

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001163.D
 Acq On : 03 Dec 2019 19:09
 Operator : JU
 Sample : PB125109BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 03:44:14 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	114031	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	452484	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	257792	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	477458	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	367970	20.00	ng	-0.02
87) Perylene-d12	21.03	264	329234	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	924202	134.47	ng	0.00
7) Phenol-d6	7.77	99	1214552	132.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	677733	64.98	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	307367	124.39	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1103329	62.64	ng	-0.02
79) Terphenyl-d14	17.89	244	1254736	63.09	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	118057	36.773	ng	94
3) Pyridine	3.48	79	301145	33.804	ng	98
4) n-Nitrosodimethylamine	3.39	42	193659	50.237	ng	81
6) Aniline	7.79	93	351404	28.944	ng	# 34
8) 2-Chlorophenol	7.98	128	336763	47.357	ng	99
9) Benzaldehyde	7.61	77	164234	28.534	ng	97
10) Phenol	7.79	94	482754	46.349	ng	89
11) bis(2-Chloroethyl)ether	7.92	93	356401	43.943	ng	98
12) 1,3-Dichlorobenzene	8.22	146	359761	42.683	ng	98
13) 1,4-Dichlorobenzene	8.34	146	370373	43.621	ng	98
14) 1,2-Dichlorobenzene	8.58	146	352073	44.059	ng	99
15) Benzyl Alcohol	8.55	79	368146	48.978	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	552512	42.372	ng	99
17) 2-Methylphenol	8.74	107	299636	45.935	ng	97
18) Hexachloroethane	9.12	117	153699	43.759	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	290887	44.025	ng	93
20) 3+4-Methylphenols	8.98	107	382824	46.557	ng	98
22) Acetophenone	8.96	105	551618	41.478	ng	# 96
24) Nitrobenzene	9.23	77	450059	43.397	ng	99
25) Isophorone	9.62	82	784594	41.953	ng	98
26) 2-Nitrophenol	9.74	139	172140	45.316	ng	96
27) 2,4-Dimethylphenol	9.83	122	295699	49.144	ng	95
28) bis(2-Chloroethoxy)methane	9.99	93	452766	38.586	ng	100
29) 2,4-Dichlorophenol	10.13	162	291400	42.551	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	329119	41.146	ng	98
31) Naphthalene	10.39	128	978569	42.345	ng	100
32) Benzoic acid	10.02	122	196221	45.108	ng	98
33) 4-Chloroaniline	10.48	127	227889	22.724	ng	98
34) Hexachlorobutadiene	10.60	225	206960	41.131	ng	99
35) Caprolactam	11.05	113	53268	22.569	ng	98
36) 4-Chloro-3-methylphenol	11.29	107	351236	43.258	ng	100
37) 2-Methylnaphthalene	11.52	142	670264	42.505	ng	97
38) 1-Methylnaphthalene	11.67	142	631341	42.383	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	324924	39.995	ng	99

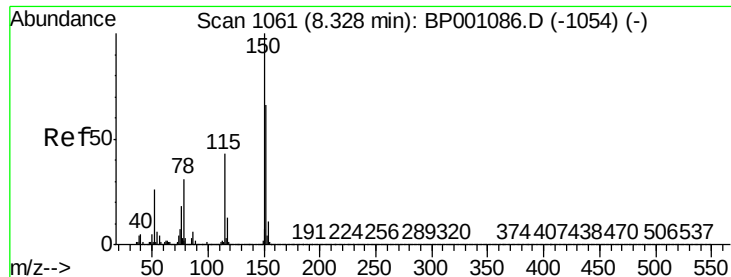
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	297388	79.348	ng	99
43) 2,4,6-Trichlorophenol	11.98	196	216345	40.785	ng	97
44) 2,4,5-Trichlorophenol	12.04	196	235181	42.790	ng	98
46) 1,1'-Biphenyl	12.29	154	802296	40.270	ng	100
47) 2-Chloronaphthalene	12.30	162	629050	39.528	ng	97
48) 2-Nitroaniline	12.47	65	254967	40.879	ng	97
49) Acenaphthylene	12.98	152	997389	41.811	ng	99
50) Dimethylphthalate	12.81	163	754280	39.122	ng	100
51) 2,6-Dinitrotoluene	12.89	165	168557	40.840	ng	98
52) Acenaphthene	13.27	154	574931	40.067	ng	99
53) 3-Nitroaniline	13.15	138	125223	27.009	ng	95
54) 2,4-Dinitrophenol	13.33	184	131515	78.189	ng	# 86
55) Dibenzofuran	13.56	168	891589	41.349	ng	99
56) 4-Nitrophenol	13.45	139	285011	86.753	ng	83
57) 2,4-Dinitrotoluene	13.55	165	220348	42.593	ng	# 86
58) Fluorene	14.12	166	710370	41.114	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	196172	43.421	ng	98
60) Diethylphthalate	13.98	149	778192	38.981	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	352952	40.116	ng	99
62) 4-Nitroaniline	12.47	138	206992	38.508	ng	92
63) Azobenzene	14.40	77	876526	40.619	ng	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	94072	46.209	ng	95
66) n-Nitrosodiphenylamine	14.33	169	617434	42.560	ng	100
67) 4-Bromophenyl-phenylether	14.93	248	207206	39.973	ng	94
68) Hexachlorobenzene	15.02	284	229576	40.285	ng	98
69) Atrazine	15.22	200	209792	47.362	ng	99
70) Pentachlorophenol	15.33	266	269122	90.608	ng	99
71) Phenanthrene	15.65	178	1056438	42.087	ng	99
72) Anthracene	15.73	178	1077419	43.548	ng	99
73) Carbazole	15.97	167	960495	42.663	ng	99
74) Di-n-butylphthalate	16.53	149	1214590	40.125	ng	99
75) Fluoranthene	17.36	202	1163374	43.779	ng	97
77) Benzidine	17.55	184	150488	15.840	ng	97
78) Pyrene	17.66	202	1175602	40.563	ng	100
80) Butylbenzylphthalate	18.55	149	520301	38.868	ng	98
81) Benzo(a)anthracene	19.25	228	1028027	40.295	ng	100
82) 3,3'-Dichlorobenzidine	19.21	252	316571	37.560	ng	99
83) Chrysene	19.29	228	941790	41.224	ng	100
84) Bis(2-ethylhexyl)phthalate	19.30	149	682772	37.098	ng	100
85) Di-n-octyl phthalate	20.08	149	1214423	37.145	ng	99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1047094	38.890	ng	97
88) Benzo(b)fluoranthene	20.55	252	987993	49.131	ng	98
89) Benzo(k)fluoranthene	20.58	252	914237	47.202	ng	98
90) Benzo(a)pyrene	20.96	252	865643	46.734	ng	98
91) Dibenzo(a,h)anthracene	22.70	278	882252	48.671	ng	98
92) Benzo(g,h,i)perylene	23.17	276	898691	50.209	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

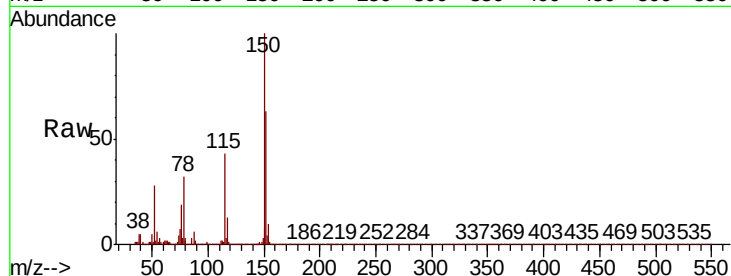
Tot Ion:152 Resp: 114031

Ion Ratio Lower Upper

152 100

150 159.7 120.6 181.0

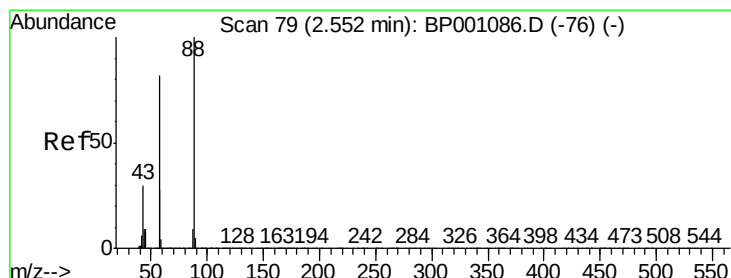
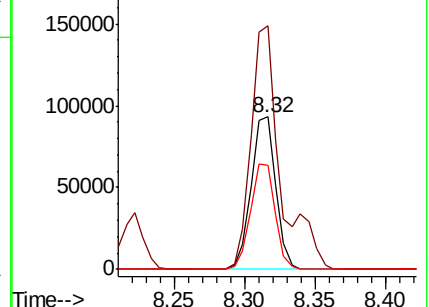
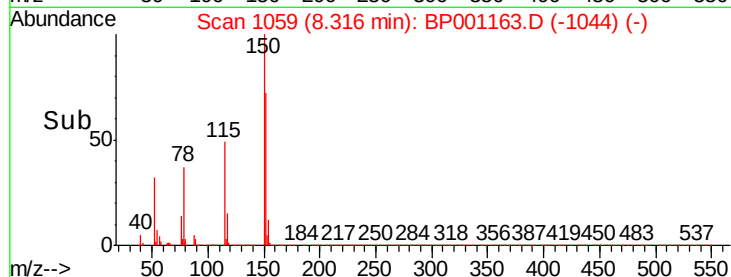
115 67.9 51.6 77.4



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: 36.773 ng

RT: 2.62 min Scan# 91

Delta R.T. 0.07 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

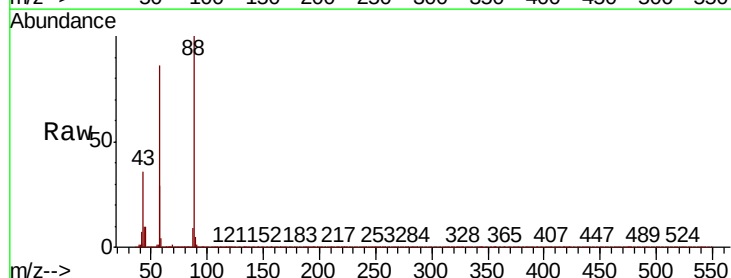
Tgt Ion: 88 Resp: 118057

Ion Ratio Lower Upper

88 100

58 84.9 64.3 96.5

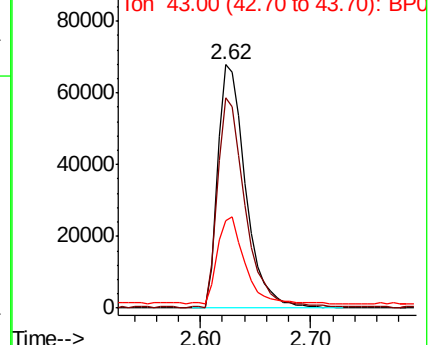
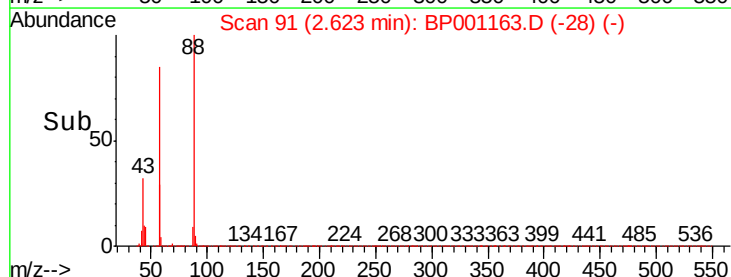
43 34.9 23.8 35.6

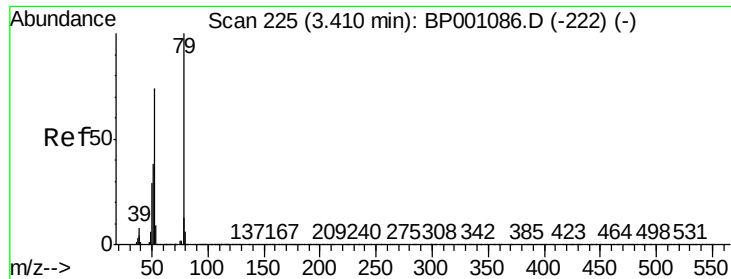


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 33.804 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.07 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

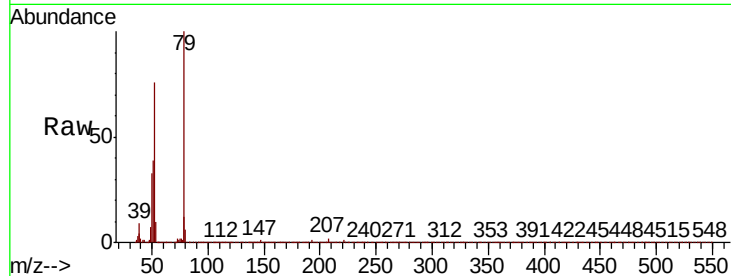
Tot Ion: 79 Resp: 301145

Ion Ratio Lower Upper

79 100

52 76.1 59.4 89.2

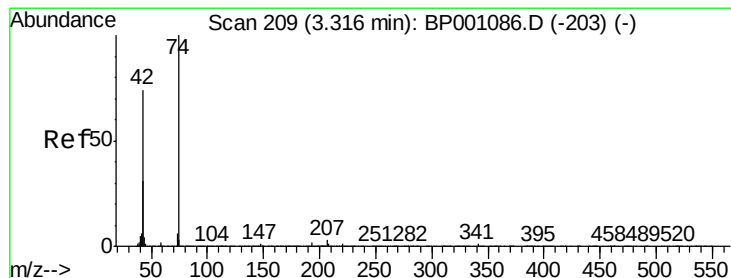
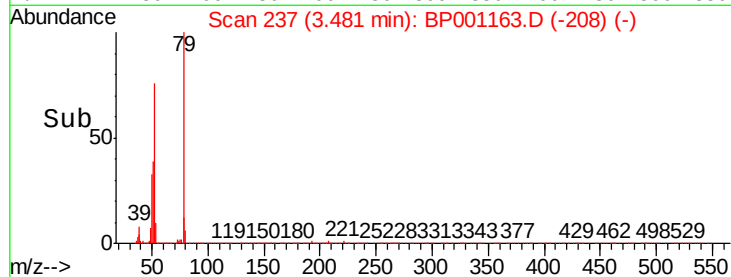
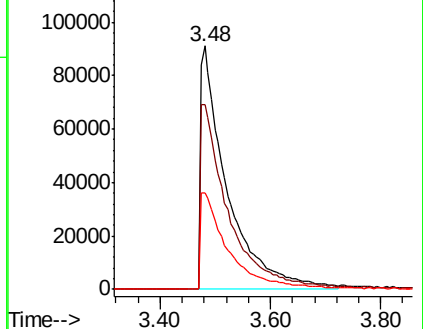
51 39.5 30.2 45.4



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 50.237 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.07 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

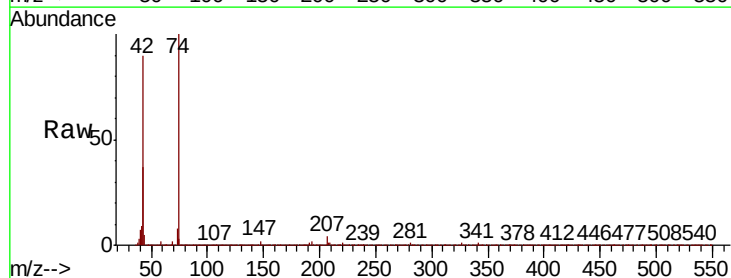
Tgt Ion: 42 Resp: 193659

Ion Ratio Lower Upper

42 100

74 111.7 108.6 163.0

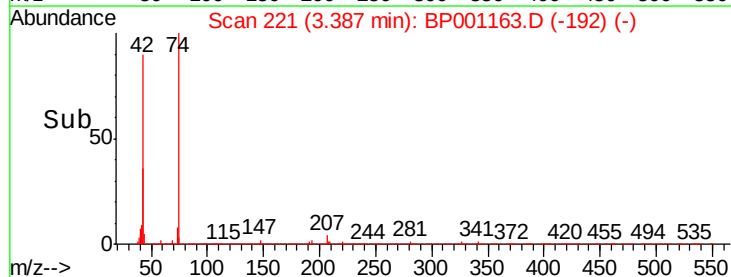
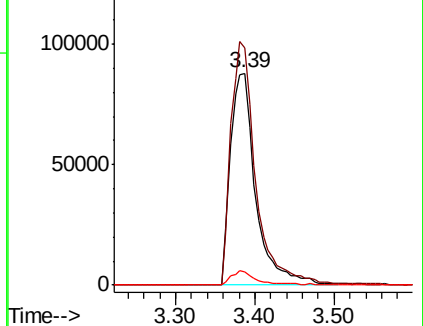
44 6.0 5.1 7.7

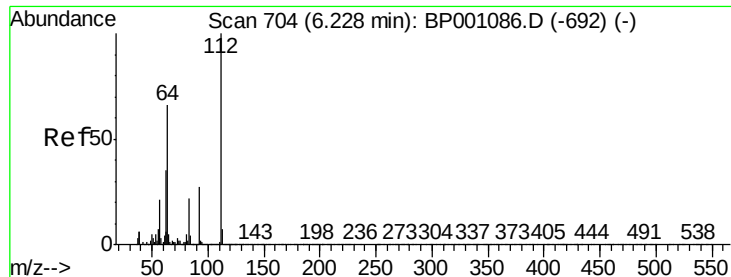


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 134.466 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

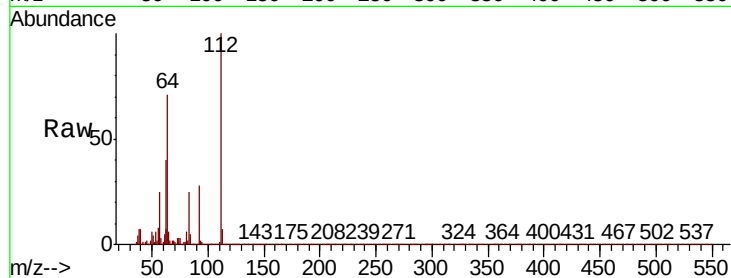
Tot Ion:112 Resp: 924202

Ion Ratio Lower Upper

112 100

64 70.6 52.8 79.2

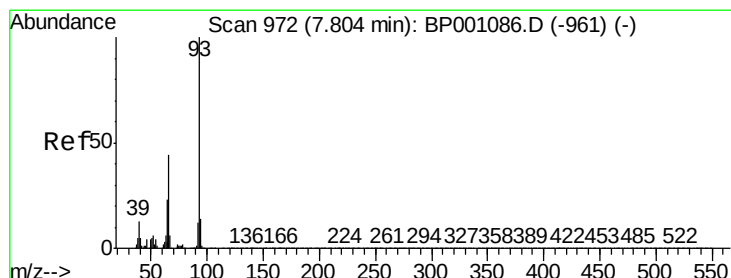
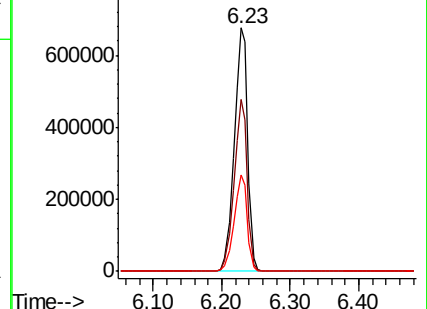
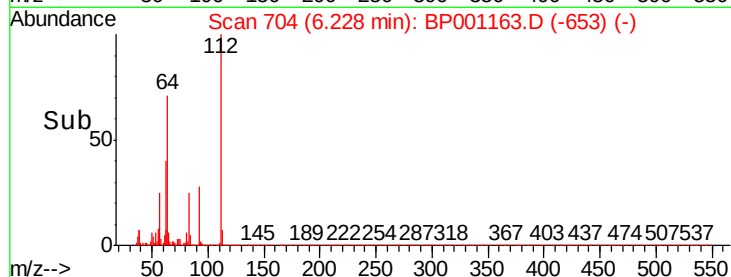
63 39.7 28.2 42.2



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: 28.944 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

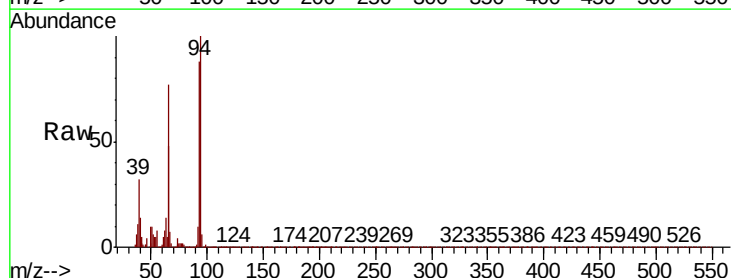
Tgt Ion: 93 Resp: 351404

Ion Ratio Lower Upper

93 100

66 86.9 34.9 52.3#

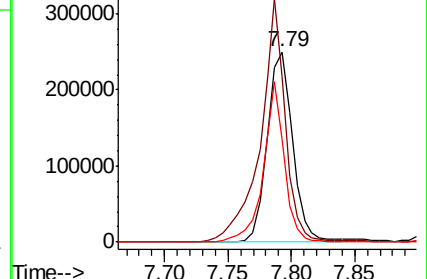
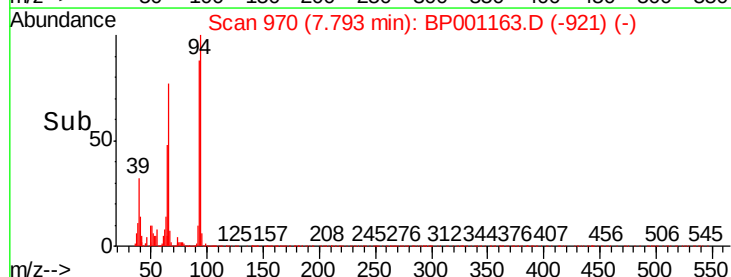
65 54.4 18.5 27.7#

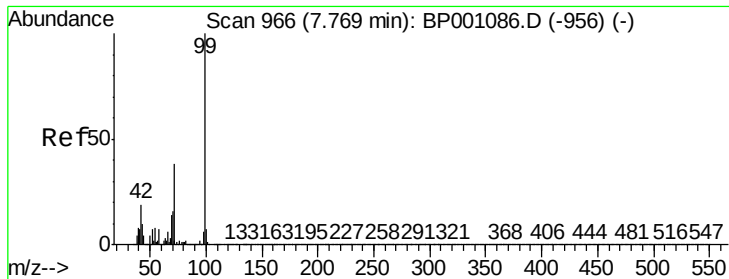


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 132.641 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

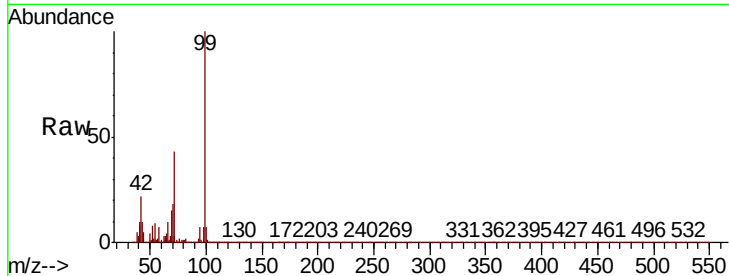
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1214552

Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.4	23.0
71	42.7	30.8	46.2

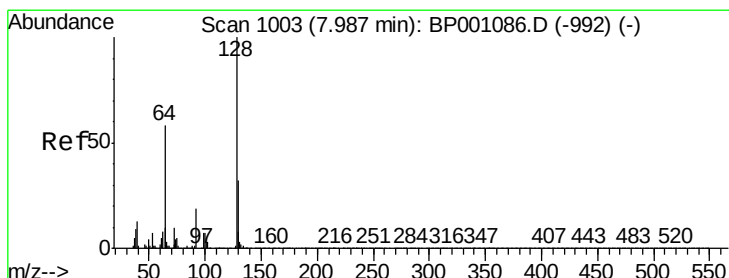
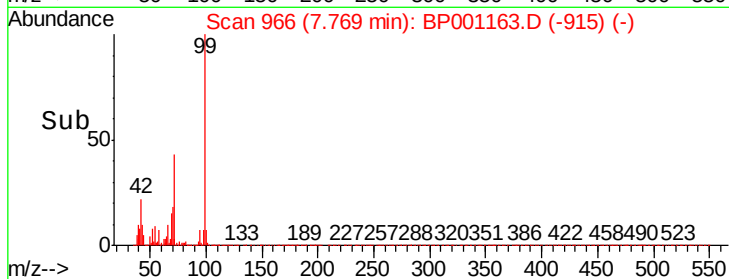
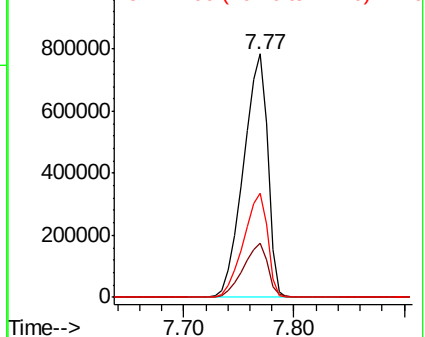


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 47.357 ng

RT: 7.98 min Scan# 1002

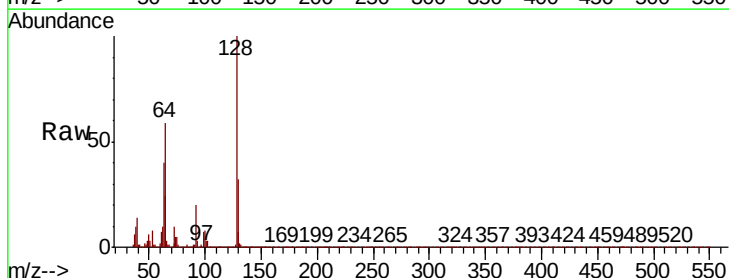
Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion: 128 Resp: 336763

Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.7	51.7
64	58.5	39.7	79.7

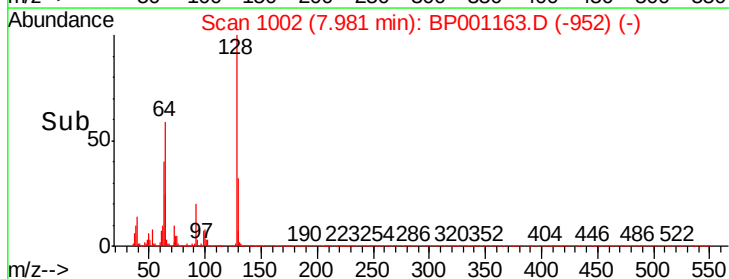
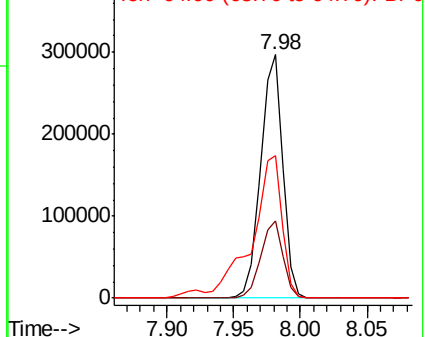


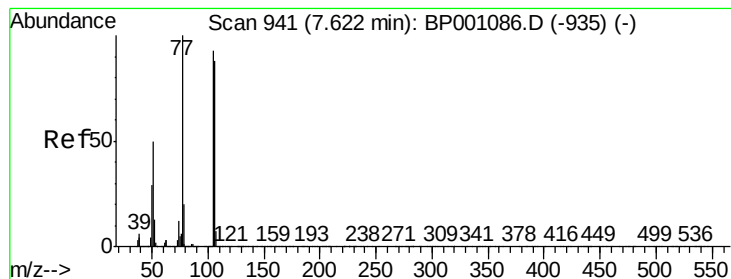
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 28.534 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

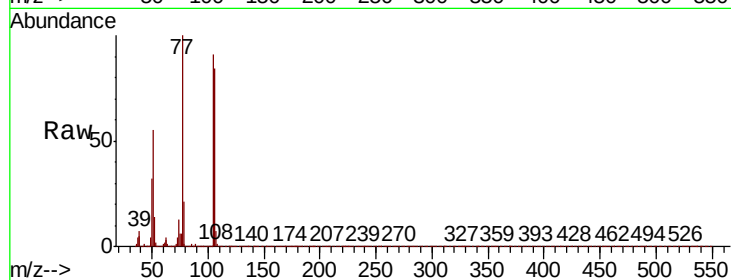
Tot Ion: 77 Resp: 164234

Ion Ratio Lower Upper

77 100

105 91.1 72.5 112.5

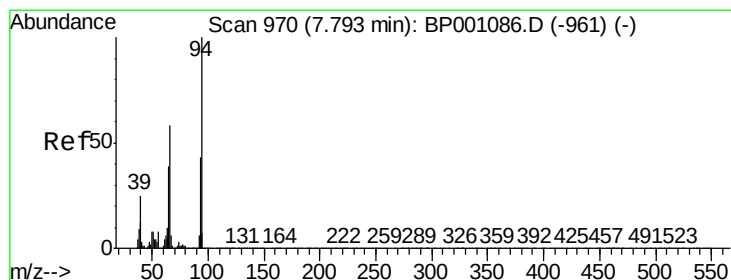
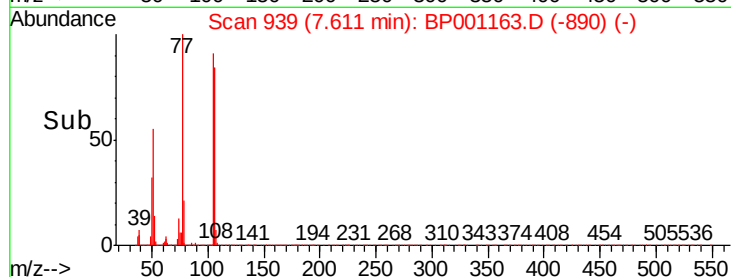
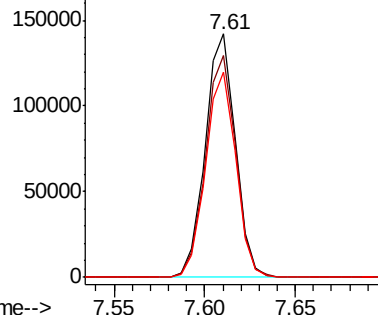
106 84.1 67.6 107.6



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: 46.349 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

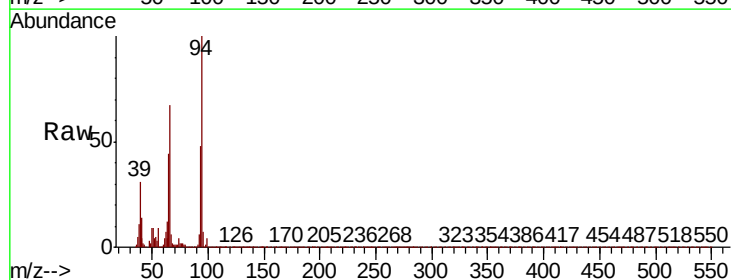
Tgt Ion: 94 Resp: 482754

Ion Ratio Lower Upper

94 100

65 43.8 18.6 58.6

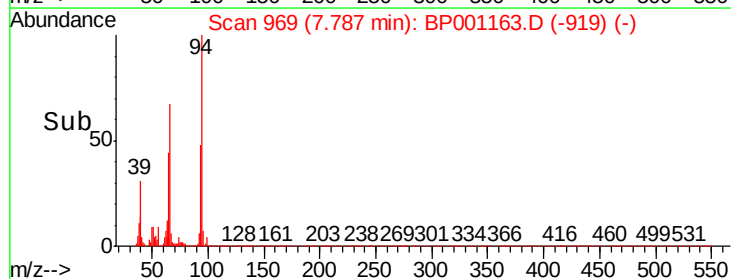
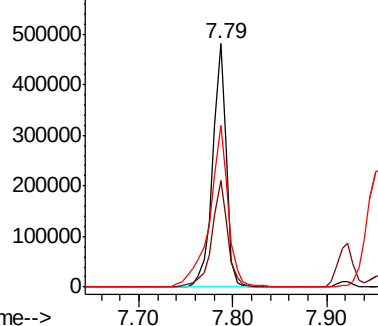
66 66.5 37.6 77.6

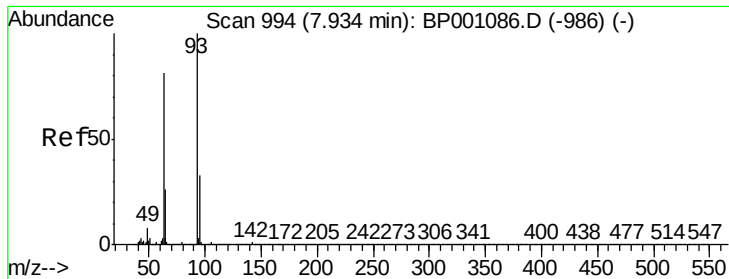


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

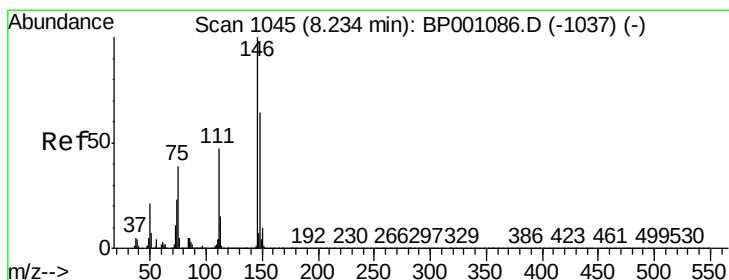
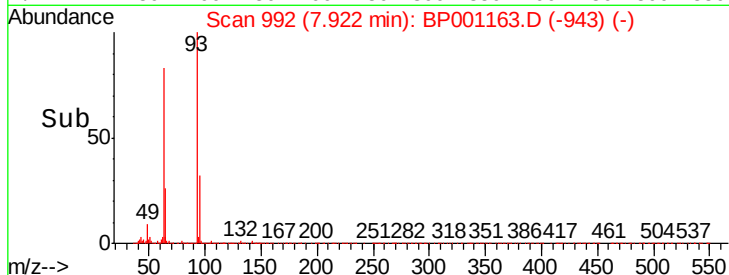
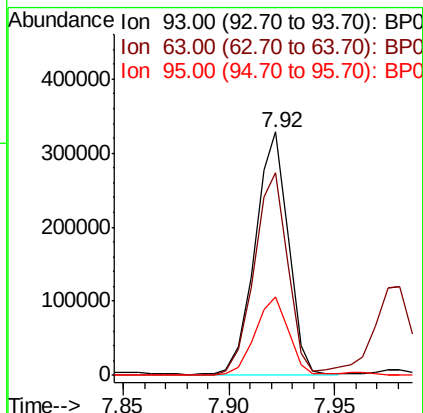
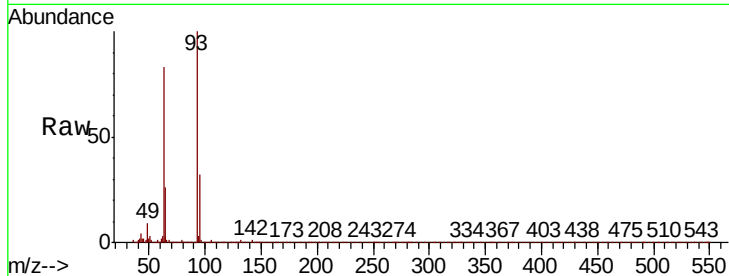




#11
bis(2-Chloroethyl)ether
Concen: 43.943 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

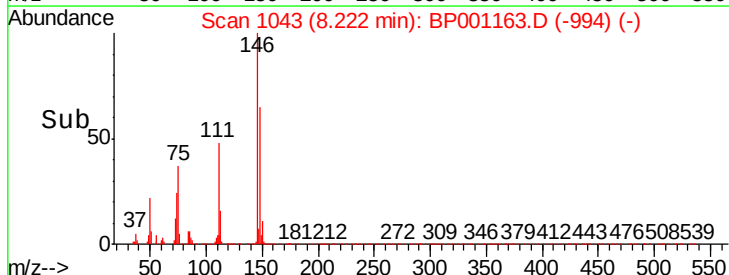
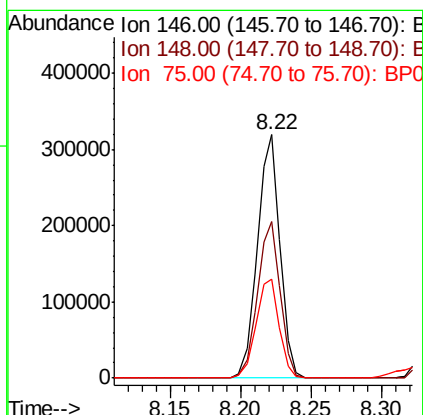
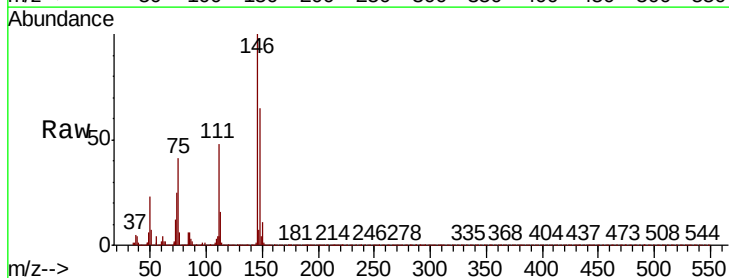
Instrument :
BNA_P
ClientSampleId :

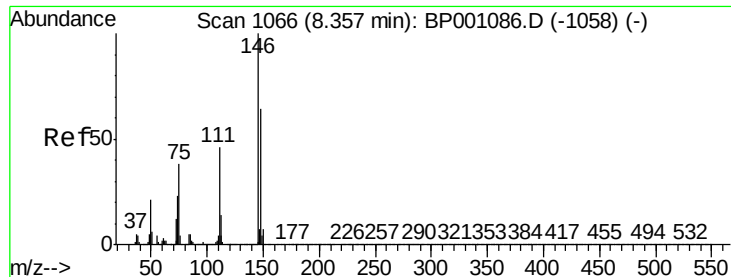
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	60.7	100.7
95	32.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.683 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
75	40.8	31.3	46.9

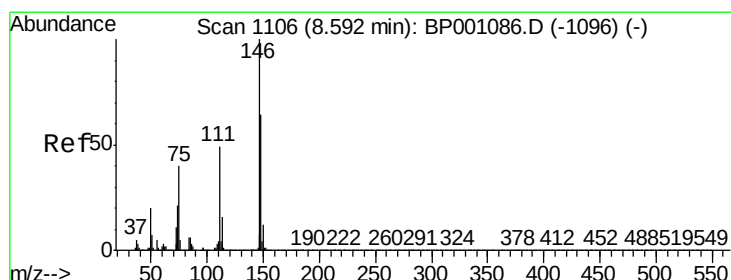
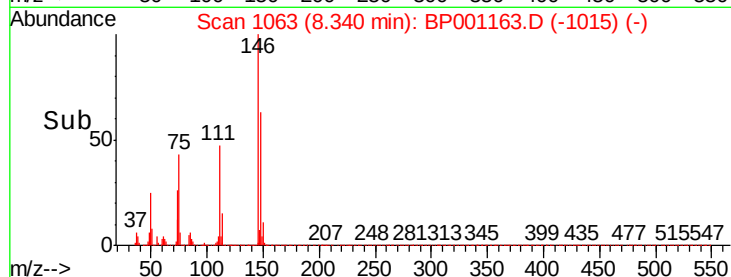
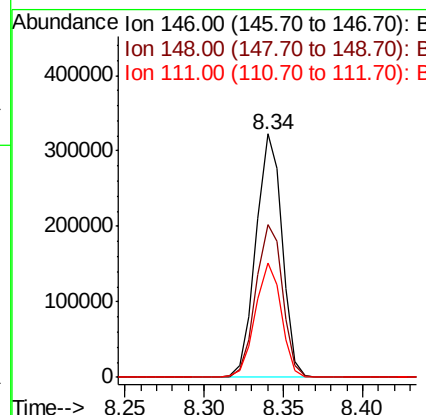
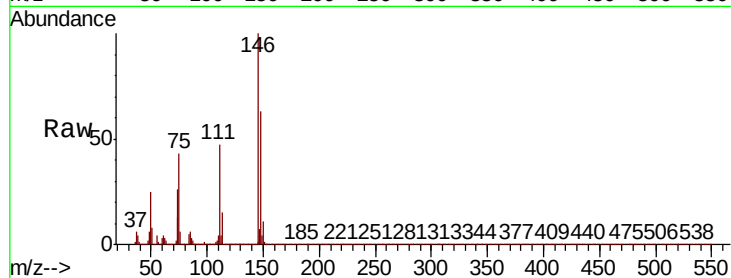




#13
1,4-Dichlorobenzene
Concen: 43.621 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

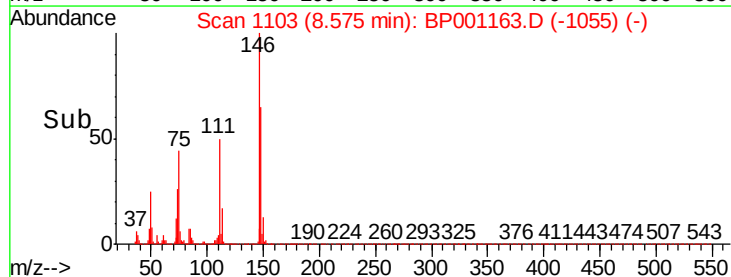
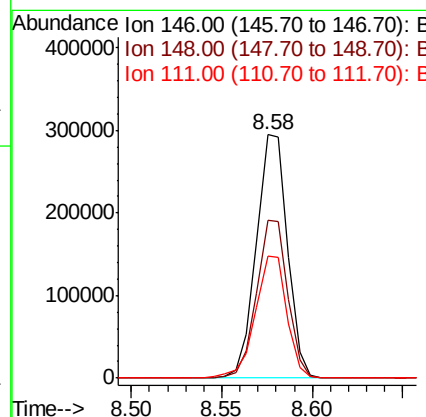
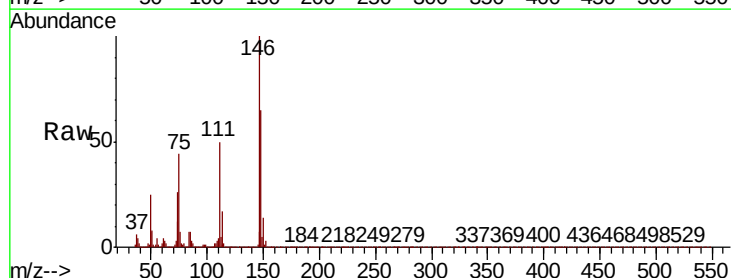
Instrument :
BNA_P
ClientSampleId :

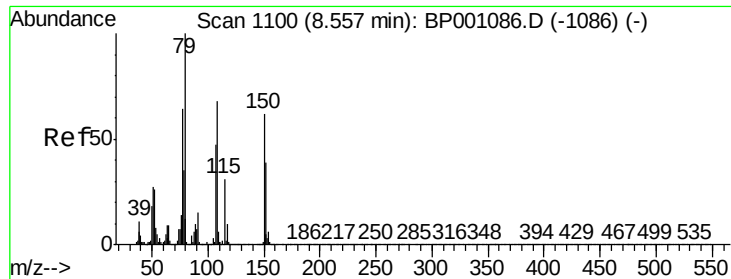
Tot Ion:146 Resp: 370373
Ion Ratio Lower Upper
146 100
148 62.7 51.6 77.4
111 47.1 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 44.059 ng
RT: 8.58 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:146 Resp: 352073
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 50.4 39.3 58.9

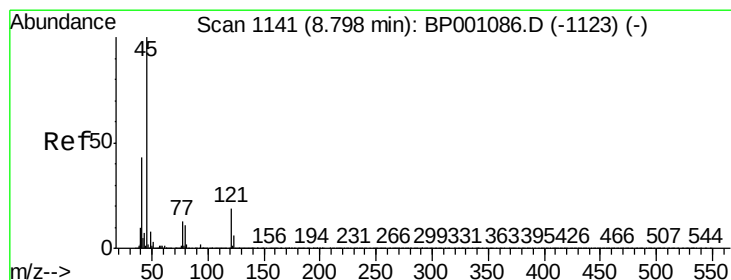
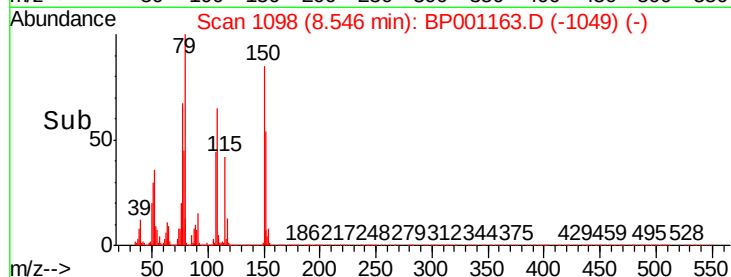
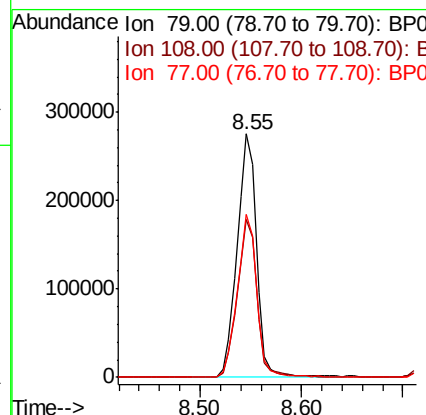
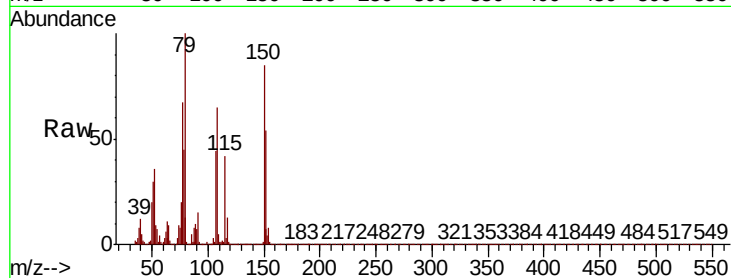




#15
Benzyl Alcohol
Concen: 48.978 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

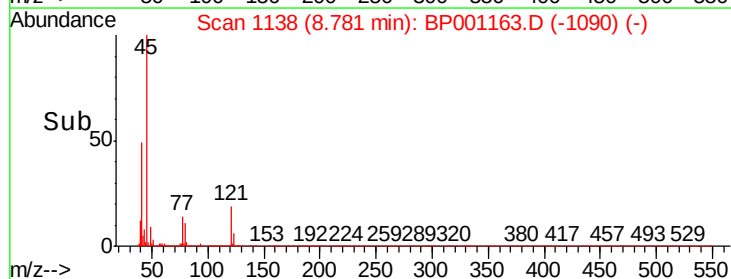
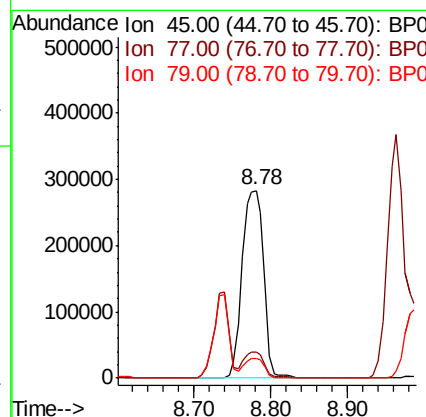
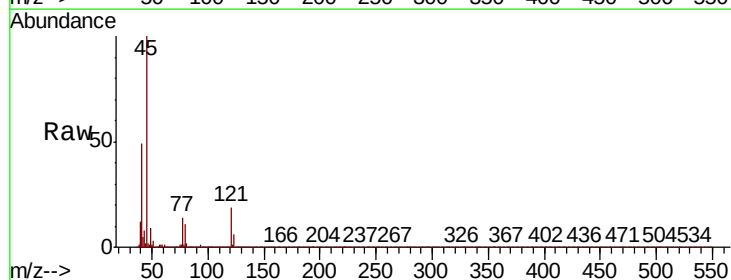
Instrument :
BNA_P
ClientSampleId :

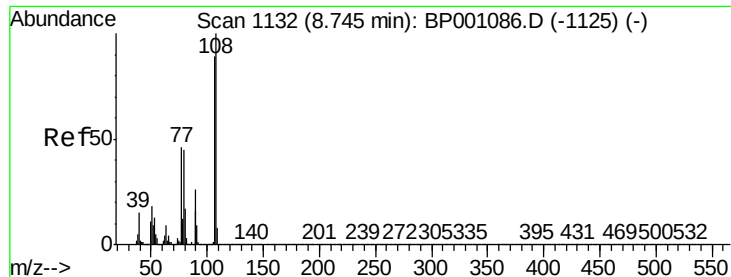
Tot Ion	Ratio	Lower	Upper
79	100		
108	64.8	54.8	82.2
77	66.9	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.372 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.3
79	10.7	0.0	30.9





#17

2-Methylphenol

Concen: 45.935 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 299636

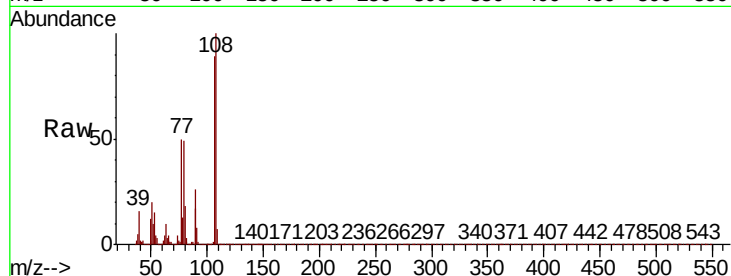
Ion Ratio Lower Upper

107 100

108 112.3 89.8 134.6

77 56.4 41.4 62.2

79 54.8 40.6 61.0

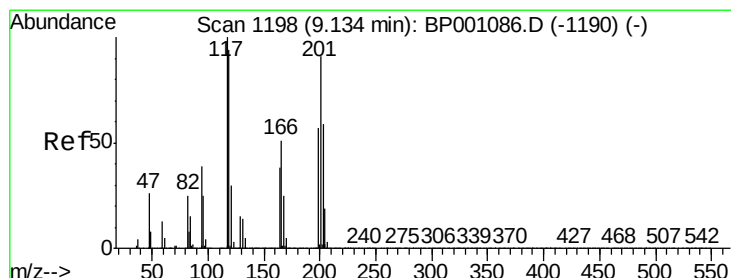
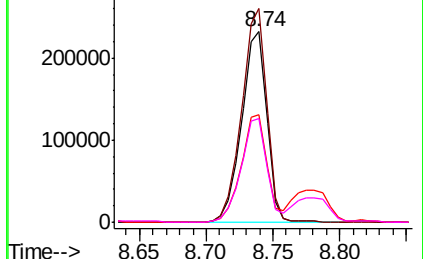
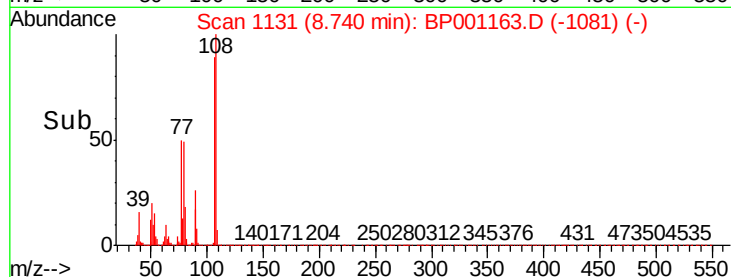


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 43.759 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

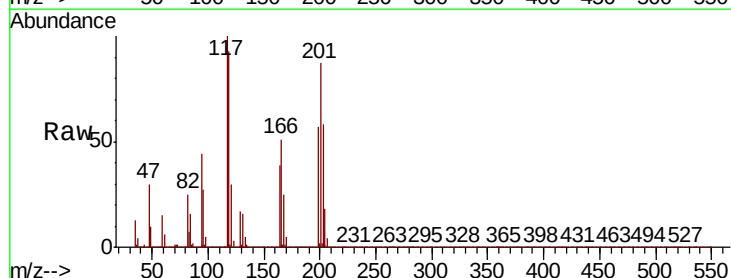
Tgt Ion:117 Resp: 153699

Ion Ratio Lower Upper

117 100

119 92.6 75.2 112.8

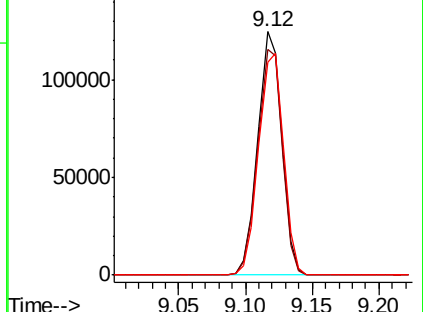
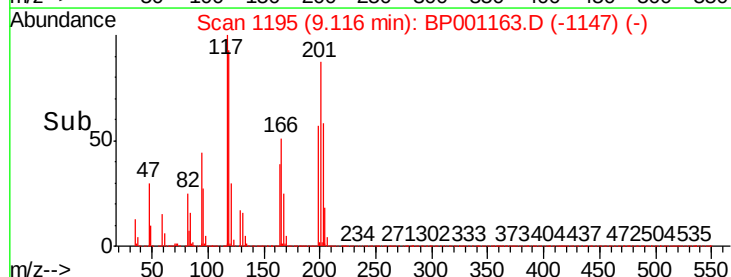
201 87.3 72.5 108.7

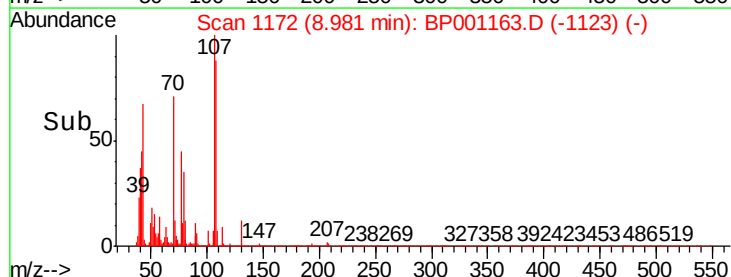
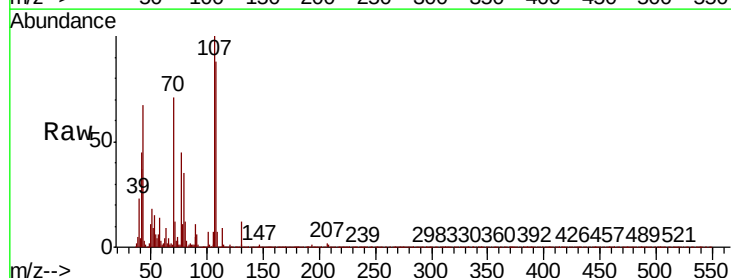
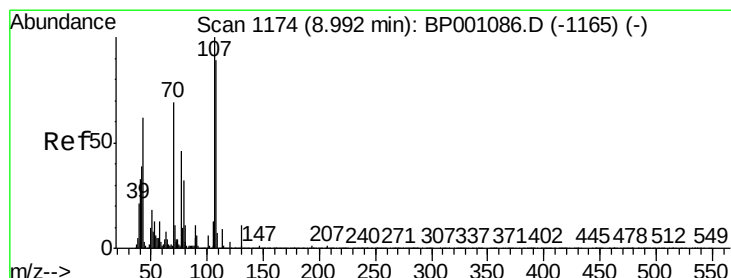
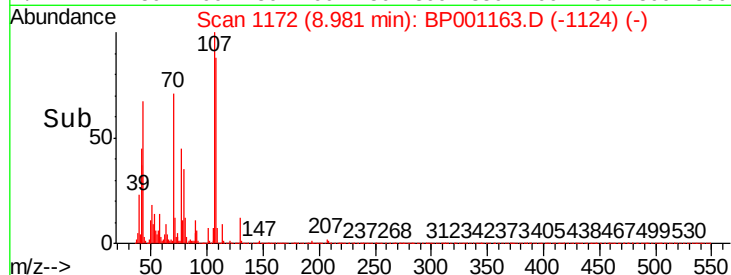
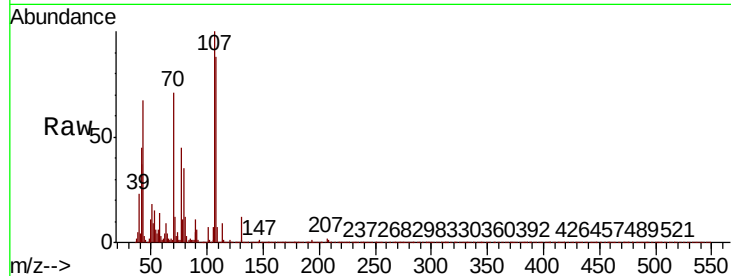
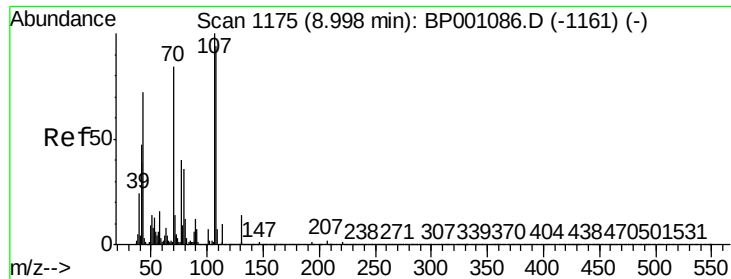


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

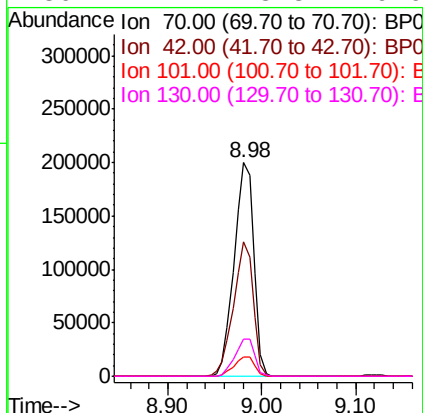




#19
n-Nitroso-di-n-propylamine
Concen: 44.025 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

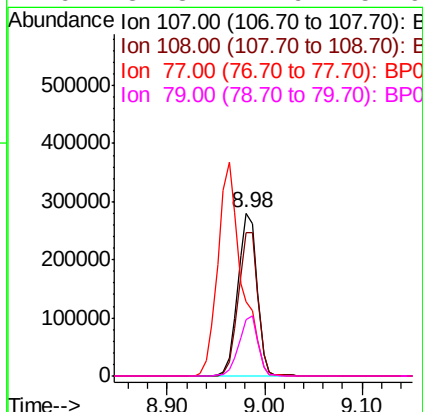
Instrument :
BNA_P
ClientSampleId :

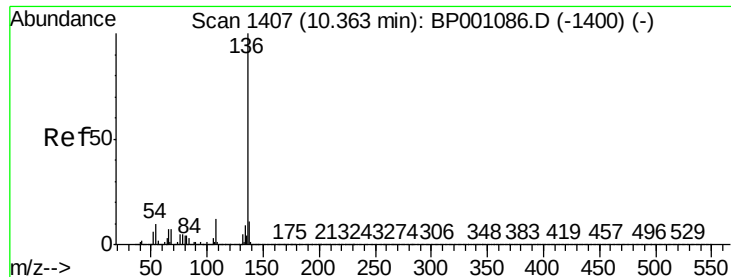
Tot Ion:	70	Resp:	290887
Ion	Ratio	Lower	Upper
70	100		
42	62.7	44.6	66.8
101	9.3	7.1	10.7
130	17.4	13.8	20.6



#20
3+4-Methylphenols
Concen: 46.557 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:	107	Resp:	382824
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.9	108.9
77	45.4	25.9	65.9
79	34.8	11.9	51.9

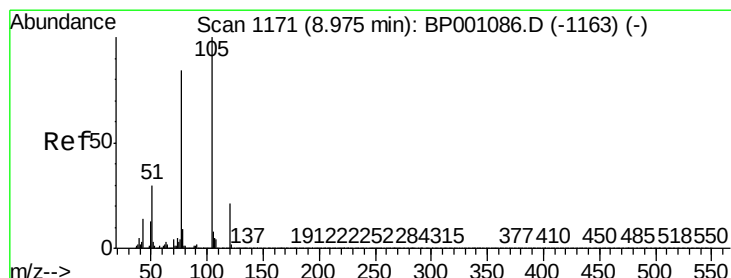
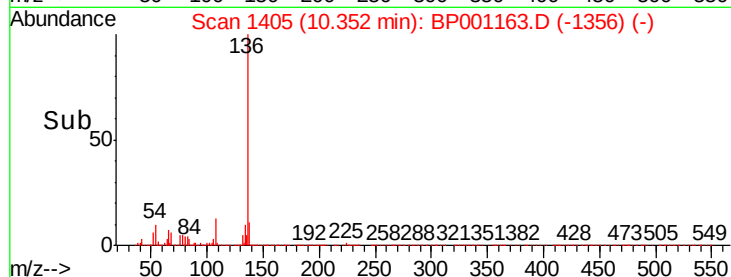
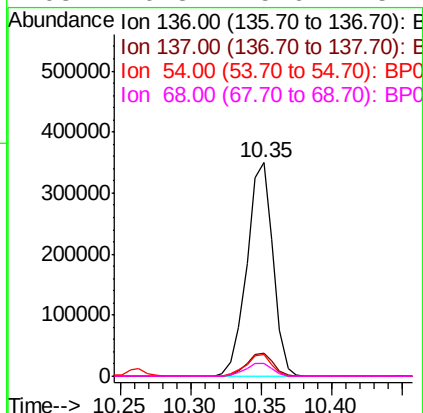
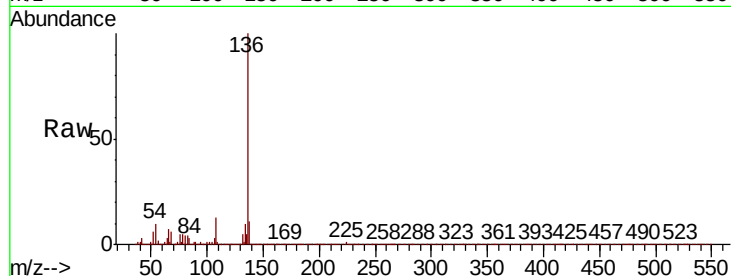




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

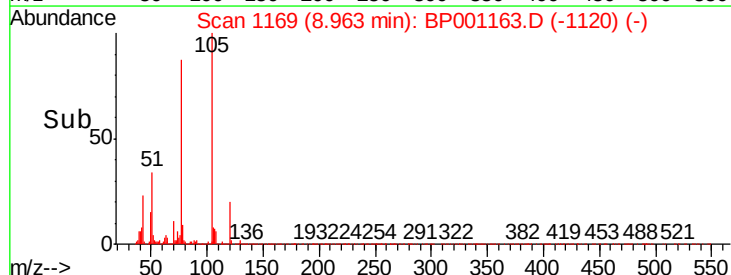
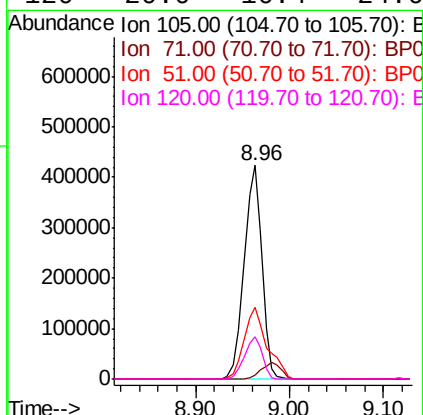
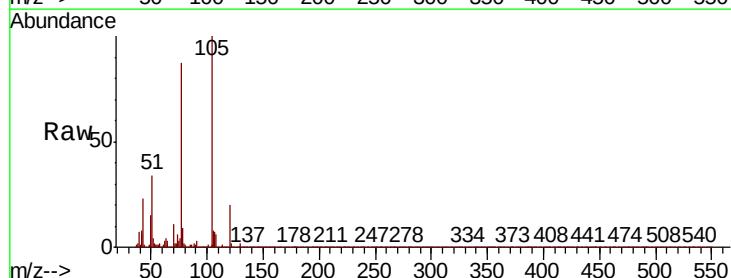
Instrument :
BNA_P
ClientSampled :

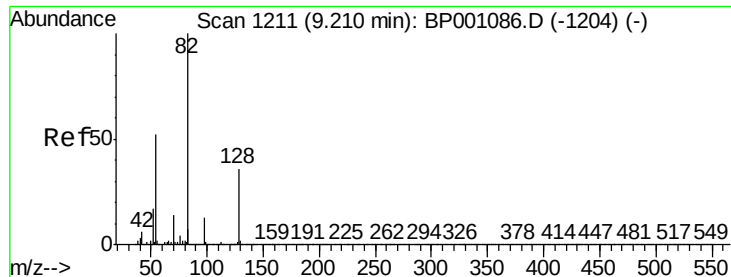
Tot Ion:136	Resp:	452484
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	10.4	7.9 11.9
68	6.3	5.6 8.4



#22
Acetophenone
Concen: 41.478 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:105	Resp:	551618
Ion Ratio	Lower	Upper
105	100	
71	1.8	0.5 0.7#
51	33.7	24.2 36.4
120	20.0	16.4 24.6

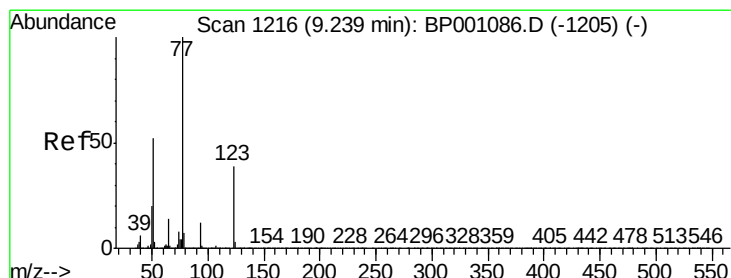
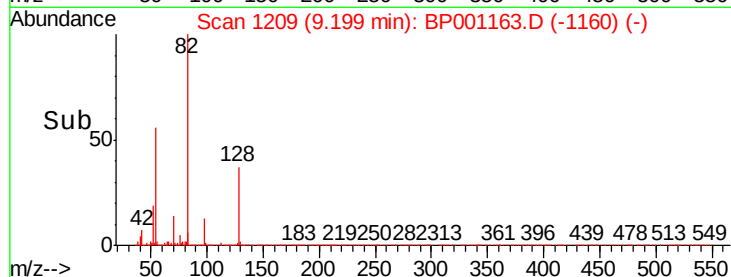
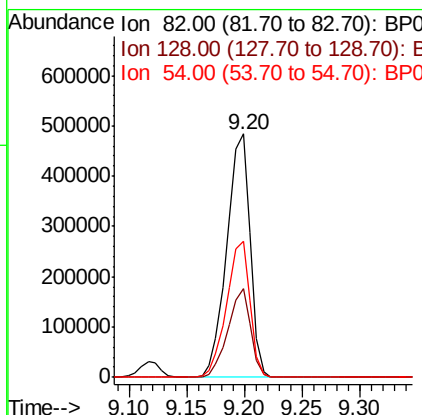
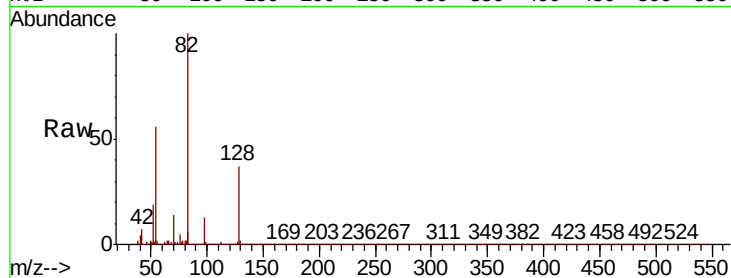




#23
 Nitrobenzene-d5
 Concen: 64.984 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

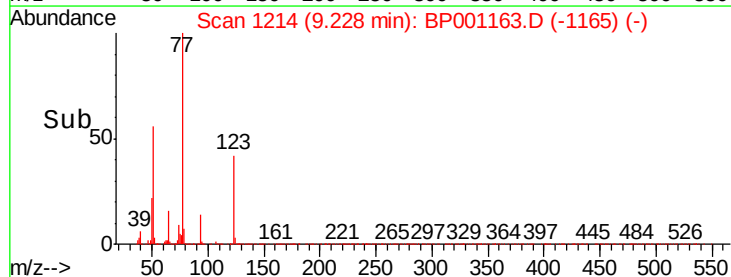
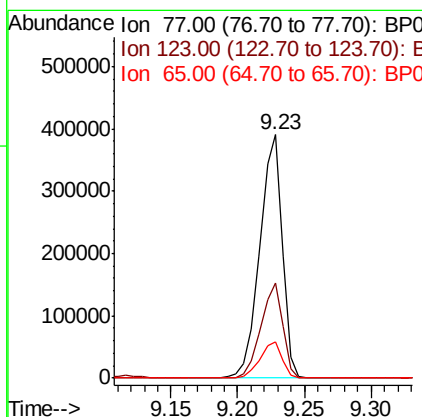
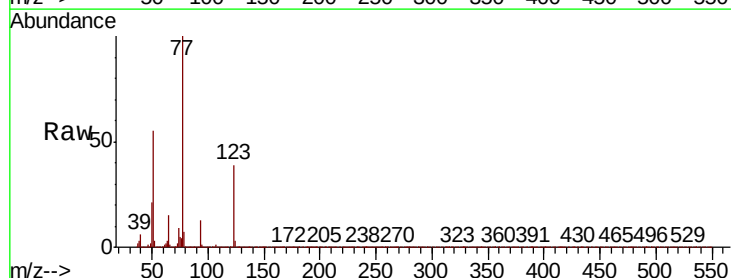
Instrument :
 BNA_P
 ClientSampleId :

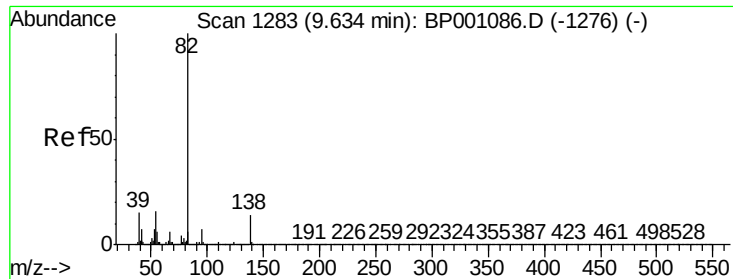
Tot Ion	82	Resp	677733
Ion Ratio	Lower	Upper	
82	100		
128	36.5	28.9	43.3
54	56.0	41.9	62.9



#24
 Nitrobenzene
 Concen: 43.397 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

Tgt Ion	77	Resp	450059
Ion Ratio	Lower	Upper	
77	100		
123	38.8	31.0	46.4
65	14.9	11.0	16.6





#25

Isophorone

Concen: 41.953 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

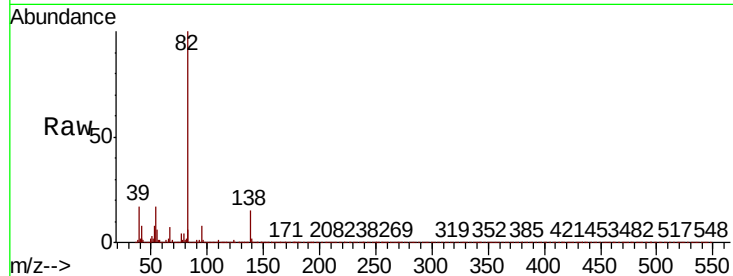
Tot Ion: 82 Resp: 784594

Ion Ratio Lower Upper

82 100

95 8.0 5.7 8.5

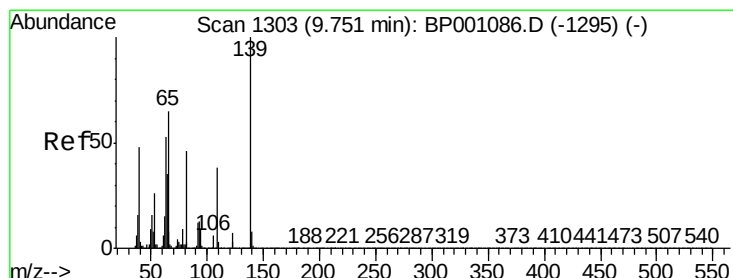
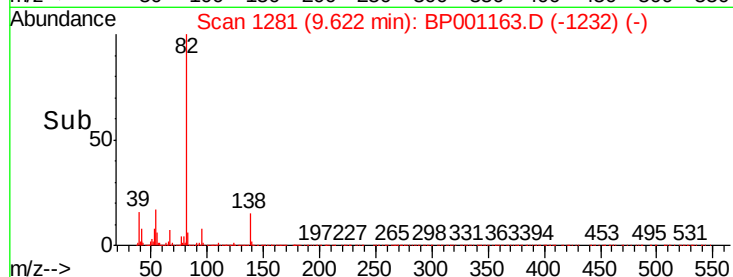
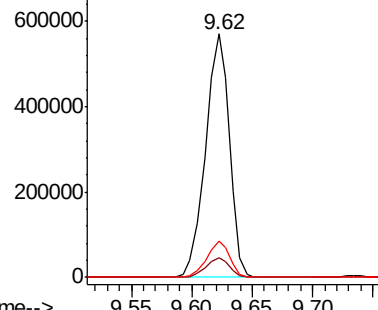
138 14.8 11.3 16.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 45.316 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

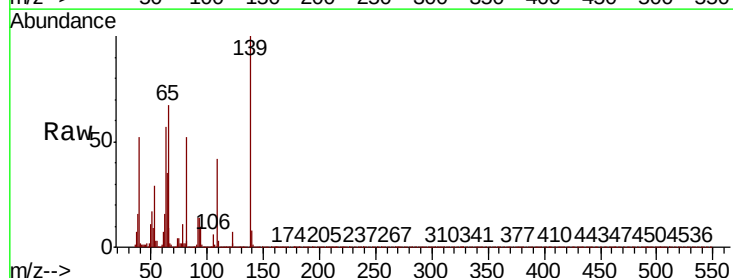
Tgt Ion: 139 Resp: 172140

Ion Ratio Lower Upper

139 100

109 42.0 30.6 45.8

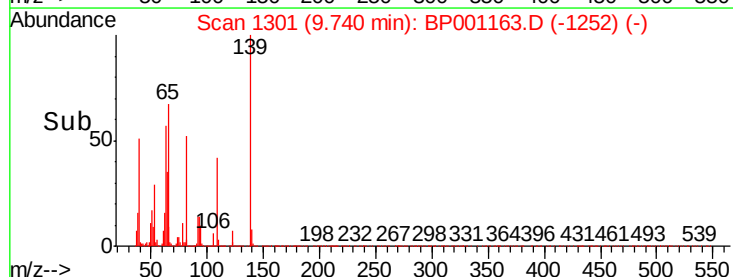
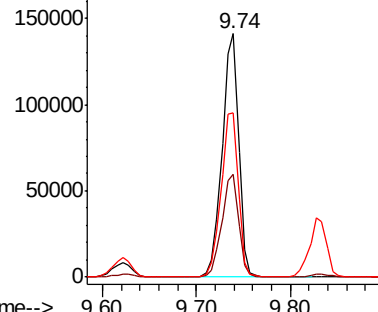
65 67.4 51.8 77.8

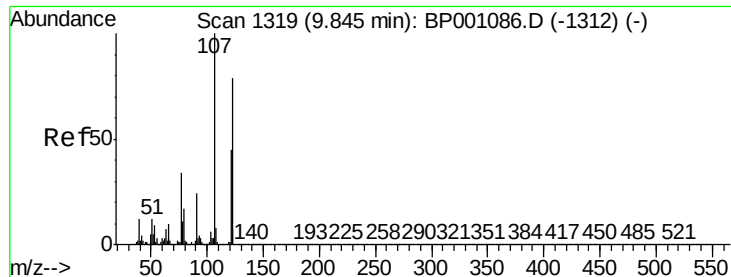


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

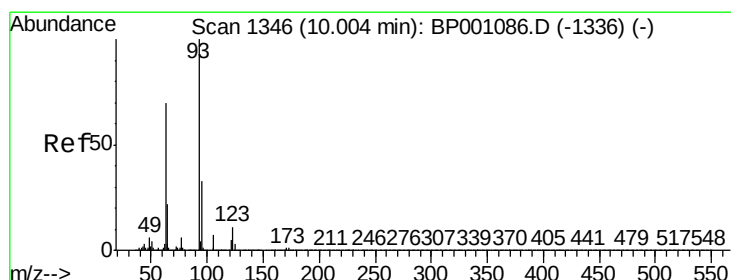
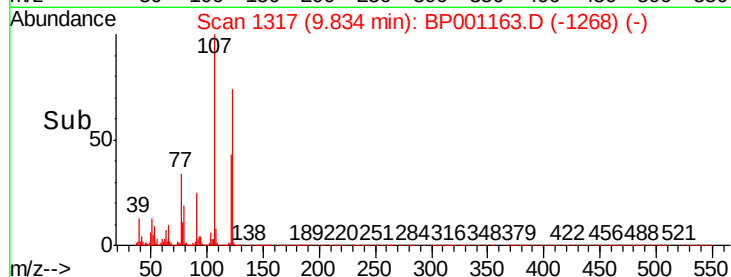
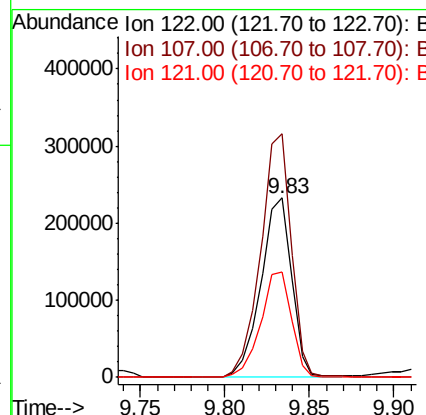
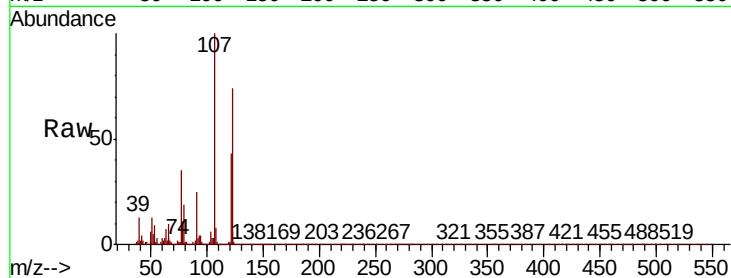




#27
2,4-Dimethylphenol
Concen: 49.144 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

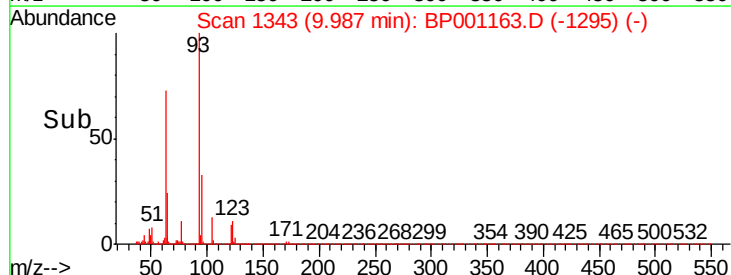
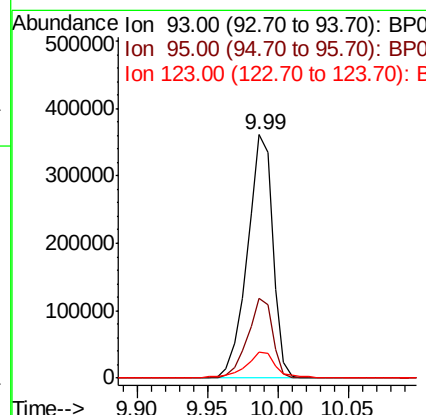
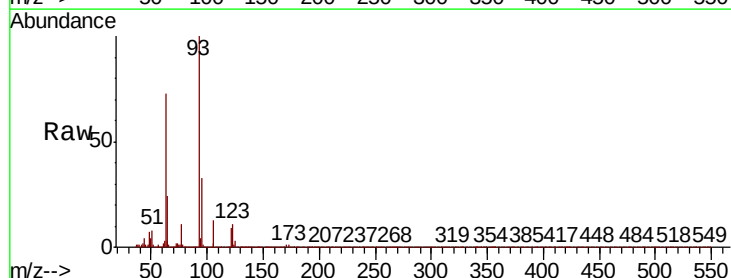
Instrument :
BNA_P
ClientSampleId :

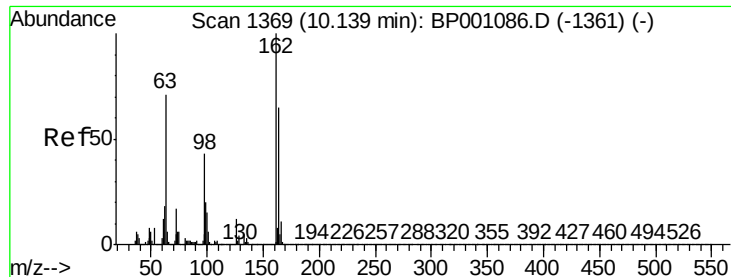
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.8	101.9	152.9
121	58.6	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.586 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	10.6	8.9	13.3

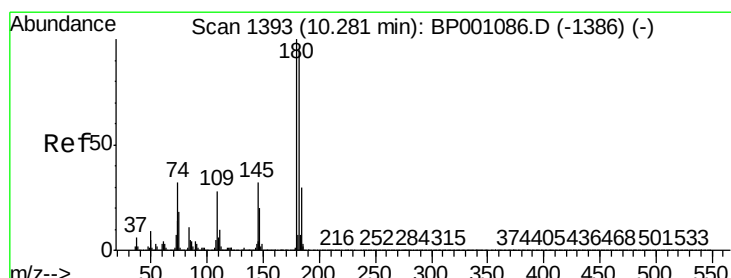
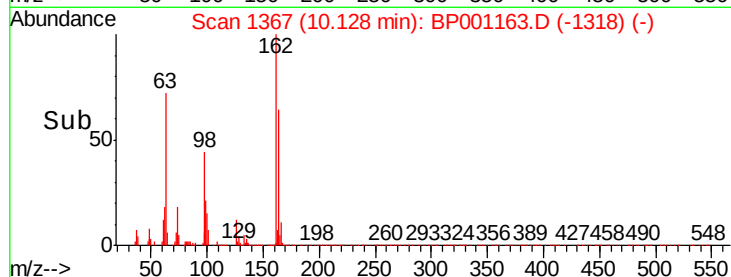
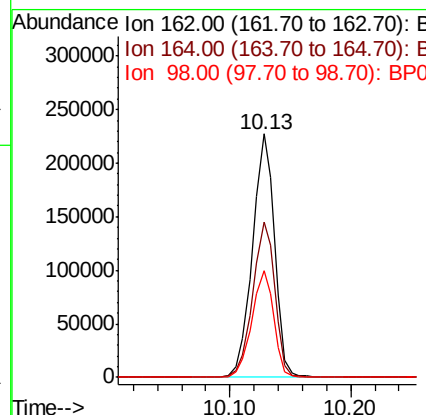
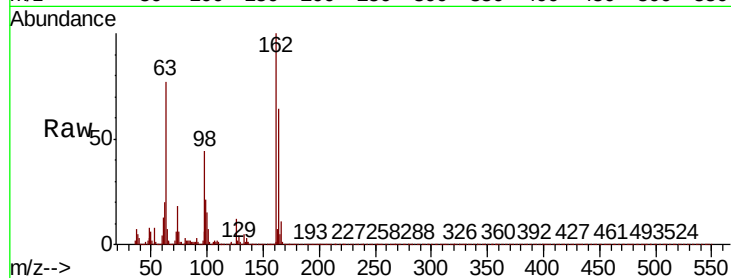




#29
2,4-Dichlorophenol
Concen: 42.551 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

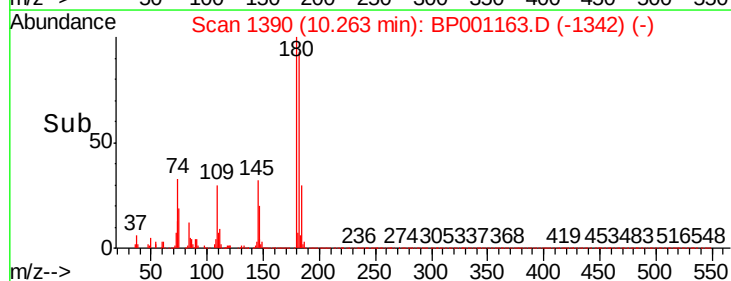
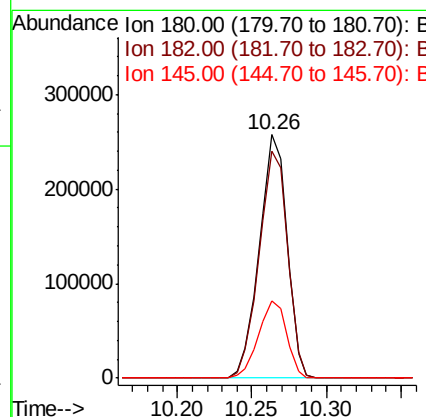
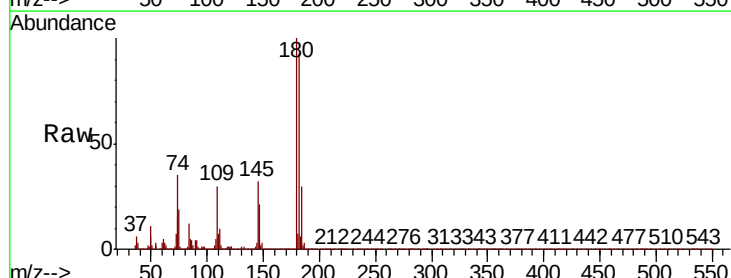
Instrument :
BNA_P
ClientSampleId :

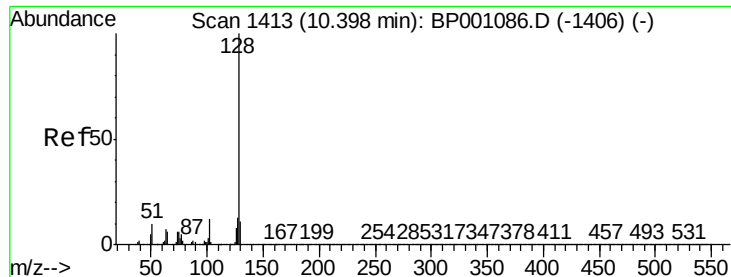
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.1	85.1
98	43.8	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 41.146 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.3	114.5
145	31.8	25.4	38.2

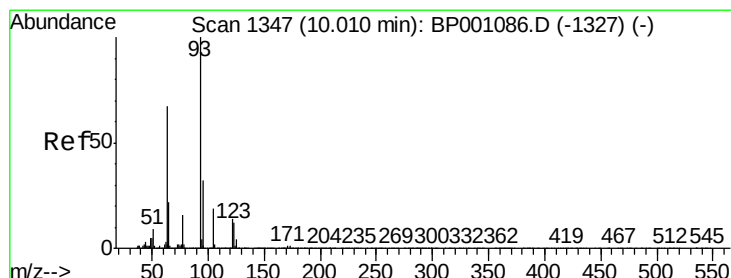
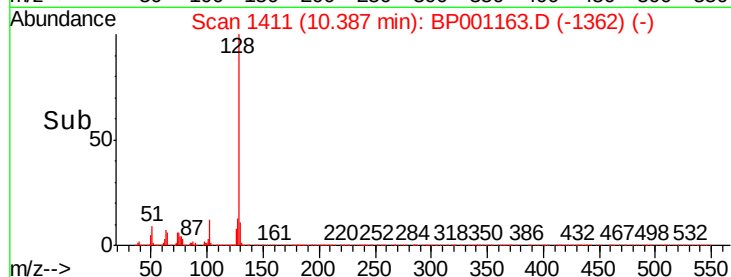
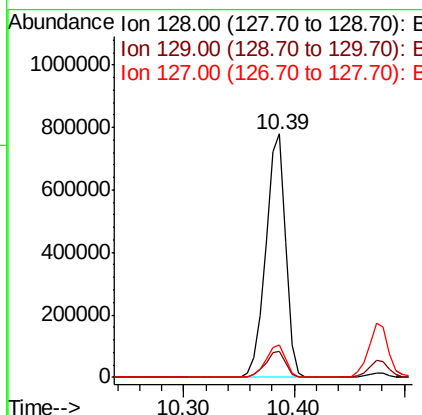
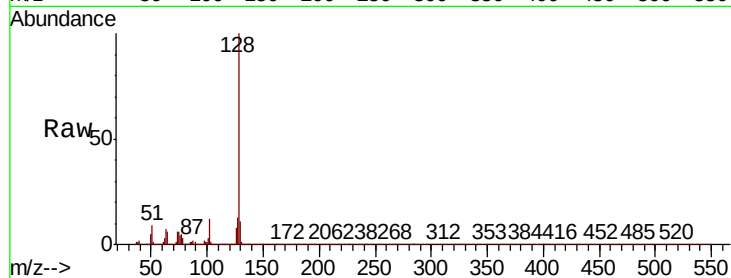




#31
Naphthalene
Concen: 42.345 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

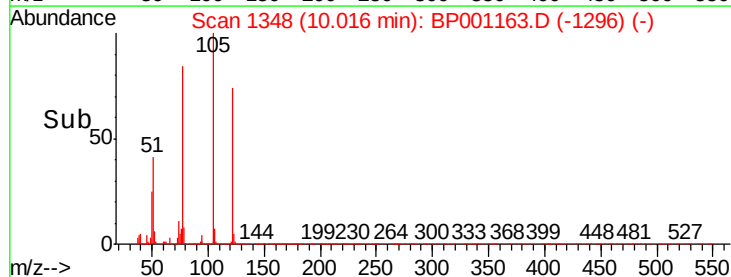
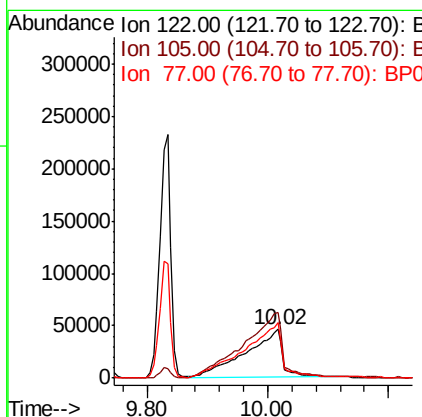
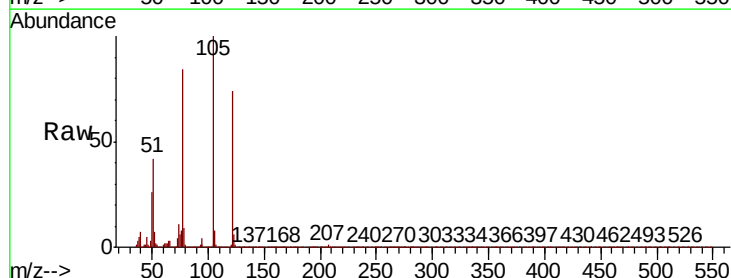
Instrument :
BNA_P
ClientSampled :

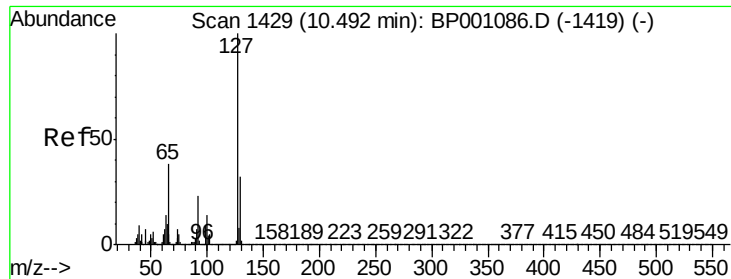
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.6	16.0



#32
Benzoic acid
Concen: 45.108 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	116.8	156.8
77	113.3	95.0	135.0

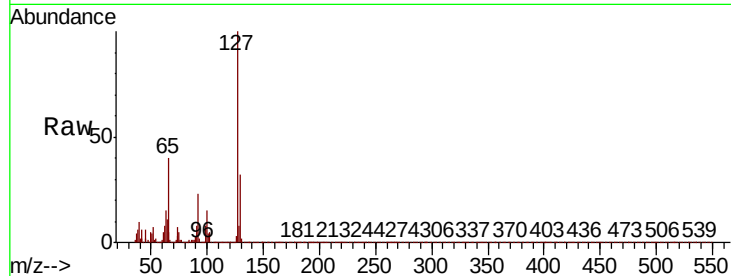




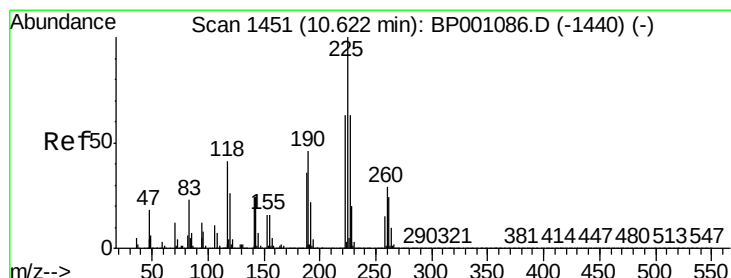
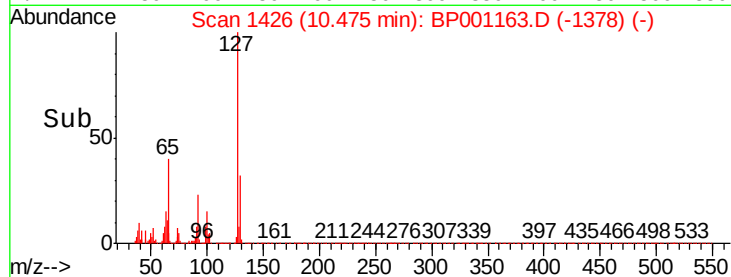
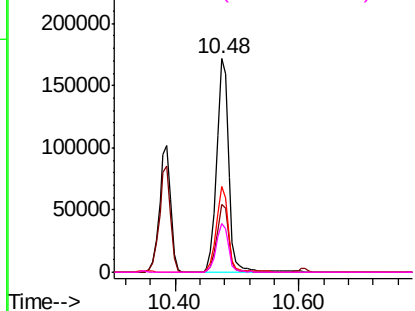
#33
4-Chloroaniline
Concen: 22.724 ng
RT: 10.48 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	227889
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	40.4	30.6	46.0
92	22.9	18.5	27.7

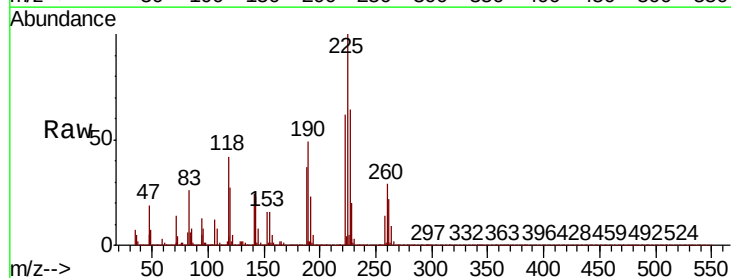


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

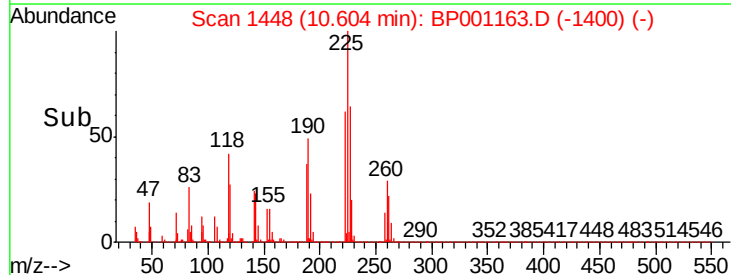
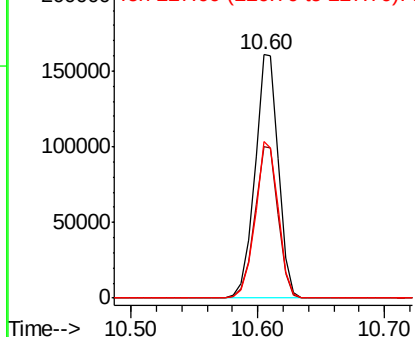


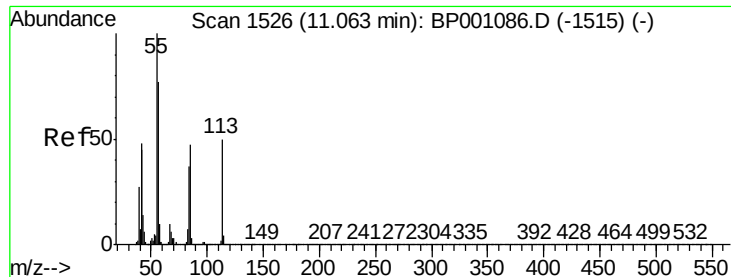
#34
Hexachlorobutadiene
Concen: 41.131 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:	225	Resp:	206960
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.0	75.0
227	64.4	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

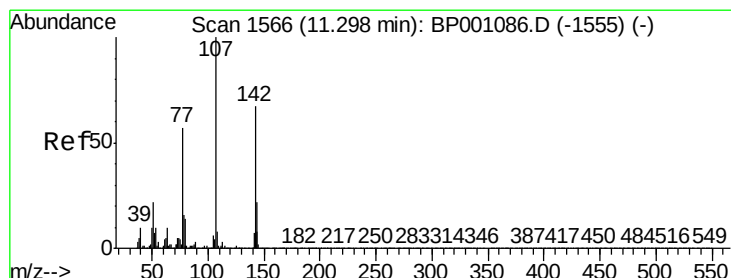
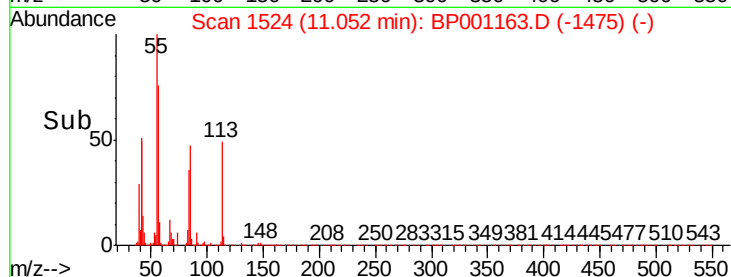
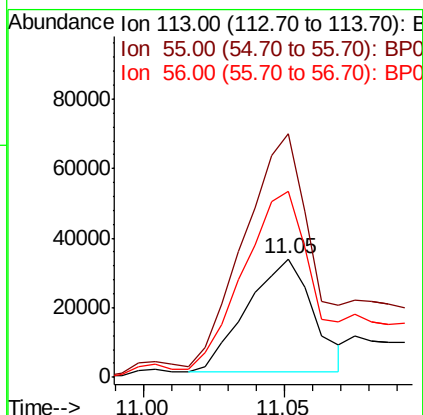
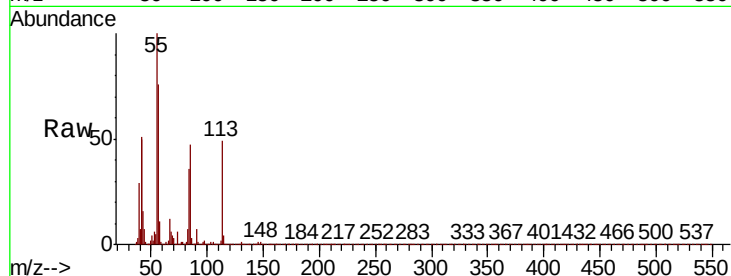




#35
 Caprolactam
 Concen: 22.569 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

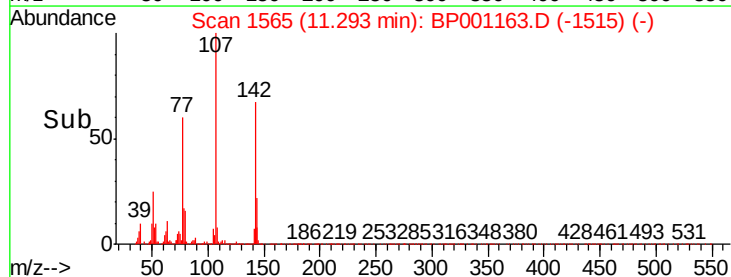
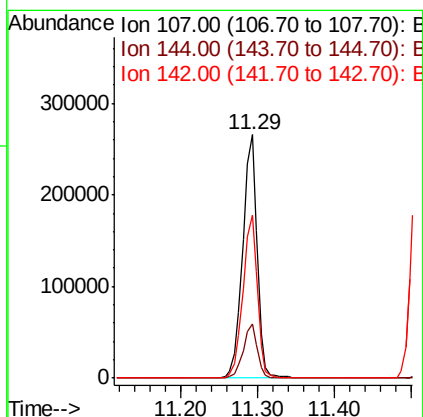
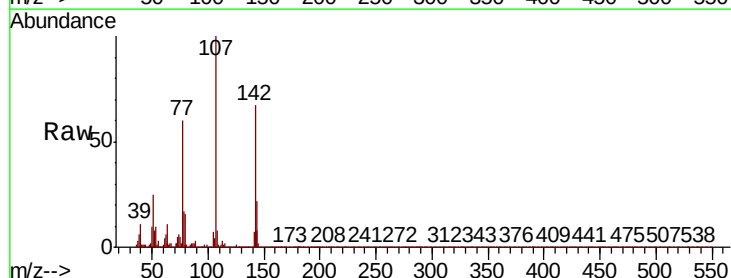
Instrument :
 BNA_P
 ClientSampled :

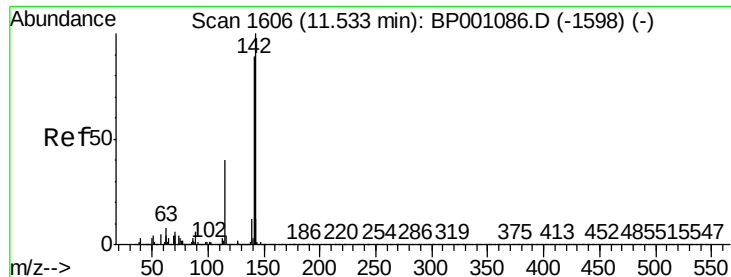
Tot Ion:113 Resp: 53268
 Ion Ratio Lower Upper
 113 100
 55 205.8 181.2 221.2
 56 156.9 134.7 174.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.258 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

Tgt Ion:107 Resp: 351236
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.5 26.3
 142 66.8 53.3 79.9

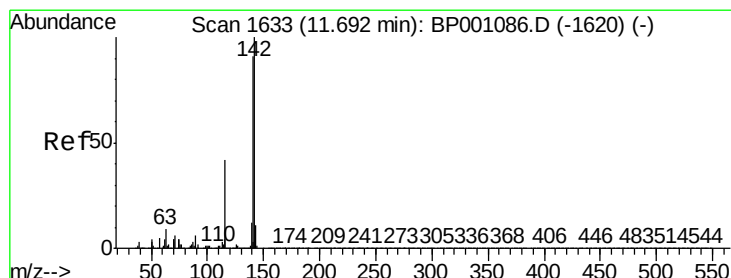
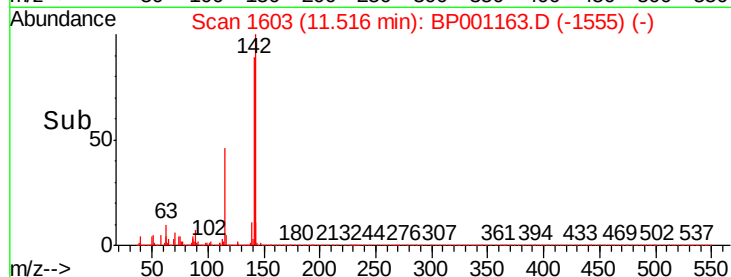
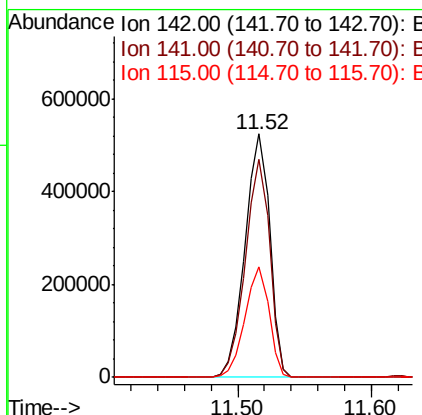
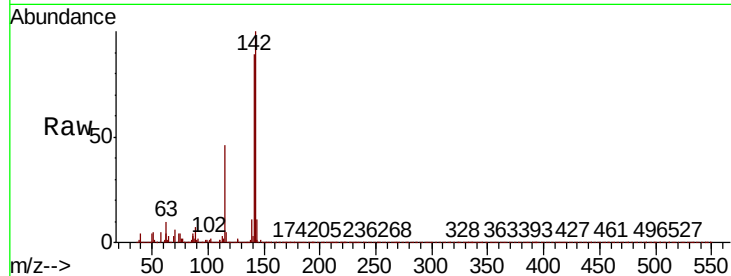




#37
2-Methylnaphthalene
Concen: 42.505 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

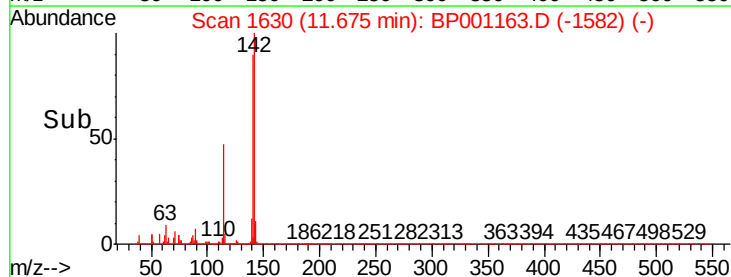
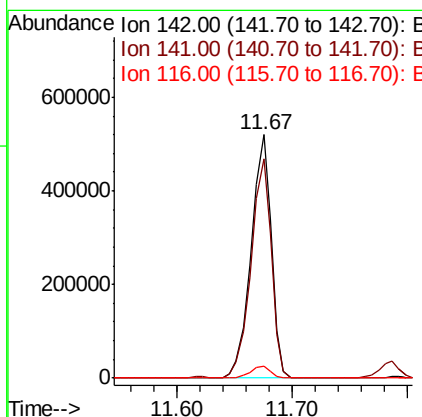
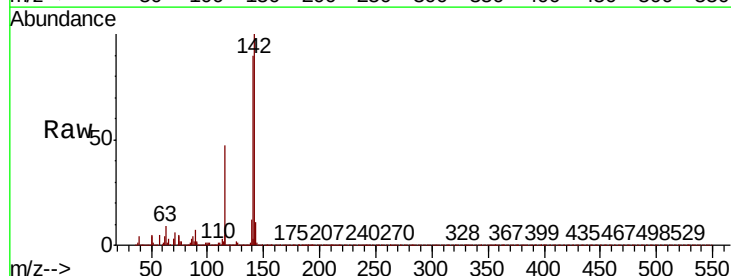
Instrument :
BNA_P
ClientSampleId :

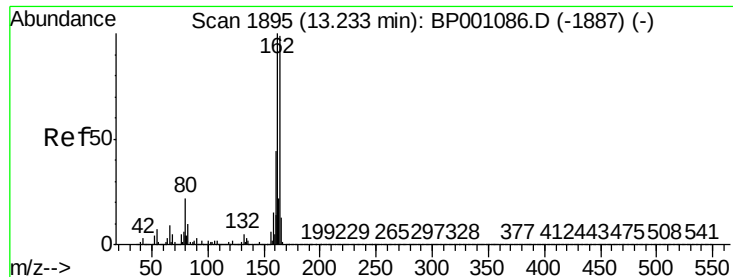
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.1	106.7
115	45.6	32.3	48.5



#38
1-Methylnaphthalene
Concen: 42.383 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.0	109.4
116	4.8	3.4	5.2

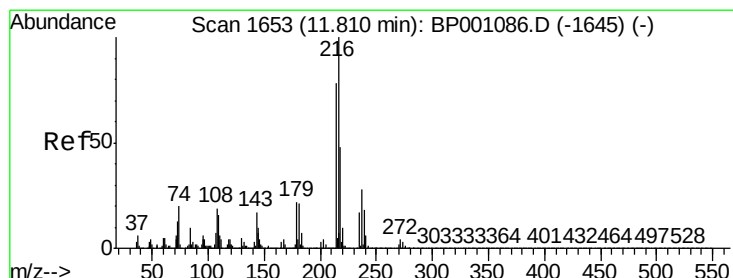
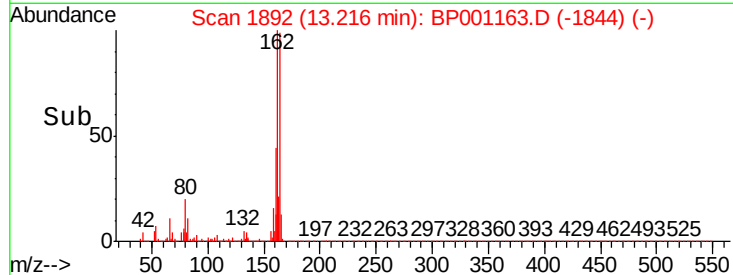
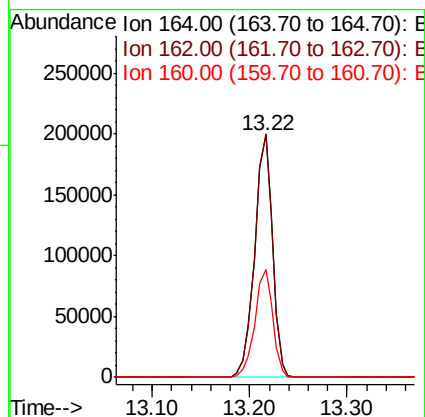
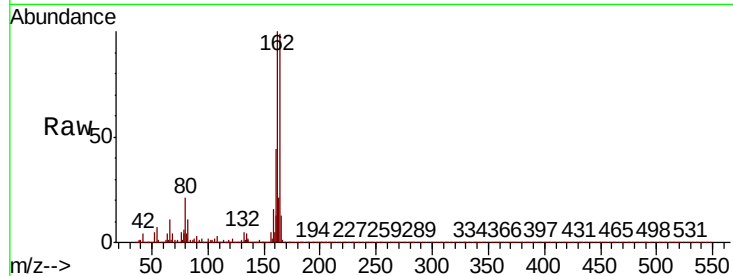




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

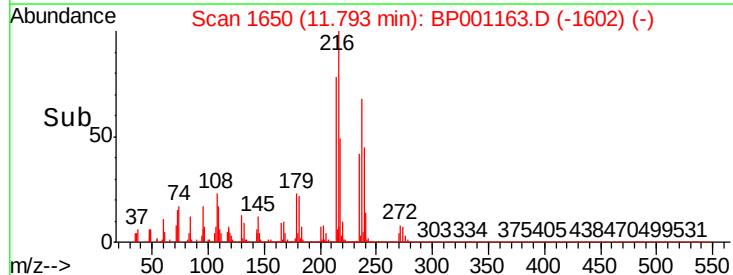
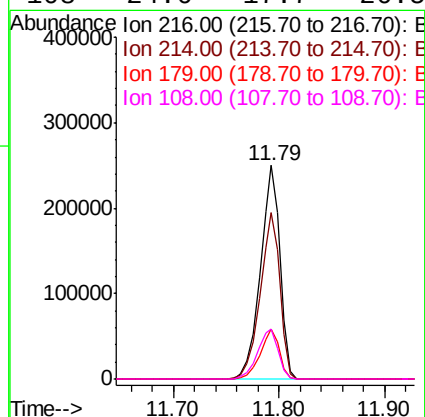
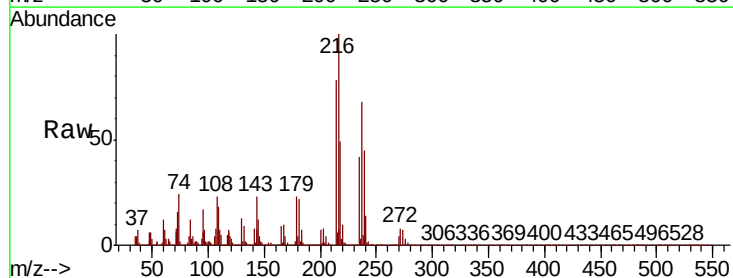
Instrument :
BNA_P
ClientSampleId :

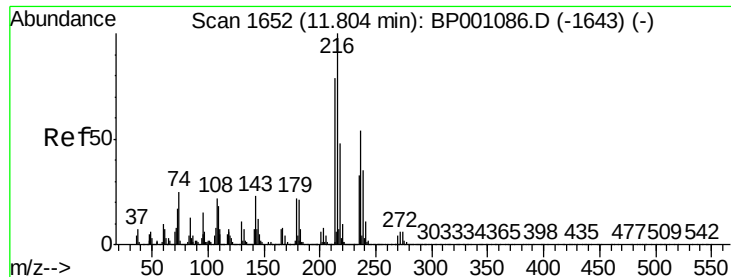
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	44.5	35.4	53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.995 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	22.5	17.6	26.4
108	24.6	17.7	26.5

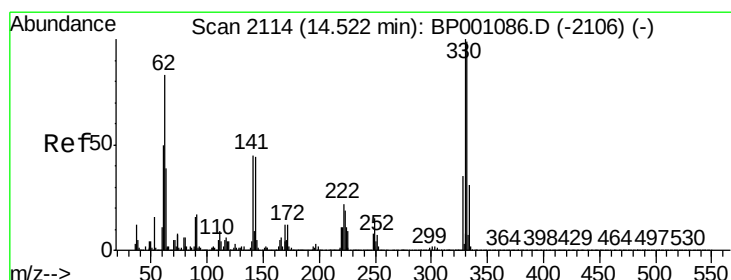
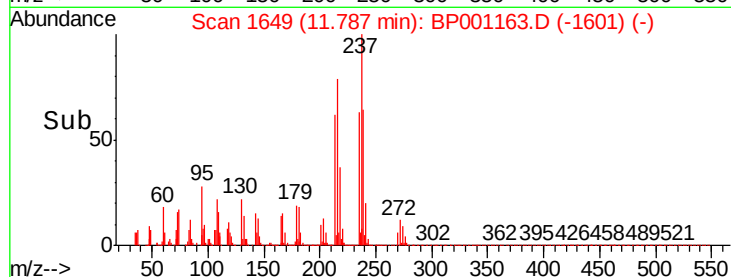
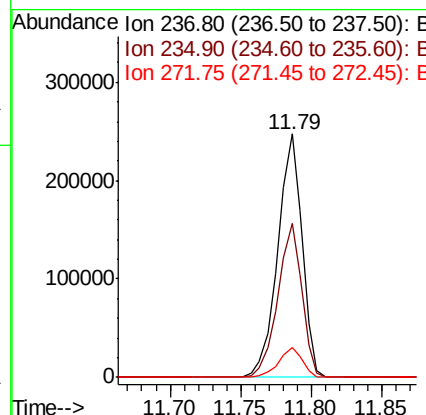
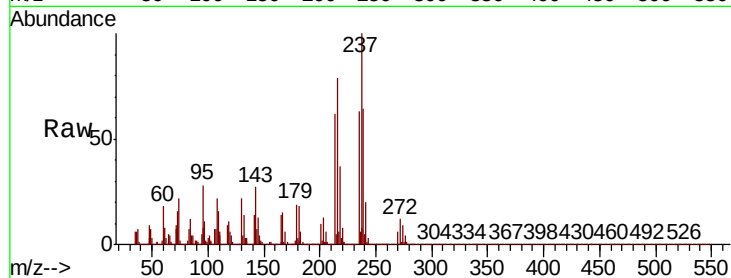




#41
Hexachlorocyclopentadiene
Concen: 79.348 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

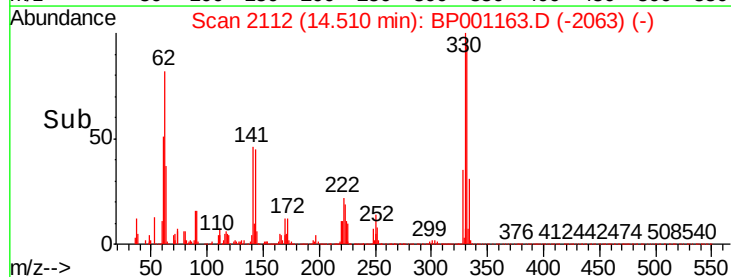
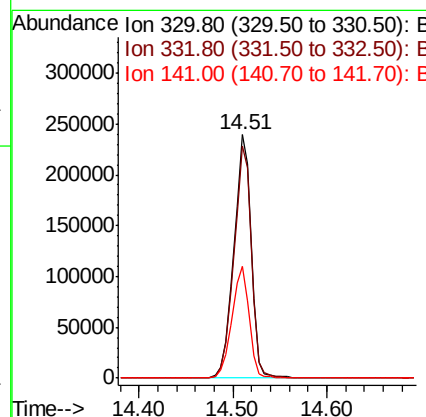
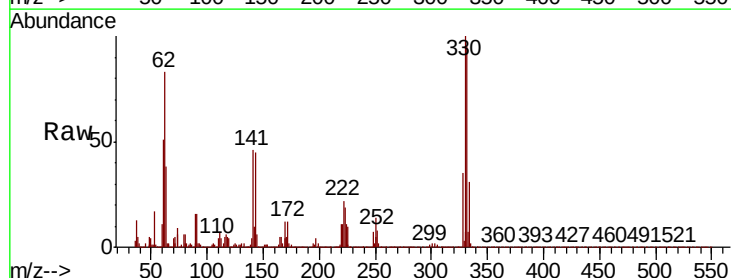
Instrument :
BNA_P
ClientSampleId :

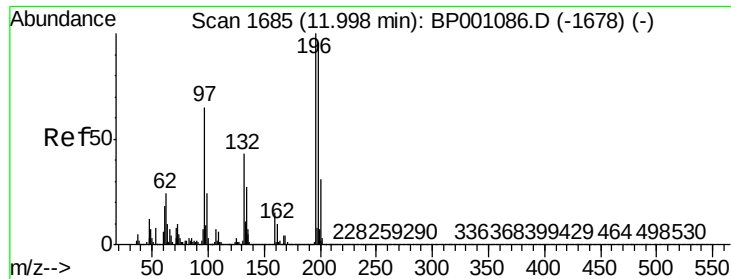
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.8	81.8
272	12.1	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 124.393 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	45.6	34.2	51.2

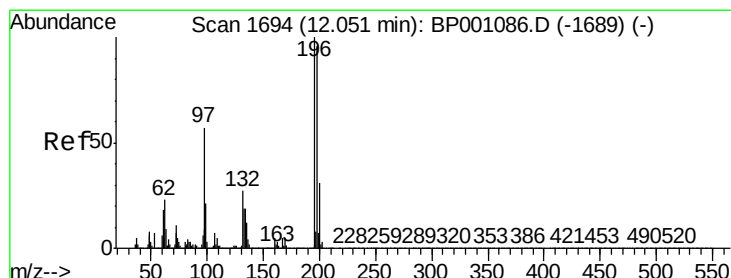
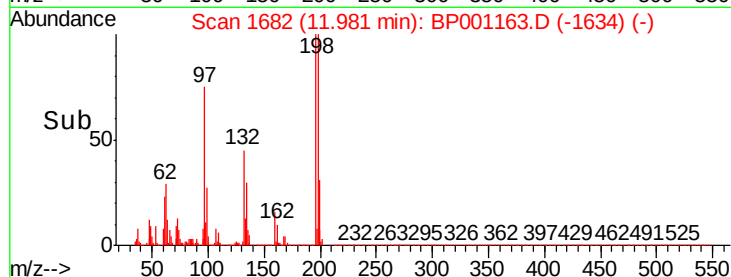
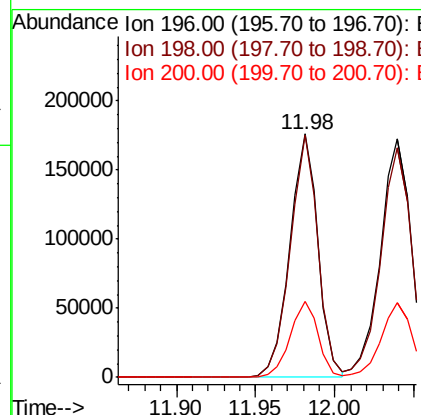
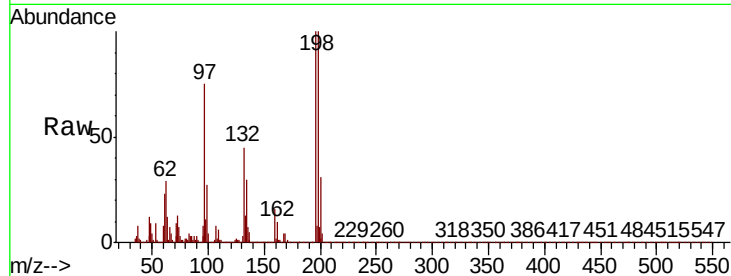




#43
 2,4,6-Trichlorophenol
 Concen: 40.785 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

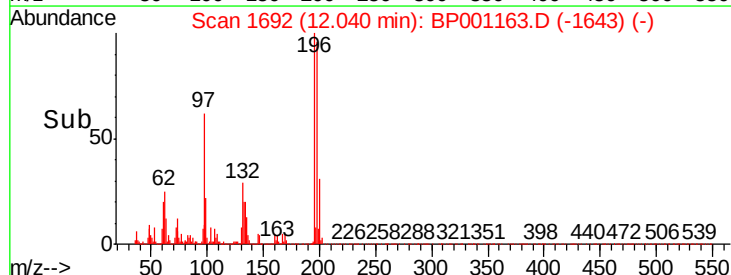
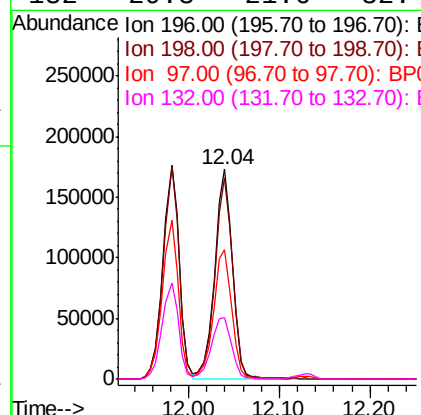
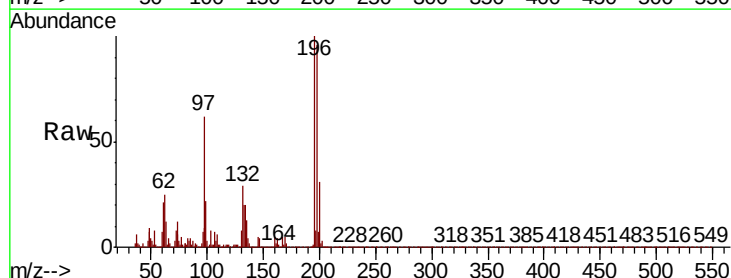
Instrument :
 BNA_P
 ClientSampled :

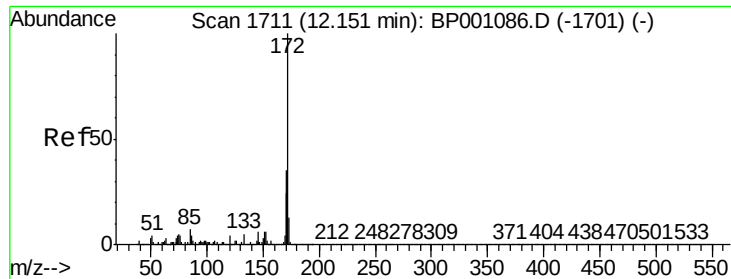
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	76.7	115.1
200	31.4	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.790 ng
 RT: 12.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.8	115.2
97	61.8	46.1	69.1
132	29.3	21.6	32.4

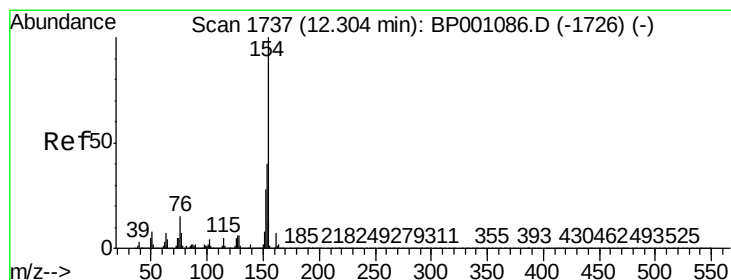
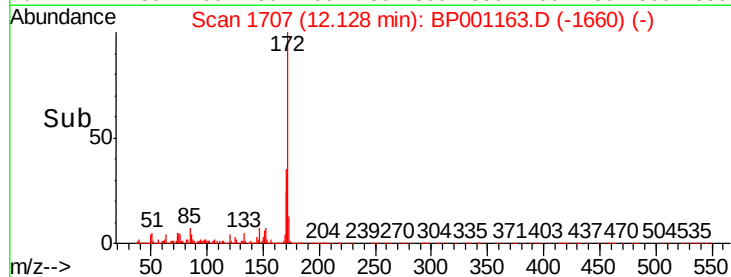
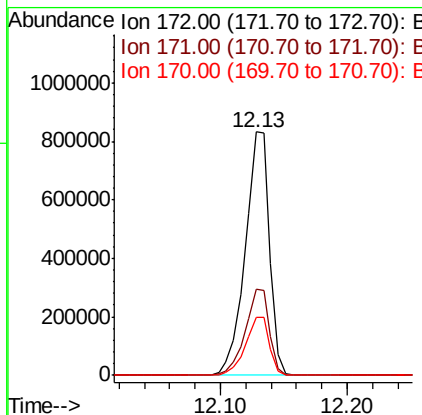
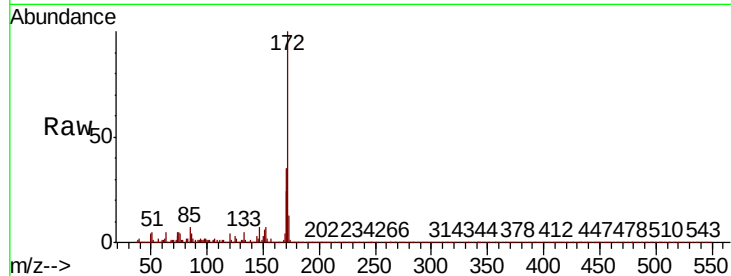




#45
2-Fluorobiphenyl
Concen: 62.640 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

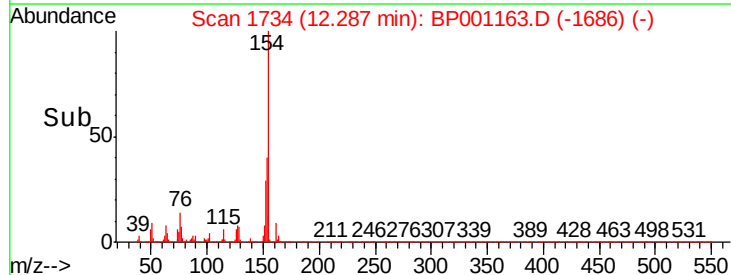
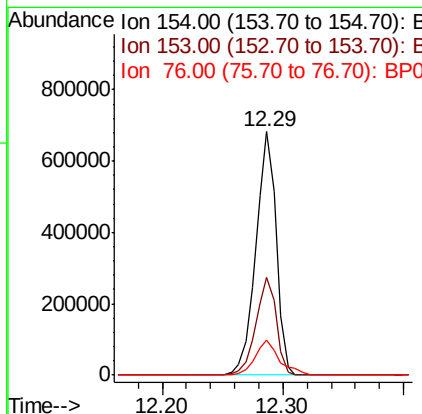
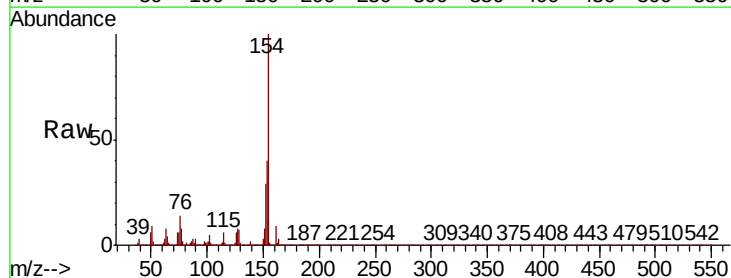
Instrument :
BNA_P
ClientSampleId :

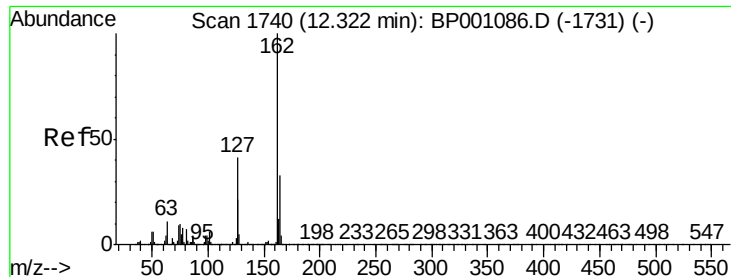
Tot Ion:172 Resp: 1103329
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.270 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:154 Resp: 802296
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 14.3 0.0 34.5

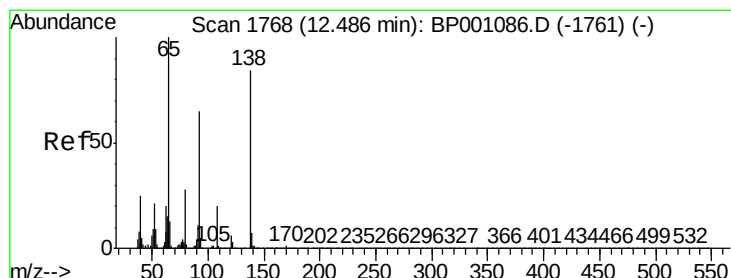
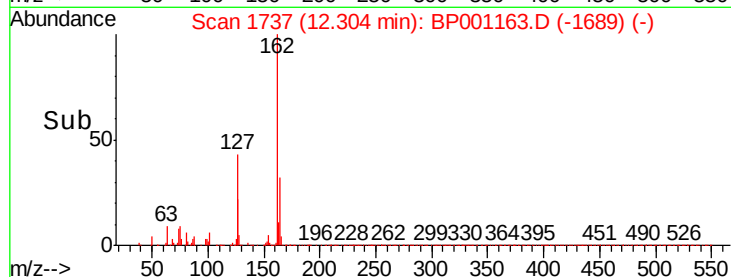
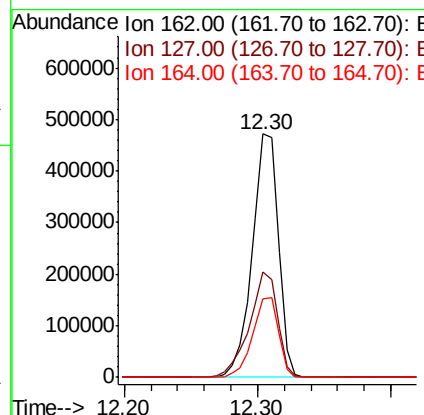
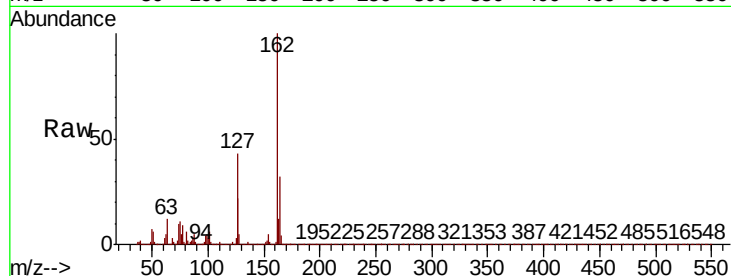




#47
2-Chloronaphthalene
Concen: 39.528 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

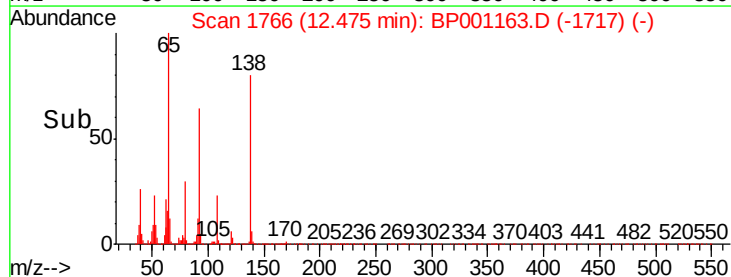
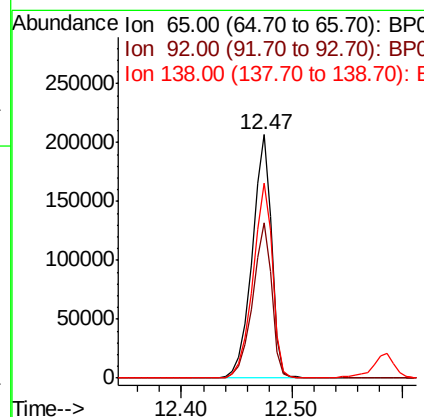
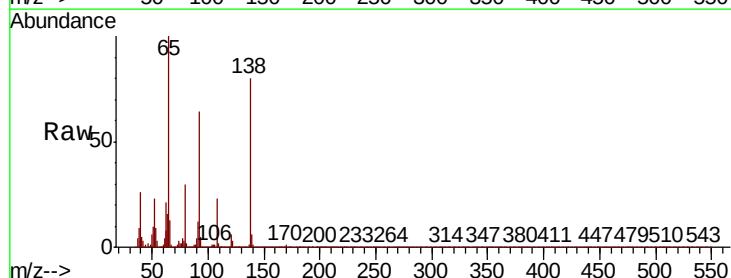
Instrument :
BNA_P
ClientSampleId :

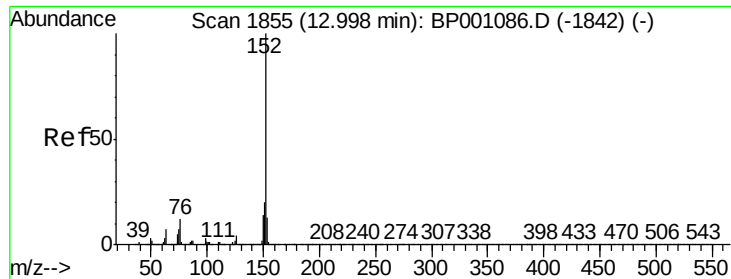
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.0	49.6
164	32.1	26.7	40.1



#48
2-Nitroaniline
Concen: 40.879 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	51.6	77.4
138	80.0	67.3	100.9





#49

Acenaphthylene

Concen: 41.811 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

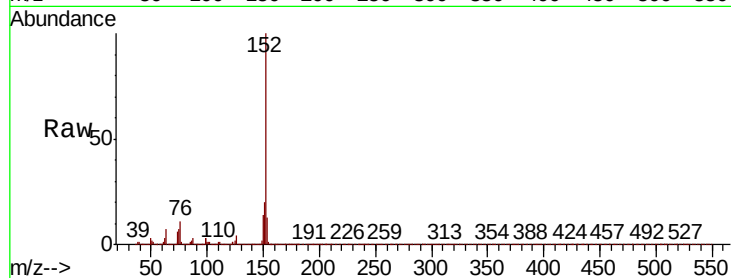
Tot Ion:152 Resp: 997389

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

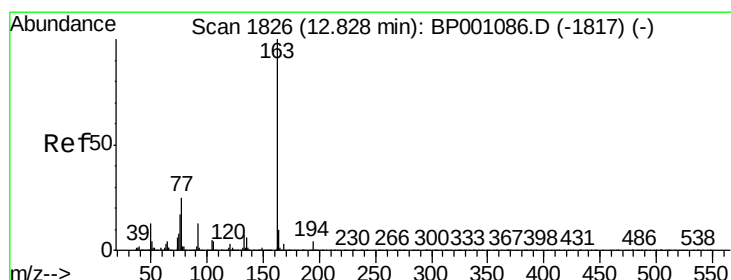
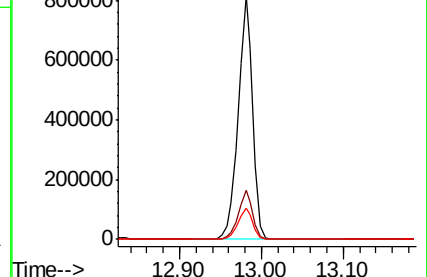
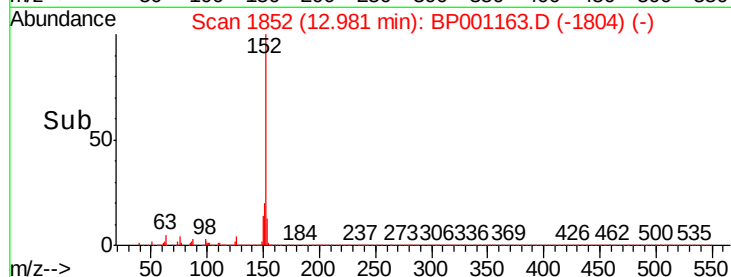
153 13.1 10.2 15.4



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: 39.122 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

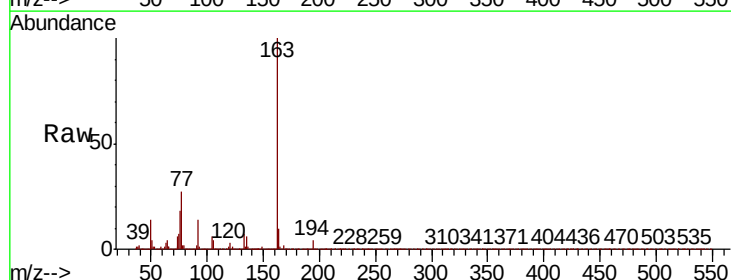
Tgt Ion:163 Resp: 754280

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

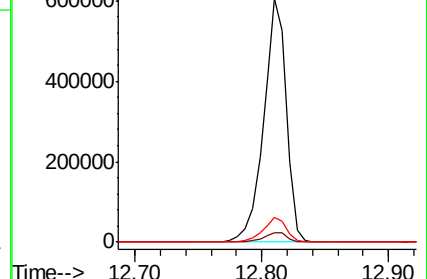
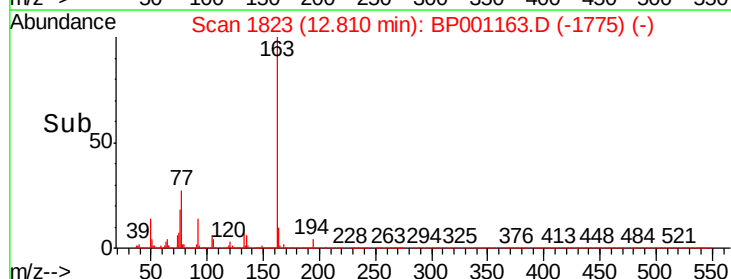
164 10.2 8.1 12.1

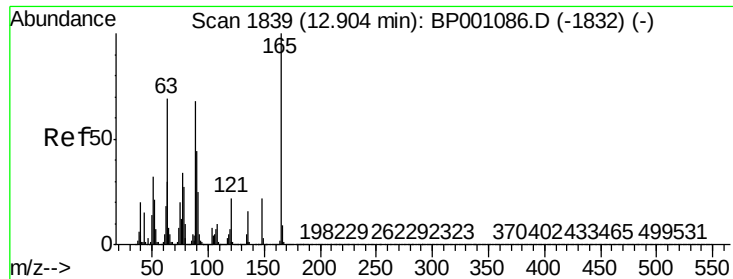


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

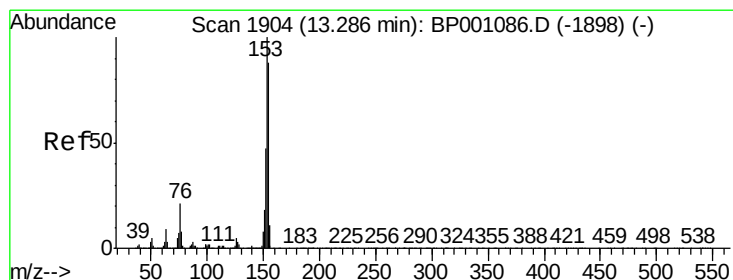
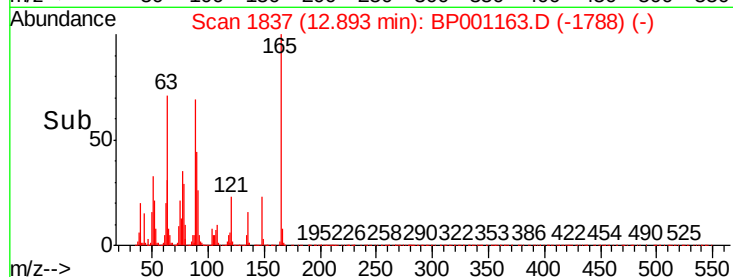
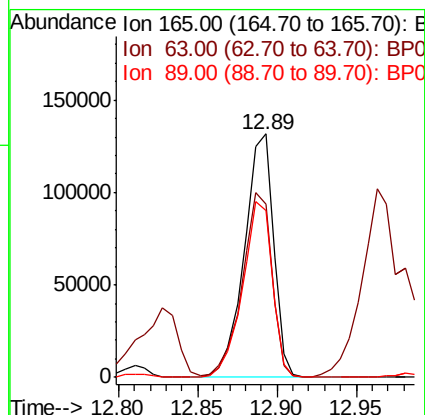
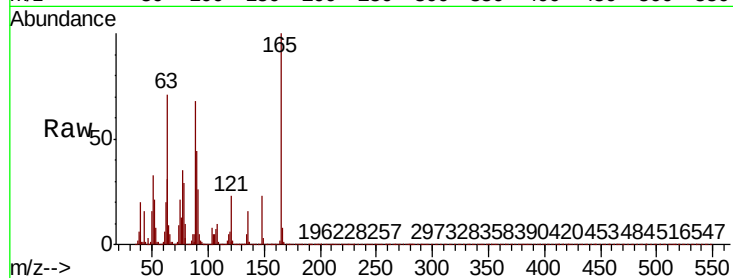




#51
2,6-Dinitrotoluene
Concen: 40.840 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

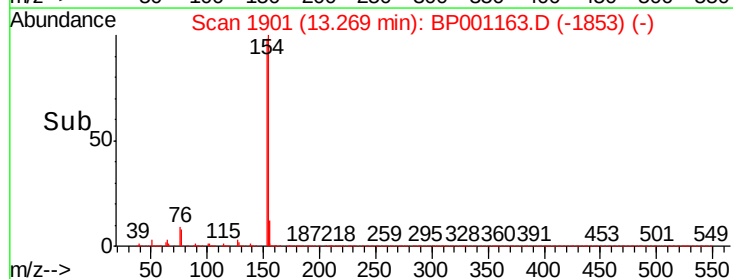
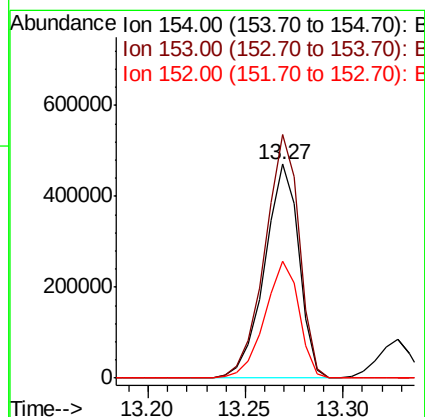
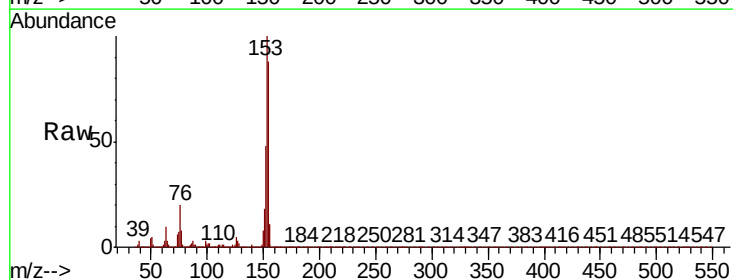
Instrument :
BNA_P
ClientSampleId :

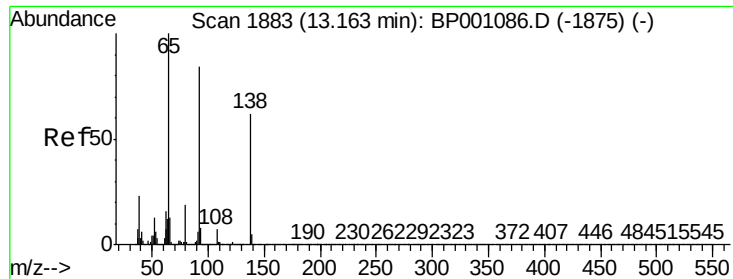
Tot Ion:165 Resp: 168557
Ion Ratio Lower Upper
165 100
63 71.1 55.6 83.4
89 68.5 54.1 81.1



#52
Acenaphthene
Concen: 40.067 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:154 Resp: 574931
Ion Ratio Lower Upper
154 100
153 113.9 90.5 135.7
152 54.7 42.6 64.0





#53

3-Nitroaniline

Concen: 27.009 ng

RT: 13.15 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

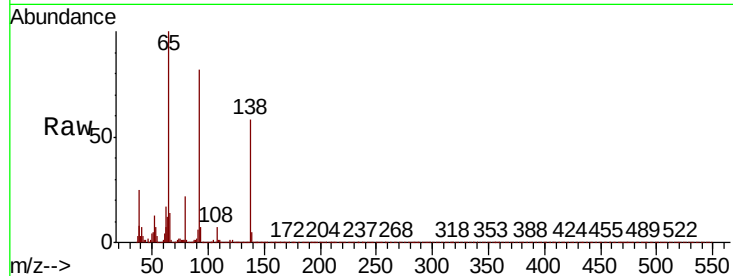
Tot Ion:138 Resp: 125223

Ion Ratio Lower Upper

138 100

108 12.8 9.2 13.8

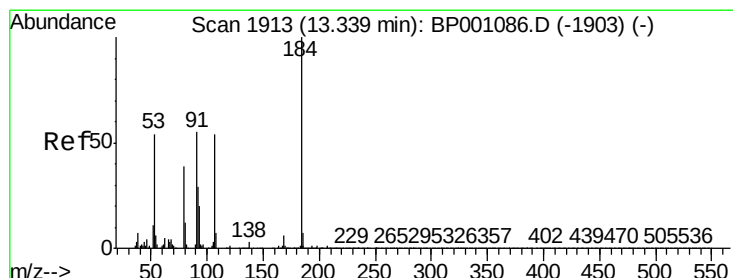
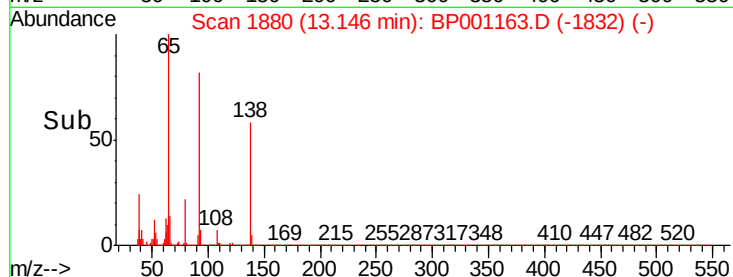
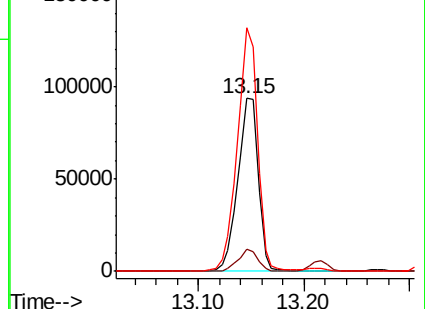
92 140.7 107.8 161.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 78.189 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

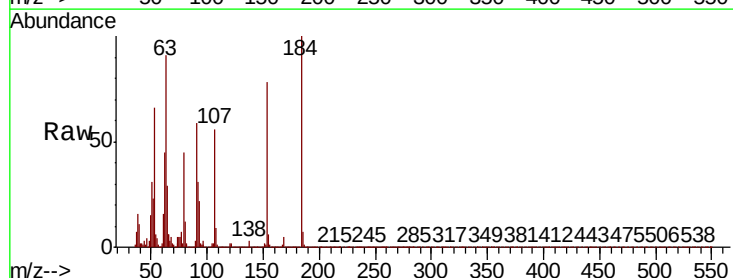
Tgt Ion:184 Resp: 131515

Ion Ratio Lower Upper

184 100

63 91.5 60.7 91.1#

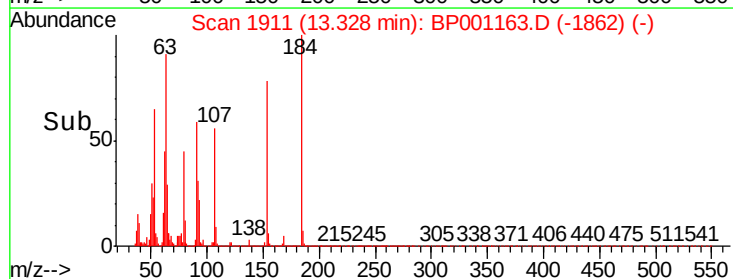
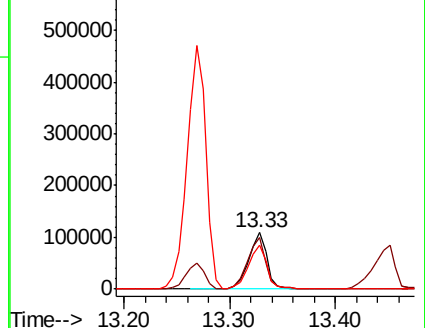
154 78.0 56.2 84.2

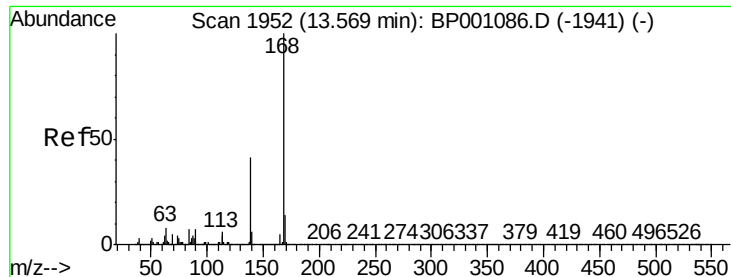


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.349 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

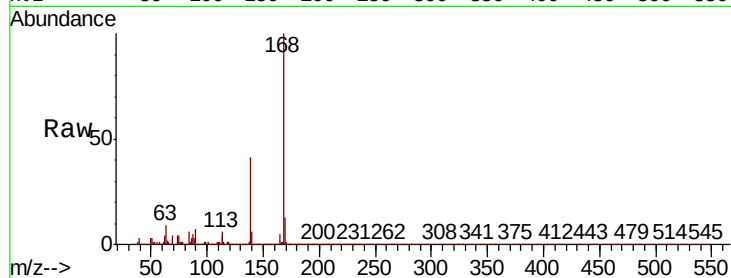
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 891589

Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.8	49.2
169	12.9	10.9	16.3

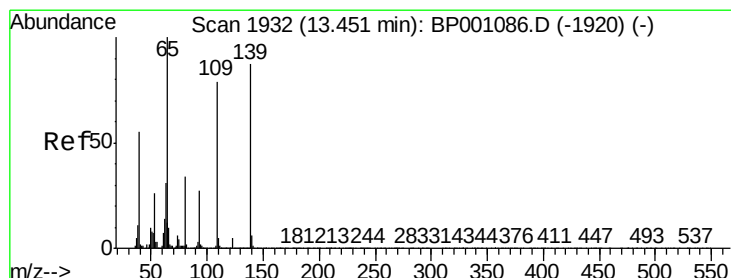
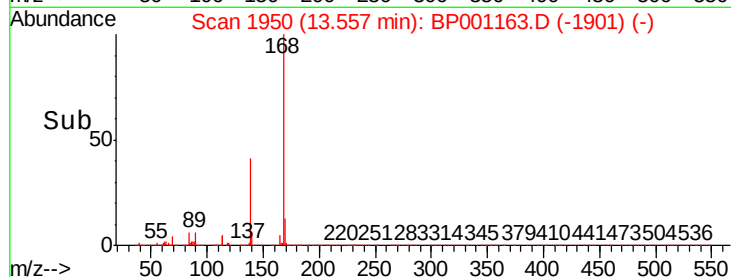
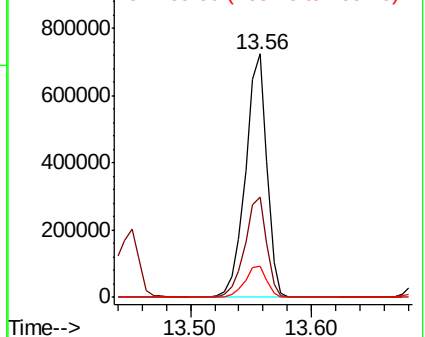


Abundance

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: 86.753 ng

RT: 13.45 min Scan# 1932

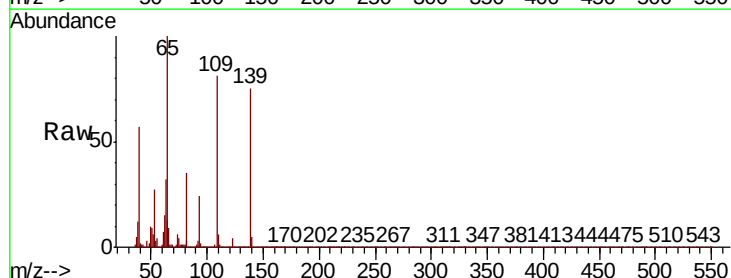
Delta R.T. 0.00 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:139 Resp: 285011

Ion	Ratio	Lower	Upper
139	100		
109	107.7	70.9	110.9
65	133.1	95.2	135.2

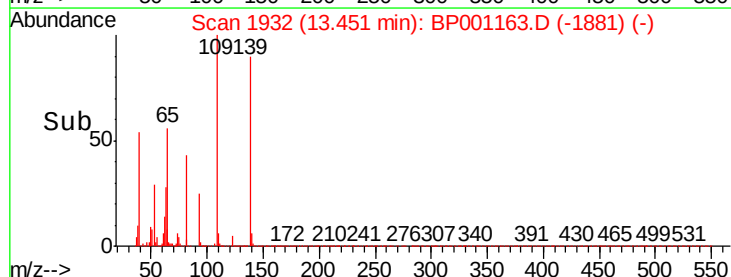
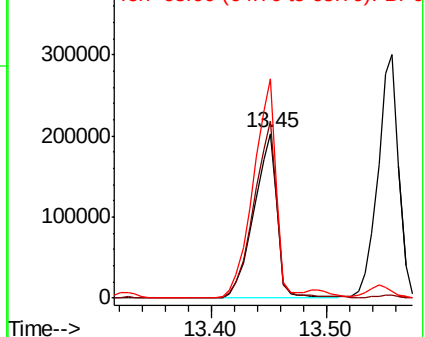


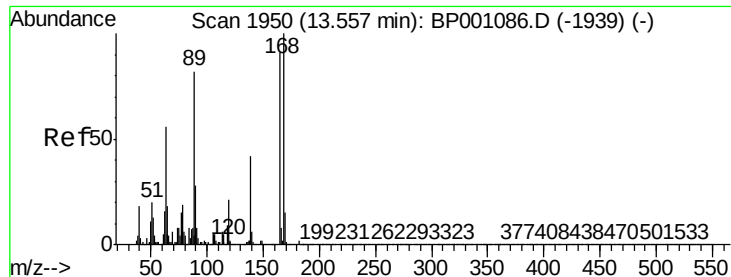
Abundance

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

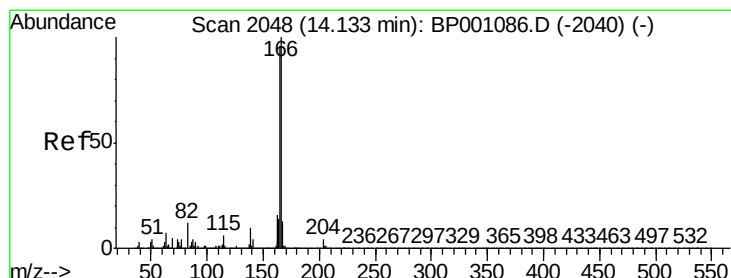
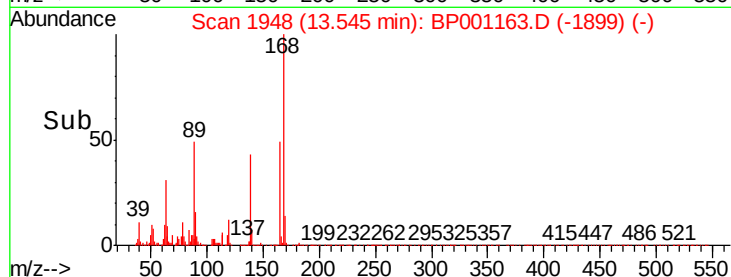
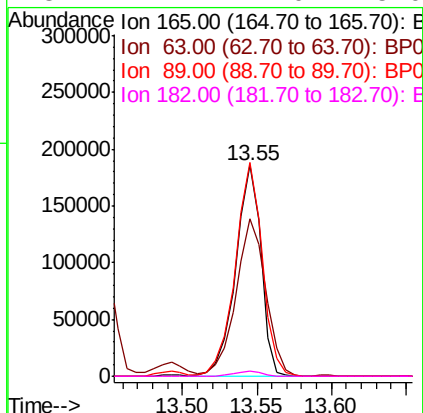
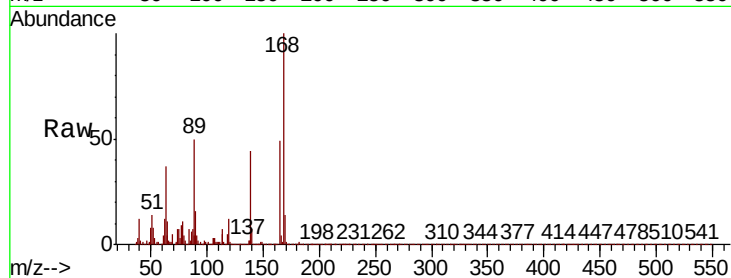




#57
2,4-Dinitrotoluene
Concen: 42.593 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

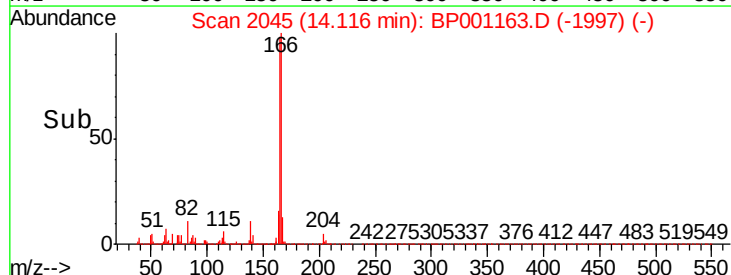
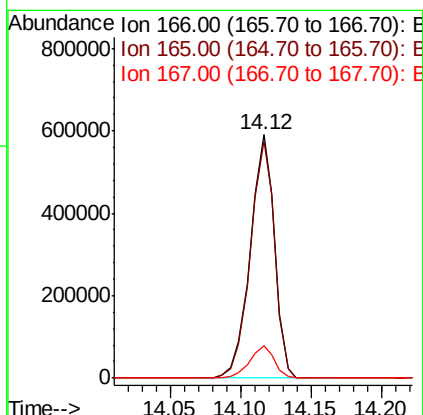
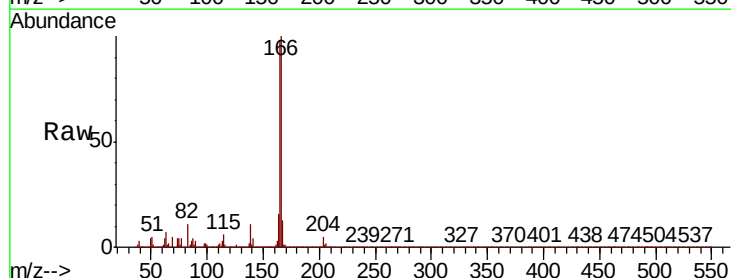
Instrument :
BNA_P
ClientSampled :

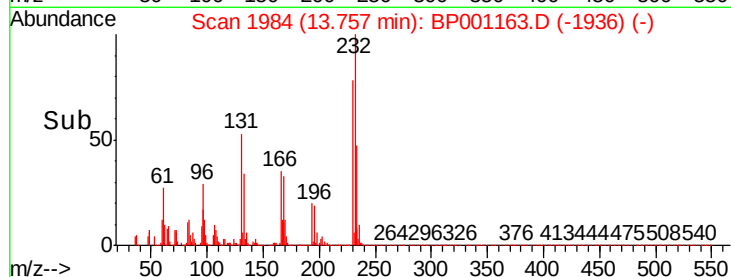
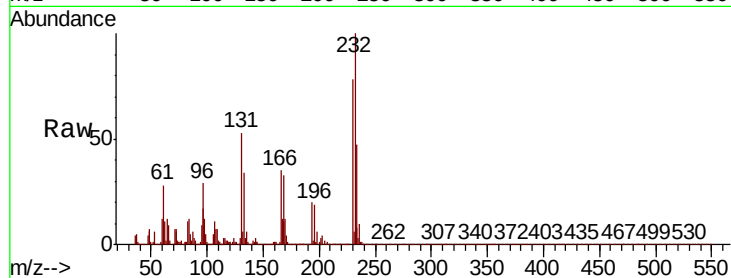
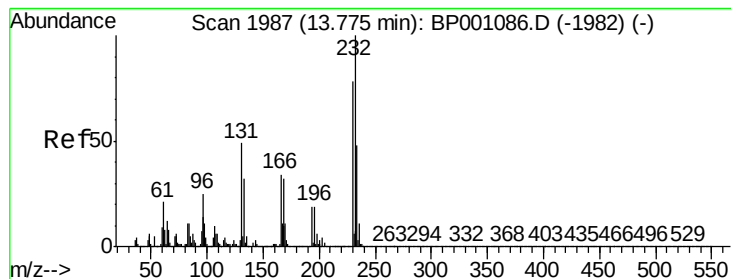
Tot Ion:165 Resp: 220348
Ion Ratio Lower Upper
165 100
63 74.8 49.4 74.2#
89 101.4 72.1 108.1
182 2.7 2.0 3.0



#58
Fluorene
Concen: 41.114 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:166 Resp: 710370
Ion Ratio Lower Upper
166 100
165 97.7 76.7 115.1
167 13.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.421 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampled :

Tot Ion:232 Resp: 196172

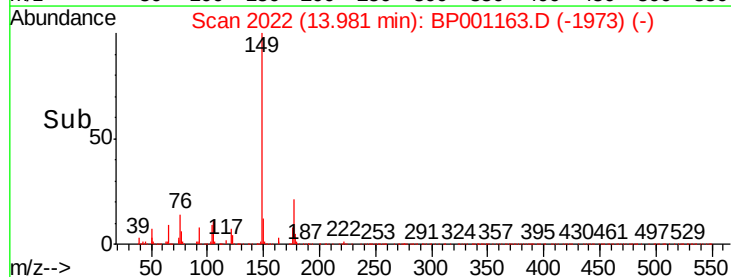
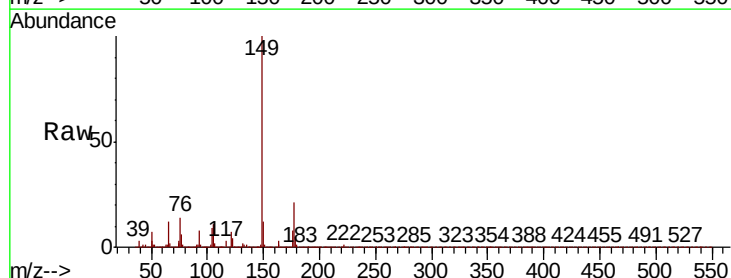
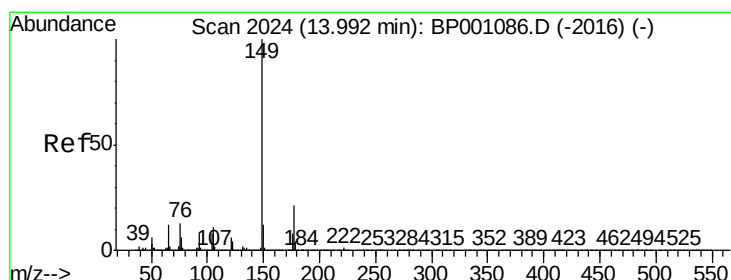
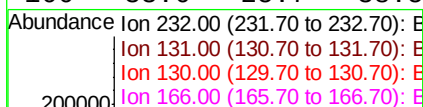
Ion Ratio Lower Upper

232 100

131 50.8 39.6 59.4

130 2.8 1.9 2.9

166 33.6 25.7 38.5



#60

Diethylphthalate

Concen: 38.981 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:149 Resp: 778192

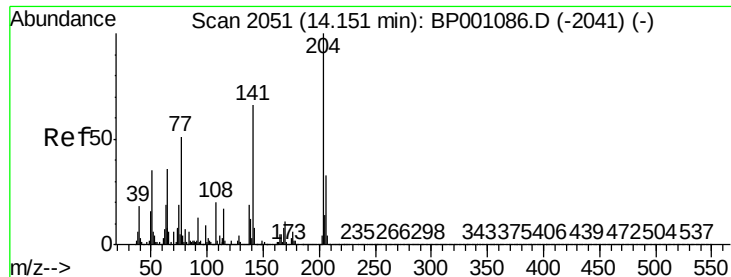
Ion Ratio Lower Upper

149 100

177 20.8 17.0 25.6

150 12.2 9.9 14.9

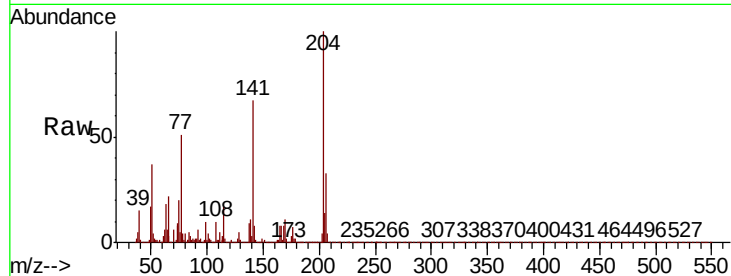




#61
4-Chlorophenyl-phenylether
Concen: 40.116 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.1	39.1
141	67.1	52.7	79.1

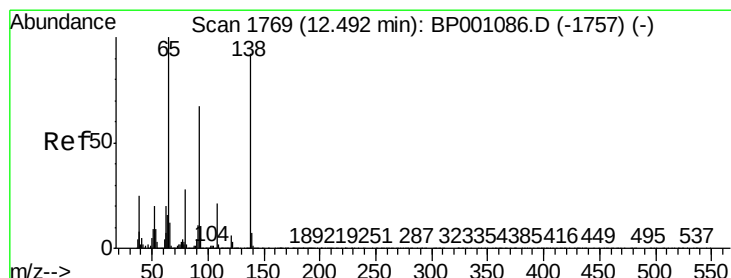
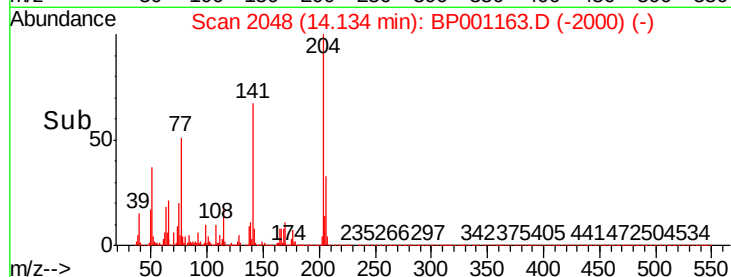
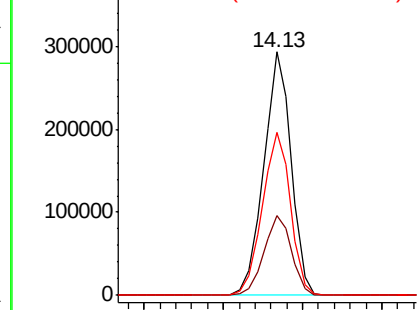


Abundance

Ion 204.00 (203.70 to 204.70): E

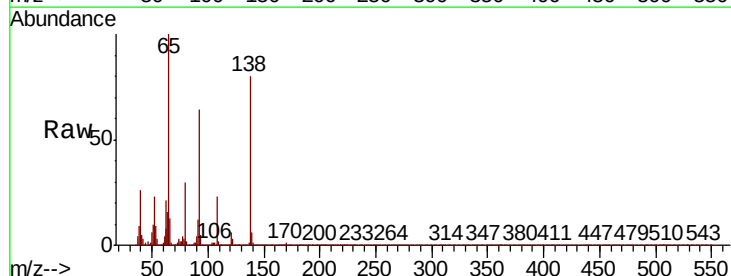
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.508 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	79.8	53.3	93.3
108	28.2	3.1	43.1

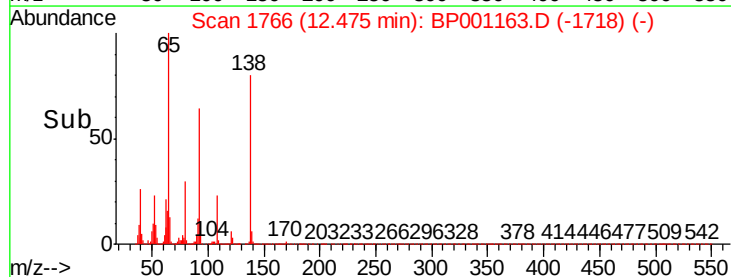
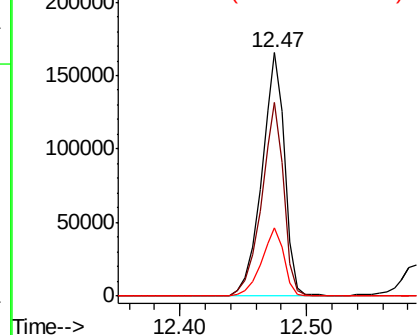


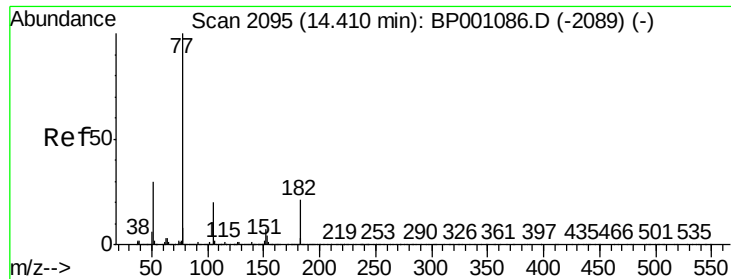
Abundance

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: 40.619 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 876526

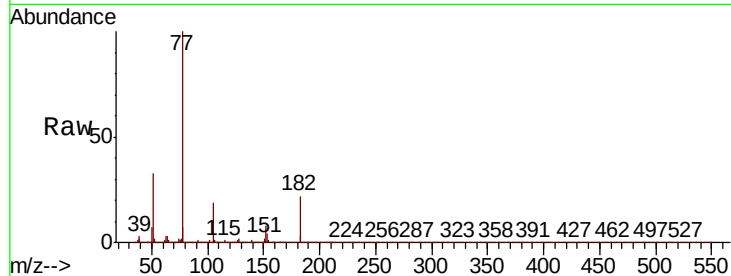
Ion Ratio Lower Upper

77 100

182 22.0 0.8 40.8

105 19.4 0.3 40.3

51 32.8 9.6 49.6

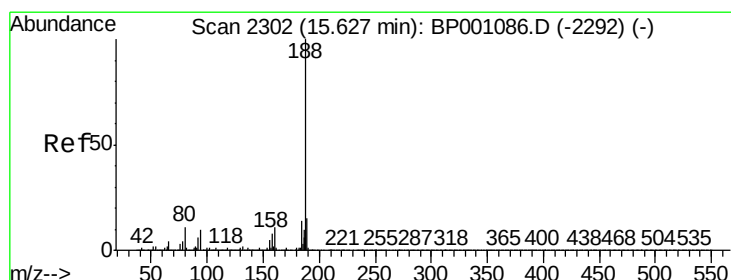
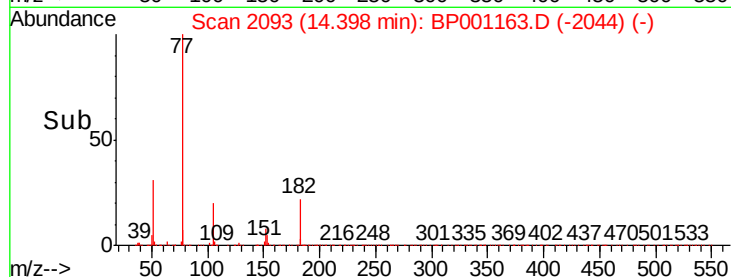
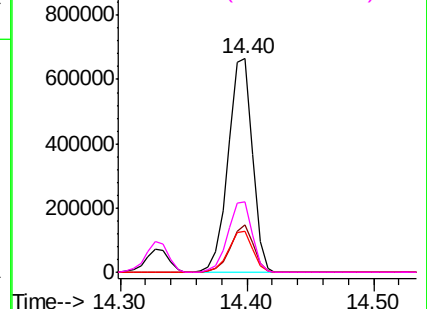


Abundance Ion 77.00 (76.70 to 77.70): BP0

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: BP001163.D

Acq: 03 Dec 2019 19:09

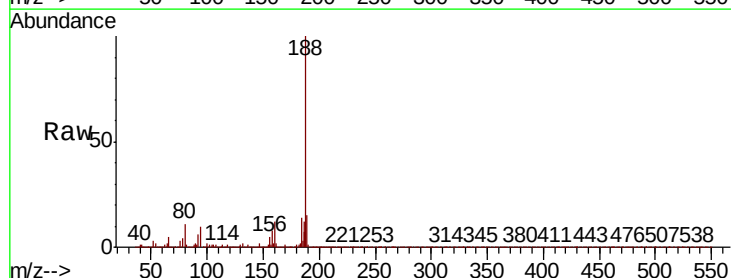
Tgt Ion: 188 Resp: 477458

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

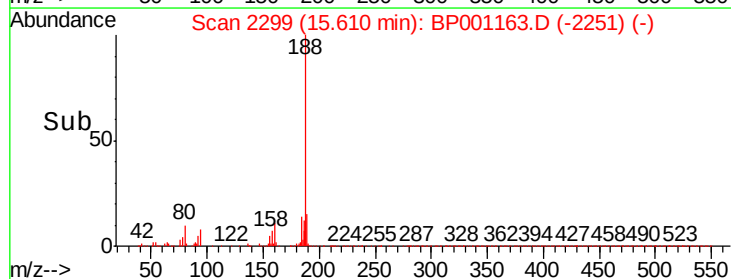
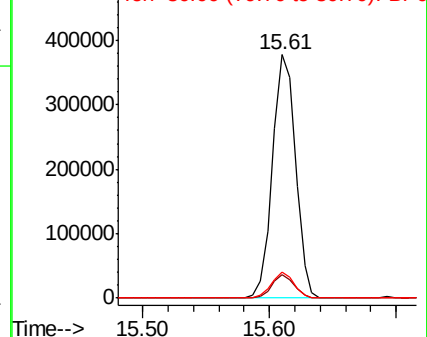
80 10.9 8.8 13.2

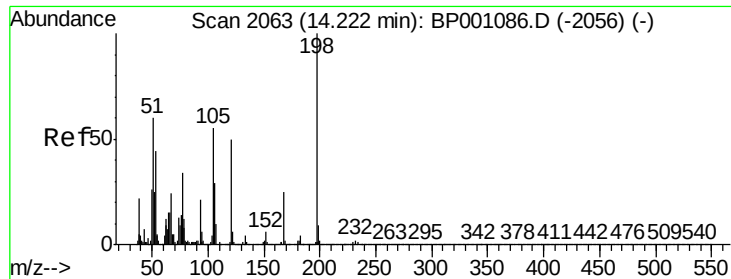


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

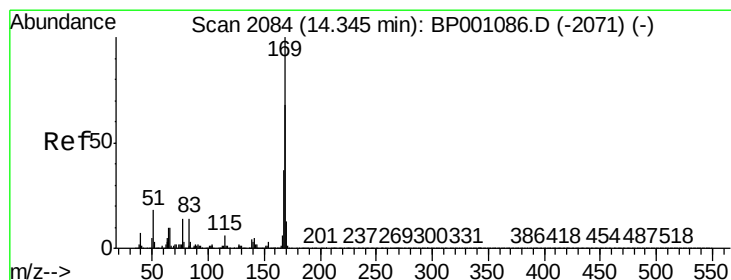
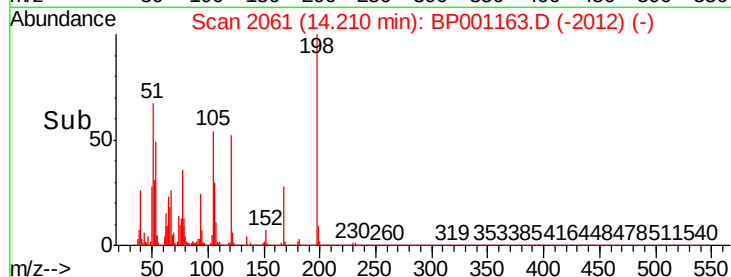
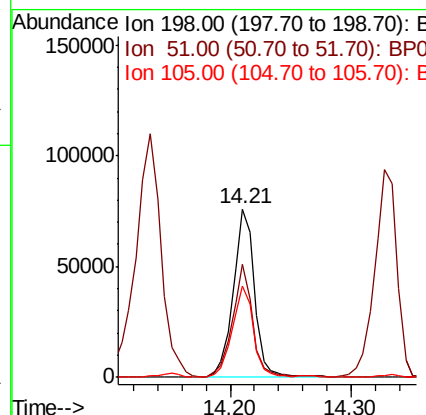
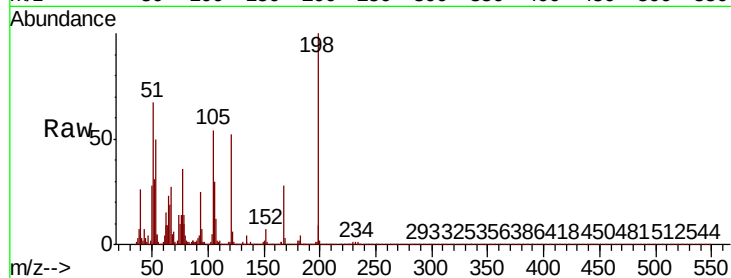




#65
4,6-Dinitro-2-methylphenol
Concen: 46.209 ng
RT: 14.21 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

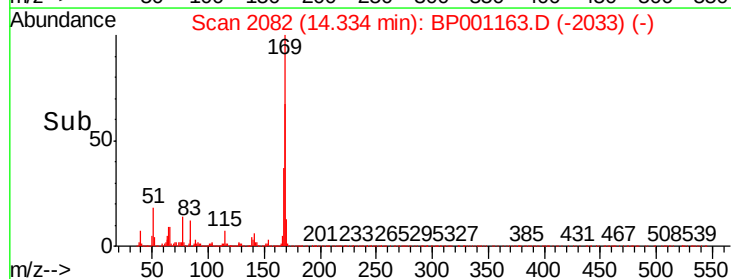
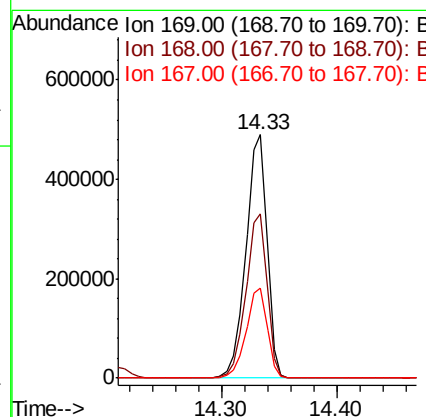
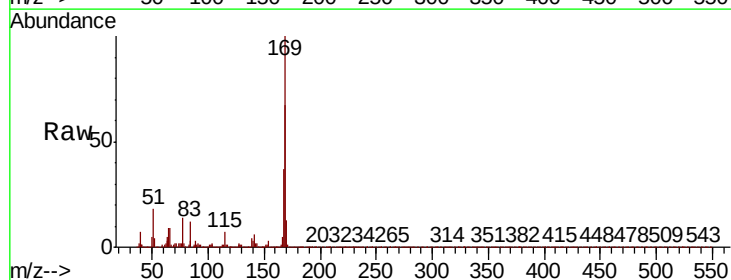
Instrument :
BNA_P
ClientSampled :

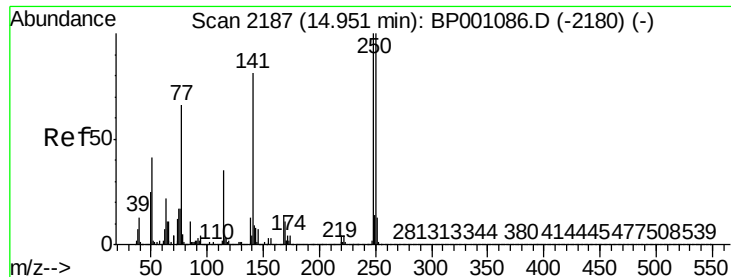
Tot Ion:198 Resp: 94072
Ion Ratio Lower Upper
198 100
51 66.9 40.5 80.5
105 54.1 35.7 75.7



#66
n-Nitrosodiphenylamine
Concen: 42.560 ng
RT: 14.33 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:169 Resp: 617434
Ion Ratio Lower Upper
169 100
168 67.4 54.1 81.1
167 37.2 29.5 44.3

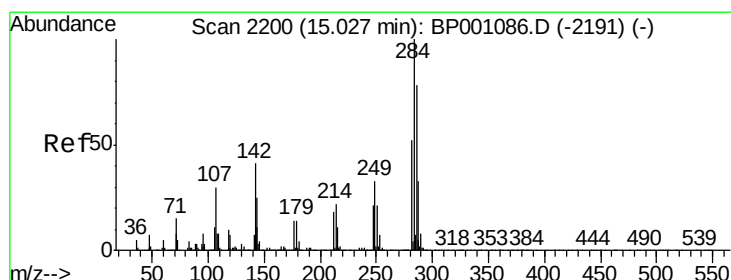
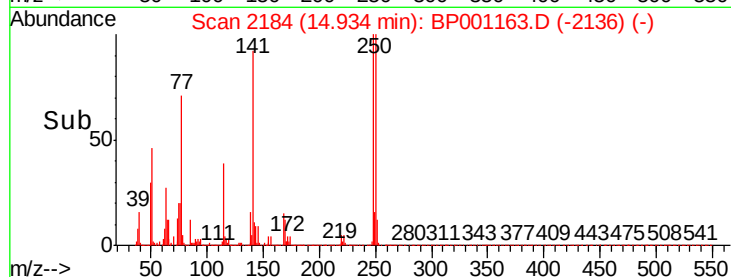
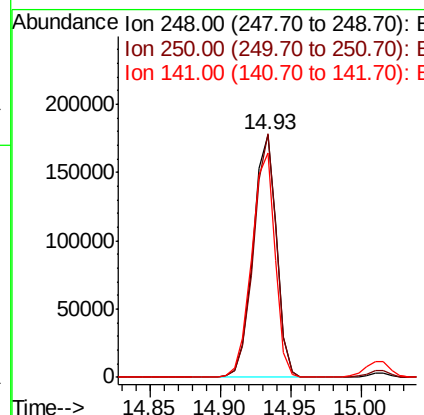
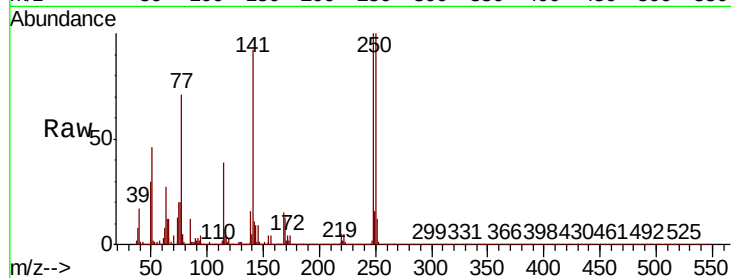




#67
4-Bromophenyl-phenylether
Concen: 39.973 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

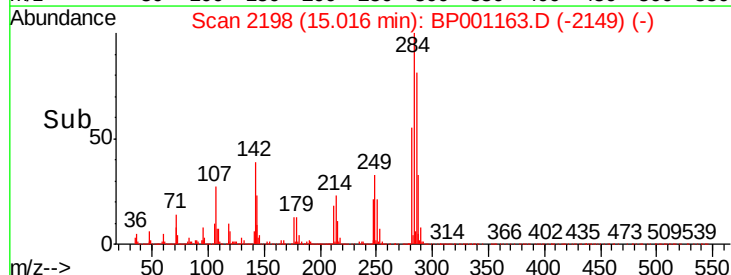
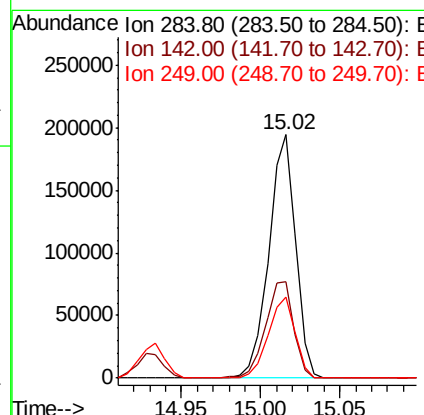
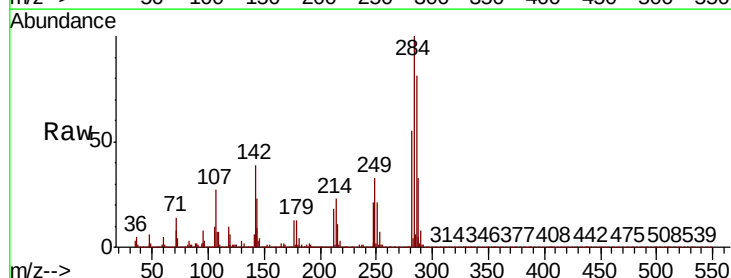
Instrument :
BNA_P
ClientSampled :

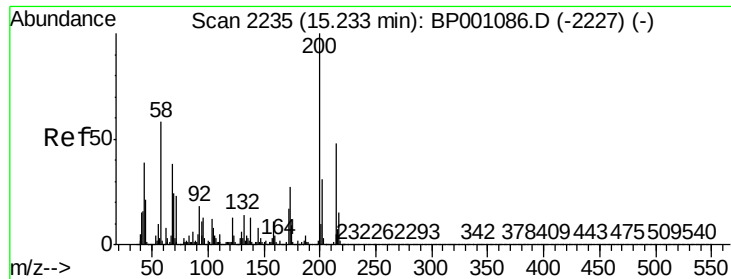
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	80.3	120.5
141	92.8	64.9	97.3



#68
Hexachlorobenzene
Concen: 40.285 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.4	33.2	49.8
249	33.1	26.2	39.4





#69

Atrazine

Concen: 47.362 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampled :

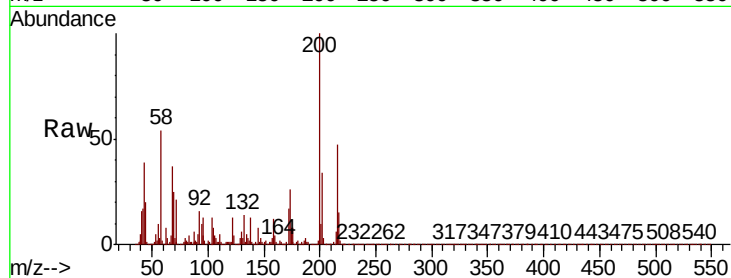
Tot Ion:200 Resp: 209792

Ion Ratio Lower Upper

200 100

173 26.3 6.7 46.7

215 46.7 27.9 67.9

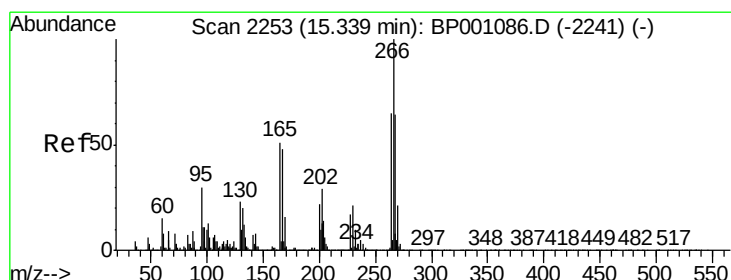
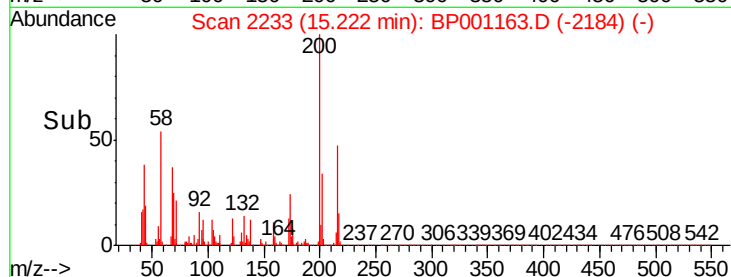
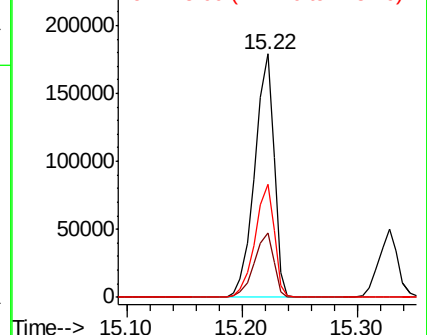


Abundance

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: 90.608 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

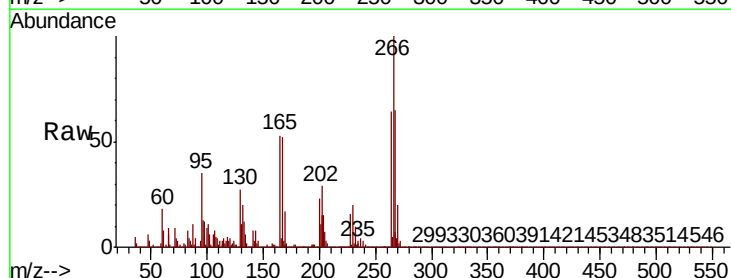
Tgt Ion:266 Resp: 269122

Ion Ratio Lower Upper

266 100

268 65.0 51.6 77.4

264 63.6 52.2 78.4

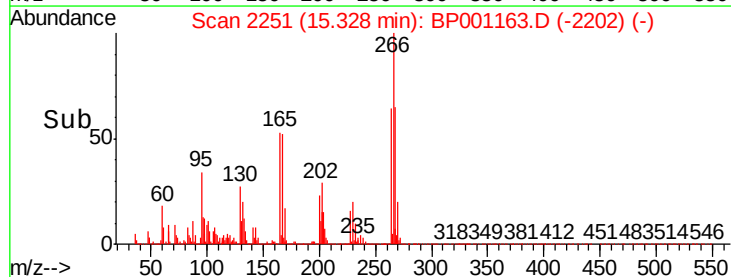
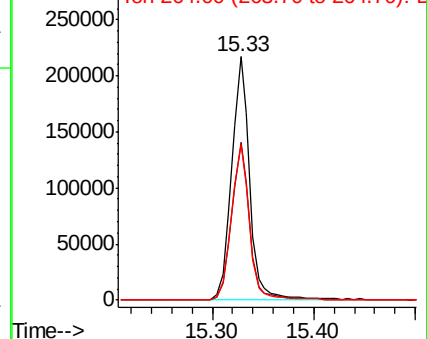


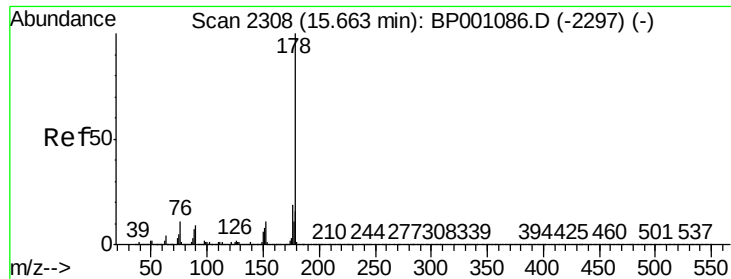
Abundance

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

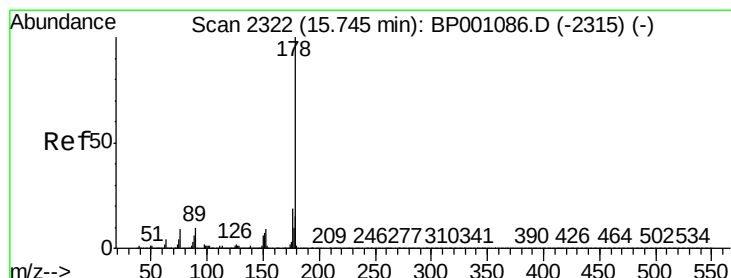
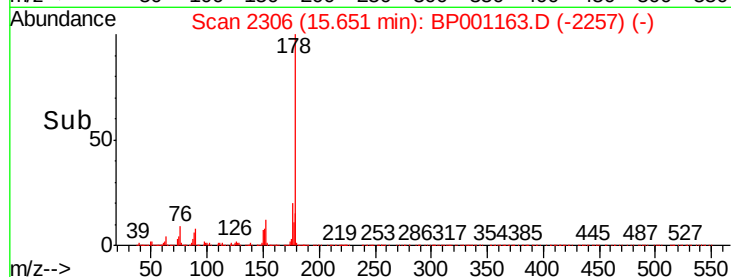
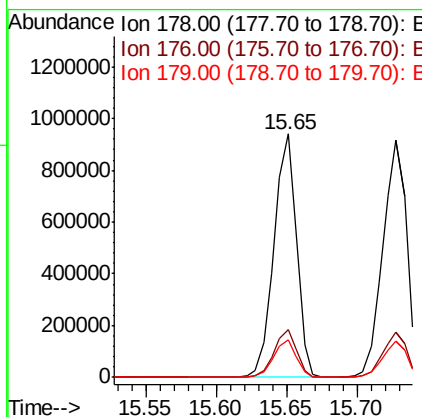
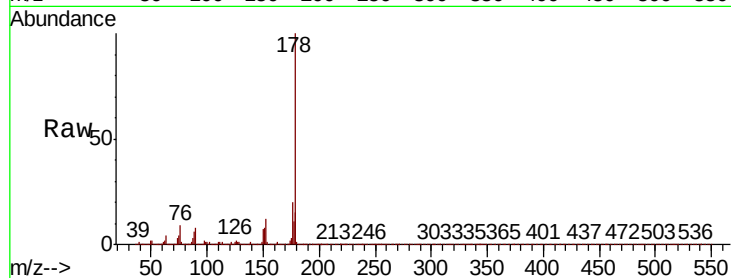




#71
Phenanthrene
Concen: 42.087 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

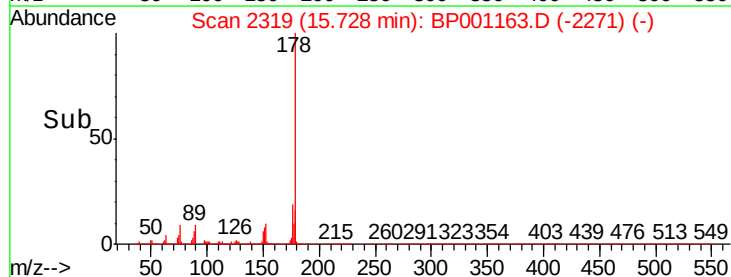
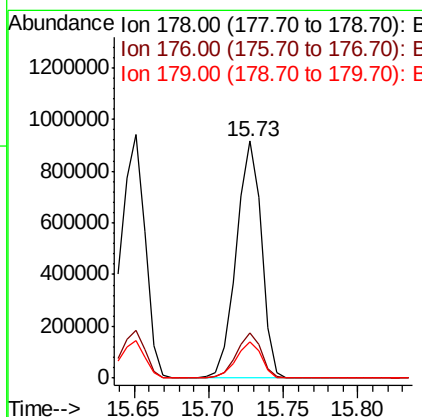
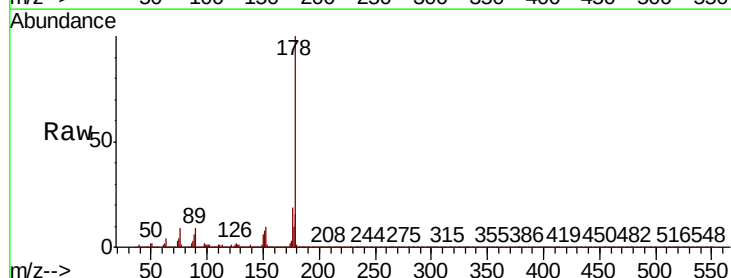
Instrument :
BNA_P
ClientSampleId :

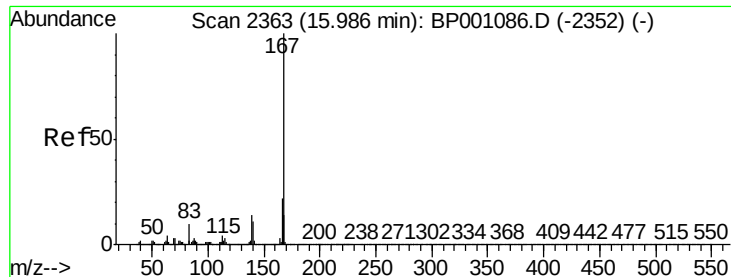
Tot Ion:178 Resp: 1056438
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.2 12.5 18.7



#72
Anthracene
Concen: 43.548 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:178 Resp: 1077419
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.5 12.2 18.4

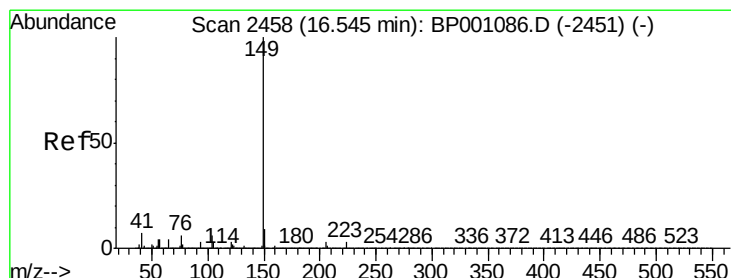
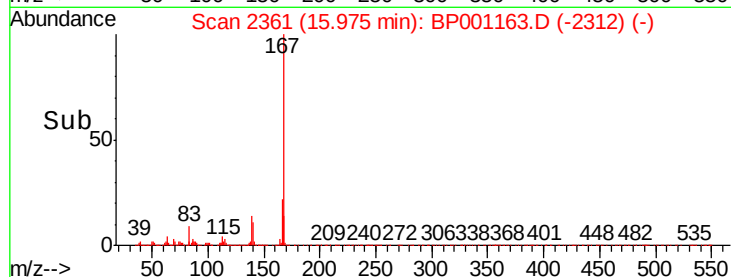
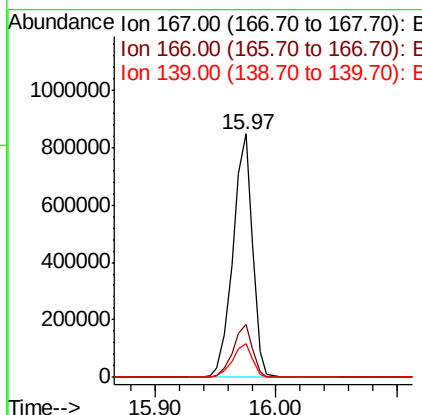
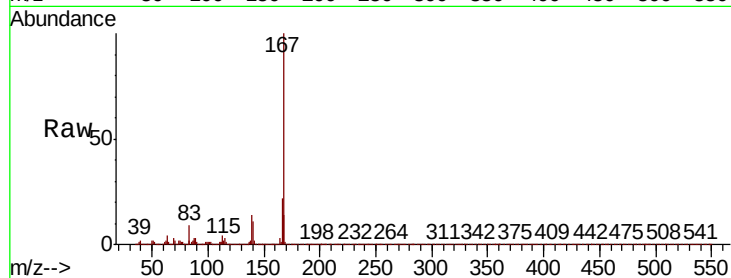




#73
 Carbazole
 Concen: 42.663 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

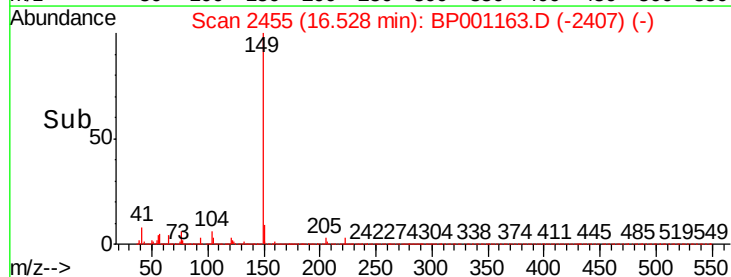
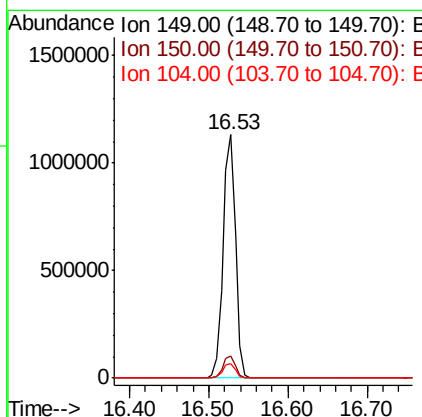
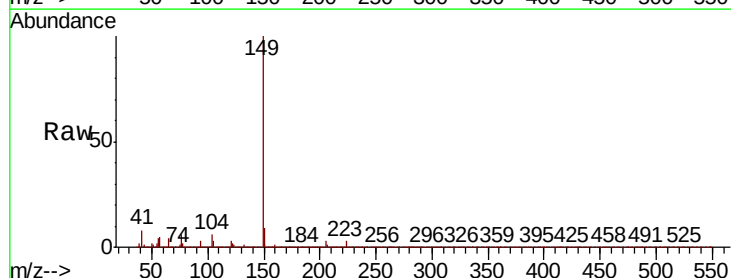
Instrument :
 BNA_P
 ClientSampleId :

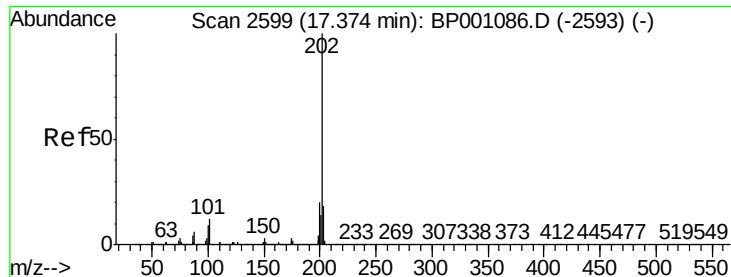
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.8	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 40.125 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	6.0	4.6	6.8





#75

Fluoranthene

Concen: 43.779 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampled :

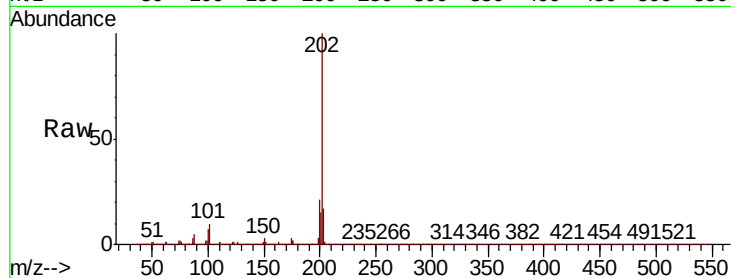
Tot Ion:202 Resp: 1163374

Ion Ratio Lower Upper

202 100

101 9.8 0.0 32.1

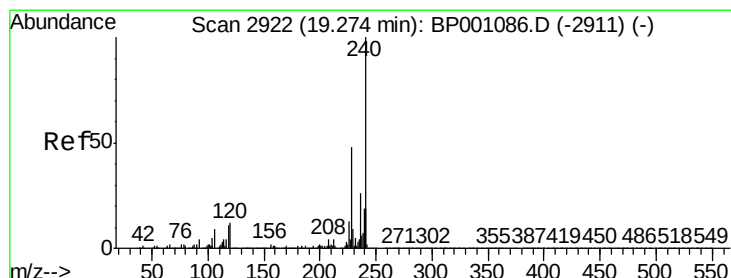
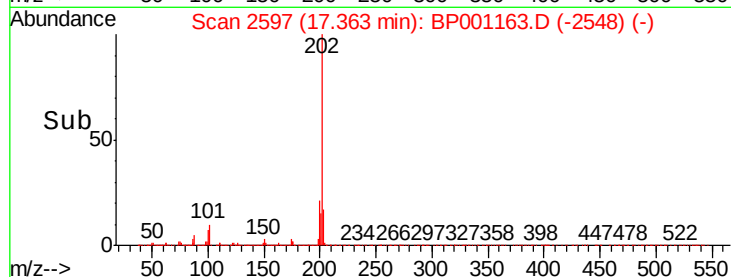
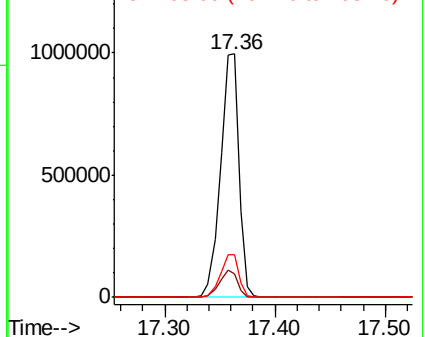
203 17.4 0.0 37.8



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: BP001163.D

Acq: 03 Dec 2019 19:09

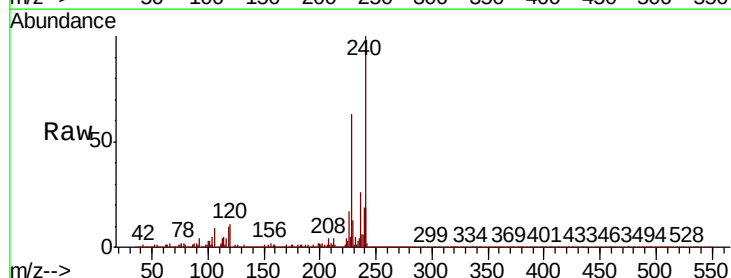
Tgt Ion:240 Resp: 367970

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

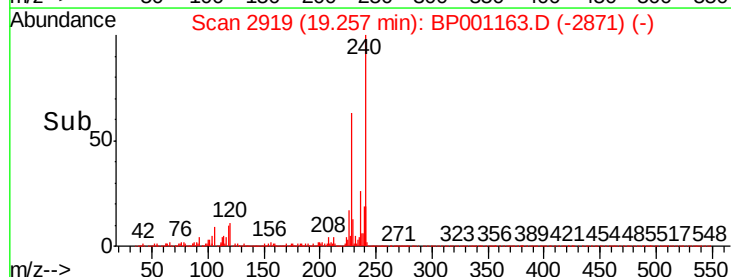
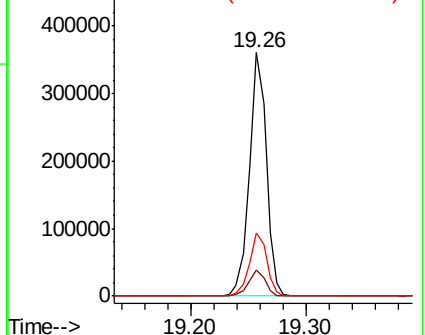
236 26.1 20.4 30.6

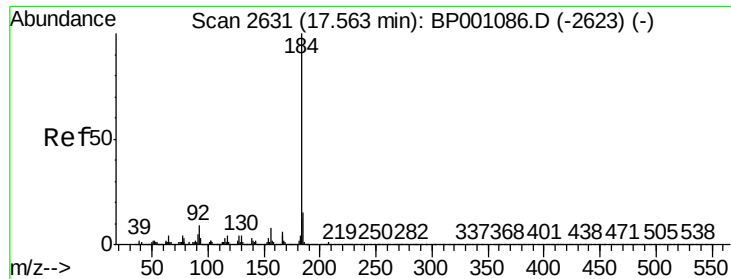


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

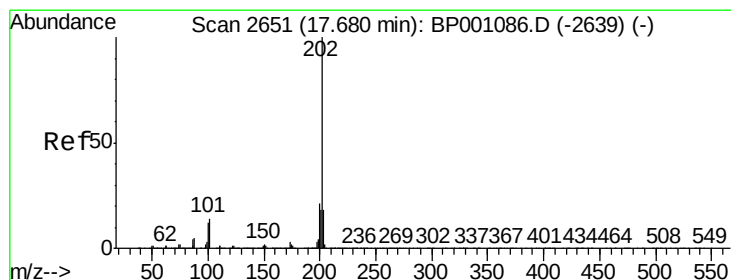
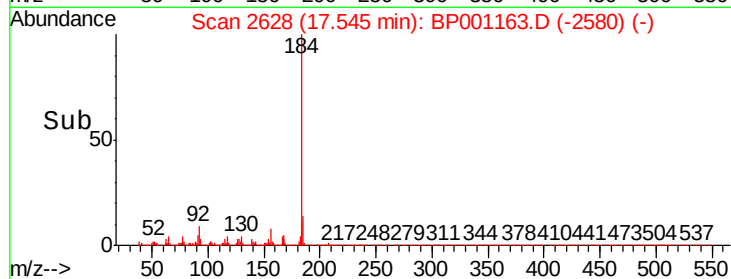
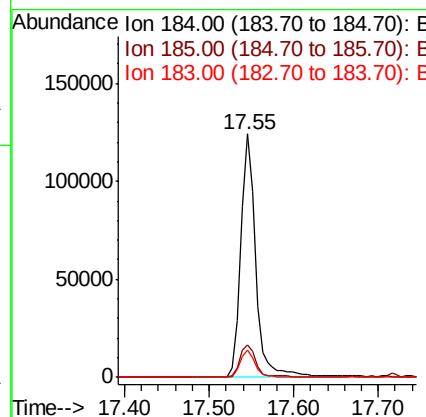
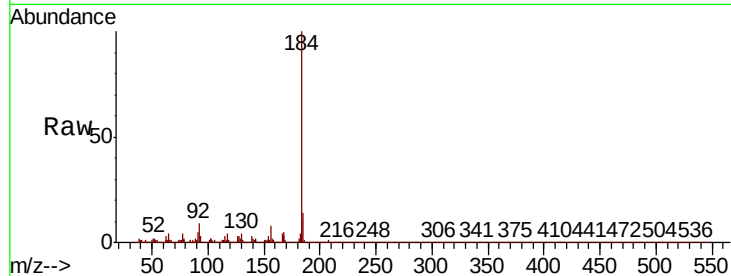




#77
Benzidine
Concen: 15.840 ng
RT: 17.55 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

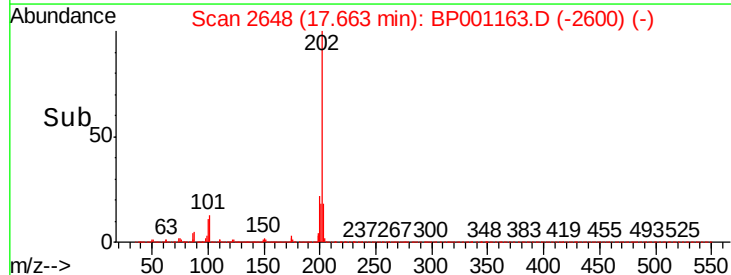
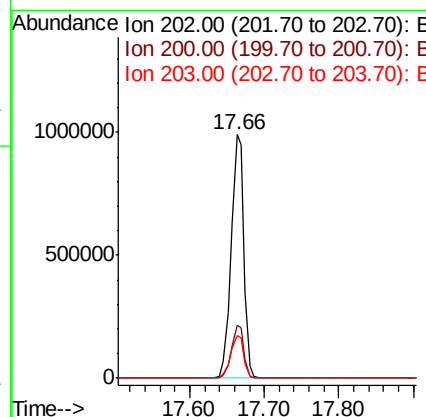
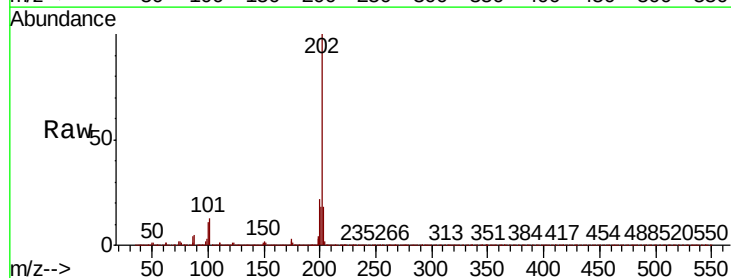
Instrument :
BNA_P
ClientSampleId :

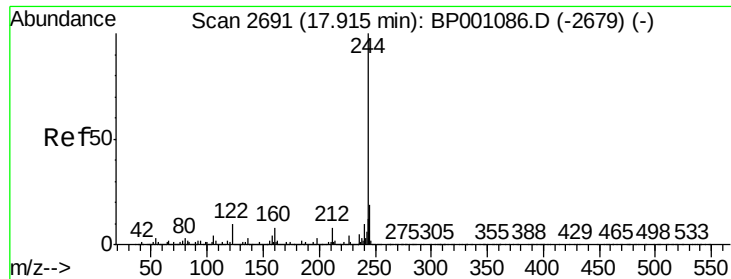
Tot Ion:184 Resp: 150488
Ion Ratio Lower Upper
184 100
185 13.5 12.2 18.4
183 11.3 9.3 13.9



#78
Pyrene
Concen: 40.563 ng
RT: 17.66 min Scan# 2648
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:202 Resp: 1175602
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.6 14.1 21.1

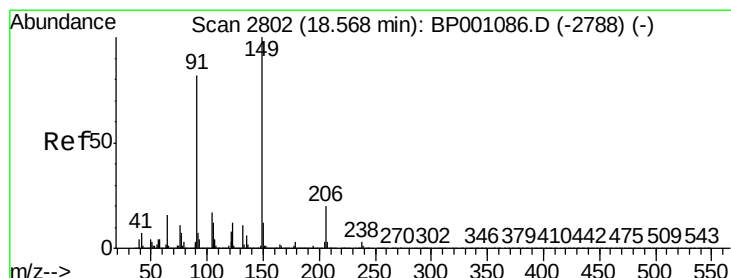
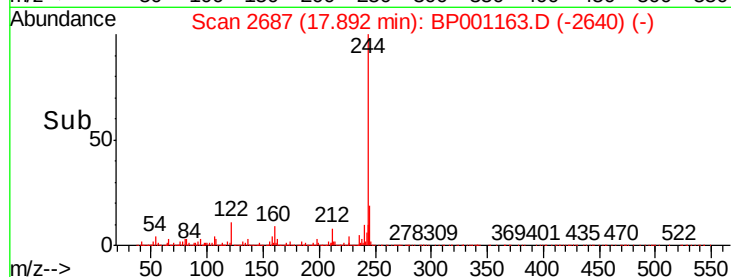
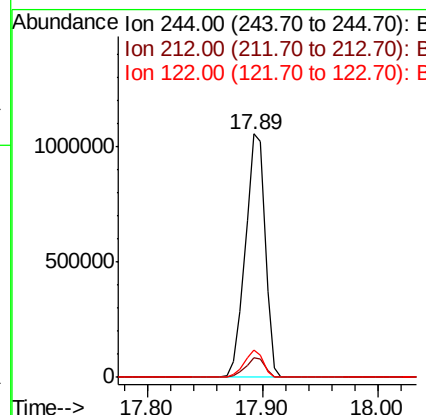
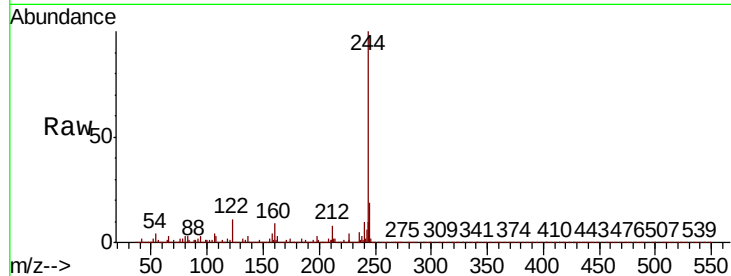




#79
 Terphenyl-d14
 Concen: 63.086 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. -0.02 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

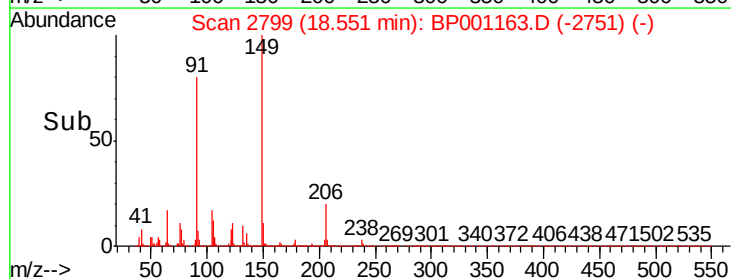
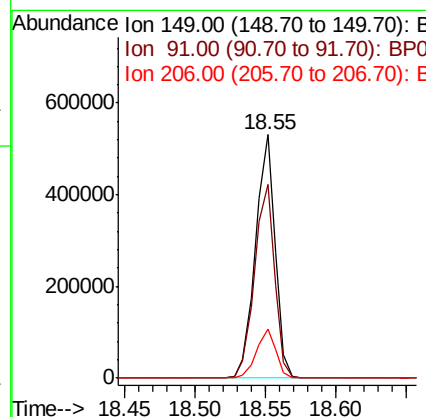
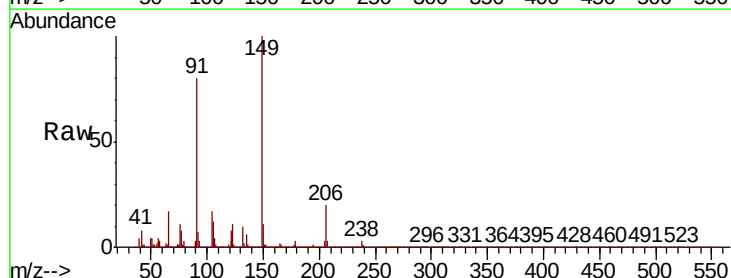
Instrument :
 BNA_P
 ClientSampled :

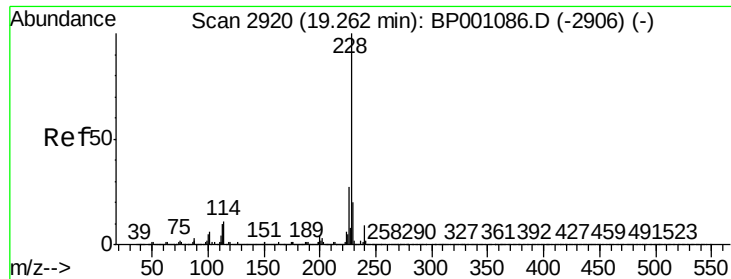
Tot Ion:244 Resp: 1254736
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 11.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 38.868 ng
 RT: 18.55 min Scan# 2799
 Delta R.T. -0.02 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

Tgt Ion:149 Resp: 520301
 Ion Ratio Lower Upper
 149 100
 91 79.8 65.4 98.2
 206 19.9 16.0 24.0





#81

Benzo(a)anthracene

Concen: 40.295 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

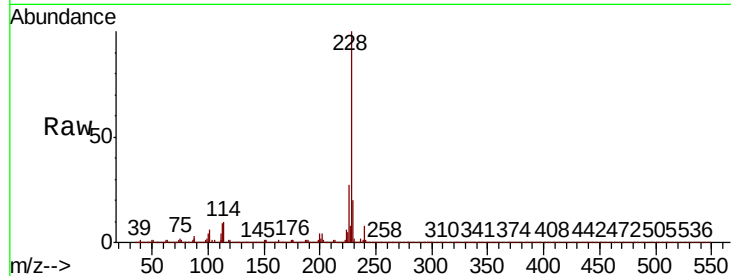
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1028027

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.9	15.8	23.6

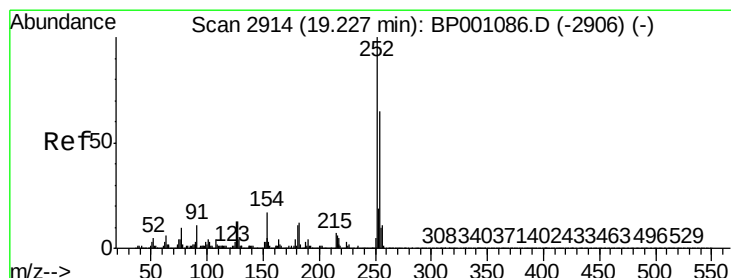
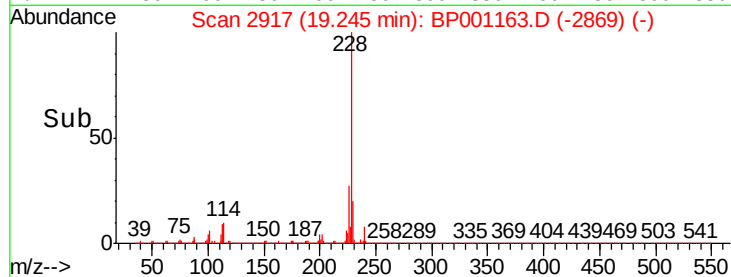
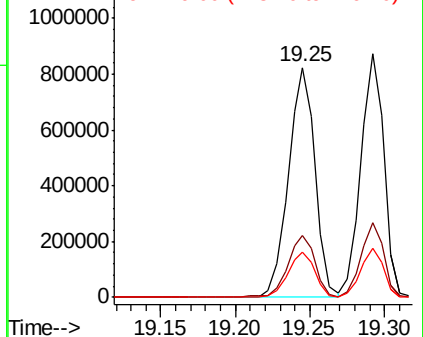


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.560 ng

RT: 19.21 min Scan# 2911

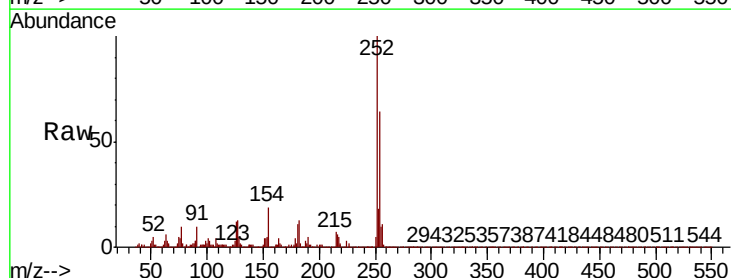
Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:252 Resp: 316571

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.7	77.5
126	12.5	10.2	15.4

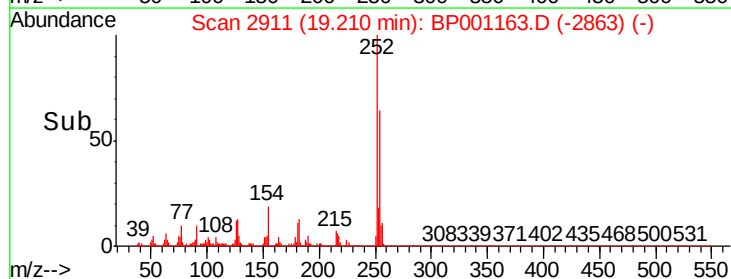
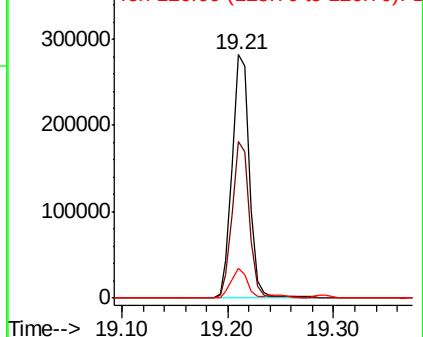


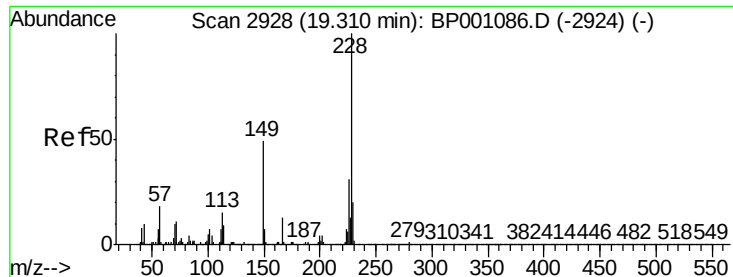
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.224 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

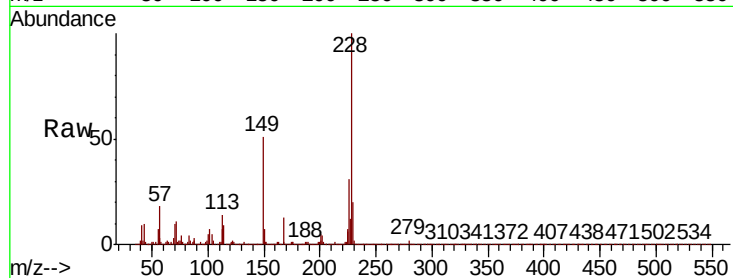
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 941790

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.9	15.7	23.5

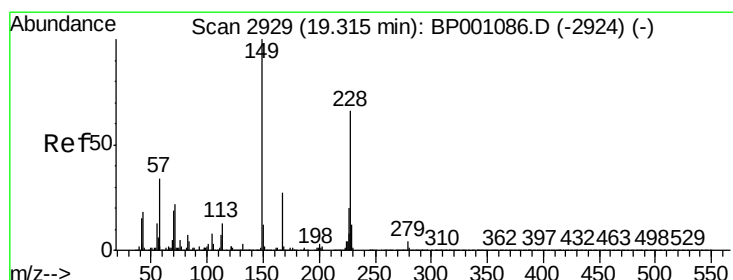
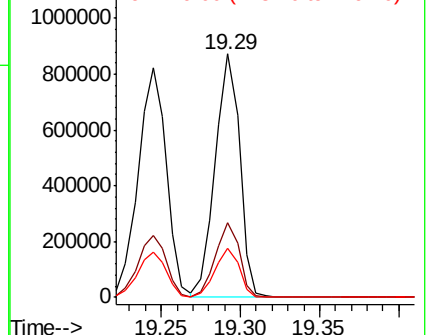
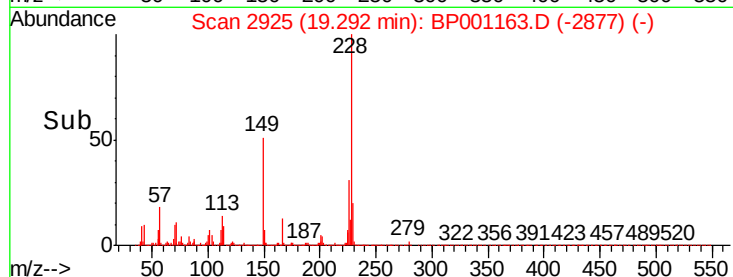


Abundance

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: 37.098 ng

RT: 19.30 min Scan# 2926

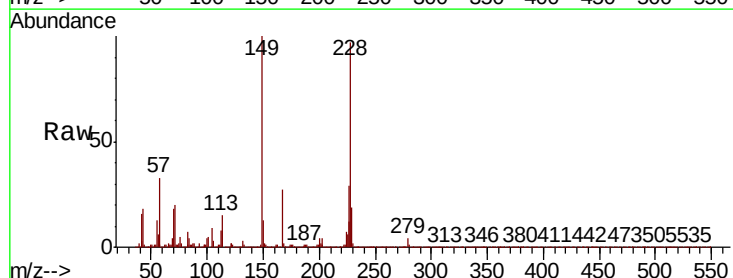
Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:149 Resp: 682772

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.6	2.8	4.2

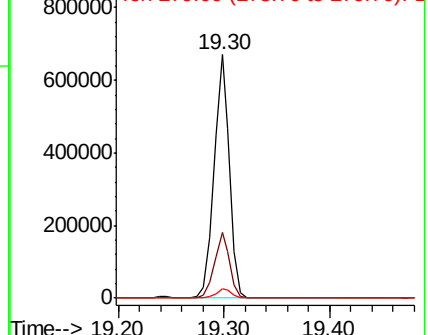
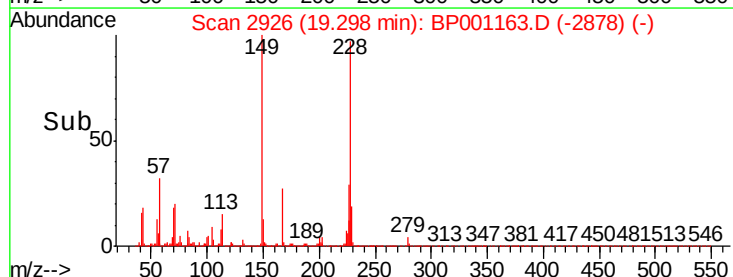


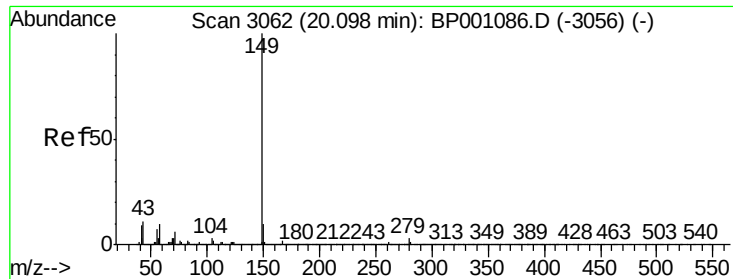
Abundance

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

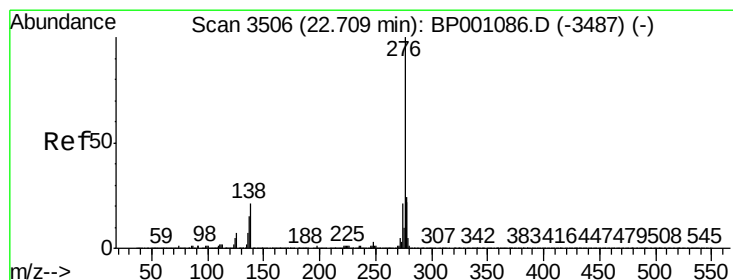
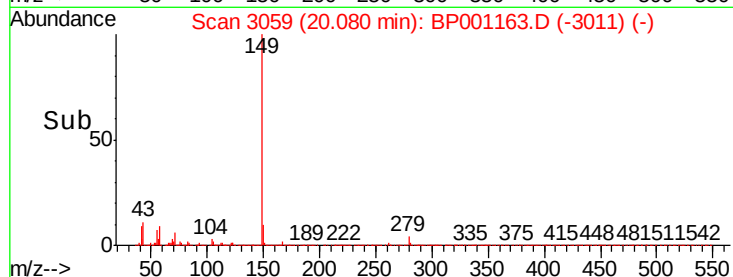
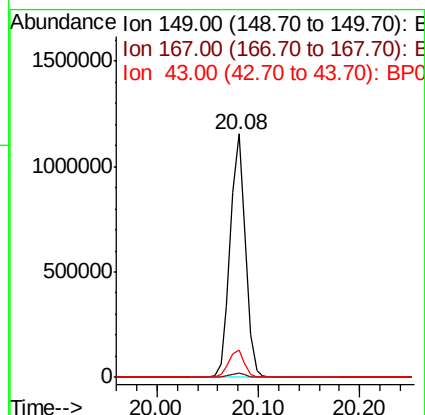
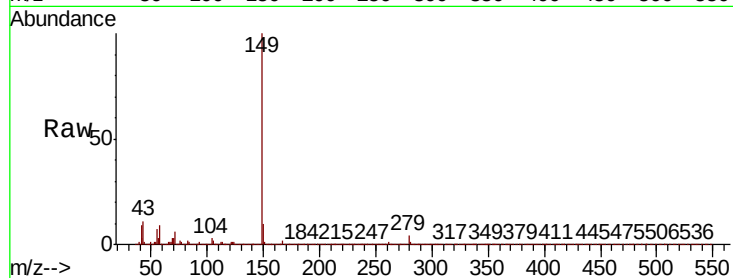




#85
Di-n-octyl phthalate
Concen: 37.145 ng
RT: 20.08 min Scan# 3059
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

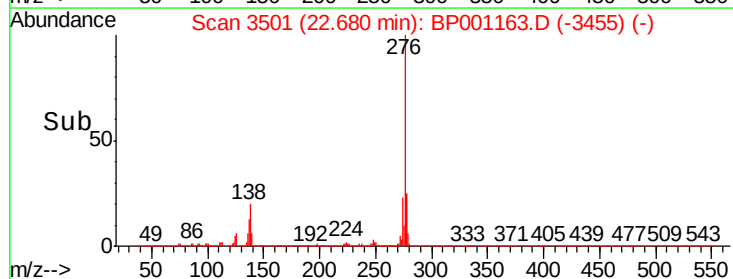
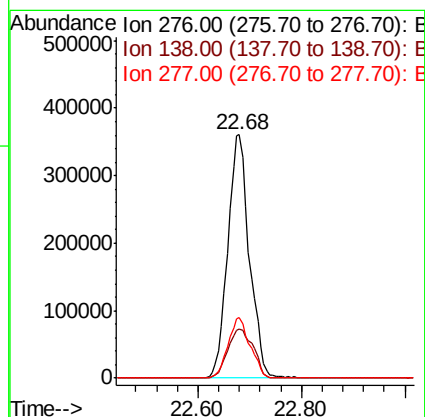
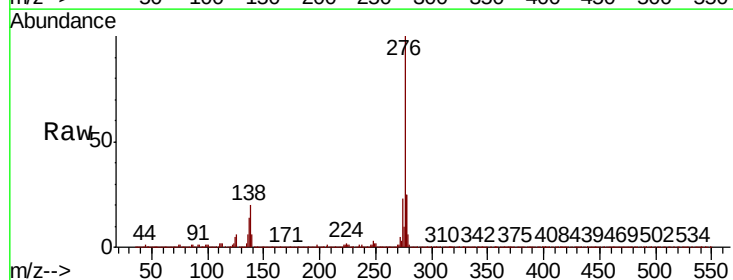
Instrument :
BNA_P
ClientSampleId :

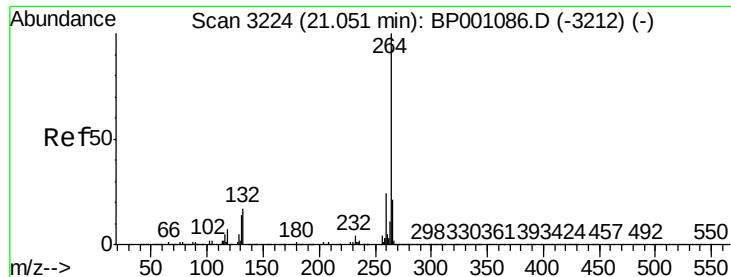
Tot Ion:149 Resp: 1214423
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 8.5 12.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.890 ng
RT: 22.68 min Scan# 3501
Delta R.T. -0.03 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:276 Resp: 1047094
Ion Ratio Lower Upper
276 100
138 23.7 20.6 30.8
277 25.5 20.0 30.0



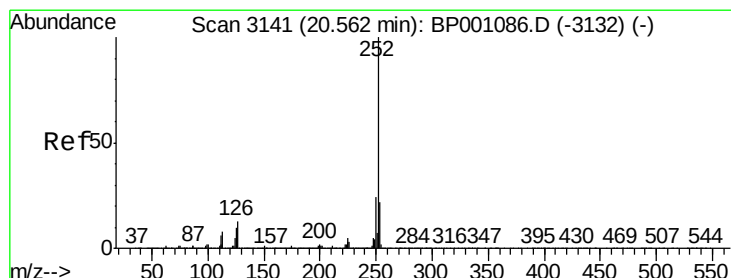
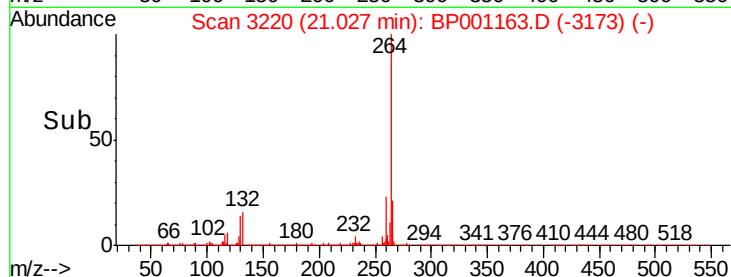
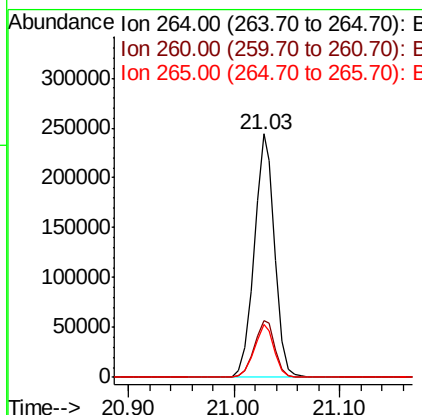
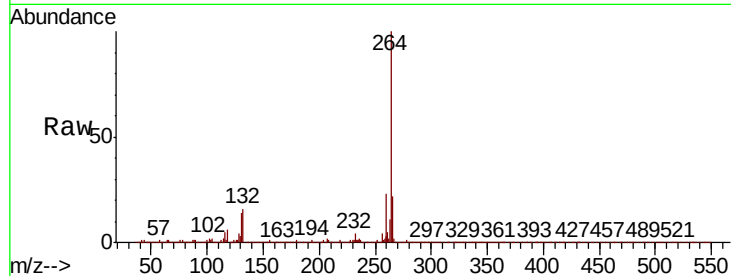


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 329234

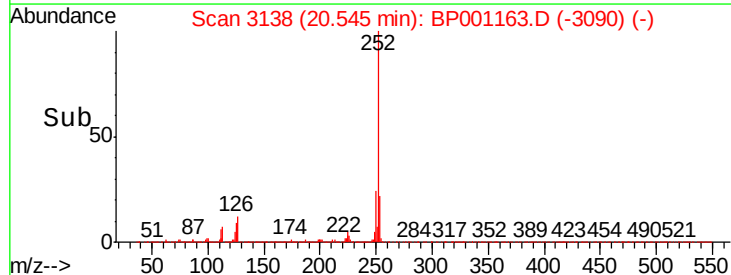
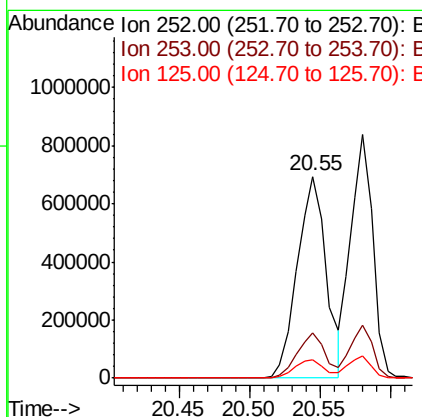
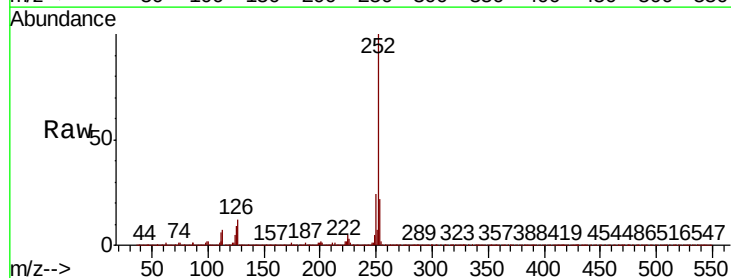
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	16.9	25.3

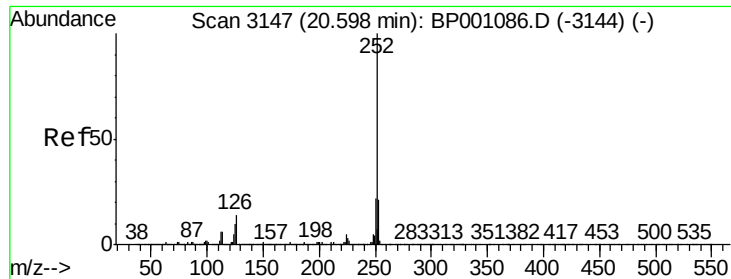


#88
Benzo(b)fluoranthene
Concen: 49.131 ng
RT: 20.55 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:252 Resp: 987993

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.1	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 47.202 ng

RT: 20.58 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

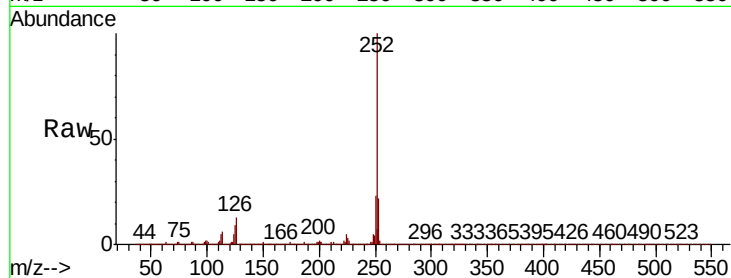
Tot Ion:252 Resp: 914237

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

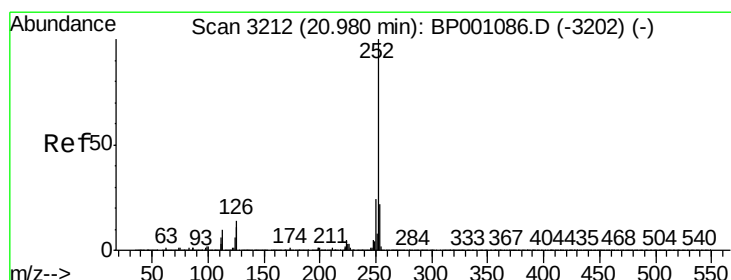
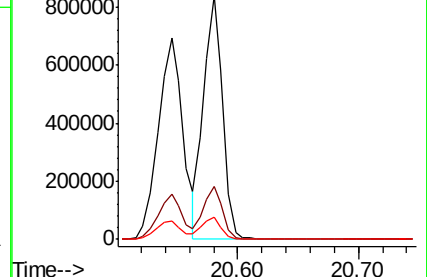
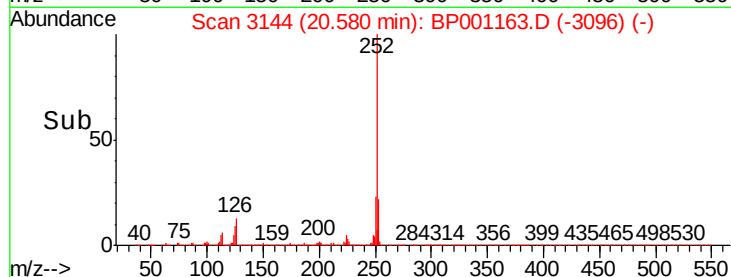
125 9.0 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.734 ng

RT: 20.96 min Scan# 3209

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

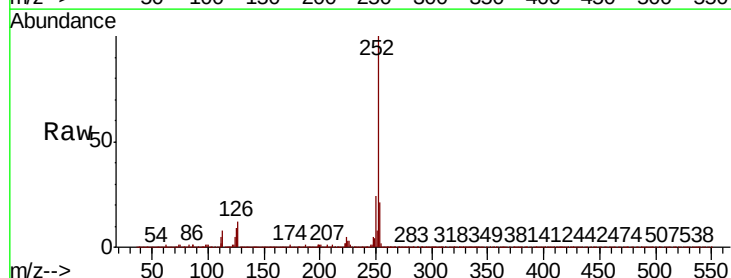
Tgt Ion:252 Resp: 865643

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

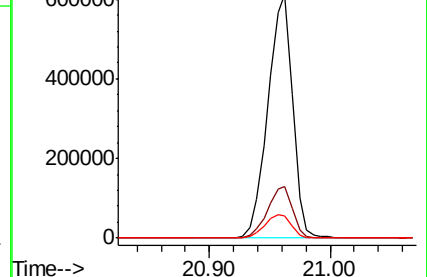
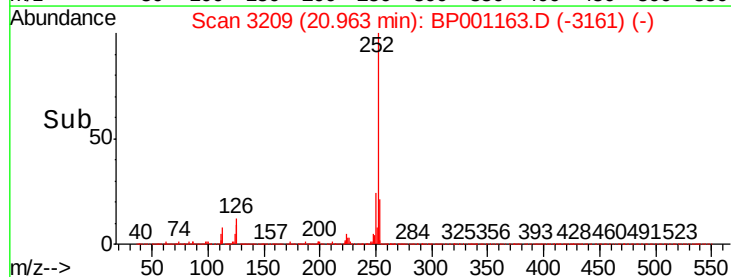
125 9.0 8.7 13.1

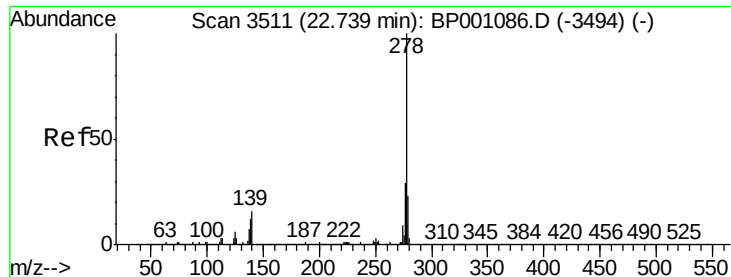


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.671 ng

RT: 22.70 min Scan# 3505

Delta R.T. -0.03 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

ClientSampleId :

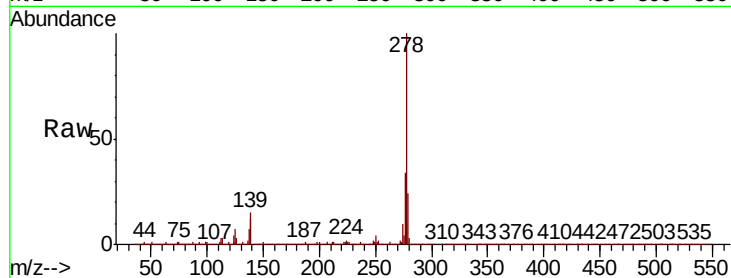
Tot Ion:278 Resp: 882252

Ion Ratio Lower Upper

278 100

139 15.1 13.0 19.4

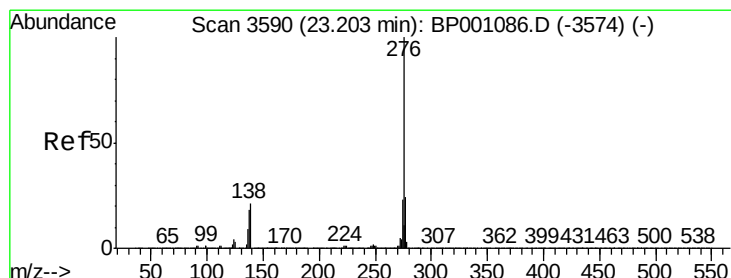
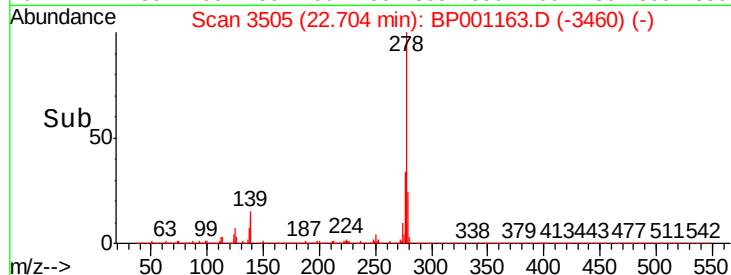
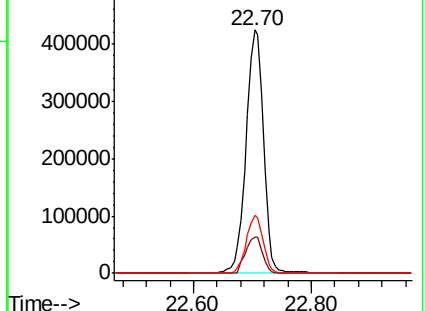
279 23.9 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.209 ng

RT: 23.17 min Scan# 3585

Delta R.T. -0.03 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

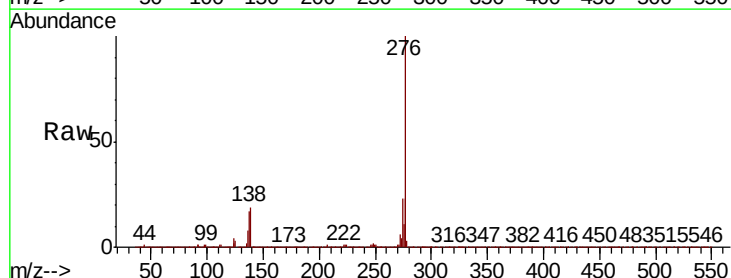
Tgt Ion:276 Resp: 898691

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 19.0 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

