

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001097.D
 Acq On : 27 Nov 2019 23:37
 Operator : JU
 Sample : PB125030BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 28 02:51:42 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	8.33	152	182714	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	694952	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	371593	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	672597	20.00	ng	0.00
76) Chrysene-d12	19.27	240	492977	20.00	ng	0.00
87) Perylene-d12	21.05	264	443885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.24	112	1105977	100.43	ng	0.01
7) Phenol-d6	7.78	99	1058487	72.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	1345590	84.01	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	449247	126.13	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	2145563	84.51	ng	0.00
79) Terphenyl-d14	17.91	244	2332061	87.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	146725	28.523	ng	100
3) Pyridine	3.49	79	268947	18.842	ng	99
4) n-Nitrosodimethylamine	3.38	42	199085	32.231	ng	95
6) Aniline	7.81	93	126780	6.517	ng	99
8) 2-Chlorophenol	7.99	128	530126	46.525	ng	98
9) Benzaldehyde	7.62	77	19424	Below Cal		96
10) Phenol	7.79	94	415854	24.918	ng	84
11) bis(2-Chloroethyl)ether	7.93	93	595422	45.817	ng	99
12) 1,3-Dichlorobenzene	8.23	146	543590	40.250	ng	99
13) 1,4-Dichlorobenzene	8.36	146	556310	40.891	ng	100
14) 1,2-Dichlorobenzene	8.59	146	524965	41.000	ng	99
15) Benzyl Alcohol	8.56	79	407821	33.861	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.79	45	901490	43.147	ng	98
17) 2-Methylphenol	8.75	107	455167	43.548	ng	99
18) Hexachloroethane	9.13	117	220578	39.193	ng	98
19) n-Nitroso-di-n-propylamine	9.00	70	471486	44.534	ng	99
20) 3+4-Methylphenols	9.00	107	522390	39.649	ng	95
22) Acetophenone	8.98	105	895815	43.858	ng	# 99
24) Nitrobenzene	9.25	77	703868	44.191	ng	97
25) Isophorone	9.64	82	1281521	44.616	ng	98
26) 2-Nitrophenol	9.75	139	269433	46.182	ng	99
27) 2,4-Dimethylphenol	9.85	122	485076	52.490	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	741701	41.156	ng	99
29) 2,4-Dichlorophenol	10.15	162	474149	45.080	ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	491551	40.013	ng	99
31) Naphthalene	10.40	128	1537000	43.304	ng	99
32) Benzoic acid	9.99	122	145267	21.743	ng	99
33) 4-Chloroaniline	10.49	127	27929	1.813	ng	98
34) Hexachlorobutadiene	10.62	225	291766	37.754	ng	100
35) Caprolactam	11.06	113	27936	7.706	ng	94
36) 4-Chloro-3-methylphenol	11.30	107	538054	43.146	ng	100
37) 2-Methylnaphthalene	11.53	142	1048959	43.312	ng	98
38) 1-Methylnaphthalene	11.69	142	997497	43.600	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	479574	40.952	ng	98

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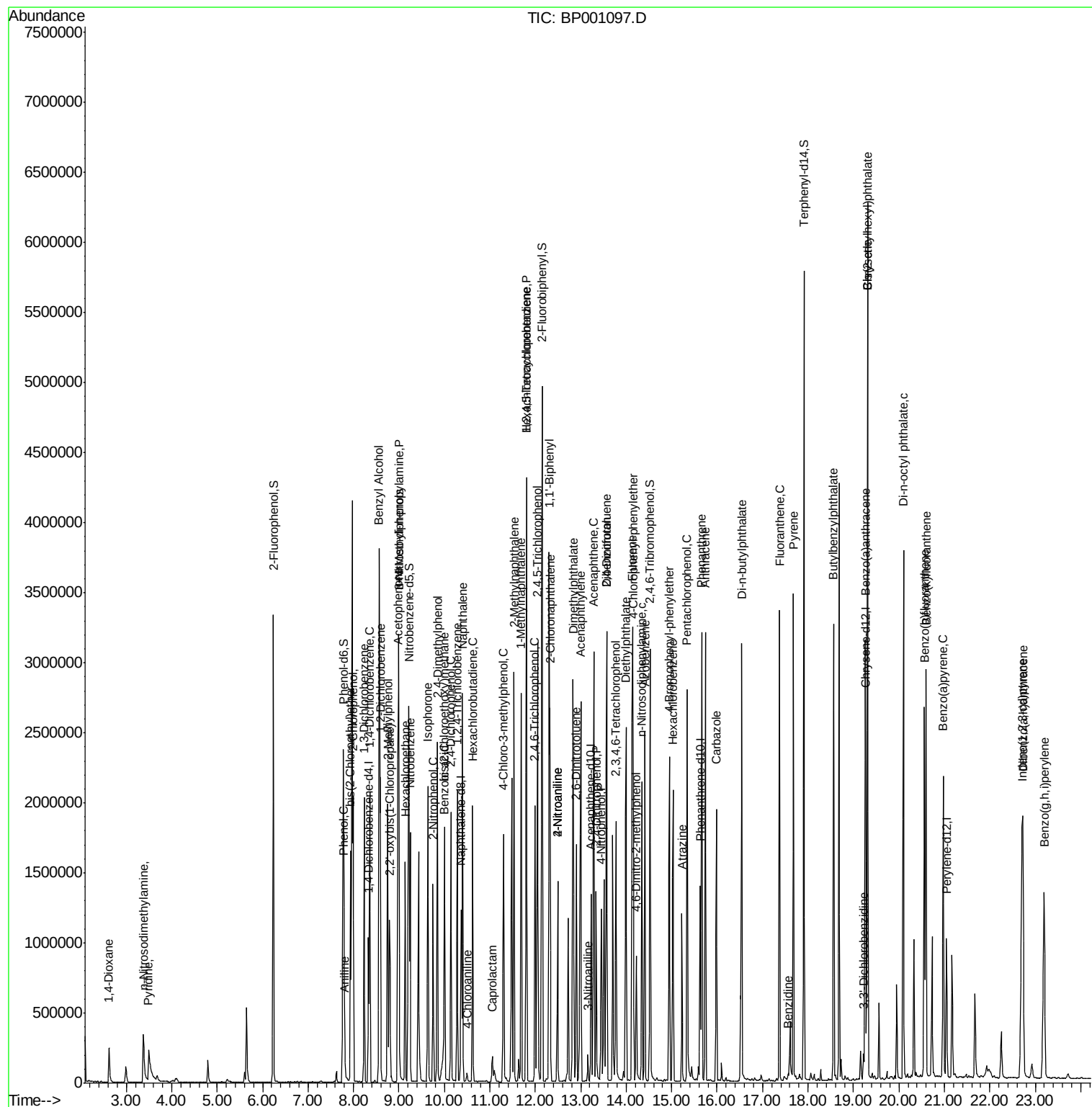
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	504479	93.380	nq	97
43) 2,4,6-Trichlorophenol	12.00	196	344177	45.013	nq	99
44) 2,4,5-Trichlorophenol	12.05	196	352362	44.477	nq	# 96
46) 1,1'-Biphenyl	12.30	154	1270963	44.257	nq	100
47) 2-Chloronaphthalene	12.32	162	978916	42.674	nq	98
48) 2-Nitroaniline	12.49	65	344511	38.320	nq	94
49) Acenaphthylene	13.00	152	1520586	44.223	nq	99
50) Dimethylphthalate	12.83	163	1306662	47.016	nq	100
51) 2,6-Dinitrotoluene	12.90	165	258748	43.493	nq	94
52) Acenaphthene	13.29	154	900022	43.514	nq	100
53) 3-Nitroaniline	13.16	138	32126	4.807	nq	96
54) 2,4-Dinitrophenol	13.35	184	198040	81.364	nq	97
55) Dibenzofuran	13.57	168	1361201	43.795	nq	99
56) 4-Nitrophenol	13.46	139	232433	49.082	nq	99
57) 2,4-Dinitrotoluene	13.56	165	321251	43.080	nq	90
58) Fluorene	14.13	166	1076819	43.236	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	288402	44.286	nq	97
60) Diethylphthalate	13.99	149	1208984	42.013	nq	100
61) 4-Chlorophenyl-phenylether	14.15	204	544141	42.905	nq	99
62) 4-Nitroaniline	12.49	138	297758	38.430	nq	99
63) Azobenzene	14.41	77	1338665	43.037	nq	98
65) 4,6-Dinitro-2-methylphenol	14.22	198	136355	47.365	nq	97
66) n-Nitrosodiphenylamine	14.35	169	652677	31.937	nq	99
67) 4-Bromophenyl-phenylether	14.95	248	322207	44.125	nq	93
68) Hexachlorobenzene	15.03	284	344193	42.875	nq	99
69) Atrazine	15.23	200	169571	27.175	nq	98
70) Pentachlorophenol	15.34	266	391920	93.669	nq	99
71) Phenanthrene	15.66	178	1561195	44.151	nq	100
72) Anthracene	15.75	178	1579619	45.322	nq	100
73) Carbazole	15.99	167	953674	30.070	nq	99
74) Di-n-butylphthalate	16.54	149	1927544	45.204	nq	99
75) Fluoranthene	17.37	202	1668485	44.570	nq	99
77) Benzidine	17.56	184	31684	2.489	nq	97
78) Pyrene	17.68	202	1675060	43.141	nq	100
80) Butylbenzylphthalate	18.56	149	822815	45.880	nq	98
81) Benzo(a)anthracene	19.26	228	1500437	43.898	nq	100
82) 3,3'-Dichlorobenzidine	19.22	252	37997	3.365	nq	97
83) Chrysene	19.30	228	1357176	44.342	nq	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1163265	47.178	nq	98
85) Di-n-octyl phthalate	20.10	149	2124654	48.507	nq	99
86) Indeno(1,2,3-cd)pyrene	22.70	276	1591432	44.119	nq	100
88) Benzo(b)fluoranthene	20.56	252	1408927	51.966	nq	99
89) Benzo(k)fluoranthene	20.60	252	1427475	54.665	nq	99
90) Benzo(a)pyrene	20.98	252	1251485	50.113	nq	99
91) Dibenzo(a,h)anthracene	22.73	278	1364943	55.851	nq	100
92) Benzo(g,h,i)perylene	23.20	276	1320681	54.727	nq	99

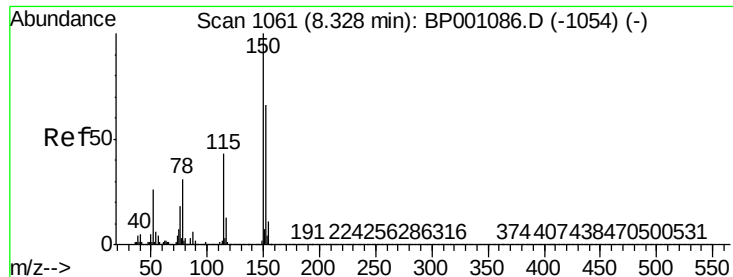
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

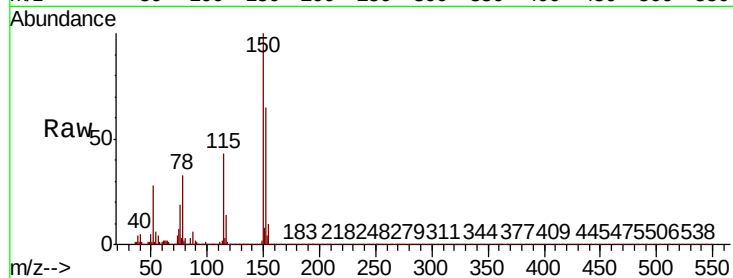
Tot Ion:152 Resp: 182714

Ion Ratio Lower Upper

152 100

150 154.1 120.6 181.0

115 66.0 51.6 77.4

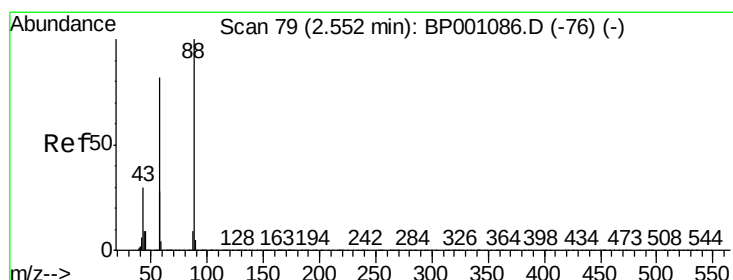
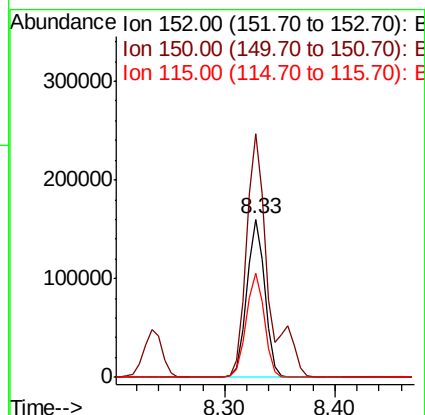
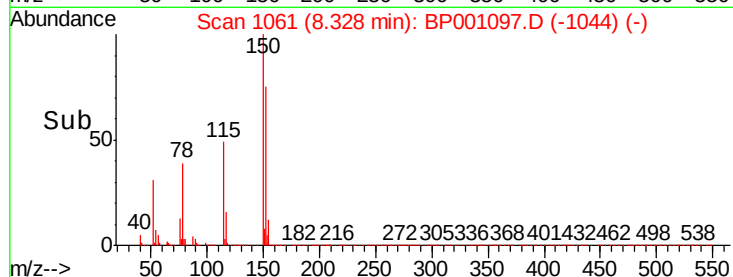


Abundance

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: 28.523 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.06 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

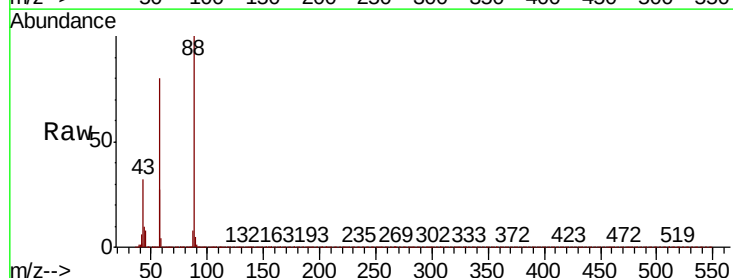
Tgt Ion: 88 Resp: 146725

Ion Ratio Lower Upper

88 100

58 80.4 64.3 96.5

43 29.9 23.8 35.6

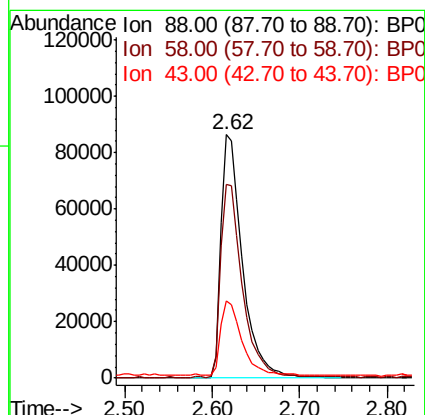
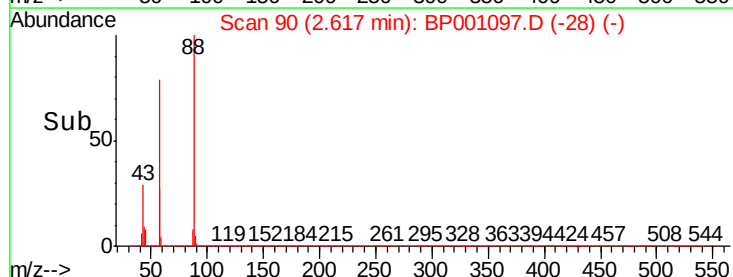


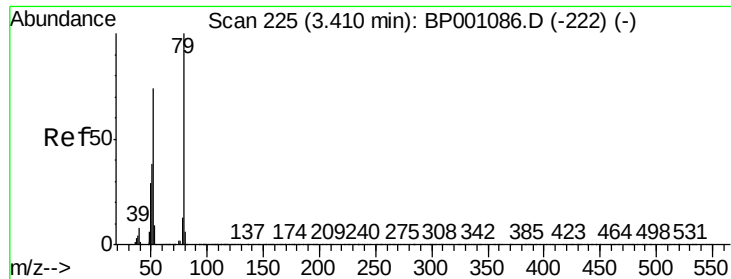
Abundance

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: 18.842 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.08 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

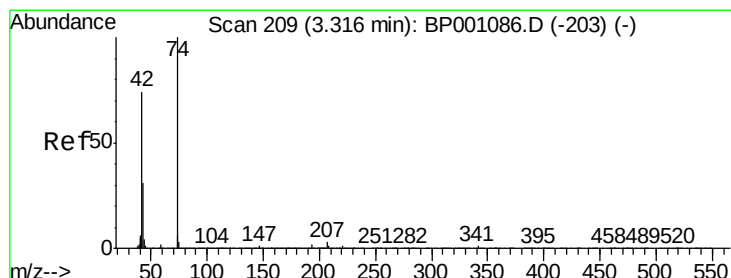
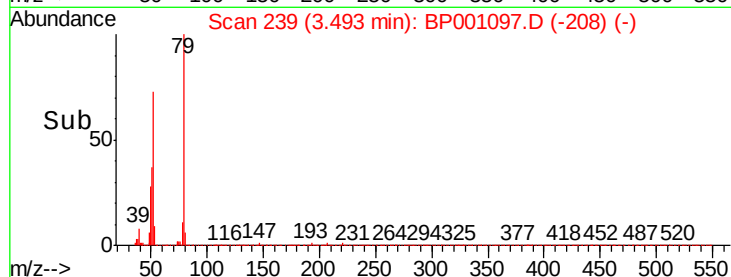
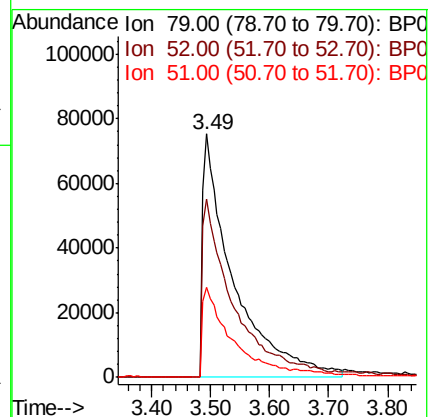
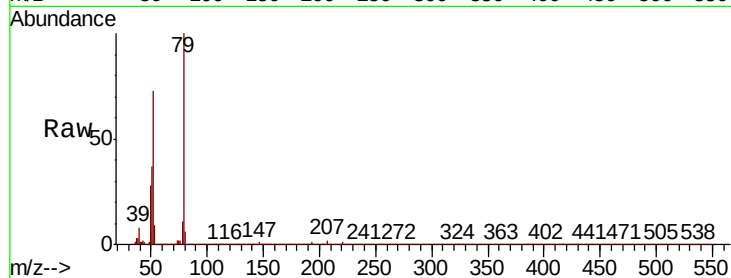
Tot Ion: 79 Resp: 268947

Ion Ratio Lower Upper

79 100

52 73.3 59.4 89.2

51 37.1 30.2 45.4



#4

n-Nitrosodimethylamine

Concen: 32.231 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.06 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

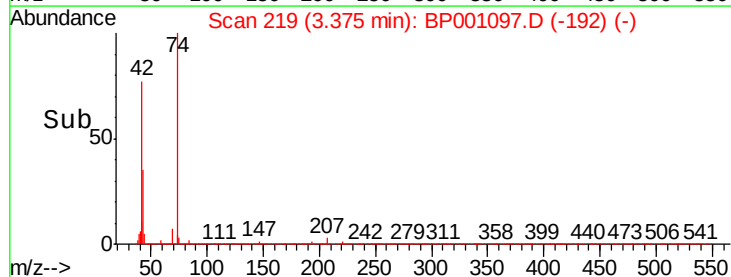
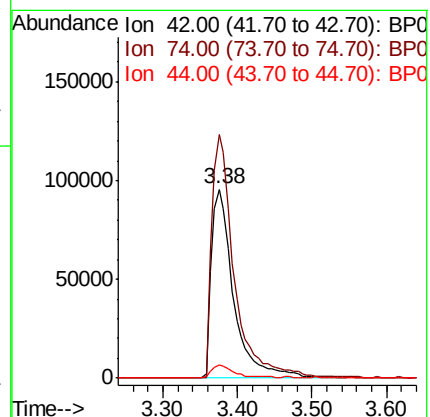
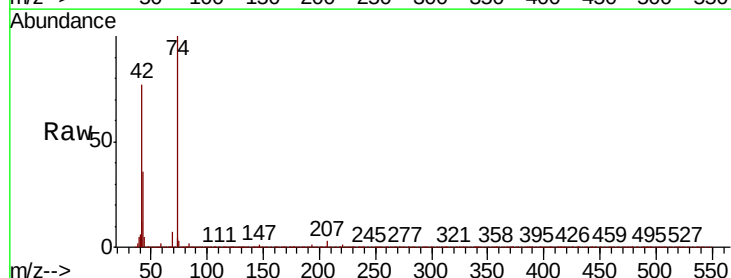
Tgt Ion: 42 Resp: 199085

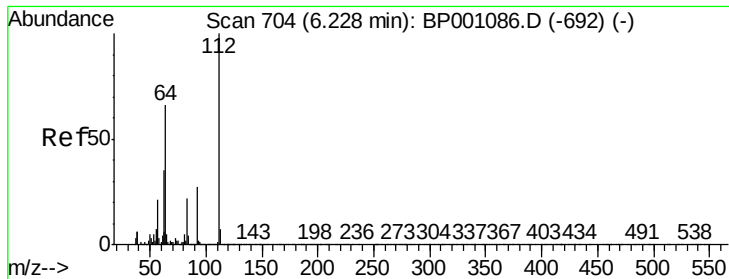
Ion Ratio Lower Upper

42 100

74 129.1 108.6 163.0

44 6.7 5.1 7.7





#5

2-Fluorophenol

Concen: 100.425 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

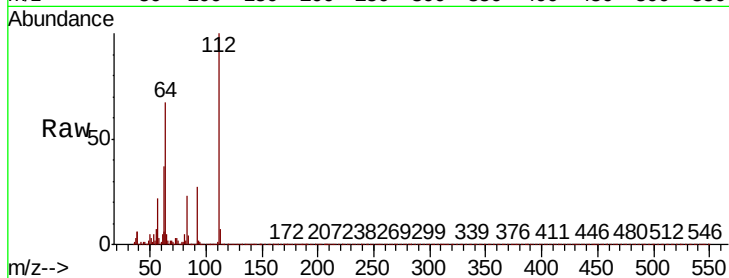
Tot Ion:112 Resp: 1105977

Ion Ratio Lower Upper

112 100

64 67.4 52.8 79.2

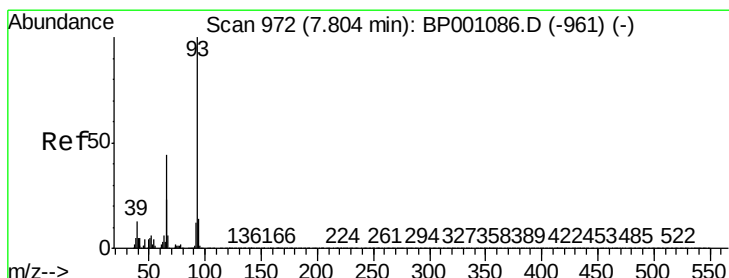
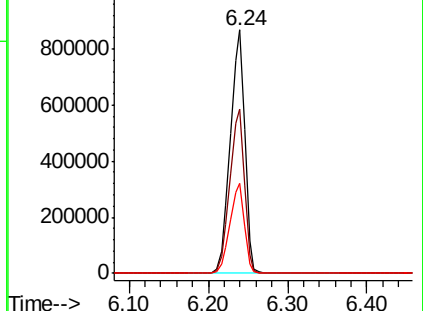
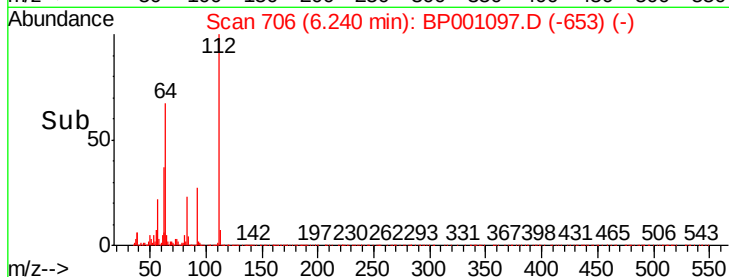
63 36.8 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 6.517 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

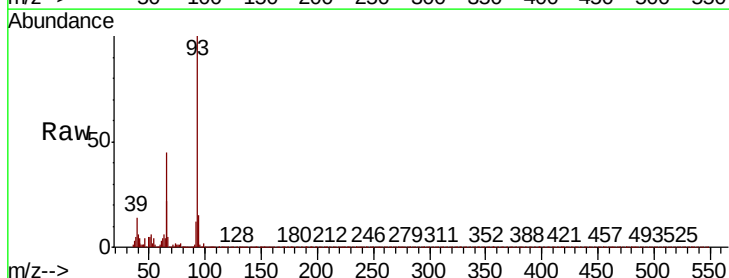
Tgt Ion: 93 Resp: 126780

Ion Ratio Lower Upper

93 100

66 44.6 34.9 52.3

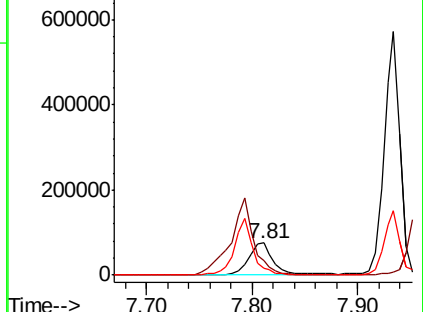
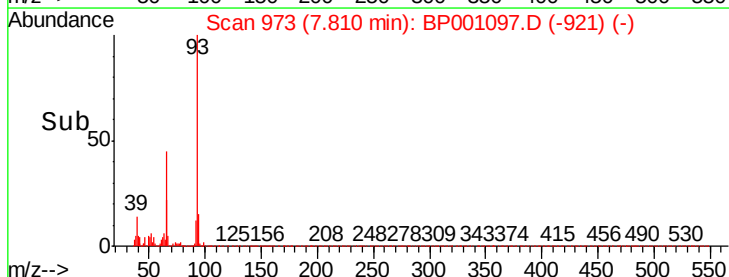
65 22.5 18.5 27.7

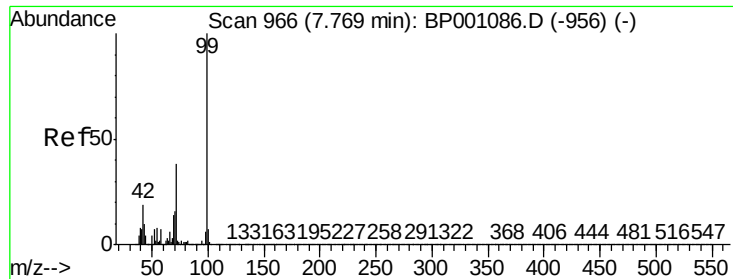


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 72.143 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

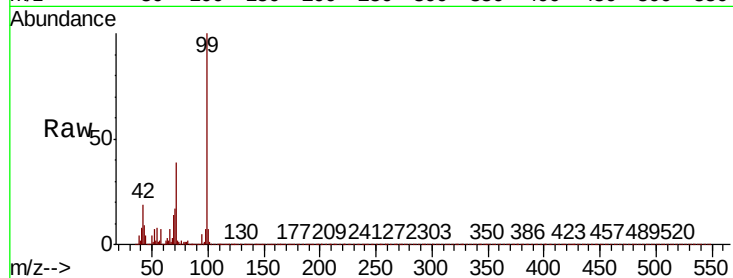
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1058487

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.0
71	38.7	30.8	46.2

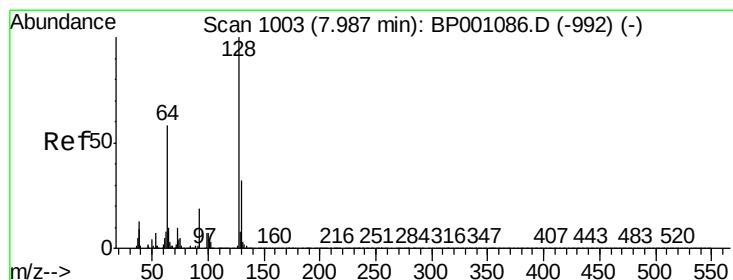
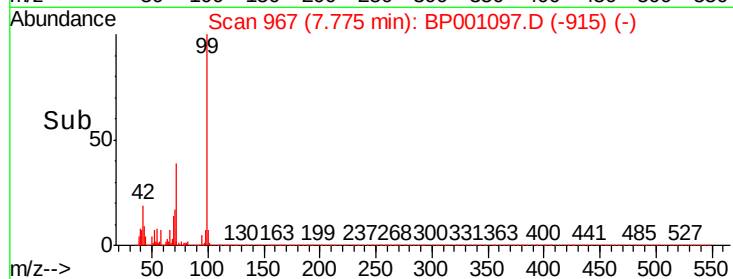
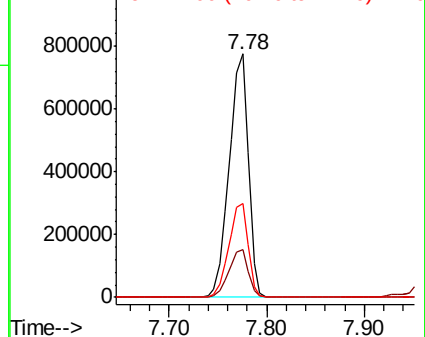


Abundance

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: 46.525 ng

RT: 7.99 min Scan# 1004

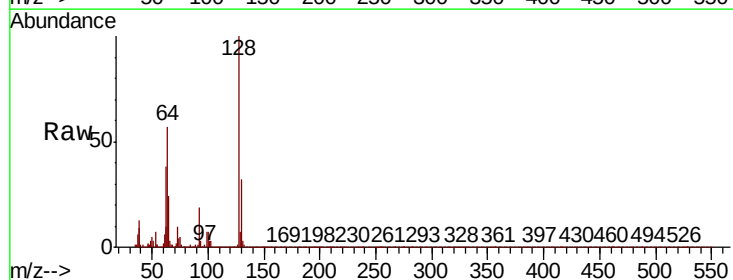
Delta R.T. 0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Tgt Ion: 128 Resp: 530126

Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.7	51.7
64	57.2	39.7	79.7

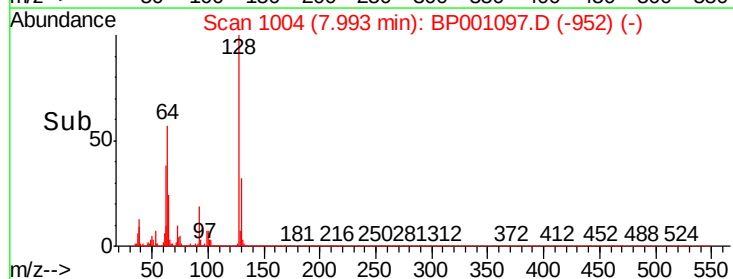
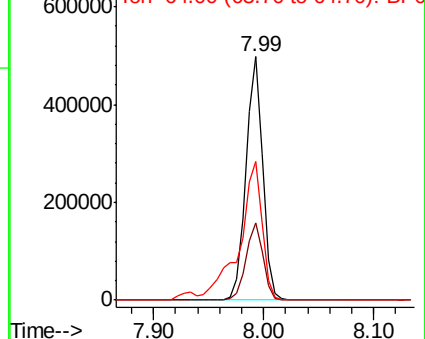


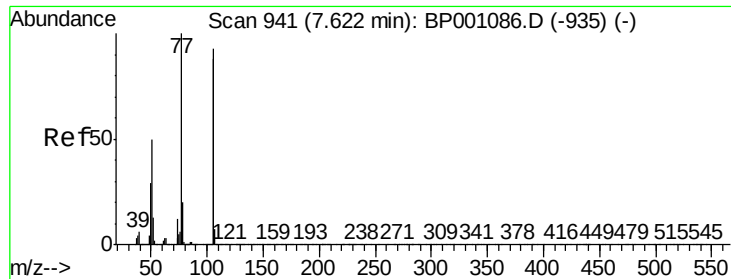
Abundance

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: Below Cal

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

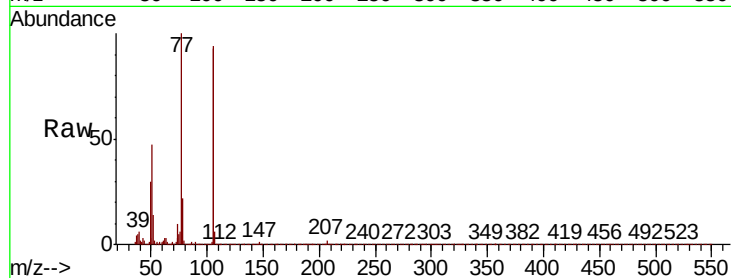
Tot Ion: 77 Resp: 19424

Ion Ratio Lower Upper

77 100

105 92.9 72.5 112.5

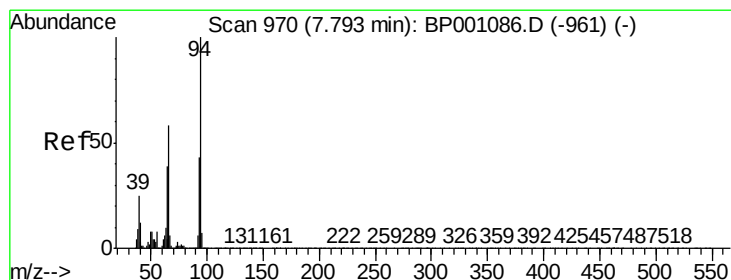
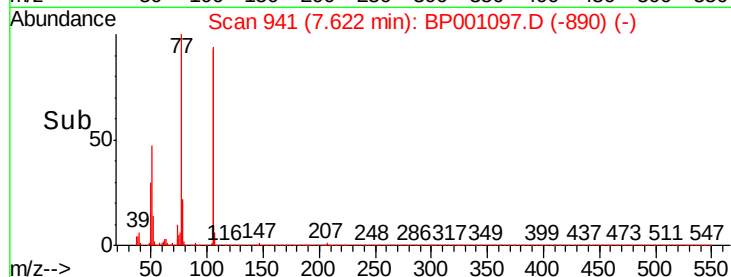
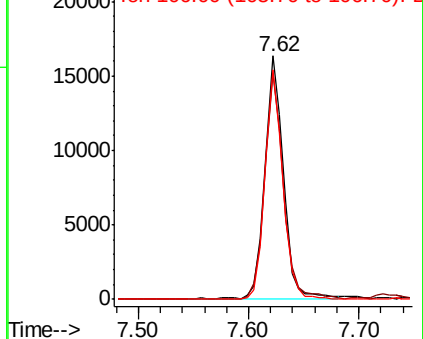
106 94.1 67.6 107.6



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: 24.918 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

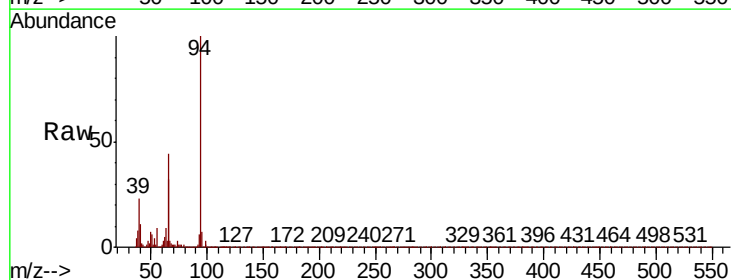
Tgt Ion: 94 Resp: 415854

Ion Ratio Lower Upper

94 100

65 31.9 18.6 58.6

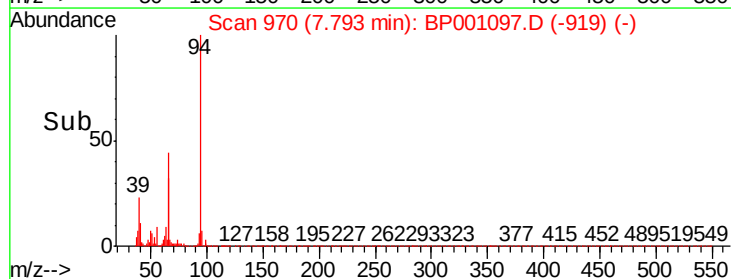
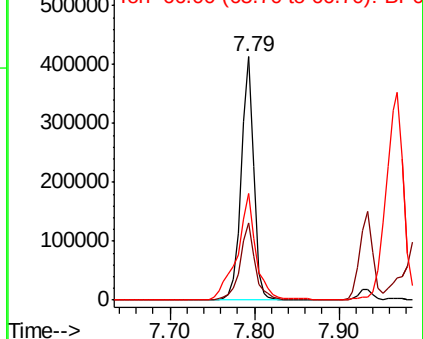
66 43.8 37.6 77.6

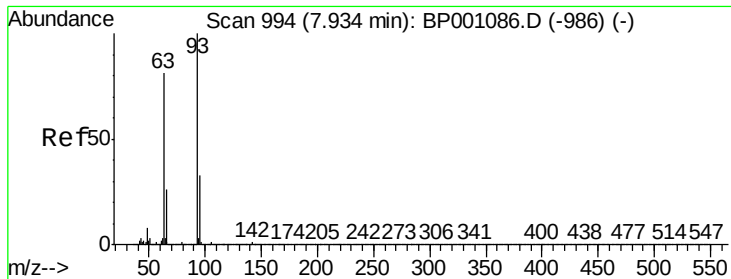


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

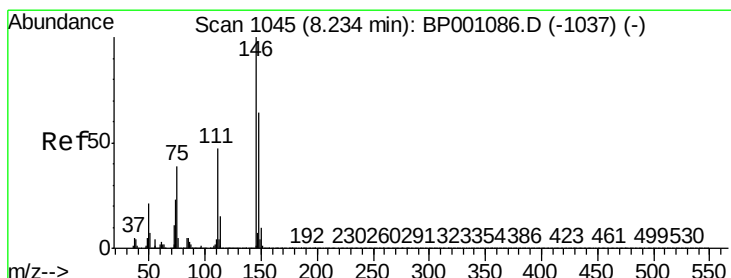
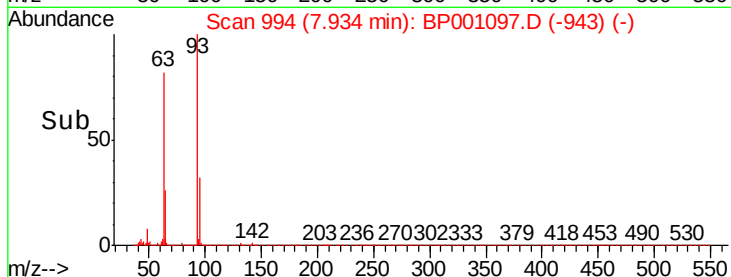
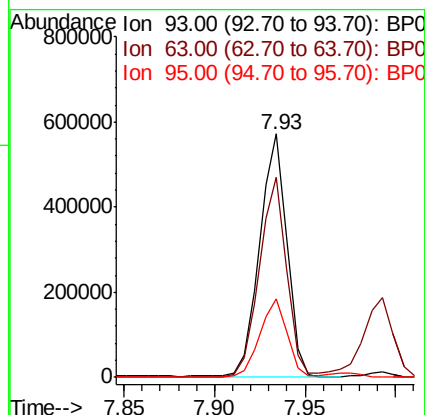
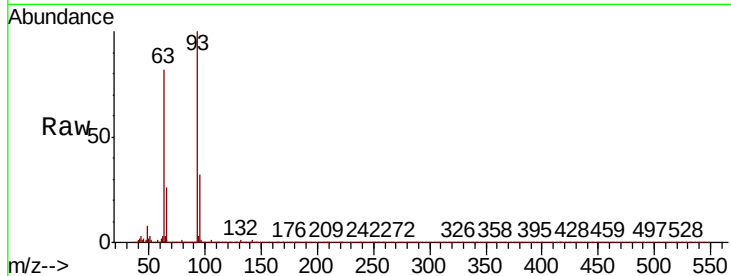




#11
bis(2-Chloroethyl)ether
Concen: 45.817 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

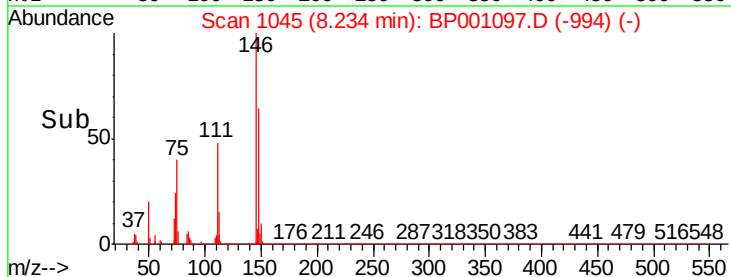
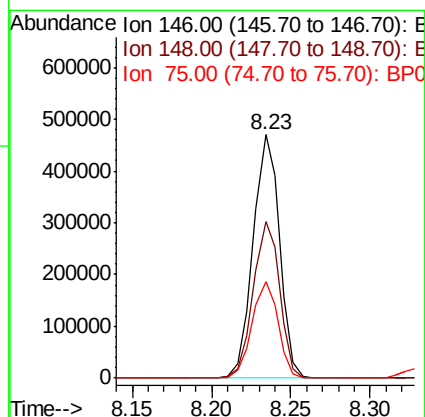
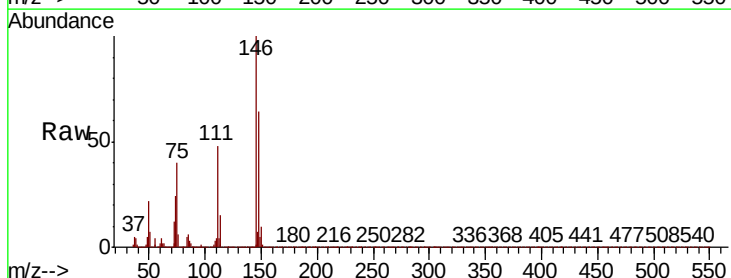
Instrument :
BNA_P
ClientSampleId :

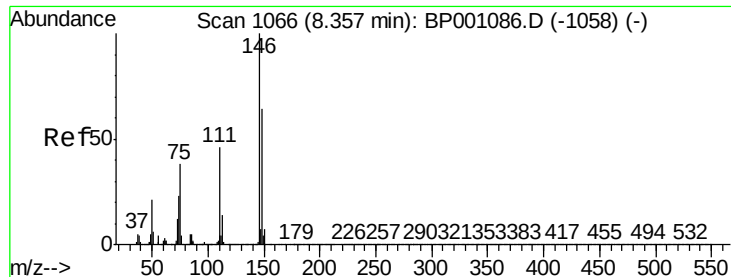
Tot Ion	93	Resp	595422
Ion Ratio	Lower	Upper	
93	100		
63	82.1	60.7	100.7
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.250 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	146	Resp	543590
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
75	39.7	31.3	46.9

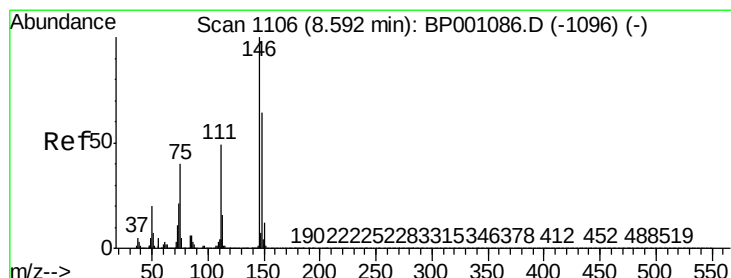
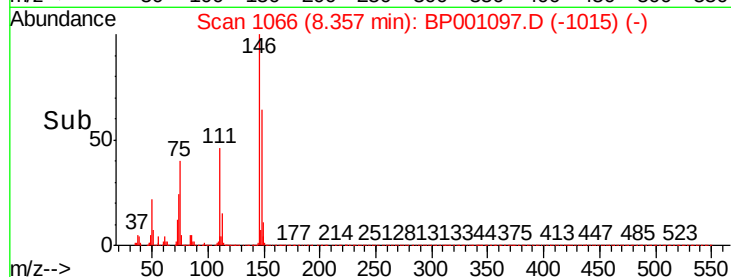
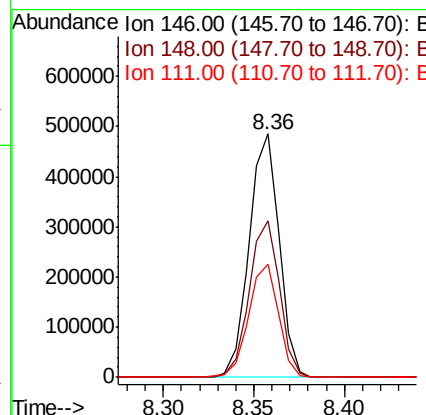
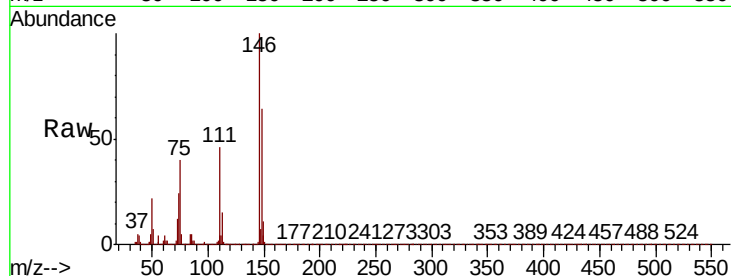




#13
 1,4-Dichlorobenzene
 Concen: 40.891 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

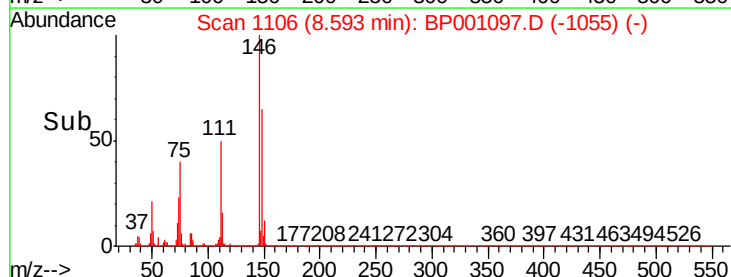
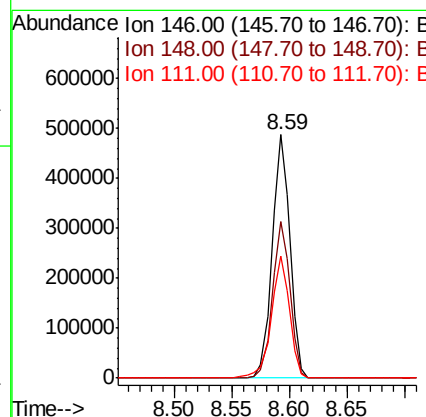
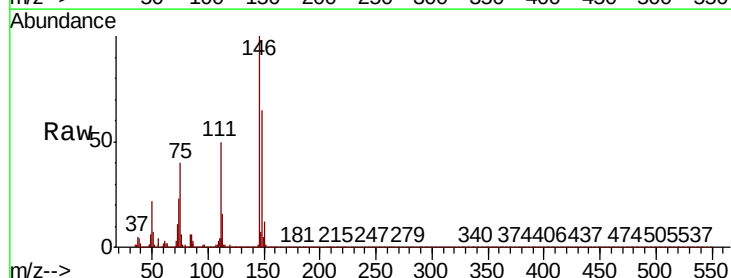
Instrument :
 BNA_P
 ClientSampleId :

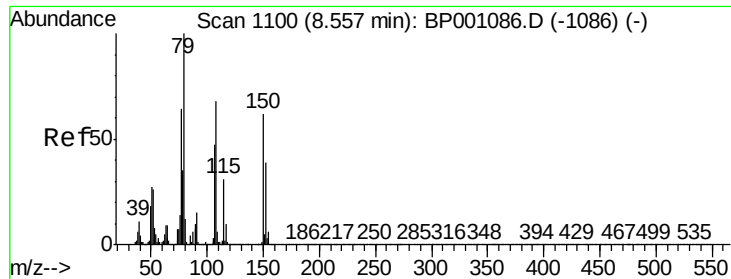
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	46.3	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 41.000 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	50.0	39.3	58.9

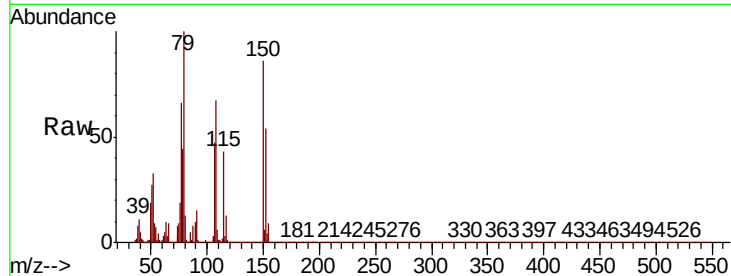




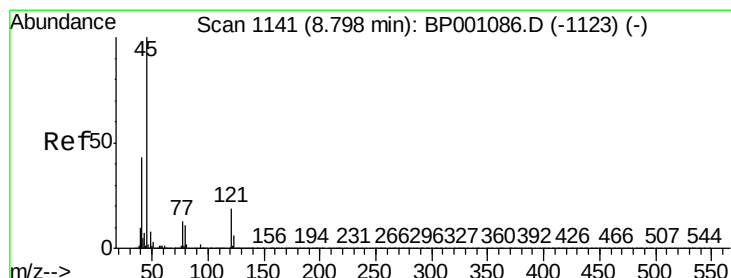
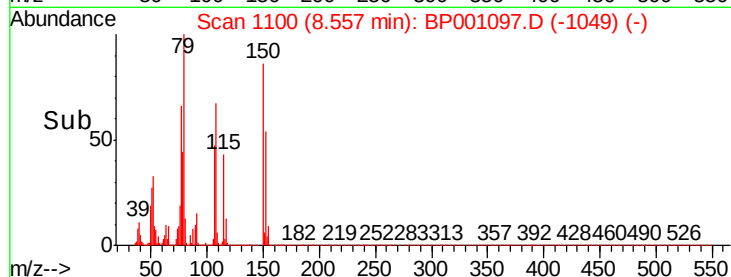
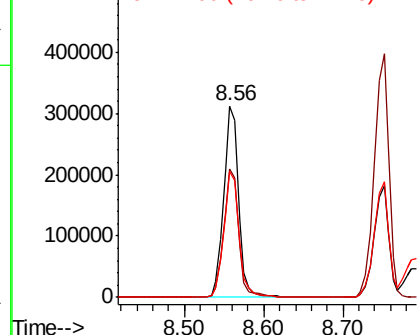
#15
Benzyl Alcohol
Concen: 33.861 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.0	54.8	82.2
77	65.6	51.4	77.2

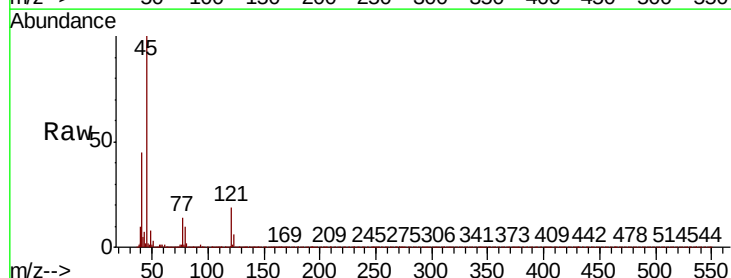


Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0

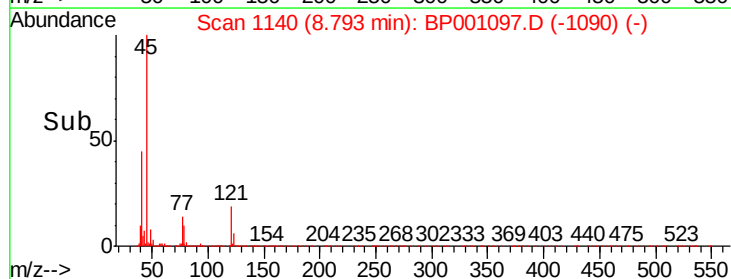
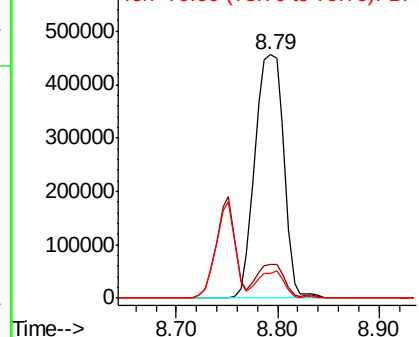


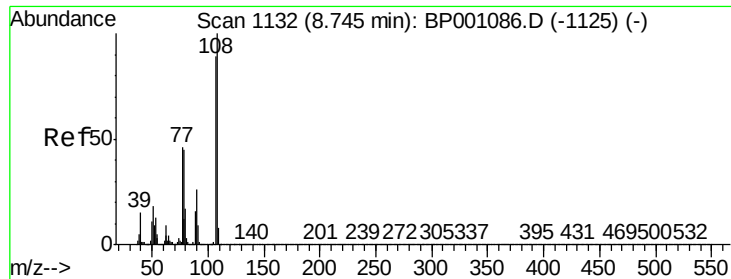
#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.147 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.3
79	10.4	0.0	30.9



Abundance Ion 45.00 (44.70 to 45.70): BP0
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

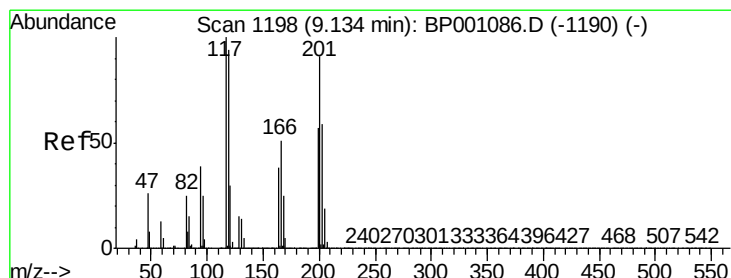
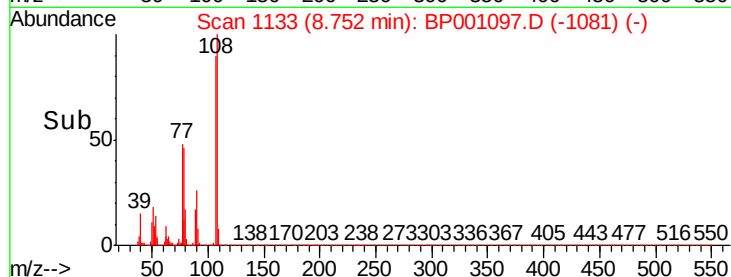
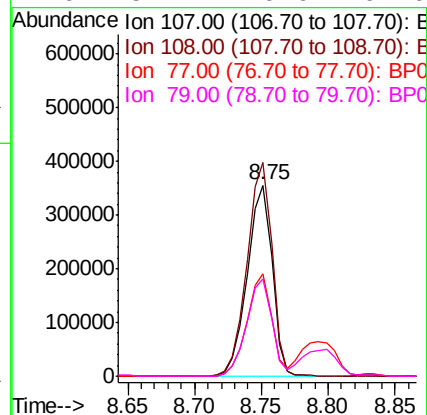
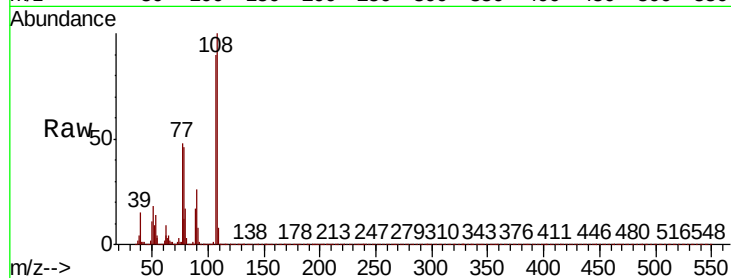




#17
2-Methylphenol
Concen: 43.548 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

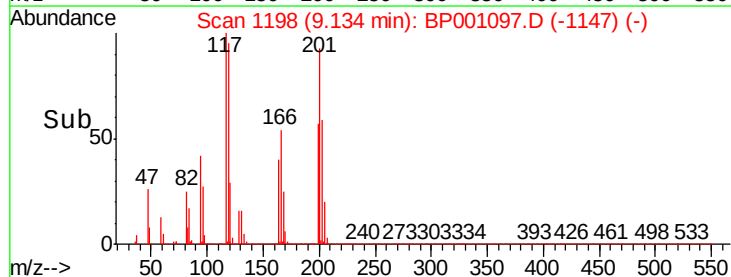
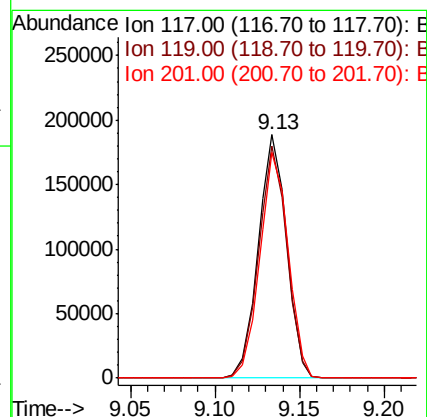
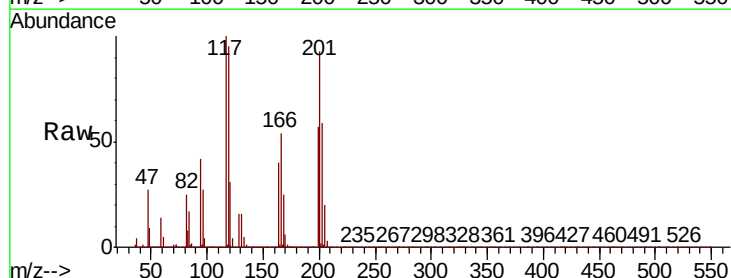
Instrument :
BNA_P
ClientSampleId :

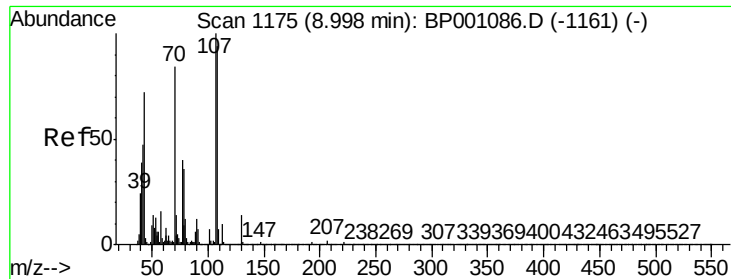
Tot Ion:	107	Resp:	455167
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.6
77	53.3	41.4	62.2
79	51.1	40.6	61.0



#18
Hexachloroethane
Concen: 39.193 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:	117	Resp:	220578
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.2	112.8
201	92.6	72.5	108.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.534 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

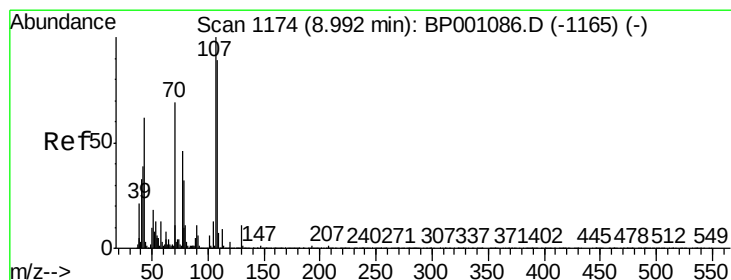
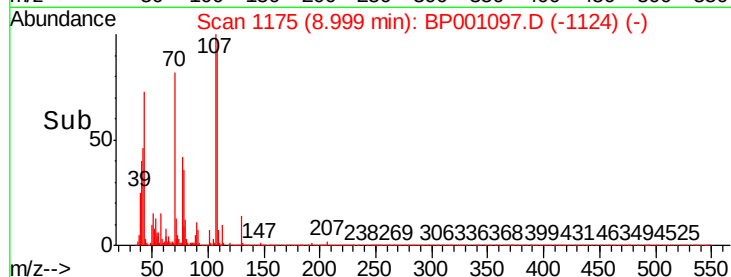
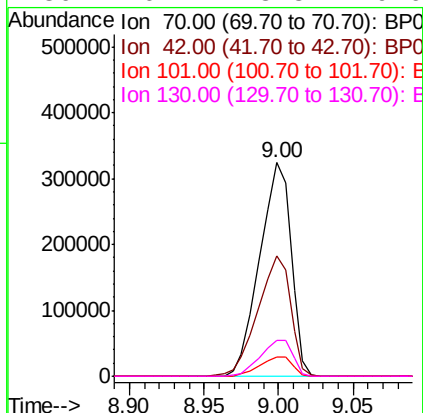
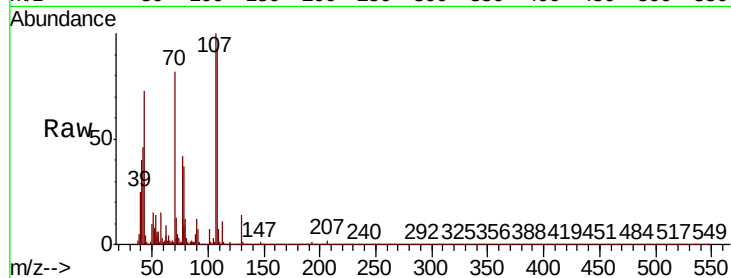
Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :
BNA_P
ClientSampled :

Tot Ion: 70 Resp: 471486

Ion	Ratio	Lower	Upper
70	100		
42	56.5	44.6	66.8
101	9.0	7.1	10.7
130	16.7	13.8	20.6



#20

3+4-Methylphenols

Concen: 39.649 ng

RT: 9.00 min Scan# 1175

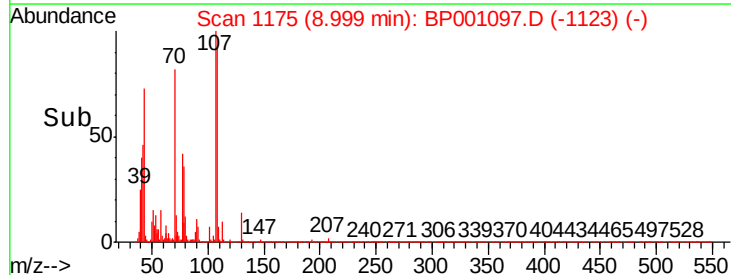
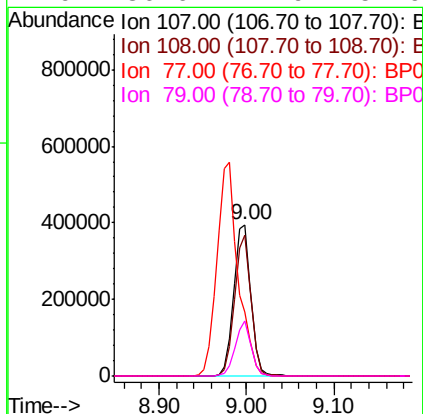
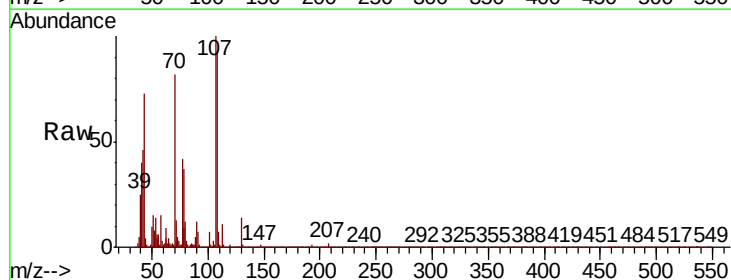
Delta R.T. 0.01 min

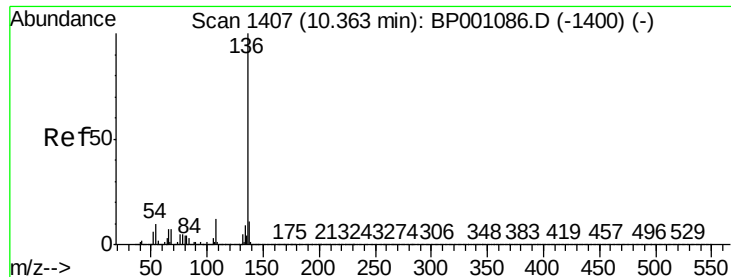
Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Tgt Ion: 107 Resp: 522390

Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.9	108.9
77	42.1	25.9	65.9
79	36.6	11.9	51.9

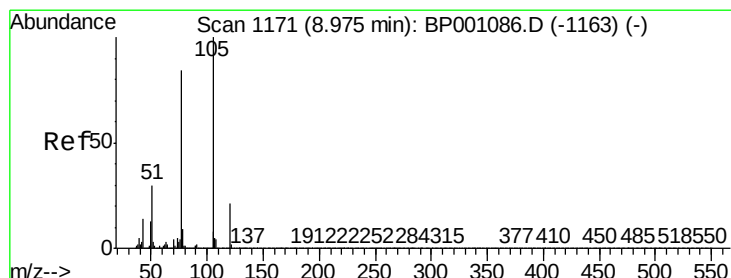
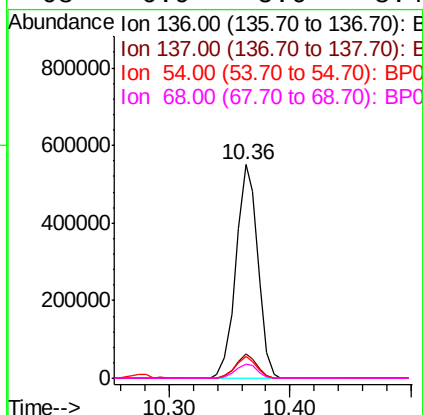
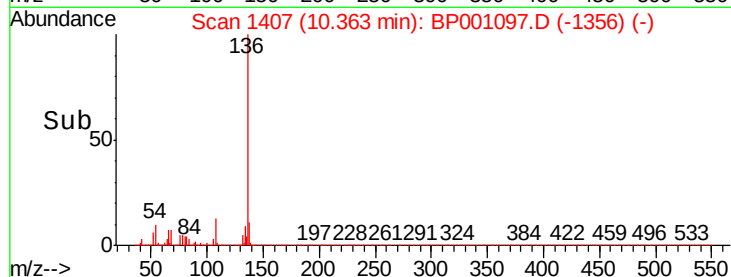
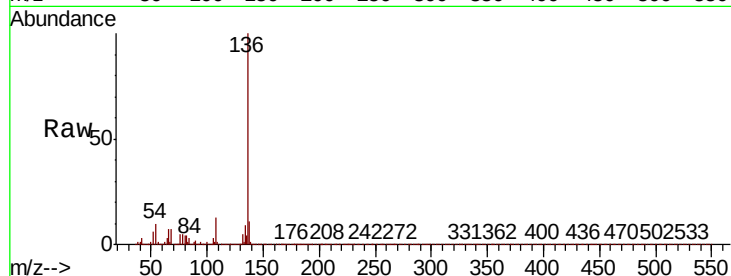




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

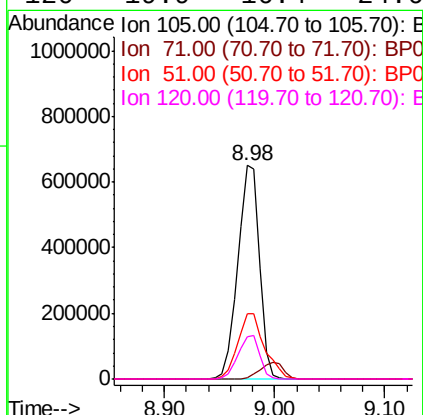
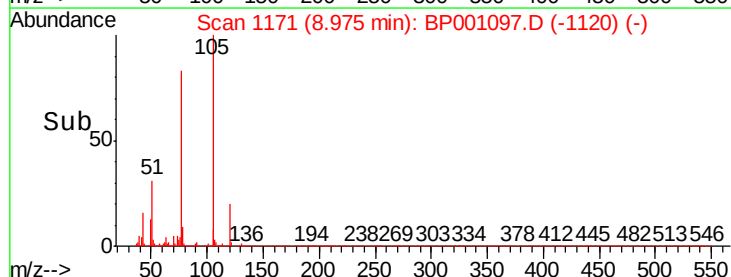
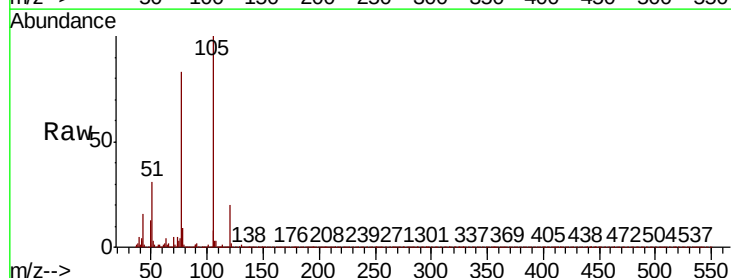
Instrument :
BNA_P
ClientSampleId :

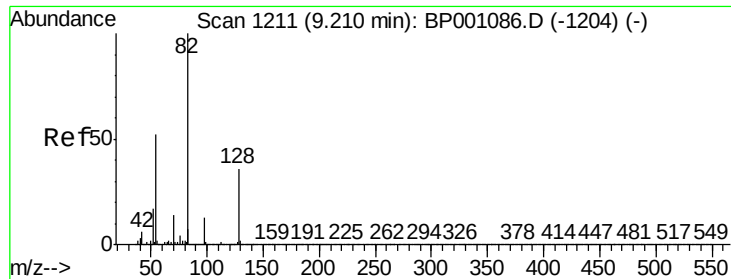
Tot Ion:136	Resp:	694952	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 10.2	7.9	11.9	
68 6.9	5.6	8.4	



#22
Acetophenone
Concen: 43.858 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt	Ion:105	Resp:	895815
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.5	0.7#
51	30.6	24.2	36.4
120	19.9	16.4	24.6

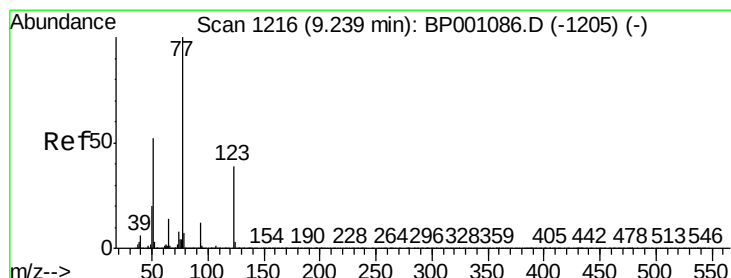
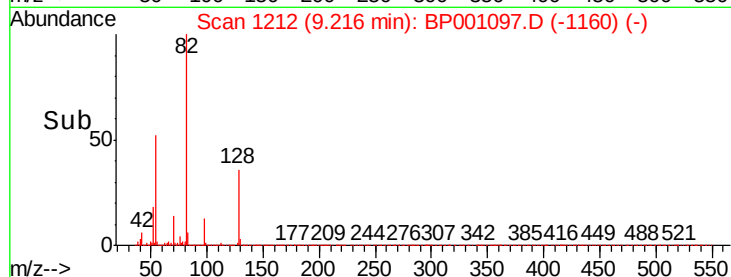
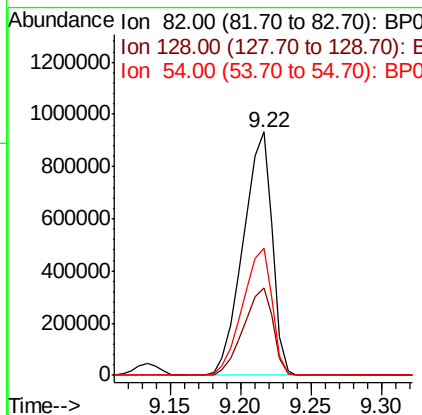
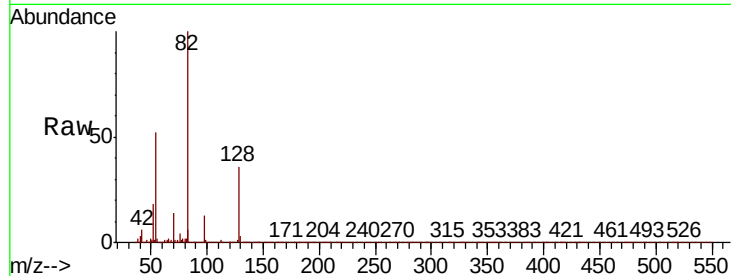




#23
 Nitrobenzene-d5
 Concen: 84.005 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

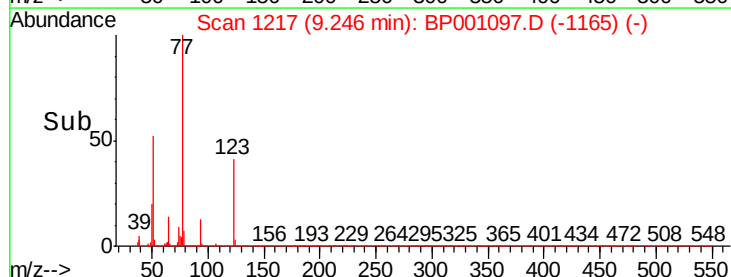
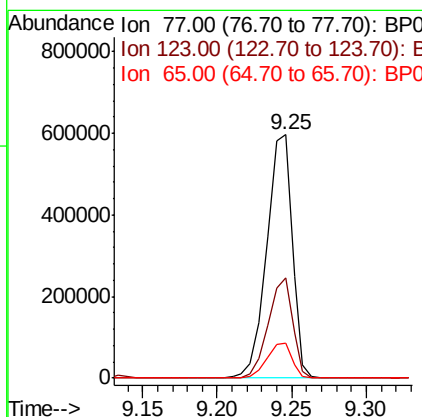
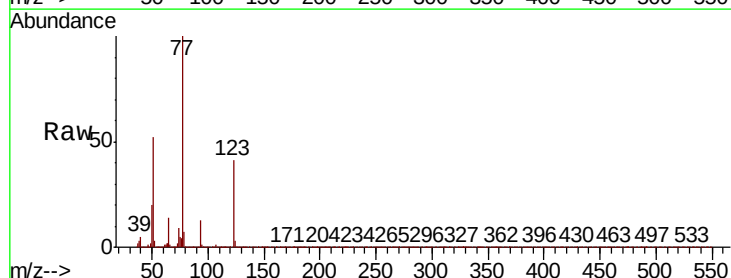
Instrument :
 BNA_P
 ClientSampleId :

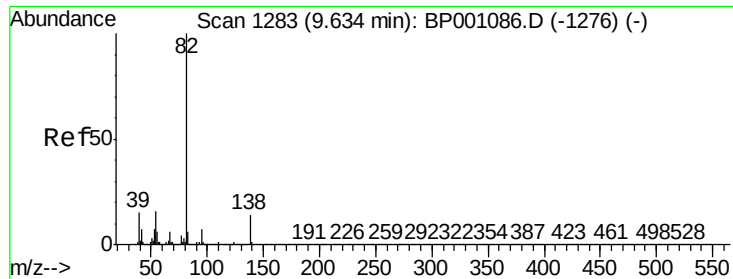
Tot Ion: 82 Resp: 1345590
 Ion Ratio Lower Upper
 82 100
 128 35.7 28.9 43.3
 54 52.3 41.9 62.9



#24
 Nitrobenzene
 Concen: 44.191 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

Tgt Ion: 77 Resp: 703868
 Ion Ratio Lower Upper
 77 100
 123 41.0 31.0 46.4
 65 14.2 11.0 16.6

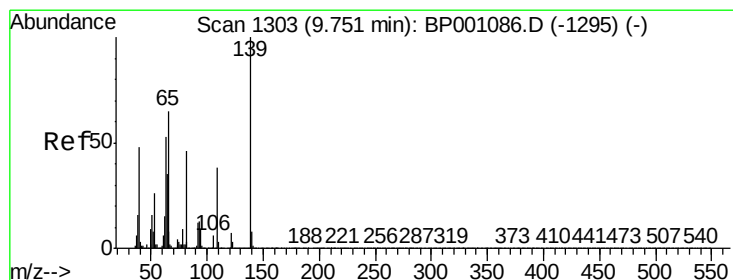
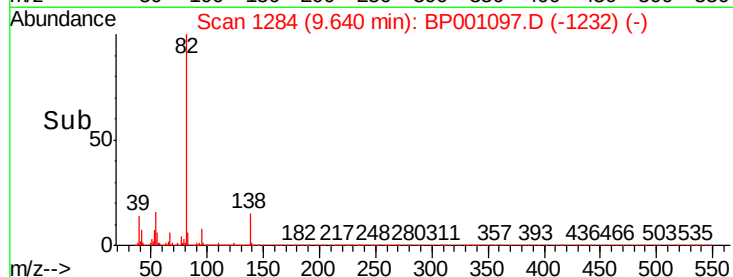
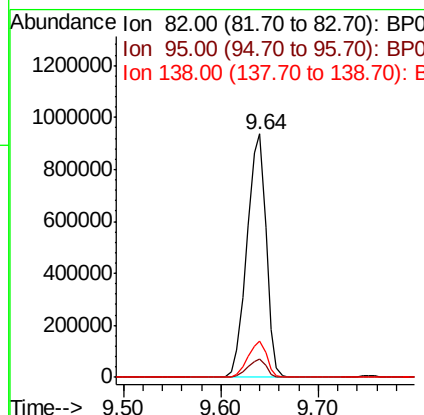
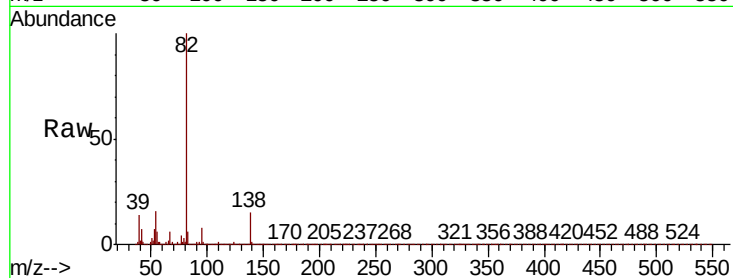




#25
Isophorone
Concen: 44.616 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

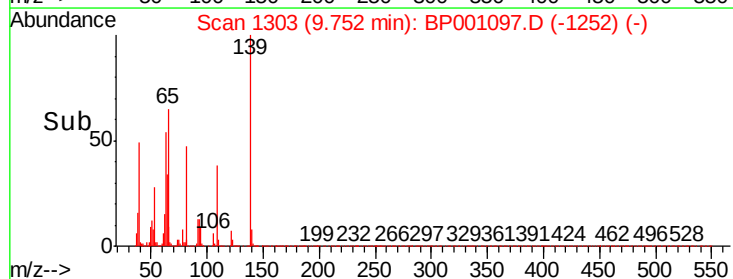
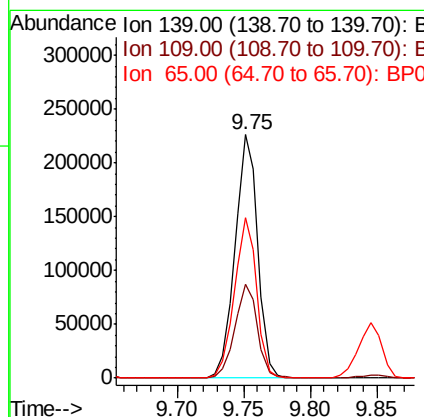
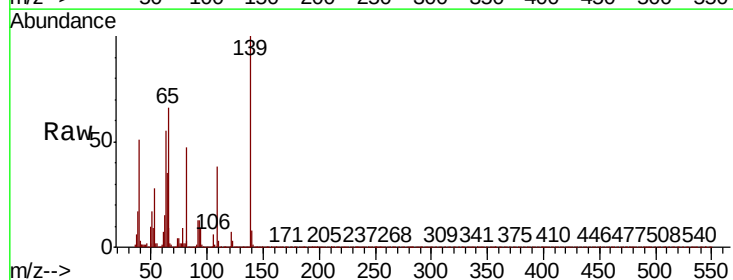
Instrument :
BNA_P
ClientSampleId :

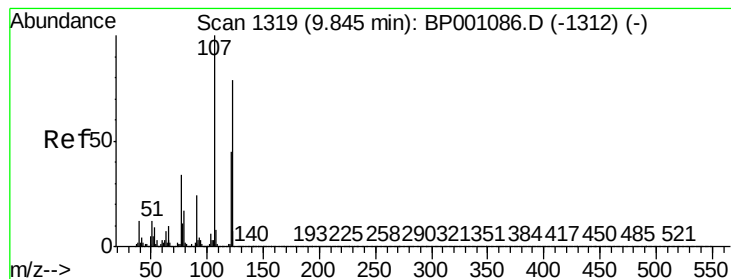
Tot Ion: 82 Resp: 1281521
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 14.9 11.3 16.9



#26
2-Nitrophenol
Concen: 46.182 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion: 139 Resp: 269433
Ion Ratio Lower Upper
139 100
109 38.3 30.6 45.8
65 66.0 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 52.490 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

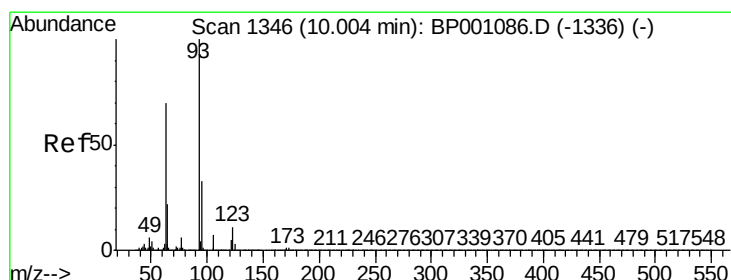
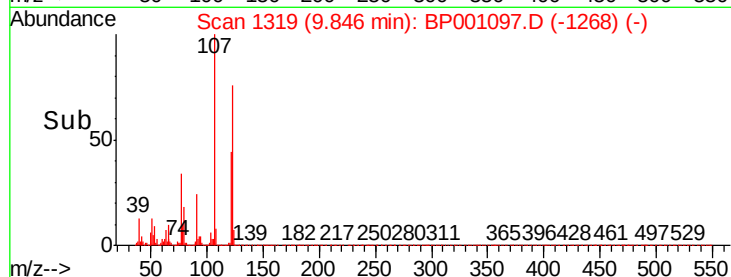
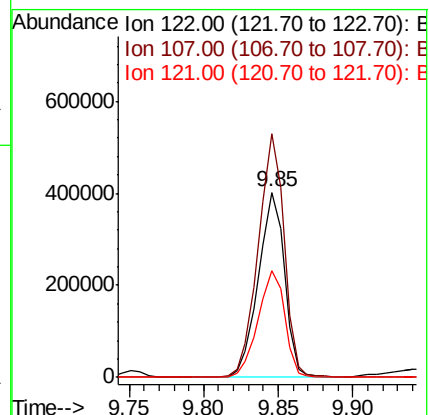
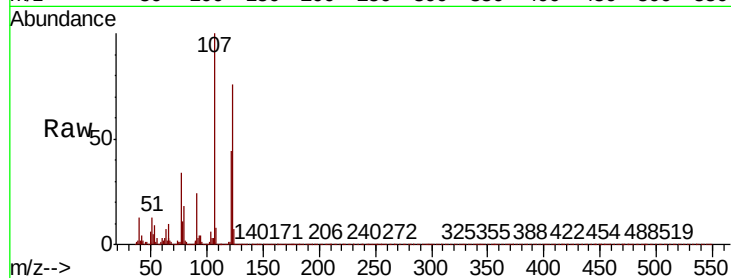
Tot Ion:122 Resp: 485076

Ion Ratio Lower Upper

122 100

107 131.3 101.9 152.9

121 57.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.156 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

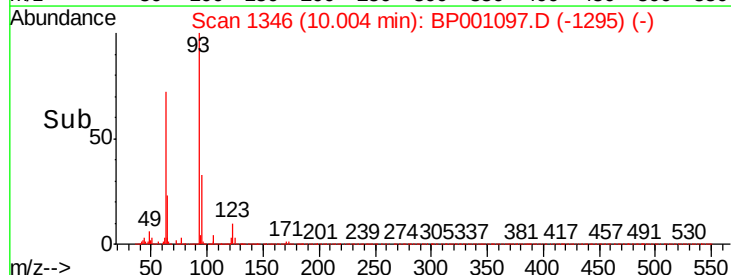
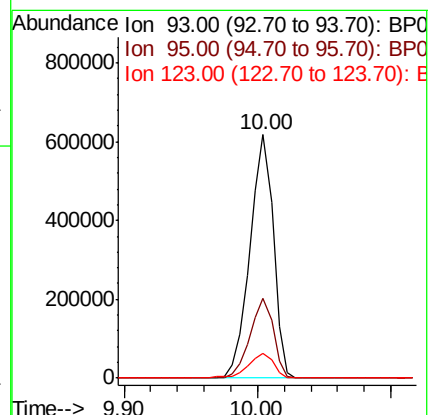
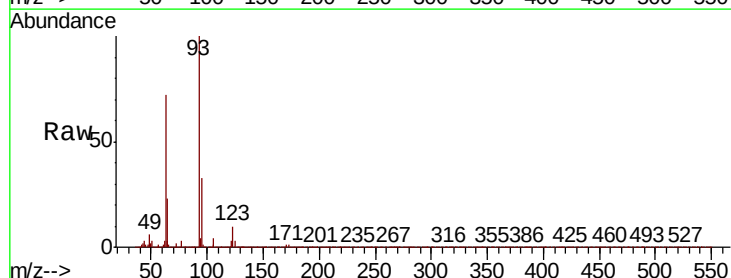
Tgt Ion: 93 Resp: 741701

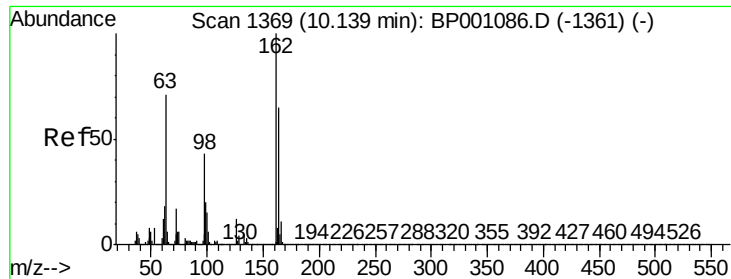
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 10.3 8.9 13.3

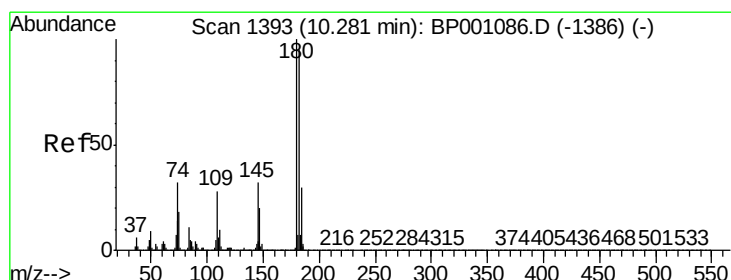
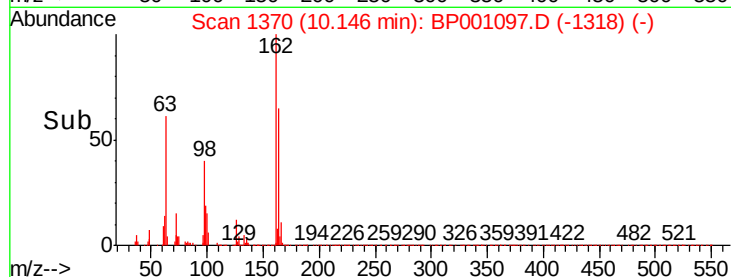
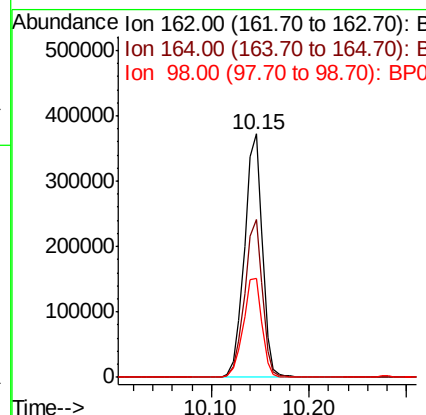
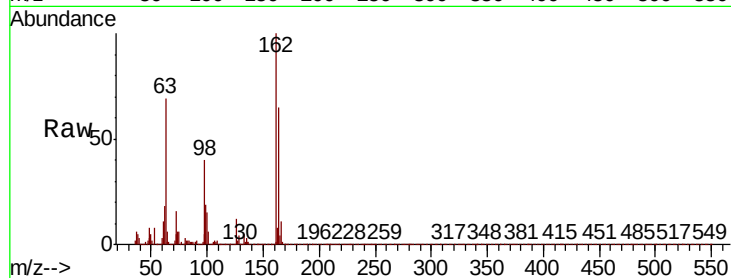




#29
2,4-Dichlorophenol
Concen: 45.080 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

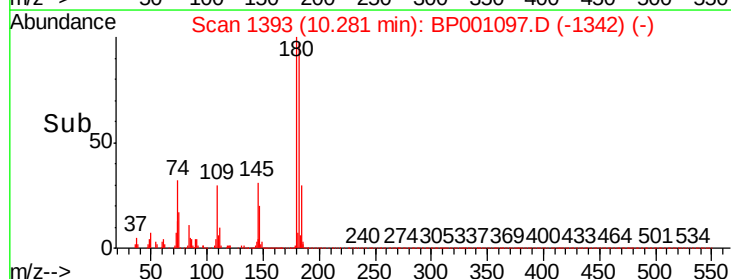
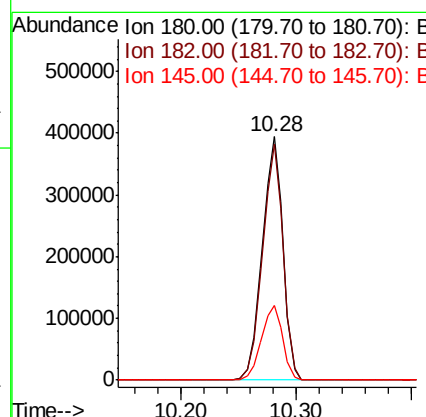
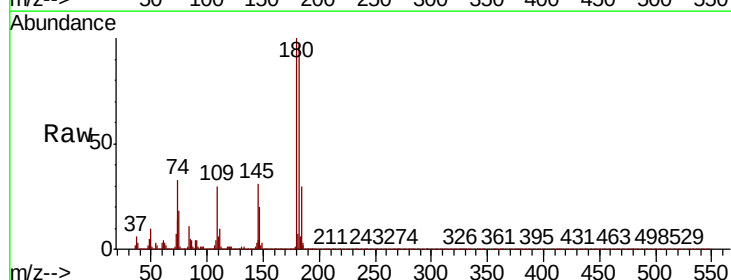
Instrument :
BNA_P
ClientSampleId :

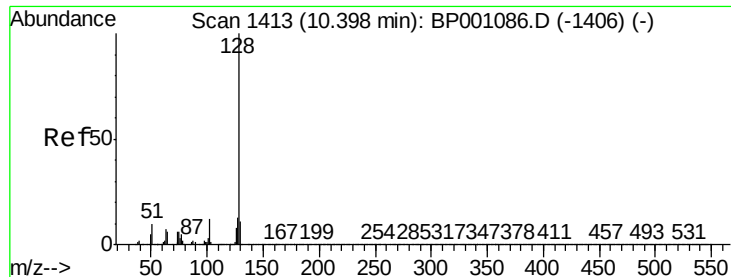
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.1	85.1
98	40.4	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 40.013 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.3	114.5
145	30.9	25.4	38.2

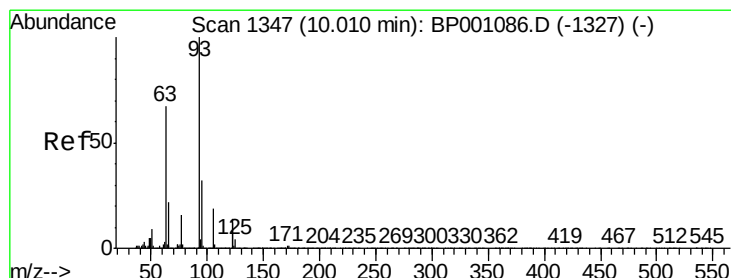
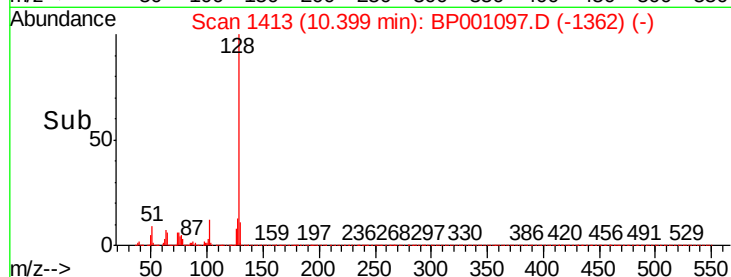
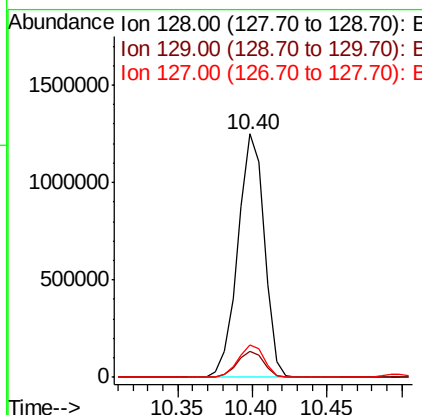
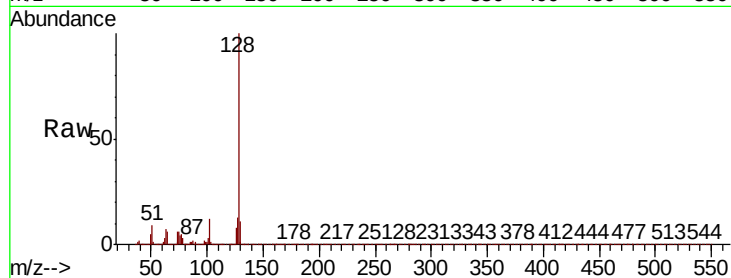




#31
Naphthalene
Concen: 43.304 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

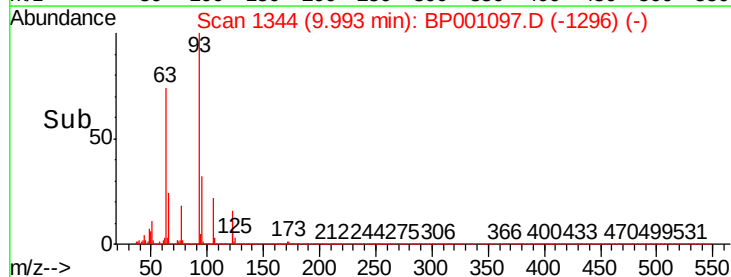
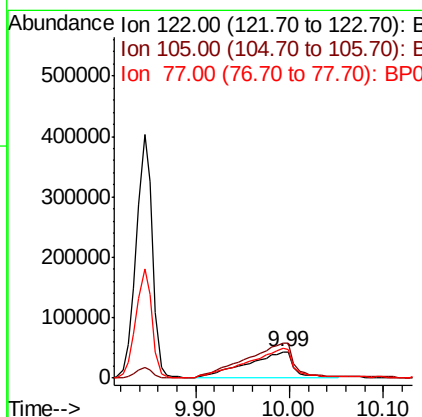
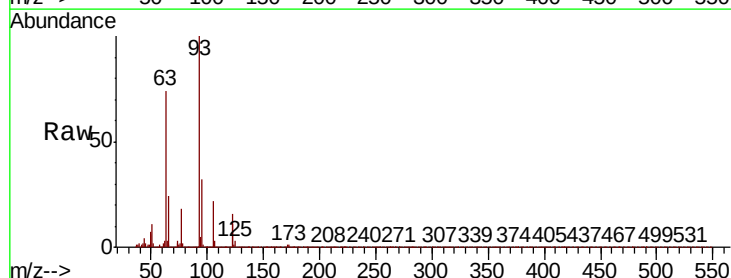
Instrument :
BNA_P
ClientSampleId :

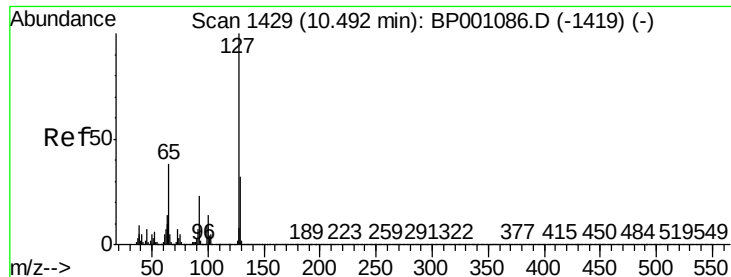
Tot Ion:128 Resp: 1537000
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 21.743 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:122 Resp: 145267
Ion Ratio Lower Upper
122 100
105 136.5 116.8 156.8
77 112.4 95.0 135.0

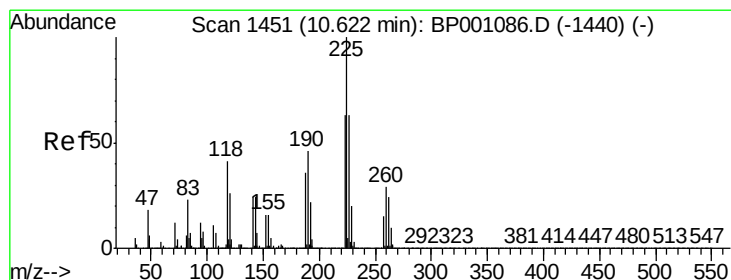
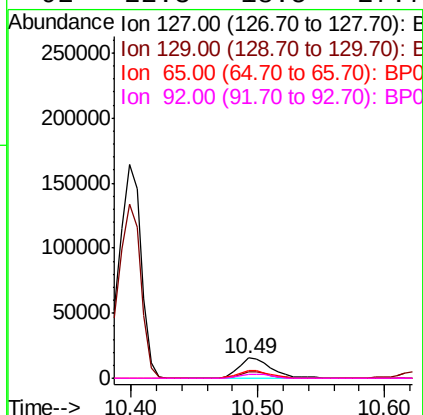
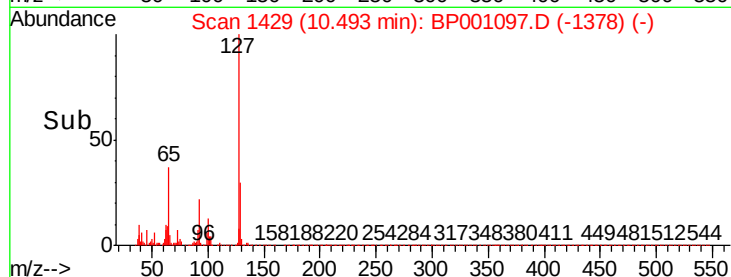
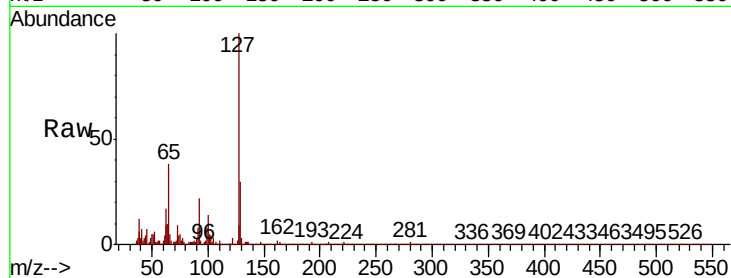




#33
4-Chloroaniline
Concen: 1.813 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

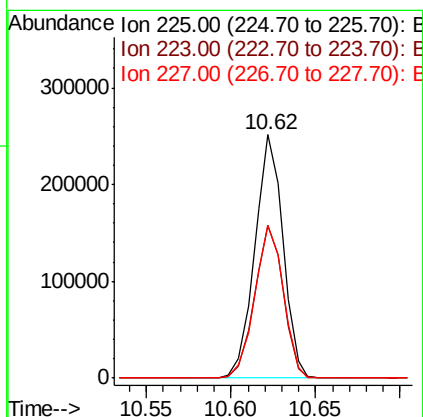
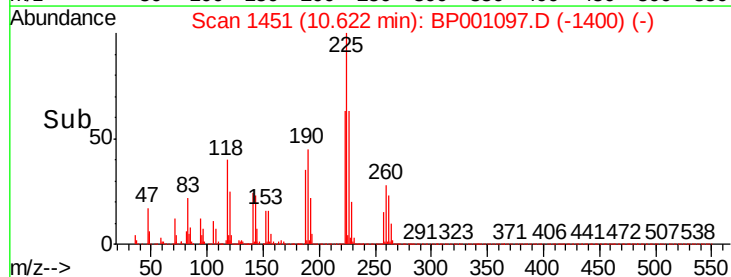
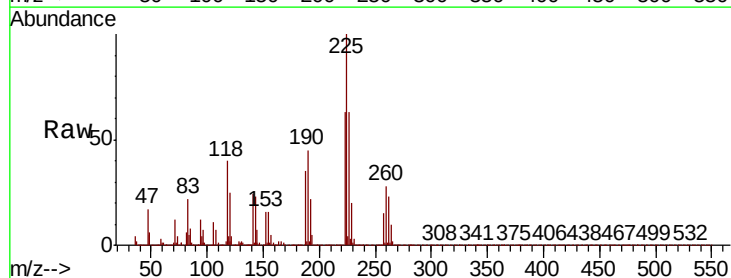
Instrument :
BNA_P
ClientSampleId :

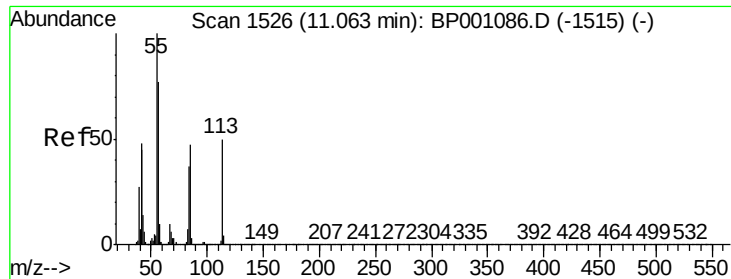
Tot Ion:	127	Resp:	27929
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.5	38.3
65	37.5	30.6	46.0
92	22.3	18.5	27.7



#34
Hexachlorobutadiene
Concen: 37.754 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:	225	Resp:	291766
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	62.7	50.0	75.0

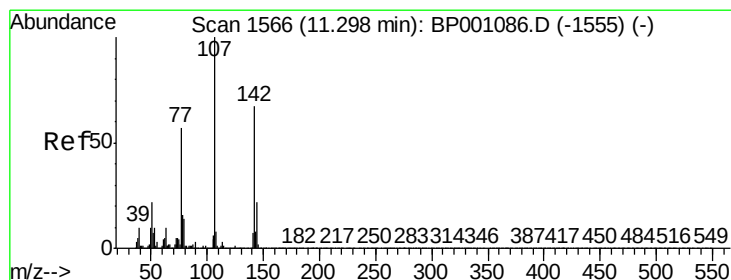
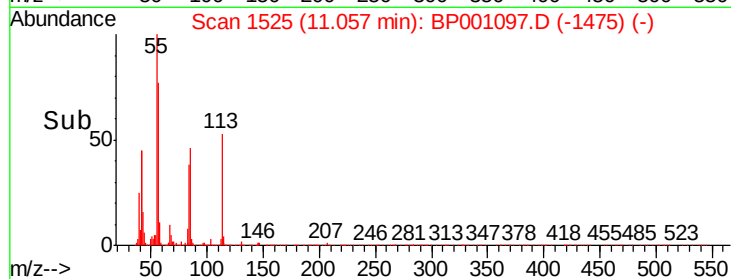
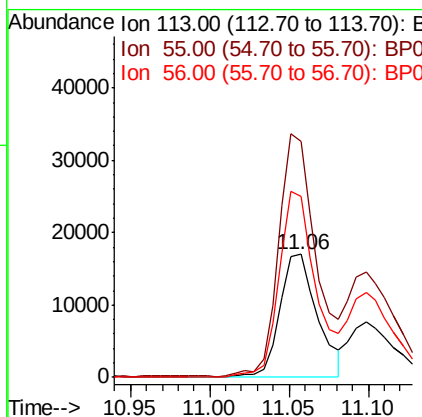
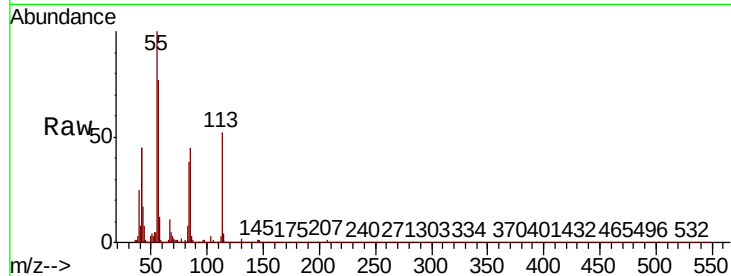




#35
Caprolactam
Concen: 7.706 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

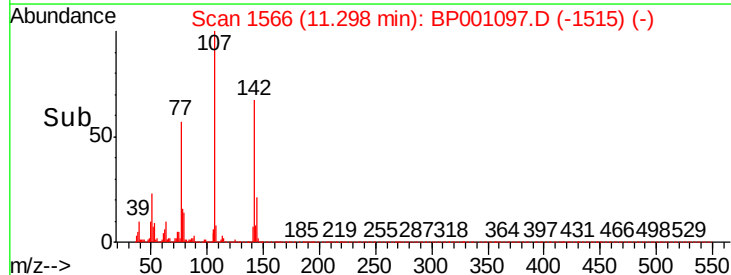
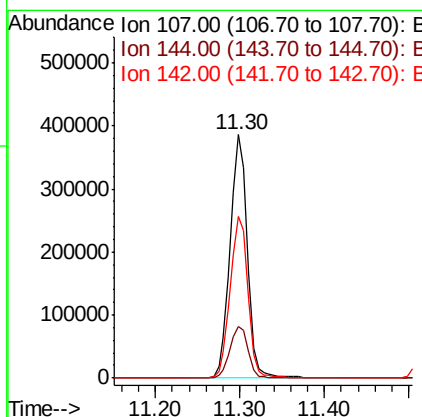
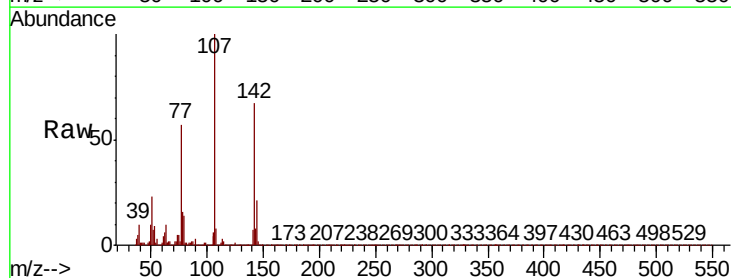
Instrument :
BNA_P
ClientSampleId :

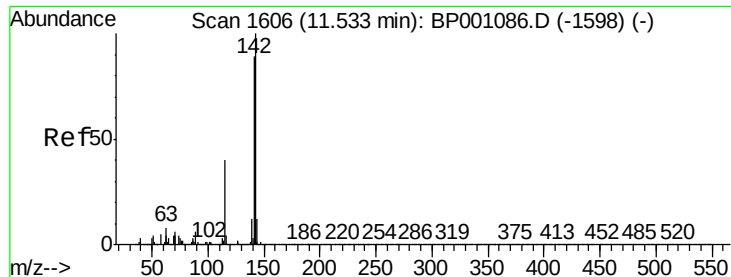
Tot Ion:	113	Resp:	27936
Ion	Ratio	Lower	Upper
113	100		
55	191.9	181.2	221.2
56	147.3	134.7	174.7



#36
4-Chloro-3-methylphenol
Concen: 43.146 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:	107	Resp:	538054
Ion	Ratio	Lower	Upper
107	100		
144	21.4	17.5	26.3
142	66.6	53.3	79.9

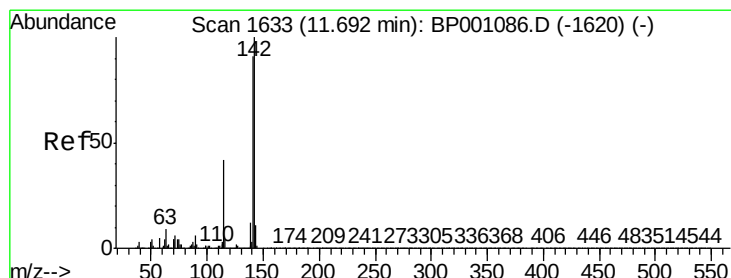
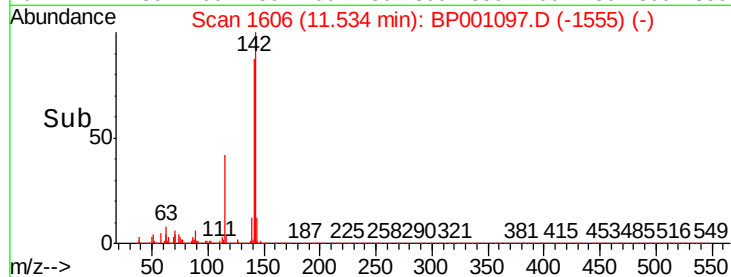
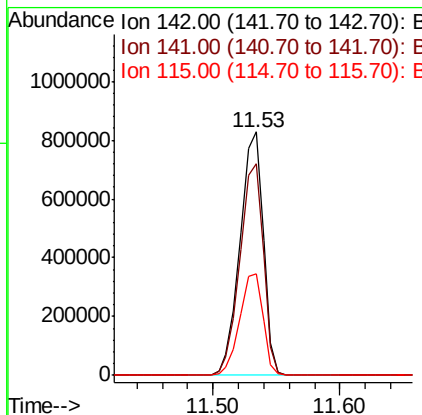
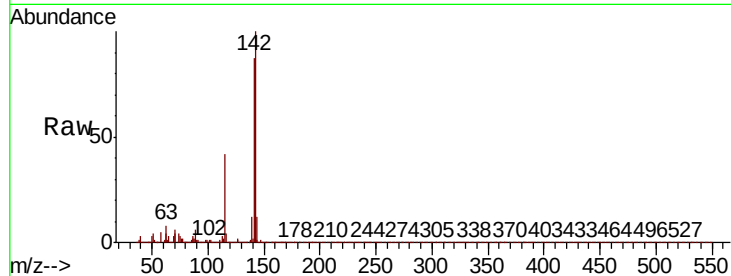




#37
2-Methylnaphthalene
Concen: 43.312 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

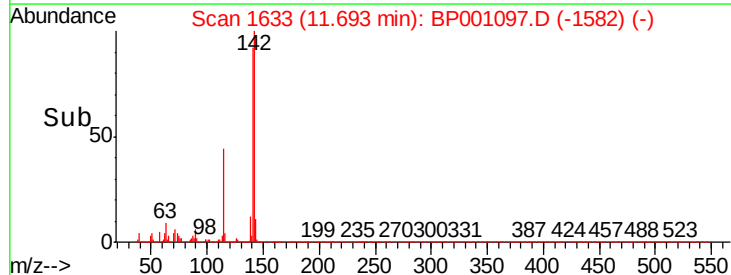
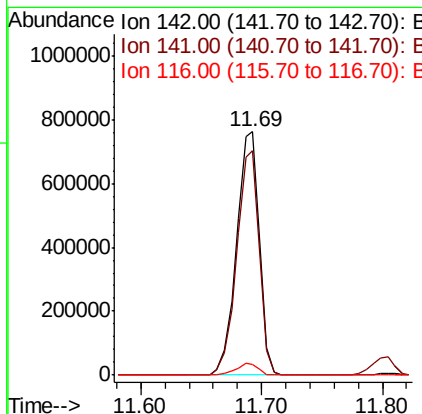
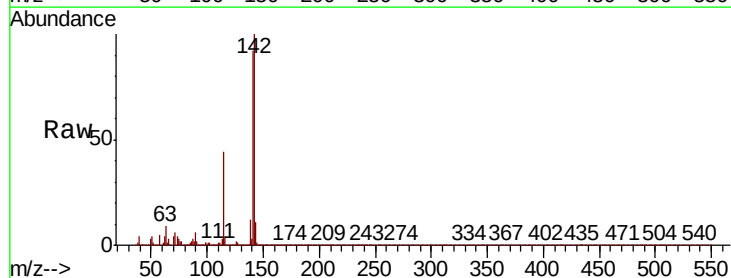
Instrument :
BNA_P
ClientSampleId :

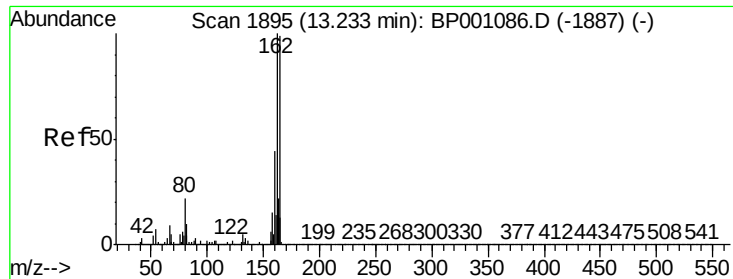
Tot Ion:142 Resp: 1048959
Ion Ratio Lower Upper
142 100
141 87.0 71.1 106.7
115 41.5 32.3 48.5



#38
1-Methylnaphthalene
Concen: 43.600 ng
RT: 11.69 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:142 Resp: 997497
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4
116 4.3 3.4 5.2

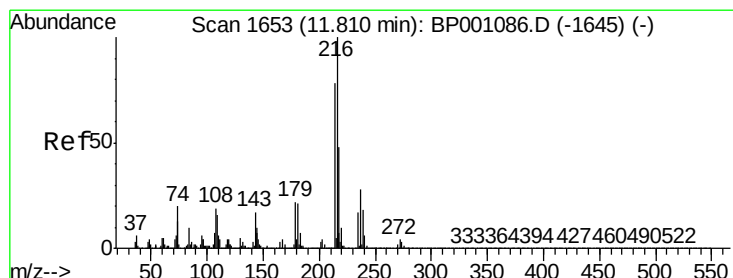
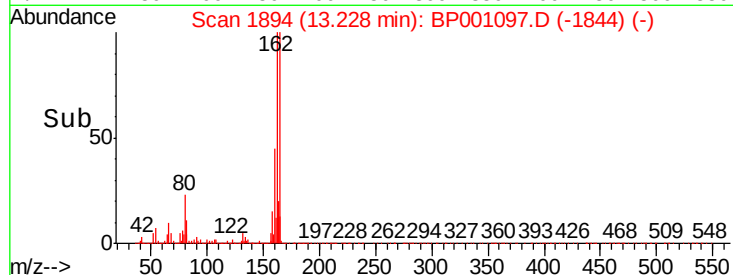
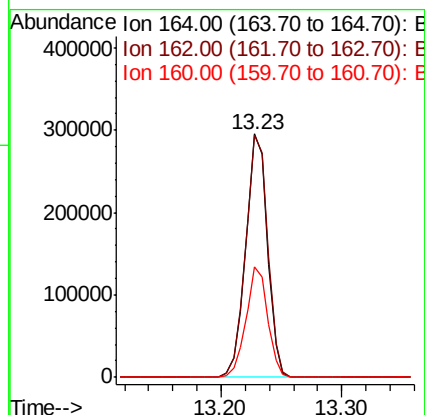
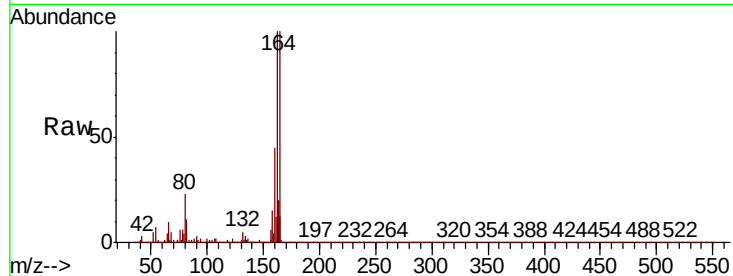




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

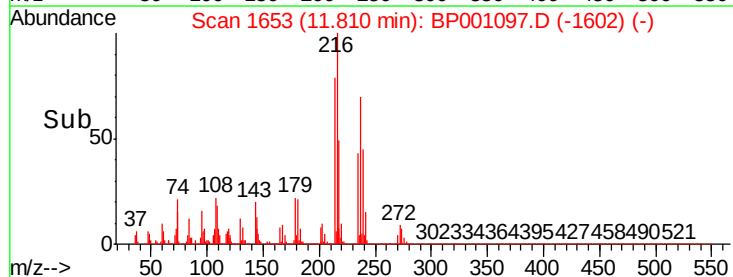
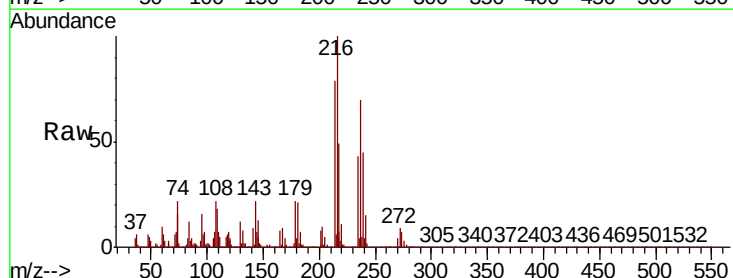
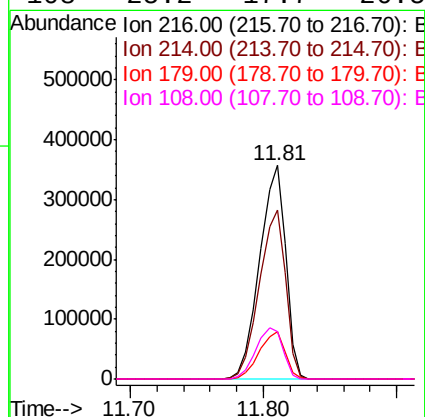
Instrument :
BNA_P
ClientSampleId :

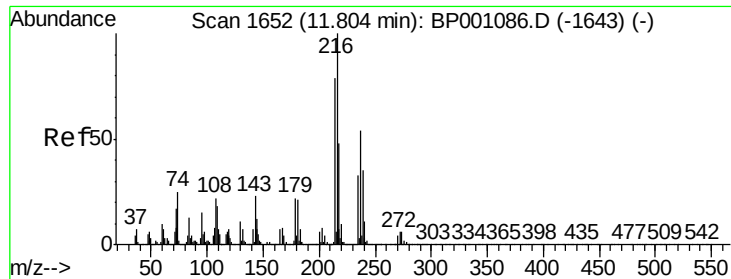
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	45.4	35.4	53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.952 ng
RT: 11.81 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.8	94.2
179	22.2	17.6	26.4
108	25.2	17.7	26.5

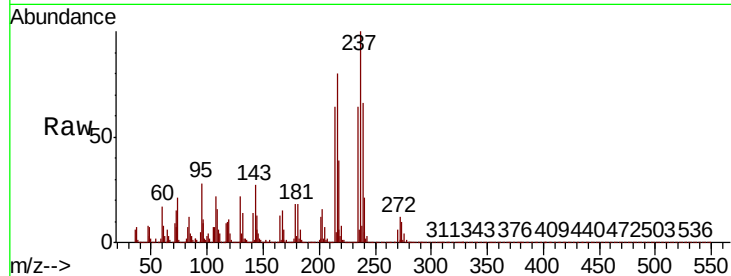




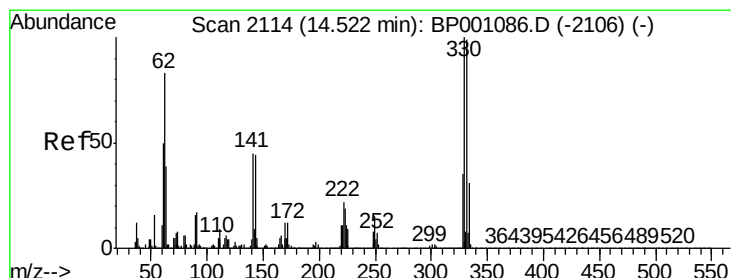
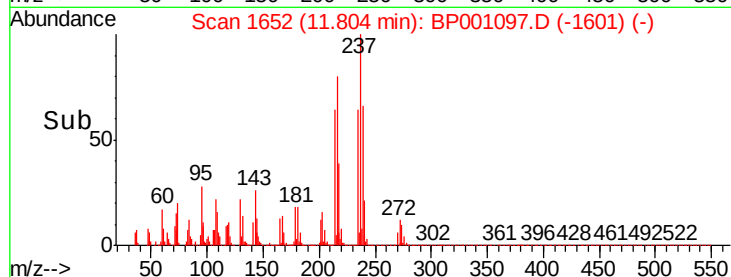
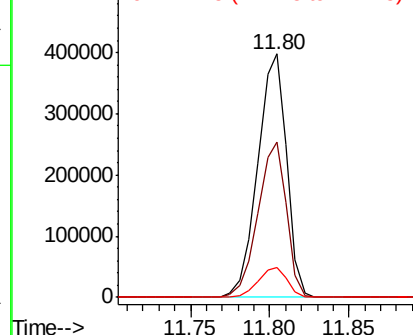
#41
Hexachlorocyclopentadiene
Concen: 93.380 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.0	41.8	81.8
272	12.4	0.0	31.9

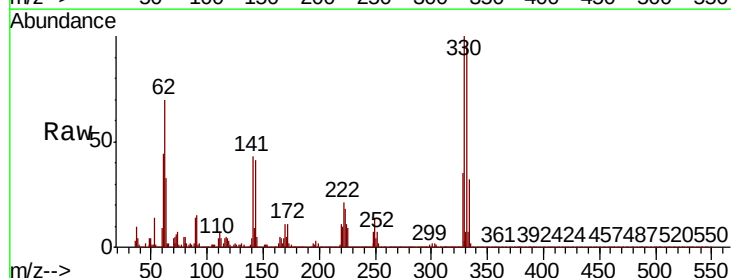


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

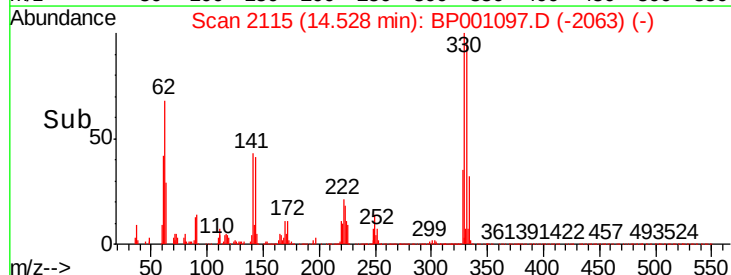
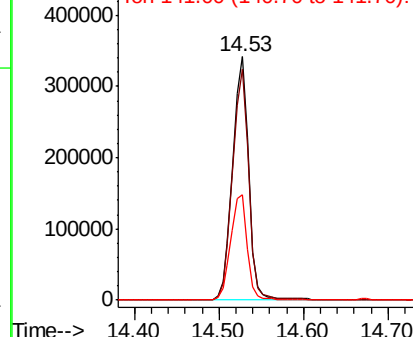


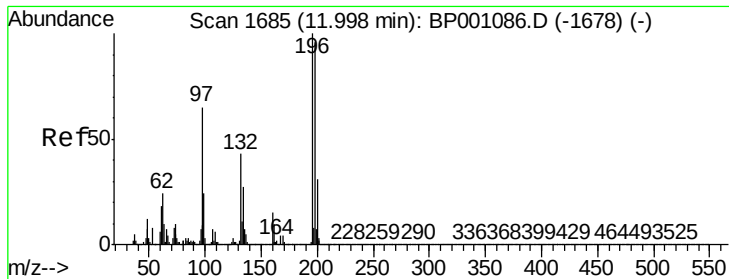
#42
2,4,6-Tribromophenol
Concen: 126.132 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	44.6	34.2	51.2



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

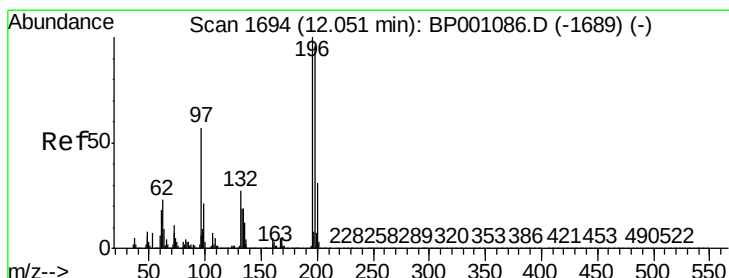
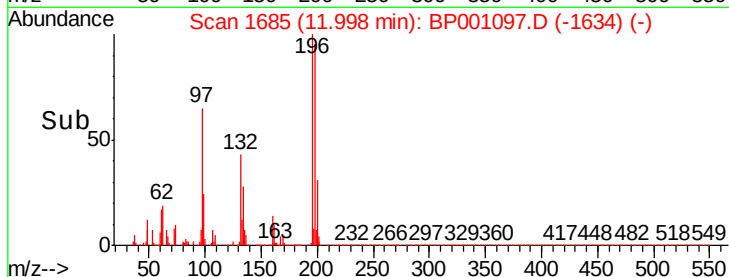
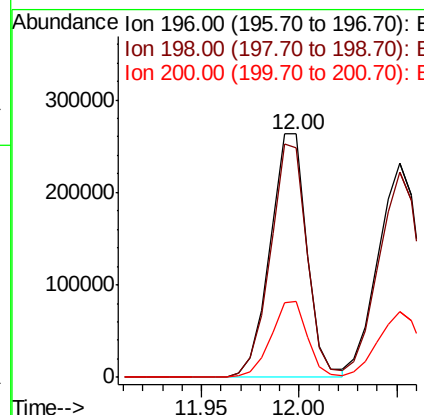
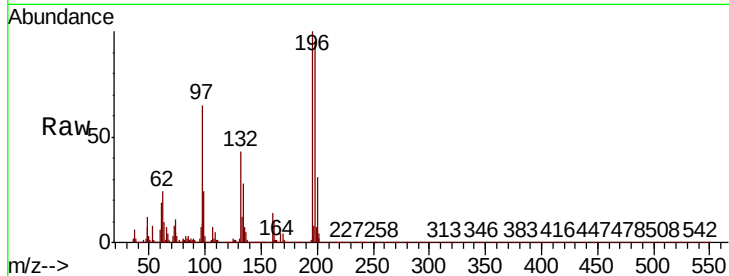




#43
2,4,6-Trichlorophenol
Concen: 45.013 ng
RT: 12.00 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

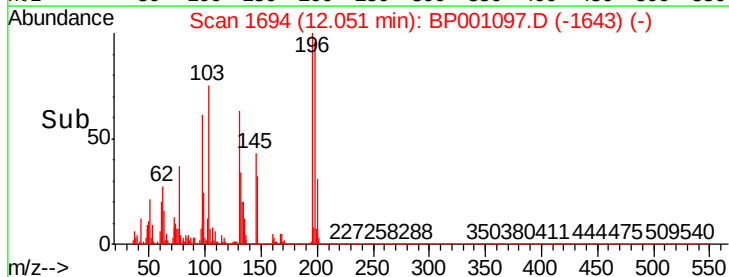
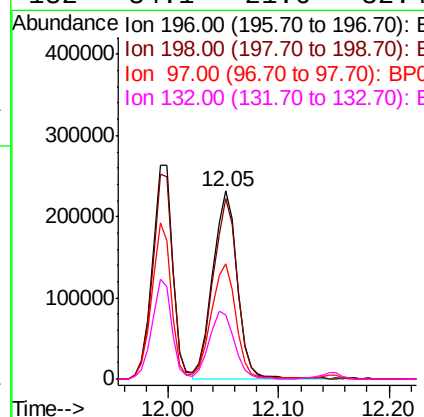
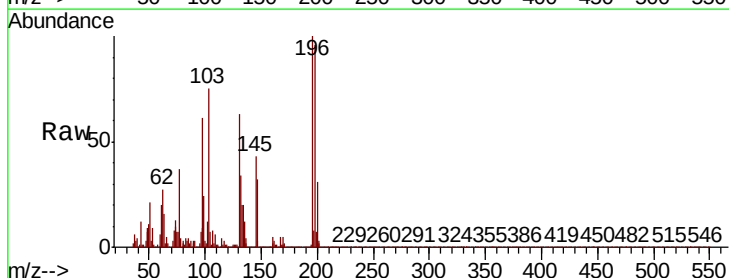
Instrument :
BNA_P
ClientSampleId :

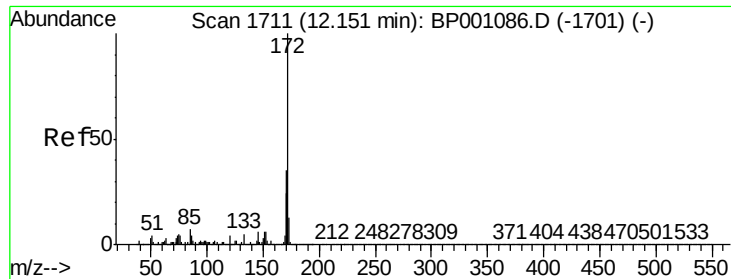
Tot Ion:196 Resp: 344177
Ion Ratio Lower Upper
196 100
198 94.5 76.7 115.1
200 31.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.477 ng
RT: 12.05 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:196 Resp: 352362
Ion Ratio Lower Upper
196 100
198 95.7 76.8 115.2
97 61.4 46.1 69.1
132 34.1 21.6 32.4#

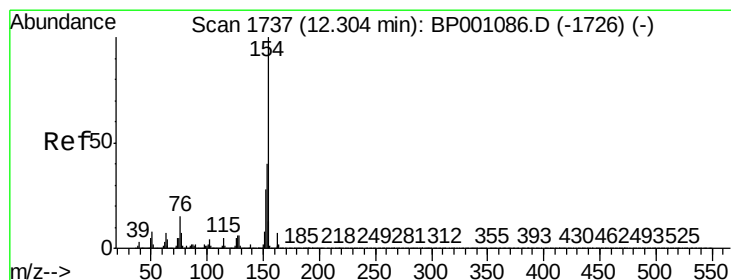
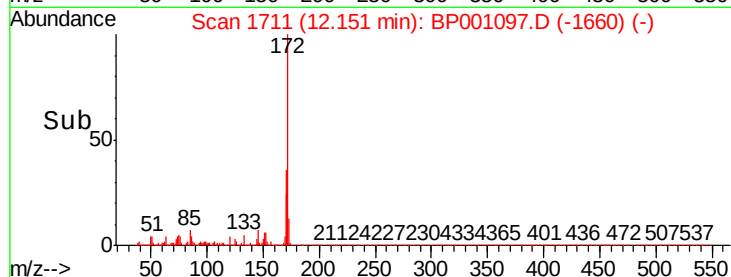
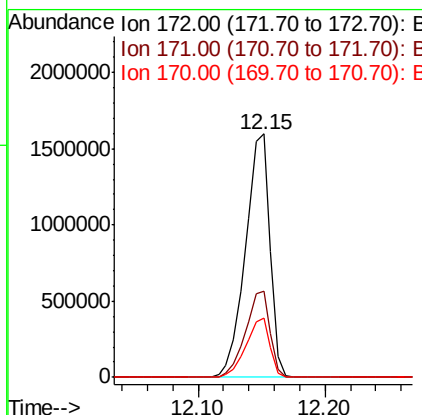
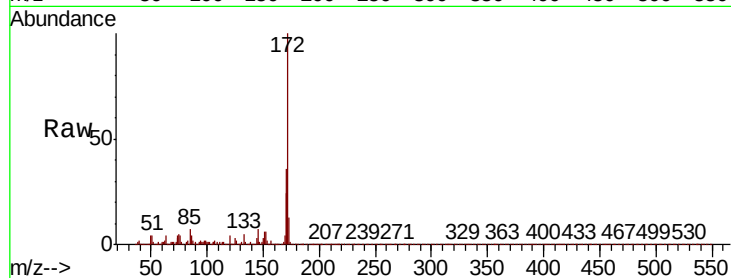




#45
2-Fluorobiphenyl
Concen: 84.506 ng
RT: 12.15 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

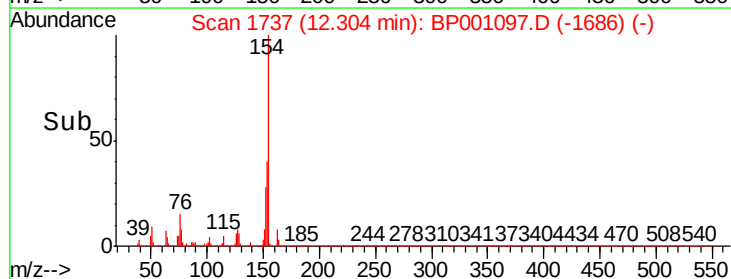
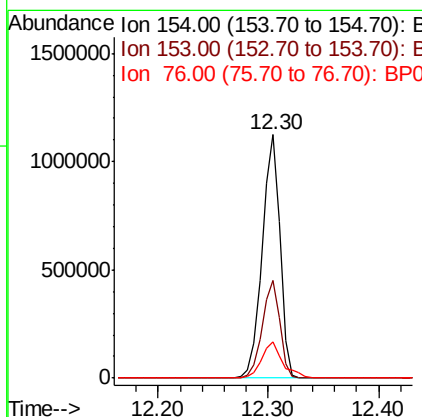
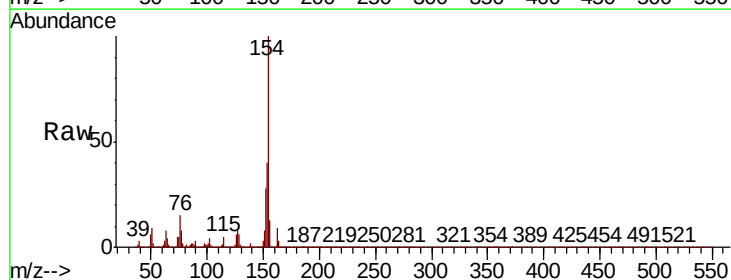
Instrument :
BNA_P
ClientSampleId :

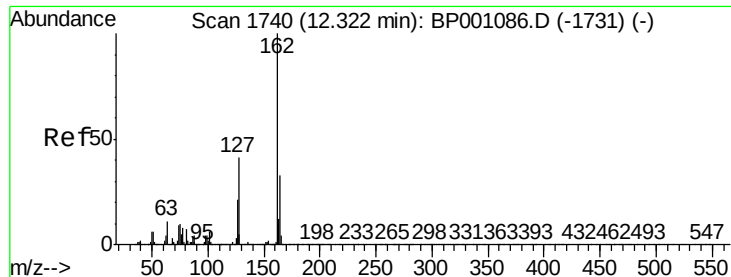
Tot Ion:172 Resp: 2145563
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.257 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:154 Resp: 1270963
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 15.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.674 ng

RT: 12.32 min Scan# 1740

Delta R.T. 0.00 min

Lab File: BP001097.D

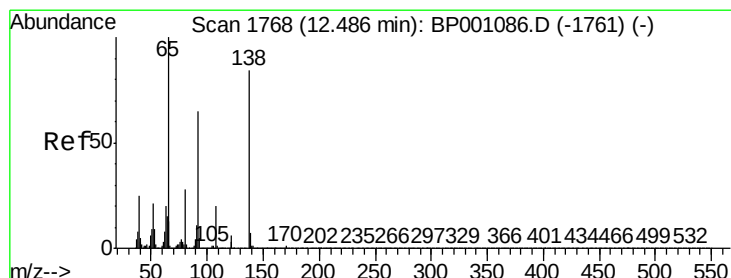
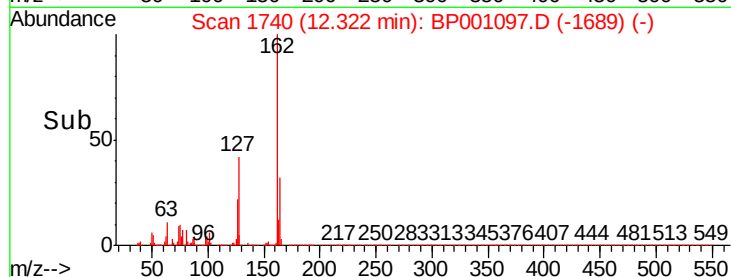
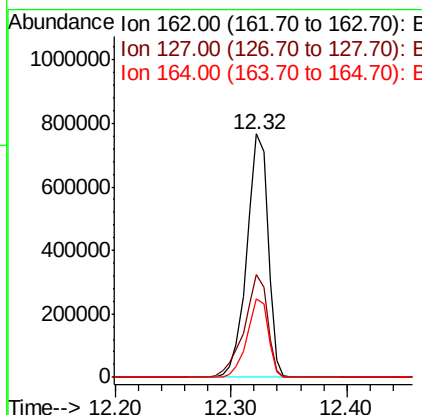
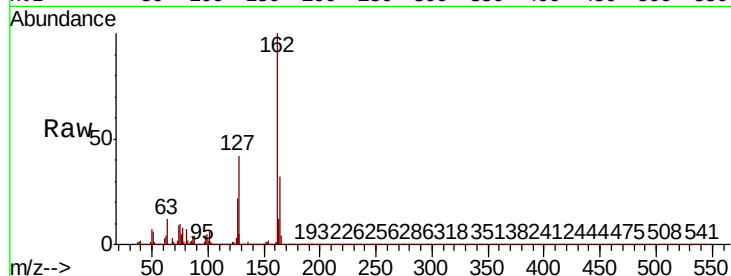
Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampled :

Tot Ion:	162	Resp:	978916
Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.0	49.6
164	32.3	26.7	40.1



#48

2-Nitroaniline

Concen: 38.320 ng

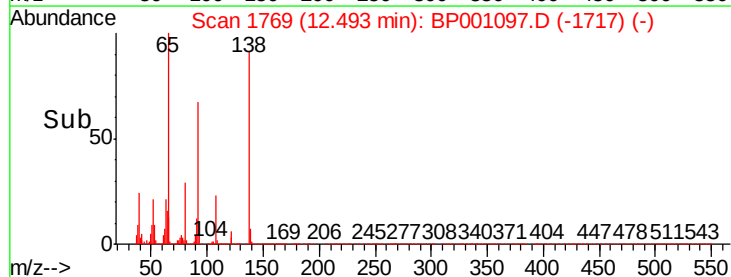
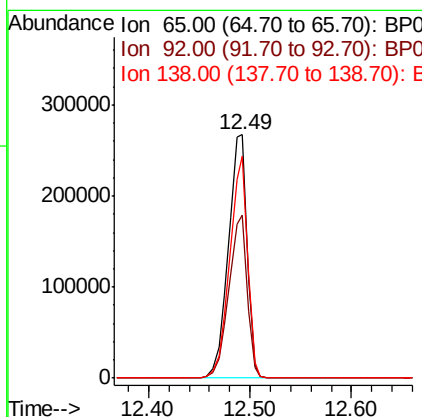
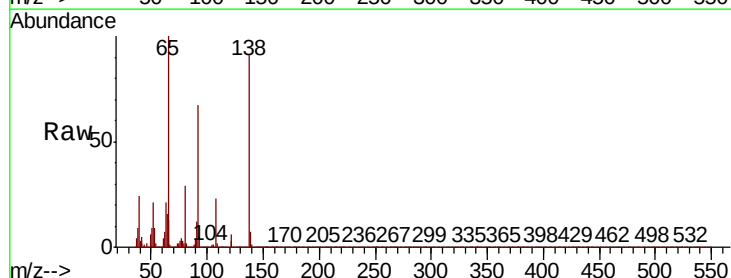
RT: 12.49 min Scan# 1769

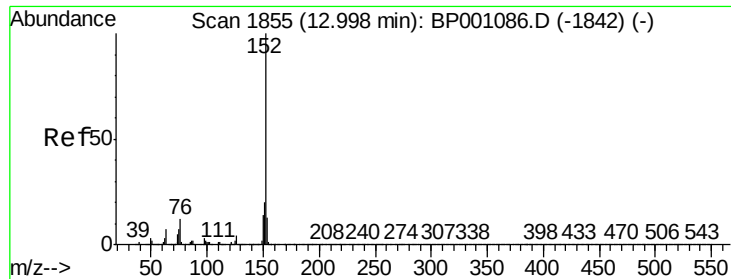
Delta R.T. 0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Tgt Ion:	65	Resp:	344511
Ion	Ratio	Lower	Upper
65	100		
92	67.0	51.6	77.4
138	91.2	67.3	100.9





#49

Acenaphthylene

Concen: 44.223 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

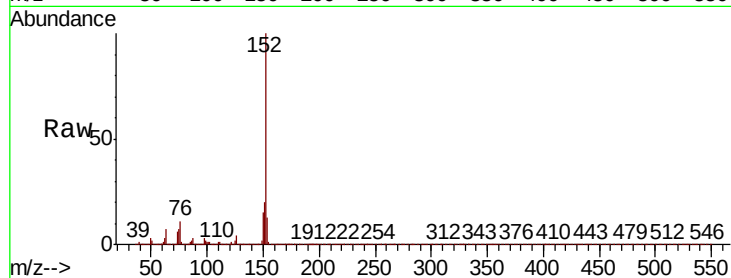
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1520586

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.2	15.4

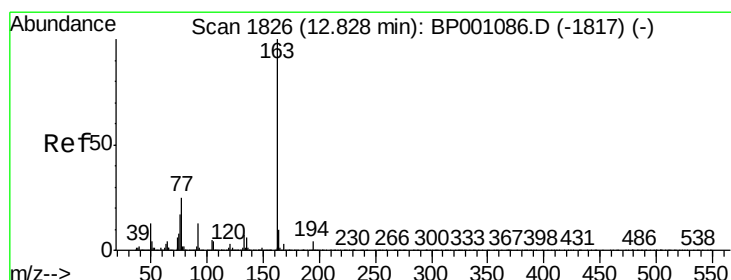
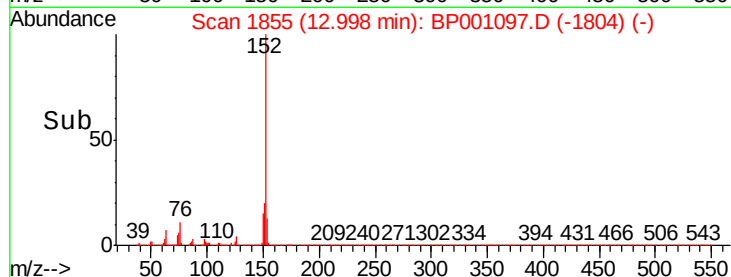
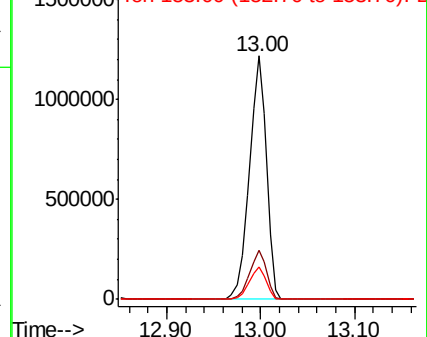


Abundance

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: 47.016 ng

RT: 12.83 min Scan# 1826

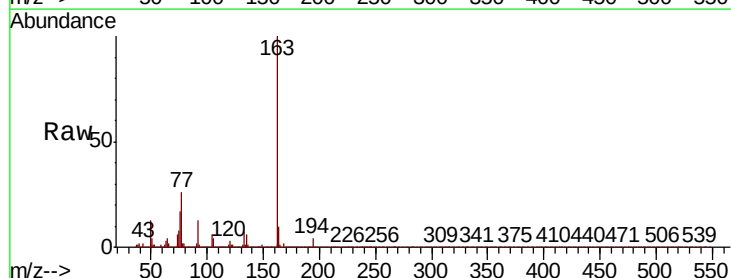
Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Tgt Ion:163 Resp: 1306662

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

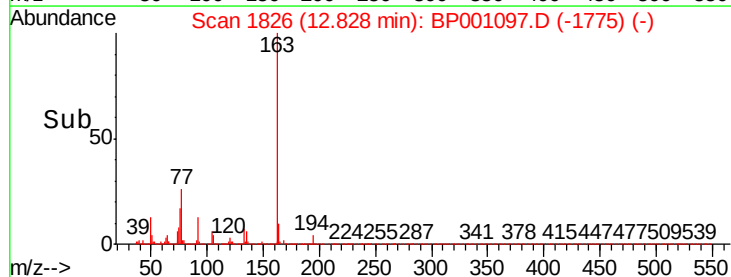
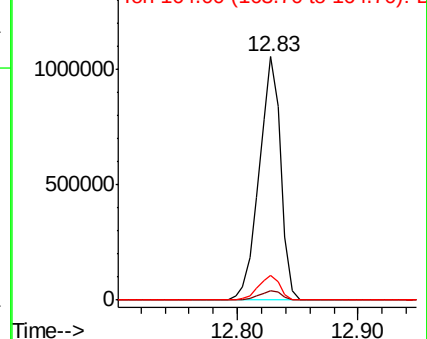


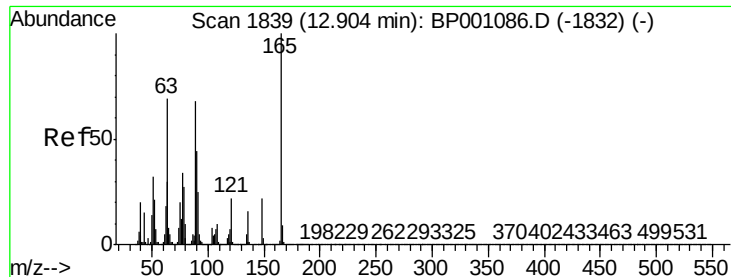
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

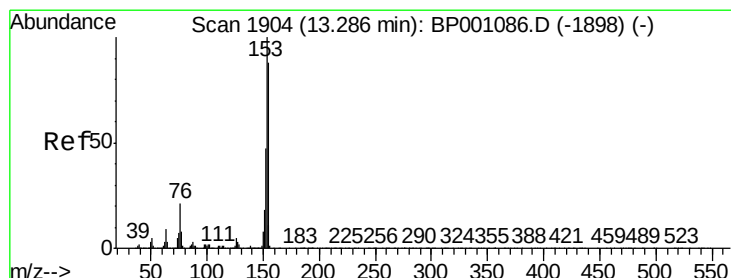
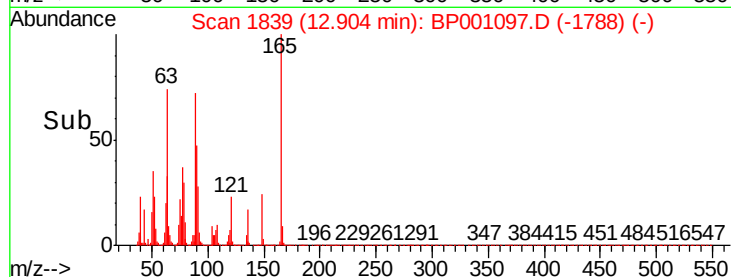
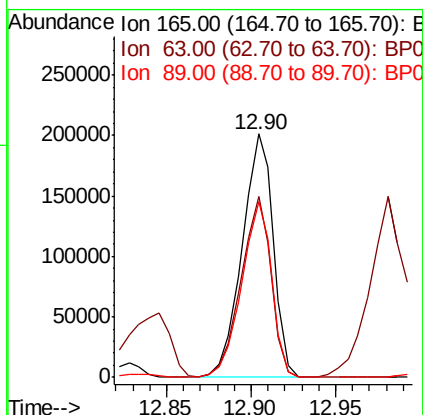
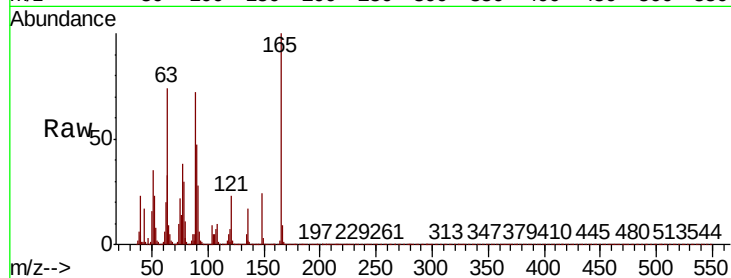




#51
2,6-Dinitrotoluene
Concen: 43.493 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

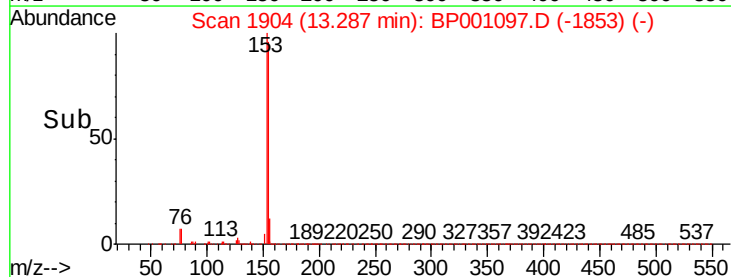
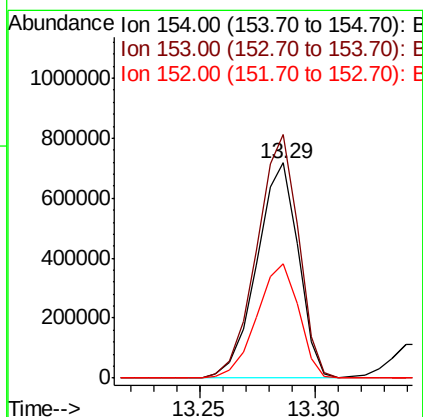
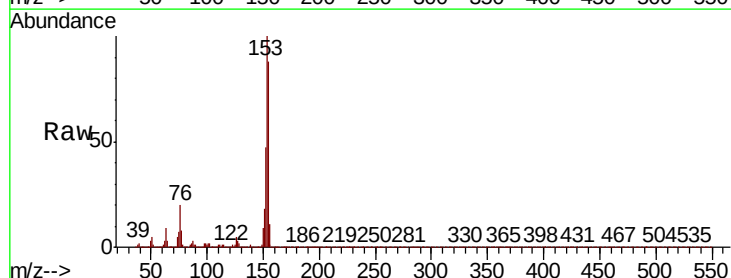
Instrument :
BNA_P
ClientSampled :

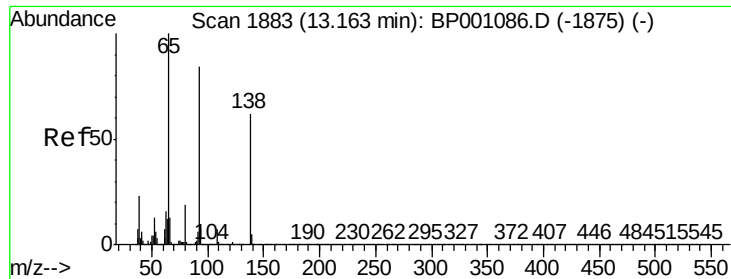
Tot Ion:165 Resp: 258748
Ion Ratio Lower Upper
165 100
63 74.2 55.6 83.4
89 72.4 54.1 81.1



#52
Acenaphthene
Concen: 43.514 ng
RT: 13.29 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:154 Resp: 900022
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 53.4 42.6 64.0

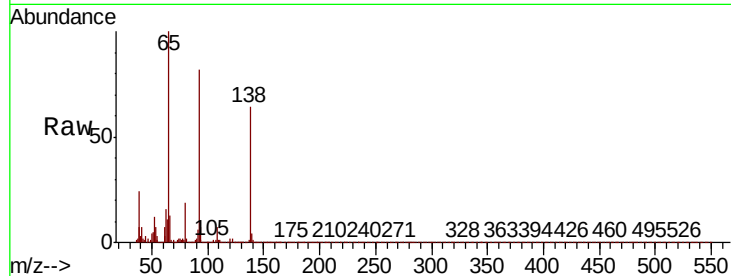




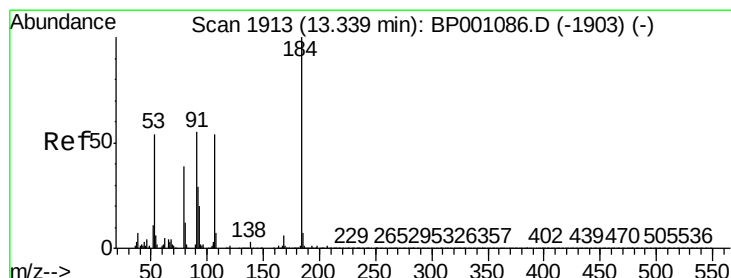
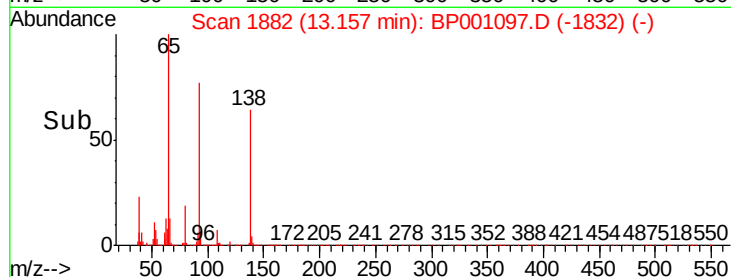
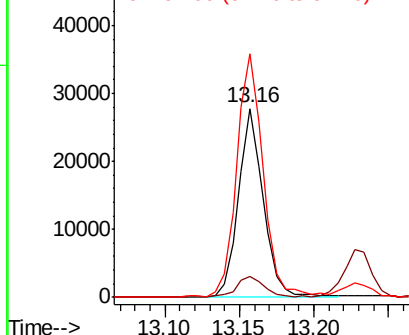
#53
3-Nitroaniline
Concen: 4.807 ng
RT: 13.16 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 32126
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 129.1 107.8 161.6

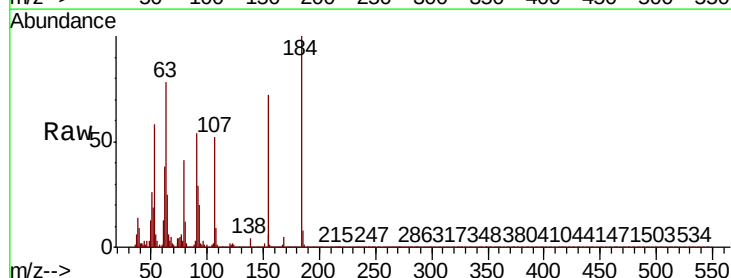


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

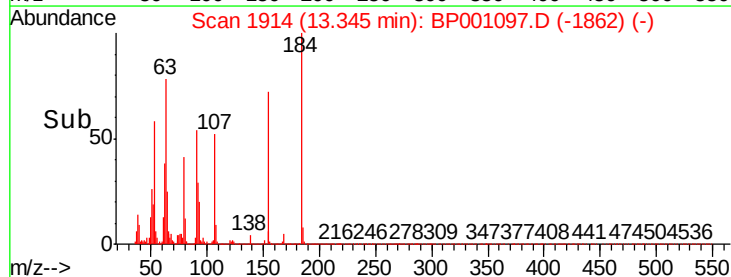
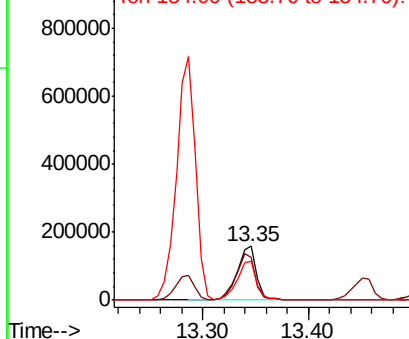


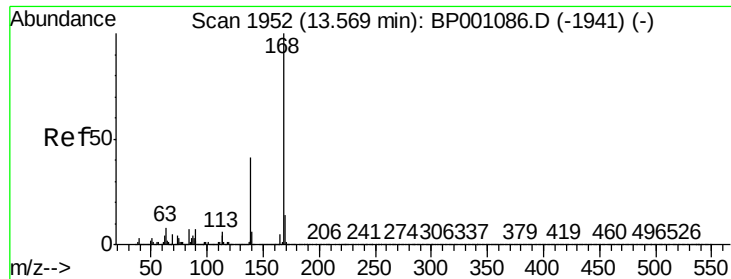
#54
2,4-Dinitrophenol
Concen: 81.364 ng
RT: 13.35 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:184 Resp: 198040
Ion Ratio Lower Upper
184 100
63 78.2 60.7 91.1
154 72.2 56.2 84.2



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





#55

Dibenzofuran

Concen: 43.795 ng

RT: 13.57 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

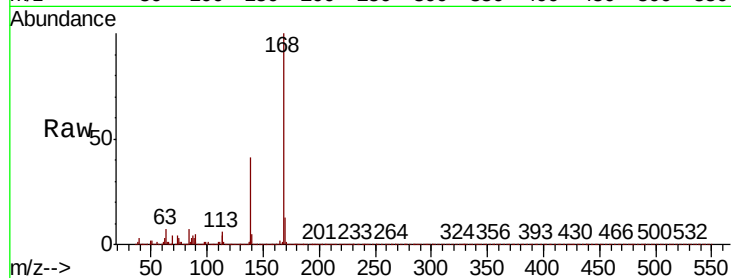
Instrument :

BNA_P

ClientSampled :

Tot Ion:168 Resp: 1361201

Ion	Ratio	Lower	Upper
168	100		
139	40.8	32.8	49.2
169	13.1	10.9	16.3

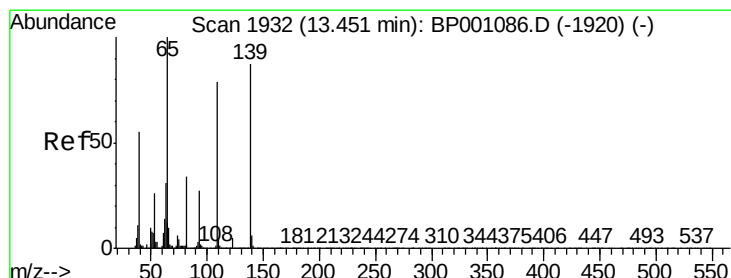
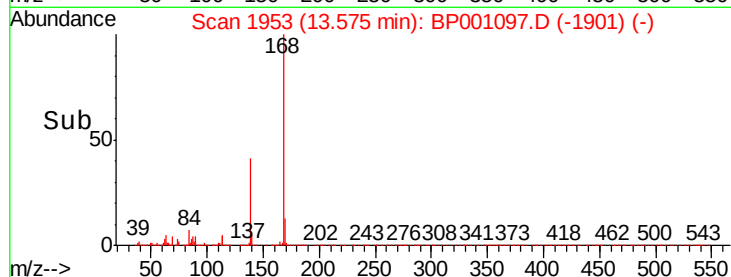
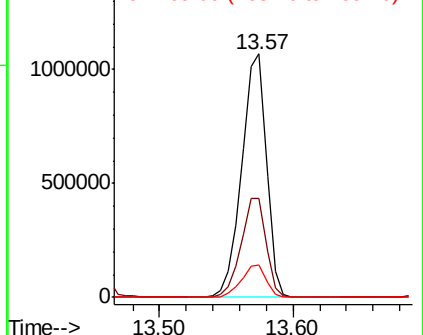


Abundance

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: 49.082 ng

RT: 13.46 min Scan# 1933

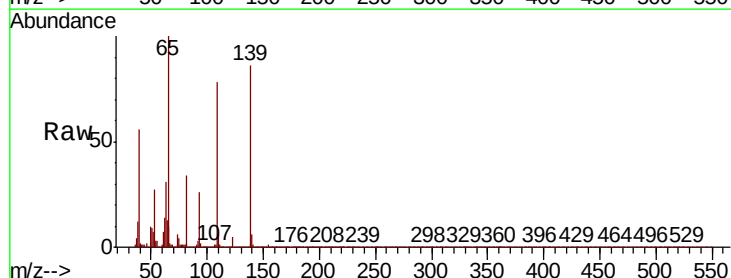
Delta R.T. 0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Tgt Ion:139 Resp: 232433

Ion	Ratio	Lower	Upper
139	100		
109	90.3	70.9	110.9
65	115.8	95.2	135.2

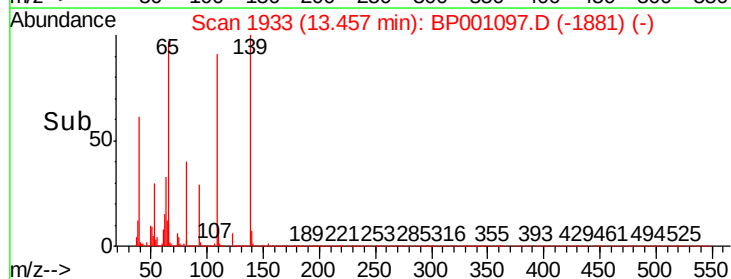
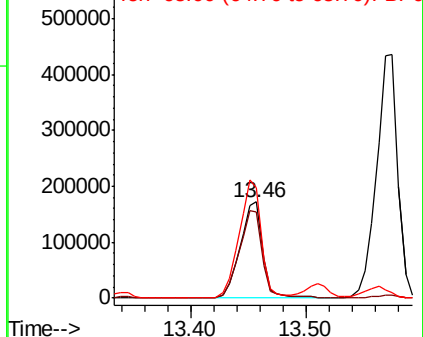


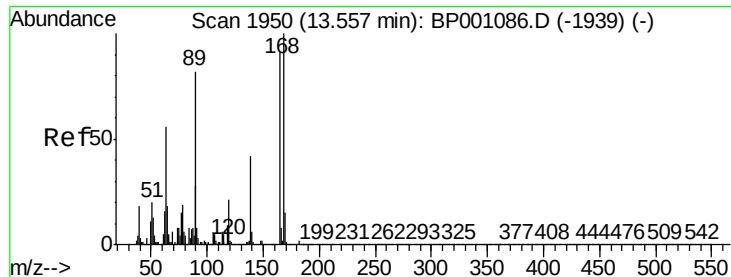
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

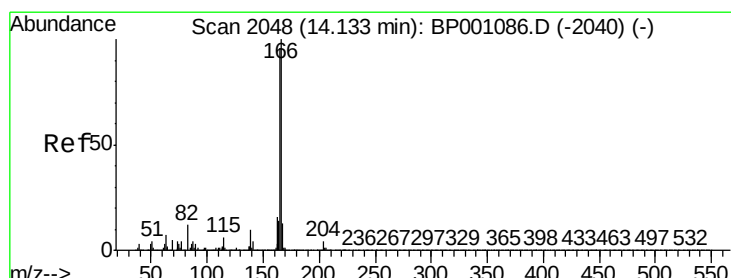
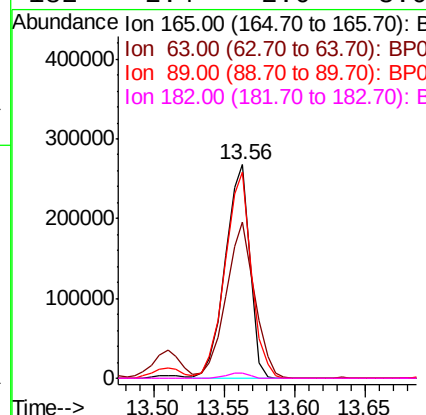
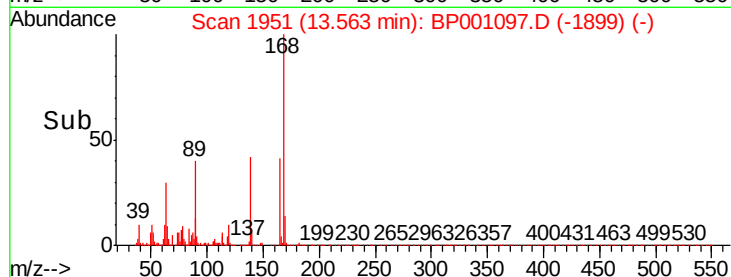
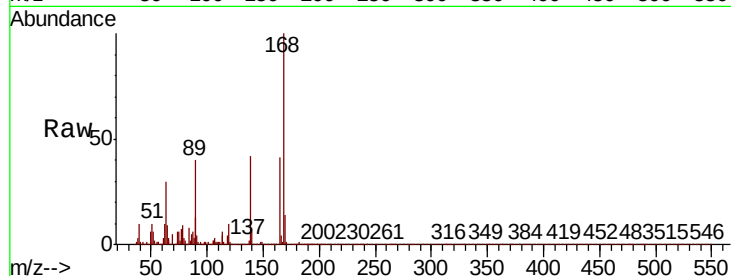




#57
2,4-Dinitrotoluene
Concen: 43.080 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

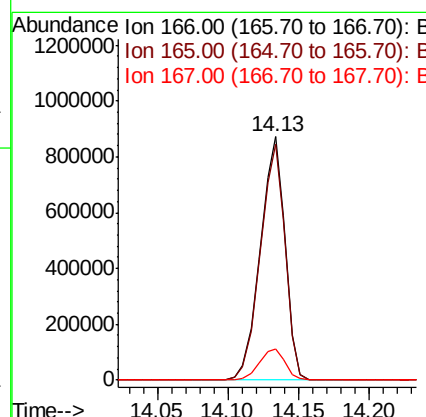
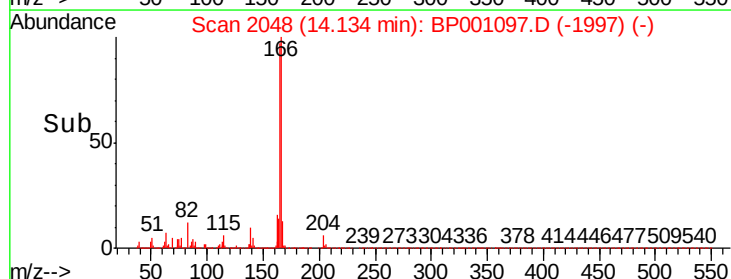
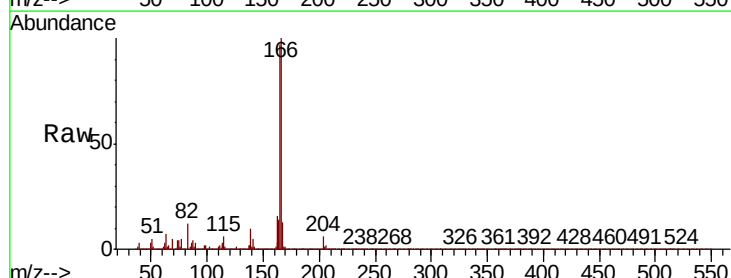
Instrument :
BNA_P
ClientSampleId :

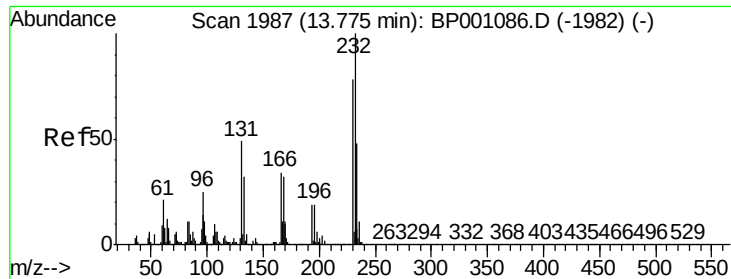
Tot Ion	Ratio	Lower	Upper
165	100		
63	73.0	49.4	74.2
89	96.5	72.1	108.1
182	2.4	2.0	3.0



#58
Fluorene
Concen: 43.236 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.7	115.1
167	12.8	10.5	15.7

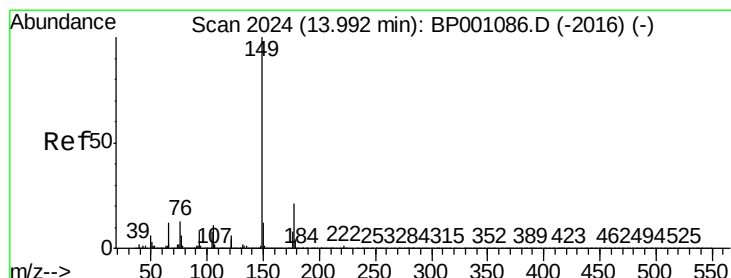
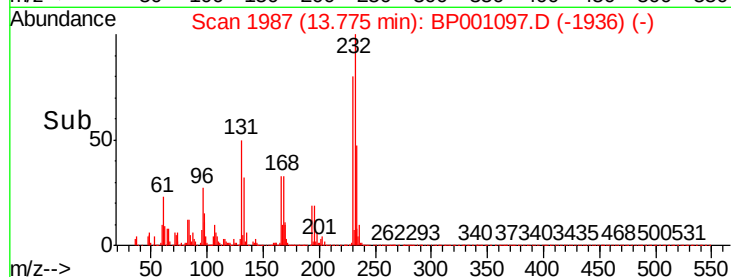
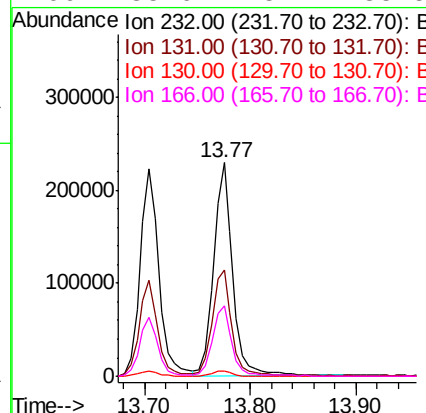
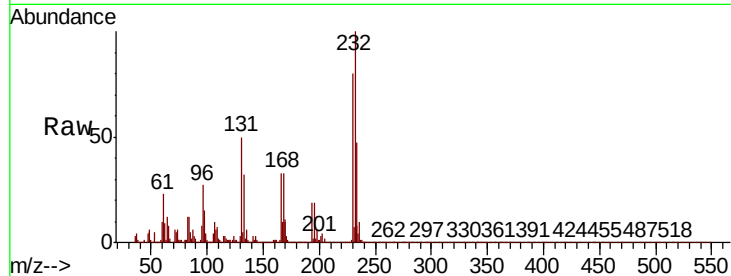




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.286 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

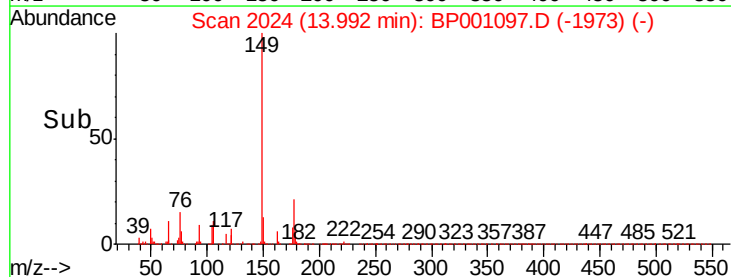
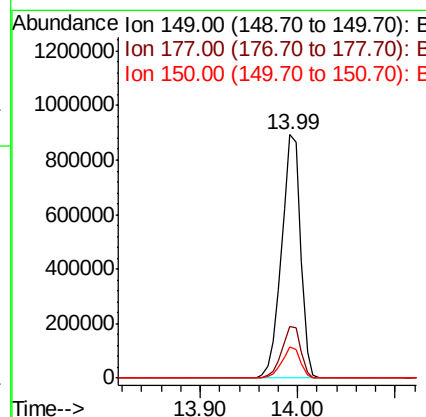
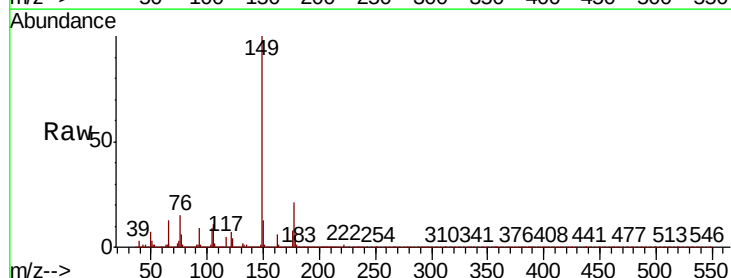
Instrument :
 BNA_P
 ClientSampleId :

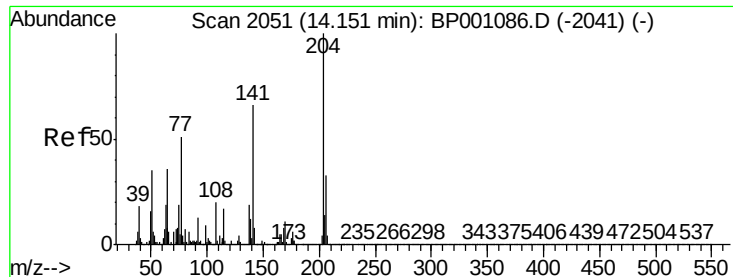
Tot Ion:	232	Resp:	288402
Ion	Ratio	Lower	Upper
232	100		
131	52.2	39.6	59.4
130	2.5	1.9	2.9
166	33.6	25.7	38.5



#60
 Diethylphthalate
 Concen: 42.013 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

Tgt Ion:	149	Resp:	1208984
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.0	25.6
150	12.5	9.9	14.9

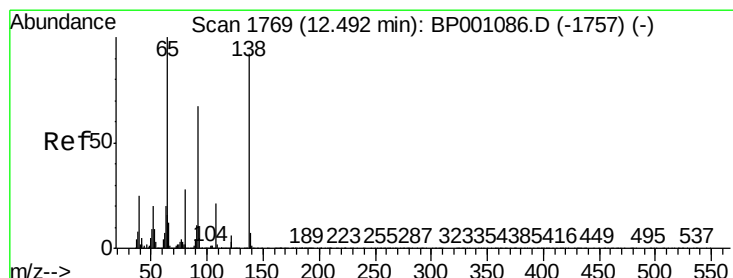
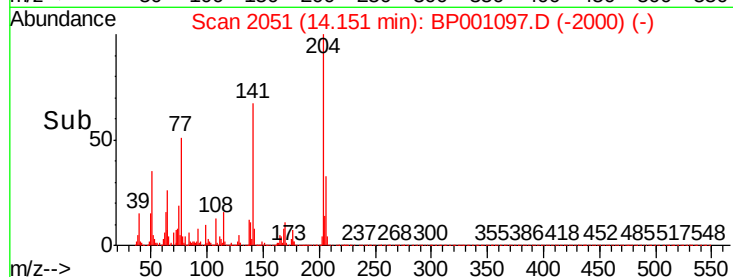
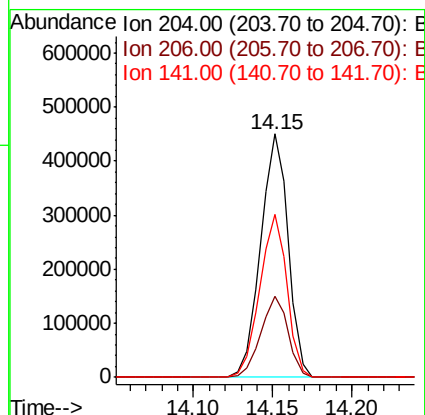
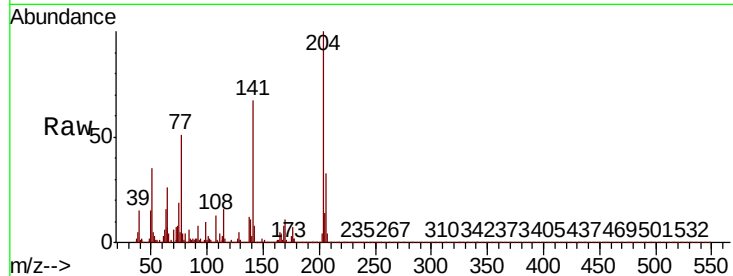




#61
4-Chlorophenyl-phenylether
Concen: 42.905 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

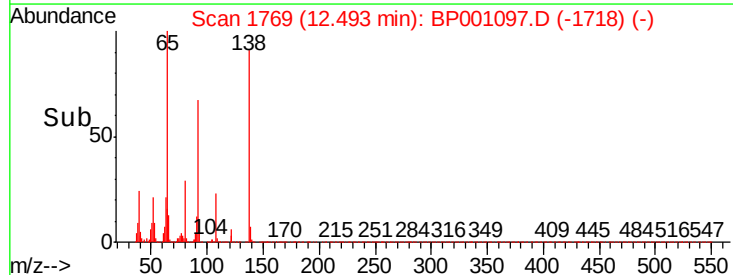
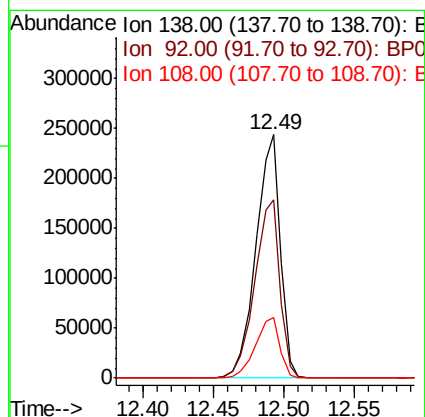
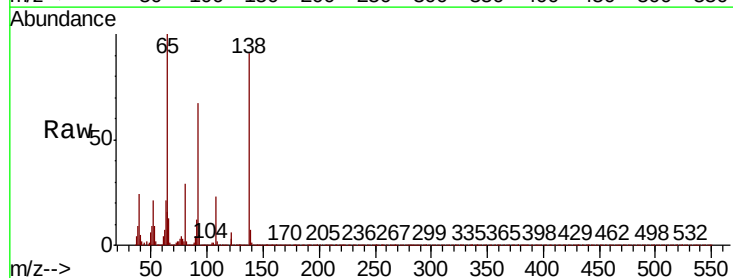
Instrument :
BNA_P
ClientSampled :

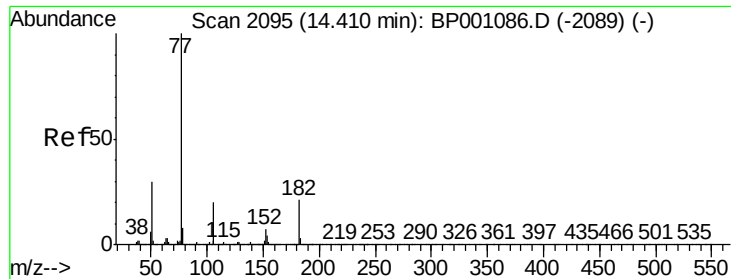
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.1	39.1
141	66.9	52.7	79.1



#62
4-Nitroaniline
Concen: 38.430 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	73.5	53.3	93.3
108	25.0	3.1	43.1





#63

Azobenzene

Concen: 43.037 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1338665

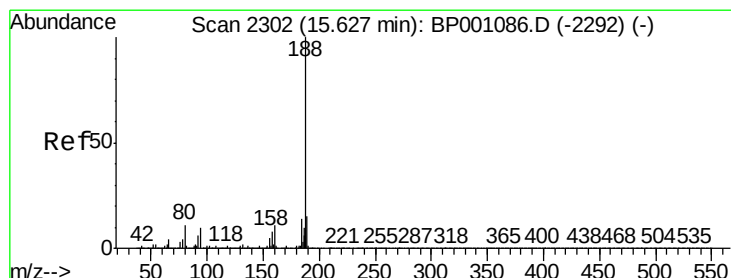
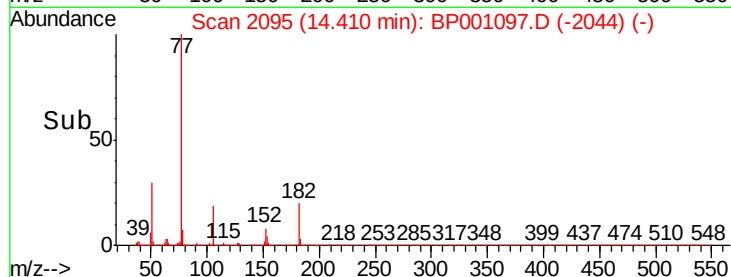
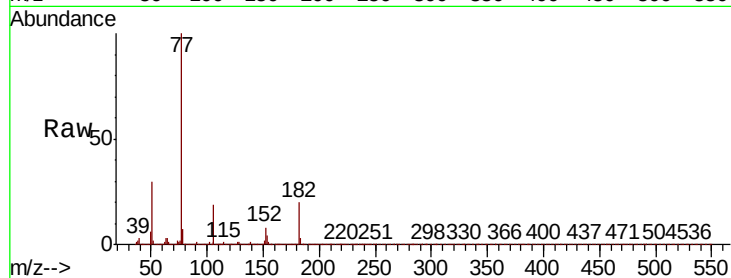
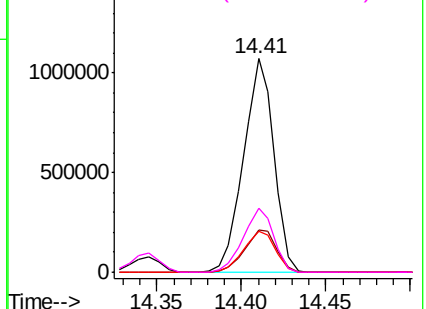
Ion	Ratio	Lower	Upper
77	100		
182	19.8	0.8	40.8
105	19.4	0.3	40.3
51	30.2	9.6	49.6

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: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

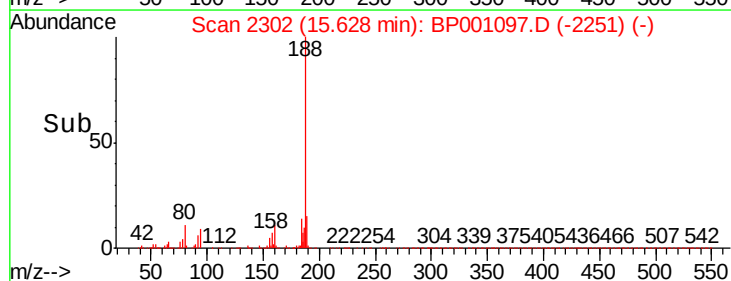
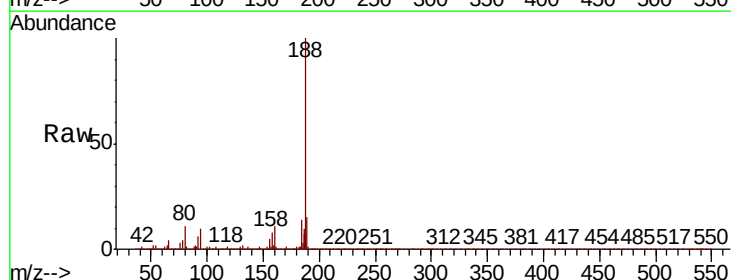
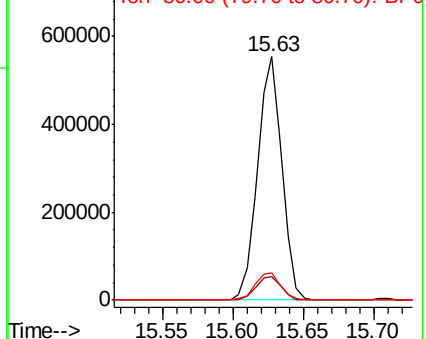
Tgt Ion: 188 Resp: 672597

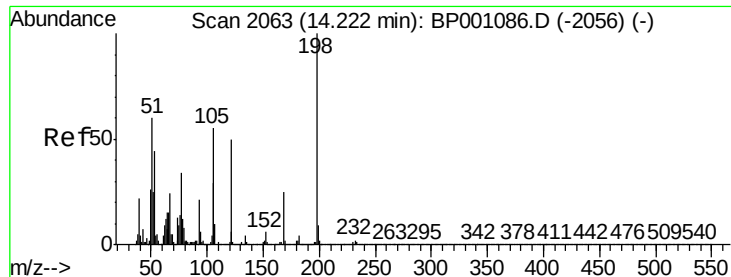
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	11.0	8.8	13.2

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

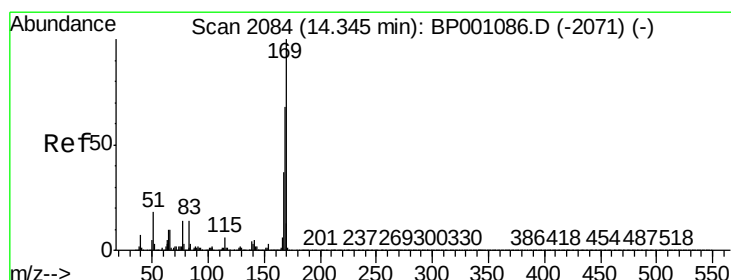
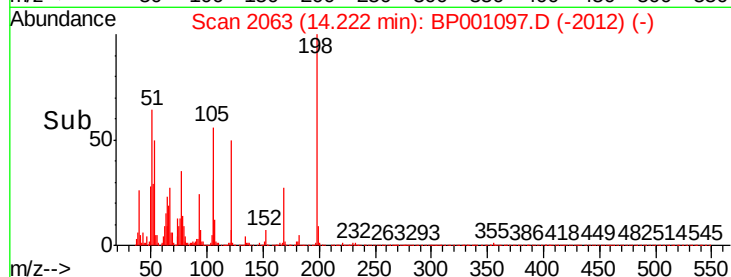
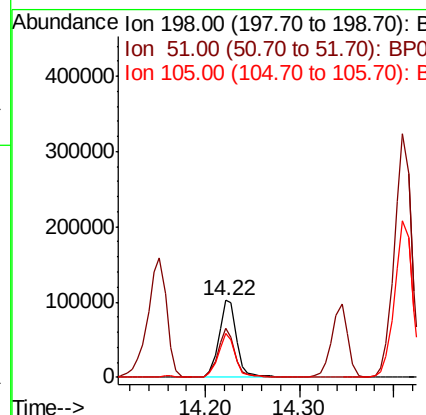
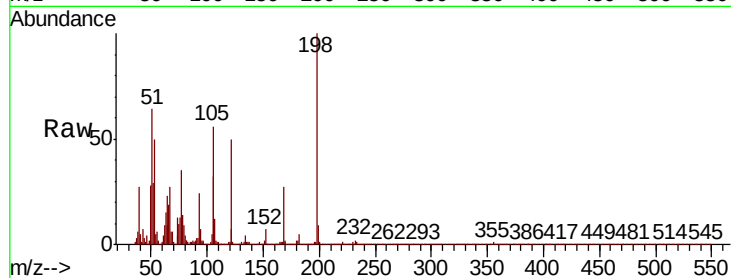




#65
4,6-Dinitro-2-methylphenol
Concen: 47.365 ng
RT: 14.22 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

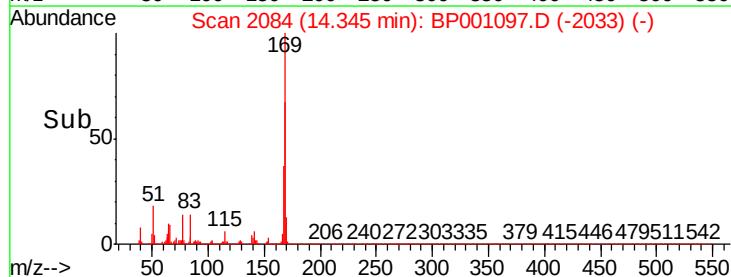
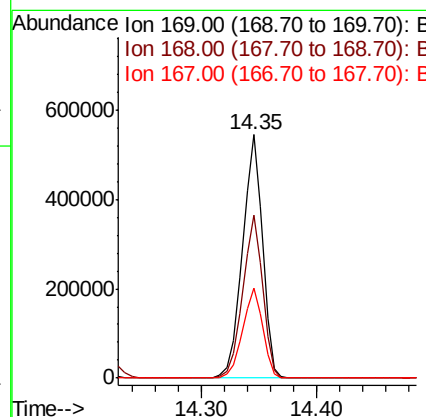
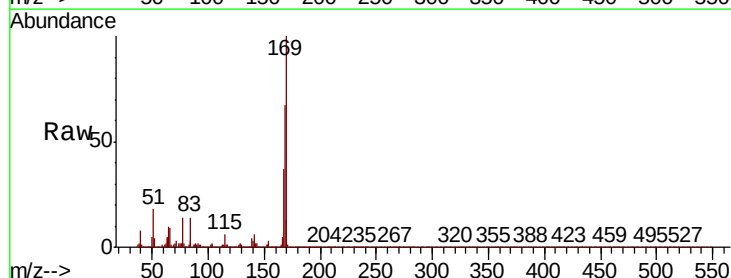
Instrument :
BNA_P
ClientSampleId :

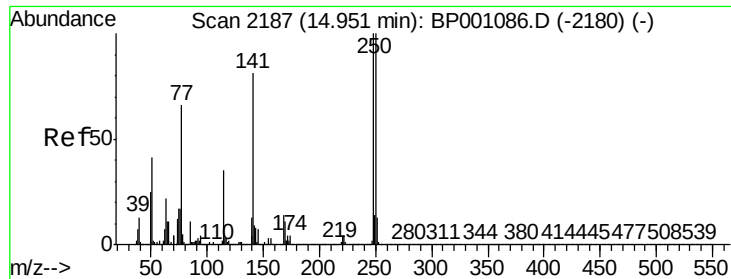
Tot Ion	Ratio	Lower	Upper
198	100		
51	63.8	40.5	80.5
105	56.3	35.7	75.7



#66
n-Nitrosodiphenylamine
Concen: 31.937 ng
RT: 14.35 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	37.2	29.5	44.3

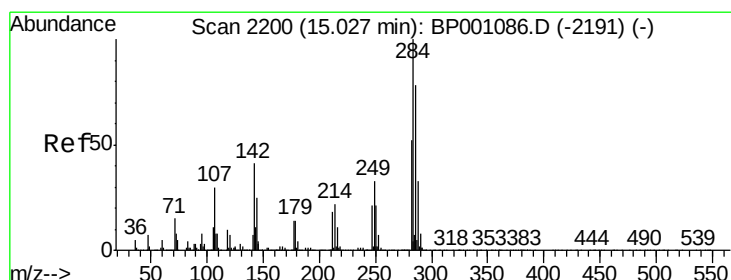
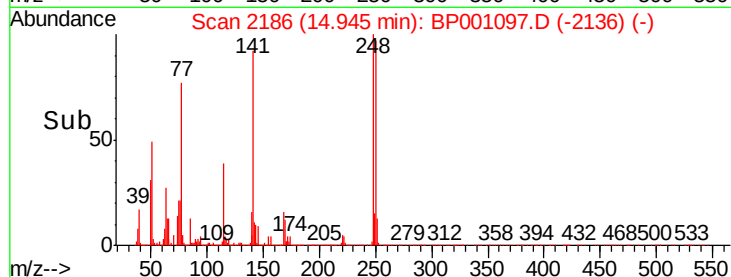
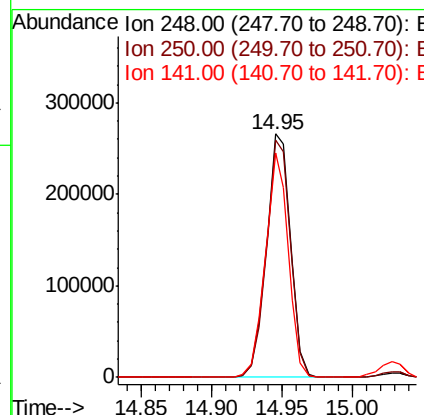
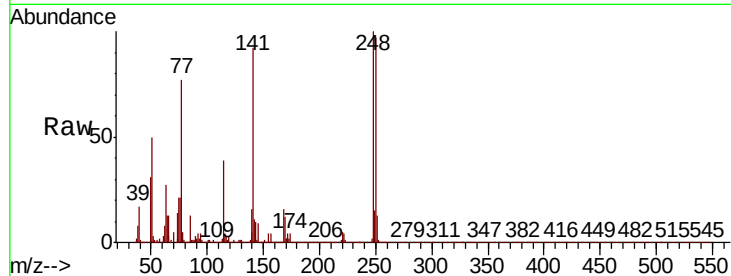




#67
4-Bromophenyl-phenylether
Concen: 44.125 ng
RT: 14.95 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

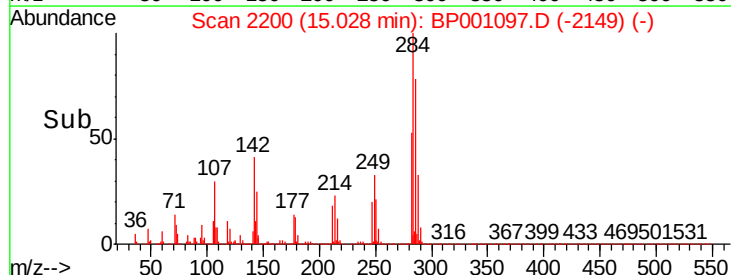
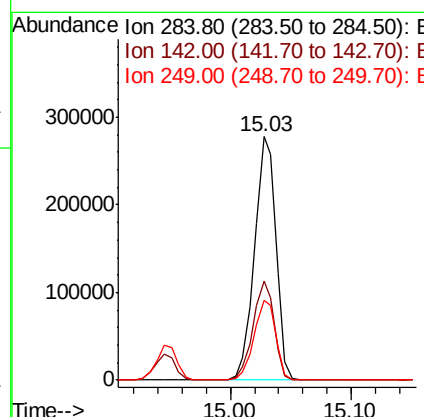
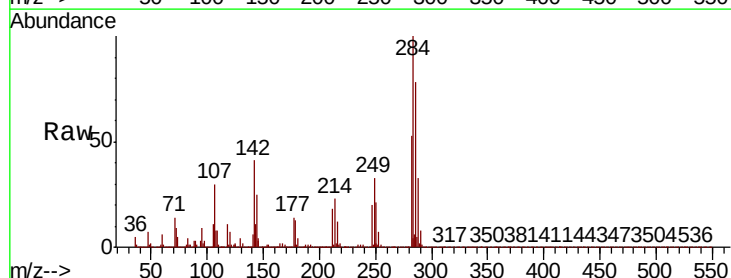
Instrument :
BNA_P
ClientSampleId :

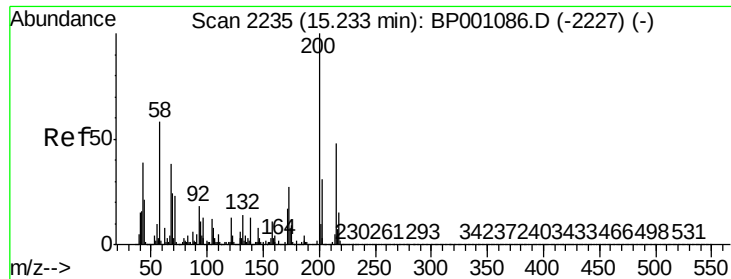
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	80.3	120.5
141	92.2	64.9	97.3



#68
Hexachlorobenzene
Concen: 42.875 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.8	33.2	49.8
249	32.8	26.2	39.4





#69

Atrazine

Concen: 27.175 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

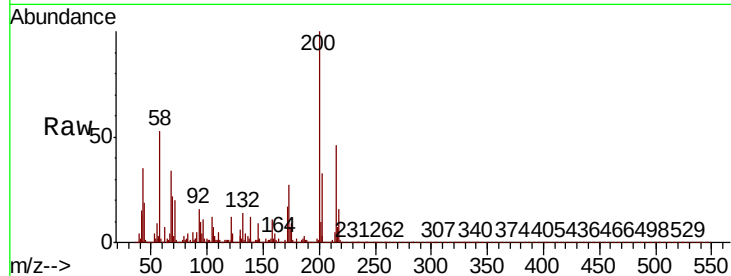
Tot Ion:200 Resp: 169571

Ion Ratio Lower Upper

200 100

173 26.7 6.7 46.7

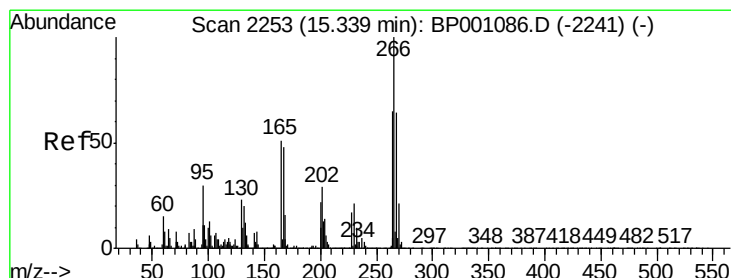
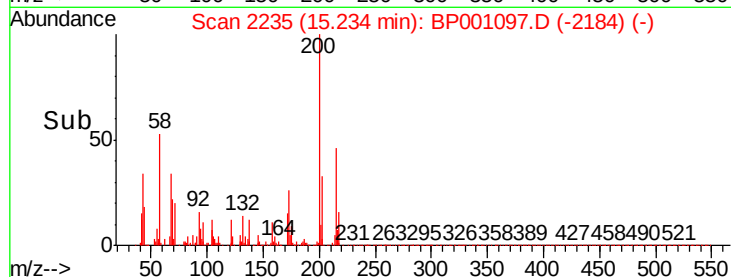
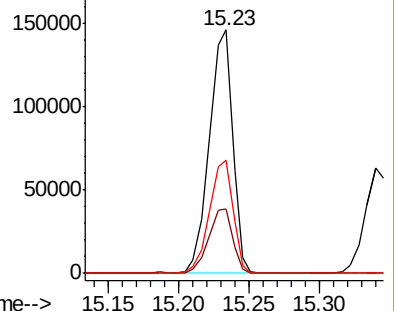
215 46.2 27.9 67.9



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: 93.669 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

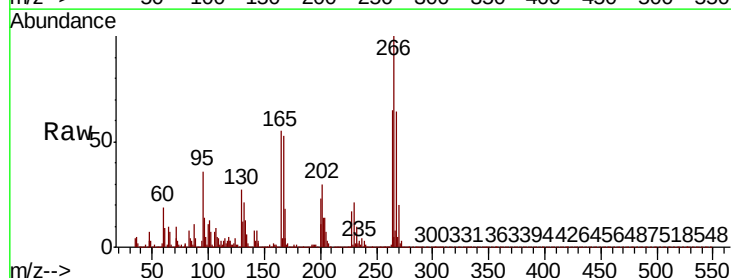
Tgt Ion:266 Resp: 391920

Ion Ratio Lower Upper

266 100

268 63.9 51.6 77.4

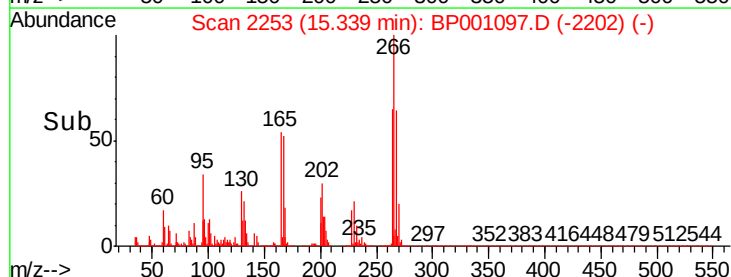
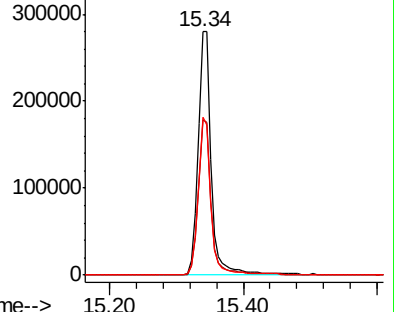
264 65.0 52.2 78.4

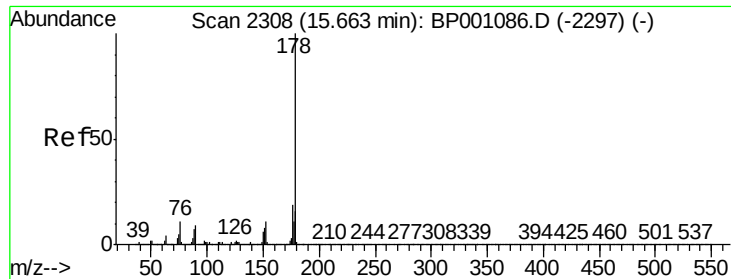


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

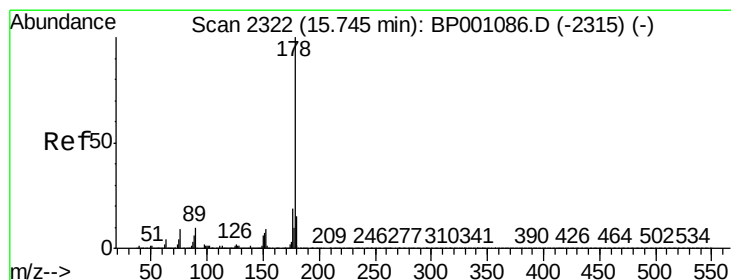
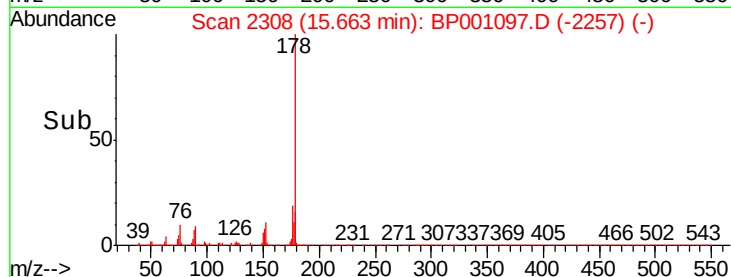
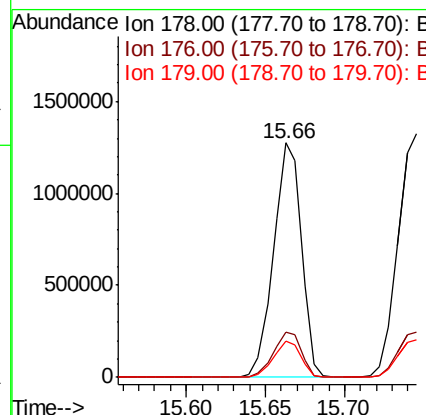
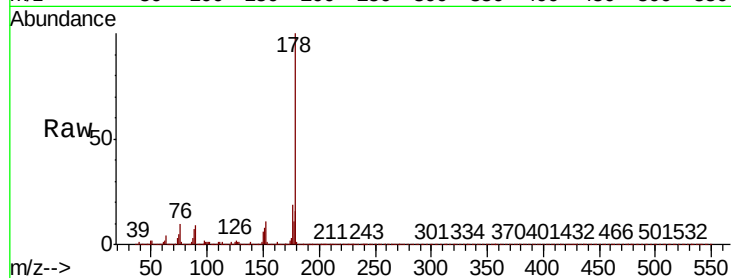




#71
Phenanthrene
Concen: 44.151 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

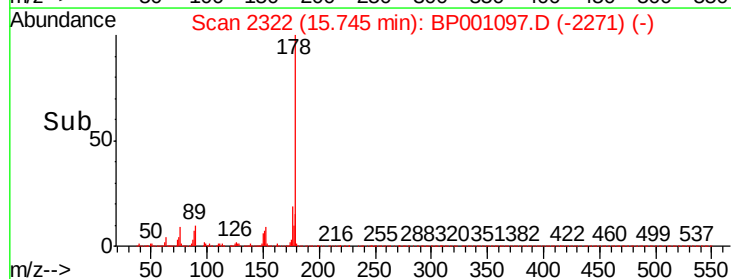
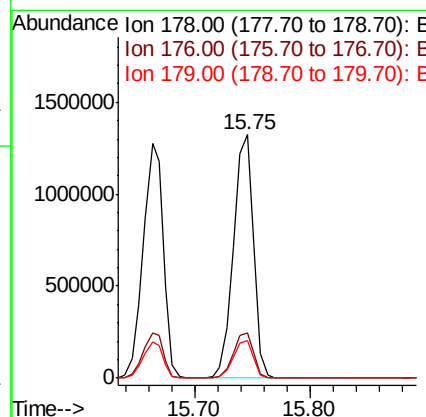
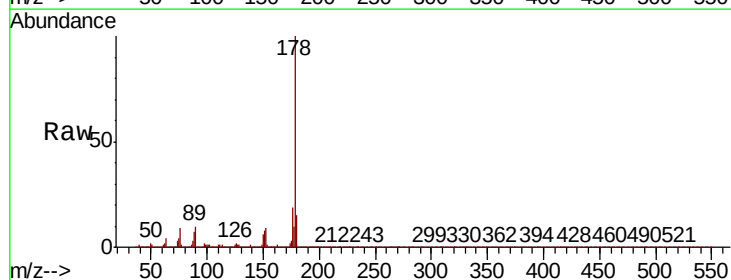
Instrument :
BNA_P
ClientSampled :

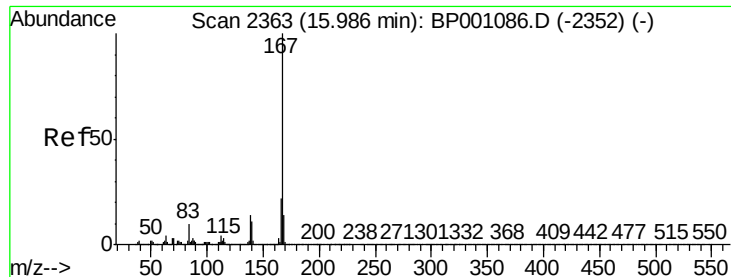
Tot Ion:178 Resp: 1561195
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.5 18.7



#72
Anthracene
Concen: 45.322 ng
RT: 15.75 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:178 Resp: 1579619
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.2 18.4

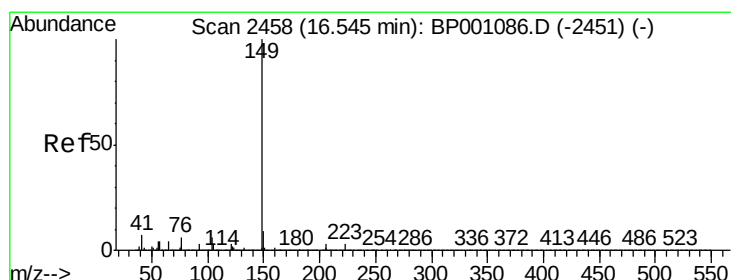
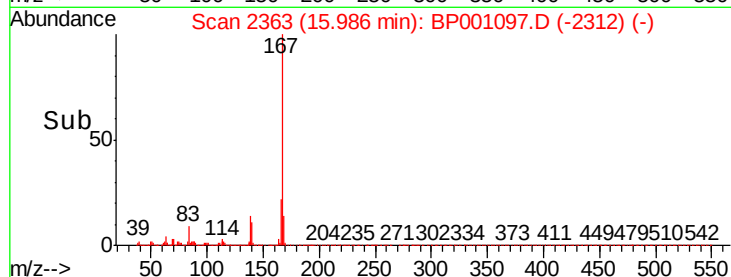
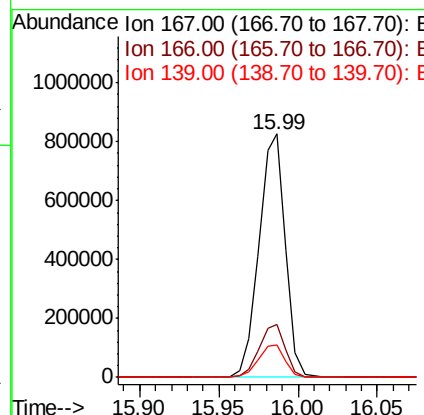
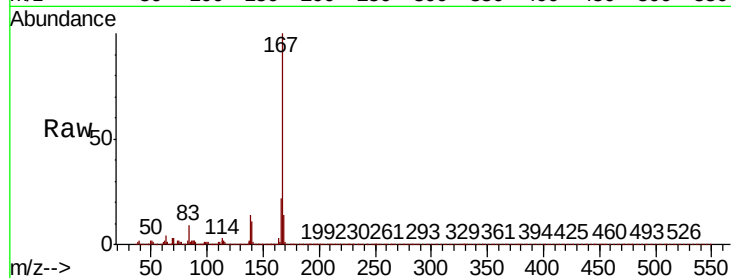




#73
 Carbazole
 Concen: 30.070 ng
 RT: 15.99 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

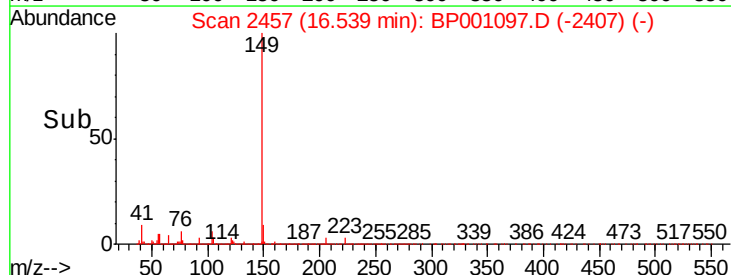
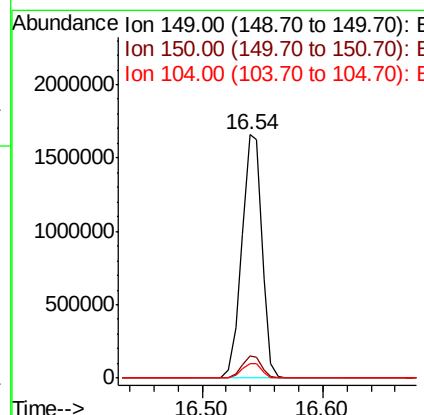
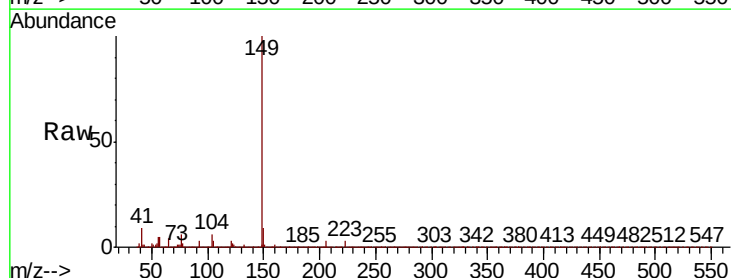
Instrument :
 BNA_P
 ClientSampleId :

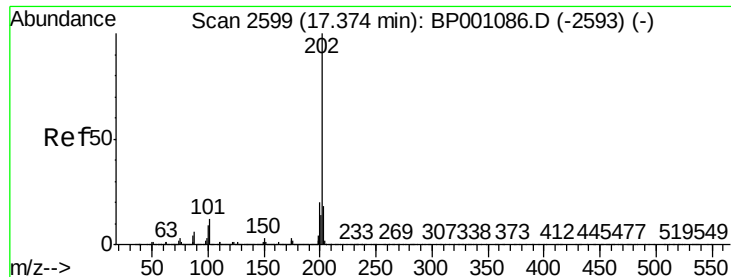
Tot Ion:167 Resp: 953674
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.6 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 45.204 ng
 RT: 16.54 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

Tgt Ion:149 Resp: 1927544
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.0 4.6 6.8





#75

Fluoranthene

Concen: 44.570 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

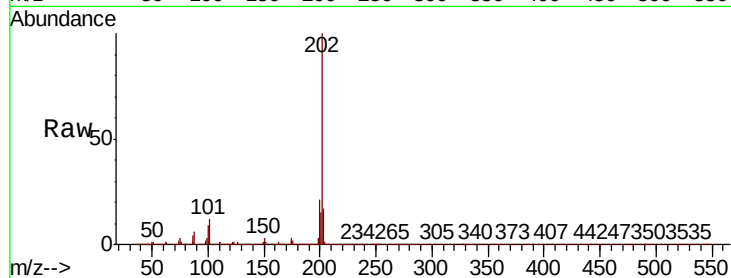
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 1668485

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.1
203	17.1	0.0	37.8

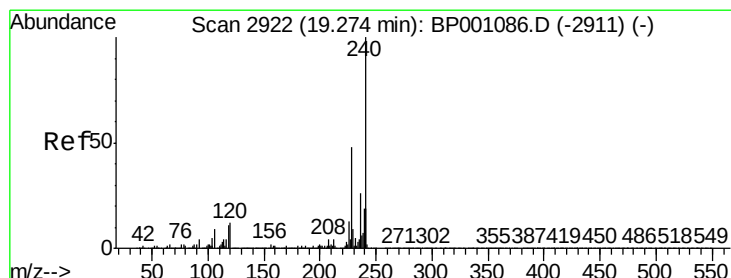
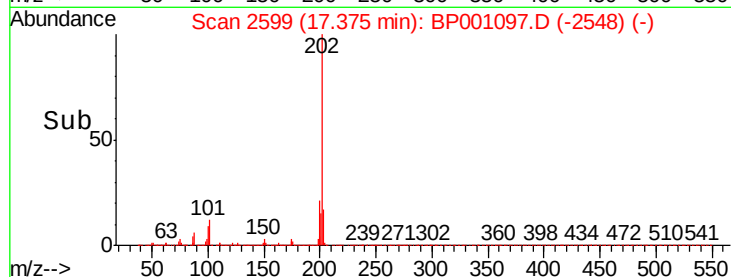
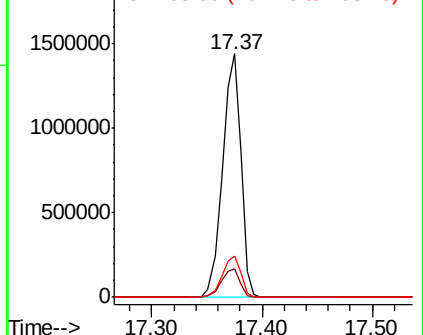


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.27 min Scan# 2922

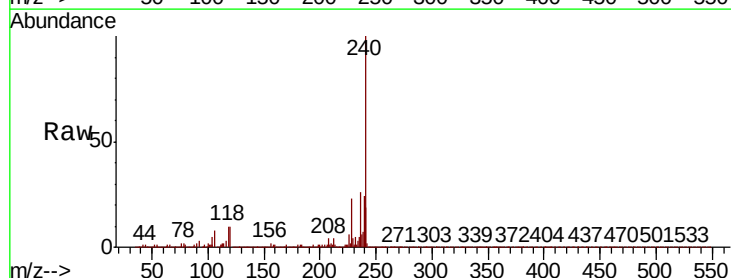
Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Tgt Ion:240 Resp: 492977

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.2	20.4	30.6

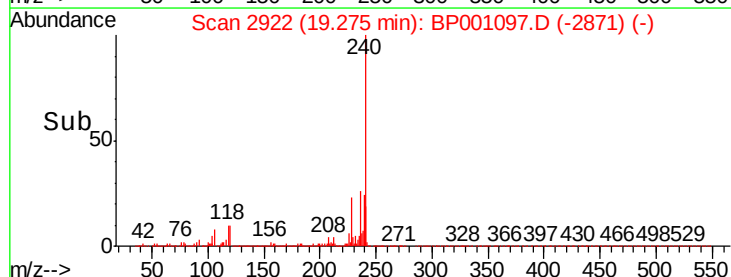
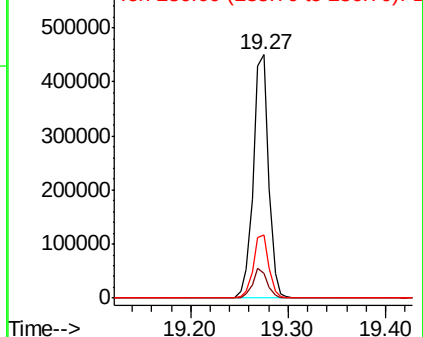


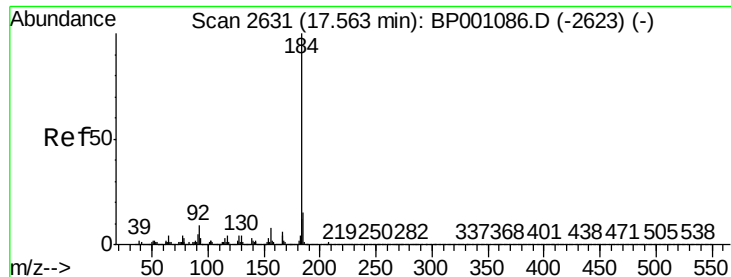
Abundance

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: 2.489 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

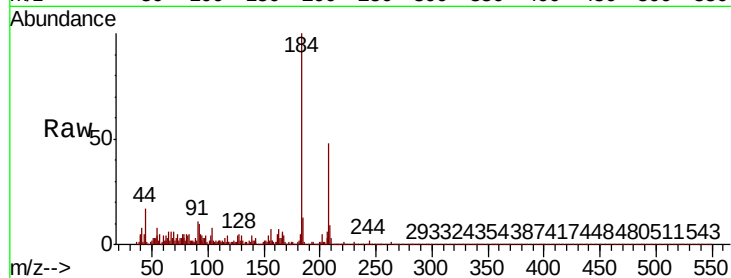
Tot Ion:184 Resp: 31684

Ion Ratio Lower Upper

184 100

185 13.3 12.2 18.4

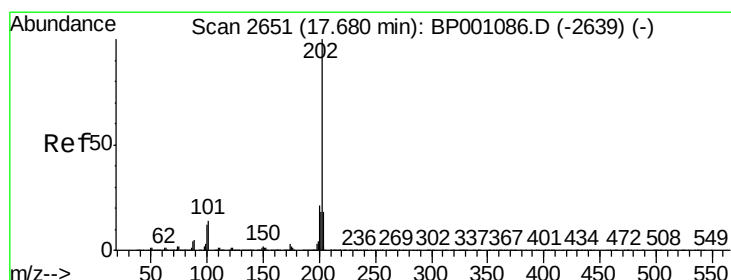
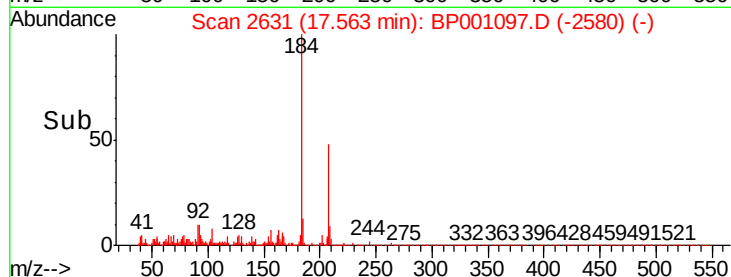
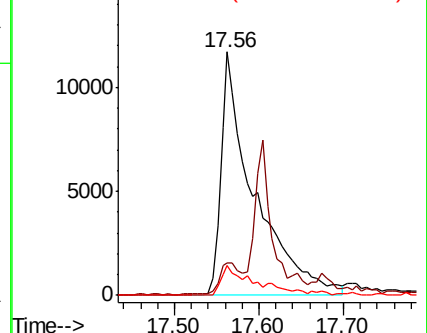
183 12.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.141 ng

RT: 17.68 min Scan# 2651

Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

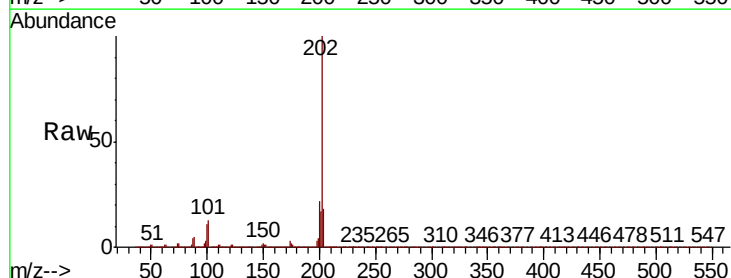
Tgt Ion:202 Resp: 1675060

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

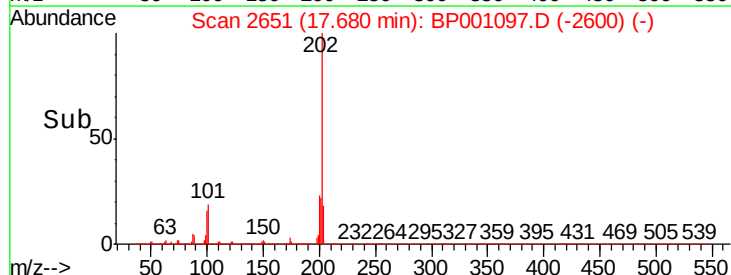
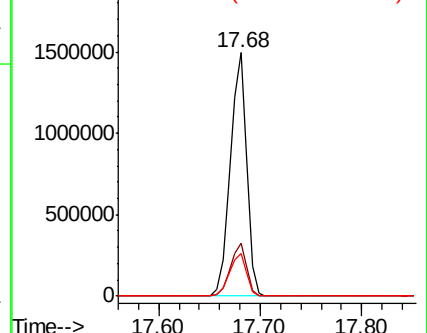
203 17.6 14.1 21.1

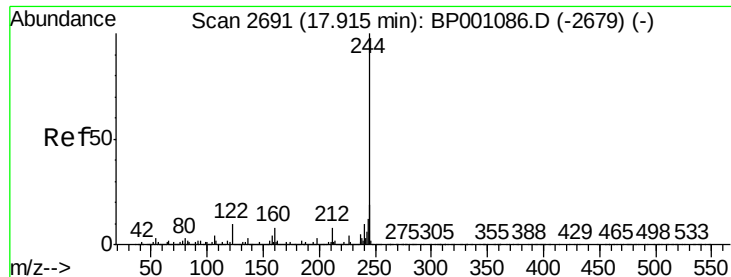


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.520 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

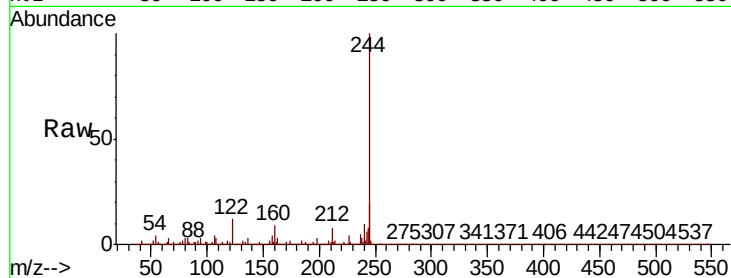
Tot Ion:244 Resp: 2332061

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

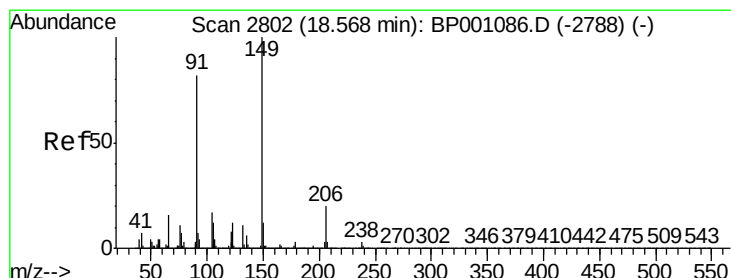
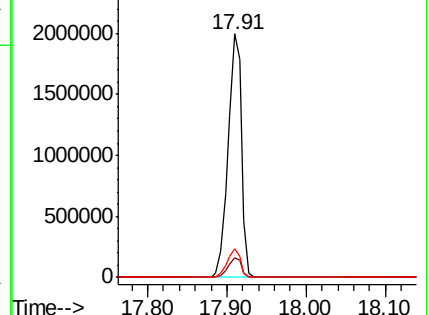
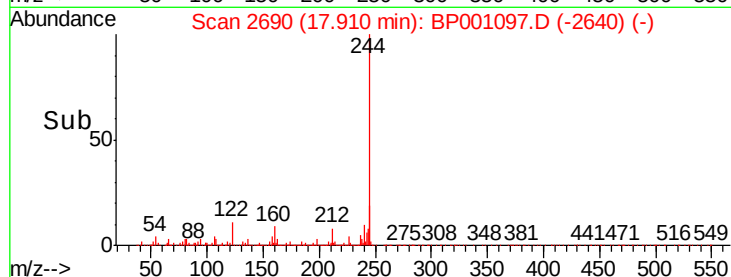
122 11.5 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.880 ng

RT: 18.56 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

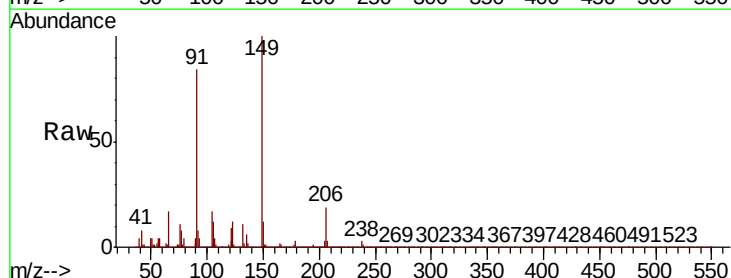
Tgt Ion:149 Resp: 822815

Ion Ratio Lower Upper

149 100

91 84.3 65.4 98.2

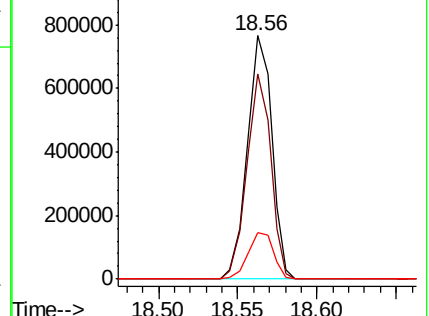
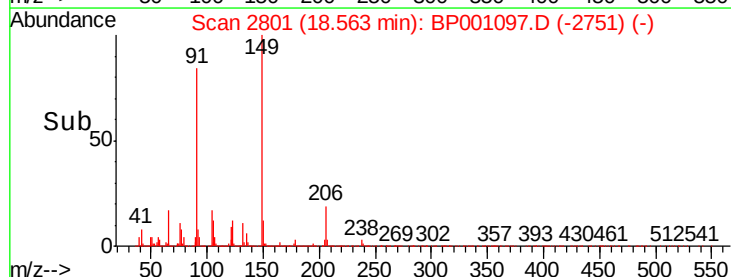
206 19.4 16.0 24.0

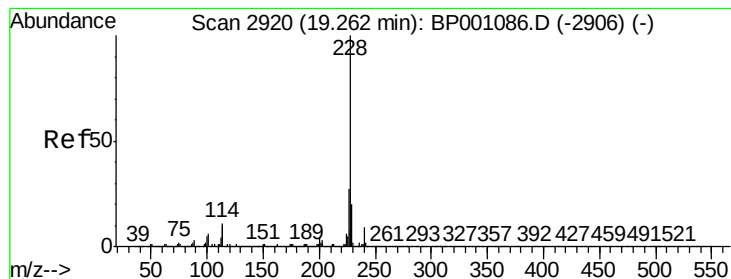


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.898 ng

RT: 19.26 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

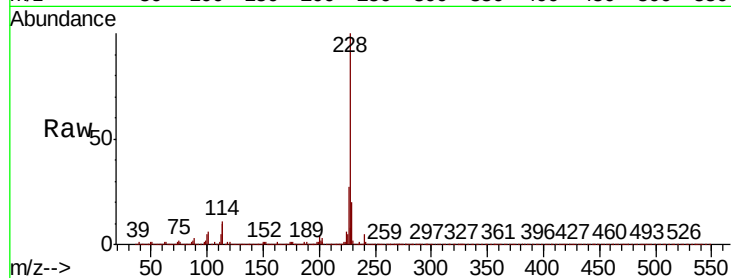
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1500437

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.8	15.8	23.6

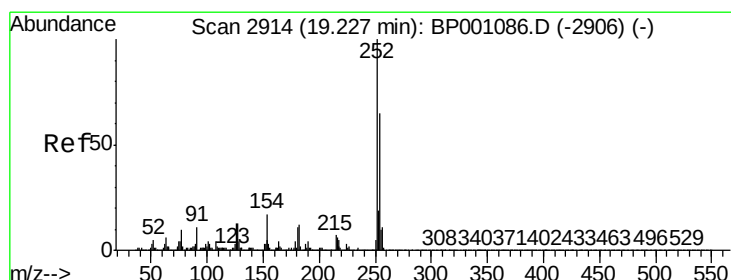
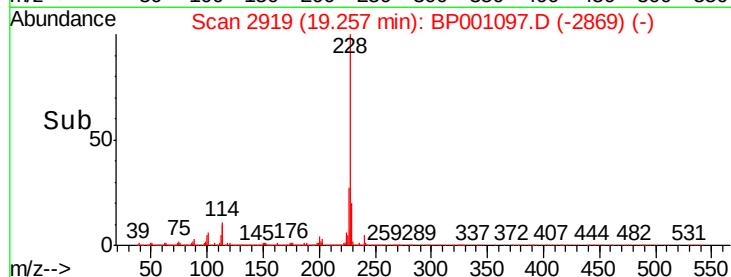
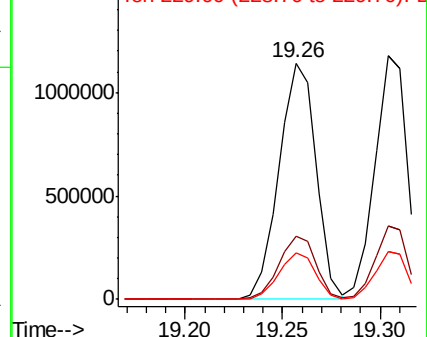


Abundance

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: 3.365 ng

RT: 19.22 min Scan# 2913

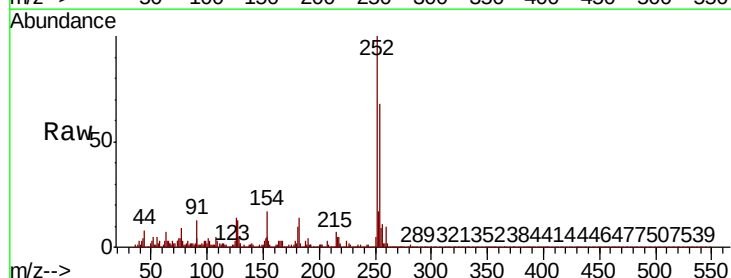
Delta R.T. -0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Tgt Ion:252 Resp: 37997

Ion	Ratio	Lower	Upper
252	100		
254	67.5	51.7	77.5
126	13.6	10.2	15.4

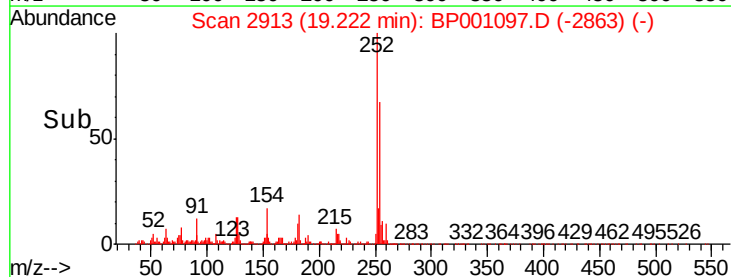
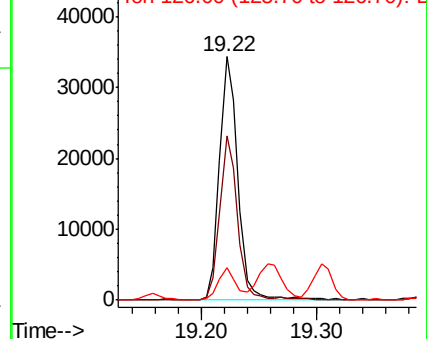


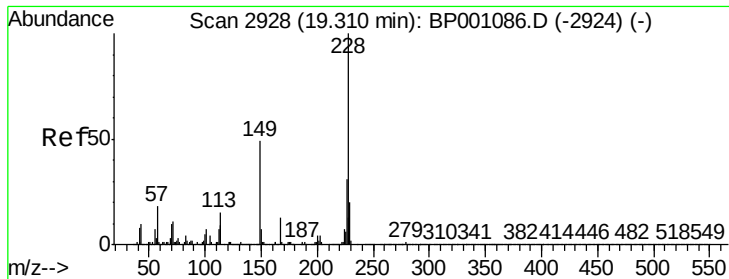
Abundance

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



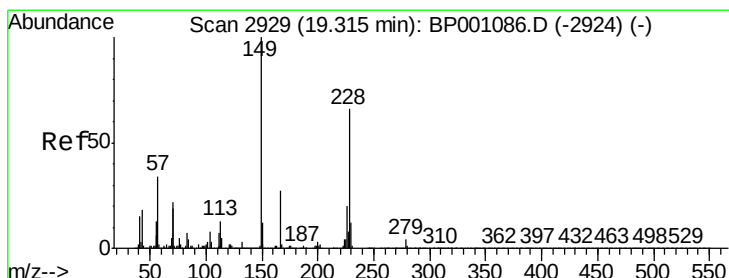
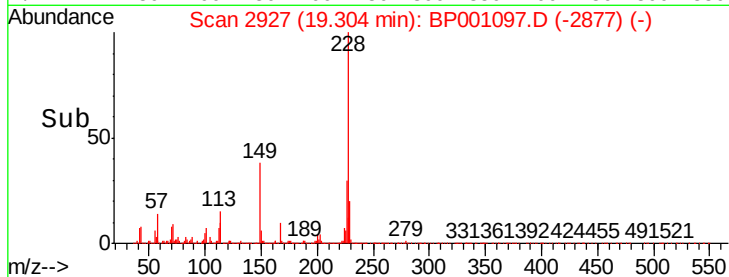
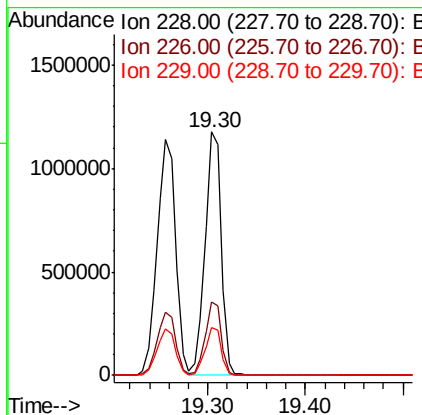
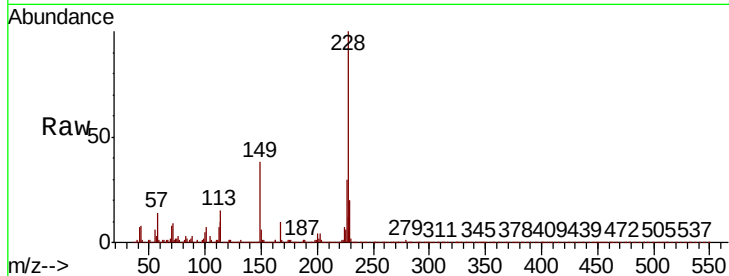


#83
 Chrysene
 Concen: 44.342 ng
 RT: 19.30 min Scan# 2927
 Delta R.T. -0.01 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 1357176

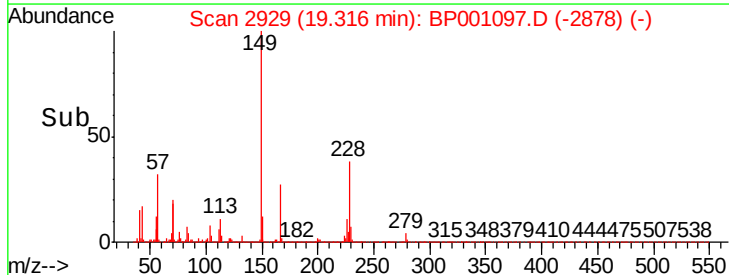
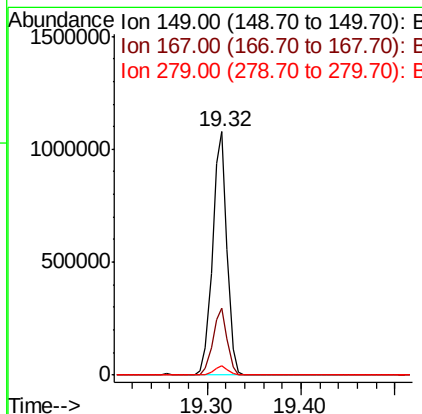
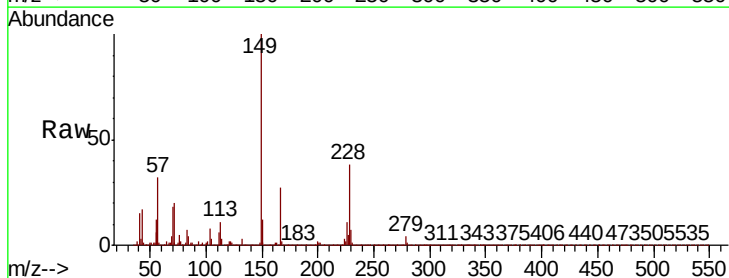
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.6	15.7	23.5

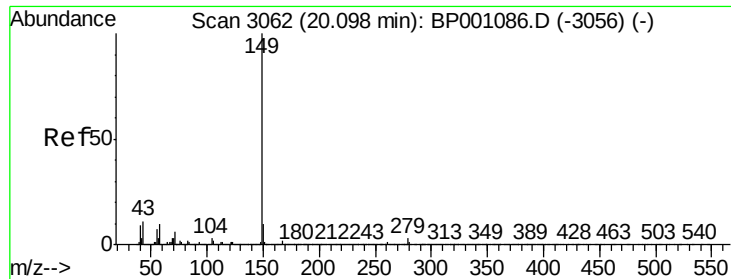


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.178 ng
 RT: 19.32 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: BP001097.D
 Acq: 27 Nov 2019 23:37

Tgt Ion:149 Resp: 1163265

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.8	2.8	4.2

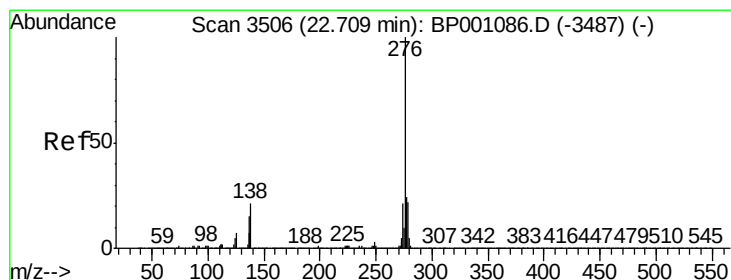
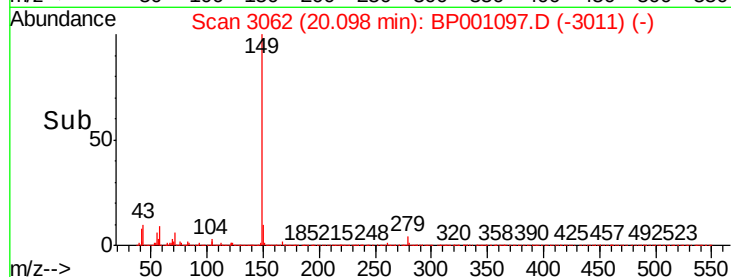
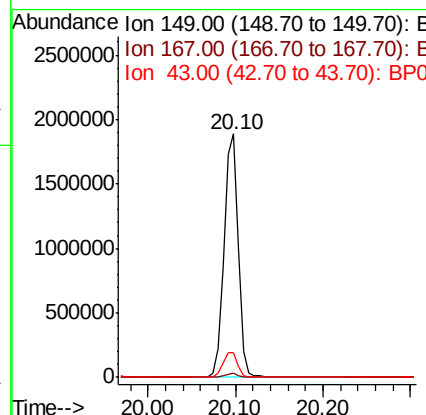
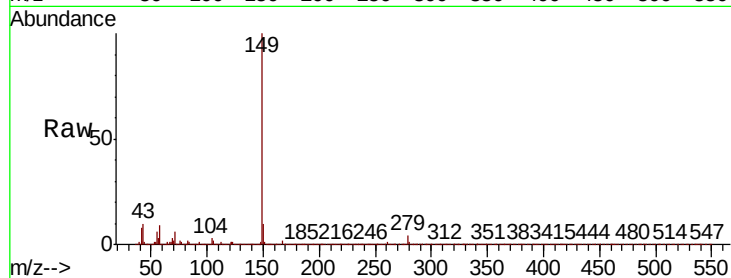




#85
Di-n-octyl phthalate
Concen: 48.507 ng
RT: 20.10 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

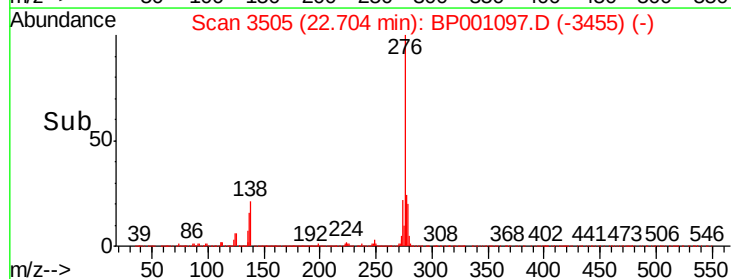
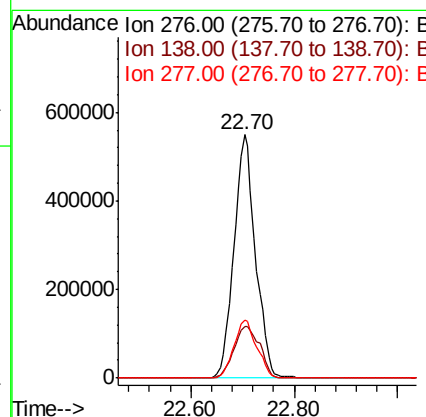
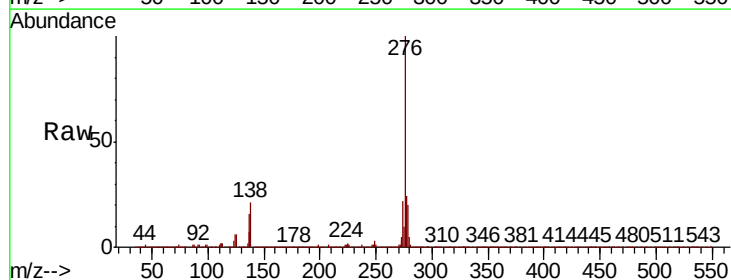
Instrument :
BNA_P
ClientSampled :

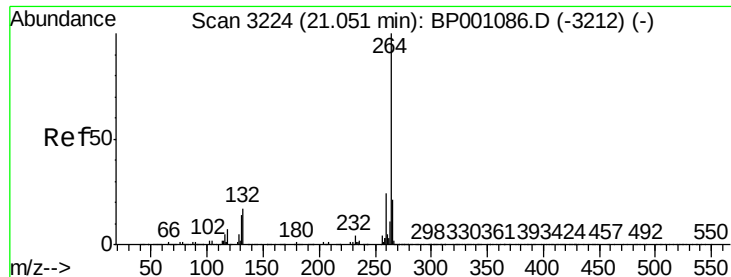
Tot Ion:149 Resp: 2124654
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 8.5 12.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.119 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:276 Resp: 1591432
Ion Ratio Lower Upper
276 100
138 25.9 20.6 30.8
277 25.3 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP001097.D

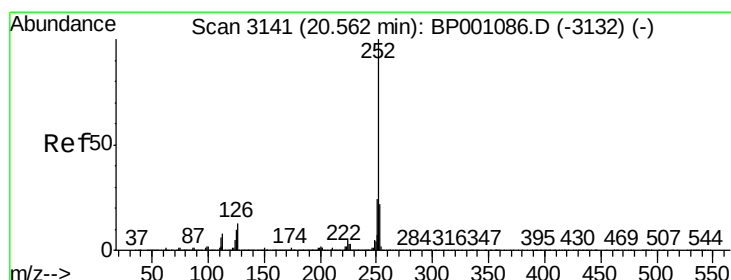
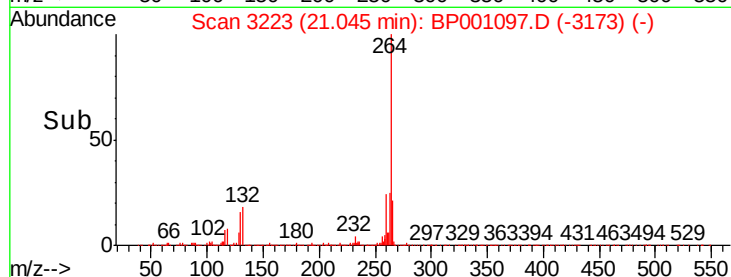
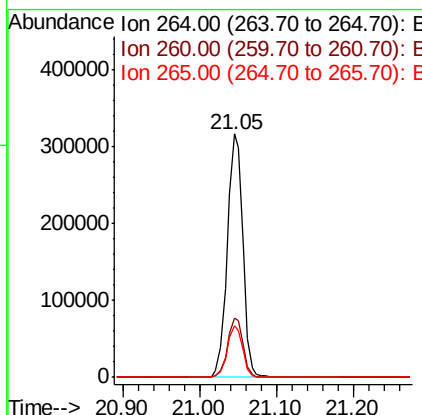
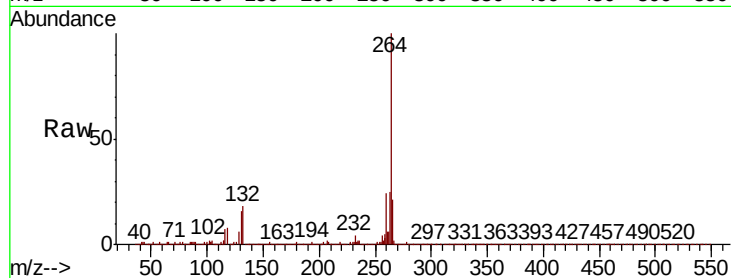
Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	264	Resp:	443885
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.0	16.9	25.3



#88

Benzo(b)fluoranthene

Concen: 51.966 ng

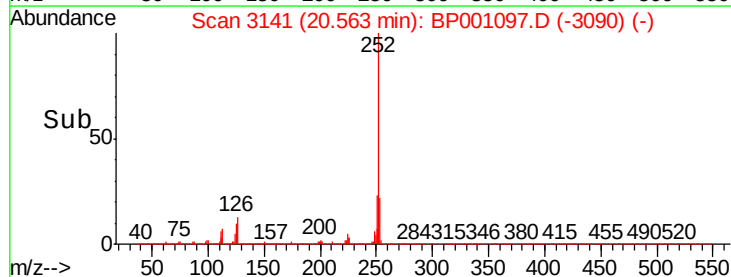
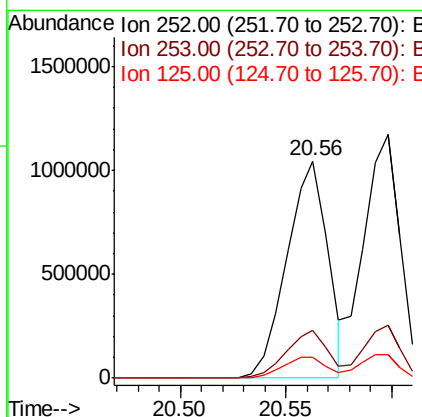
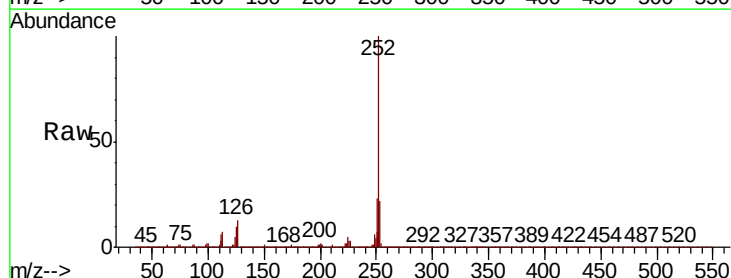
RT: 20.56 min Scan# 3141

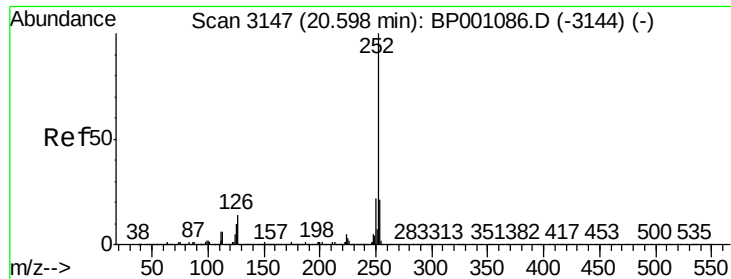
Delta R.T. 0.00 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Tgt Ion:	252	Resp:	1408927
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	9.6	8.1	12.1

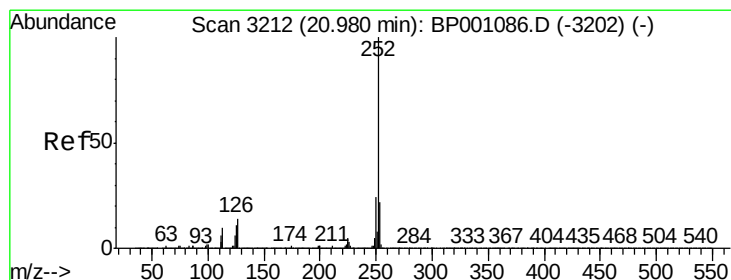
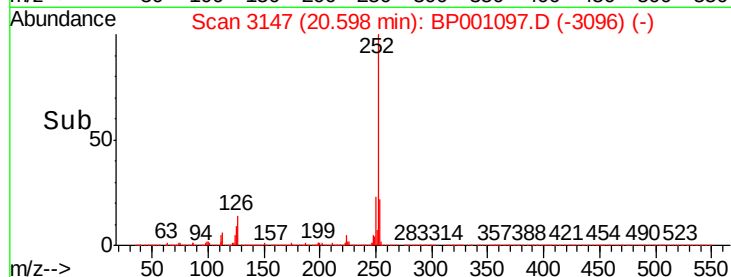
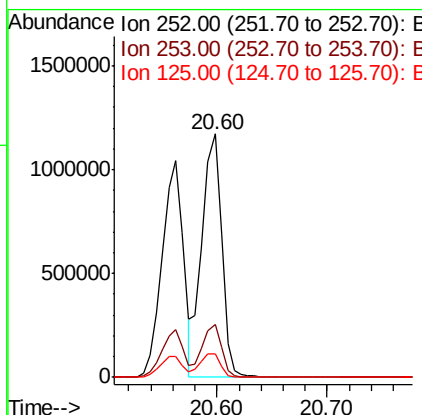
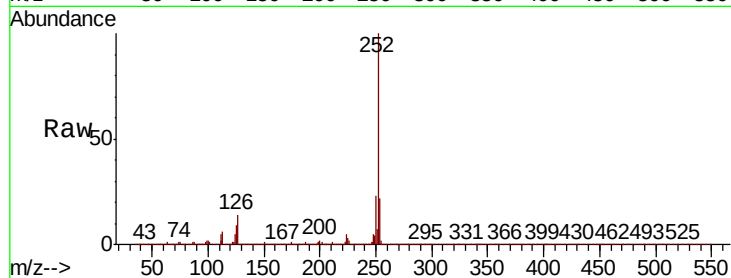




#89
Benzo(k)fluoranthene
Concen: 54.665 ng
RT: 20.60 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

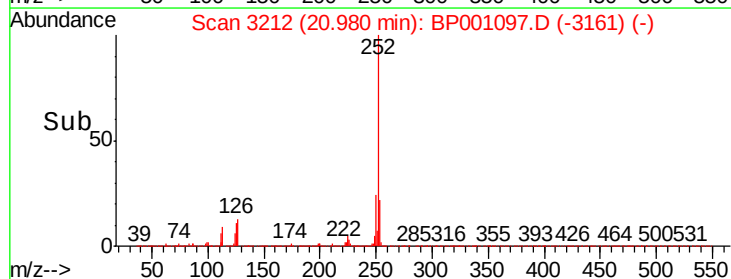
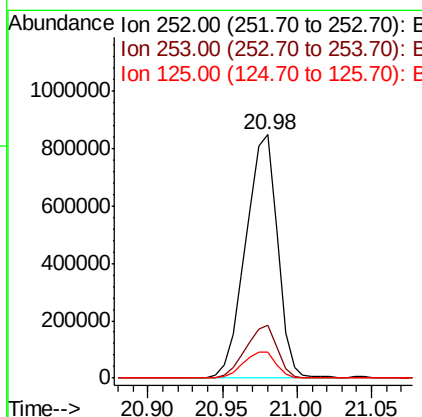
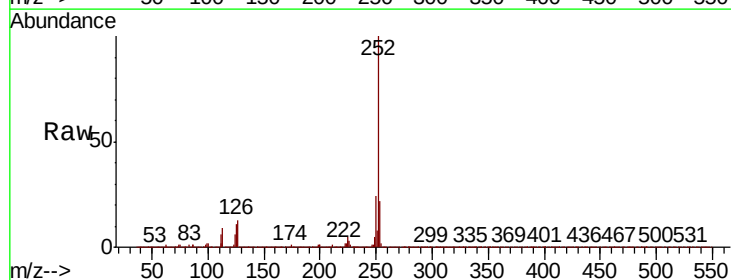
Instrument :
BNA_P
ClientSampleId :

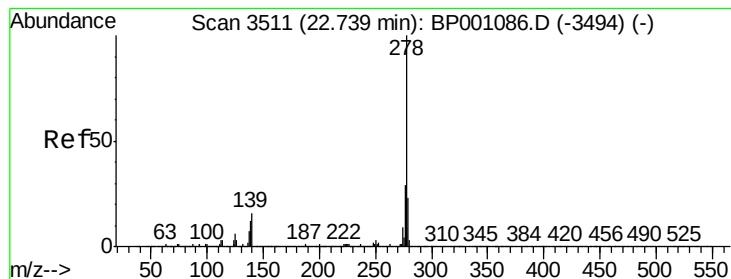
Tot Ion:252 Resp: 1427475
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.5 8.2 12.2



#90
Benzo(a)pyrene
Concen: 50.113 ng
RT: 20.98 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BP001097.D
Acq: 27 Nov 2019 23:37

Tgt Ion:252 Resp: 1251485
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 55.851 ng

RT: 22.73 min Scan# 3510

Delta R.T. -0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

Instrument :

BNA_P

ClientSampleId :

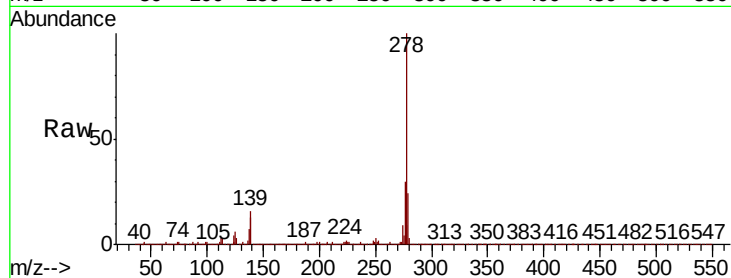
Tot Ion:278 Resp: 1364943

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.0	19.4
279	23.5	18.7	28.1

278 100

139 16.0 13.0 19.4

279 23.5 18.7 28.1

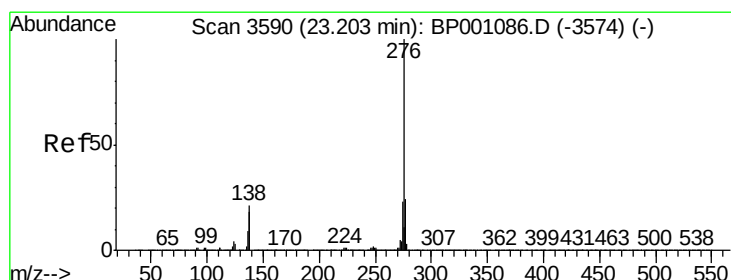
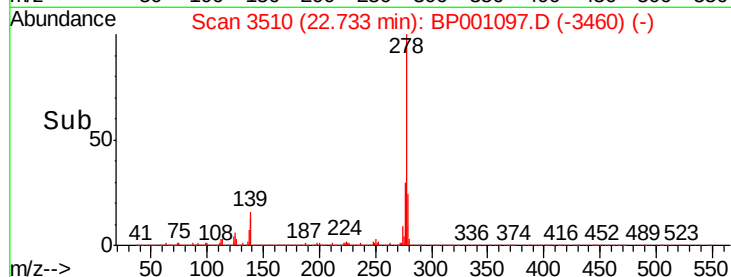
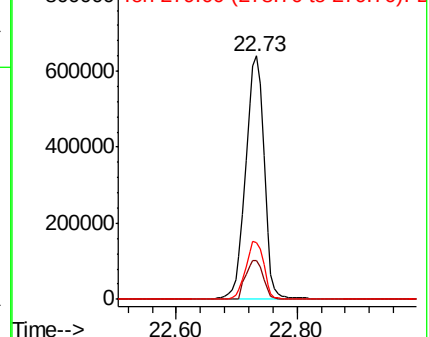


Abundance

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: 54.727 ng

RT: 23.20 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BP001097.D

Acq: 27 Nov 2019 23:37

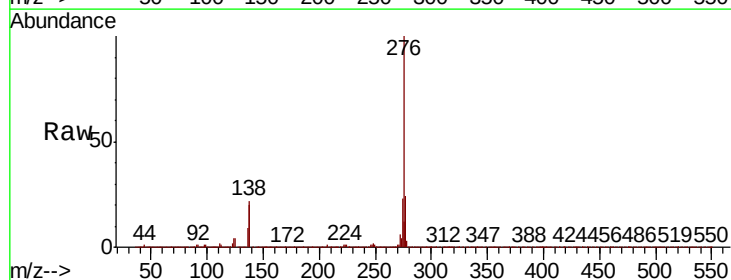
Tgt Ion:276 Resp: 1320681

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.2	17.2	25.8

276 100

277 23.9 19.2 28.8

138 22.2 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

