

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001456.D
 Acq On : 27 Dec 2019 14:02
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 28 03:44:08 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	8.28	152	26513	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	94524	20.00	ng	0.00
39) Acenaphthene-d10	13.19	164	57249	20.00	ng	0.00
64) Phenanthrene-d10	15.59	188	119375	20.00	ng	0.00
76) Chrysene-d12	19.23	240	101803	20.00	ng	0.00
87) Perylene-d12	21.00	264	104221	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.19	112	133680	81.49	ng	0.00
7) Phenol-d6	7.75	99	175409	81.94	ng	0.00
23) Nitrobenzene-d5	9.18	82	187371	76.12	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	66672	93.15	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	392211	86.63	ng	0.00
79) Terphenyl-d14	17.87	244	523995	88.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	26641	39.461	ng	92
3) Pyridine	3.33	79	66661	36.145	ng	99
4) n-Nitrosodimethylamine	3.26	42	47334	40.533	ng	# 99
6) Aniline	7.76	93	110727	41.091	ng	# 85
8) 2-Chlorophenol	7.95	128	69348	42.049	ng	93
9) Benzaldehyde	7.58	77	50752	33.798	ng	99
10) Phenol	7.77	94	96734	39.551	ng	96
11) bis(2-Chloroethyl)ether	7.89	93	66434	38.394	ng	94
12) 1,3-Dichlorobenzene	8.19	146	88561	43.111	ng	97
13) 1,4-Dichlorobenzene	8.31	146	88800	42.429	ng	100
14) 1,2-Dichlorobenzene	8.55	146	86639	43.453	ng	96
15) Benzyl Alcohol	8.52	79	75993	37.835	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.75	45	90839	33.149	ng	94
17) 2-Methylphenol	8.72	107	59393	40.754	ng	98
18) Hexachloroethane	9.09	117	36267	40.734	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	56887	37.435	ng	98
20) 3+4-Methylphenols	8.97	107	78776	40.734	ng	96
22) Acetophenone	8.93	105	117937	39.456	ng	# 99
24) Nitrobenzene	9.20	77	89944	37.126	ng	96
25) Isophorone	9.60	82	146018	36.893	ng	95
26) 2-Nitrophenol	9.71	139	37916	43.890	ng	99
27) 2,4-Dimethylphenol	9.82	122	52799	41.555	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	88190	37.307	ng	99
29) 2,4-Dichlorophenol	10.12	162	67401	42.842	ng	99
30) 1,2,4-Trichlorobenzene	10.24	180	83721	43.263	ng	98
31) Naphthalene	10.36	128	215425	41.751	ng	98
32) Benzoic acid	10.02	122	33953	34.615	ng	90
33) 4-Chloroaniline	10.46	127	86906	41.185	ng	96
34) Hexachlorobutadiene	10.58	225	57382	42.513	ng	95
35) Caprolactam	11.05	113	19660	41.996	ng	# 88
36) 4-Chloro-3-methylphenol	11.28	107	72529	39.450	ng	97
37) 2-Methylnaphthalene	11.49	142	152554	42.826	ng	99
38) 1-Methylnaphthalene	11.65	142	145589	43.473	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	91838	43.386	ng	99

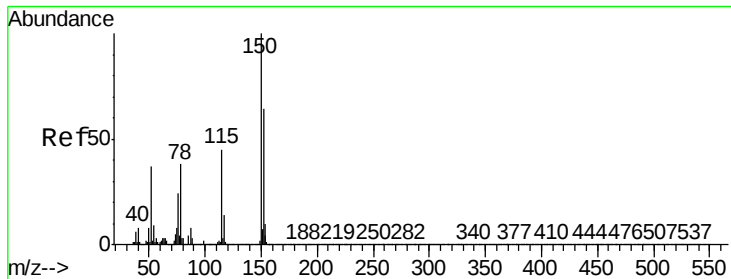
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001456.D
 Acq On : 27 Dec 2019 14:02
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
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Quant Time: Dec 28 03:44:08 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)
41) Hexachlorocyclopentadiene	11.76	237	42299	40.402	ng	99
43) 2,4,6-Trichlorophenol	11.96	196	55857	42.907	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	56254	42.057	ng	98
46) 1,1'-Biphenyl	12.26	154	205657	42.928	ng	99
47) 2-Chloronaphthalene	12.28	162	164875	42.571	ng	98
48) 2-Nitroaniline	12.45	65	58055	37.434	ng	96
49) Acenaphthylene	12.95	152	236519	41.776	ng	100
50) Dimethylphthalate	12.79	163	195887	41.708	ng	99
51) 2,6-Dinitrotoluene	12.86	165	40230	42.185	ng	87
52) Acenaphthene	13.24	154	142048	41.642	ng	97
53) 3-Nitroaniline	13.13	138	41882	40.917	ng	91
54) 2,4-Dinitrophenol	13.31	184	16560	44.970	ng	87
55) Dibenzofuran	13.53	168	231880	43.386	ng	98
56) 4-Nitrophenol	13.45	139	36205	49.465	ng	99
57) 2,4-Dinitrotoluene	13.52	165	56054	42.289	ng	# 90
58) Fluorene	14.09	166	189484	44.326	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.74	232	48406	42.153	ng	98
60) Diethylphthalate	13.95	149	196752	40.616	ng	98
61) 4-Chlorophenyl-phenylether	14.10	204	101250	45.057	ng	98
62) 4-Nitroaniline	12.45	138	49358	41.640	ng	97
63) Azobenzene	14.36	77	194827	38.202	ng	95
65) 4,6-Dinitro-2-methylphenol	14.19	198	25509	47.713	ng	95
66) n-Nitrosodiphenylamine	14.30	169	156866	41.449	ng	98
67) 4-Bromophenyl-phenylether	14.90	248	61286	43.423	ng	97
68) Hexachlorobenzene	14.99	284	70249	43.721	ng	99
69) Atrazine	15.19	200	46568	34.256	ng	97
70) Pentachlorophenol	15.30	266	30630	37.173	ng	92
71) Phenanthrene	15.62	178	284365	41.753	ng	99
72) Anthracene	15.70	178	282356	41.879	ng	99
73) Carbazole	15.95	167	246078	40.938	ng	99
74) Di-n-butylphthalate	16.50	149	326044	39.526	ng	99
75) Fluoranthene	17.33	202	321231	42.181	ng	98
77) Benzidine	17.53	184	146947	49.577	ng	99
78) Pyrene	17.64	202	324509	41.054	ng	99
80) Butylbenzylphthalate	18.52	149	140572	38.146	ng	90
81) Benzo(a)anthracene	19.22	228	306189	41.275	ng	100
82) 3,3'-Dichlorobenzidine	19.19	252	110714	42.980	ng	97
83) Chrysene	19.27	228	296266	41.377	ng	99
84) Bis(2-ethylhexyl)phthalate	19.27	149	209199	38.687	ng	98
85) Di-n-octyl phthalate	20.05	149	337591	37.668	ng	97
86) Indeno(1,2,3-cd)pyrene	22.64	276	302952	39.176	ng	99
88) Benzo(b)fluoranthene	20.52	252	285308	41.684	ng	99
89) Benzo(k)fluoranthene	20.56	252	282922	43.393	ng	100
90) Benzo(a)pyrene	20.93	252	262656	42.125	ng	98
91) Dibenzo(a,h)anthracene	22.66	278	253786	41.629	ng	99
92) Benzo(g,h,i)perylene	23.12	276	232051	39.834	ng	99

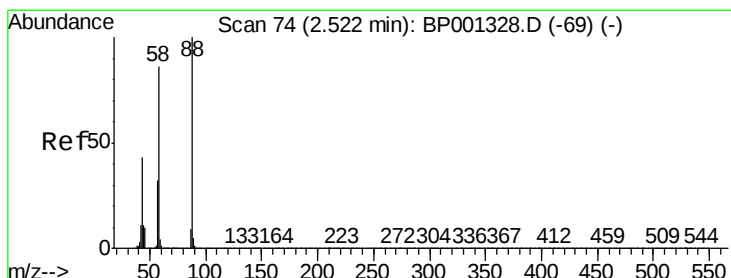
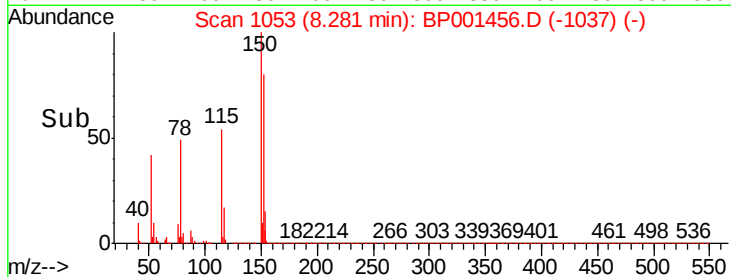
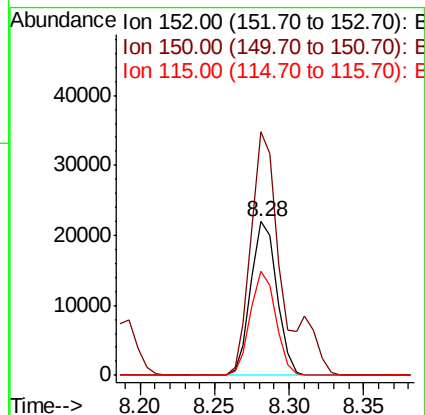
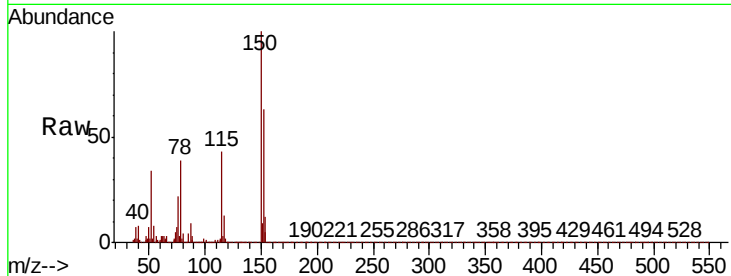
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

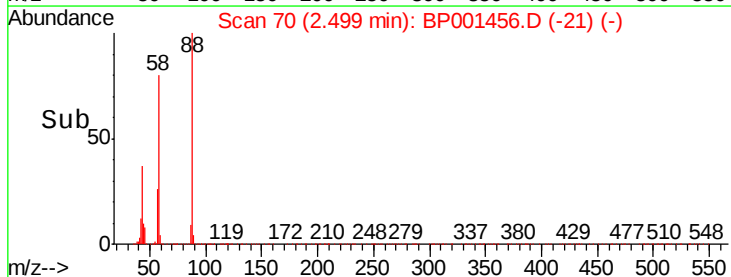
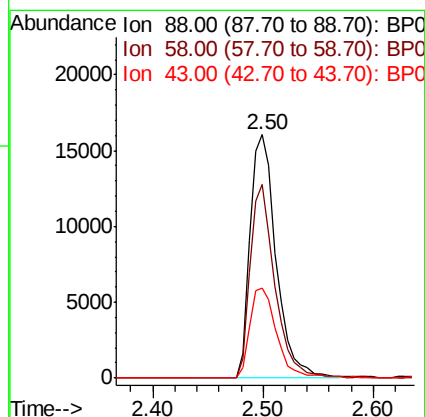
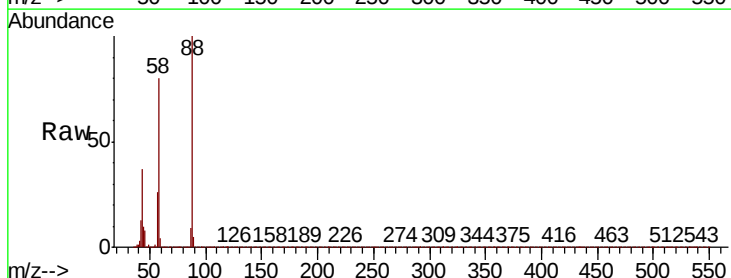
Instrument :
 BNA_P
 ClientSampleId :

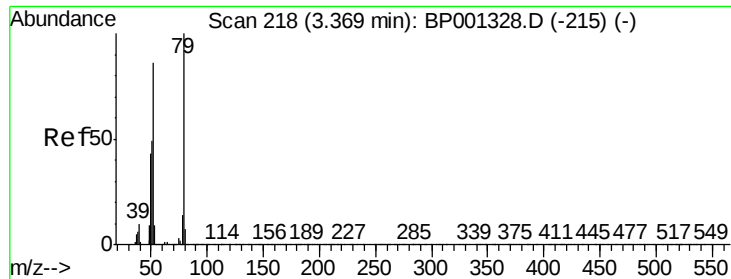
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.0	190.6
115	67.6	56.1	84.1



#2
 1,4-Dioxane
 Concen: 39.461 ng
 RT: 2.50 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	66.9	100.3
43	38.3	32.9	49.3

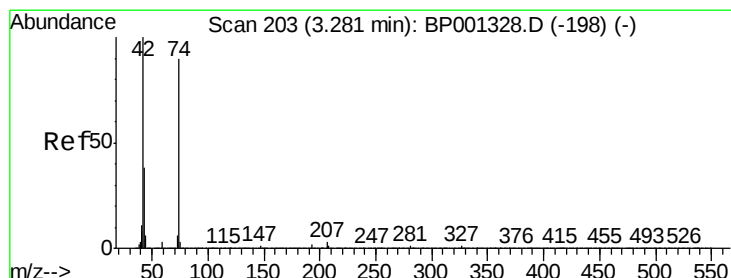
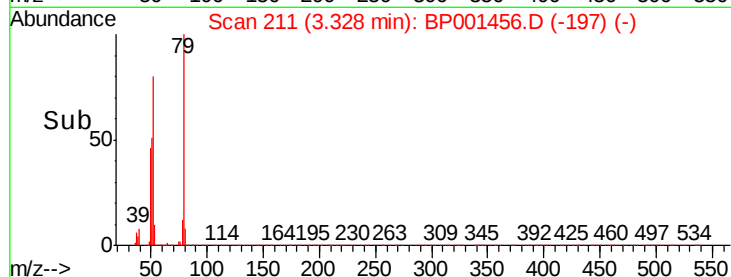
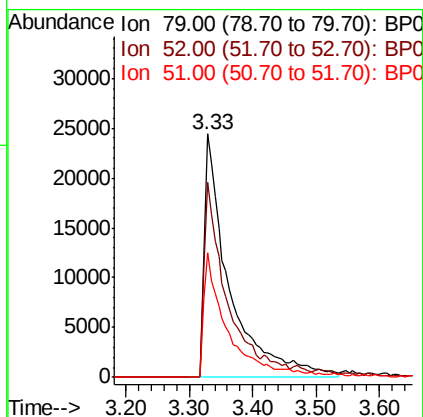
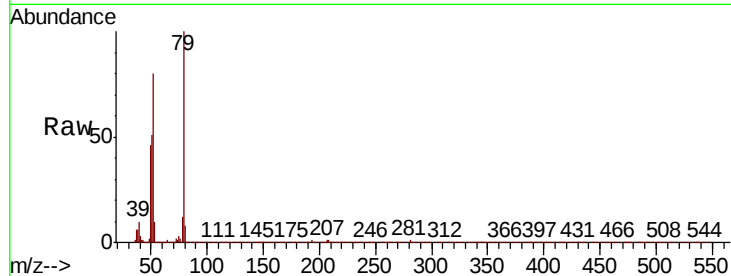




#3
 Pvridine
 Concen: 36.145 ng
 RT: 3.33 min Scan# 211
 Delta R.T. -0.02 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

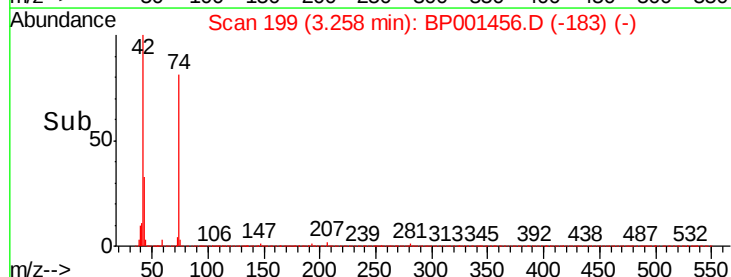
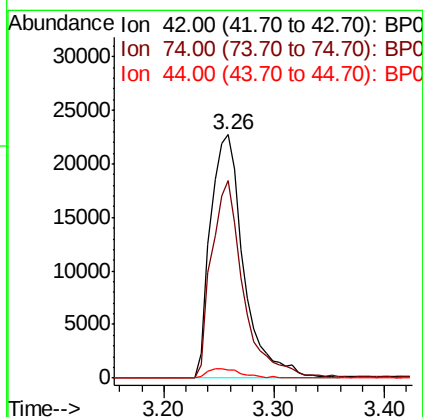
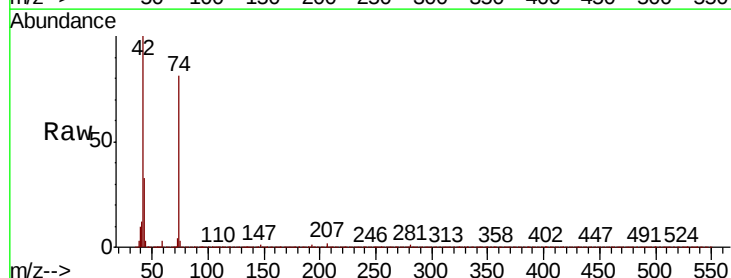
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 BNA_P
 ClientSampleId :

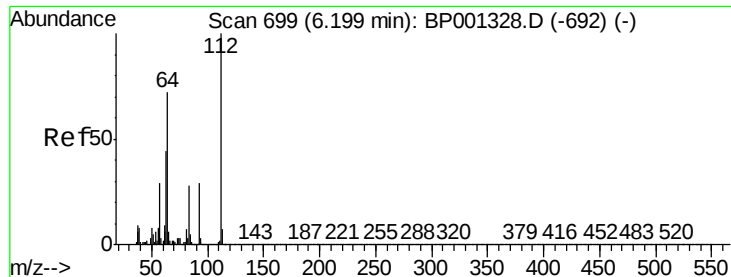
Tot Ion: 79 Resp: 66661
 Ion Ratio Lower Upper
 79 100
 52 79.9 64.6 96.8
 51 51.0 40.2 60.2



#4
 n-Nitrosodimethylamine
 Concen: 40.533 ng
 RT: 3.26 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

Tgt Ion: 42 Resp: 47334
 Ion Ratio Lower Upper
 42 100
 74 80.9 65.3 97.9
 44 3.4 3.8 5.6#





#5

2-Fluorophenol

Concen: 81.489 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

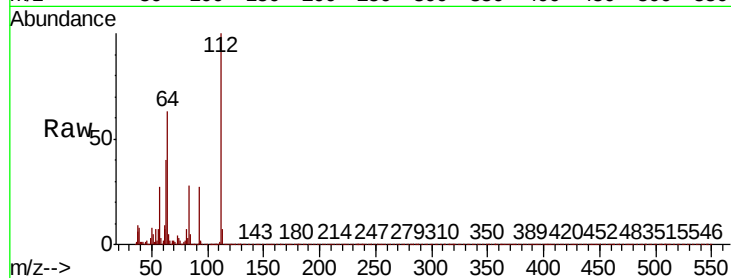
Tot Ion: 112 Resp: 133680

Ion Ratio Lower Upper

112 100

64 63.0 53.9 80.9

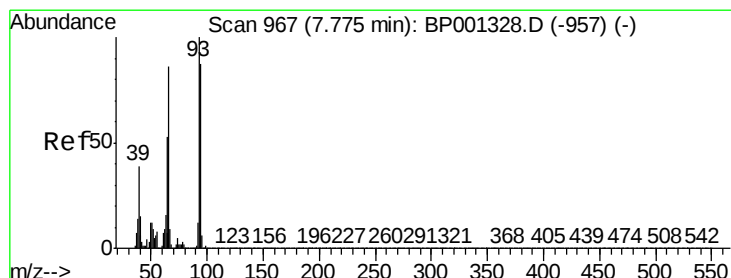
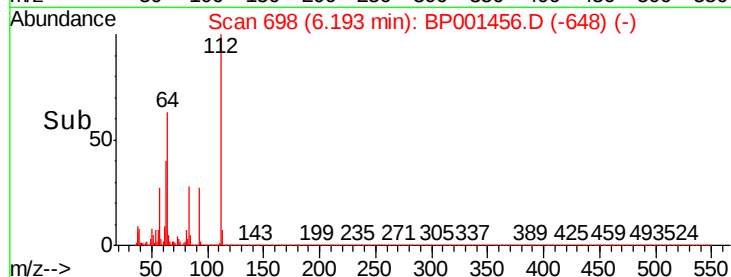
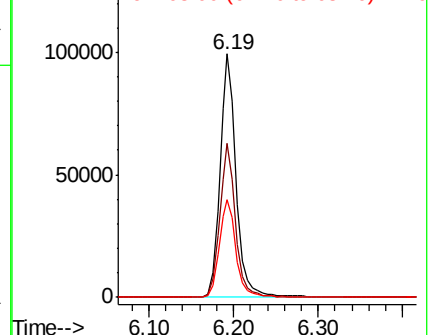
63 39.9 33.4 50.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 41.091 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

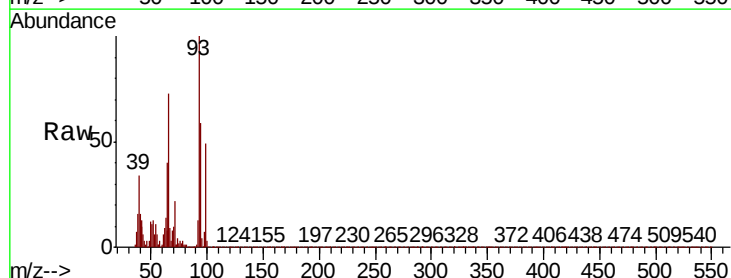
Tgt Ion: 93 Resp: 110727

Ion Ratio Lower Upper

93 100

66 73.3 69.0 103.6

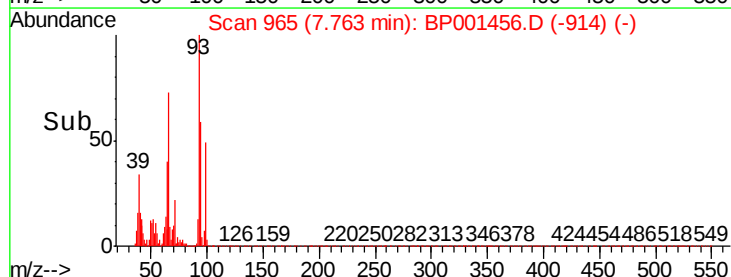
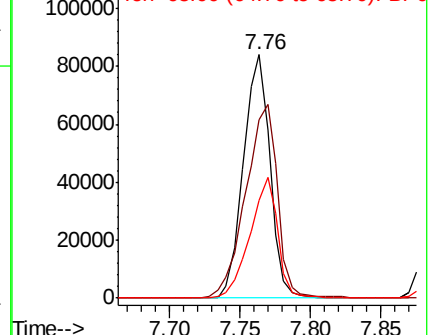
65 40.0 41.1 61.7#

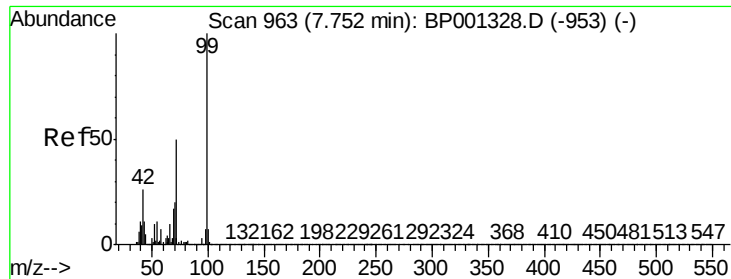


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 81.944 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

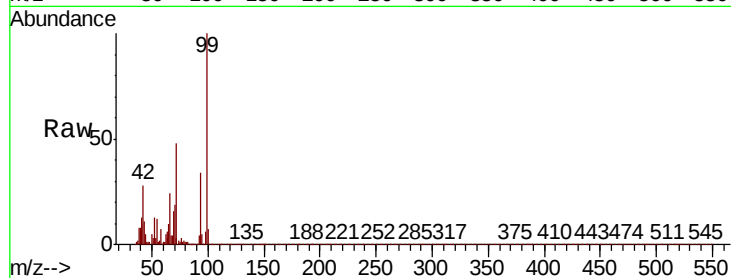
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 175409

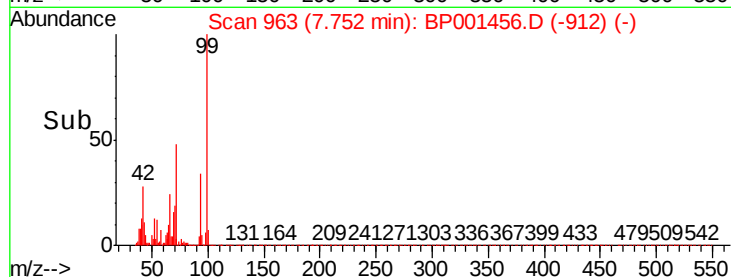
Ion	Ratio	Lower	Upper
99	100		
42	27.8	20.8	31.2
71	48.3	38.2	57.4



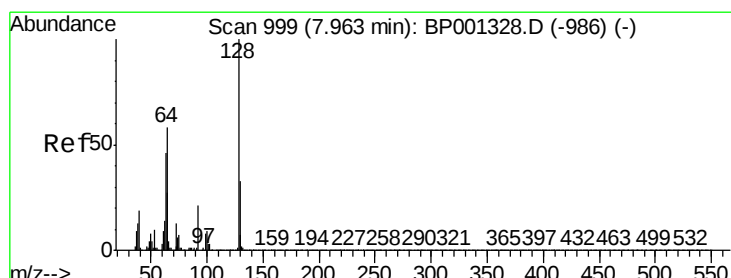
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#8

2-Chlorophenol

Concen: 42.049 ng

RT: 7.95 min Scan# 997

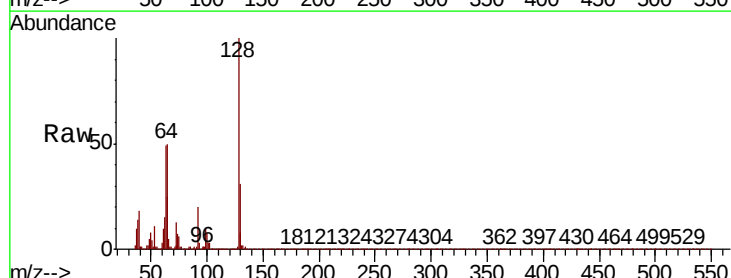
Delta R.T. 0.00 min

Lab File: BP001456.D

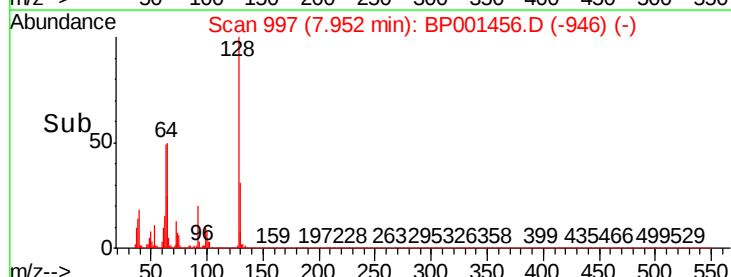
Acq: 27 Dec 2019 14:02

Tgt Ion: 128 Resp: 69348

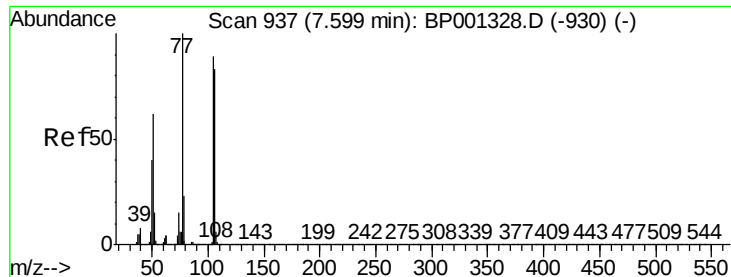
Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	49.8	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): E



Time-->



#9

Benzaldehyde

Concen: 33.798 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampled :

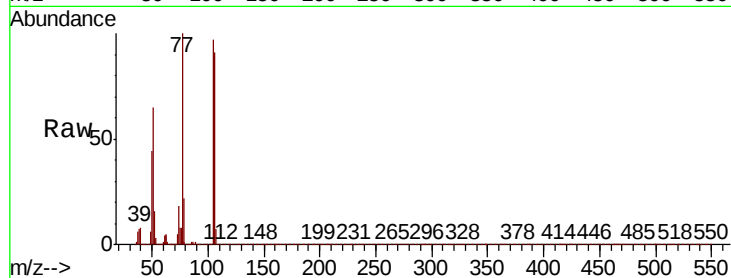
Tot Ion: 77 Resp: 50752

Ion Ratio Lower Upper

77 100

105 97.1 75.7 115.7

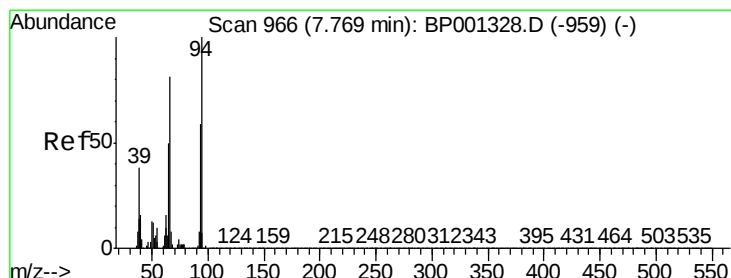
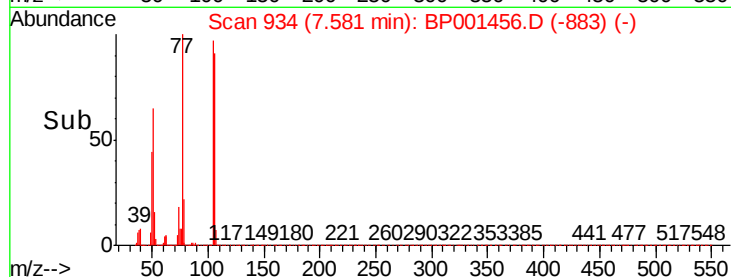
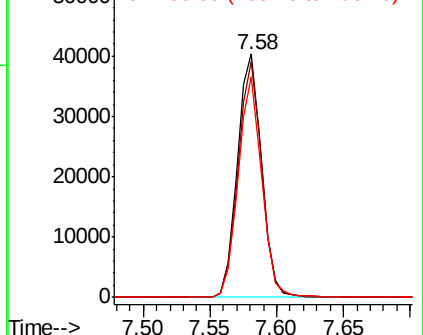
106 90.7 70.5 110.5



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.551 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

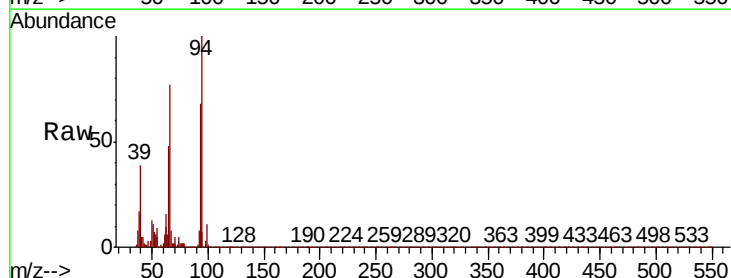
Tgt Ion: 94 Resp: 96734

Ion Ratio Lower Upper

94 100

65 48.3 29.6 69.6

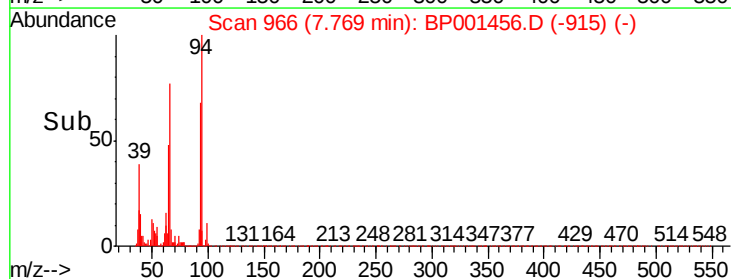
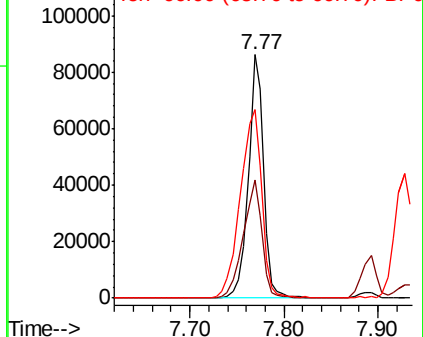
66 77.5 62.3 102.3

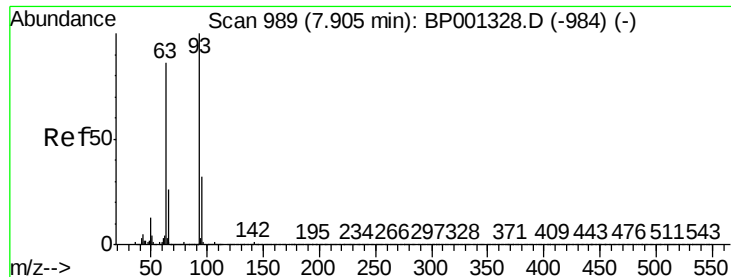


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

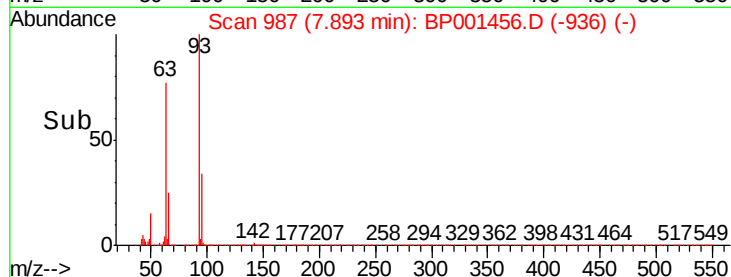
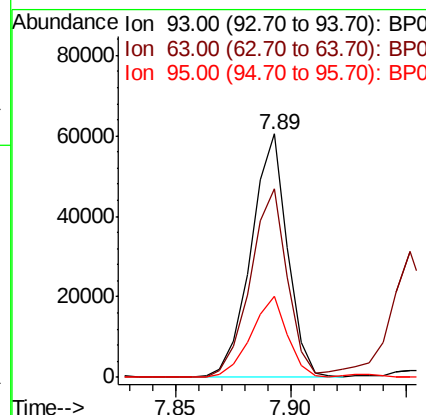
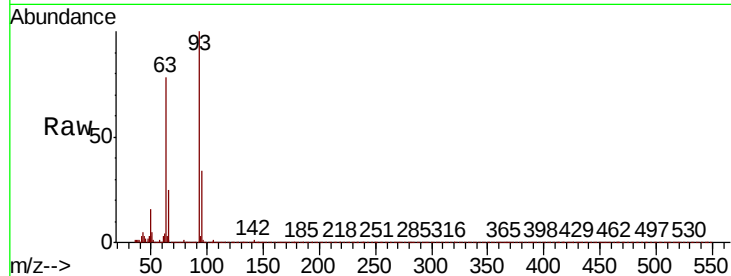




#11
bis(2-Chloroethyl)ether
Concen: 38.394 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

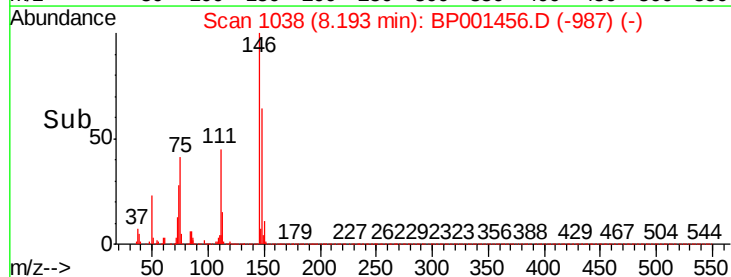
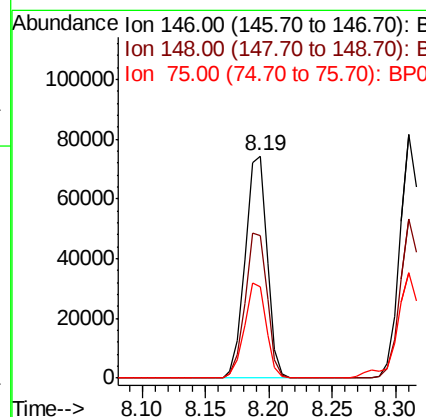
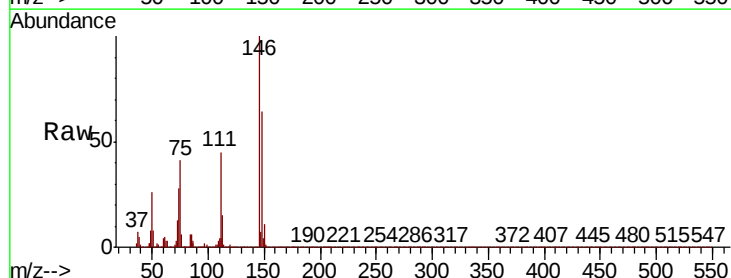
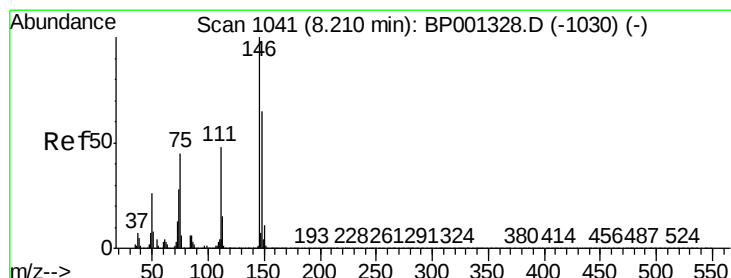
Instrument :
BNA_P
ClientSampleId :

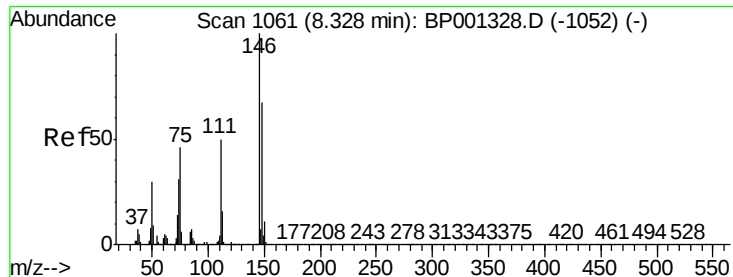
Tot Ion: 93 Resp: 66434
Ion Ratio Lower Upper
93 100
63 77.6 64.9 104.9
95 33.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.111 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion: 146 Resp: 88561
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.2
75 40.9 35.8 53.8

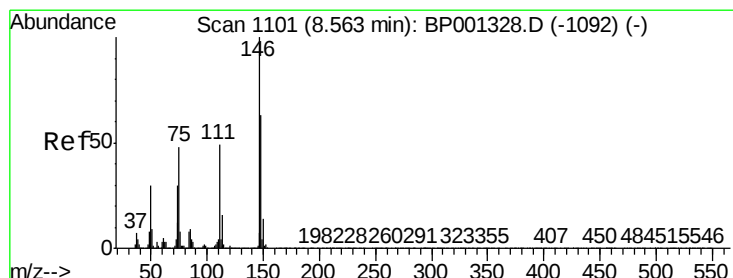
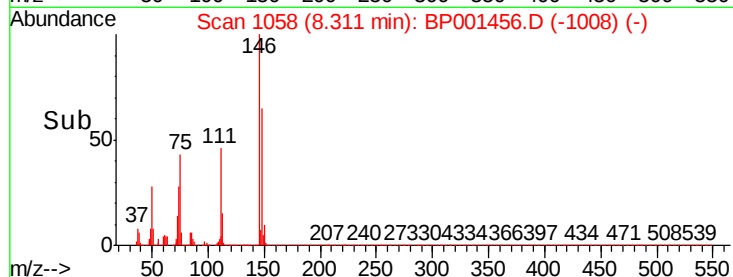
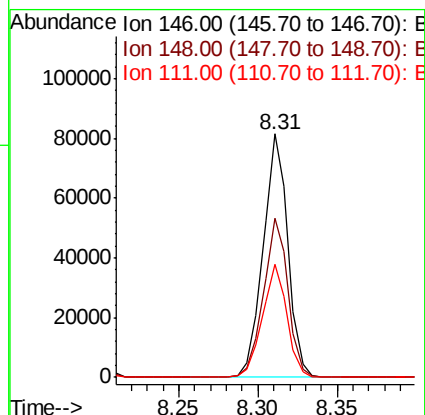
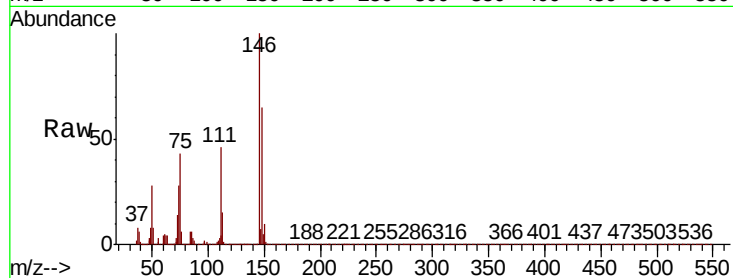




#13
 1,4-Dichlorobenzene
 Concen: 42.429 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

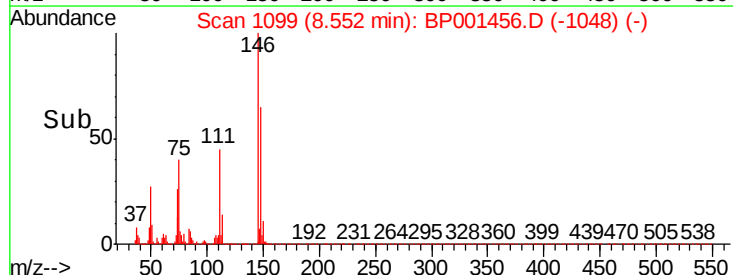
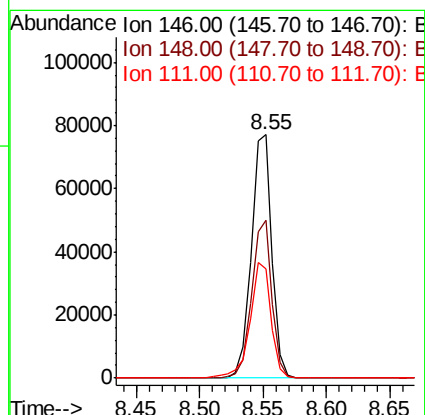
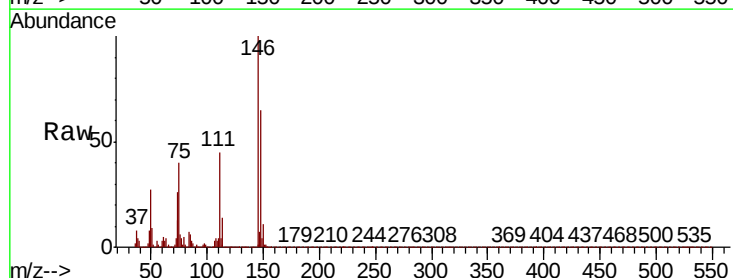
Instrument :
 BNA_P
 ClientSampleId :

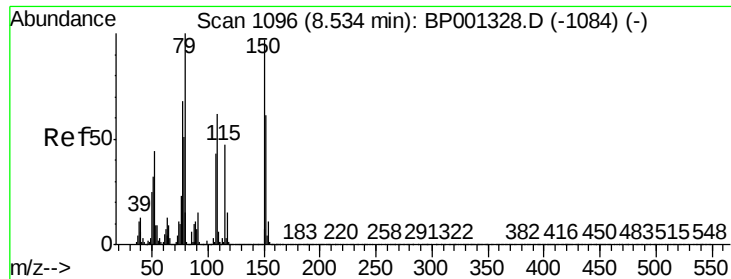
Tot Ion:146 Resp: 88800
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 46.4 36.8 55.2



#14
 1,2-Dichlorobenzene
 Concen: 43.453 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

Tgt Ion:146 Resp: 86639
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.1 79.7
 111 45.1 39.5 59.3

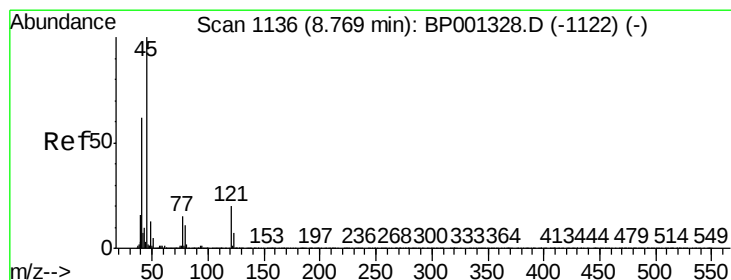
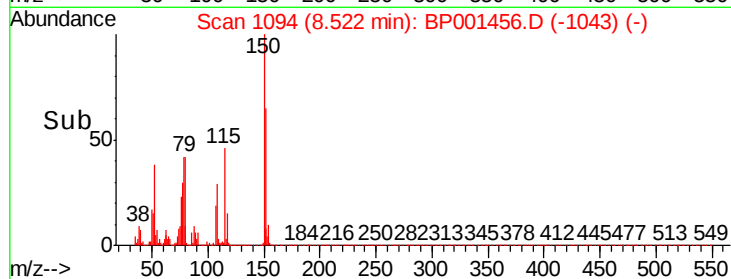
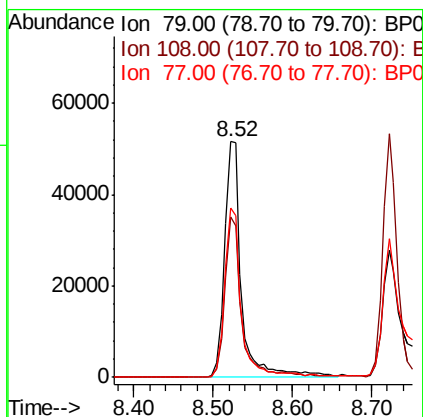
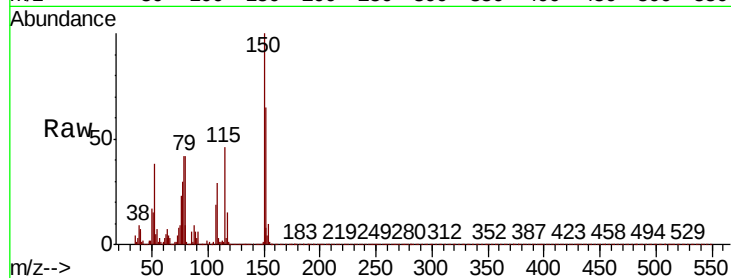




#15
Benzyl Alcohol
Concen: 37.835 ng
RT: 8.52 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

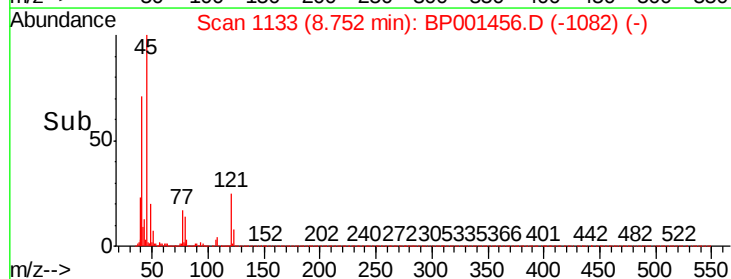
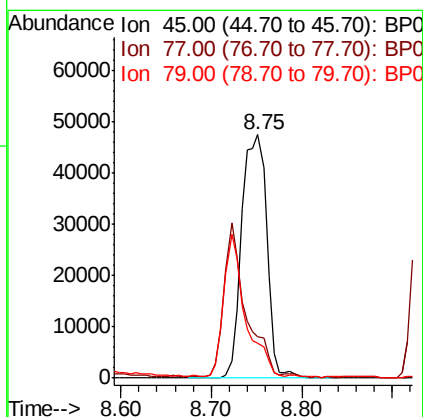
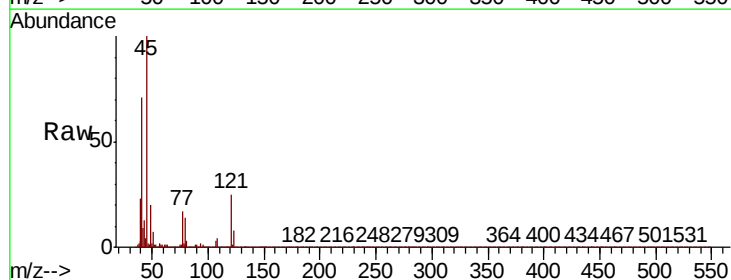
Instrument :
BNA_P
ClientSampleId :

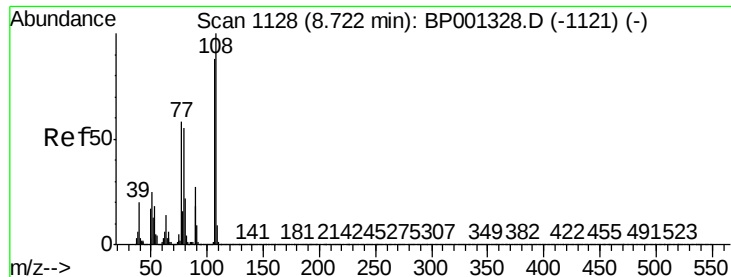
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.4	49.0	73.4
77	72.0	56.7	85.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.149 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	34.7
79	14.4	0.0	31.8





#17

2-Methylphenol

Concen: 40.754 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 59393

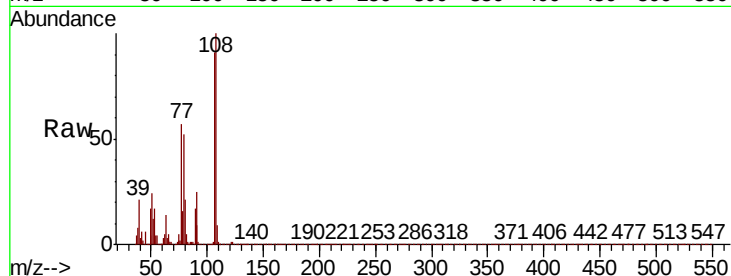
Ion Ratio Lower Upper

107 100

108 110.2 88.8 133.2

77 62.6 48.9 73.3

79 57.8 48.8 73.2

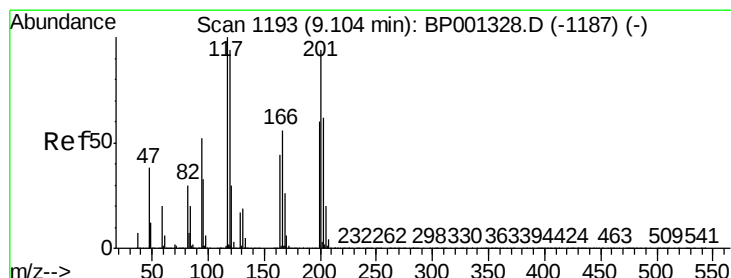
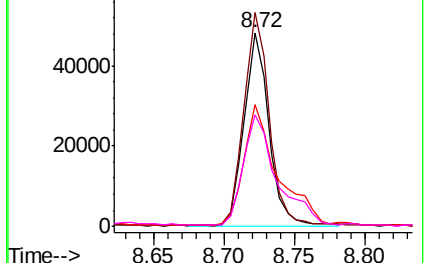
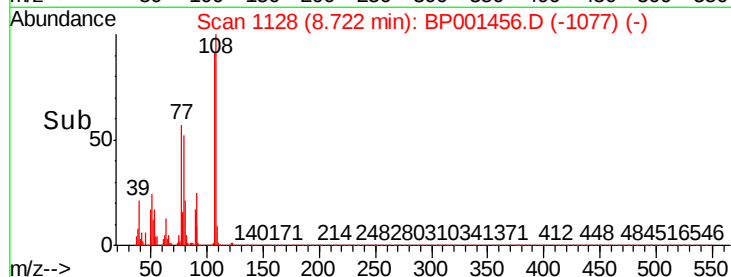


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 40.734 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

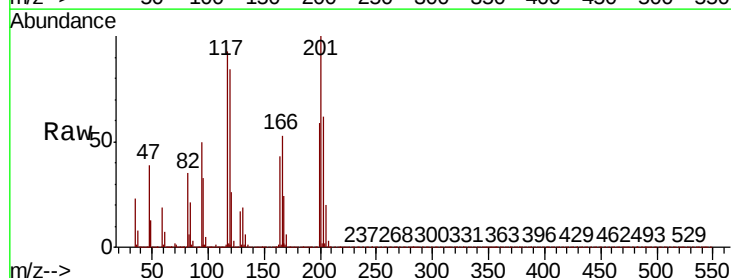
Tgt Ion:117 Resp: 36267

Ion Ratio Lower Upper

117 100

119 90.6 75.8 113.6

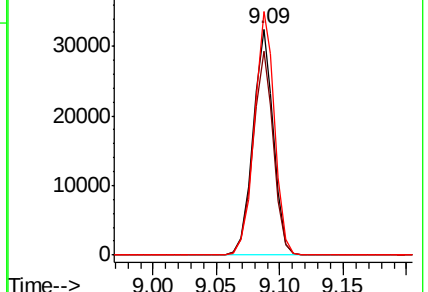
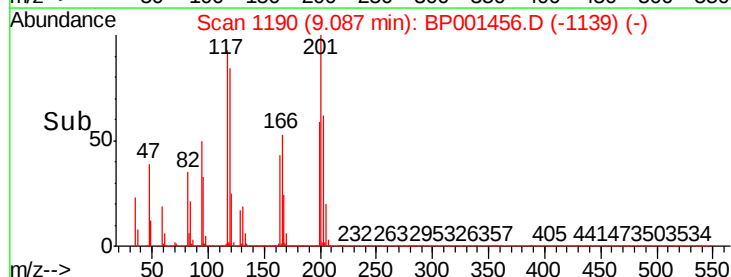
201 107.9 77.8 116.6

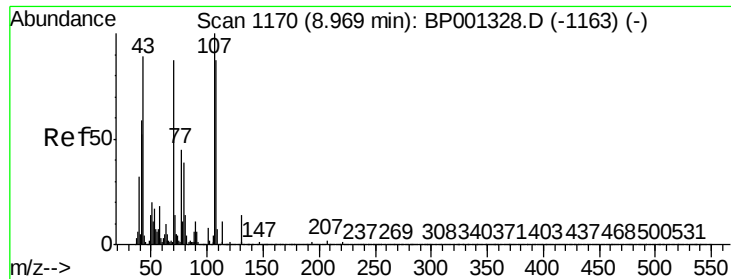


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

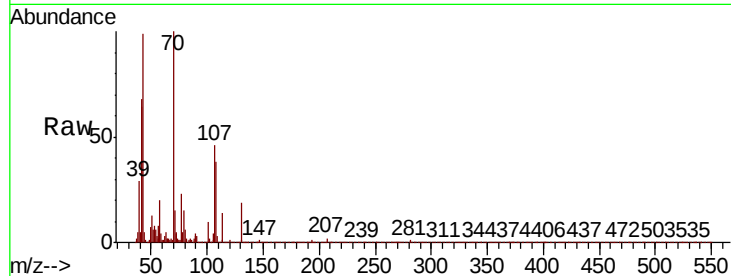




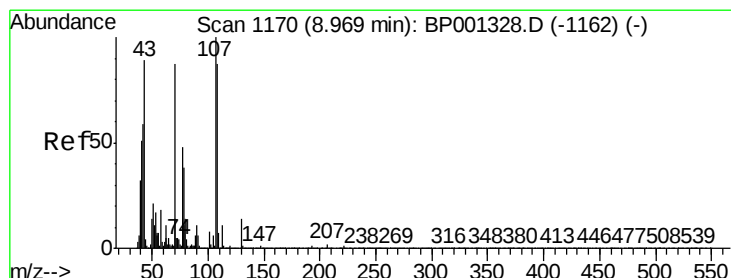
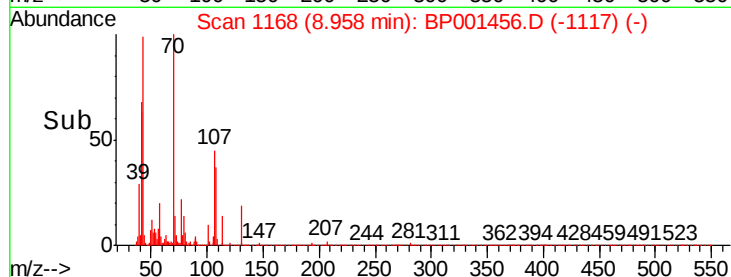
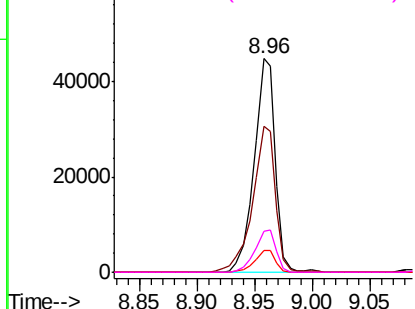
#19
n-Nitroso-di-n-propylamine
Concen: 37.435 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	56887
Ion	Ratio	Lower	Upper
70	100		
42	68.1	55.8	83.8
101	10.0	8.2	12.2
130	19.2	14.5	21.7

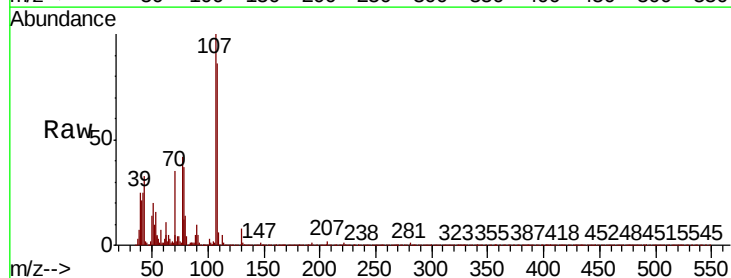


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

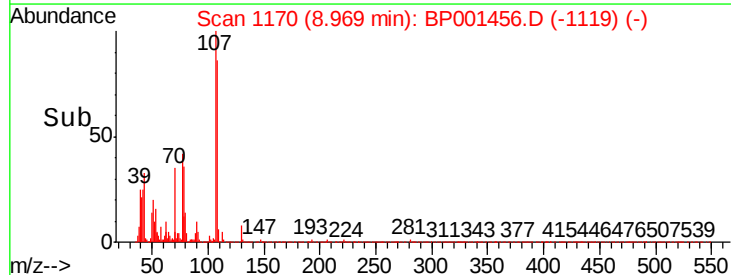
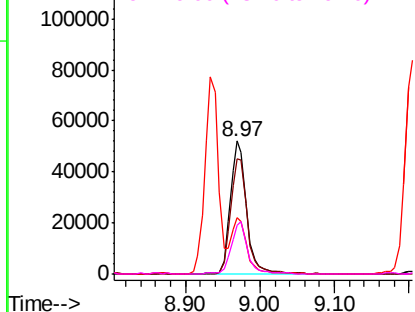


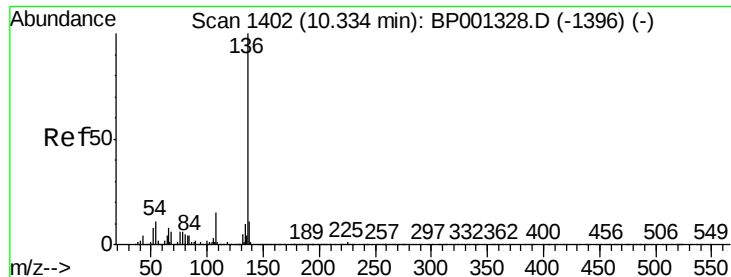
#20
3+4-Methylphenols
Concen: 40.734 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:	107	Resp:	78776
Ion	Ratio	Lower	Upper
107	100		
108	86.2	70.4	110.4
77	42.4	24.5	64.5
79	36.8	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: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 94524

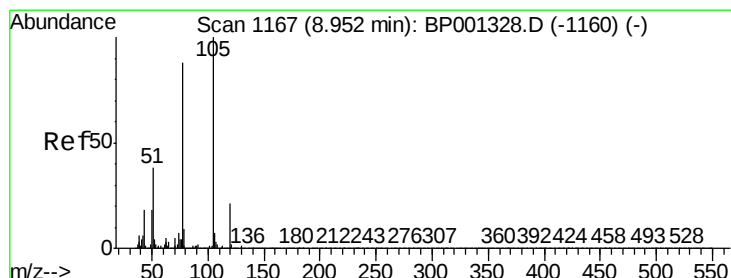
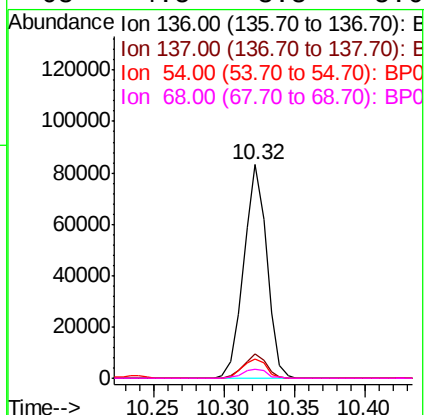
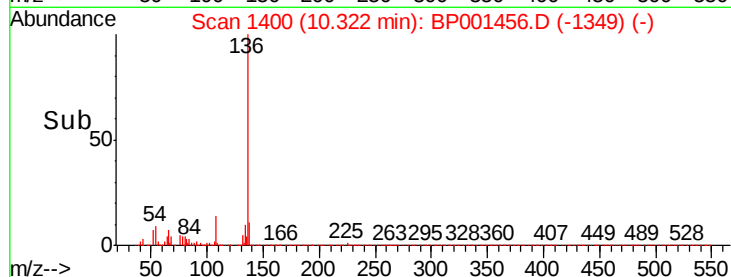
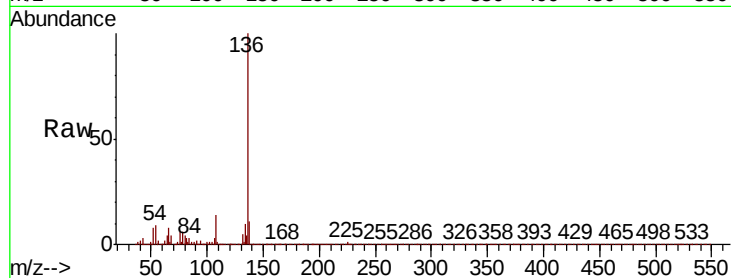
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 9.1 7.3 10.9

68 4.5 3.8 5.6



#22

Acetophenone

Concen: 39.456 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Tgt Ion:105 Resp: 117937

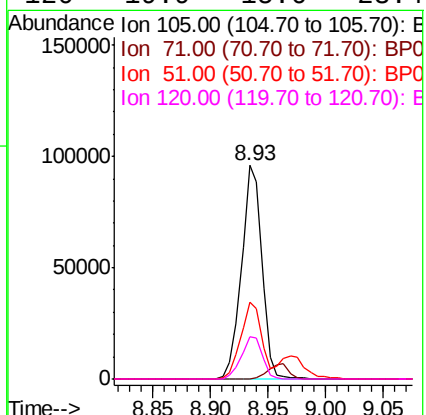
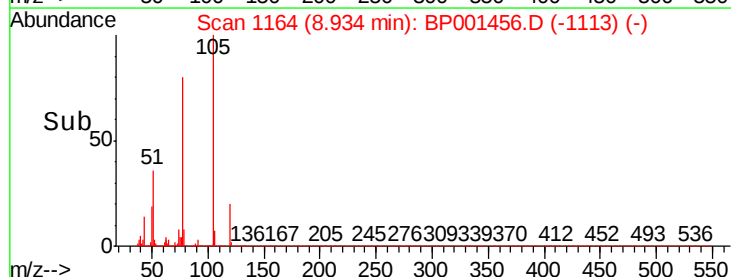
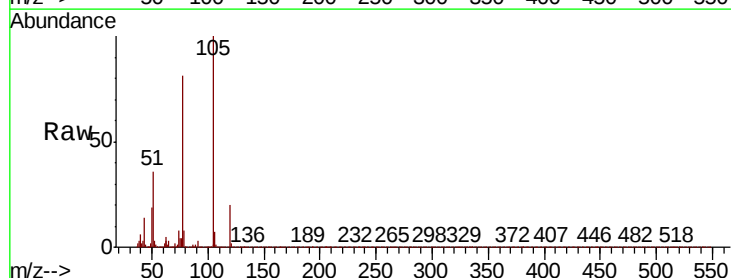
Ion Ratio Lower Upper

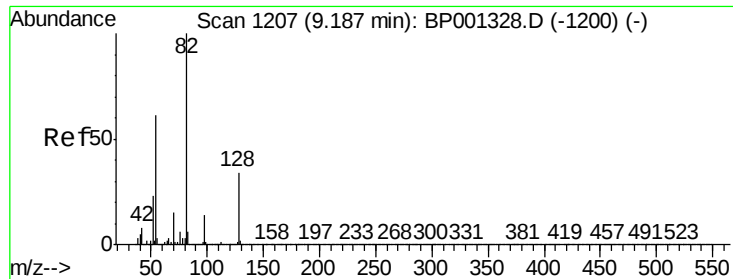
105 100

71 0.2 0.2 0.4#

51 36.1 29.8 44.6

120 19.9 15.6 23.4

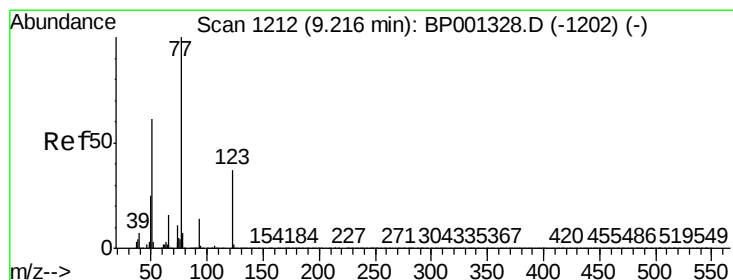
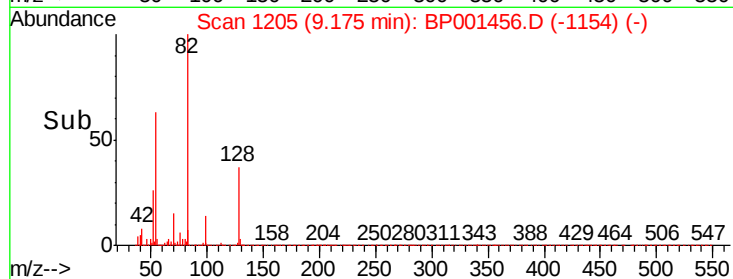
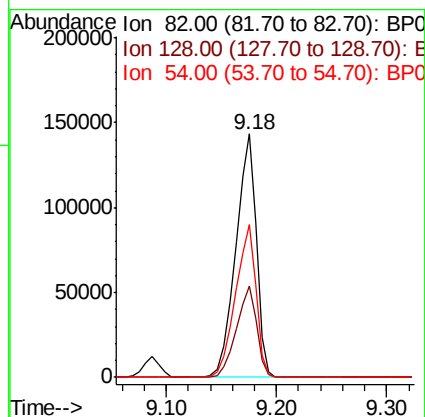
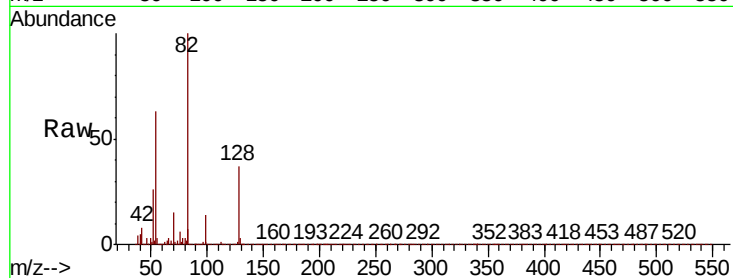




#23
Nitrobenzene-d5
Concen: 76.121 ng
RT: 9.18 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

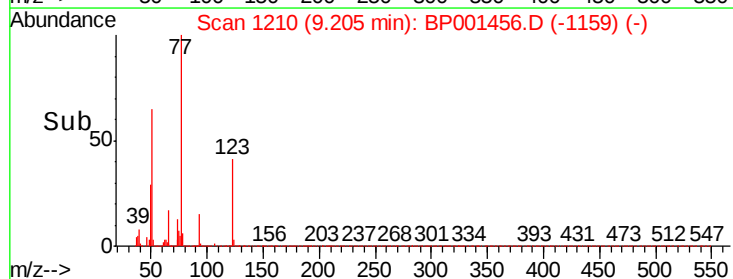
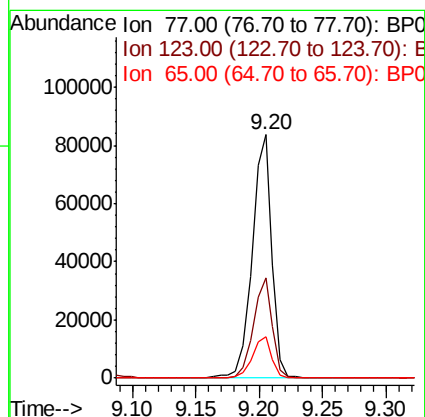
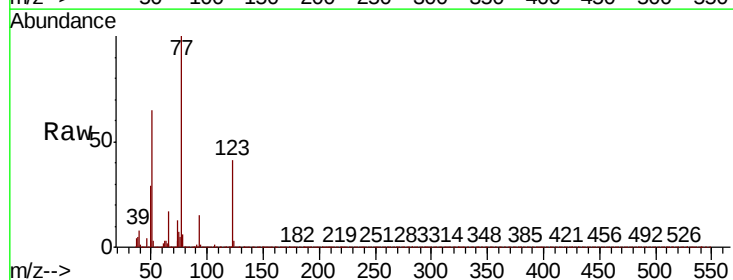
Instrument :
BNA_P
ClientSampleId :

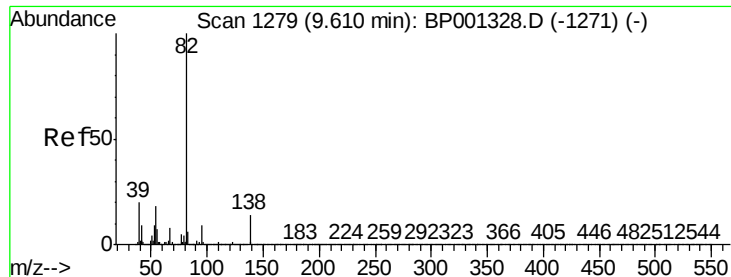
Tot Ion: 82 Resp: 187371
Ion Ratio Lower Upper
82 100
128 37.4 27.4 41.0
54 62.6 47.5 71.3



#24
Nitrobenzene
Concen: 37.126 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion: 77 Resp: 89944
Ion Ratio Lower Upper
77 100
123 41.2 30.9 46.3
65 17.1 13.0 19.4





#25

Isophorone

Concen: 36.893 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

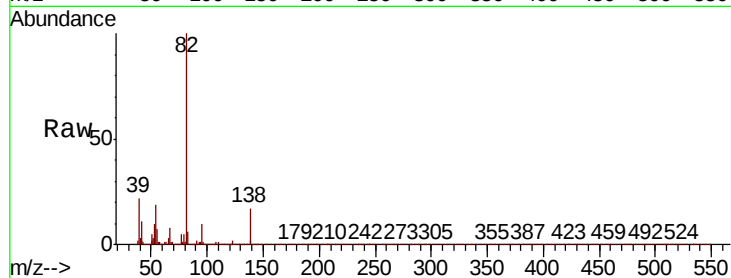
Tot Ion: 82 Resp: 146018

Ion Ratio Lower Upper

82 100

95 10.3 7.3 10.9

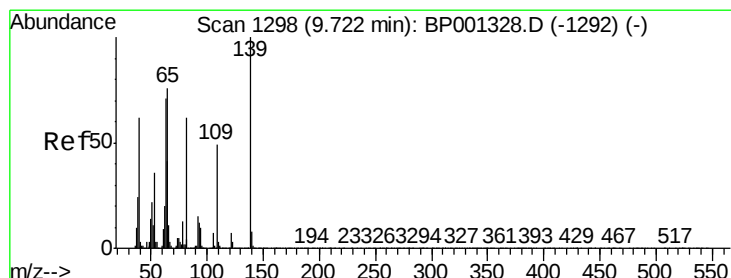
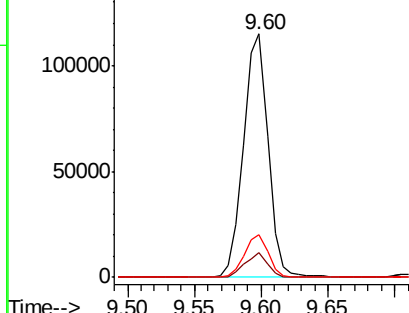
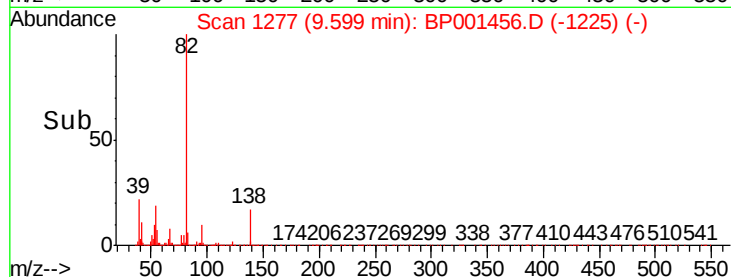
138 17.4 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 43.890 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

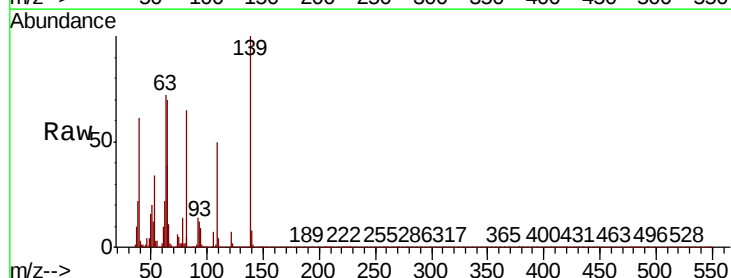
Tgt Ion: 139 Resp: 37916

Ion Ratio Lower Upper

139 100

109 50.1 40.5 60.7

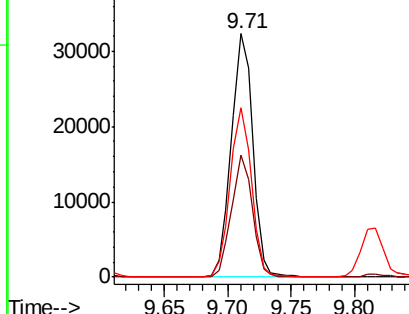
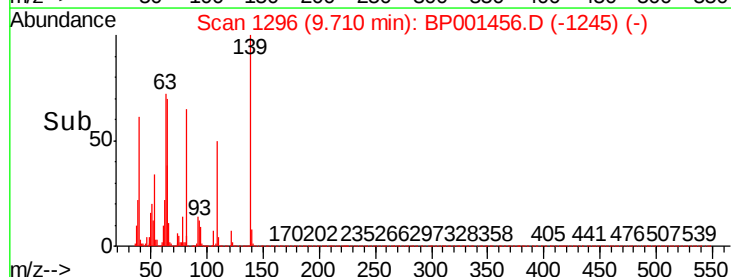
65 69.8 56.2 84.4

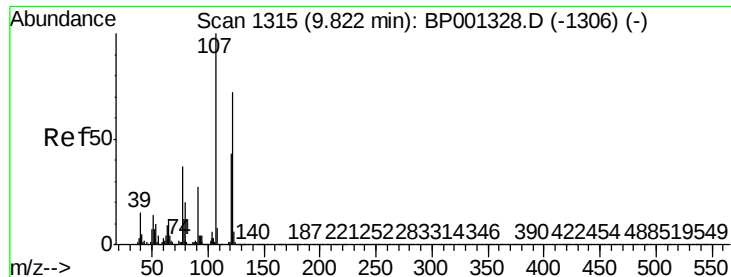


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

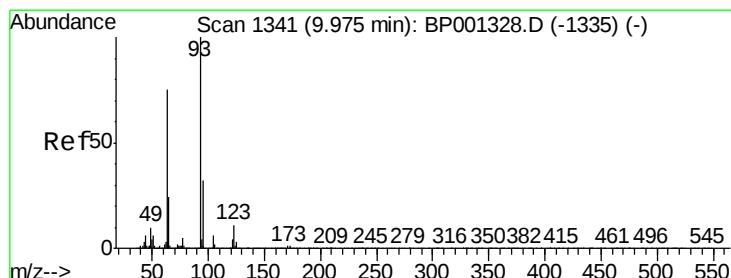
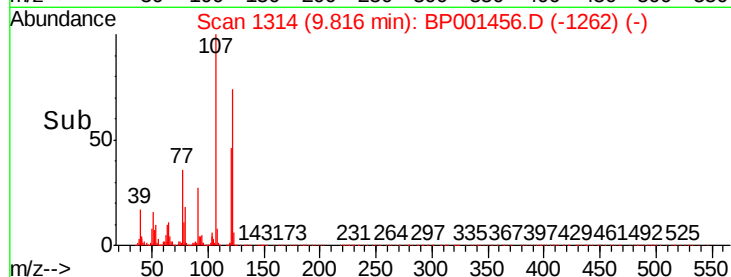
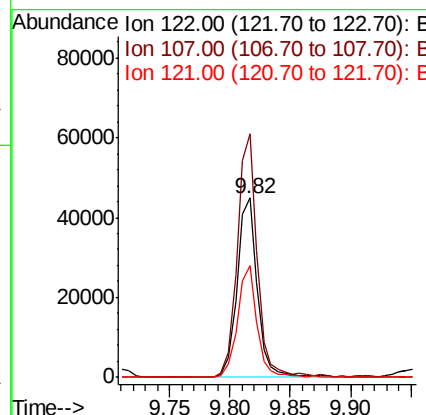
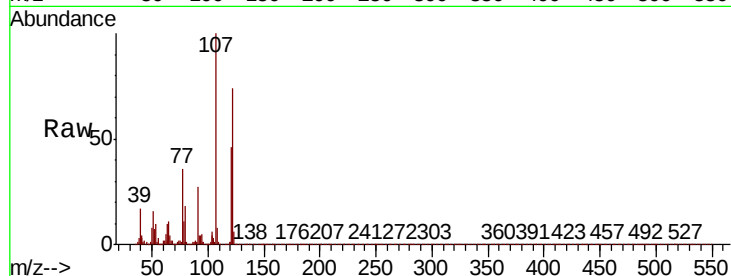




#27
2,4-Dimethylphenol
Concen: 41.555 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

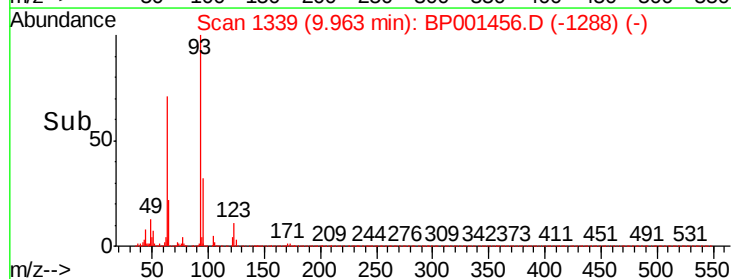
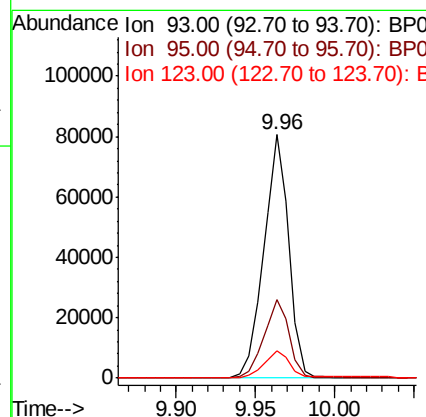
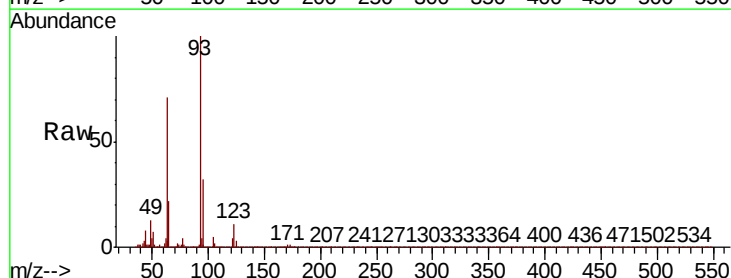
Instrument :
BNA_P
ClientSampleId :

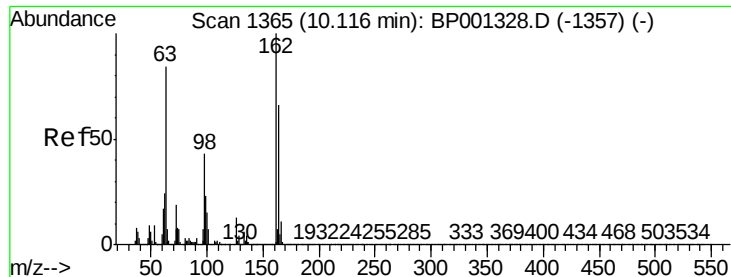
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.7	106.5	159.7
121	62.5	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 37.307 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.1	9.0	13.6

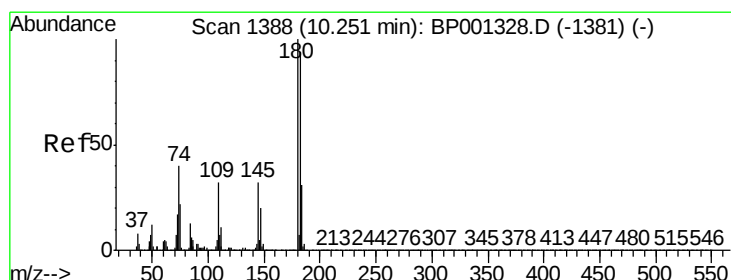
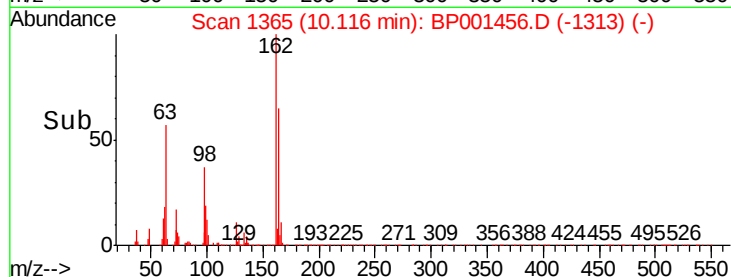
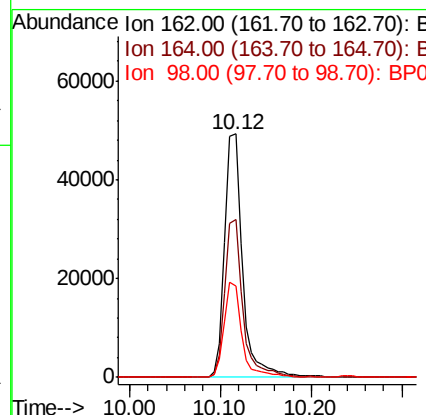
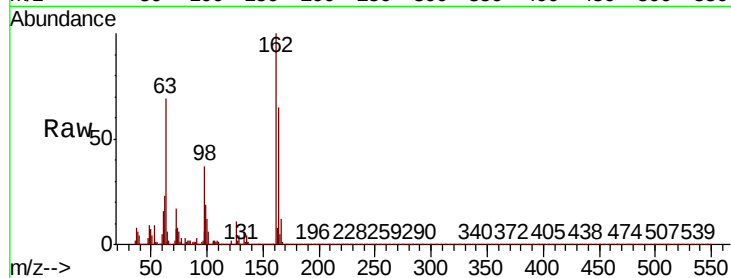




#29
2,4-Dichlorophenol
Concen: 42.842 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

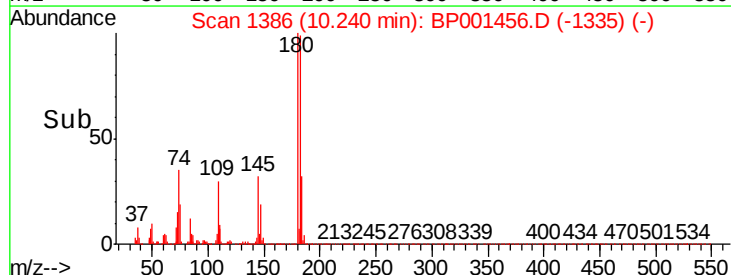
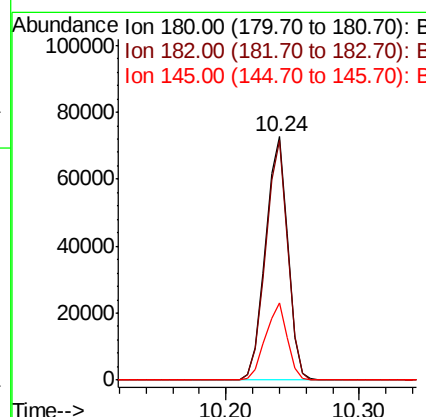
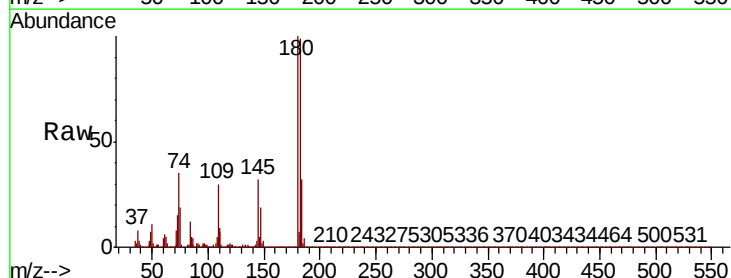
Instrument :
BNA_P
ClientSampleId :

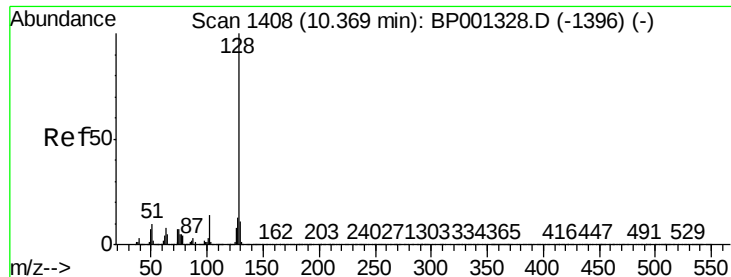
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.8	84.8
98	37.5	18.5	58.5



#30
1,2,4-Trichlorobenzene
Concen: 43.263 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	79.3	118.9
145	31.9	23.1	34.7

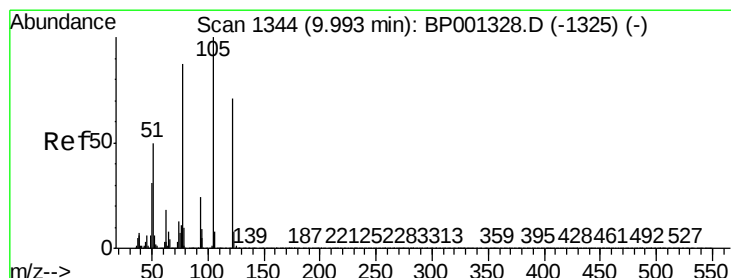
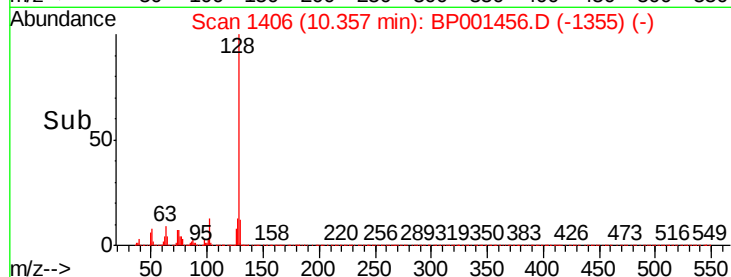
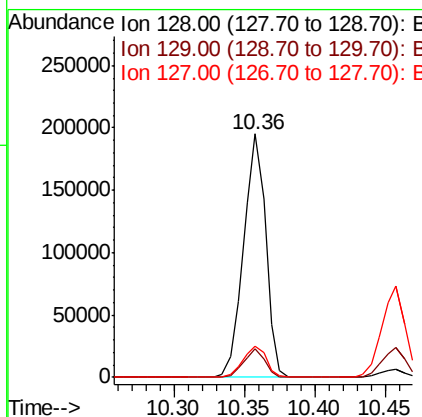
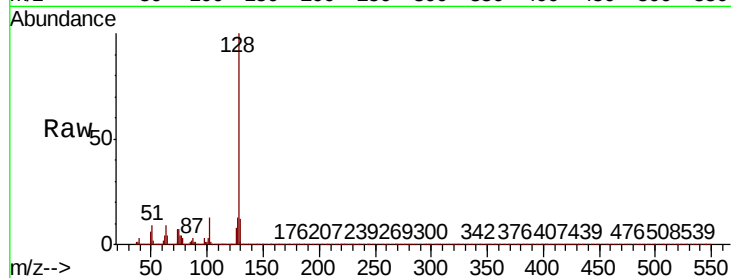




#31
Naphthalene
Concen: 41.751 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

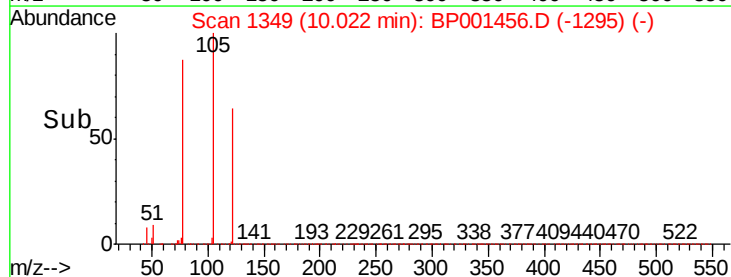
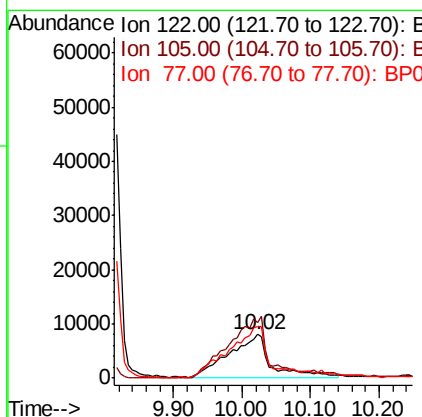
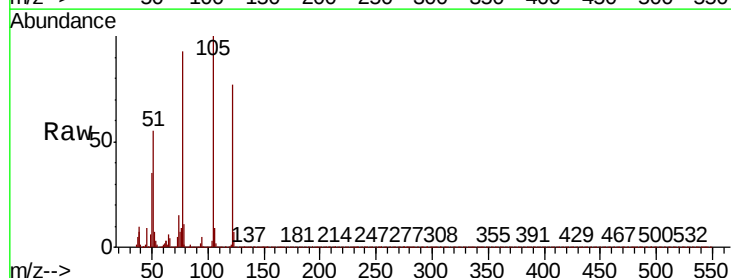
Instrument :
BNA_P
ClientSampleId :

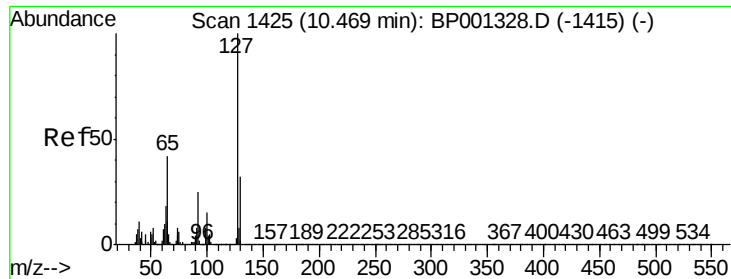
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.0	11.0	16.6



#32
Benzoic acid
Concen: 34.615 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	117.8	157.8
77	119.6	85.6	125.6

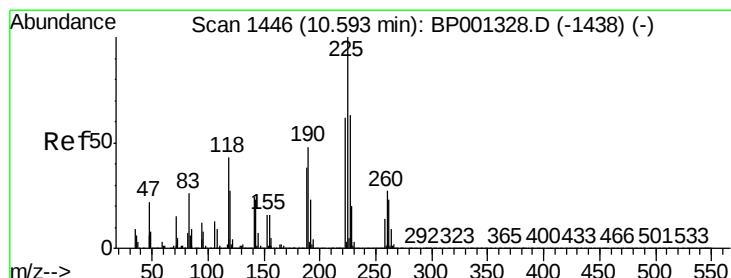
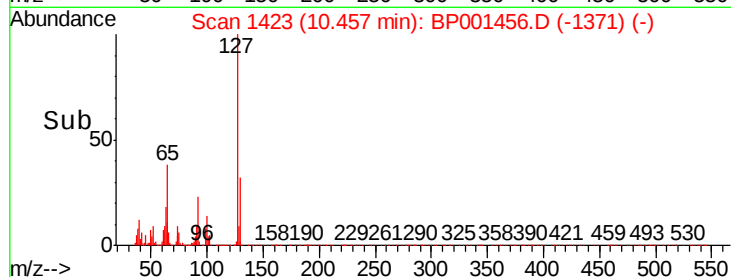
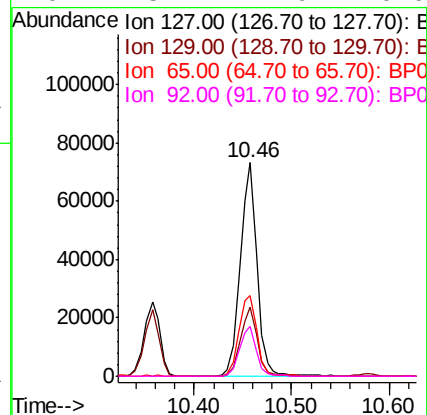
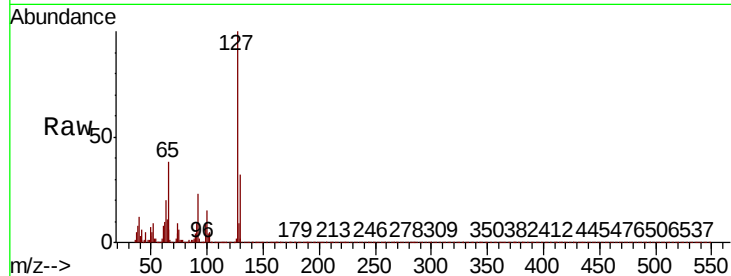




#33
4-Chloroaniline
Concen: 41.185 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

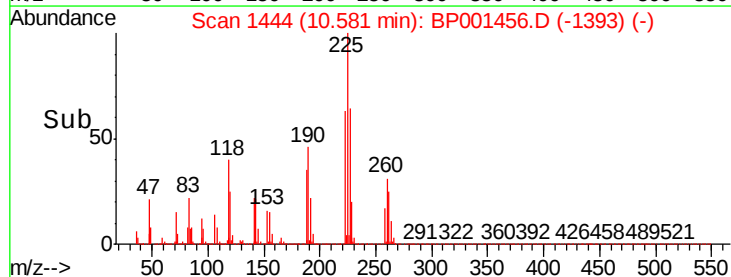
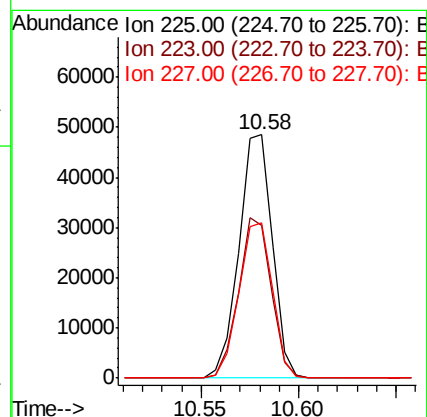
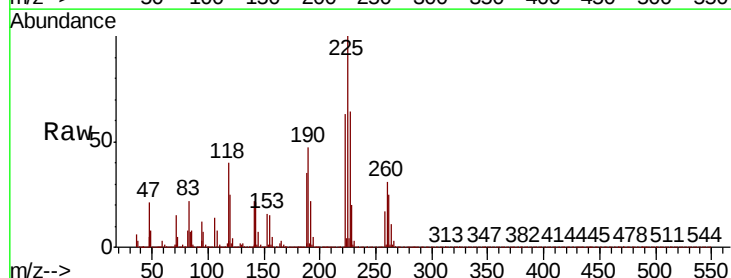
Instrument :
BNA_P
ClientSampleId :

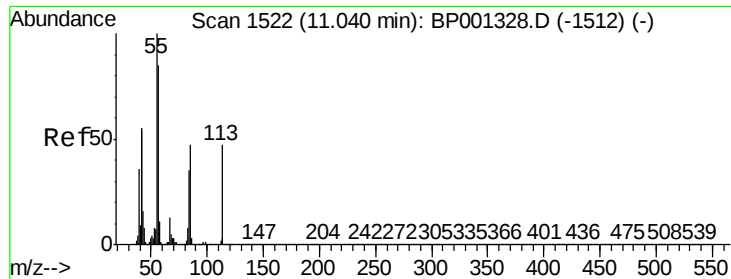
Tot Ion:	127	Resp:	86906
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	37.7	33.9	50.9
92	23.4	17.9	26.9



#34
Hexachlorobutadiene
Concen: 42.513 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:	225	Resp:	57382
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.4	77.0
227	64.0	57.0	85.4

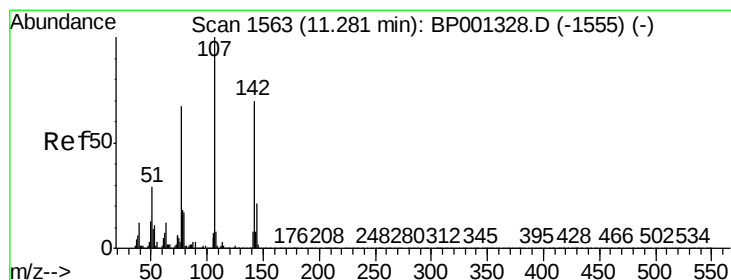
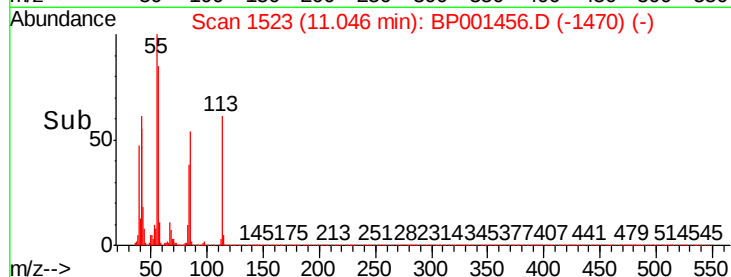
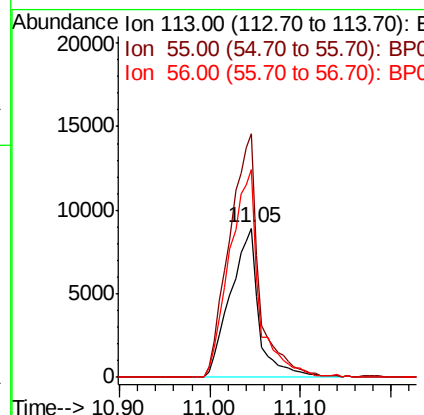
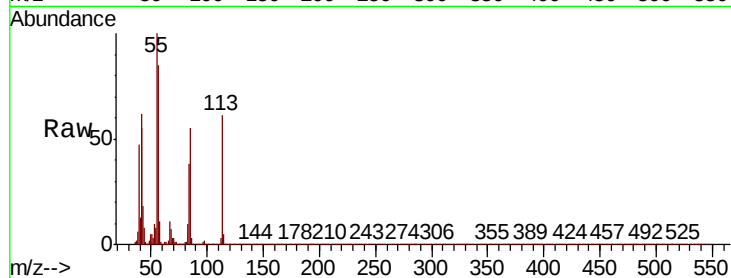




#35
 Caprolactam
 Concen: 41.996 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

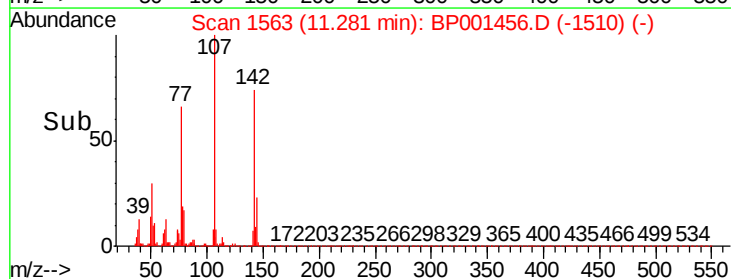
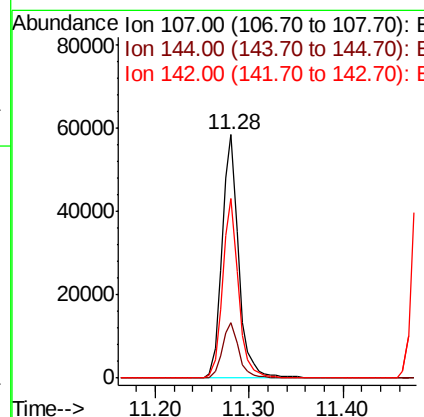
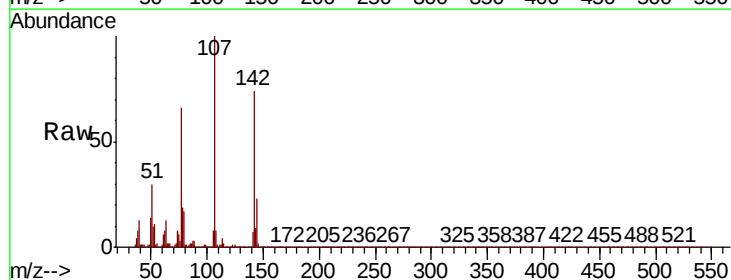
Instrument :
 BNA_P
 ClientSampleId :

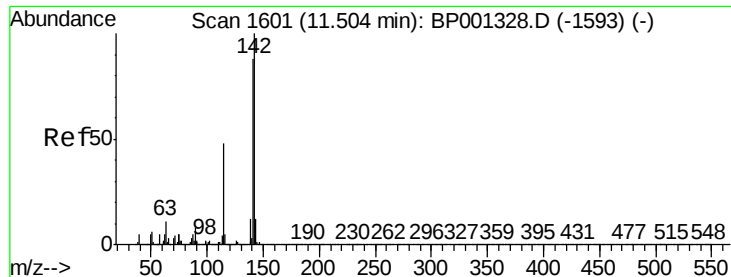
Tot Ion:113 Resp: 19660
 Ion Ratio Lower Upper
 113 100
 55 163.5 164.2 204.2#
 56 139.6 130.8 170.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.450 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

Tgt Ion:107 Resp: 72529
 Ion Ratio Lower Upper
 107 100
 144 22.6 17.8 26.8
 142 73.7 56.2 84.4

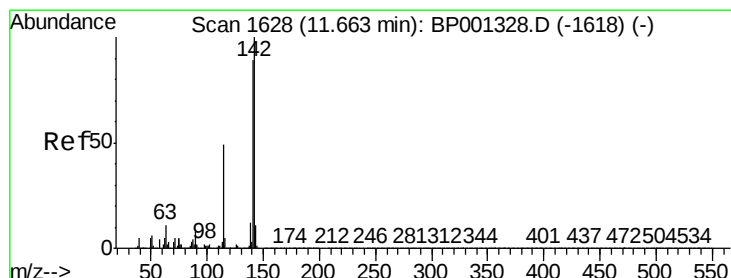
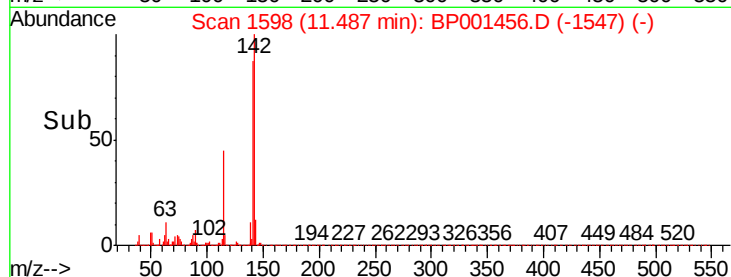
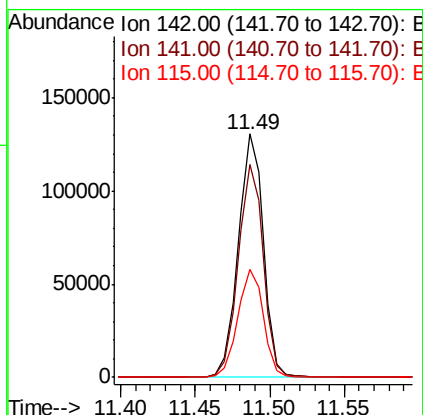
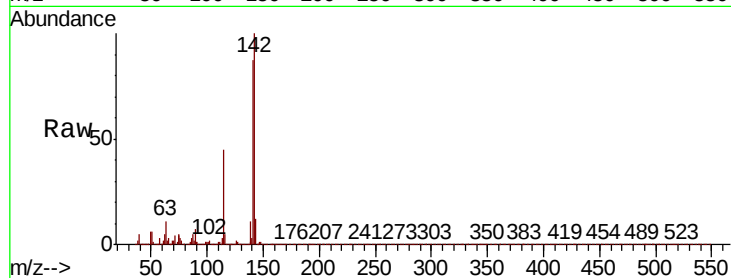




#37
2-Methylnaphthalene
Concen: 42.826 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

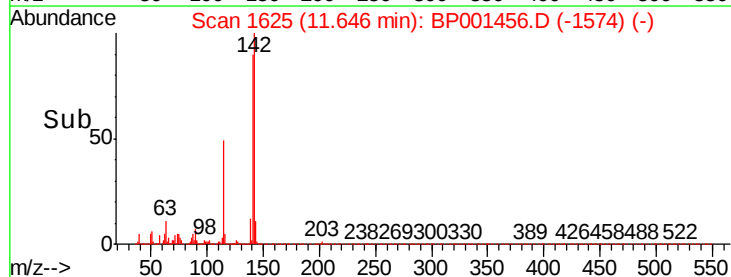
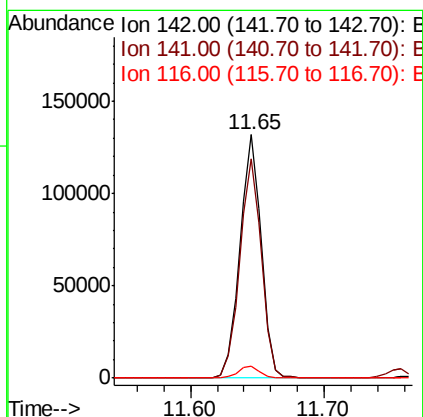
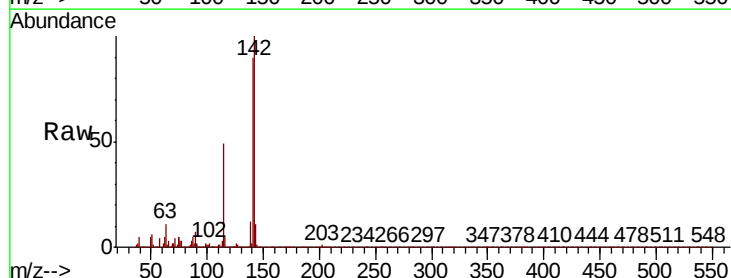
Instrument :
BNA_P
ClientSampleId :

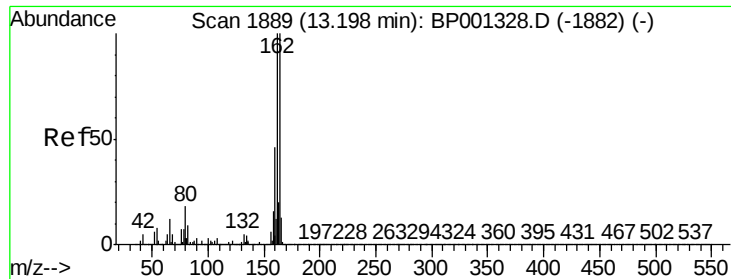
Tot Ion:142 Resp: 152554
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
115 44.5 37.0 55.4



#38
1-Methylnaphthalene
Concen: 43.473 ng
RT: 11.65 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:142 Resp: 145589
Ion Ratio Lower Upper
142 100
141 89.9 72.9 109.3
116 4.9 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.19 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

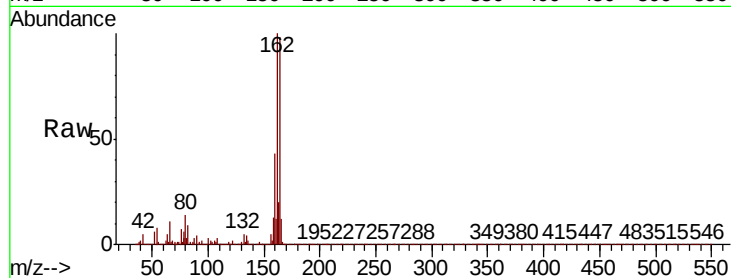
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 57249

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.2	117.4
160	44.4	35.1	52.7

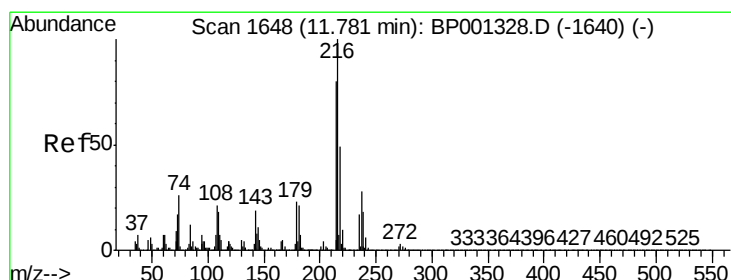
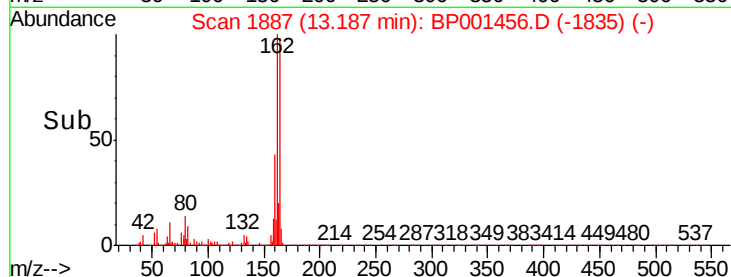
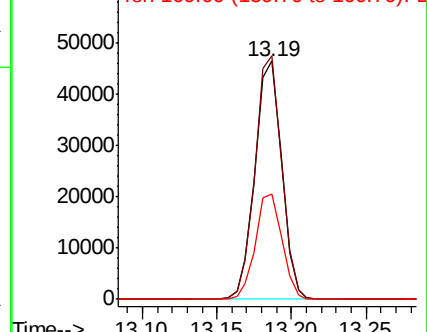


Abundance

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: 43.386 ng

RT: 11.76 min Scan# 1645

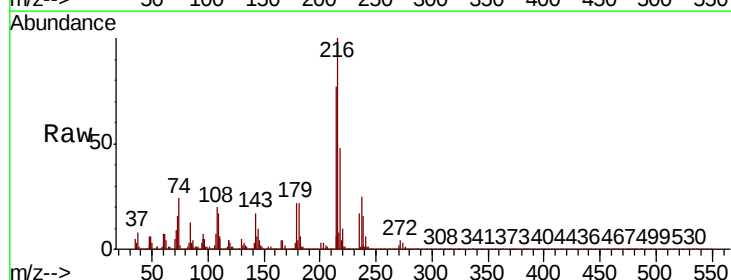
Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Tgt Ion:216 Resp: 91838

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.1	93.1
179	21.4	17.1	25.7
108	21.3	16.0	24.0



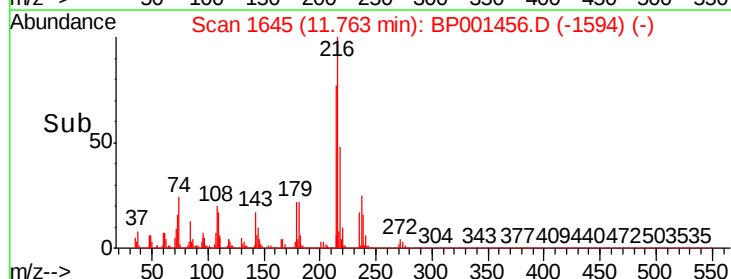
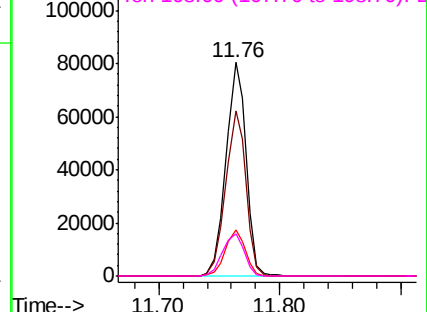
Abundance

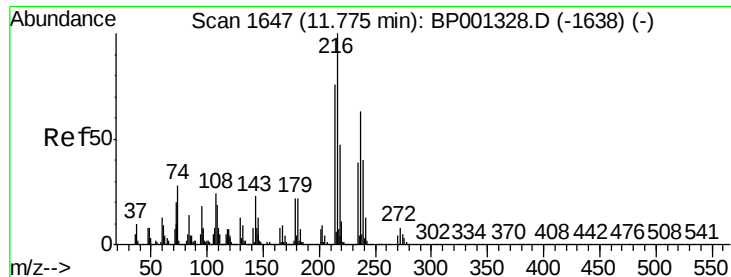
Ion 216.00 (215.70 to 216.70): E

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

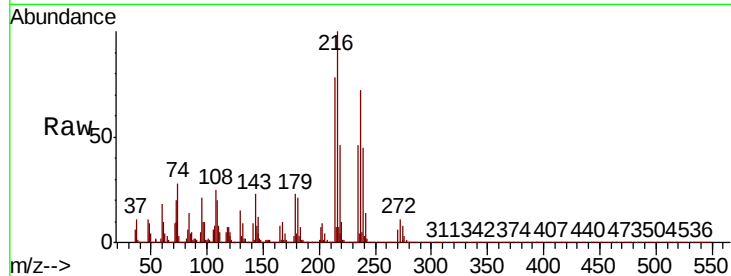




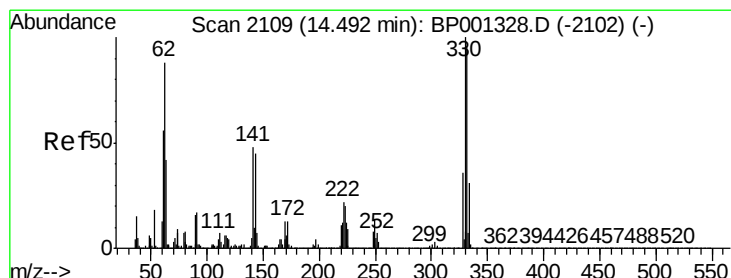
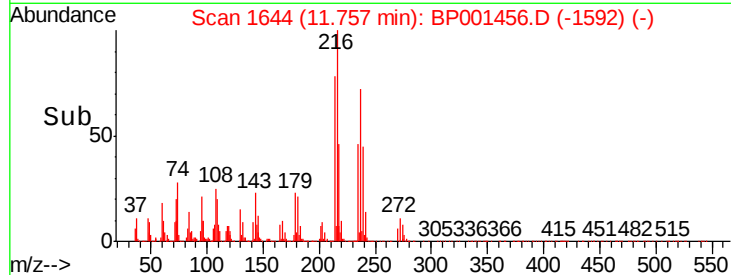
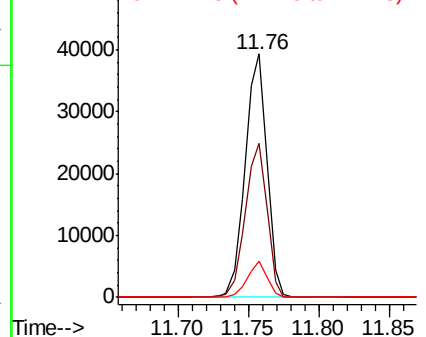
#41
Hexachlorocyclopentadiene
Concen: 40.402 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.8	82.8
272	14.7	0.0	33.0

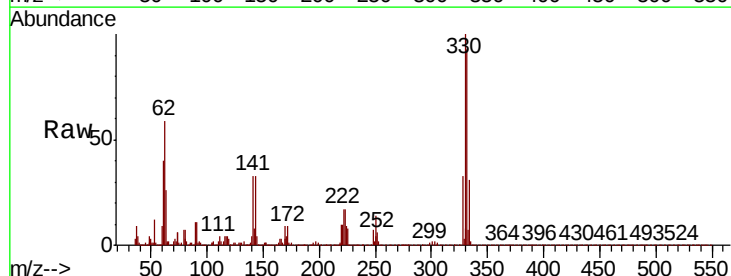


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

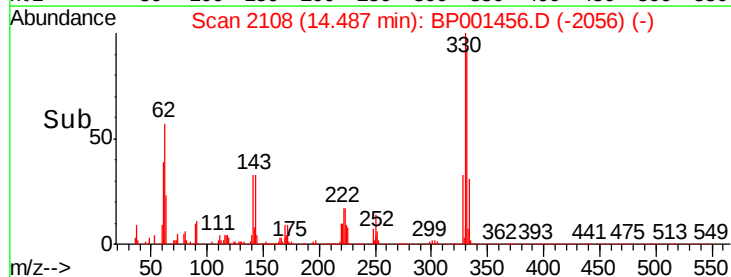
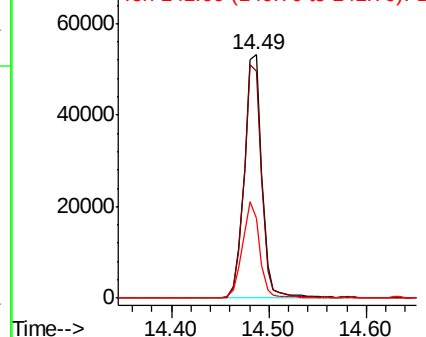


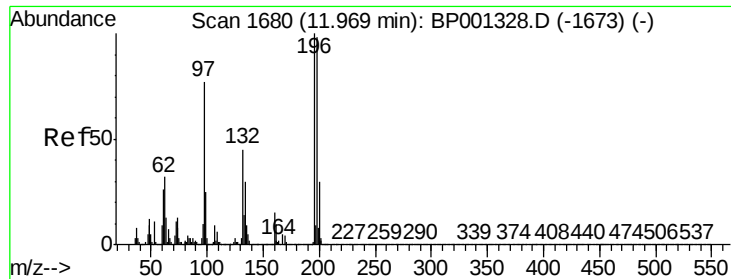
#42
2,4,6-Tribromophenol
Concen: 93.151 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.3	117.5
141	39.0	26.8	40.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

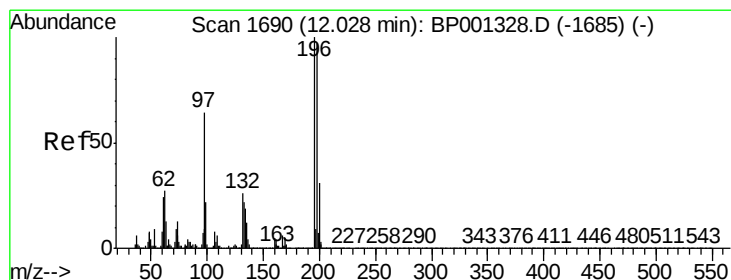
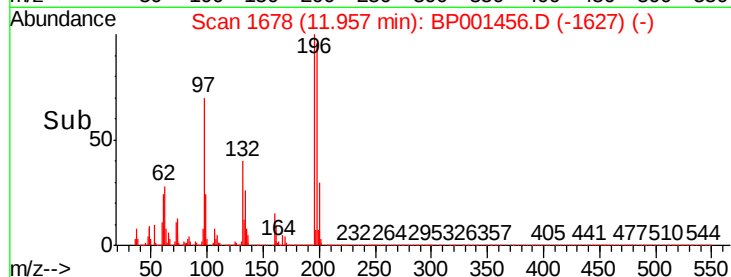
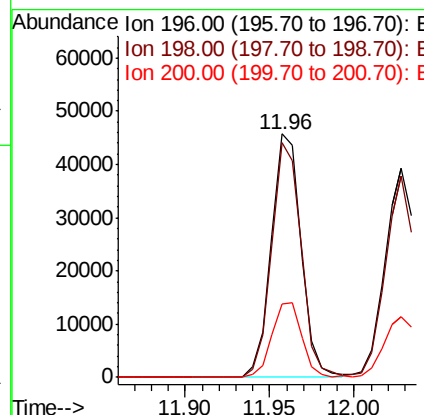
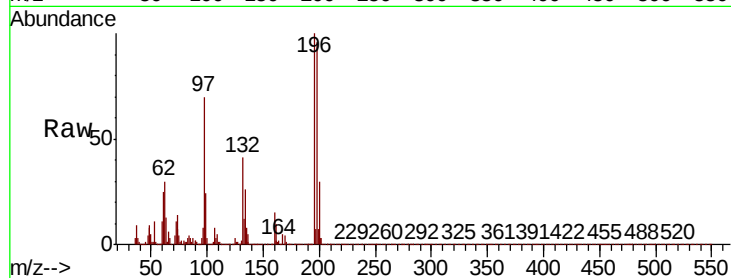




#43
2,4,6-Trichlorophenol
Concen: 42.907 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

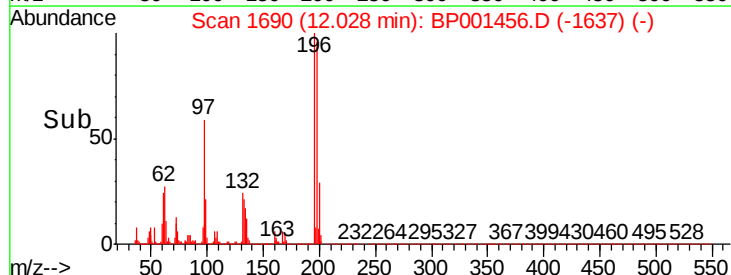
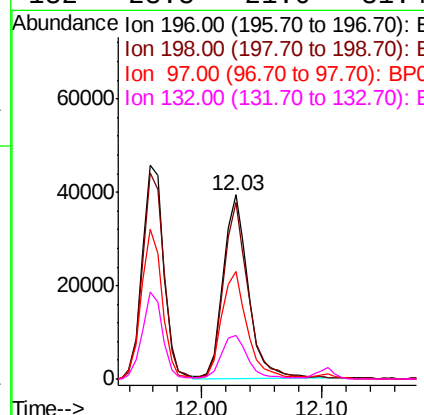
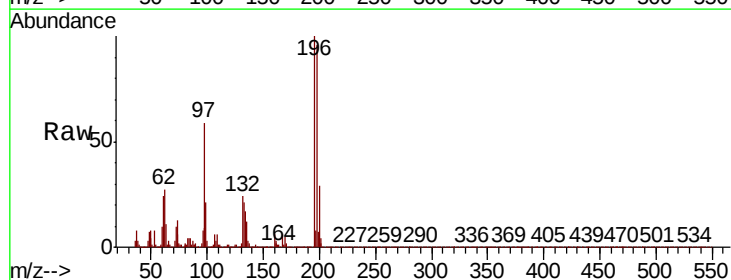
Instrument :
BNA_P
ClientSampleId :

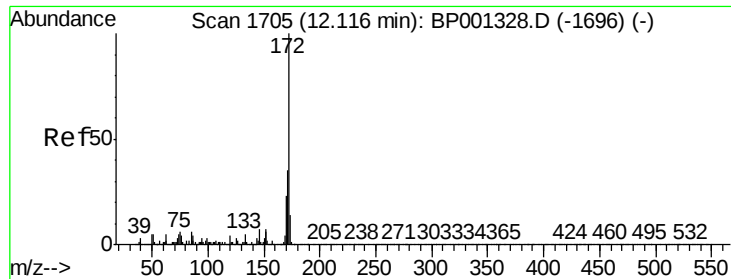
Tot Ion:196 Resp: 55857
Ion Ratio Lower Upper
196 100
198 96.2 77.2 115.8
200 30.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 42.057 ng
RT: 12.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:196 Resp: 56254
Ion Ratio Lower Upper
196 100
198 95.9 75.8 113.6
97 58.8 46.1 69.1
132 23.8 21.0 31.4

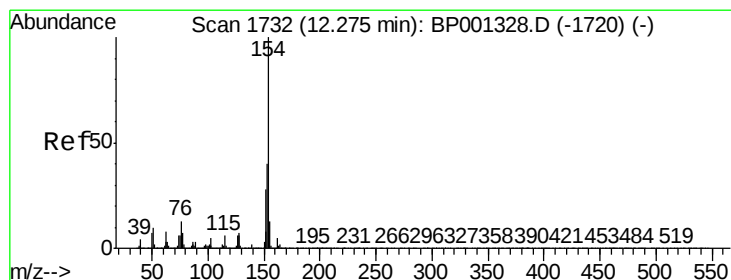
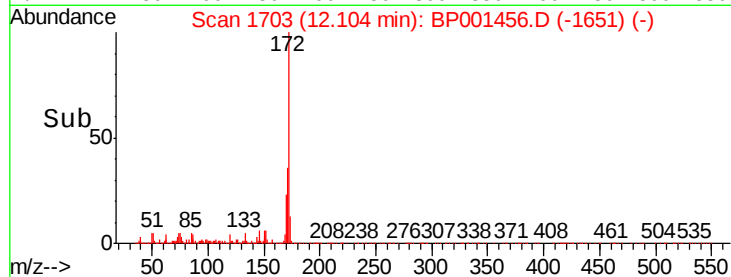
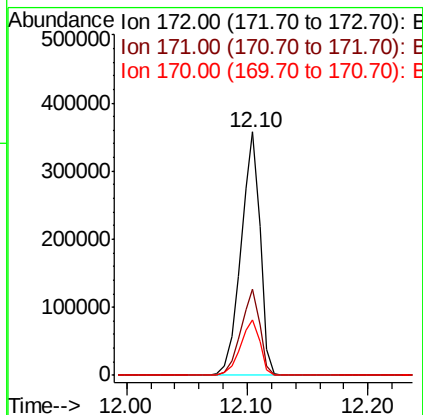
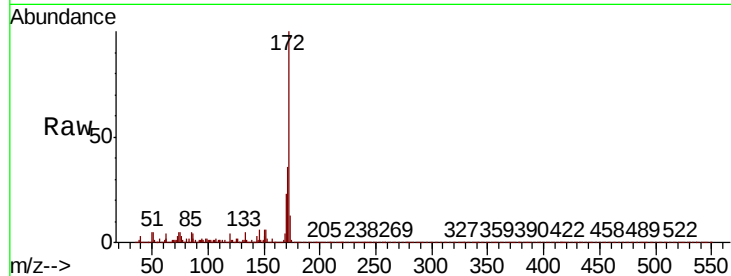




#45
2-Fluorobiphenyl
Concen: 86.630 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

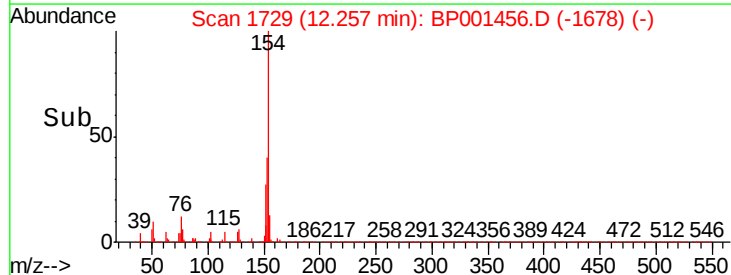
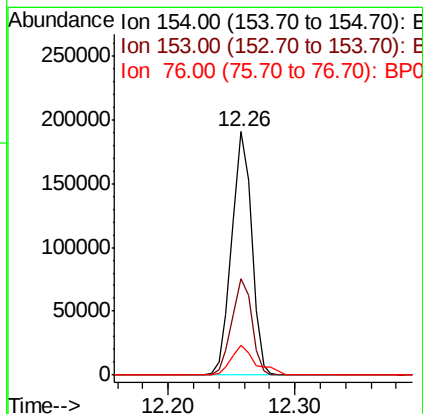
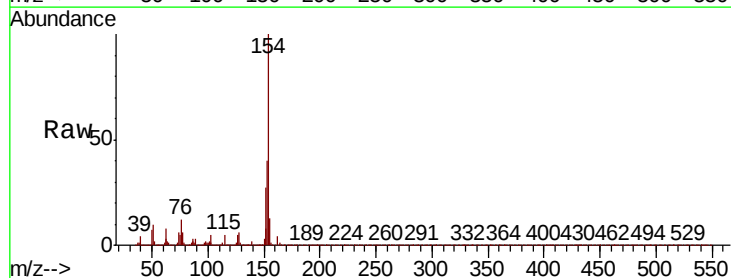
Instrument :
BNA_P
ClientSampleId :

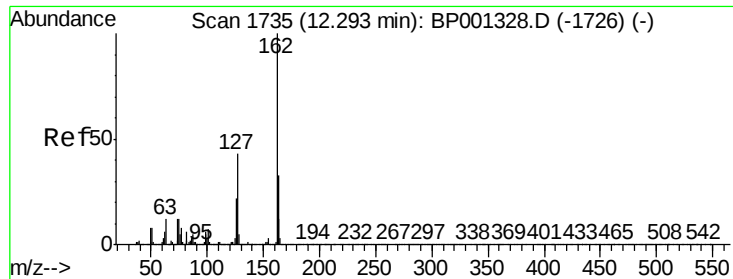
Tot Ion:172 Resp: 392211
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 22.9 18.2 27.4



#46
1,1'-Biphenyl
Concen: 42.928 ng
RT: 12.26 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:154 Resp: 205657
Ion Ratio Lower Upper
154 100
153 39.7 19.5 59.5
76 12.2 0.0 31.5

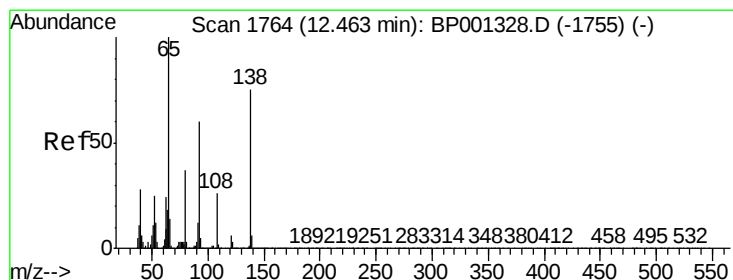
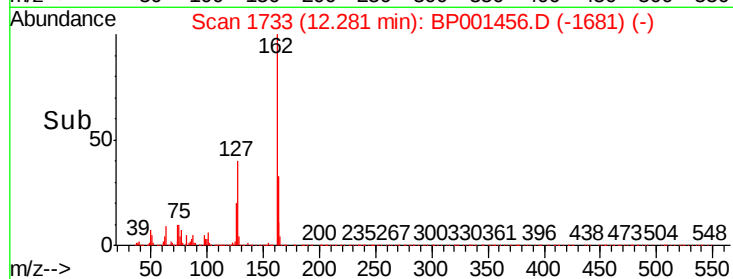
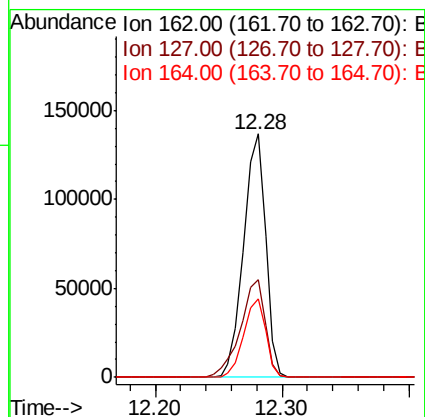
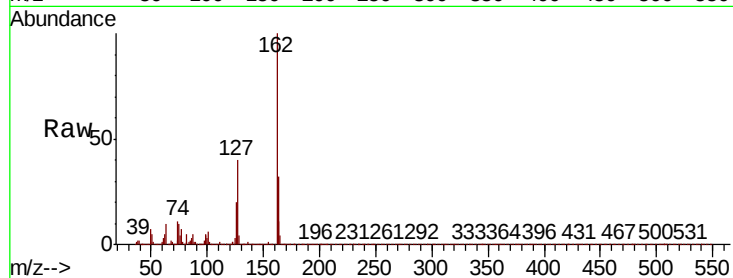




#47
2-Chloronaphthalene
Concen: 42.571 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

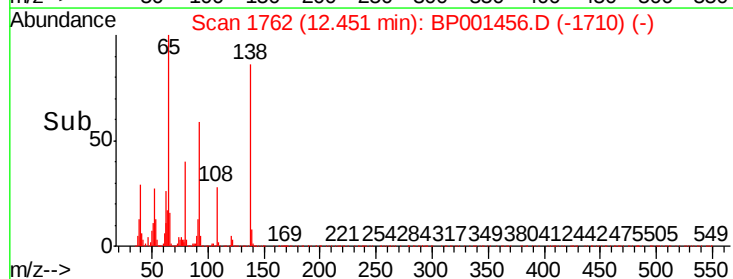
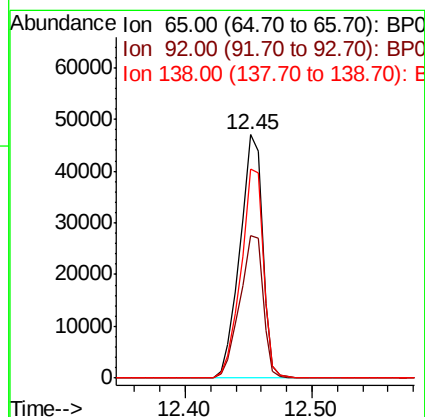
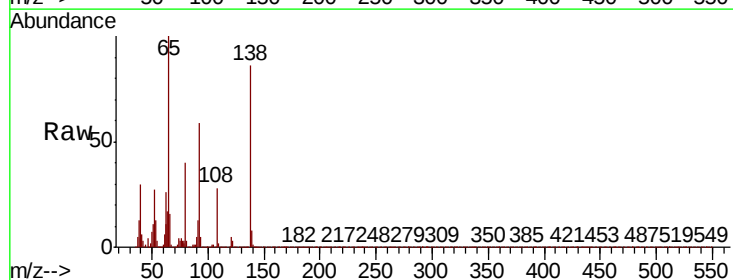
Instrument :
BNA_P
ClientSampleId :

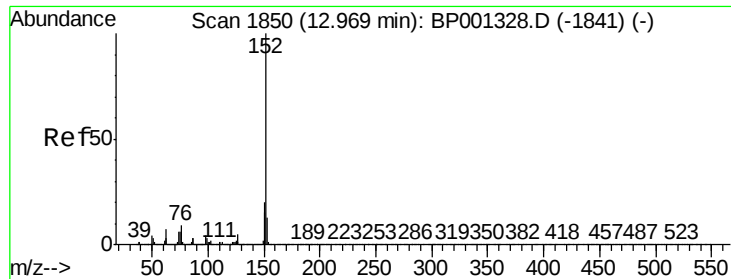
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.4	50.2
164	32.4	26.0	39.0



#48
2-Nitroaniline
Concen: 37.434 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.6	48.9	73.3
138	85.7	65.1	97.7





#49

Acenaphthylene

Concen: 41.776 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampled :

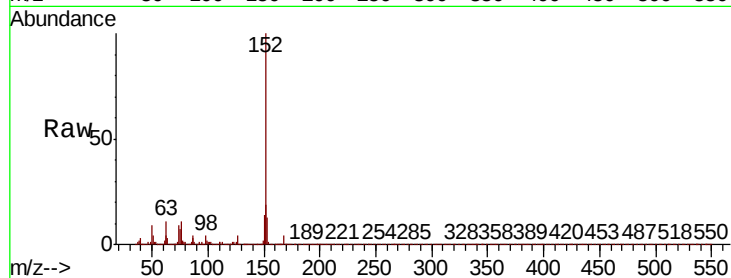
Tot Ion:152 Resp: 236519

Ion Ratio Lower Upper

152 100

151 19.4 15.6 23.4

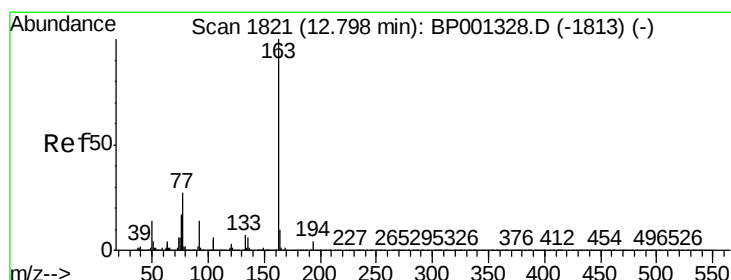
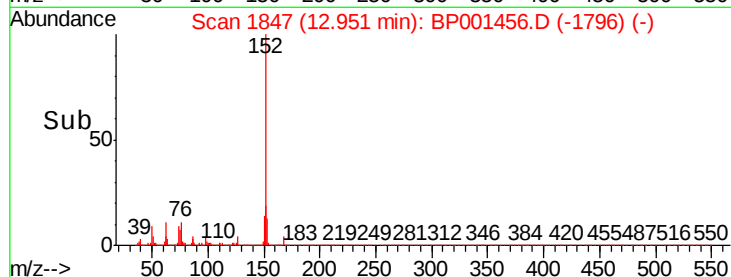
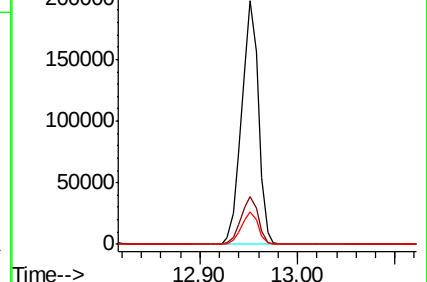
153 13.2 10.3 15.5



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: 41.708 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

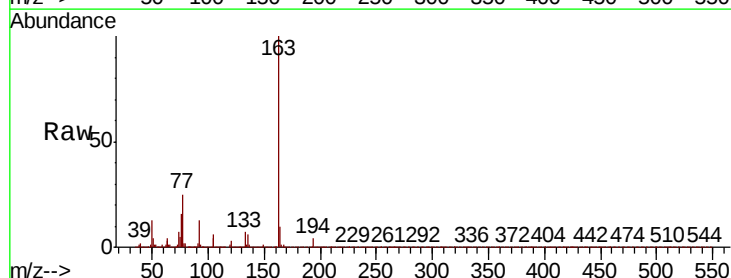
Tgt Ion:163 Resp: 195887

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

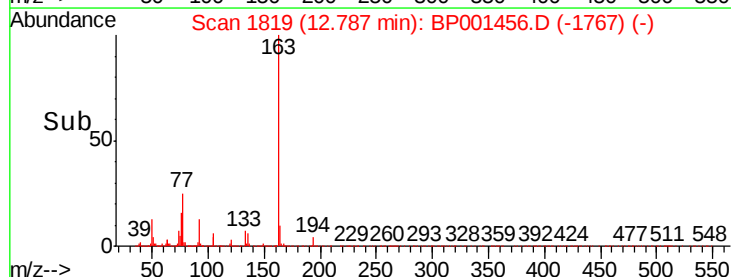
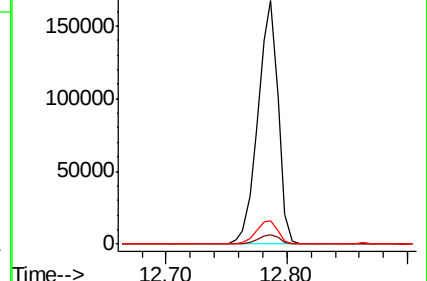
164 9.8 7.7 11.5

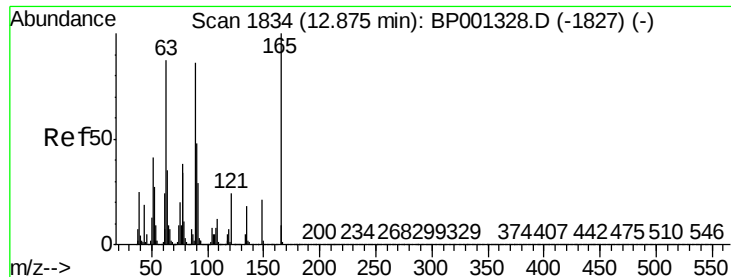


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

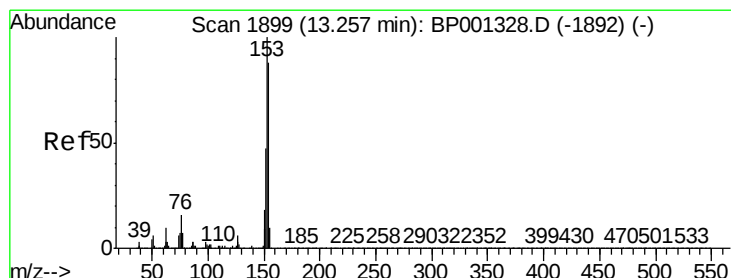
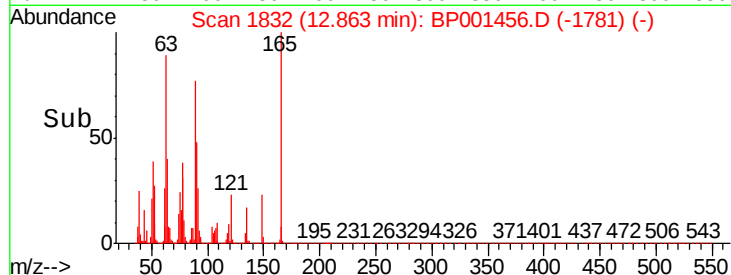
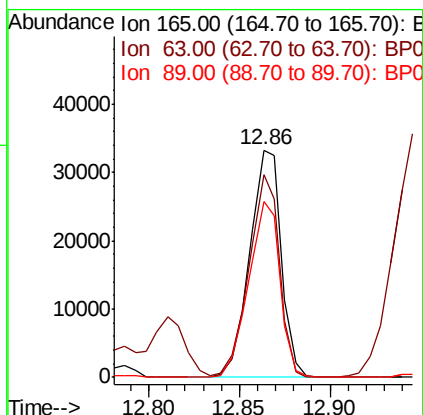
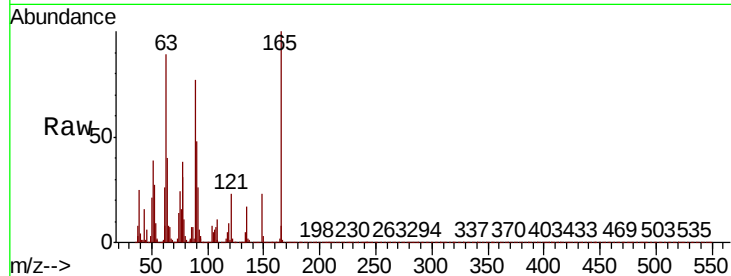




#51
2,6-Dinitrotoluene
Concen: 42.185 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

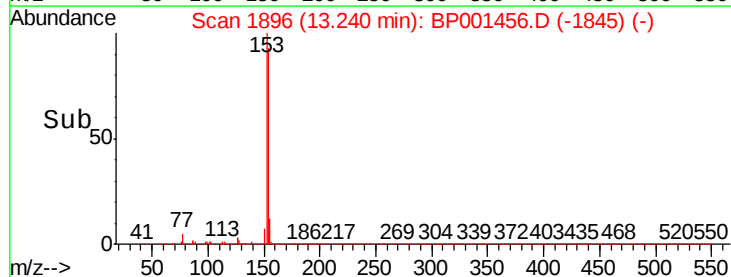
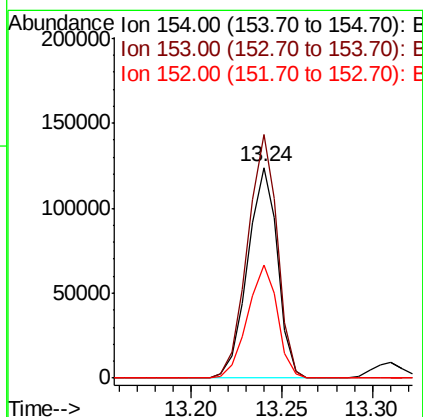
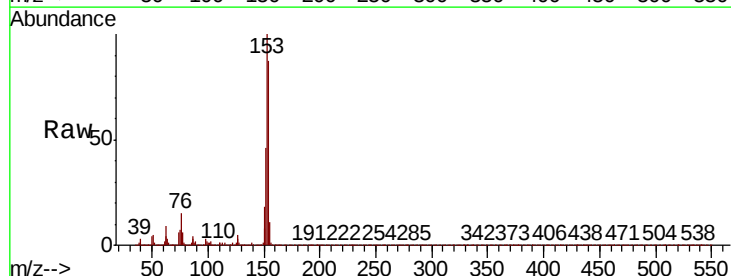
Instrument :
BNA_P
ClientSampleId :

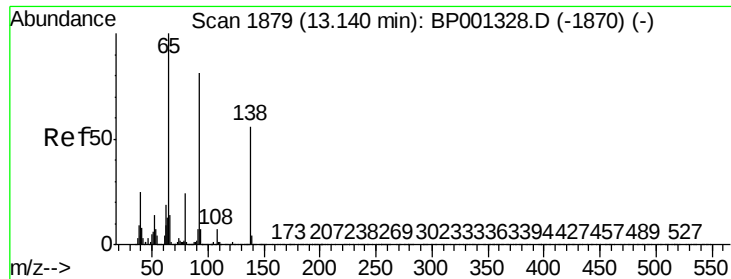
Tot Ion:165 Resp: 40230
Ion Ratio Lower Upper
165 100
63 88.9 60.7 91.1
89 77.0 55.4 83.0



#52
Acenaphthene
Concen: 41.642 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:154 Resp: 142048
Ion Ratio Lower Upper
154 100
153 115.5 90.1 135.1
152 53.7 41.8 62.6

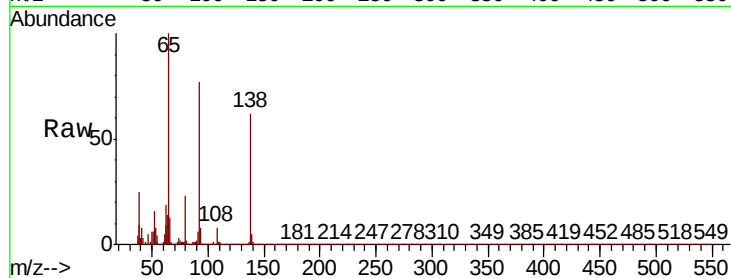




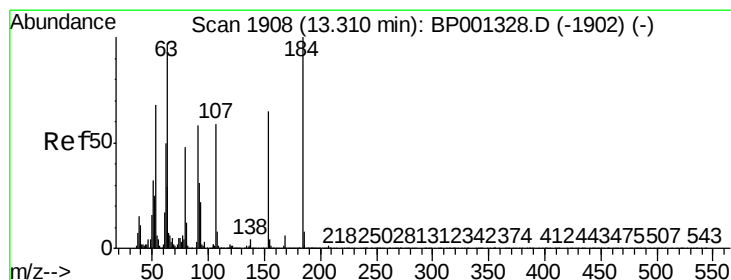
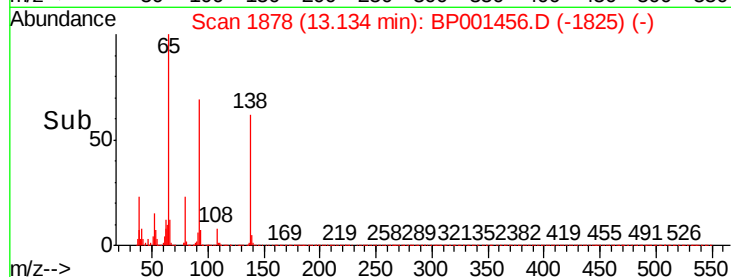
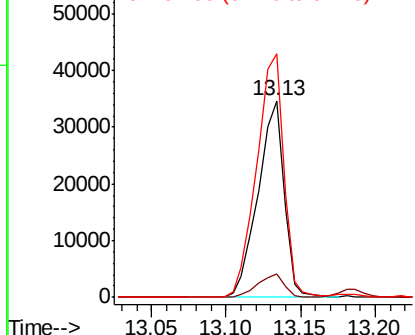
#53
3-Nitroaniline
Concen: 40.917 ng
RT: 13.13 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Instrument :
BNA_P
ClientSampled :

Tot Ion:138 Resp: 41882
Ion Ratio Lower Upper
138 100
108 12.2 10.0 15.0
92 124.0 108.8 163.2

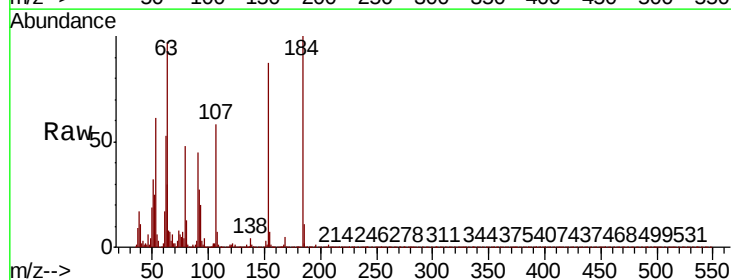


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

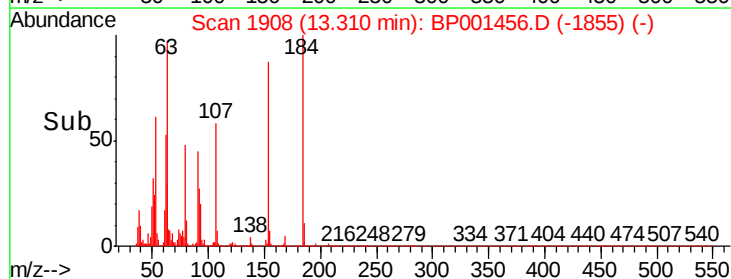
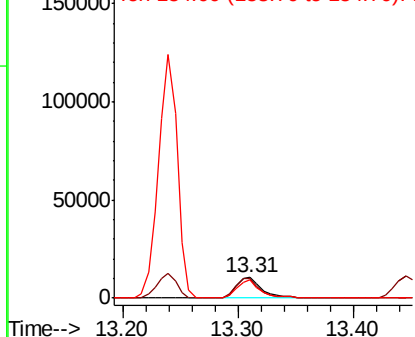


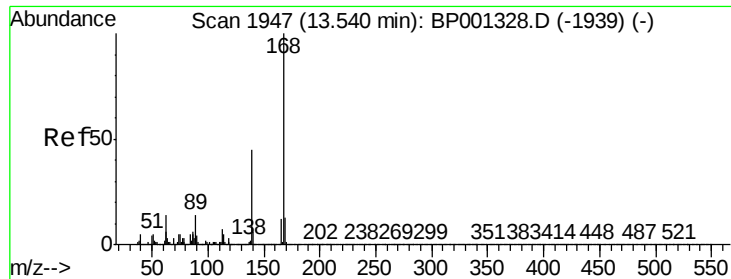
#54
2,4-Dinitrophenol
Concen: 44.970 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:184 Resp: 16560
Ion Ratio Lower Upper
184 100
63 96.8 69.5 104.3
154 87.0 58.5 87.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.386 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

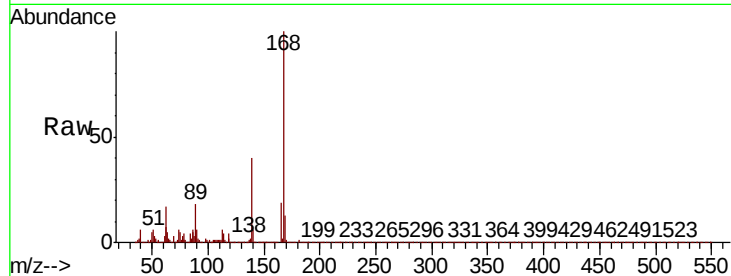
Tot Ion:168 Resp: 231880

Ion Ratio Lower Upper

168 100

139 39.9 33.0 49.4

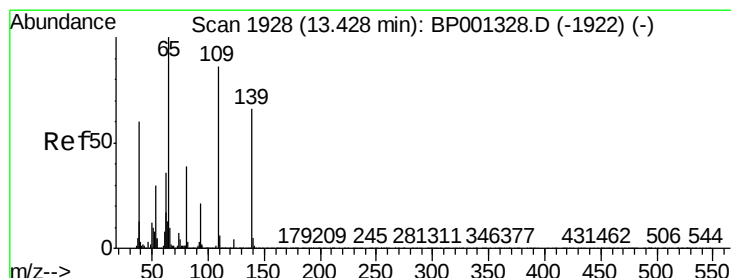
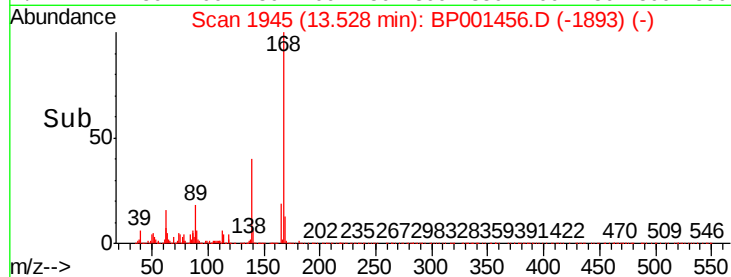
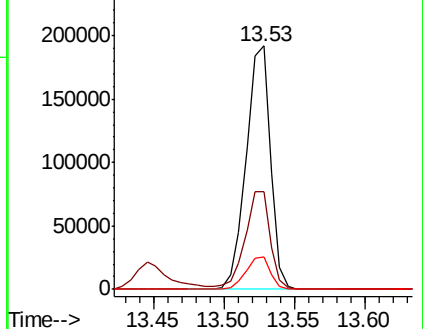
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 49.465 ng

RT: 13.45 min Scan# 1931

Delta R.T. 0.02 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

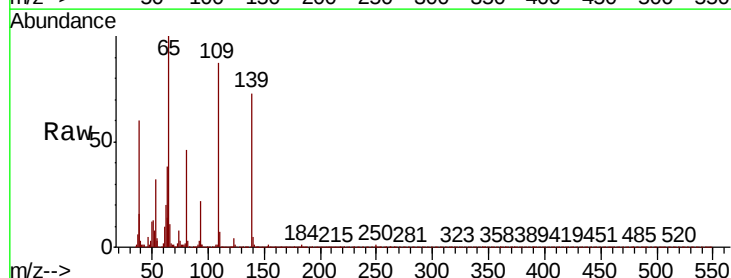
Tgt Ion:139 Resp: 36205

Ion Ratio Lower Upper

139 100

109 119.1 99.7 139.7

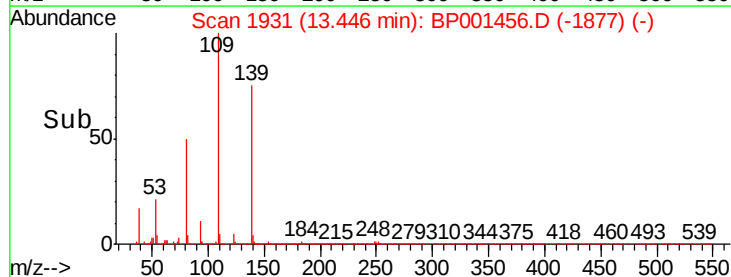
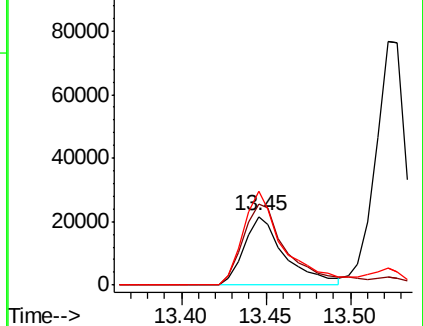
65 137.5 115.0 155.0

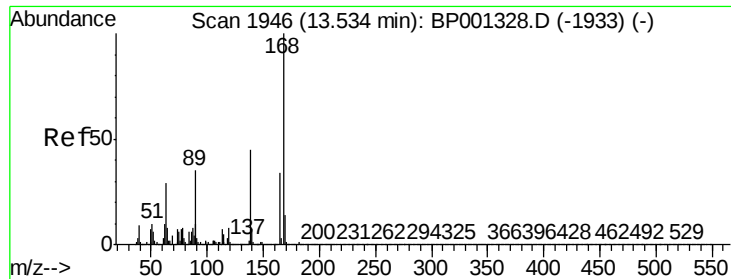


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

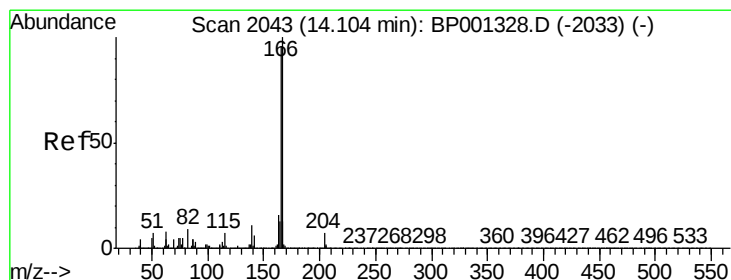
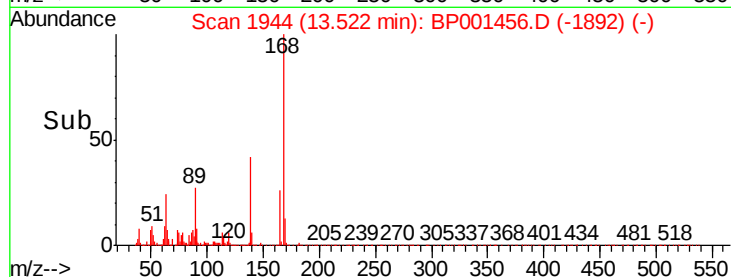
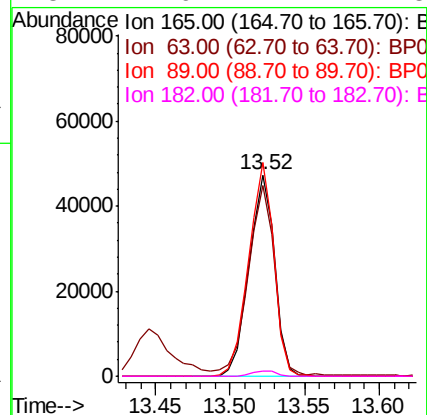
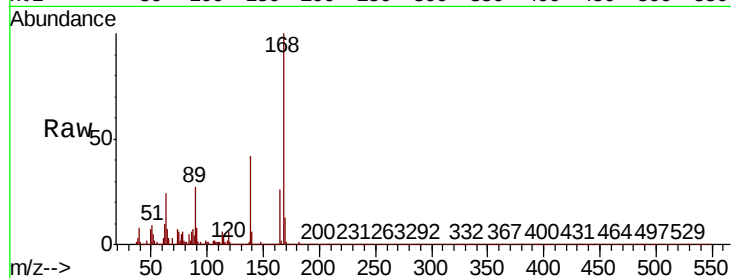




#57
2,4-Dinitrotoluene
Concen: 42.289 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

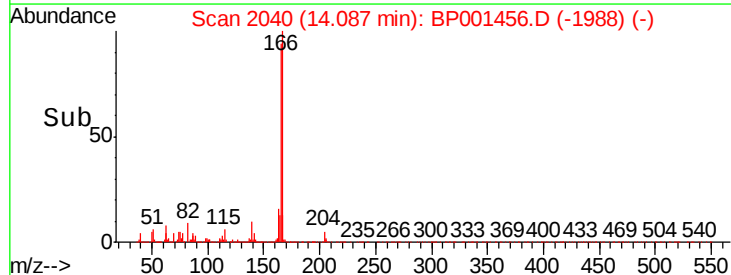
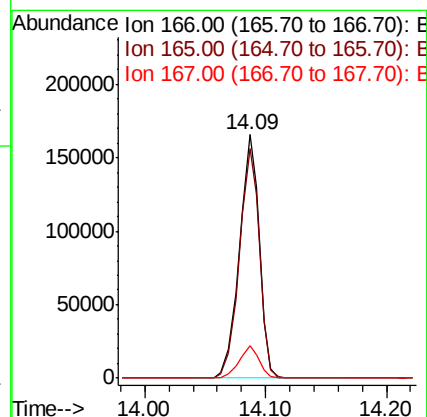
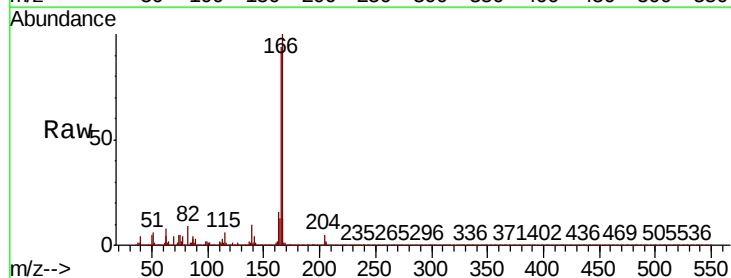
Instrument :
BNA_P
ClientSampleId :

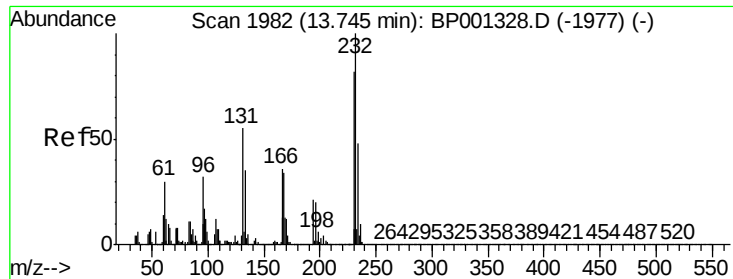
Tot Ion:165 Resp: 56054
Ion Ratio Lower Upper
165 100
63 95.0 66.6 100.0
89 106.3 79.5 119.3
182 2.9 1.7 2.5#



#58
Fluorene
Concen: 44.326 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:166 Resp: 189484
Ion Ratio Lower Upper
166 100
165 94.1 76.6 114.8
167 13.2 11.0 16.4

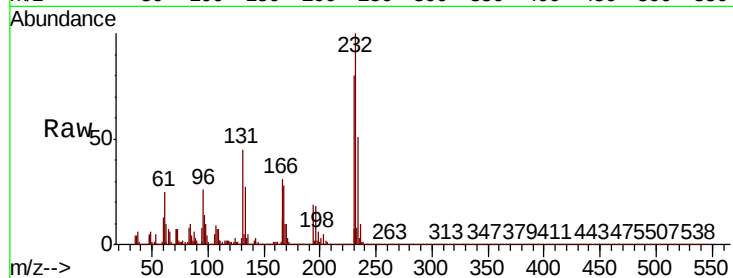




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.153 ng
 RT: 13.74 min Scan# 1981
 Delta R.T. 0.01 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	34.2	51.4
130	3.1	2.1	3.1
166	30.7	23.4	35.0



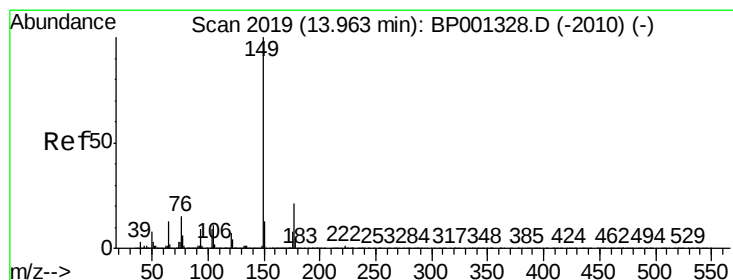
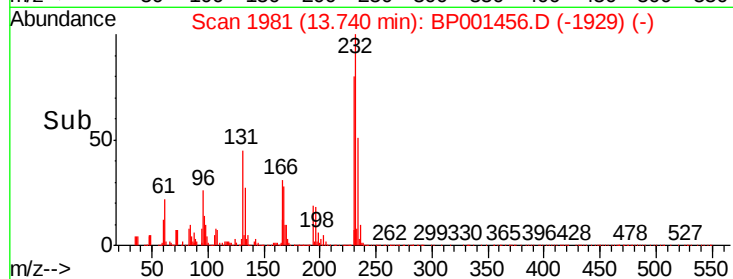
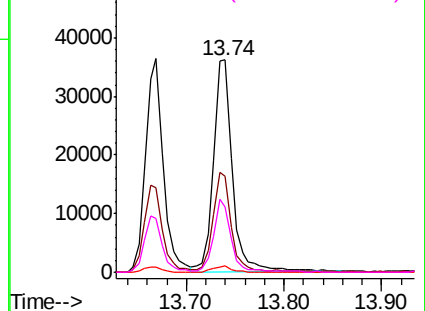
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

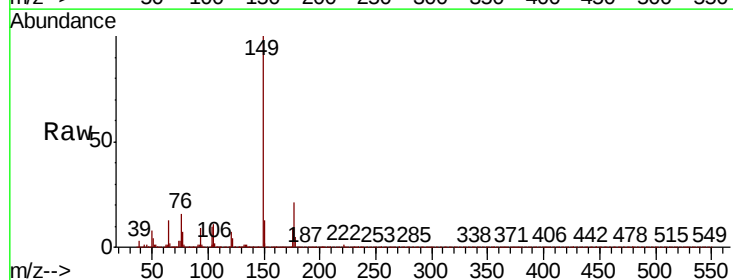
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.616 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.8	26.6
150	12.7	9.7	14.5

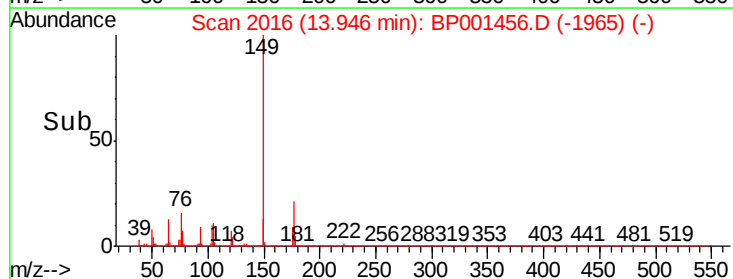
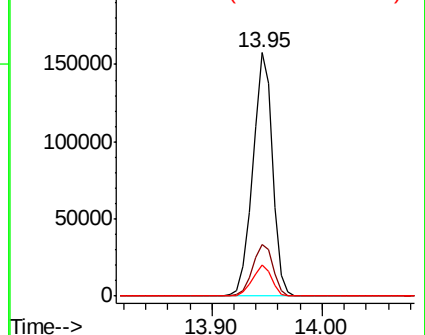


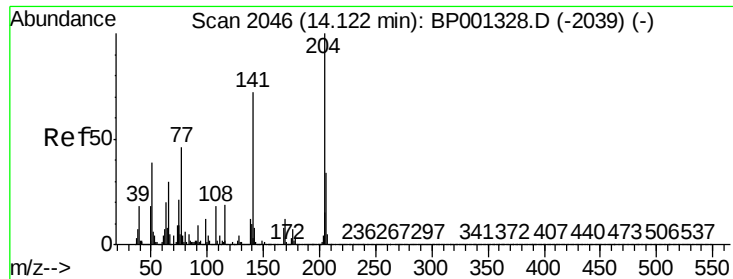
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

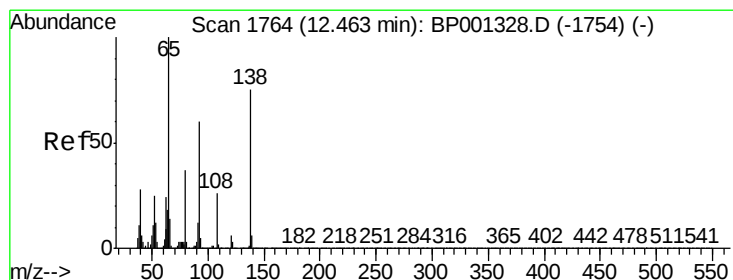
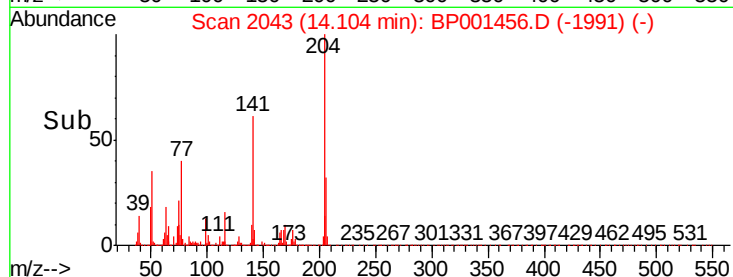
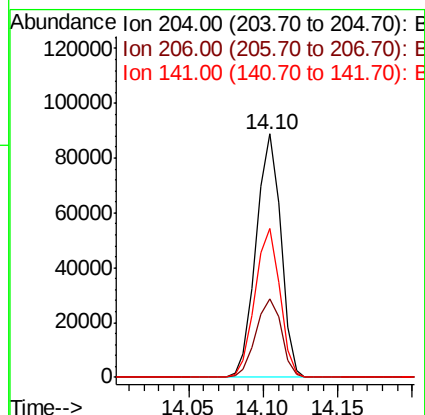
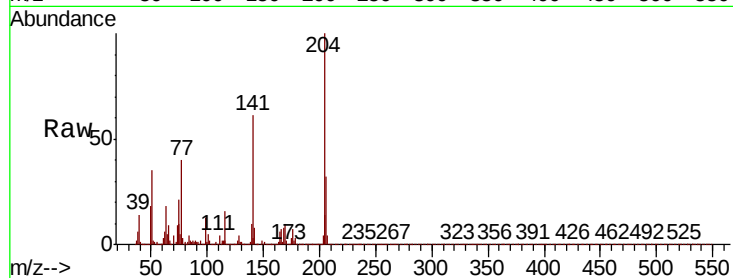




#61
4-Chlorophenyl-phenylether
Concen: 45.057 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

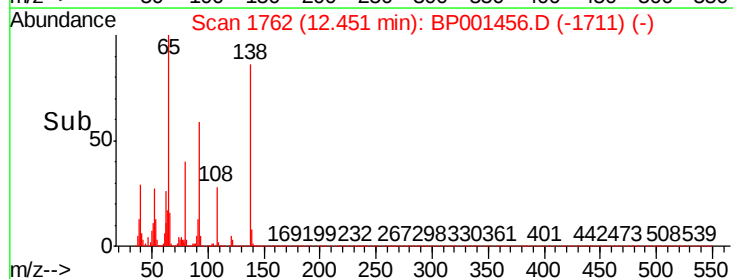
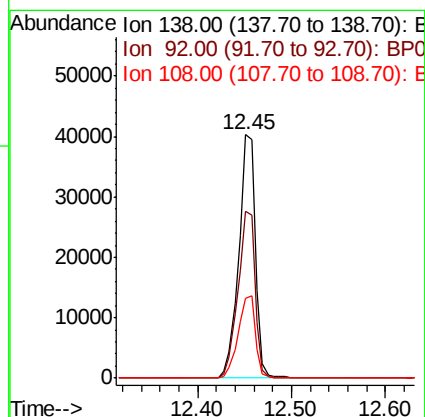
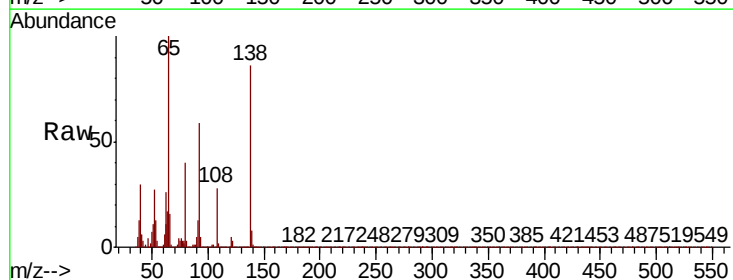
Instrument :
BNA_P
ClientSampled :

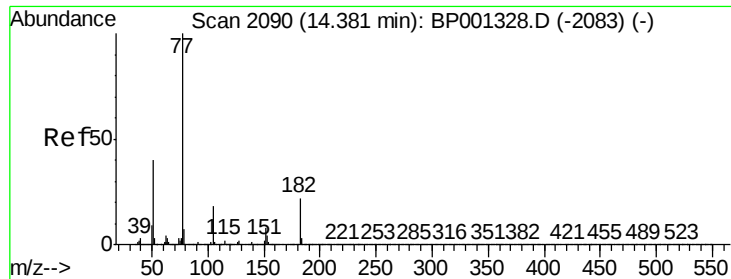
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.8
141	61.0	50.6	75.8



#62
4-Nitroaniline
Concen: 41.640 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	68.4	45.4	85.4
108	32.9	11.4	51.4

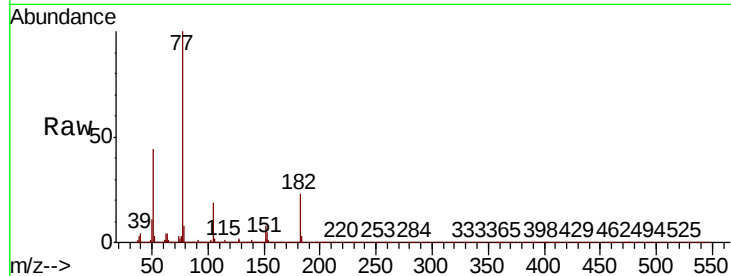




#63
Azobenzene
Concen: 38.202 ng
RT: 14.36 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Instrument :
BNA_P
ClientSampled :

Tot Ion:	77	Resp:	194827
Ion	Ratio	Lower	Upper
77	100		
182	23.2	5.8	45.8
105	19.0	0.0	38.8
51	44.2	20.0	60.0

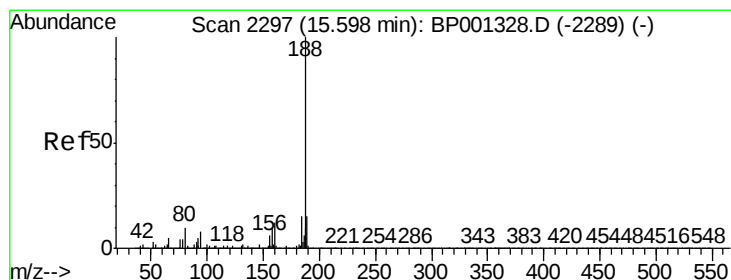
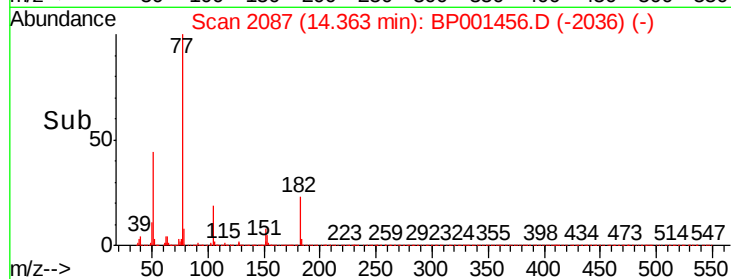
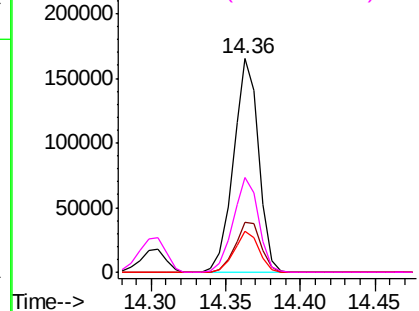


Abundance Ion 77.00 (76.70 to 77.70): BP001456.D (-2036) (-)

Ion 182.00 (181.70 to 182.70): BP001456.D (-2036) (-)

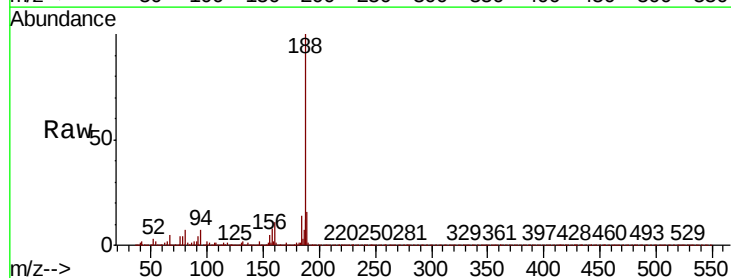
Ion 105.00 (104.70 to 105.70): BP001456.D (-2036) (-)

Ion 51.00 (50.70 to 51.70): BP001456.D (-2036) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

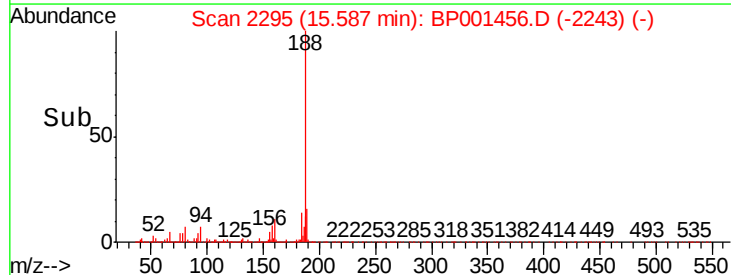
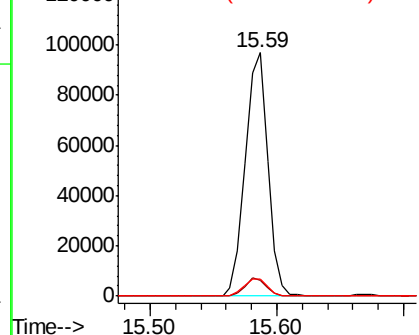
Tgt Ion:	188	Resp:	119375
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.8
80	7.2	5.7	8.5

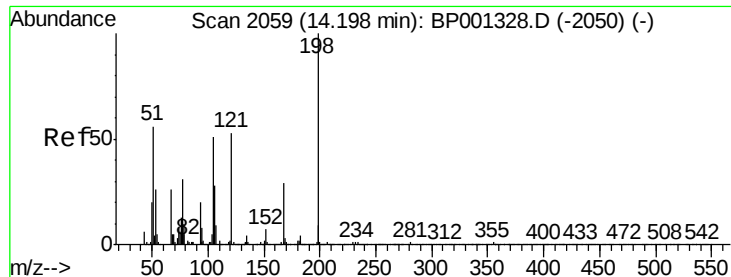


Abundance Ion 188.00 (187.70 to 188.70): BP001456.D (-2243) (-)

Ion 94.00 (93.70 to 94.70): BP001456.D (-2243) (-)

Ion 80.00 (79.70 to 80.70): BP001456.D (-2243) (-)

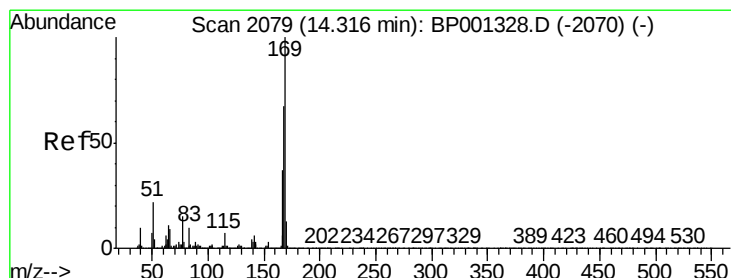
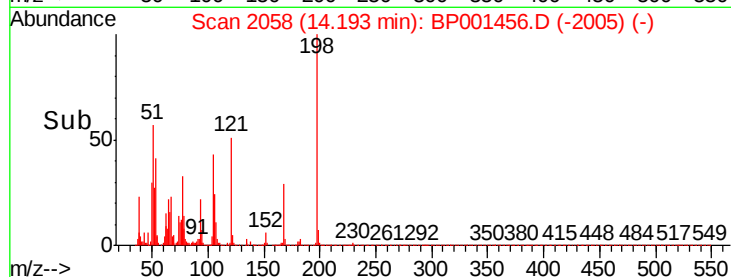
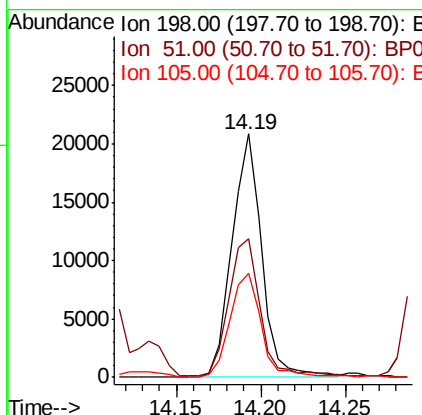
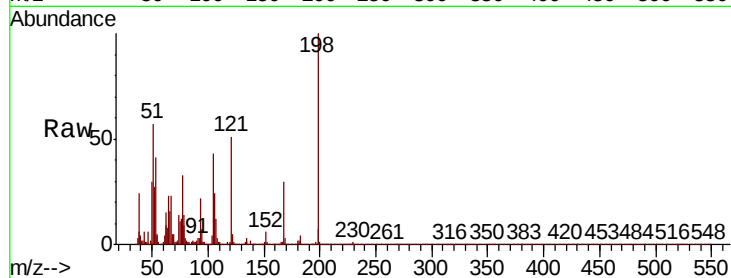




#65
4,6-Dinitro-2-methylphenol
Concen: 47.713 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

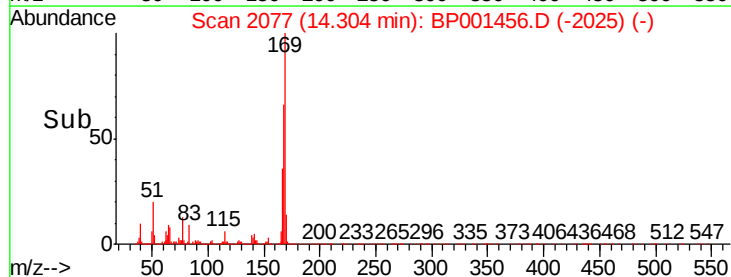
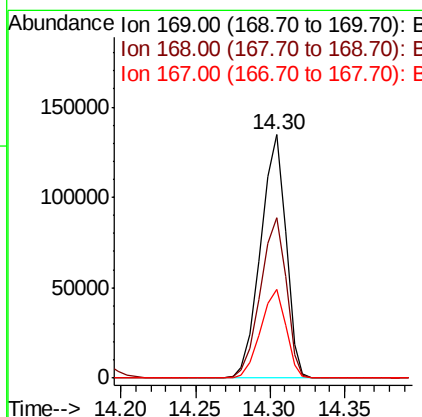
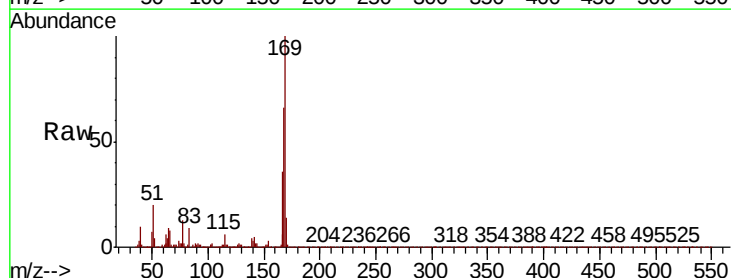
Instrument :
BNA_P
ClientSampleId :

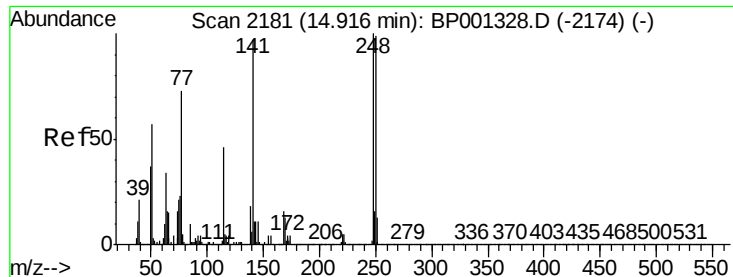
Tot Ion	Ratio	Lower	Upper
198	100		
51	57.1	42.2	82.2
105	42.8	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 41.449 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	54.2	81.2
167	36.2	29.3	43.9

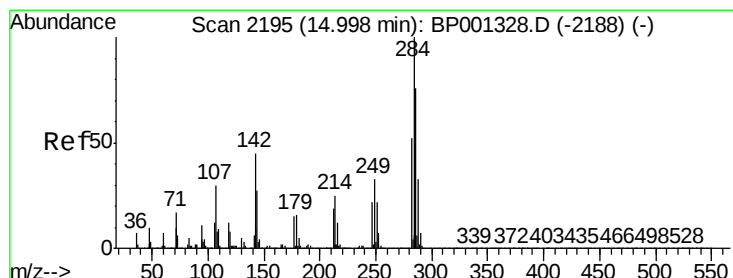
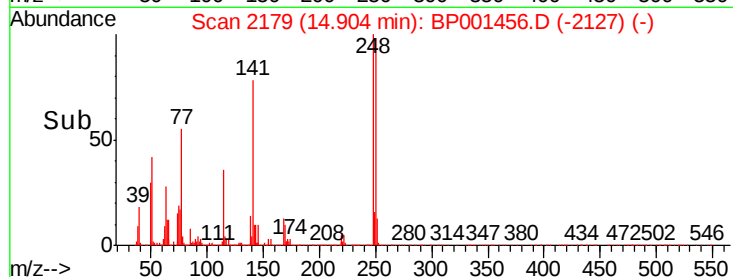
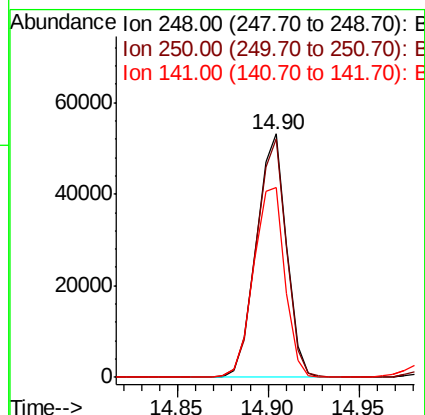
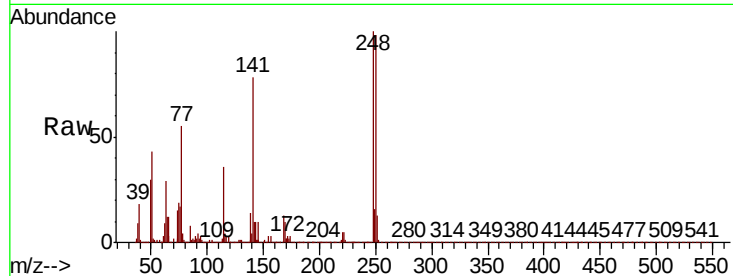




#67
4-Bromophenyl-phenylether
Concen: 43.423 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

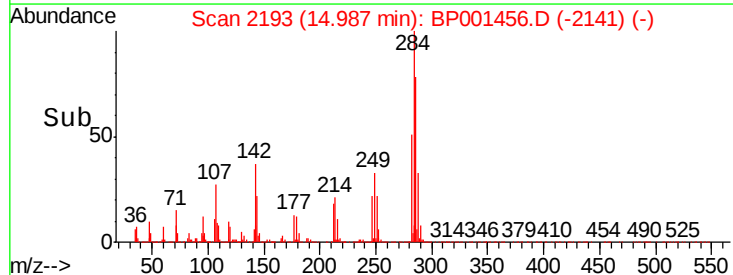
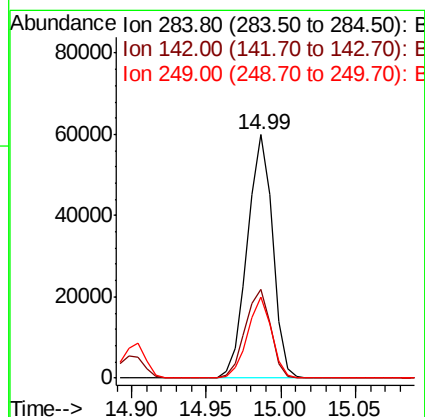
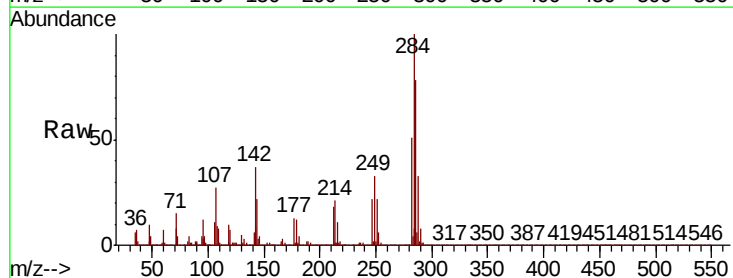
Instrument :
BNA_P
ClientSampleId :

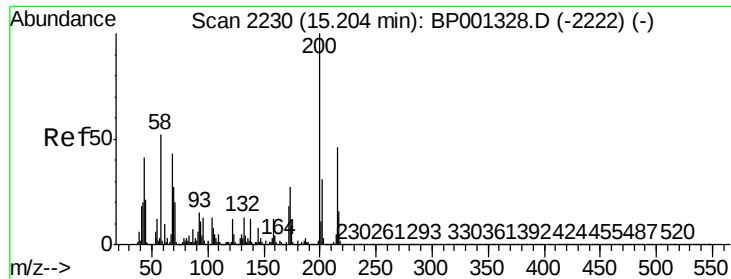
Tot Ion:248 Resp: 61286
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.4
141 78.1 60.7 91.1



#68
Hexachlorobenzene
Concen: 43.721 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion:284 Resp: 70249
Ion Ratio Lower Upper
284 100
142 36.6 28.7 43.1
249 33.5 27.0 40.4

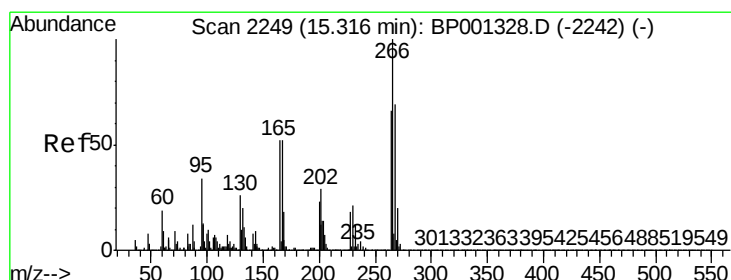
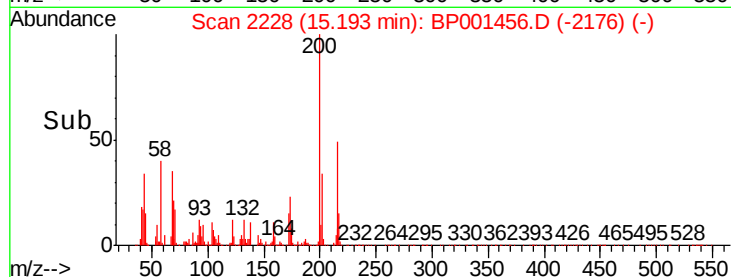
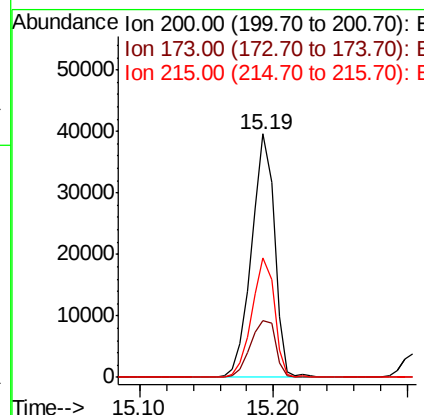
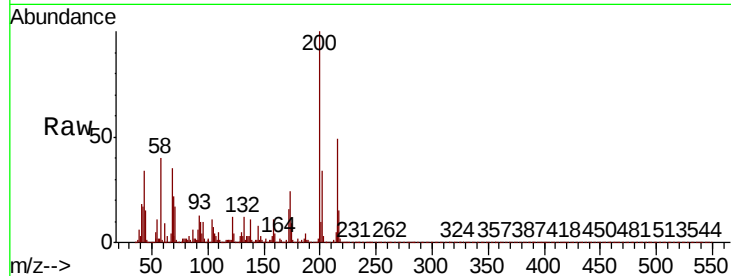




#69
Atrazine
Concen: 34.256 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

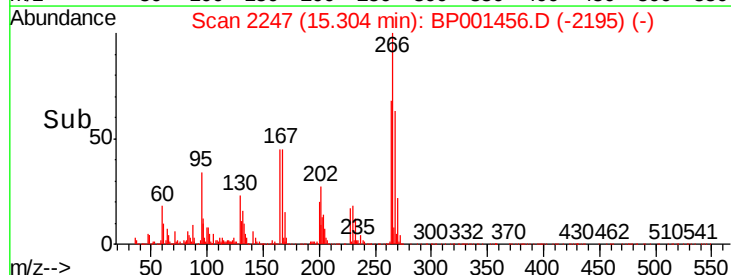
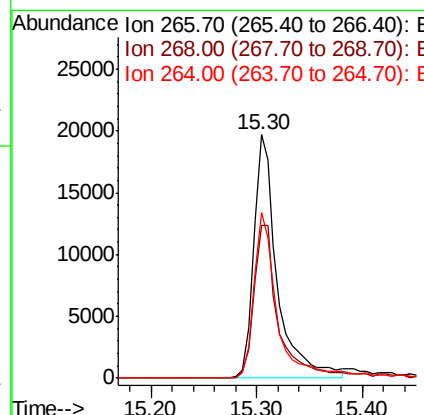
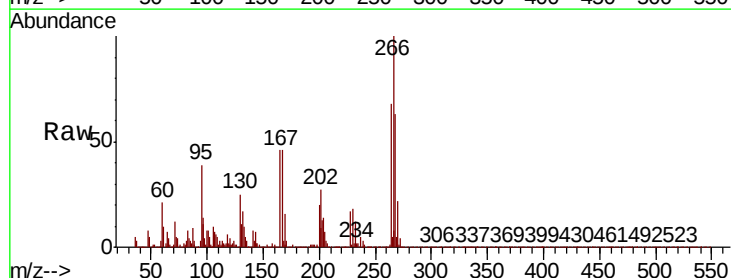
Instrument :
BNA_P
ClientSampled :

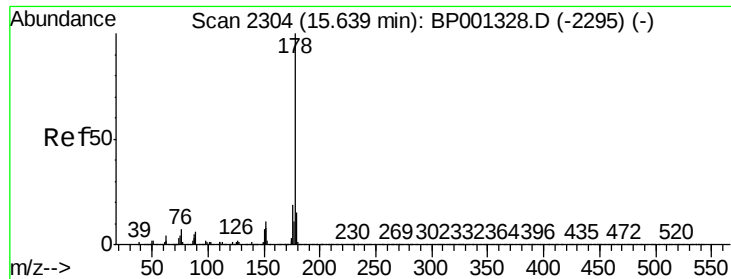
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	3.9	43.9
215	49.1	26.1	66.1



#70
Pentachlorophenol
Concen: 37.173 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	57.0	85.4
264	67.7	50.8	76.2

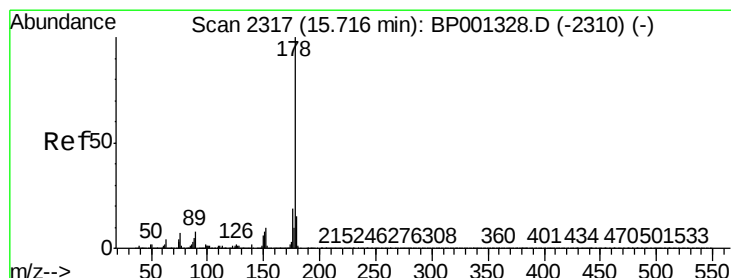
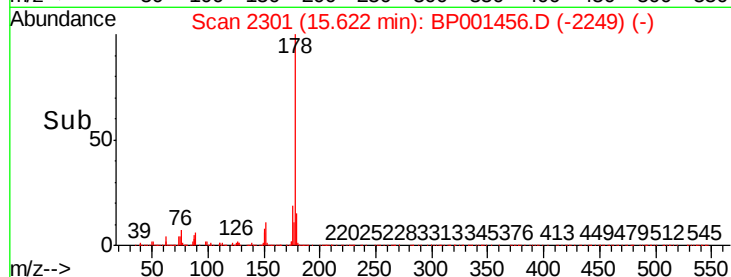
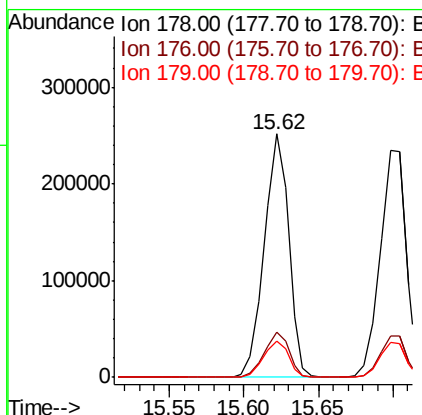
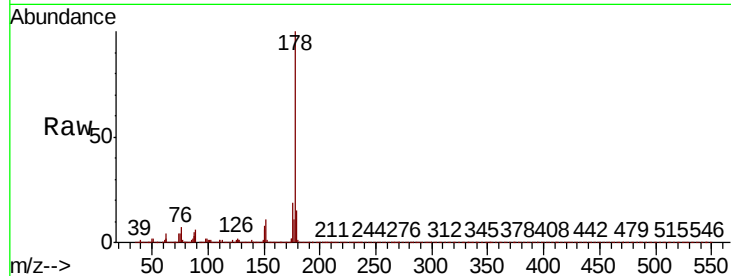




#71
Phenanthrene
Concen: 41.753 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

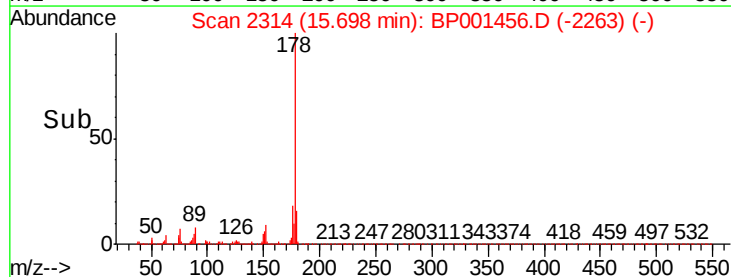
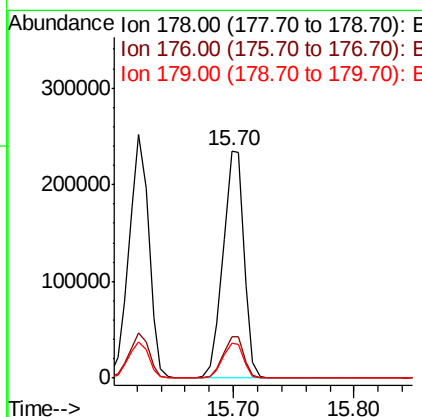
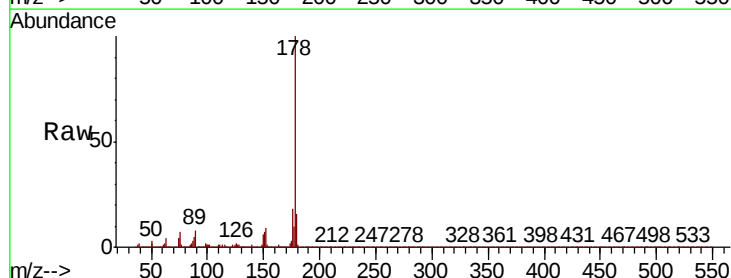
Instrument :
BNA_P
ClientSampleId :

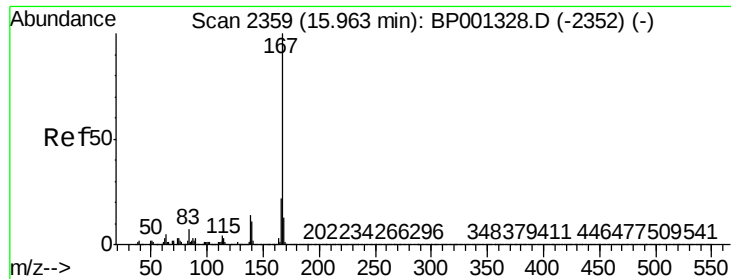
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.1	12.2	18.2



#72
Anthracene
Concen: 41.879 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.6	11.8	17.8

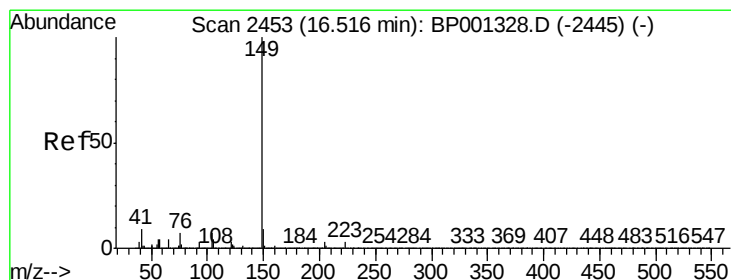
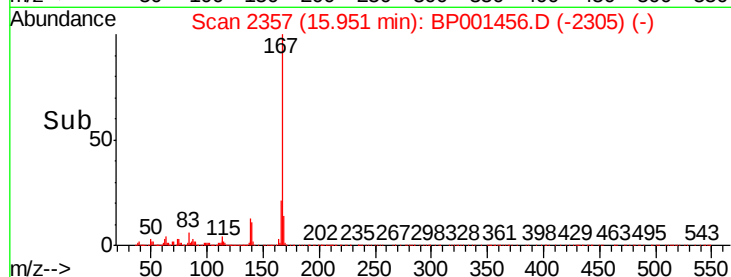
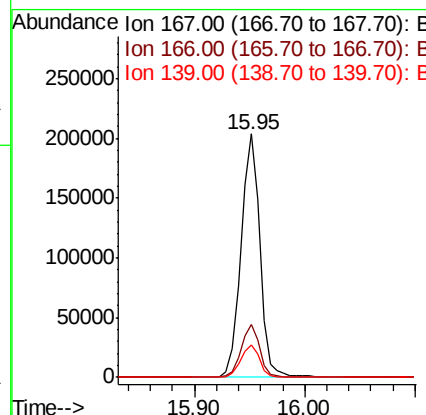
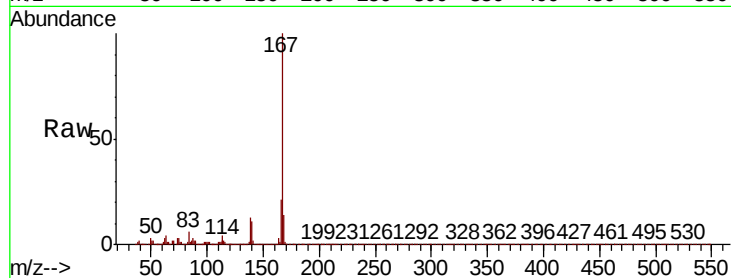




#73
 Carbazole
 Concen: 40.938 ng
 RT: 15.95 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

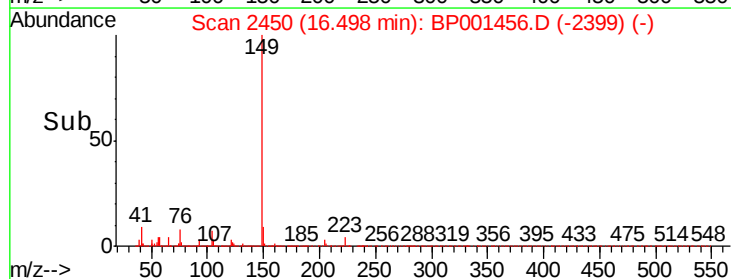
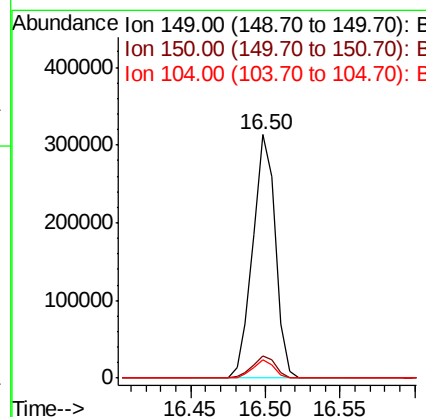
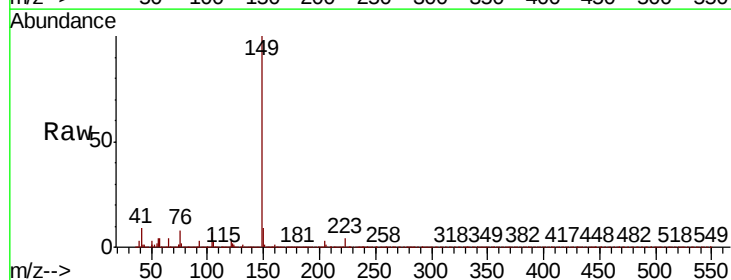
Instrument :
 BNA_P
 ClientSampled :

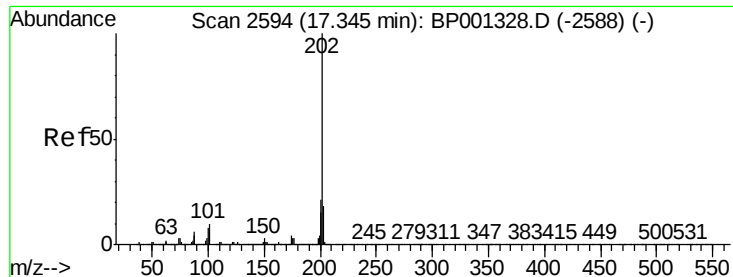
Tot Ion	167	Resp	246078
Ion Ratio	100	Lower	Upper
166	21.5	17.4	26.2
139	13.2	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 39.526 ng
 RT: 16.50 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BP001456.D
 Acq: 27 Dec 2019 14:02

Tgt Ion	149	Resp	326044
Ion Ratio	100	Lower	Upper
150	9.0	7.0	10.6
104	7.3	5.2	7.8





#75

Fluoranthene

Concen: 42.181 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

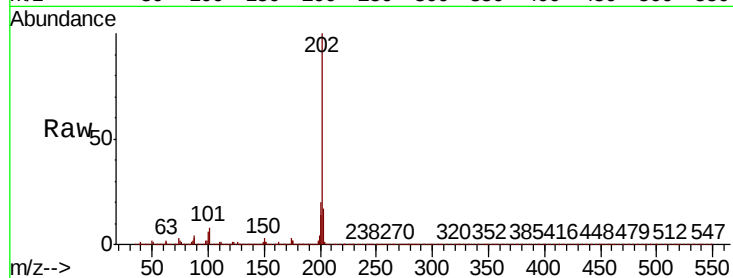
Tot Ion:202 Resp: 321231

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.7

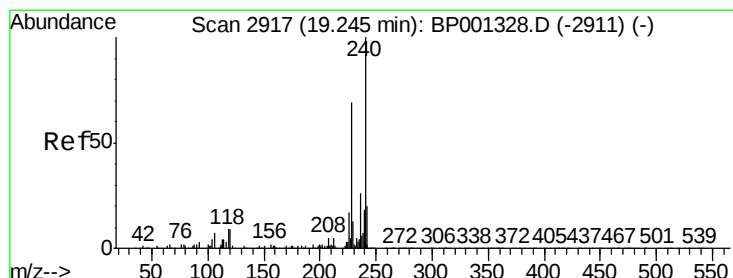
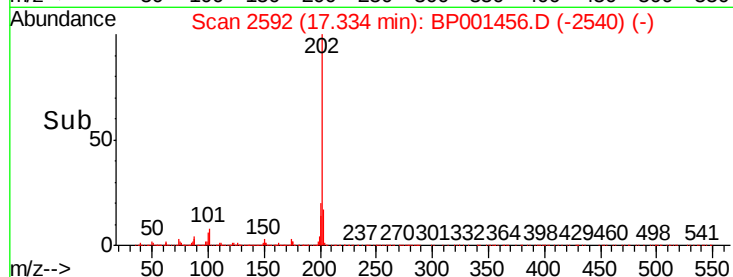
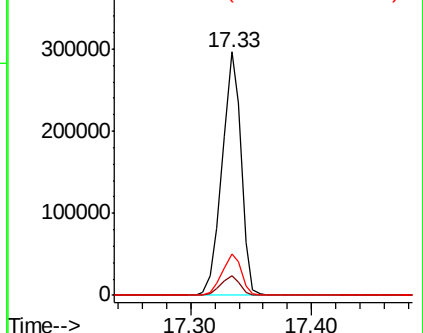
203 16.9 0.0 37.4



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# 2915

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

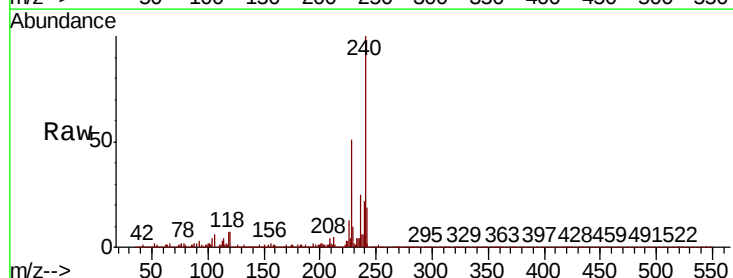
Tgt Ion:240 Resp: 101803

Ion Ratio Lower Upper

240 100

120 7.0 6.2 9.2

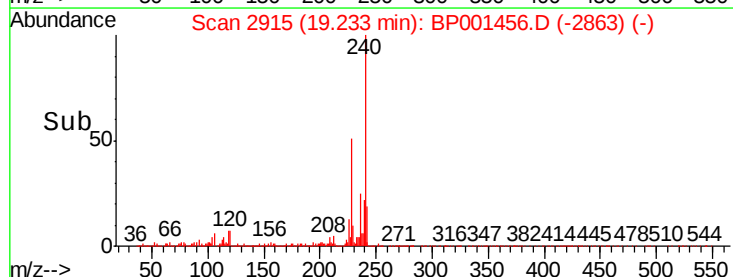
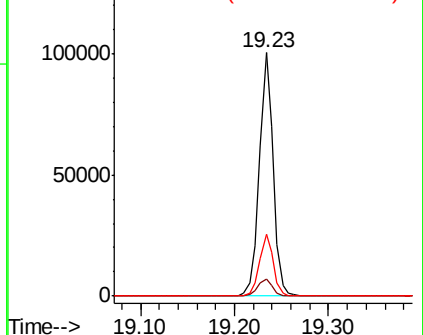
236 25.4 20.2 30.2

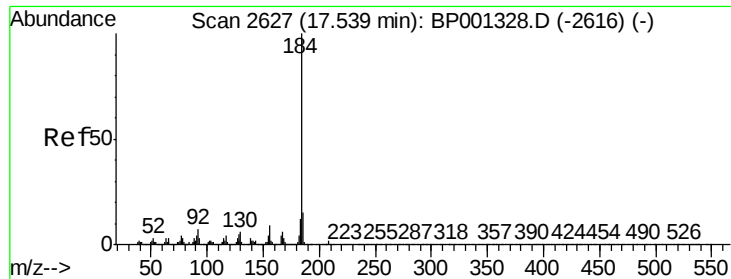


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.577 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

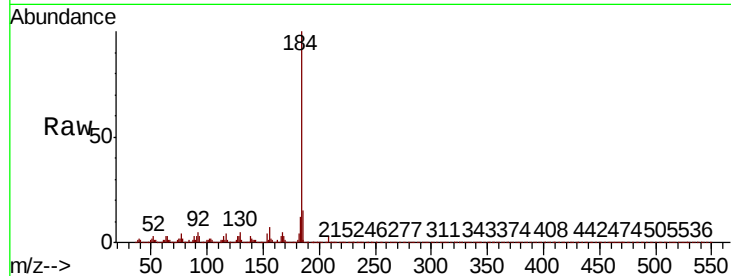
Tot Ion:184 Resp: 146947

Ion Ratio Lower Upper

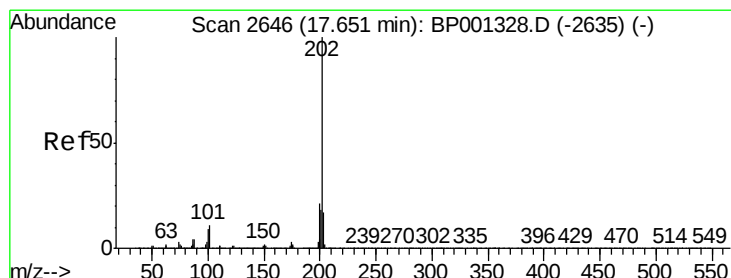
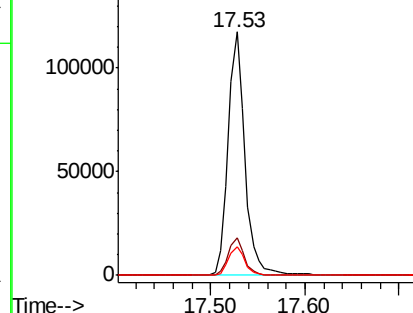
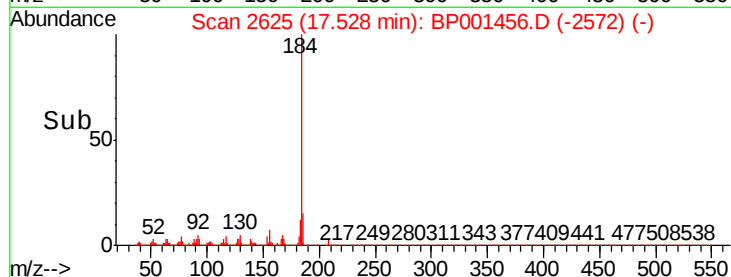
184 100

185 15.3 11.8 17.8

183 11.7 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: 41.054 ng

RT: 17.64 min Scan# 2644

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

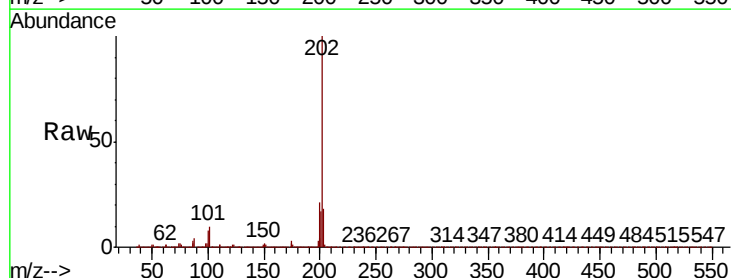
Tgt Ion:202 Resp: 324509

Ion Ratio Lower Upper

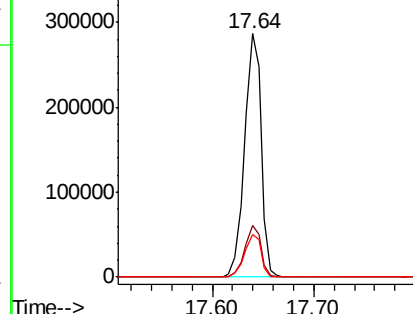
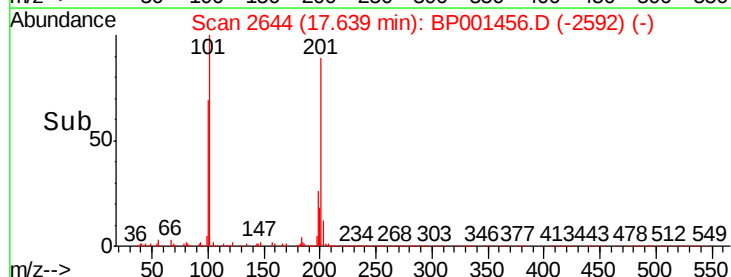
202 100

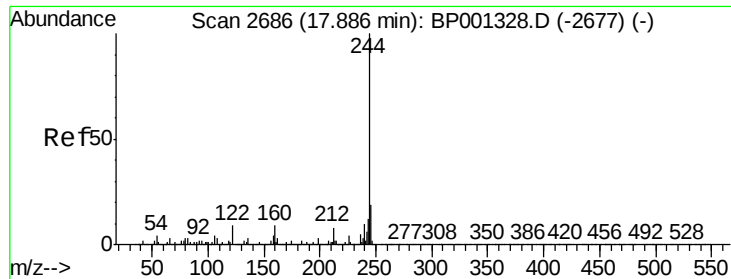
200 21.1 16.6 25.0

203 17.7 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: 88.159 ng

RT: 17.87 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

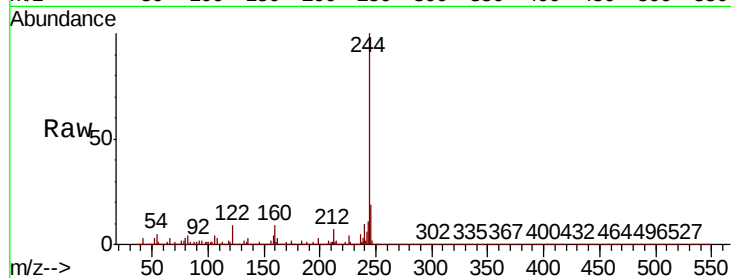
Tot Ion:244 Resp: 523995

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

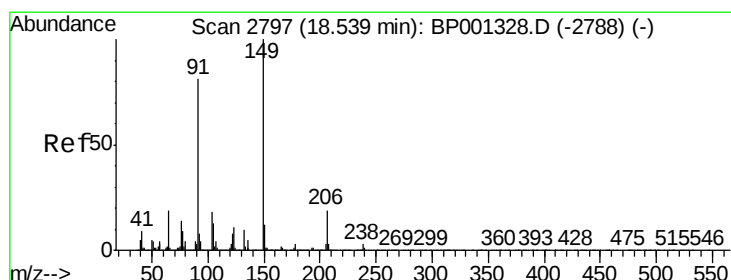
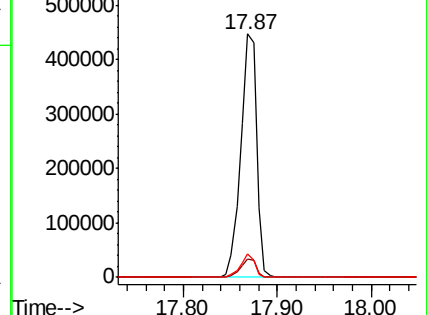
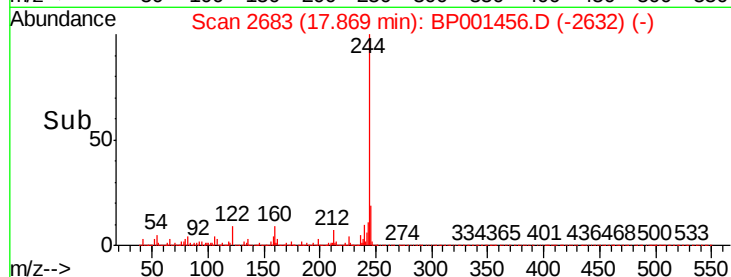
122 9.4 6.4 9.6



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: 38.146 ng

RT: 18.52 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

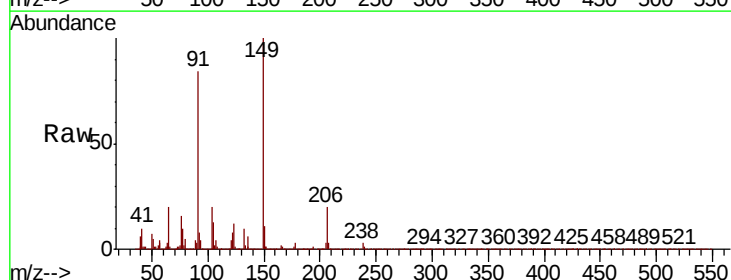
Tgt Ion:149 Resp: 140572

Ion Ratio Lower Upper

149 100

91 84.3 59.8 89.6

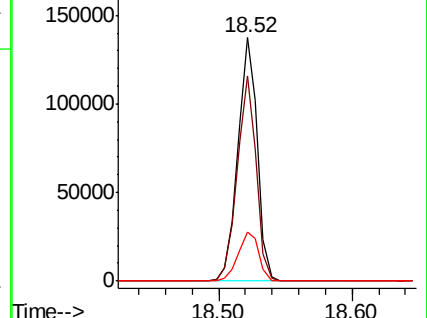
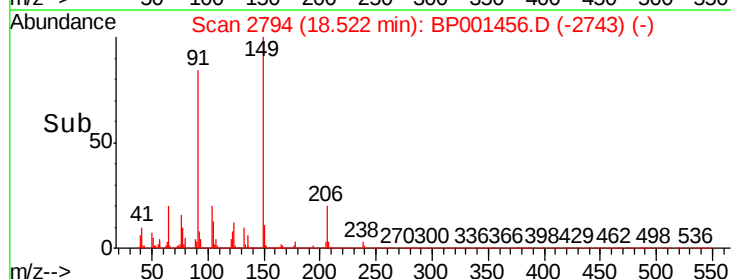
206 20.3 18.3 27.5

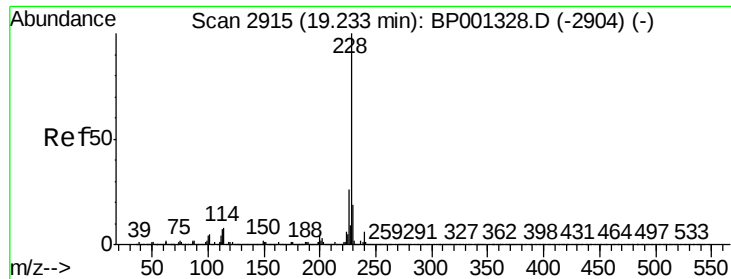


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.275 ng

RT: 19.22 min Scan# 2913

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

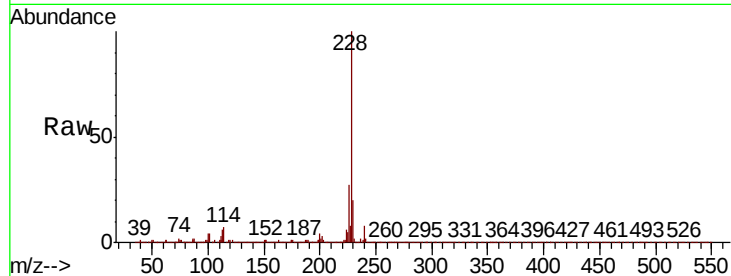
Tot Ion:228 Resp: 306189

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.2
229	19.7	15.7	23.5

228 100

226 26.5 21.4 32.2

229 19.7 15.7 23.5

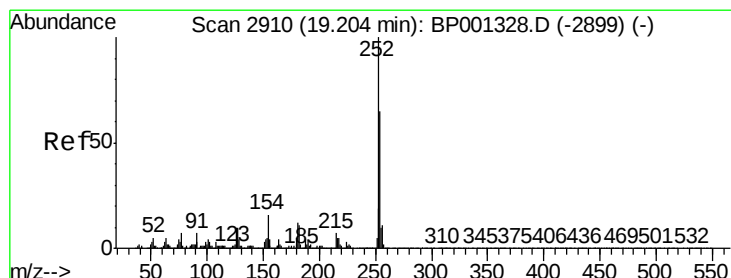
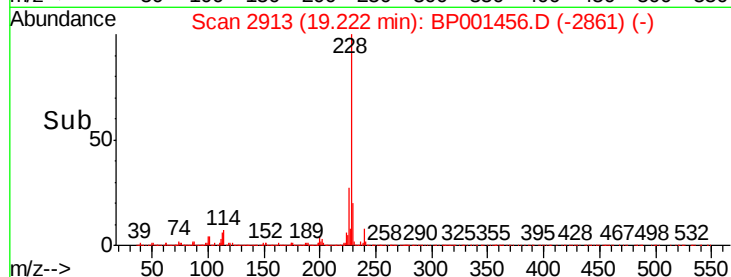
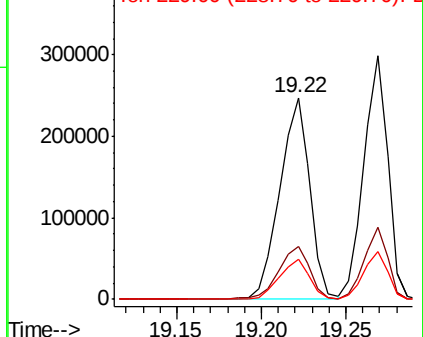


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.980 ng

RT: 19.19 min Scan# 2908

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

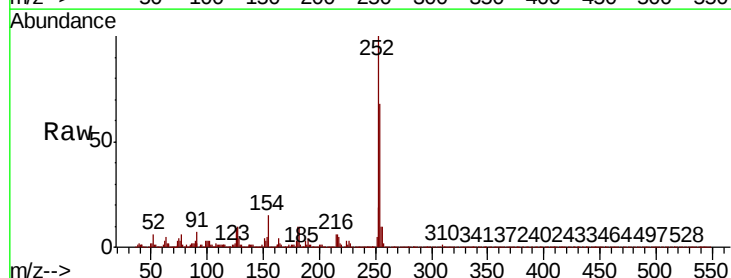
Tgt Ion:252 Resp: 110714

Ion	Ratio	Lower	Upper
252	100		
254	67.9	52.3	78.5
126	9.4	7.3	10.9

252 100

254 67.9 52.3 78.5

126 9.4 7.3 10.9

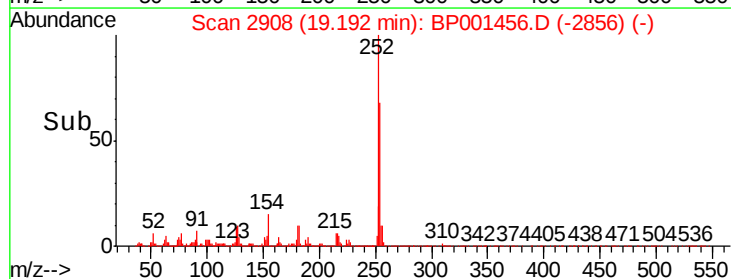
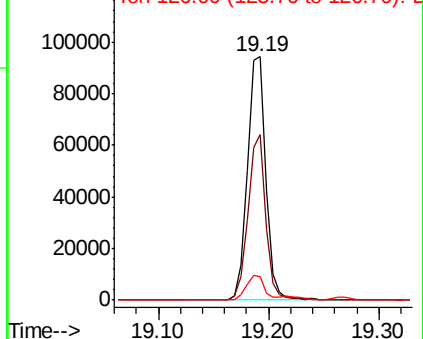


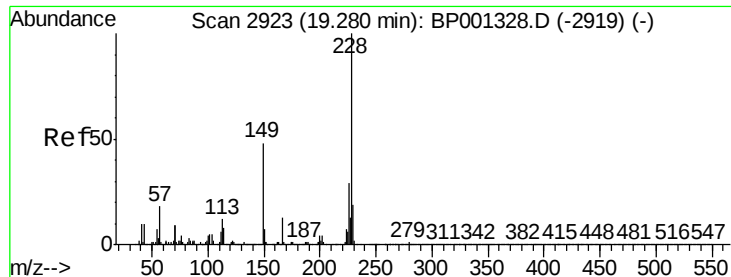
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.377 ng

RT: 19.27 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

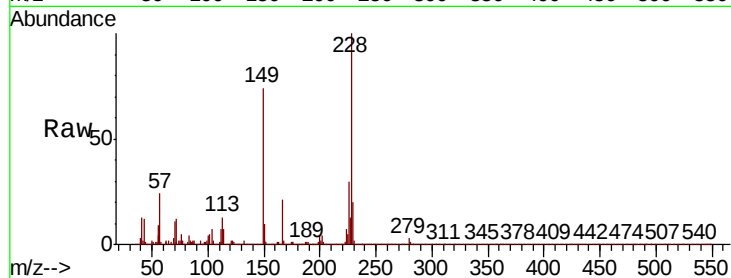
Tot Ion:228 Resp: 296266

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

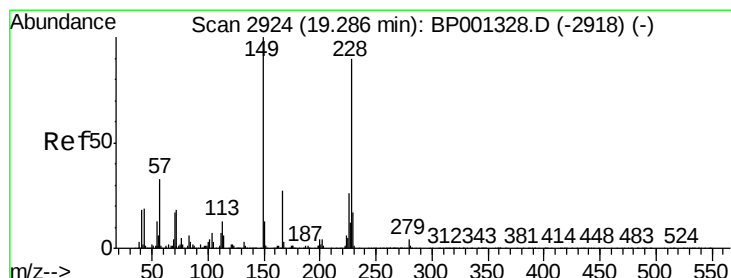
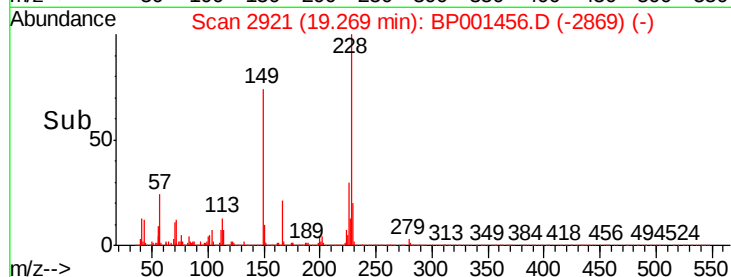
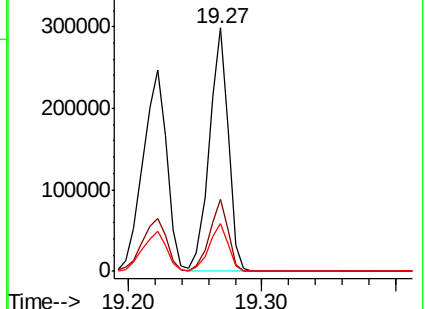
229 19.5 15.5 23.3



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: 38.687 ng

RT: 19.27 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

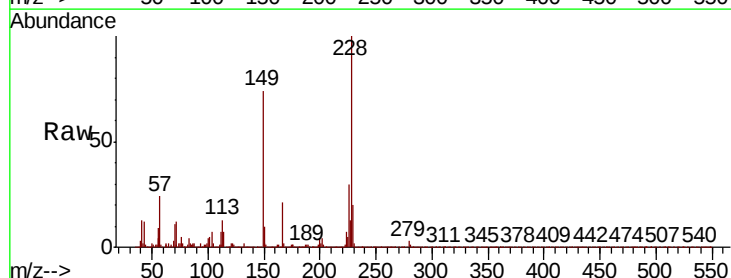
Tgt Ion:149 Resp: 209199

Ion Ratio Lower Upper

149 100

167 28.1 21.4 32.0

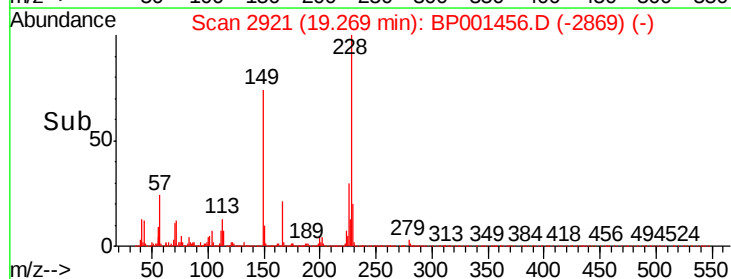
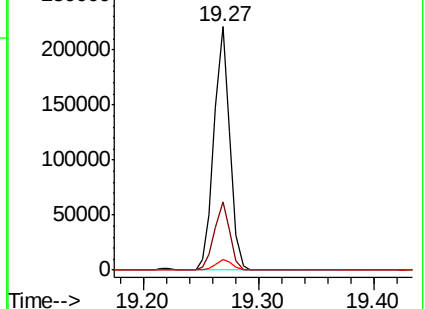
279 4.3 3.2 4.8

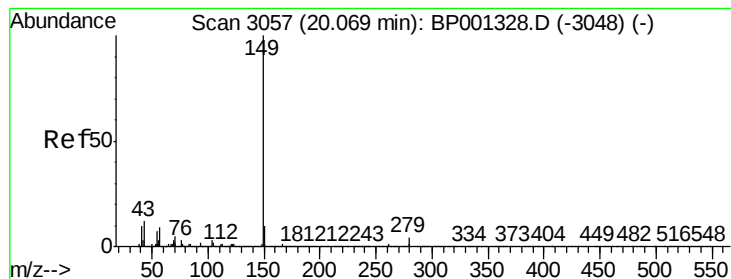


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.668 ng

RT: 20.05 min Scan# 3054

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

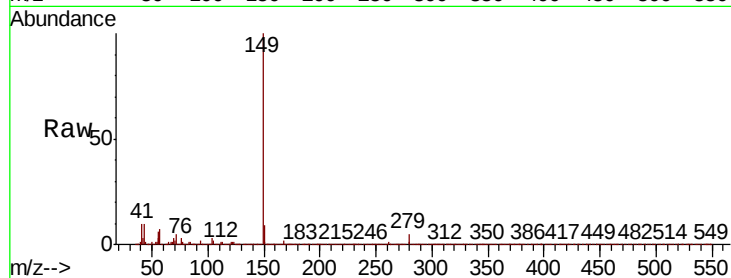
Tot Ion:149 Resp: 337591

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

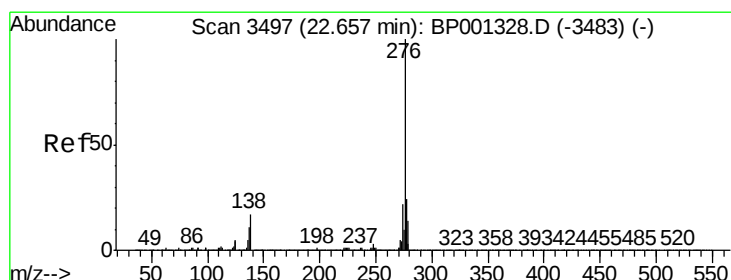
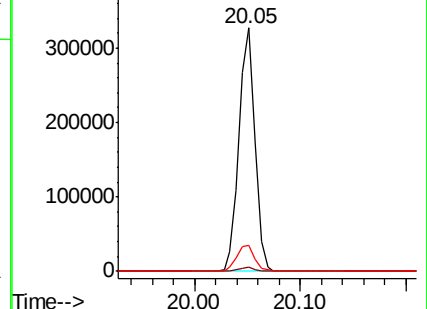
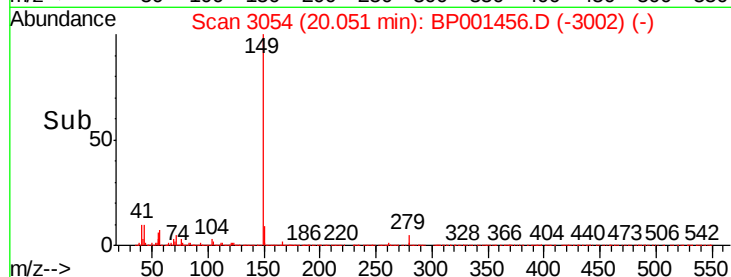
43 11.9 8.6 13.0



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: 39.176 ng

RT: 22.64 min Scan# 3494

Delta R.T. 0.02 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

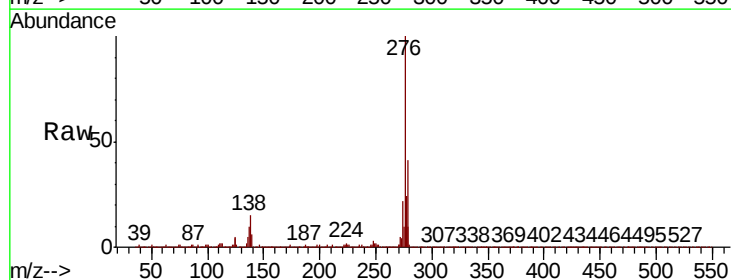
Tgt Ion:276 Resp: 302952

Ion Ratio Lower Upper

276 100

138 16.4 12.8 19.2

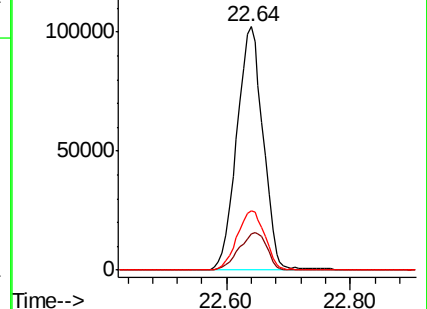
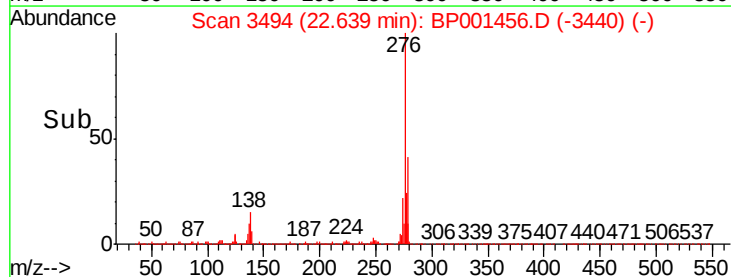
277 25.6 19.9 29.9

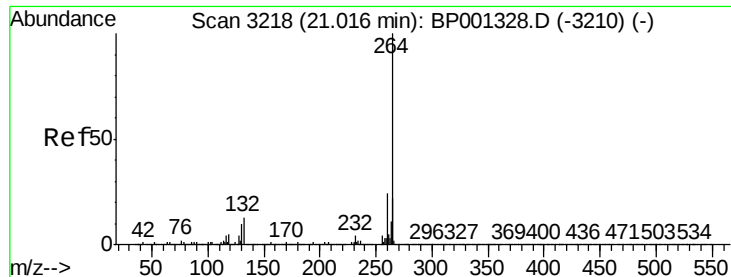


Abundance Ion 276.00 (275.70 to 276.70): E

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: 21.00 min Scan# 3215

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampled :

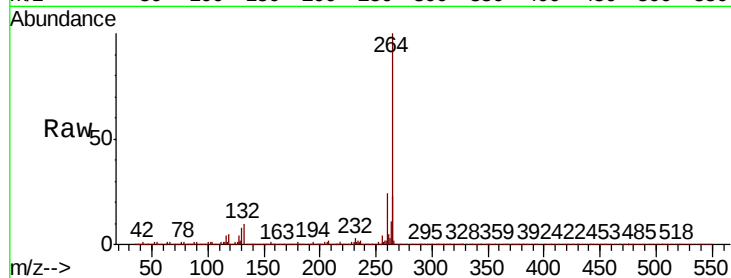
Tot Ion:264 Resp: 104221

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.7 17.0 25.4

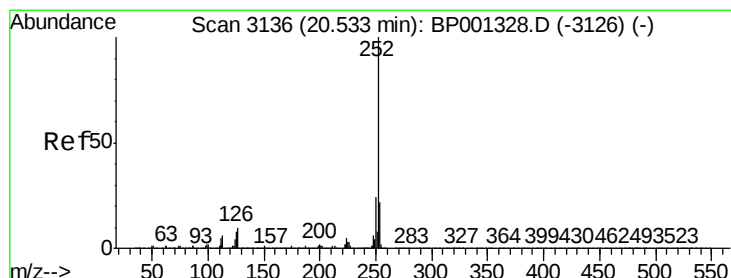
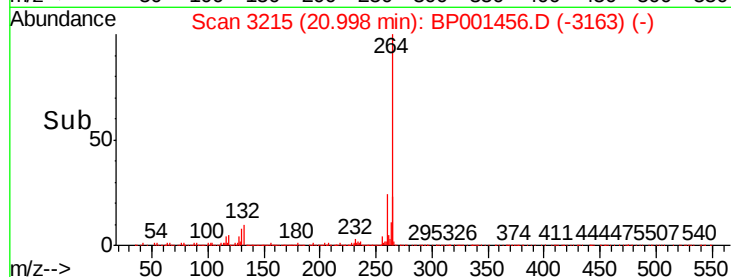
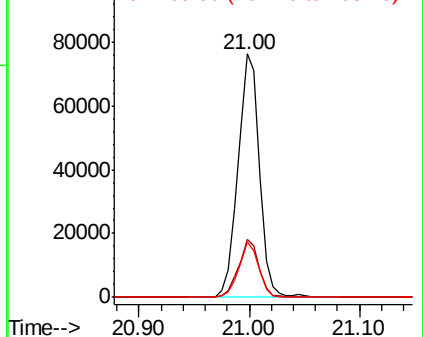


Abundance

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: 41.684 ng

RT: 20.52 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

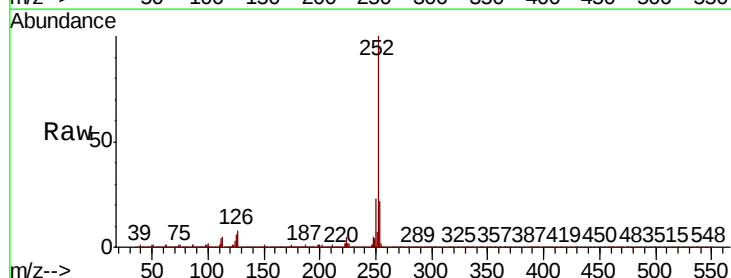
Tgt Ion:252 Resp: 285308

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 5.9 5.6 8.4

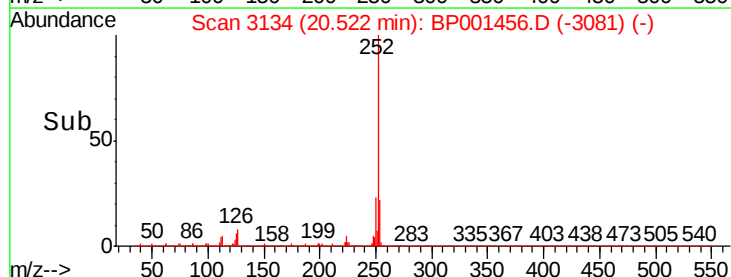
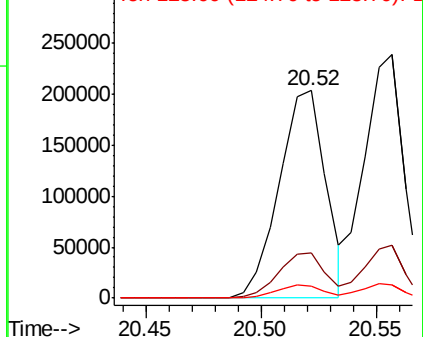


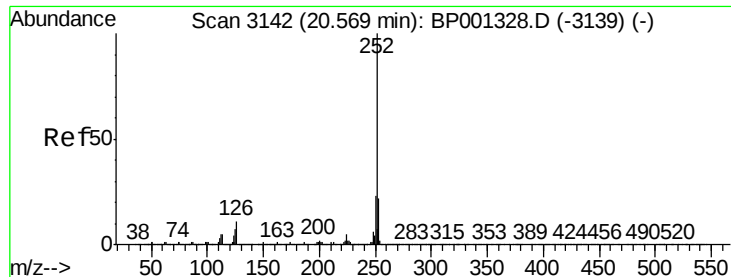
Abundance

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: 43.393 ng

RT: 20.56 min Scan# 3140

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

Instrument :

BNA_P

ClientSampleId :

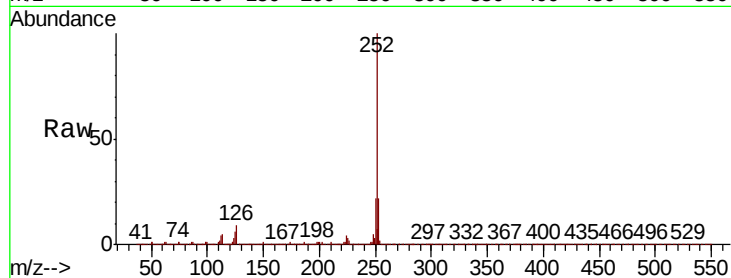
Tot Ion:252 Resp: 282922

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

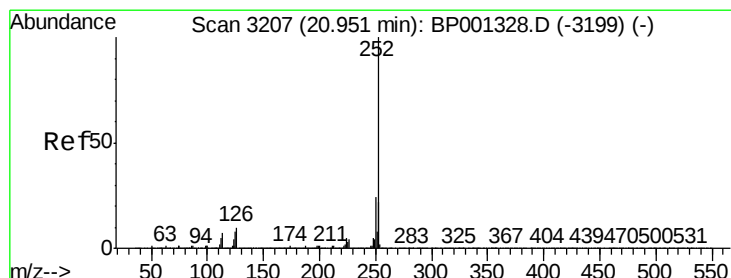
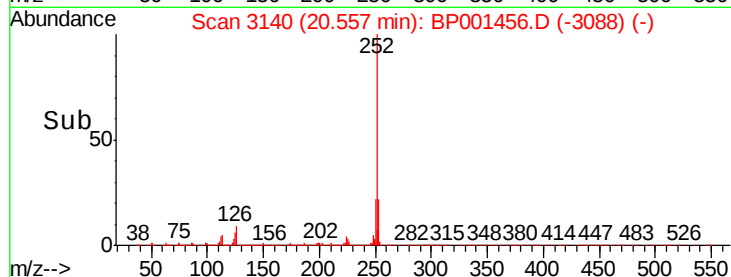
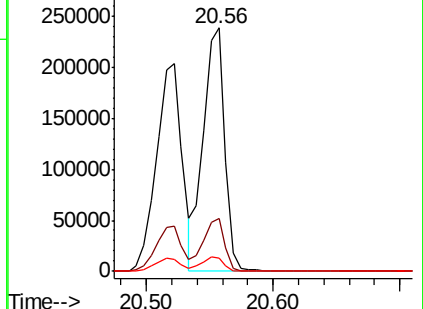
125 5.6 4.5 6.7



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: 42.125 ng

RT: 20.93 min Scan# 3204

Delta R.T. 0.01 min

Lab File: BP001456.D

Acq: 27 Dec 2019 14:02

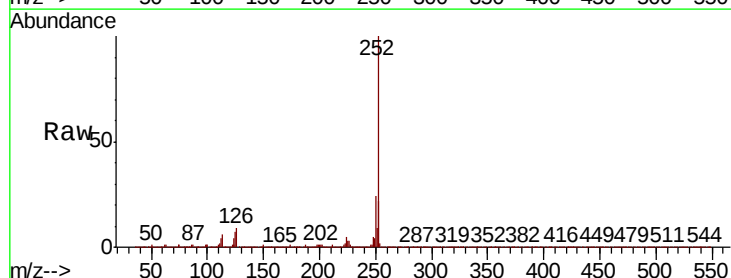
Tgt Ion:252 Resp: 262656

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

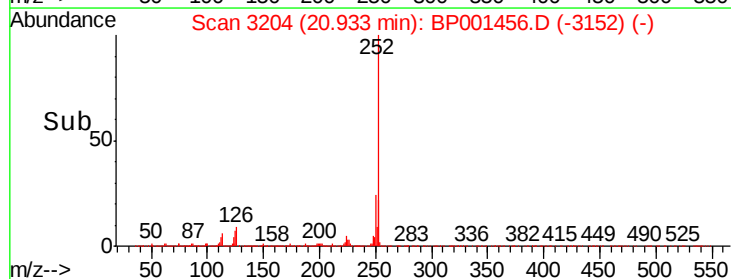
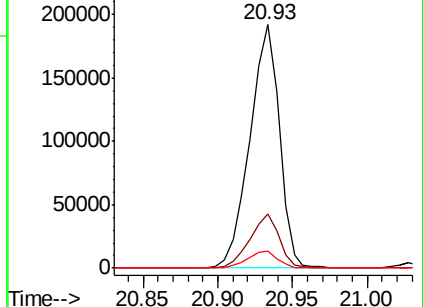
125 6.9 5.2 7.8

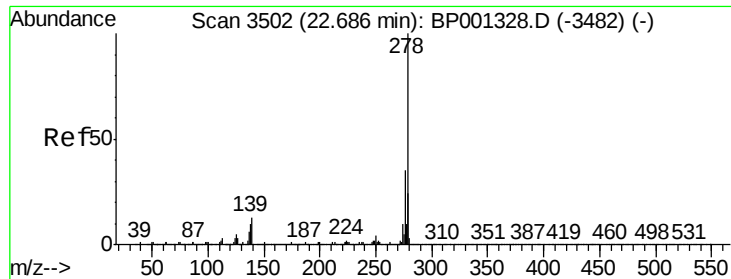


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

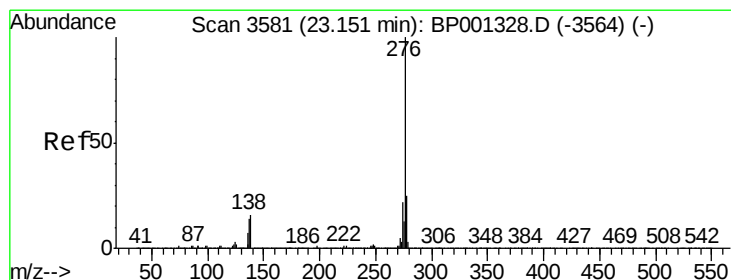
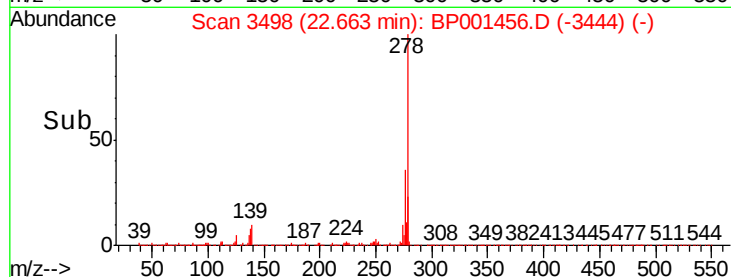
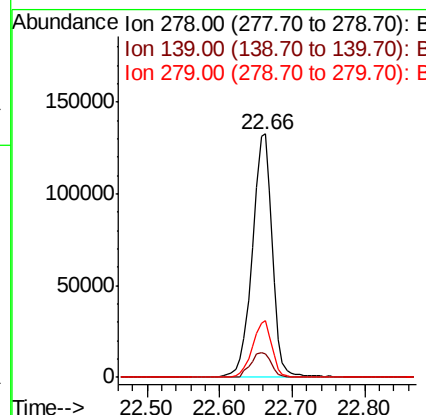
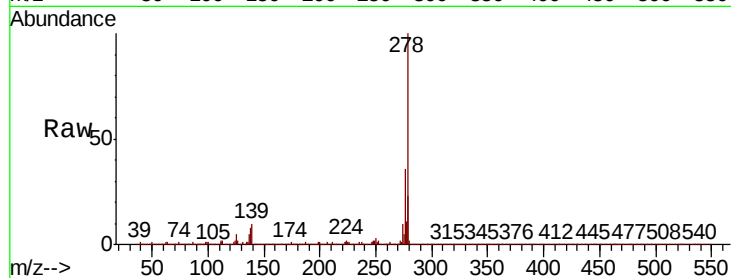




#91
Dibenzo(a,h)anthracene
Concen: 41.629 ng
RT: 22.66 min Scan# 3498
Delta R.T. 0.02 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.3	12.5
279	23.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.834 ng
RT: 23.12 min Scan# 3576
Delta R.T. 0.01 min
Lab File: BP001456.D
Acq: 27 Dec 2019 14:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	27.8
138	13.6	10.5	15.7

