

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001087.D
 Acq On : 27 Nov 2019 15:29
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 27 16:17:33 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 15:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	203392	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	764574	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	413734	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	749768	20.00	ng	0.00
76) Chrysene-d12	19.28	240	508323	20.00	ng	0.00
87) Perylene-d12	21.05	264	558456	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	1225462	109.67	ng	0.00
7) Phenol-d6	7.78	99	1646127	116.49	ng	0.01
23) Nitrobenzene-d5	9.22	82	1767482	127.88	ng	0.01
42) 2,4,6-Tribromophenol	14.53	330	392316	79.43	ng	0.01
45) 2-Fluorobiphenyl	12.15	172	2820004	102.66	ng	0.00
79) Terphenyl-d14	17.92	244	2716641	106.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	286020	58.870	ng	99
3) Pyridine	3.41	79	807522	62.865	ng	99
4) n-Nitrosodimethylamine	3.34	42	352119	78.652	ng	96
6) Aniline	7.81	93	1078248	58.427	ng	91
8) 2-Chlorophenol	7.99	128	641261	54.117	ng	98
9) Benzaldehyde	7.63	77	483126	49.002	ng	100
10) Phenol	7.80	94	921669	59.633	ng	94
11) bis(2-Chloroethyl)ether	7.94	93	735557	61.134	ng	99
12) 1,3-Dichlorobenzene	8.24	146	755314	50.807	ng	99
13) 1,4-Dichlorobenzene	8.36	146	759376	50.712	ng	99
14) 1,2-Dichlorobenzene	8.60	146	712895	51.480	ng	99
15) Benzyl Alcohol	8.56	79	682641	63.395	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	1181031	93.989	ng	98
17) 2-Methylphenol	8.75	107	585007	58.149	ng	98
18) Hexachloroethane	9.14	117	319167	58.027	ng	98
19) n-Nitroso-di-n-propylamine	9.01	70	589036	69.422	ng	99
20) 3+4-Methylphenols	9.00	107	731098	58.576	ng	94
22) Acetophenone	8.99	105	1114817	56.458	ng	# 99
24) Nitrobenzene	9.25	77	876095	63.169	ng	98
25) Isophorone	9.65	82	1563389	61.452	ng	98
26) 2-Nitrophenol	9.76	139	332925	64.237	ng	98
27) 2,4-Dimethylphenol	9.85	122	509991	52.548	ng	99
28) bis(2-Chloroethoxy)methane	10.01	93	987788	59.384	ng	99
29) 2,4-Dichlorophenol	10.15	162	581475	49.638	ng	100
30) 1,2,4-Trichlorobenzene	10.29	180	674424	46.865	ng	99
31) Naphthalene	10.40	128	1931252	50.557	ng	100
32) Benzoic acid	10.05	122	419557	79.861	ng	97
33) 4-Chloroaniline	10.50	127	828431	50.573	ng	99
34) Hexachlorobutadiene	10.63	225	427361	44.948	ng	99
35) Caprolactam	11.10	113	190933	51.640	ng	93
36) 4-Chloro-3-methylphenol	11.31	107	679978	55.901	ng	97
37) 2-Methylnaphthalene	11.53	142	1310727	49.023	ng	99
38) 1-Methylnaphthalene	11.69	142	1234352	48.859	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	662401	48.083	ng	100

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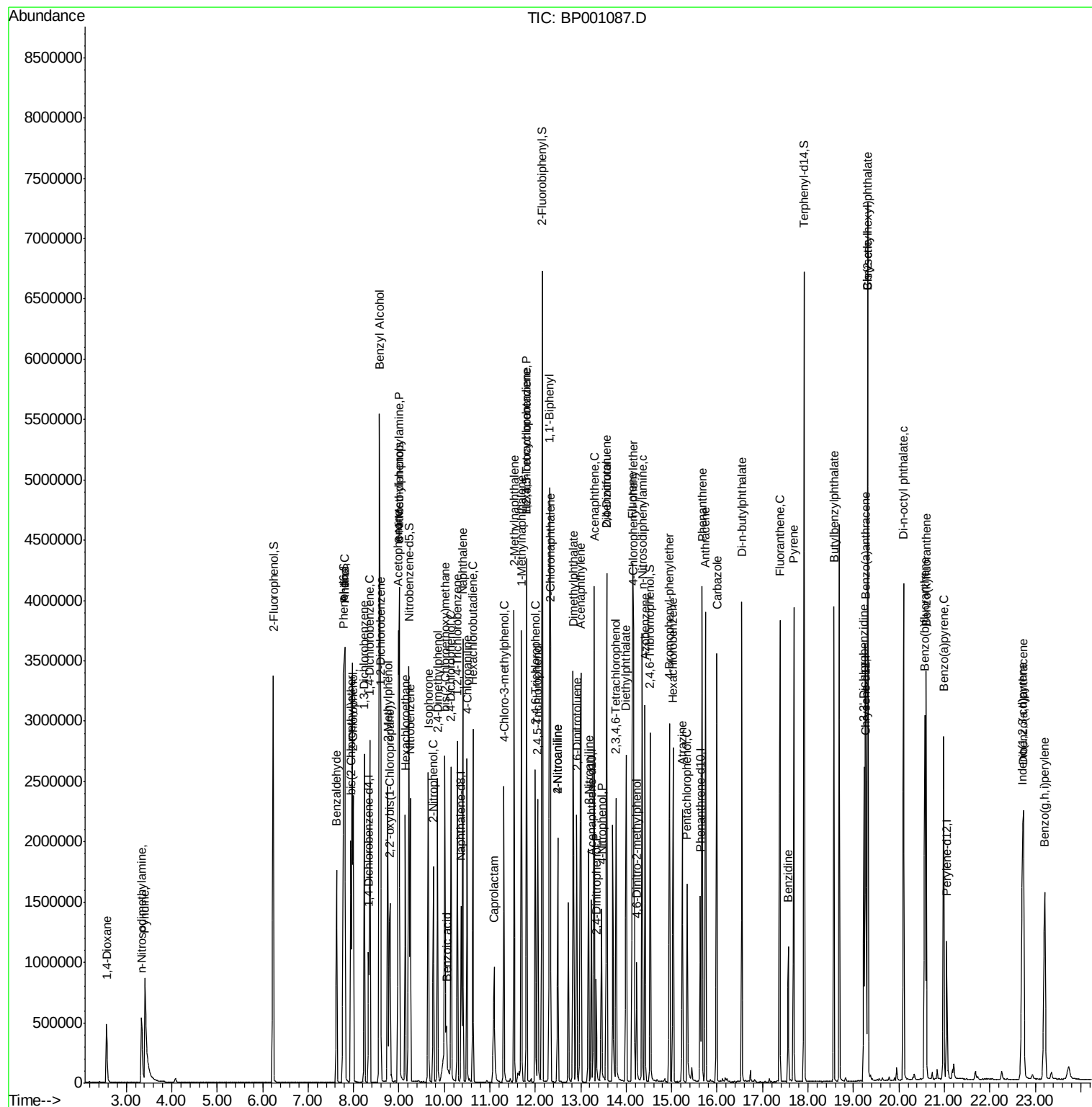
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	324254	46.984	ng	99
43) 2,4,6-Trichlorophenol	12.00	196	437916	52.721	ng	99
44) 2,4,5-Trichlorophenol	12.05	196	455057	51.241	ng	96
46) 1,1'-Biphenyl	12.31	154	1613629	52.161	ng	100
47) 2-Chloronaphthalene	12.33	162	1291451	51.857	ng	99
48) 2-Nitroaniline	12.49	65	503697	77.271	ng	99
49) Acenaphthylene	13.00	152	1926991	50.897	ng	100
50) Dimethylphthalate	12.83	163	1528985	49.978	ng	100
51) 2,6-Dinitrotoluene	12.91	165	330748	51.829	ng	96
52) Acenaphthene	13.29	154	1146515	50.631	ng	100
53) 3-Nitroaniline	13.17	138	367884	52.853	ng	100
54) 2,4-Dinitrophenol	13.35	184	122674	77.980	ng	100
55) Dibenzofuran	13.57	168	1709965	48.346	ng	99
56) 4-Nitrophenol	13.46	139	259639	53.641	ng	92
57) 2,4-Dinitrotoluene	13.56	165	411887	51.386	ng	91
58) Fluorene	14.14	166	1358785	48.272	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	364167	48.228	ng	99
60) Diethylphthalate	14.00	149	1560335	50.776	ng	100
61) 4-Chlorophenyl-phenylether	14.16	204	697229	46.846	ng	99
62) 4-Nitroaniline	12.50	138	439892	58.943	ng	99
63) Azobenzene	14.42	77	1705983	63.431	ng	100
65) 4,6-Dinitro-2-methylphenol	14.23	198	159717	75.503	ng	93
66) n-Nitrosodiphenylamine	14.35	169	1162061	53.906	ng	100
67) 4-Bromophenyl-phenylether	14.95	248	416619	47.202	ng	94
68) Hexachlorobenzene	15.03	284	448796	43.877	ng	98
69) Atrazine	15.24	200	333288	42.461	ng	99
70) Pentachlorophenol	15.35	266	245213	53.857	ng	97
71) Phenanthrene	15.67	178	1951981	50.867	ng	99
72) Anthracene	15.75	178	1926635	51.467	ng	100
73) Carbazole	15.99	167	1724961	50.260	ng	100
74) Di-n-butylphthalate	16.55	149	2350850	56.755	ng	99
75) Fluoranthene	17.38	202	1982867	45.715	ng	98
77) Benzidine	17.56	184	451673	24.129	ng	99
78) Pyrene	17.69	202	2004979	55.812	ng	100
80) Butylbenzylphthalate	18.57	149	954285	67.088	ng	99
81) Benzo(a)anthracene	19.26	228	1759015	51.380	ng	99
82) 3,3'-Dichlorobenzidine	19.23	252	589539	47.230	ng	99
83) Chrysene	19.31	228	1565736	52.093	ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1320136	72.993	ng	98
85) Di-n-octyl phthalate	20.10	149	2388232	73.351	ng	99
86) Indeno(1,2,3-cd)pyrene	22.72	276	1877695	45.658	ng	99
88) Benzo(b)fluoranthene	20.57	252	1761701	52.922	ng	99
89) Benzo(k)fluoranthene	20.60	252	1584279	50.558	ng	99
90) Benzo(a)pyrene	20.99	252	1566000	51.160	ng	99
91) Dibenzo(a,h)anthracene	22.74	278	1538053	49.231	ng	99
92) Benzo(g,h,i)perylene	23.21	276	1529714	48.628	ng	99

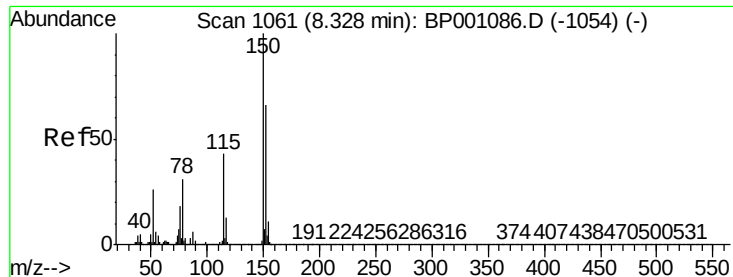
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

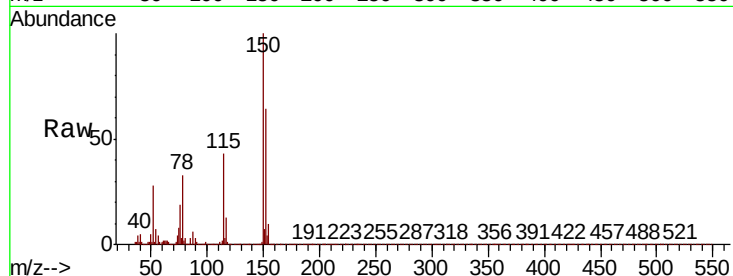
Tot Ion:152 Resp: 203392

Ion Ratio Lower Upper

152 100

150 156.5 120.6 181.0

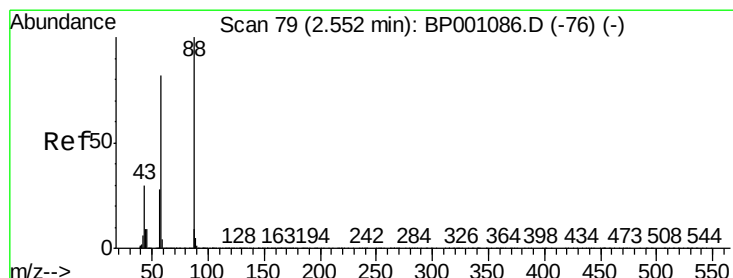
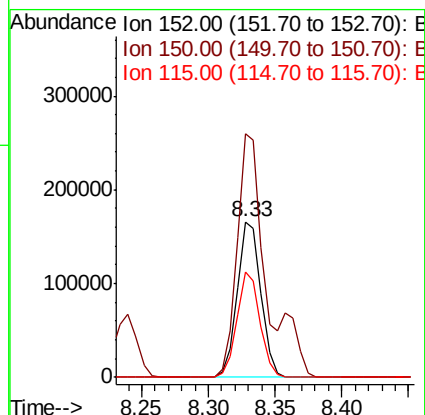
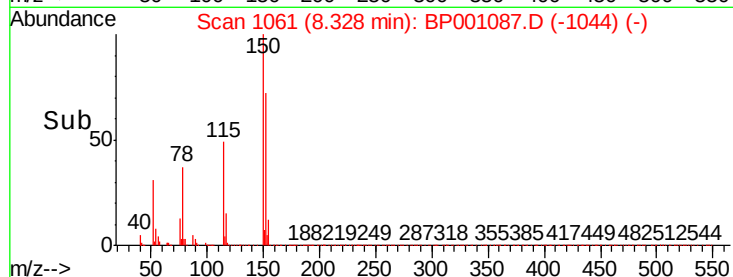
115 68.0 51.6 77.4



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: 58.870 ng

RT: 2.56 min Scan# 81

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

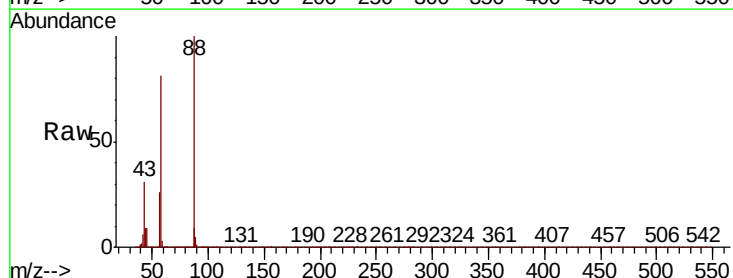
Tgt Ion: 88 Resp: 286020

Ion Ratio Lower Upper

88 100

58 81.0 64.3 96.5

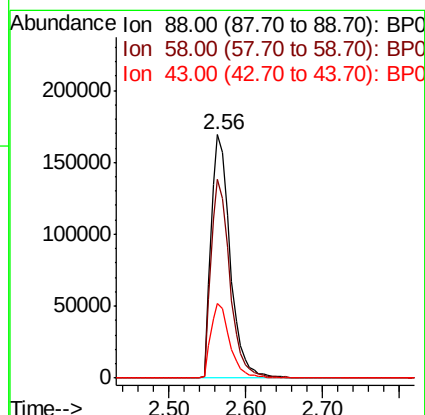
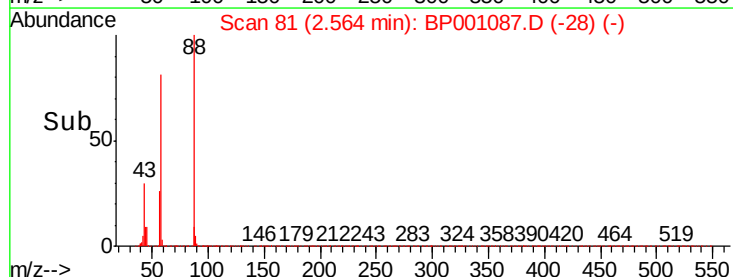
43 30.4 23.8 35.6

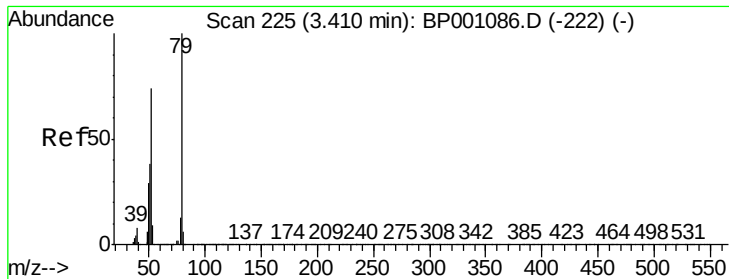


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

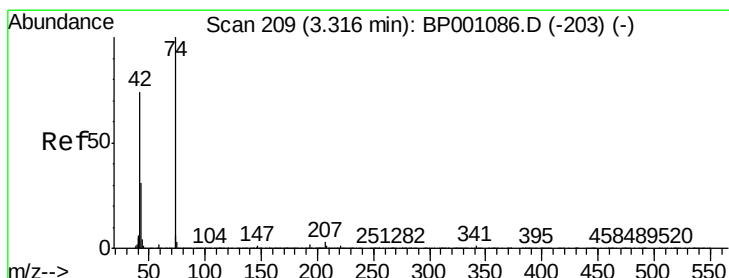
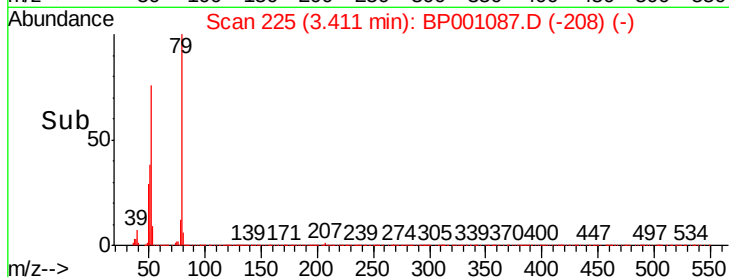
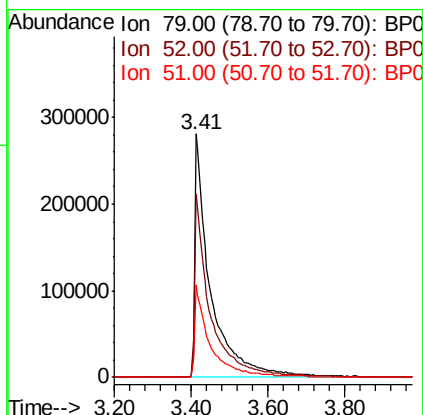
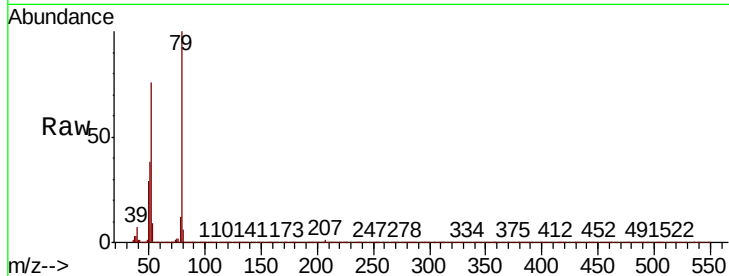




#3
 Pvridine
 Concen: 62.865 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

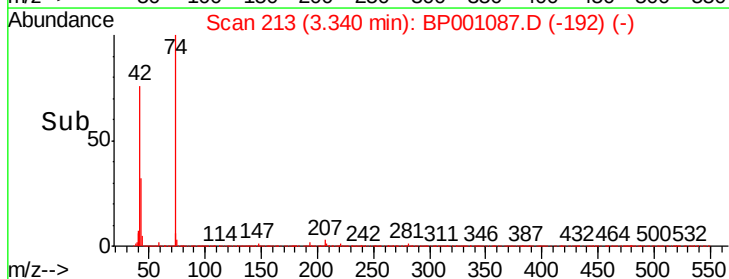
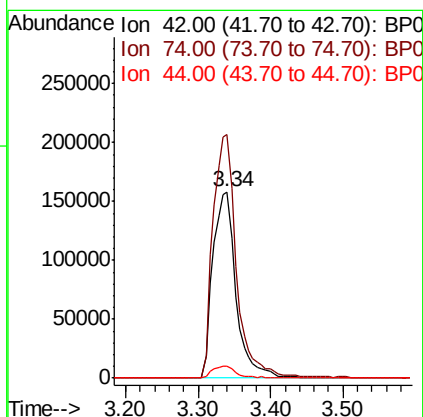
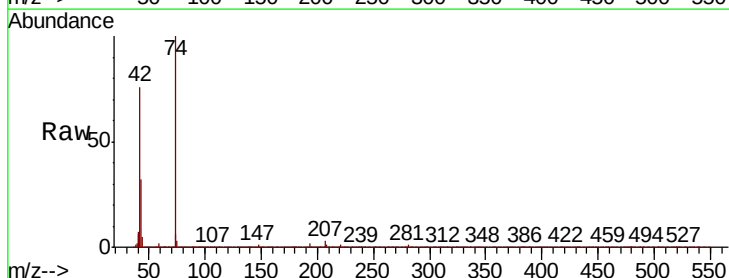
Instrument :
 BNA_P
 ClientSampleId :

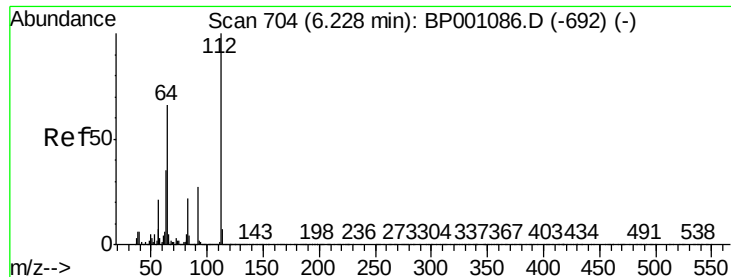
Tot Ion	Ratio	Lower	Upper
79	100		
52	75.5	59.4	89.2
51	37.9	30.2	45.4



#4
 n-Nitrosodimethylamine
 Concen: 78.652 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.02 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.8	108.6	163.0
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 109.668 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampled :

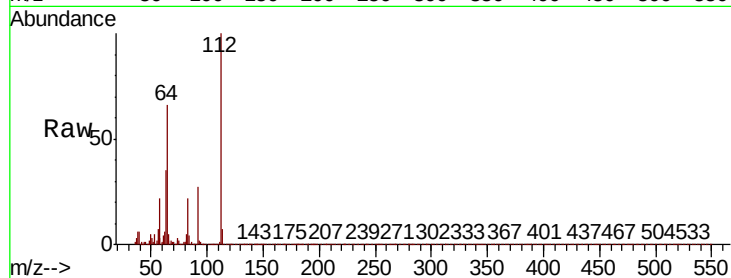
Tot Ion: 112 Resp: 1225462

Ion Ratio Lower Upper

112 100

64 65.9 52.8 79.2

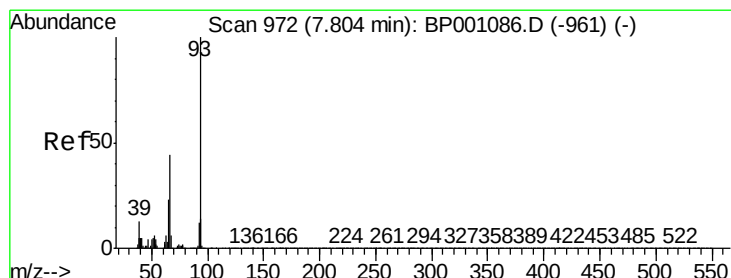
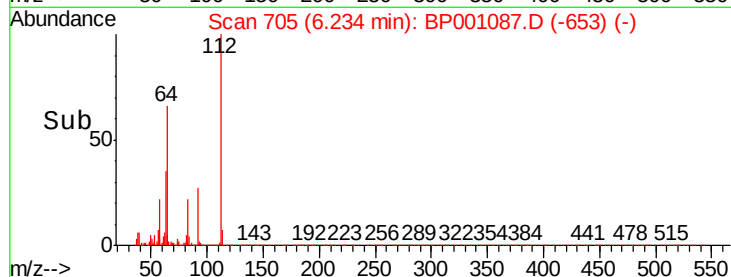
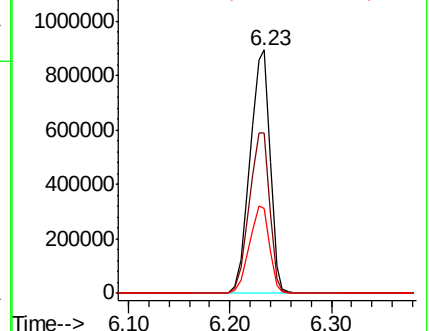
63 35.1 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 58.427 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

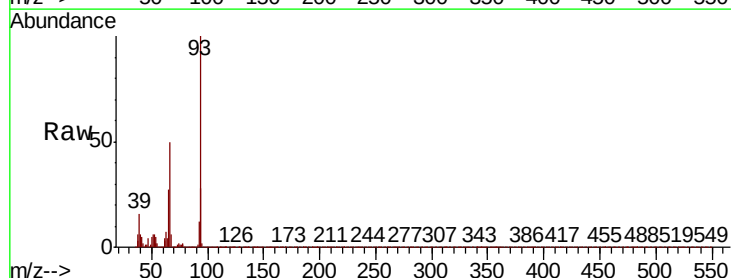
Tgt Ion: 93 Resp: 1078248

Ion Ratio Lower Upper

93 100

66 50.0 34.9 52.3

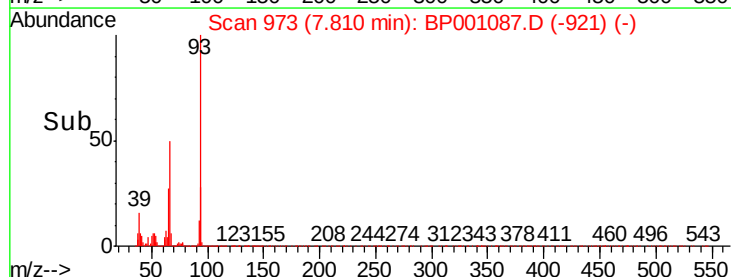
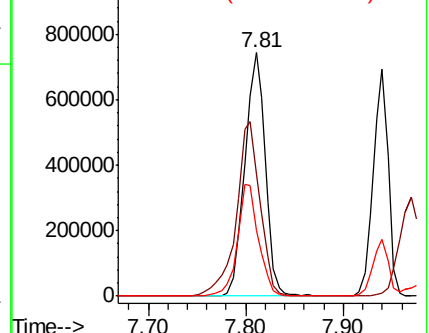
65 27.1 18.5 27.7

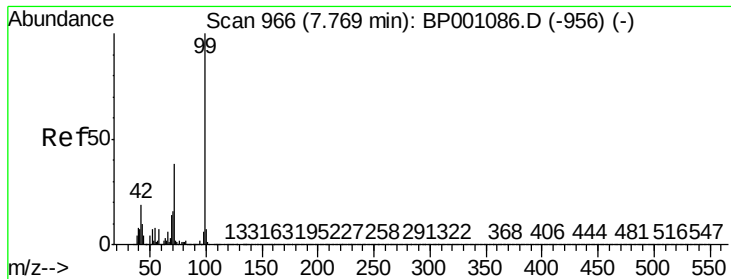


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 116.494 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

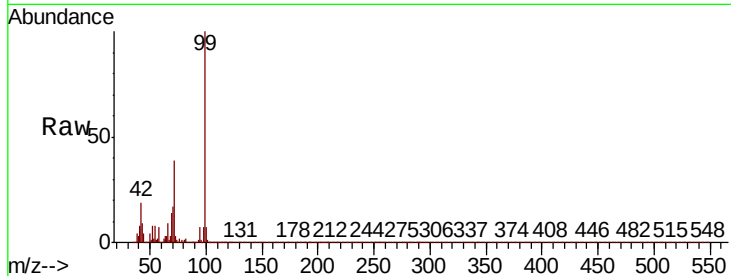
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1646127

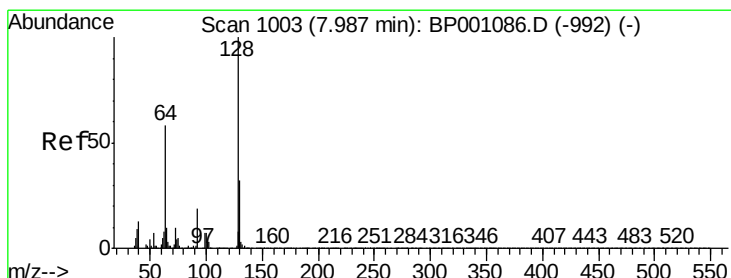
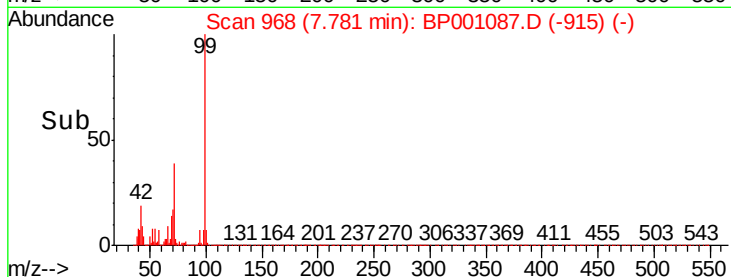
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.0
71	38.8	30.8	46.2



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: 54.117 ng

RT: 7.99 min Scan# 1004

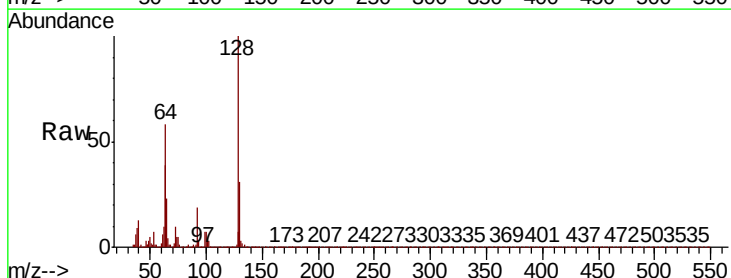
Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Tgt Ion: 128 Resp: 641261

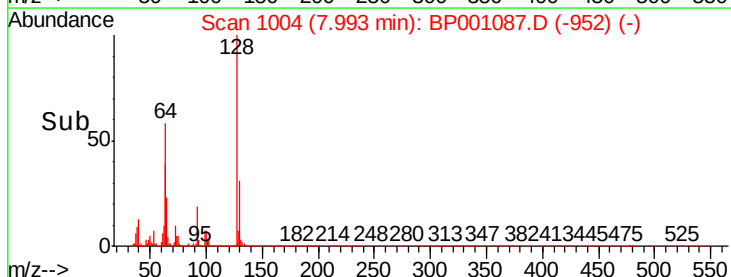
Ion	Ratio	Lower	Upper
128	100		
130	31.2	11.7	51.7
64	58.2	39.7	79.7

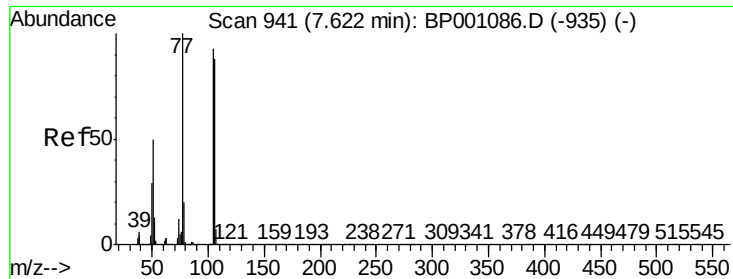


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 49.002 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampled :

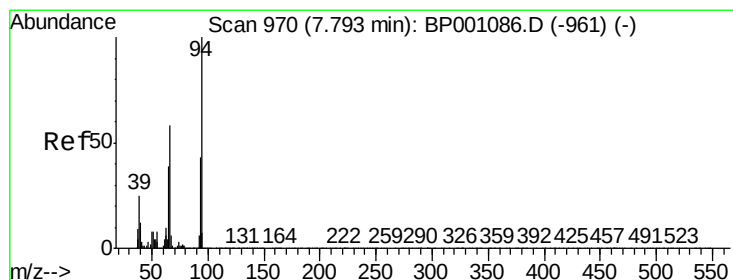
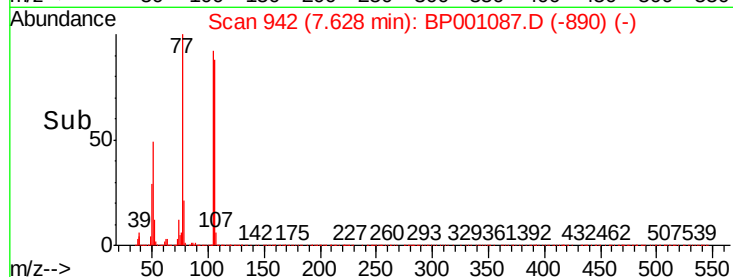
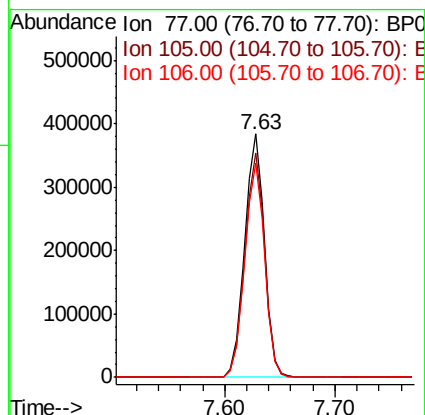
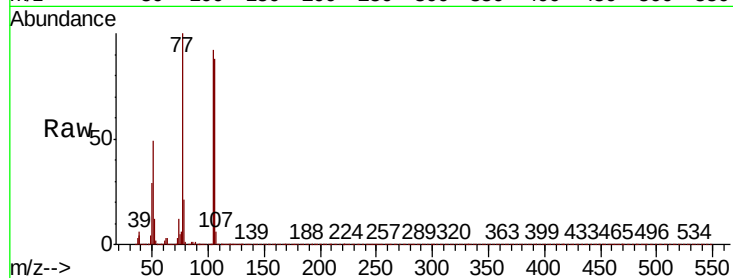
Tot Ion: 77 Resp: 483126

Ion Ratio Lower Upper

77 100

105 92.1 72.5 112.5

106 88.0 67.6 107.6



#10

Phenol

Concen: 59.633 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

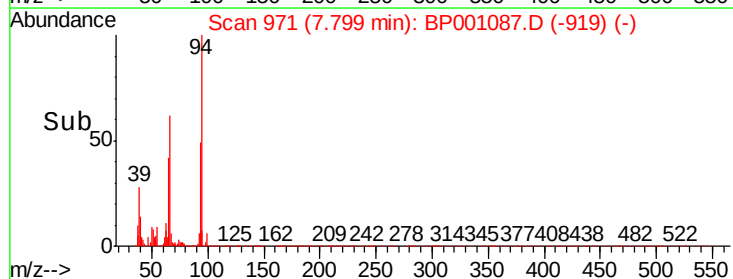
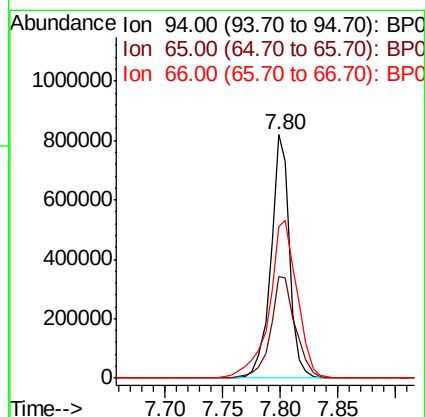
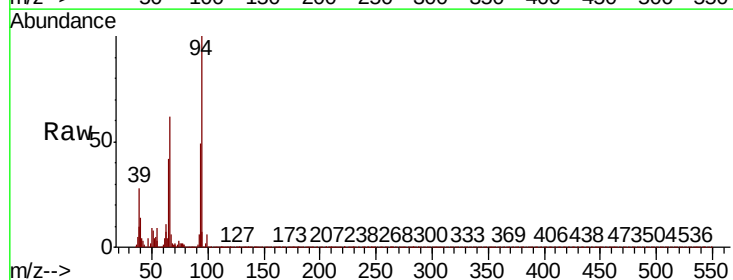
Tgt Ion: 94 Resp: 921669

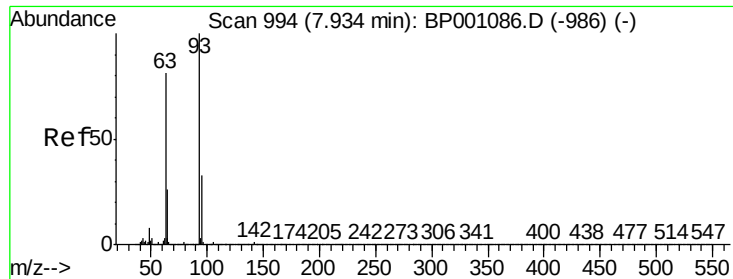
Ion Ratio Lower Upper

94 100

65 41.7 18.6 58.6

66 62.4 37.6 77.6

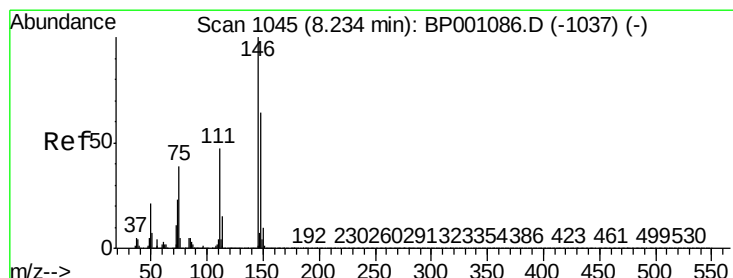
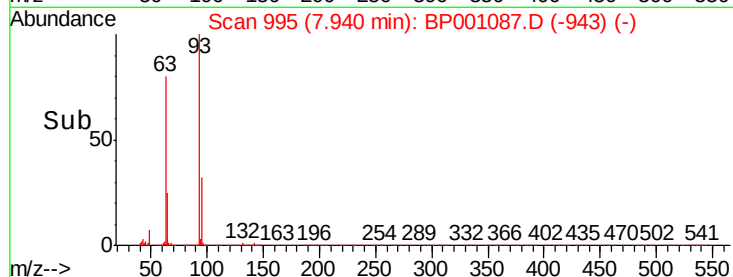
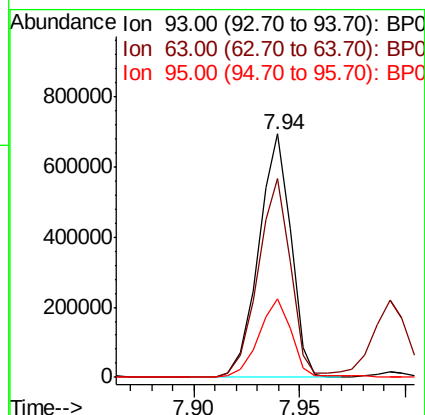
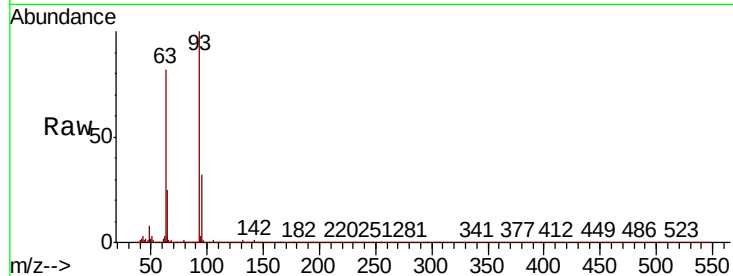




#11
bis(2-Chloroethyl)ether
Concen: 61.134 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

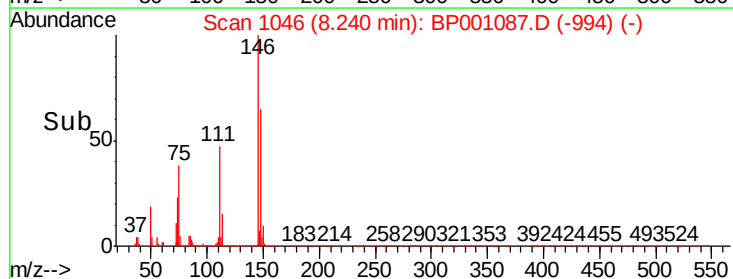
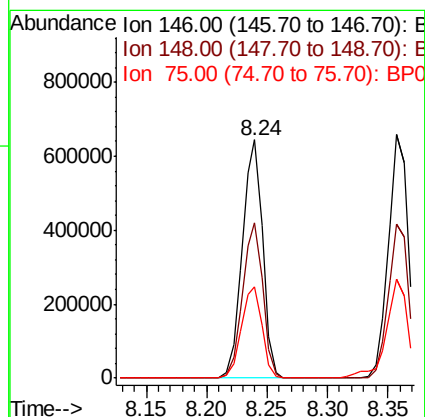
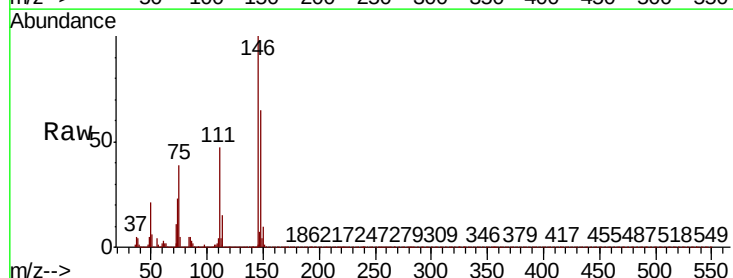
Instrument :
BNA_P
ClientSampleId :

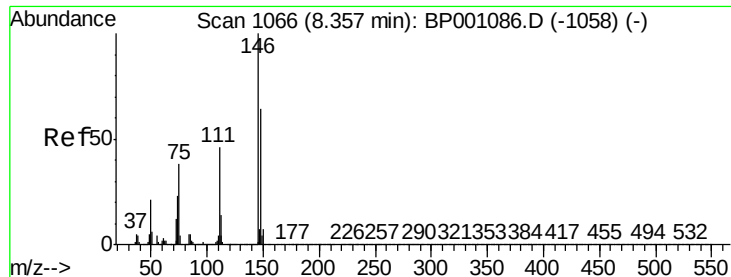
Tot Ion:	93	Resp:	735557
Ion	Ratio	Lower	Upper
93	100		
63	81.7	60.7	100.7
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 50.807 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:	146	Resp:	755314
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
75	38.5	31.3	46.9

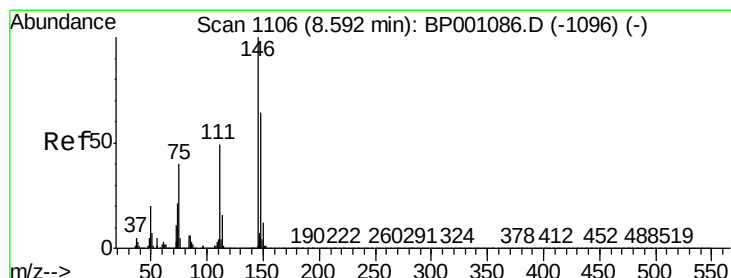
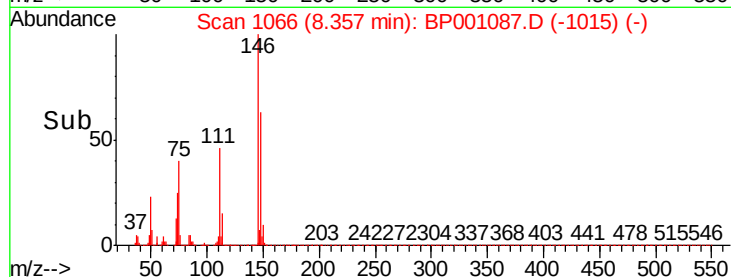
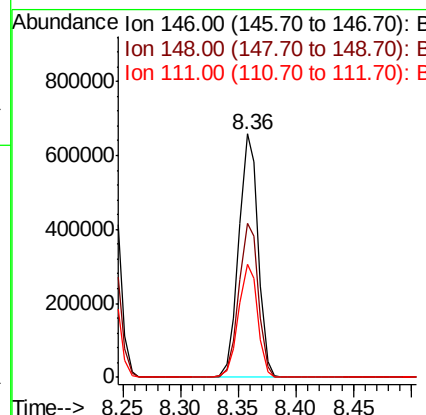
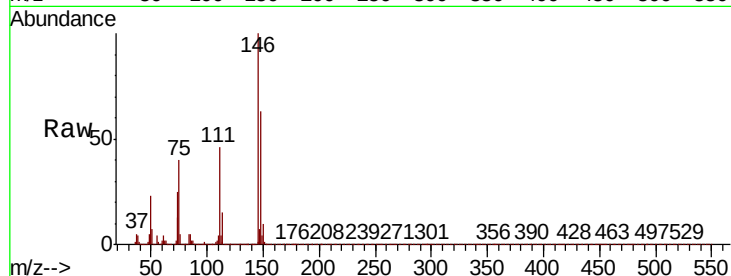




#13
 1,4-Dichlorobenzene
 Concen: 50.712 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

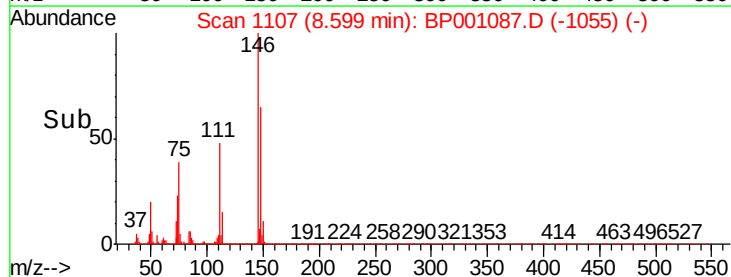
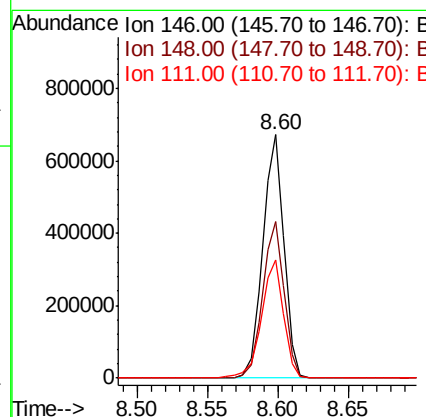
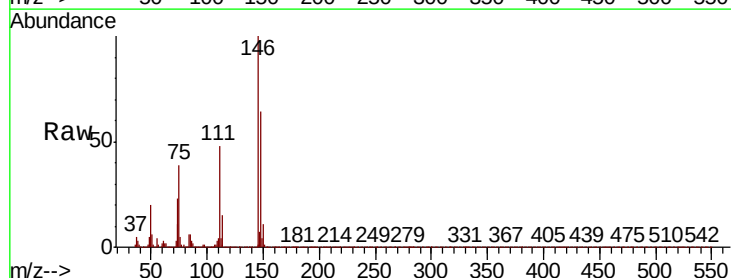
Instrument :
 BNA_P
 ClientSampleId :

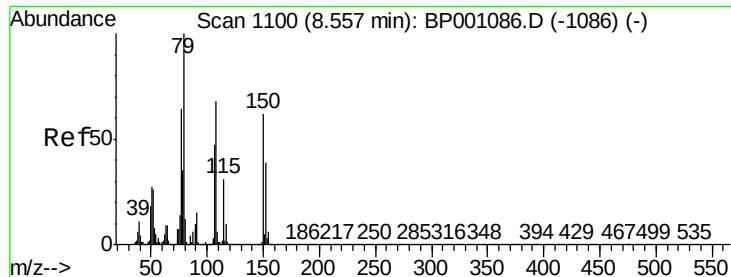
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
111	46.3	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 51.480 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	48.4	39.3	58.9





#15

Benzyl Alcohol

Concen: 63.395 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

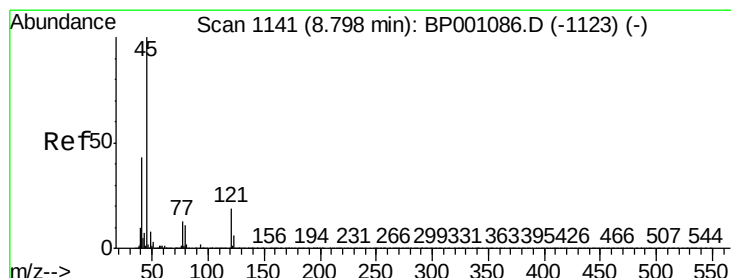
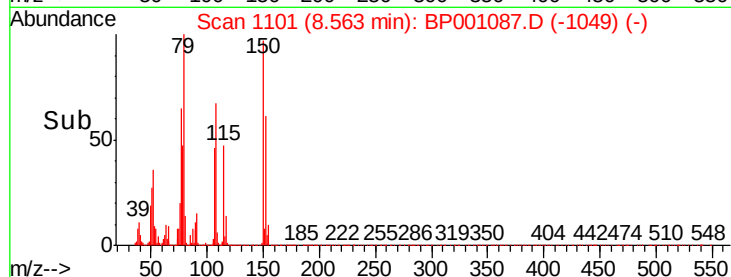
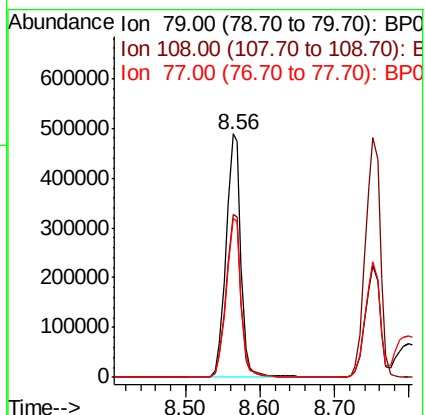
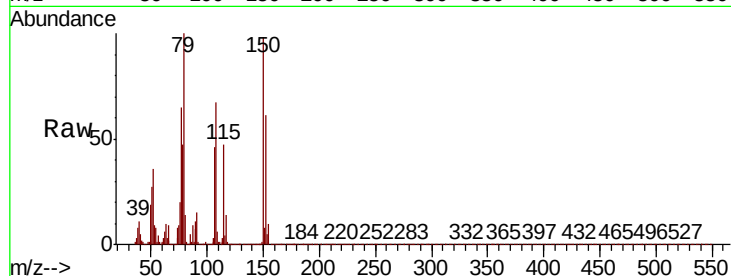
Tot Ion: 79 Resp: 682641

Ion Ratio Lower Upper

79 100

108 67.2 54.8 82.2

77 65.4 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 93.989 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

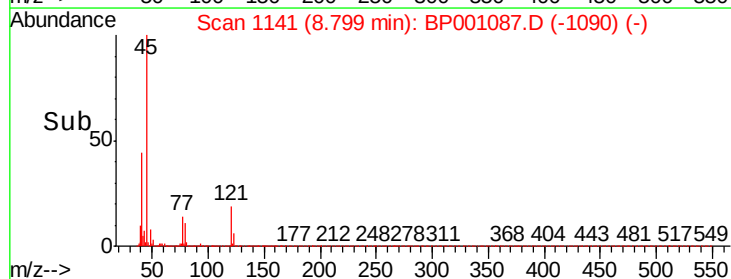
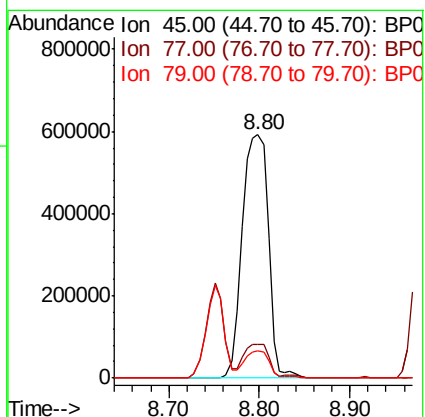
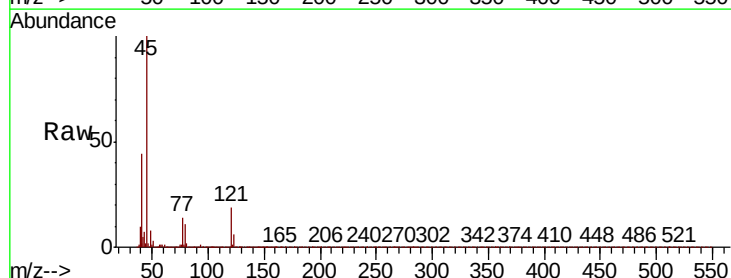
Tgt Ion: 45 Resp: 1181031

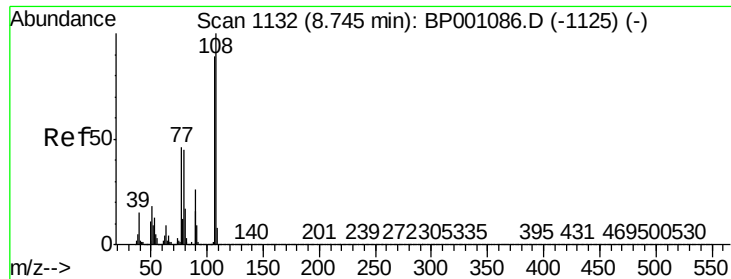
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.3

79 11.3 0.0 30.9

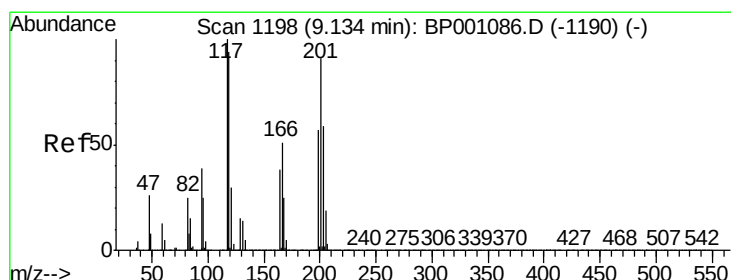
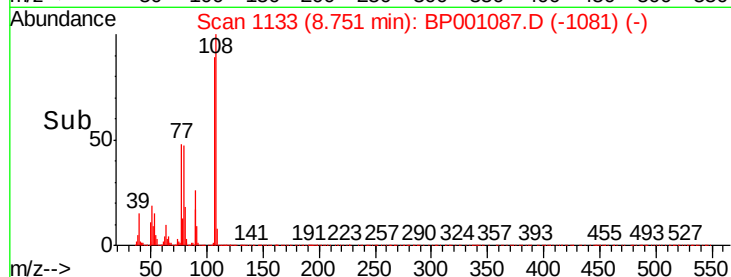
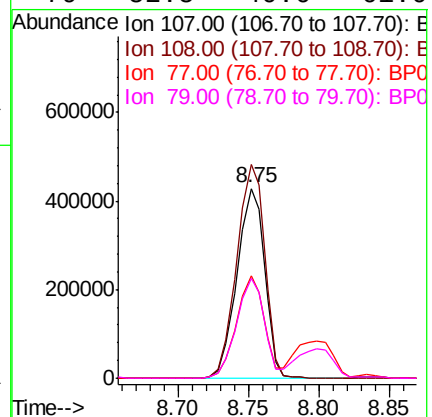
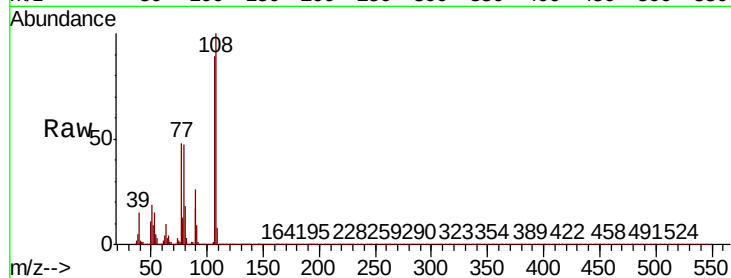




#17
2-Methylphenol
Concen: 58.149 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

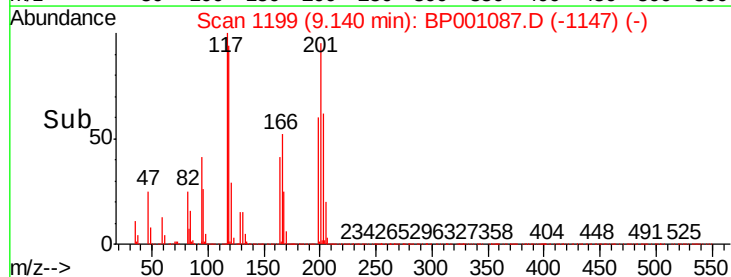
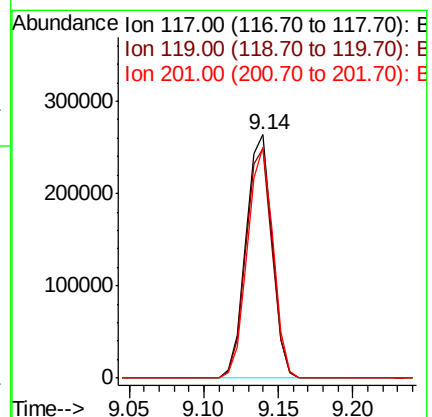
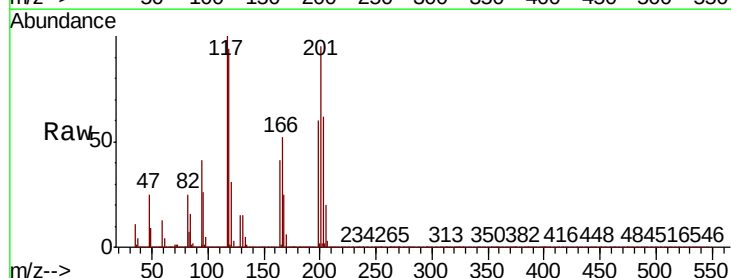
Instrument :
BNA_P
ClientSampled :

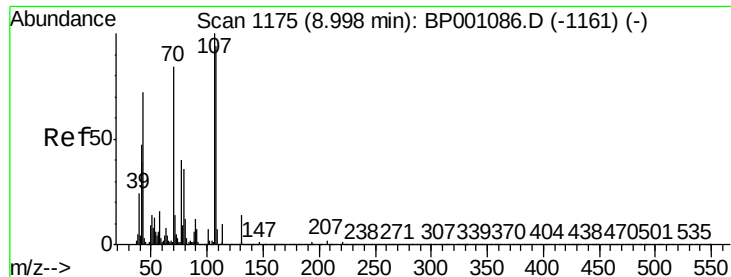
Tot Ion:	107	Resp:	585007
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.8	134.6
77	54.3	41.4	62.2
79	52.5	40.6	61.0



#18
Hexachloroethane
Concen: 58.027 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:	117	Resp:	319167
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.2	112.8
201	95.0	72.5	108.7

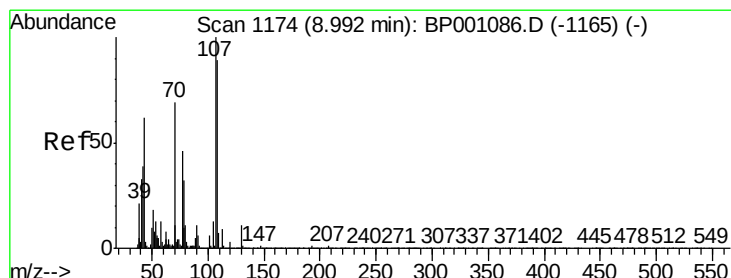
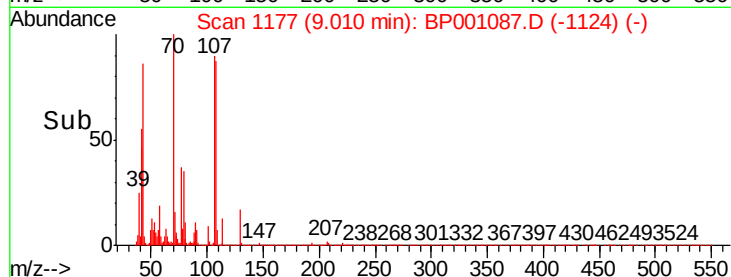
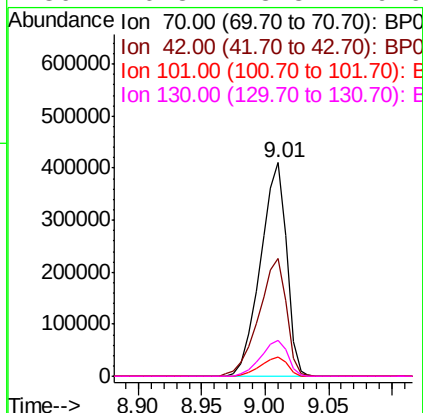
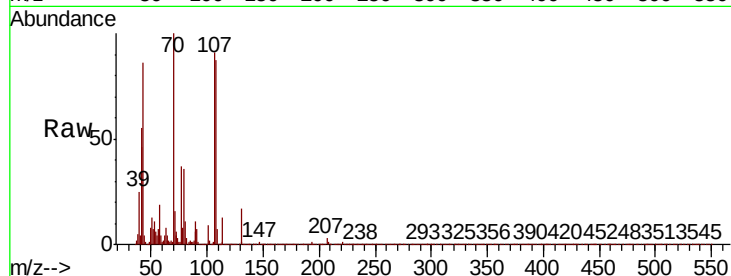




#19
n-Nitroso-di-n-propylamine
Concen: 69.422 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

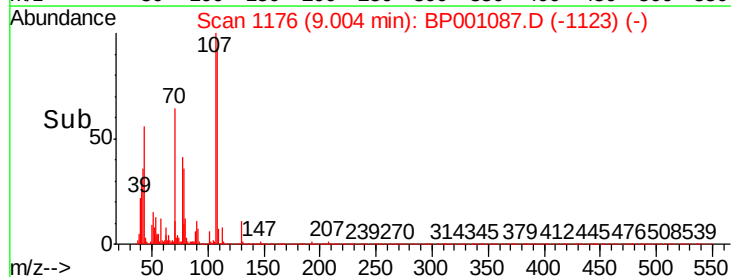
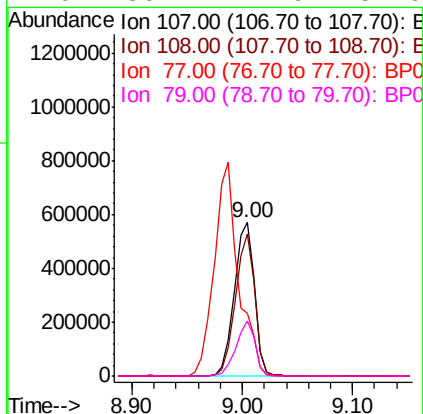
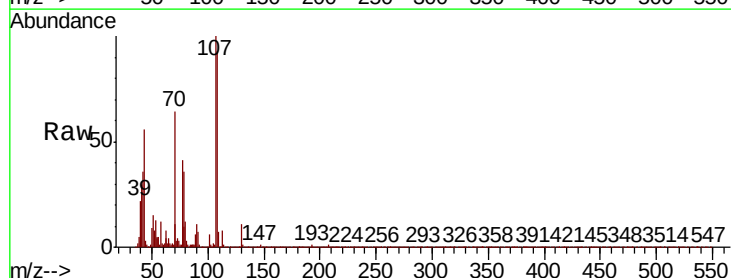
Instrument :
BNA_P
ClientSampleId :

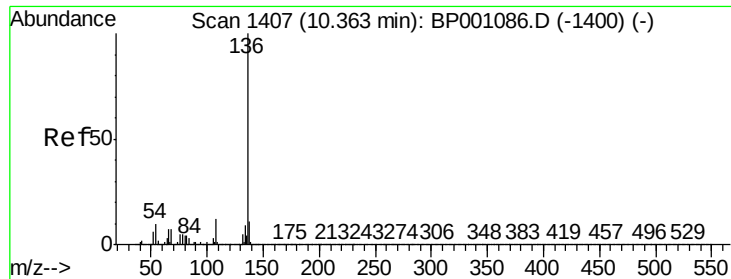
Tot Ion:	70	Resp:	589036
Ion	Ratio	Lower	Upper
70	100		
42	55.4	44.6	66.8
101	9.1	7.1	10.7
130	16.8	13.8	20.6



#20
3+4-Methylphenols
Concen: 58.576 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:	107	Resp:	731098
Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.9	108.9
77	41.0	25.9	65.9
79	36.2	11.9	51.9

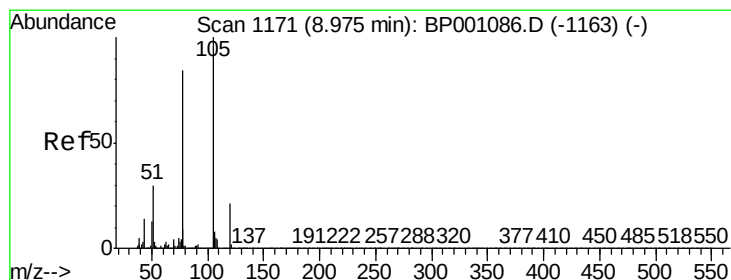
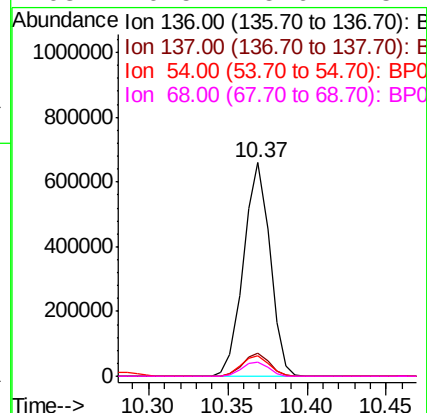
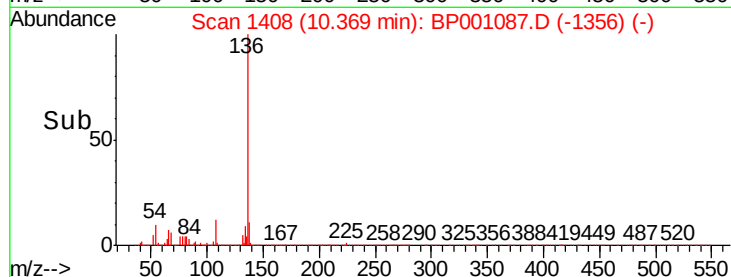
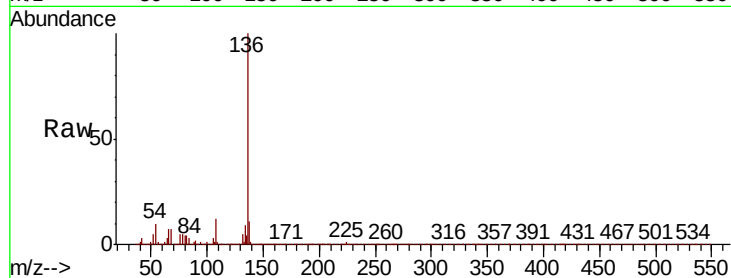




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

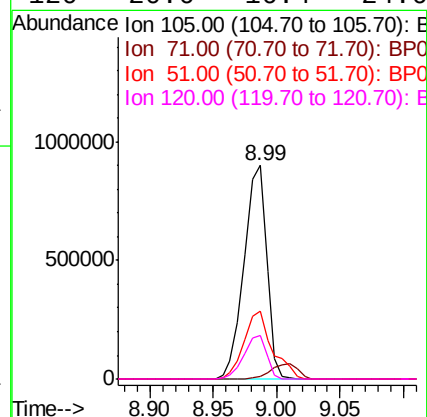
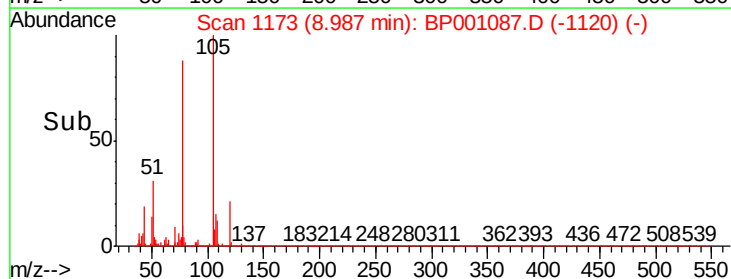
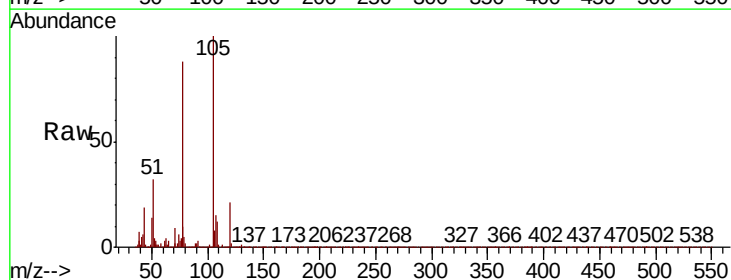
Instrument :
BNA_P
ClientSampleId :

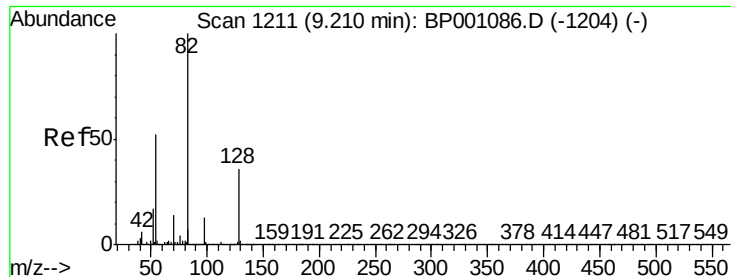
Tot Ion:136	Resp:	764574
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 9.5	7.9	11.9
68 6.5	5.6	8.4



#22
Acetophenone
Concen: 56.458 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt	Ion:105	Resp:	1114817
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.5	0.7#
51	31.5	24.2	36.4
120	20.6	16.4	24.6

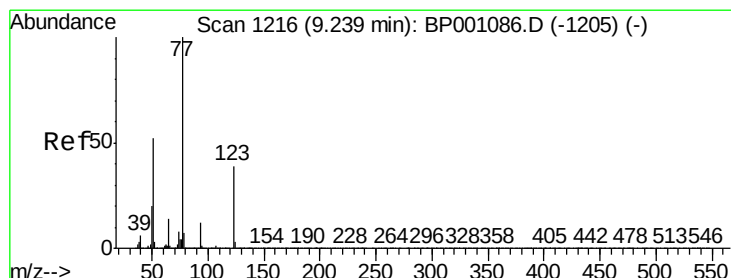
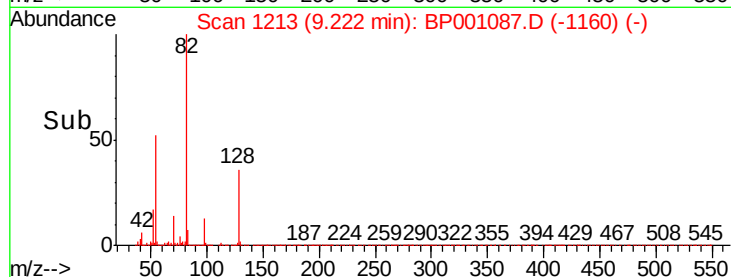
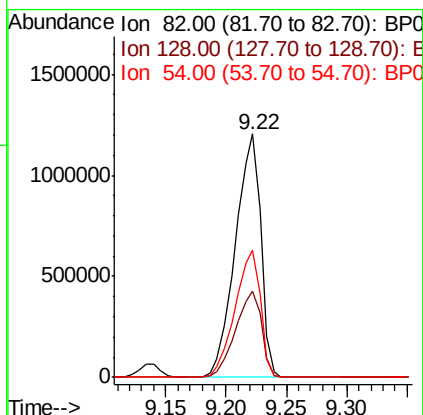
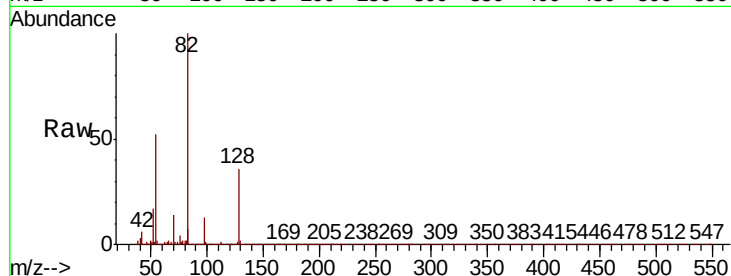




#23
 Nitrobenzene-d5
 Concen: 127.877 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

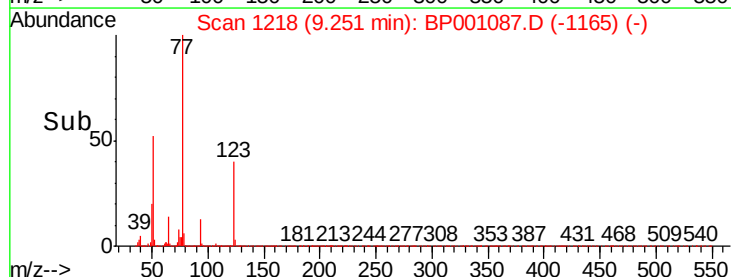
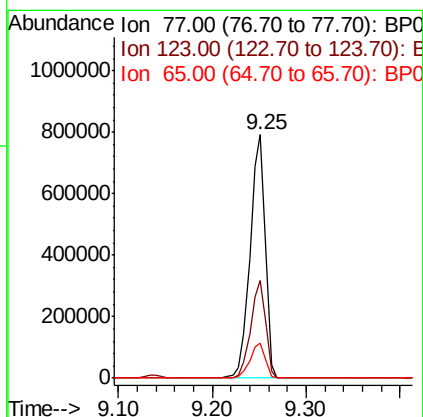
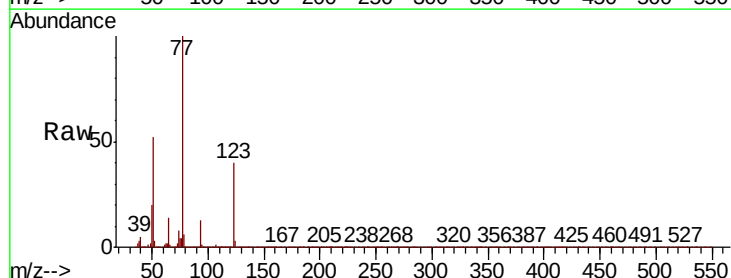
Instrument :
 BNA_P
 ClientSampleId :

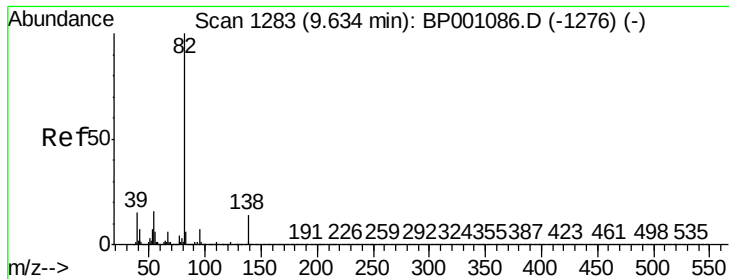
Tot Ion: 82 Resp: 1767482
 Ion Ratio Lower Upper
 82 100
 128 35.6 28.9 43.3
 54 52.0 41.9 62.9



#24
 Nitrobenzene
 Concen: 63.169 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

Tgt Ion: 77 Resp: 876095
 Ion Ratio Lower Upper
 77 100
 123 40.1 31.0 46.4
 65 14.3 11.0 16.6





#25

Isophorone

Concen: 61.452 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

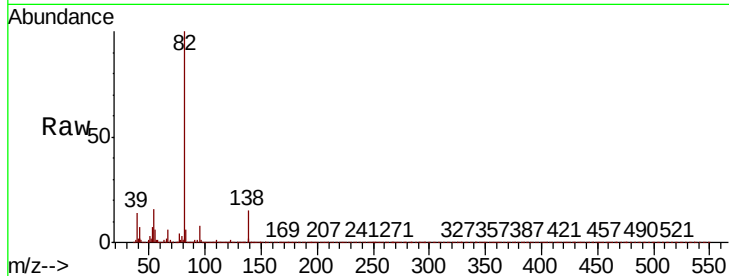
Tot Ion: 82 Resp: 1563389

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

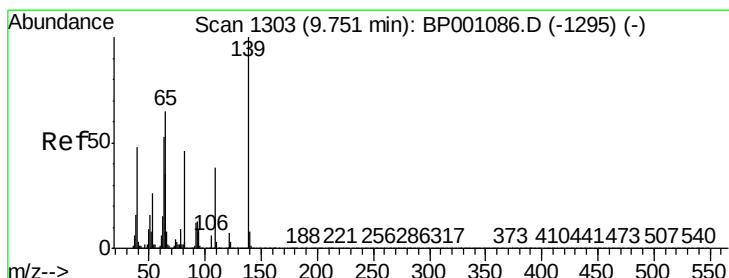
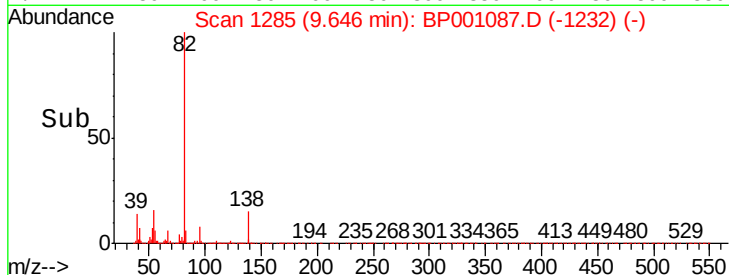
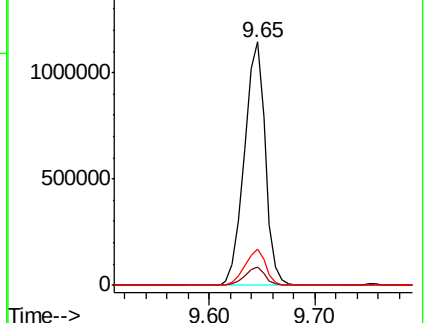
138 14.9 11.3 16.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 64.237 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

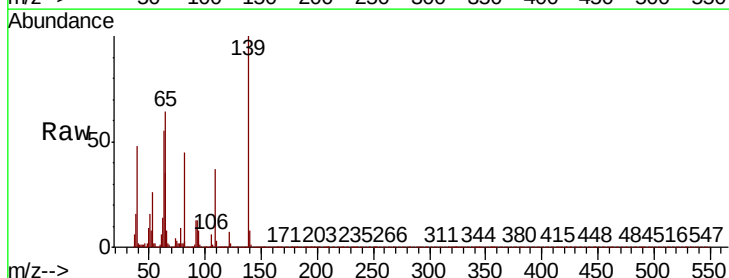
Tgt Ion: 139 Resp: 332925

Ion Ratio Lower Upper

139 100

109 36.7 30.6 45.8

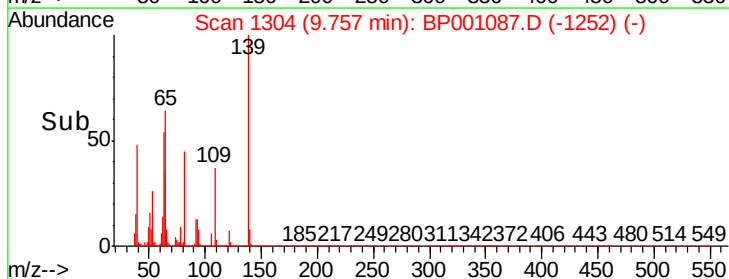
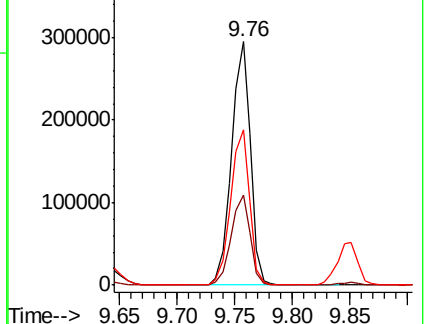
65 64.0 51.8 77.8

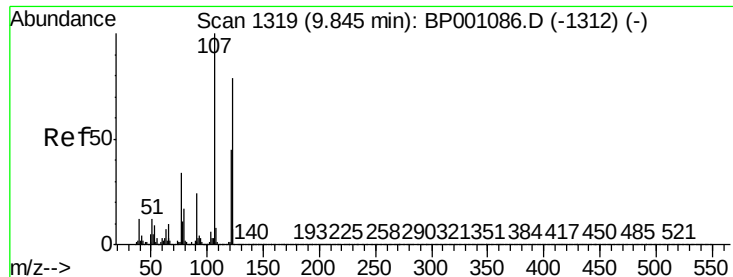


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 52.548 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

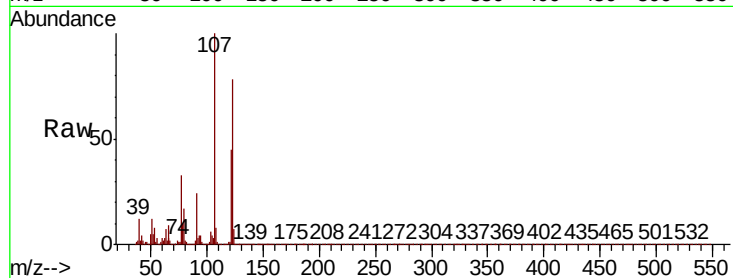
Tot Ion:122 Resp: 509991

Ion Ratio Lower Upper

122 100

107 128.8 101.9 152.9

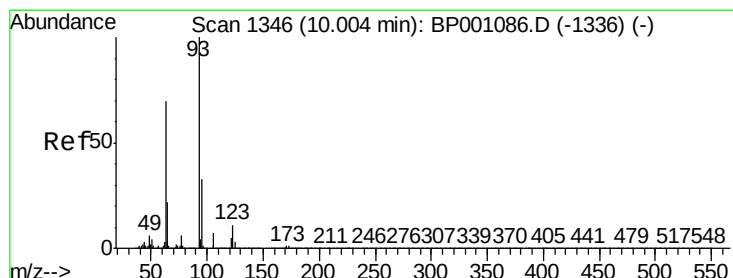
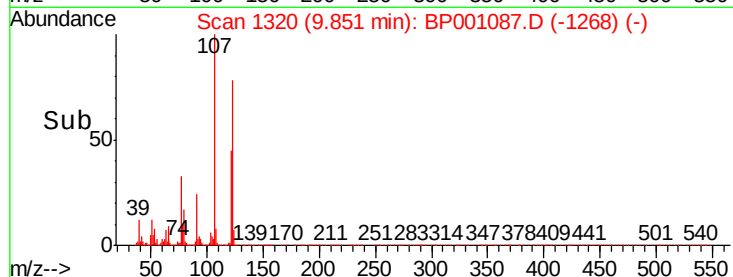
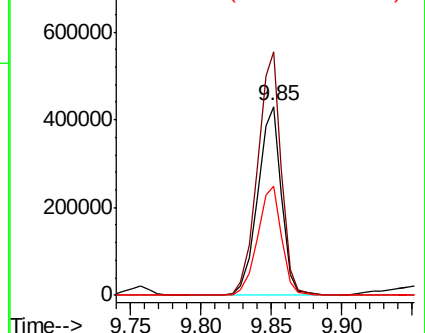
121 58.1 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 59.384 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

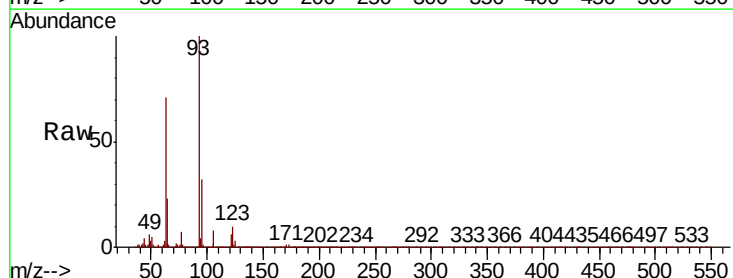
Tgt Ion: 93 Resp: 987788

Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

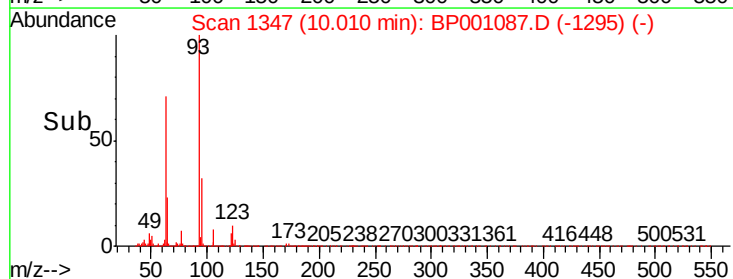
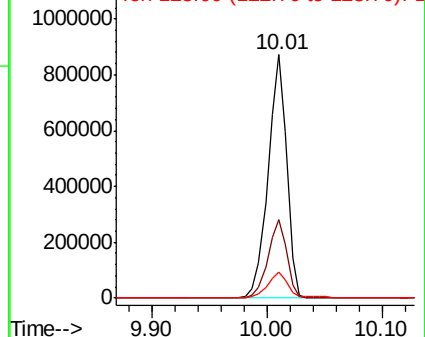
123 10.5 8.9 13.3

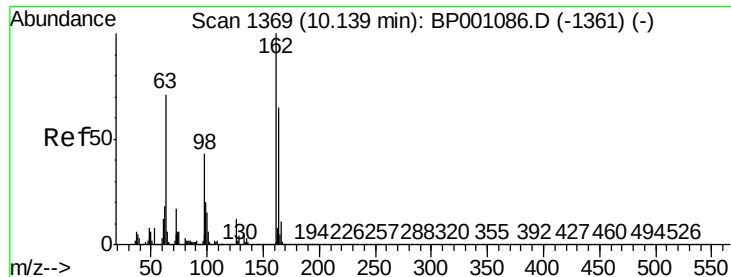


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

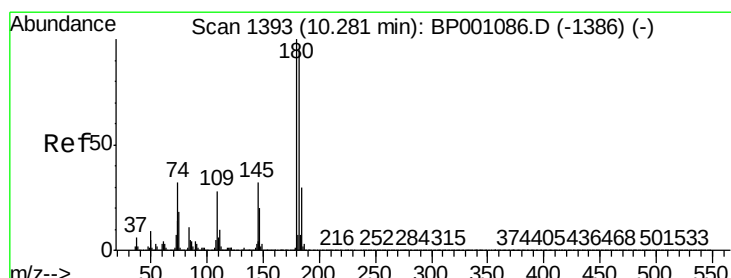
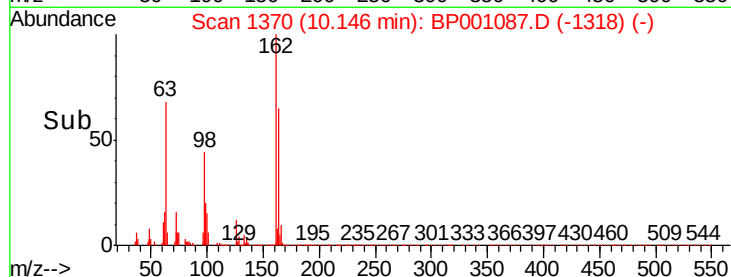
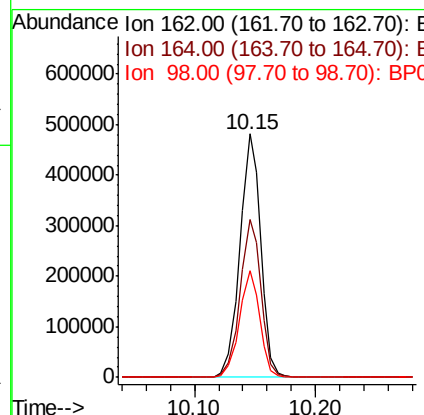
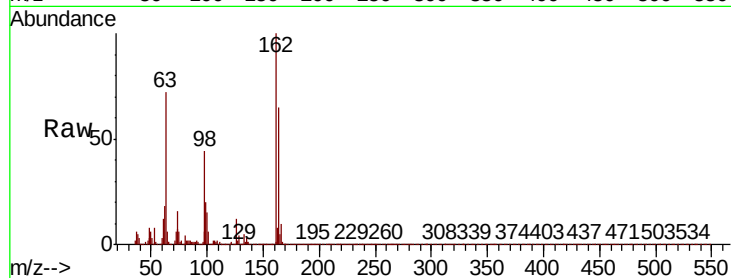




#29
2,4-Dichlorophenol
Concen: 49.638 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

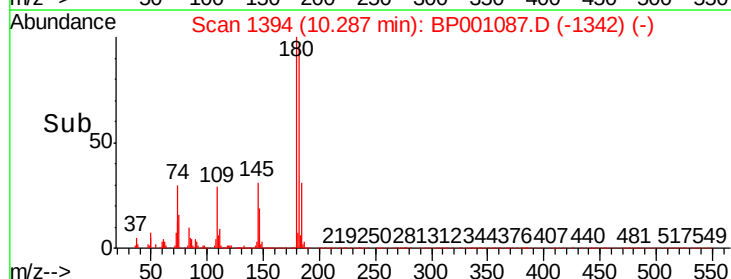
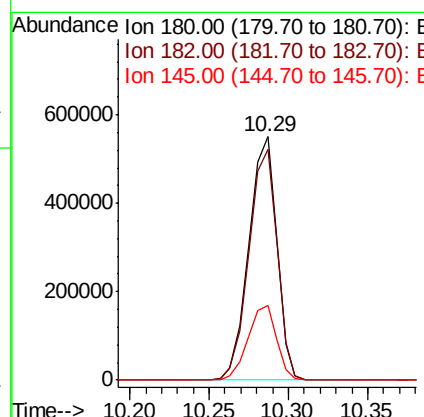
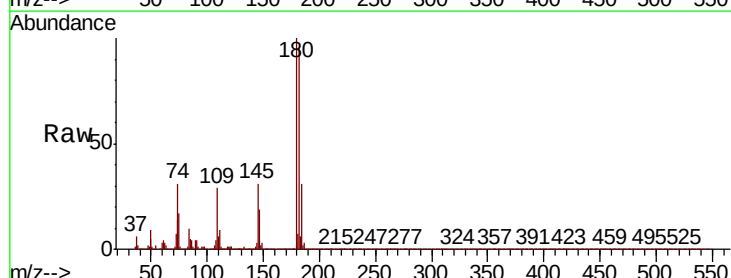
Instrument :
BNA_P
ClientSampleId :

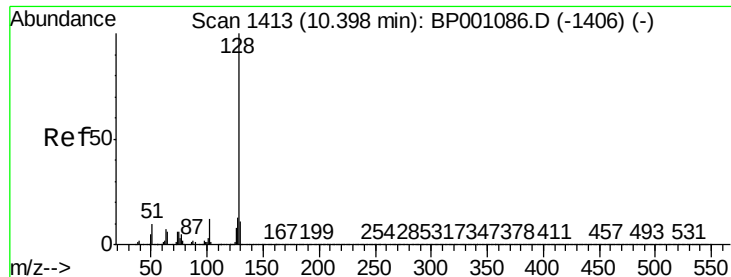
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.1	85.1
98	43.7	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 46.865 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.3	114.5
145	30.6	25.4	38.2

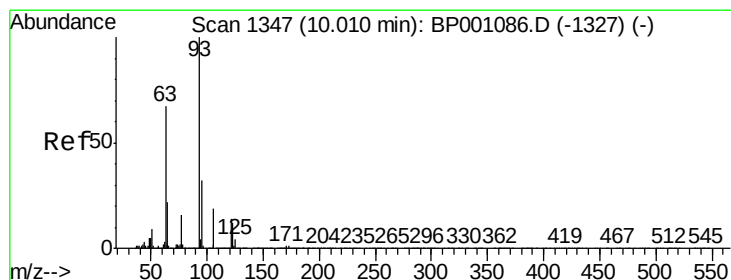
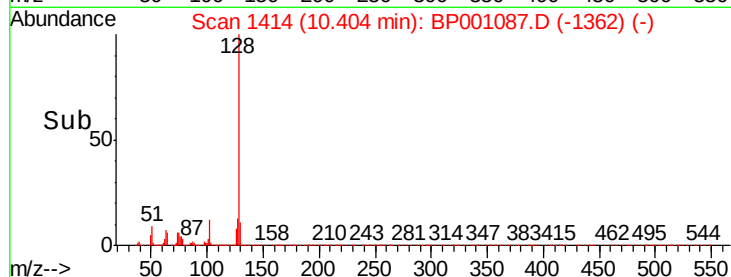
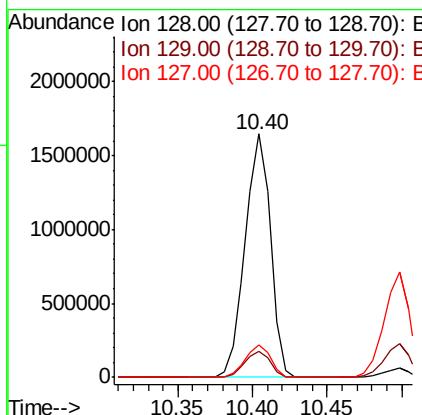
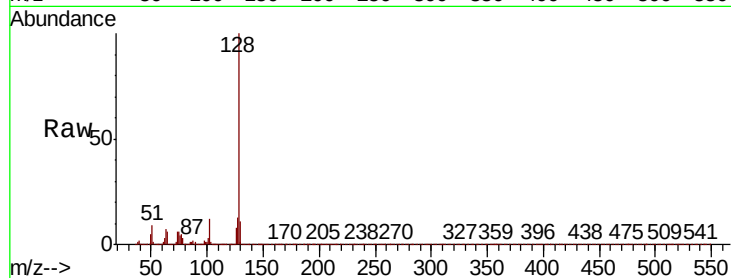




#31
Naphthalene
Concen: 50.557 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

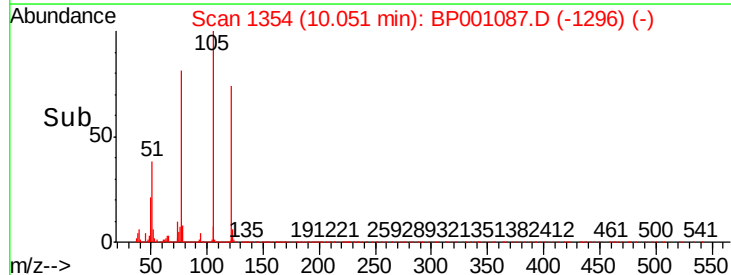
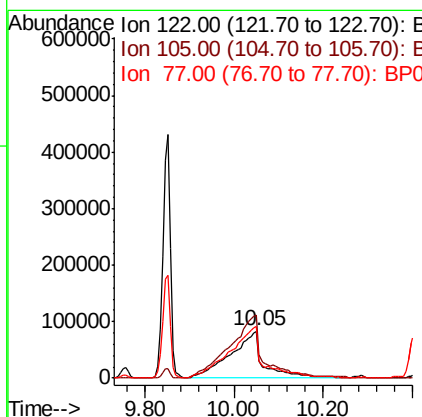
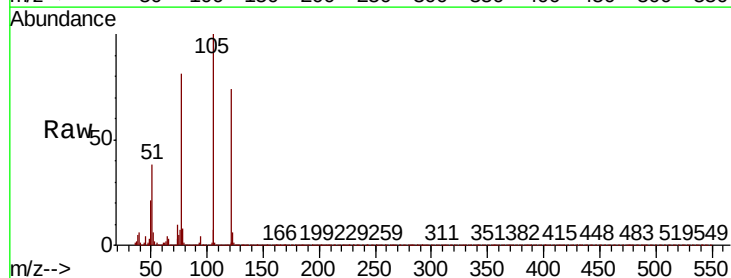
Instrument :
BNA_P
ClientSampled :

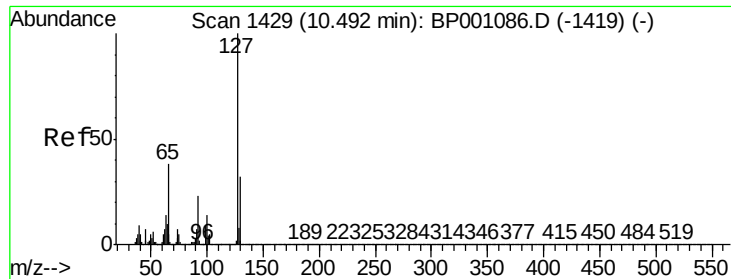
Tot Ion:128 Resp: 1931252
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 79.861 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.04 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:122 Resp: 419557
Ion Ratio Lower Upper
122 100
105 135.6 116.8 156.8
77 110.1 95.0 135.0

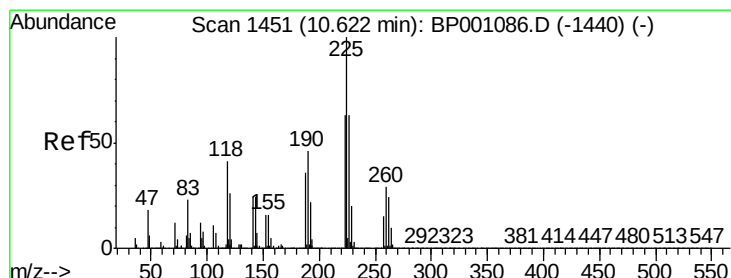
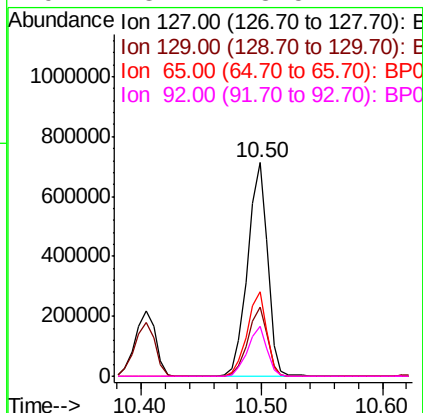
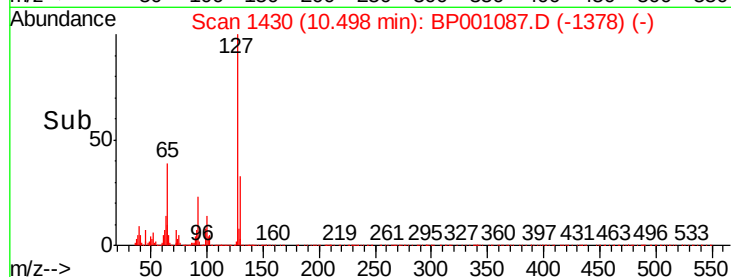
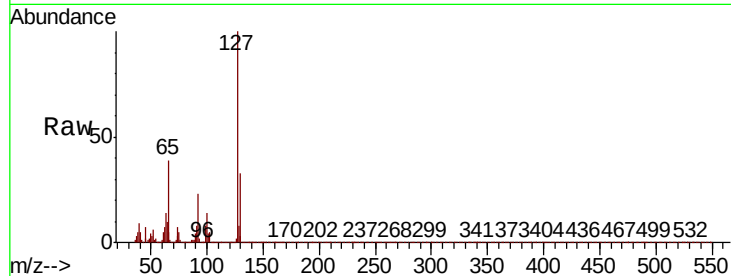




#33
4-Chloroaniline
Concen: 50.573 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

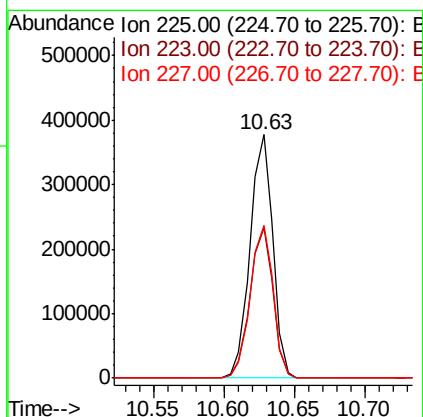
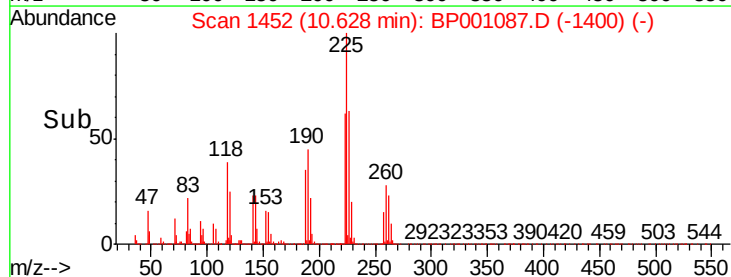
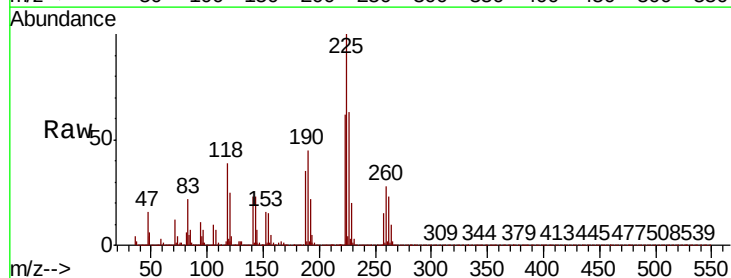
Instrument :
BNA_P
ClientSampleId :

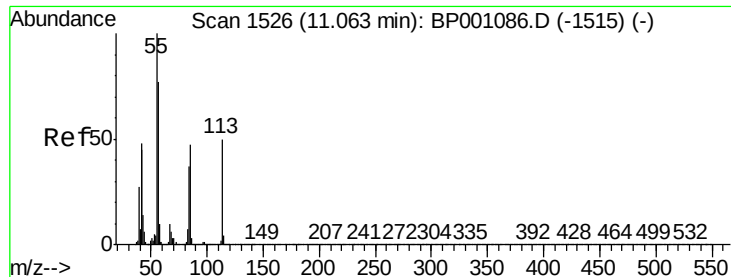
Tot Ion:	127	Resp:	828431
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.5	38.3
65	39.3	30.6	46.0
92	23.2	18.5	27.7



#34
Hexachlorobutadiene
Concen: 44.948 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:	225	Resp:	427361
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.0	75.0
227	63.0	50.0	75.0

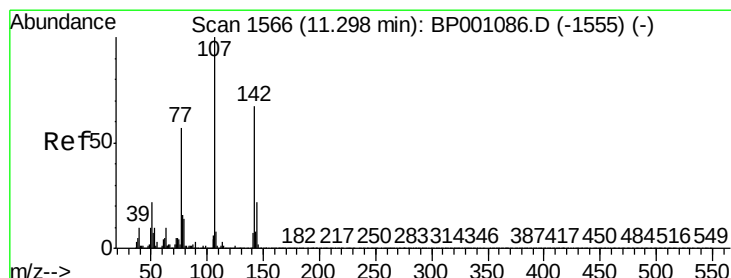
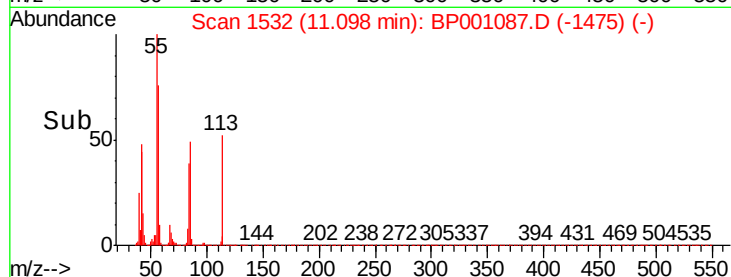
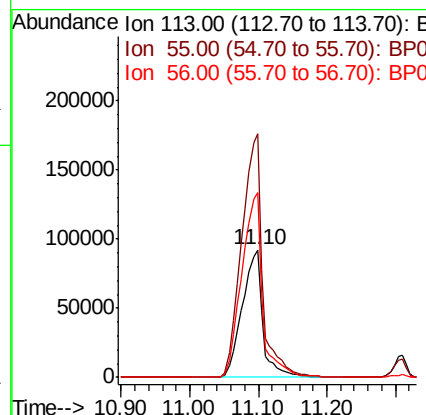
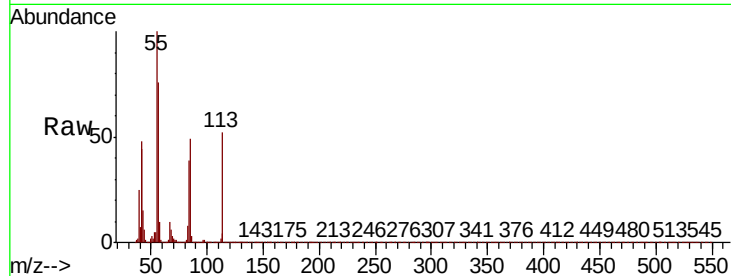




#35
Caprolactam
Concen: 51.640 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.04 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

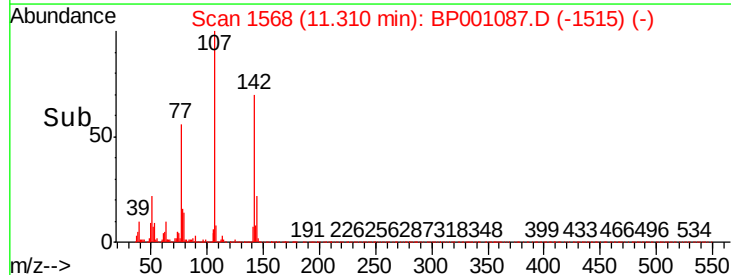
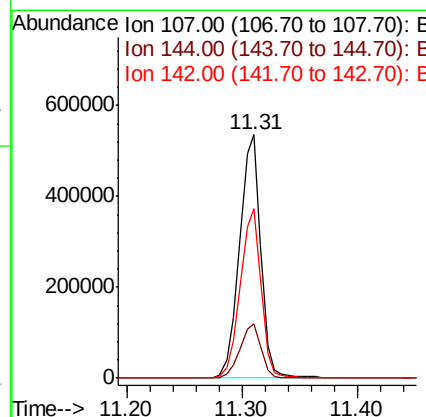
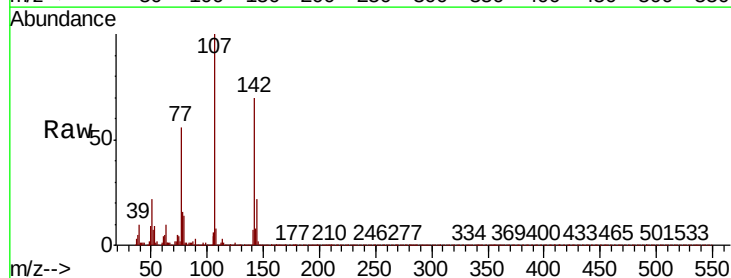
Instrument :
BNA_P
ClientSampled :

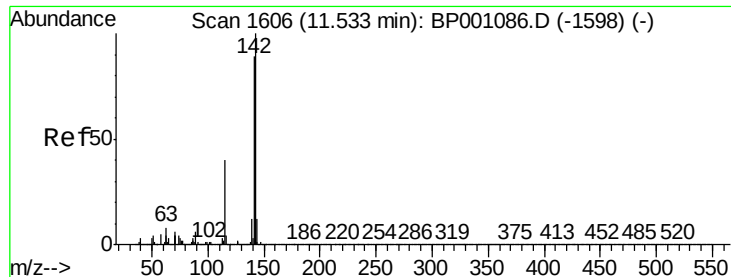
Tot Ion:113 Resp: 190933
Ion Ratio Lower Upper
113 100
55 190.5 181.2 221.2
56 144.8 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 55.901 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:107 Resp: 679978
Ion Ratio Lower Upper
107 100
144 22.5 17.5 26.3
142 69.8 53.3 79.9

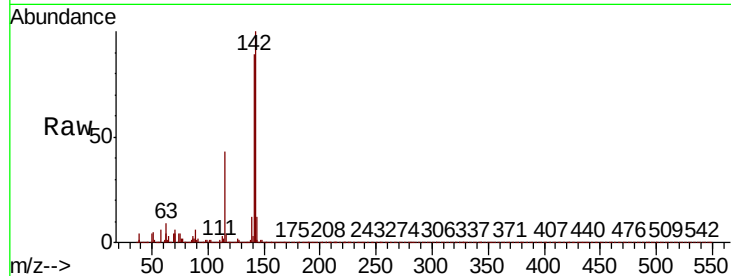




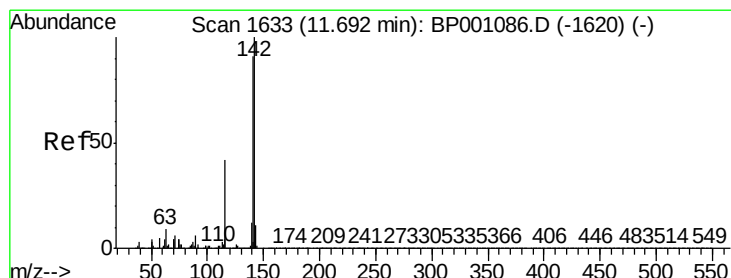
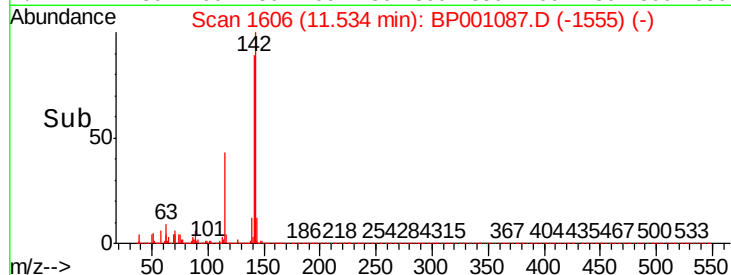
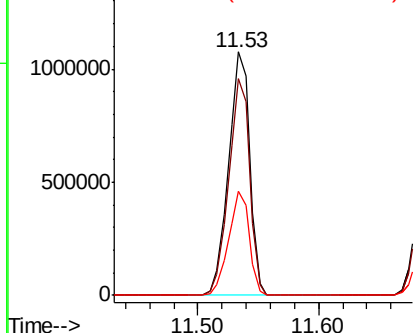
#37
2-Methylnaphthalene
Concen: 49.023 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:142 Resp: 1310727
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7
115 42.6 32.3 48.5

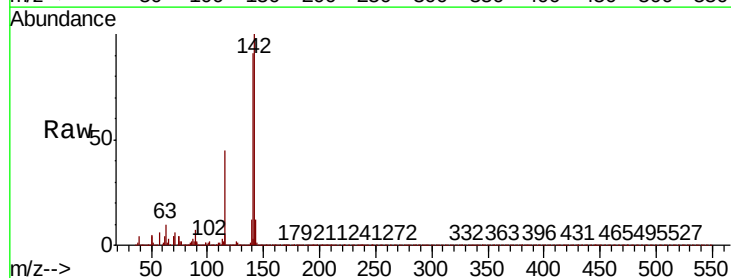


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

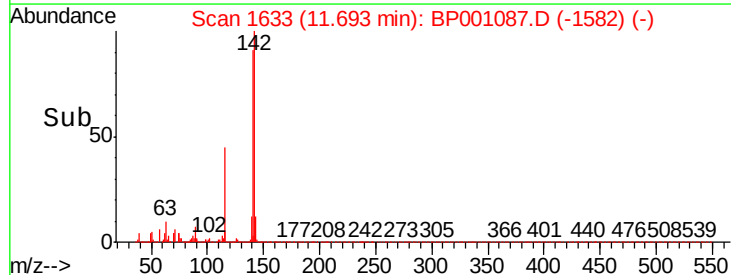
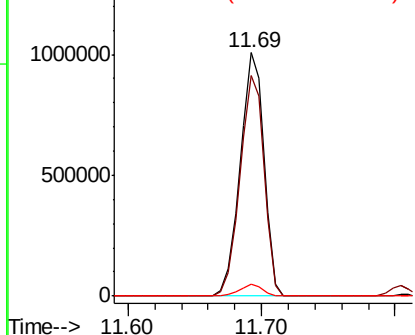


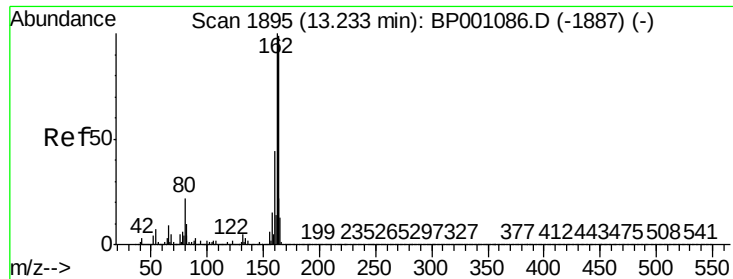
#38
1-Methylnaphthalene
Concen: 48.859 ng
RT: 11.69 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:142 Resp: 1234352
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4
116 4.8 3.4 5.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

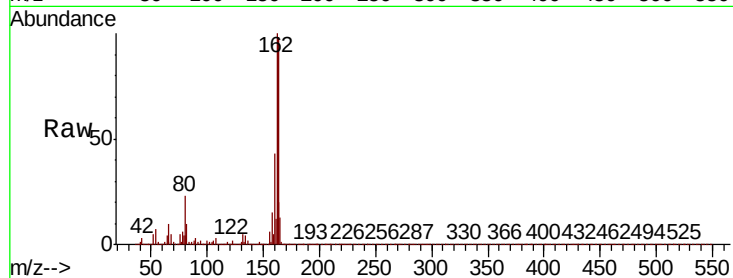
Tot Ion:164 Resp: 413734

Ion Ratio Lower Upper

164 100

162 102.3 80.6 120.8

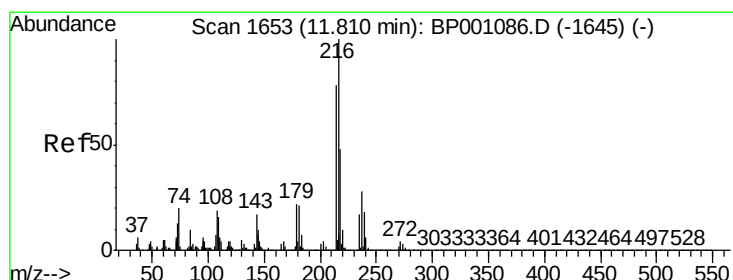
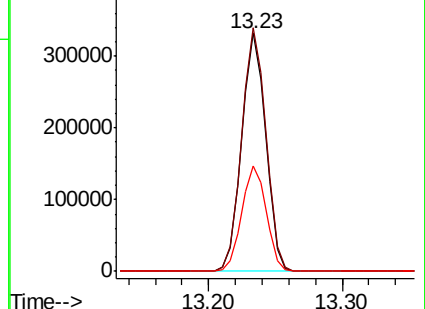
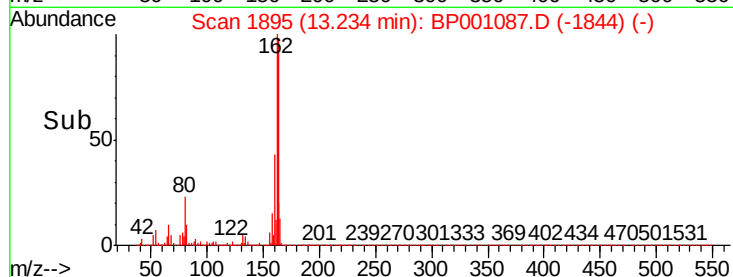
160 44.1 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.083 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Tgt Ion:216 Resp: 662401

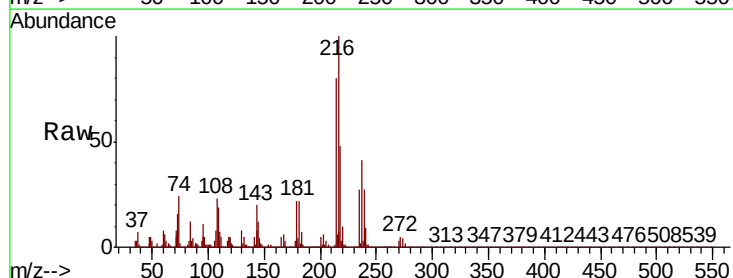
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 21.9 17.6 26.4

108 22.3 17.7 26.5

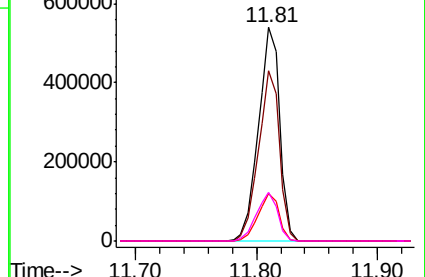
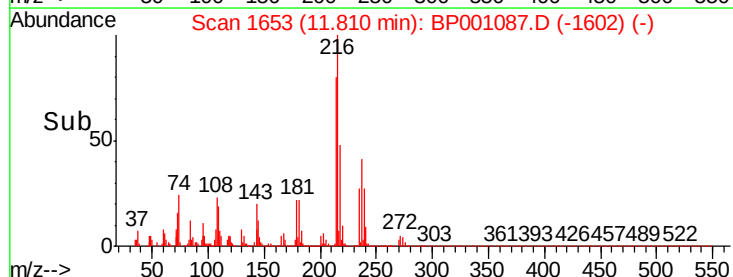


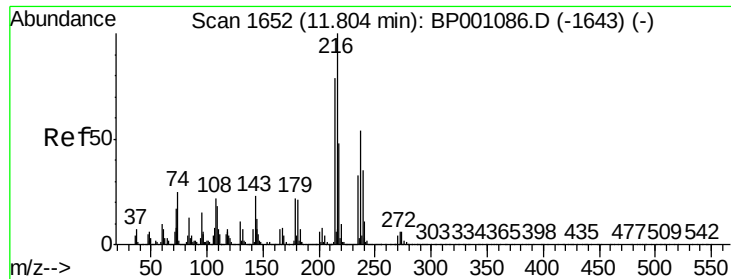
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

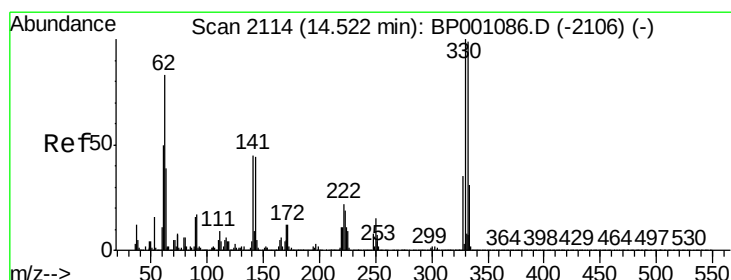
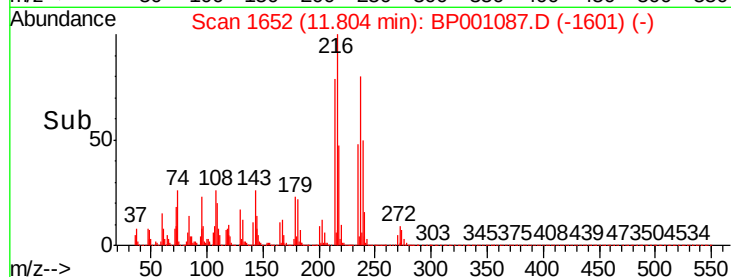
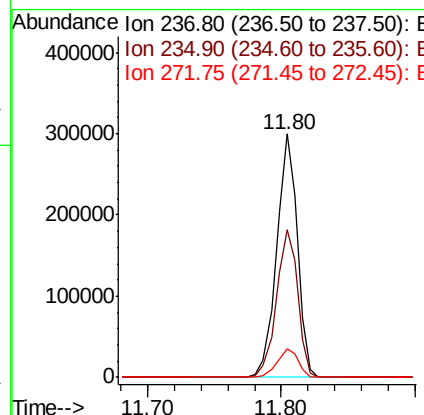
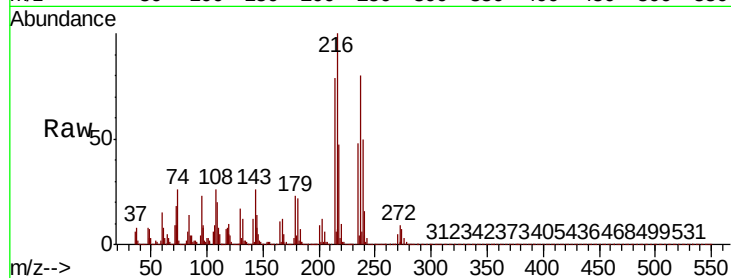




#41
Hexachlorocyclopentadiene
Concen: 46.984 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

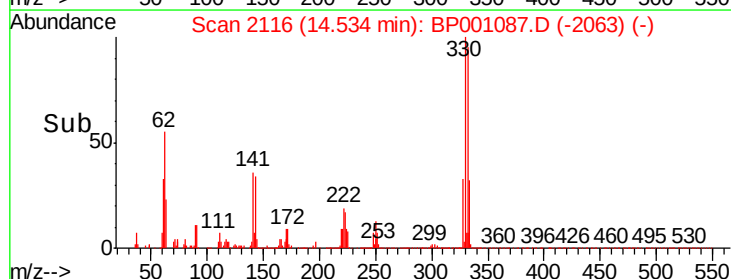
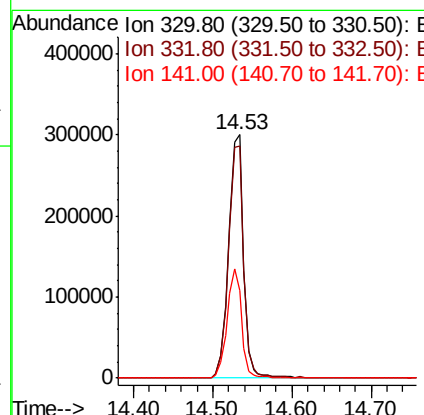
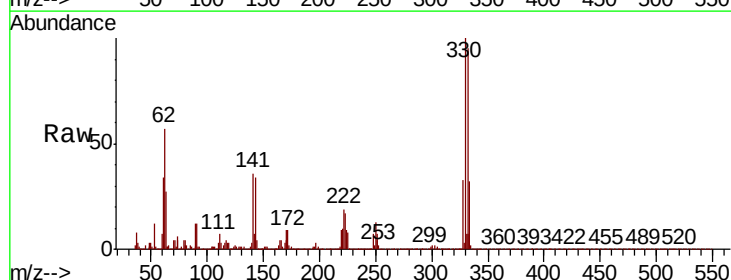
Instrument :
BNA_P
ClientSampleId :

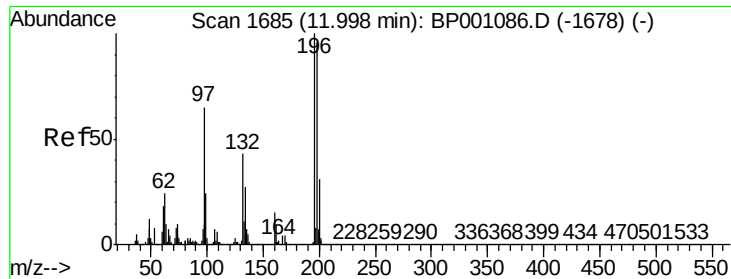
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.7	41.8	81.8
272	11.7	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 79.432 ng
RT: 14.53 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	43.5	34.2	51.2

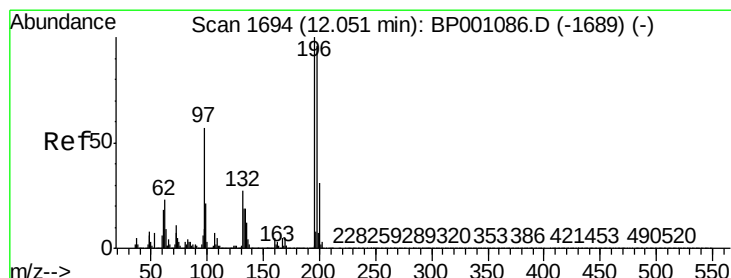
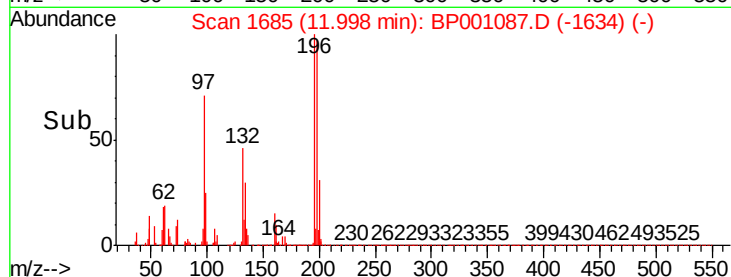
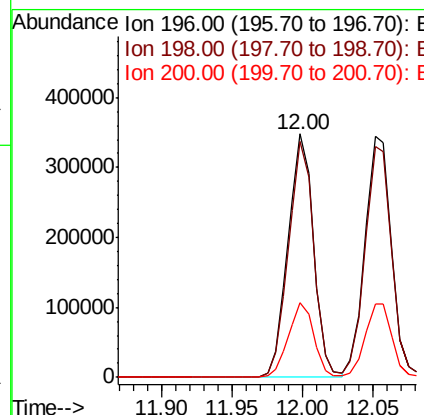
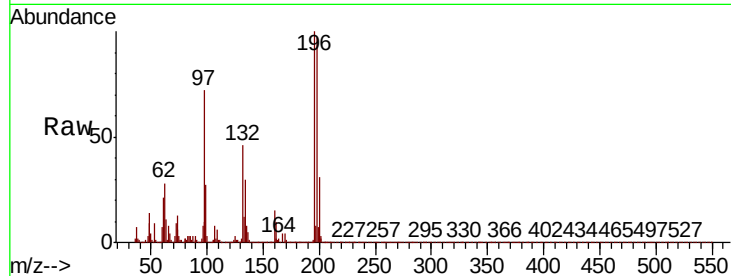




#43
 2,4,6-Trichlorophenol
 Concen: 52.721 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

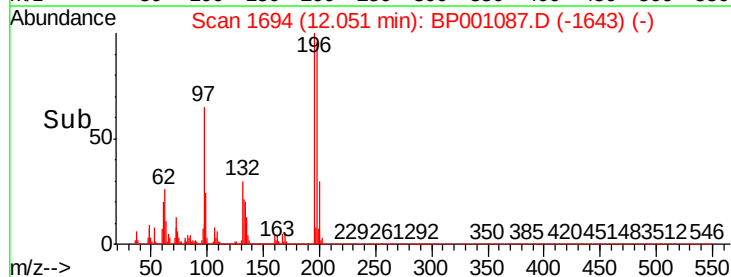
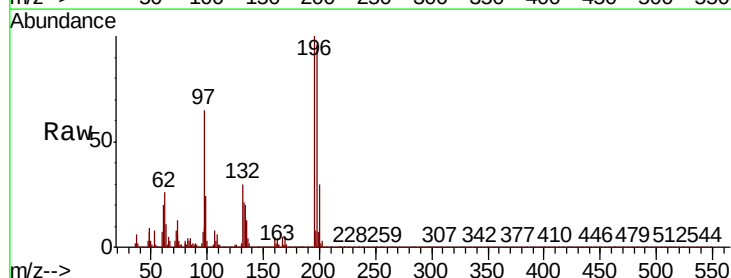
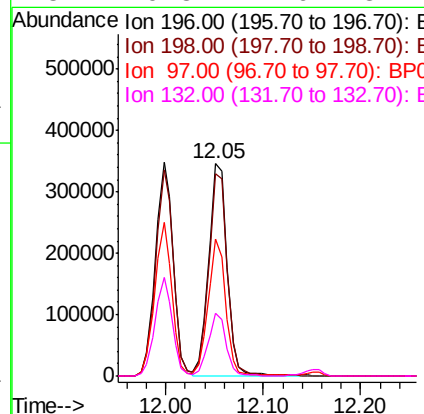
Instrument :
 BNA_P
 ClientSampleId :

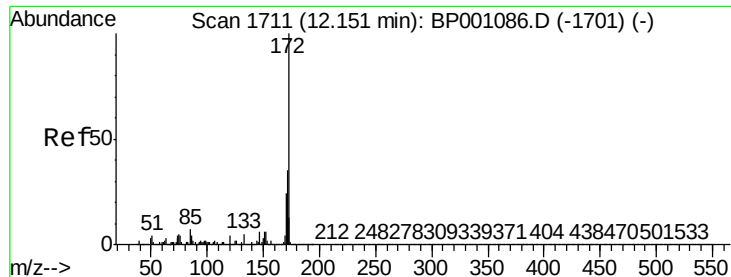
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.7	115.1
200	30.7	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.241 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.8	115.2
97	64.7	46.1	69.1
132	29.8	21.6	32.4

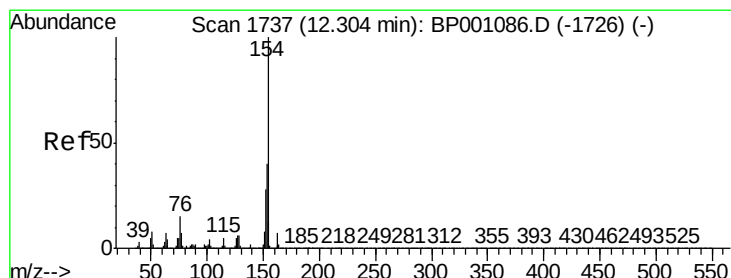
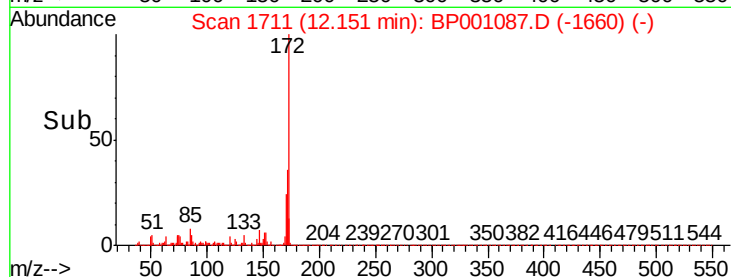
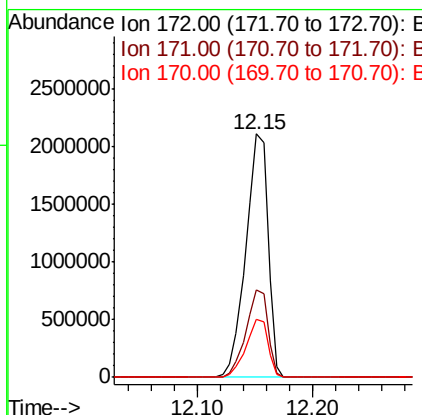
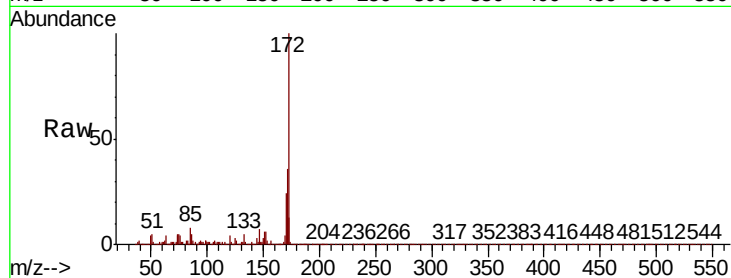




#45
2-Fluorobiphenyl
Concen: 102.655 ng
RT: 12.15 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

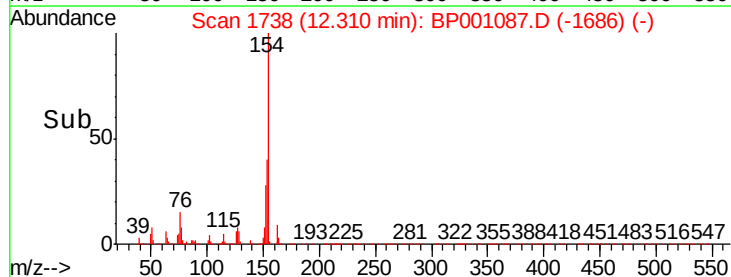
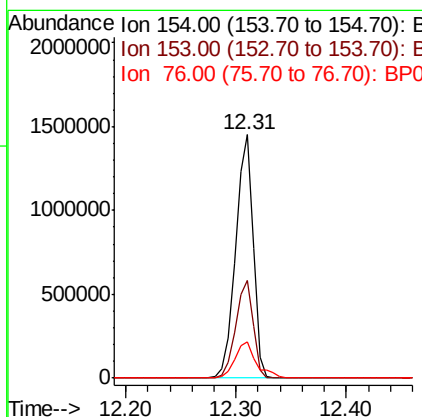
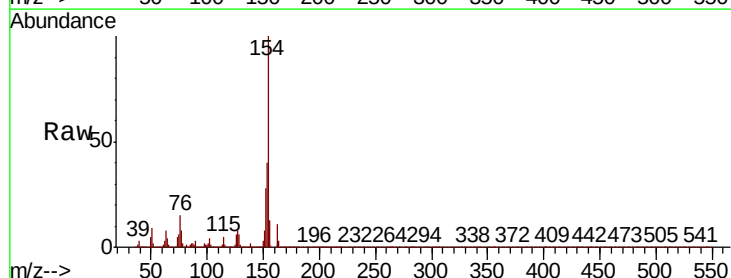
Instrument :
BNA_P
ClientSampleId :

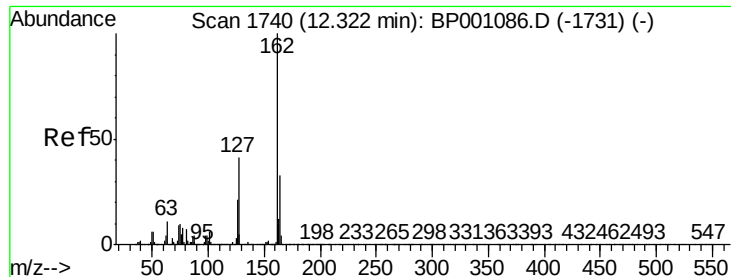
Tot Ion:172 Resp: 2820004
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.161 ng
RT: 12.31 min Scan# 1738
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:154 Resp: 1613629
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 14.7 0.0 34.5

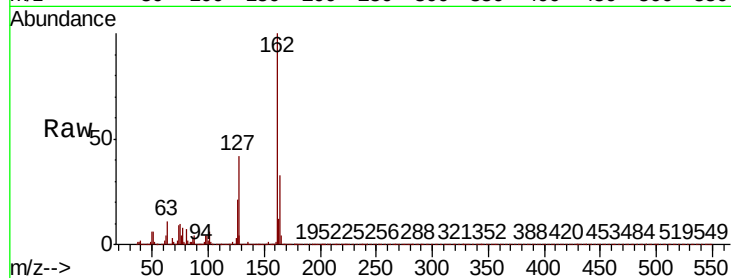




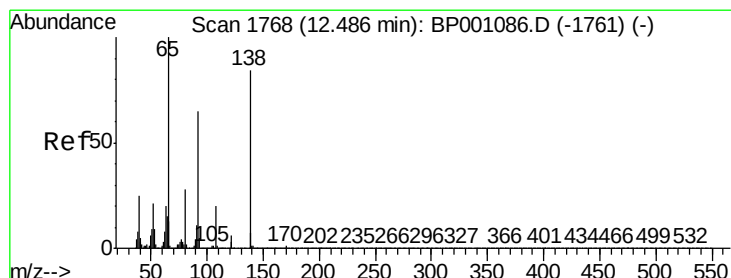
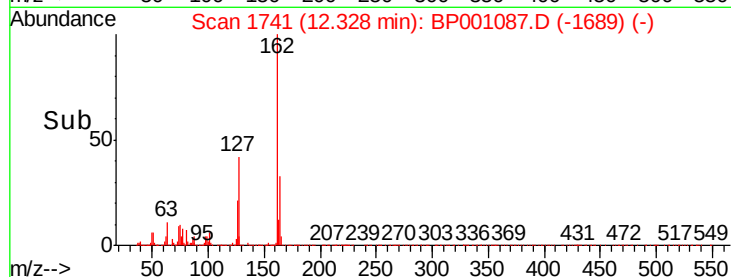
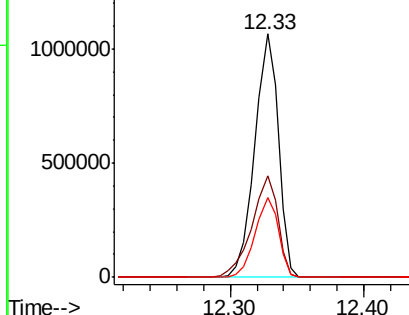
#47
2-Chloronaphthalene
Concen: 51.857 ng
RT: 12.33 min Scan# 1741
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:162 Resp: 1291451
Ion Ratio Lower Upper
162 100
127 41.7 33.0 49.6
164 32.6 26.7 40.1

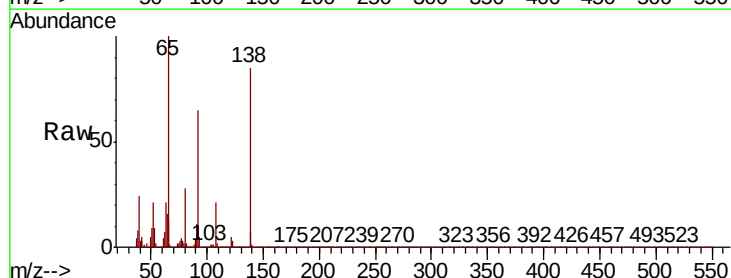


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

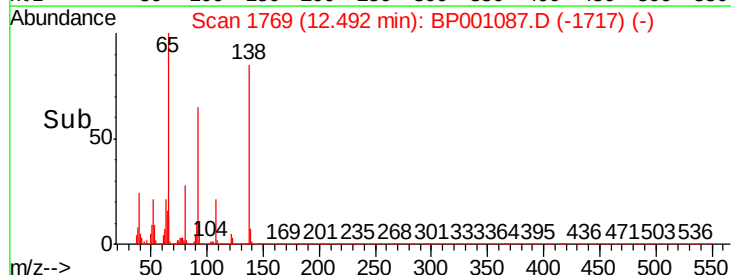
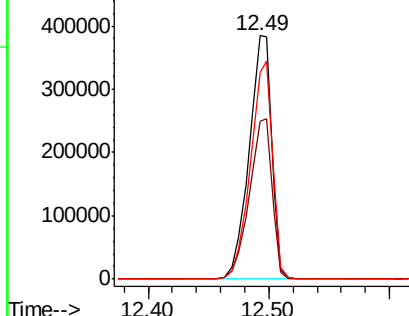


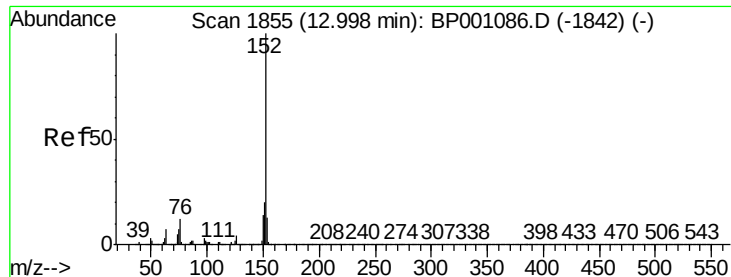
#48
2-Nitroaniline
Concen: 77.271 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion: 65 Resp: 503697
Ion Ratio Lower Upper
65 100
92 64.6 51.6 77.4
138 84.8 67.3 100.9



Abundance Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.897 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

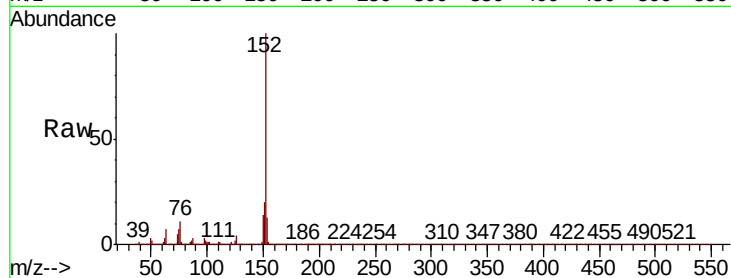
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1926991

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	12.9	10.2	15.4

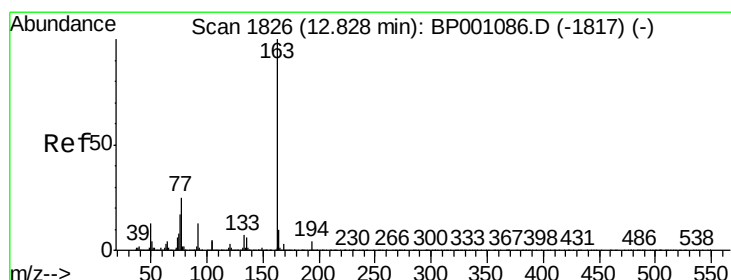
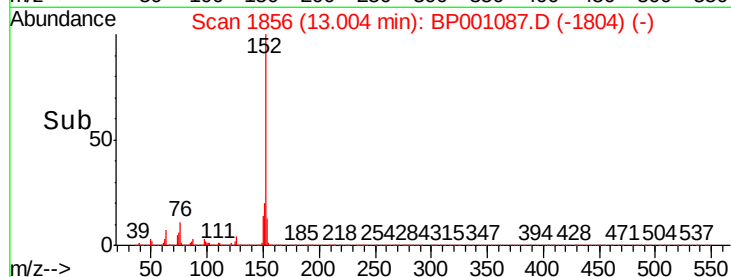
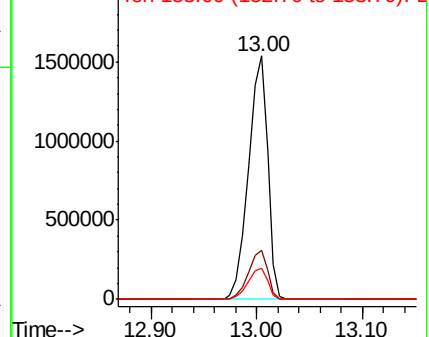


Abundance

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: 49.978 ng

RT: 12.83 min Scan# 1827

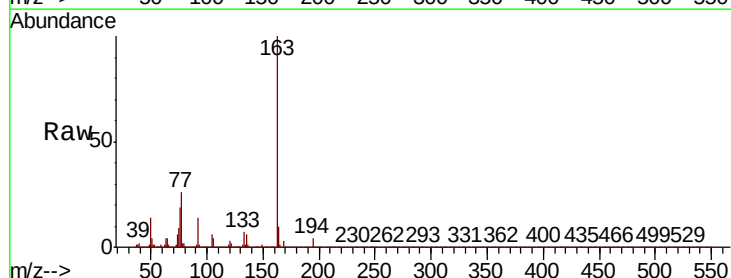
Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Tgt Ion:163 Resp: 1528985

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	8.1	12.1

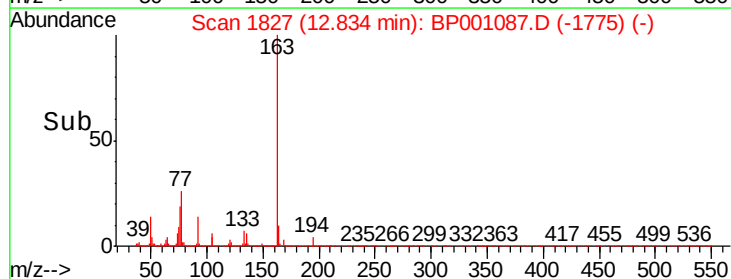
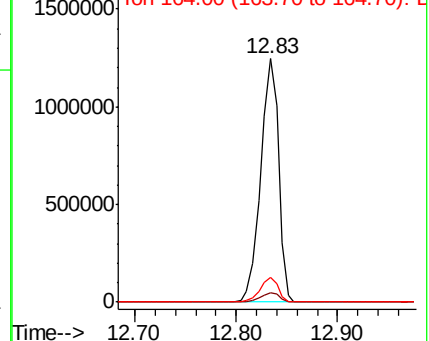


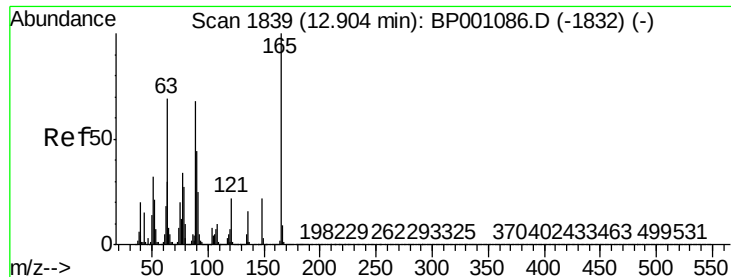
Abundance

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

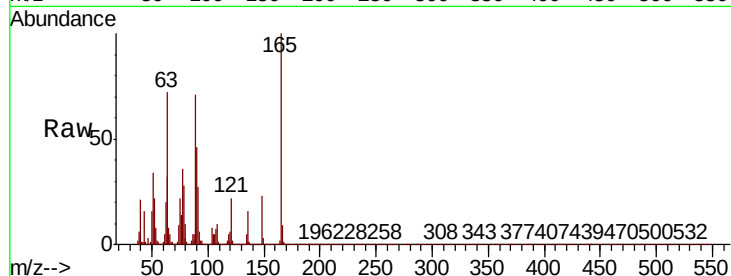




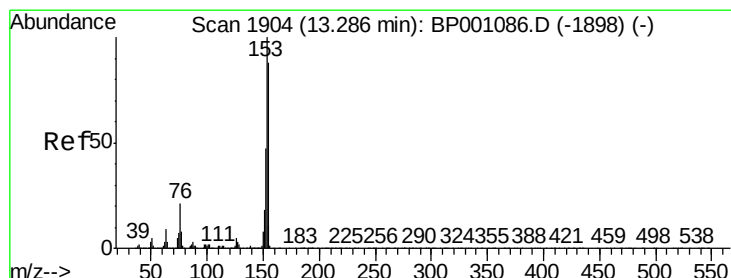
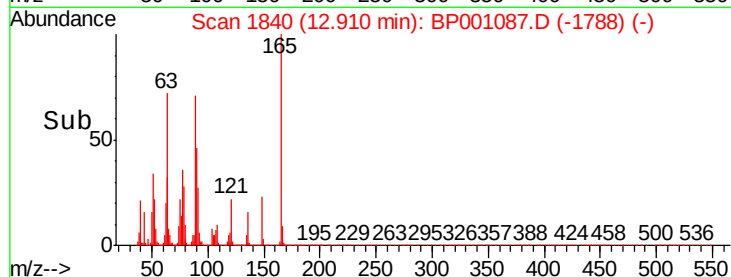
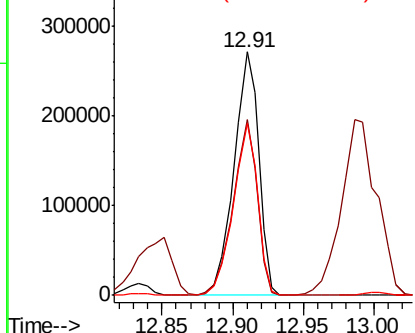
#51
2,6-Dinitrotoluene
Concen: 51.829 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 330748
Ion Ratio Lower Upper
165 100
63 72.4 55.6 83.4
89 70.7 54.1 81.1

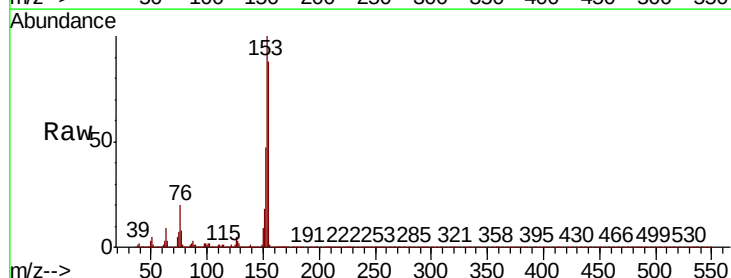


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

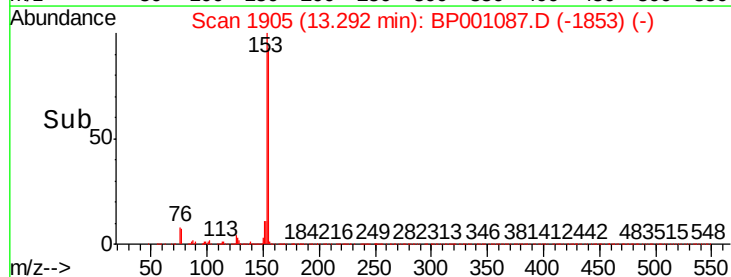
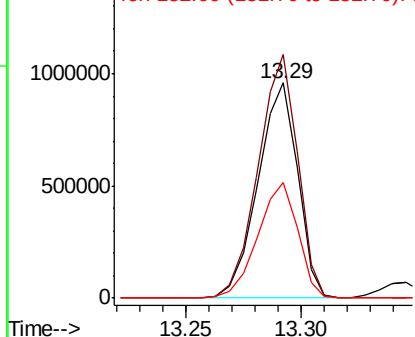


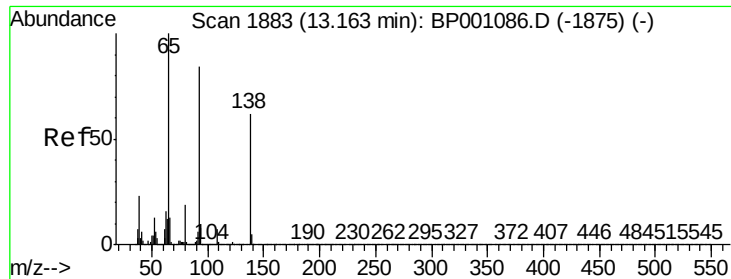
#52
Acenaphthene
Concen: 50.631 ng
RT: 13.29 min Scan# 1905
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:154 Resp: 1146515
Ion Ratio Lower Upper
154 100
153 113.2 90.5 135.7
152 53.5 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

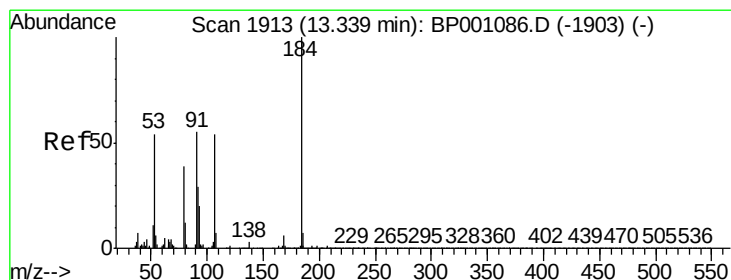
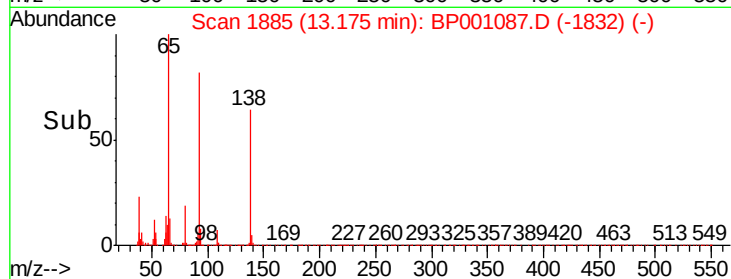
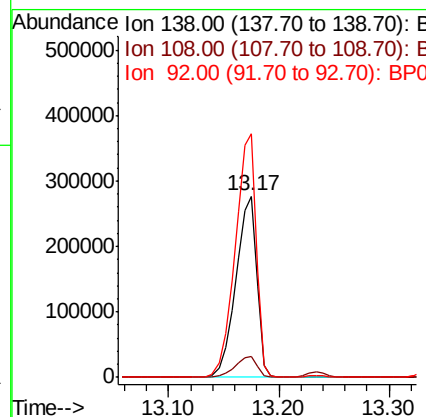
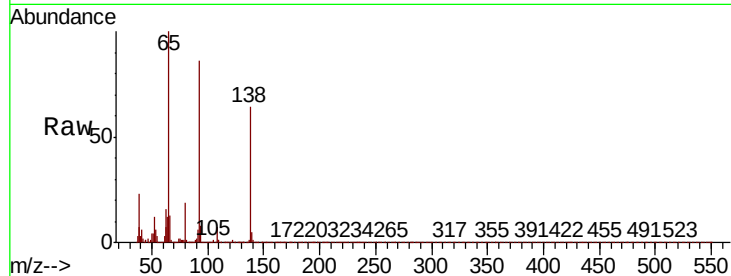




#53
 3-Nitroaniline
 Concen: 52.853 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

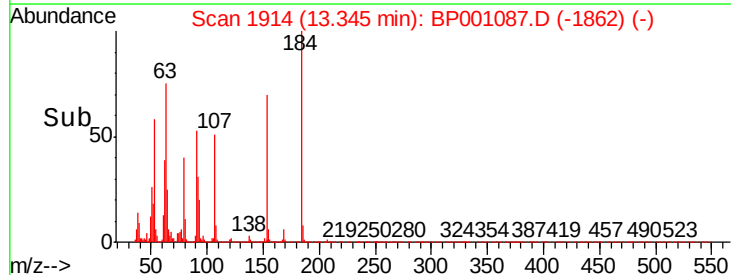
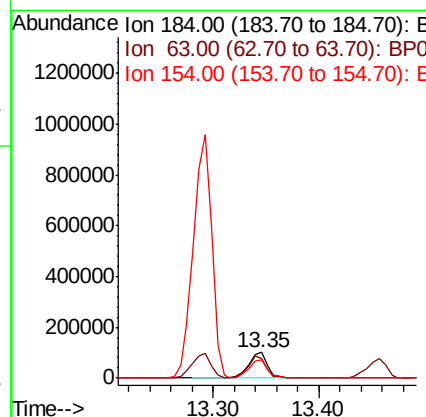
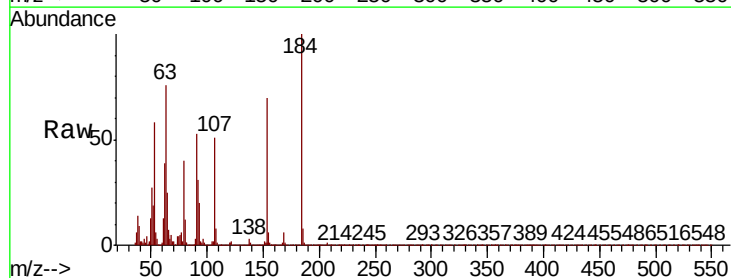
Instrument :
 BNA_P
 ClientSampleId :

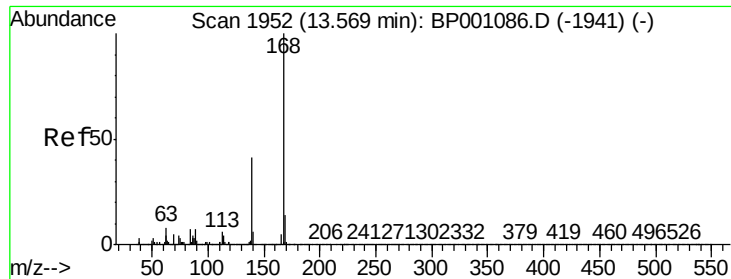
Tot Ion:138 Resp: 367884
 Ion Ratio Lower Upper
 138 100
 108 11.7 9.2 13.8
 92 134.4 107.8 161.6



#54
 2,4-Dinitrophenol
 Concen: 77.980 ng
 RT: 13.35 min Scan# 1914
 Delta R.T. 0.01 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

Tgt Ion:184 Resp: 122674
 Ion Ratio Lower Upper
 184 100
 63 75.6 60.7 91.1
 154 70.0 56.2 84.2





#55

Dibenzofuran

Concen: 48.346 ng

RT: 13.57 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

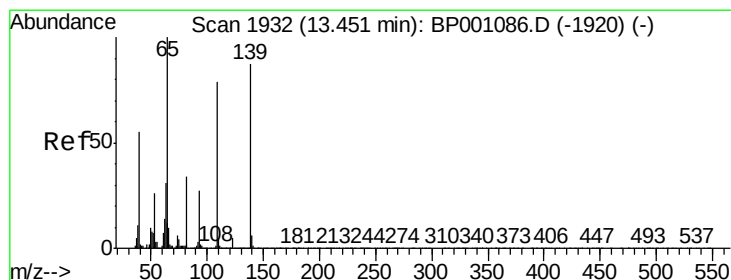
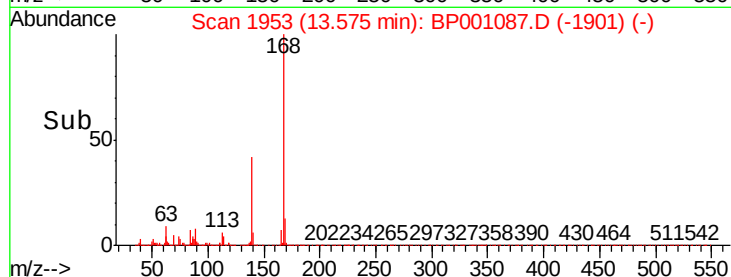
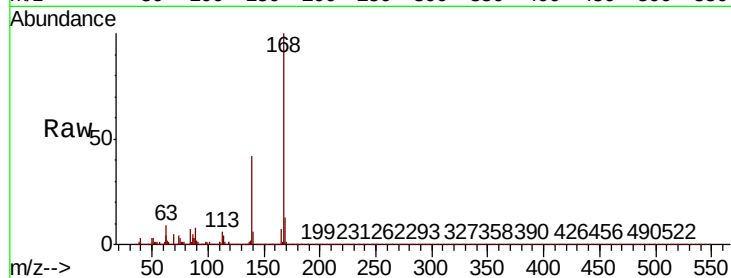
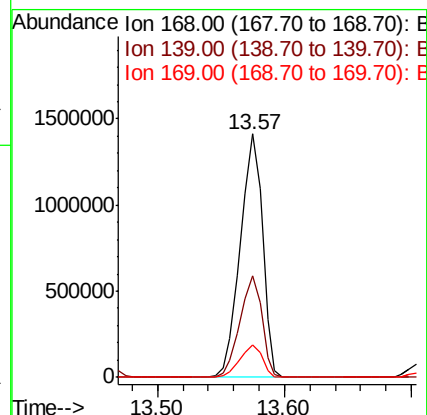
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 1709965

Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.8	49.2
169	13.1	10.9	16.3



#56

4-Nitrophenol

Concen: 53.641 ng

RT: 13.46 min Scan# 1933

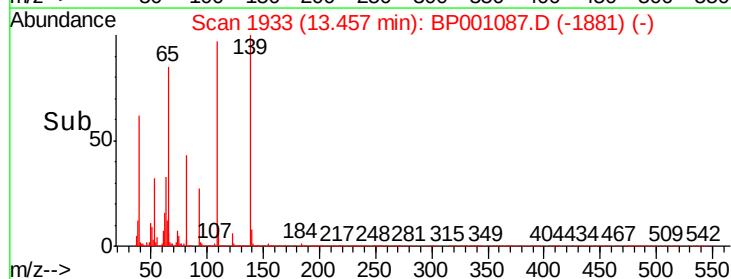
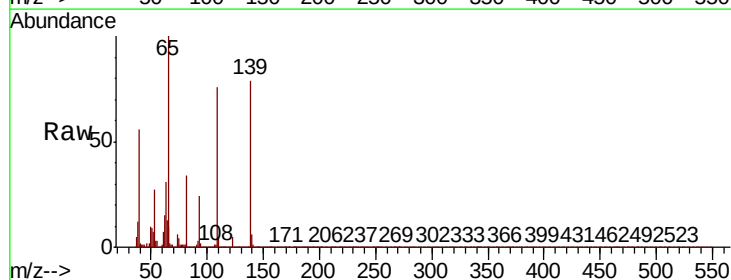
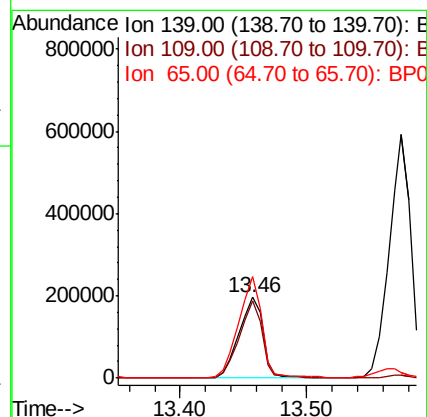
Delta R.T. 0.01 min

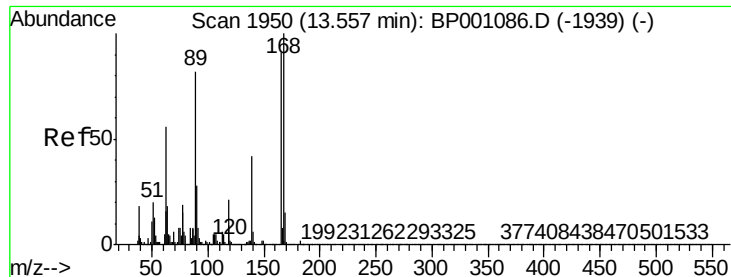
Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Tgt Ion:139 Resp: 259639

Ion	Ratio	Lower	Upper
139	100		
109	95.3	70.9	110.9
65	126.0	95.2	135.2

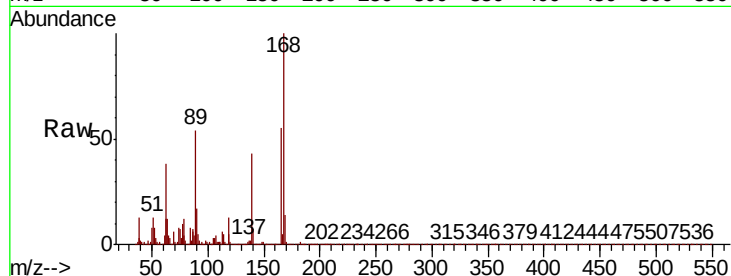




#57
2,4-Dinitrotoluene
Concen: 51.386 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.6	49.4	74.2
89	97.4	72.1	108.1
182	2.5	2.0	3.0



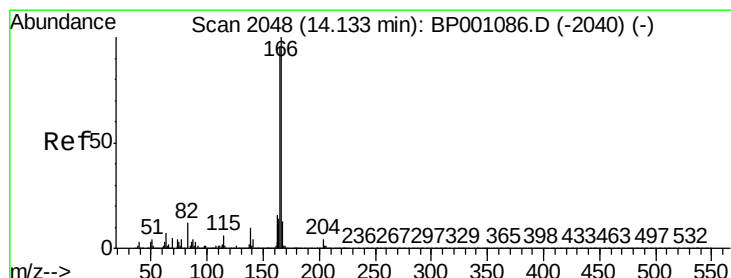
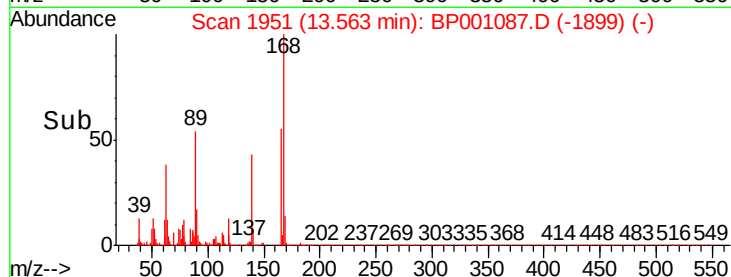
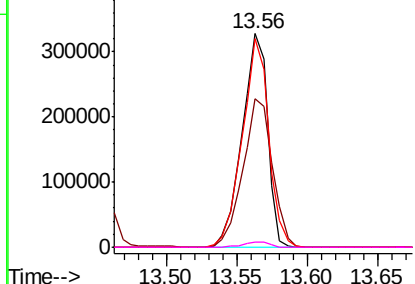
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

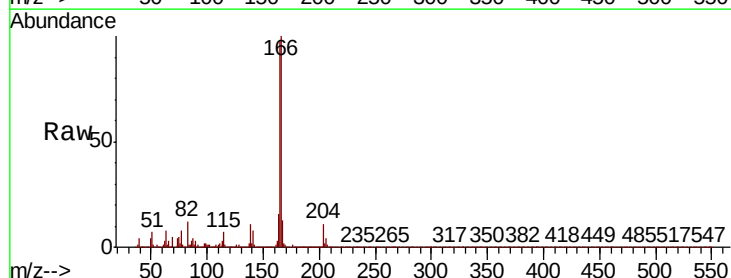
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.272 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.7	115.1
167	13.1	10.5	15.7

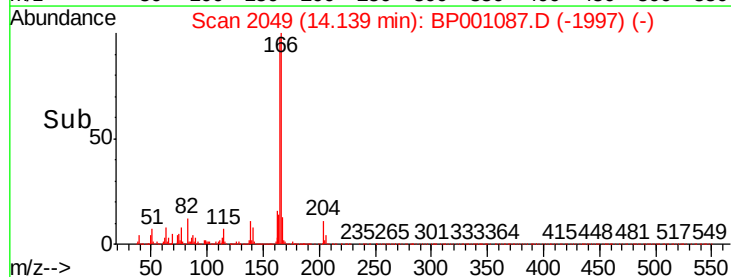
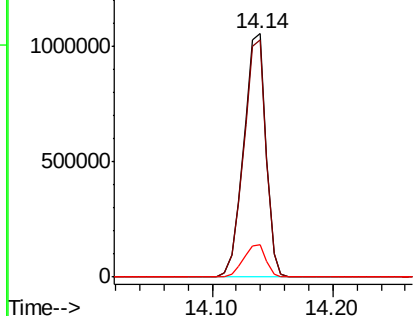


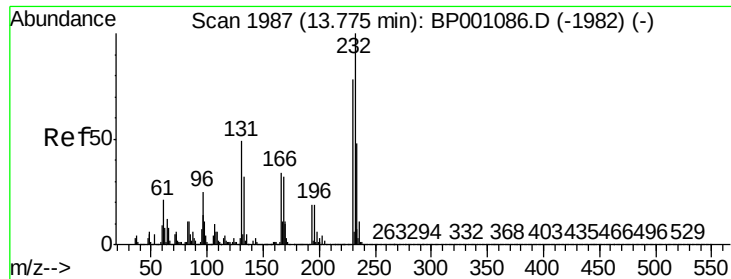
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

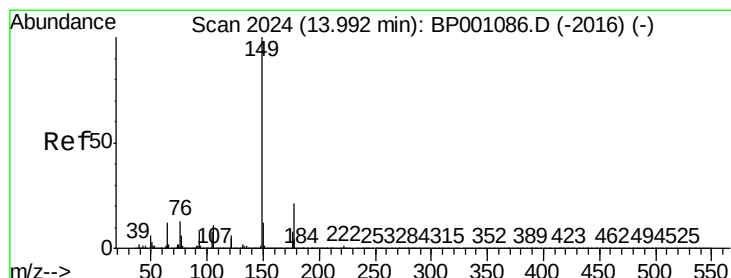
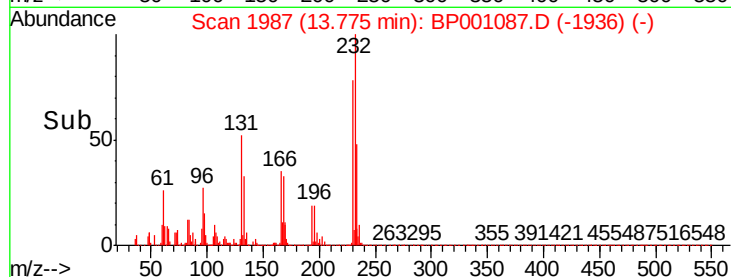
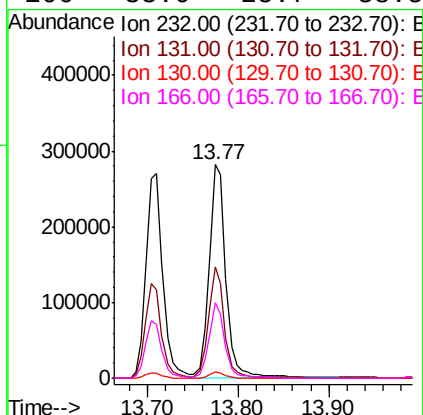
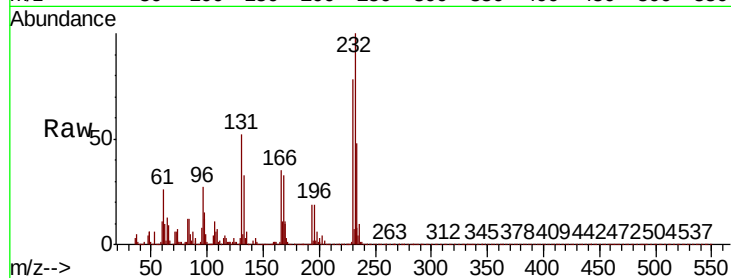




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.228 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

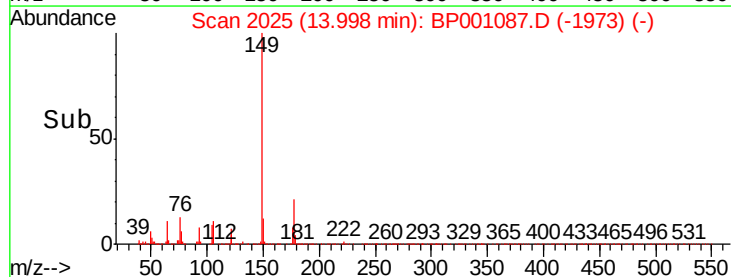
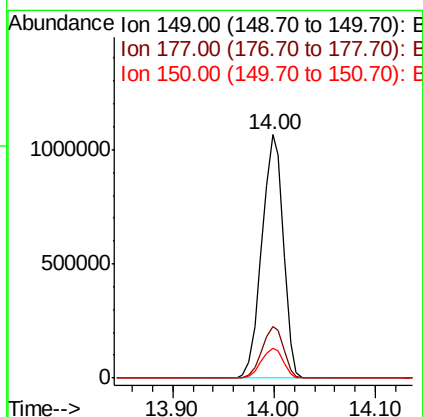
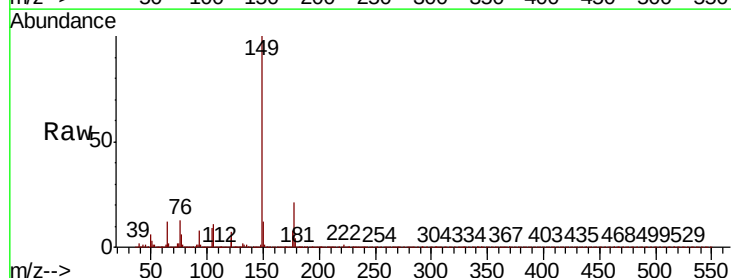
Instrument :
BNA_P
ClientSampleId :

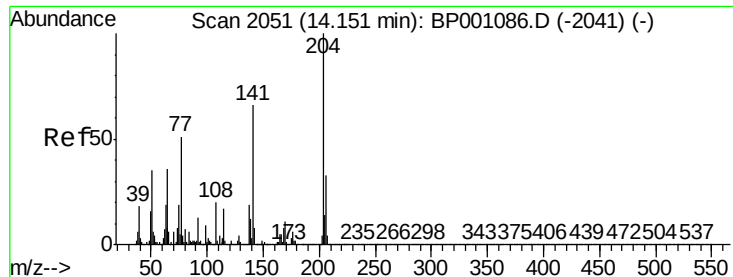
Tot Ion:	232	Resp:	364167
Ion	Ratio	Lower	Upper
232	100		
131	50.1	39.6	59.4
130	2.6	1.9	2.9
166	33.0	25.7	38.5



#60
Diethylphthalate
Concen: 50.776 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:	149	Resp:	1560335
Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	12.3	9.9	14.9

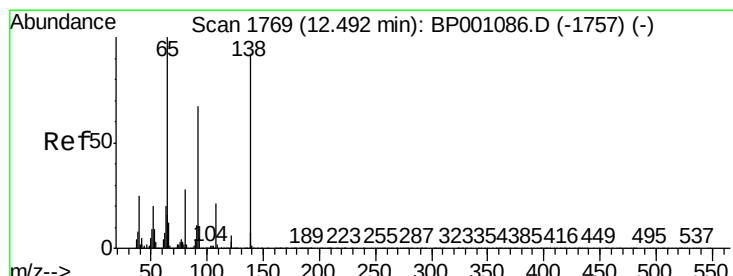
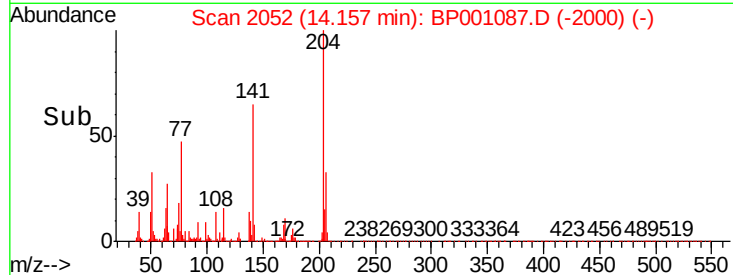
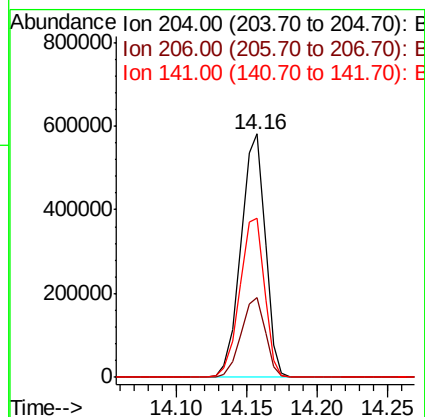
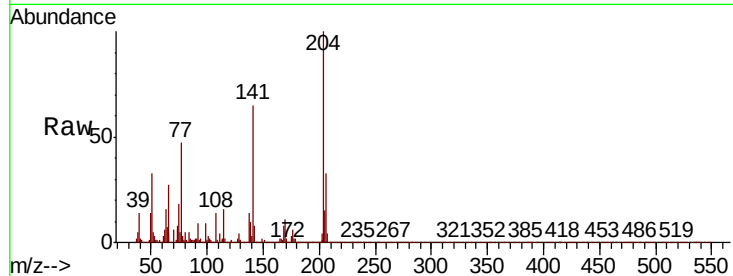




#61
4-Chlorophenyl-phenylether
Concen: 46.846 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

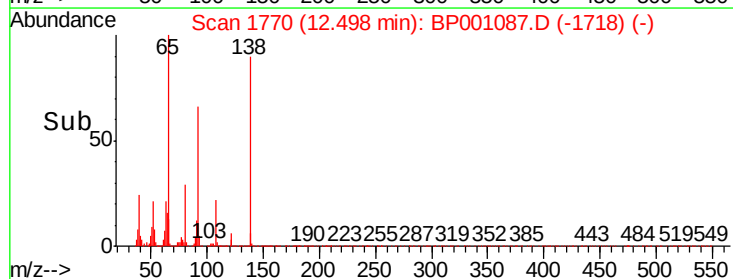
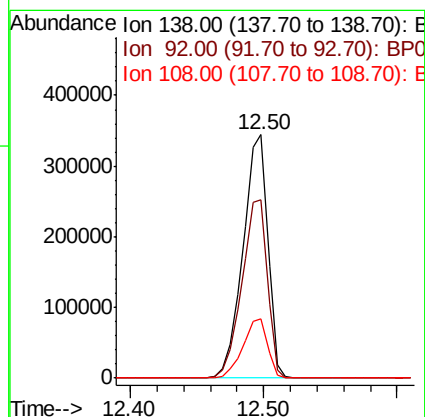
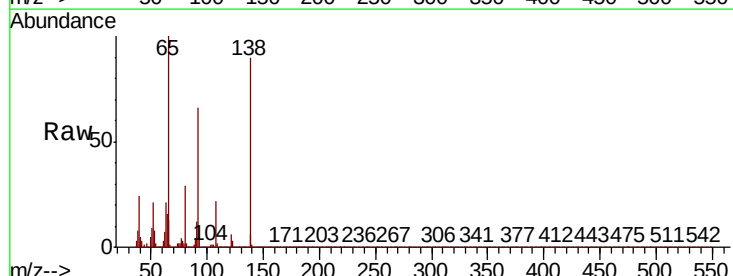
Instrument :
BNA_P
ClientSampled :

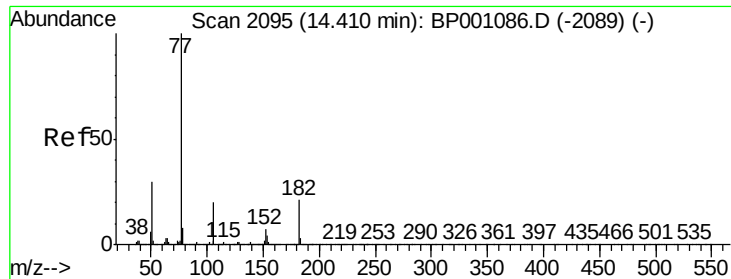
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.1	39.1
141	65.3	52.7	79.1



#62
4-Nitroaniline
Concen: 58.943 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	73.5	53.3	93.3
108	24.5	3.1	43.1

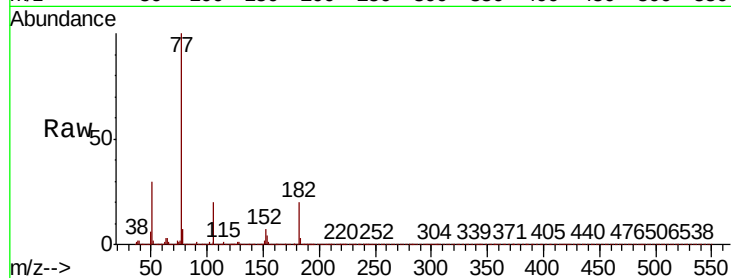




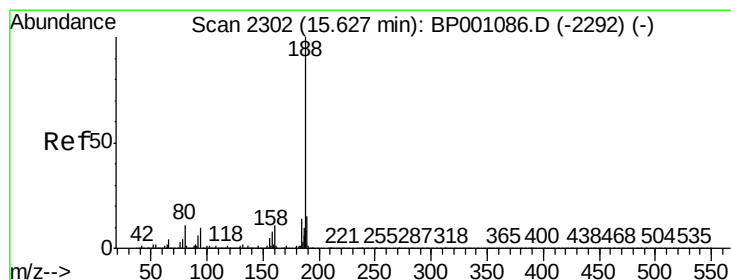
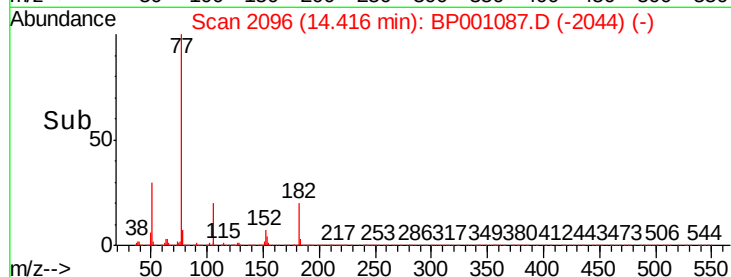
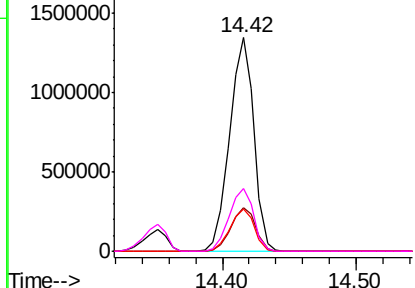
#63
Azobenzene
Concen: 63.431 ng
RT: 14.42 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	1705983
Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.8	40.8
105	20.0	0.3	40.3
51	29.6	9.6	49.6

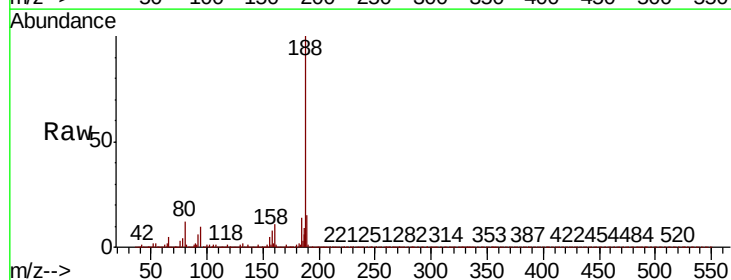


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

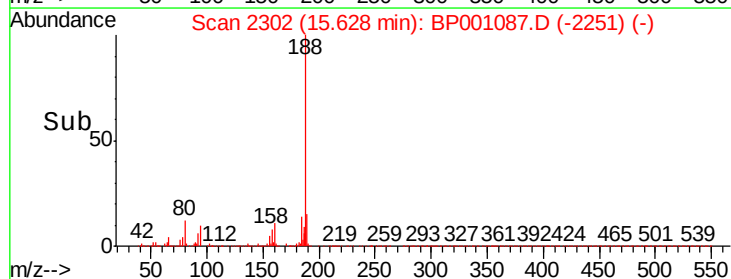
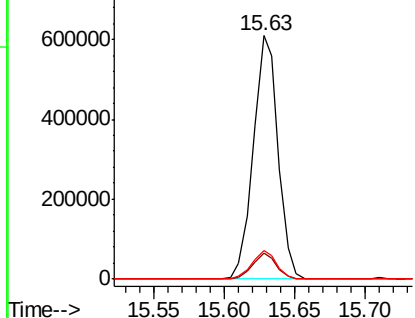


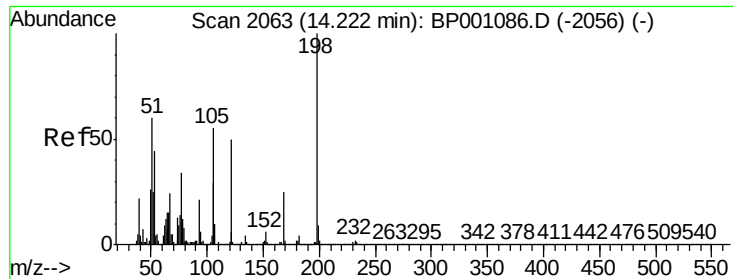
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:	188	Resp:	749768
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.9	11.9
80	11.6	8.8	13.2



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

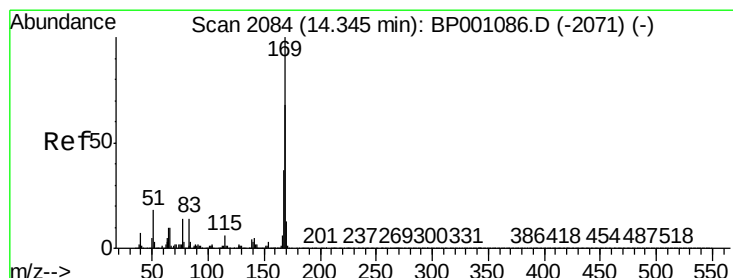
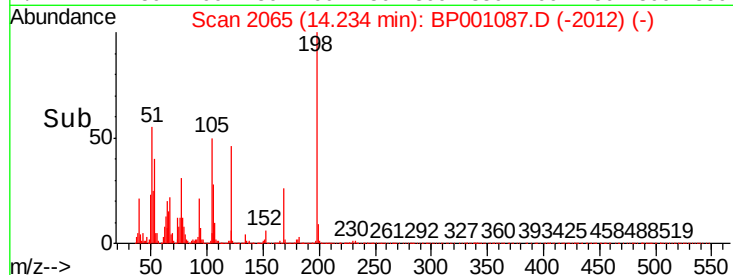
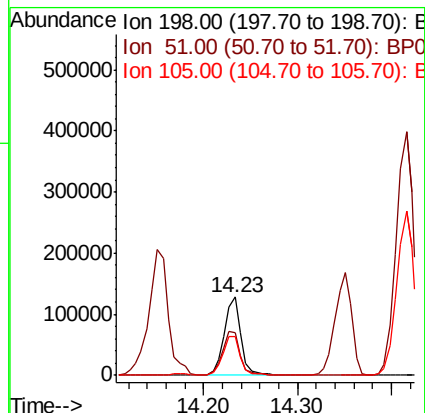
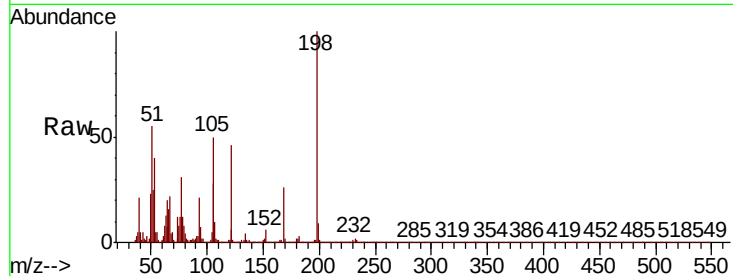




#65
4,6-Dinitro-2-methylphenol
Concen: 75.503 ng
RT: 14.23 min Scan# 2065
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

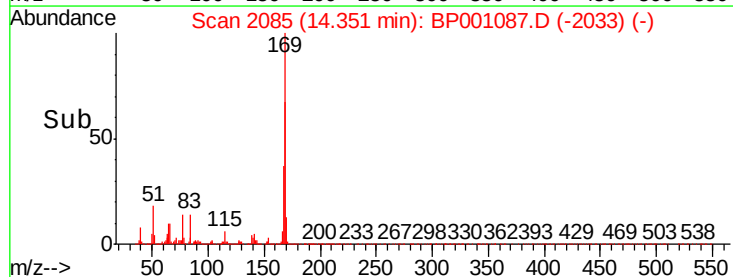
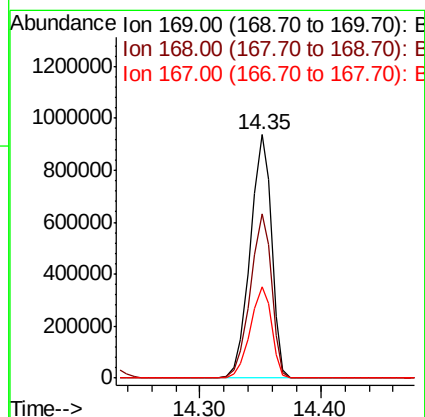
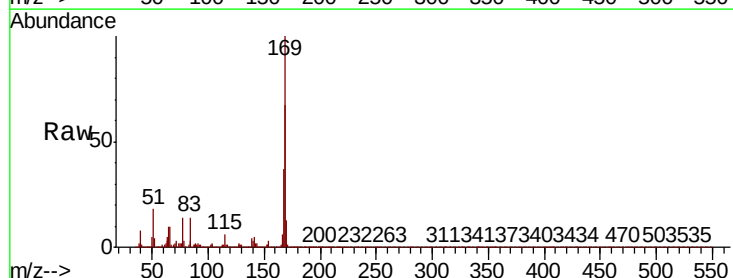
Instrument :
BNA_P
ClientSampleId :

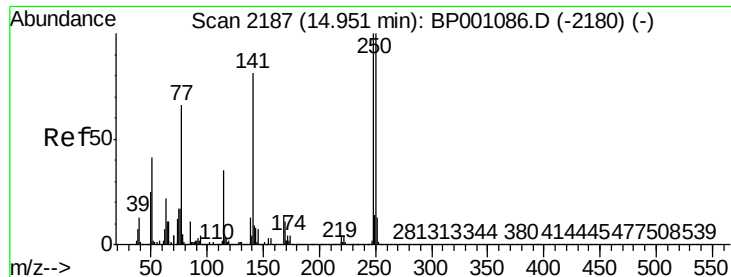
Tot Ion:198 Resp: 159717
Ion Ratio Lower Upper
198 100
51 54.9 40.5 80.5
105 50.2 35.7 75.7



#66
n-Nitrosodiphenylamine
Concen: 53.906 ng
RT: 14.35 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:169 Resp: 1162061
Ion Ratio Lower Upper
169 100
168 67.3 54.1 81.1
167 37.3 29.5 44.3

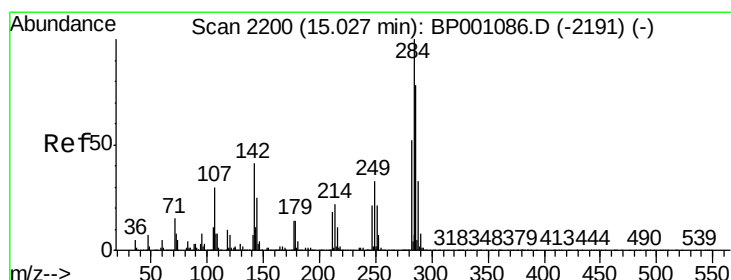
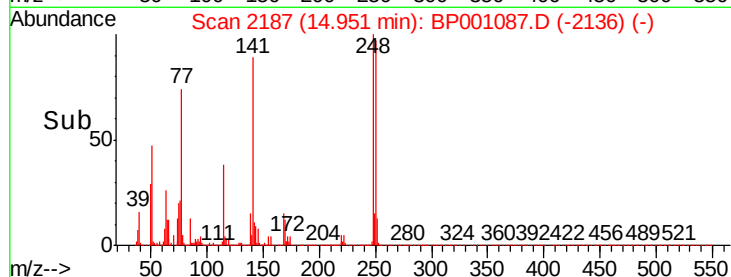
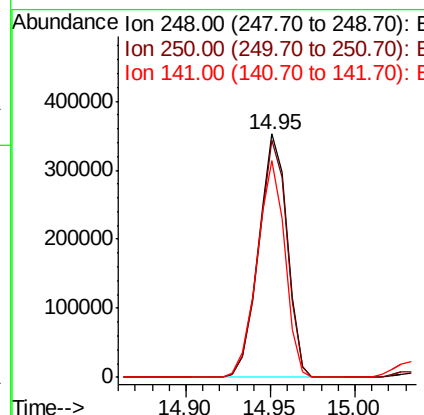
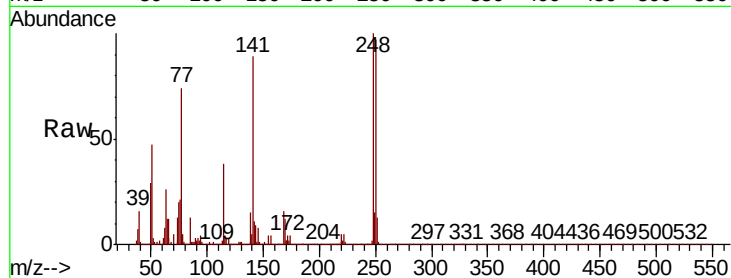




#67
4-Bromophenyl-phenylether
Concen: 47.202 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

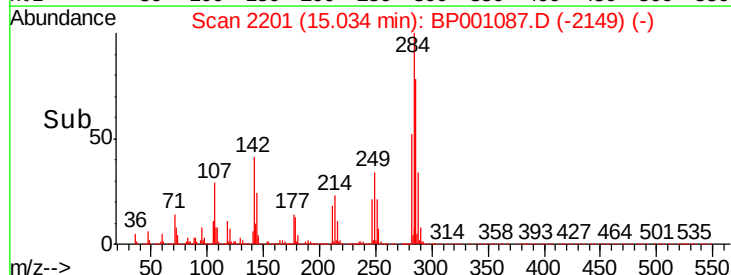
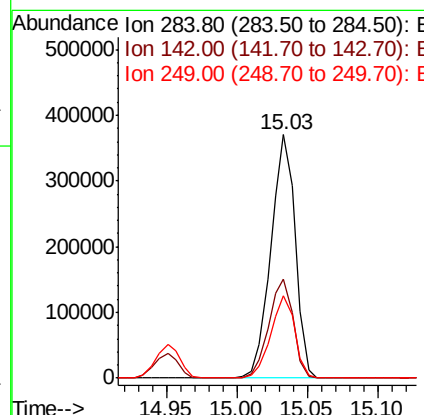
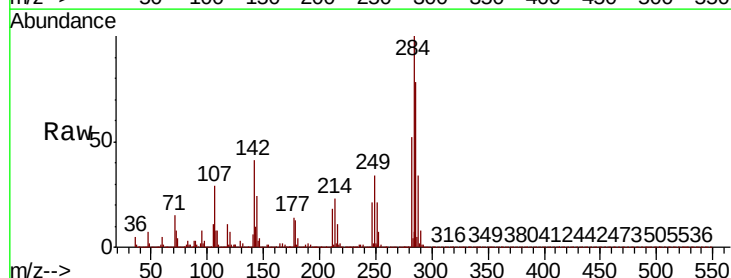
Instrument :
BNA_P
ClientSampleId :

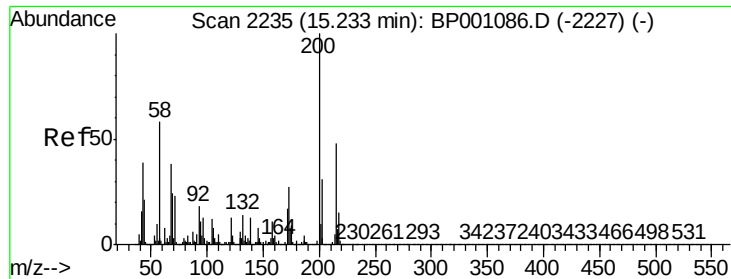
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	80.3	120.5
141	89.1	64.9	97.3



#68
Hexachlorobenzene
Concen: 43.877 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.6	33.2	49.8
249	33.8	26.2	39.4





#69

Atrazine

Concen: 42.461 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

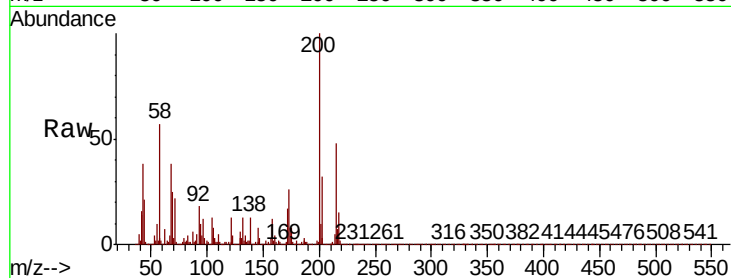
Tot Ion:200 Resp: 333288

Ion Ratio Lower Upper

200 100

173 26.4 6.7 46.7

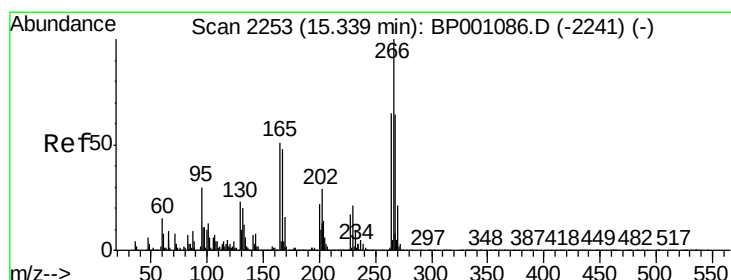
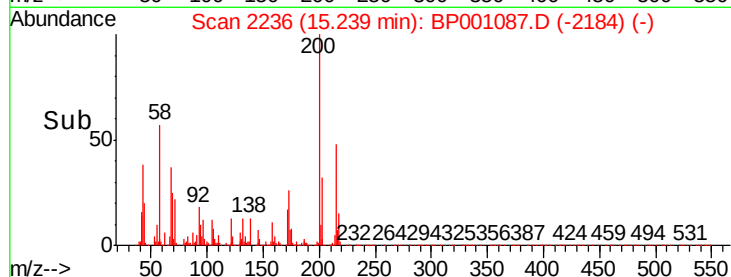
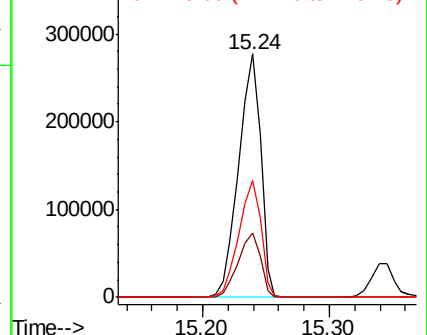
215 48.2 27.9 67.9



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: 53.857 ng

RT: 15.35 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

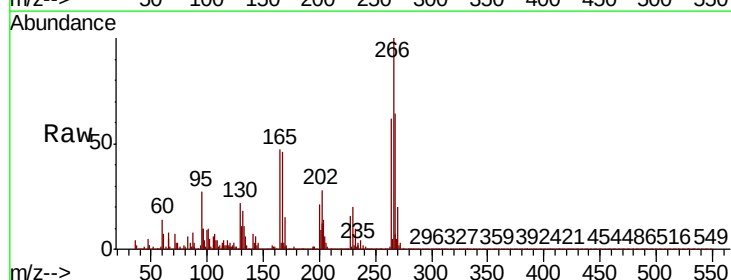
Tgt Ion:266 Resp: 245213

Ion Ratio Lower Upper

266 100

268 64.3 51.6 77.4

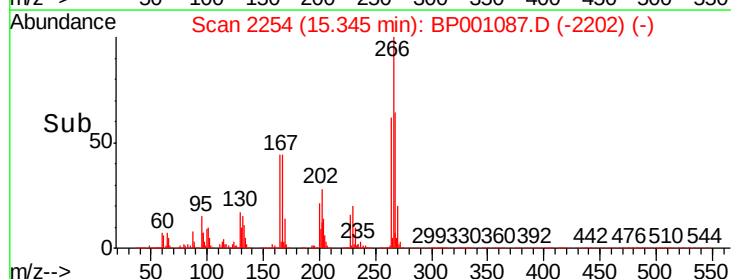
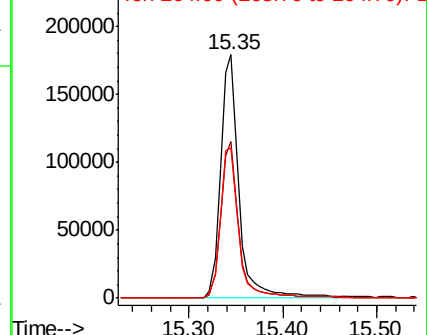
264 61.5 52.2 78.4

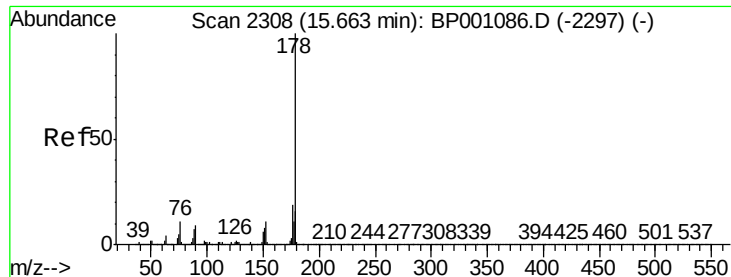


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.867 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

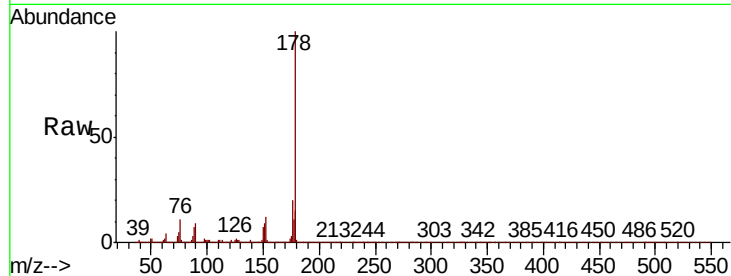
Tot Ion:178 Resp: 1951981

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.5	18.7

178 100

176 19.6 15.4 23.2

179 15.4 12.5 18.7

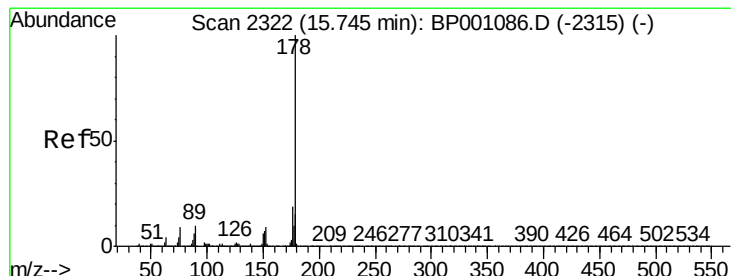
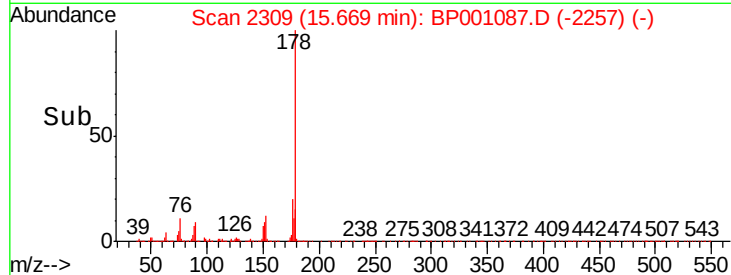
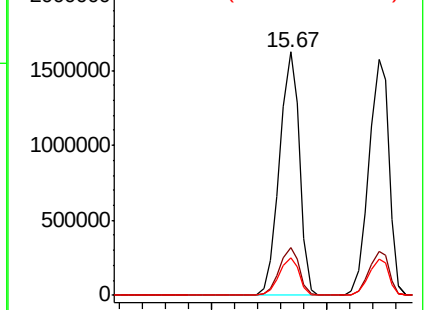


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.467 ng

RT: 15.75 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

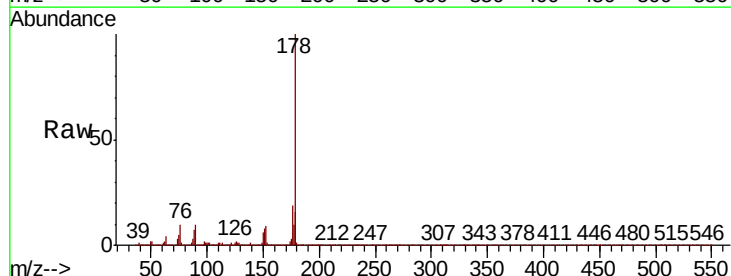
Tgt Ion:178 Resp: 1926635

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.2	18.4

178 100

176 18.7 14.9 22.3

179 15.5 12.2 18.4

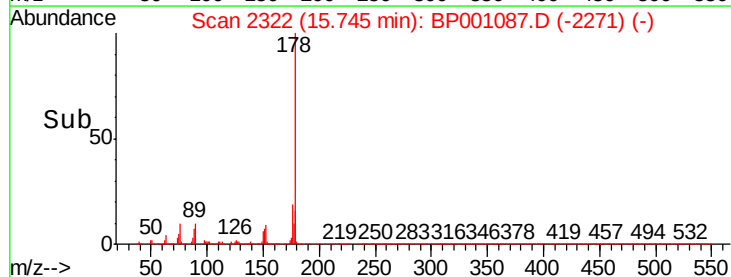
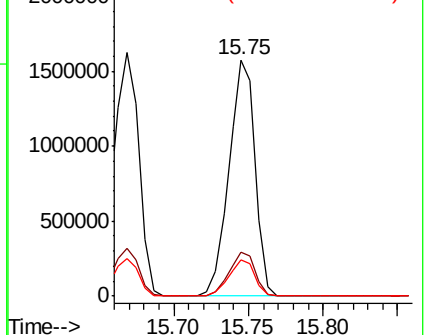


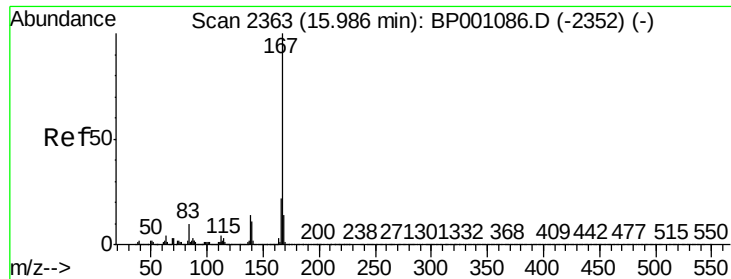
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



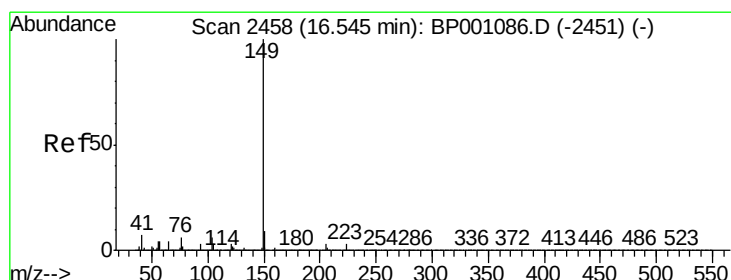
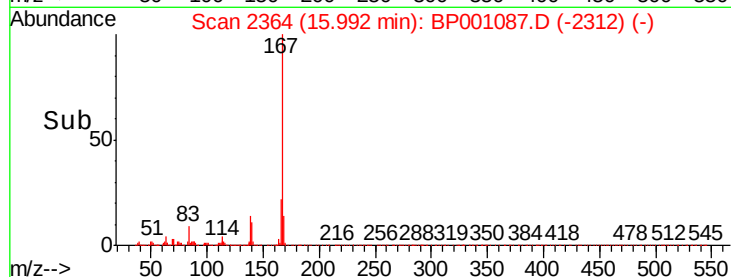
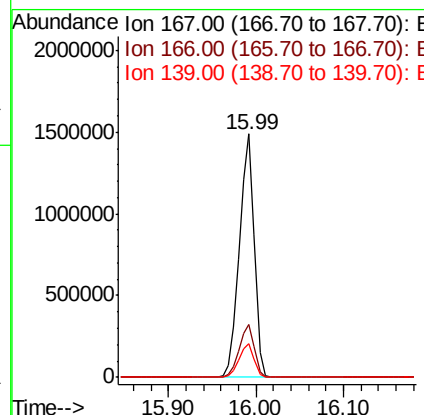
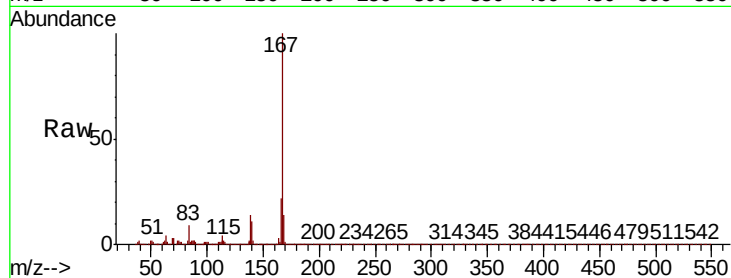


#73
 Carbazole
 Concen: 50.260 ng
 RT: 15.99 min Scan# 2364
 Delta R.T. 0.01 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1724961

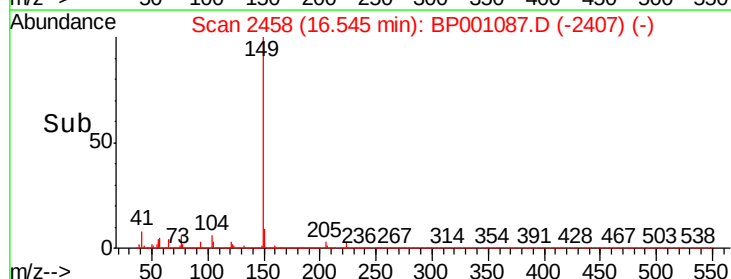
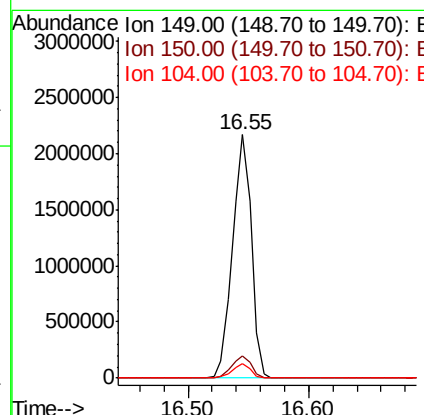
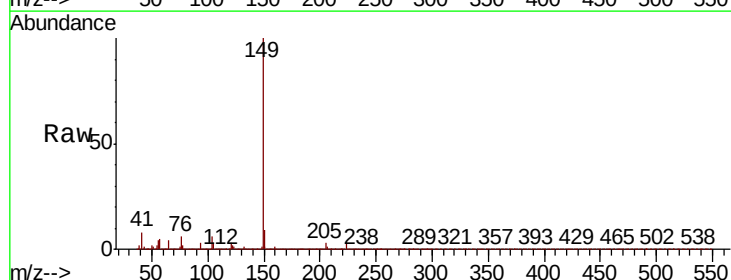
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.9	11.3	16.9

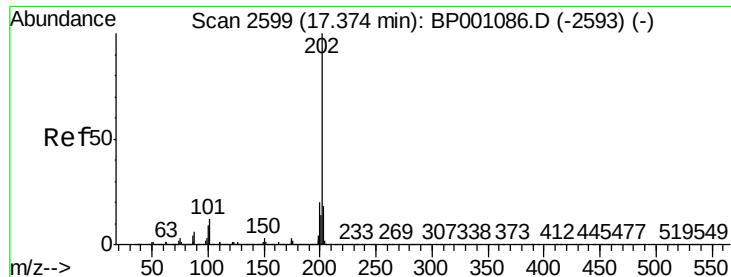


#74
 Di-n-butylphthalate
 Concen: 56.755 ng
 RT: 16.55 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BP001087.D
 Acq: 27 Nov 2019 15:29

Tgt Ion:149 Resp: 2350850

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	6.2	4.6	6.8





#75

Fluoranthene

Concen: 45.715 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

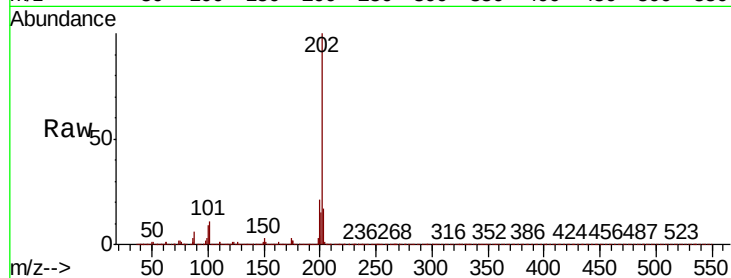
Tot Ion:202 Resp: 1982867

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.1

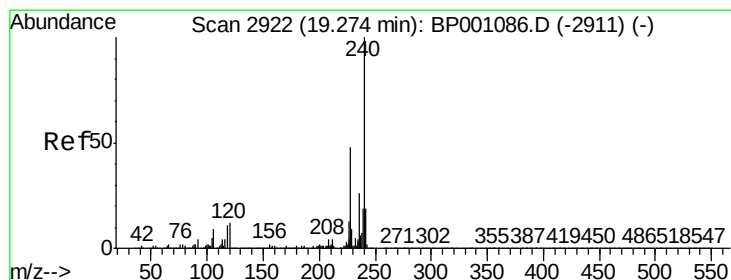
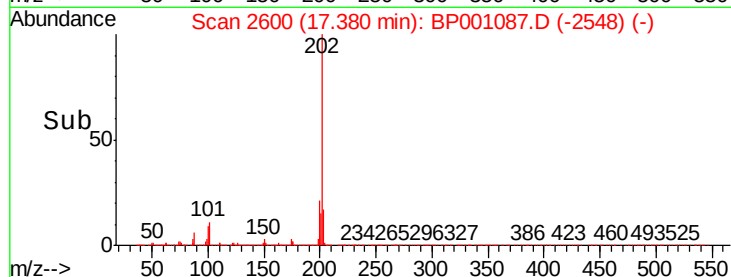
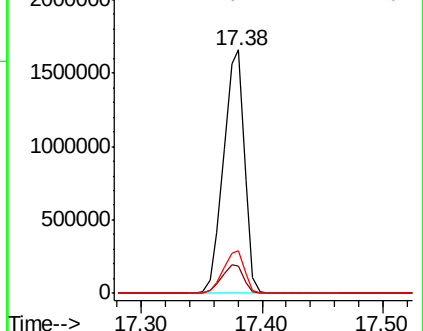
203 17.3 0.0 37.8



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: 19.28 min Scan# 2923

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

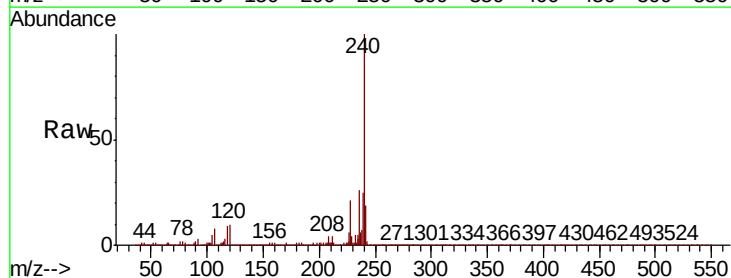
Tgt Ion:240 Resp: 508323

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

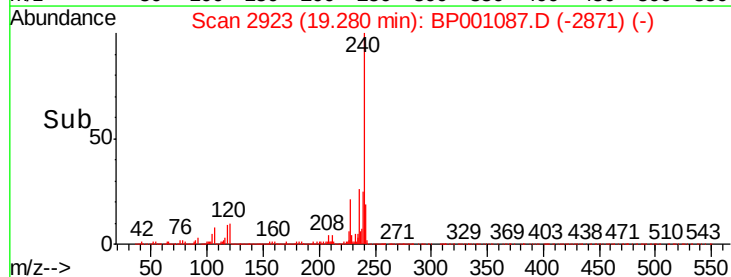
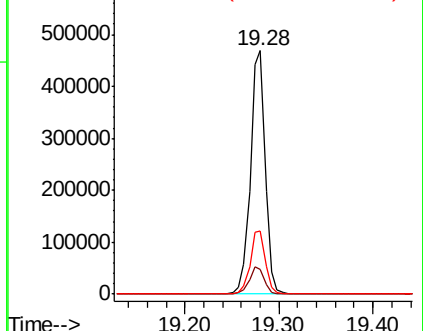
236 26.1 20.4 30.6

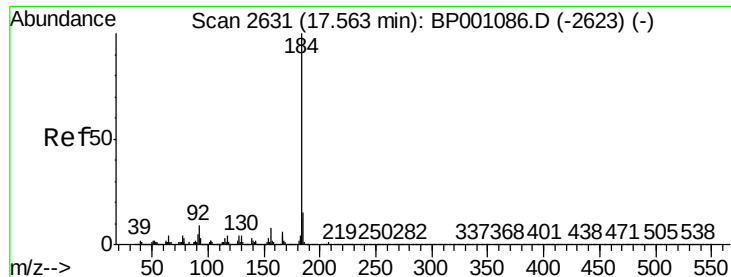


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.129 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampled :

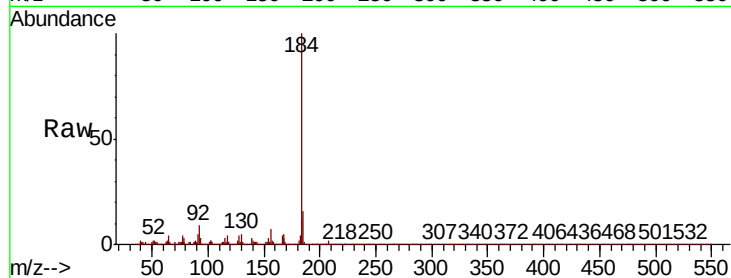
Tot Ion:184 Resp: 451673

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.4

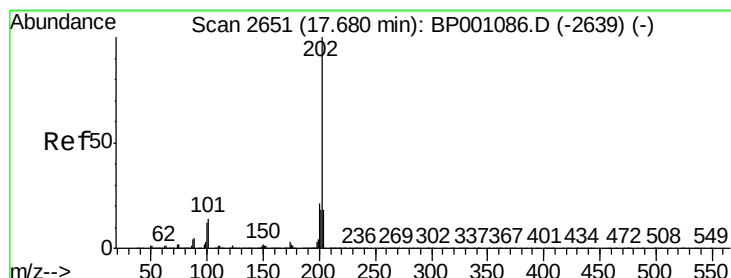
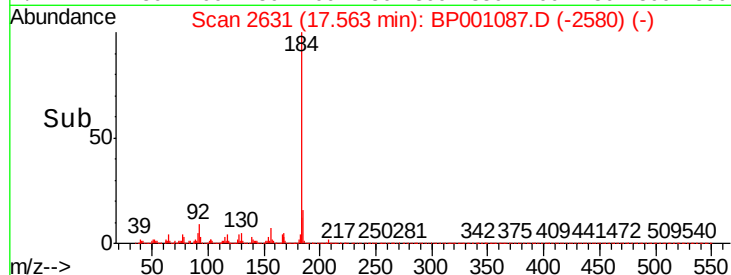
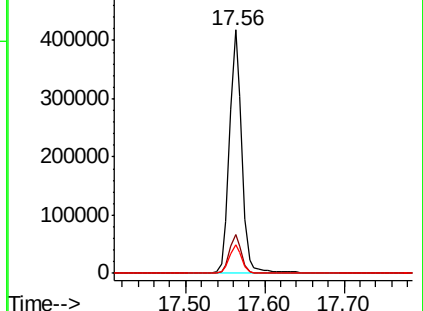
183 11.9 9.3 13.9



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: 55.812 ng

RT: 17.69 min Scan# 2652

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

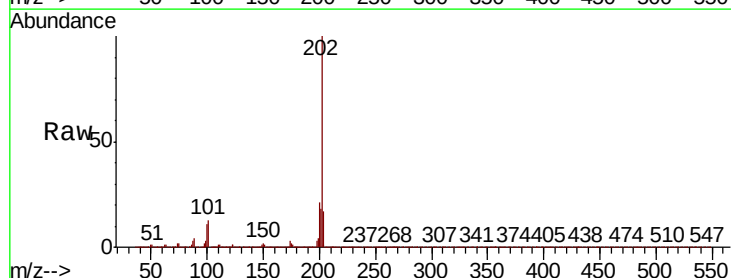
Tgt Ion:202 Resp: 2004979

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

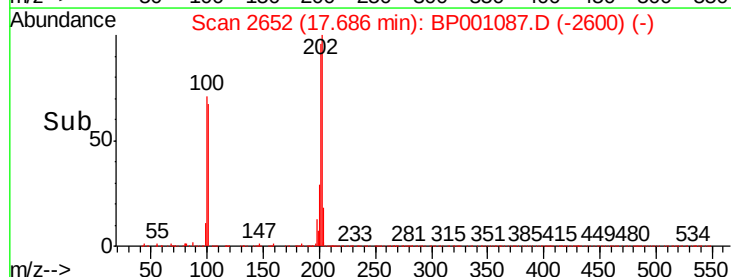
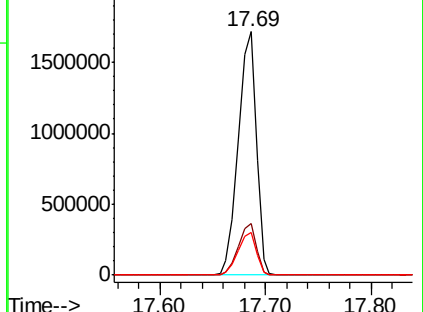
203 17.3 14.1 21.1

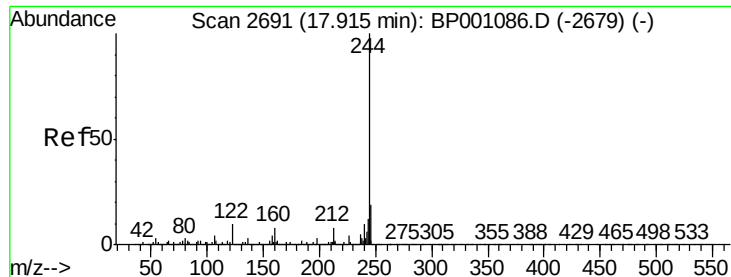


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.307 ng

RT: 17.92 min Scan# 2691

Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

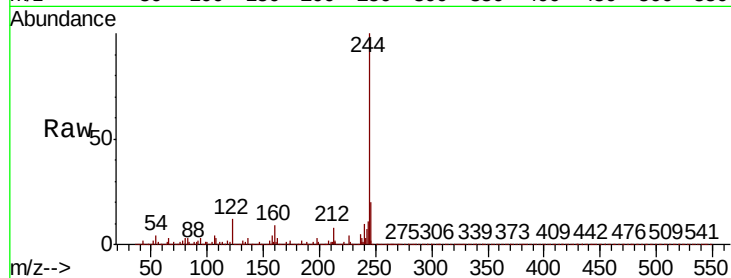
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 2716641

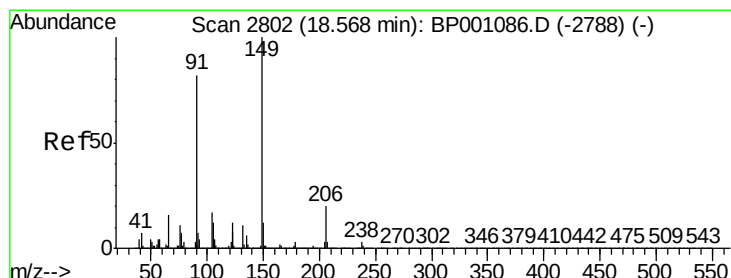
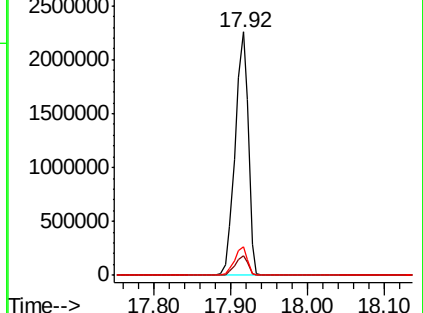
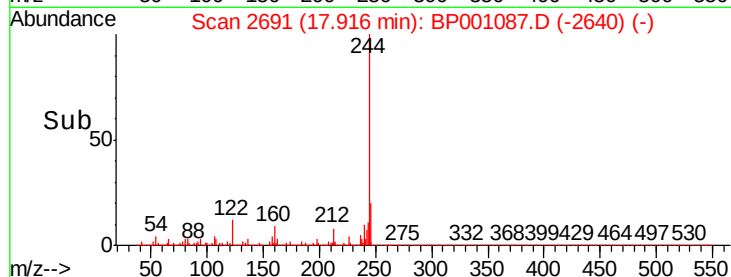
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	11.6	8.2	12.2



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: 67.088 ng

RT: 18.57 min Scan# 2802

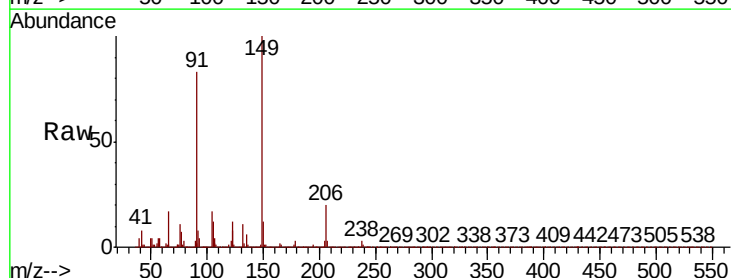
Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Tgt Ion:149 Resp: 954285

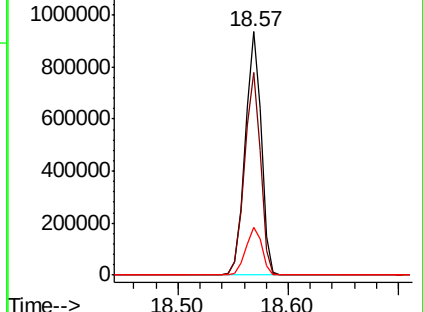
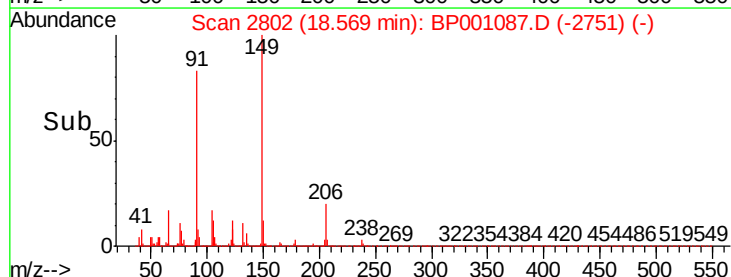
Ion	Ratio	Lower	Upper
149	100		
91	83.1	65.4	98.2
206	19.7	16.0	24.0

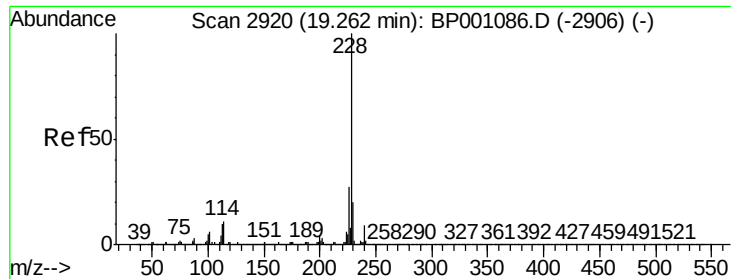


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.380 ng

RT: 19.26 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

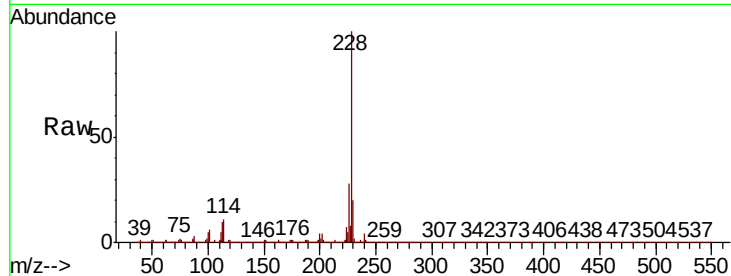
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1759015

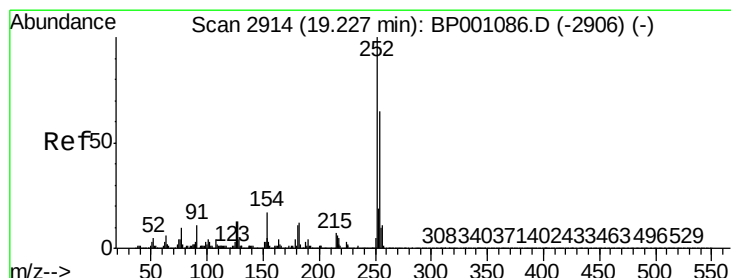
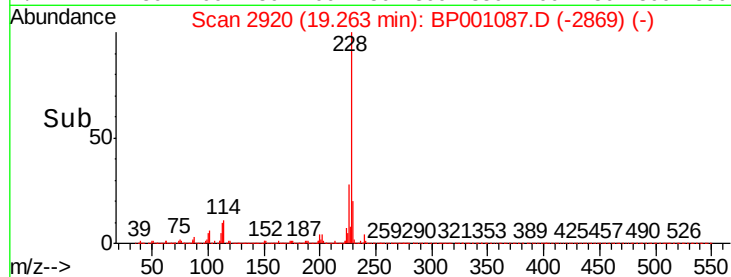
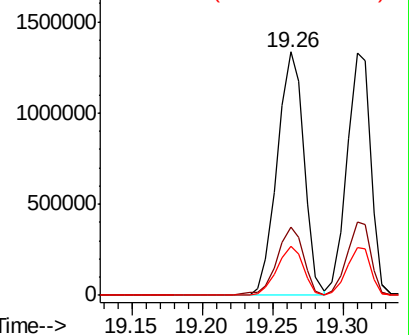
Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.0	15.8	23.6



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: 47.230 ng

RT: 19.23 min Scan# 2915

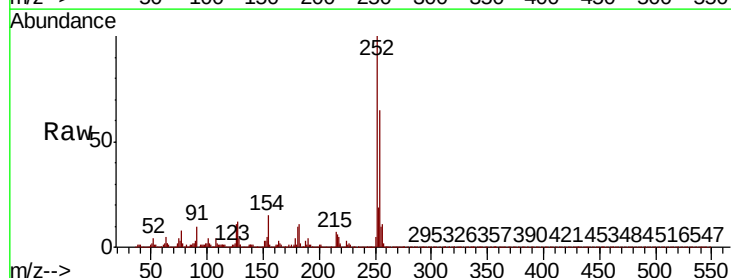
Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Tgt Ion:252 Resp: 589539

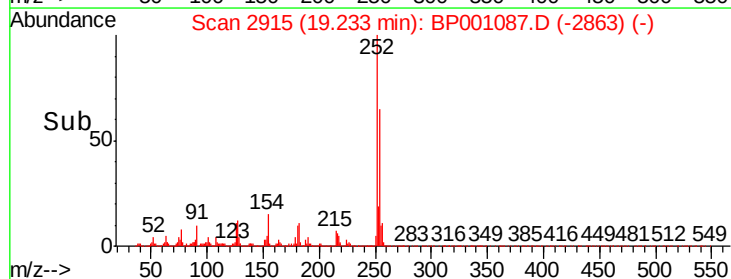
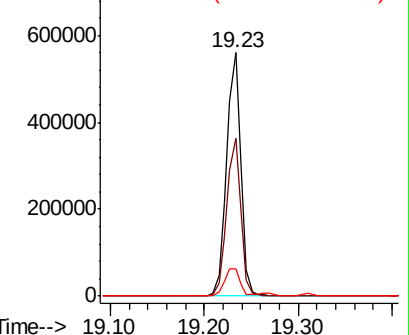
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	11.4	10.2	15.4

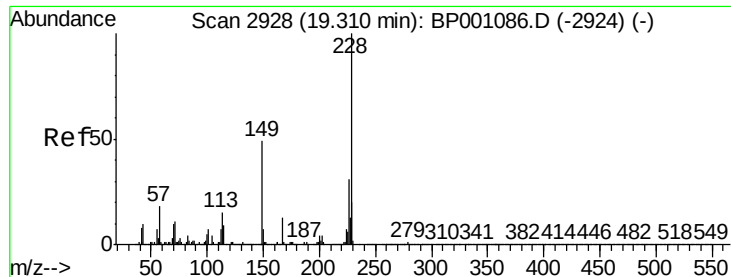


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

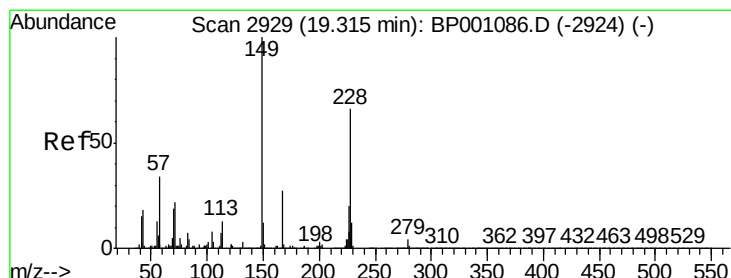
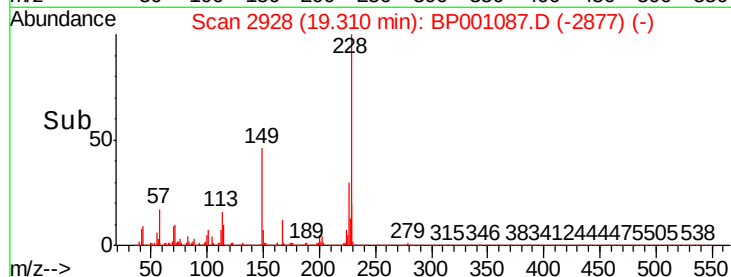
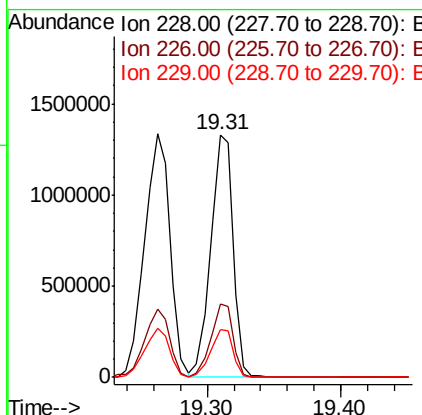
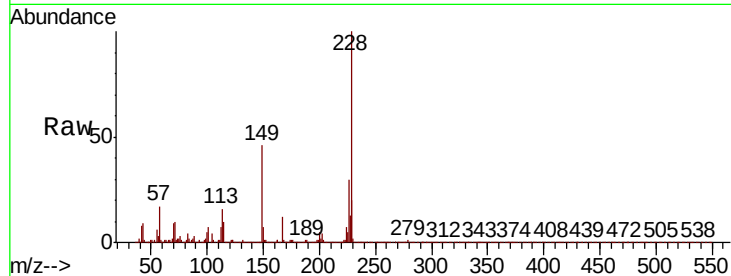




#83
Chrysene
Concen: 52.093 ng
RT: 19.31 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

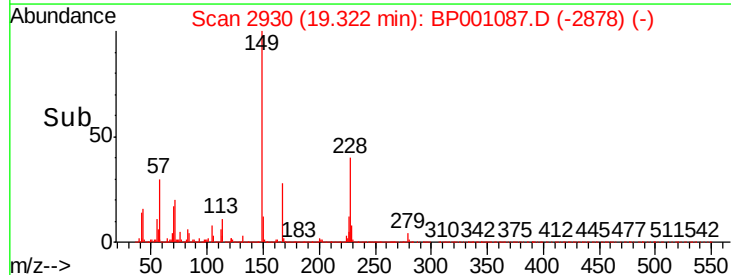
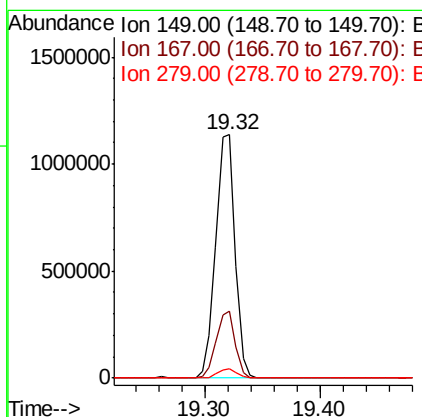
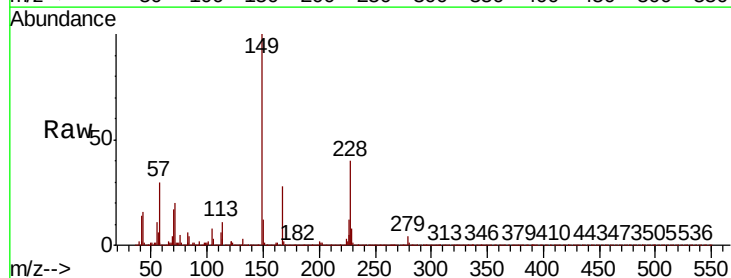
Instrument :
BNA_P
ClientSampleId :

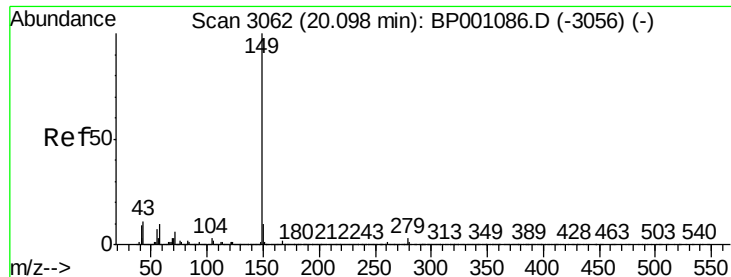
Tot Ion:228 Resp: 1565736
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.7 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 72.993 ng
RT: 19.32 min Scan# 2930
Delta R.T. 0.01 min
Lab File: BP001087.D
Acq: 27 Nov 2019 15:29

Tgt Ion:149 Resp: 1320136
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 4.0 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 73.351 ng

RT: 20.10 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

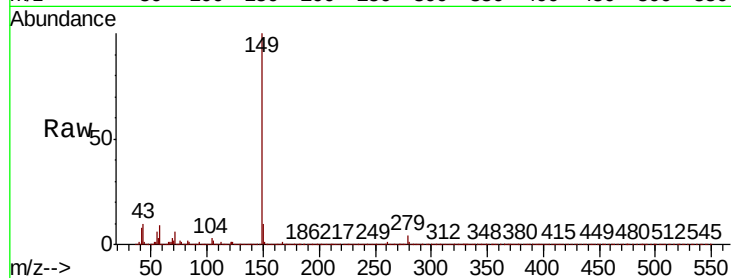
Tot Ion:149 Resp: 2388232

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

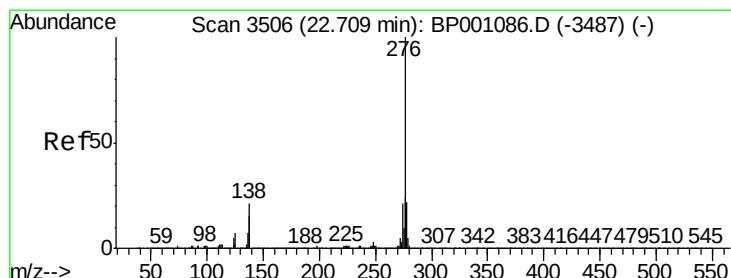
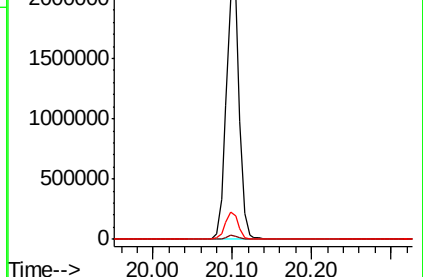
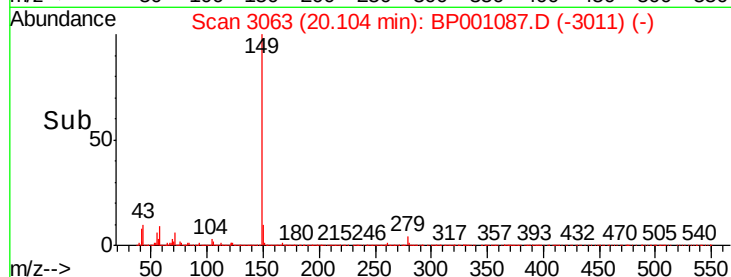
43 10.9 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.658 ng

RT: 22.72 min Scan# 3507

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

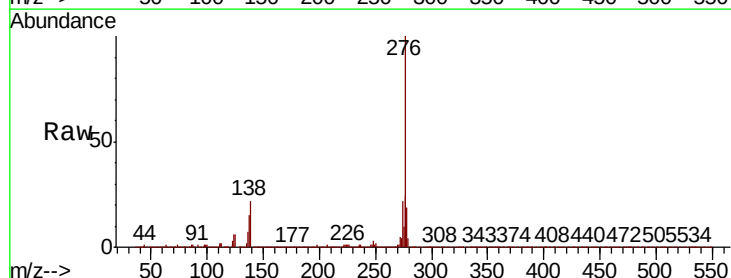
Tgt Ion:276 Resp: 1877695

Ion Ratio Lower Upper

276 100

138 25.4 20.6 30.8

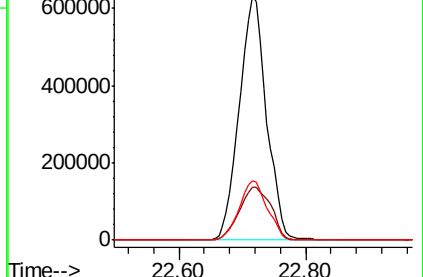
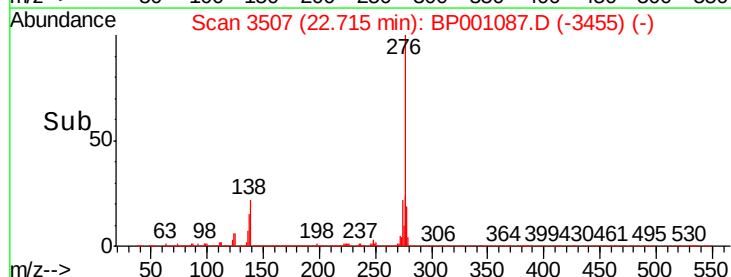
277 25.3 20.0 30.0

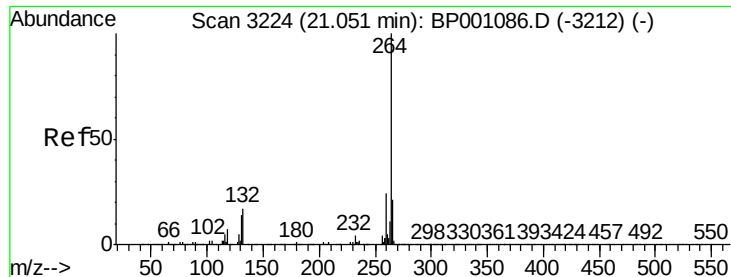


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

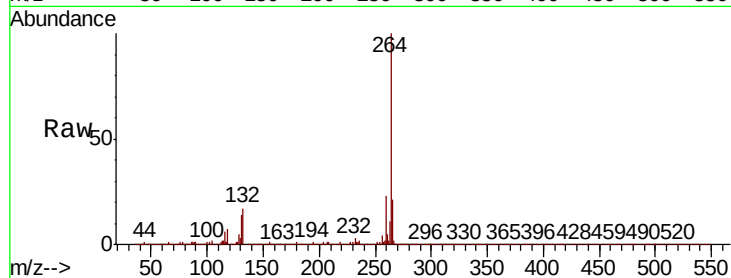
Instrument :

BNA_P

ClientSampleId :

Tot Ion:264 Resp: 558456

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.3	16.9	25.3

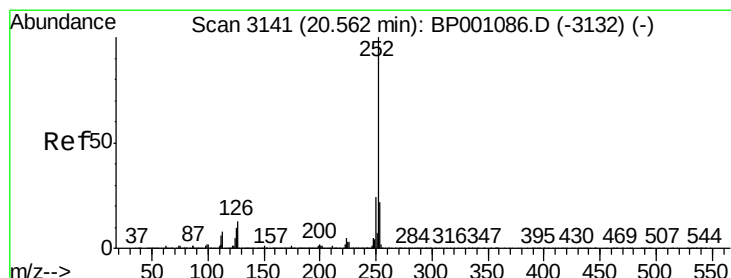
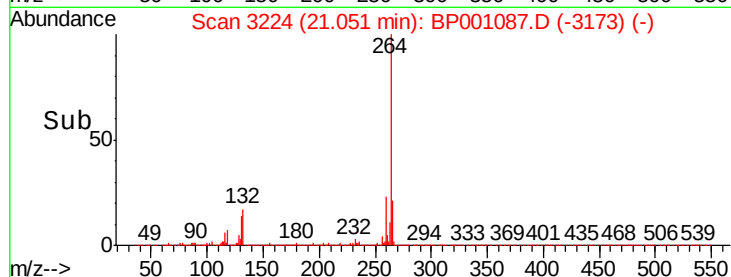
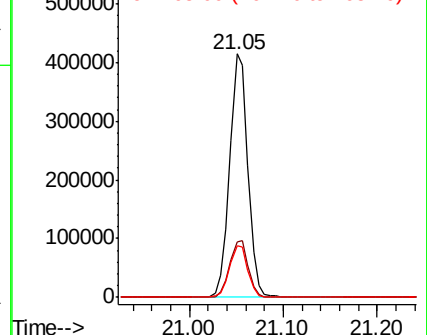


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.922 ng

RT: 20.57 min Scan# 3142

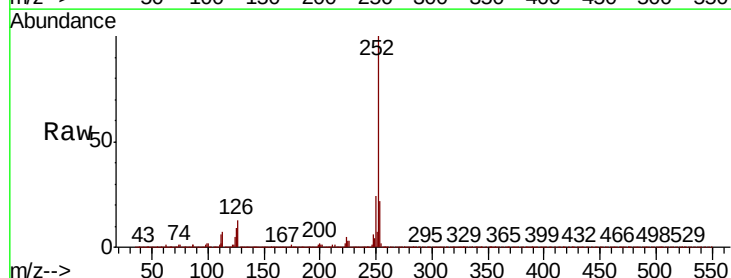
Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Tgt Ion:252 Resp: 1761701

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	9.5	8.1	12.1

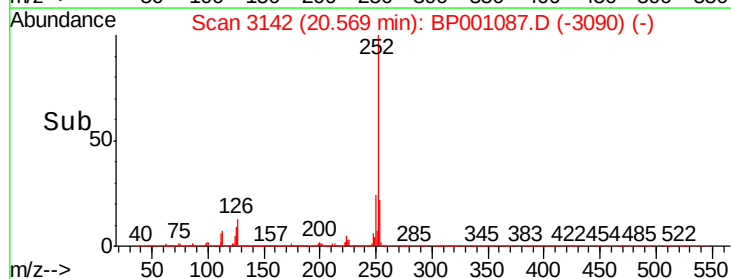
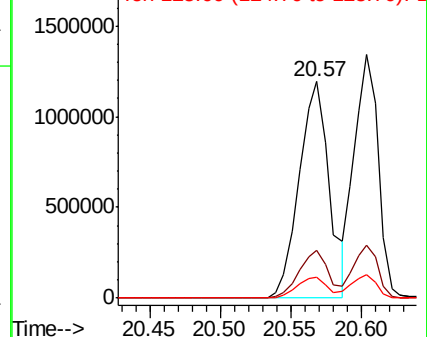


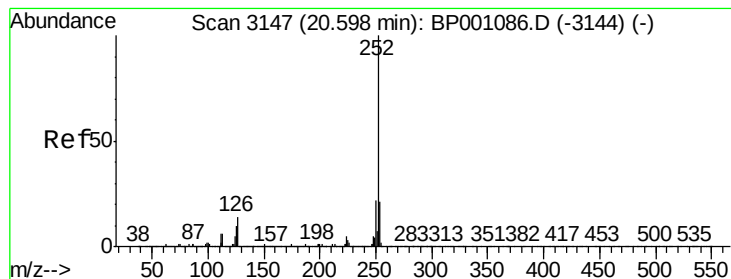
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.558 ng

RT: 20.60 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

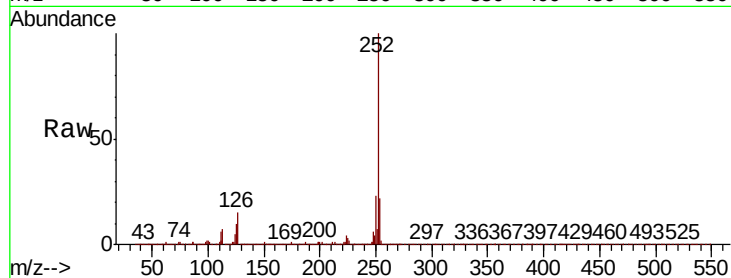
Tot Ion:252 Resp: 1584279

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

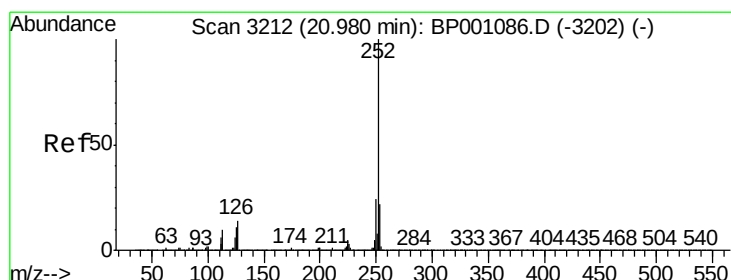
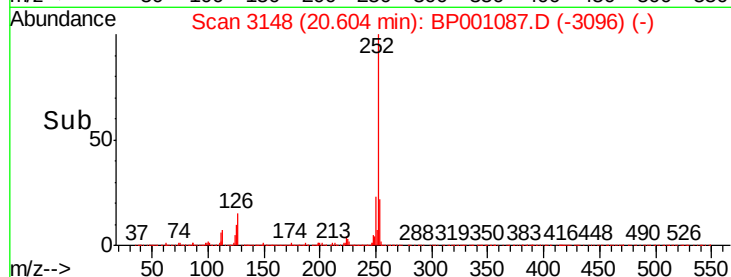
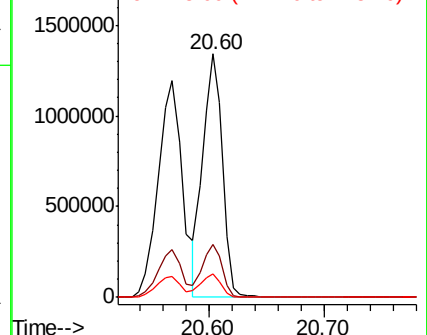
125 9.8 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.160 ng

RT: 20.99 min Scan# 3213

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

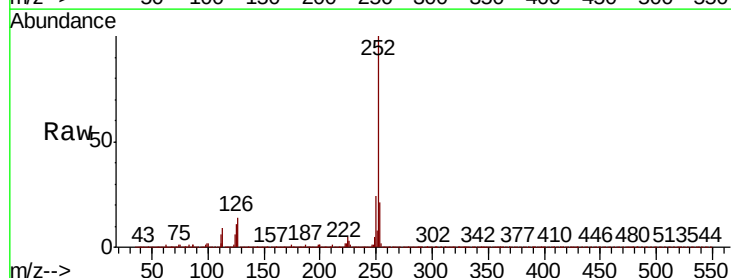
Tgt Ion:252 Resp: 1566000

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

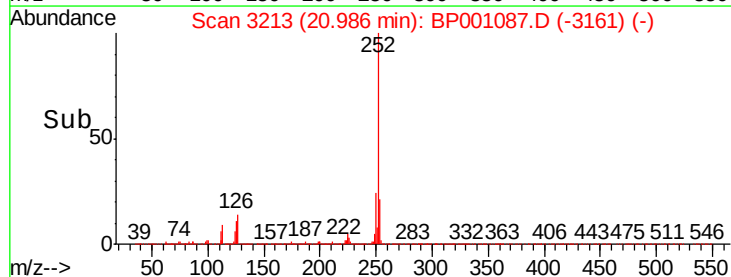
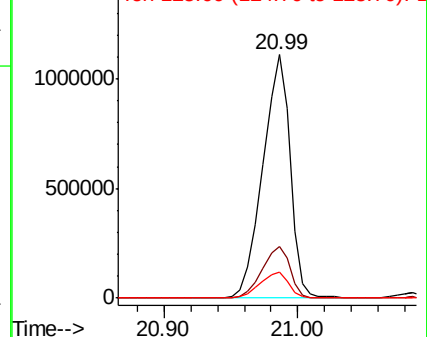
125 10.9 8.7 13.1

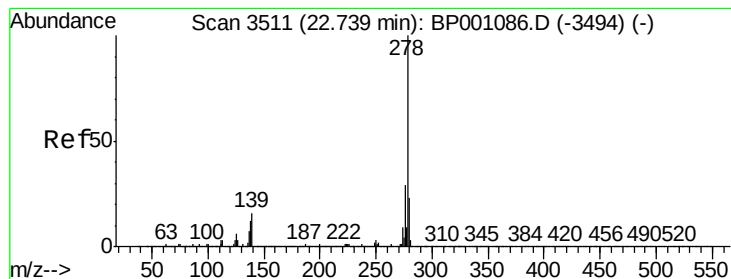


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.231 ng

RT: 22.74 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

Instrument :

BNA_P

ClientSampleId :

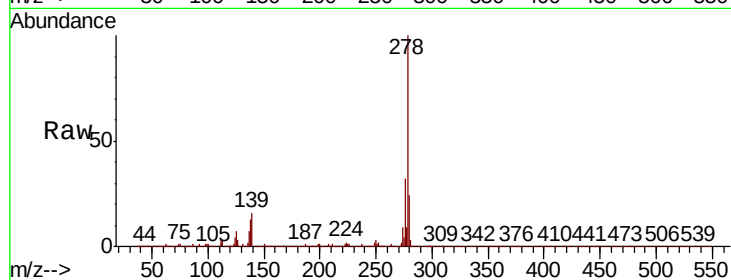
Tot Ion:278 Resp: 1538053

Ion Ratio Lower Upper

278 100

139 16.4 13.0 19.4

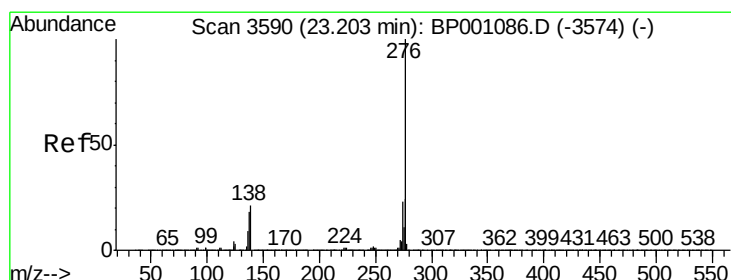
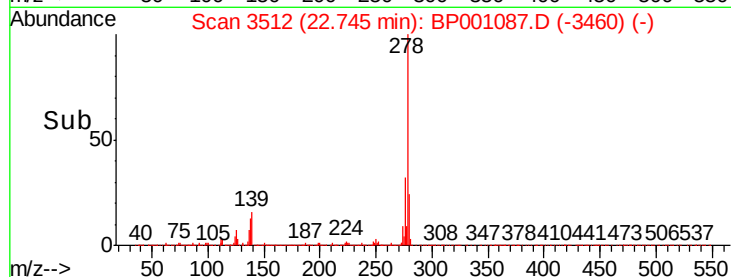
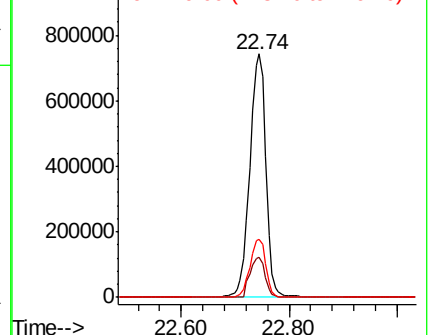
279 23.8 18.7 28.1



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: 48.628 ng

RT: 23.21 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BP001087.D

Acq: 27 Nov 2019 15:29

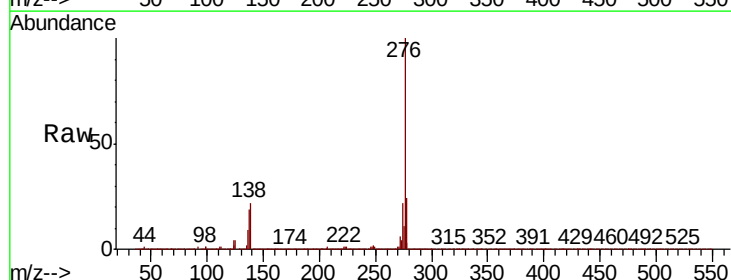
Tgt Ion:276 Resp: 1529714

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 22.3 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

