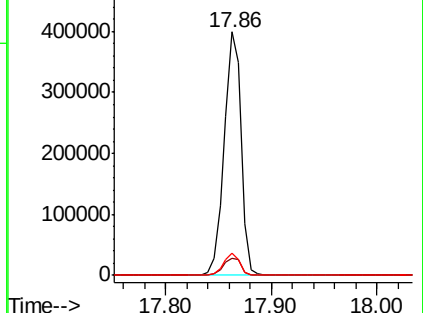
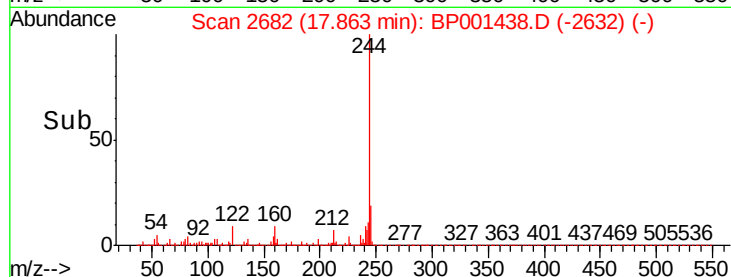
122 9.4 6.4 9.6



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: 36.804 ng

RT: 18.52 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

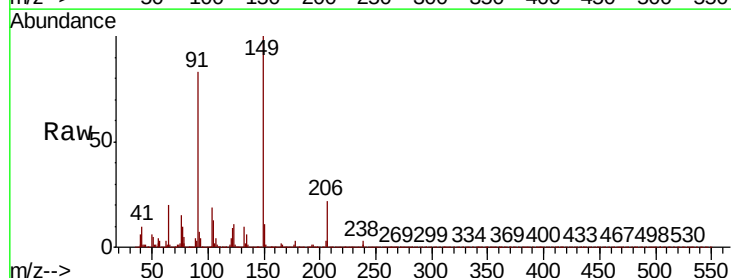
Tgt Ion:149 Resp: 119052

Ion Ratio Lower Upper

149 100

91 82.7 59.8 89.6

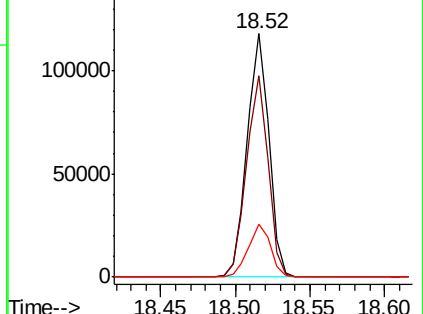
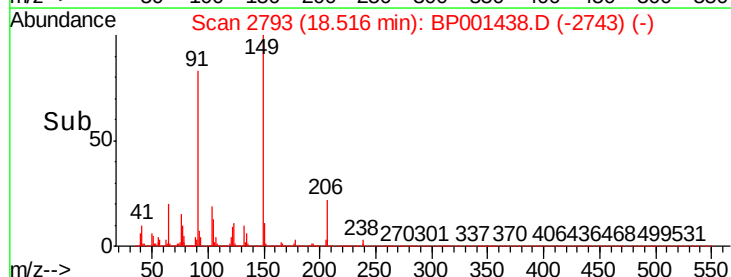
206 21.8 18.3 27.5

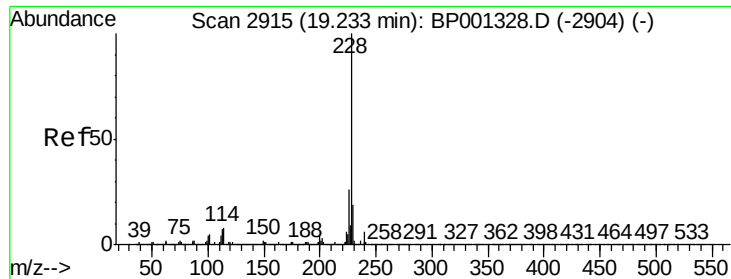


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

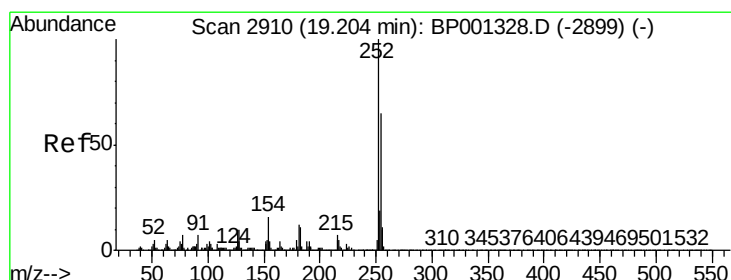
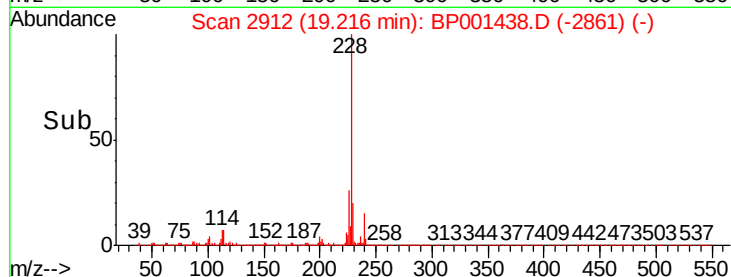
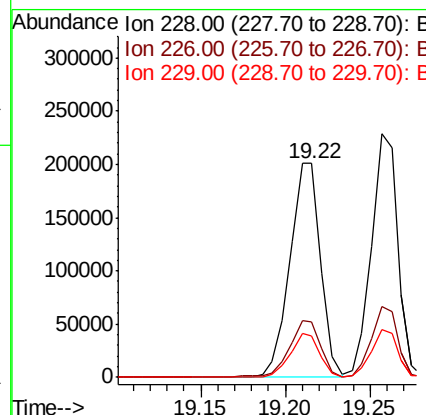
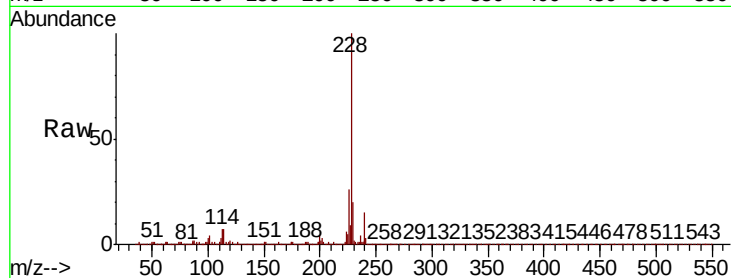




#81
Benzo(a)anthracene
Concen: 39.074 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

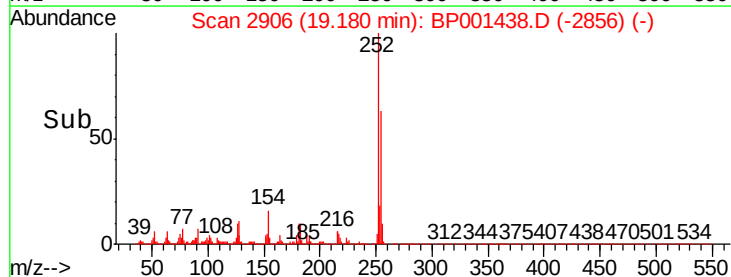
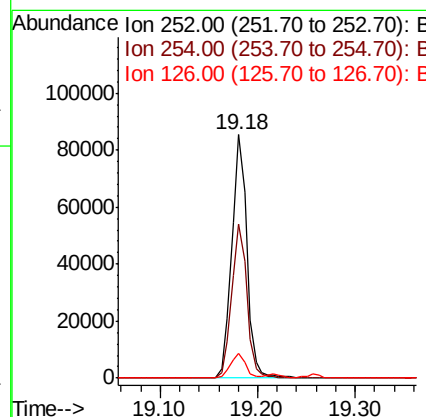
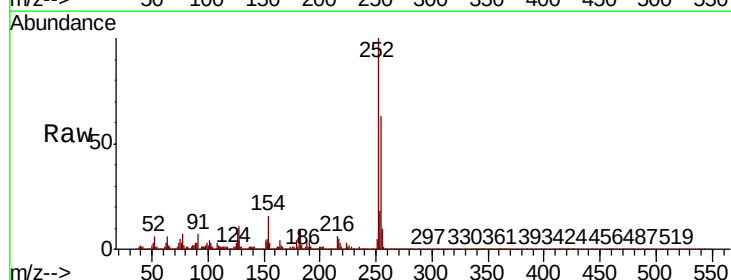
Instrument :
BNA_P
ClientSampleId :

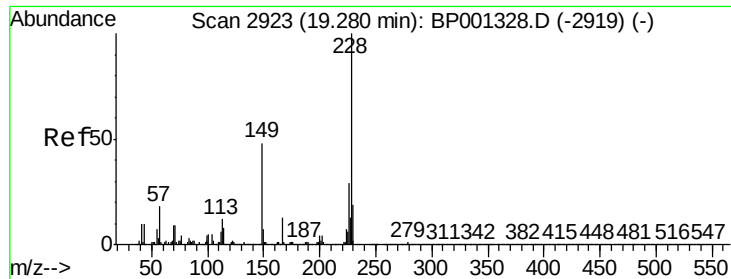
Tot Ion:228 Resp: 254437
Ion Ratio Lower Upper
228 100
226 25.8 21.4 32.2
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 41.001 ng
RT: 19.18 min Scan# 2906
Delta R.T. -0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion:252 Resp: 92709
Ion Ratio Lower Upper
252 100
254 63.2 52.3 78.5
126 10.2 7.3 10.9





#83

Chrysene

Concen: 39.752 ng

RT: 19.26 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

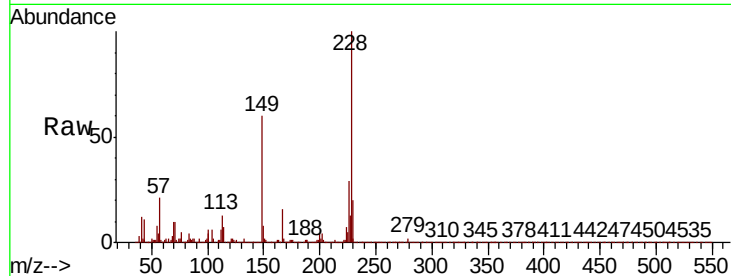
Tot Ion:228 Resp: 249847

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

229 19.6 15.5 23.3

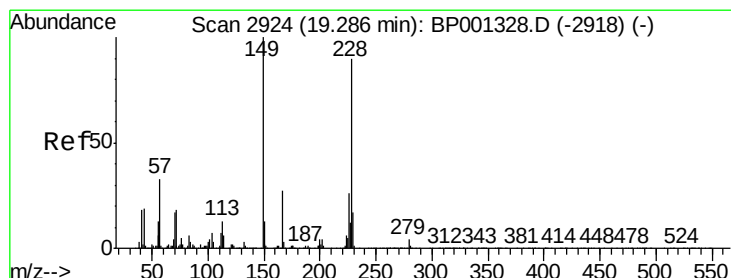
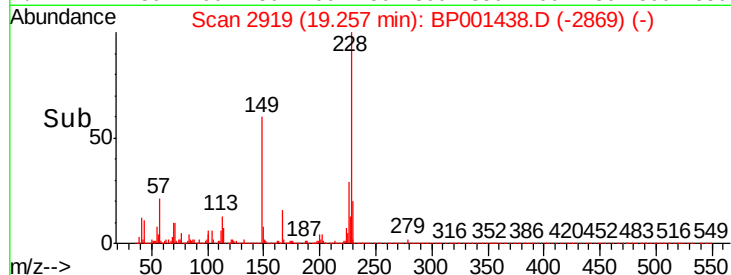
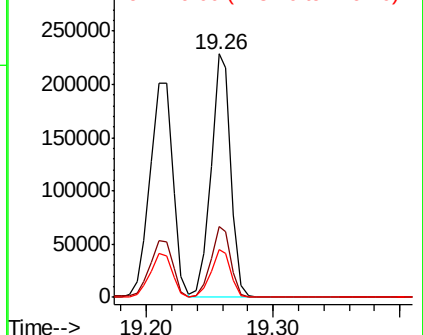


Abundance

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: 35.351 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

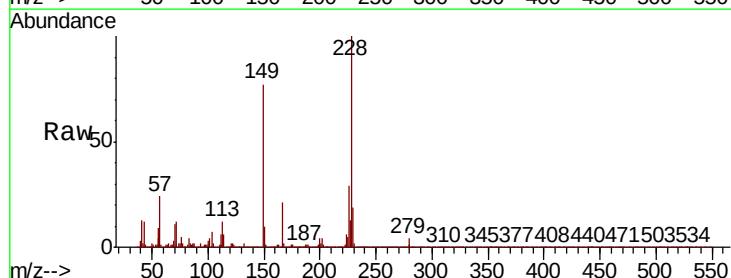
Tgt Ion:149 Resp: 167800

Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 4.7 3.2 4.8

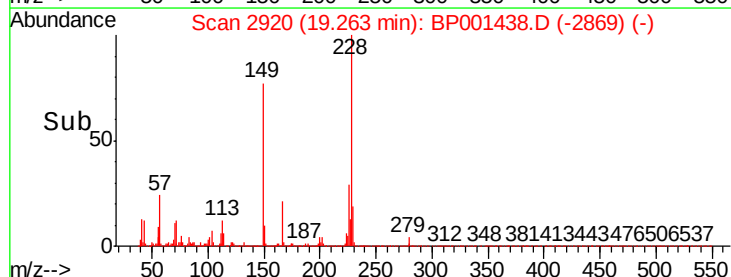
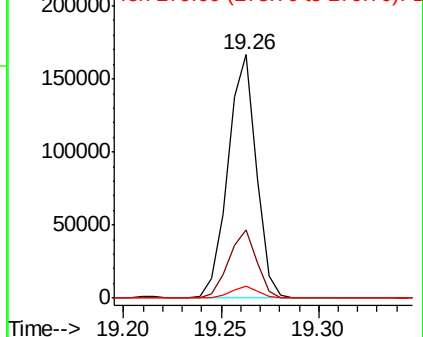


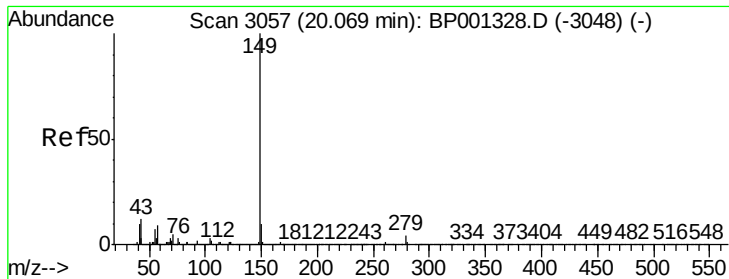
Abundance

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: 35.194 ng

RT: 20.04 min Scan# 3052

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

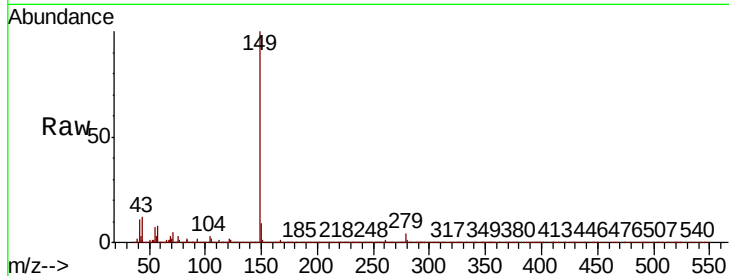
Tot Ion:149 Resp: 276876

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

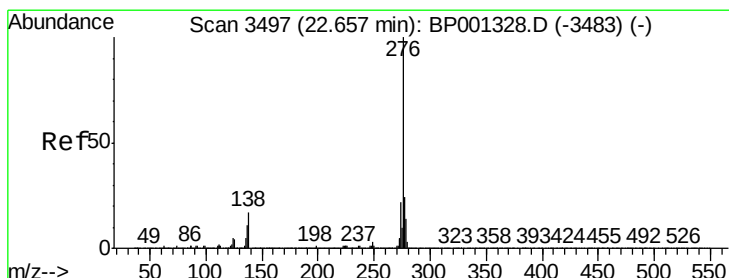
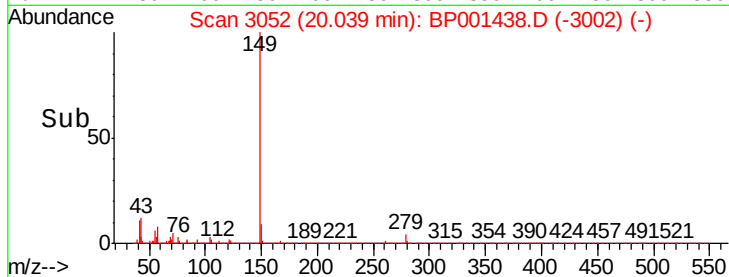
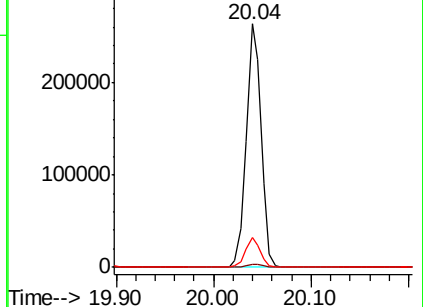
43 12.1 8.6 13.0



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: 38.633 ng

RT: 22.62 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

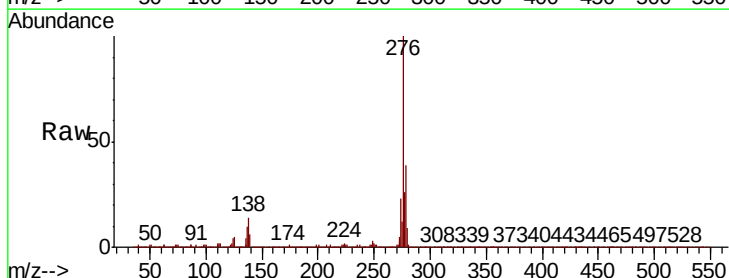
Tgt Ion:276 Resp: 262239

Ion Ratio Lower Upper

276 100

138 16.5 12.8 19.2

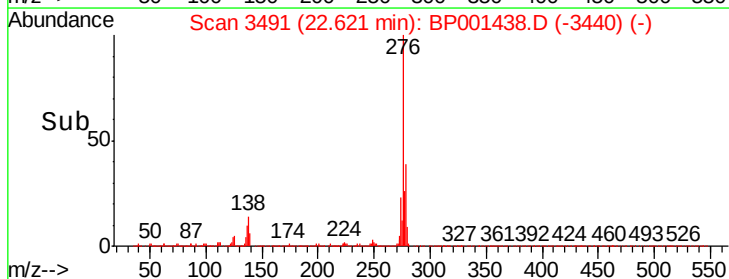
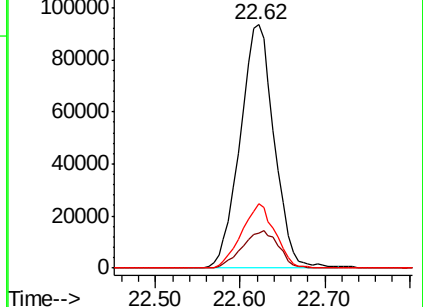
277 26.0 19.9 29.9

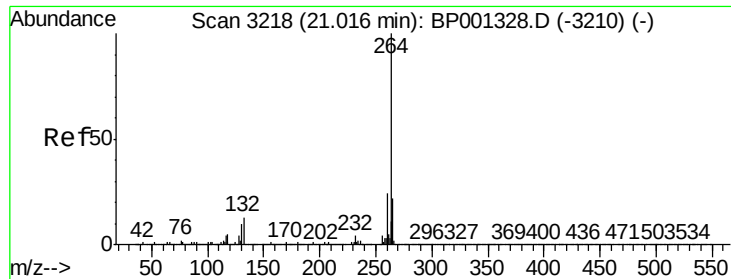


Abundance Ion 276.00 (275.70 to 276.70): E

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: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

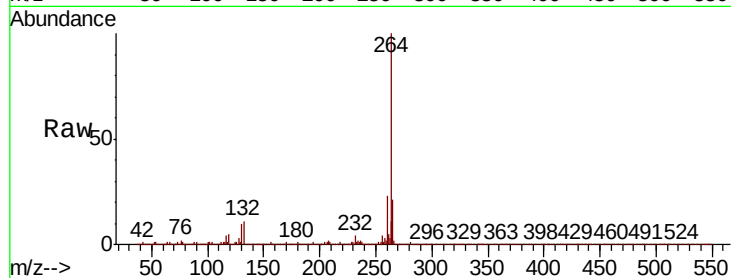
Tot Ion:264 Resp: 92768

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.5	17.0	25.4

264 100

260 23.4 19.0 28.4

265 21.5 17.0 25.4

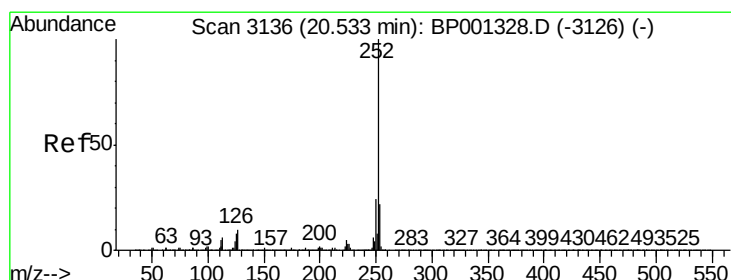
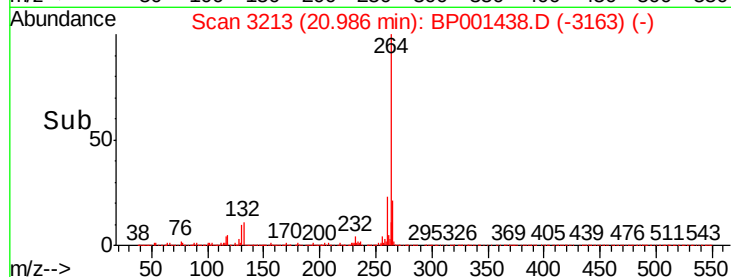
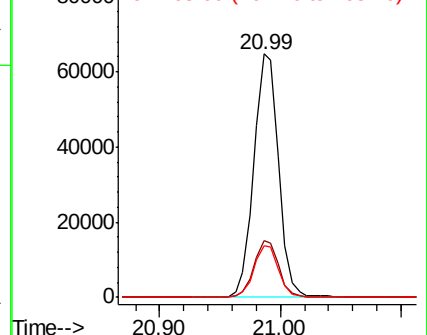


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.653 ng

RT: 20.51 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

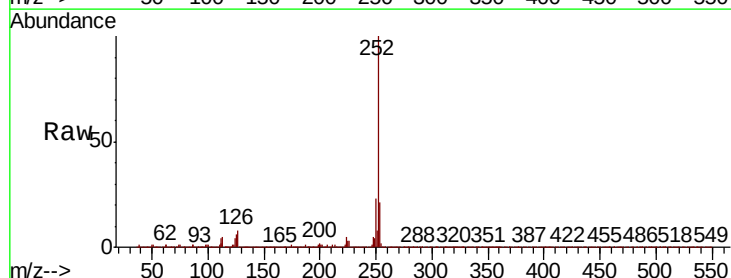
Tgt Ion:252 Resp: 235491

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.5	26.3
125	6.1	5.6	8.4

252 100

253 20.8 17.5 26.3

125 6.1 5.6 8.4

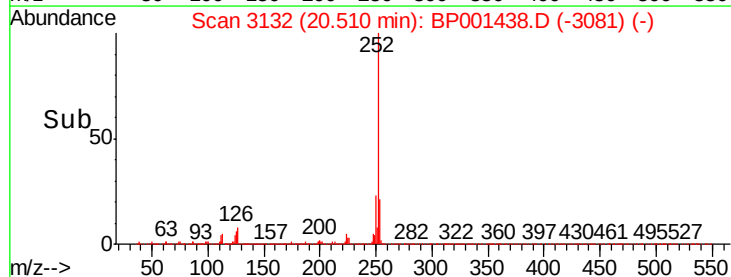
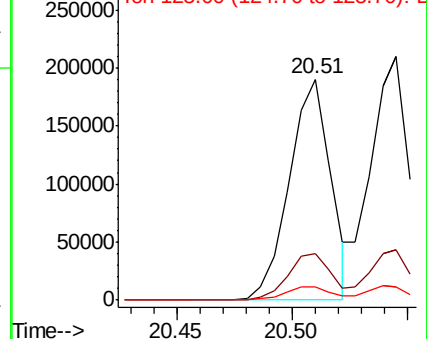


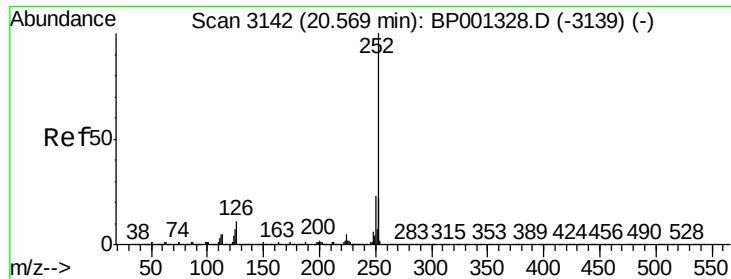
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.538 ng

RT: 20.55 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

Instrument :

BNA_P

ClientSampleId :

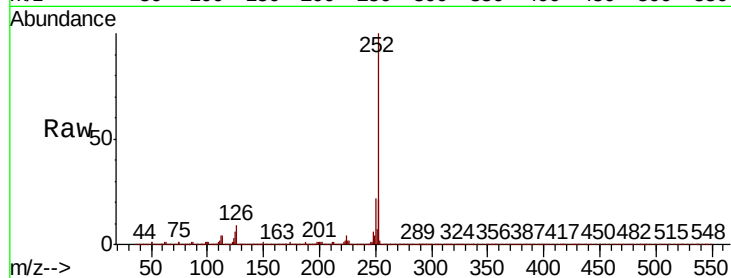
Tot Ion:252 Resp: 241063

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.2

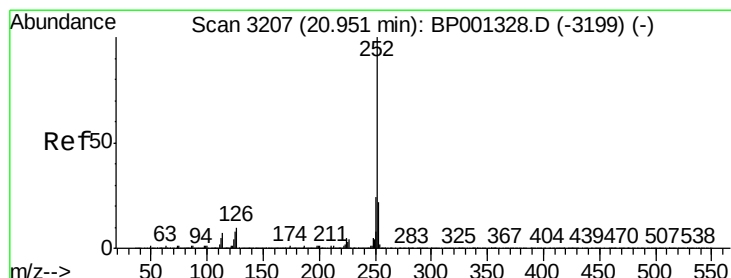
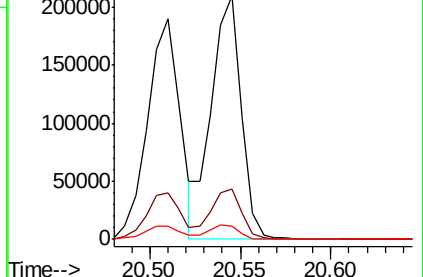
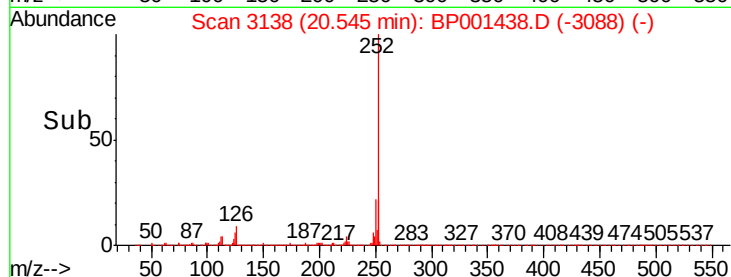
125 5.6 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.257 ng

RT: 20.92 min Scan# 3202

Delta R.T. -0.01 min

Lab File: BP001438.D

Acq: 27 Dec 2019 01:26

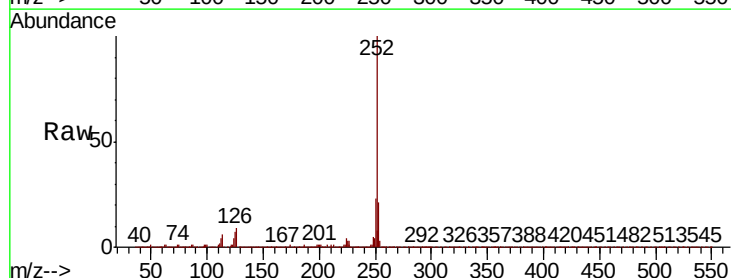
Tgt Ion:252 Resp: 223426

Ion Ratio Lower Upper

252 100

253 20.7 17.2 25.8

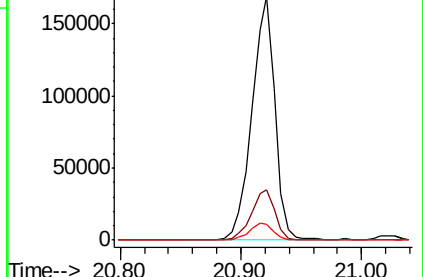
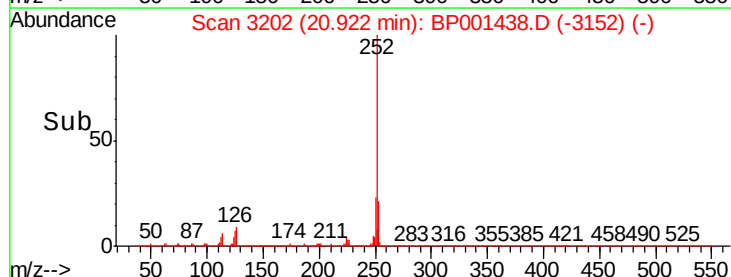
125 6.6 5.2 7.8

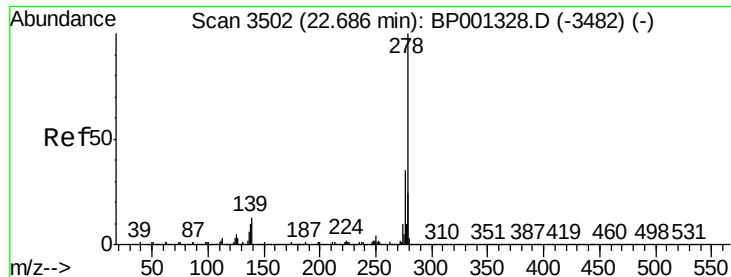


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

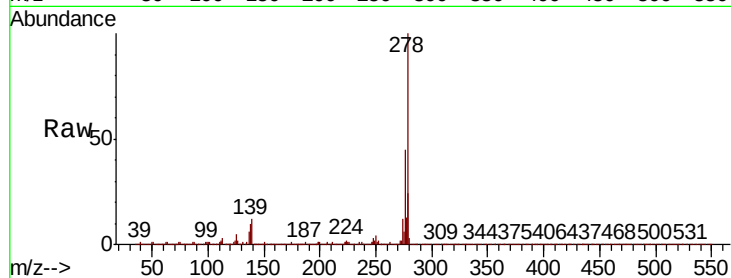




#91
Dibenzo(a,h)anthracene
Concen: 41.107 ng
RT: 22.64 min Scan# 3494
Delta R.T. -0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.4	8.3	12.5
279	24.2	19.1	28.7

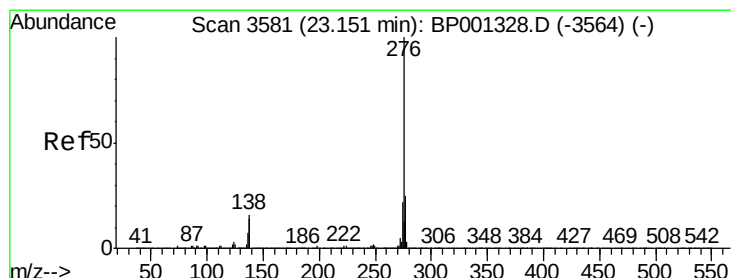
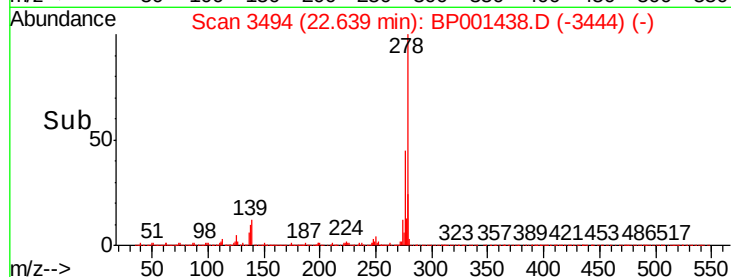
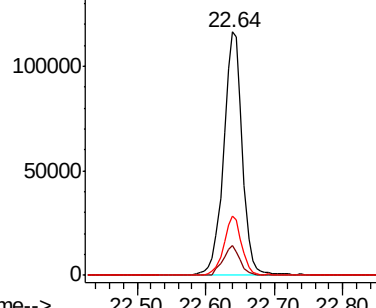


Abundance

Ion 278.00 (277.70 to 278.70): E

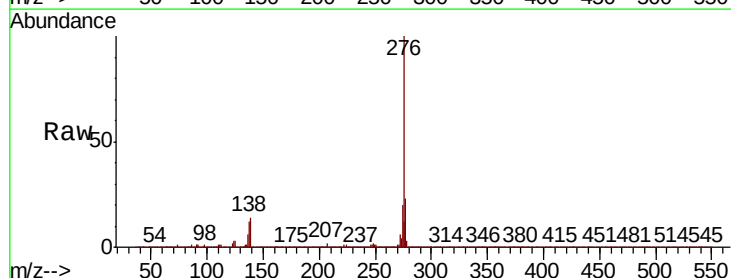
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.832 ng
RT: 23.10 min Scan# 3572
Delta R.T. -0.01 min
Lab File: BP001438.D
Acq: 27 Dec 2019 01:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	13.6	10.5	15.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

