

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001361.D
 Acq On : 23 Dec 2019 12:10
 Operator : JU
 Sample : PB125644BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 23 14:01:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	45967	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	171304	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	102032	20.00	ng	0.00
64) Phenanthrene-d10	15.61	188	207900	20.00	ng	0.01
76) Chrysene-d12	19.26	240	169530	20.00	ng	0.01
87) Perylene-d12	21.03	264	145875	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	345580	121.51	ng	0.02
7) Phenol-d6	7.76	99	449305	121.07	ng	0.00
23) Nitrobenzene-d5	9.19	82	344784	77.29	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	150836	118.24	ng	0.01
45) 2-Fluorobiphenyl	12.12	172	633591	78.52	ng	0.00
79) Terphenyl-d14	17.90	244	806887	81.52	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	47239	40.358	ng	97
3) Pyridine	3.45	79	113765	35.579	ng	99
4) n-Nitrosodimethylamine	3.35	42	89946	44.426	ng	87
6) Aniline	7.78	93	144296	30.886	ng	# 62
8) 2-Chlorophenol	7.96	128	131094	45.848	ng	96
9) Benzaldehyde	7.59	77	84336	32.394	ng	99
10) Phenol	7.78	94	183090	43.177	ng	94
11) bis(2-Chloroethyl)ether	7.90	93	133649	44.551	ng	97
12) 1,3-Dichlorobenzene	8.20	146	150993	42.395	ng	98
13) 1,4-Dichlorobenzene	8.33	146	155994	42.990	ng	96
14) 1,2-Dichlorobenzene	8.56	146	147351	42.626	ng	99
15) Benzyl Alcohol	8.54	79	157632	45.266	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.76	45	198222	41.721	ng	99
17) 2-Methylphenol	8.73	107	114673	45.385	ng	98
18) Hexachloroethane	9.10	117	65070	42.154	ng	96
19) n-Nitroso-di-n-propylamine	8.98	70	116495	44.217	ng	97
20) 3+4-Methylphenols	8.98	107	151123	45.072	ng	97
22) Acetophenone	8.95	105	218182	40.277	ng	# 98
24) Nitrobenzene	9.22	77	181300	41.293	ng	99
25) Isophorone	9.61	82	307873	42.922	ng	99
26) 2-Nitrophenol	9.73	139	69308	44.269	ng	96
27) 2,4-Dimethylphenol	9.82	122	114144	49.571	ng	98
28) bis(2-Chloroethoxy)methane	9.97	93	170218	39.733	ng	99
29) 2,4-Dichlorophenol	10.12	162	120300	42.193	ng	95
30) 1,2,4-Trichlorobenzene	10.25	180	142847	40.731	ng	99
31) Naphthalene	10.37	128	390866	41.800	ng	99
32) Benzoic acid	10.02	122	74788	40.990	ng	98
33) 4-Chloroaniline	10.47	127	76223	19.932	ng	98
34) Hexachlorobutadiene	10.59	225	94814	38.761	ng	97
35) Caprolactam	11.05	113	38116	44.927	ng	92
36) 4-Chloro-3-methylphenol	11.29	107	141472	42.460	ng	98
37) 2-Methylnaphthalene	11.50	142	276974	42.904	ng	99
38) 1-Methylnaphthalene	11.66	142	258079	42.523	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	150755	39.960	ng	99

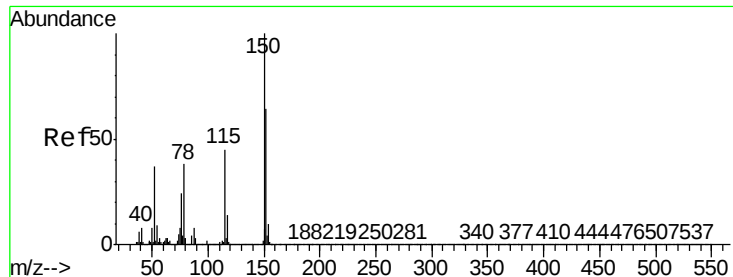
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
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 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	174056	93.282	ng	100
43) 2,4,6-Trichlorophenol	11.97	196	95822	41.300	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	101335	42.509	ng	96
46) 1,1'-Biphenyl	12.28	154	343747	40.259	ng	99
47) 2-Chloronaphthalene	12.30	162	272390	39.462	ng	98
48) 2-Nitroaniline	12.47	65	106814	38.645	ng	96
49) Acenaphthylene	12.97	152	425075	42.127	ng	99
50) Dimethylphthalate	12.80	163	336103	40.153	ng	99
51) 2,6-Dinitrotoluene	12.89	165	71006	41.776	ng	95
52) Acenaphthene	13.26	154	243691	40.084	ng	98
53) 3-Nitroaniline	13.15	138	46922	25.721	ng	94
54) 2,4-Dinitrophenol	13.33	184	68522	104.405	ng	97
55) Dibenzofuran	13.55	168	388121	40.746	ng	98
56) 4-Nitrophenol	13.46	139	117872	90.359	ng	94
57) 2,4-Dinitrotoluene	13.55	165	98669	41.767	ng	93
58) Fluorene	14.11	166	313760	41.183	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.69	232	81450	39.797	ng	98
60) Diethylphthalate	13.97	149	347665	40.269	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	161897	40.424	ng	97
62) 4-Nitroaniline	12.47	138	85691	40.562	ng	96
63) Azobenzene	14.39	77	369993	40.707	ng	98
65) 4,6-Dinitro-2-methylphenol	14.21	198	46631	50.082	ng	93
66) n-Nitrosodiphenylamine	14.33	169	268370	40.718	ng	99
67) 4-Bromophenyl-phenylether	14.93	248	98422	40.041	ng	93
68) Hexachlorobenzene	15.01	284	108427	38.748	ng	98
69) Atrazine	15.22	200	102965	43.491	ng	98
70) Pentachlorophenol	15.33	266	127723	89.005	ng	93
71) Phenanthrene	15.65	178	477588	40.264	ng	100
72) Anthracene	15.72	178	483705	41.195	ng	99
73) Carbazole	15.97	167	414035	39.550	ng	98
74) Di-n-butylphthalate	16.53	149	569663	39.653	ng	99
75) Fluoranthene	17.36	202	537592	40.533	ng	99
77) Benzidine	17.55	184	132277	26.799	ng	99
78) Pyrene	17.66	202	535929	40.715	ng	100
80) Butylbenzylphthalate	18.55	149	243737	39.718	ng	98
81) Benzo(a)anthracene	19.25	228	490781	39.729	ng	98
82) 3,3'-Dichlorobenzidine	19.21	252	132680	30.930	ng	97
83) Chrysene	19.29	228	474919	39.830	ng	98
84) Bis(2-ethylhexyl)phthalate	19.30	149	356761	39.619	ng	98
85) Di-n-octyl phthalate	20.08	149	590977	39.597	ng	99
86) Indeno(1,2,3-cd)pyrene	22.69	276	472535	36.694	ng	100
88) Benzo(b)fluoranthene	20.55	252	445062	46.457	ng	99
89) Benzo(k)fluoranthene	20.59	252	443236	48.570	ng	100
90) Benzo(a)pyrene	20.96	252	398042	45.610	ng	99
91) Dibenzo(a,h)anthracene	22.72	278	401447	47.047	ng	98
92) Benzo(g,h,i)perylene	23.17	276	379531	46.547	ng	96

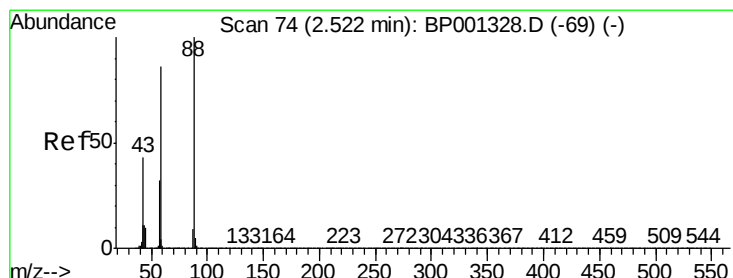
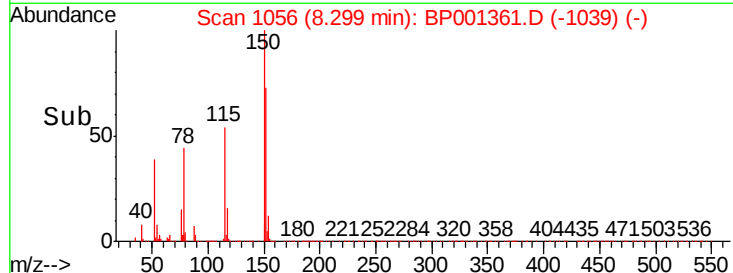
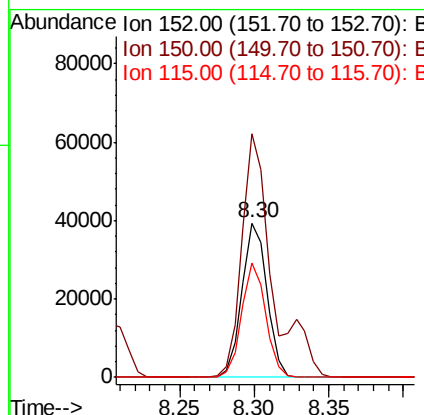
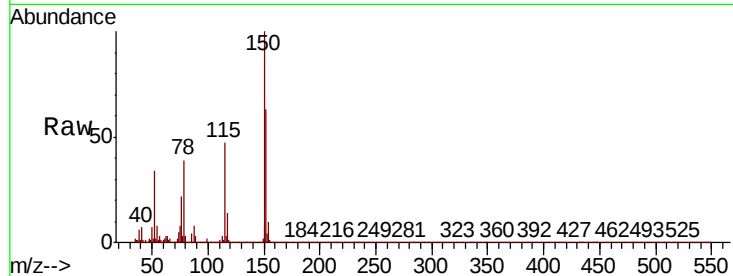
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

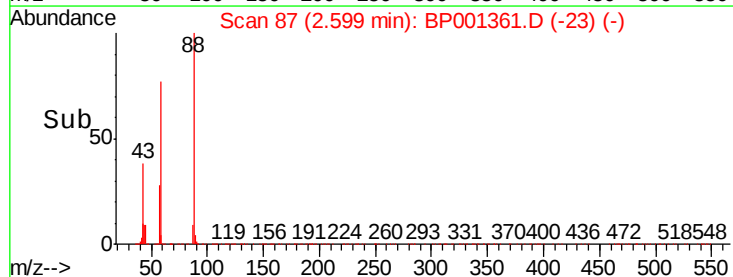
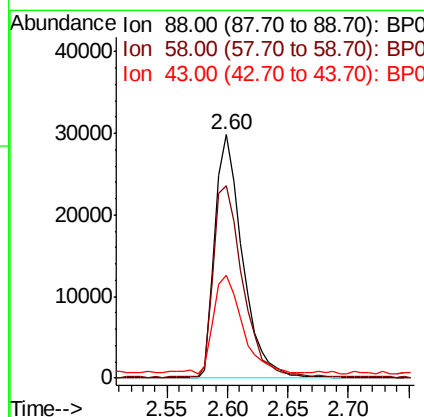
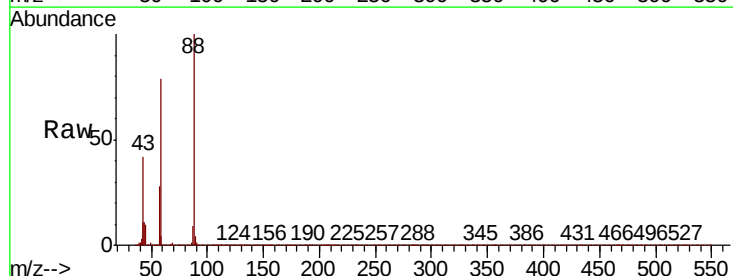
Instrument :
 BNA_P
 ClientSampleId :

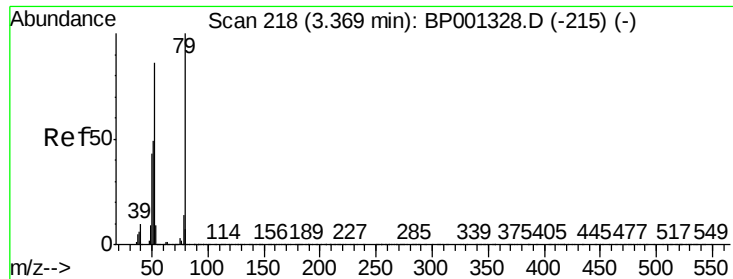
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.0	186.0
115	74.4	59.3	88.9



#2
 1,4-Dioxane
 Concen: 40.358 ng
 RT: 2.60 min Scan# 87
 Delta R.T. 0.08 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	69.6	104.4
43	42.2	33.7	50.5

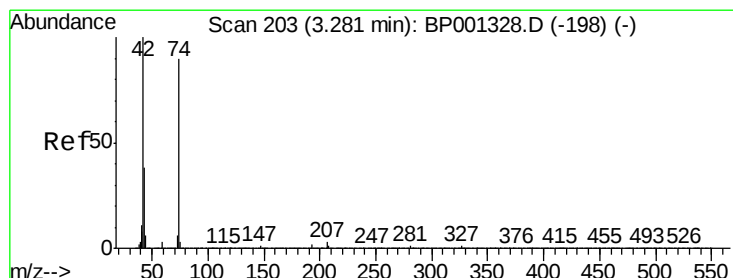
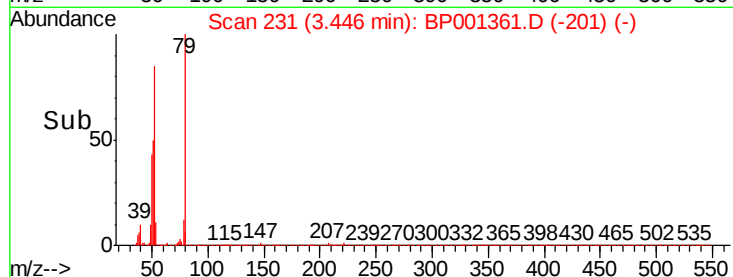
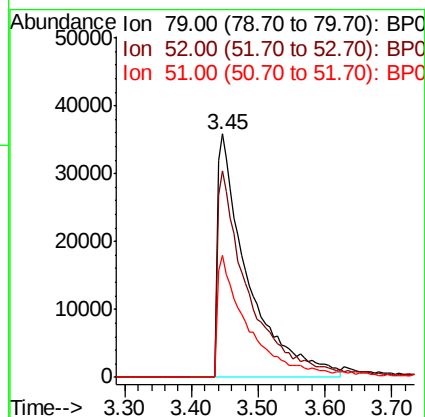
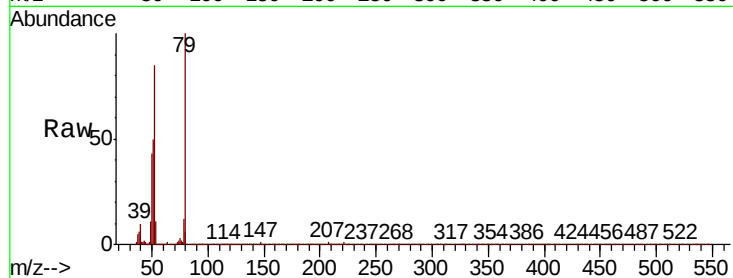




#3
 Pvridine
 Concen: 35.579 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

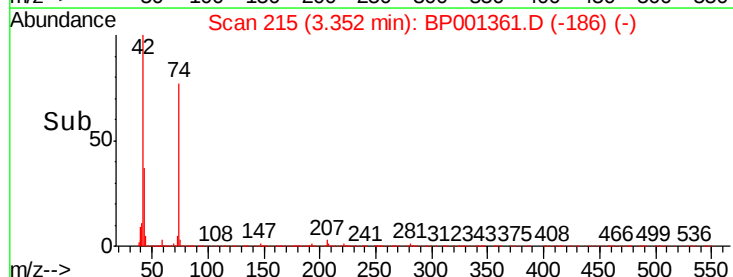
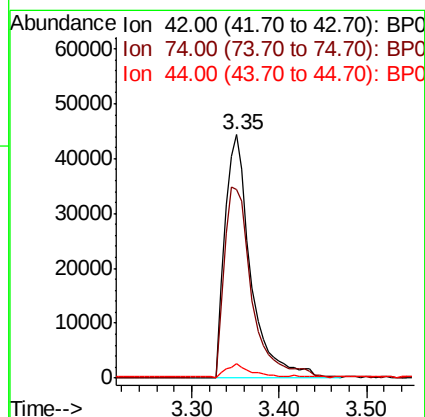
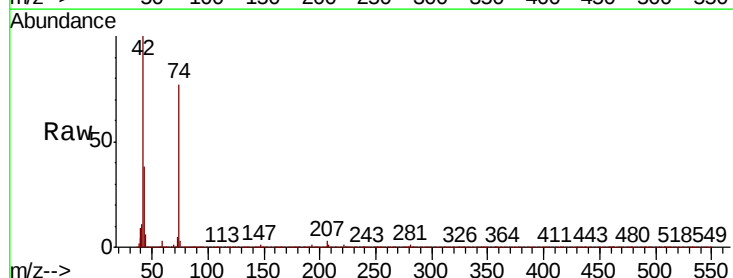
Instrument :
 BNA_P
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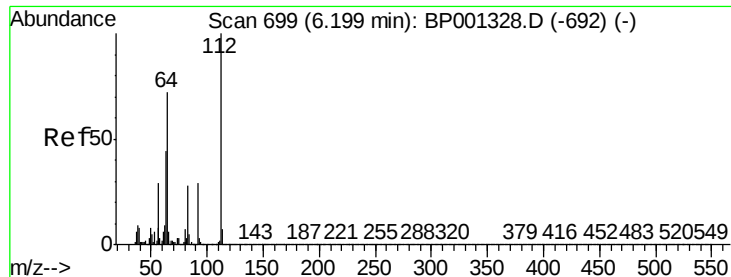
Tot Ion: 79 Resp: 113765
 Ion Ratio Lower Upper
 79 100
 52 84.8 68.5 102.7
 51 50.1 39.5 59.3



#4
 n-Nitrosodimethylamine
 Concen: 44.426 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.07 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

Tgt Ion: 42 Resp: 89946
 Ion Ratio Lower Upper
 42 100
 74 77.4 72.2 108.4
 44 6.1 4.5 6.7





#5

2-Fluorophenol

Concen: 121.505 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

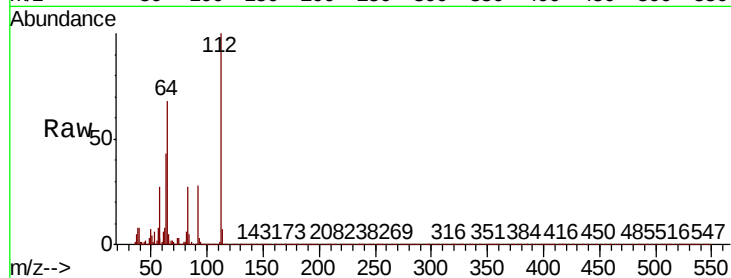
Tot Ion: 112 Resp: 345580

Ion Ratio Lower Upper

112 100

64 67.7 57.6 86.4

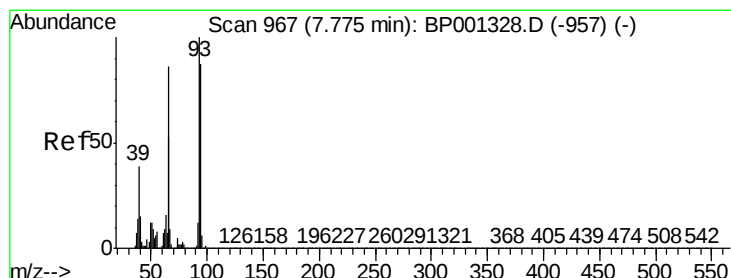
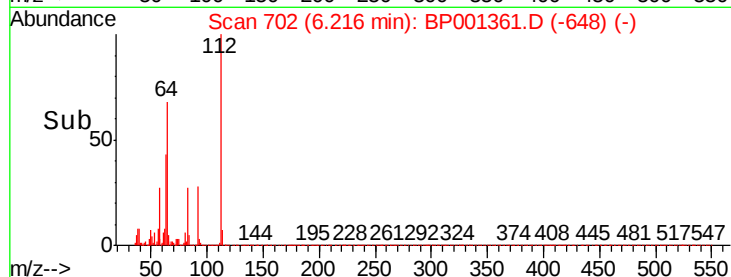
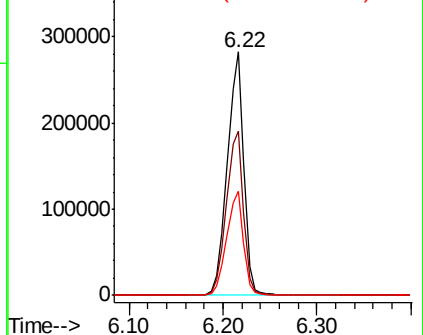
63 42.7 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 30.886 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.00 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

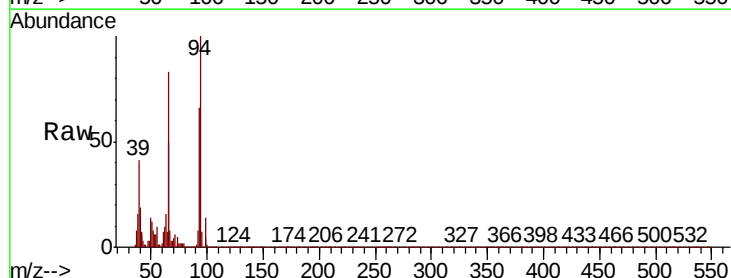
Tgt Ion: 93 Resp: 144296

Ion Ratio Lower Upper

93 100

66 125.4 69.0 103.6#

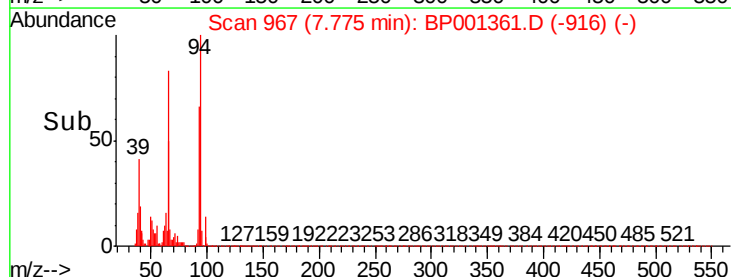
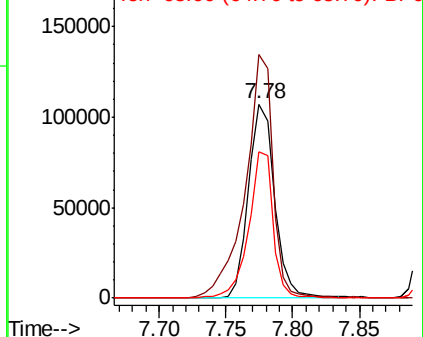
65 75.1 42.2 63.4#

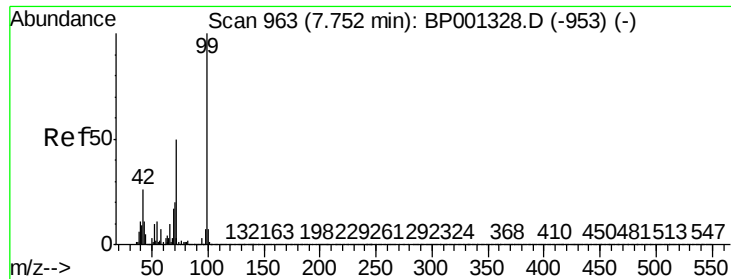


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 121.065 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

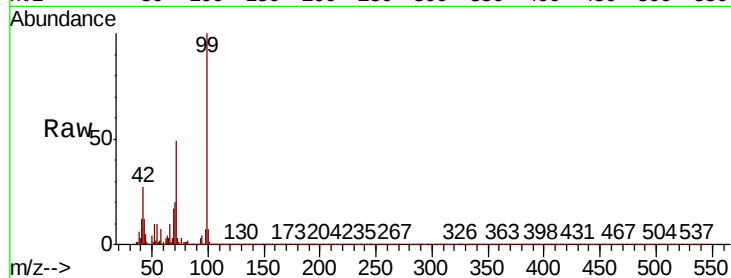
Tot Ion: 99 Resp: 449305

Ion Ratio Lower Upper

99 100

42 26.5 20.9 31.3

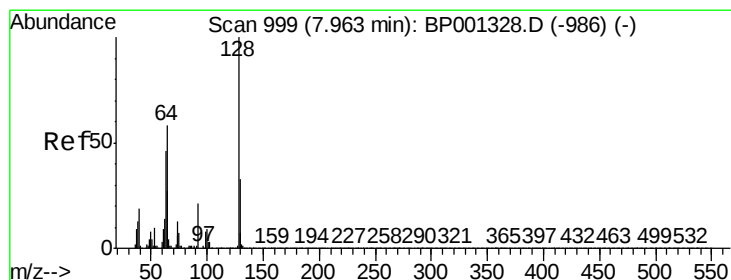
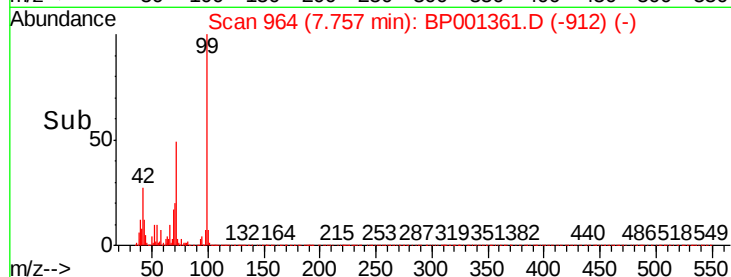
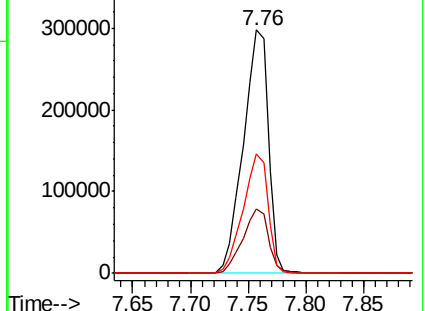
71 49.2 40.0 60.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 45.848 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

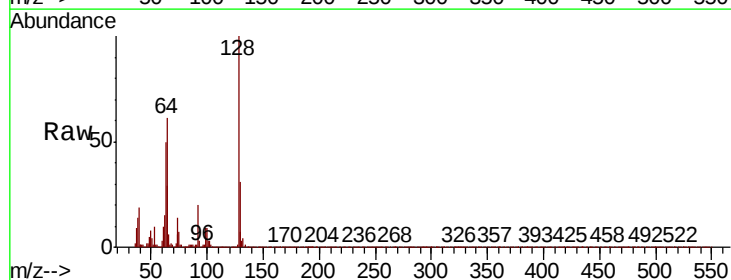
Tgt Ion: 128 Resp: 131094

Ion Ratio Lower Upper

128 100

130 31.3 13.5 53.5

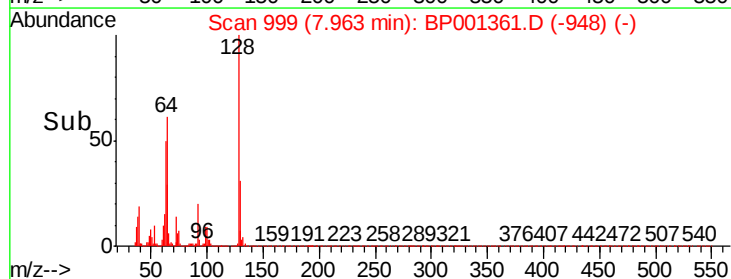
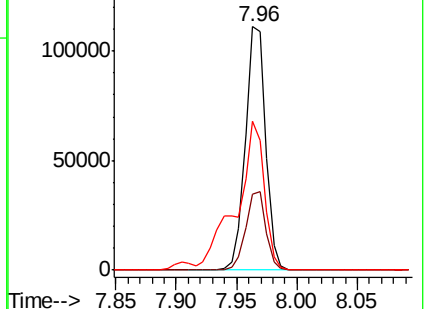
64 61.1 38.2 78.2

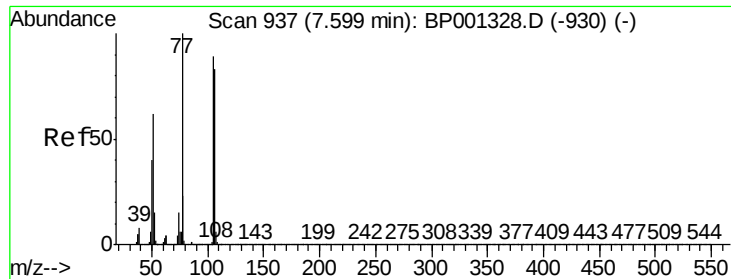


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0

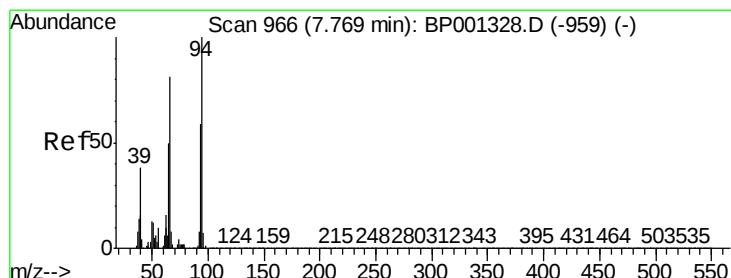
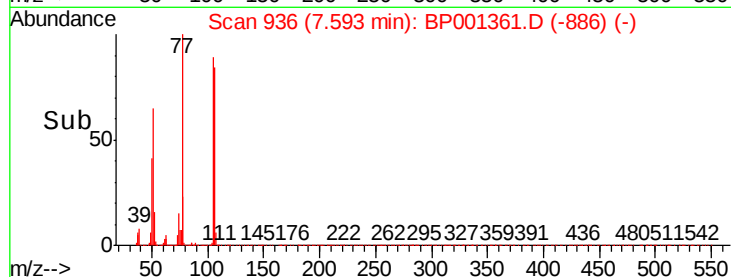
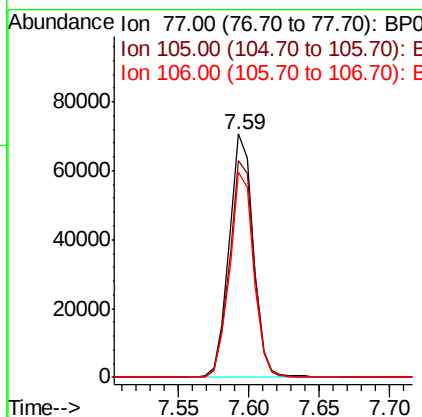
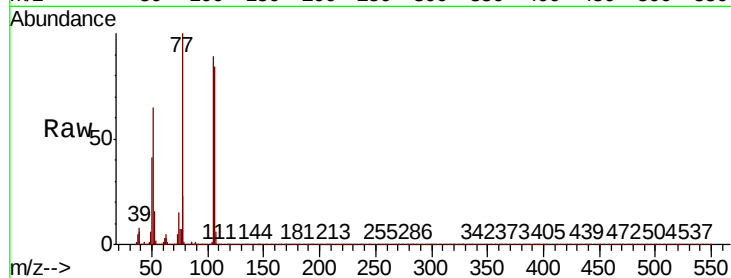




#9
Benzaldehyde
Concen: 32.394 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

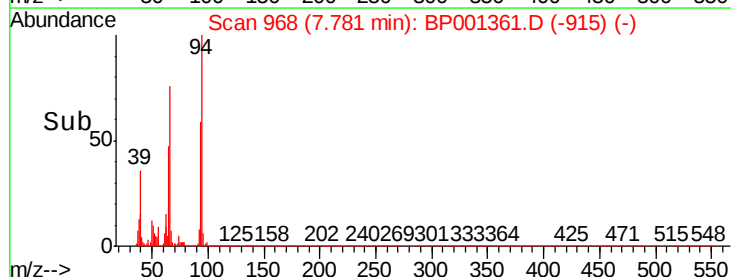
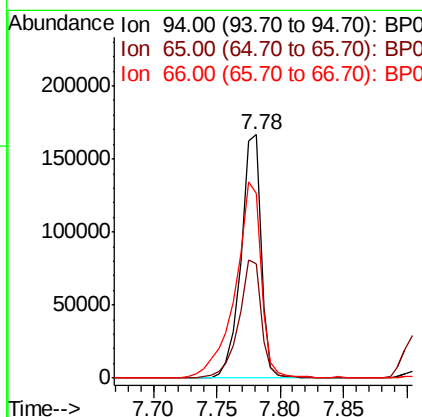
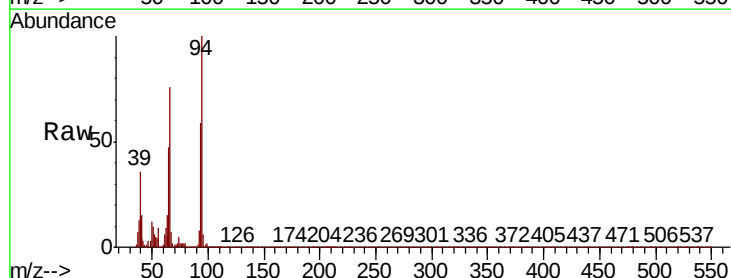
Instrument :
BNA_P
ClientSampled :

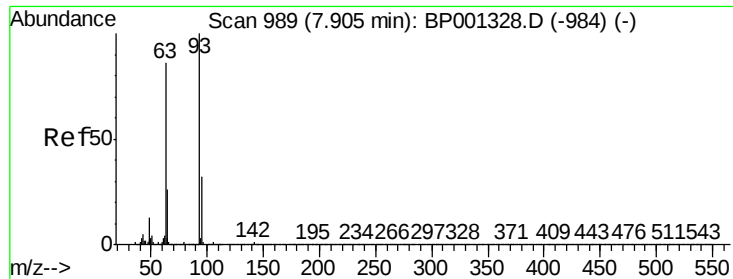
Tot Ion: 77 Resp: 84336
Ion Ratio Lower Upper
77 100
105 88.8 68.6 108.6
106 84.0 62.5 102.5



#10
Phenol
Concen: 43.177 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion: 94 Resp: 183090
Ion Ratio Lower Upper
94 100
65 47.1 30.4 70.4
66 76.0 62.0 102.0

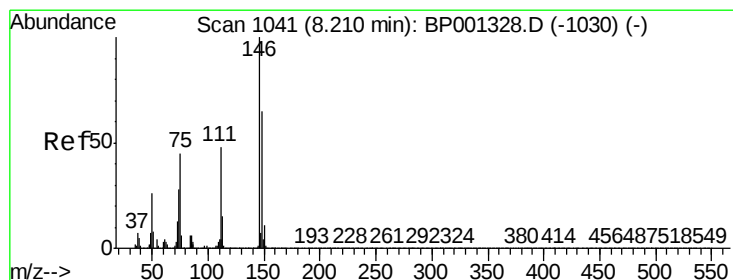
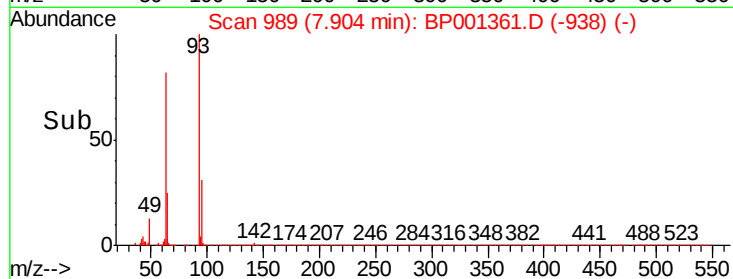
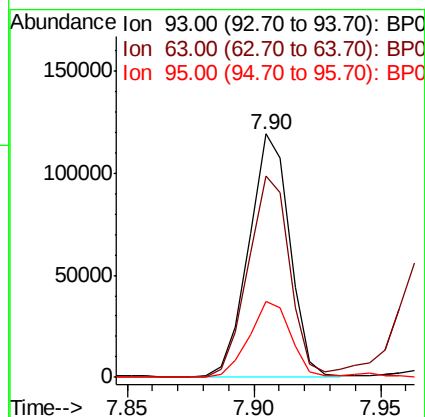
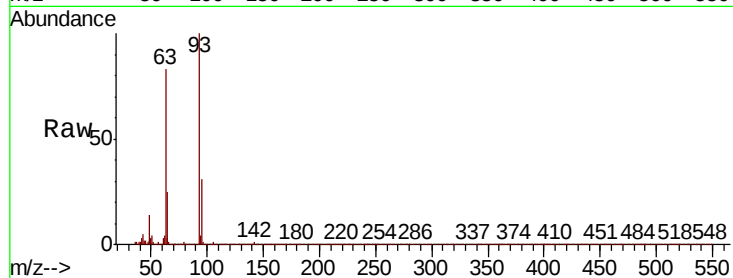




#11
bis(2-Chloroethyl)ether
Concen: 44.551 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

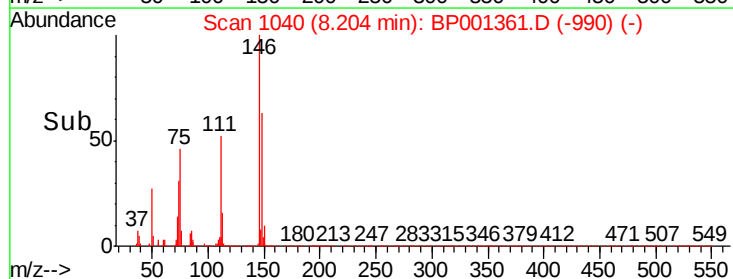
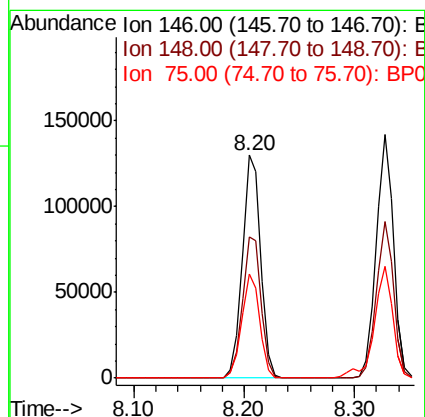
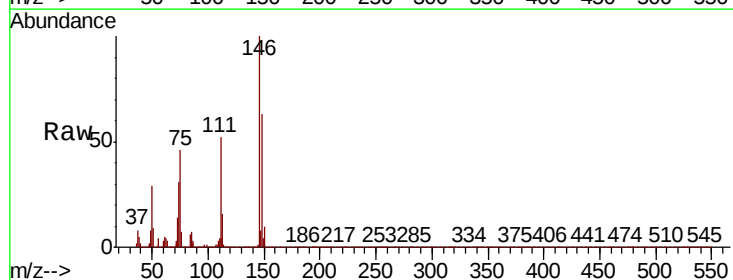
Instrument :
BNA_P
ClientSampleId :

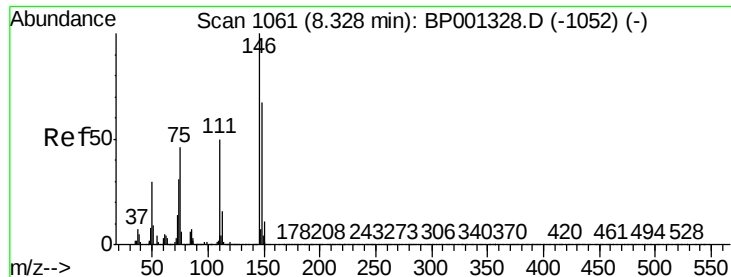
Tot Ion	93	Resp	133649
Ion Ratio	Lower	Upper	
93	100		
63	83.0	66.2	106.2
95	31.3	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 42.395 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	146	Resp	150993
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.9	77.9
75	46.5	36.2	54.4





#13

1,4-Dichlorobenzene

Concen: 42.990 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.00 min

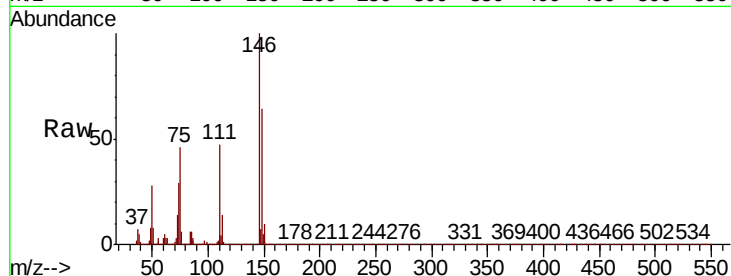
Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 155994

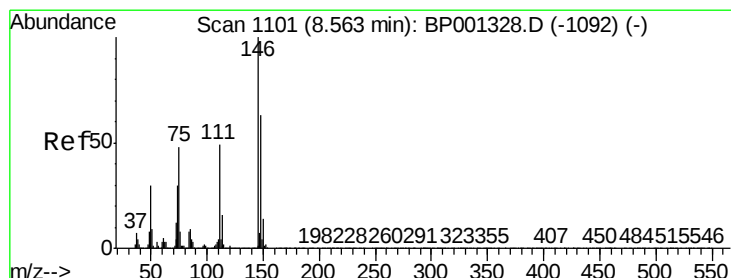
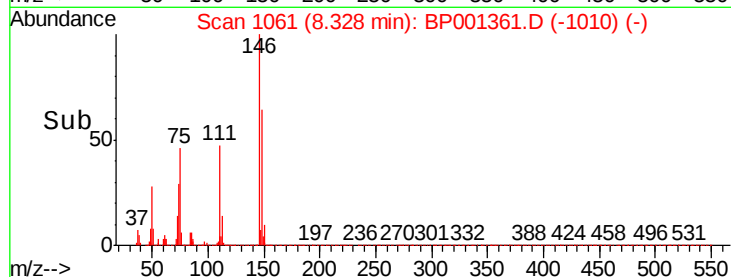
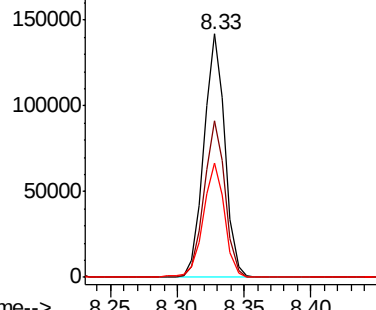
Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.3	79.9
111	47.1	40.2	60.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.626 ng

RT: 8.56 min Scan# 1101

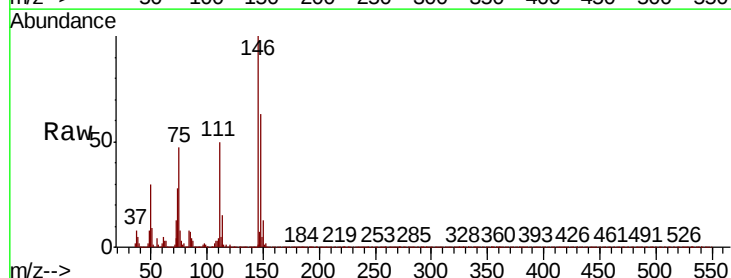
Delta R.T. -0.00 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Tgt Ion:146 Resp: 147351

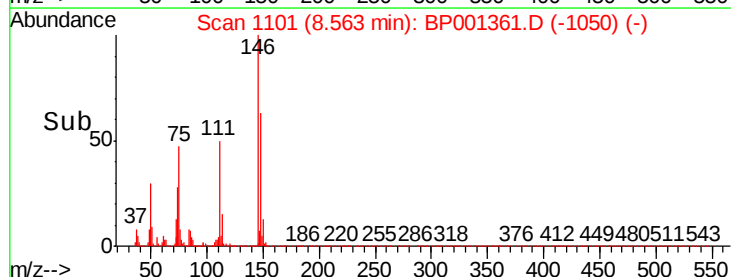
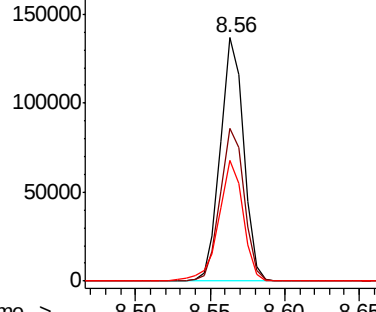
Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	49.5	39.4	59.2

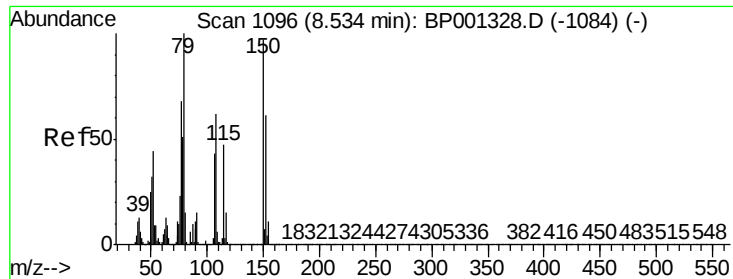


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.266 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

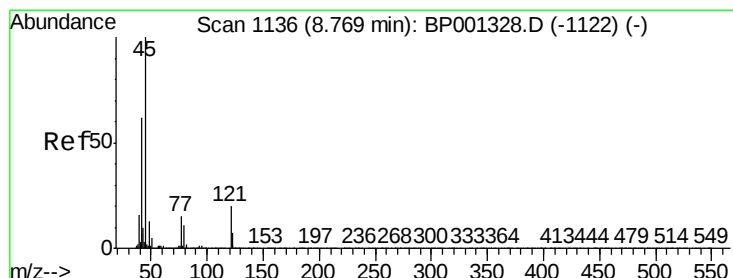
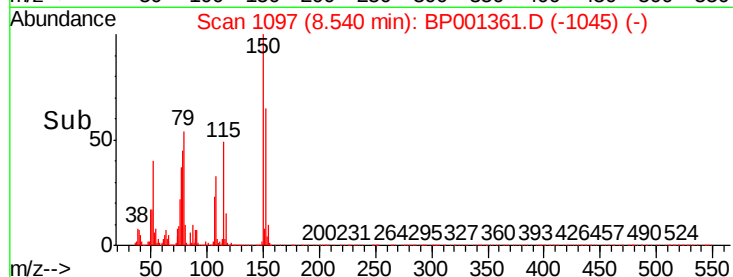
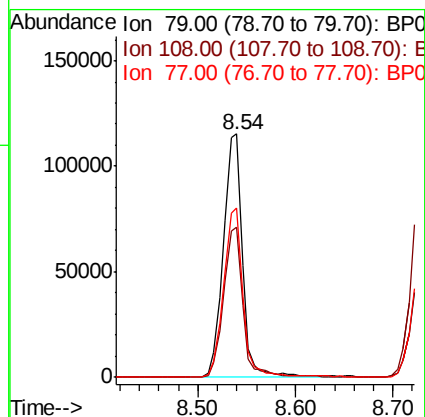
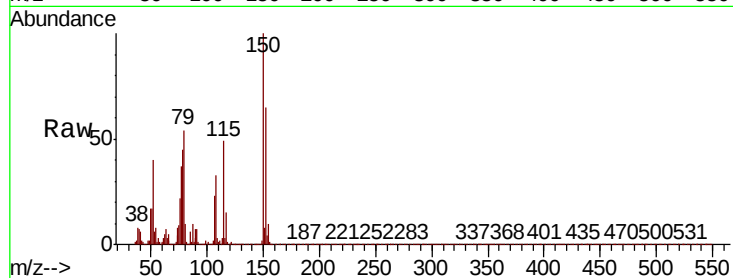
Tot Ion: 79 Resp: 157632

Ion Ratio Lower Upper

79 100

108 61.7 49.3 73.9

77 69.4 54.4 81.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.721 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

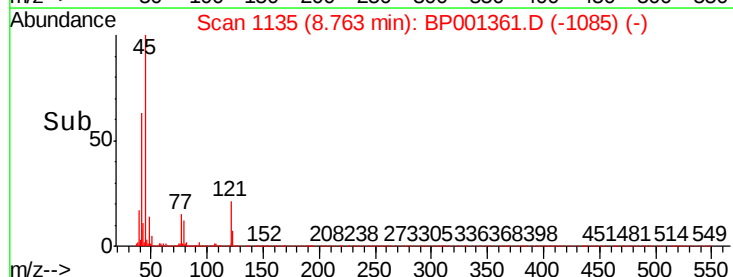
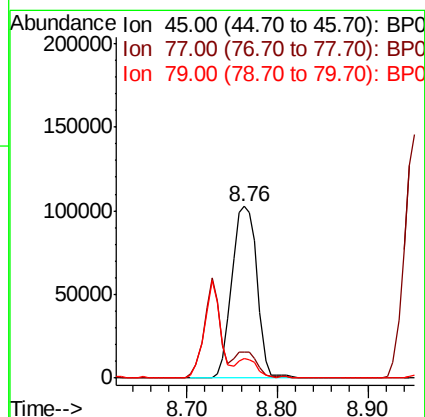
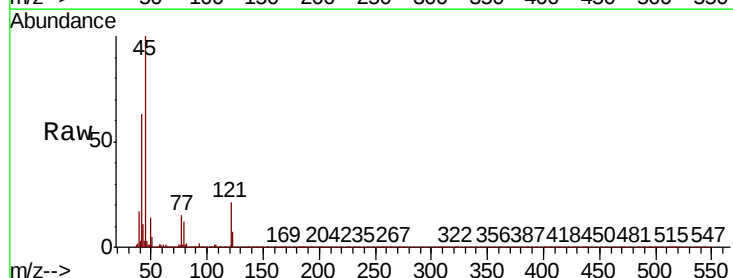
Tgt Ion: 45 Resp: 198222

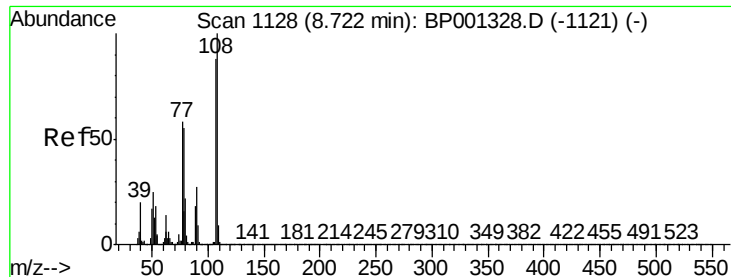
Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.8

79 11.7 0.0 31.2

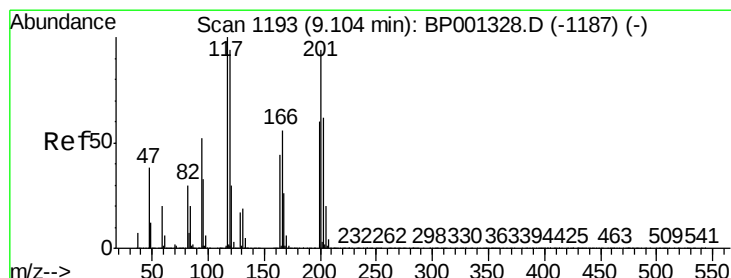
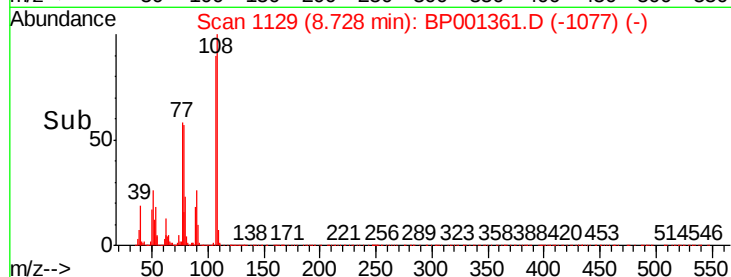
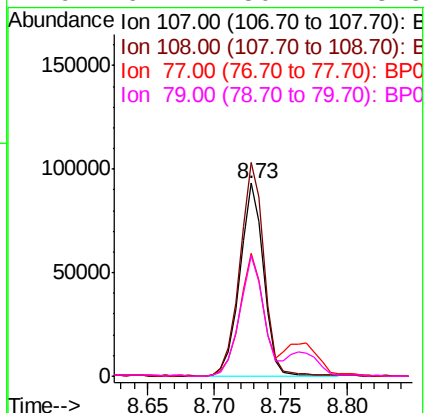
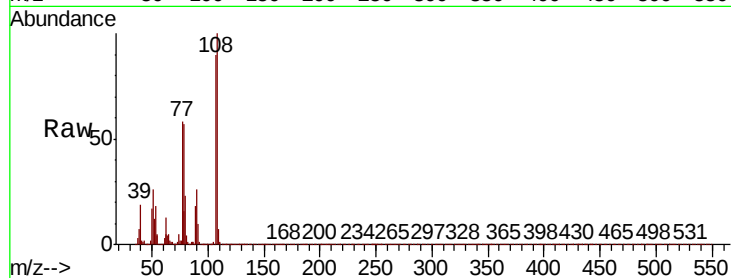




#17
2-Methylphenol
Concen: 45.385 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

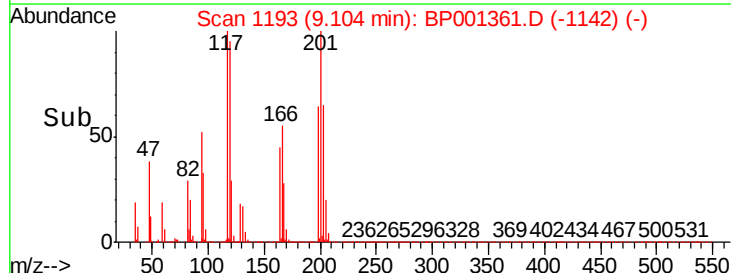
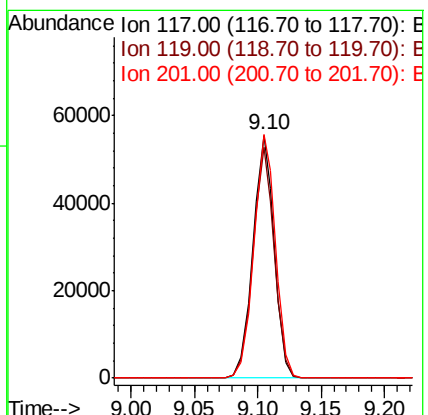
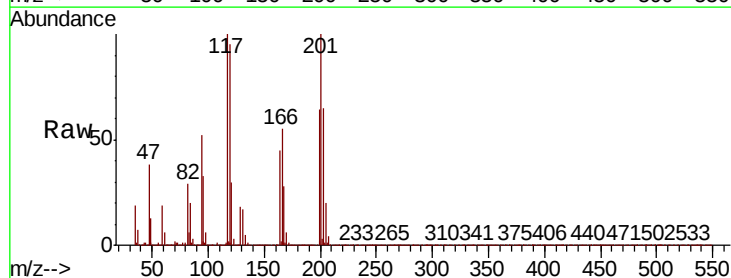
Instrument :
BNA_P
ClientSampleId :

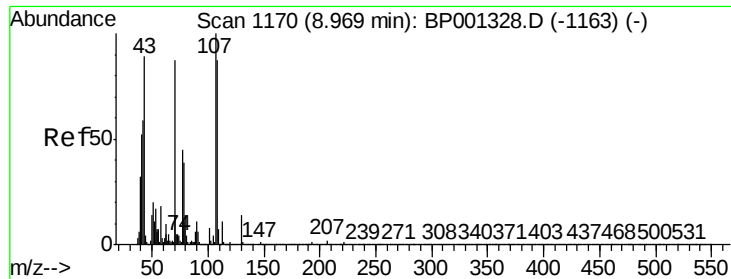
Tot Ion:	107	Resp:	114673
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.7	136.1
77	64.0	52.7	79.1
79	62.7	50.4	75.6



#18
Hexachloroethane
Concen: 42.154 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:	117	Resp:	65070
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.0	112.4
201	100.4	75.6	113.4

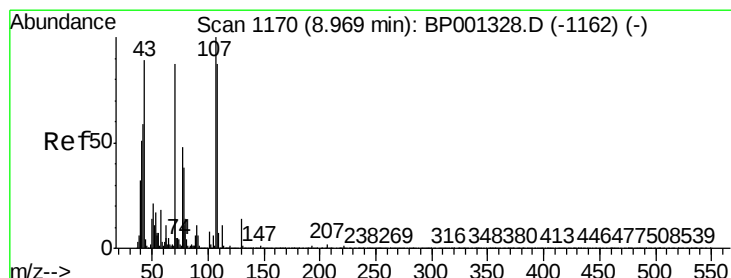
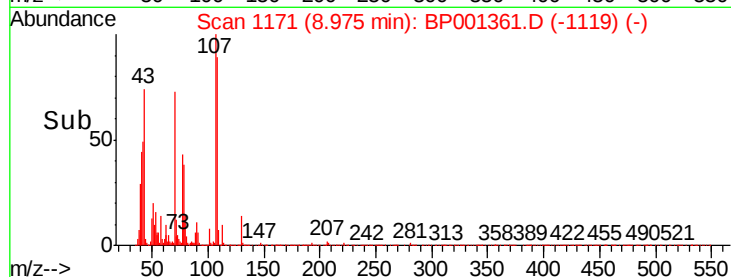
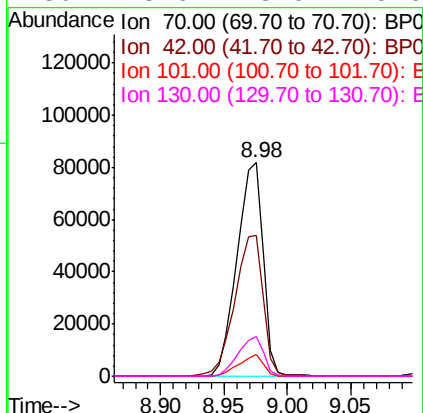
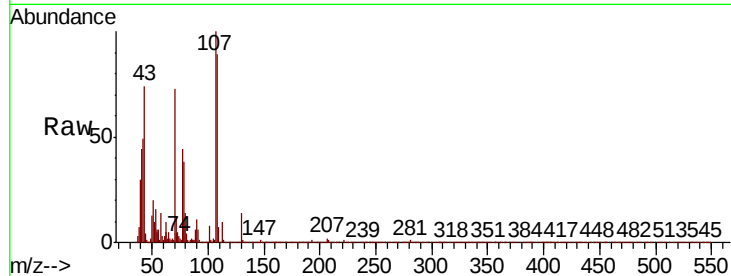




#19
n-Nitroso-di-n-propylamine
Concen: 44.217 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

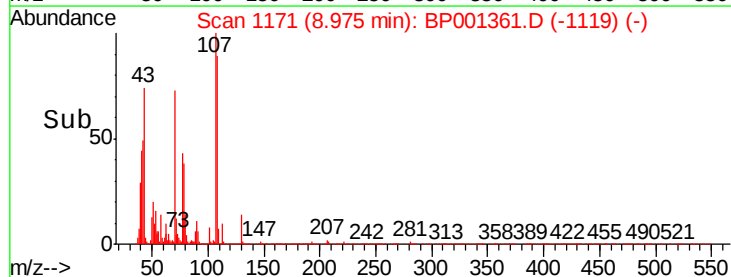
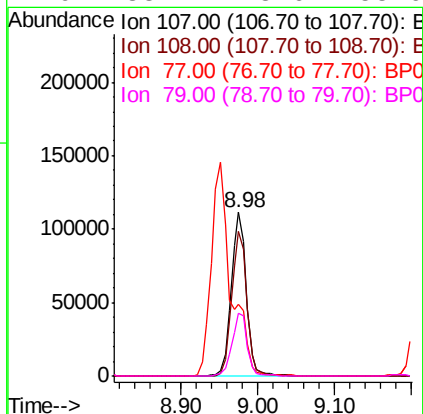
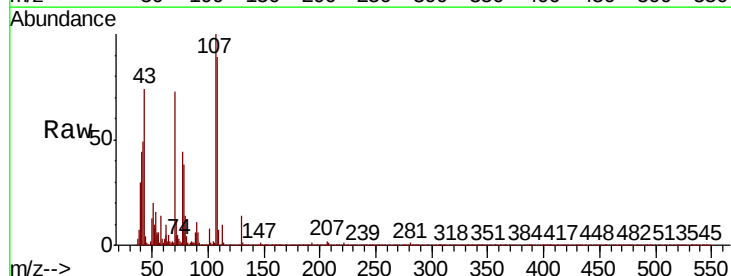
Instrument :
BNA_P
ClientSampleId :

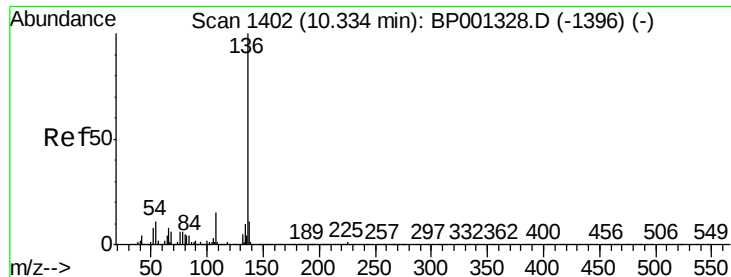
Tot Ion:	70	Resp:	116495
Ion	Ratio	Lower	Upper
70	100		
42	66.1	54.1	81.1
101	10.3	7.0	10.4
130	18.6	13.0	19.6



#20
3+4-Methylphenols
Concen: 45.072 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:	107	Resp:	151123
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.2	107.2
77	43.6	28.0	68.0
79	38.2	18.6	58.6

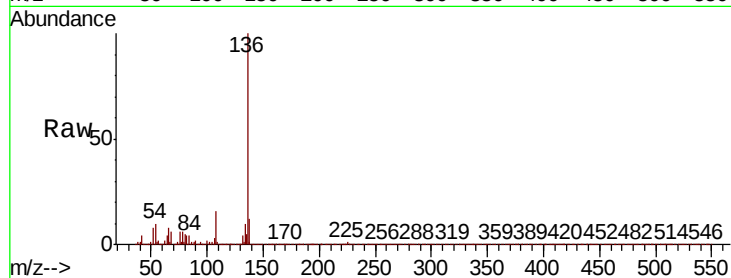




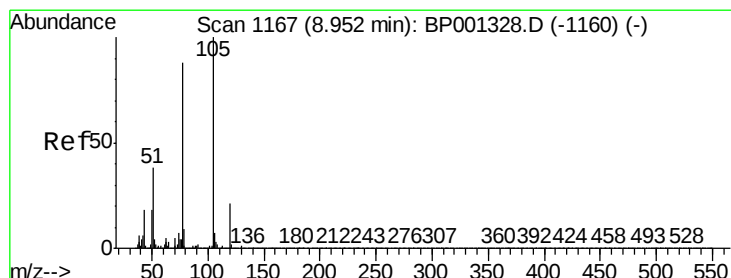
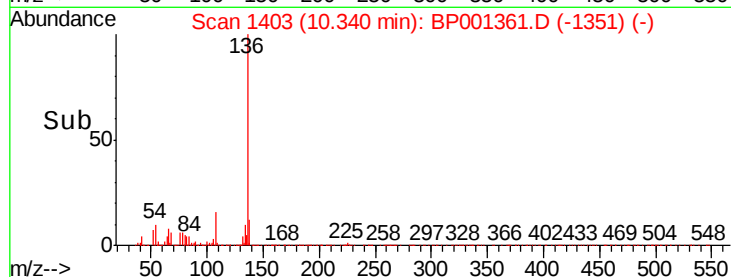
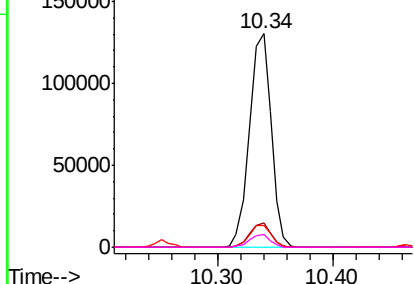
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	171304
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.8	13.2
54 10.4	8.8	13.2
68 6.0	4.6	6.8

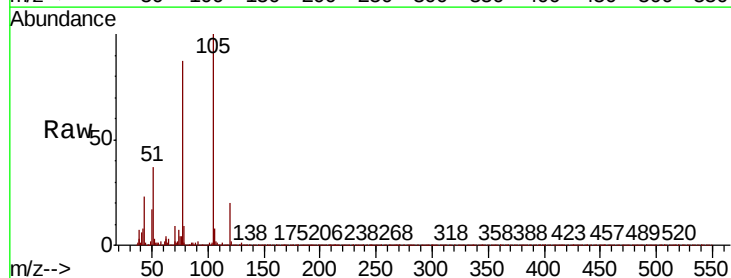


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BP0
100000 Ion 68.00 (67.70 to 68.70): BP0
50000
0

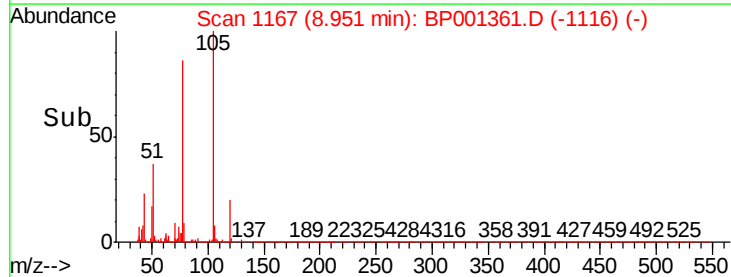
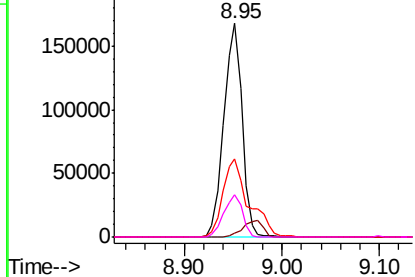


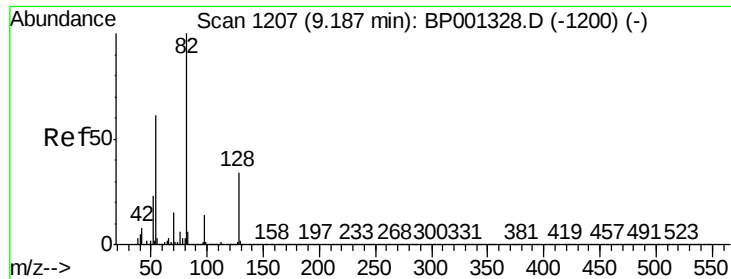
#22
Acetophenone
Concen: 40.277 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt	Ion:105	Resp:	218182
Ion	Ratio	Lower	Upper
105	100		
71	1.6	0.8	1.2#
51	36.7	30.6	45.8
120	19.7	16.5	24.7



Abundance Ion 105.00 (104.70 to 105.70): E
250000 Ion 71.00 (70.70 to 71.70): BP0
200000 Ion 51.00 (50.70 to 51.70): BP0
150000 Ion 120.00 (119.70 to 120.70): E
100000
50000
0

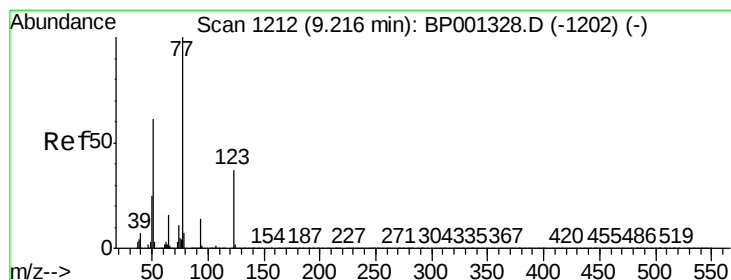
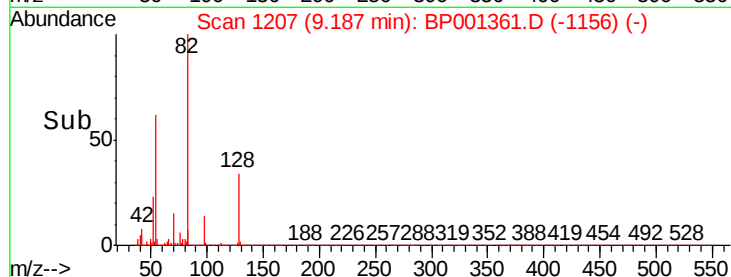
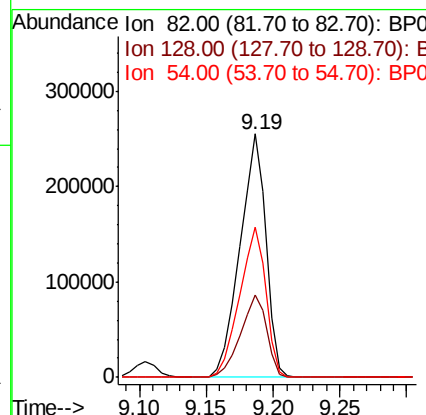
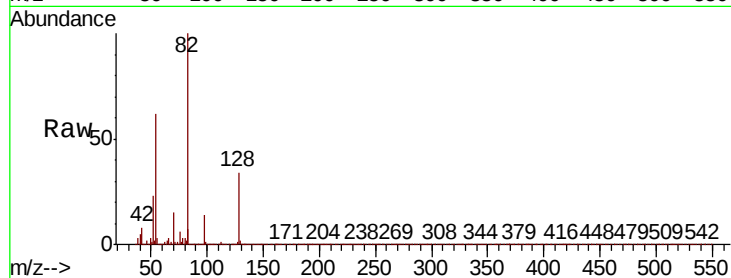




#23
 Nitrobenzene-d5
 Concen: 77.290 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

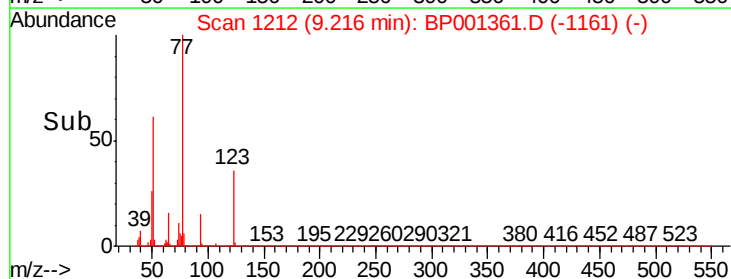
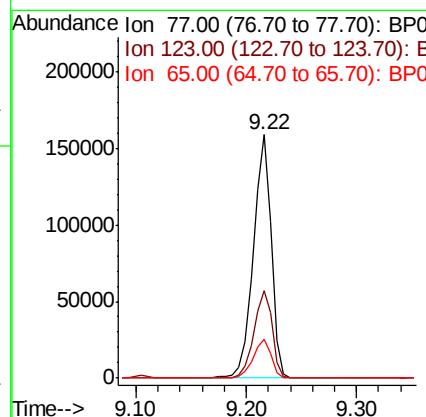
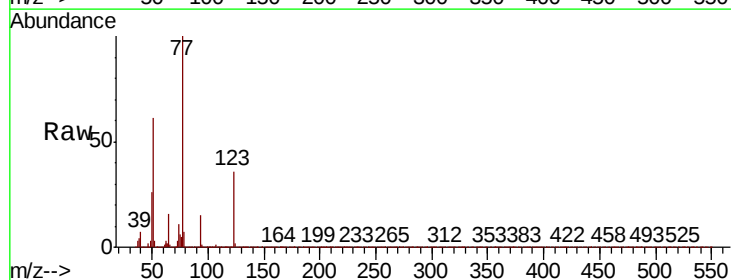
Instrument :
 BNA_P
 ClientSampleId :

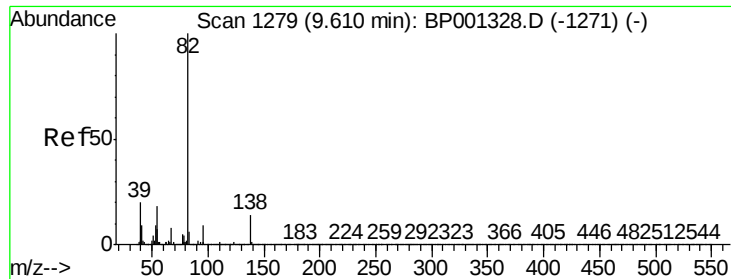
Tot Ion	82	Resp	344784
Ion Ratio	Lower	Upper	
82	100		
128	33.7	27.0	40.4
54	61.8	49.0	73.4



#24
 Nitrobenzene
 Concen: 41.293 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

Tgt Ion	77	Resp	181300
Ion Ratio	Lower	Upper	
77	100		
123	36.2	29.4	44.0
65	15.7	12.4	18.6





#25

Isophorone

Concen: 42.922 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

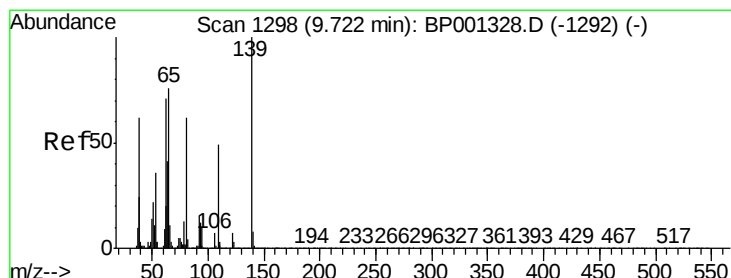
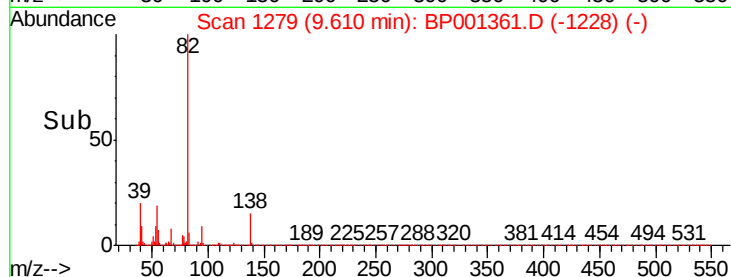
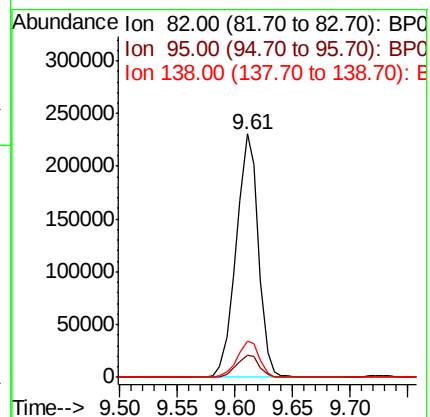
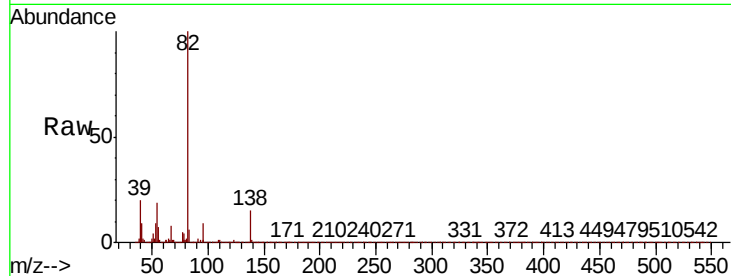
Tot Ion: 82 Resp: 307873

Ion Ratio Lower Upper

82 100

95 9.3 7.3 10.9

138 14.6 11.5 17.3



#26

2-Nitrophenol

Concen: 44.269 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

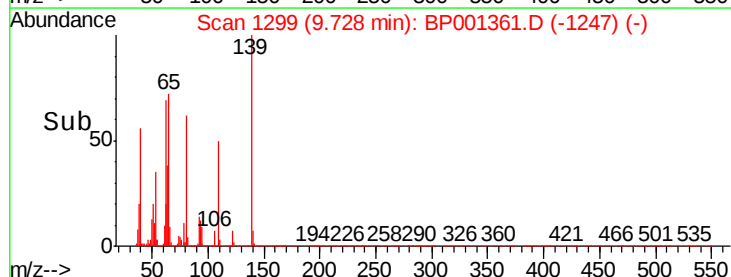
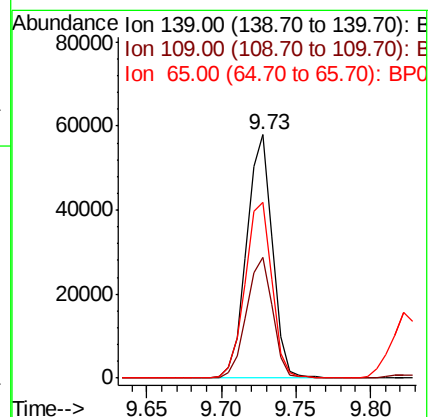
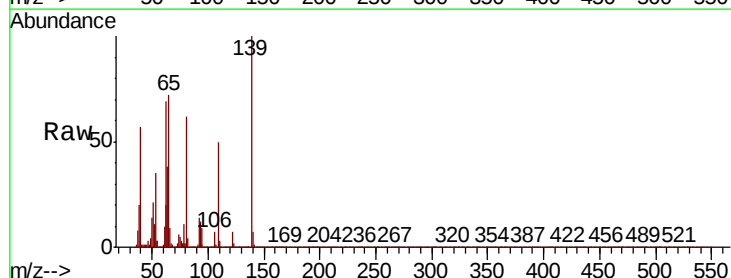
Tgt Ion: 139 Resp: 69308

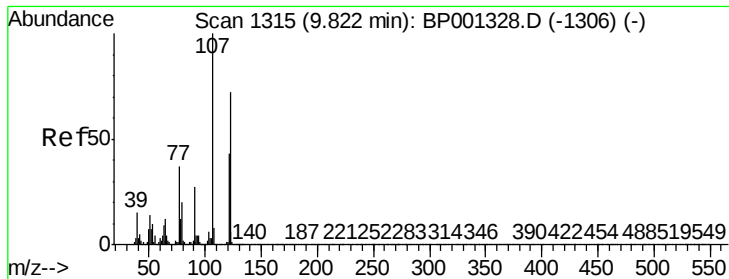
Ion Ratio Lower Upper

139 100

109 49.7 39.1 58.7

65 72.0 61.2 91.8

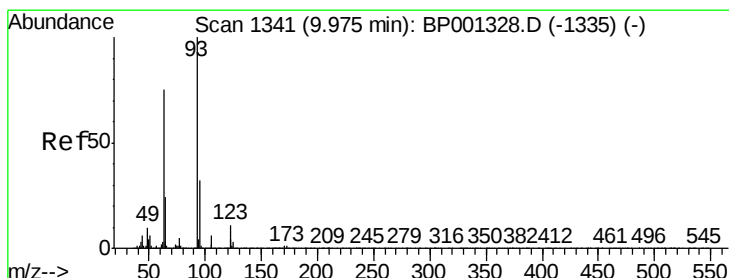
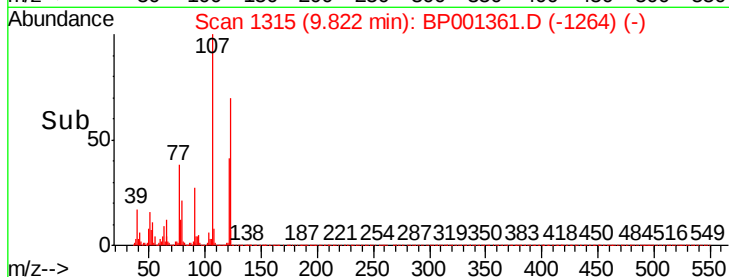
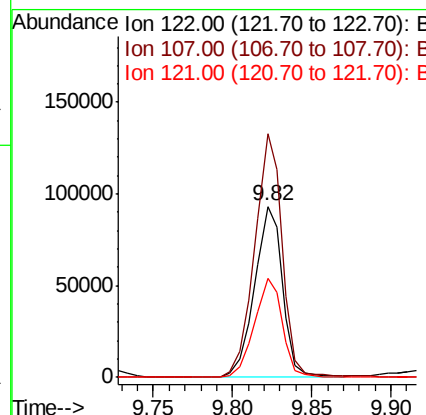
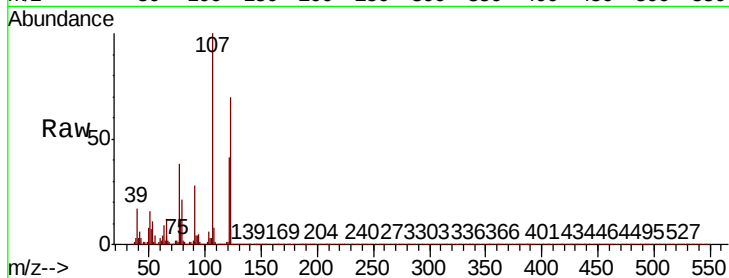




#27
2,4-Dimethylphenol
Concen: 49.571 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

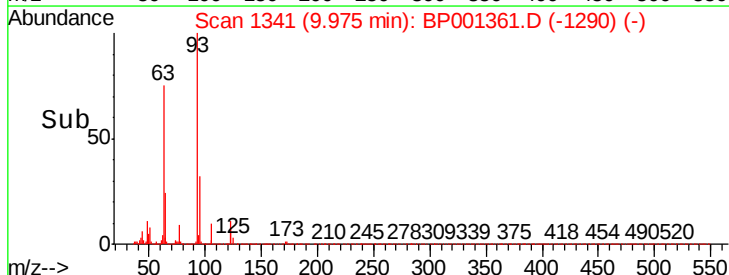
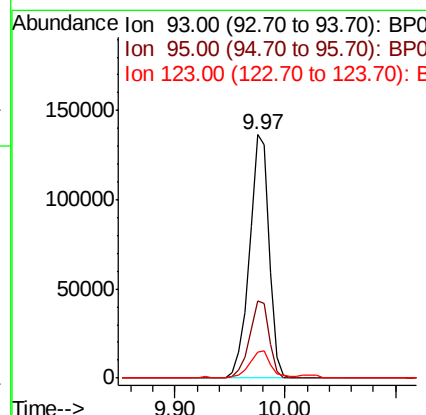
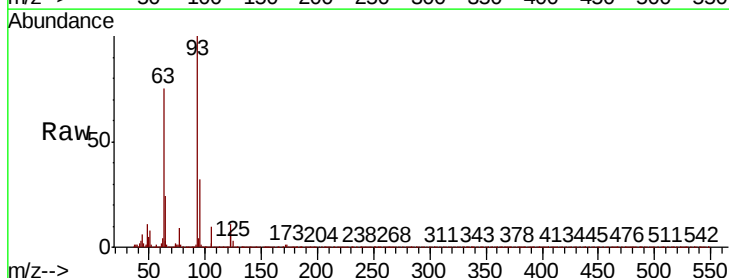
Instrument :
BNA_P
ClientSampleId :

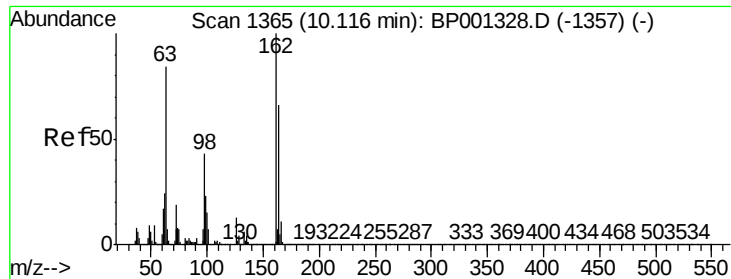
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.6	111.9	167.9
121	58.1	47.9	71.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.733 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.4	38.0
123	10.6	8.8	13.2

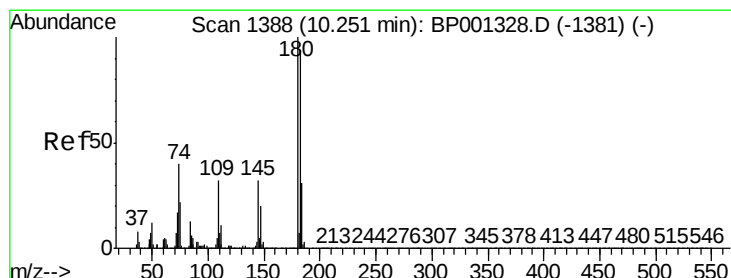
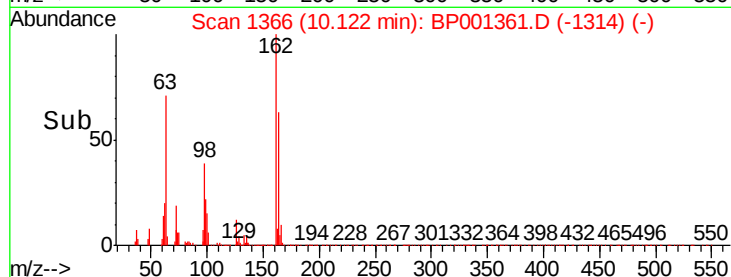
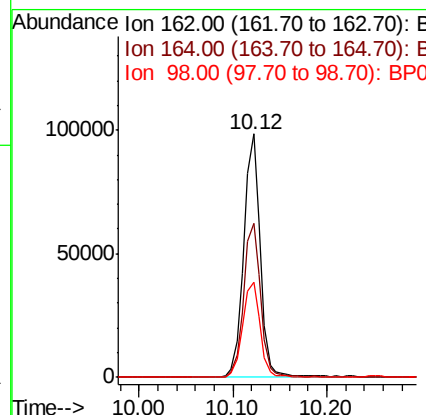
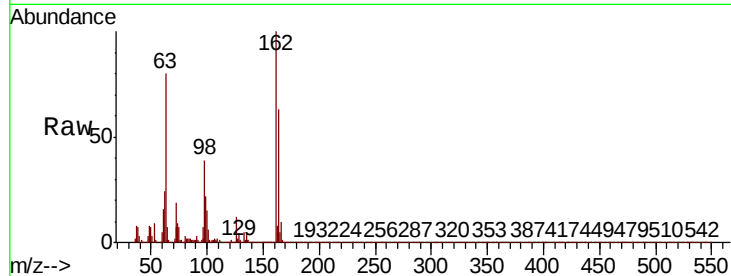




#29
 2,4-Dichlorophenol
 Concen: 42.193 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

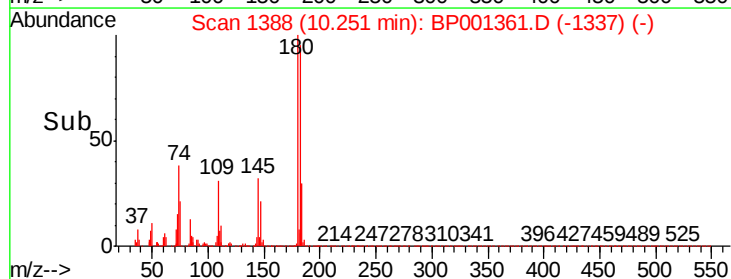
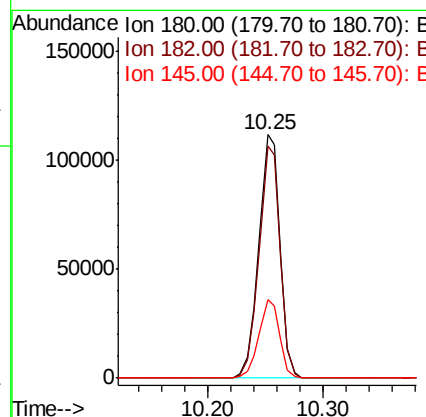
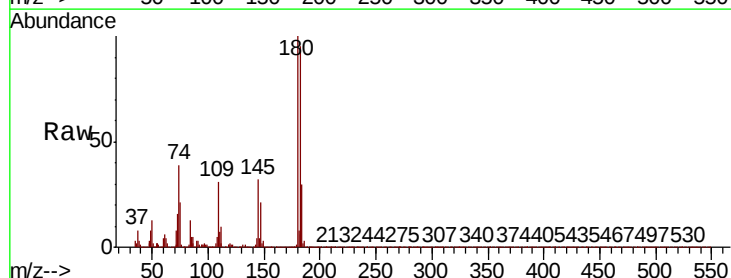
Instrument :
 BNA_P
 ClientSampled :

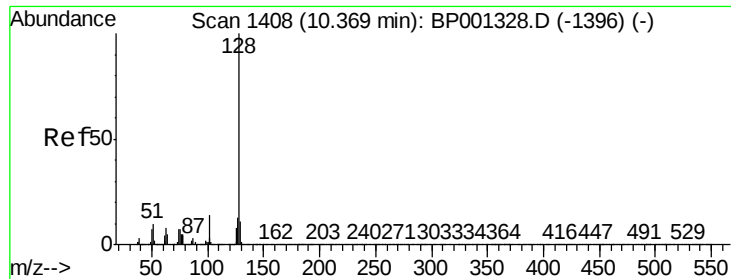
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	45.9	85.9
98	39.0	23.2	63.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.731 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	32.2	25.8	38.8

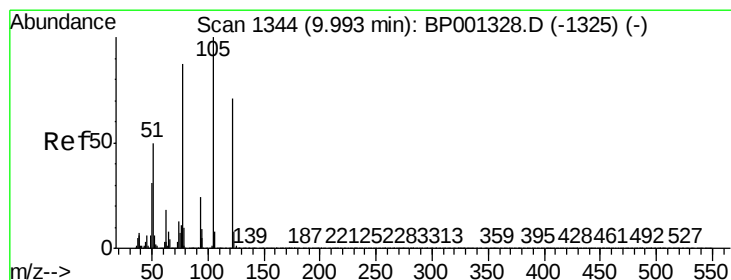
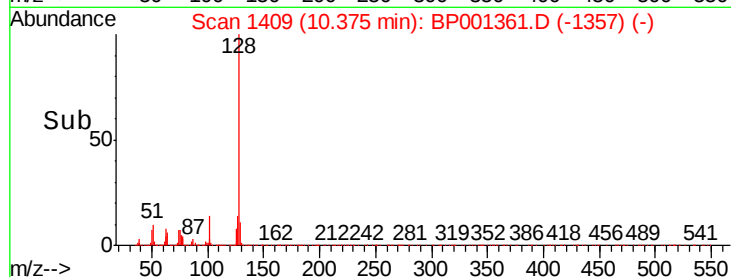
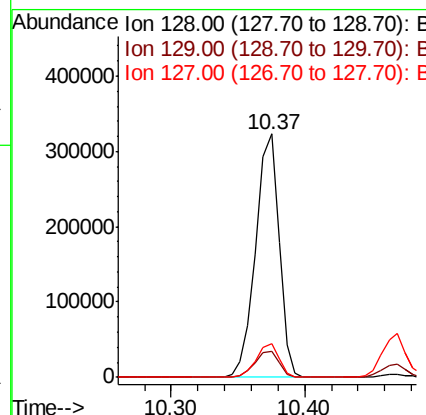
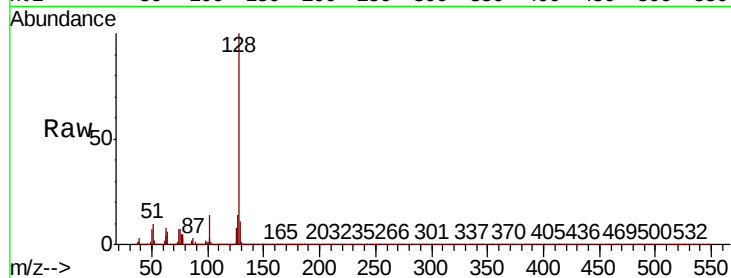




#31
Naphthalene
Concen: 41.800 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

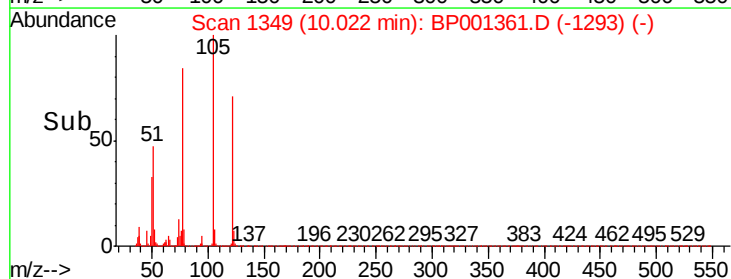
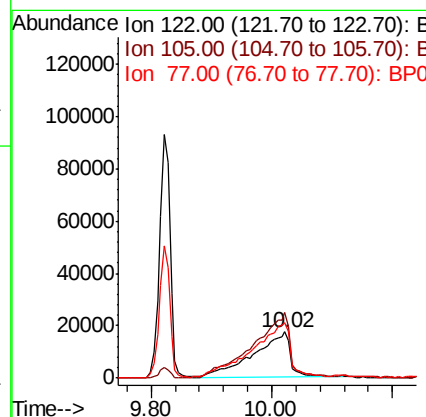
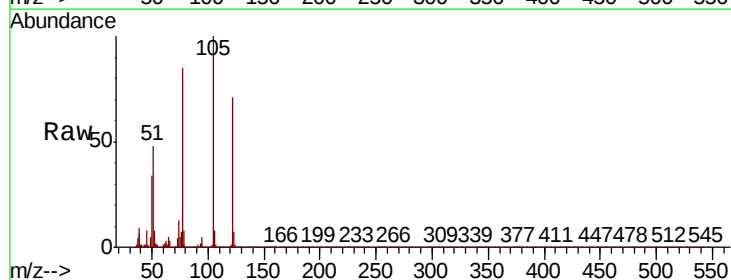
Instrument :
BNA_P
ClientSampleId :

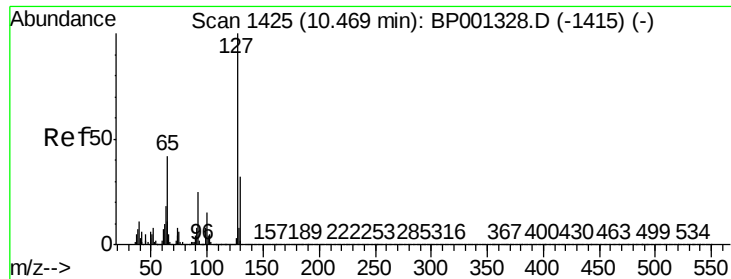
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.9	10.7	16.1



#32
Benzoic acid
Concen: 40.990 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.03 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.0	118.5	158.5
77	119.3	101.3	141.3

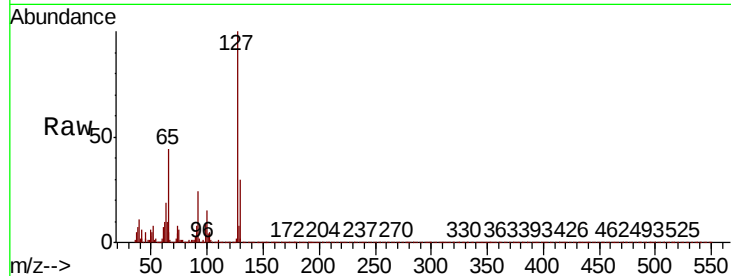




#33
4-Chloroaniline
Concen: 19.932 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	76223
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.2	37.8
65	43.6	33.6	50.4
92	24.4	19.8	29.6



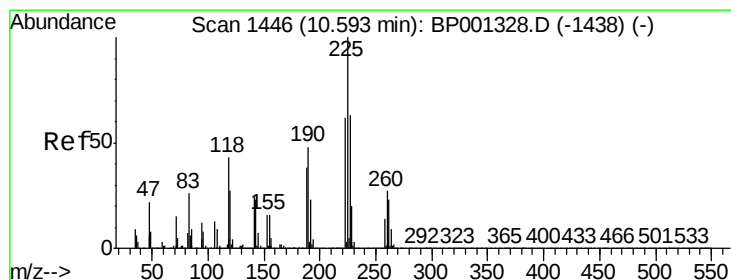
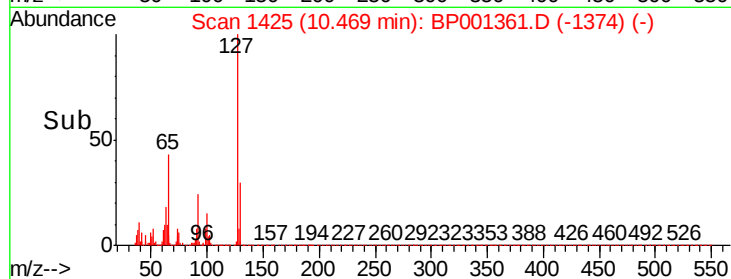
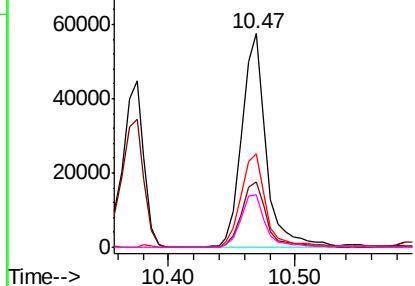
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

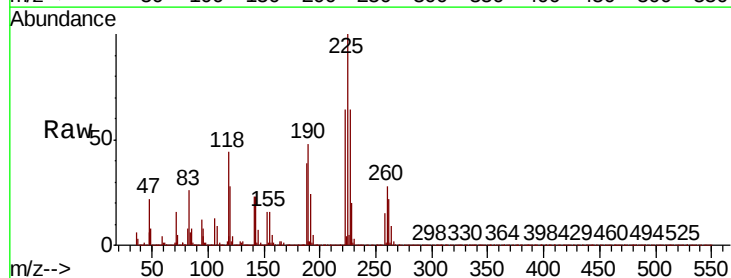
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 38.761 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:	225	Resp:	94814
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.2	73.8
227	64.3	50.3	75.5

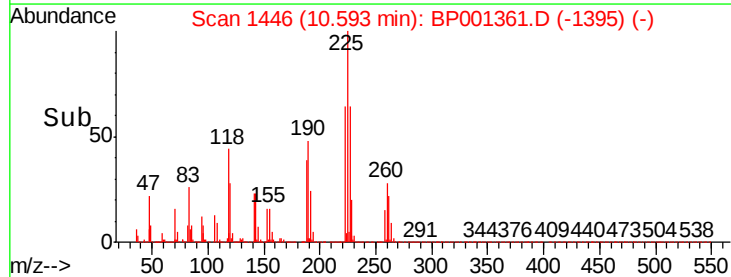
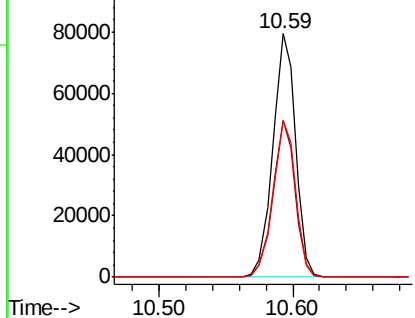


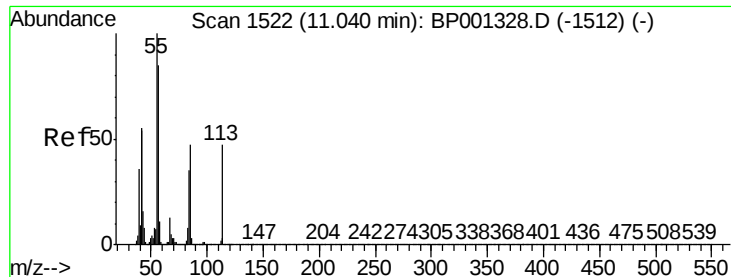
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

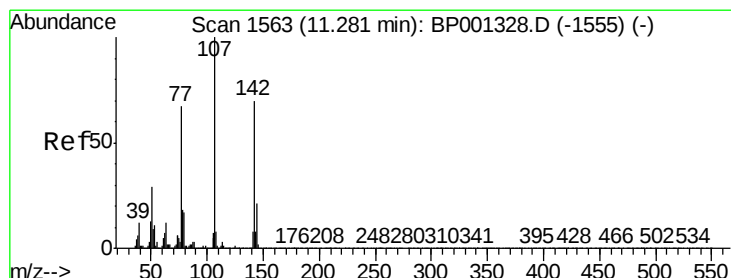
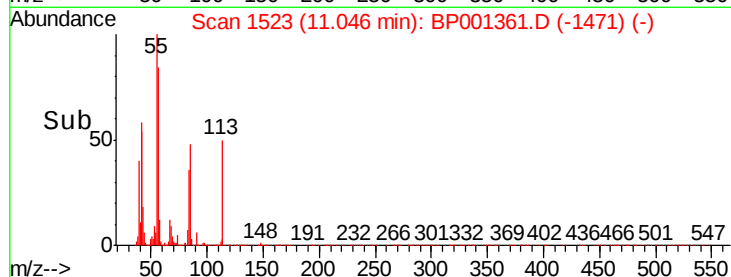
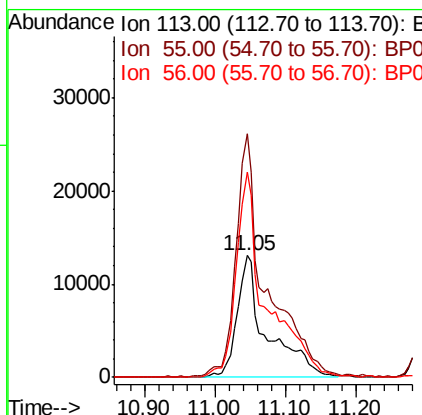
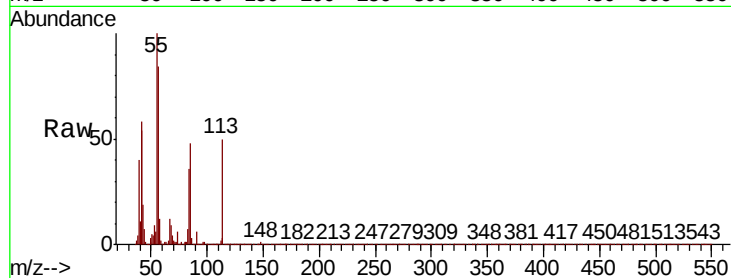




#35
Caprolactam
Concen: 44.927 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

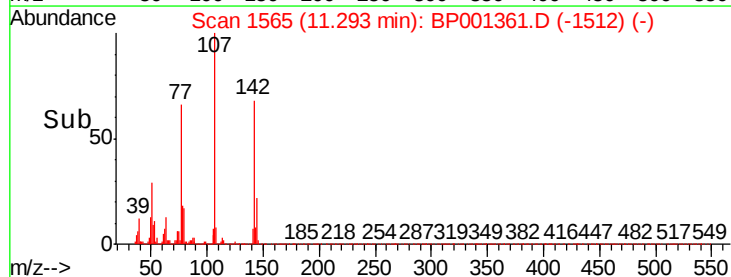
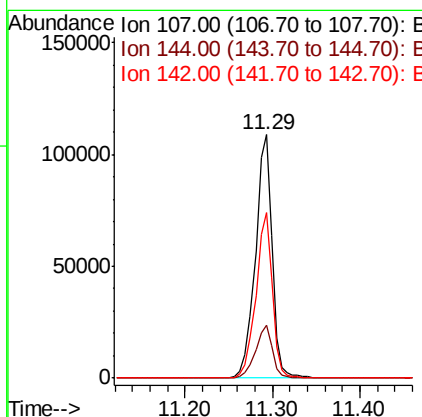
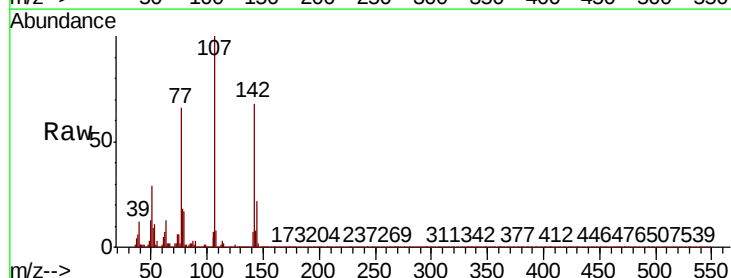
Instrument :
BNA_P
ClientSampleId :

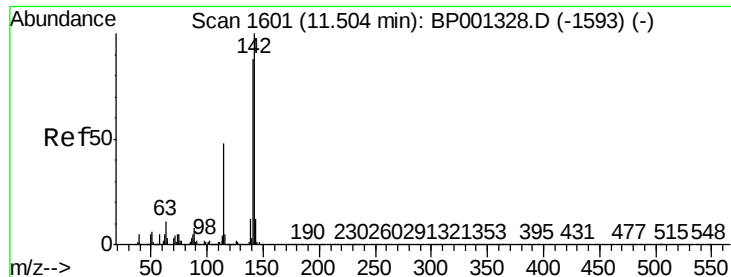
Tot Ion:113 Resp: 38116
Ion Ratio Lower Upper
113 100
55 199.8 191.5 231.5
56 168.0 160.5 200.5



#36
4-Chloro-3-methylphenol
Concen: 42.460 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:107 Resp: 141472
Ion Ratio Lower Upper
107 100
144 21.6 16.9 25.3
142 68.1 55.9 83.9

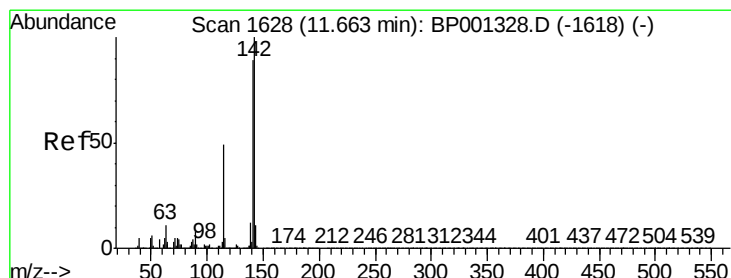
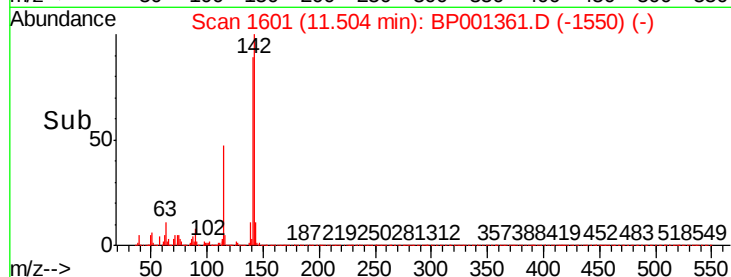
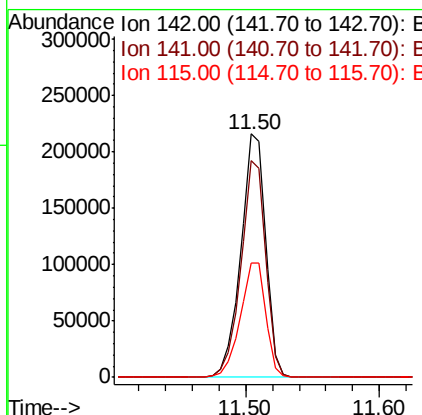
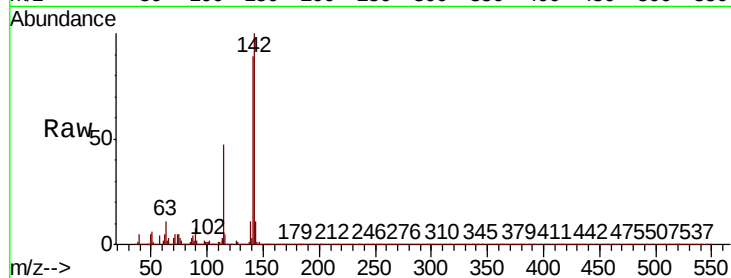




#37
2-Methylnaphthalene
Concen: 42.904 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

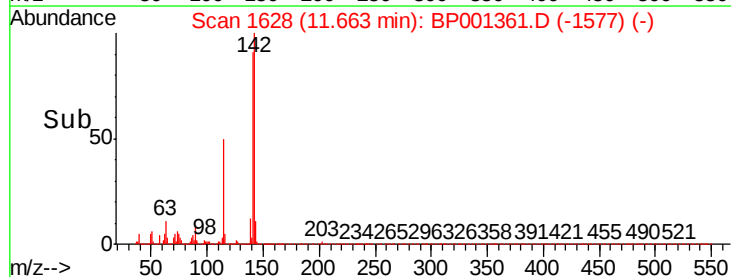
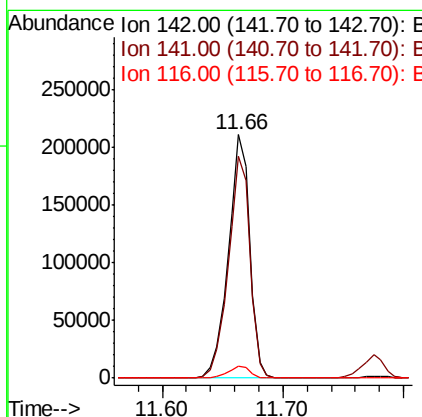
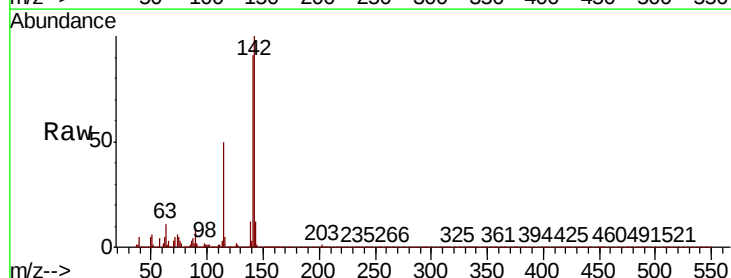
Instrument :
BNA_P
ClientSampleId :

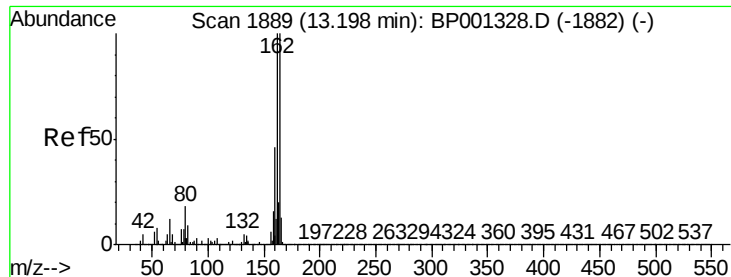
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.4
115	47.0	38.7	58.1



#38
1-Methylnaphthalene
Concen: 42.523 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
116	5.1	4.2	6.2

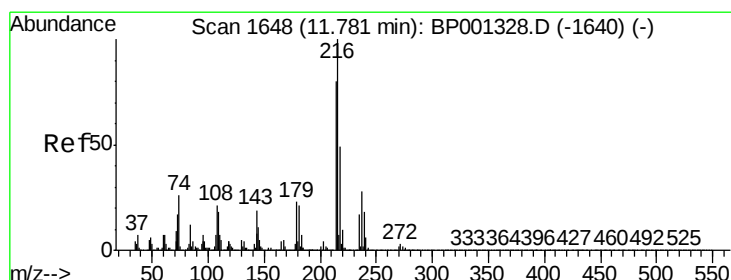
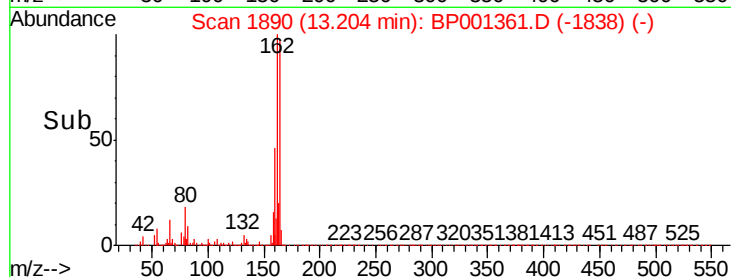
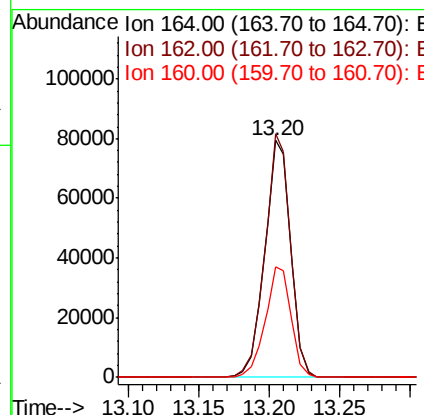
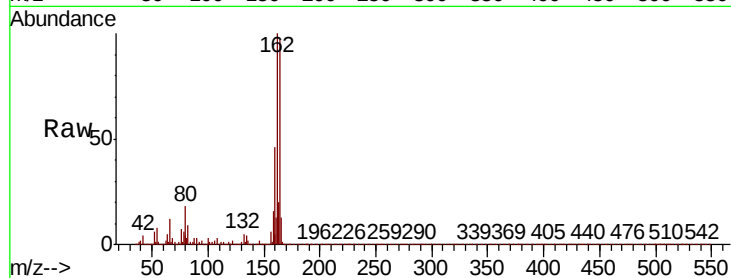




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

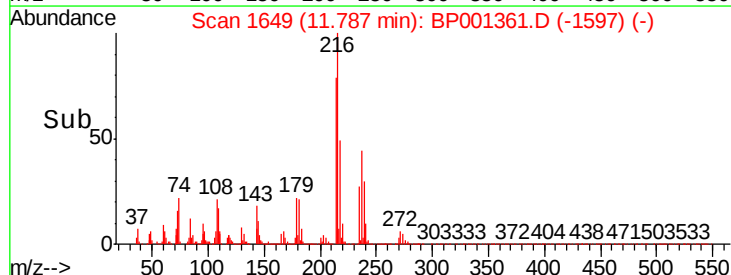
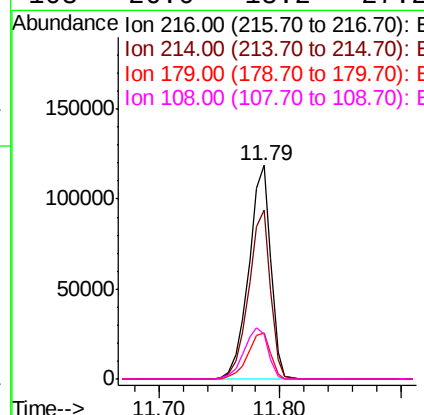
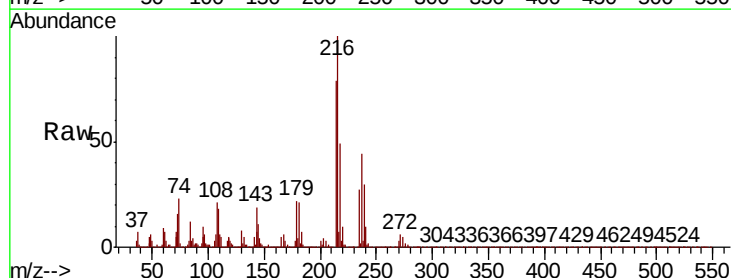
Instrument :
BNA_P
ClientSampleId :

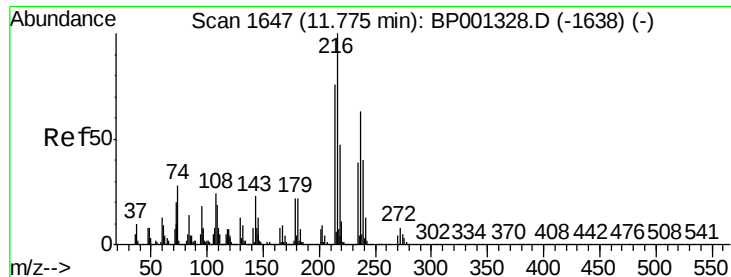
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.3	120.5
160	46.8	36.6	54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.960 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	94.0
179	22.5	18.1	27.1
108	26.0	18.2	27.2

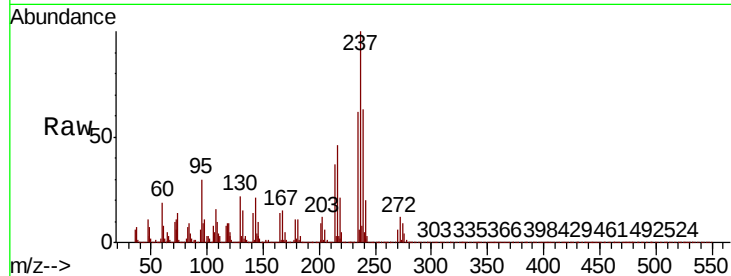




#41
Hexachlorocyclopentadiene
Concen: 93.282 ng
RT: 11.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.9	81.9
272	11.9	0.0	32.0

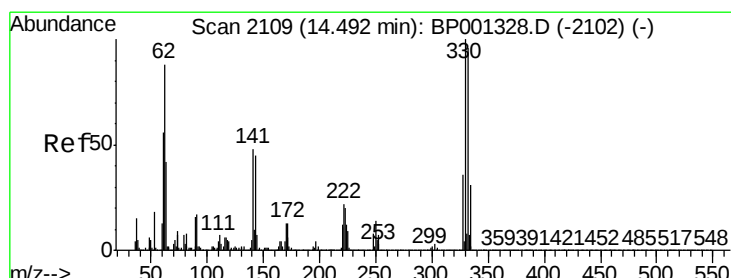
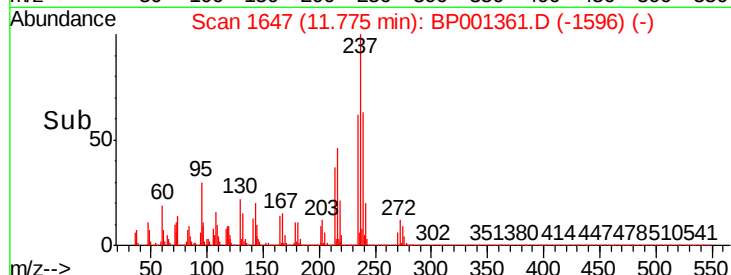
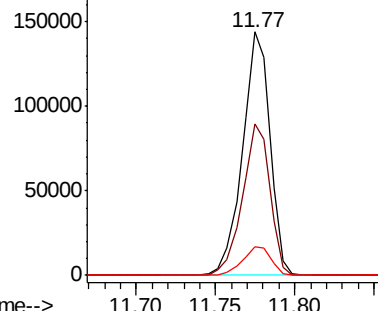


Abundance

Ion 236.80 (236.50 to 237.50): E

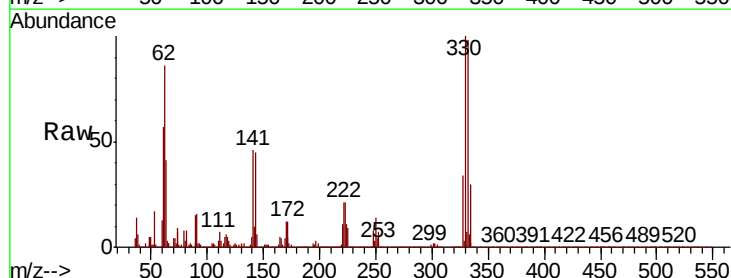
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 118.244 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.7	118.1
141	44.8	36.2	54.4

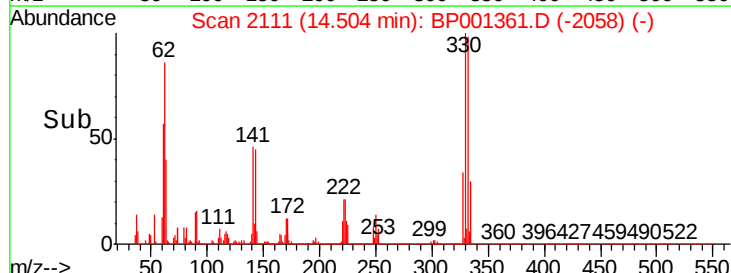
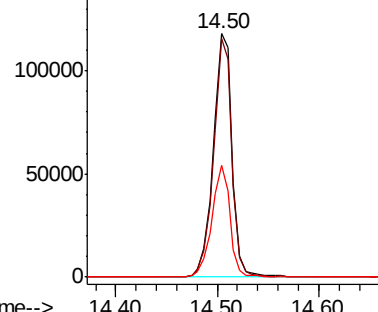


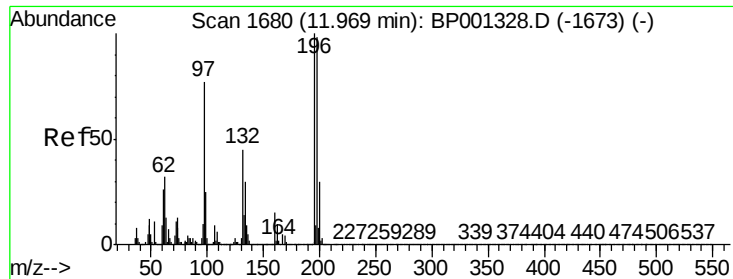
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

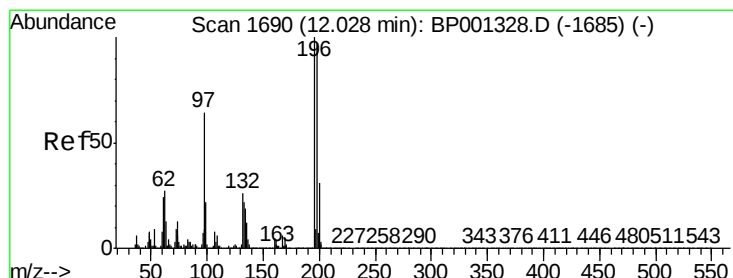
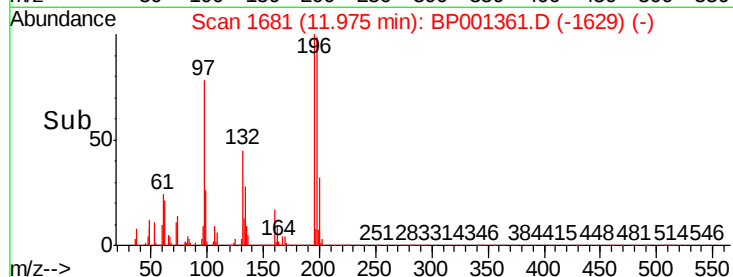
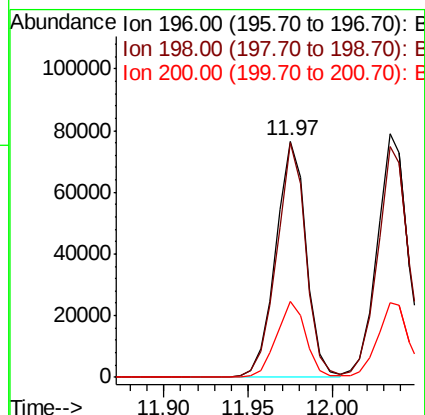
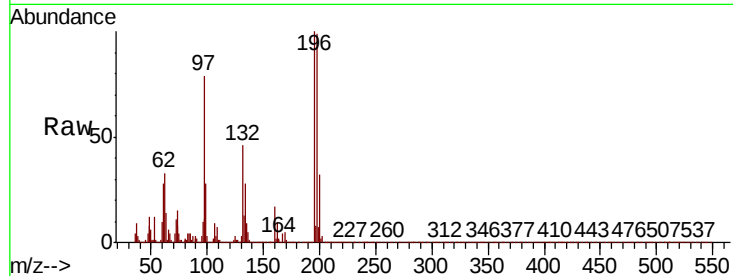




#43
2,4,6-Trichlorophenol
Concen: 41.300 ng
RT: 11.97 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

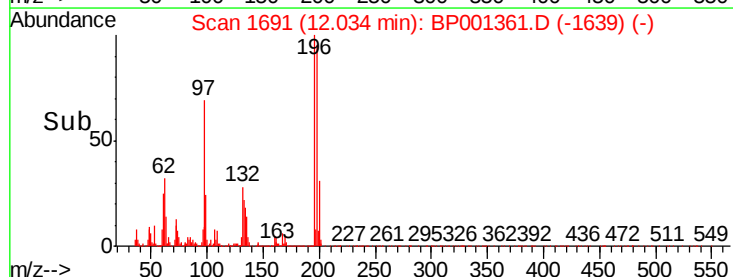
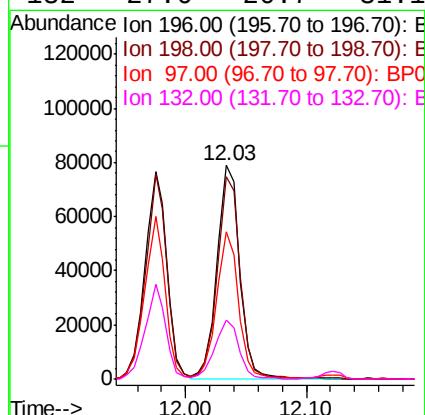
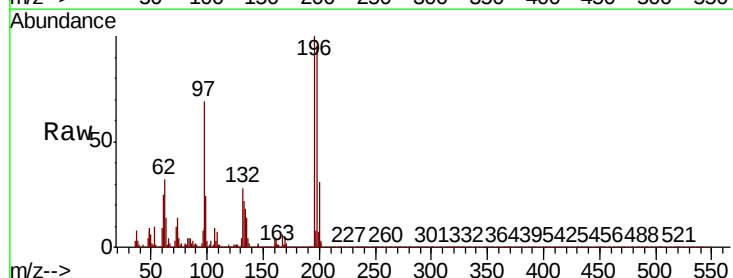
Instrument :
BNA_P
ClientSampleId :

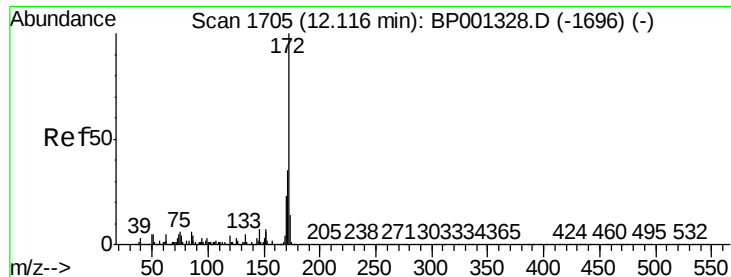
Tot Ion:196 Resp: 95822
Ion Ratio Lower Upper
196 100
198 99.2 78.6 118.0
200 32.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 42.509 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:196 Resp: 101335
Ion Ratio Lower Upper
196 100
198 94.6 77.7 116.5
97 69.2 50.7 76.1
132 27.6 20.7 31.1

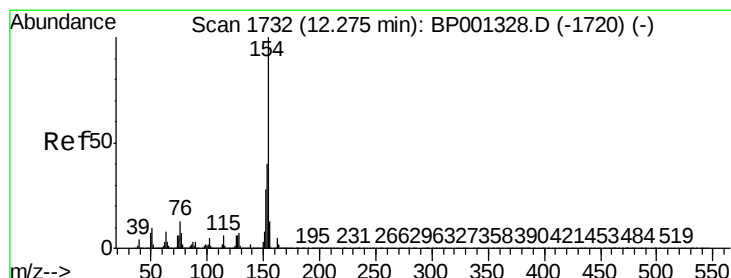
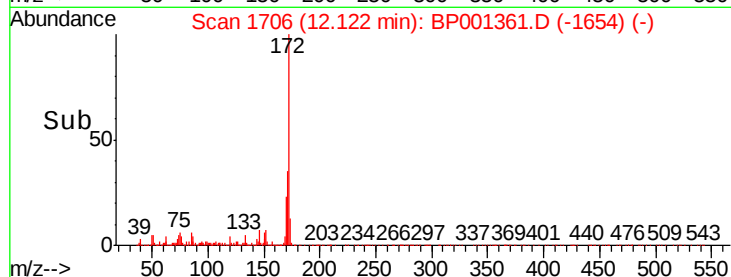
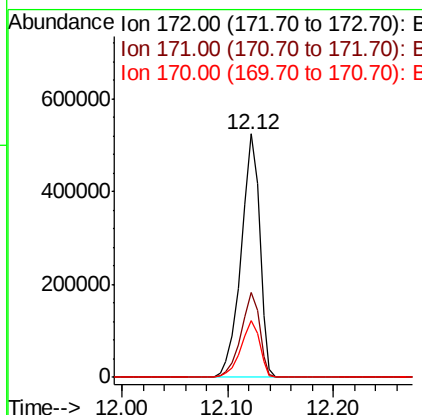
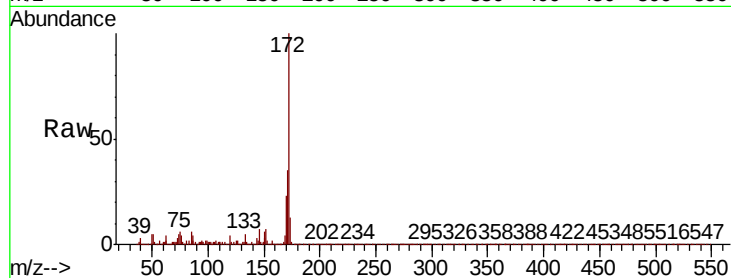




#45
2-Fluorobiphenyl
Concen: 78.521 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

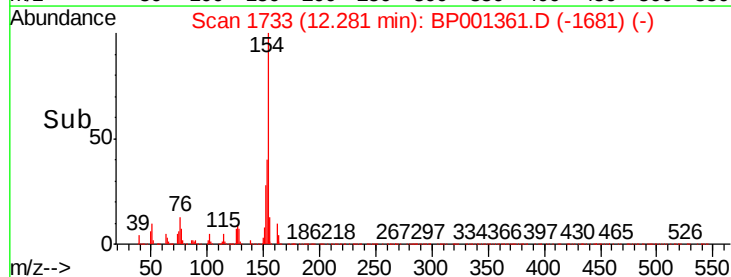
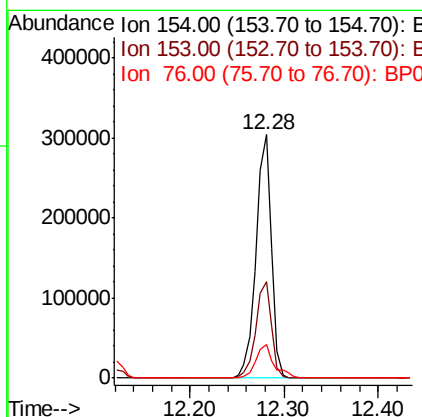
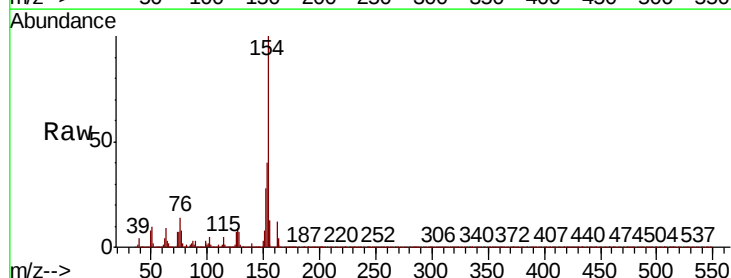
Instrument :
BNA_P
ClientSampleId :

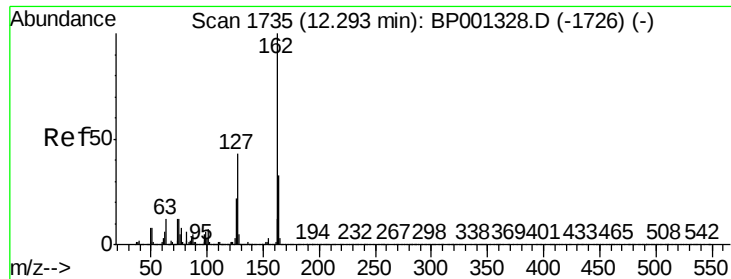
Tot Ion:172 Resp: 633591
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.259 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:154 Resp: 343747
Ion Ratio Lower Upper
154 100
153 39.8 20.2 60.2
76 13.7 0.0 33.1

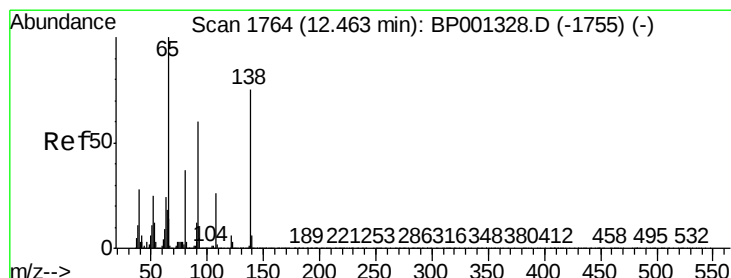
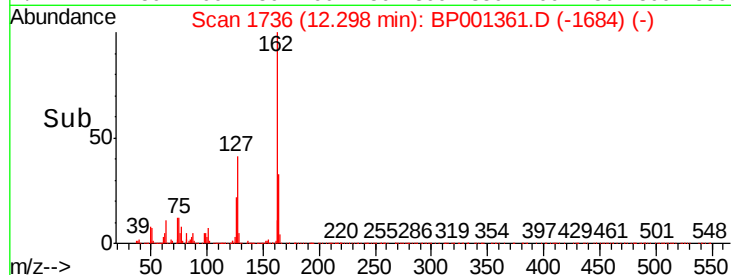
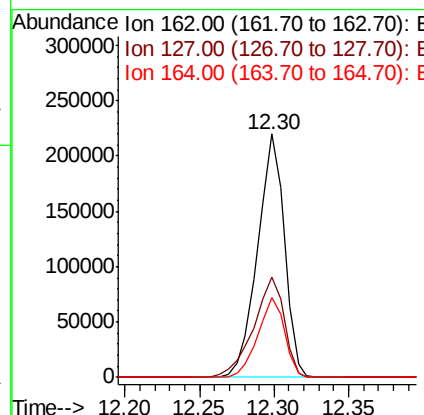
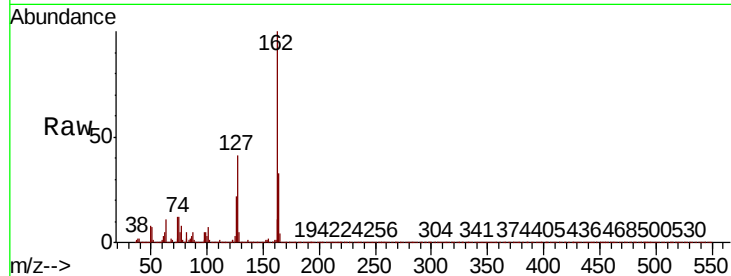




#47
2-Chloronaphthalene
Concen: 39.462 ng
RT: 12.30 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

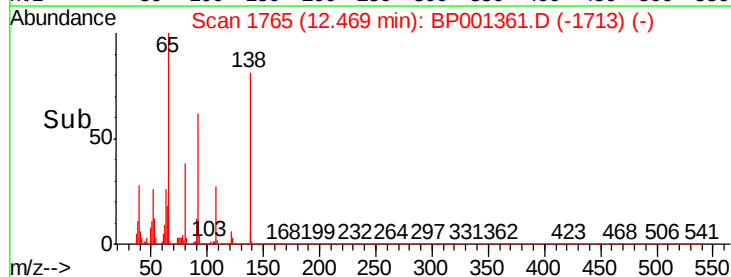
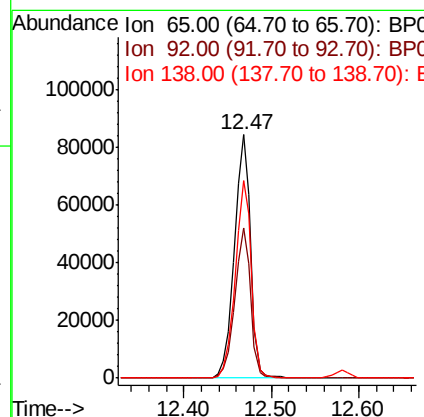
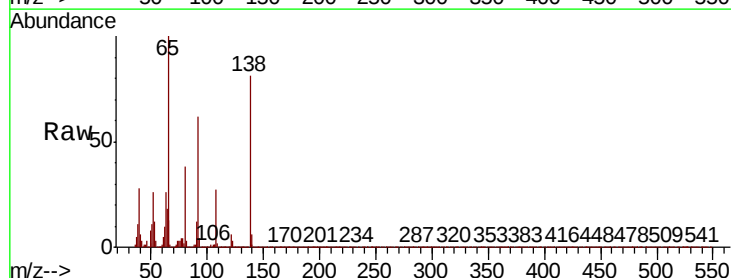
Instrument :
BNA_P
ClientSampled :

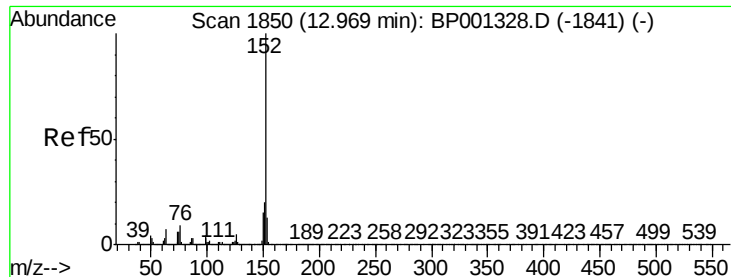
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.2	51.4
164	32.7	26.4	39.6



#48
2-Nitroaniline
Concen: 38.645 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	48.3	72.5
138	81.2	60.2	90.4





#49

Acenaphthylene

Concen: 42.127 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

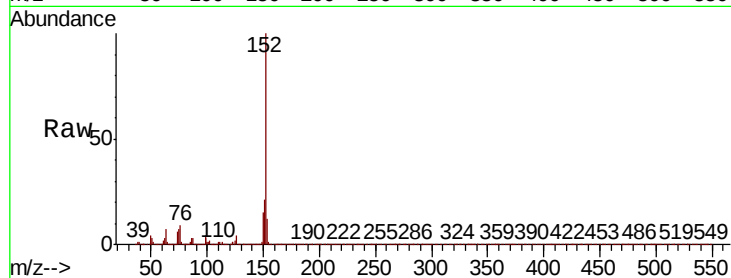
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 425075

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	12.2	10.4	15.6

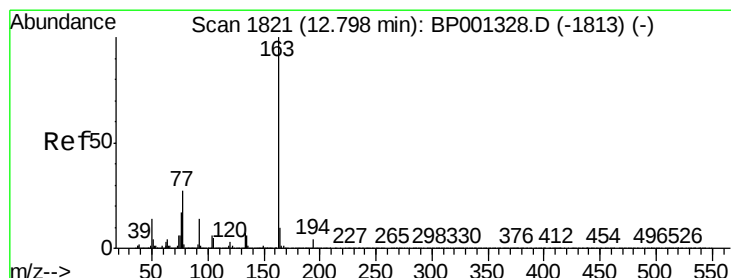
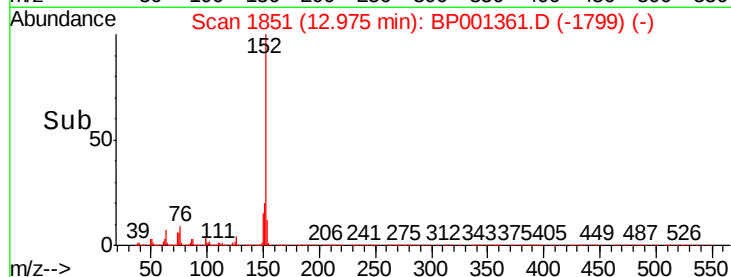
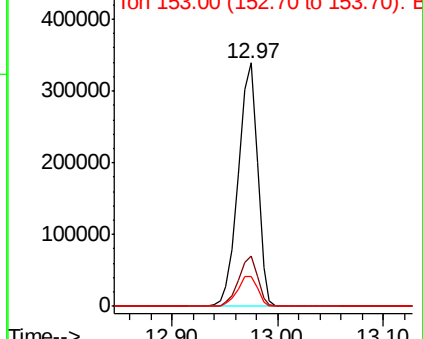


Abundance

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: 40.153 ng

RT: 12.80 min Scan# 1822

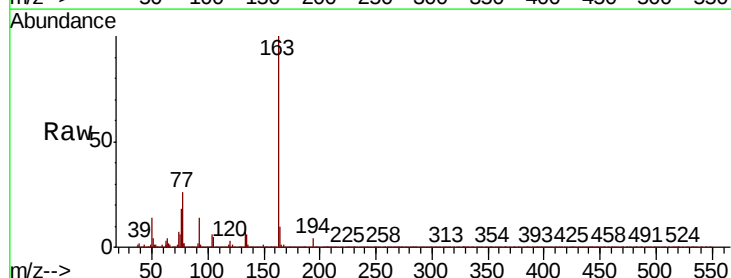
Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Tgt Ion:163 Resp: 336103

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	7.9	11.9

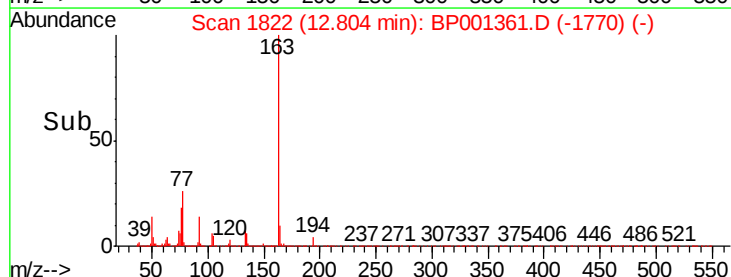
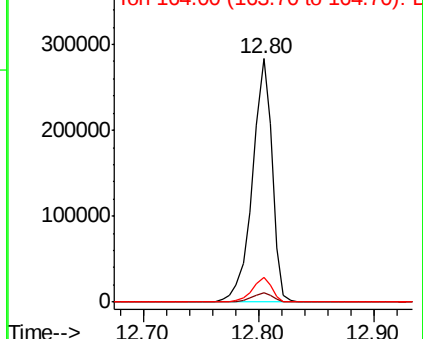


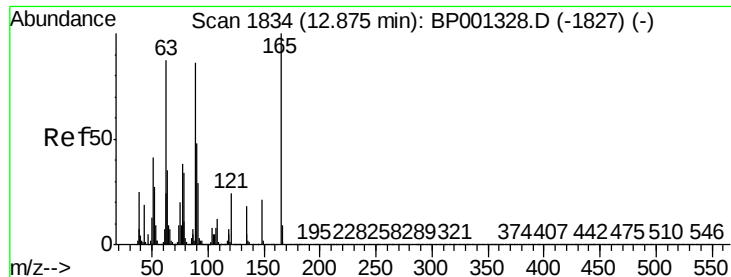
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

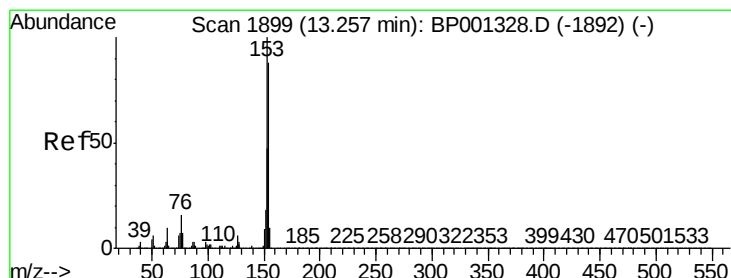
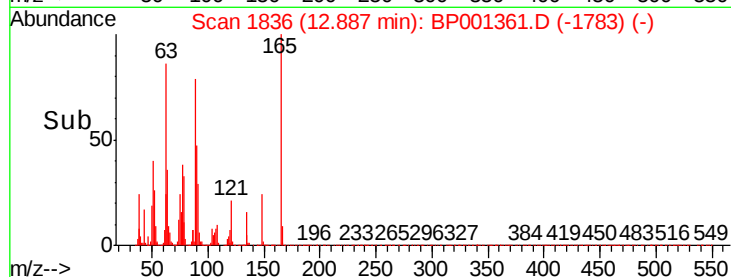
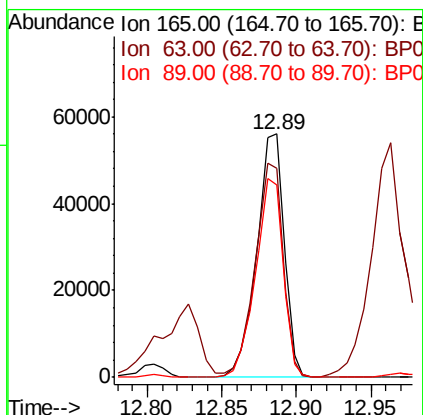
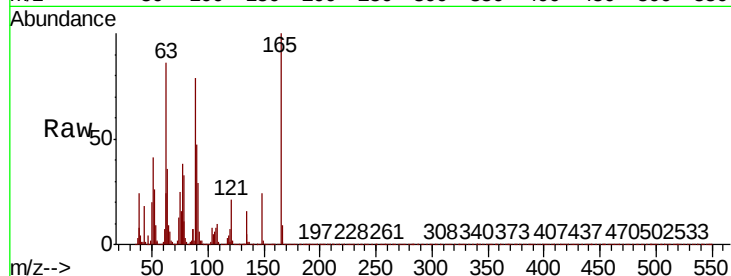




#51
2,6-Dinitrotoluene
Concen: 41.776 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

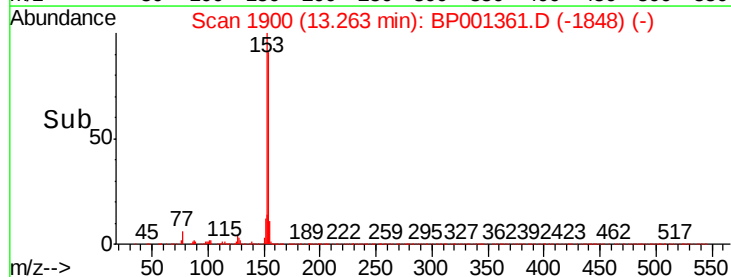
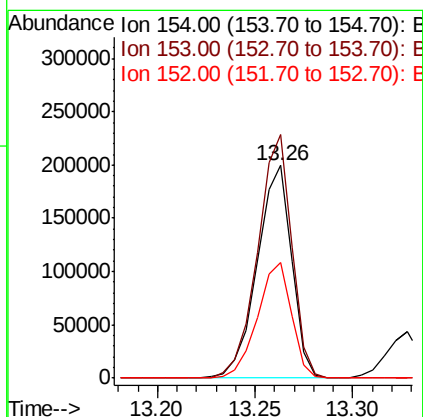
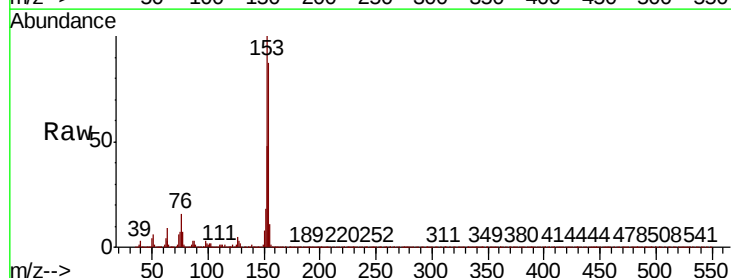
Instrument :
BNA_P
ClientSampleId :

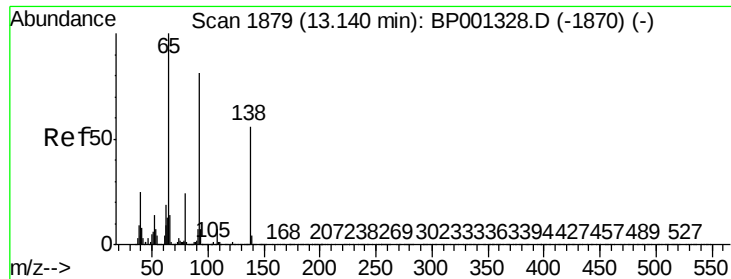
Tot Ion:165 Resp: 71006
Ion Ratio Lower Upper
165 100
63 85.8 71.3 106.9
89 79.3 68.5 102.7



#52
Acenaphthene
Concen: 40.084 ng
RT: 13.26 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:154 Resp: 243691
Ion Ratio Lower Upper
154 100
153 114.6 90.6 135.8
152 54.7 42.4 63.6

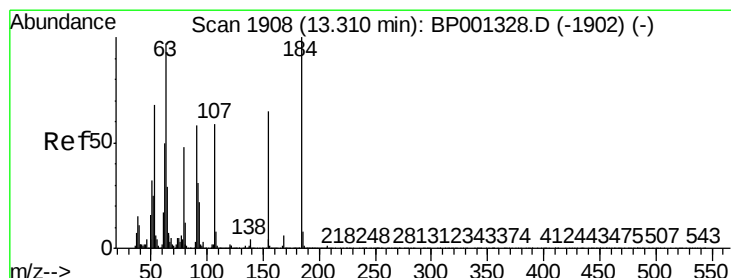
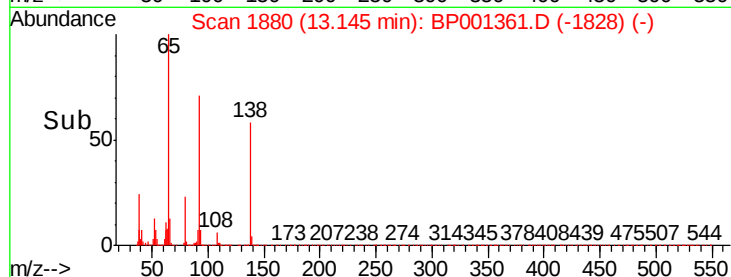
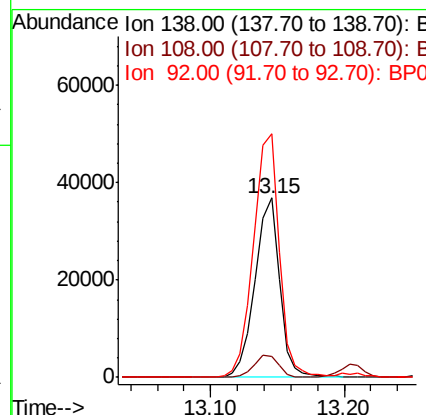
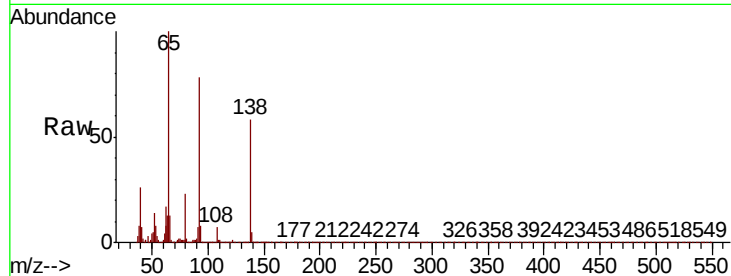




#53
 3-Nitroaniline
 Concen: 25.721 ng
 RT: 13.15 min Scan# 1880
 Delta R.T. 0.01 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

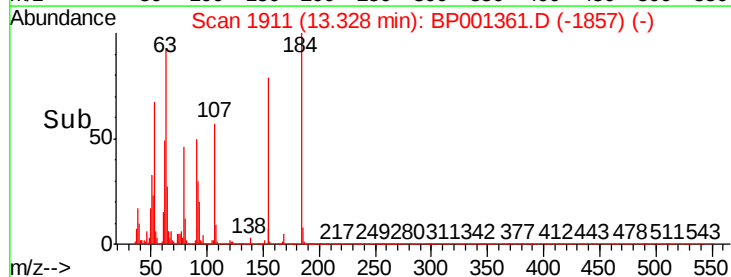
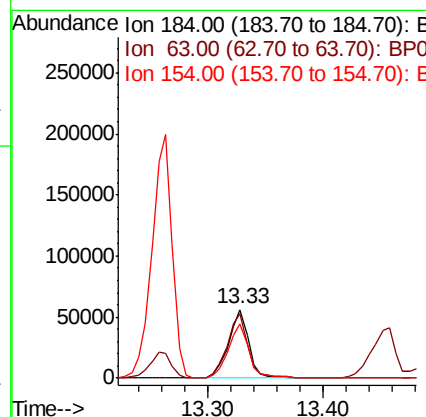
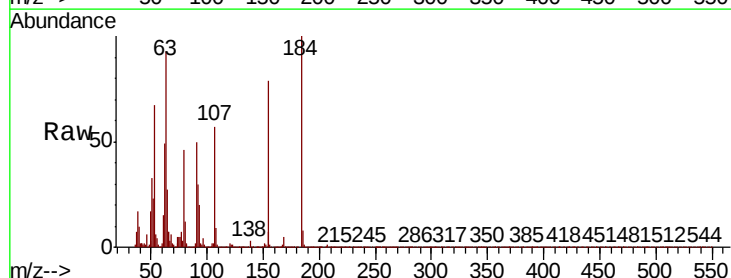
Instrument :
 BNA_P
 ClientSampleId :

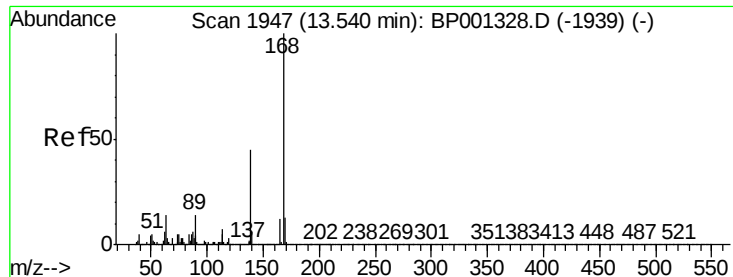
Tot Ion:138 Resp: 46922
 Ion Ratio Lower Upper
 138 100
 108 11.5 10.1 15.1
 92 135.6 114.6 172.0



#54
 2,4-Dinitrophenol
 Concen: 104.405 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. 0.02 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

Tgt Ion:184 Resp: 68522
 Ion Ratio Lower Upper
 184 100
 63 93.4 78.6 117.8
 154 78.7 62.2 93.2





#55

Dibenzofuran

Concen: 40.746 ng

RT: 13.55 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

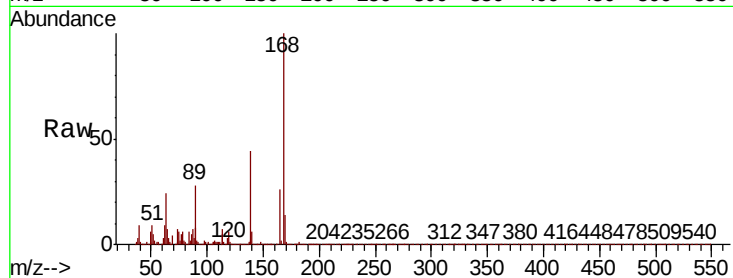
Tot Ion:168 Resp: 388121

Ion Ratio Lower Upper

168 100

139 43.7 35.8 53.8

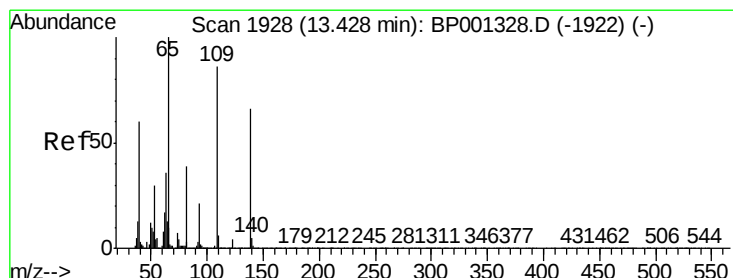
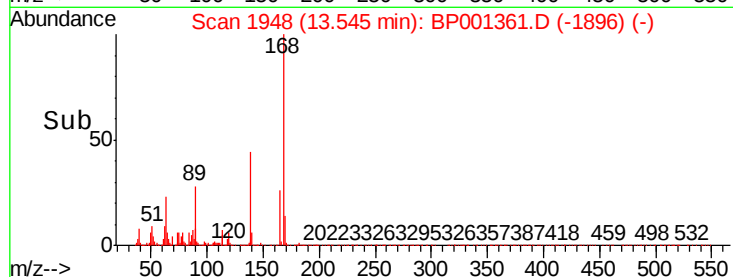
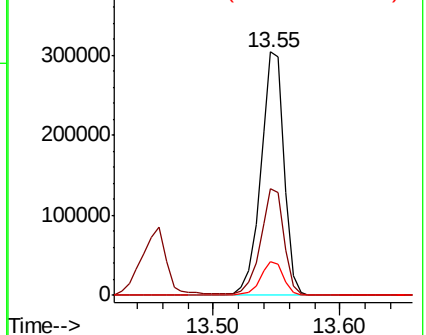
169 13.9 10.5 15.7



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: 90.359 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.03 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

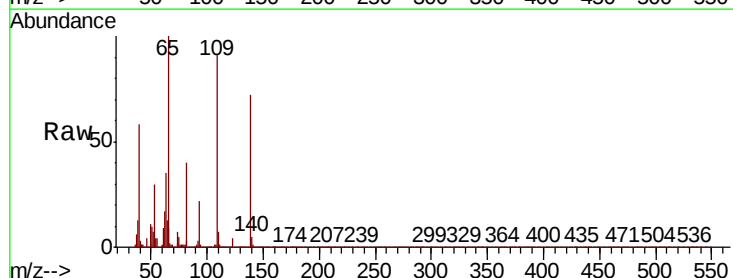
Tgt Ion:139 Resp: 117872

Ion Ratio Lower Upper

139 100

109 126.7 110.1 150.1

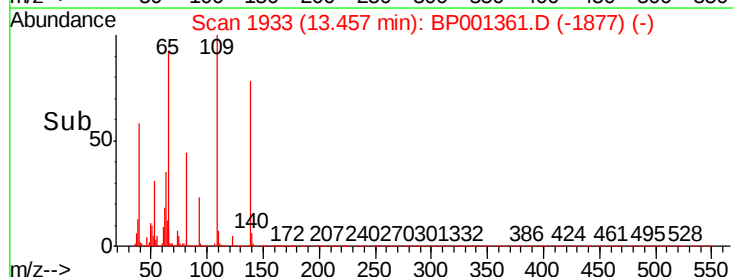
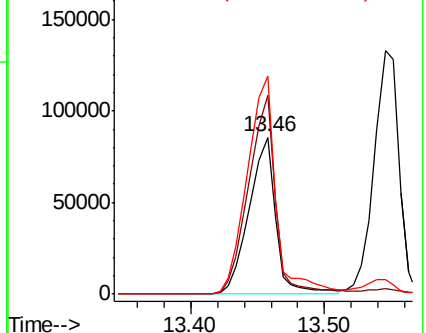
65 139.3 131.3 171.3

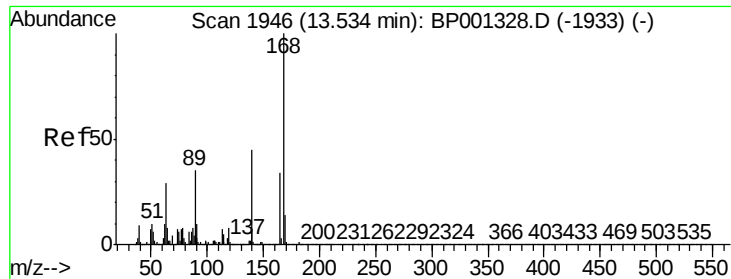


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

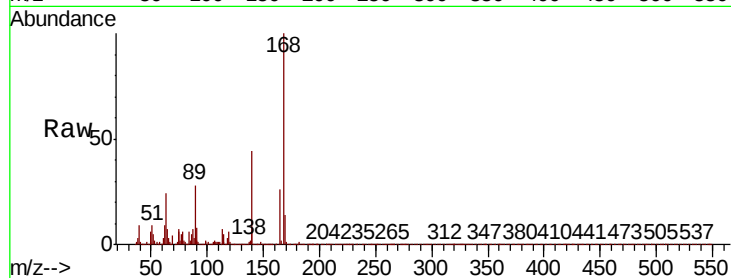




#57
 2,4-Dinitrotoluene
 Concen: 41.767 ng
 RT: 13.55 min Scan# 1948
 Delta R.T. 0.01 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	92.1	67.6	101.4
89	107.6	81.3	121.9
182	2.9	2.2	3.2

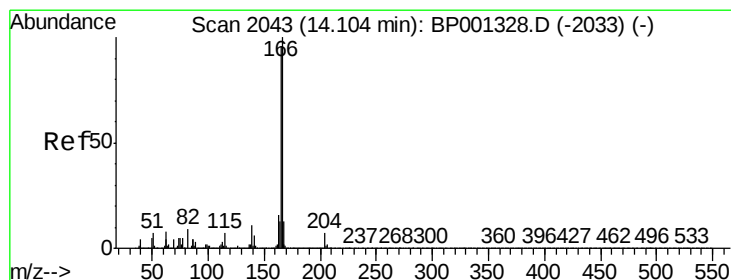
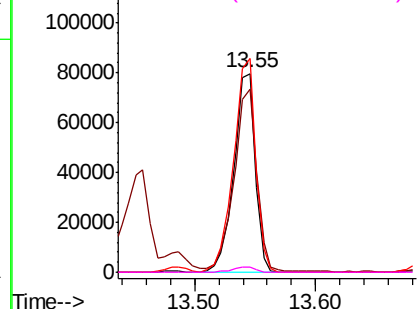
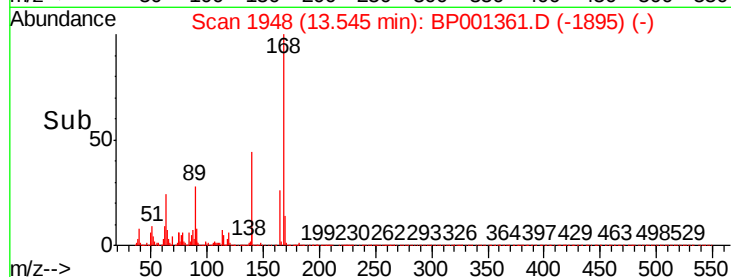


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

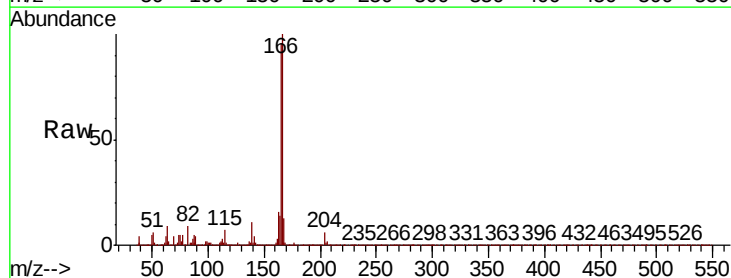
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.183 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

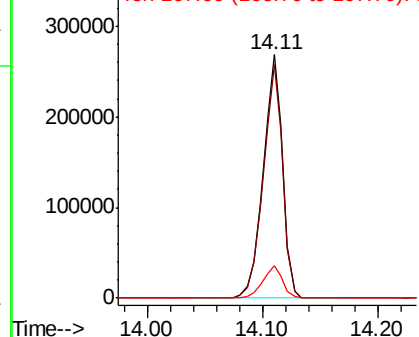
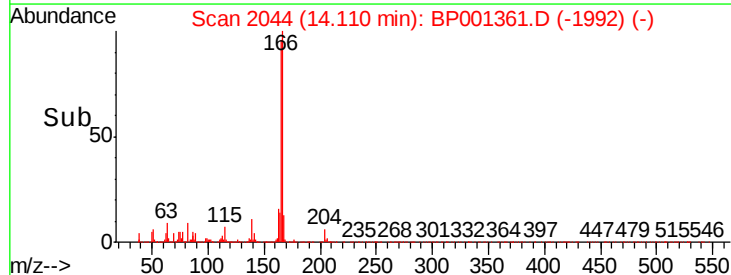
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	76.9	115.3
167	13.3	10.3	15.5

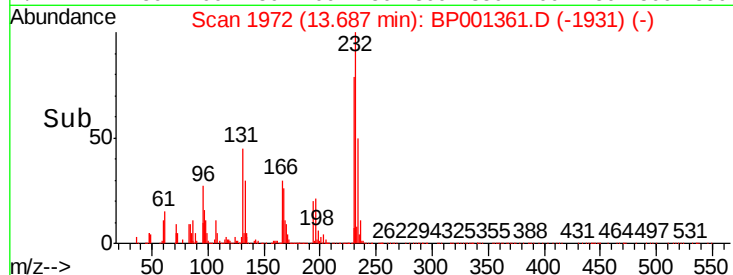
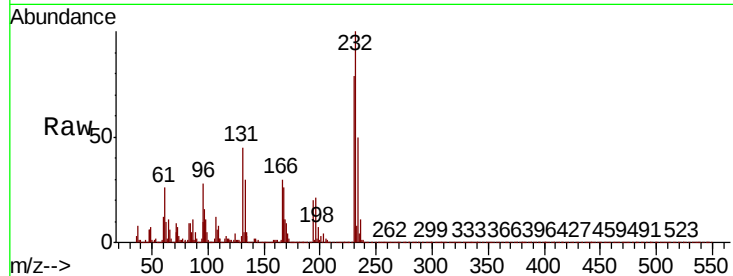
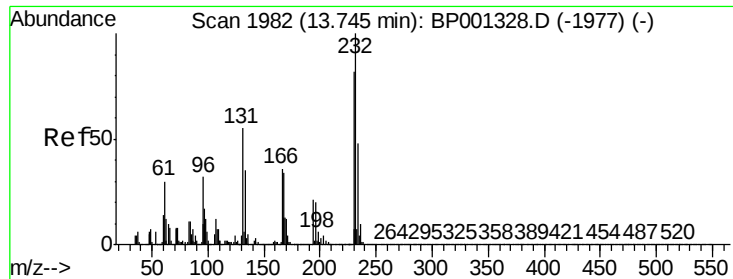


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

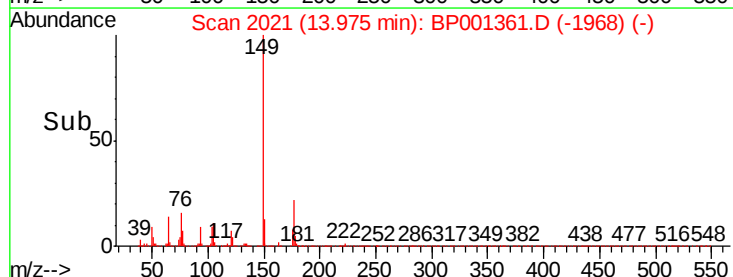
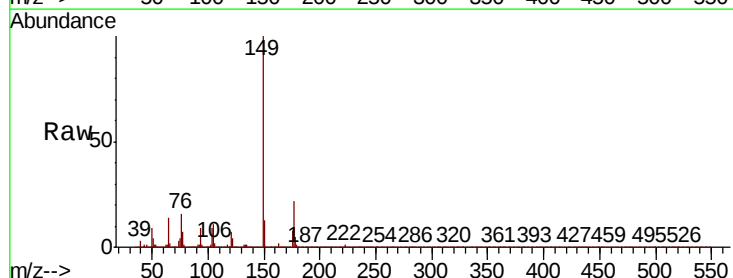
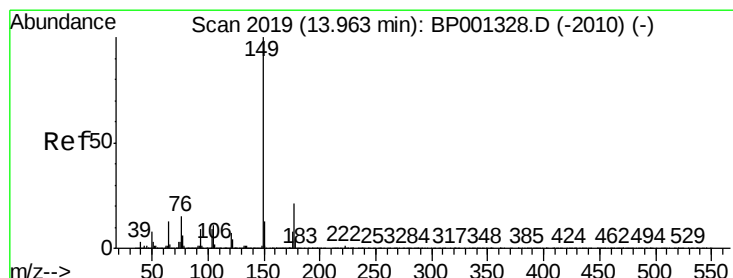
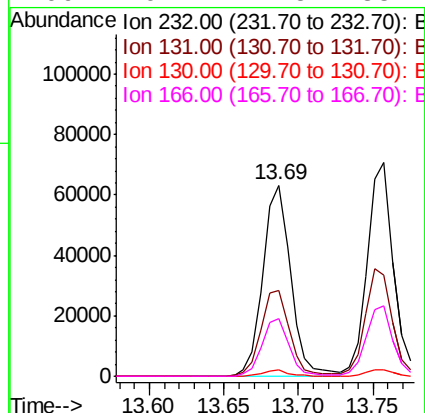




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.797 ng
RT: 13.69 min Scan# 1972
Delta R.T. -0.06 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

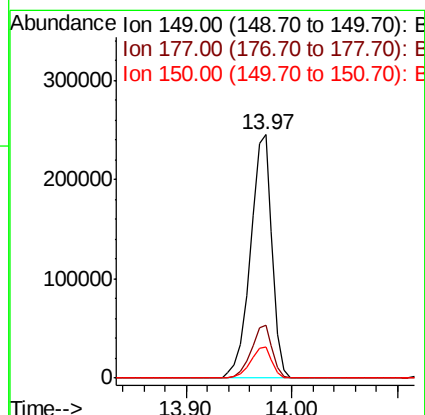
Instrument :
BNA_P
ClientSampleId :

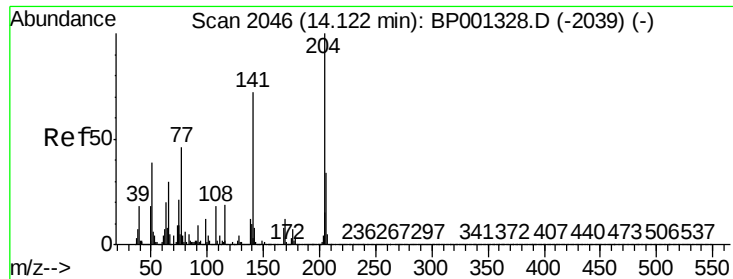
Tot Ion:	232	Resp:	81450
Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.1	54.1
130	3.2	2.5	3.7
166	29.4	22.5	33.7



#60
Diethylphthalate
Concen: 40.269 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:	149	Resp:	347665
Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	13.0	10.2	15.4

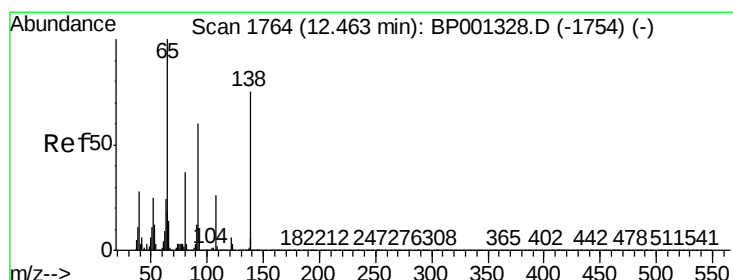
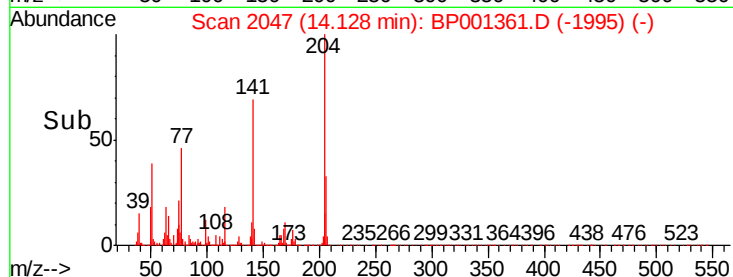
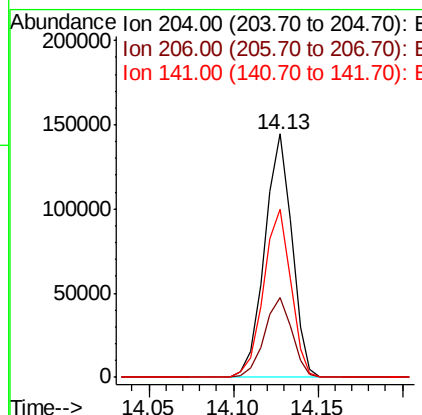
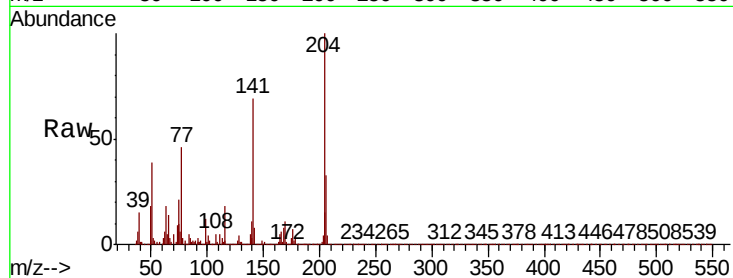




#61
4-Chlorophenyl-phenylether
Concen: 40.424 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

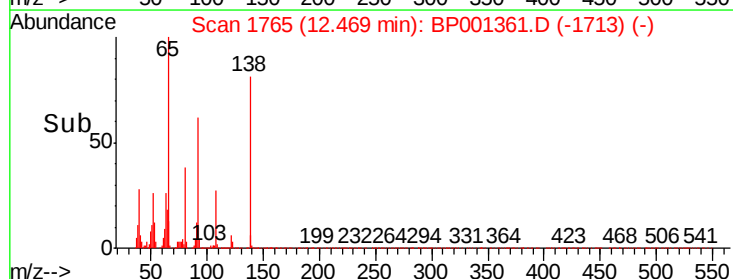
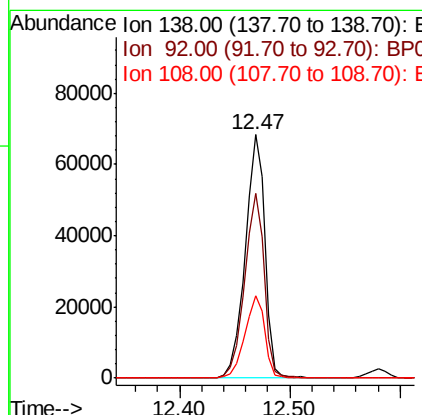
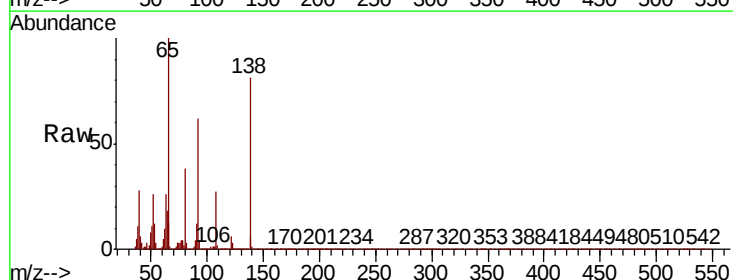
Instrument :
BNA_P
ClientSampleId :

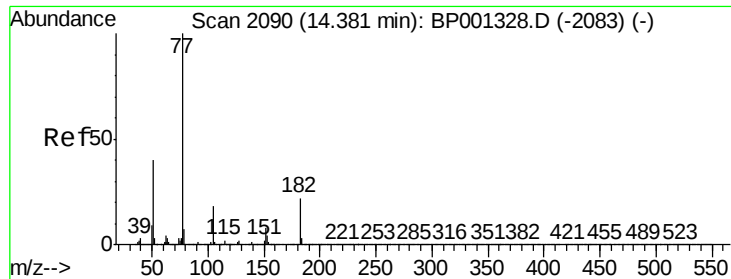
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.4	41.0
141	69.0	57.3	85.9



#62
4-Nitroaniline
Concen: 40.562 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	75.9	60.3	100.3
108	33.8	14.5	54.5

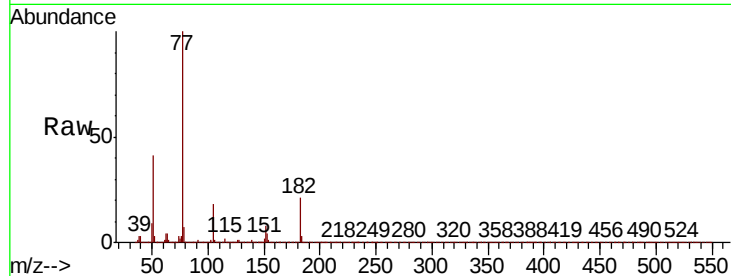




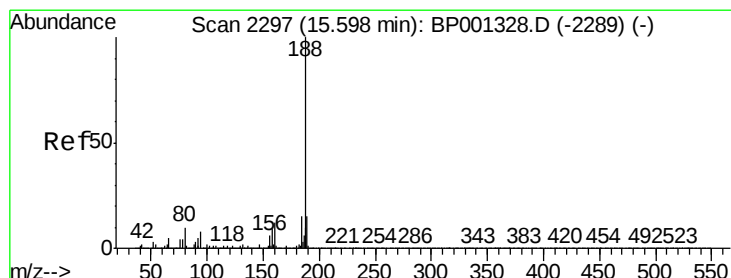
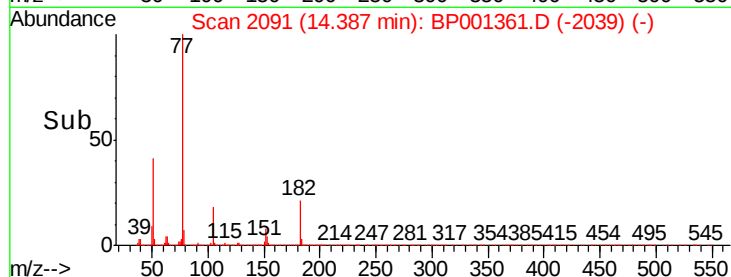
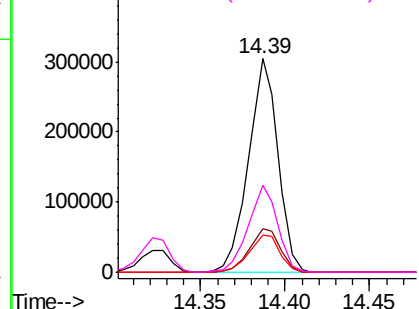
#63
Azobenzene
Concen: 40.707 ng
RT: 14.39 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	369993
Ion	Ratio	Lower	Upper
77	100		
182	20.5	2.0	42.0
105	17.6	0.0	38.1
51	40.8	20.0	60.0

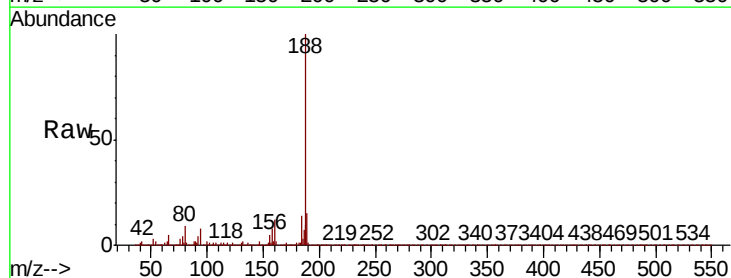


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

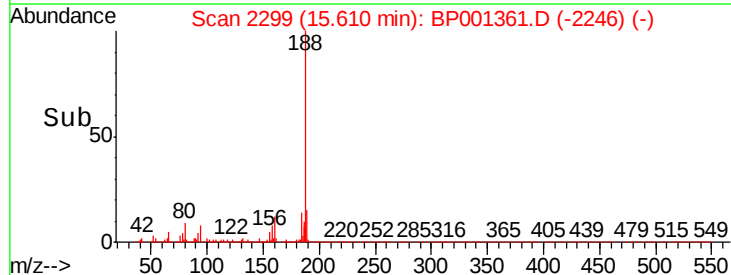
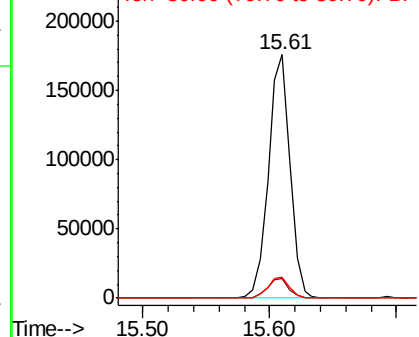


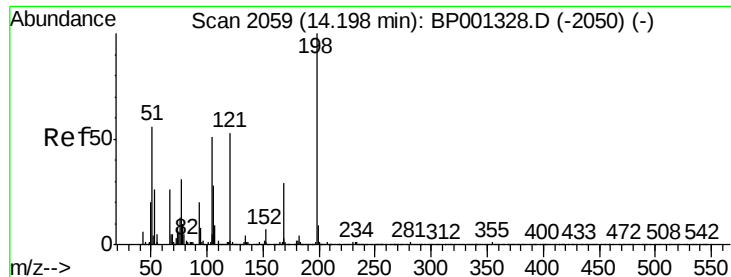
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:	188	Resp:	207900
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.7	7.8	11.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 50.082 ng

RT: 14.21 min Scan# 2061

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

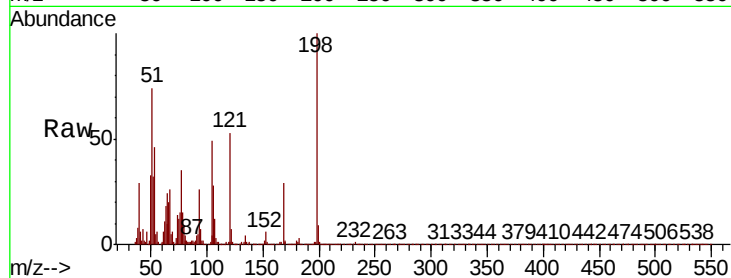
Tot Ion:198 Resp: 46631

Ion Ratio Lower Upper

198 100

51 74.3 47.4 87.4

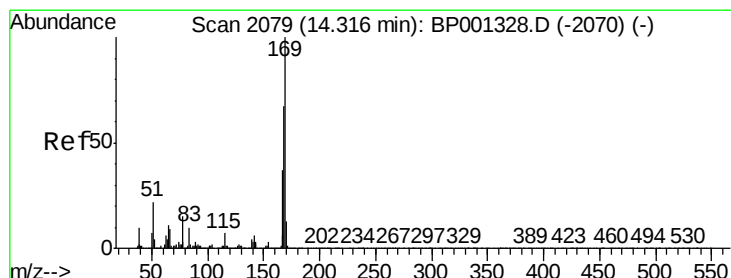
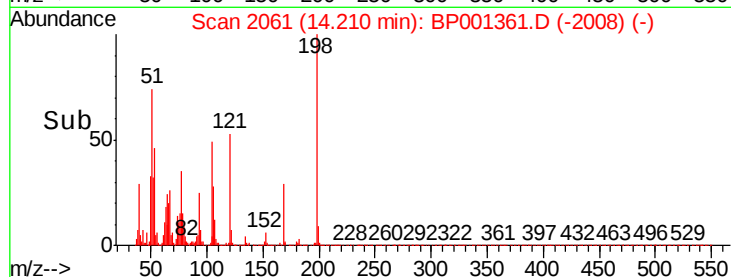
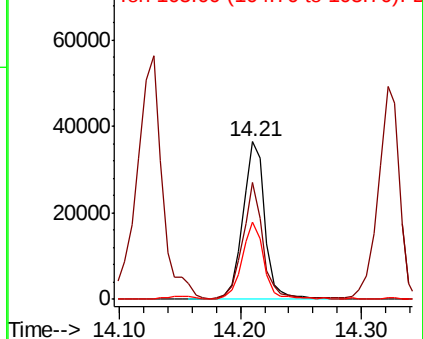
105 49.1 33.1 73.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.718 ng

RT: 14.33 min Scan# 2081

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

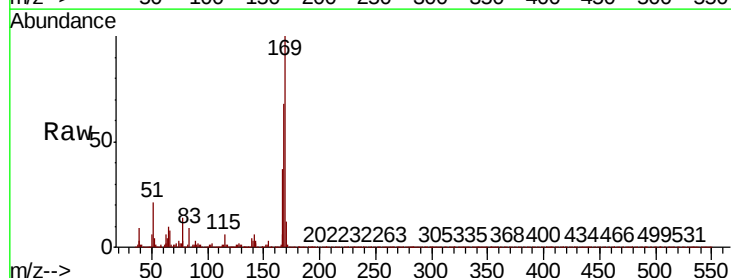
Tgt Ion:169 Resp: 268370

Ion Ratio Lower Upper

169 100

168 67.9 53.4 80.2

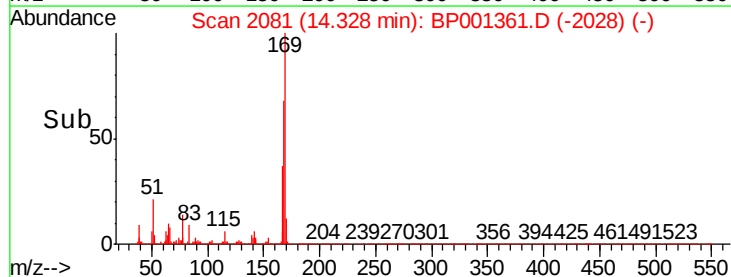
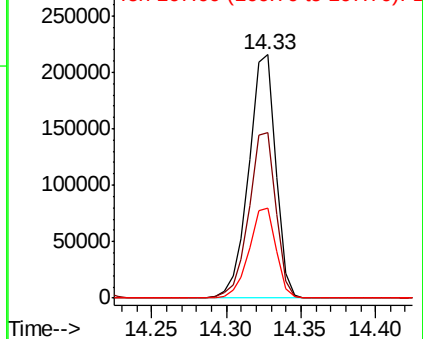
167 37.1 29.4 44.0

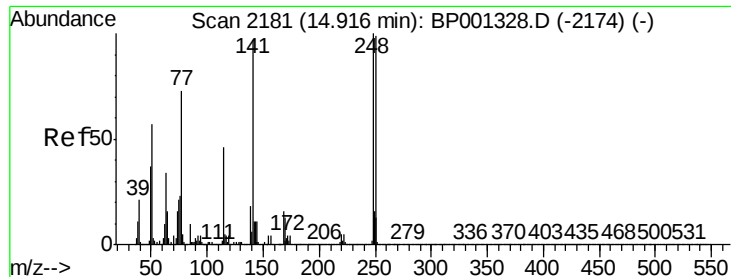


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

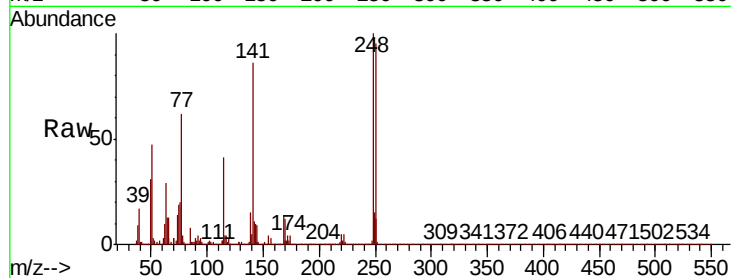




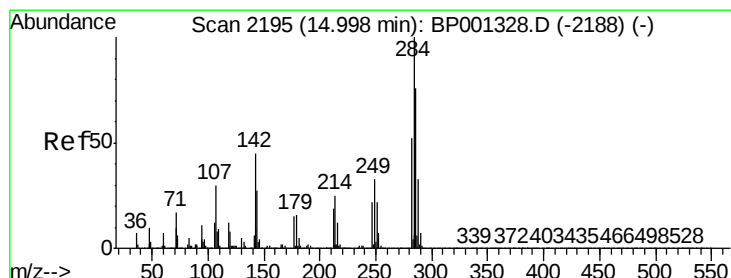
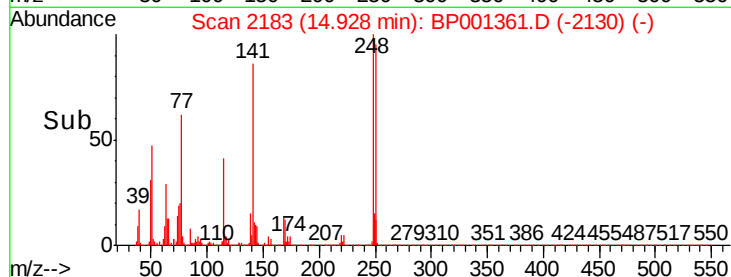
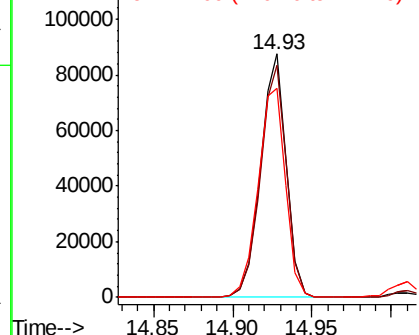
#67
4-Bromophenyl-phenylether
Concen: 40.041 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 98422
Ion Ratio Lower Upper
248 100
250 95.4 79.3 118.9
141 86.0 77.5 116.3

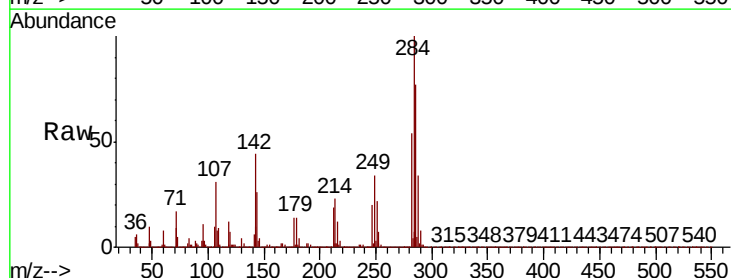


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

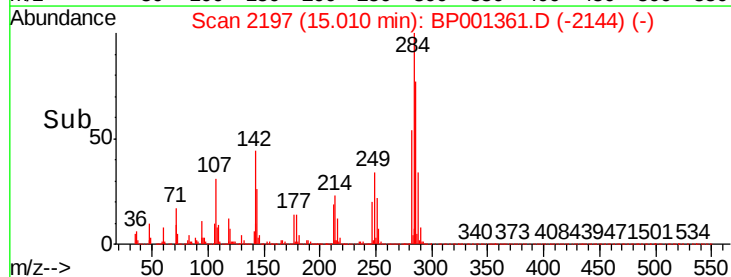
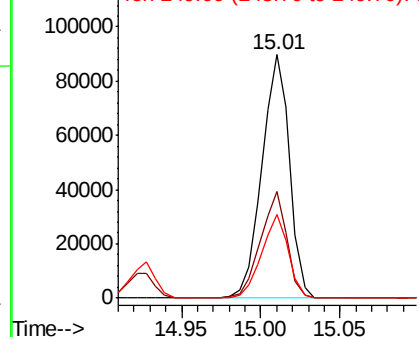


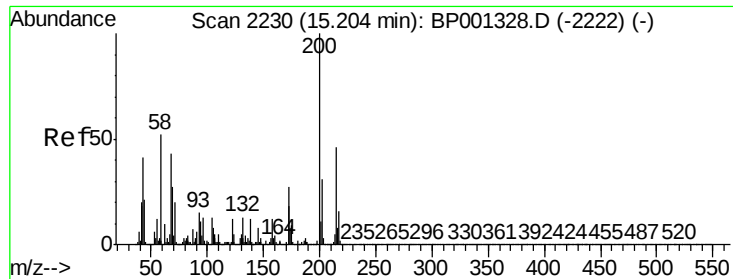
#68
Hexachlorobenzene
Concen: 38.748 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion:284 Resp: 108427
Ion Ratio Lower Upper
284 100
142 43.8 36.1 54.1
249 34.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.491 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.02 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampled :

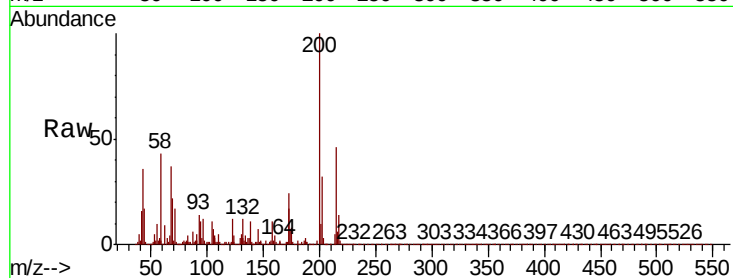
Tot Ion:200 Resp: 102965

Ion Ratio Lower Upper

200 100

173 24.1 6.8 46.8

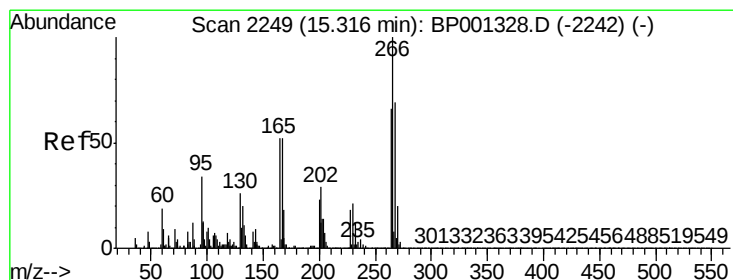
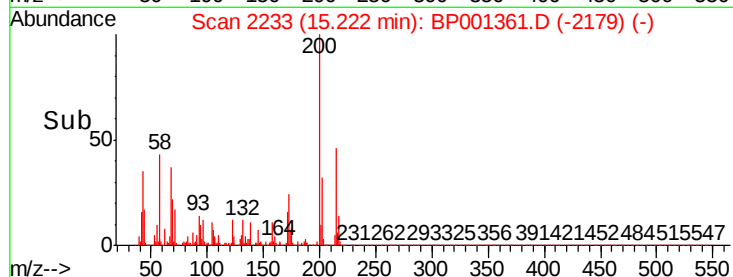
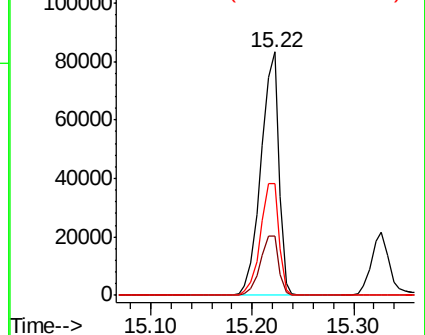
215 46.0 26.1 66.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 89.005 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

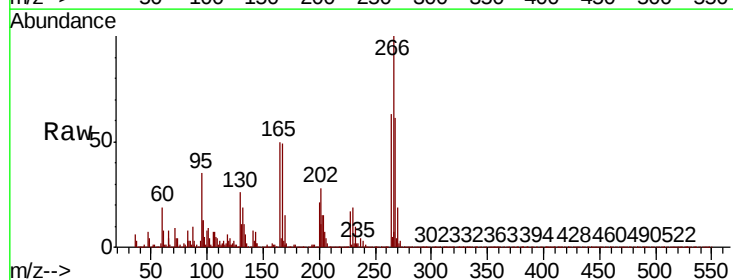
Tgt Ion:266 Resp: 127723

Ion Ratio Lower Upper

266 100

268 61.2 55.4 83.2

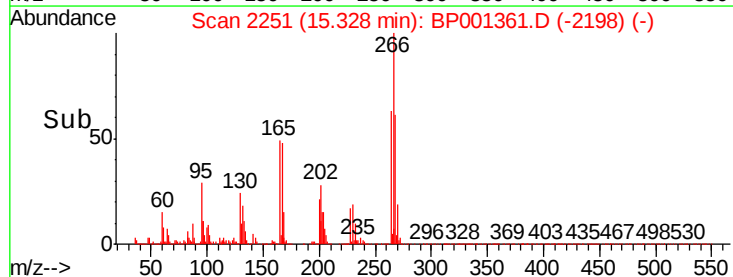
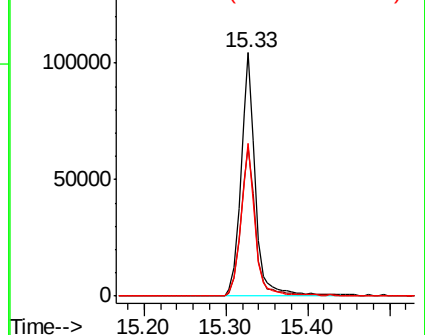
264 62.6 53.2 79.8

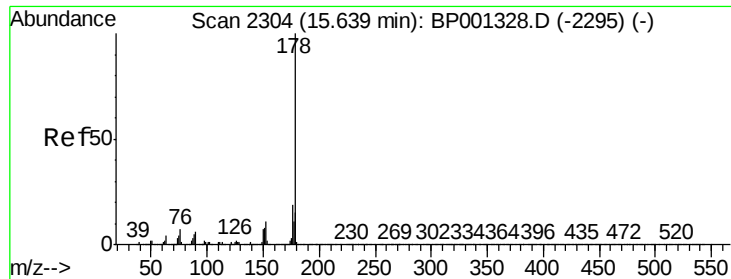


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.264 ng

RT: 15.65 min Scan# 2305

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampled :

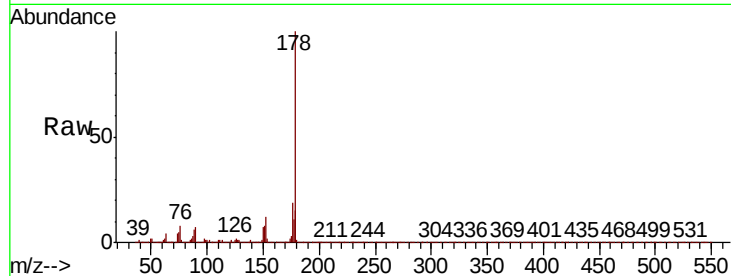
Tot Ion:178 Resp: 477588

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.0 12.0 18.0

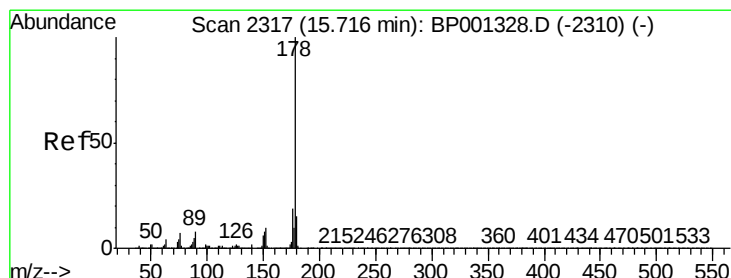
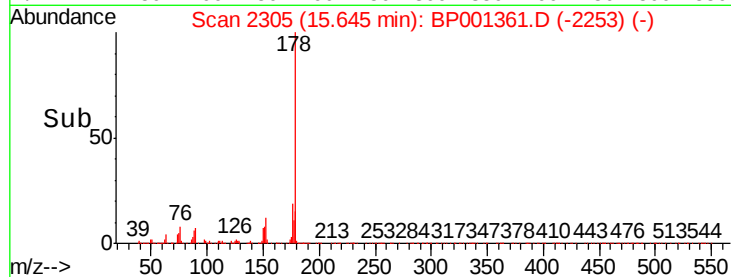
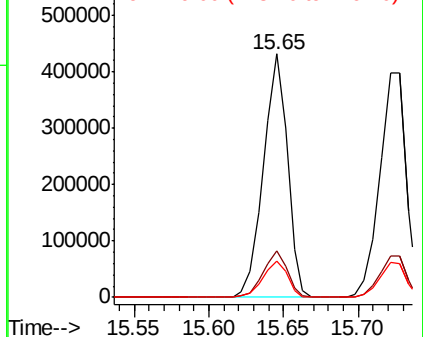


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.195 ng

RT: 15.72 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

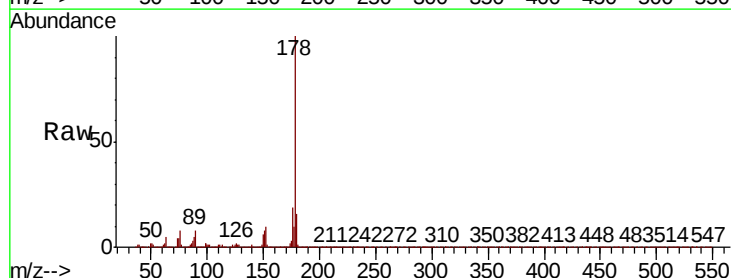
Tgt Ion:178 Resp: 483705

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.8 11.9 17.9

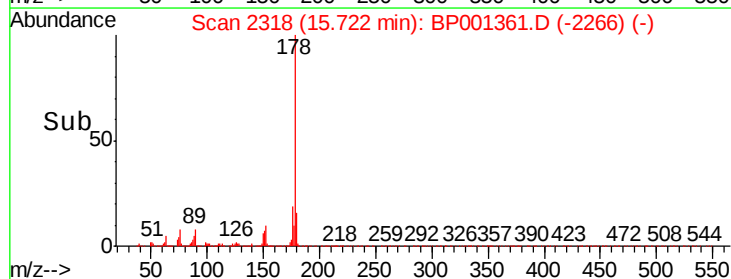
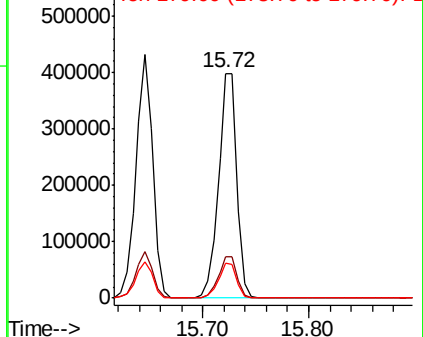


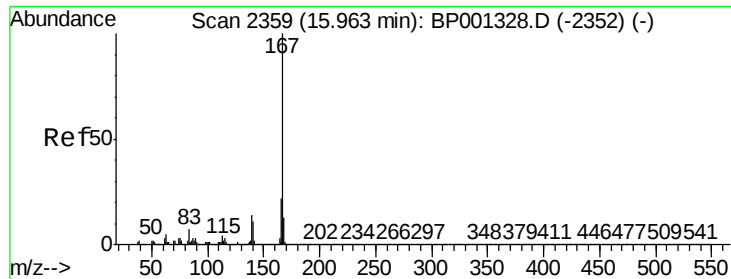
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

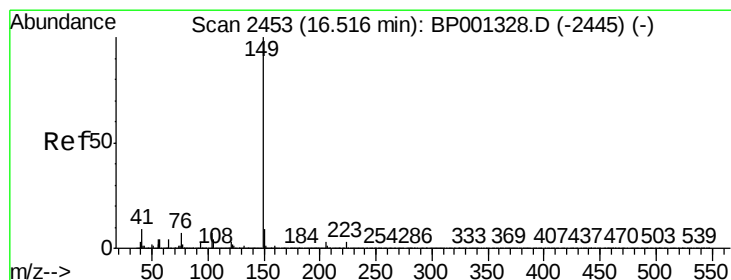
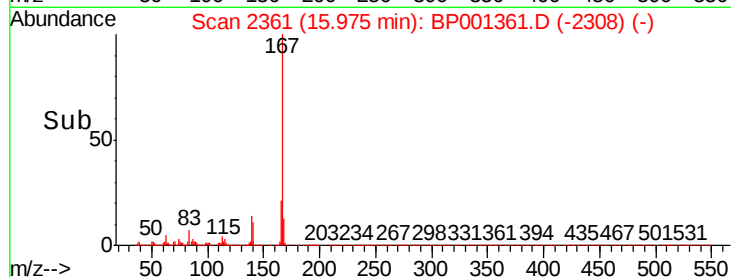
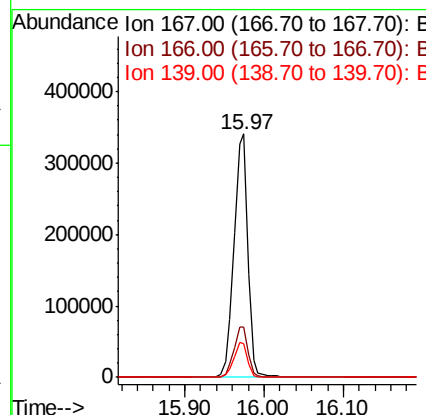
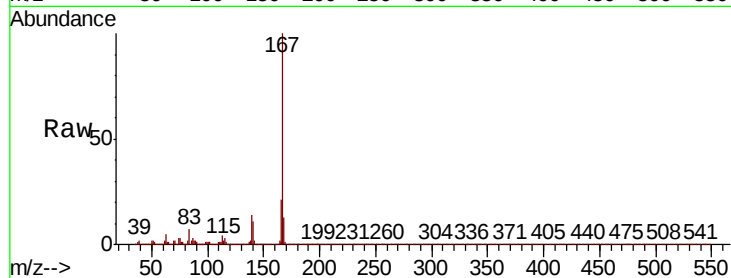




#73
 Carbazole
 Concen: 39.550 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. 0.01 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

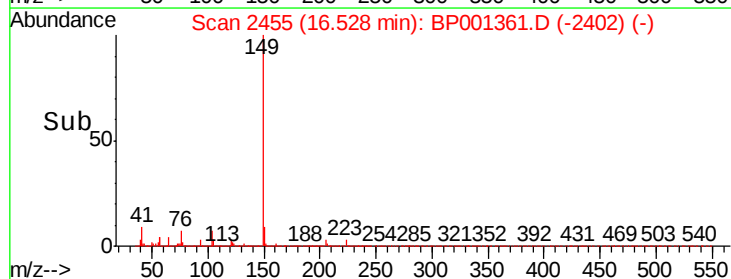
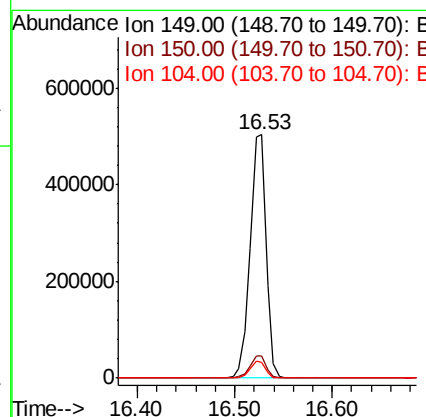
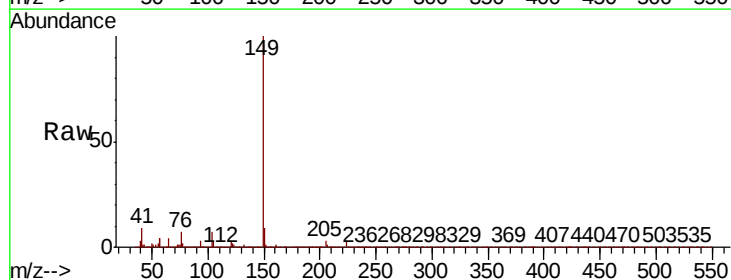
Instrument :
 BNA_P
 ClientSampleId :

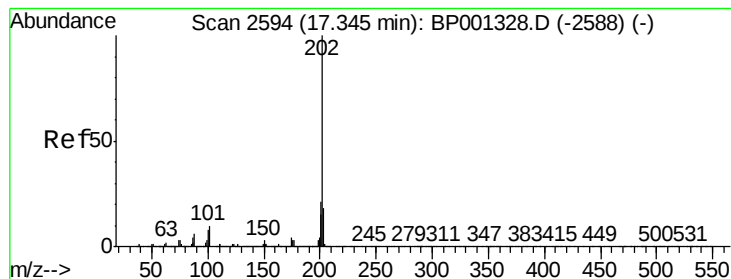
Tot Ion:167 Resp: 414035
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.6 26.4
 139 13.8 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 39.653 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. 0.01 min
 Lab File: BP001361.D
 Acq: 23 Dec 2019 12:10

Tgt Ion:149 Resp: 569663
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 6.7 5.4 8.2





#75

Fluoranthene

Concen: 40.533 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BP001361.D

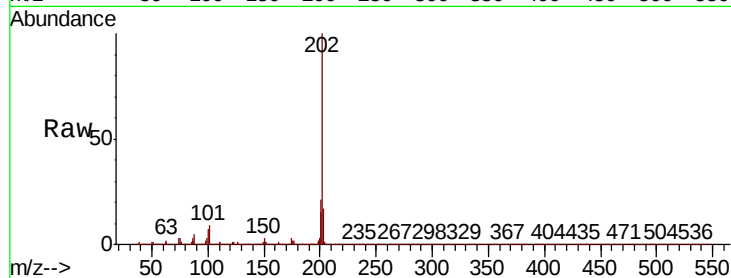
Acq: 23 Dec 2019 12:10

Instrument :

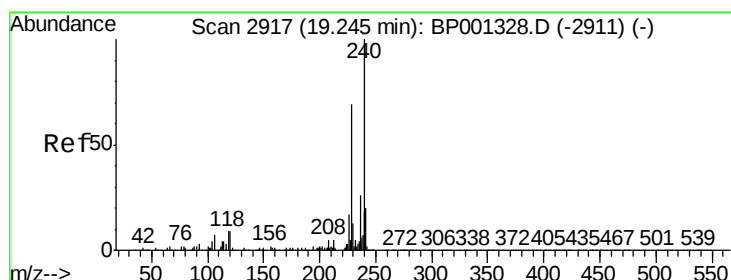
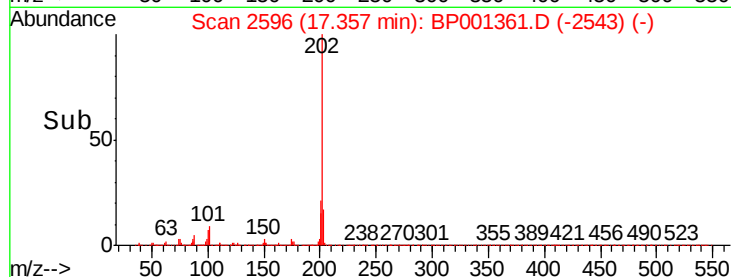
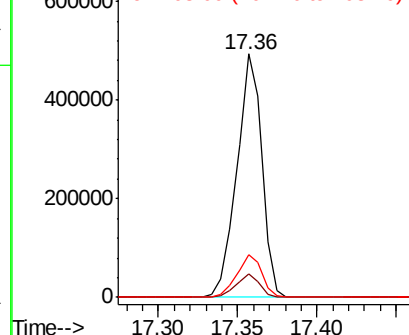
BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	537592
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.9
203	17.4	0.0	37.6



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

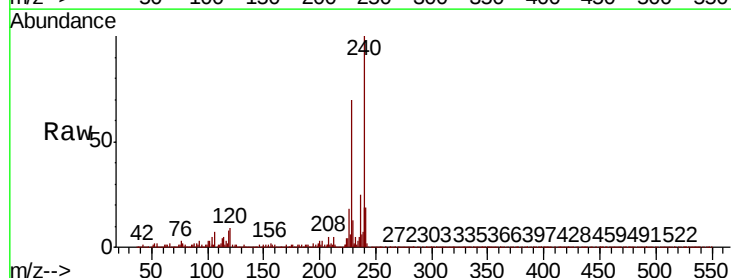
RT: 19.26 min Scan# 2919

Delta R.T. 0.01 min

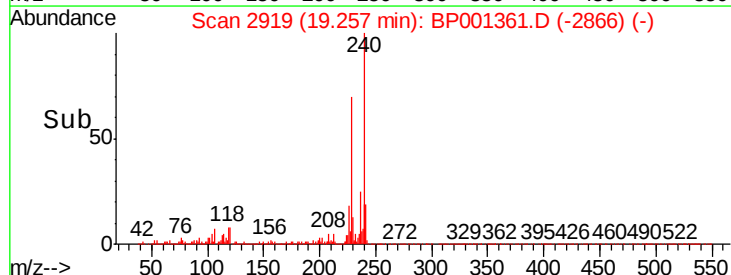
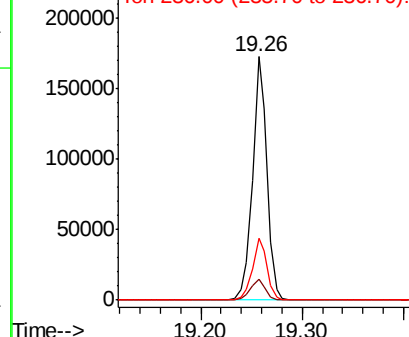
Lab File: BP001361.D

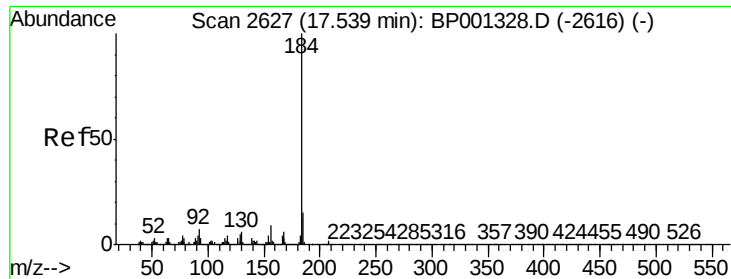
Acq: 23 Dec 2019 12:10

Tgt Ion:	240	Resp:	169530
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.6	11.4
236	25.4	21.0	31.4



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: 26.799 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampled :

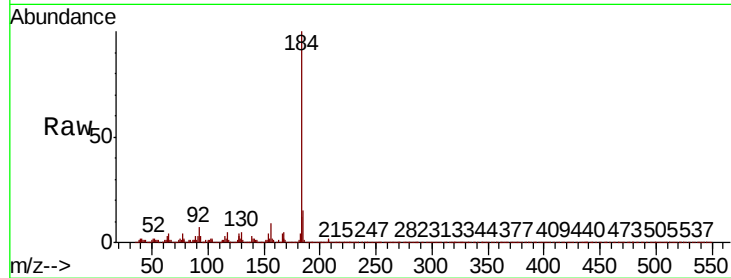
Tot Ion:184 Resp: 132277

Ion Ratio Lower Upper

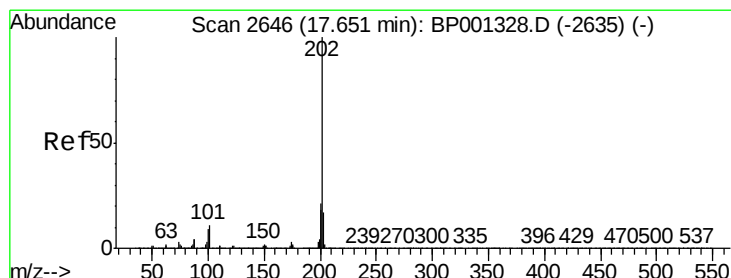
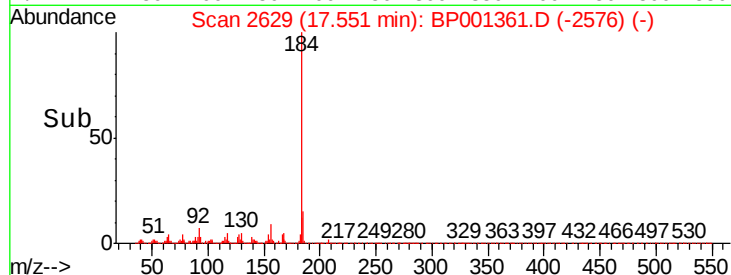
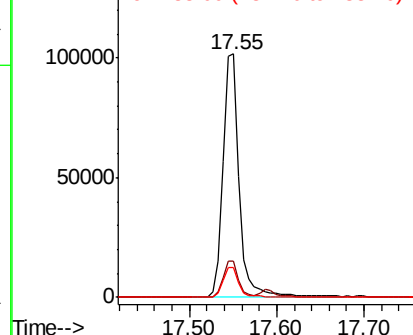
184 100

185 14.8 11.7 17.5

183 12.0 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.715 ng

RT: 17.66 min Scan# 2648

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

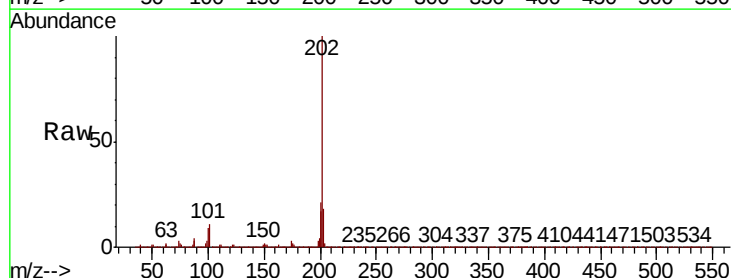
Tgt Ion:202 Resp: 535929

Ion Ratio Lower Upper

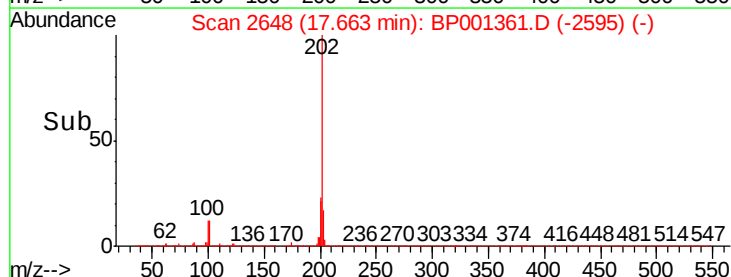
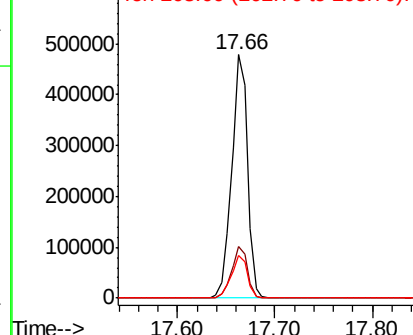
202 100

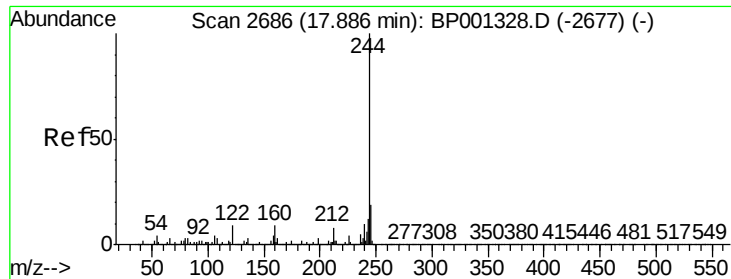
200 21.0 16.8 25.2

203 17.6 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.520 ng

RT: 17.90 min Scan# 2688

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

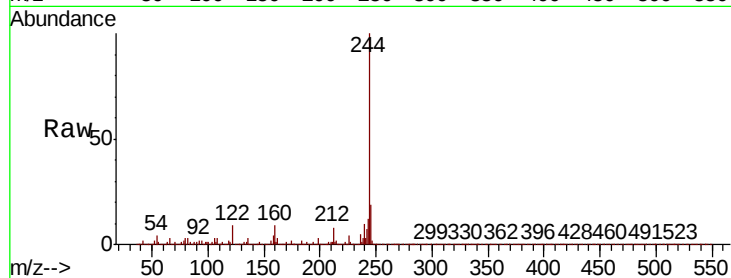
Tot Ion:244 Resp: 806887

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

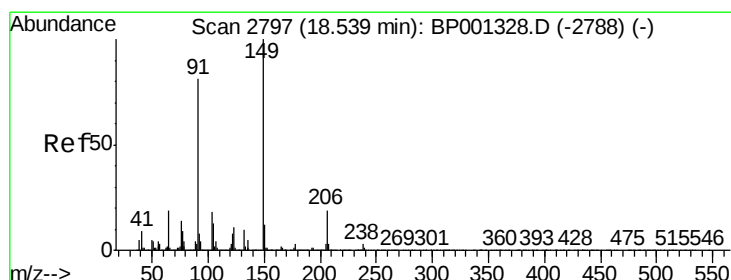
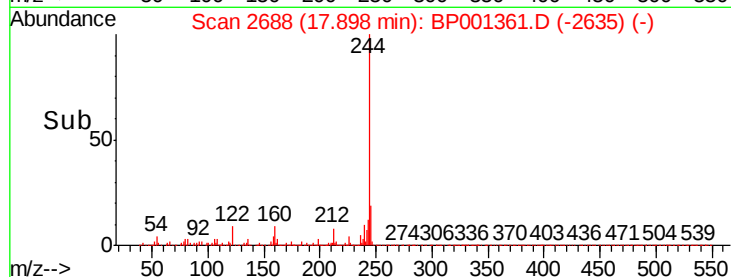
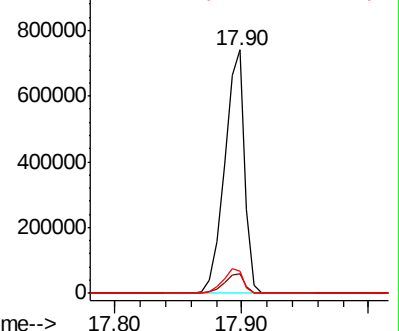
122 8.9 7.6 11.4



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: 39.718 ng

RT: 18.55 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

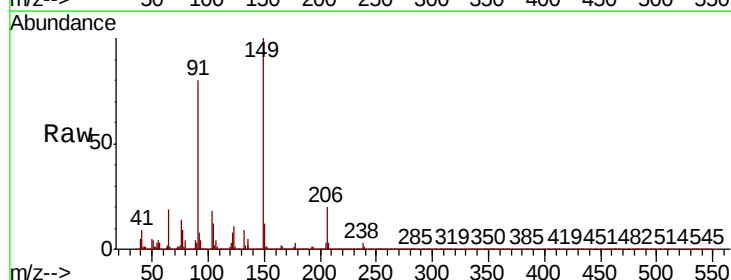
Tgt Ion:149 Resp: 243737

Ion Ratio Lower Upper

149 100

91 80.0 65.2 97.8

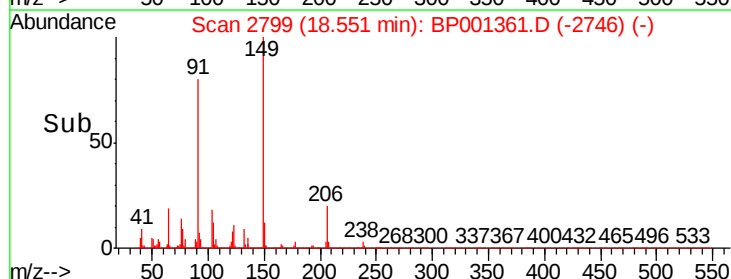
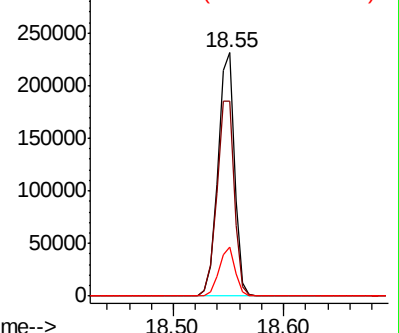
206 20.1 15.6 23.4

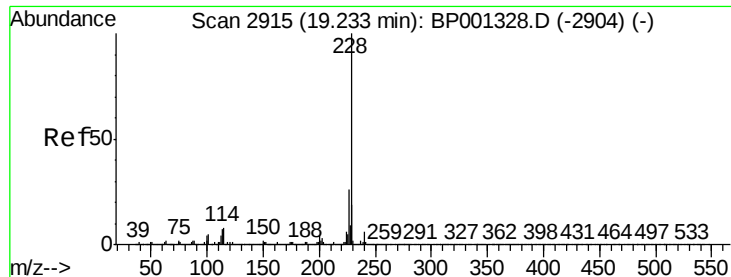


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.729 ng

RT: 19.25 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

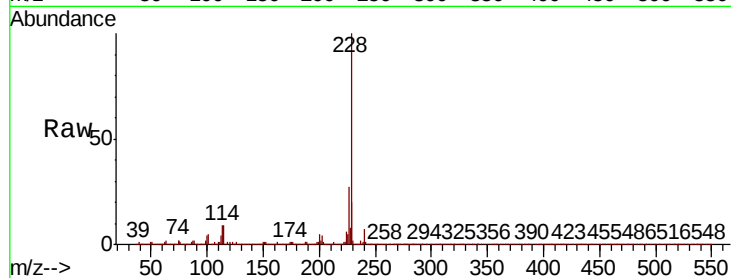
Tot Ion:228 Resp: 490781

Ion Ratio Lower Upper

228 100

226 27.3 21.2 31.8

229 20.1 15.4 23.0

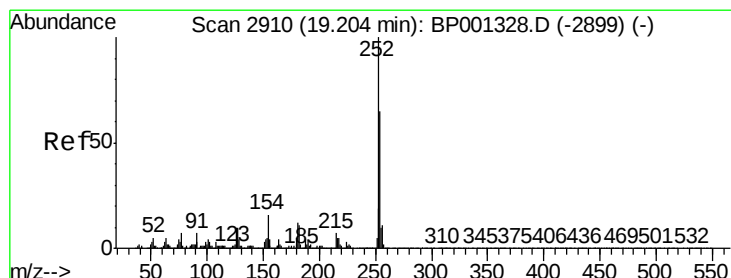
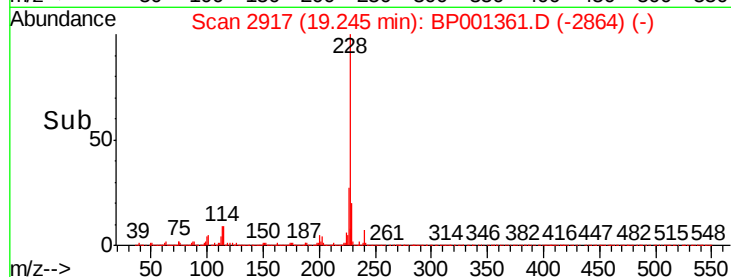
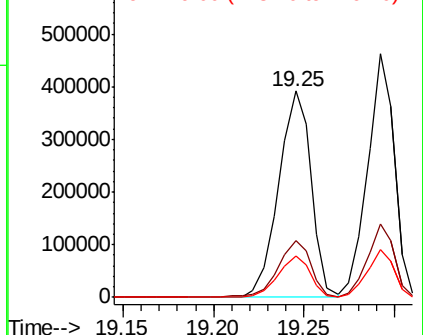


Abundance

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: 30.930 ng

RT: 19.21 min Scan# 2911

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

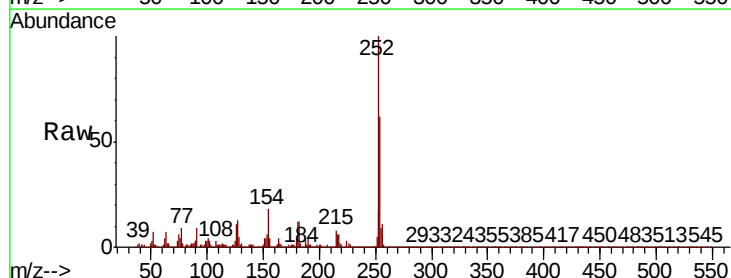
Tgt Ion:252 Resp: 132680

Ion Ratio Lower Upper

252 100

254 62.1 51.8 77.8

126 11.3 8.2 12.2

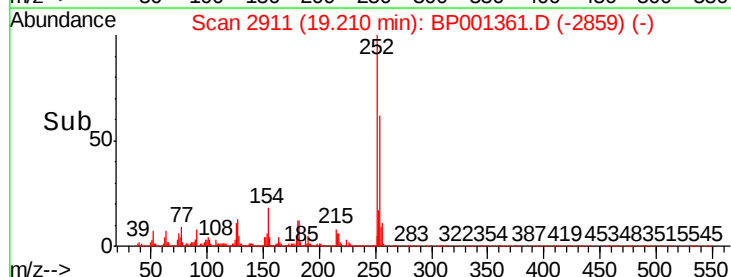
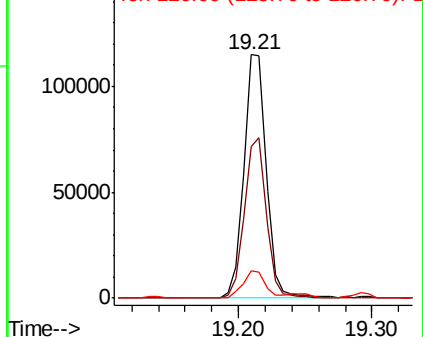


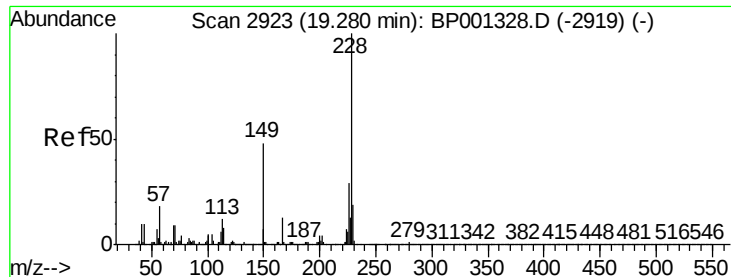
Abundance

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: 39.830 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

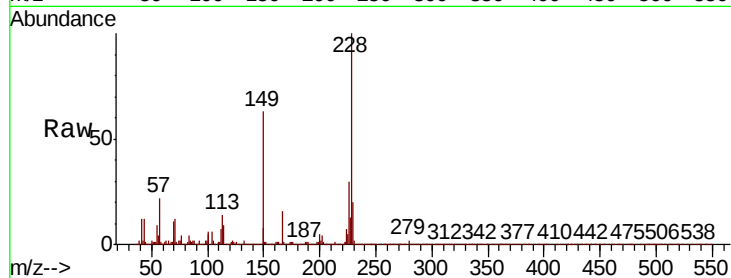
Tot Ion:228 Resp: 474919

Ion Ratio Lower Upper

228 100

226 30.3 23.1 34.7

229 19.5 15.4 23.2

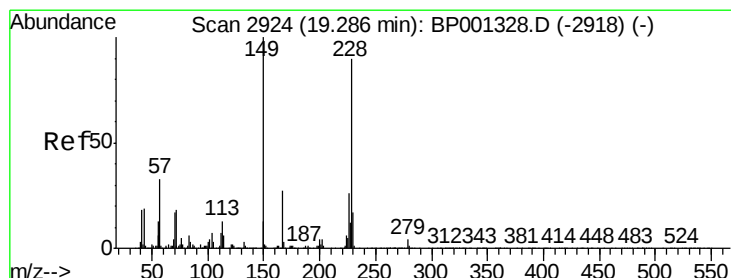
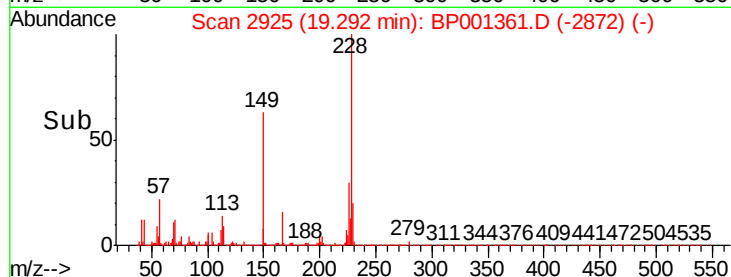
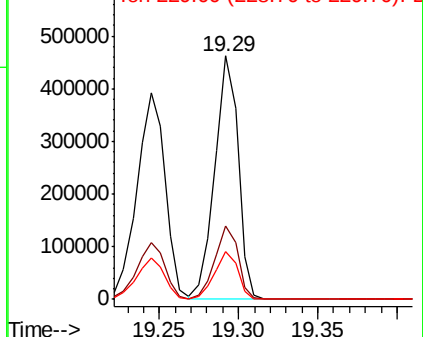


Abundance

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: 39.619 ng

RT: 19.30 min Scan# 2926

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

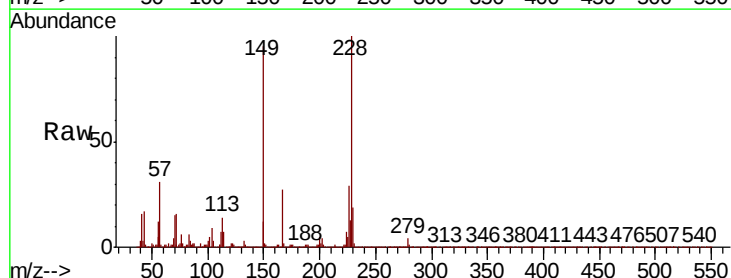
Tgt Ion:149 Resp: 356761

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.6

279 4.2 3.0 4.4

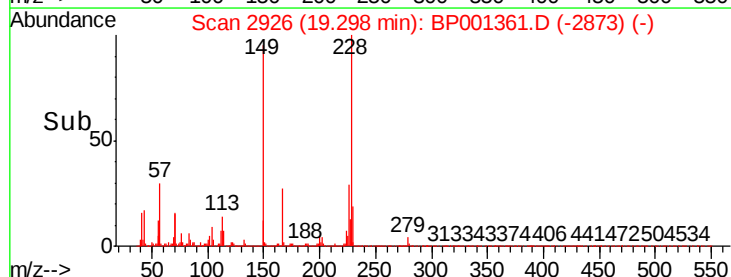
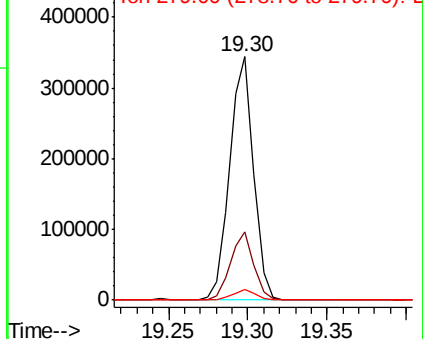


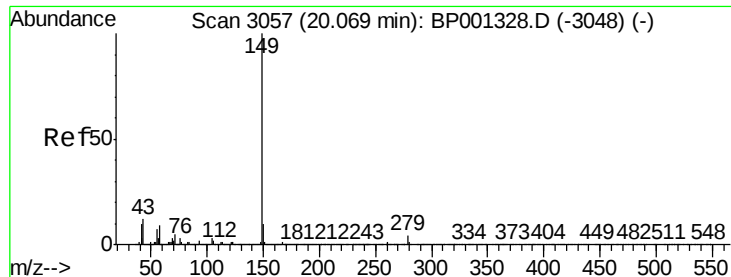
Abundance

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: 39.597 ng

RT: 20.08 min Scan# 3059

Delta R.T. 0.01 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

Instrument :

BNA_P

ClientSampleId :

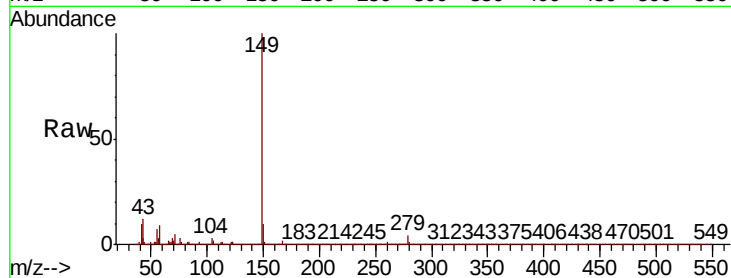
Tot Ion:149 Resp: 590977

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

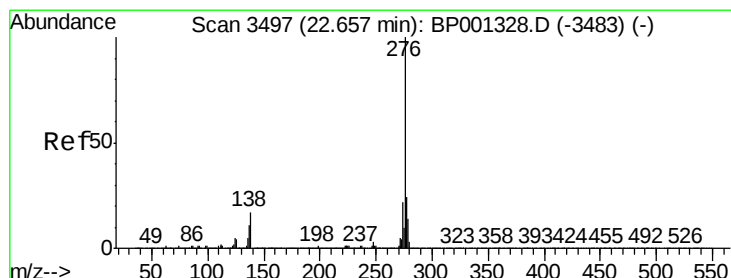
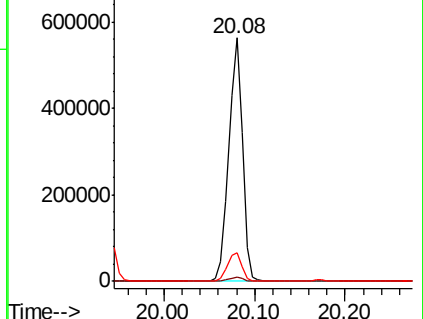
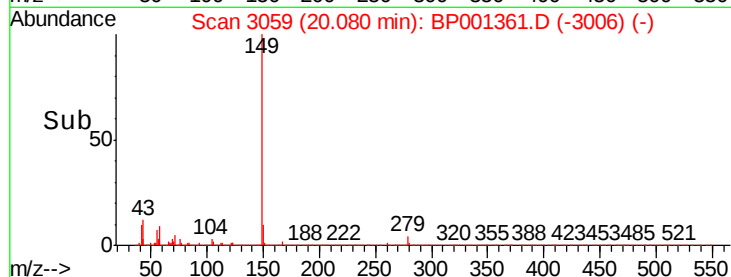
43 12.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.694 ng

RT: 22.69 min Scan# 3502

Delta R.T. 0.03 min

Lab File: BP001361.D

Acq: 23 Dec 2019 12:10

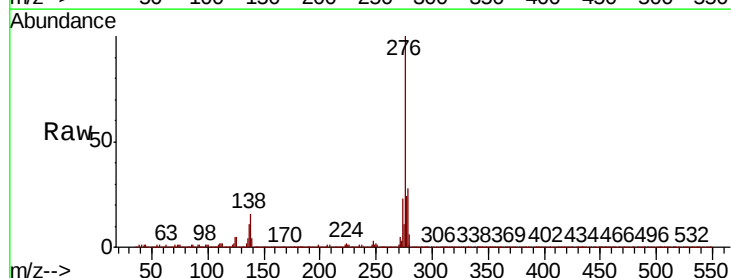
Tgt Ion:276 Resp: 472535

Ion Ratio Lower Upper

276 100

138 19.3 15.8 23.6

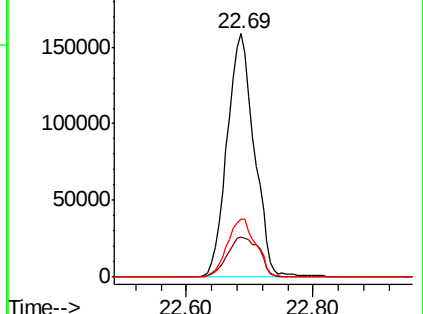
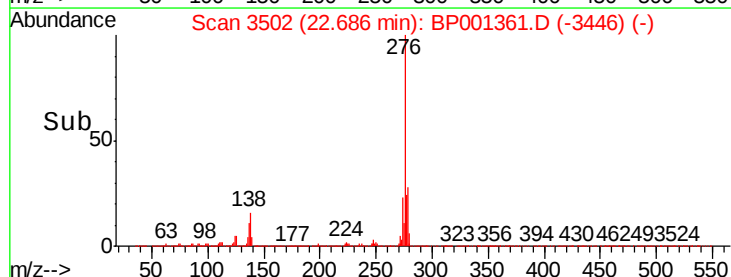
277 25.2 20.2 30.4

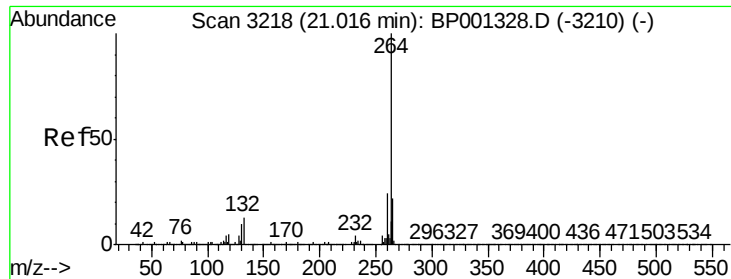


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

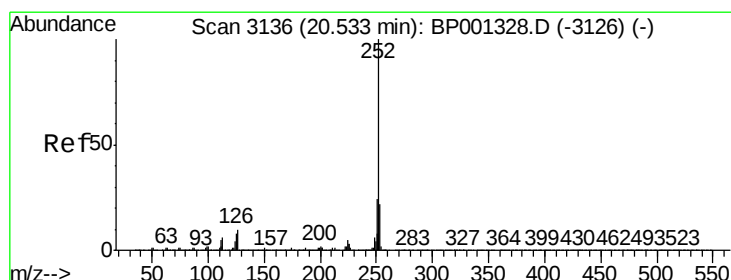
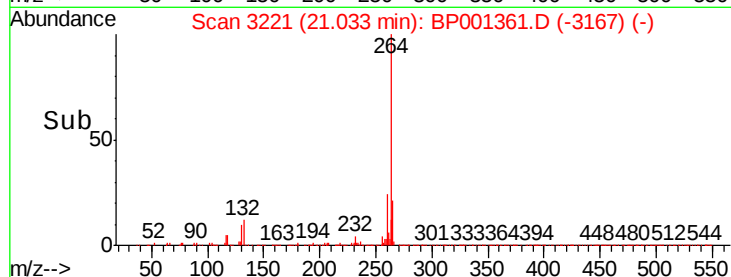
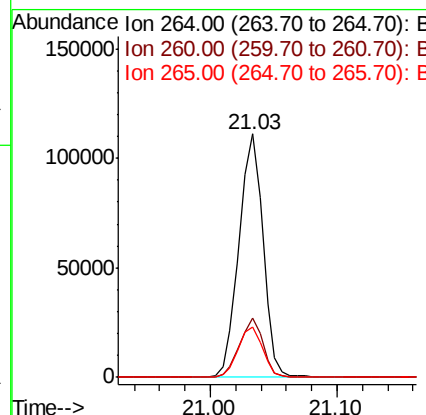
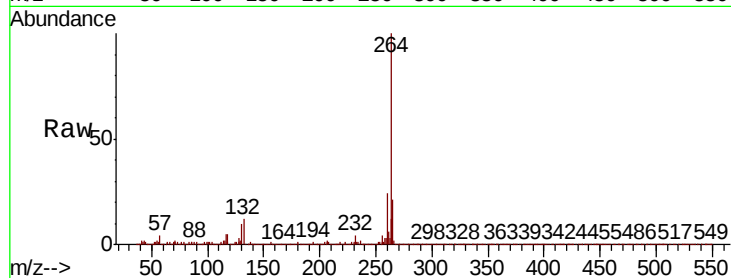




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3221
Delta R.T. 0.02 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

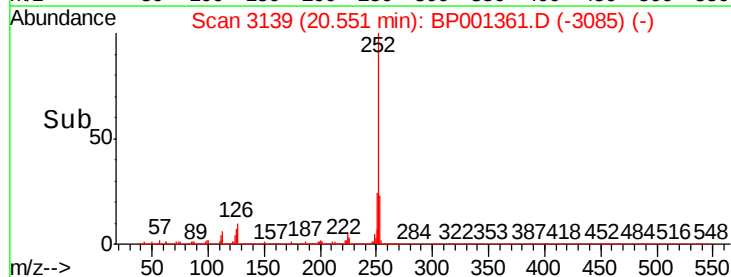
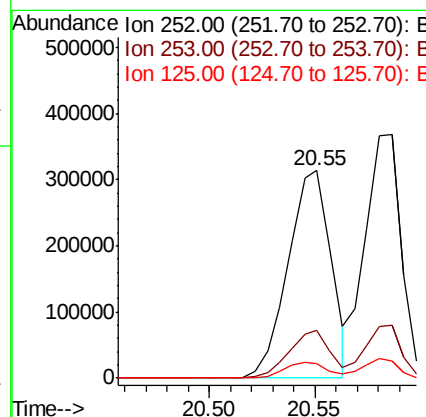
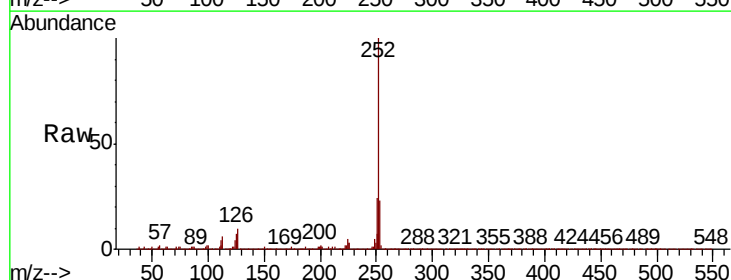
Instrument :
BNA_P
ClientSampled :

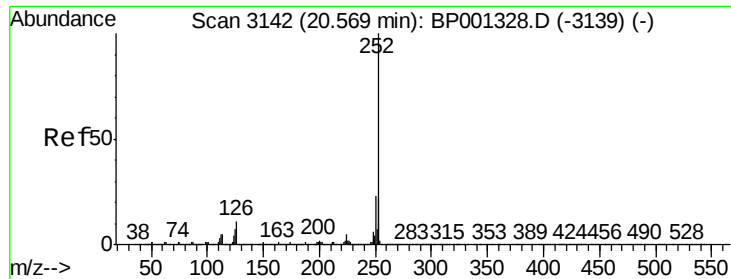
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.8	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 46.457 ng
RT: 20.55 min Scan# 3139
Delta R.T. 0.02 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	7.2	6.3	9.5

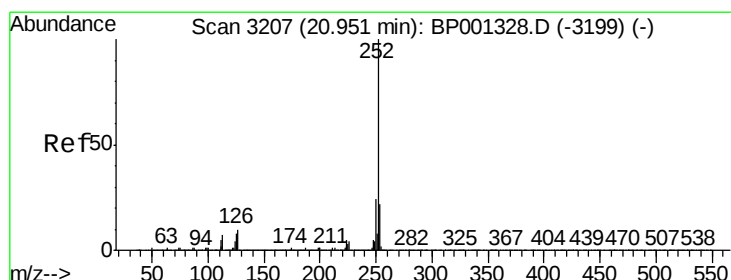
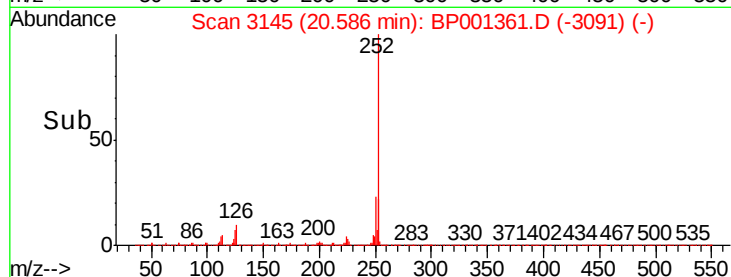
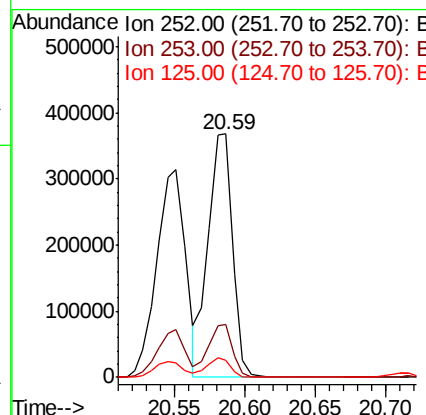
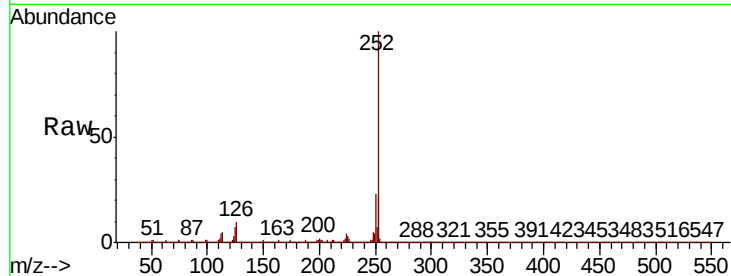




#89
Benzo(k)fluoranthene
Concen: 48.570 ng
RT: 20.59 min Scan# 3145
Delta R.T. 0.02 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

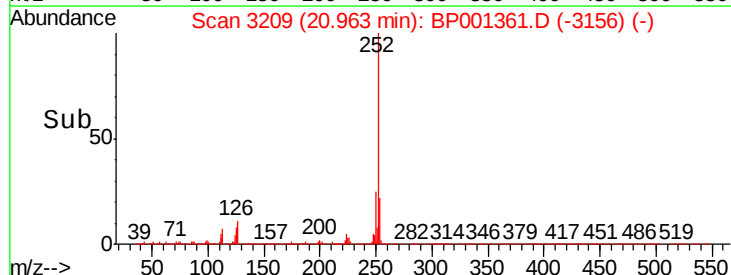
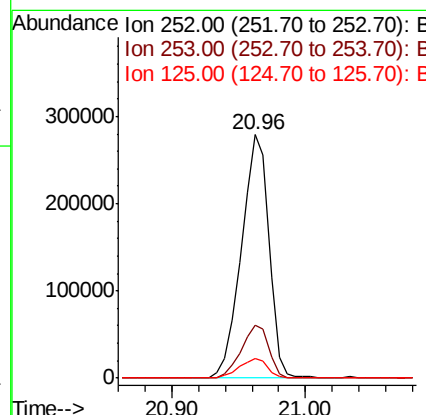
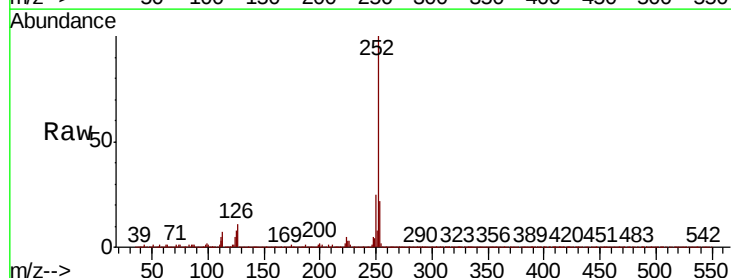
Instrument :
BNA_P
ClientSampleId :

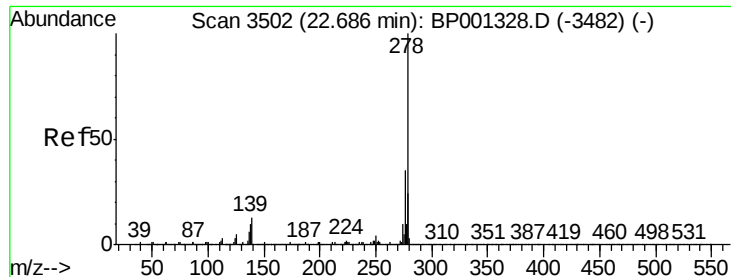
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	7.0	5.9	8.9



#90
Benzo(a)pyrene
Concen: 45.610 ng
RT: 20.96 min Scan# 3209
Delta R.T. 0.01 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.1	6.3	9.5

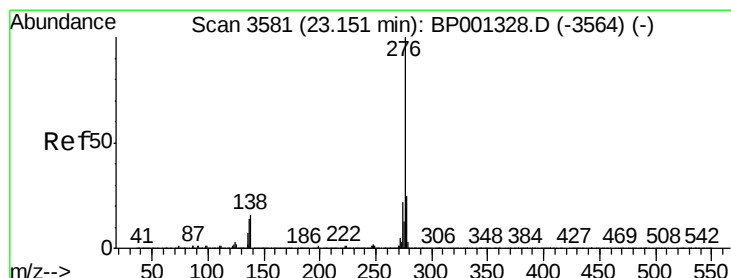
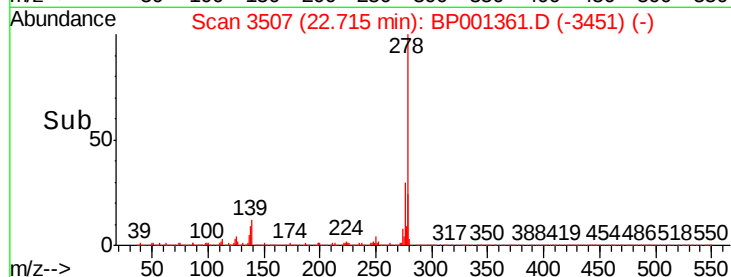
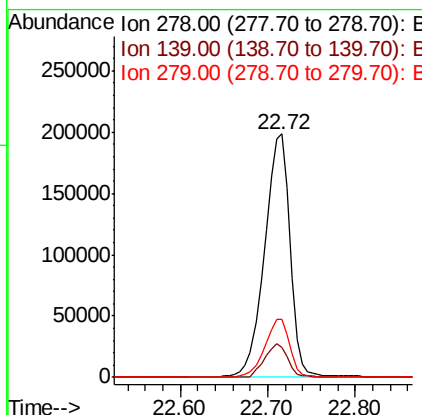
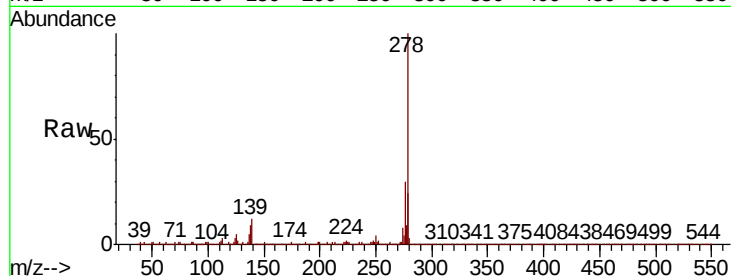




#91
Dibenzo(a,h)anthracene
Concen: 47.047 ng
RT: 22.72 min Scan# 3507
Delta R.T. 0.03 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	10.3	15.5
279	23.6	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 46.547 ng
RT: 23.17 min Scan# 3585
Delta R.T. 0.02 min
Lab File: BP001361.D
Acq: 23 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.6	29.4
138	16.9	12.6	18.8

