

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001161.D
 Acq On : 03 Dec 2019 18:10
 Operator : JU
 Sample : PB125173BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:43:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	117525	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	457733	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	256611	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	484478	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	383361	20.00	ng	-0.02
87) Perylene-d12	21.03	264	331355	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.23	112	927469	130.93	ng	0.00
7) Phenol-d6	7.77	99	1217454	129.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	682949	64.73	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	313204	127.34	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1114256	63.55	ng	-0.02
79) Terphenyl-d14	17.89	244	1278793	61.71	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	119506	36.118	ng	94
3) Pyridine	3.48	79	306571	33.390	ng	94
4) n-Nitrosodimethylamine	3.39	42	192533	48.460	ng	83
6) Aniline	7.79	93	349774	27.954	ng	# 24
8) 2-Chlorophenol	7.98	128	341028	46.531	ng	98
9) Benzaldehyde	7.61	77	165350	27.692	ng	99
10) Phenol	7.79	94	479482	44.667	ng	90
11) bis(2-Chloroethyl)ether	7.92	93	364485	43.603	ng	98
12) 1,3-Dichlorobenzene	8.22	146	366782	42.222	ng	98
13) 1,4-Dichlorobenzene	8.34	146	371828	42.490	ng	99
14) 1,2-Dichlorobenzene	8.58	146	352847	42.843	ng	99
15) Benzyl Alcohol	8.55	79	374155	48.298	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.78	45	546395	40.657	ng	99
17) 2-Methylphenol	8.74	107	299023	44.478	ng	96
18) Hexachloroethane	9.12	117	153570	42.422	ng	93
19) n-Nitroso-di-n-propylamine	8.99	70	291193	42.761	ng	96
20) 3+4-Methylphenols	8.98	107	385812	45.525	ng	98
22) Acetophenone	8.96	105	557199	41.417	ng	# 97
24) Nitrobenzene	9.23	77	454204	43.295	ng	99
25) Isophorone	9.62	82	796538	42.103	ng	99
26) 2-Nitrophenol	9.74	139	175756	45.737	ng	97
27) 2,4-Dimethylphenol	9.83	122	301246	49.491	ng	95
28) bis(2-Chloroethoxy)methane	9.99	93	454033	38.251	ng	100
29) 2,4-Dichlorophenol	10.13	162	298223	43.048	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	331945	41.024	ng	100
31) Naphthalene	10.39	128	986987	42.219	ng	99
32) Benzoic acid	10.02	122	200919	45.658	ng	98
33) 4-Chloroaniline	10.47	127	226982	22.374	ng	97
34) Hexachlorobutadiene	10.61	225	206605	40.589	ng	98
35) Caprolactam	11.05	113	61120	25.599	ng	98
36) 4-Chloro-3-methylphenol	11.29	107	359602	43.781	ng	99
37) 2-Methylnaphthalene	11.52	142	675964	42.375	ng	97
38) 1-Methylnaphthalene	11.67	142	631292	41.894	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	327949	40.553	ng	98

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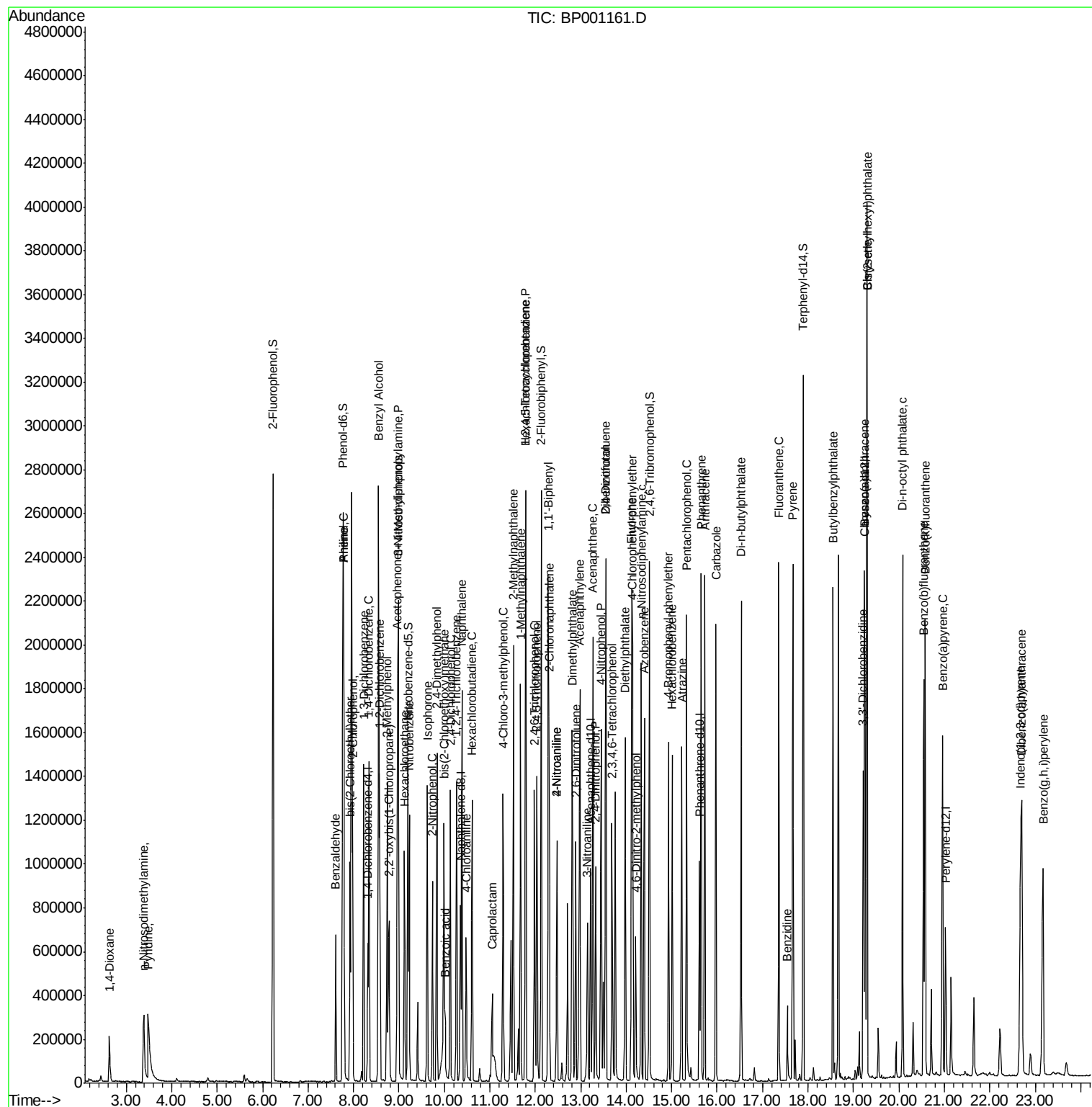
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	299947	80.399	ng	98
43) 2,4,6-Trichlorophenol	11.98	196	220204	41.703	ng	97
44) 2,4,5-Trichlorophenol	12.04	196	237003	43.320	ng	95
46) 1,1'-Biphenyl	12.29	154	815538	41.123	ng	99
47) 2-Chloronaphthalene	12.31	162	633305	39.978	ng	99
48) 2-Nitroaniline	12.47	65	258794	41.684	ng	97
49) Acenaphthylene	12.98	152	1012538	42.642	ng	100
50) Dimethylphthalate	12.81	163	767629	39.997	ng	100
51) 2,6-Dinitrotoluene	12.89	165	168797	41.086	ng	94
52) Acenaphthene	13.27	154	582773	40.800	ng	100
53) 3-Nitroaniline	13.15	138	126509	27.412	ng	98
54) 2,4-Dinitrophenol	13.33	184	133436	79.559	ng	88
55) Dibenzofuran	13.56	168	911433	42.464	ng	98
56) 4-Nitrophenol	13.45	139	289153	88.419	ng	82
57) 2,4-Dinitrotoluene	13.55	165	222887	43.282	ng	# 86
58) Fluorene	14.12	166	718356	41.768	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.69	232	190887	42.446	ng	94
60) Diethylphthalate	13.98	149	785636	39.535	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	356015	40.650	ng	97
62) 4-Nitroaniline	12.47	138	213815	39.961	ng	94
63) Azobenzene	14.40	77	884298	41.168	ng	97
65) 4,6-Dinitro-2-methylphenol	14.21	198	94439	45.784	ng	98
66) n-Nitrosodiphenylamine	14.33	169	624494	42.423	ng	99
67) 4-Bromophenyl-phenylether	14.93	248	211692	40.247	ng	94
68) Hexachlorobenzene	15.02	284	229547	39.697	ng	98
69) Atrazine	15.22	200	216615	48.194	ng	98
70) Pentachlorophenol	15.33	266	275245	91.327	ng	96
71) Phenanthrene	15.65	178	1076373	42.259	ng	99
72) Anthracene	15.73	178	1094942	43.615	ng	100
73) Carbazole	15.97	167	988787	43.284	ng	100
74) Di-n-butylphthalate	16.53	149	1253269	40.803	ng	99
75) Fluoranthene	17.36	202	1182035	43.837	ng	96
77) Benzidine	17.55	184	153797	15.538	ng	99
78) Pyrene	17.67	202	1219725	40.396	ng	99
80) Butylbenzylphthalate	18.55	149	532138	38.156	ng	98
81) Benzo(a)anthracene	19.24	228	1058714	39.831	ng	100
82) 3,3'-Dichlorobenzidine	19.22	252	324980	37.010	ng	97
83) Chrysene	19.29	228	958359	40.265	ng	100
84) Bis(2-ethylhexyl)phthalate	19.30	149	699567	36.484	ng	100
85) Di-n-octyl phthalate	20.08	149	1242651	36.483	ng	99
86) Indeno(1,2,3-cd)pyrene	22.67	276	1053311	37.550	ng	98
88) Benzo(b)fluoranthene	20.54	252	991384	48.984	ng	99
89) Benzo(k)fluoranthene	20.58	252	938780	48.159	ng	98
90) Benzo(a)pyrene	20.96	252	876056	46.993	ng	98
91) Dibenzo(a,h)anthracene	22.70	278	883940	48.452	ng	98
92) Benzo(g,h,i)perylene	23.17	276	886961	49.236	ng	98

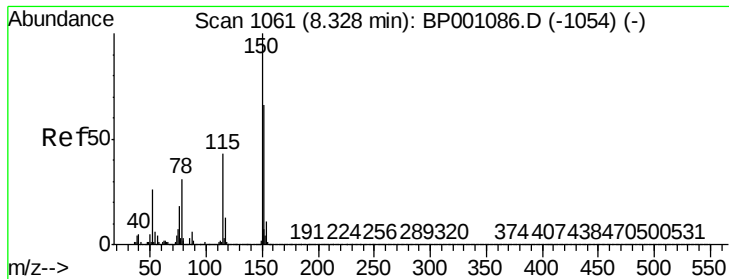
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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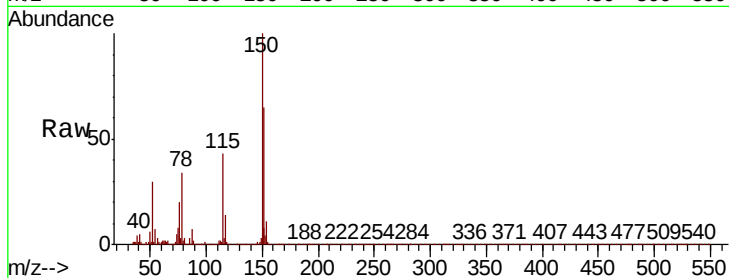




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.32 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	120.6	181.0
115	65.5	51.6	77.4

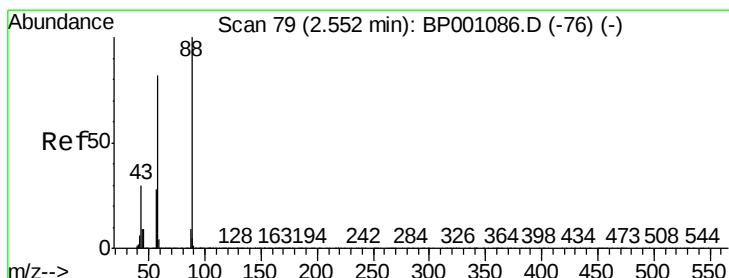
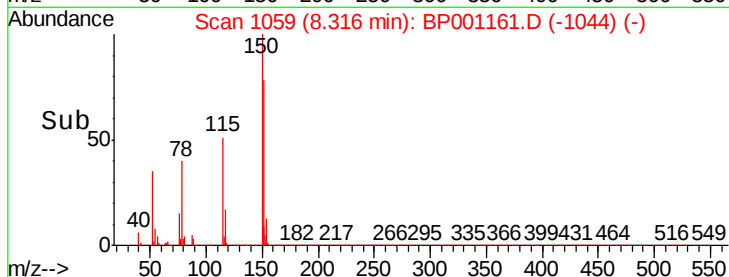
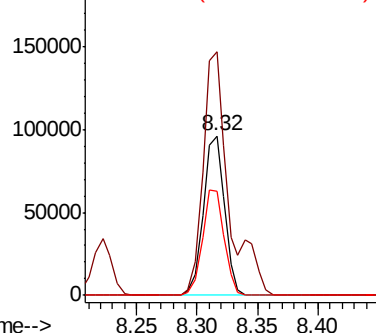


Abundance

Ion 152.00 (151.70 to 152.70): E

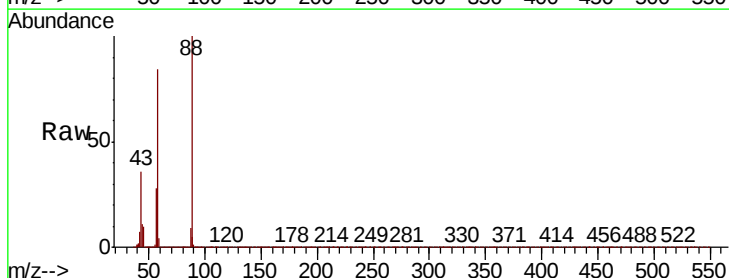
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 36.118 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.08 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	64.3	96.5
43	34.7	23.8	35.6

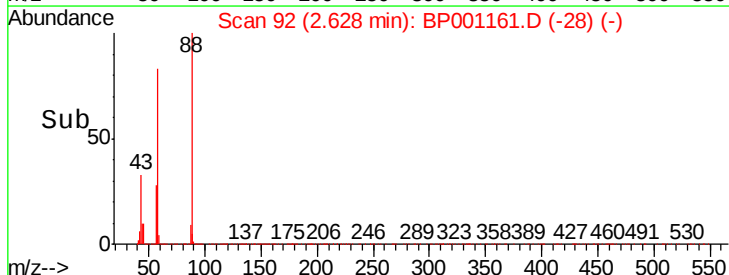
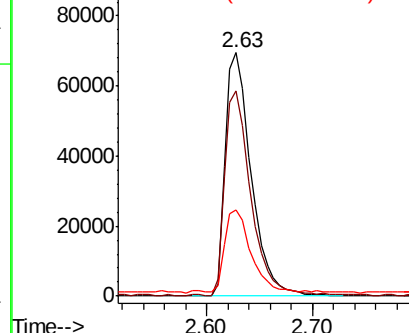


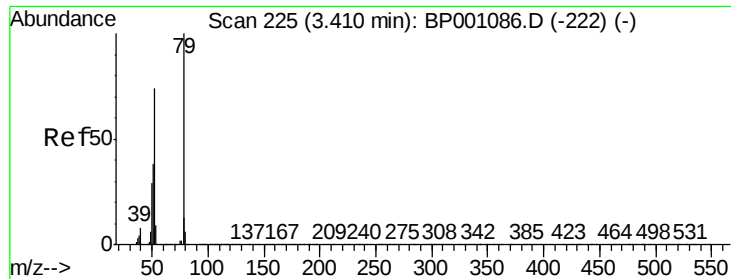
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

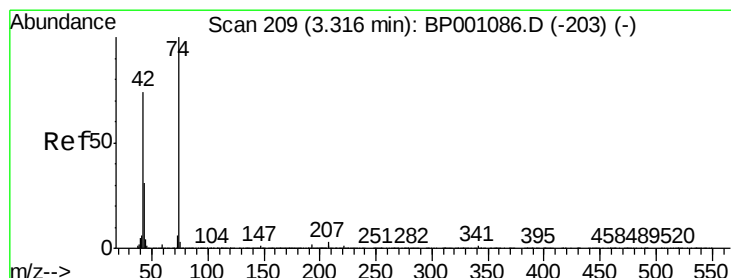
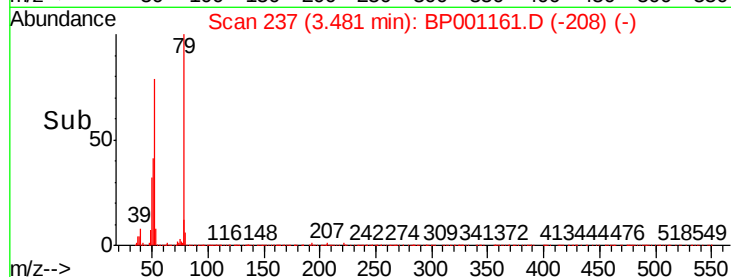
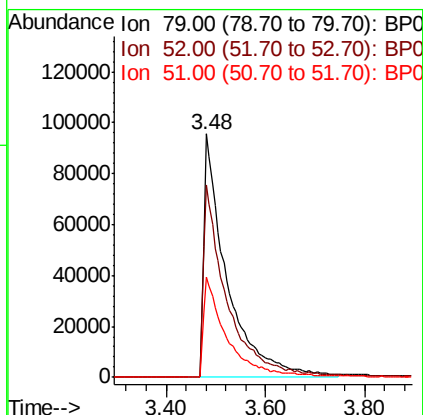
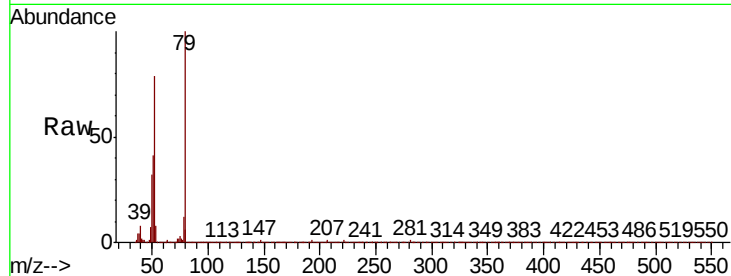




#3
 Pvridine
 Concen: 33.390 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.07 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

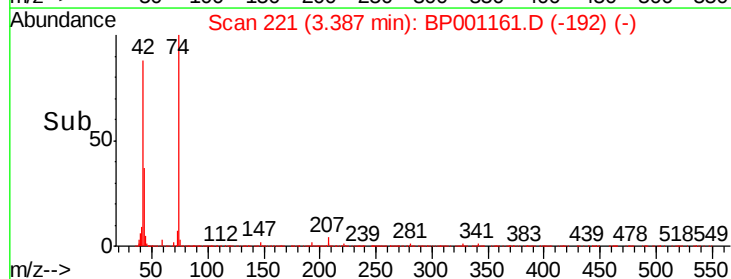
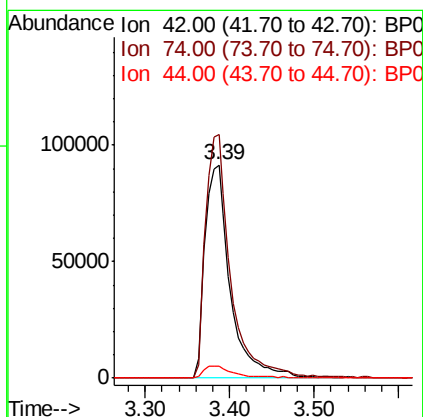
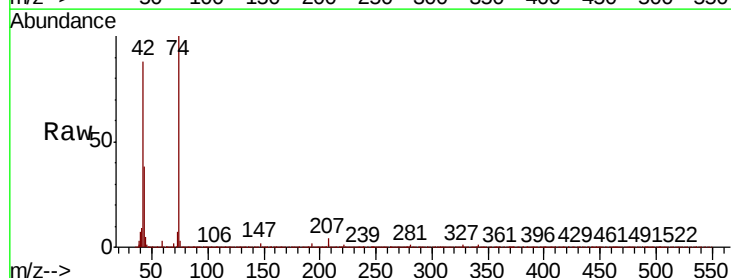
Instrument :
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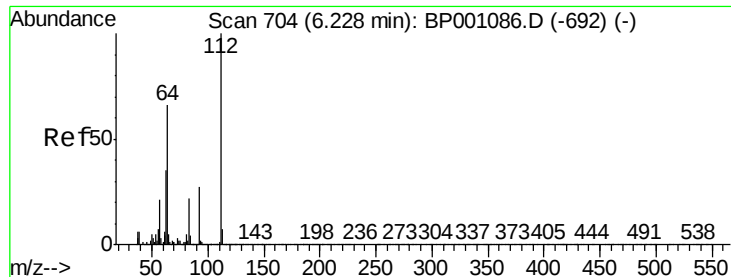
Tot Ion: 79 Resp: 306571
 Ion Ratio Lower Upper
 79 100
 52 79.0 59.4 89.2
 51 41.1 30.2 45.4



#4
 n-Nitrosodimethylamine
 Concen: 48.460 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.07 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion: 42 Resp: 192533
 Ion Ratio Lower Upper
 42 100
 74 114.1 108.6 163.0
 44 5.5 5.1 7.7





#5

2-Fluorophenol

Concen: 130.929 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

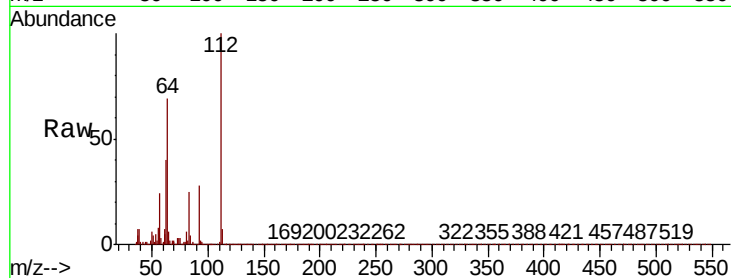
Tot Ion: 112 Resp: 927469

Ion Ratio Lower Upper

112 100

64 68.8 52.8 79.2

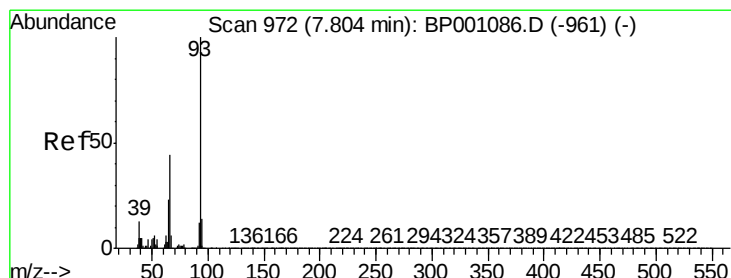
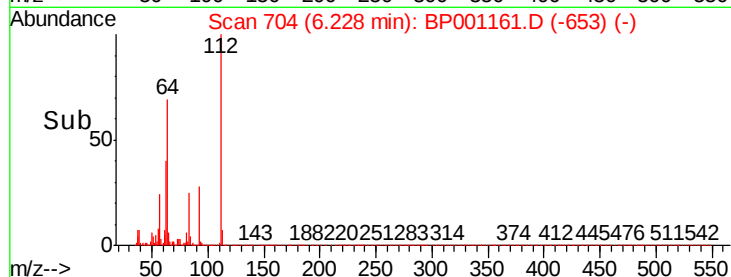
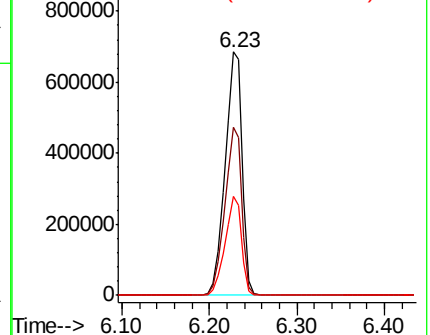
63 40.4 28.2 42.2



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: 27.954 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

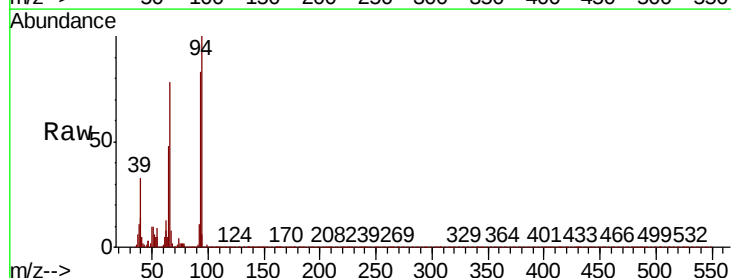
Tgt Ion: 93 Resp: 349774

Ion Ratio Lower Upper

93 100

66 93.6 34.9 52.3#

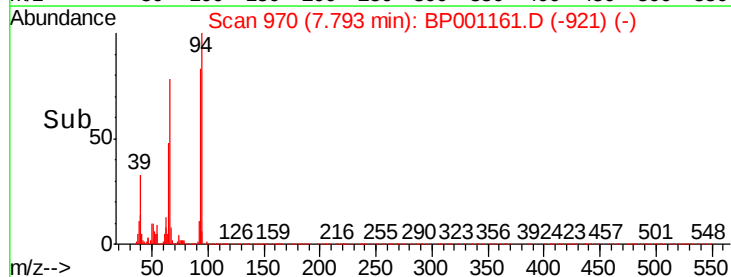
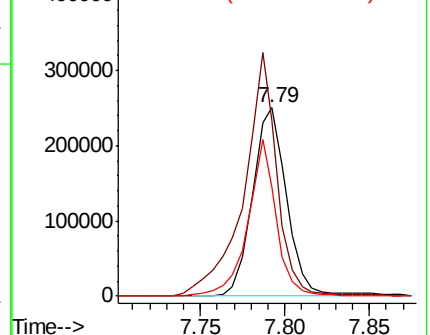
65 58.2 18.5 27.7#



Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 129.005 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

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ClientSampleId :

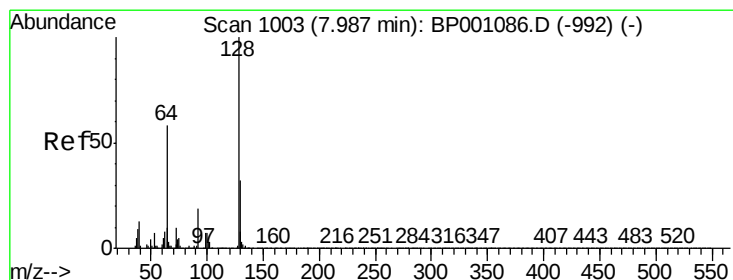
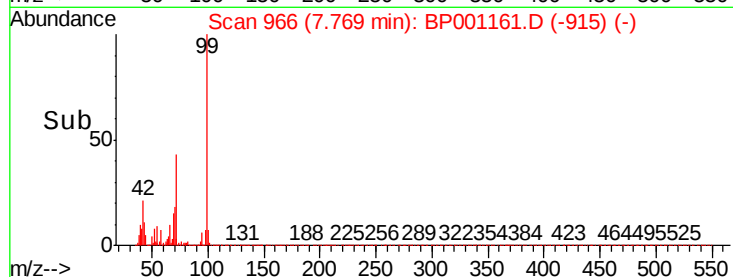
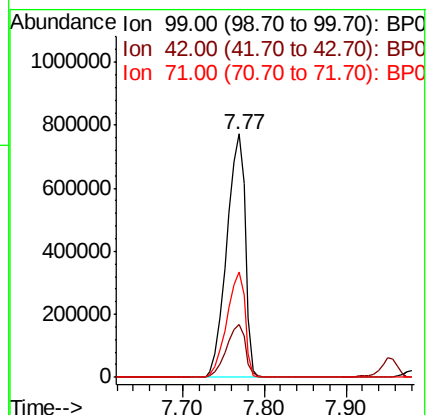
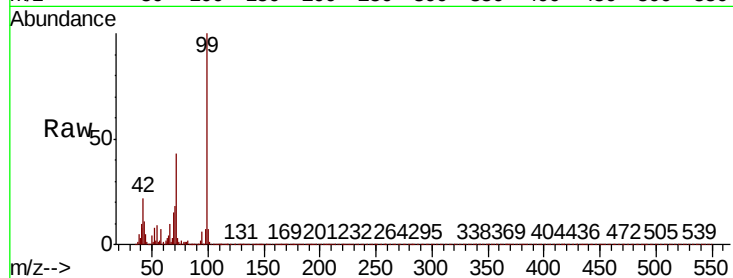
Tot Ion: 99 Resp: 1217454

Ion Ratio Lower Upper

99 100

42 21.5 15.4 23.0

71 43.4 30.8 46.2



#8

2-Chlorophenol

Concen: 46.531 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

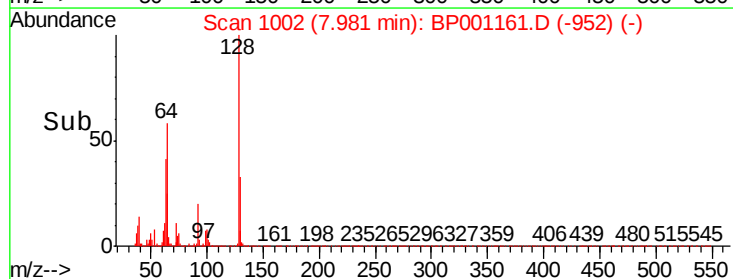
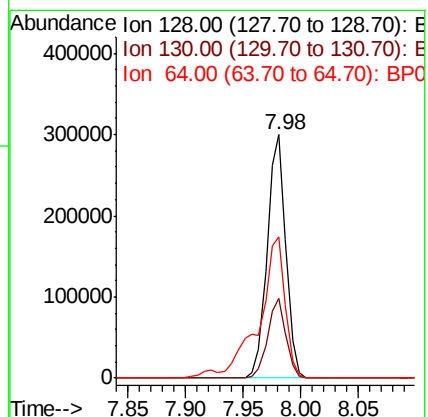
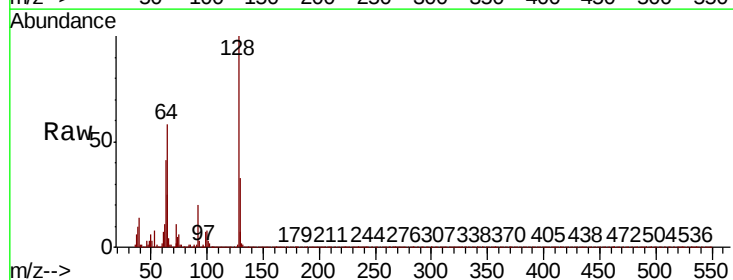
Tgt Ion: 128 Resp: 341028

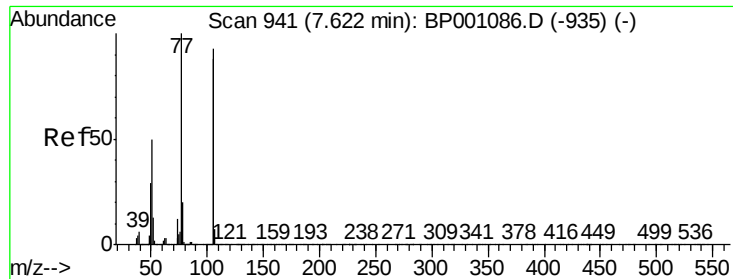
Ion Ratio Lower Upper

128 100

130 32.7 11.7 51.7

64 57.9 39.7 79.7





#9

Benzaldehyde

Concen: 27.692 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampled :

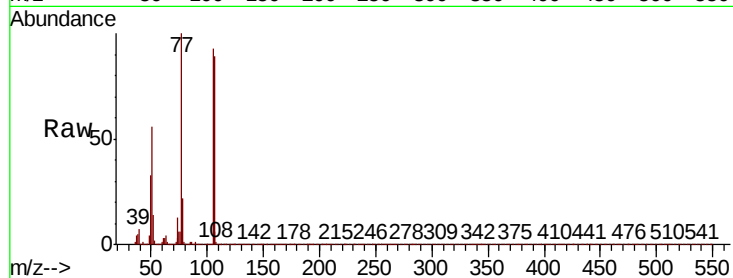
Tot Ion: 77 Resp: 165350

Ion Ratio Lower Upper

77 100

105 93.4 72.5 112.5

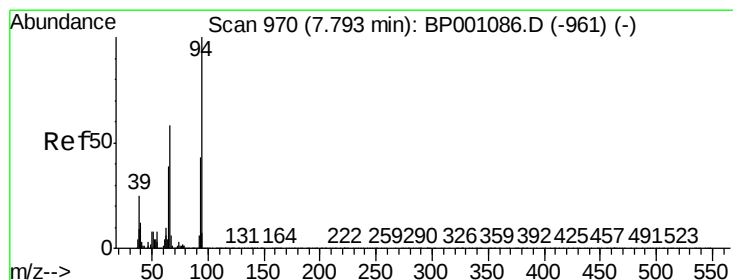
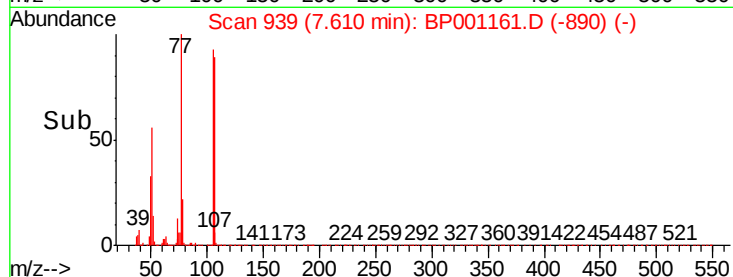
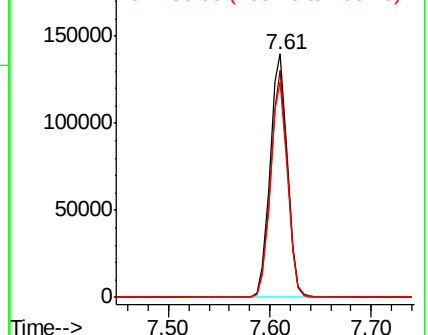
106 88.6 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.667 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

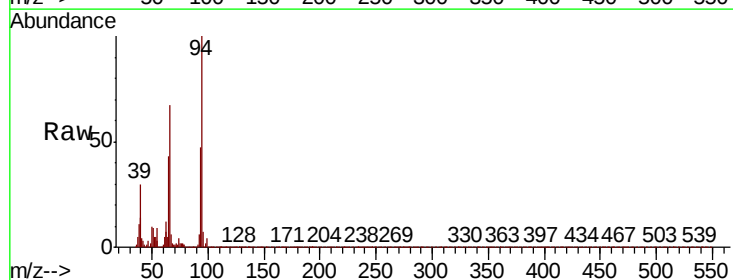
Tgt Ion: 94 Resp: 479482

Ion Ratio Lower Upper

94 100

65 42.9 18.6 58.6

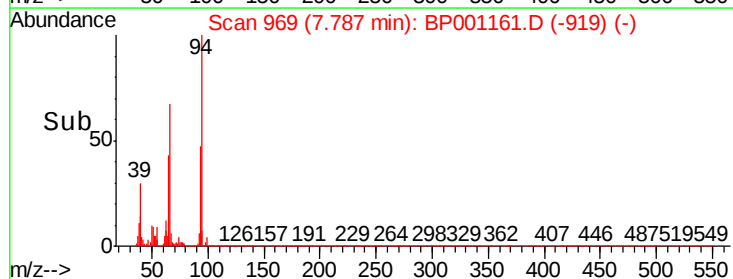
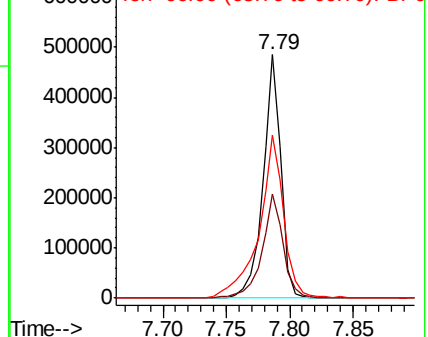
66 66.7 37.6 77.6

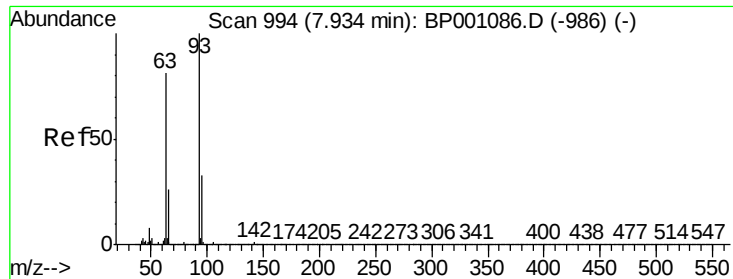


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

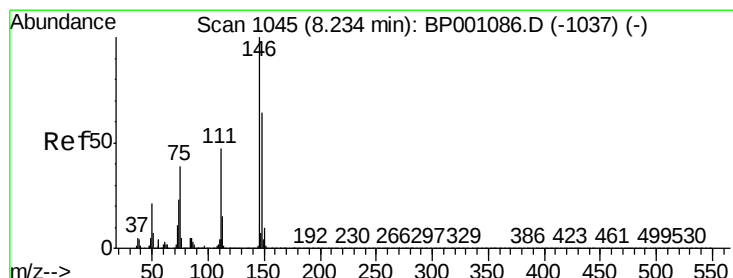
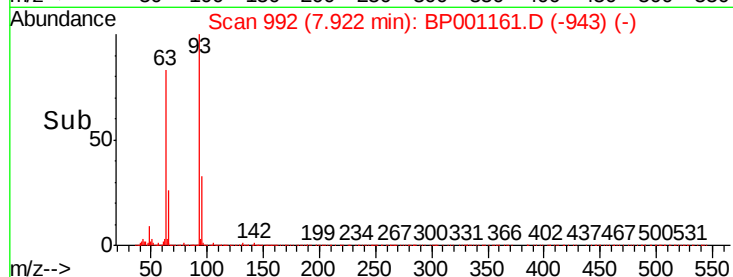
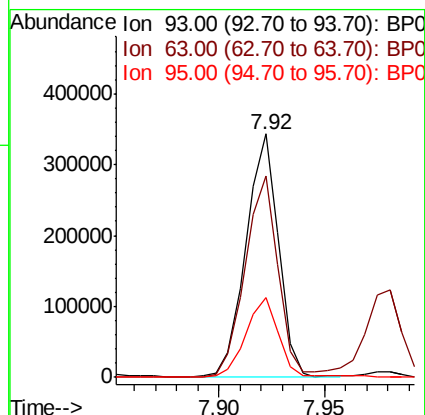
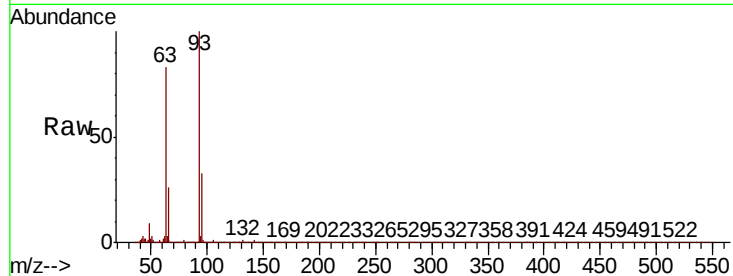




#11
bis(2-Chloroethyl)ether
Concen: 43.603 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

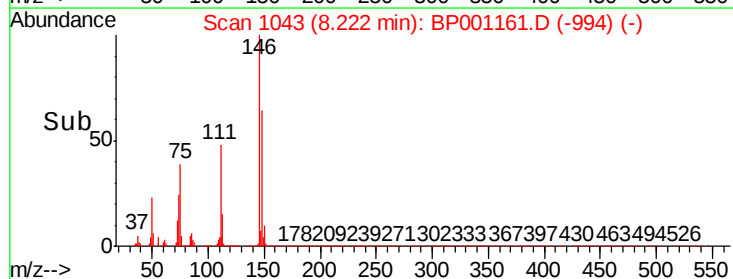
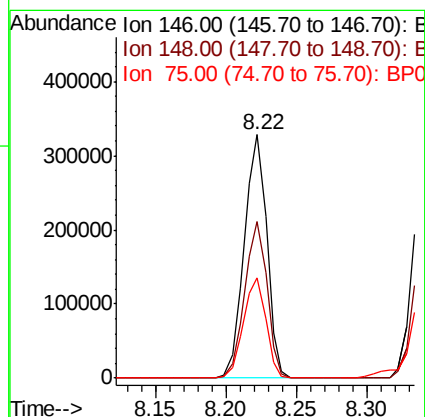
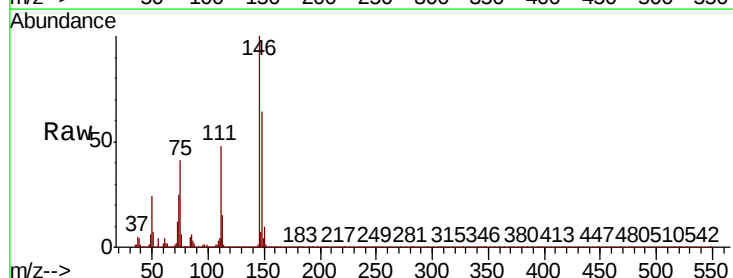
Instrument :
BNA_P
ClientSampleId :

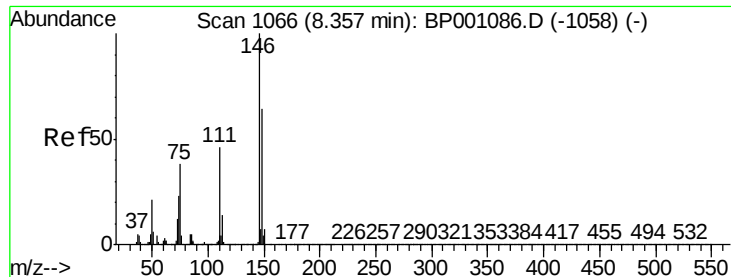
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	60.7	100.7
95	32.6	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.222 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
75	41.4	31.3	46.9

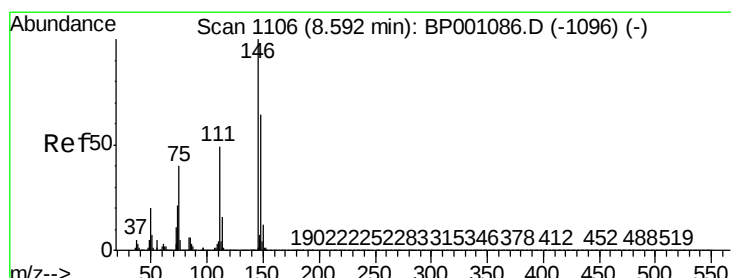
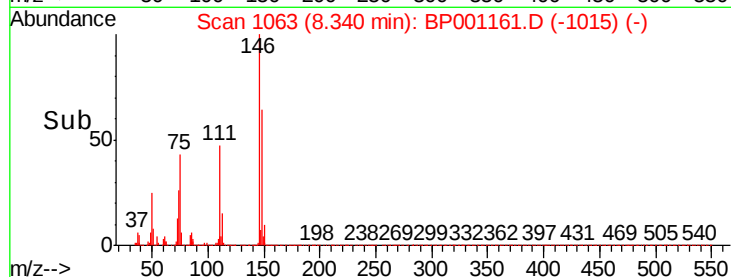
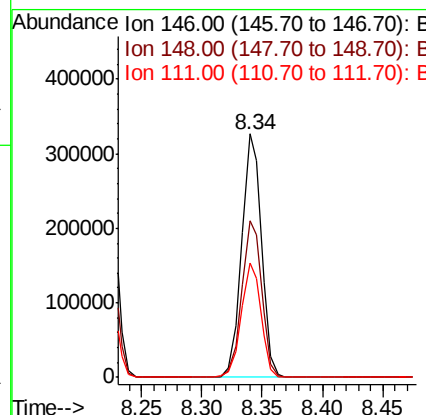
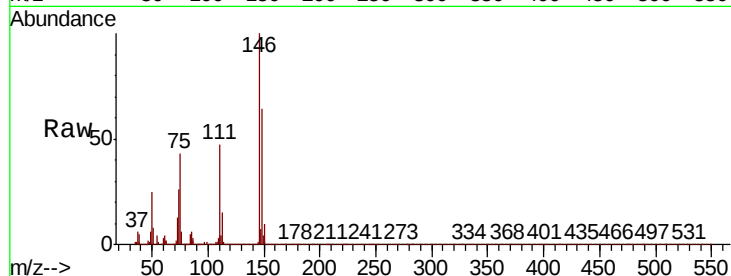




#13
1,4-Dichlorobenzene
Concen: 42.490 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

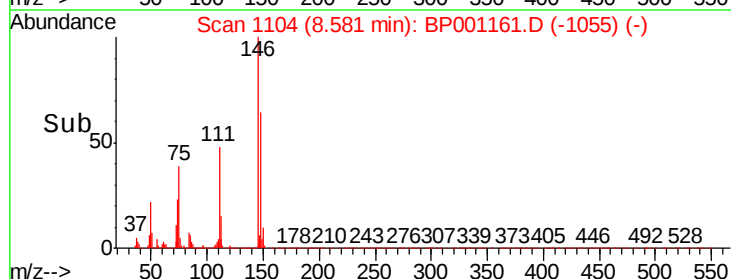
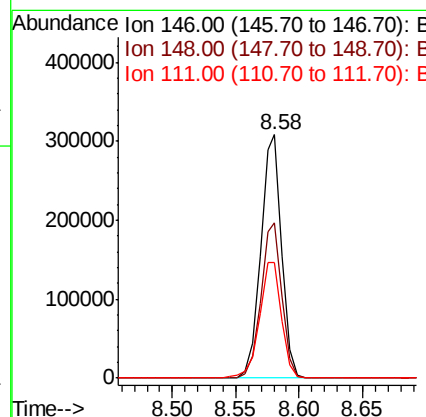
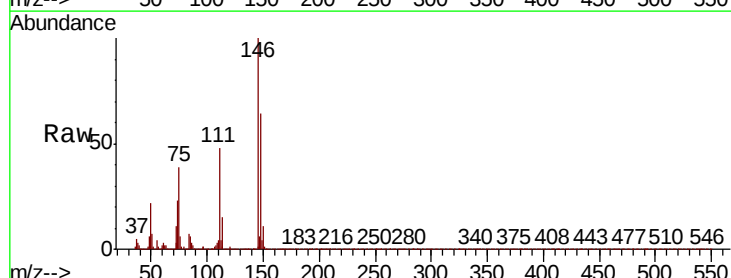
Instrument :
BNA_P
ClientSampleId :

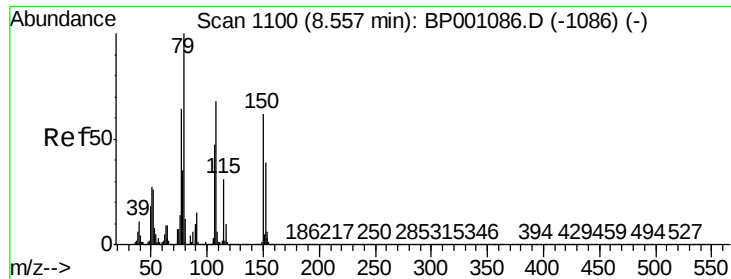
Tot Ion:146 Resp: 371828
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
111 47.1 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 42.843 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:146 Resp: 352847
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 47.7 39.3 58.9

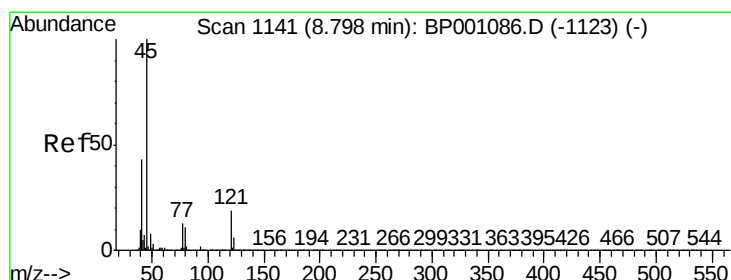
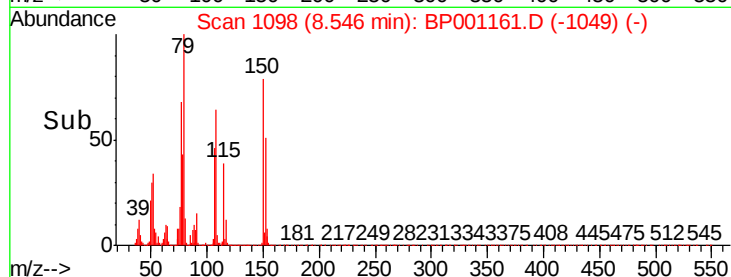
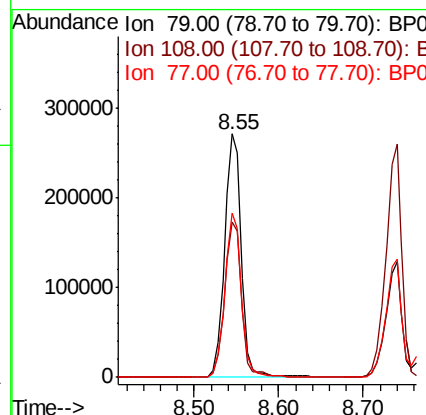
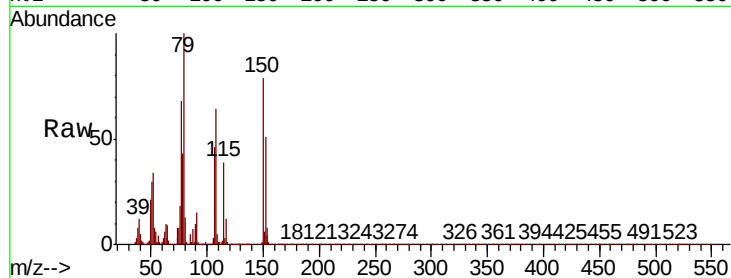




#15
Benzyl Alcohol
Concen: 48.298 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

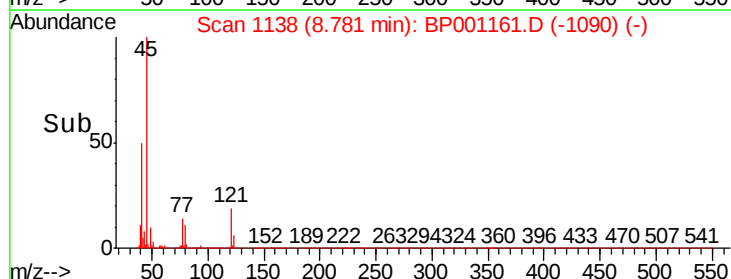
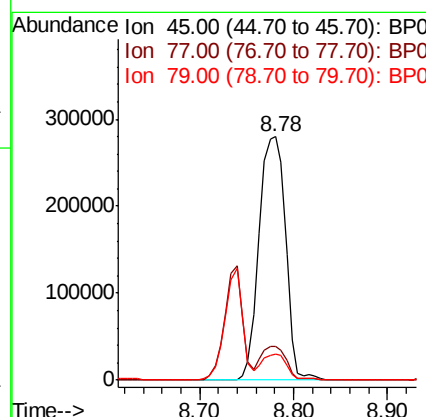
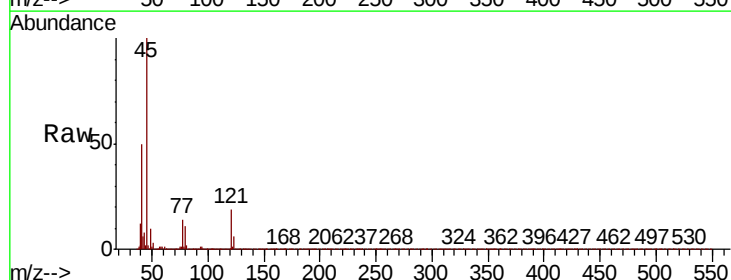
Instrument :
BNA_P
ClientSampleId :

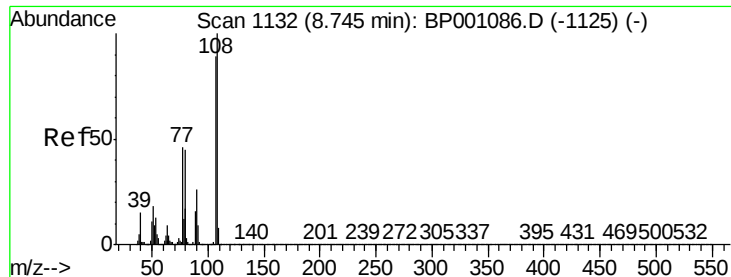
Tot Ion	Ratio	Lower	Upper
79	100		
108	63.5	54.8	82.2
77	67.7	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.657 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.3
79	10.8	0.0	30.9

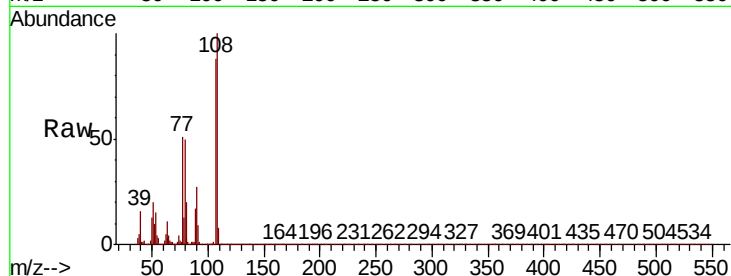




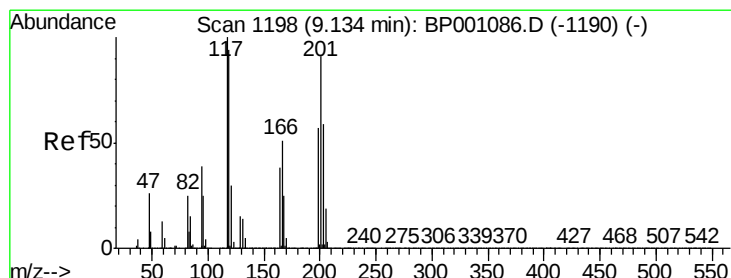
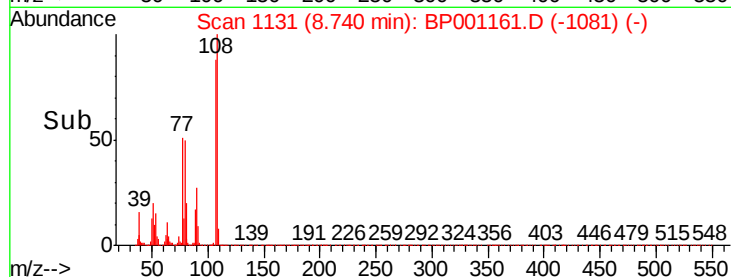
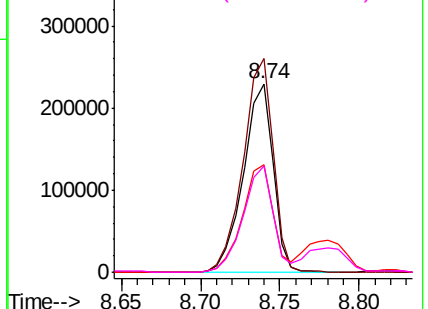
#17
2-Methylphenol
Concen: 44.478 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	299023
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.6
77	57.3	41.4	62.2
79	56.1	40.6	61.0

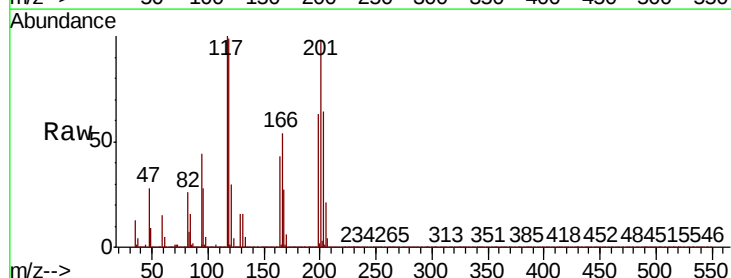


Abundance Ion 107.00 (106.70 to 107.70): E
400000 Ion 108.00 (107.70 to 108.70): E
300000 Ion 77.00 (76.70 to 77.70): BP0
200000 Ion 79.00 (78.70 to 79.70): BP0
100000
0

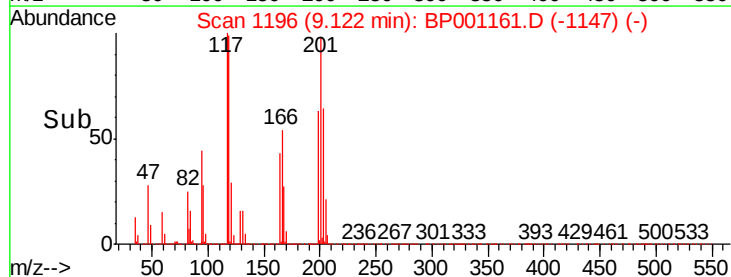
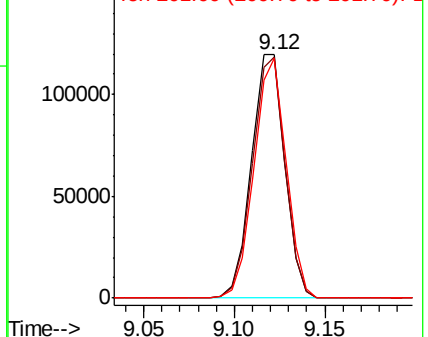


#18
Hexachloroethane
Concen: 42.422 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:	117	Resp:	153570
Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.2	112.8
201	98.4	72.5	108.7



Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 119.00 (118.70 to 119.70): E
100000 Ion 201.00 (200.70 to 201.70): E
50000
0

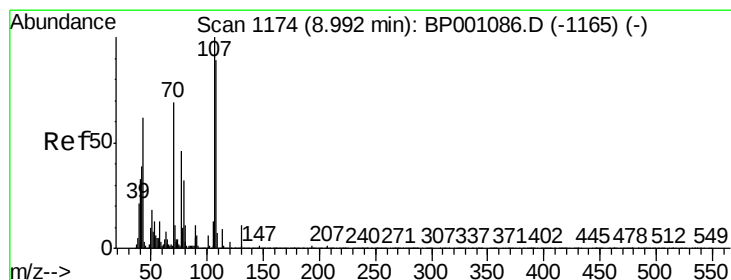
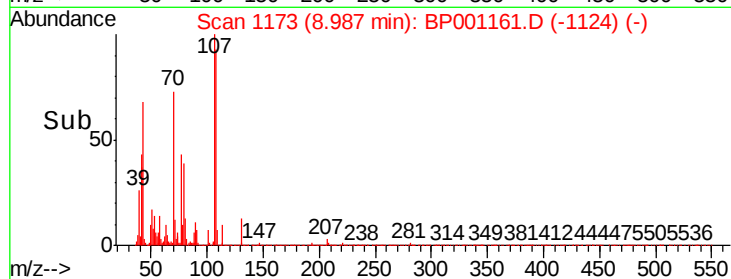
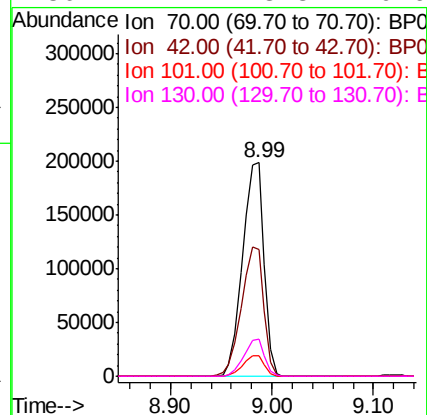
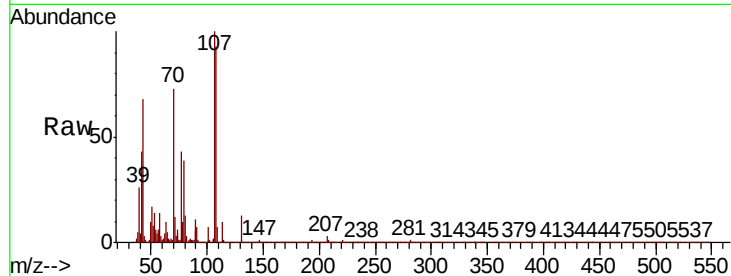




#19
n-Nitroso-di-n-propylamine
Concen: 42.761 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

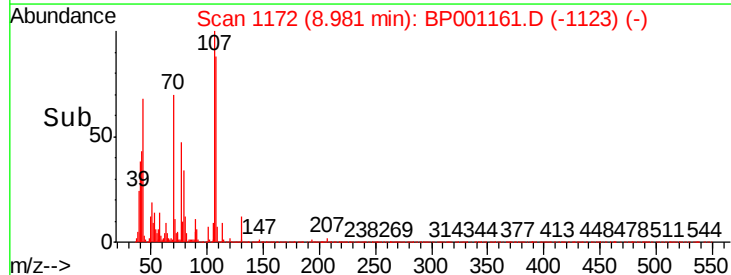
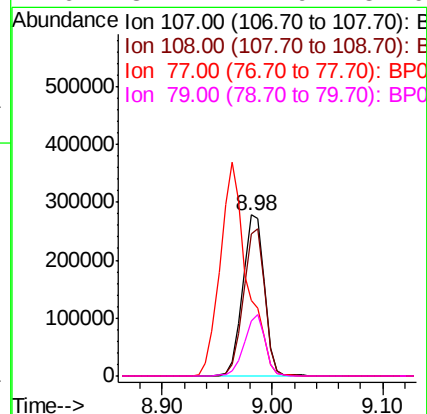
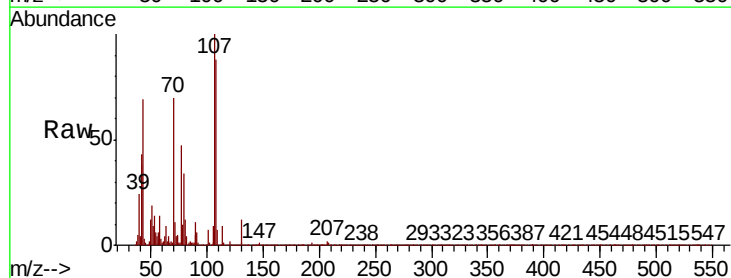
Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	291193
Ion	Ratio	Lower	Upper
70	100		
42	59.4	44.6	66.8
101	9.8	7.1	10.7
130	17.2	13.8	20.6



#20
3+4-Methylphenols
Concen: 45.525 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:	107	Resp:	385812
Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.9	108.9
77	46.9	25.9	65.9
79	34.1	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampled :

Tot Ion:136 Resp: 457733

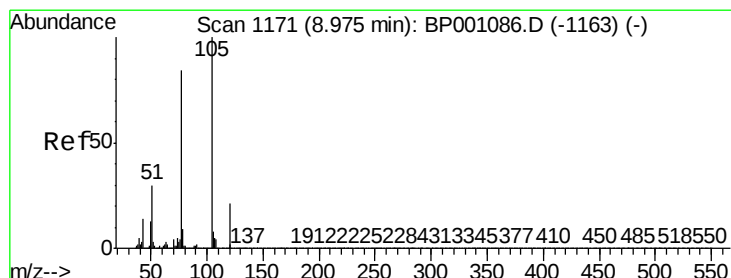
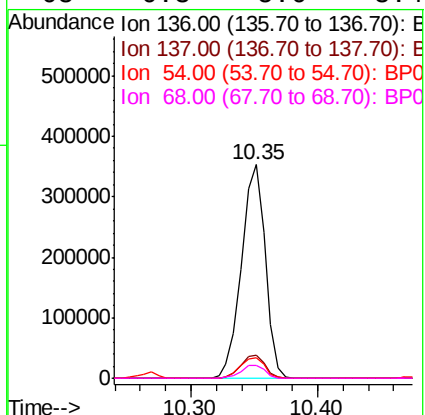
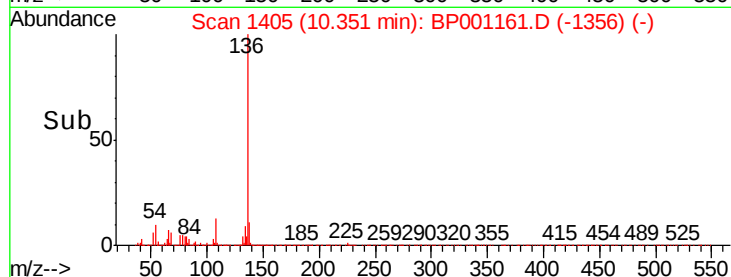
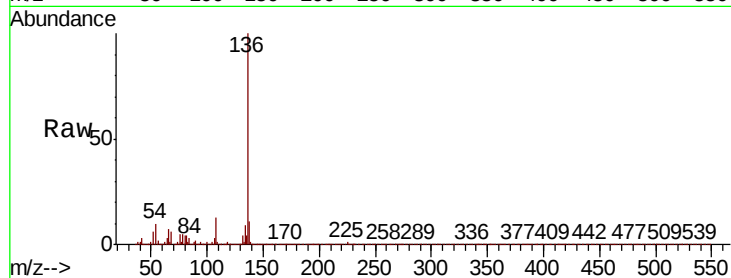
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.8 7.9 11.9

68 6.3 5.6 8.4



#22

Acetophenone

Concen: 41.417 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:105 Resp: 557199

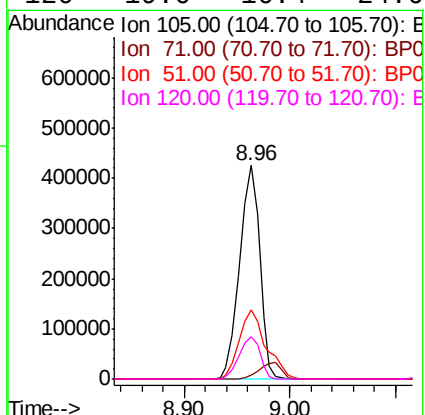
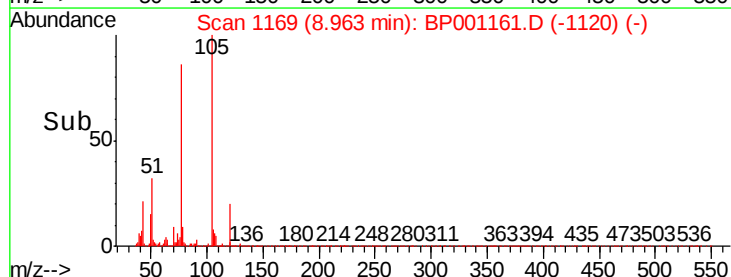
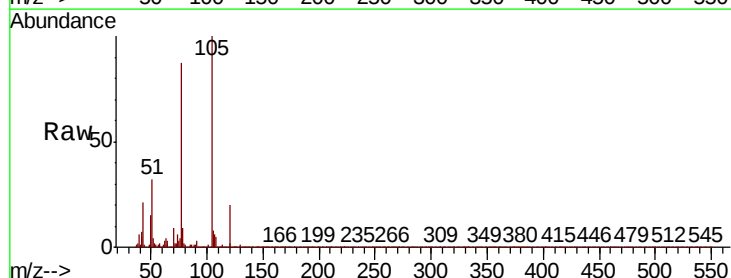
Ion Ratio Lower Upper

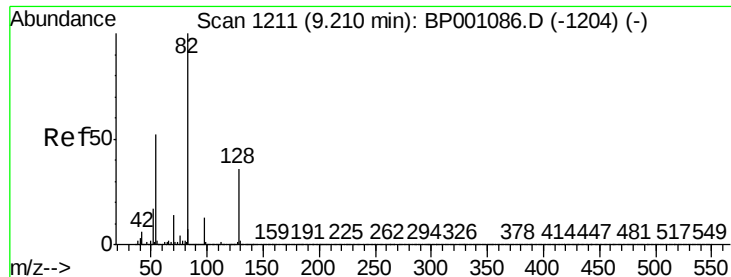
105 100

71 1.5 0.5 0.7#

51 32.4 24.2 36.4

120 19.6 16.4 24.6

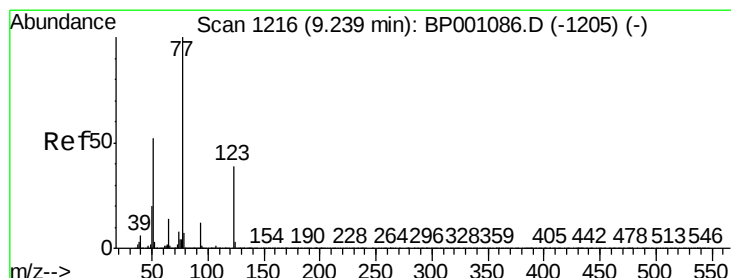
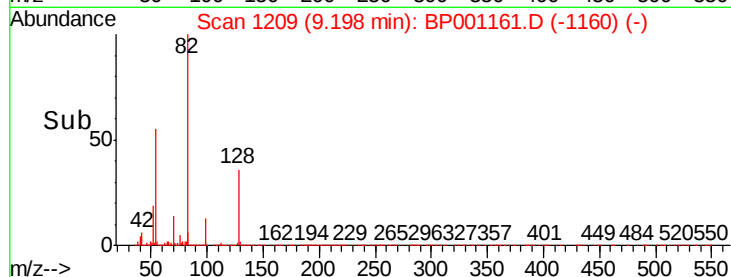
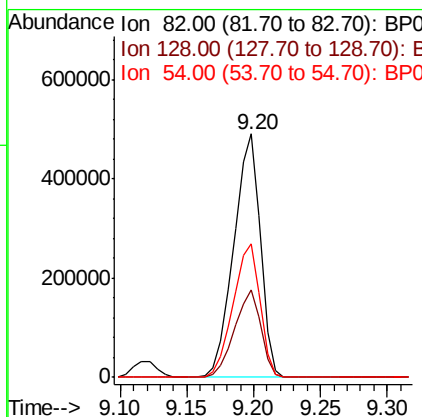
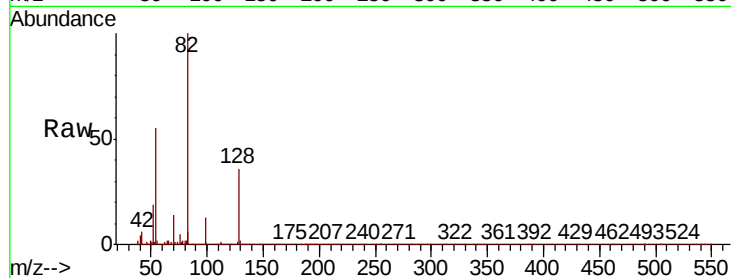




#23
 Nitrobenzene-d5
 Concen: 64.733 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

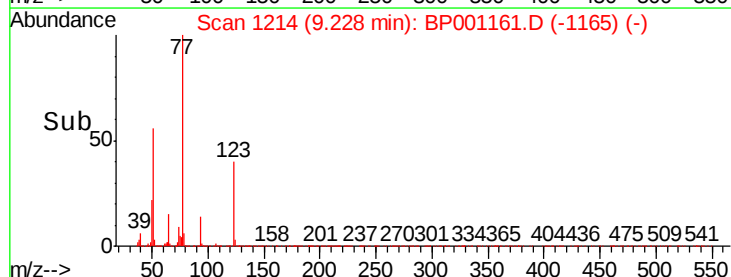
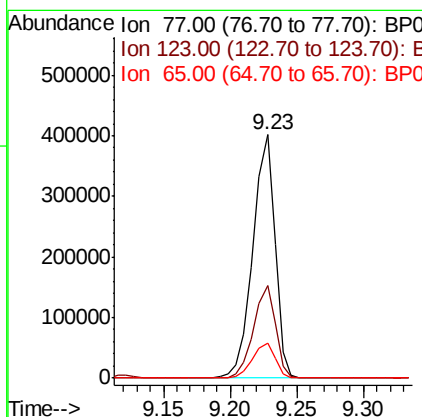
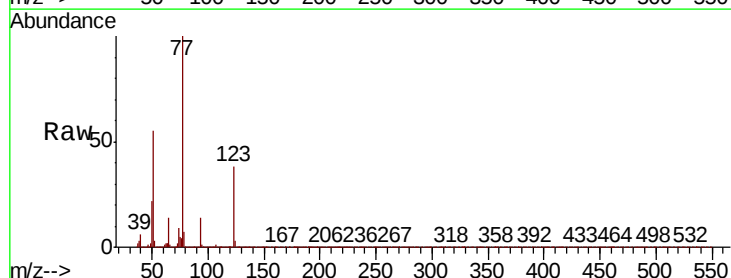
Instrument :
 BNA_P
 ClientSampleId :

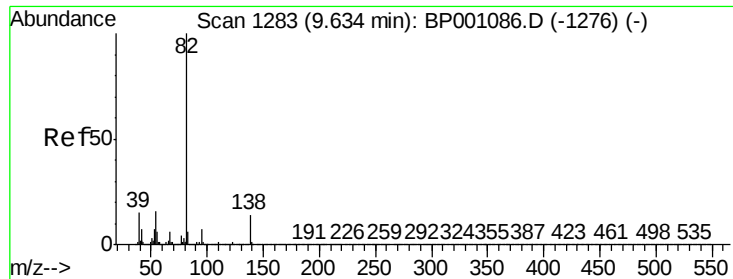
Tot Ion	82	Resp	682949
Ion Ratio	Lower	Upper	
82	100		
128	35.9	28.9	43.3
54	54.6	41.9	62.9



#24
 Nitrobenzene
 Concen: 43.295 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion	77	Resp	454204
Ion Ratio	Lower	Upper	
77	100		
123	38.2	31.0	46.4
65	14.3	11.0	16.6





#25

Isophorone

Concen: 42.103 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

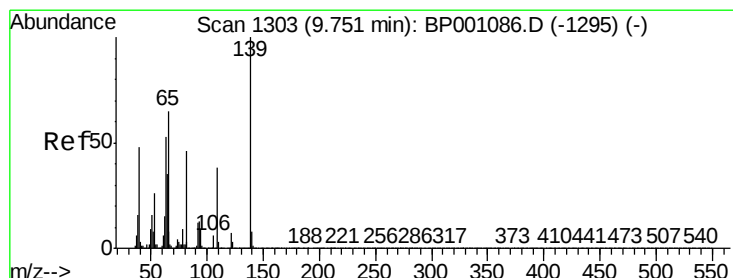
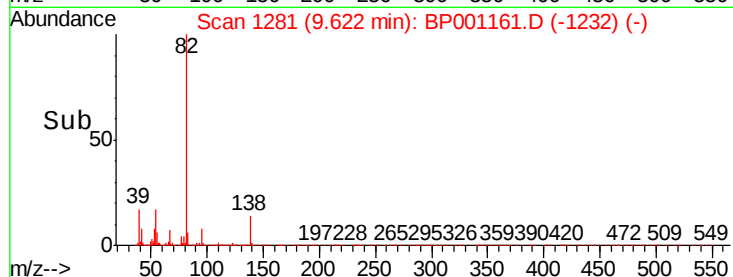
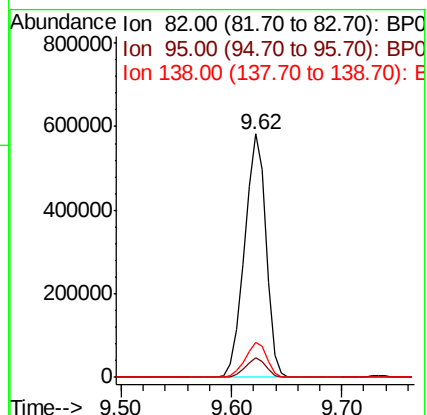
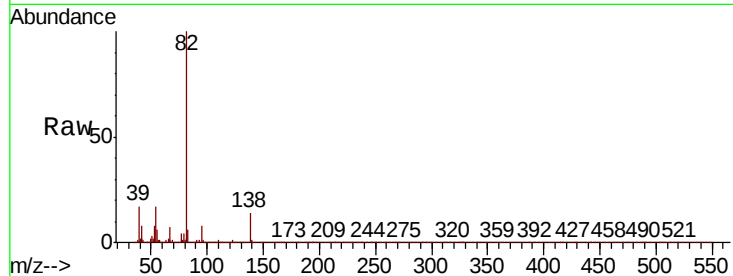
Tot Ion: 82 Resp: 796538

Ion Ratio Lower Upper

82 100

95 7.9 5.7 8.5

138 14.2 11.3 16.9



#26

2-Nitrophenol

Concen: 45.737 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

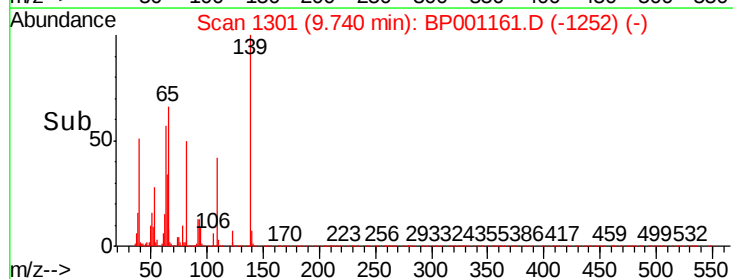
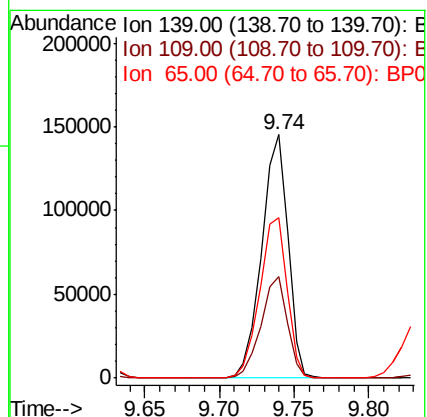
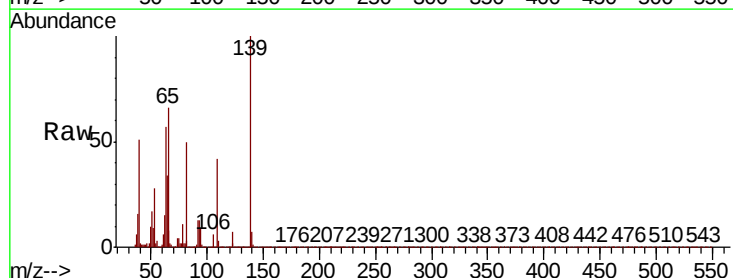
Tgt Ion: 139 Resp: 175756

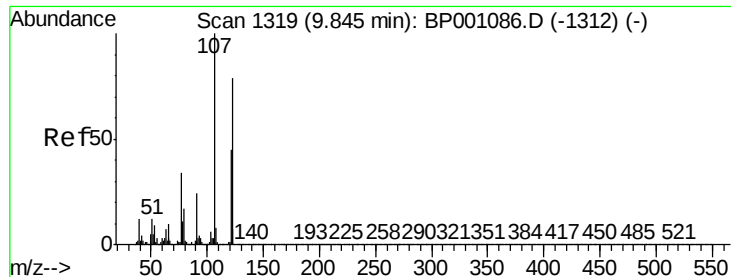
Ion Ratio Lower Upper

139 100

109 41.7 30.6 45.8

65 65.9 51.8 77.8

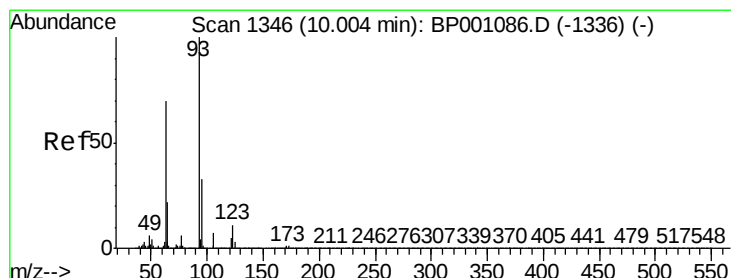
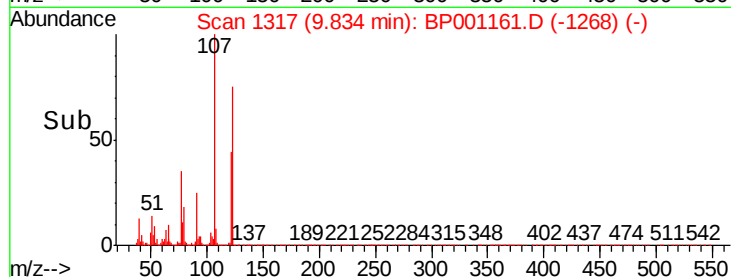
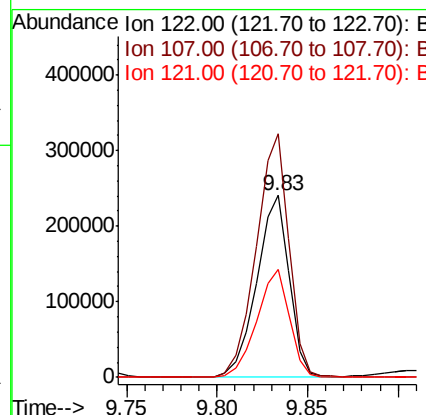
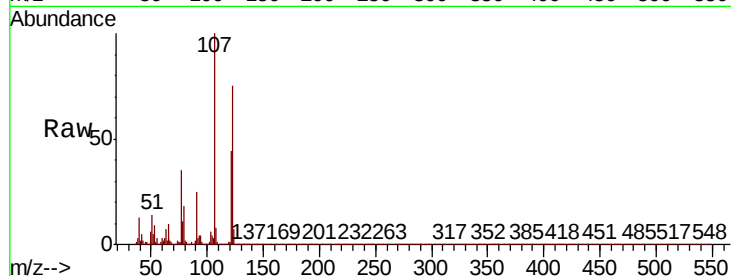




#27
2,4-Dimethylphenol
Concen: 49.491 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

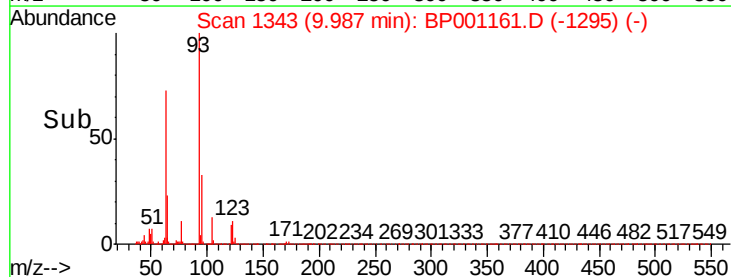
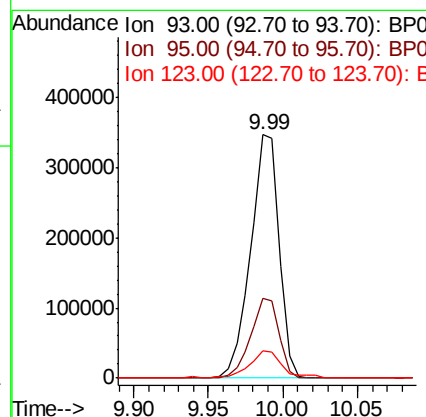
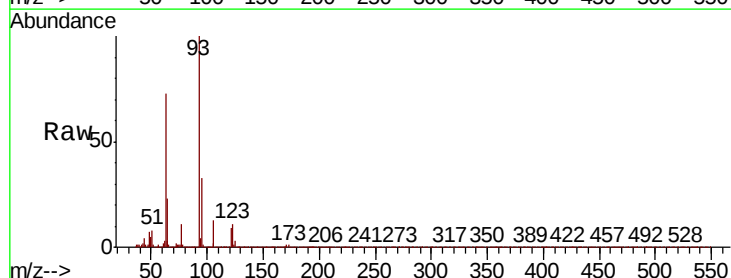
Instrument :
BNA_P
ClientSampleId :

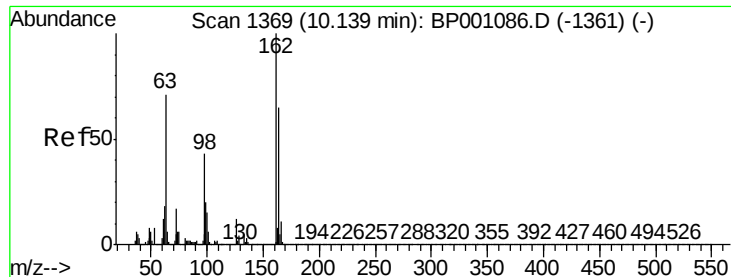
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.8	101.9	152.9
121	59.4	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.251 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.0	8.9	13.3

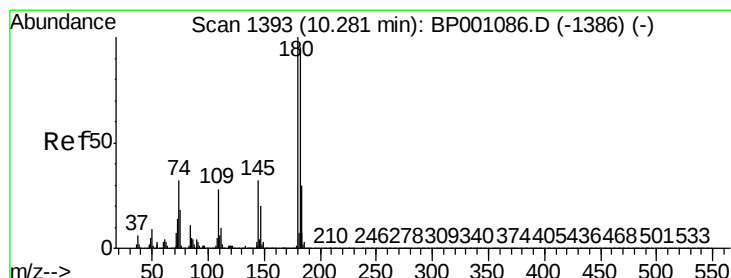
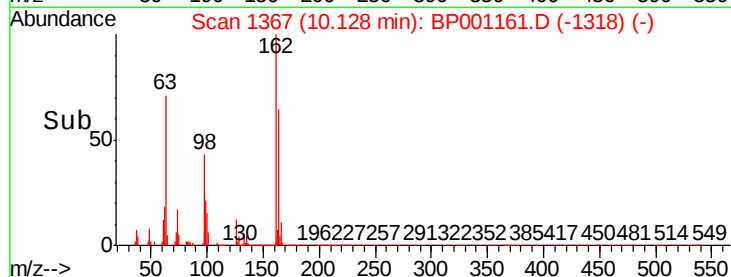
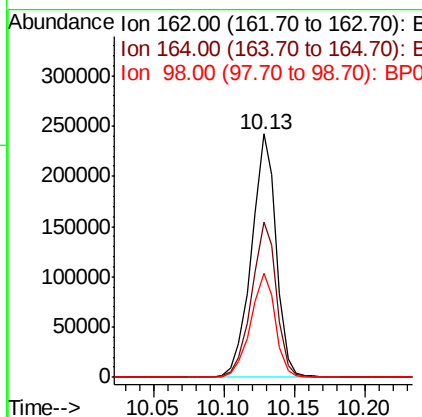
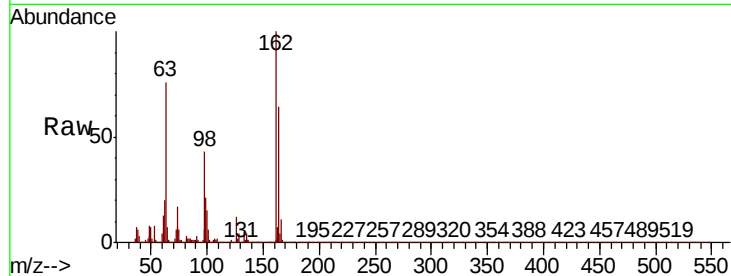




#29
2,4-Dichlorophenol
Concen: 43.048 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

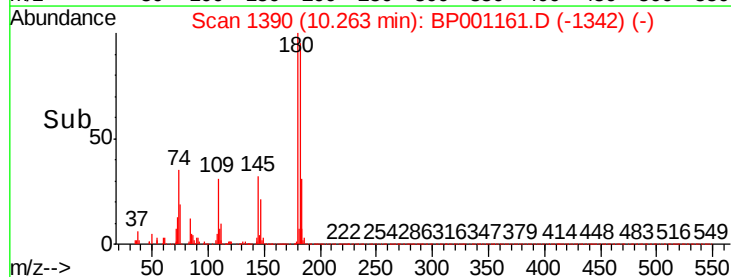
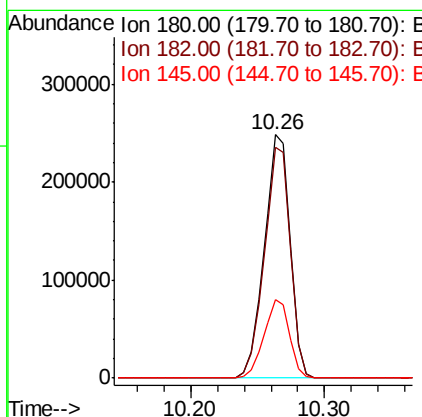
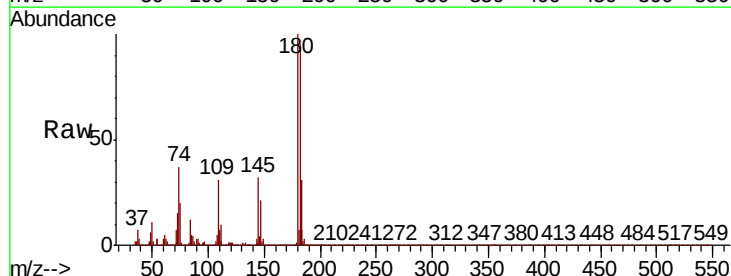
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.1	85.1
98	42.9	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 41.024 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.3	114.5
145	32.1	25.4	38.2

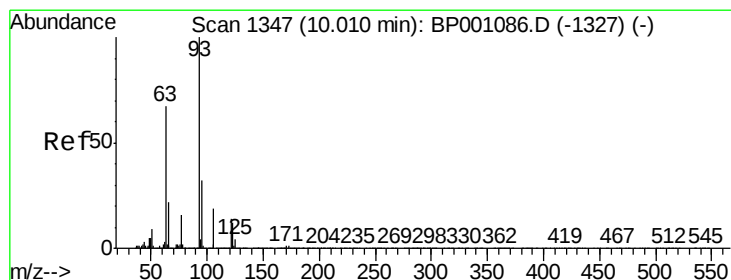
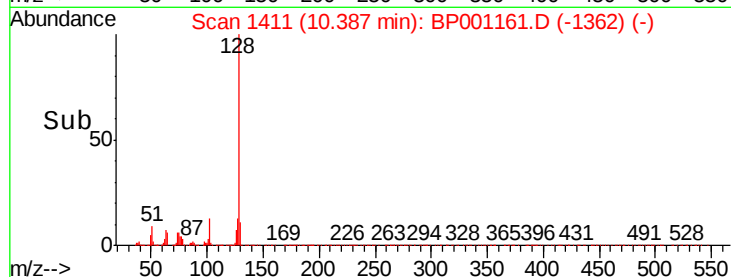
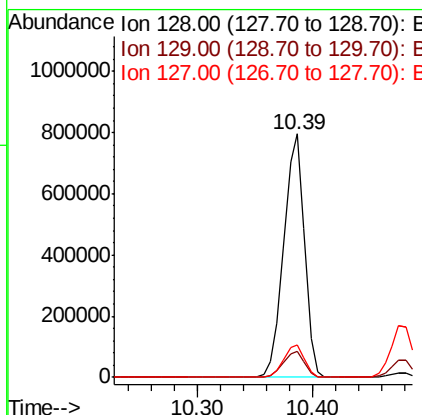
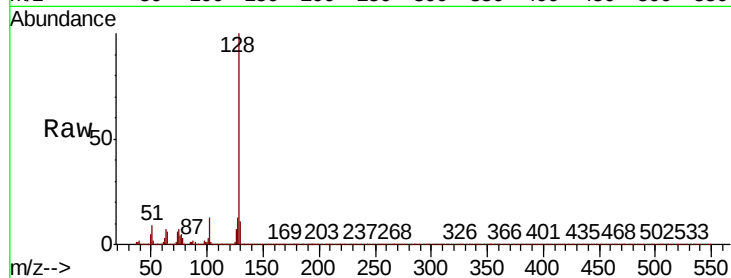




#31
Naphthalene
Concen: 42.219 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

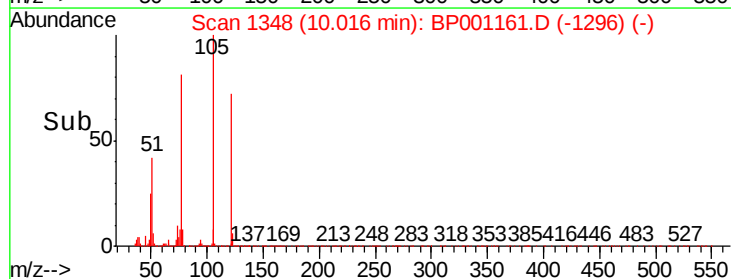
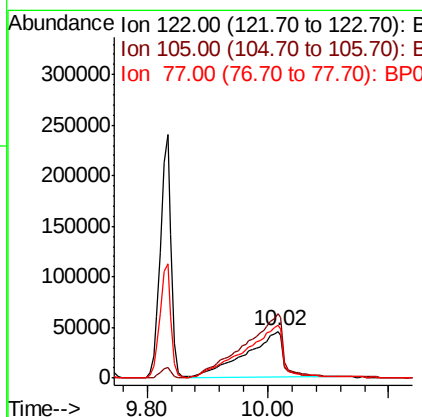
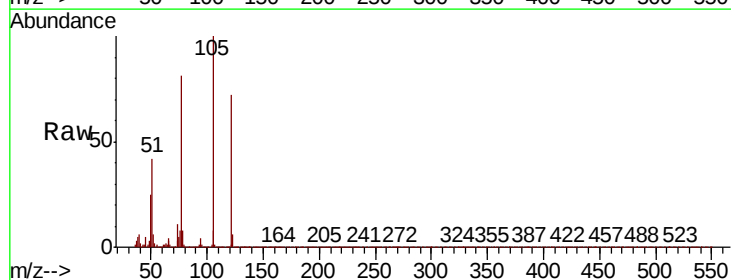
Instrument :
BNA_P
ClientSampleId :

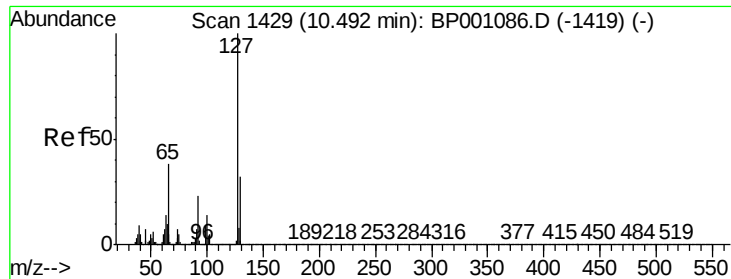
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.3	10.6	16.0



#32
Benzoic acid
Concen: 45.658 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.6	116.8	156.8
77	113.7	95.0	135.0

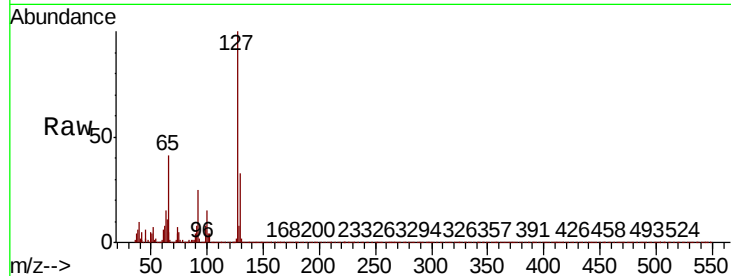




#33
4-Chloroaniline
Concen: 22.374 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	226982
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	41.1	30.6	46.0
92	25.3	18.5	27.7



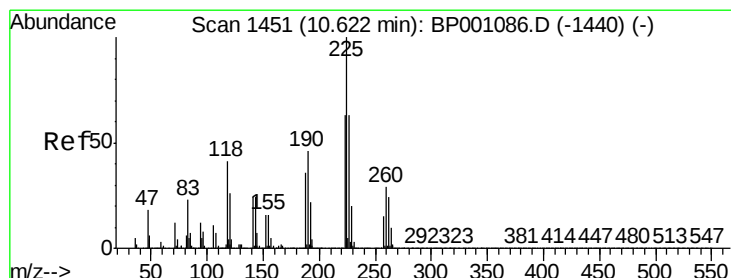
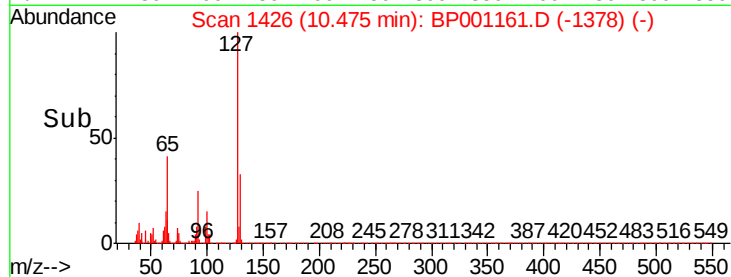
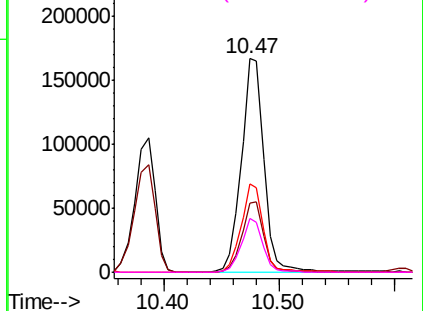
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

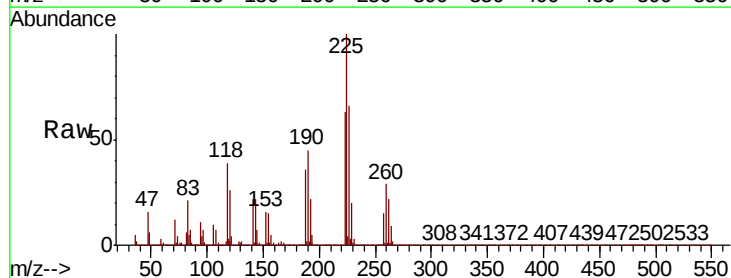
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 40.589 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:	225	Resp:	206605
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	65.7	50.0	75.0

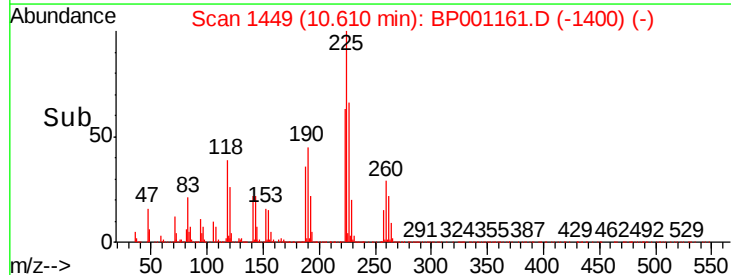
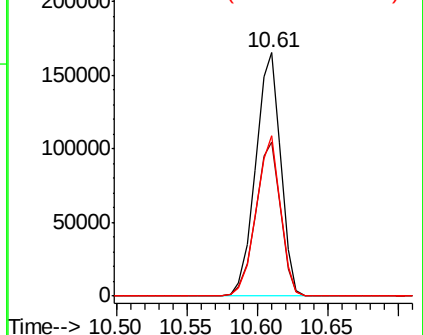


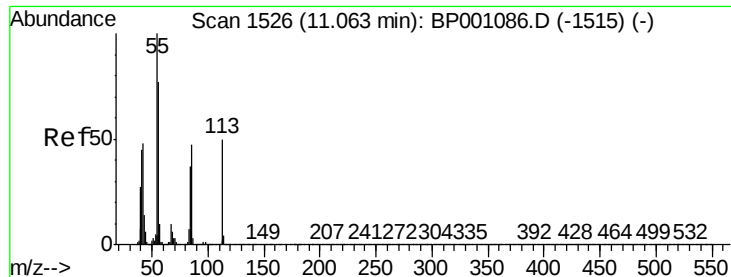
Abundance

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: 25.599 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

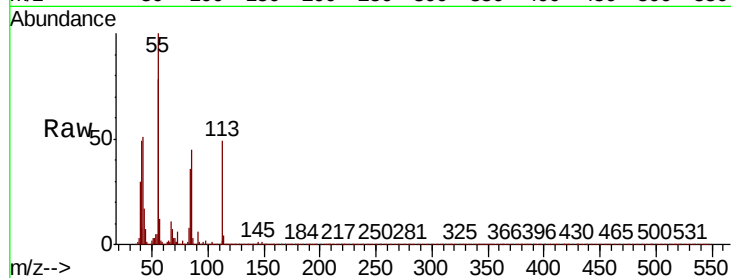
Tot Ion:113 Resp: 61120

Ion Ratio Lower Upper

113 100

55 203.5 181.2 221.2

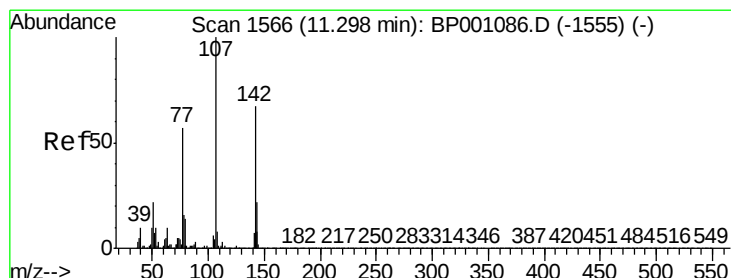
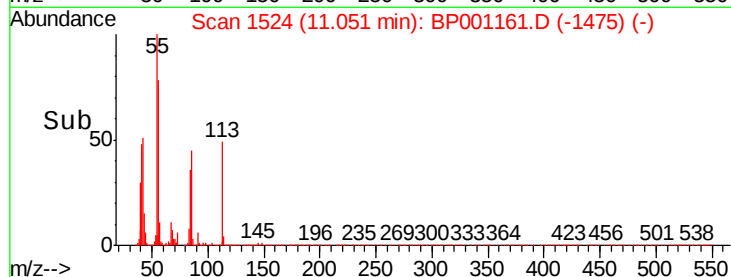
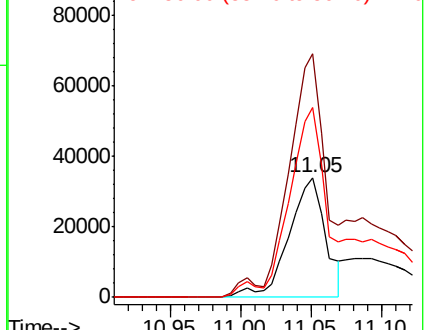
56 158.2 134.7 174.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 43.781 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

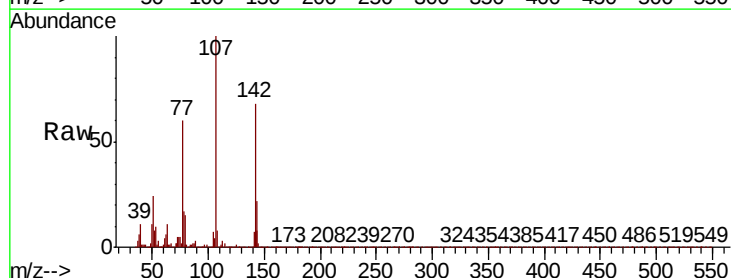
Tgt Ion:107 Resp: 359602

Ion Ratio Lower Upper

107 100

144 22.3 17.5 26.3

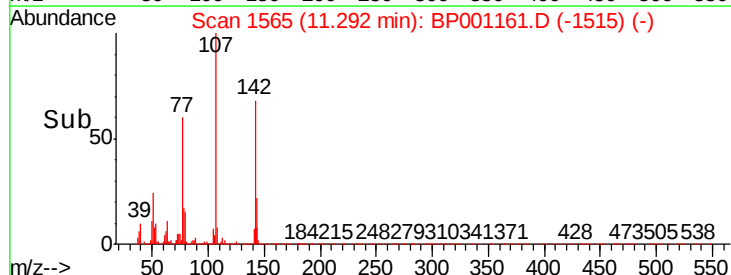
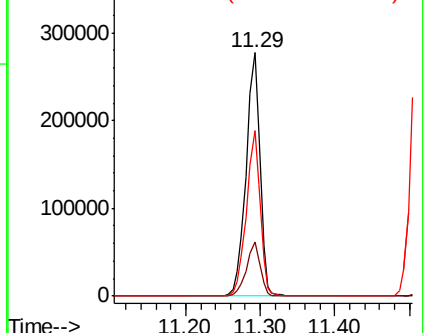
142 67.9 53.3 79.9

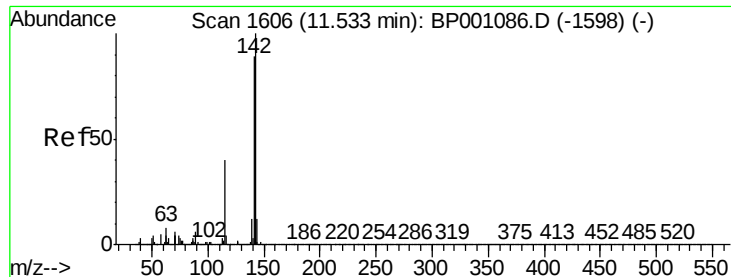


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.375 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

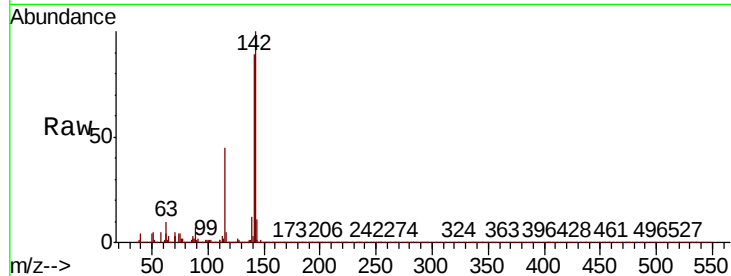
Tot Ion:142 Resp: 675964

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7

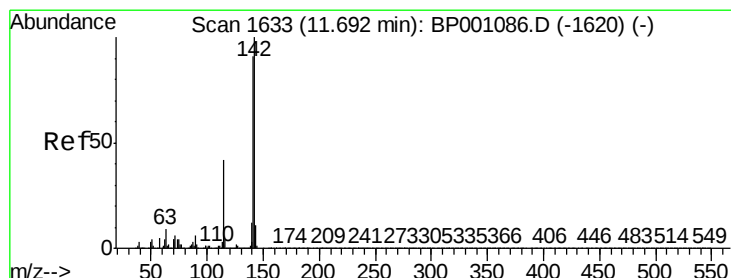
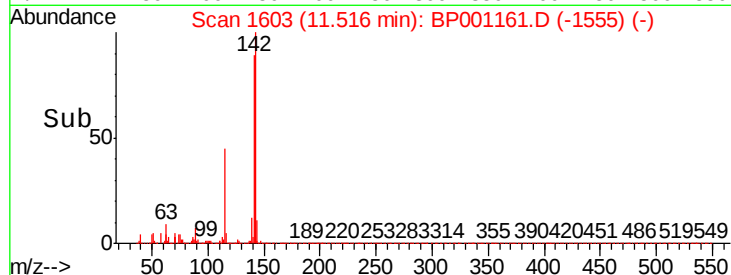
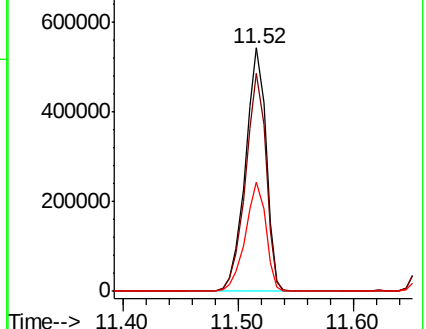
115 44.8 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.894 ng

RT: 11.67 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

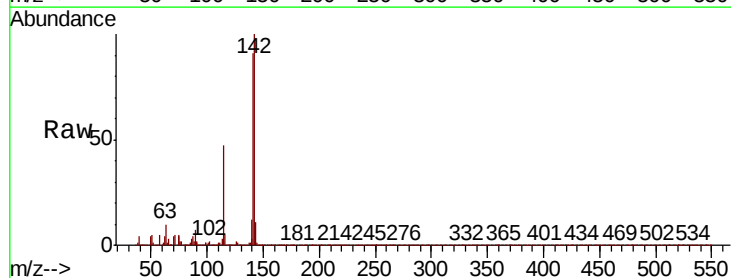
Tgt Ion:142 Resp: 631292

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4

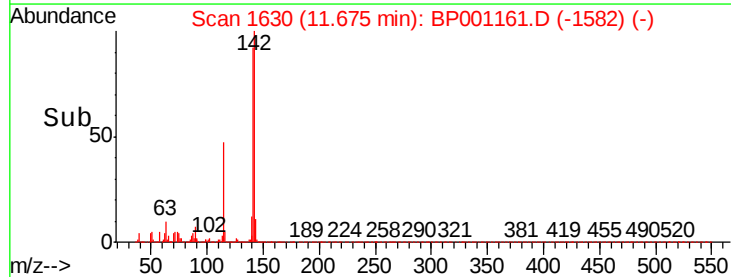
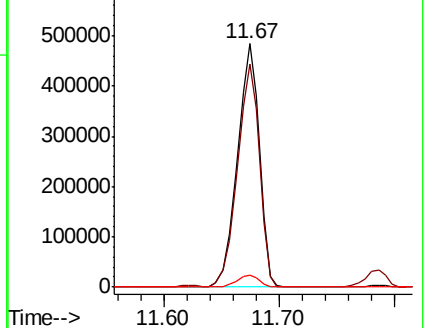
116 4.8 3.4 5.2

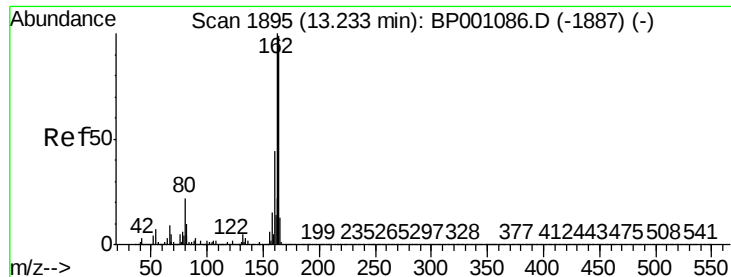


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.22 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

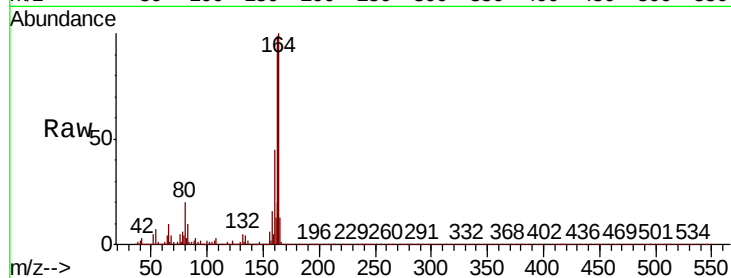
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 256611

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	44.6	35.4	53.2

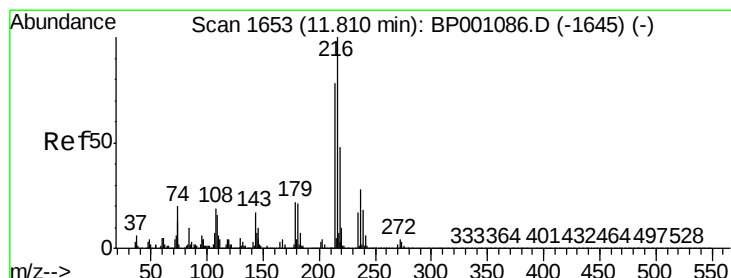
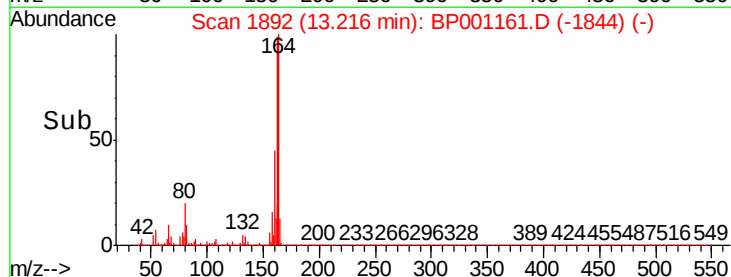
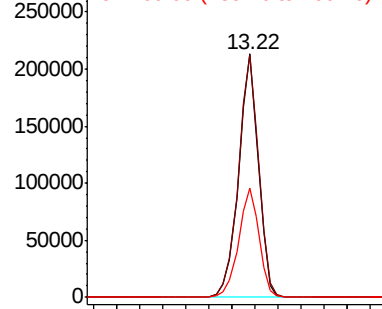


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.553 ng

RT: 11.79 min Scan# 1650

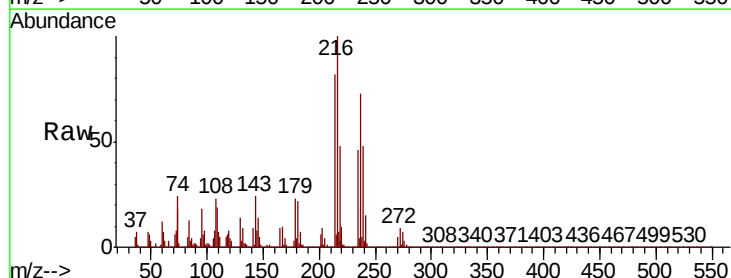
Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:216 Resp: 327949

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.8	94.2
179	22.9	17.6	26.4
108	24.3	17.7	26.5



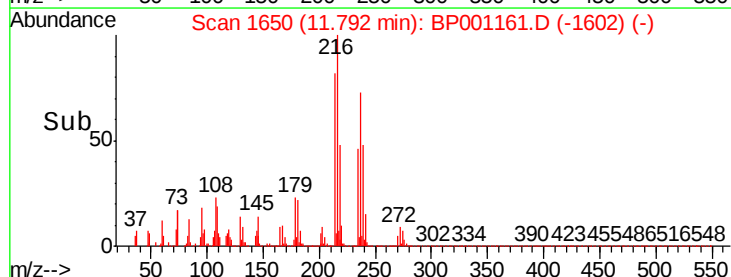
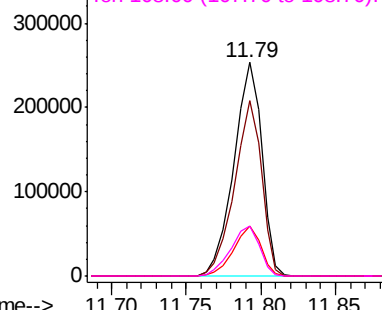
Abundance

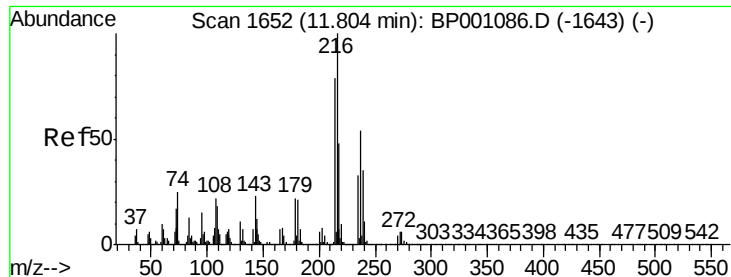
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.399 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

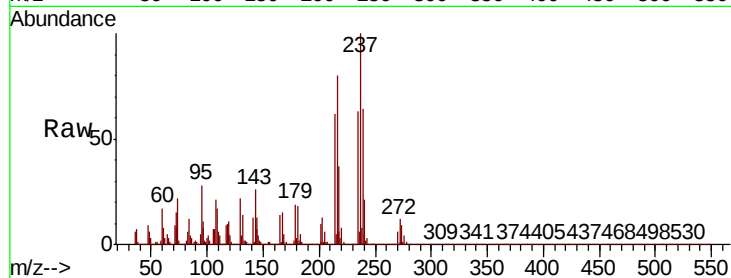
Instrument :

BNA_P

ClientSampleId :

Tot Ion:237 Resp: 299947

Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.8	81.8
272	12.0	0.0	31.9

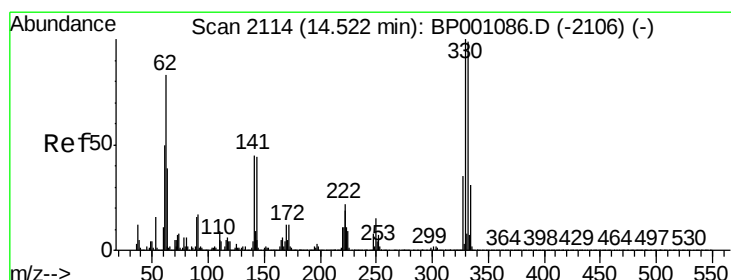
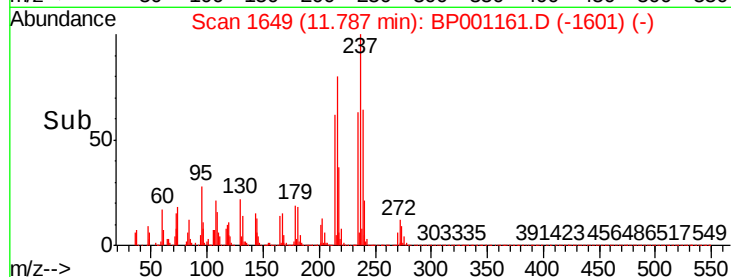
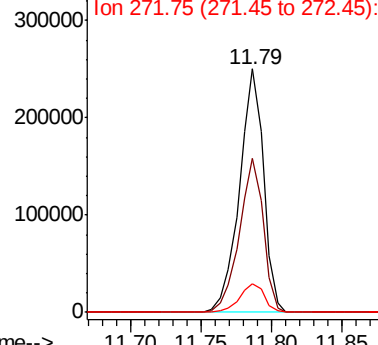


Abundance

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: 127.339 ng

RT: 14.51 min Scan# 2112

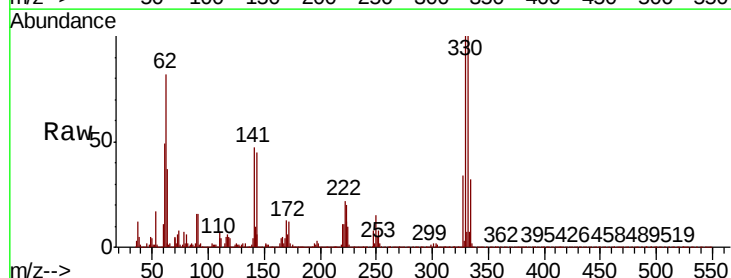
Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:330 Resp: 313204

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.6	116.4
141	45.6	34.2	51.2

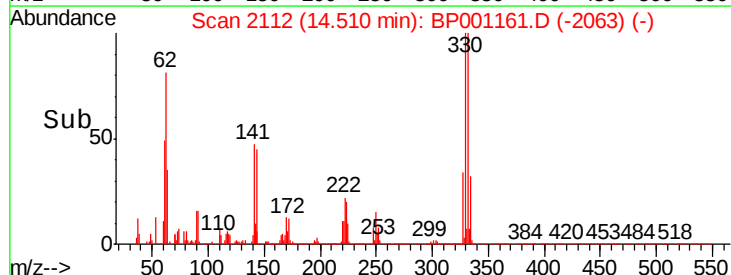
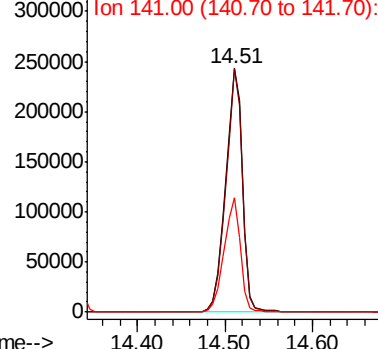


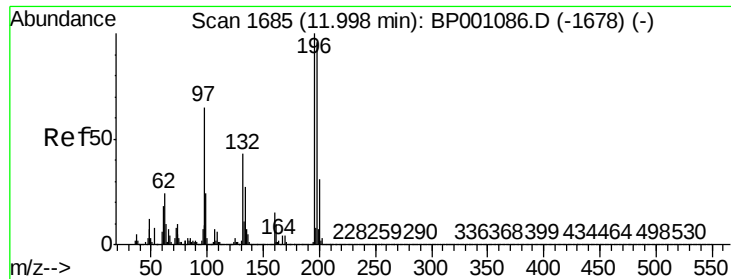
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

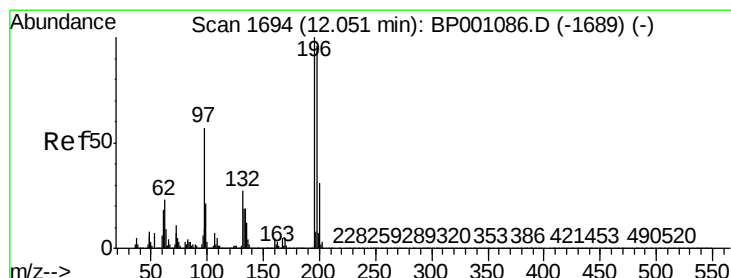
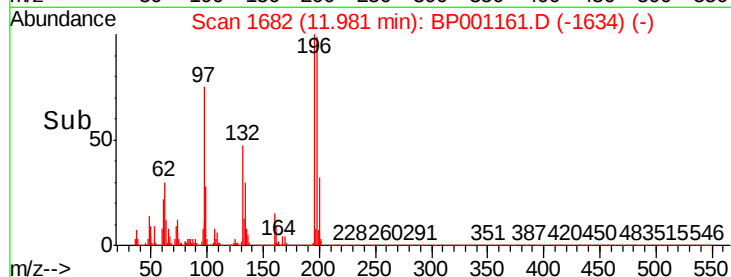
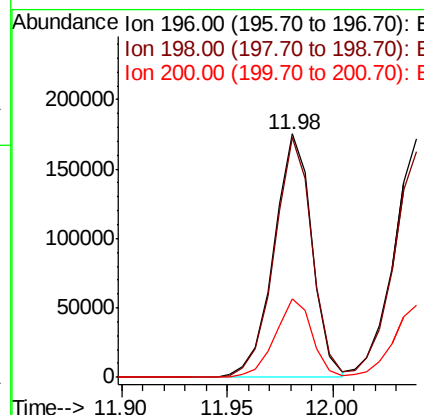
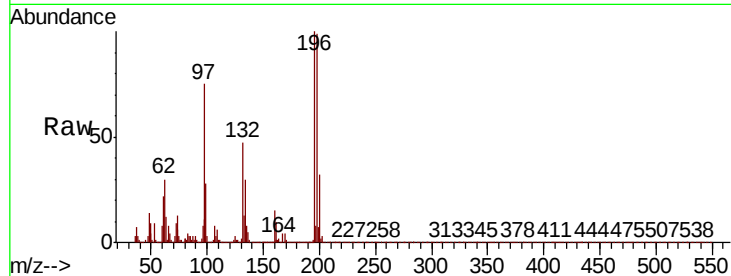




#43
 2,4,6-Trichlorophenol
 Concen: 41.703 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

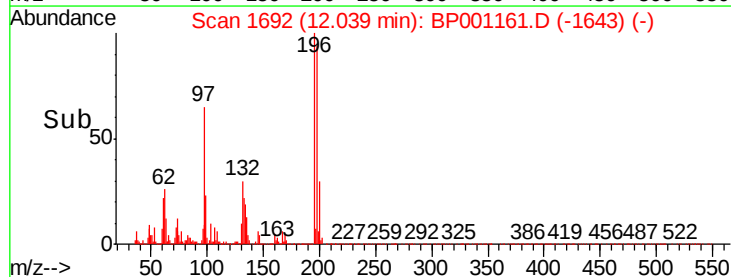
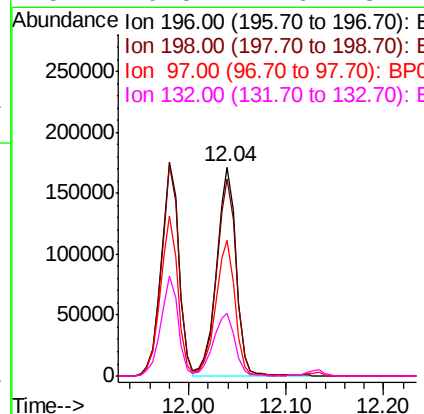
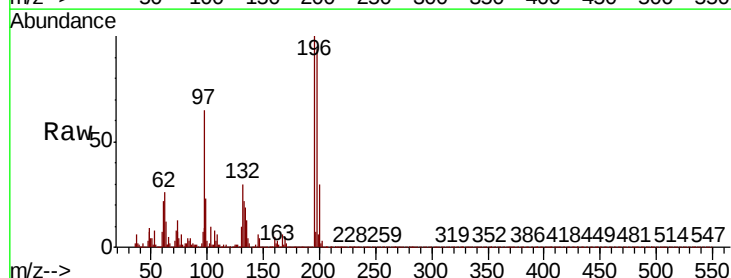
Instrument :
 BNA_P
 ClientSampleId :

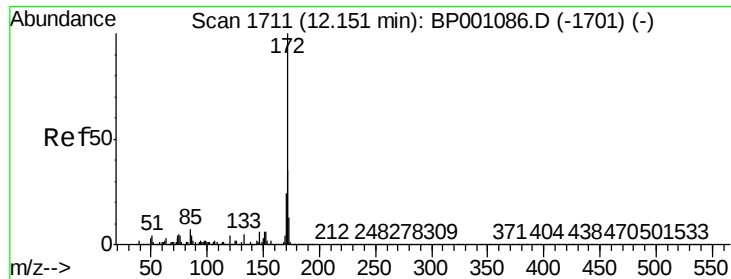
Tot Ion:196 Resp: 220204
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.7 115.1
 200 32.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.320 ng
 RT: 12.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion:196 Resp: 237003
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.8 115.2
 97 64.7 46.1 69.1
 132 29.8 21.6 32.4

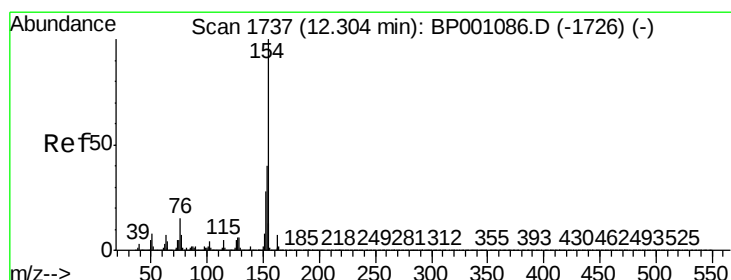
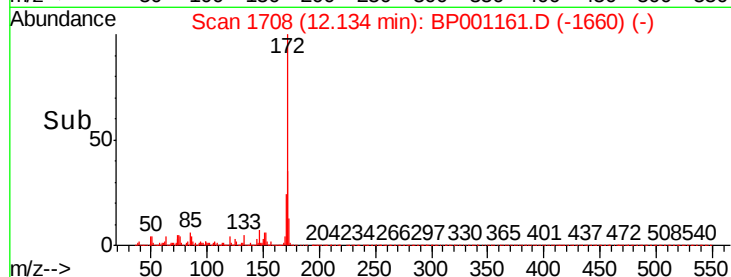
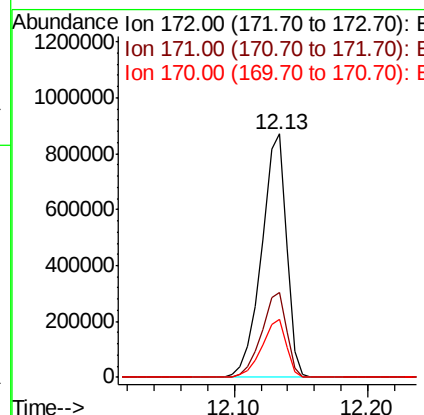
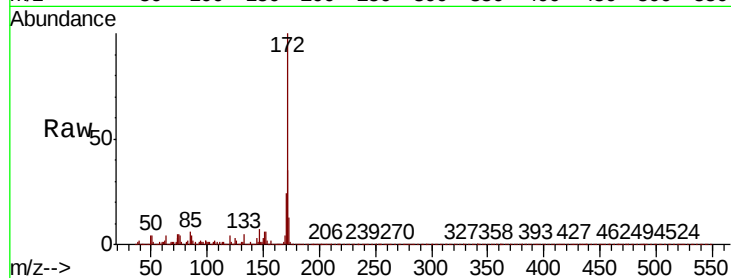




#45
2-Fluorobiphenyl
Concen: 63.551 ng
RT: 12.13 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

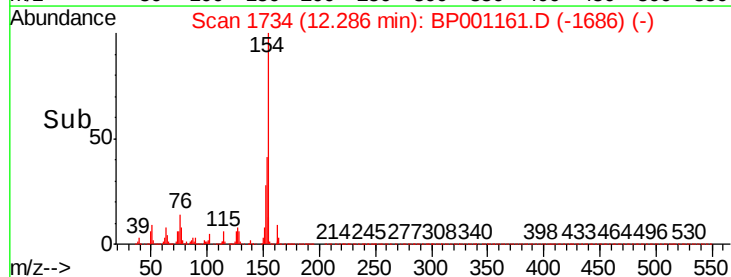
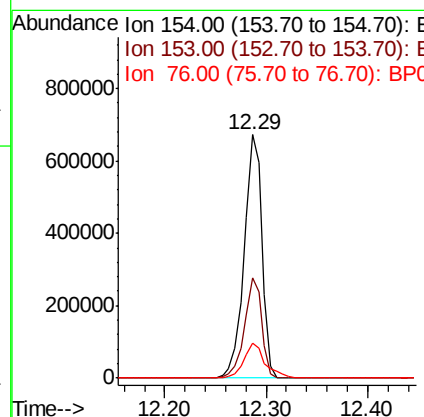
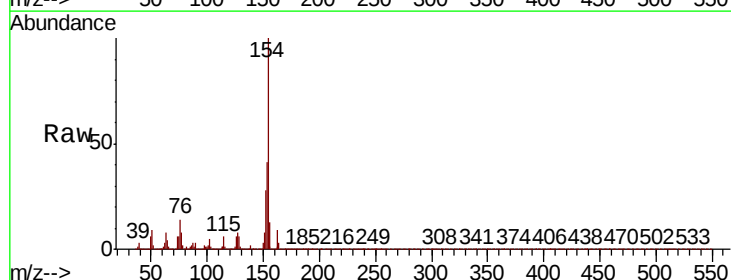
Instrument :
BNA_P
ClientSampleId :

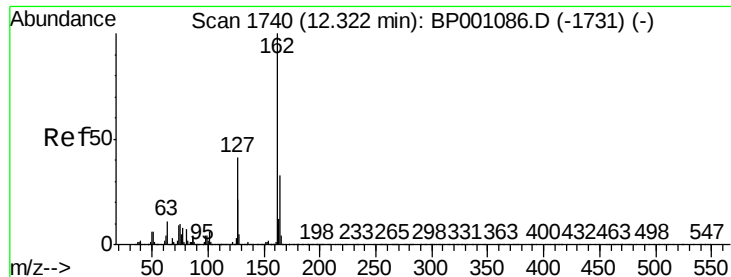
Tot Ion:172 Resp: 1114256
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.123 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:154 Resp: 815538
Ion Ratio Lower Upper
154 100
153 41.2 20.2 60.2
76 14.4 0.0 34.5

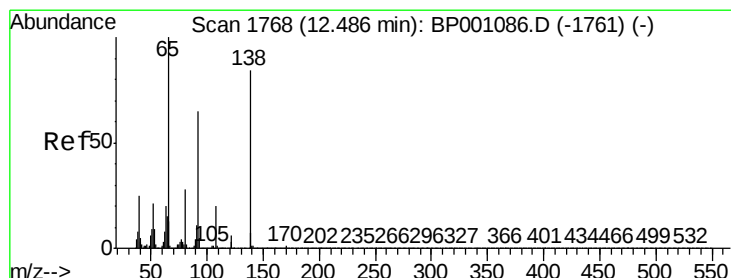
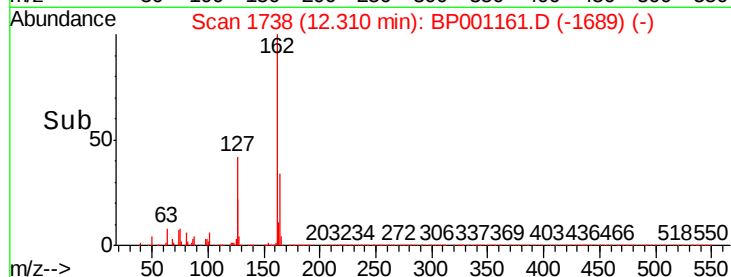
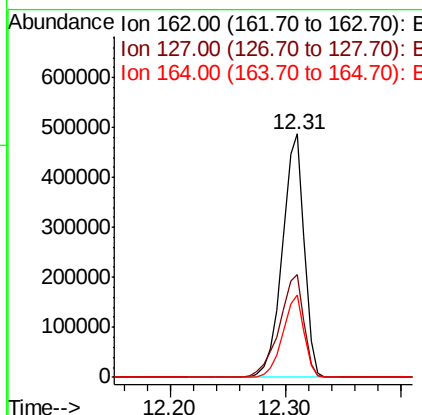
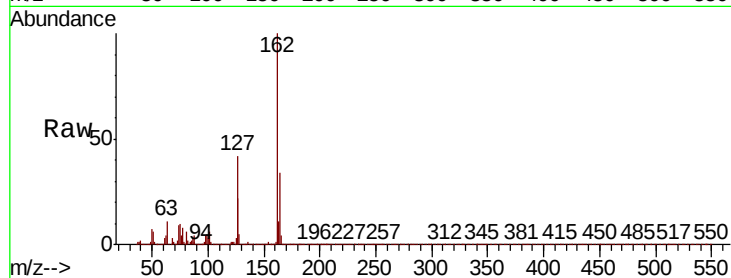




#47
2-Chloronaphthalene
Concen: 39.978 ng
RT: 12.31 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

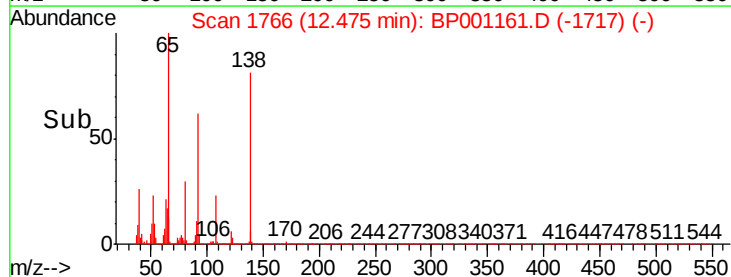
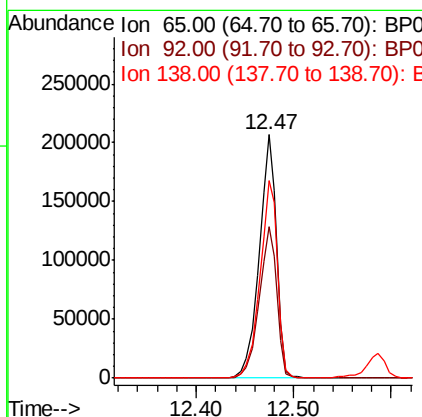
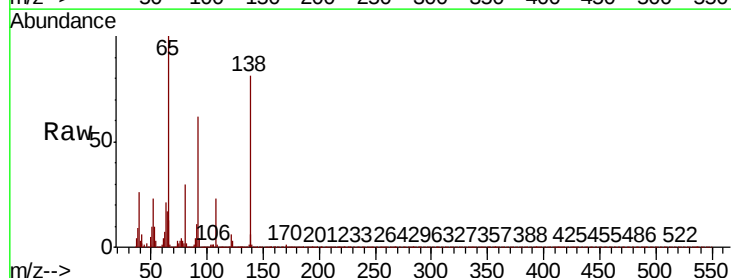
Instrument :
BNA_P
ClientSampleId :

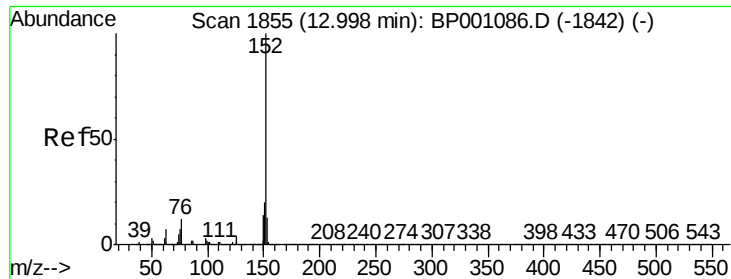
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.0	49.6
164	33.9	26.7	40.1



#48
2-Nitroaniline
Concen: 41.684 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	51.6	77.4
138	81.4	67.3	100.9





#49

Acenaphthylene

Concen: 42.642 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

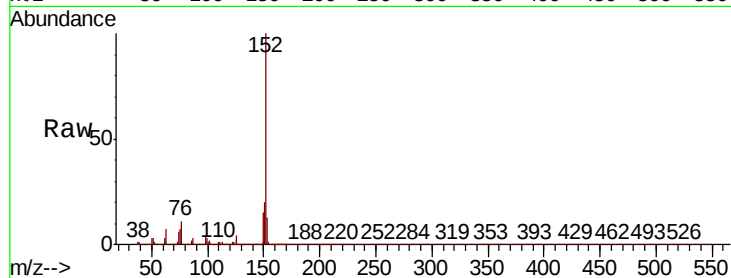
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1012538

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.0	10.2	15.4

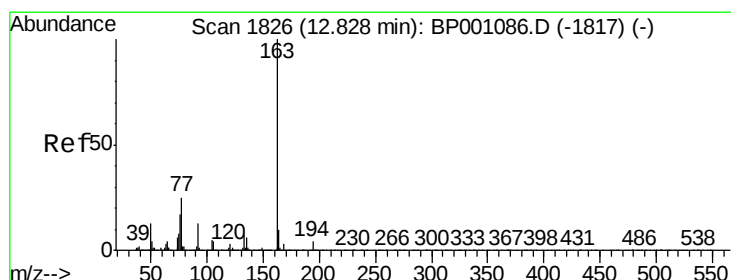
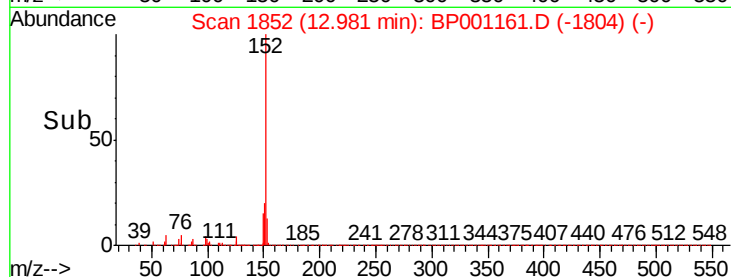
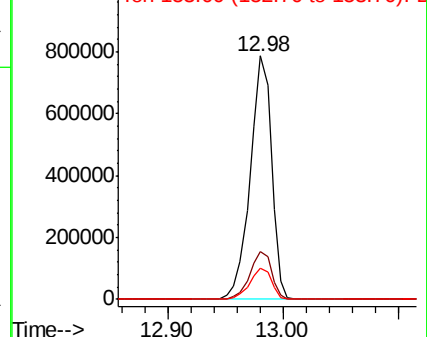


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.997 ng

RT: 12.81 min Scan# 1823

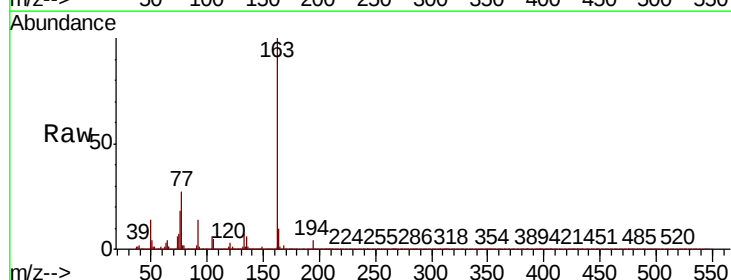
Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:163 Resp: 767629

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.2	8.1	12.1

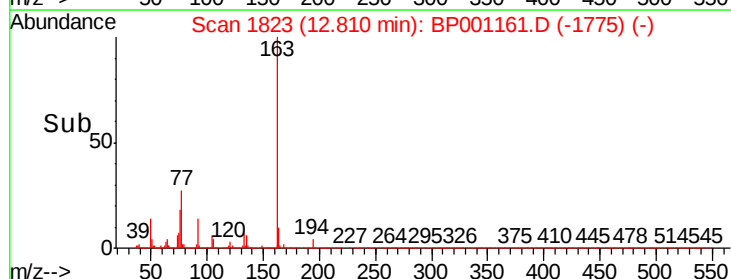
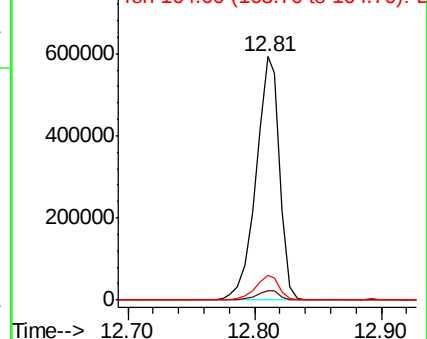


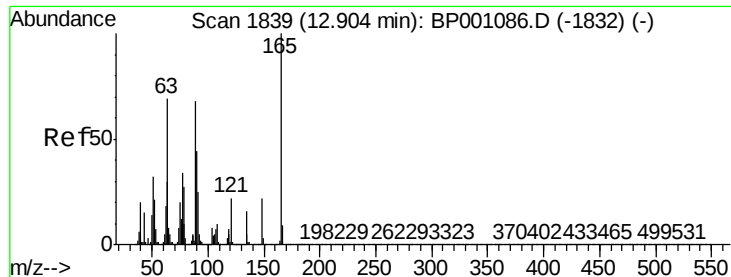
Abundance

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

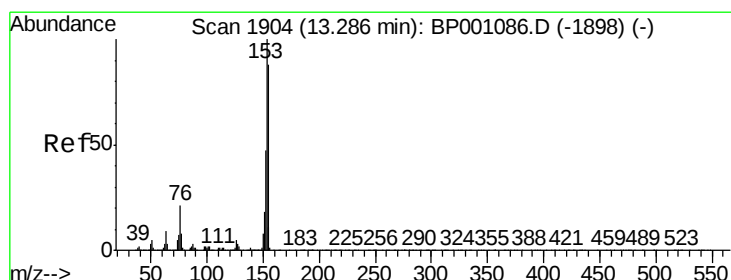
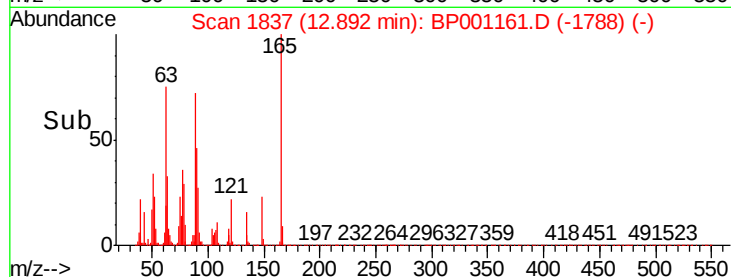
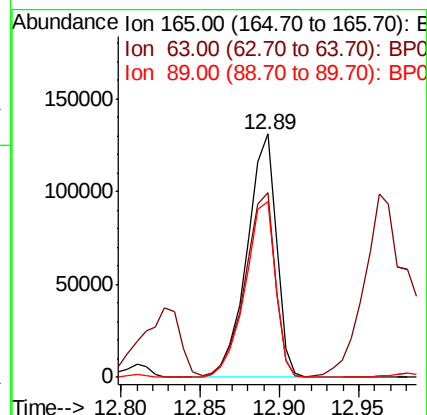
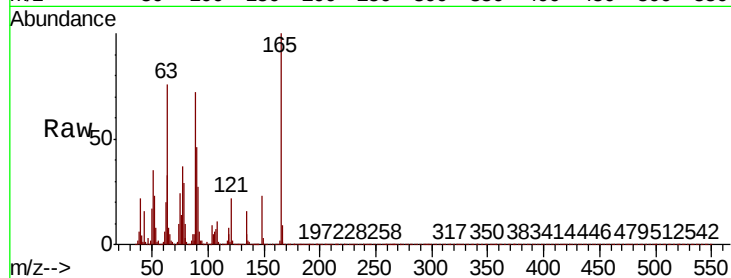




#51
2,6-Dinitrotoluene
Concen: 41.086 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

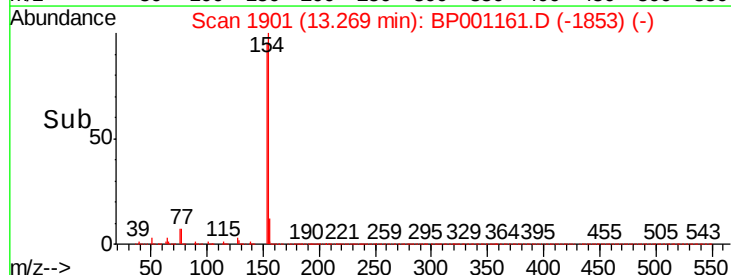
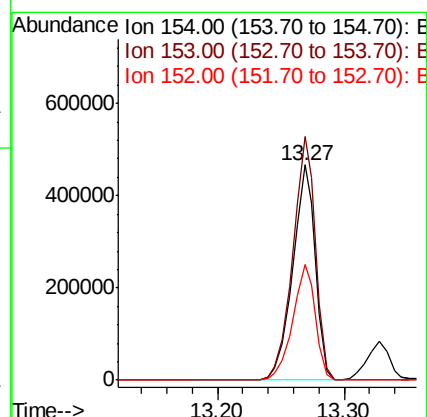
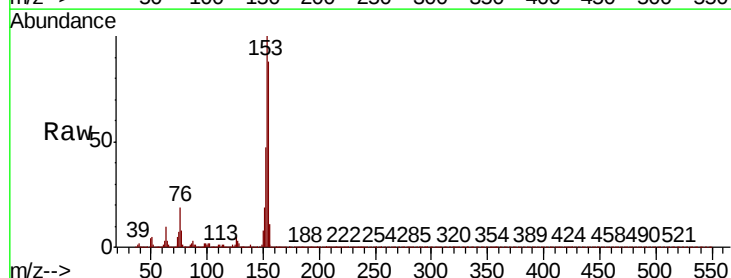
Instrument :
BNA_P
ClientSampleId :

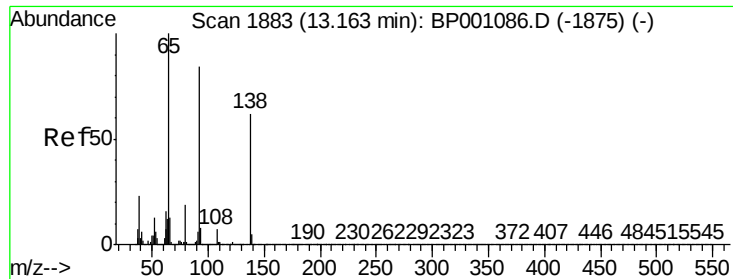
Tot Ion:165 Resp: 168797
Ion Ratio Lower Upper
165 100
63 75.6 55.6 83.4
89 72.0 54.1 81.1



#52
Acenaphthene
Concen: 40.800 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:154 Resp: 582773
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 53.7 42.6 64.0

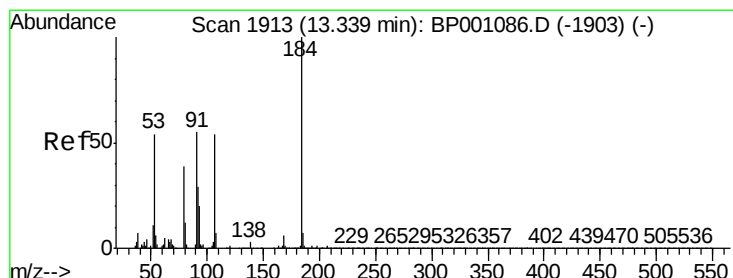
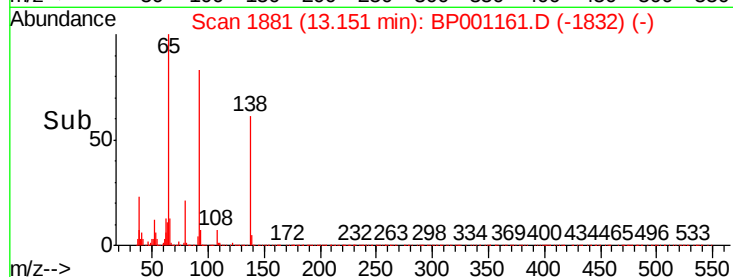
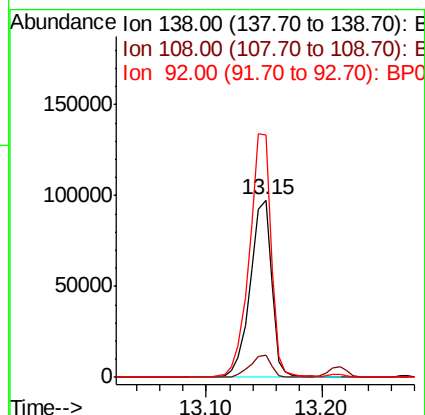
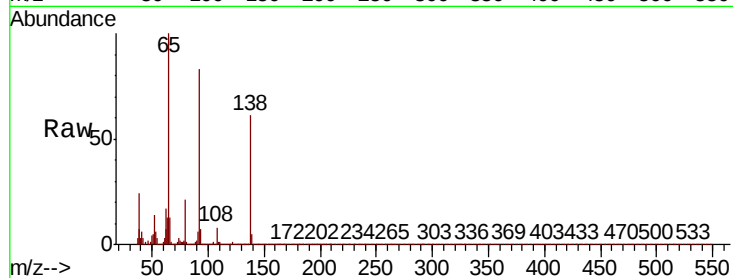




#53
3-Nitroaniline
Concen: 27.412 ng
RT: 13.15 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

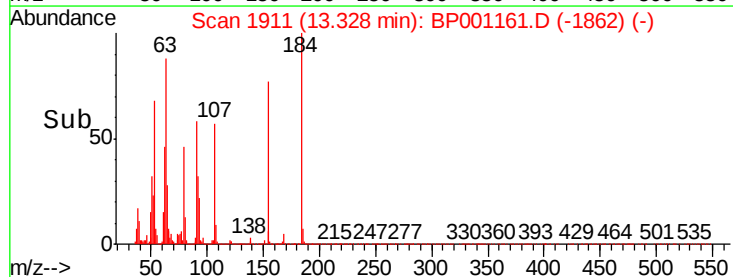
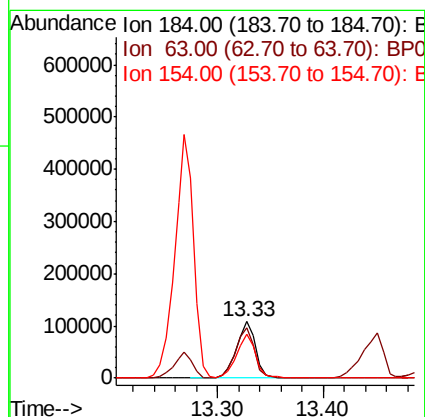
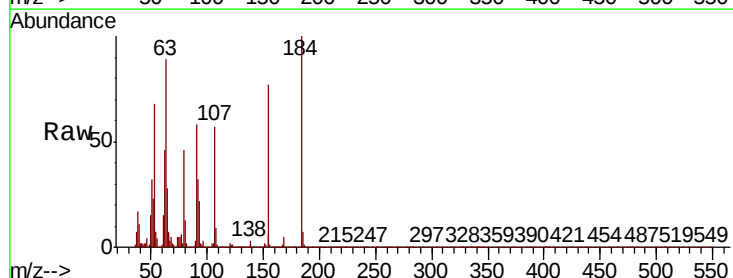
Instrument :
BNA_P
ClientSampleId :

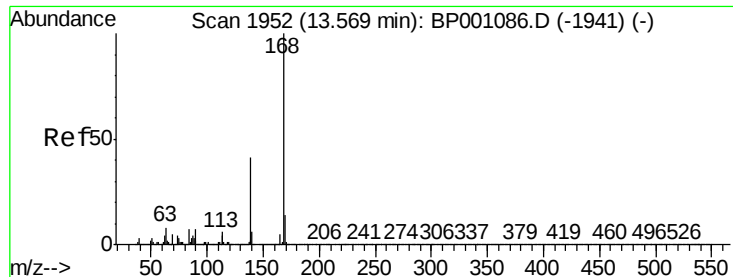
Tot Ion:138 Resp: 126509
Ion Ratio Lower Upper
138 100
108 12.6 9.2 13.8
92 136.8 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 79.559 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:184 Resp: 133436
Ion Ratio Lower Upper
184 100
63 88.5 60.7 91.1
154 77.0 56.2 84.2





#55

Dibenzofuran

Concen: 42.464 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

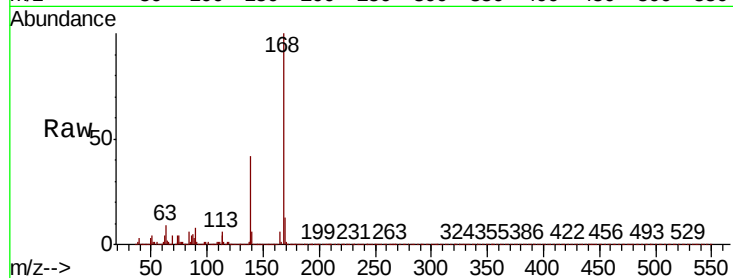
Instrument :

BNA_P

ClientSampled :

Tot Ion:168 Resp: 911433

Ion	Ratio	Lower	Upper
168	100		
139	42.5	32.8	49.2
169	13.0	10.9	16.3

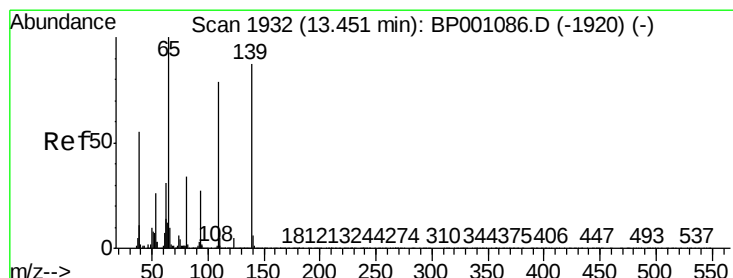
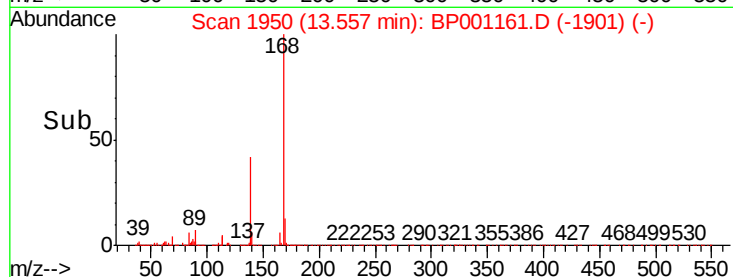
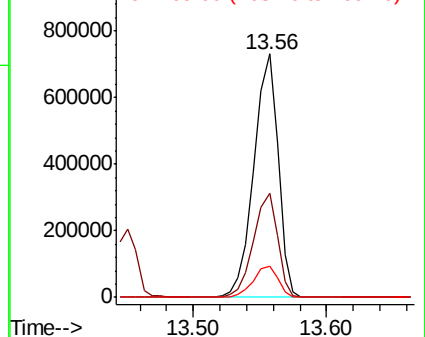


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.419 ng

RT: 13.45 min Scan# 1932

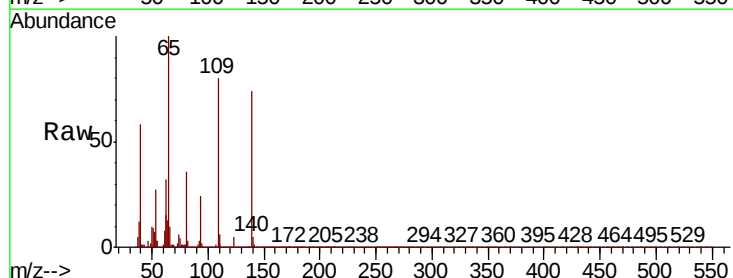
Delta R.T. 0.00 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:139 Resp: 289153

Ion	Ratio	Lower	Upper
139	100		
109	108.5	70.9	110.9
65	134.9	95.2	135.2

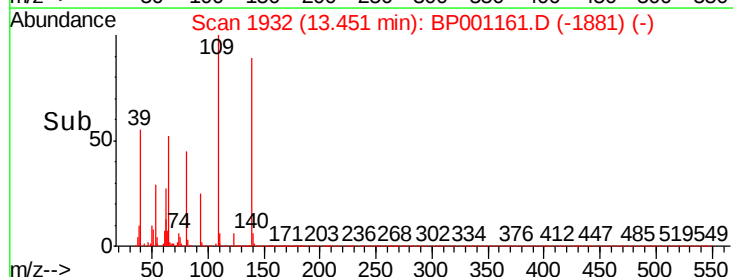
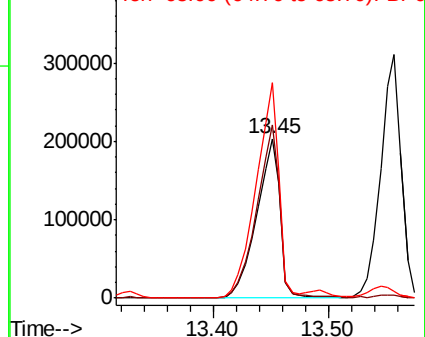


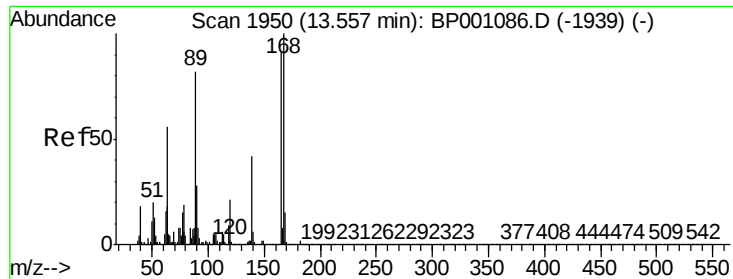
Abundance

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

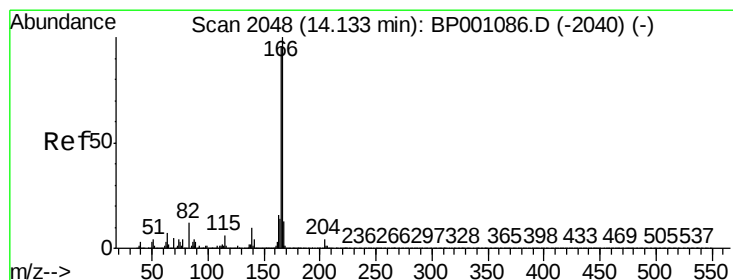
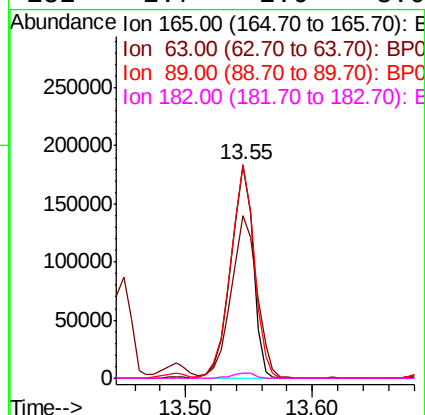
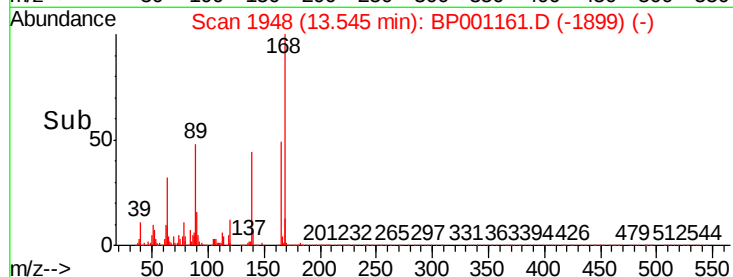
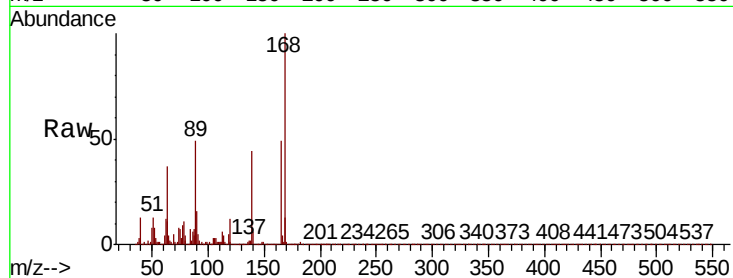




#57
2,4-Dinitrotoluene
Concen: 43.282 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

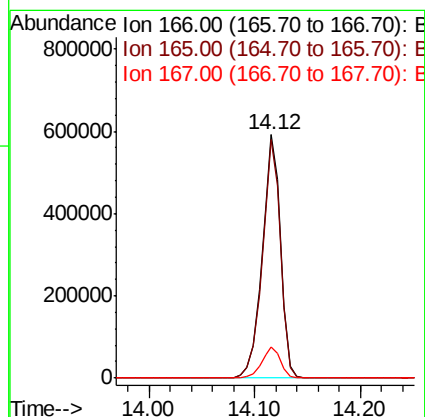
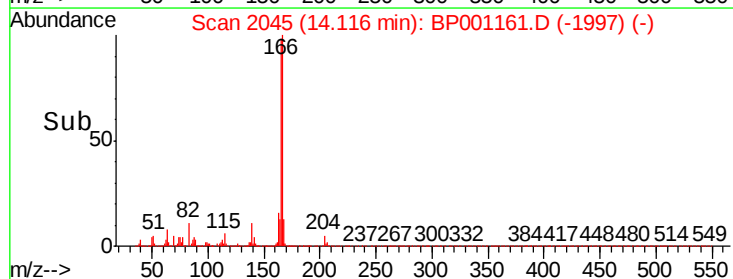
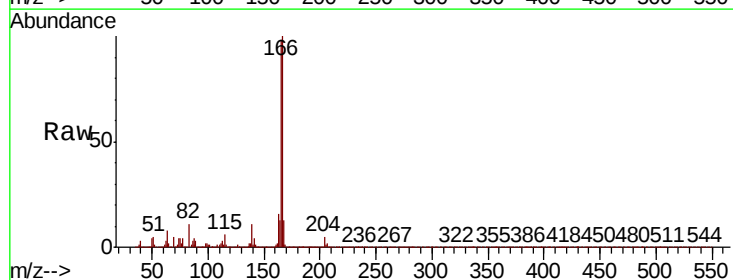
Instrument :
BNA_P
ClientSampleId :

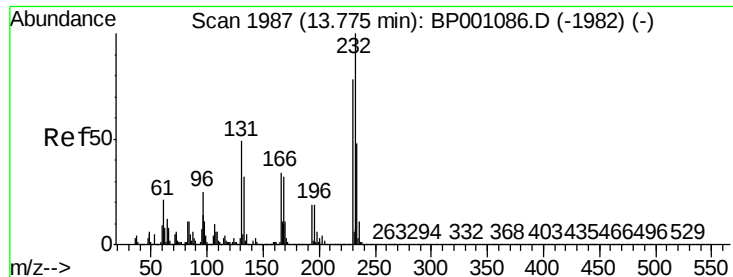
Tot Ion:165 Resp: 222887
Ion Ratio Lower Upper
165 100
63 76.2 49.4 74.2#
89 100.2 72.1 108.1
182 2.7 2.0 3.0



#58
Fluorene
Concen: 41.768 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:166 Resp: 718356
Ion Ratio Lower Upper
166 100
165 97.8 76.7 115.1
167 12.9 10.5 15.7

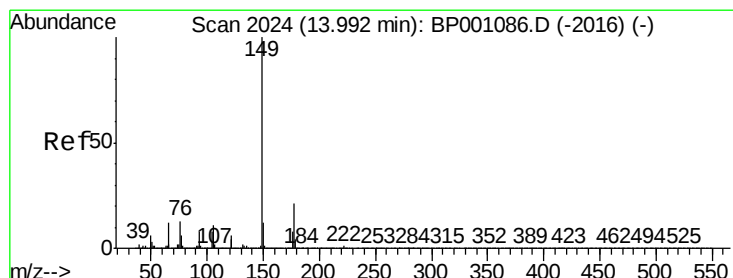
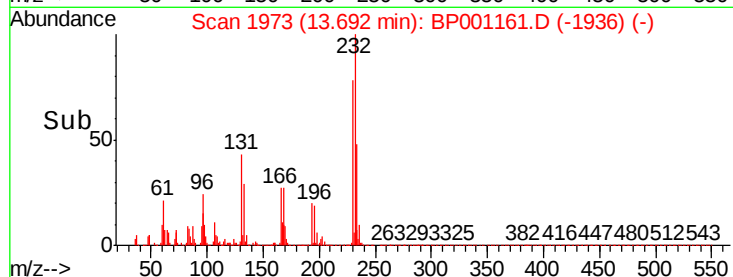
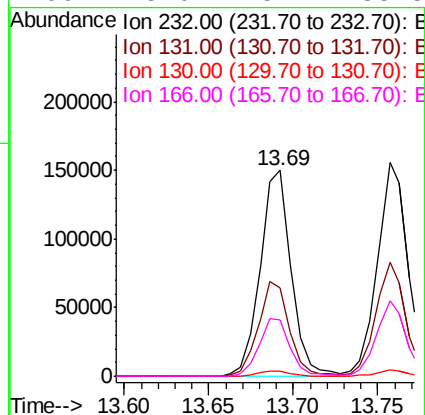
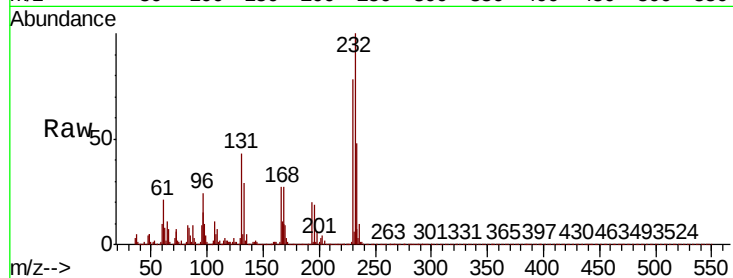




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.446 ng
 RT: 13.69 min Scan# 1973
 Delta R.T. -0.08 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

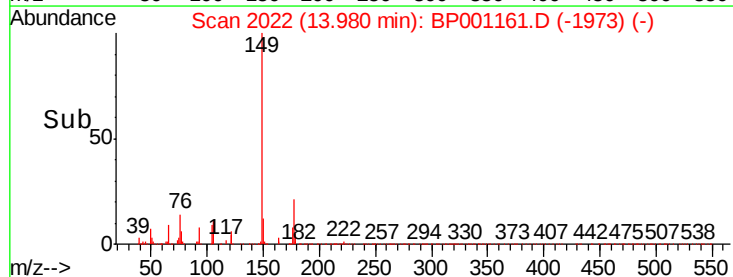
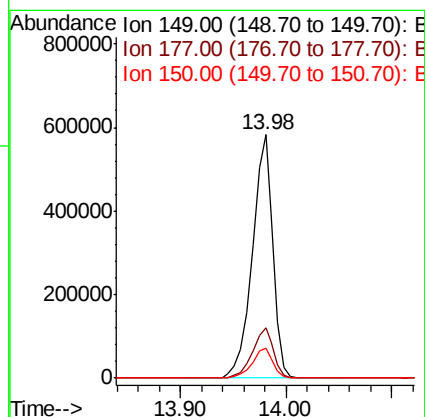
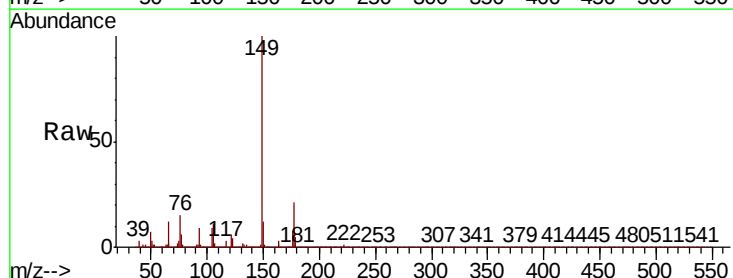
Instrument :
 BNA_P
 ClientSampled :

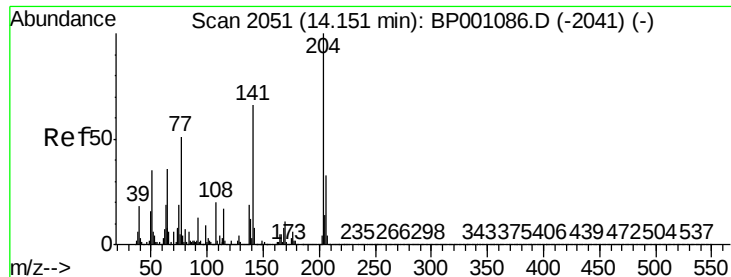
Tot Ion:	232	Resp:	190887
Ion	Ratio	Lower	Upper
232	100		
131	46.2	39.6	59.4
130	2.8	1.9	2.9
166	28.0	25.7	38.5



#60
 Diethylphthalate
 Concen: 39.535 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion:	149	Resp:	785636
Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.0	25.6
150	12.4	9.9	14.9

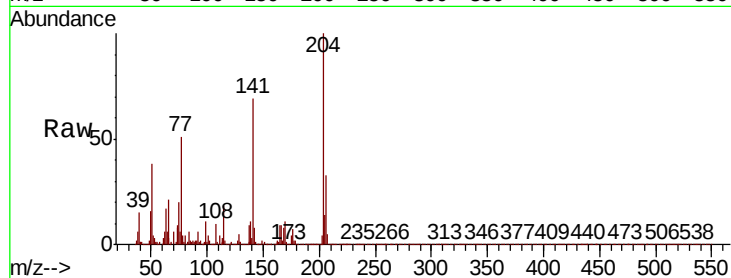




#61
4-Chlorophenyl-phenylether
Concen: 40.650 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	69.3	52.7	79.1

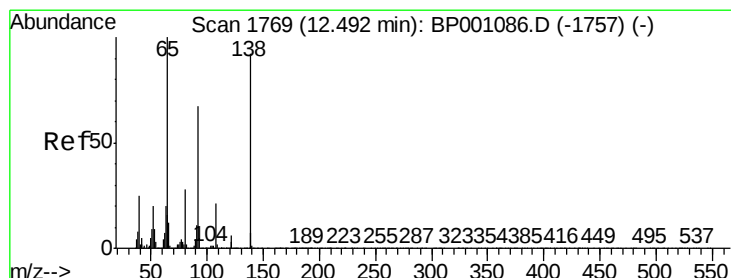
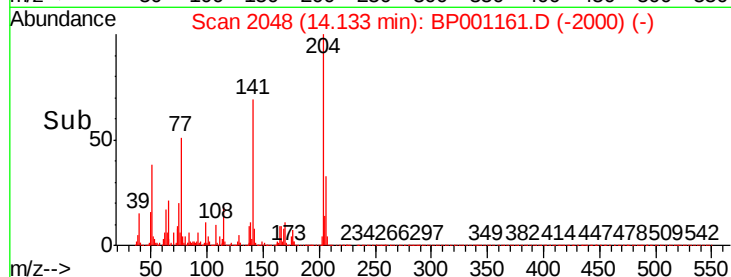
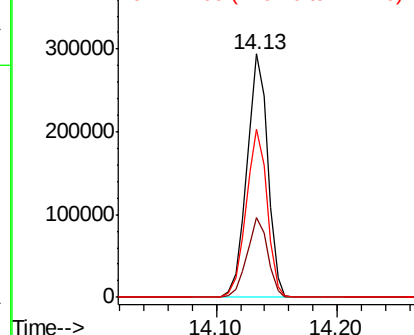


Abundance

Ion 204.00 (203.70 to 204.70): E

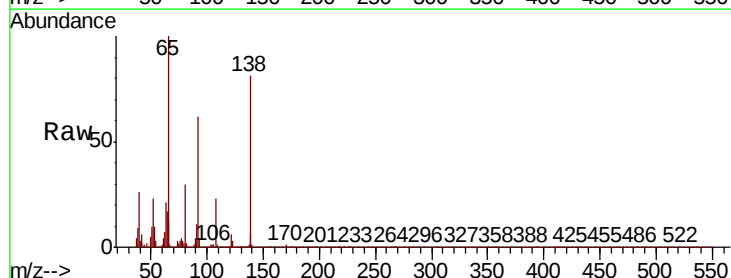
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.961 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	76.5	53.3	93.3
108	28.7	3.1	43.1

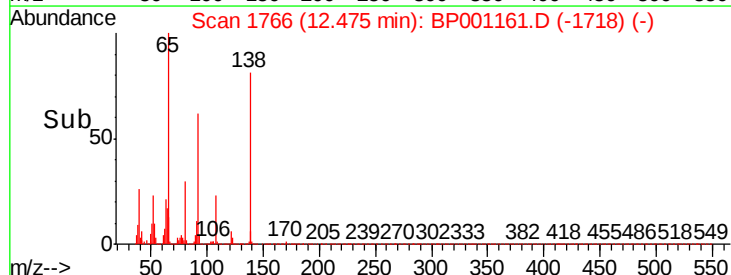
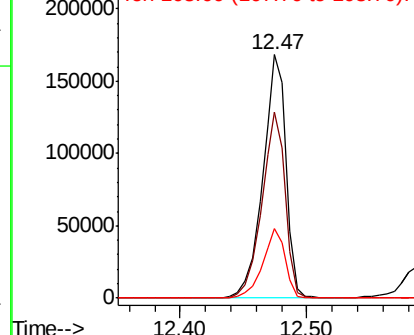


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.168 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 884298

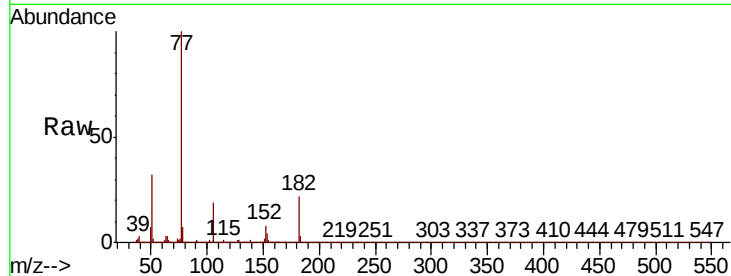
Ion Ratio Lower Upper

77 100

182 21.7 0.8 40.8

105 19.4 0.3 40.3

51 32.3 9.6 49.6

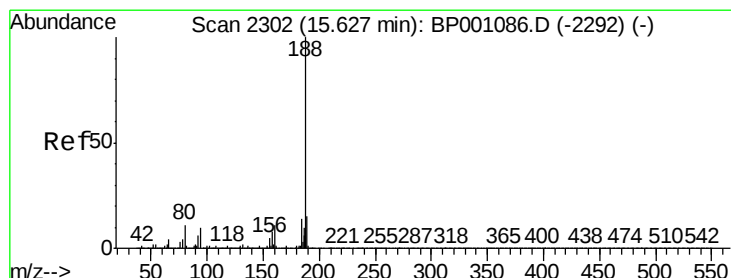
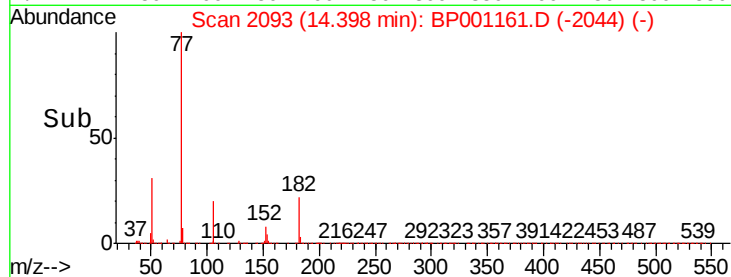
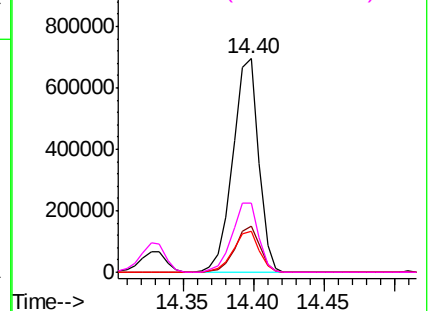


Abundance Ion 77.00 (76.70 to 77.70): BP0

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. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

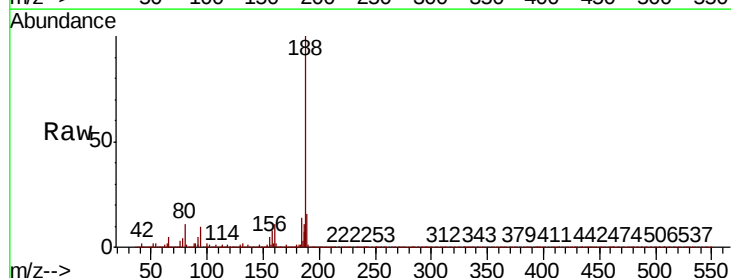
Tgt Ion: 188 Resp: 484478

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

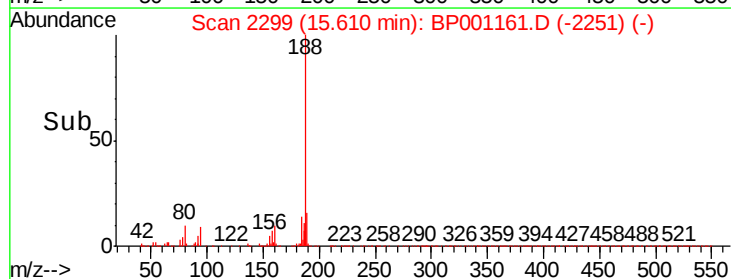
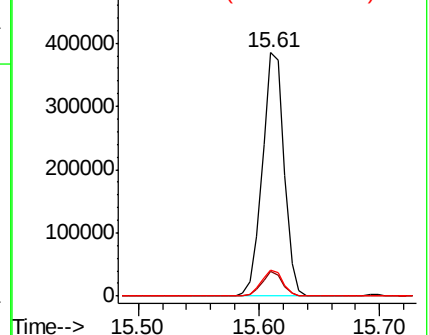
80 10.6 8.8 13.2

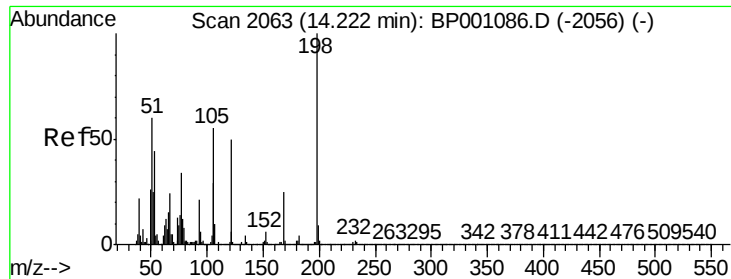


Abundance Ion 188.00 (187.70 to 188.70): E

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: 45.784 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

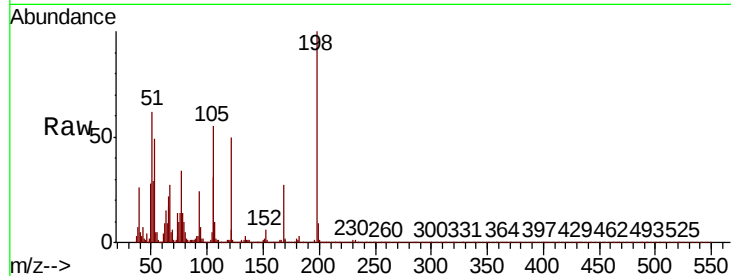
Tot Ion:198 Resp: 94439

Ion	Ratio	Lower	Upper
198	100		
51	62.3	40.5	80.5
105	55.0	35.7	75.7

198 100

51 62.3 40.5 80.5

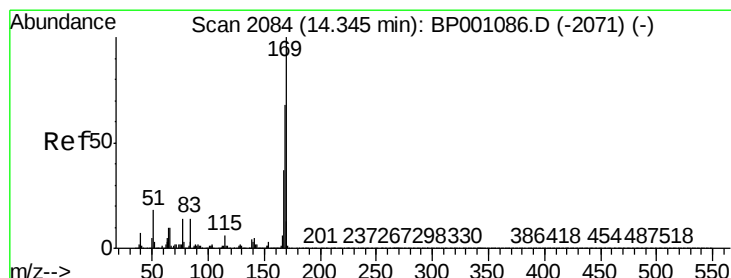
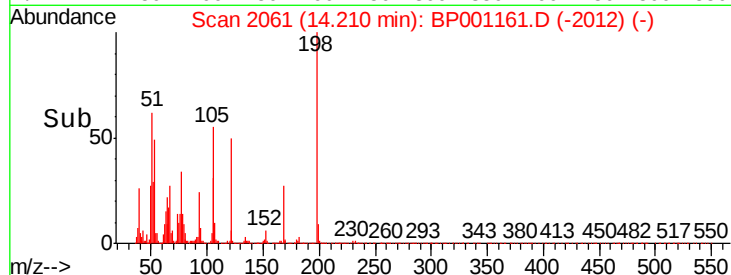
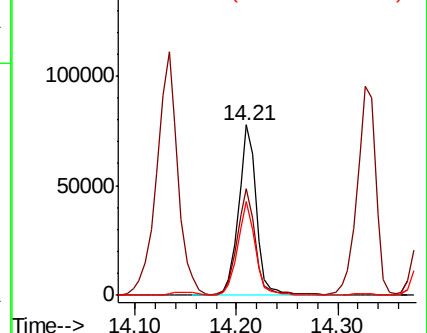
105 55.0 35.7 75.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.423 ng

RT: 14.33 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

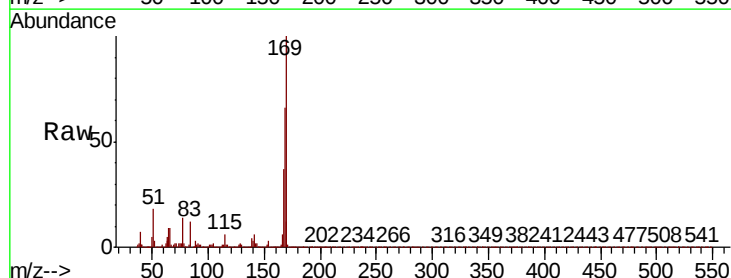
Tgt Ion:169 Resp: 624494

Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.1	81.1
167	37.3	29.5	44.3

169 100

168 66.3 54.1 81.1

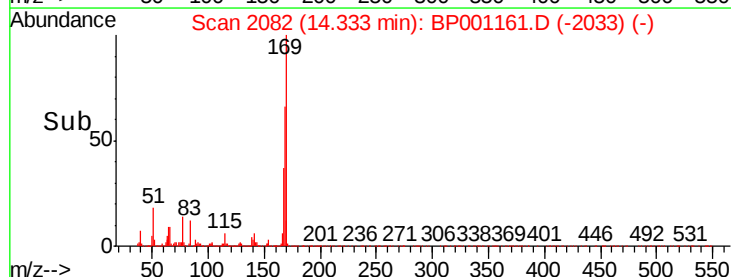
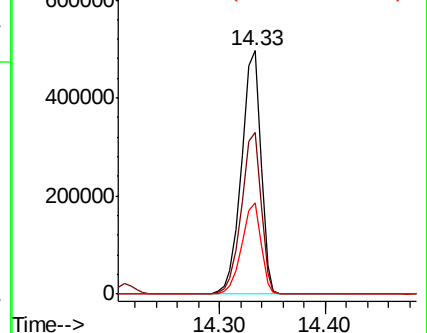
167 37.3 29.5 44.3

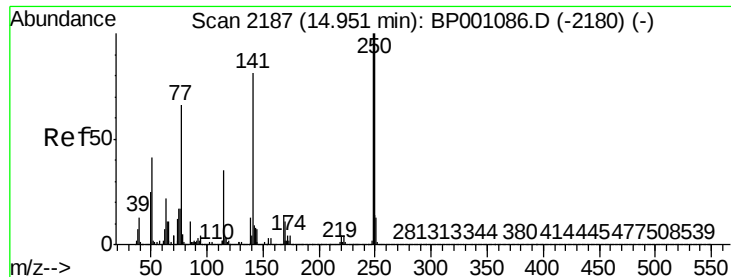


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

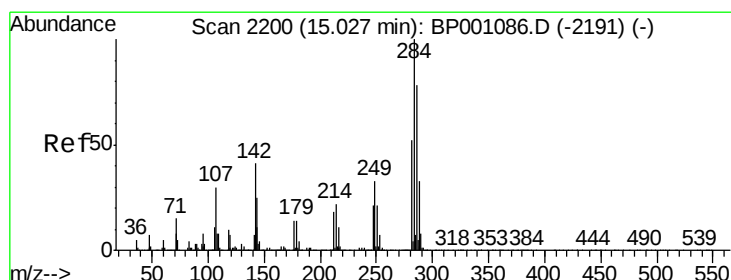
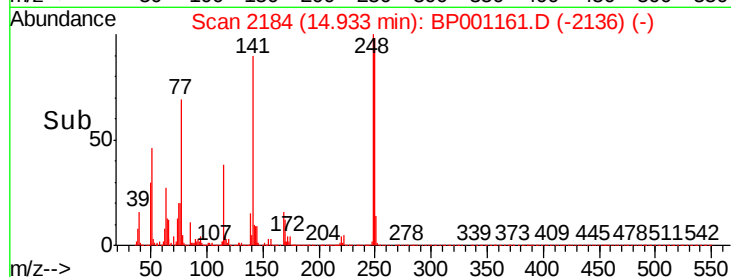
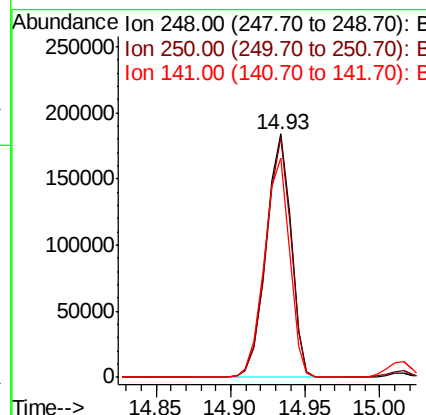
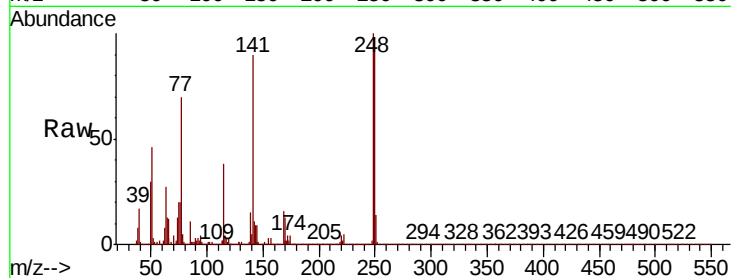




#67
4-Bromophenyl-phenylether
Concen: 40.247 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

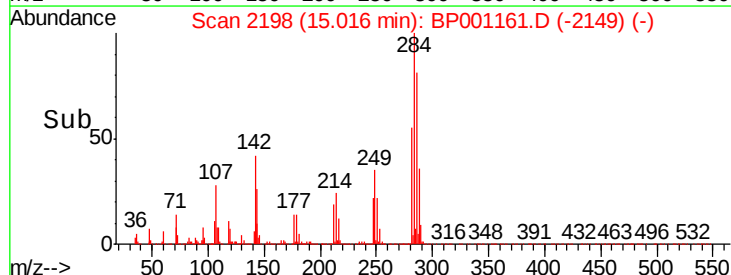
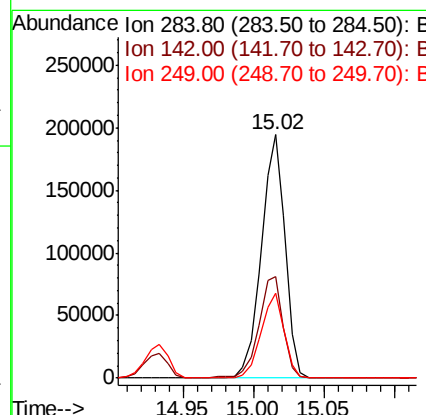
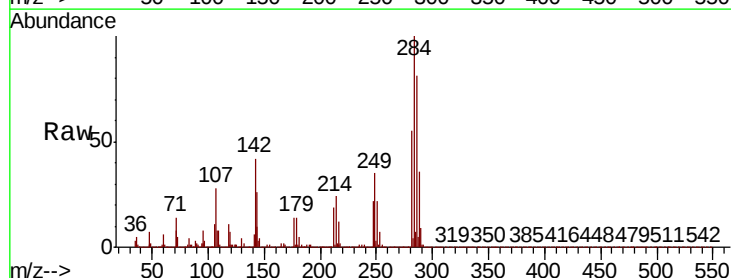
Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	80.3	120.5
141	90.1	64.9	97.3



#68
Hexachlorobenzene
Concen: 39.697 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.6	33.2	49.8
249	34.7	26.2	39.4





#69

Atrazine

Concen: 48.194 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampled :

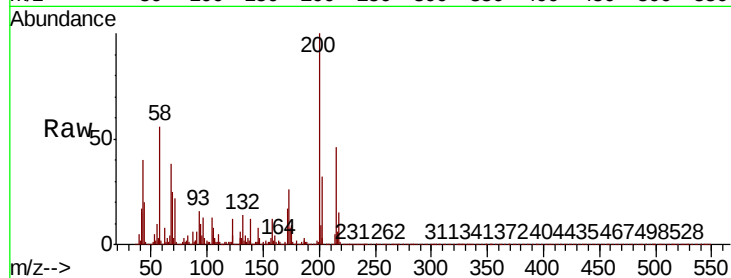
Tot Ion:200 Resp: 216615

Ion Ratio Lower Upper

200 100

173 26.3 6.7 46.7

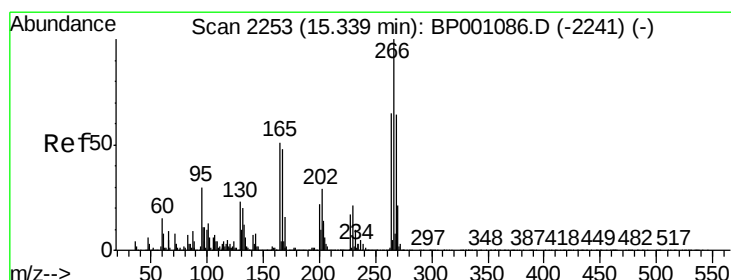
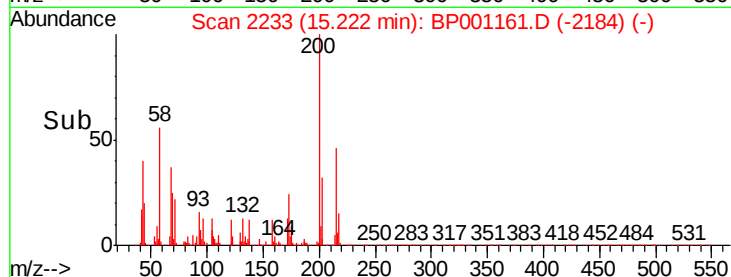
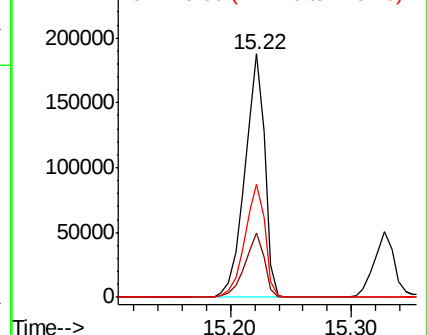
215 46.5 27.9 67.9



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: 91.327 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

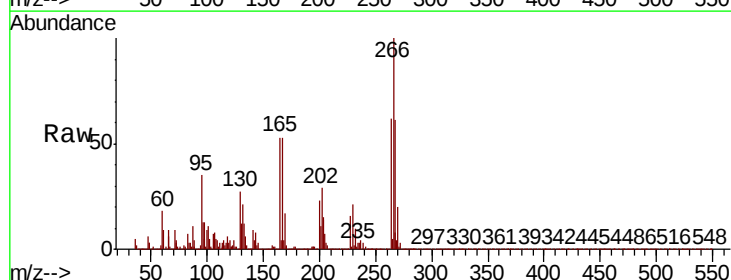
Tgt Ion:266 Resp: 275245

Ion Ratio Lower Upper

266 100

268 61.2 51.6 77.4

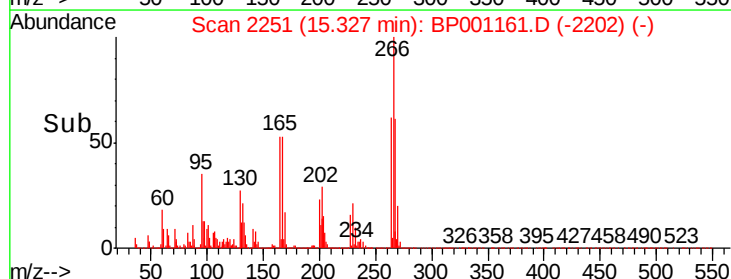
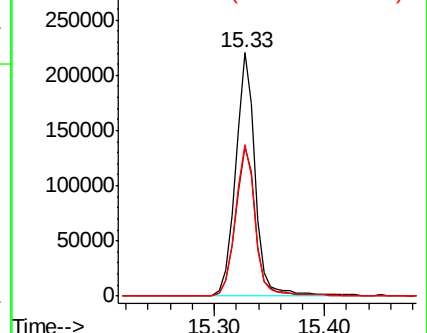
264 62.1 52.2 78.4



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

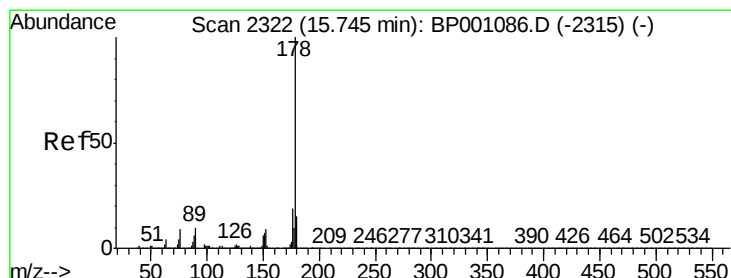
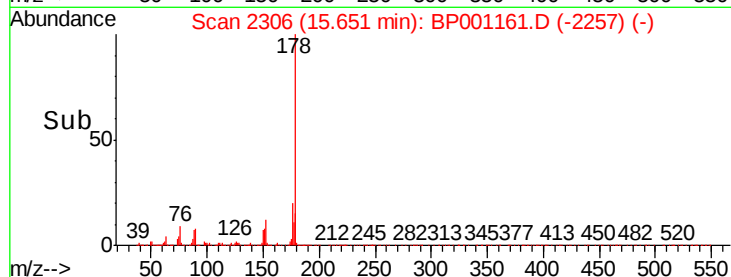
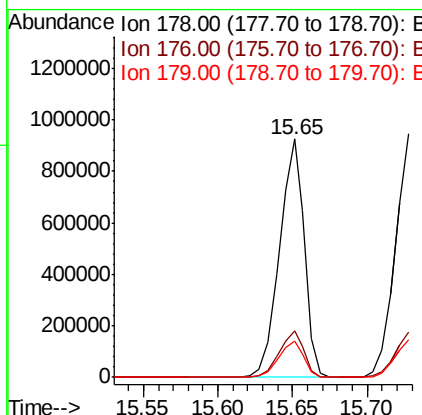
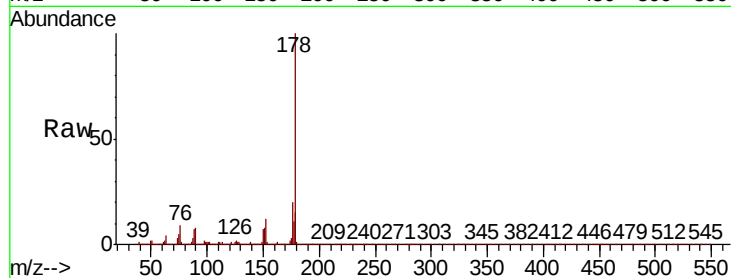




#71
Phenanthrene
Concen: 42.259 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

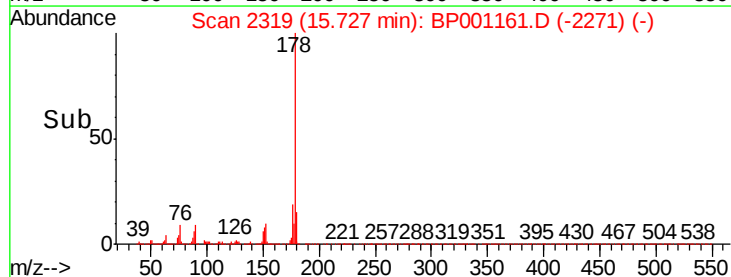
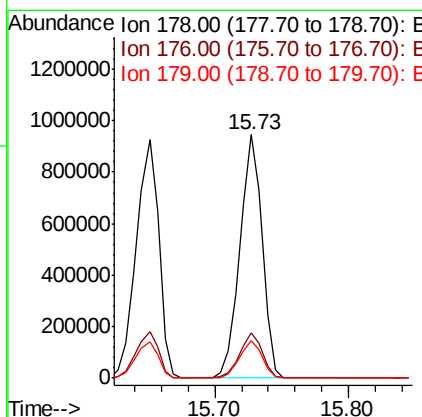
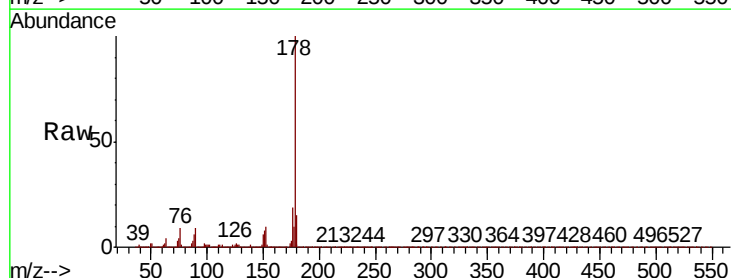
Instrument :
BNA_P
ClientSampleId :

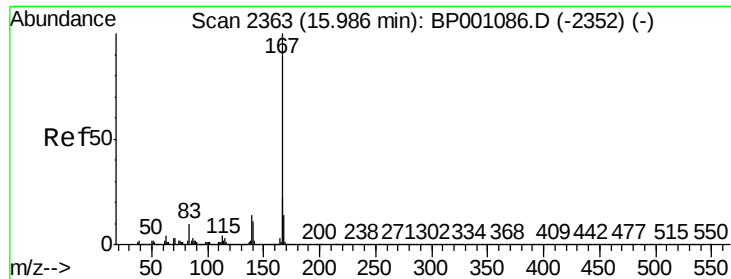
Tot Ion:178 Resp: 1076373
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.3 12.5 18.7



#72
Anthracene
Concen: 43.615 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:178 Resp: 1094942
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.2 12.2 18.4

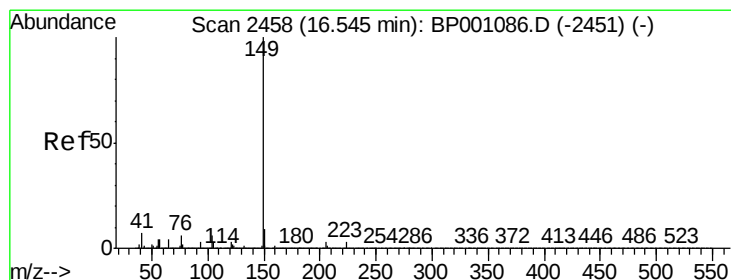
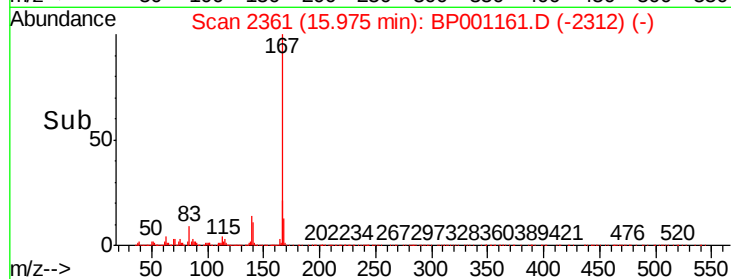
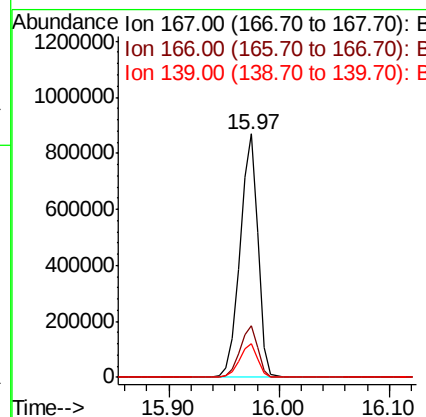
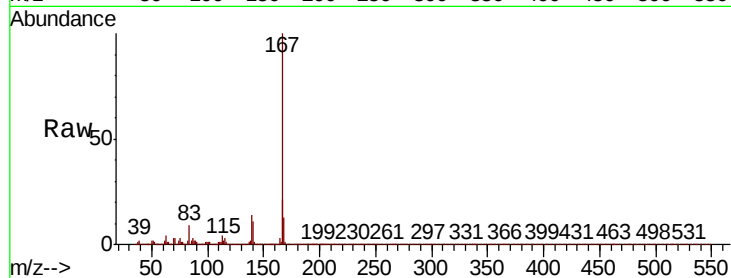




#73
 Carbazole
 Concen: 43.284 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

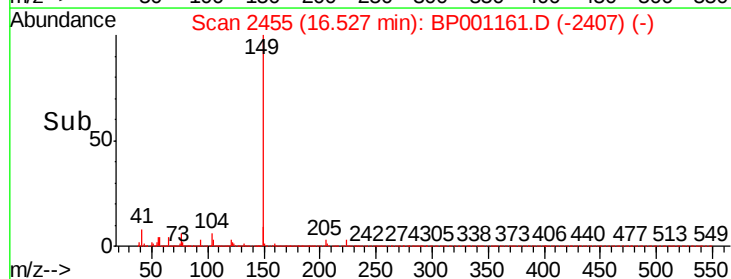
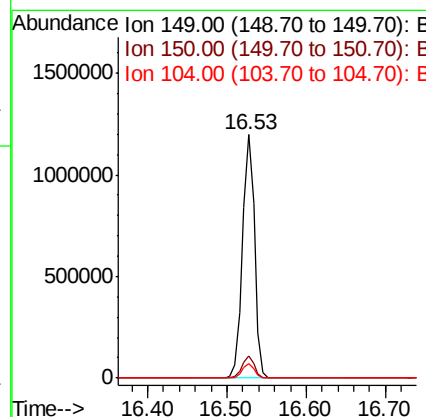
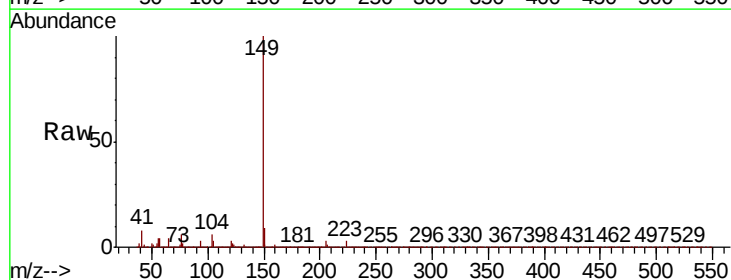
Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	14.0	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 40.803 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001161.D
 Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	6.2	4.6	6.8





#75

Fluoranthene

Concen: 43.837 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampled :

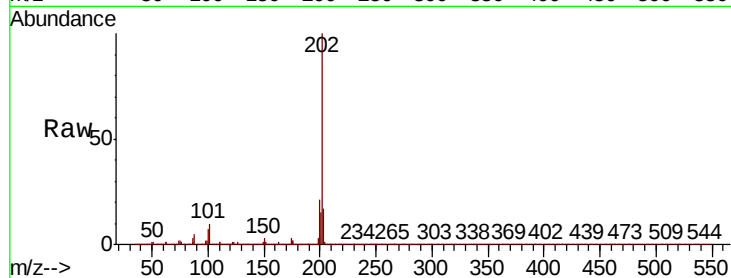
Tot Ion:202 Resp: 1182035

Ion Ratio Lower Upper

202 100

101 9.6 0.0 32.1

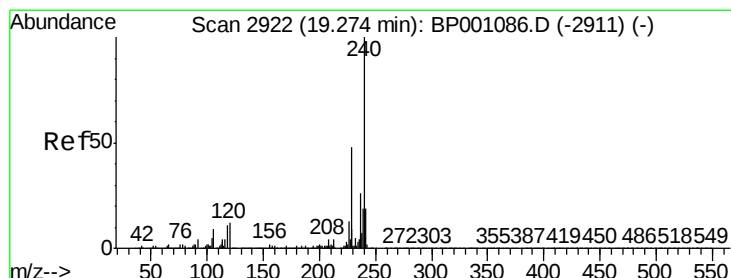
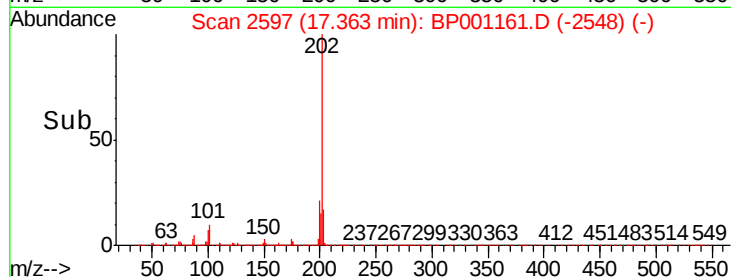
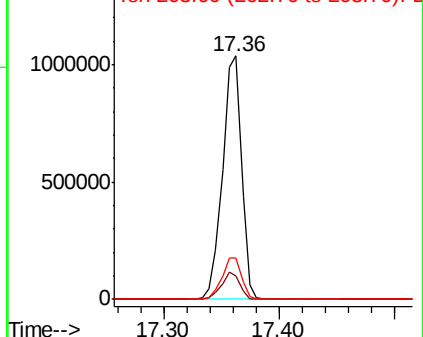
203 17.1 0.0 37.8



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. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

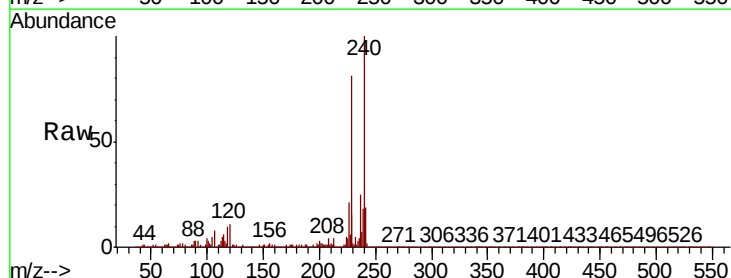
Tgt Ion:240 Resp: 383361

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

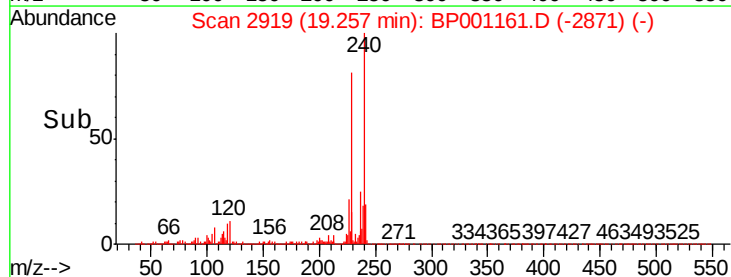
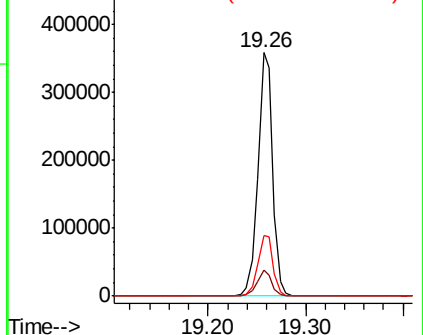
236 25.0 20.4 30.6



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

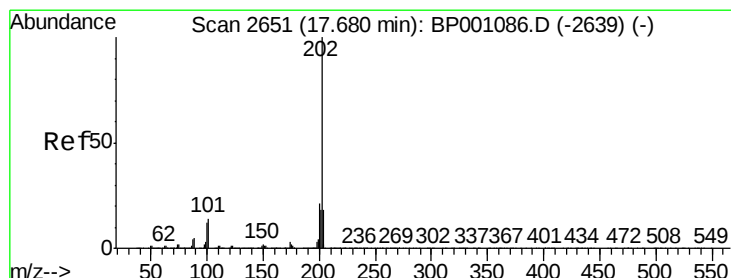
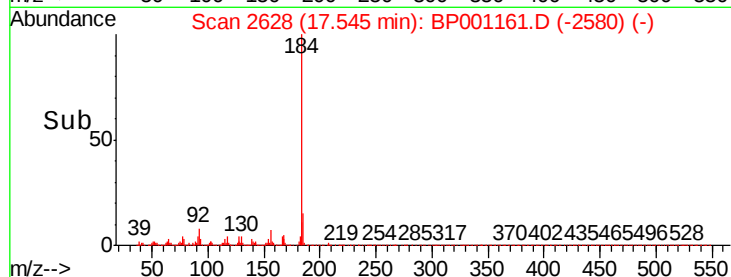
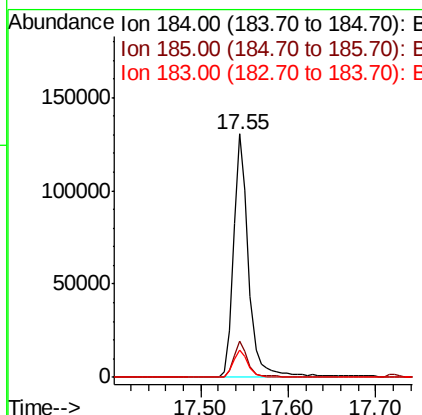
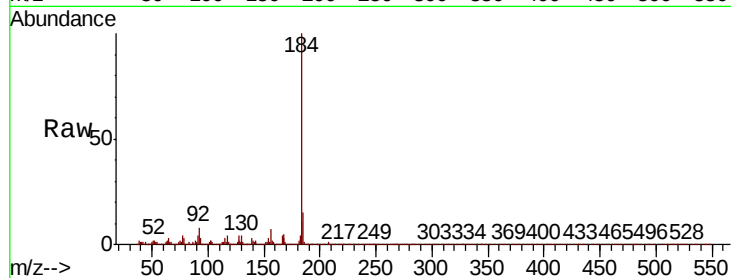




#77
Benzidine
Concen: 15.538 ng
RT: 17.55 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

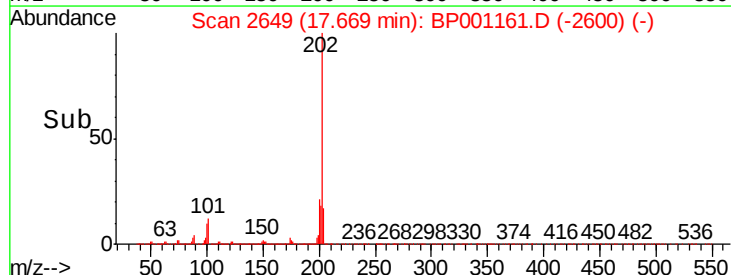
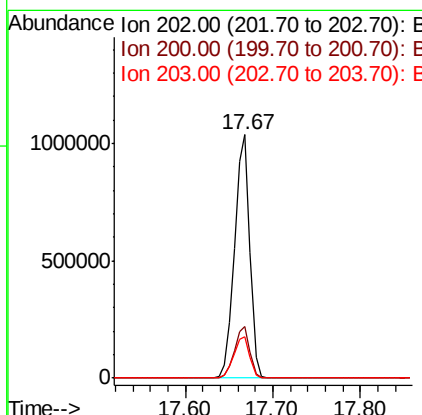
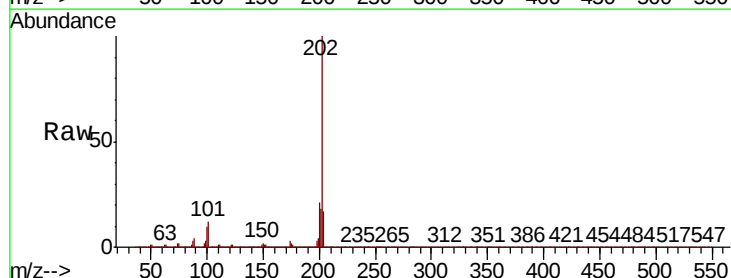
Instrument :
BNA_P
ClientSampleId :

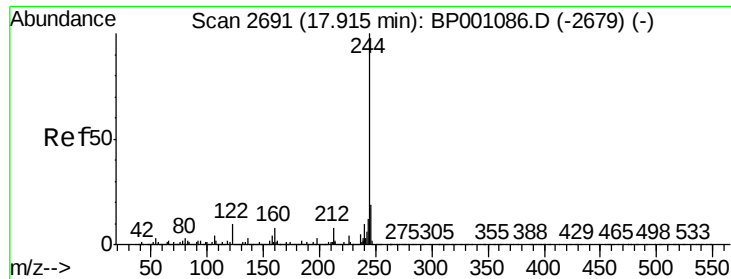
Tot Ion:184 Resp: 153797
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 11.0 9.3 13.9



#78
Pyrene
Concen: 40.396 ng
RT: 17.67 min Scan# 2649
Delta R.T. -0.01 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:202 Resp: 1219725
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 61.714 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampled :

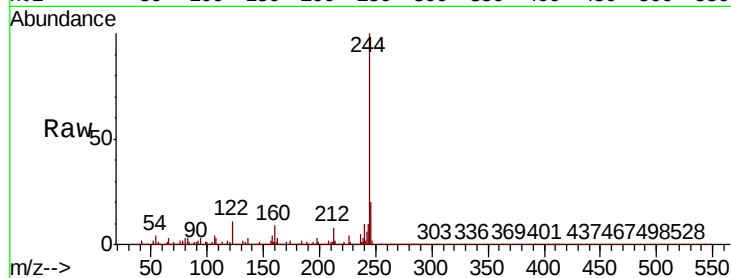
Tot Ion:244 Resp: 1278793

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	11.5	8.2	12.2

244 100

212 8.1 6.2 9.2

122 11.5 8.2 12.2

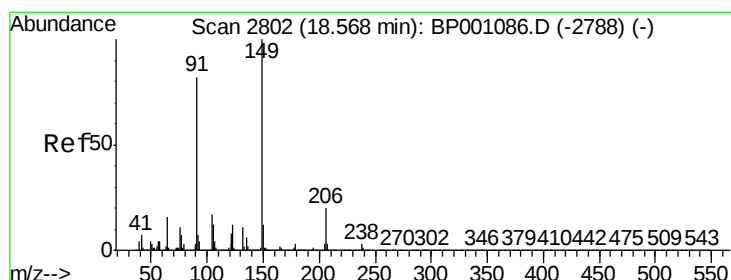
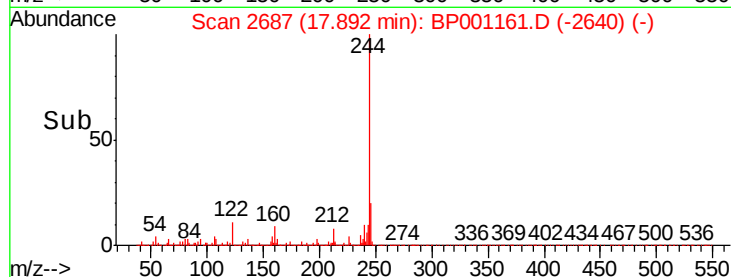
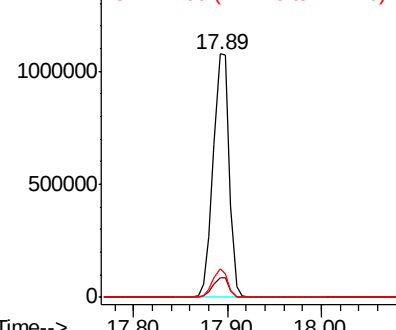


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.156 ng

RT: 18.55 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

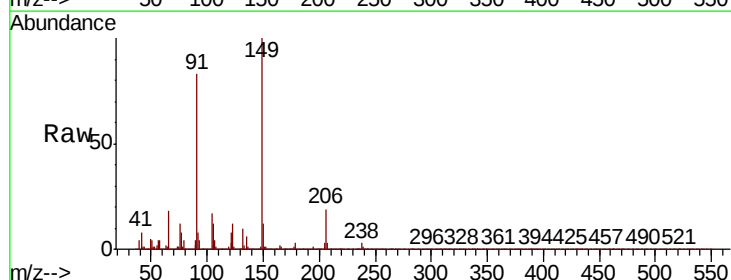
Tgt Ion:149 Resp: 532138

Ion	Ratio	Lower	Upper
149	100		
91	83.1	65.4	98.2
206	19.2	16.0	24.0

149 100

91 83.1 65.4 98.2

206 19.2 16.0 24.0

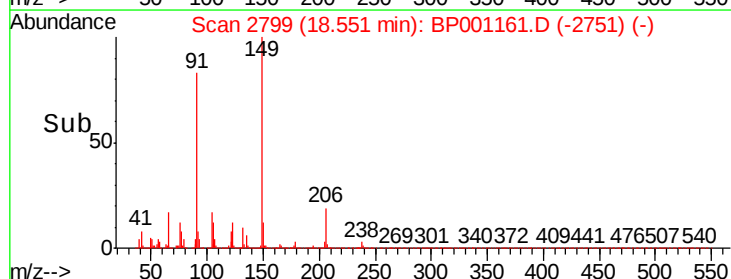
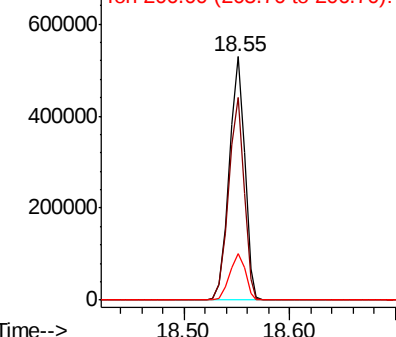


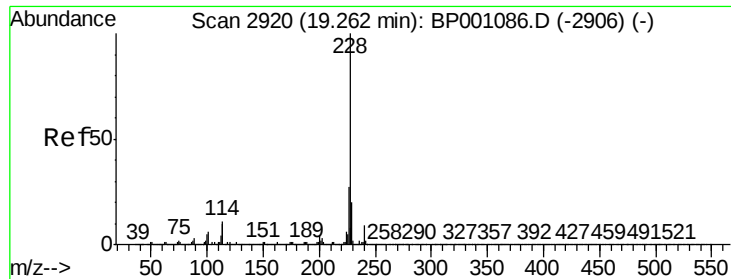
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.831 ng

RT: 19.24 min Scan# 2917

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

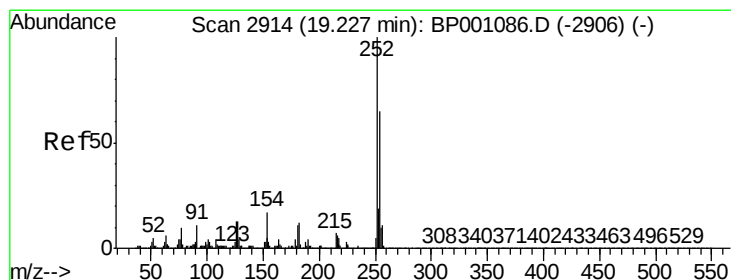
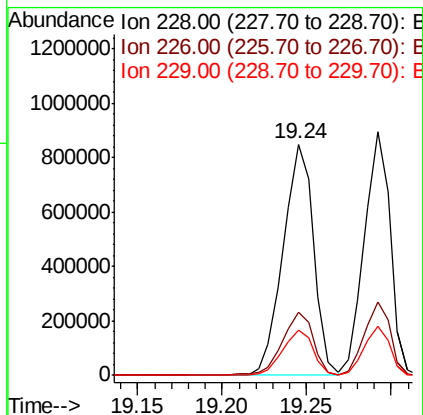
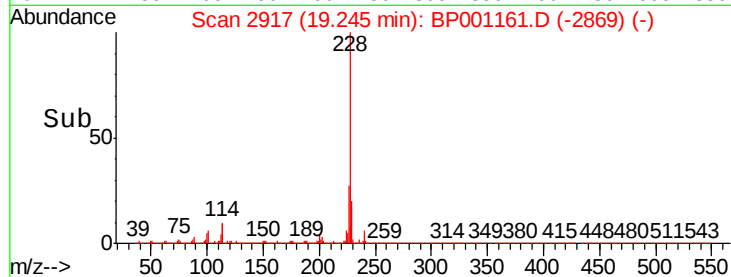
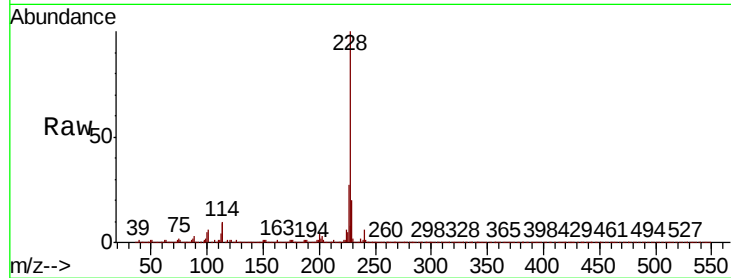
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1058714

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.6	15.8	23.6



#82

3,3'-Dichlorobenzidine

Concen: 37.010 ng

RT: 19.22 min Scan# 2912

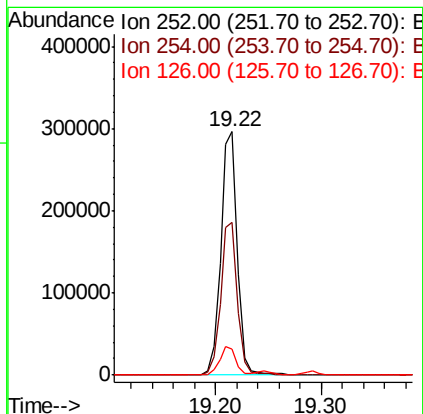
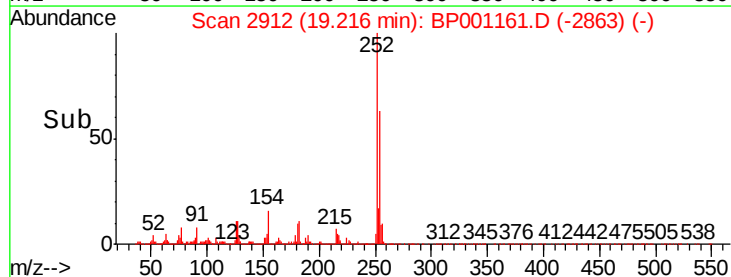
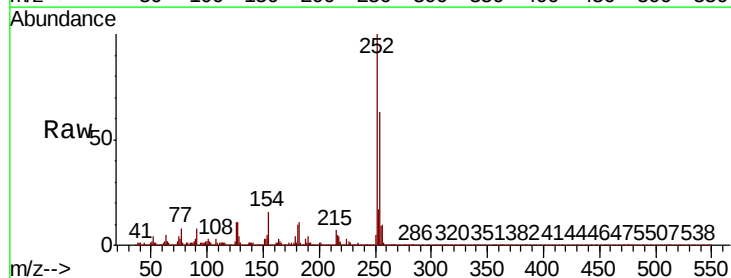
Delta R.T. -0.01 min

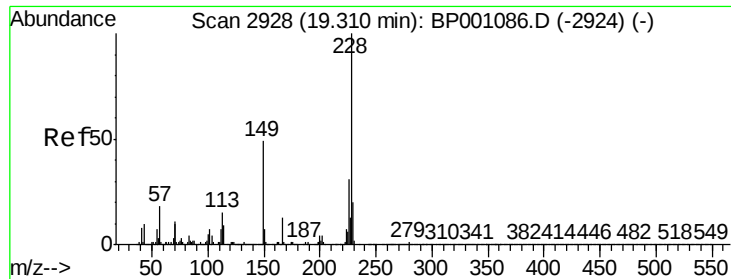
Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Tgt Ion:252 Resp: 324980

Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.7	77.5
126	10.6	10.2	15.4





#83

Chrysene

Concen: 40.265 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampled :

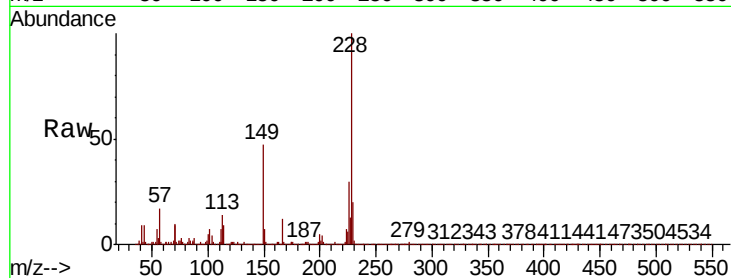
Tot Ion:228 Resp: 958359

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

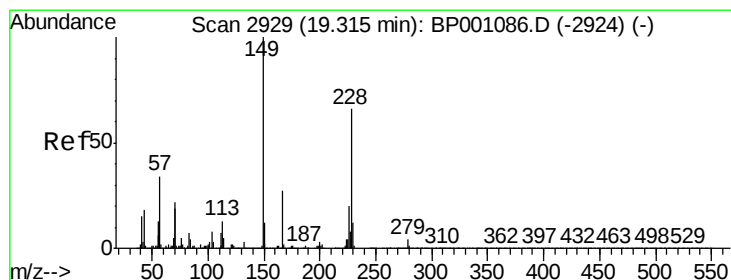
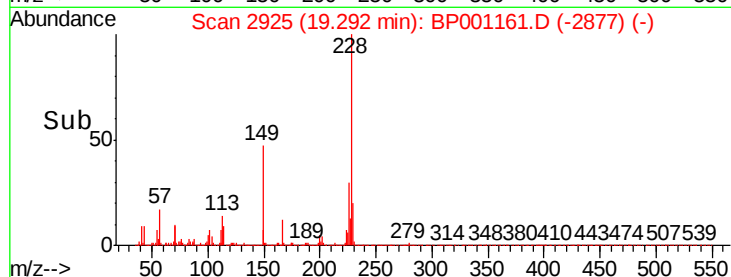
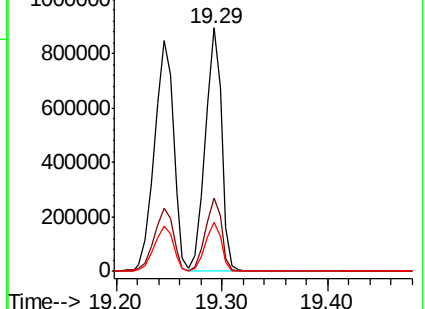
229 19.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.484 ng

RT: 19.30 min Scan# 2926

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

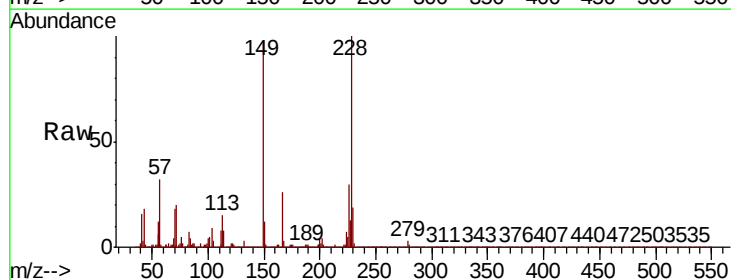
Tgt Ion:149 Resp: 699567

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

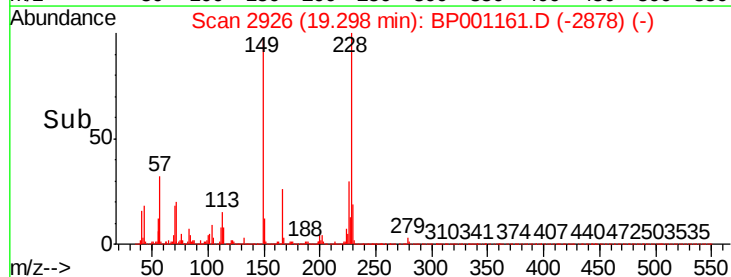
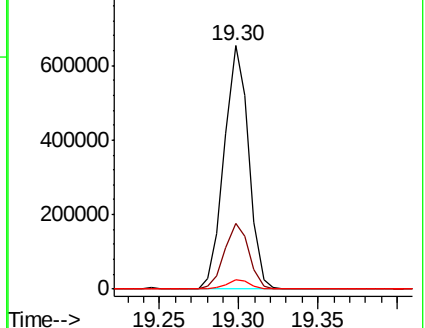
279 3.6 2.8 4.2

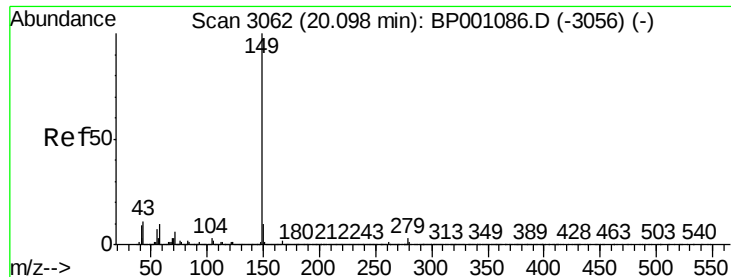


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.483 ng

RT: 20.08 min Scan# 3059

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

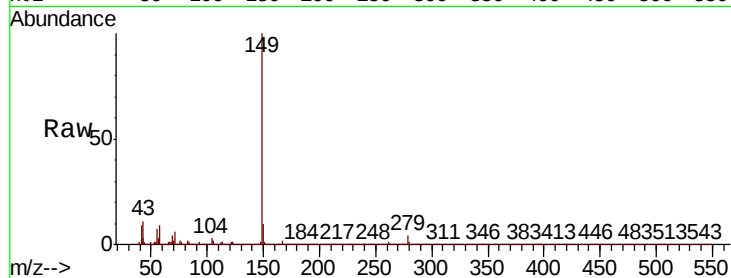
Tot Ion:149 Resp: 1242651

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

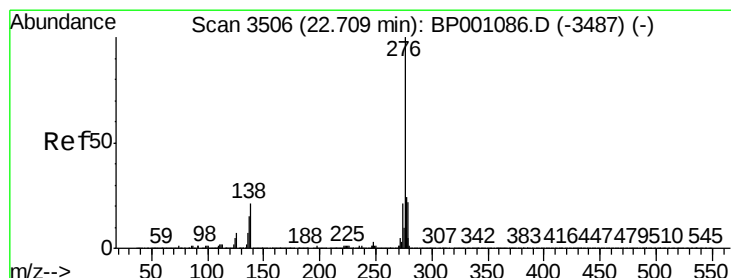
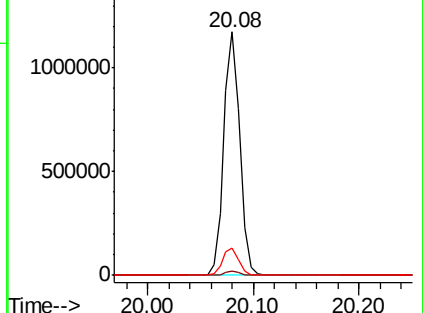
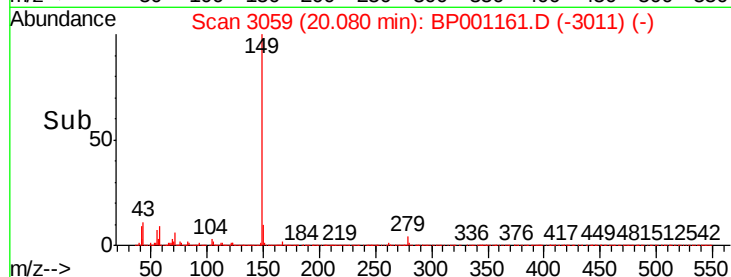
43 11.1 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.550 ng

RT: 22.67 min Scan# 3500

Delta R.T. -0.04 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

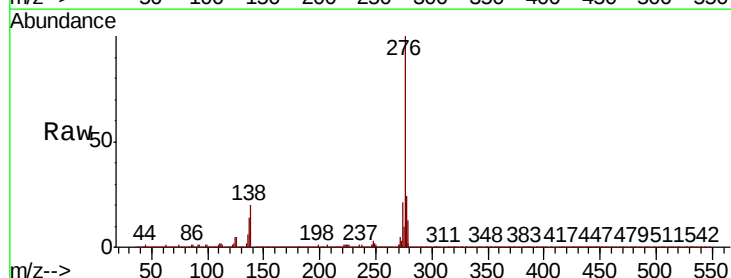
Tgt Ion:276 Resp: 1053311

Ion Ratio Lower Upper

276 100

138 23.7 20.6 30.8

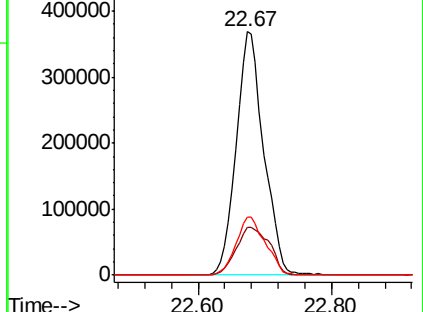
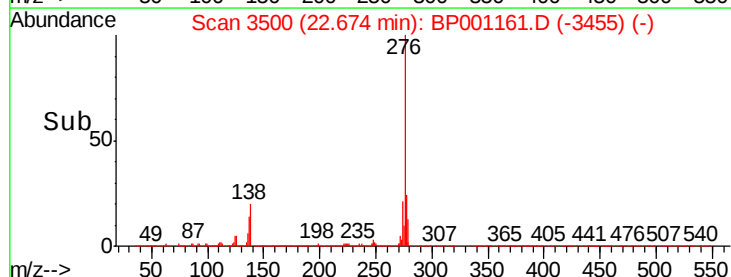
277 25.3 20.0 30.0

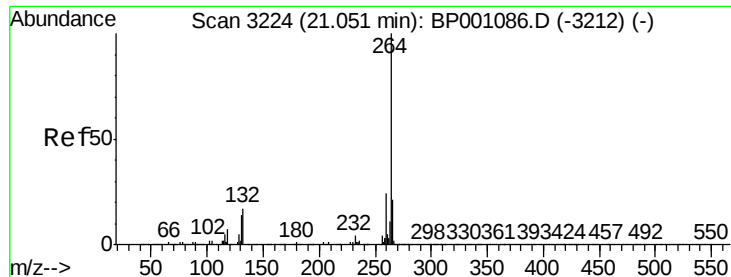


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3220

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

Instrument :

BNA_P

ClientSampleId :

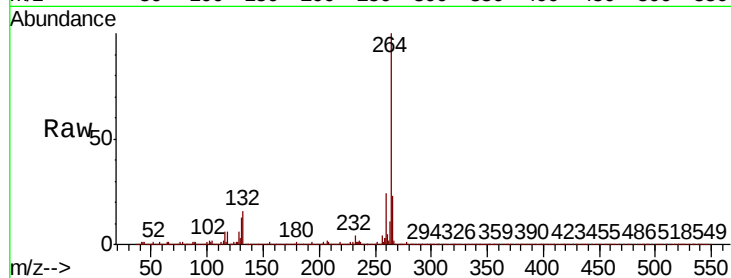
Tot Ion:264 Resp: 331355

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.8 16.9 25.3

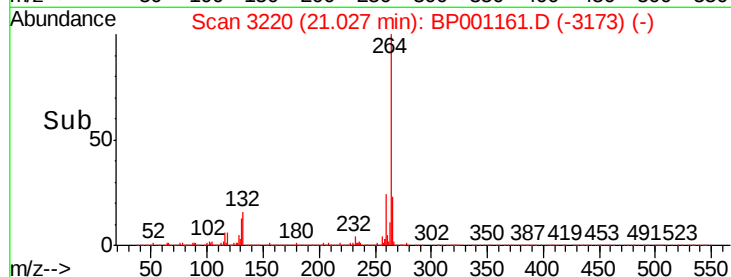


Abundance Ion 264.00 (263.70 to 264.70): E

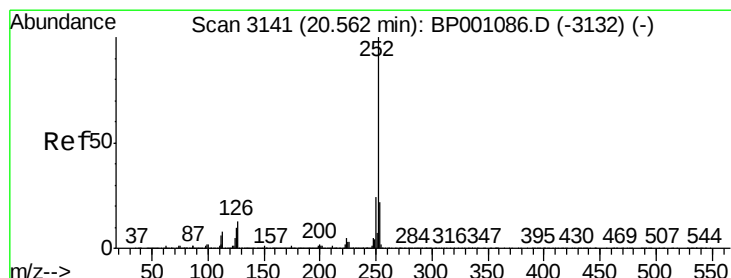
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

21.03



Time--> 20.90 21.00 21.10



#88

Benzo(b)fluoranthene

Concen: 48.984 ng

RT: 20.54 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BP001161.D

Acq: 03 Dec 2019 18:10

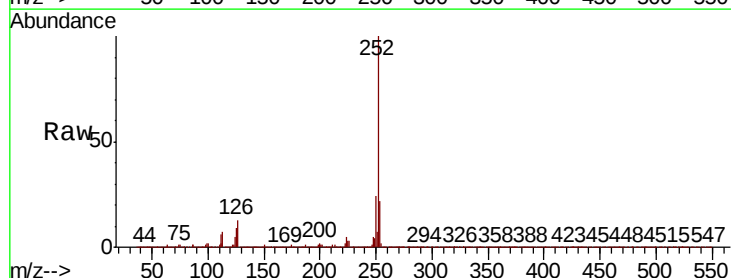
Tgt Ion:252 Resp: 991384

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.3 8.1 12.1

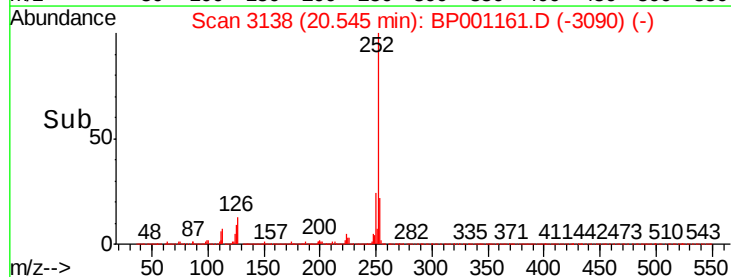


Abundance Ion 252.00 (251.70 to 252.70): E

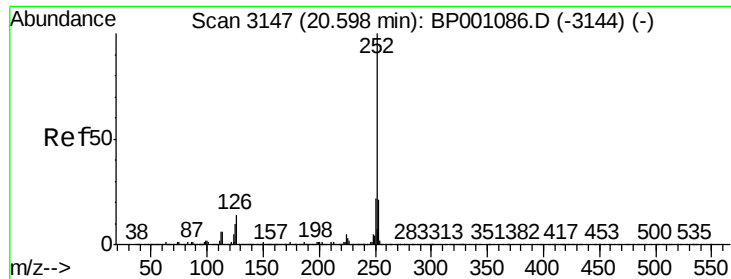
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

20.54



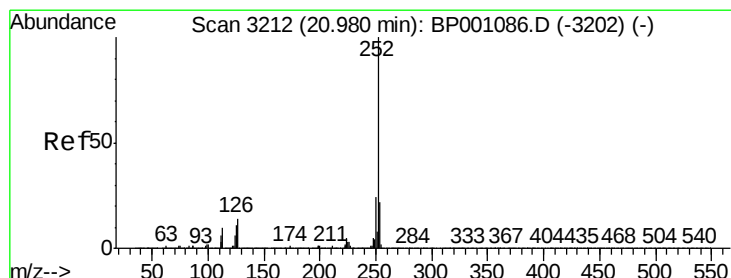
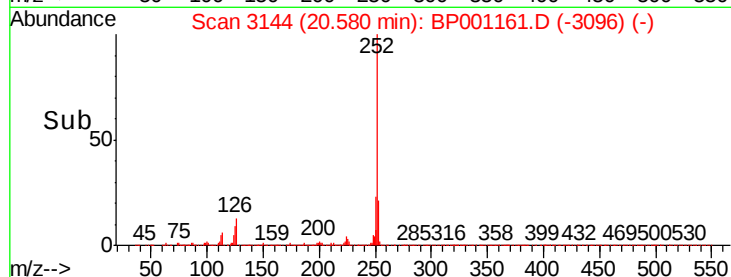
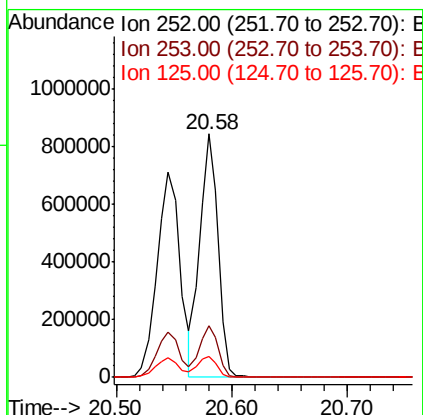
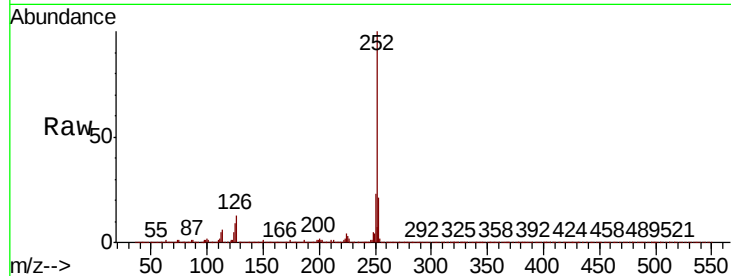
Time--> 20.50 20.55



#89
Benzo(k)fluoranthene
Concen: 48.159 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

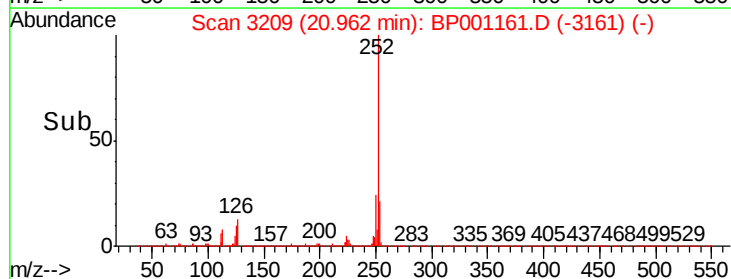
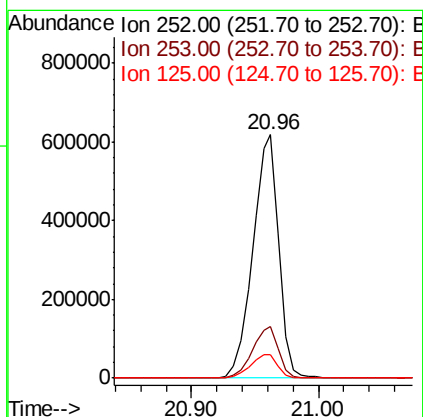
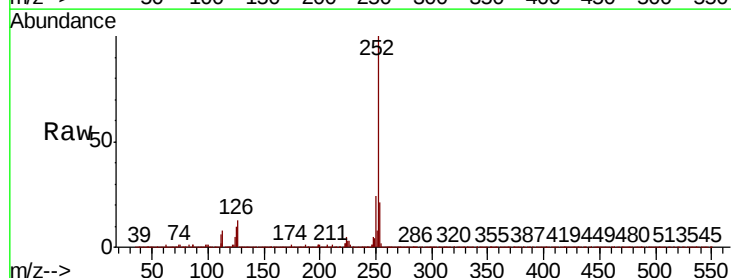
Instrument :
BNA_P
ClientSampleId :

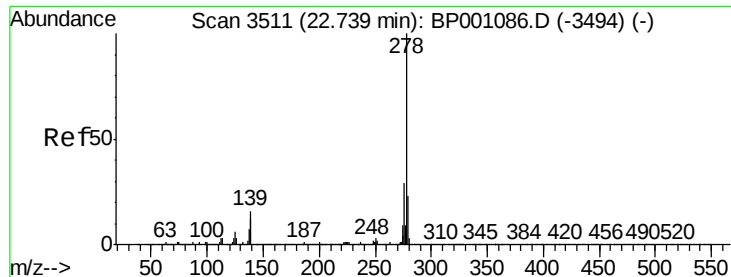
Tot Ion:252 Resp: 938780
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 8.6 8.2 12.2



#90
Benzo(a)pyrene
Concen: 46.993 ng
RT: 20.96 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion:252 Resp: 876056
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 9.6 8.7 13.1

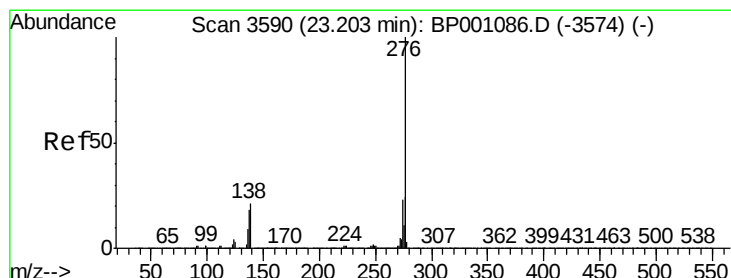
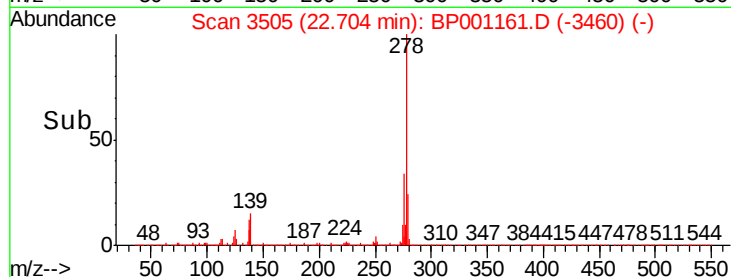
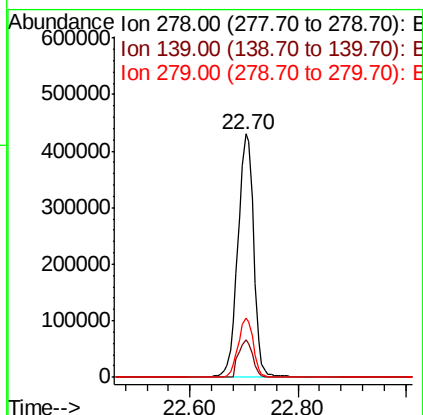
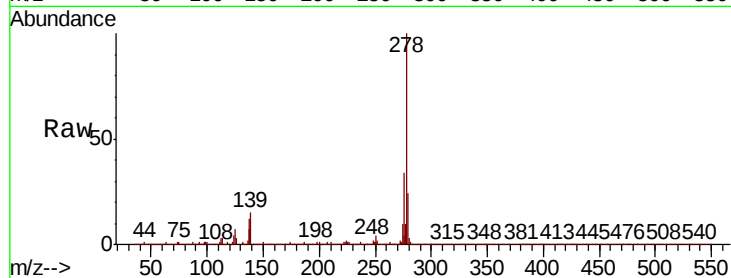




#91
Dibenzo(a,h)anthracene
Concen: 48.452 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.04 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.0	19.4
279	24.1	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 49.236 ng
RT: 23.17 min Scan# 3585
Delta R.T. -0.03 min
Lab File: BP001161.D
Acq: 03 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	20.1	17.2	25.8

