

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001136.D
 Acq On : 02 Dec 2019 20:13
 Operator : JU
 Sample : K5676-38MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 00:17:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	151901	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	554897	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	298255	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	558879	20.00	ng	0.00
76) Chrysene-d12	19.27	240	417714	20.00	ng	0.00
87) Perylene-d12	21.05	264	474686	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.26	112	1286001	140.46	ng	0.03
7) Phenol-d6	7.79	99	1739158	142.58	ng	0.02
23) Nitrobenzene-d5	9.22	82	1166005	91.17	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	402144	140.67	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1847103	90.64	ng	0.00
79) Terphenyl-d14	17.92	244	2115745	93.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	164463	38.457	ng	# 83
3) Pyridine	3.56	79	394394	33.235	ng	96
4) n-Nitrosodimethylamine	3.45	42	249226	48.533	ng	89
6) Aniline	7.81	93	171846	10.626	ng	# 1
8) 2-Chlorophenol	8.00	128	448106	47.304	ng	98
9) Benzaldehyde	7.63	77	184092	22.766	ng	98
10) Phenol	7.80	94	602547	43.428	ng	92
11) bis(2-Chloroethyl)ether	7.94	93	480862	44.507	ng	98
12) 1,3-Dichlorobenzene	8.24	146	478674	42.633	ng	98
13) 1,4-Dichlorobenzene	8.36	146	487778	43.126	ng	99
14) 1,2-Dichlorobenzene	8.59	146	460249	43.237	ng	99
15) Benzyl Alcohol	8.56	79	475486	47.488	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	740067	42.606	ng	99
17) 2-Methylphenol	8.75	107	395540	45.520	ng	97
18) Hexachloroethane	9.13	117	196912	42.085	ng	98
19) n-Nitroso-di-n-propylamine	9.00	70	384825	43.722	ng	96
20) 3+4-Methylphenols	9.00	107	502356	45.862	ng	99
22) Acetophenone	8.98	105	732162	44.893	ng	# 98
24) Nitrobenzene	9.25	77	583348	45.868	ng	99
25) Isophorone	9.64	82	1040684	45.376	ng	99
26) 2-Nitrophenol	9.75	139	217470	46.683	ng	95
27) 2,4-Dimethylphenol	9.85	122	398229	53.969	ng	95
28) bis(2-Chloroethoxy)methane	10.00	93	619404	43.045	ng	99
29) 2,4-Dichlorophenol	10.15	162	390470	46.494	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	423348	43.159	ng	99
31) Naphthalene	10.40	128	1324096	46.722	ng	99
32) Benzoic acid	10.03	122	182717	34.251	ng	95
33) 4-Chloroaniline	10.49	127	82010	6.668	ng	98
34) Hexachlorobutadiene	10.62	225	267040	43.276	ng	100
35) Caprolactam	11.07	113	87504	30.232	ng	94
36) 4-Chloro-3-methylphenol	11.31	107	461338	46.332	ng	99
37) 2-Methylnaphthalene	11.53	142	875579	45.278	ng	98
38) 1-Methylnaphthalene	11.69	142	810641	44.376	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	418780	44.554	ng	99

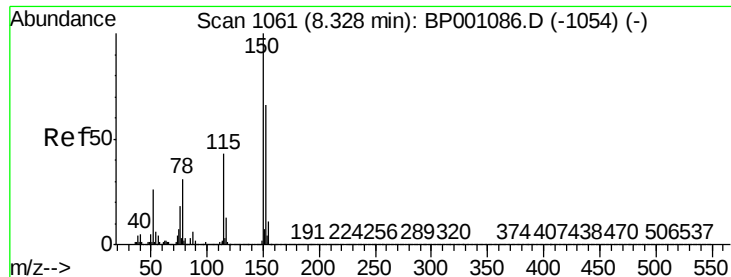
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 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	282893	65.240	ng	100
43) 2,4,6-Trichlorophenol	12.00	196	280960	45.780	ng	99
44) 2,4,5-Trichlorophenol	12.06	196	298059	46.874	ng	95
46) 1,1'-Biphenyl	12.30	154	1040671	45.148	ng	100
47) 2-Chloronaphthalene	12.32	162	814653	44.246	ng	98
48) 2-Nitroaniline	12.49	65	322815	44.736	ng	99
49) Acenaphthylene	13.00	152	1300335	47.116	ng	99
50) Dimethylphthalate	12.83	163	994794	44.596	ng	100
51) 2,6-Dinitrotoluene	12.91	165	218407	45.739	ng	99
52) Acenaphthene	13.29	154	752205	45.309	ng	99
53) 3-Nitroaniline	13.16	138	77779	14.500	ng	99
54) 2,4-Dinitrophenol	13.34	184	46409	28.789	ng	90
55) Dibenzofuran	13.57	168	1138155	45.623	ng	98
56) 4-Nitrophenol	13.47	139	348980	91.814	ng	86
57) 2,4-Dinitrotoluene	13.56	165	277472	46.359	ng	# 88
58) Fluorene	14.13	166	905229	45.284	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.71	232	228130	43.644	ng	94
60) Diethylphthalate	14.00	149	1006481	43.576	ng	100
61) 4-Chlorophenyl-phenylether	14.15	204	445432	43.758	ng	99
62) 4-Nitroaniline	12.49	138	267958	43.087	ng	96
63) Azobenzene	14.41	77	1123682	45.008	ng	97
65) 4,6-Dinitro-2-methylphenol	14.23	198	44143	22.285	ng	98
66) n-Nitrosodiphenylamine	14.35	169	790661	46.561	ng	100
67) 4-Bromophenyl-phenylether	14.95	248	264635	43.615	ng	97
68) Hexachlorobenzene	15.03	284	282771	42.391	ng	97
69) Atrazine	15.24	200	249994	48.216	ng	98
70) Pentachlorophenol	15.35	266	285443	82.102	ng	97
71) Phenanthrene	15.67	178	1334920	45.433	ng	99
72) Anthracene	15.75	178	1367538	47.221	ng	100
73) Carbazole	15.99	167	1239564	47.038	ng	100
74) Di-n-butylphthalate	16.55	149	1589363	44.857	ng	99
75) Fluoranthene	17.37	202	1466524	47.147	ng	100
77) Benzidine	17.56	184	380514	35.282	ng	98
78) Pyrene	17.68	202	1496913	45.499	ng	99
80) Butylbenzylphthalate	18.57	149	691806	45.526	ng	98
81) Benzo(a)anthracene	19.26	228	1324129	45.720	ng	99
82) 3,3'-Dichlorobenzidine	19.23	252	312613	32.674	ng	99
83) Chrysene	19.31	228	1203682	46.413	ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	913094	43.704	ng	99
85) Di-n-octyl phthalate	20.10	149	1666583	44.905	ng	99
86) Indeno(1,2,3-cd)pyrene	22.72	276	1414466	46.279	ng	99
88) Benzo(b)fluoranthene	20.57	252	1272001	43.872	ng	98
89) Benzo(k)fluoranthene	20.60	252	1241757	44.467	ng	98
90) Benzo(a)pyrene	20.99	252	1231818	46.125	ng	99
91) Dibenzo(a,h)anthracene	22.74	278	1176593	45.020	ng	99
92) Benzo(g,h,i)perylene	23.21	276	1180415	45.740	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

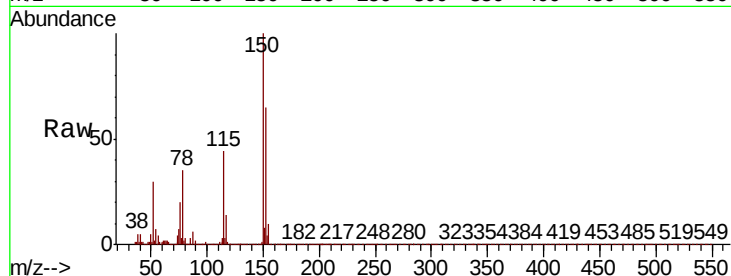
Tot Ion:152 Resp: 151901

Ion Ratio Lower Upper

152 100

150 152.9 120.6 181.0

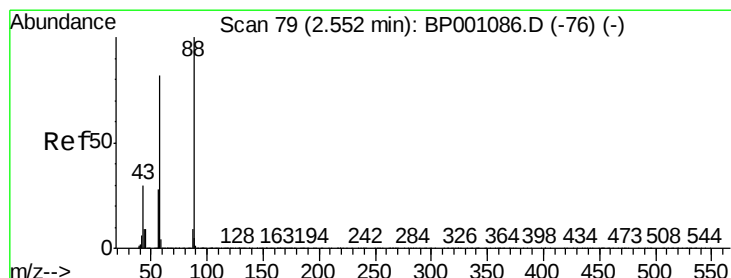
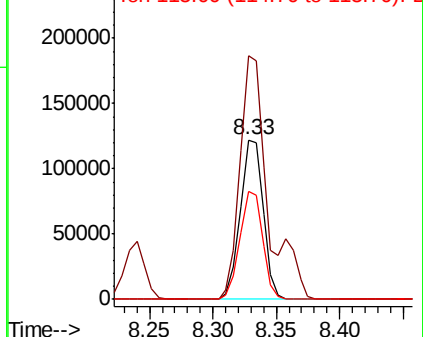
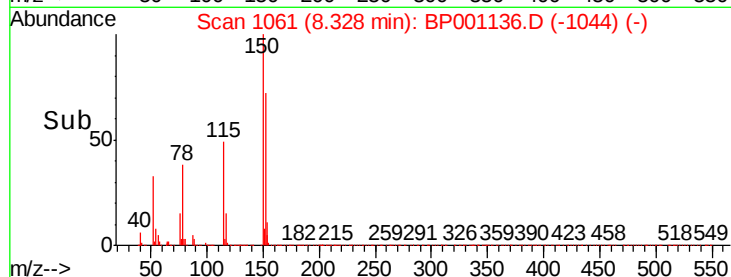
115 68.0 51.6 77.4



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: 38.457 ng

RT: 2.74 min Scan# 111

Delta R.T. 0.19 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

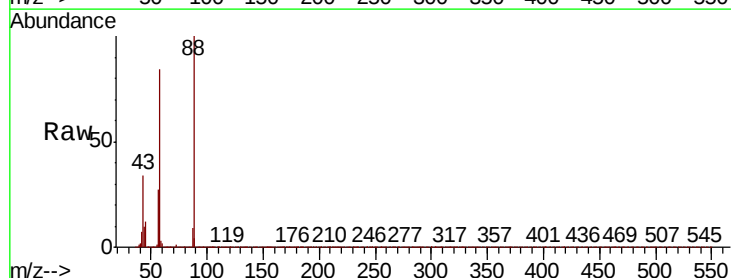
Tgt Ion: 88 Resp: 164463

Ion Ratio Lower Upper

88 100

58 82.8 64.3 96.5

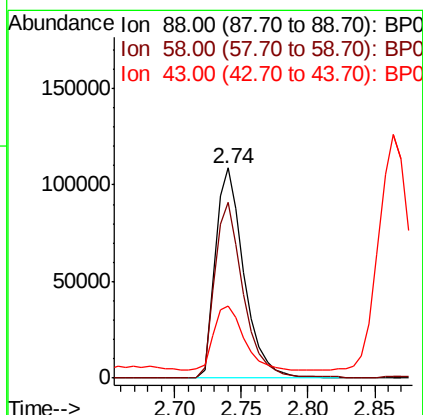
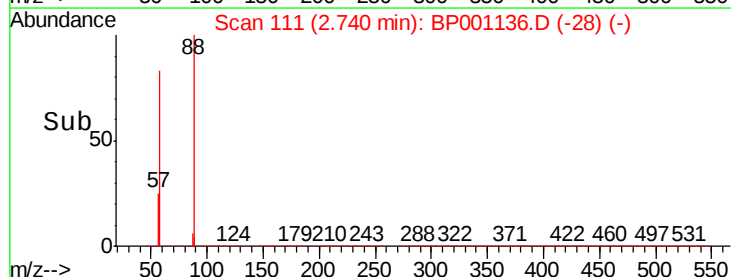
43 0.0 23.8 35.6#

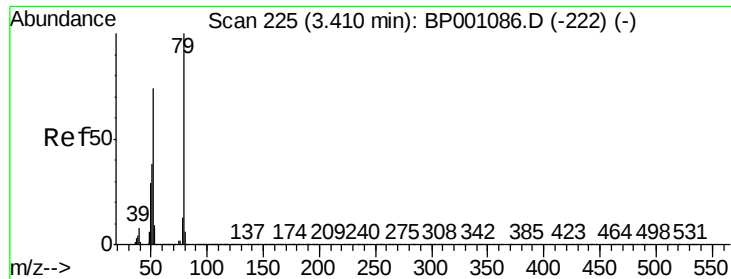


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 33.235 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.15 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

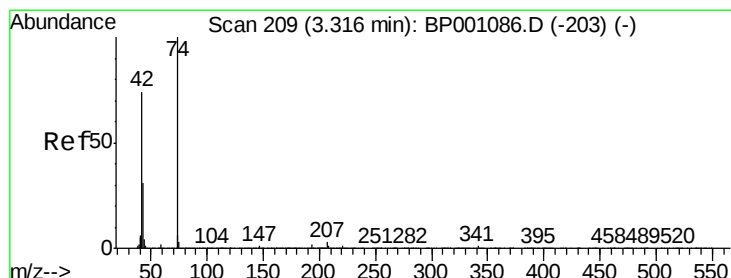
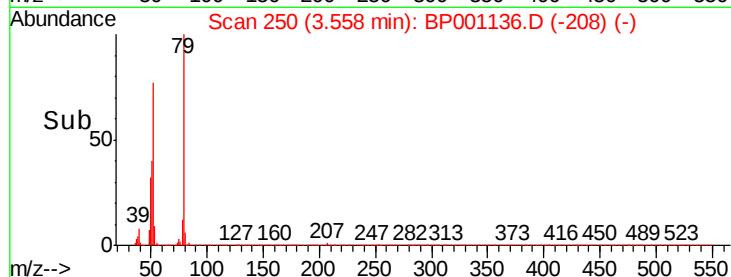
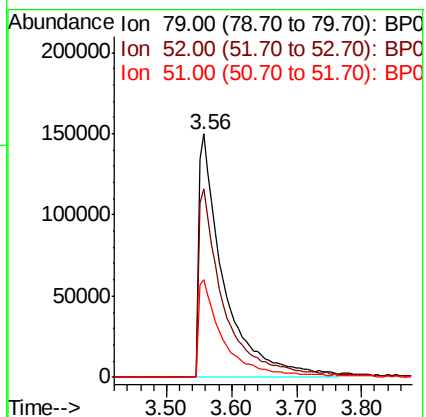
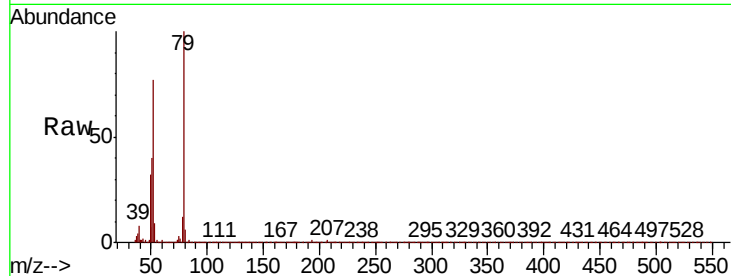
Tot Ion: 79 Resp: 394394

Ion Ratio Lower Upper

79 100

52 77.3 59.4 89.2

51 40.2 30.2 45.4



#4

n-Nitrosodimethylamine

Concen: 48.533 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.14 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

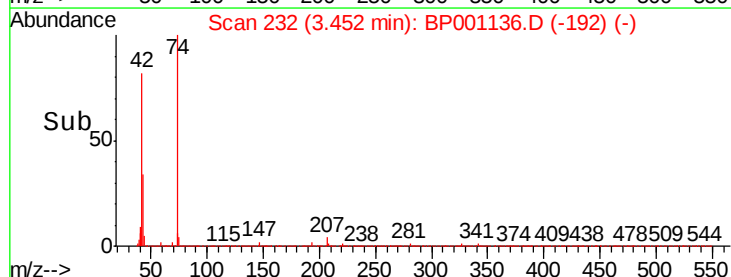
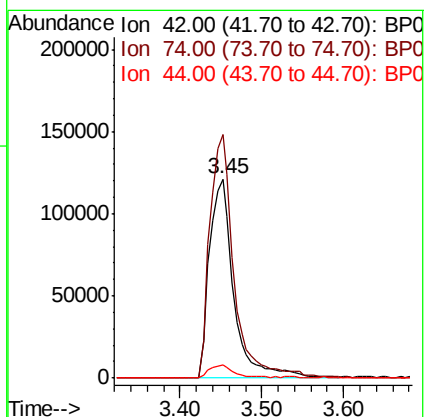
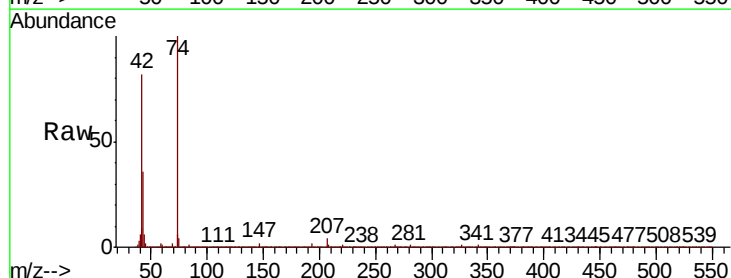
Tgt Ion: 42 Resp: 249226

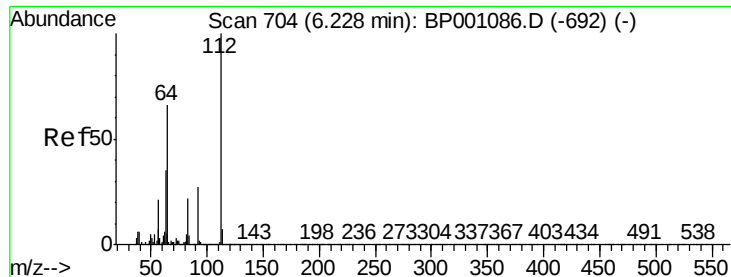
Ion Ratio Lower Upper

42 100

74 122.1 108.6 163.0

44 6.8 5.1 7.7





#5

2-Fluorophenol

Concen: 140.459 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.03 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

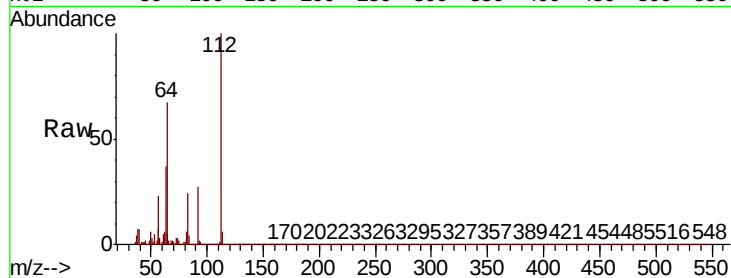
Tot Ion: 112 Resp: 1286001

Ion Ratio Lower Upper

112 100

64 67.4 52.8 79.2

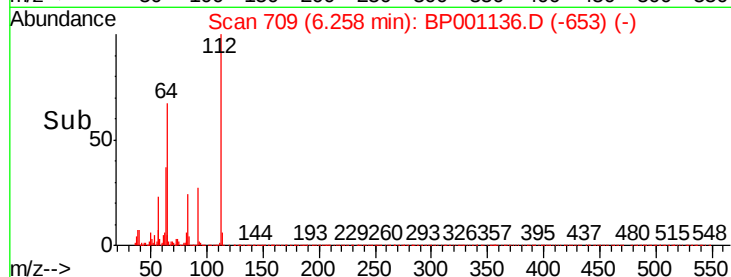
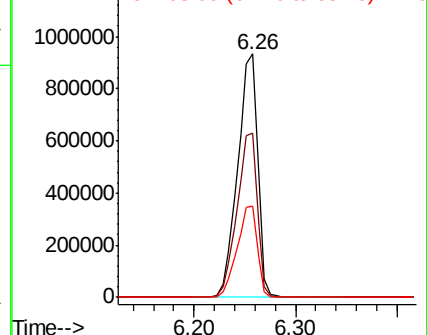
63 37.4 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 10.626 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

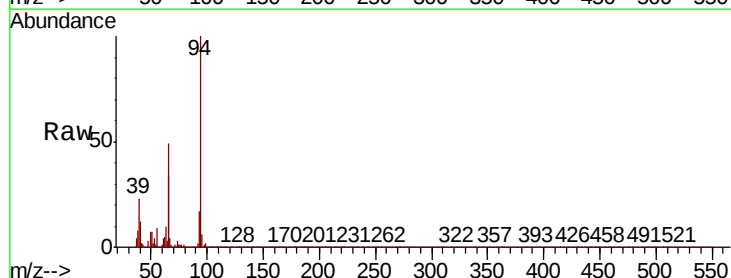
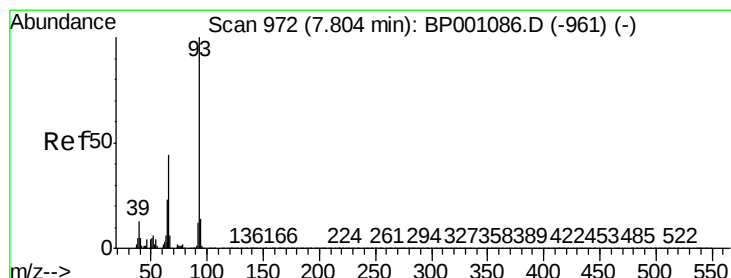
Tgt Ion: 93 Resp: 171846

Ion Ratio Lower Upper

93 100

66 296.1 34.9 52.3#

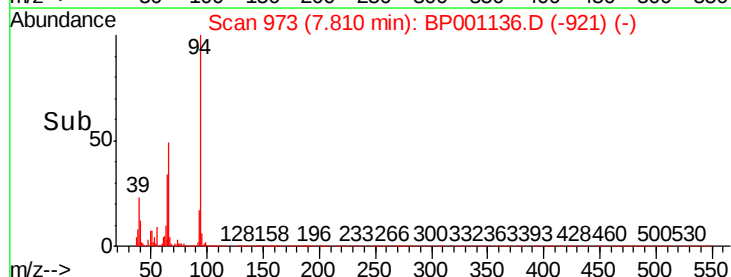
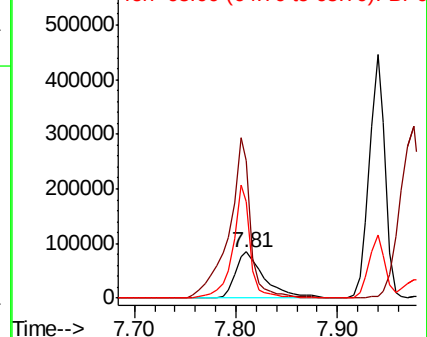
65 206.9 18.5 27.7#

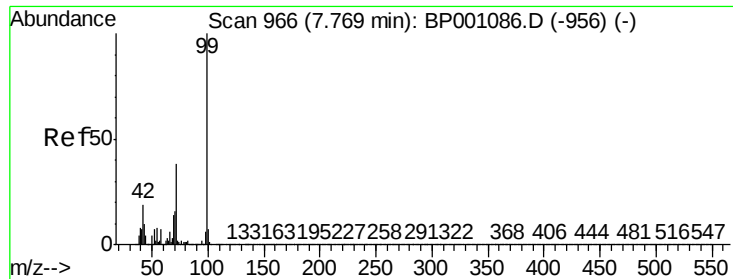


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 142.581 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

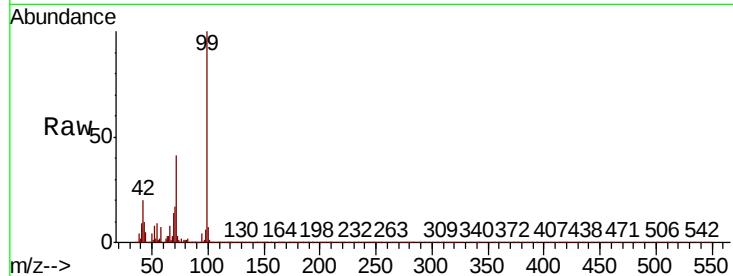
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1739158

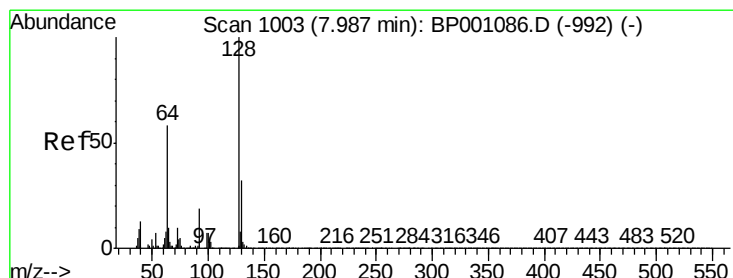
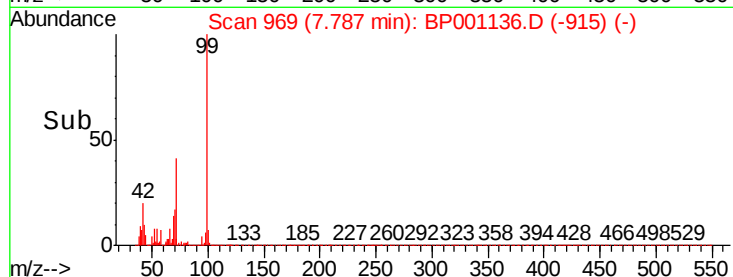
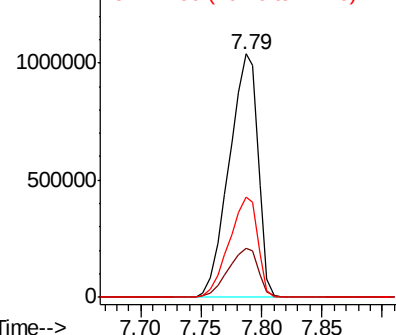
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.4	23.0
71	41.3	30.8	46.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 47.304 ng

RT: 8.00 min Scan# 1005

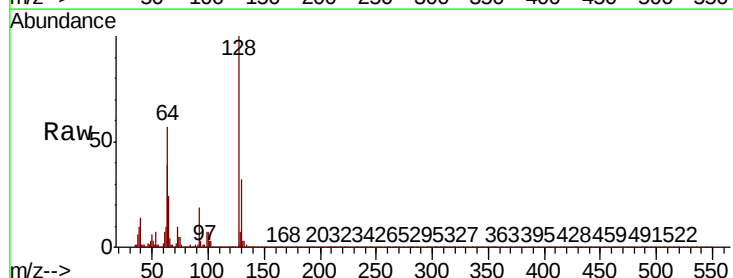
Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion: 128 Resp: 448106

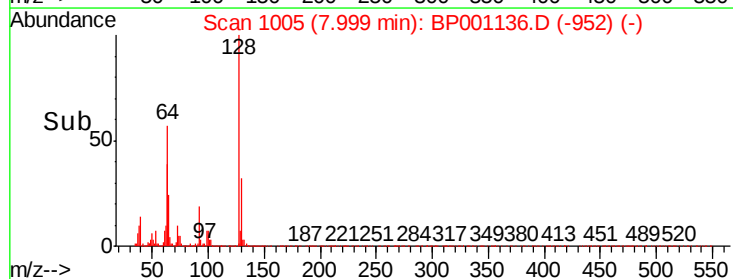
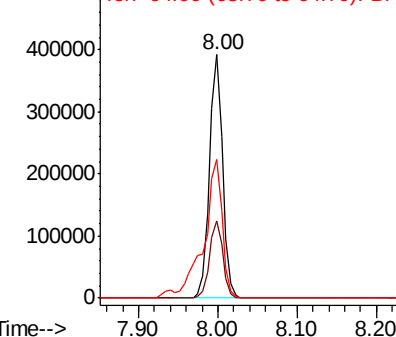
Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.7	51.7
64	57.0	39.7	79.7

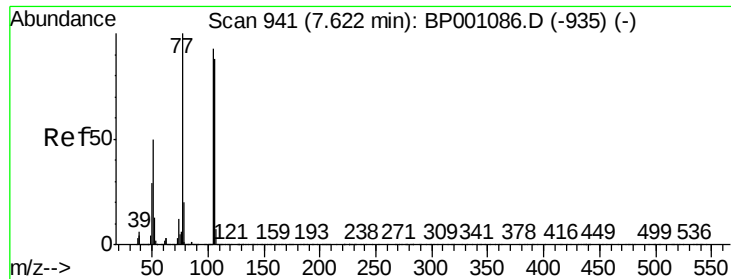


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 22.766 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

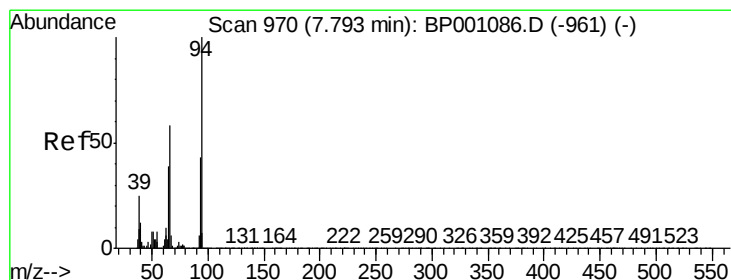
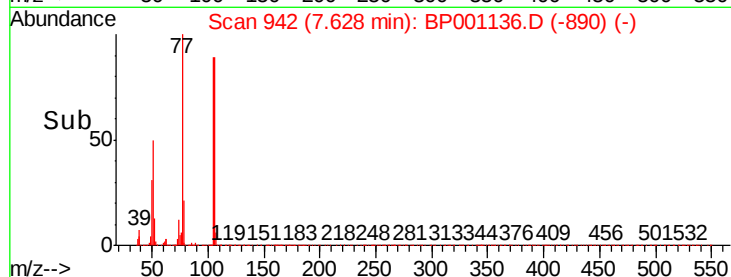
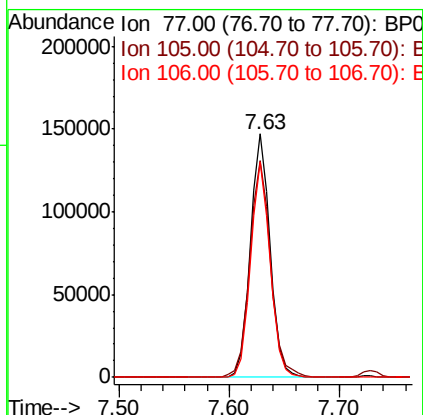
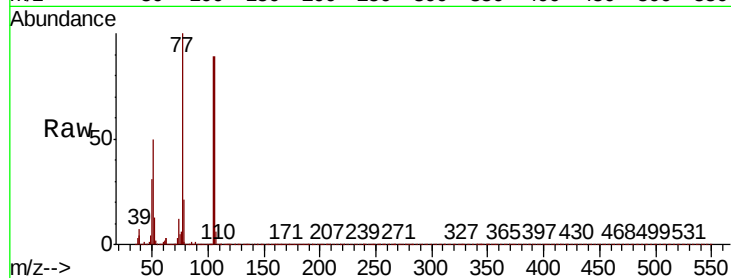
Tot Ion: 77 Resp: 184092

Ion Ratio Lower Upper

77 100

105 89.1 72.5 112.5

106 88.7 67.6 107.6



#10

Phenol

Concen: 43.428 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

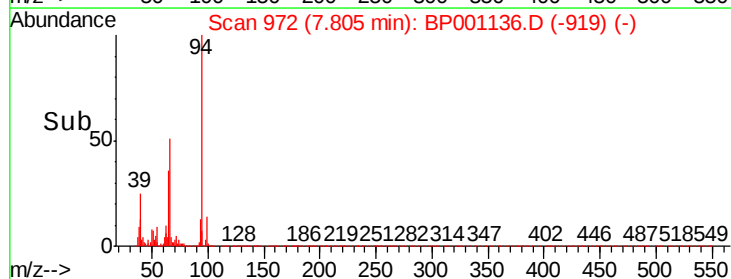
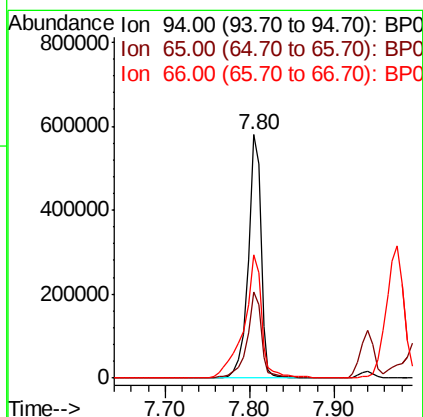
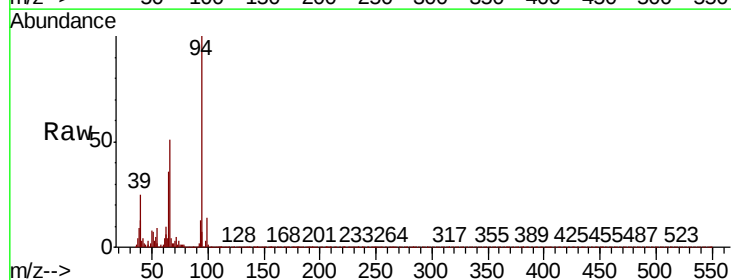
Tgt Ion: 94 Resp: 602547

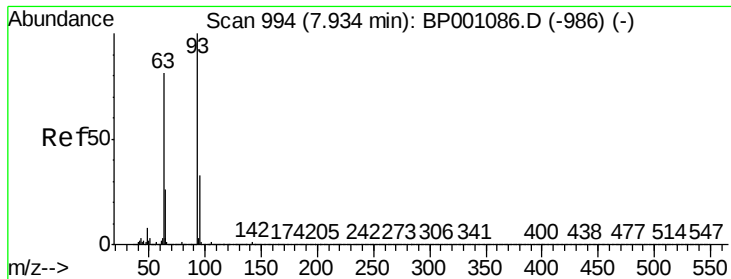
Ion Ratio Lower Upper

94 100

65 35.6 18.6 58.6

66 50.7 37.6 77.6

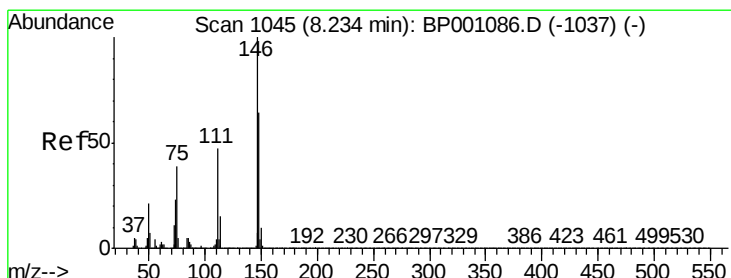
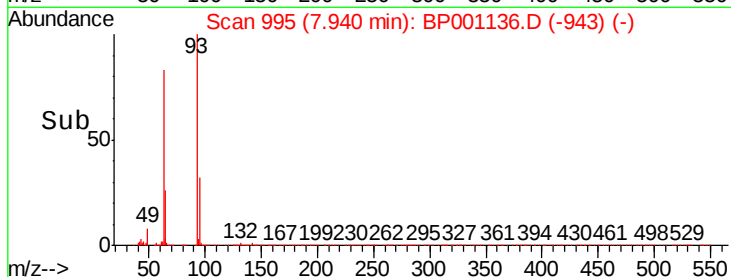
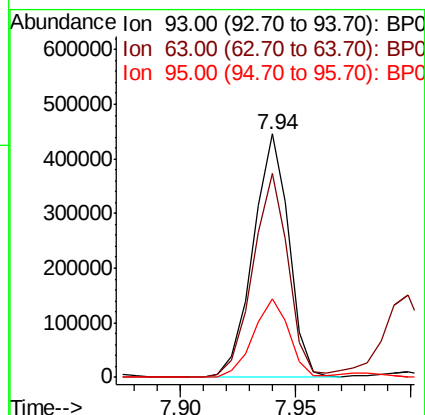
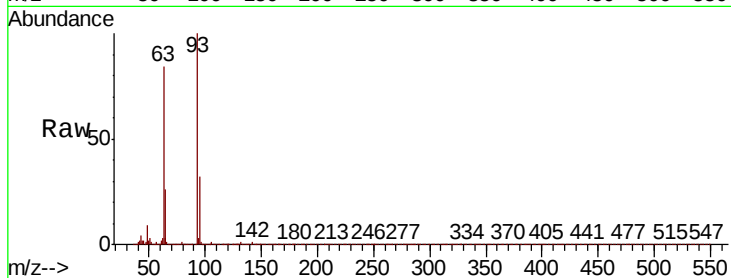




#11
bis(2-Chloroethyl)ether
Concen: 44.507 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

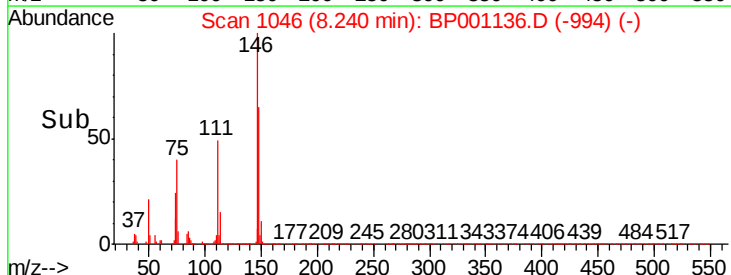
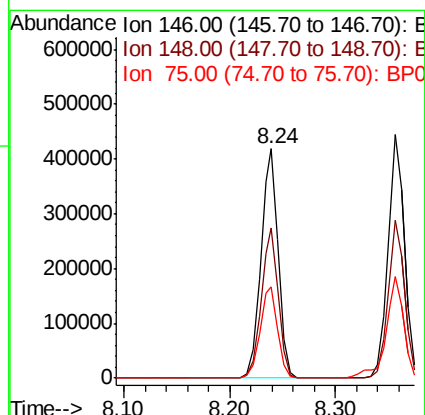
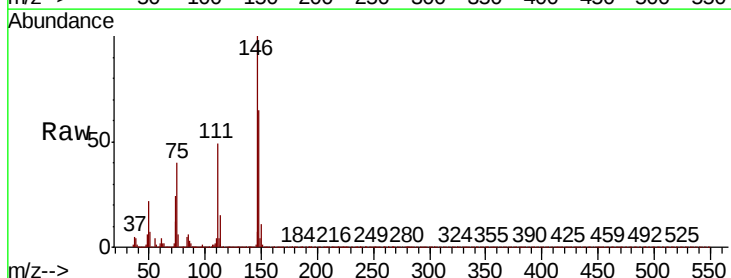
Instrument :
BNA_P
ClientSampleId :

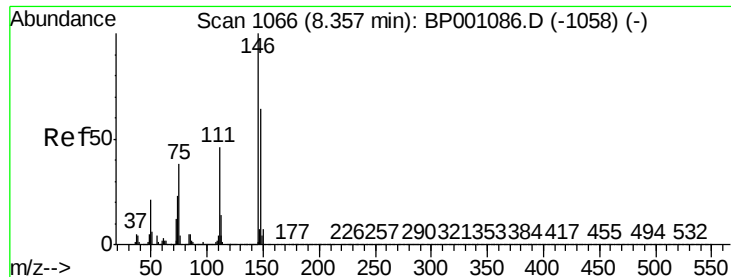
Tot Ion: 93 Resp: 480862
Ion Ratio Lower Upper
93 100
63 83.6 60.7 100.7
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.633 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion: 146 Resp: 478674
Ion Ratio Lower Upper
146 100
148 65.4 51.1 76.7
75 40.0 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 43.126 ng

RT: 8.36 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

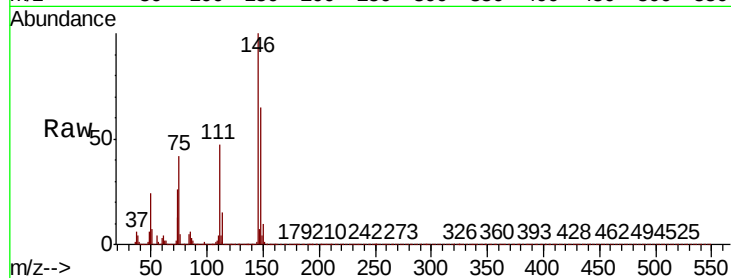
Tot Ion:146 Resp: 487778

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

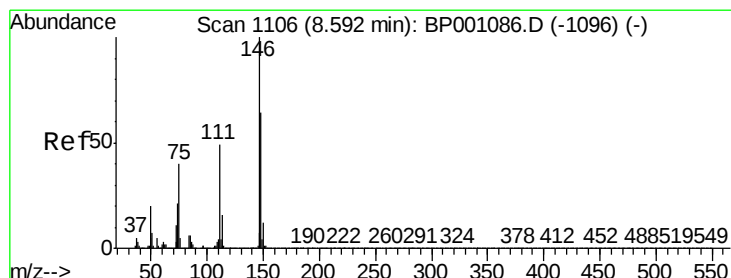
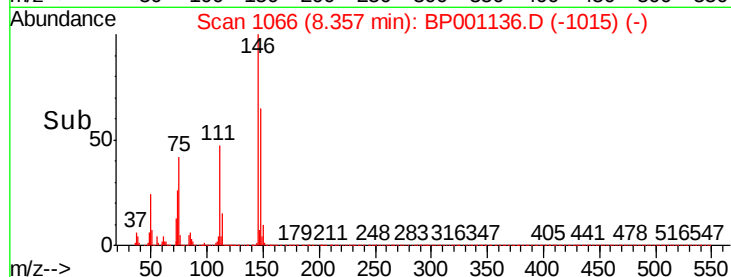
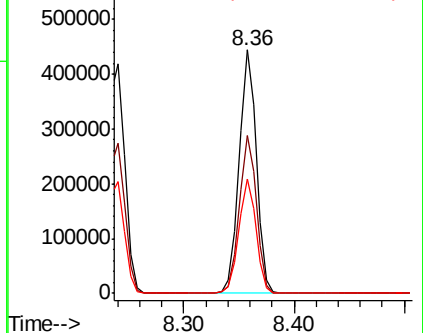
111 47.1 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.237 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

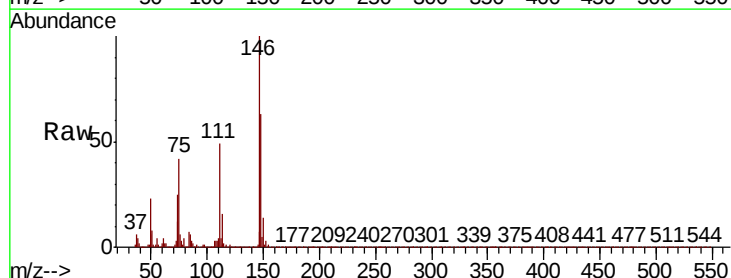
Tgt Ion:146 Resp: 460249

Ion Ratio Lower Upper

146 100

148 63.1 51.5 77.3

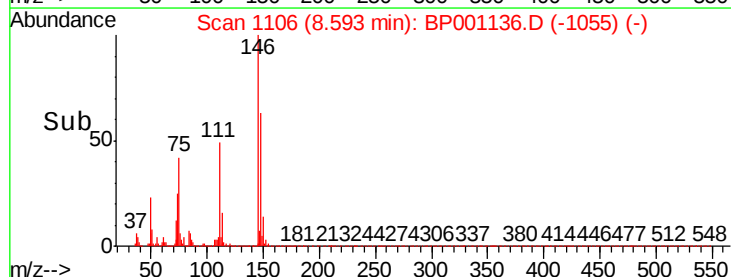
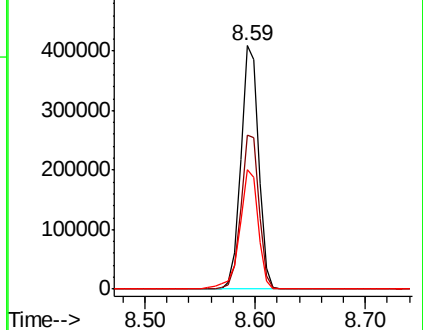
111 49.1 39.3 58.9

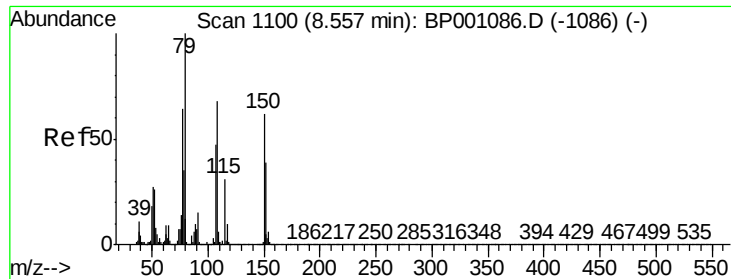


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

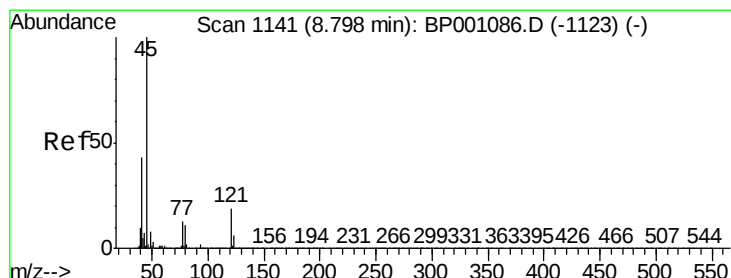
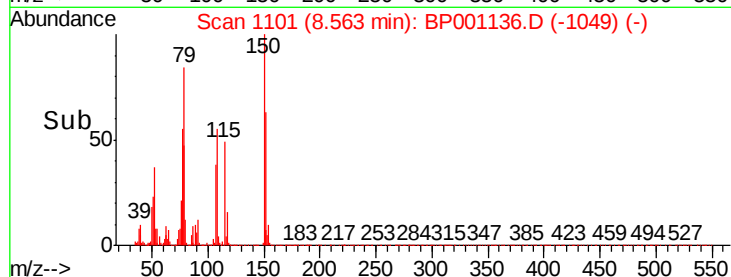
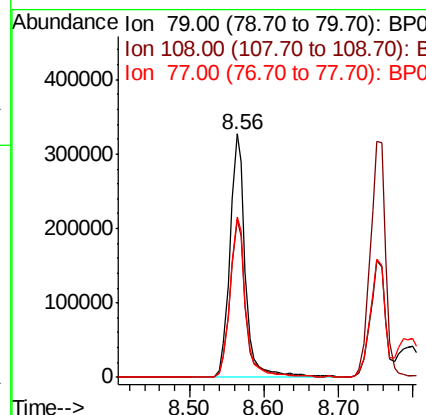
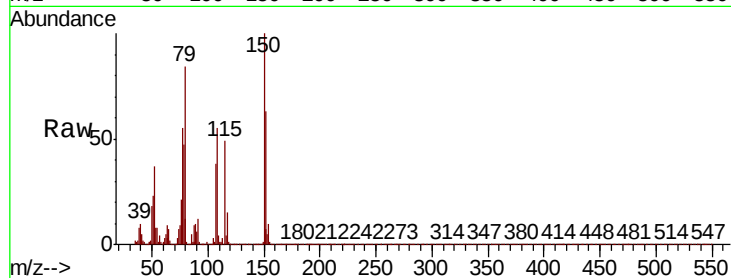




#15
Benzyl Alcohol
Concen: 47.488 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

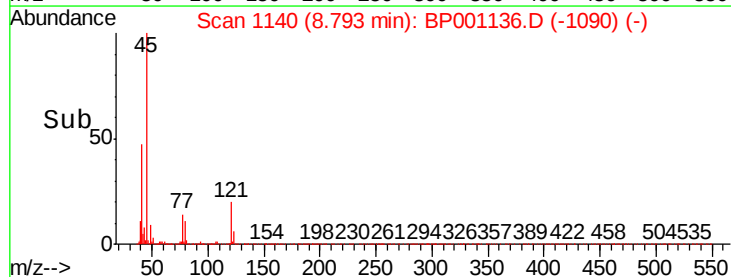
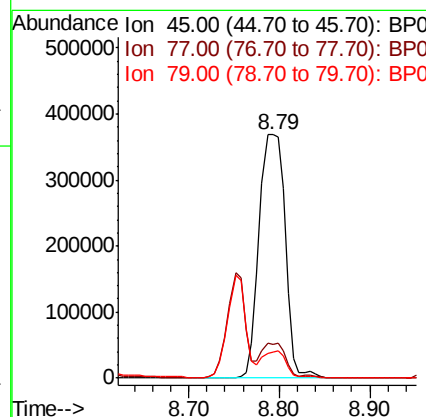
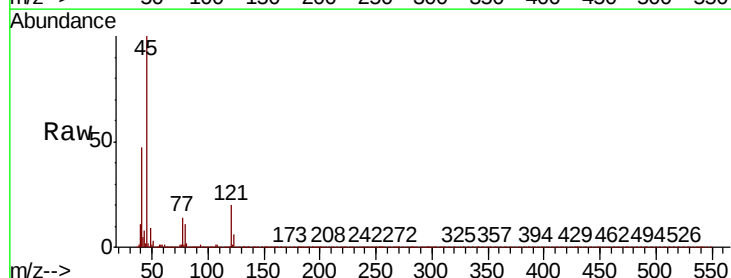
Instrument :
BNA_P
ClientSampleId :

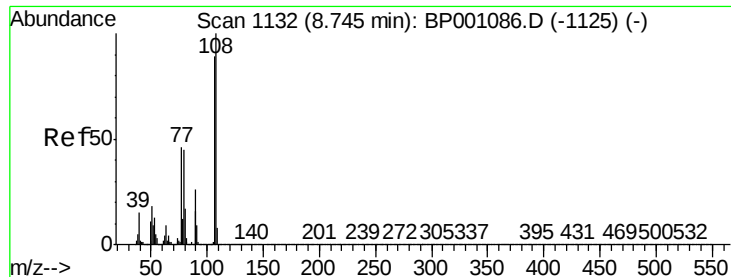
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.0	54.8	82.2
77	65.7	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.606 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

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

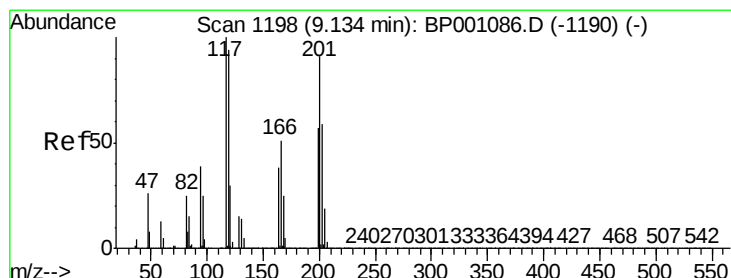
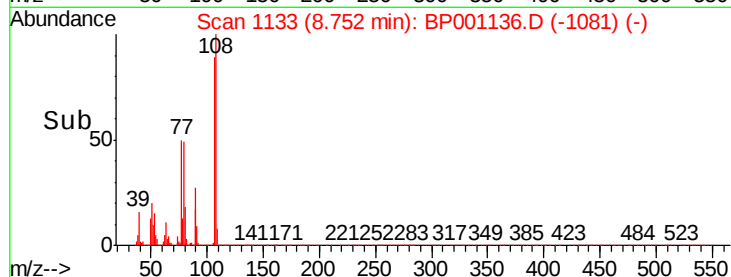
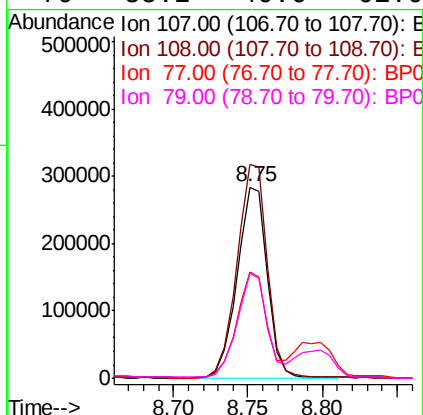
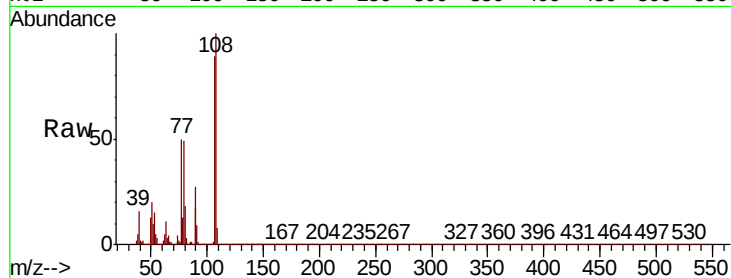




#17
2-Methylphenol
Concen: 45.520 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

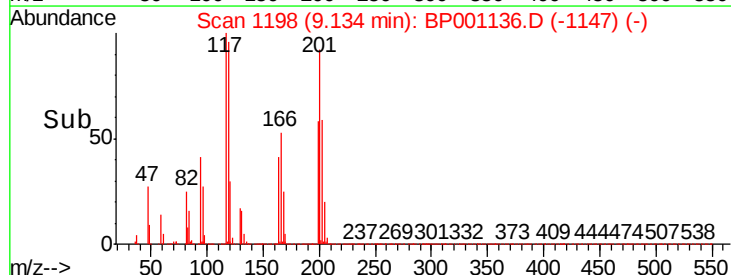
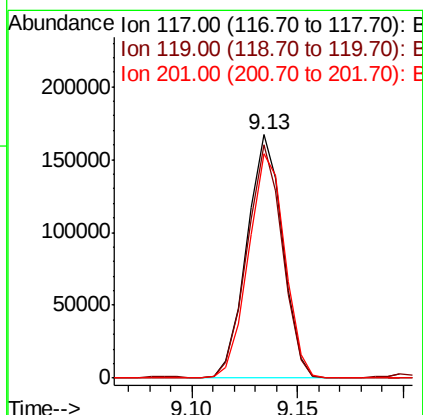
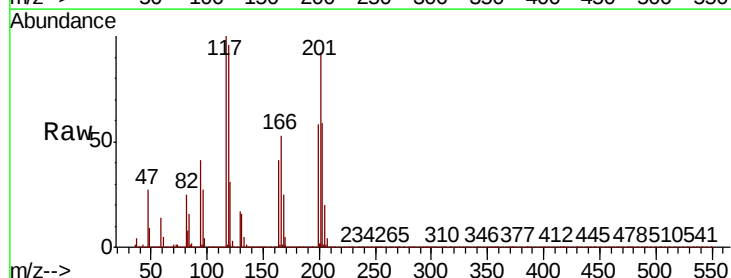
Instrument :
BNA_P
ClientSampled :

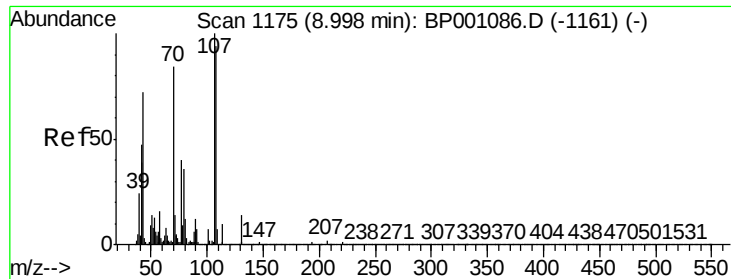
Tot Ion:	107	Resp:	395540
Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.6
77	56.0	41.4	62.2
79	55.2	40.6	61.0



#18
Hexachloroethane
Concen: 42.085 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:	117	Resp:	196912
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.2	112.8
201	92.4	72.5	108.7

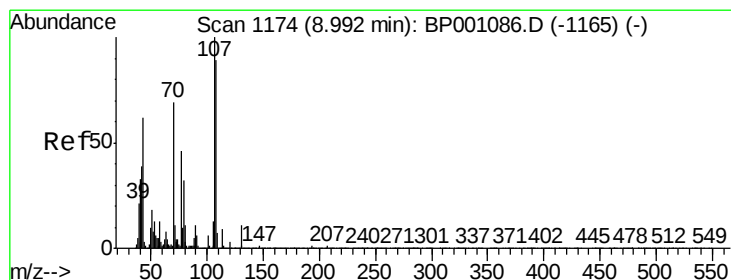
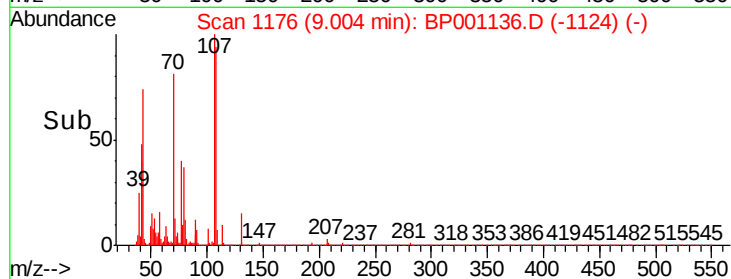
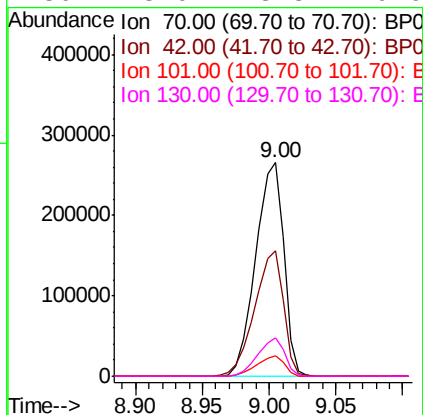
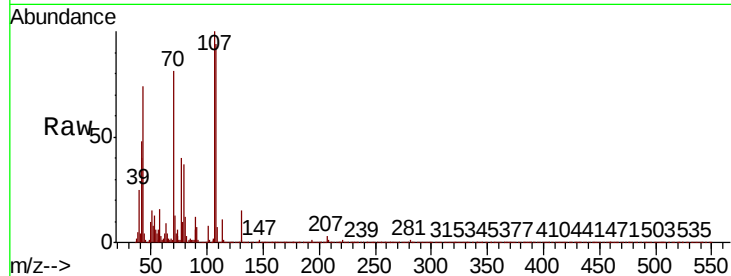




#19
n-Nitroso-di-n-propylamine
Concen: 43.722 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

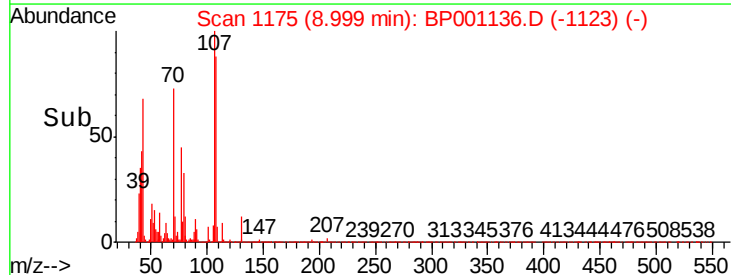
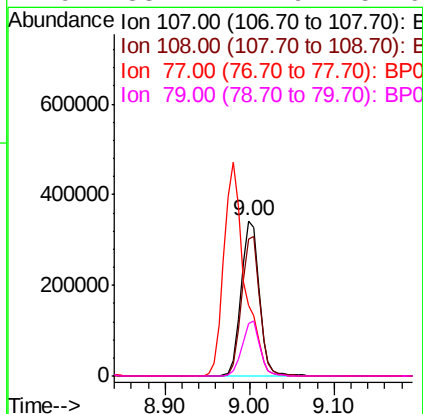
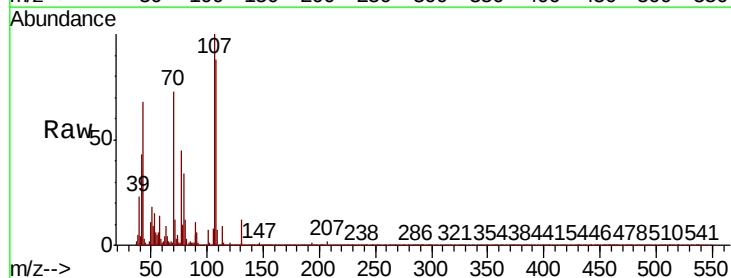
Instrument :
BNA_P
ClientSampleId :

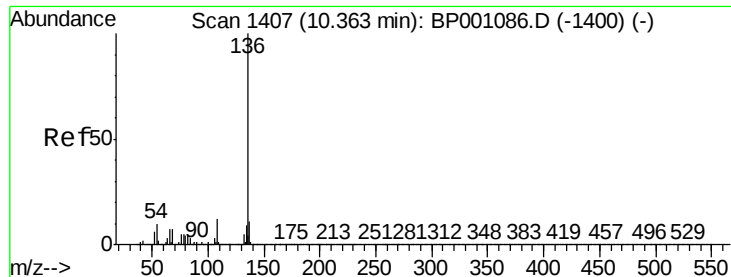
Tot Ion:	70	Resp:	384825
Ion	Ratio	Lower	Upper
70	100		
42	58.8	44.6	66.8
101	9.7	7.1	10.7
130	18.0	13.8	20.6



#20
3+4-Methylphenols
Concen: 45.862 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:	107	Resp:	502356
Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.9	108.9
77	45.3	25.9	65.9
79	33.7	11.9	51.9

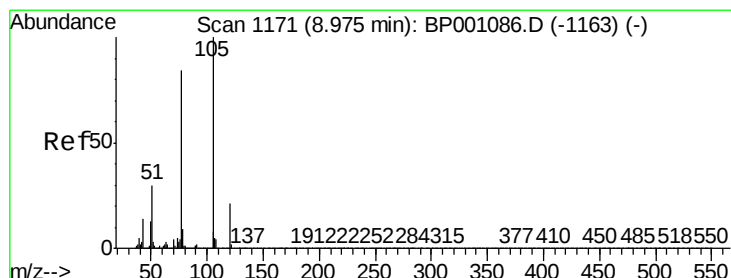
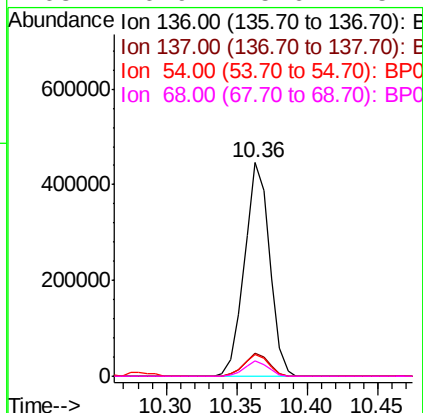
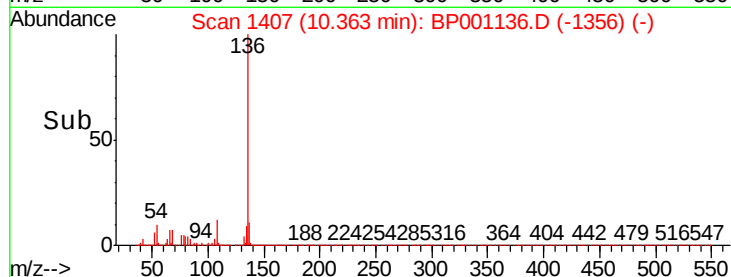
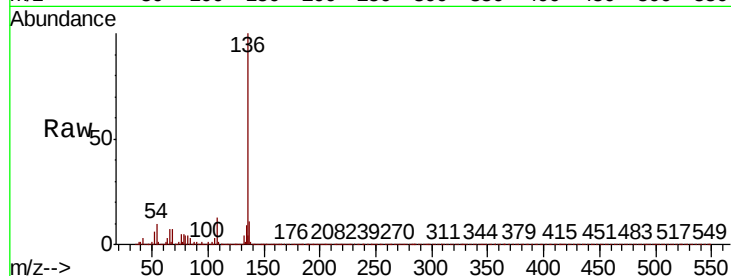




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

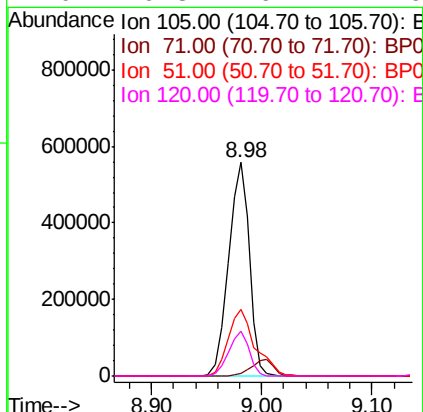
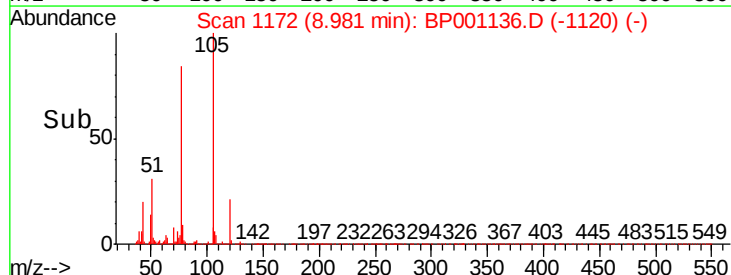
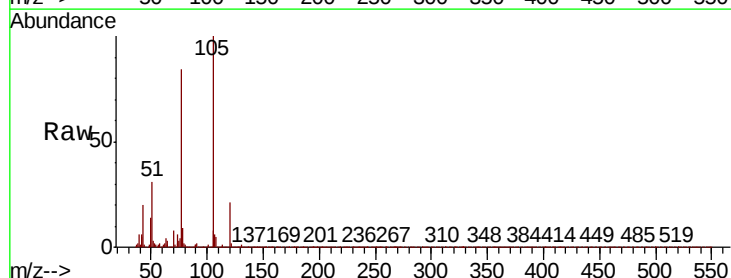
Instrument :
BNA_P
ClientSampleId :

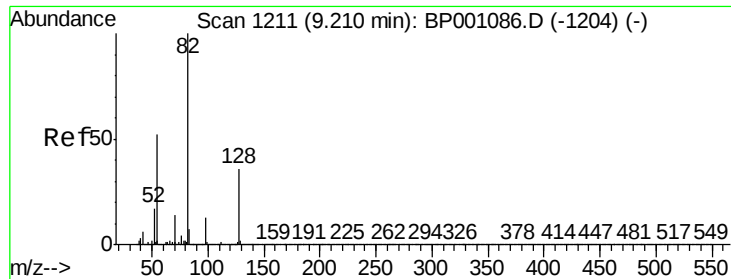
Tot Ion:136	Resp: 554897
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 10.1	7.9 11.9
68 6.9	5.6 8.4



#22
Acetophenone
Concen: 44.893 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt	Ion:105	Resp:	732162
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.5	0.7#
51	31.4	24.2	36.4
120	20.8	16.4	24.6

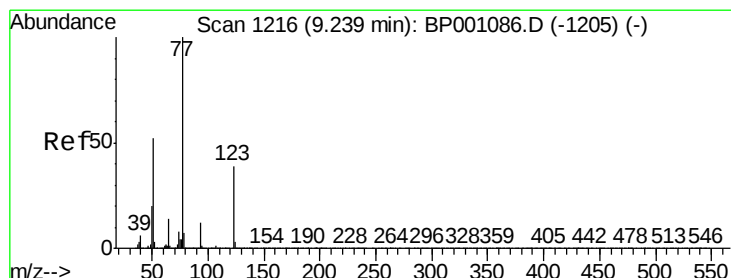
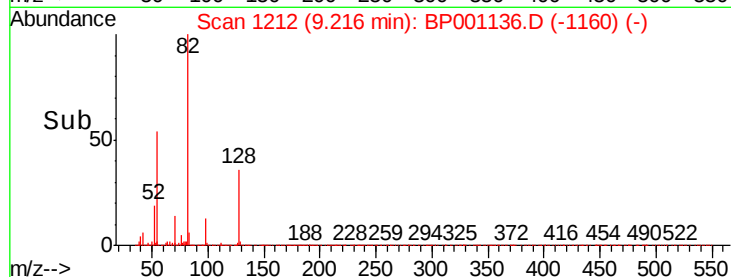
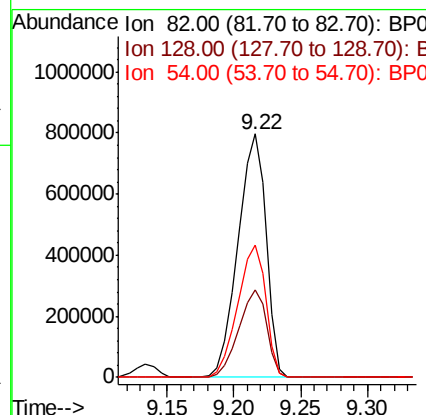
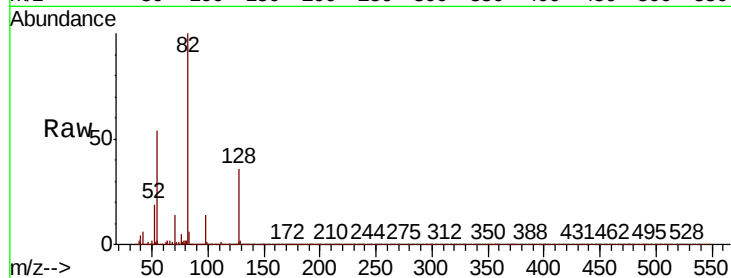




#23
Nitrobenzene-d5
Concen: 91.167 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

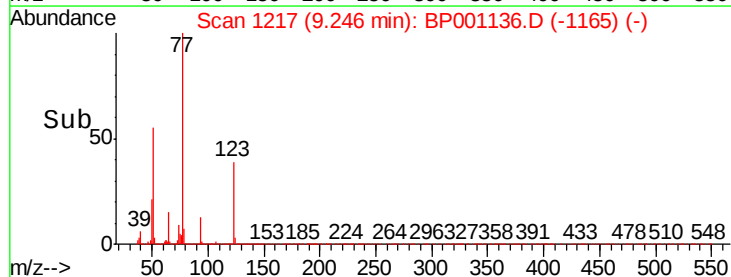
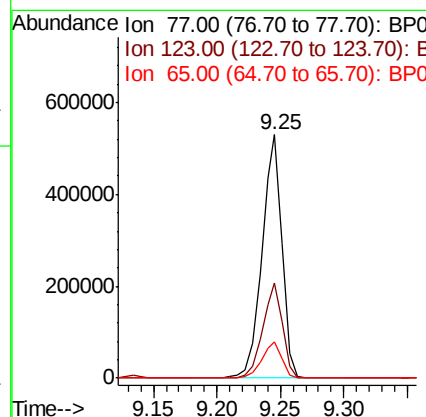
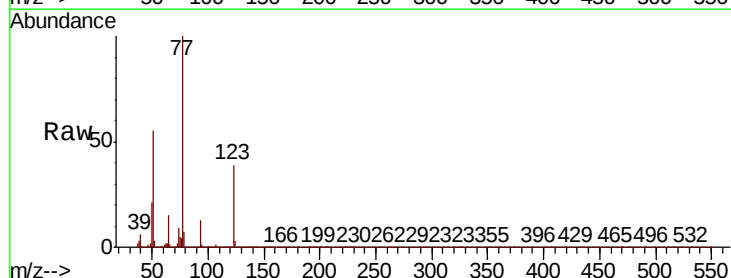
Instrument :
BNA_P
ClientSampled :

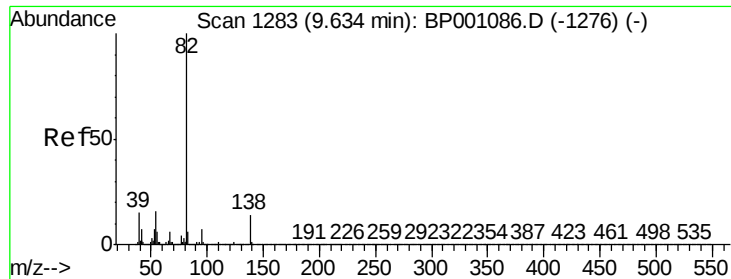
Tot Ion: 82 Resp: 1166005
Ion Ratio Lower Upper
82 100
128 35.8 28.9 43.3
54 54.1 41.9 62.9



#24
Nitrobenzene
Concen: 45.868 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion: 77 Resp: 583348
Ion Ratio Lower Upper
77 100
123 39.3 31.0 46.4
65 14.7 11.0 16.6





#25

Isophorone

Concen: 45.376 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampled :

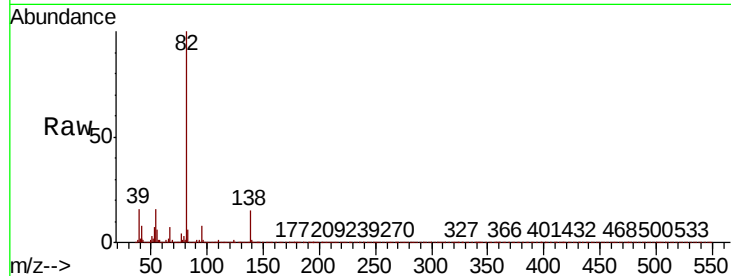
Tot Ion: 82 Resp: 1040684

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

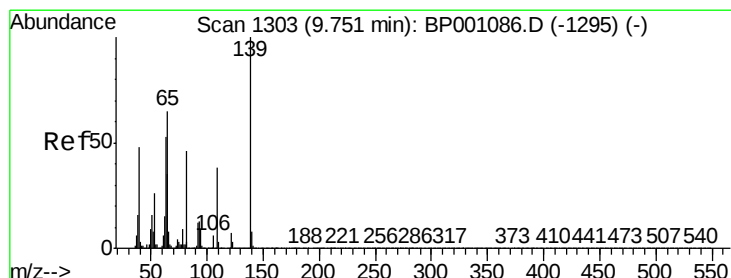
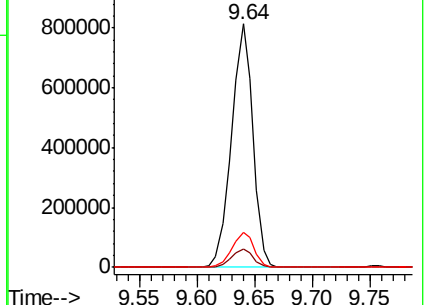
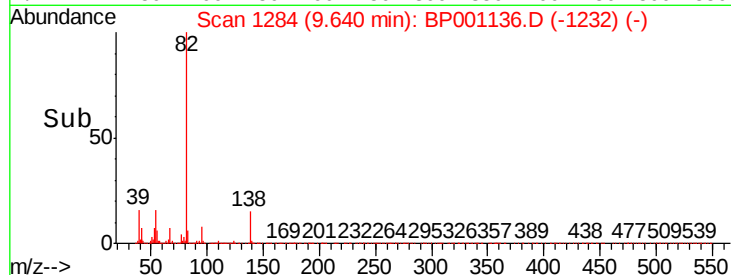
138 14.5 11.3 16.9



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: 46.683 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

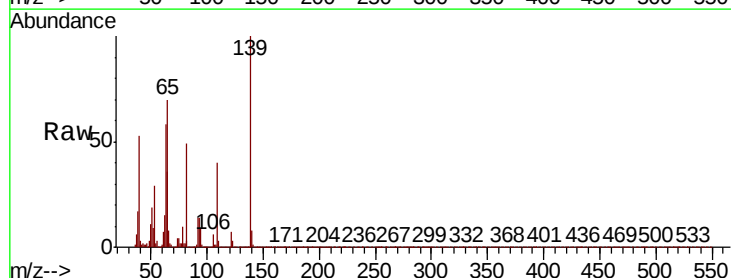
Tgt Ion: 139 Resp: 217470

Ion Ratio Lower Upper

139 100

109 40.4 30.6 45.8

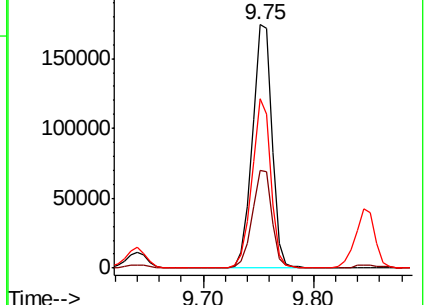
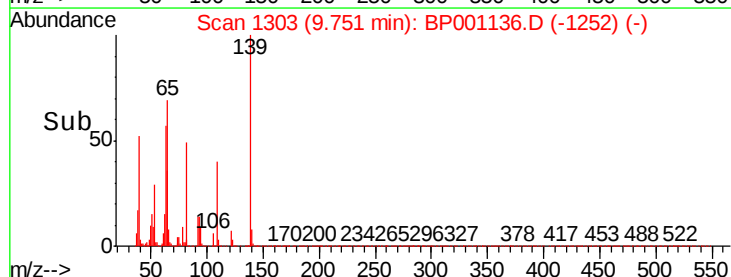
65 69.7 51.8 77.8

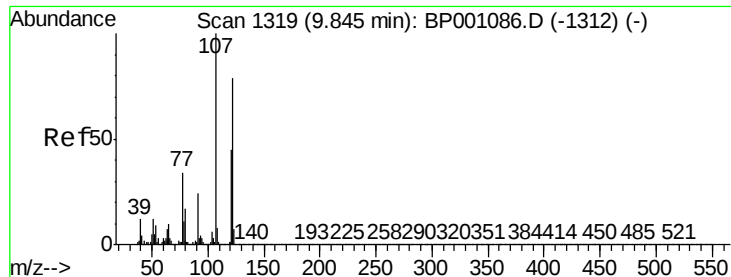


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

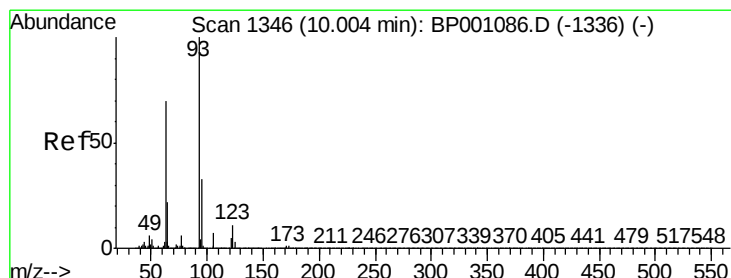
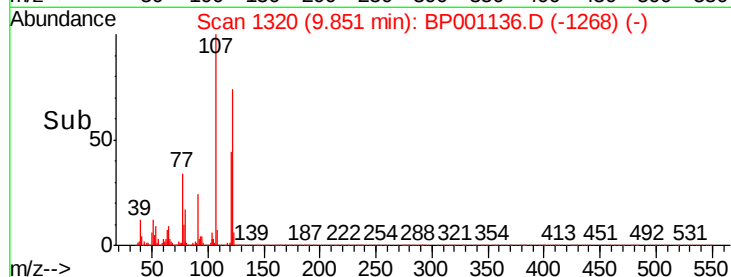
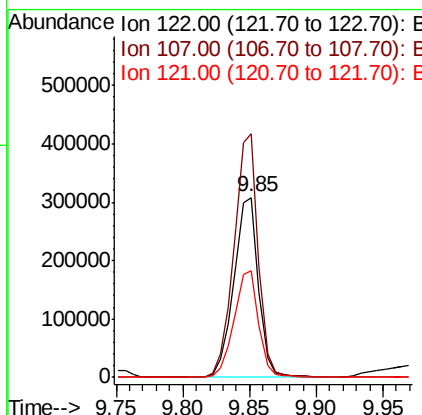
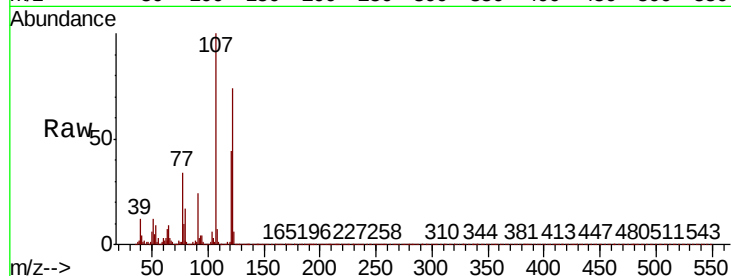




#27
2,4-Dimethylphenol
Concen: 53.969 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

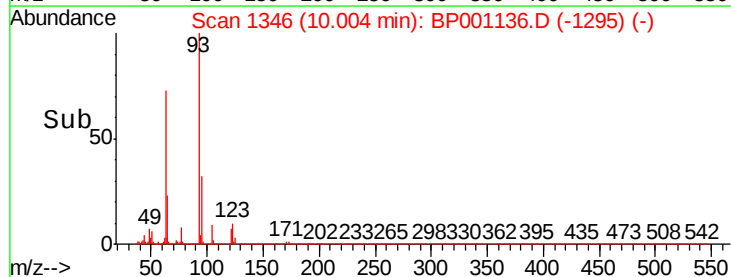
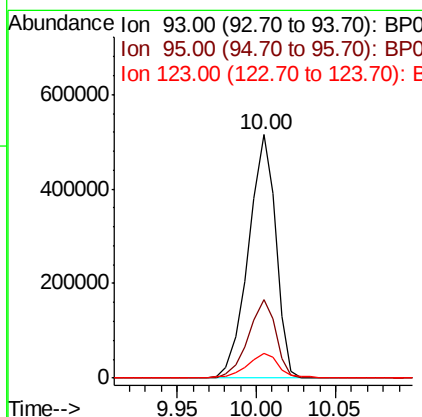
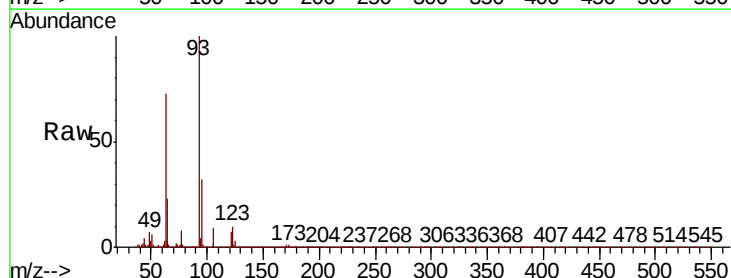
Instrument :
BNA_P
ClientSampled :

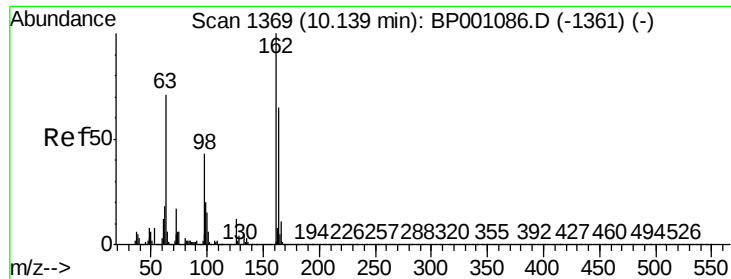
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.2	101.9	152.9
121	59.5	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.045 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	10.3	8.9	13.3

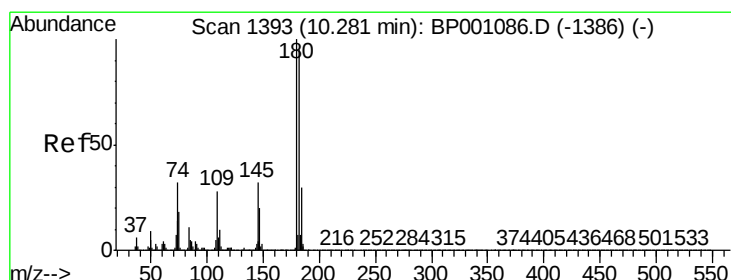
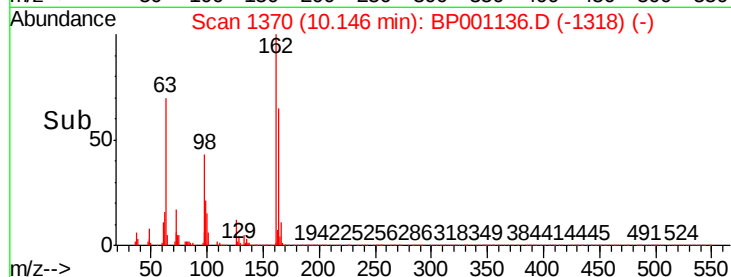
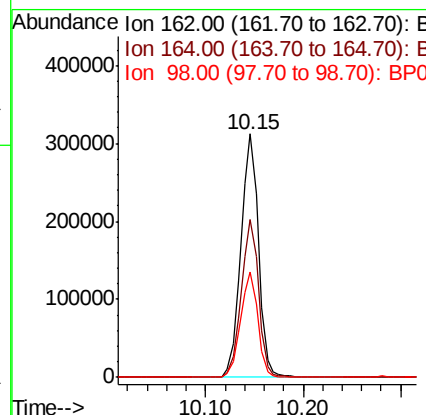
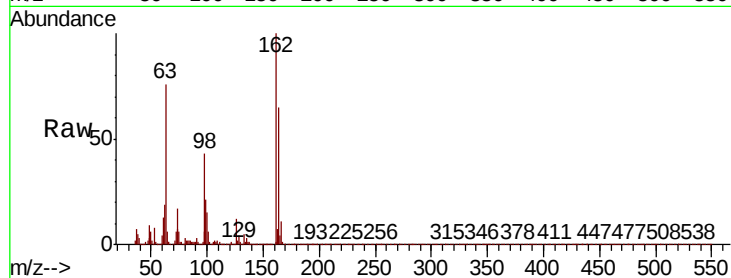




#29
 2,4-Dichlorophenol
 Concen: 46.494 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

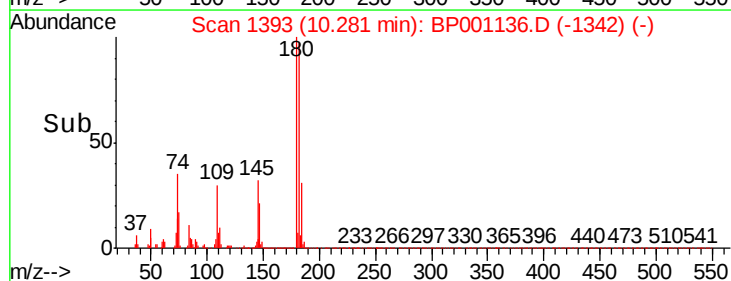
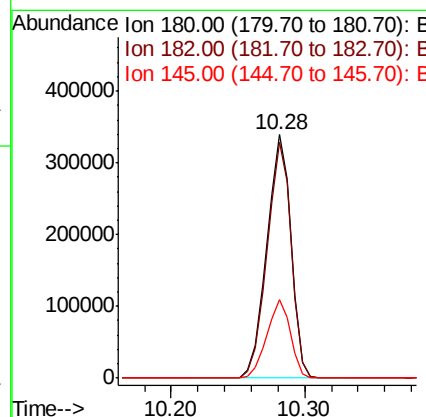
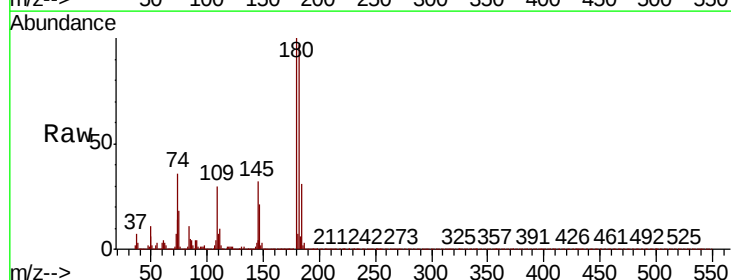
Instrument :
 BNA_P
 ClientSampleId :

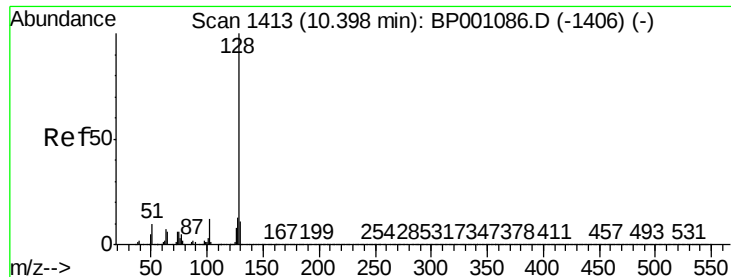
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.1	85.1
98	43.4	23.4	63.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.159 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.3	114.5
145	32.0	25.4	38.2

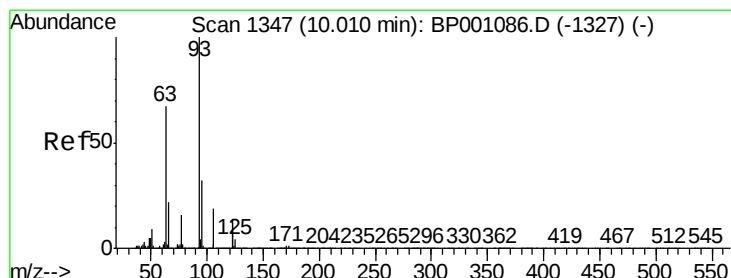
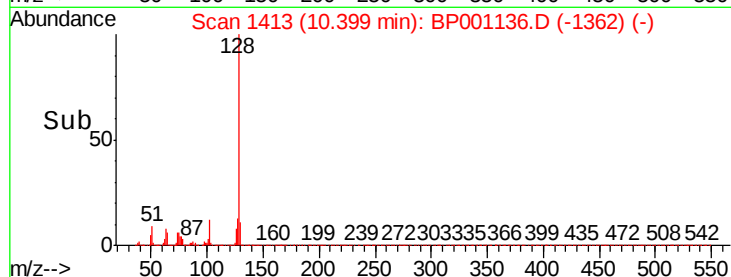
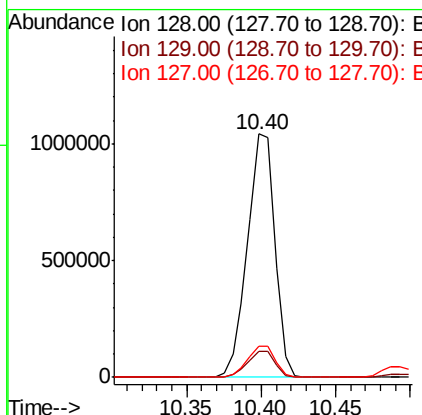
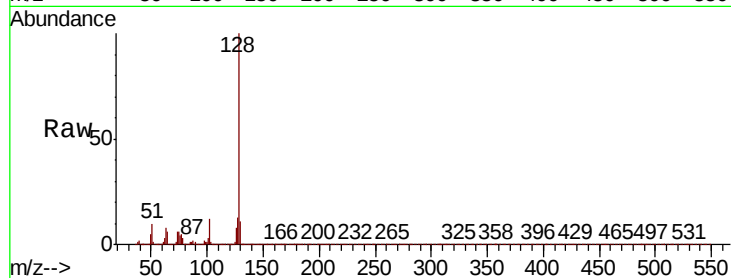




#31
Naphthalene
Concen: 46.722 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

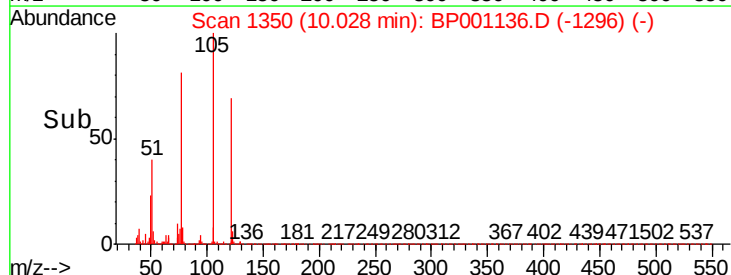
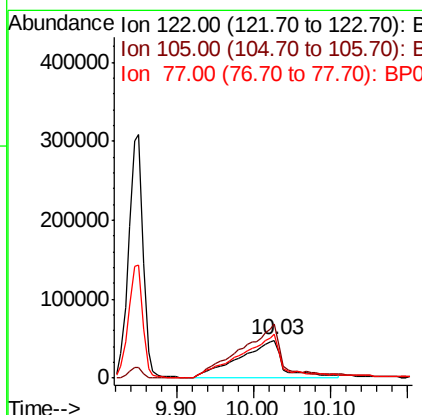
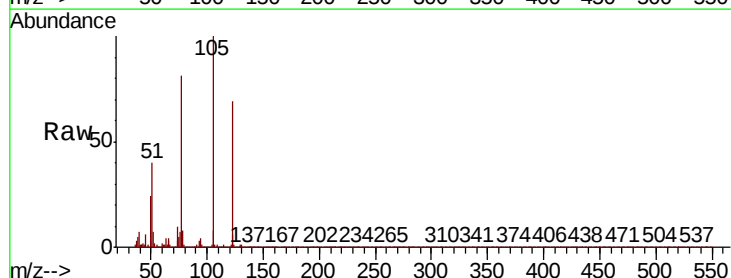
Instrument :
BNA_P
ClientSampleId :

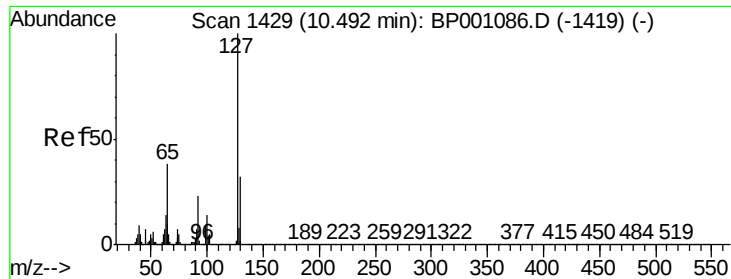
Tot Ion:128 Resp: 1324096
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 34.251 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:122 Resp: 182717
Ion Ratio Lower Upper
122 100
105 145.0 116.8 156.8
77 117.3 95.0 135.0

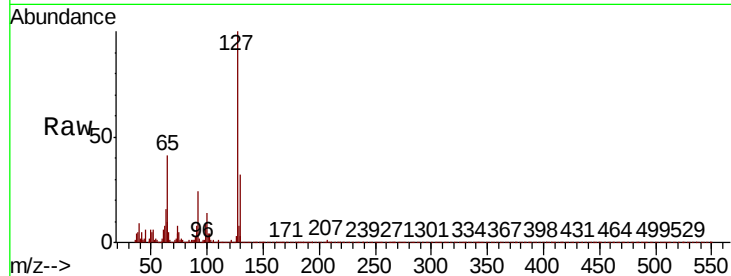




#33
4-Chloroaniline
Concen: 6.668 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	82010
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	41.1	30.6	46.0
92	23.9	18.5	27.7



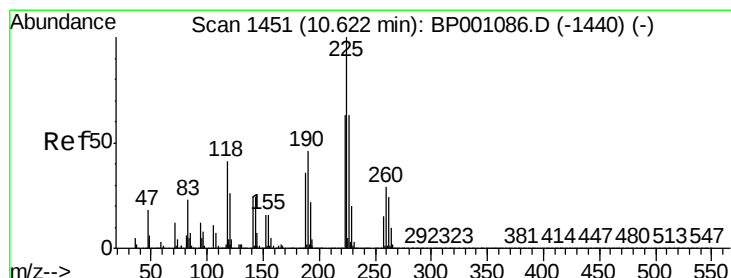
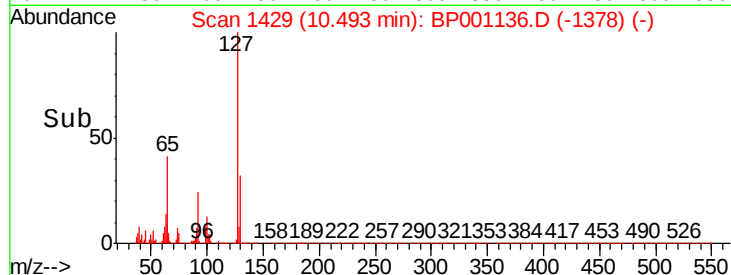
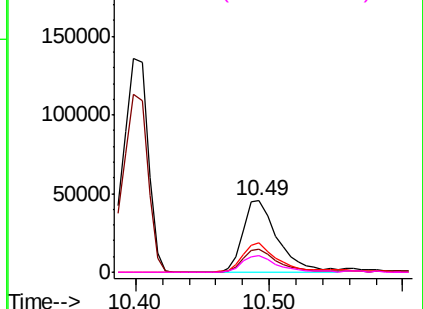
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

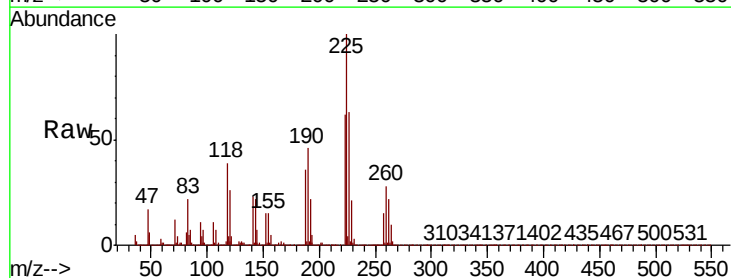
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 43.276 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:	225	Resp:	267040
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.0	75.0
227	62.6	50.0	75.0

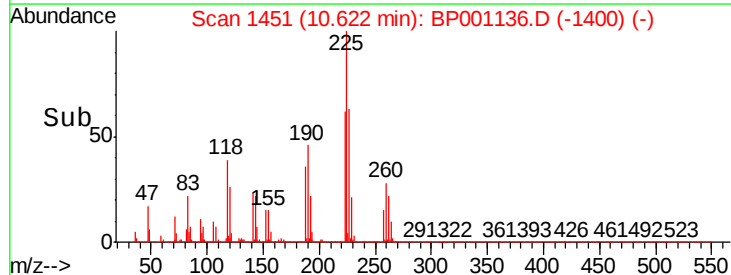
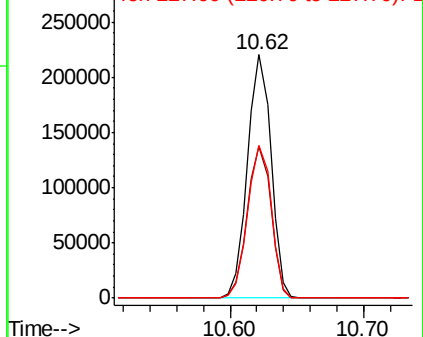


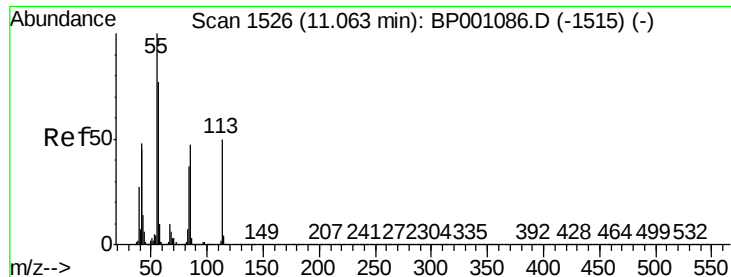
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

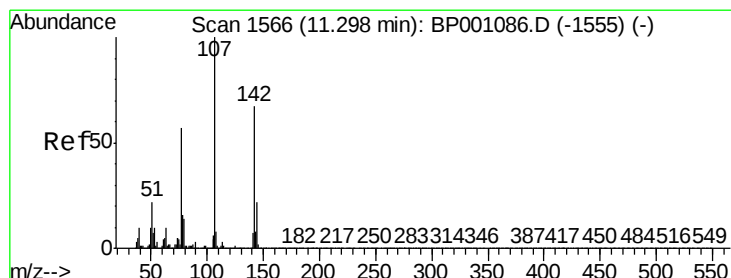
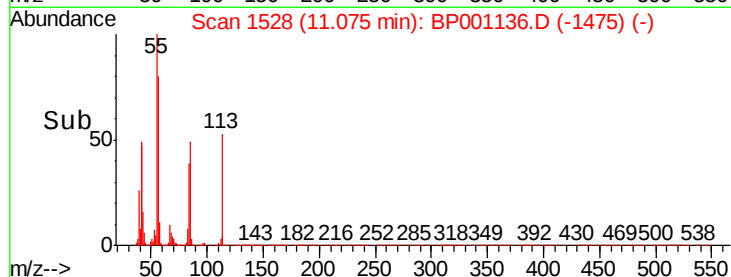
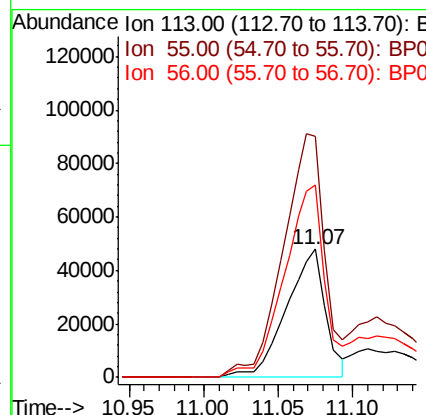
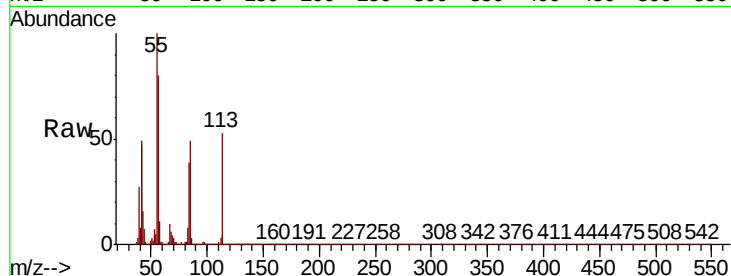




#35
Caprolactam
Concen: 30.232 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

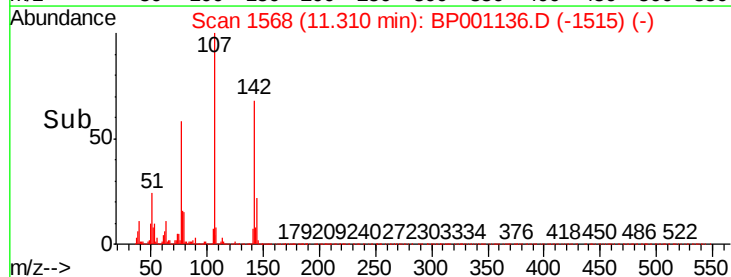
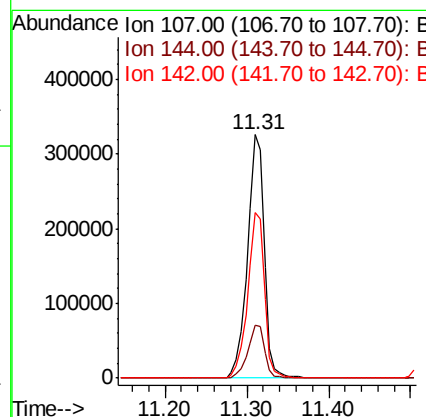
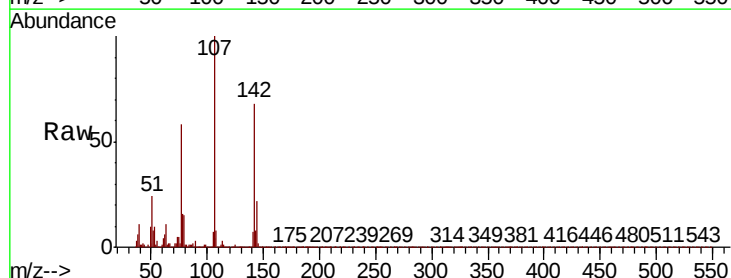
Instrument :
BNA_P
ClientSampleId :

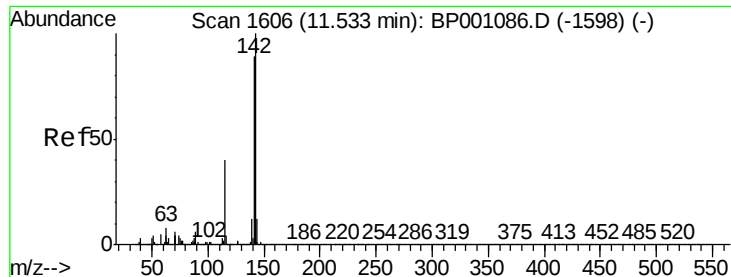
Tot Ion:113 Resp: 87504
Ion Ratio Lower Upper
113 100
55 187.9 181.2 221.2
56 150.1 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 46.332 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:107 Resp: 461338
Ion Ratio Lower Upper
107 100
144 21.6 17.5 26.3
142 67.8 53.3 79.9

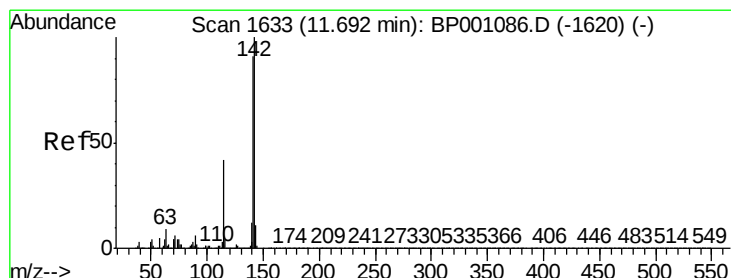
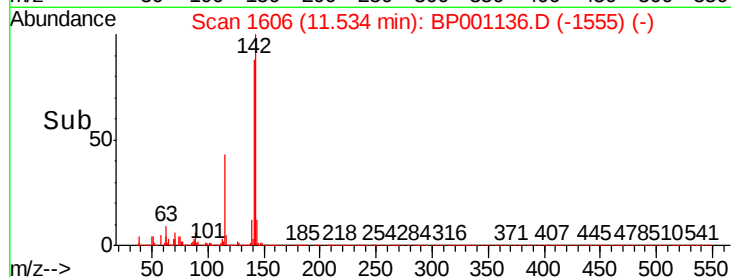
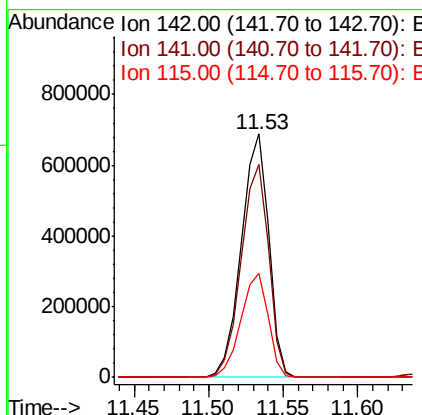
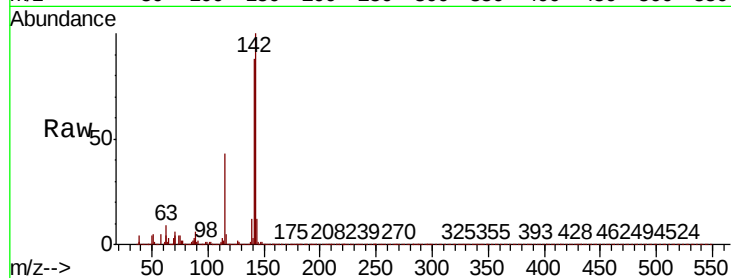




#37
2-Methylnaphthalene
Concen: 45.278 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

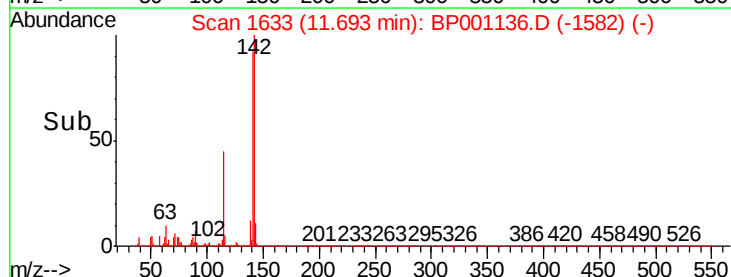
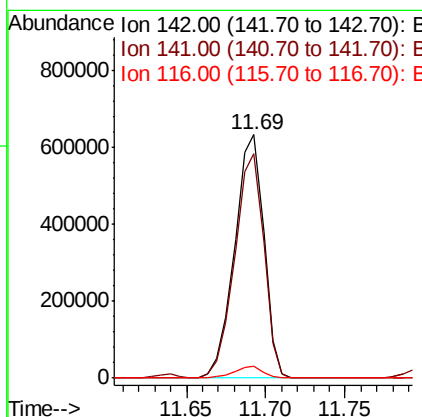
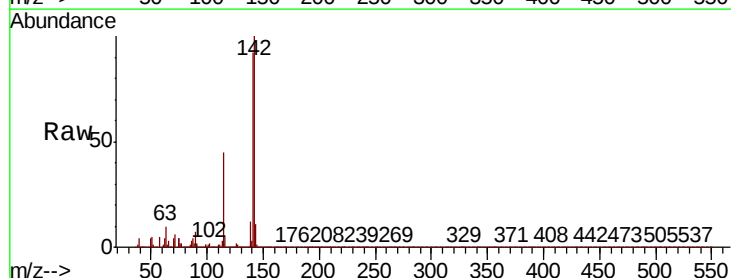
Instrument :
BNA_P
ClientSampleId :

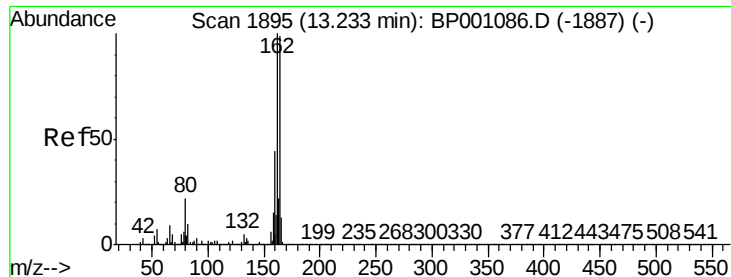
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.1	106.7
115	42.7	32.3	48.5



#38
1-Methylnaphthalene
Concen: 44.376 ng
RT: 11.69 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.4
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

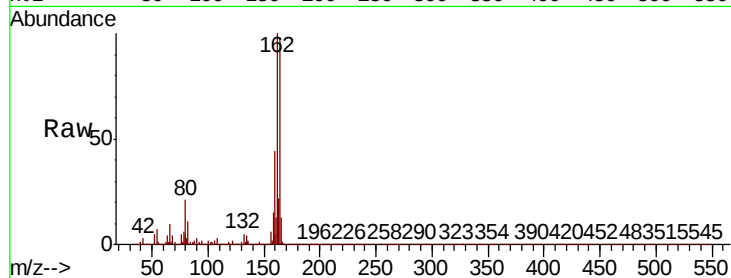
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 298255

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	45.1	35.4	53.2

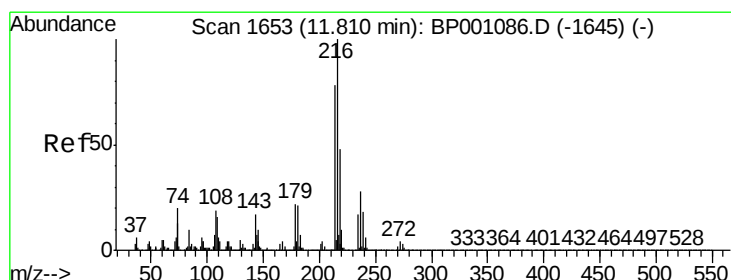
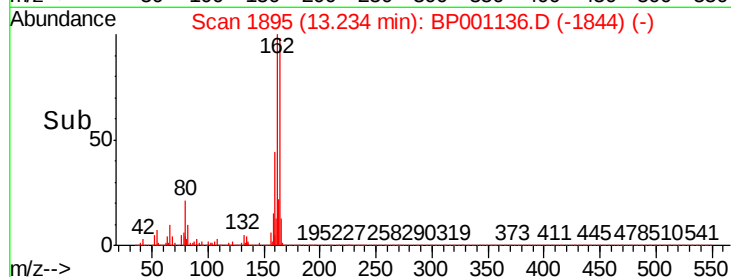
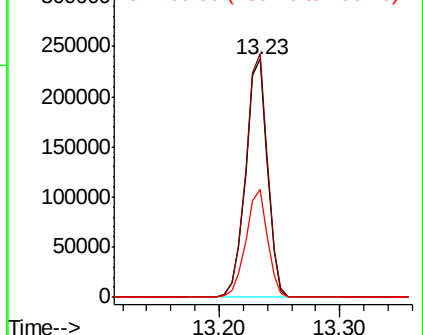


Abundance

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: 44.554 ng

RT: 11.81 min Scan# 1653

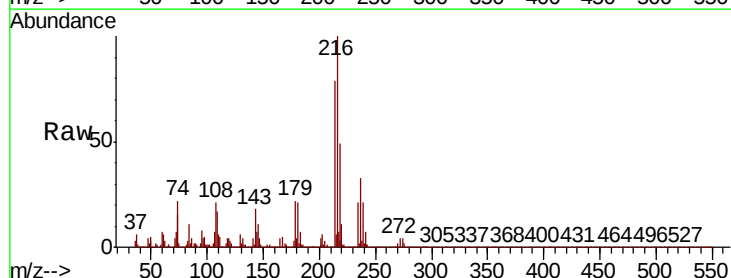
Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:216 Resp: 418780

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	22.2	17.6	26.4
108	23.2	17.7	26.5



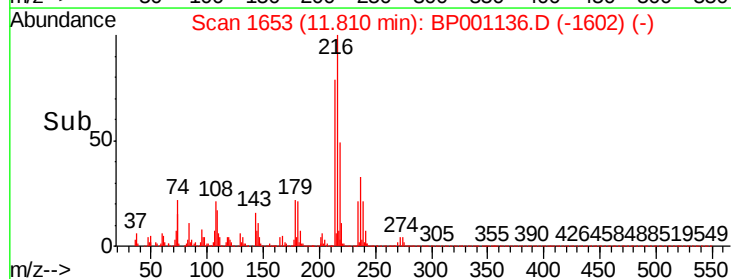
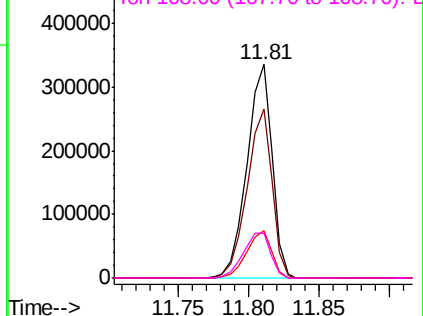
Abundance

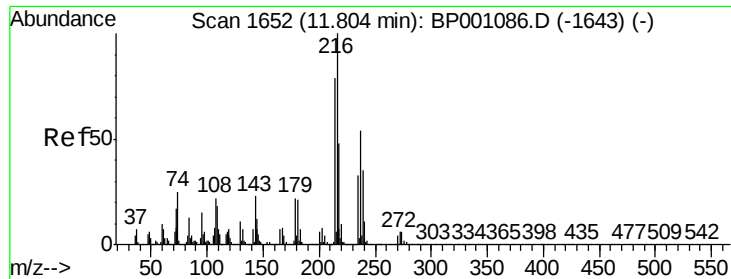
Ion 216.00 (215.70 to 216.70): E

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

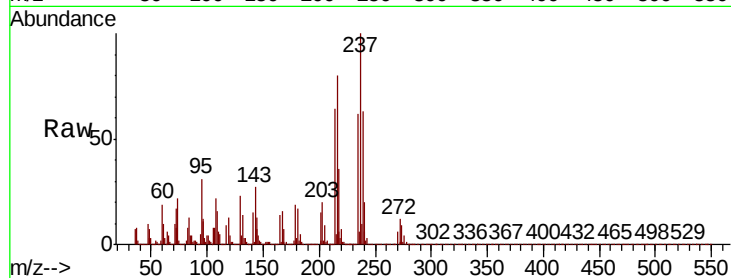




#41
Hexachlorocyclopentadiene
Concen: 65.240 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.8	81.8
272	12.3	0.0	31.9

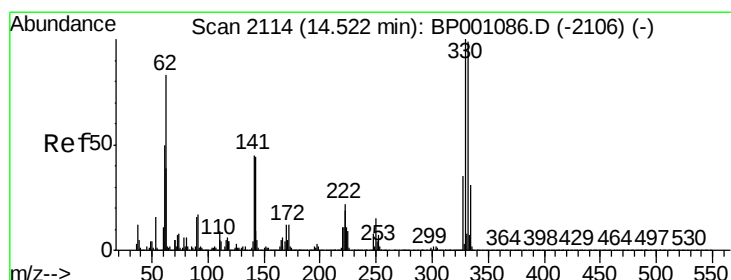
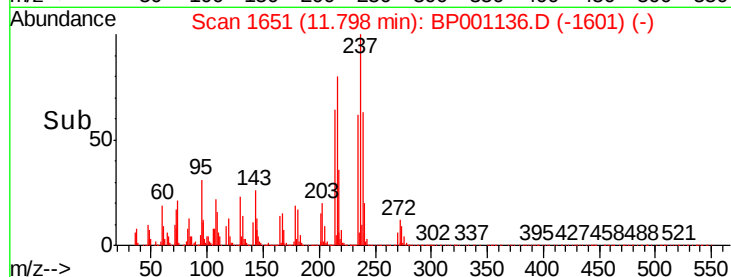
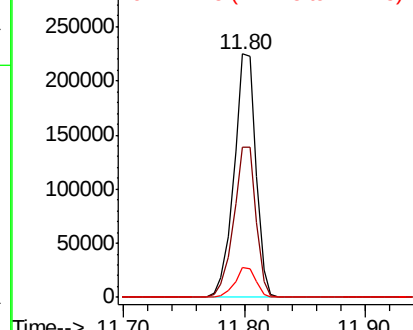


Abundance

Ion 236.80 (236.50 to 237.50): E

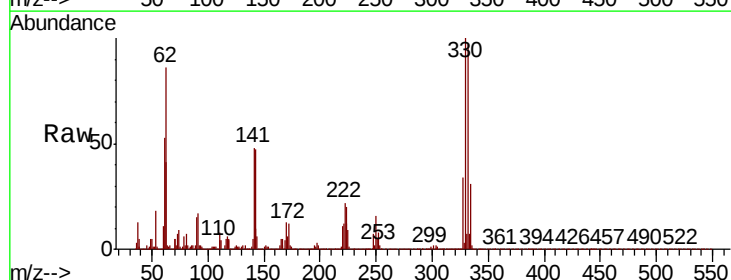
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 140.670 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	45.1	34.2	51.2

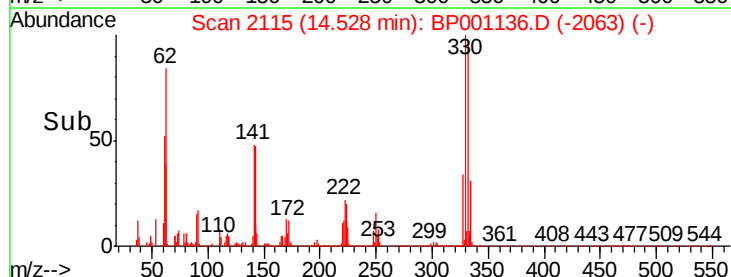
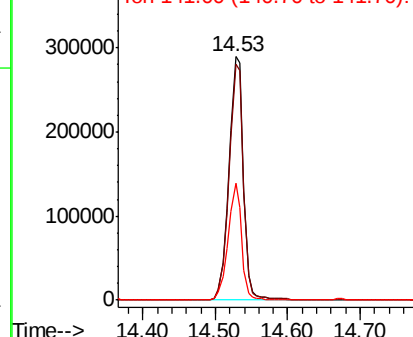


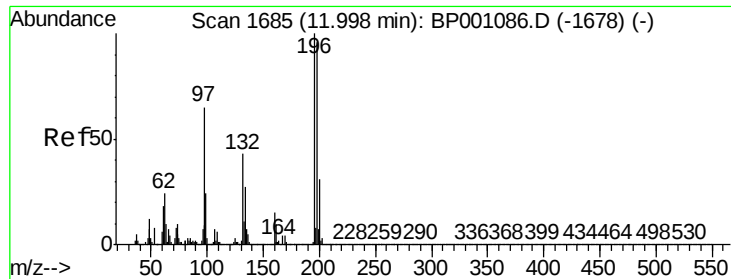
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

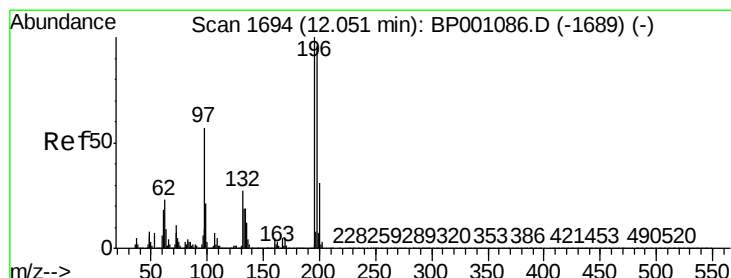
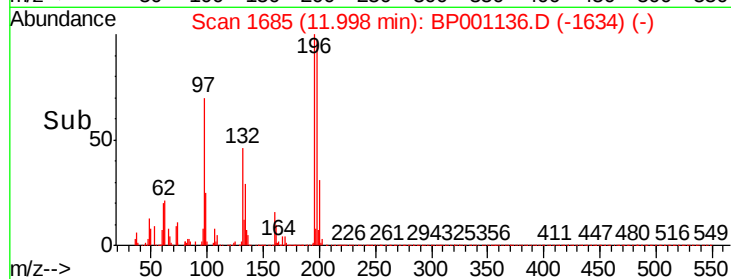
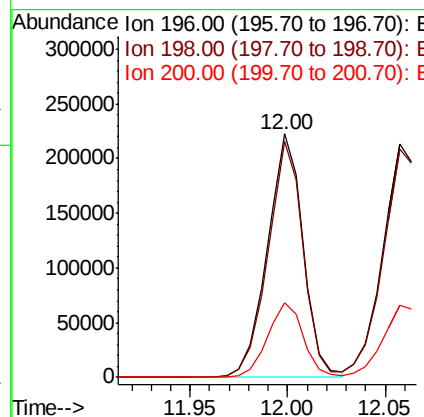
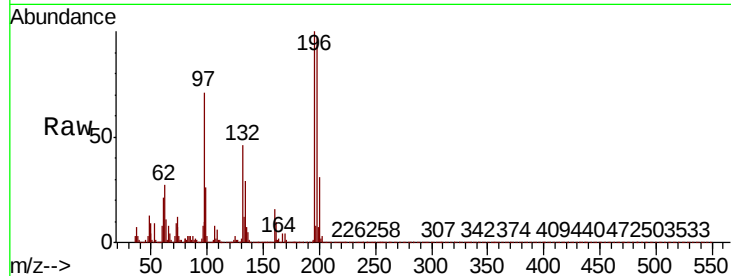




#43
 2,4,6-Trichlorophenol
 Concen: 45.780 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

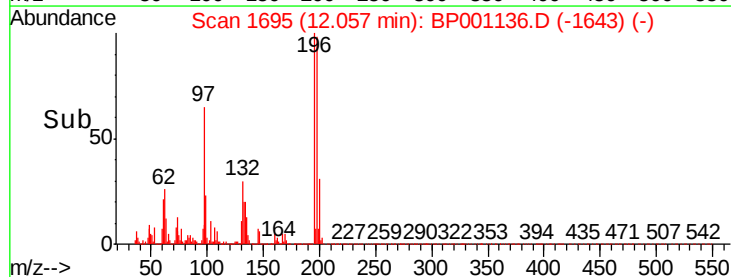
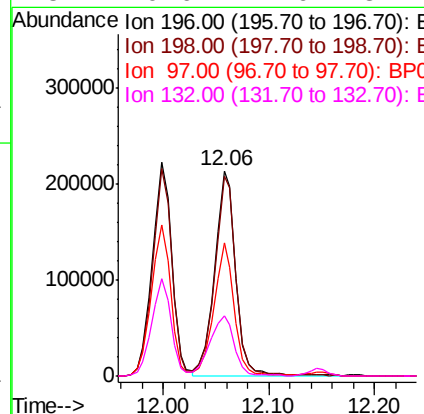
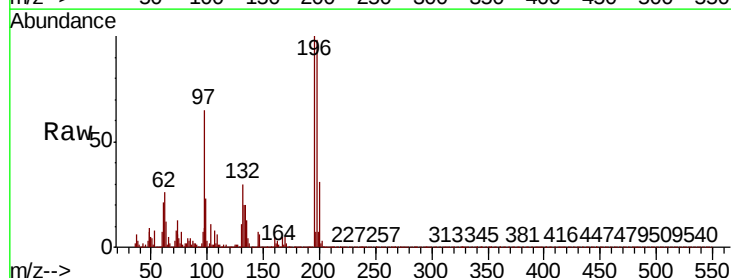
Instrument :
 BNA_P
 ClientSampled :

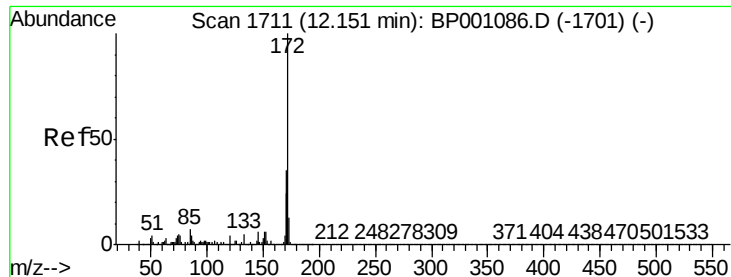
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.7	115.1
200	30.6	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.874 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.8	115.2
97	64.9	46.1	69.1
132	29.6	21.6	32.4

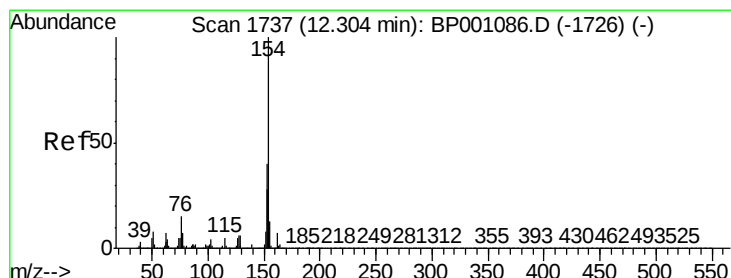
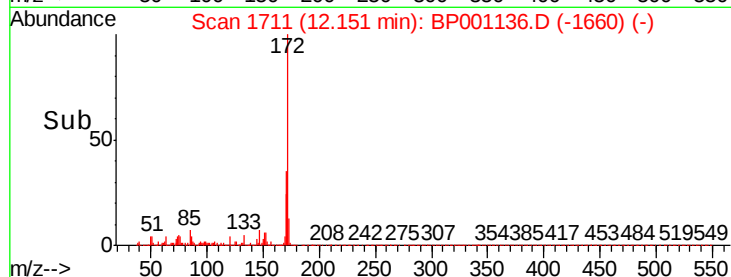
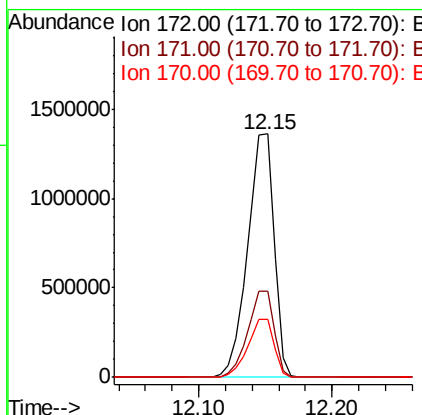
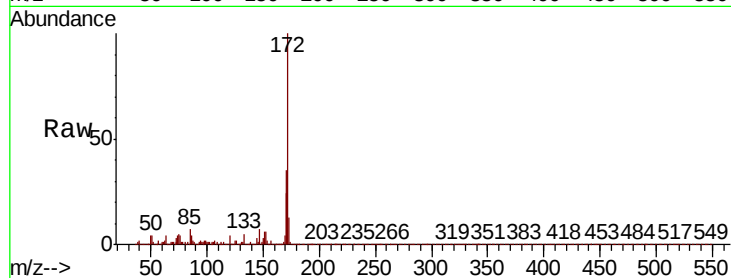




#45
2-Fluorobiphenyl
Concen: 90.640 ng
RT: 12.15 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

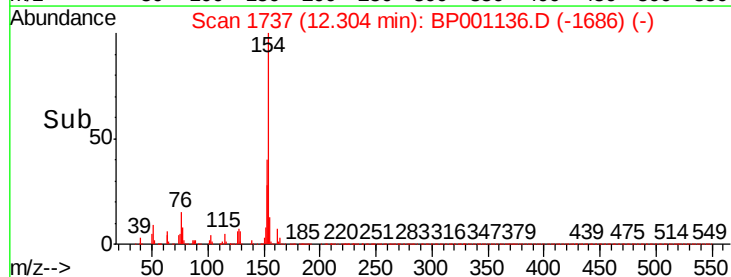
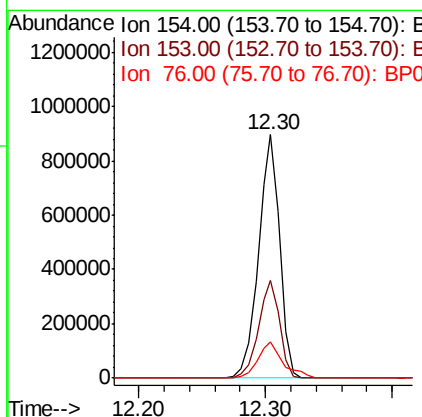
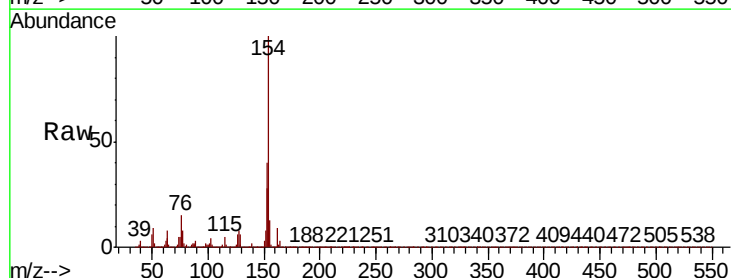
Instrument :
BNA_P
ClientSampleId :

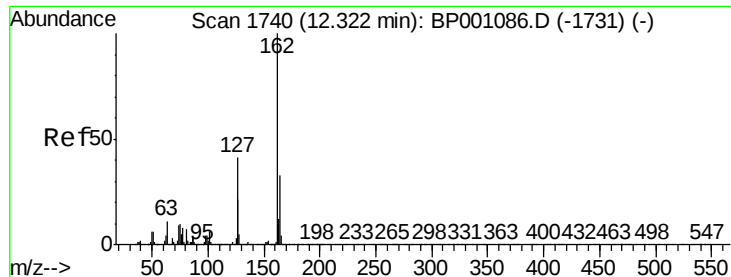
Tot Ion:172 Resp: 1847103
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 45.148 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:154 Resp: 1040671
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 14.7 0.0 34.5

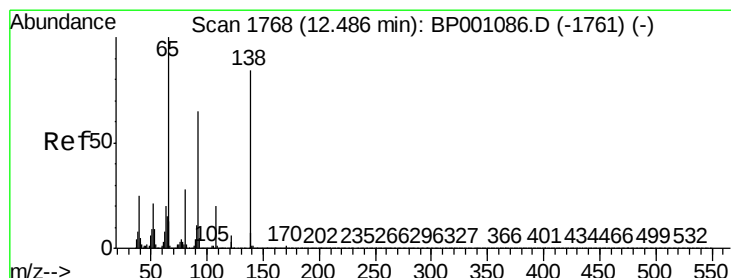
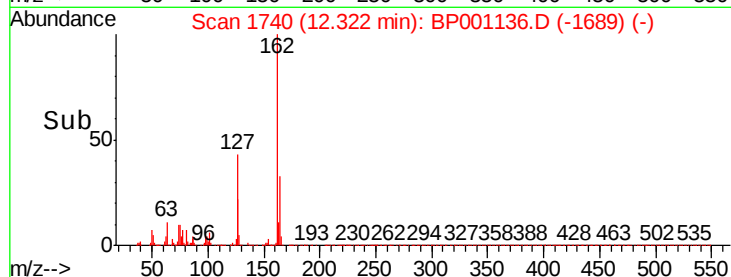
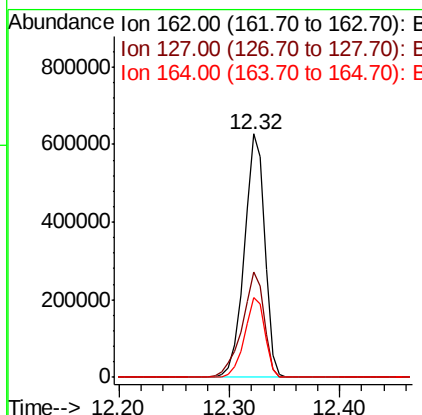
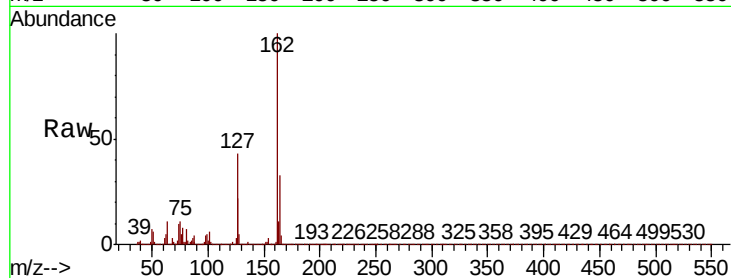




#47
2-Chloronaphthalene
Concen: 44.246 ng
RT: 12.32 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

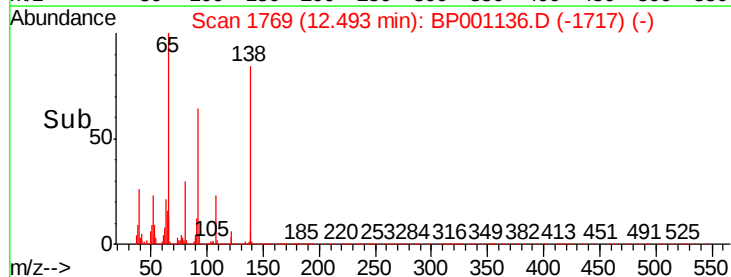
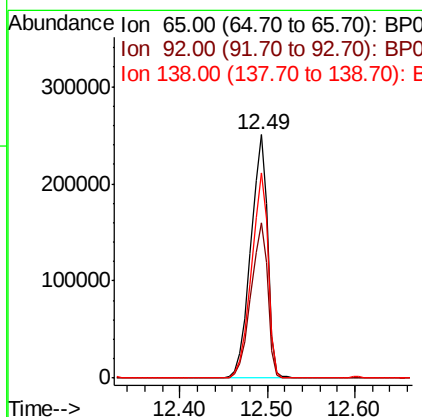
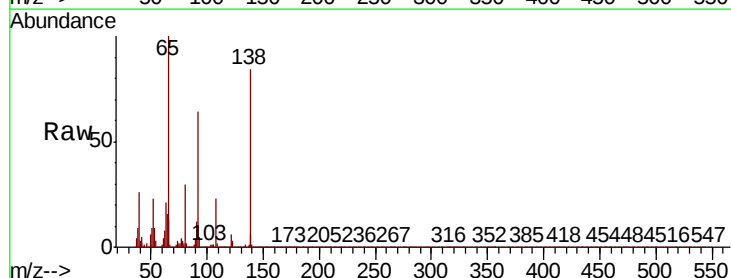
Instrument :
BNA_P
ClientSampleId :

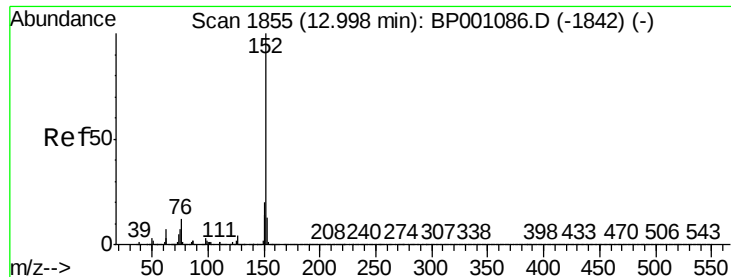
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	33.0	49.6
164	32.7	26.7	40.1



#48
2-Nitroaniline
Concen: 44.736 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	51.6	77.4
138	84.3	67.3	100.9





#49

Acenaphthylene

Concen: 47.116 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

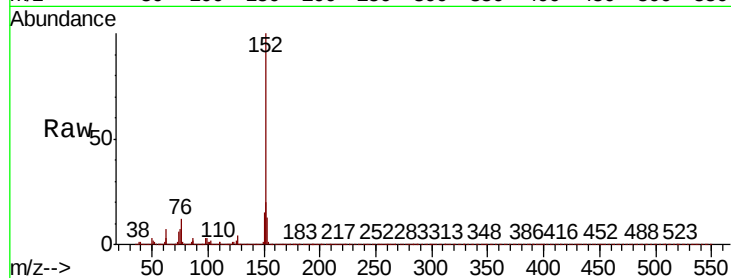
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1300335

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.0	10.2	15.4

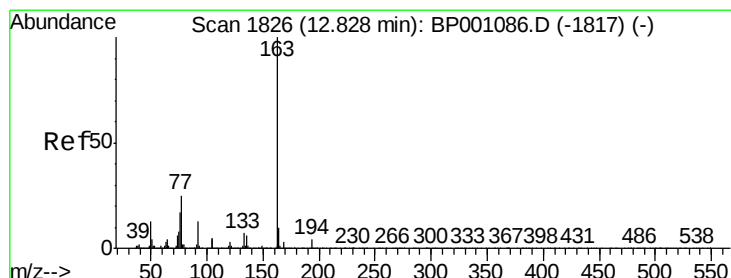
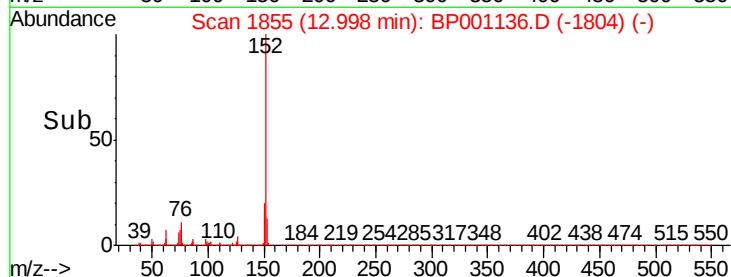
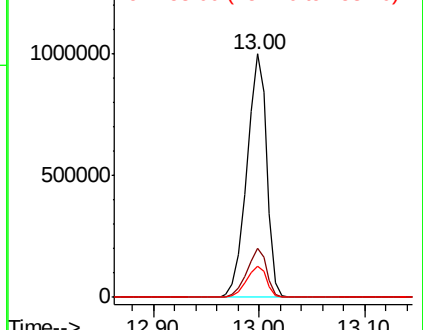


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.596 ng

RT: 12.83 min Scan# 1826

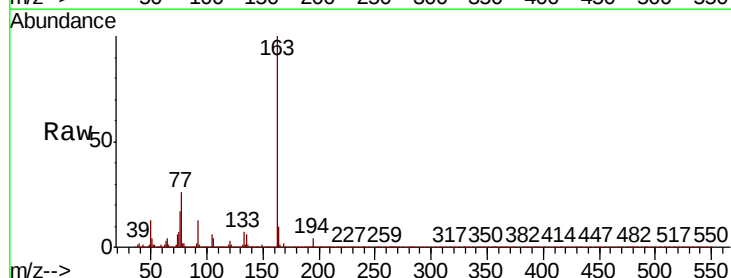
Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:163 Resp: 994794

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1

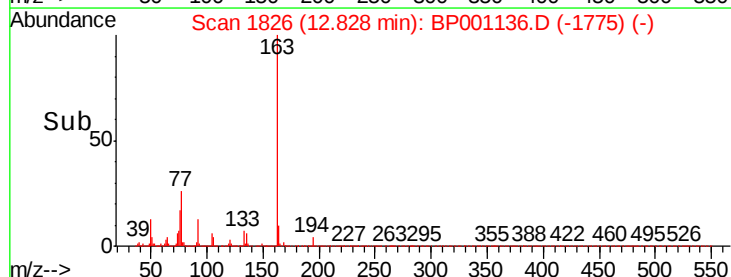
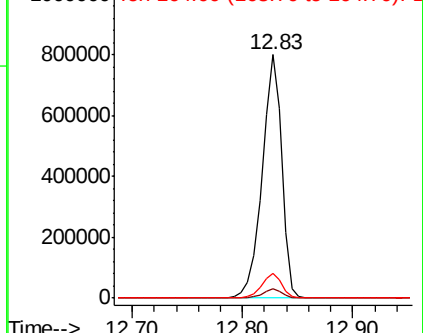


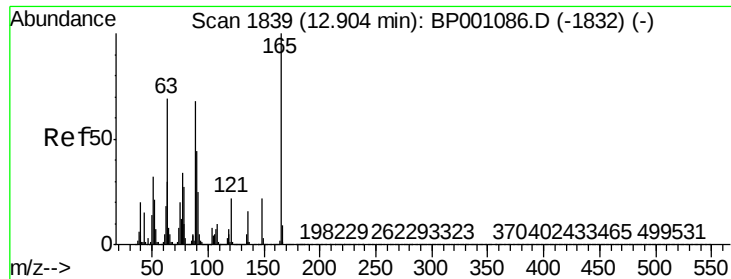
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

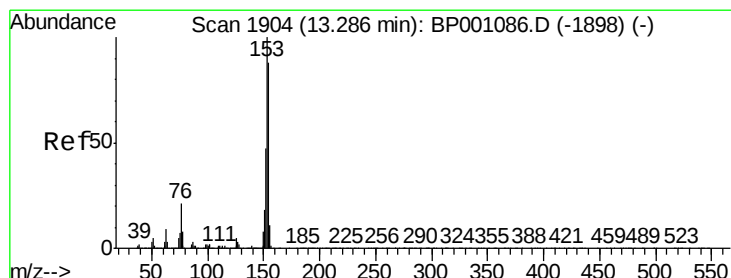
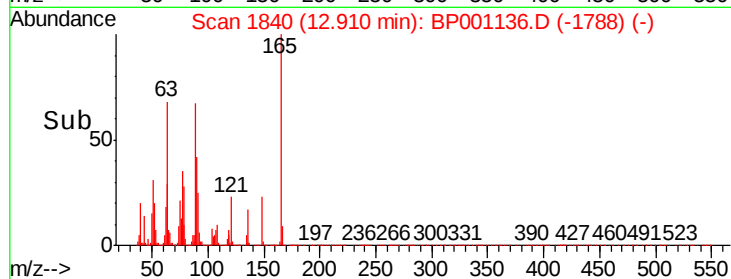
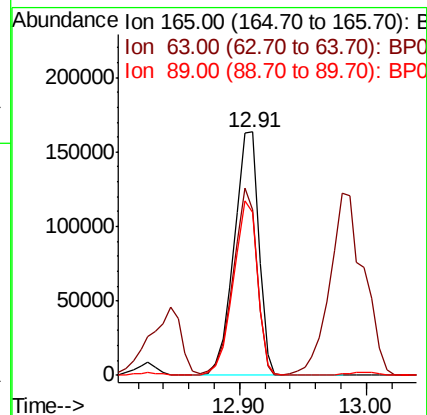
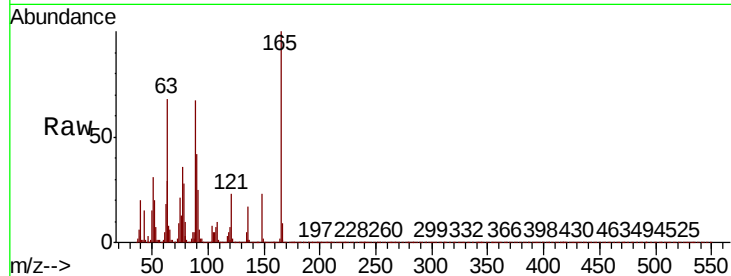




#51
 2,6-Dinitrotoluene
 Concen: 45.739 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

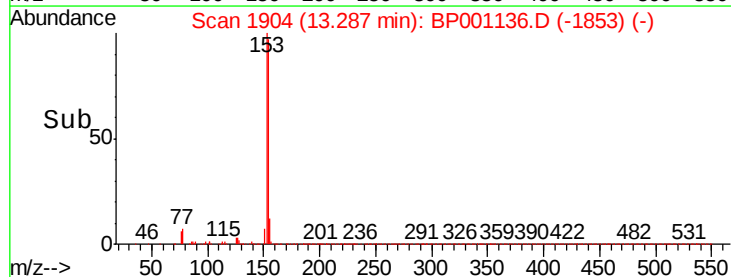
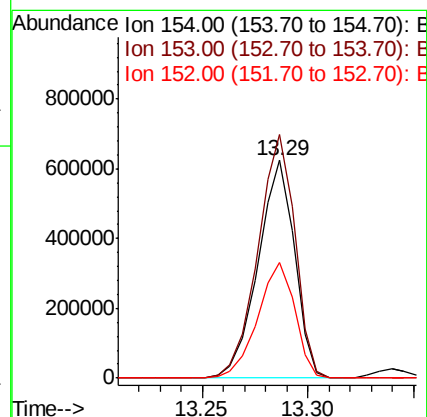
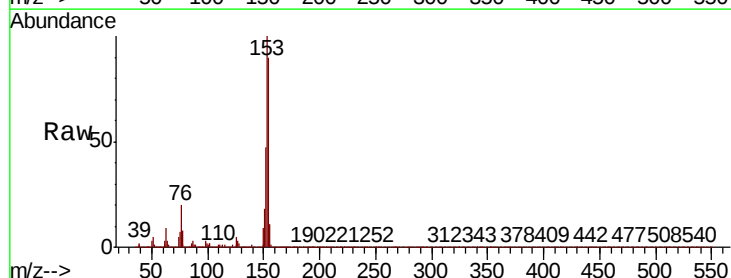
Instrument :
 BNA_P
 ClientSampled :

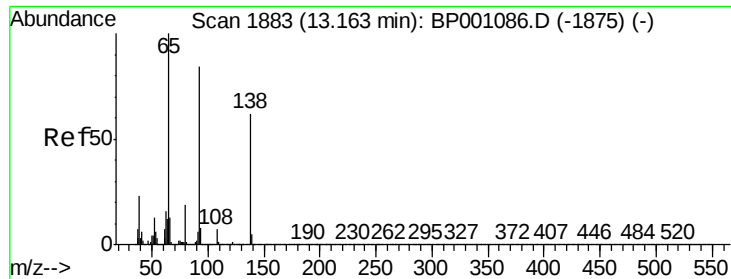
Tot Ion:165 Resp: 218407
 Ion Ratio Lower Upper
 165 100
 63 67.8 55.6 83.4
 89 67.1 54.1 81.1



#52
 Acenaphthene
 Concen: 45.309 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion:154 Resp: 752205
 Ion Ratio Lower Upper
 154 100
 153 111.7 90.5 135.7
 152 52.8 42.6 64.0





#53

3-Nitroaniline

Concen: 14.500 ng

RT: 13.16 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampled :

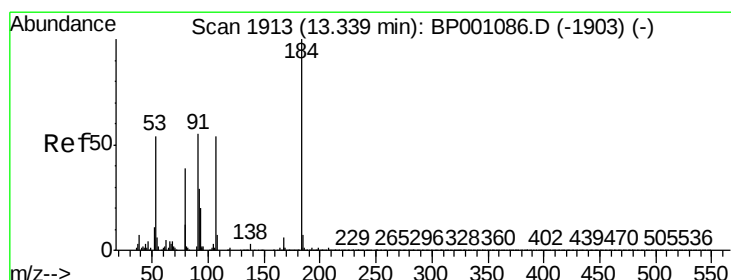
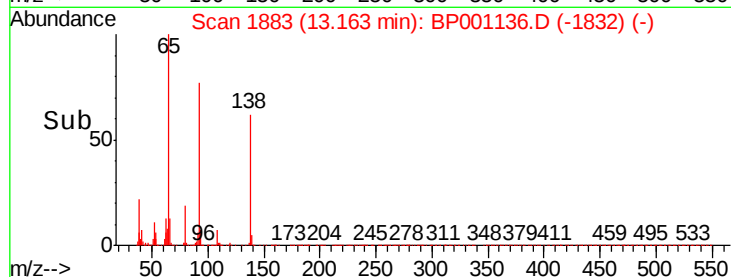
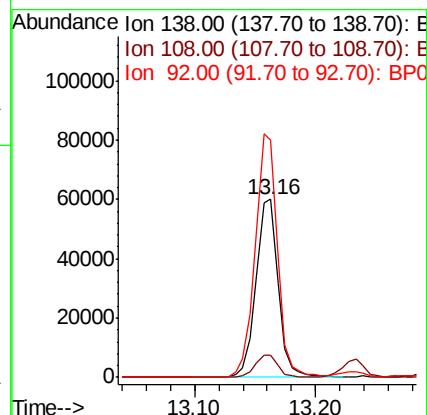
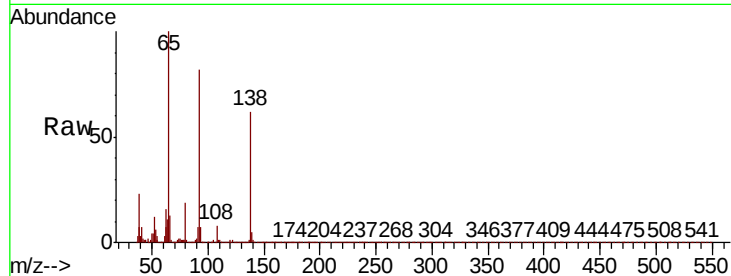
Tot Ion:138 Resp: 77779

Ion Ratio Lower Upper

138 100

108 12.4 9.2 13.8

92 133.5 107.8 161.6



#54

2,4-Dinitrophenol

Concen: 28.789 ng

RT: 13.34 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

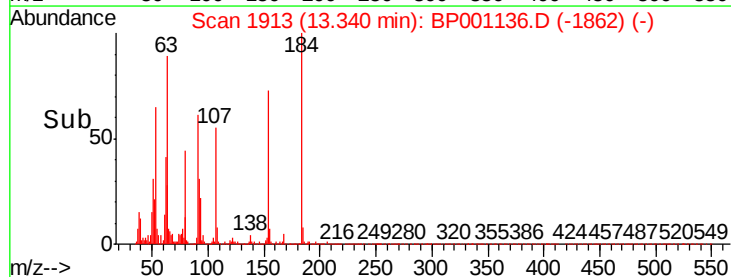
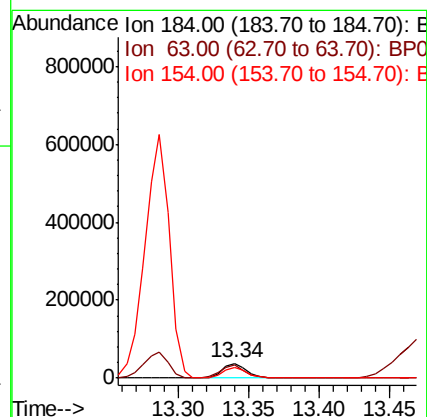
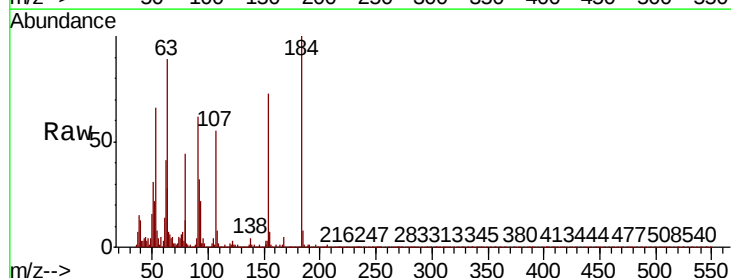
Tgt Ion:184 Resp: 46409

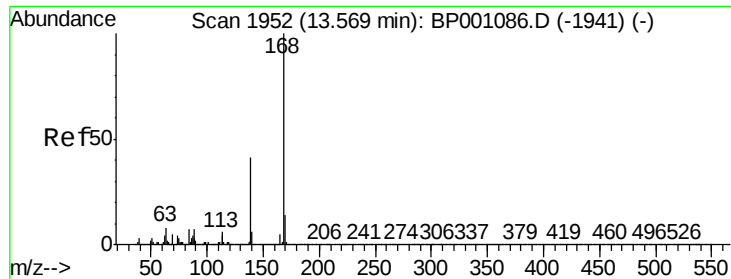
Ion Ratio Lower Upper

184 100

63 89.3 60.7 91.1

154 73.4 56.2 84.2





#55

Dibenzofuran

Concen: 45.623 ng

RT: 13.57 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

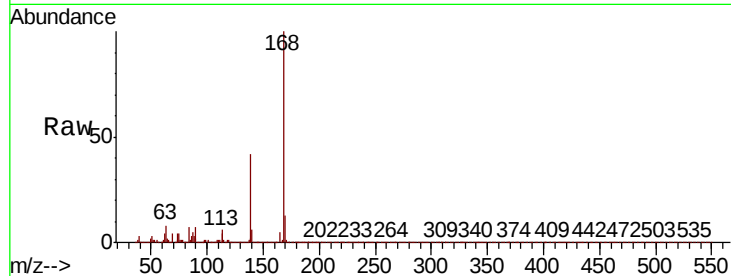
Tot Ion:168 Resp: 1138155

Ion Ratio Lower Upper

168 100

139 42.1 32.8 49.2

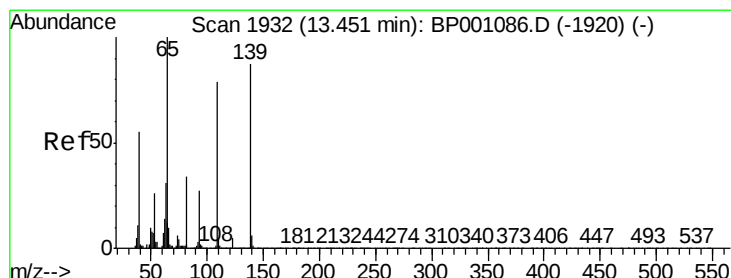
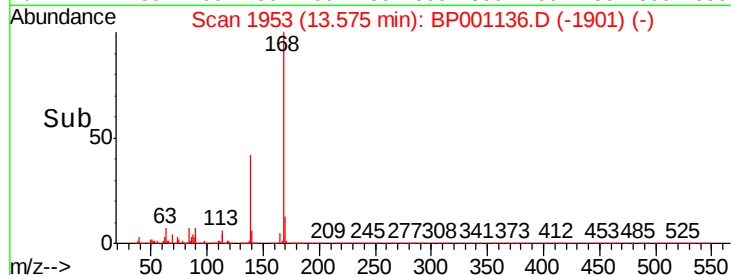
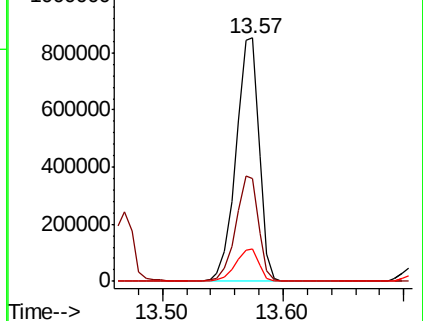
169 13.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.814 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.02 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

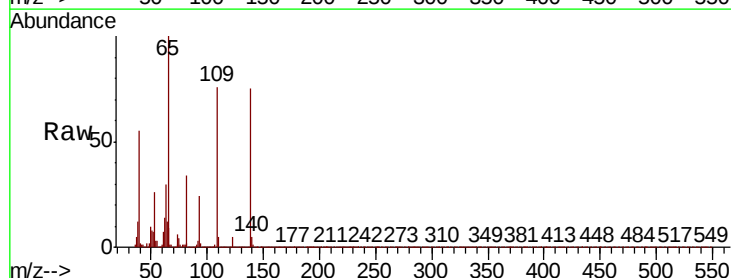
Tgt Ion:139 Resp: 348980

Ion Ratio Lower Upper

139 100

109 100.8 70.9 110.9

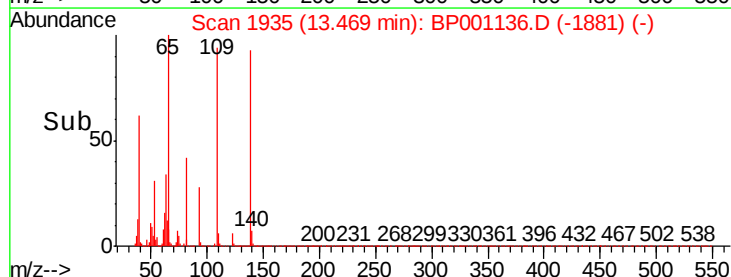
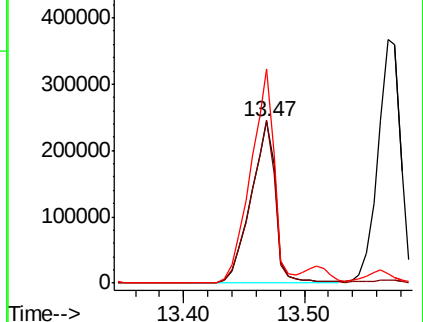
65 132.5 95.2 135.2

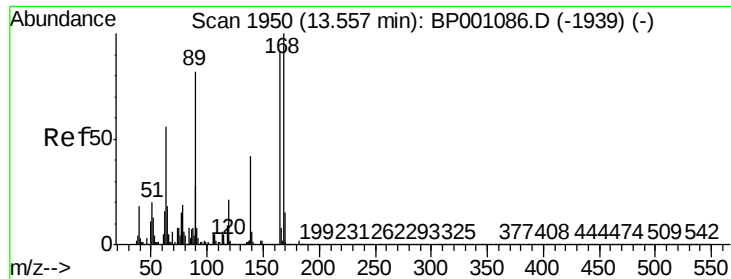


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

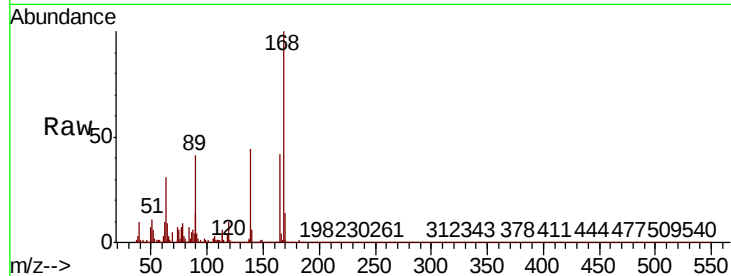




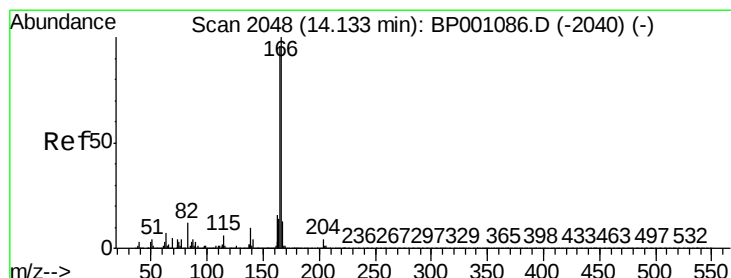
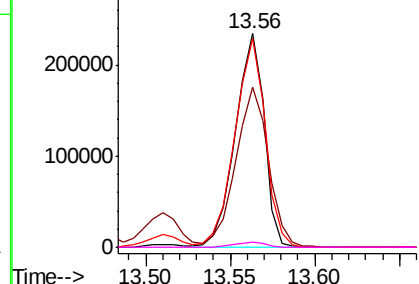
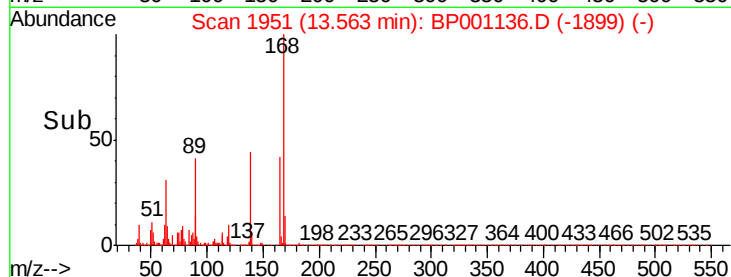
#57
2,4-Dinitrotoluene
Concen: 46.359 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 277472
Ion Ratio Lower Upper
165 100
63 75.2 49.4 74.2#
89 97.8 72.1 108.1
182 2.6 2.0 3.0

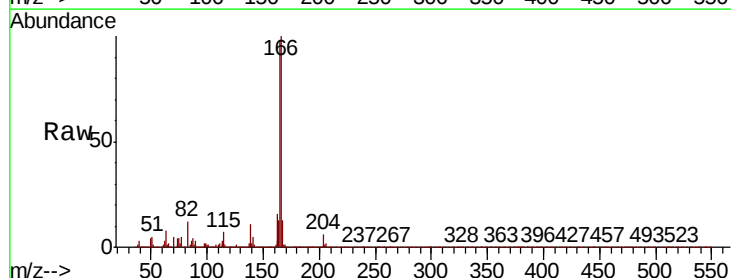


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

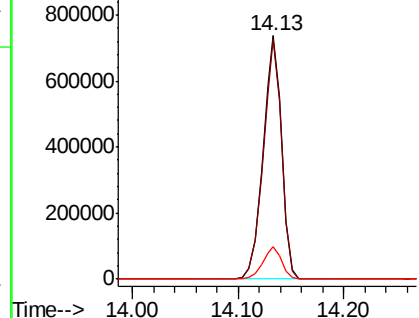
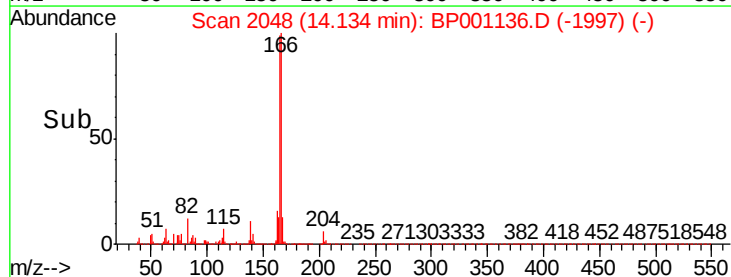


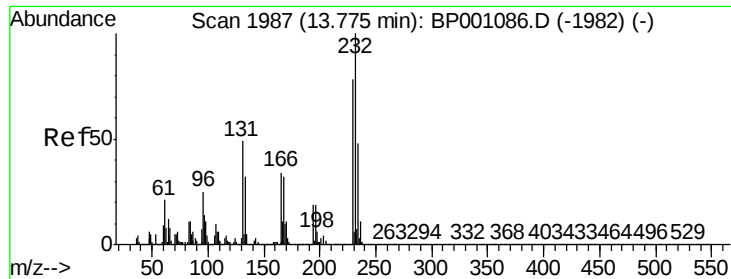
#58
Fluorene
Concen: 45.284 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:166 Resp: 905229
Ion Ratio Lower Upper
166 100
165 98.4 76.7 115.1
167 13.4 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

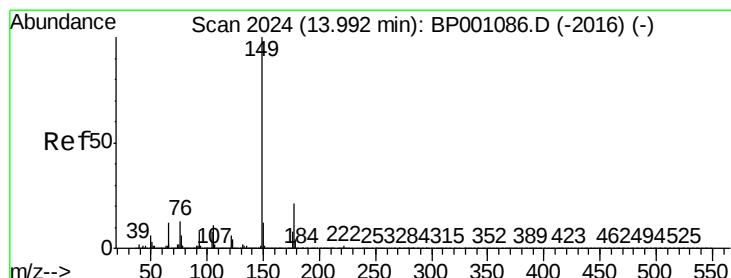
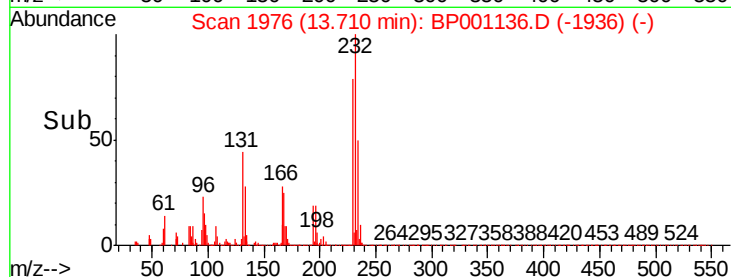
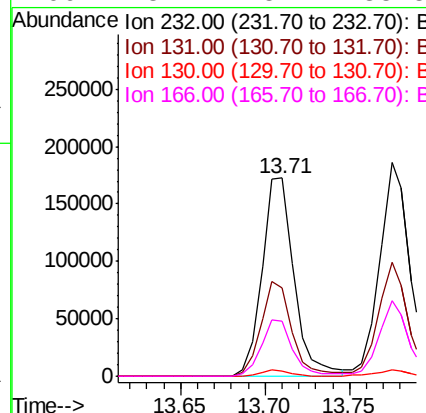
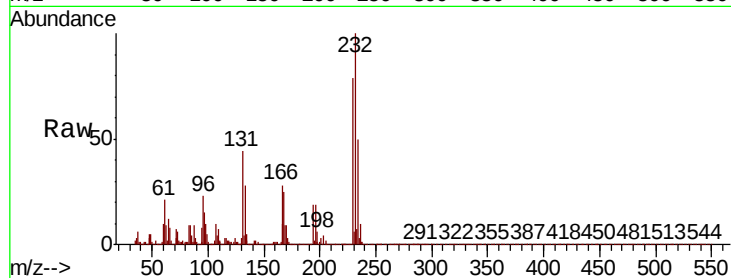




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.644 ng
 RT: 13.71 min Scan# 1976
 Delta R.T. -0.06 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

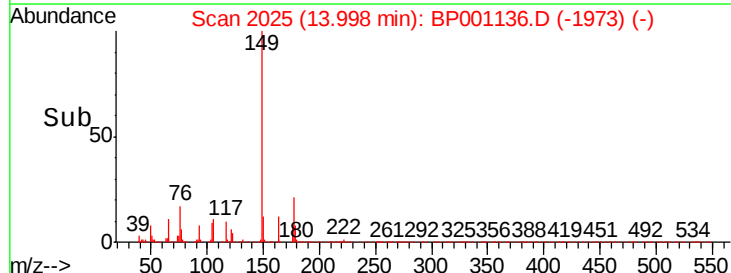
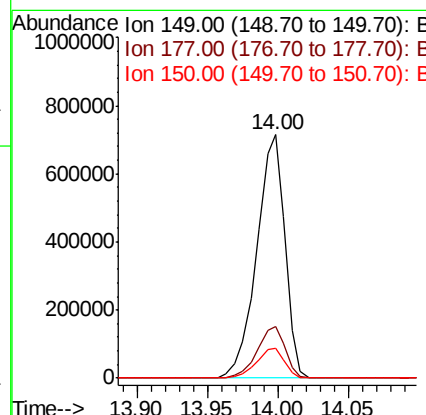
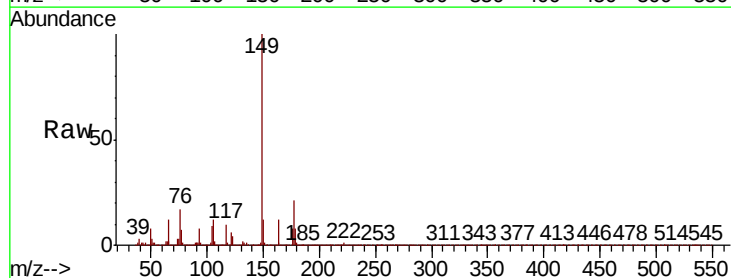
Instrument :
 BNA_P
 ClientSampleId :

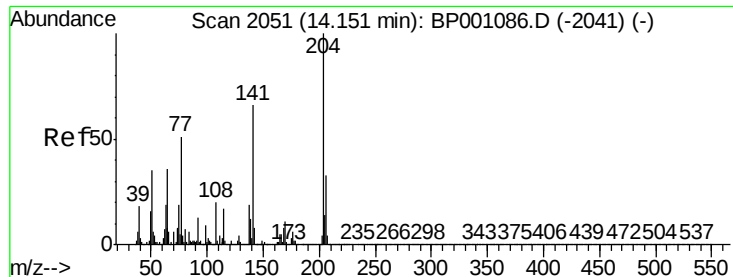
Tot Ion:232	Resp:	228130
Ion	Ratio	Lower Upper
232	100	
131	45.8	39.6 59.4
130	2.7	1.9 2.9
166	28.1	25.7 38.5



#60
 Diethylphthalate
 Concen: 43.576 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion:149	Resp:	1006481
Ion	Ratio	Lower Upper
149	100	
177	21.2	17.0 25.6
150	12.3	9.9 14.9

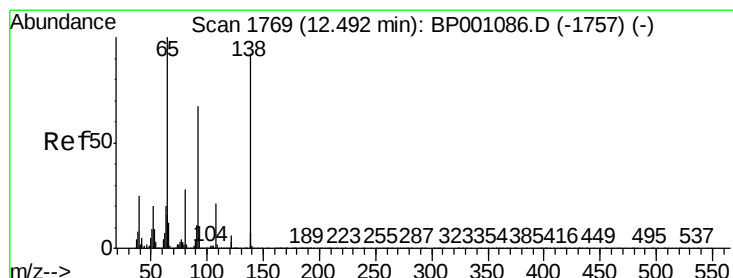
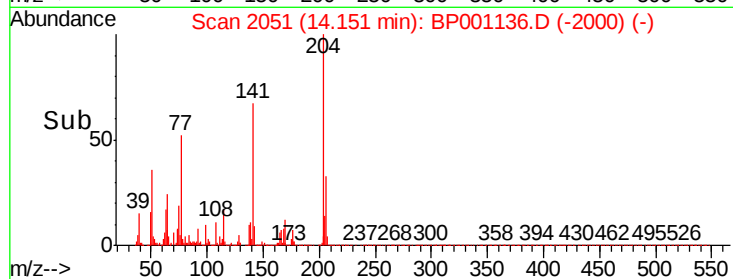
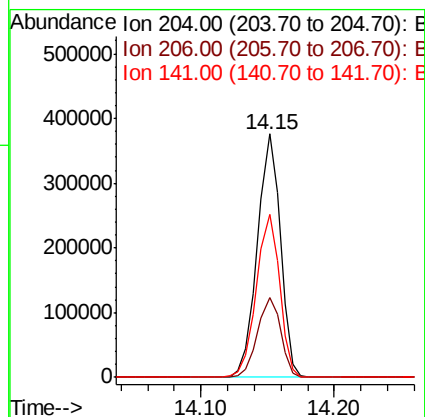
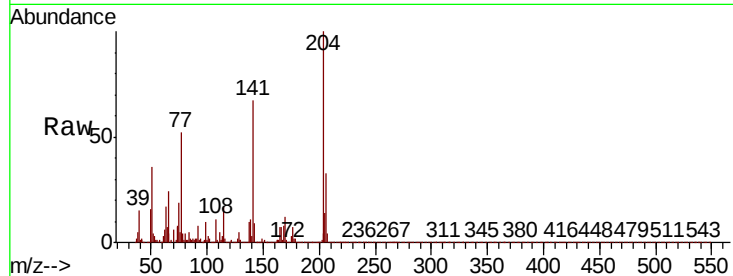




#61
4-Chlorophenyl-phenylether
Concen: 43.758 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

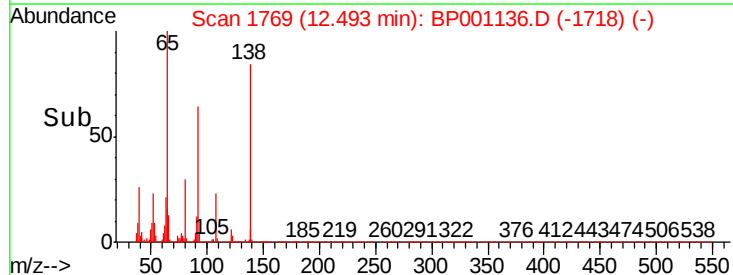
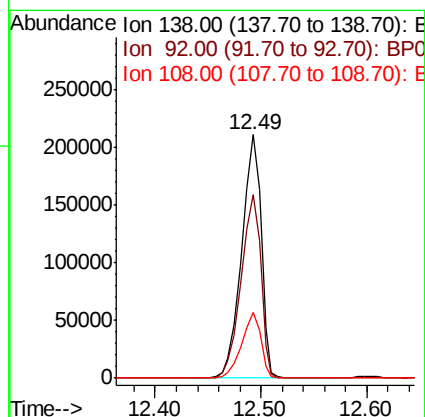
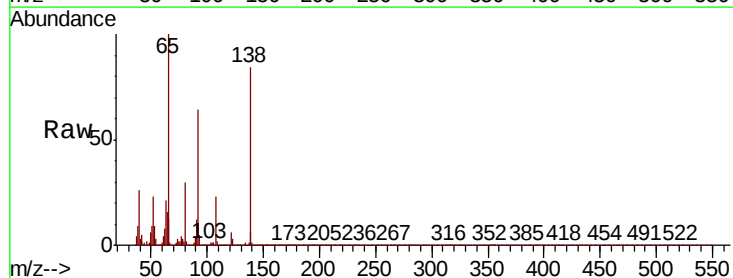
Instrument :
BNA_P
ClientSampled :

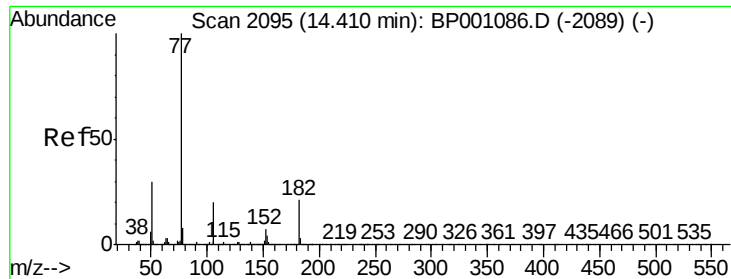
Tot Ion:204 Resp: 445432
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 66.9 52.7 79.1



#62
4-Nitroaniline
Concen: 43.087 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:138 Resp: 267958
Ion Ratio Lower Upper
138 100
92 75.5 53.3 93.3
108 26.8 3.1 43.1





#63

Azobenzene

Concen: 45.008 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1123682

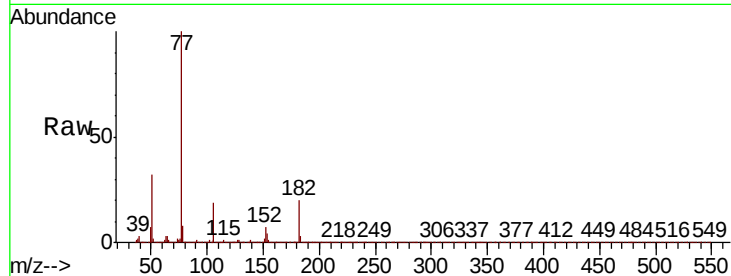
Ion Ratio Lower Upper

77 100

182 20.4 0.8 40.8

105 19.3 0.3 40.3

51 31.8 9.6 49.6

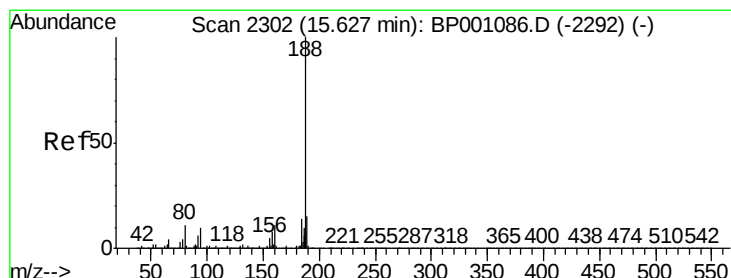
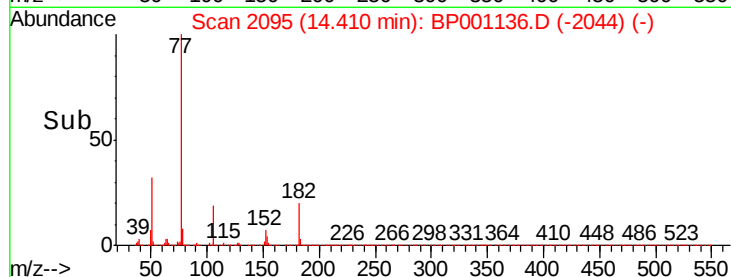
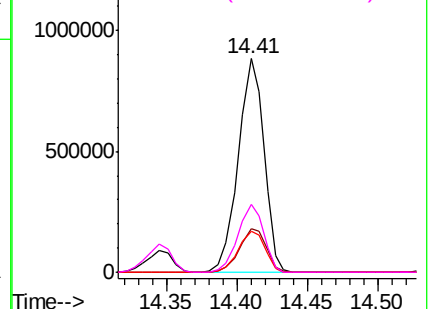


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

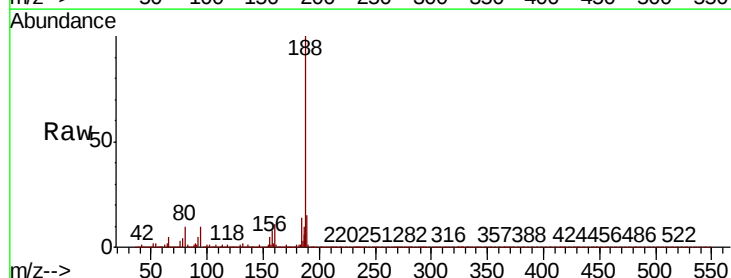
Tgt Ion: 188 Resp: 558879

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

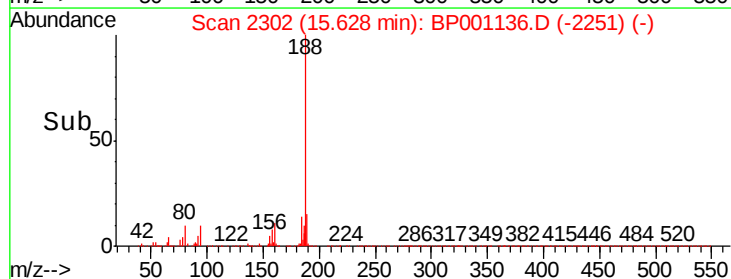
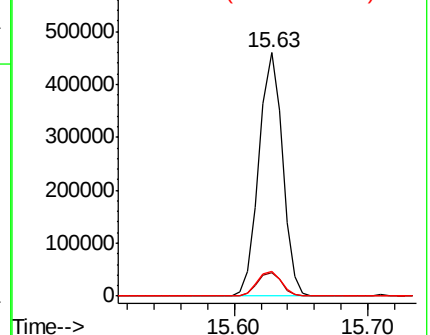
80 10.3 8.8 13.2

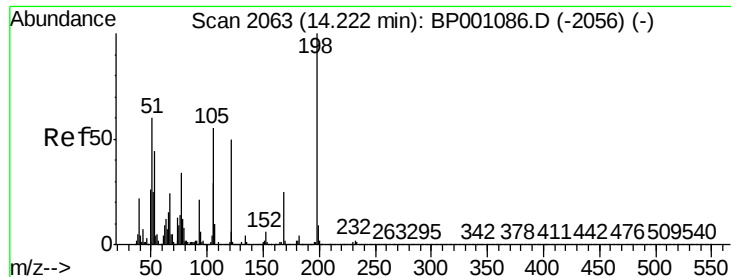


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

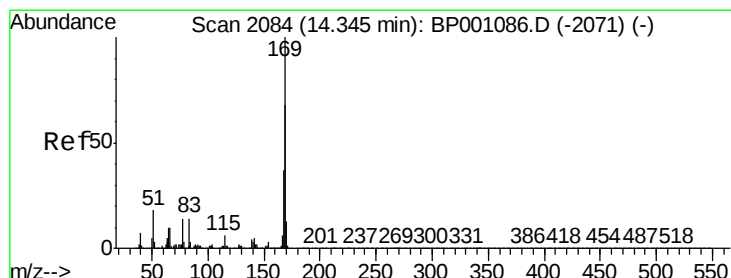
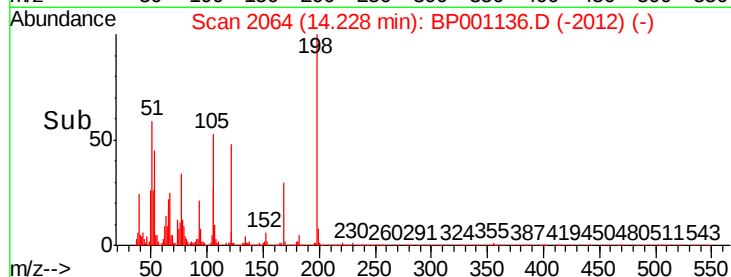
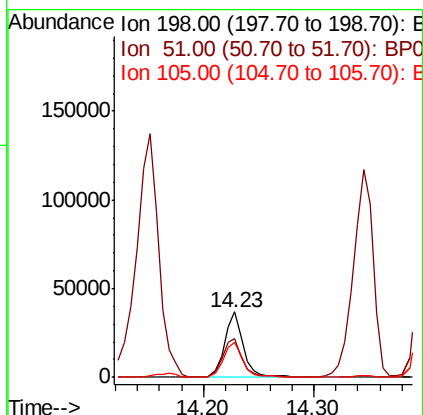
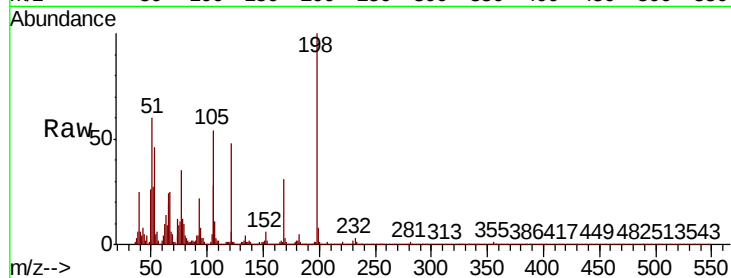




#65
4,6-Dinitro-2-methylphenol
Concen: 22.285 ng
RT: 14.23 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

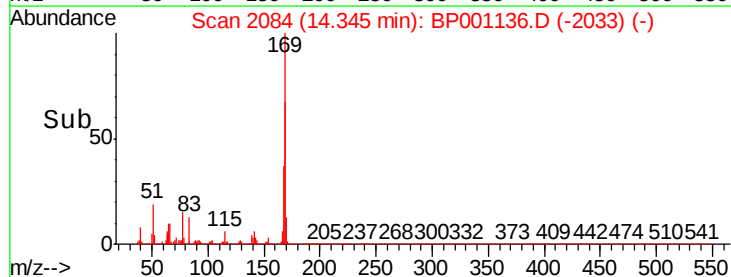
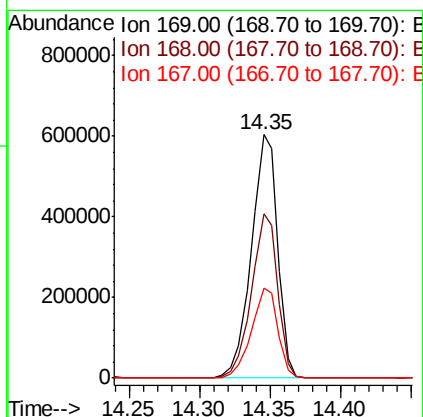
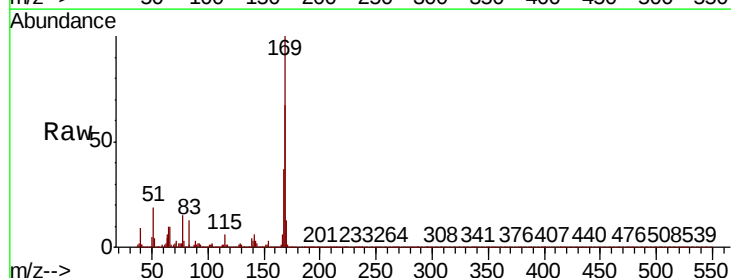
Instrument :
BNA_P
ClientSampleId :

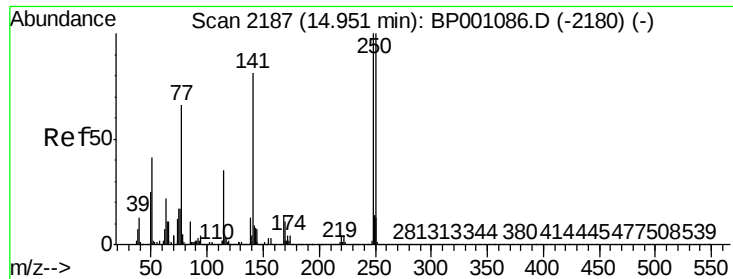
Tot Ion:198 Resp: 44143
Ion Ratio Lower Upper
198 100
51 59.6 40.5 80.5
105 53.7 35.7 75.7



#66
n-Nitrosodiphenylamine
Concen: 46.561 ng
RT: 14.35 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:169 Resp: 790661
Ion Ratio Lower Upper
169 100
168 67.3 54.1 81.1
167 36.9 29.5 44.3

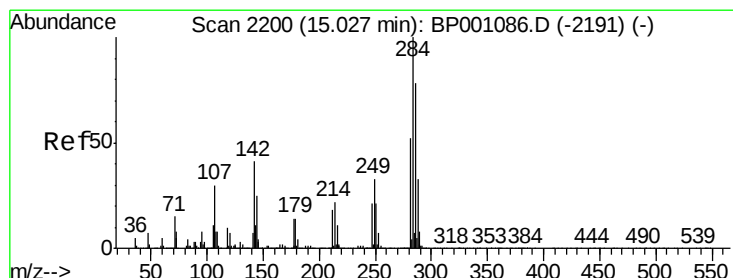
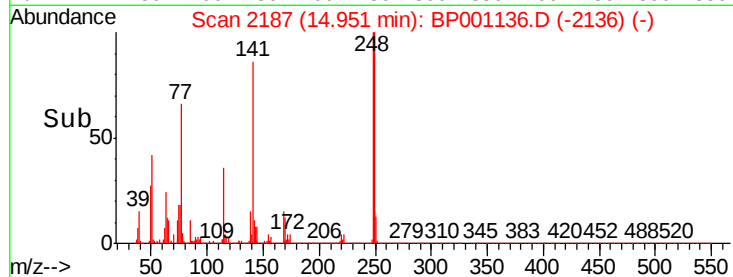
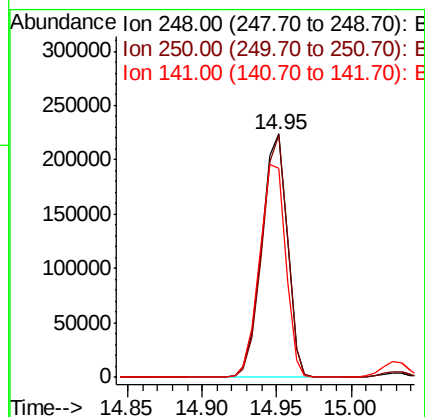
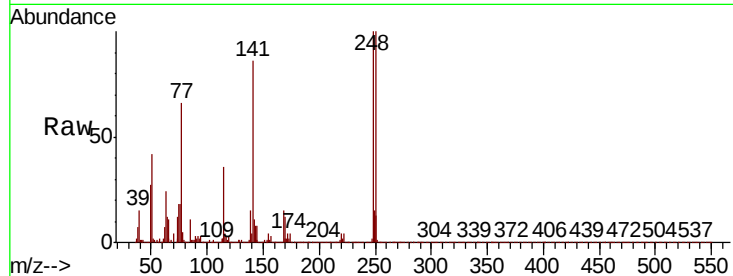




#67
4-Bromophenyl-phenylether
Concen: 43.615 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

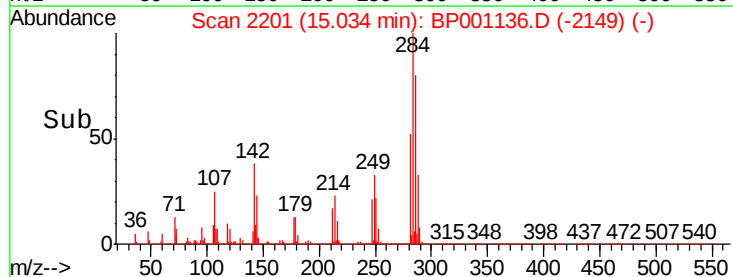
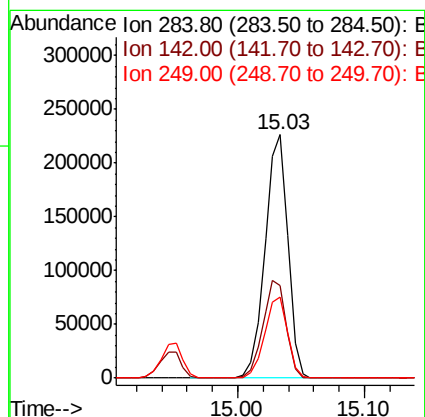
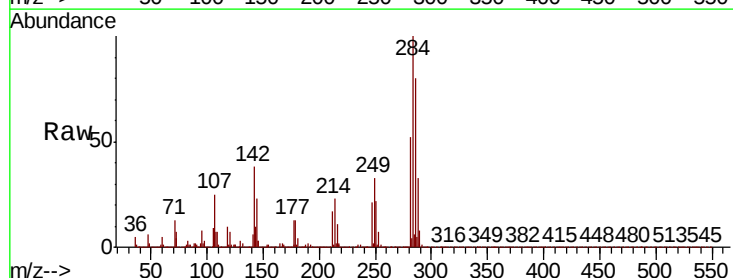
Instrument :
BNA_P
ClientSampleId :

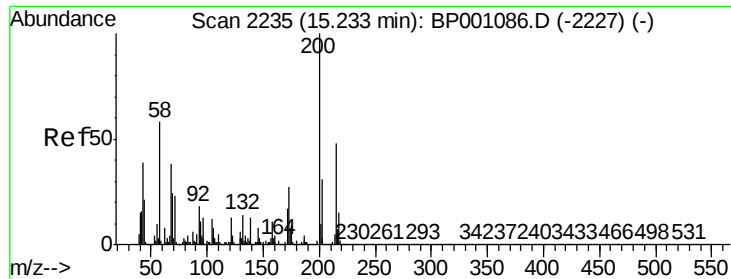
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	80.3	120.5
141	85.9	64.9	97.3



#68
Hexachlorobenzene
Concen: 42.391 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	33.2	49.8
249	33.2	26.2	39.4





#69

Atrazine

Concen: 48.216 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampled :

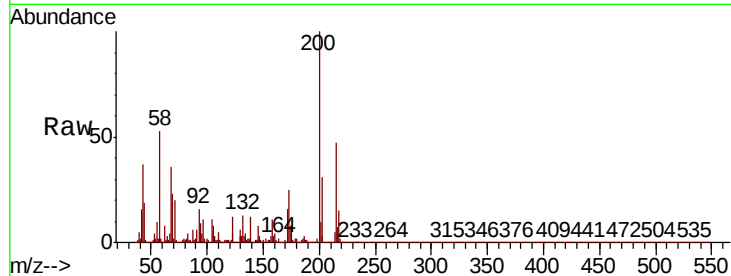
Tot Ion:200 Resp: 249994

Ion Ratio Lower Upper

200 100

173 25.3 6.7 46.7

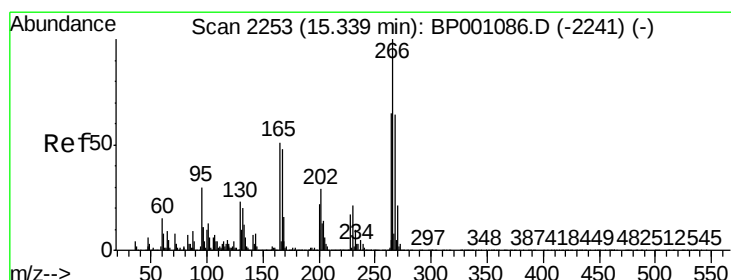
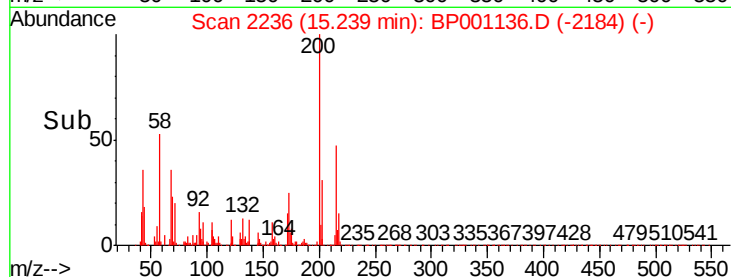
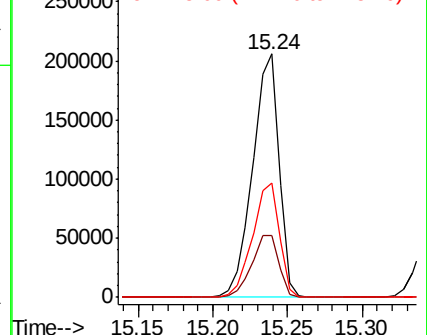
215 47.2 27.9 67.9



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: 82.102 ng

RT: 15.35 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

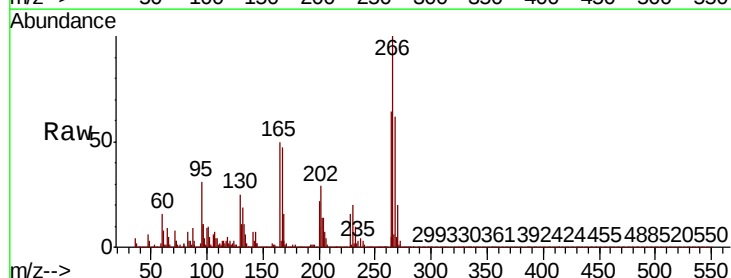
Tgt Ion:266 Resp: 285443

Ion Ratio Lower Upper

266 100

268 61.5 51.6 77.4

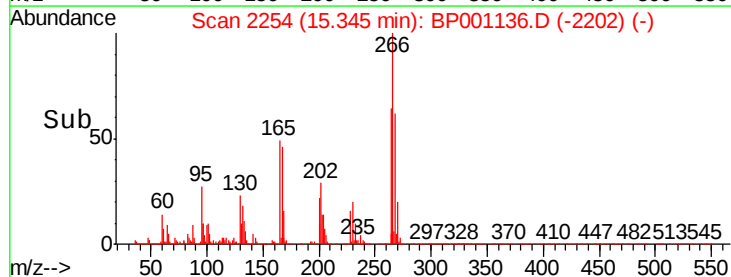
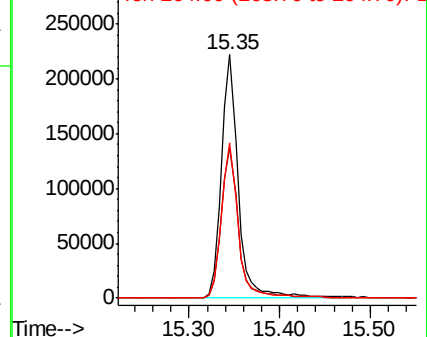
264 63.6 52.2 78.4

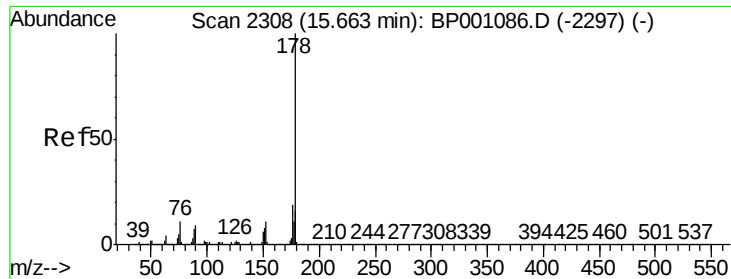


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

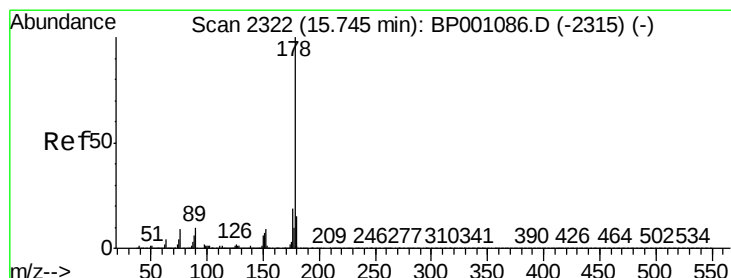
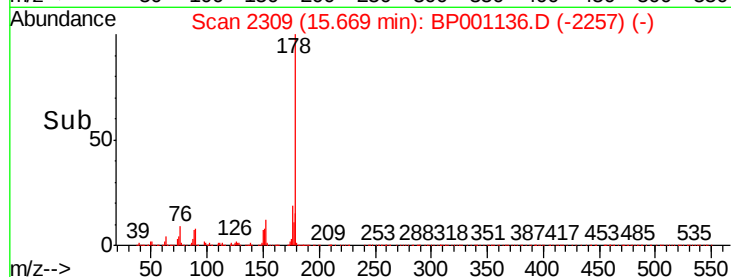
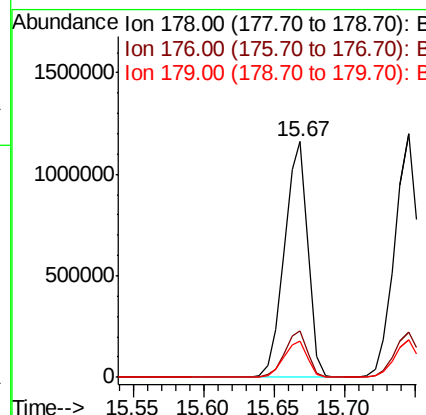
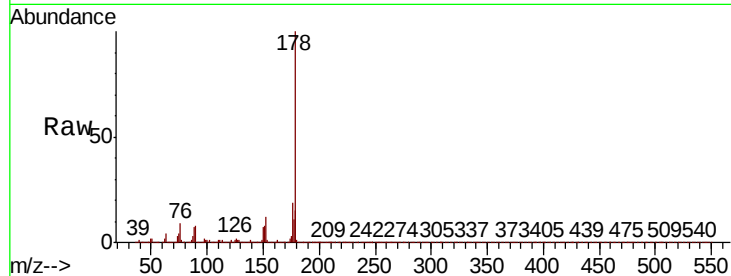




#71
Phenanthrene
Concen: 45.433 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

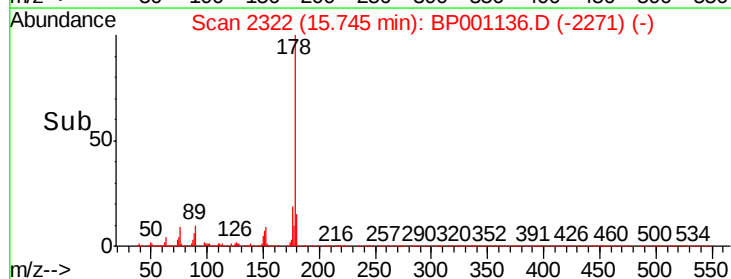
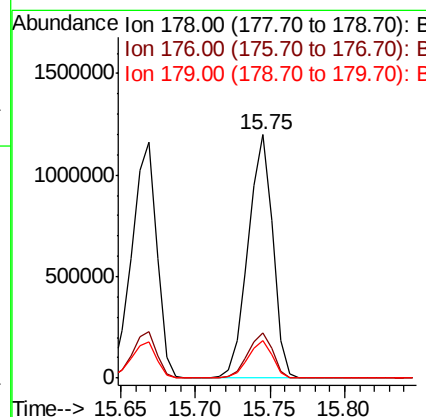
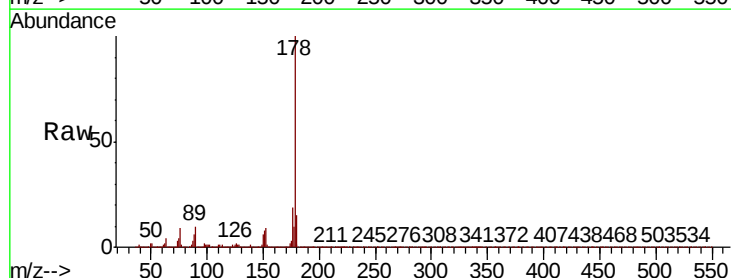
Instrument :
BNA_P
ClientSampleId :

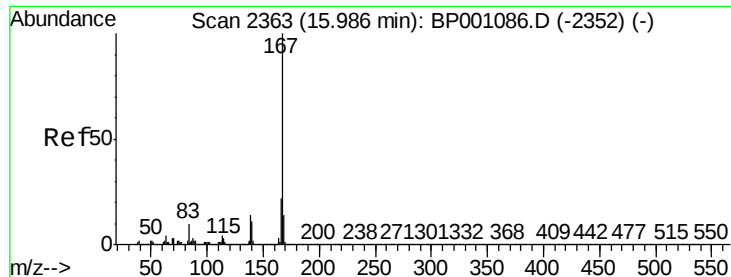
Tot Ion:178 Resp: 1334920
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.3 12.5 18.7



#72
Anthracene
Concen: 47.221 ng
RT: 15.75 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:178 Resp: 1367538
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.2 18.4



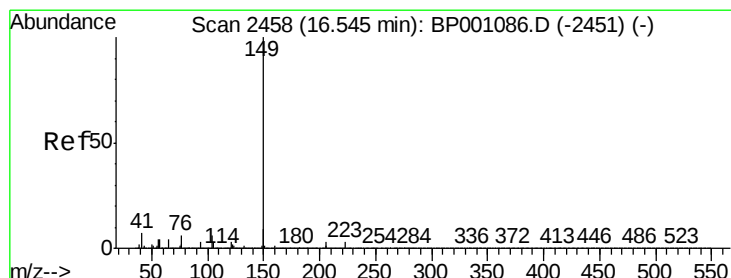
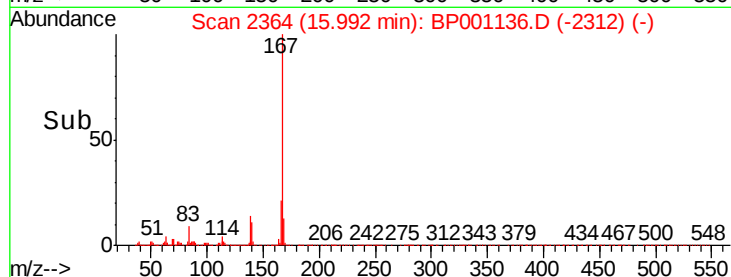
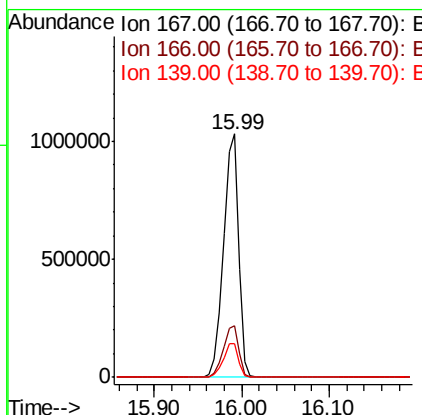
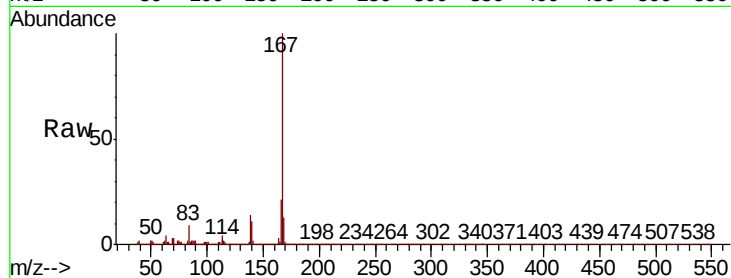


#73
 Carbazole
 Concen: 47.038 ng
 RT: 15.99 min Scan# 2364
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1239564

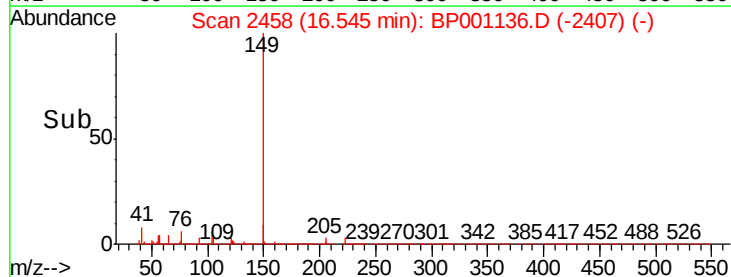
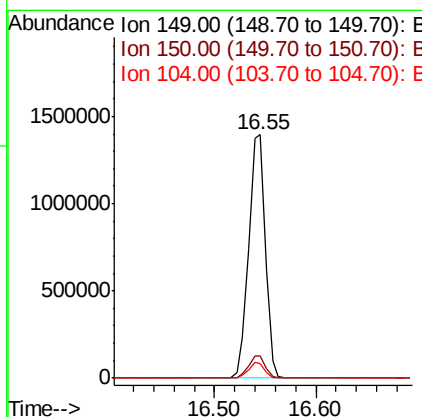
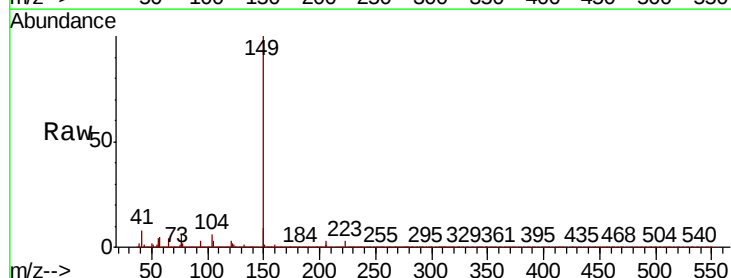
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	14.0	11.3	16.9

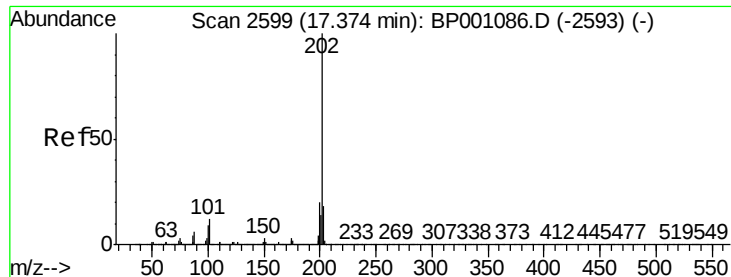


#74
 Di-n-butylphthalate
 Concen: 44.857 ng
 RT: 16.55 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion:149 Resp: 1589363

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.9	4.6	6.8

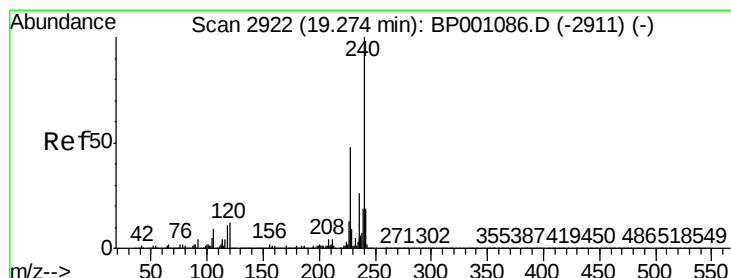
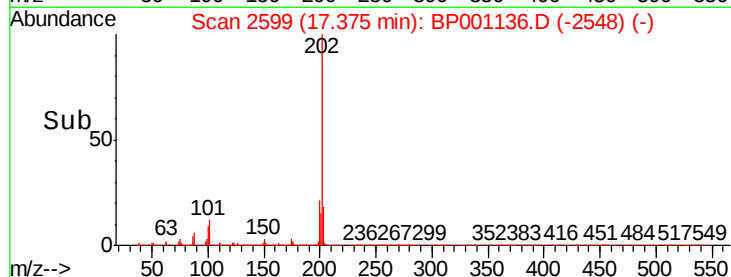
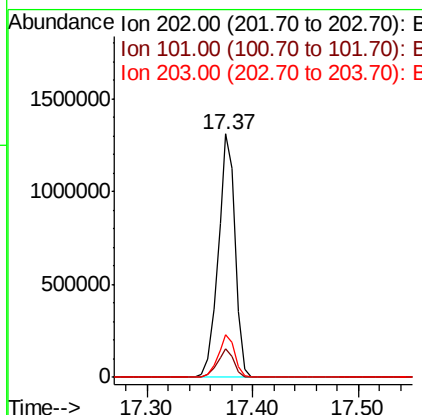
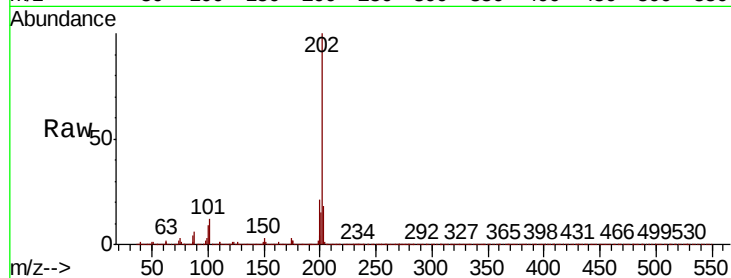




#75
Fluoranthene
Concen: 47.147 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

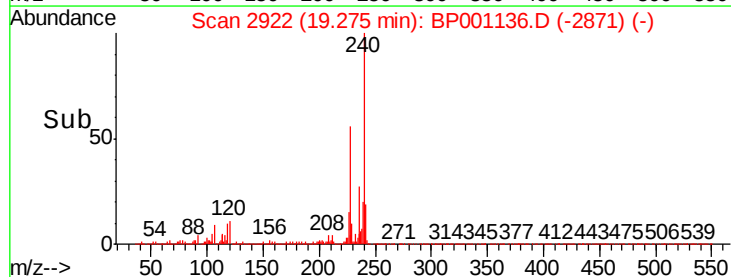
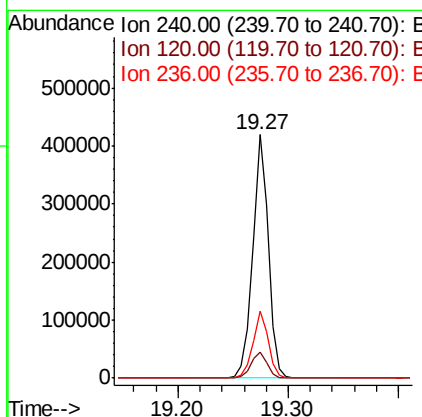
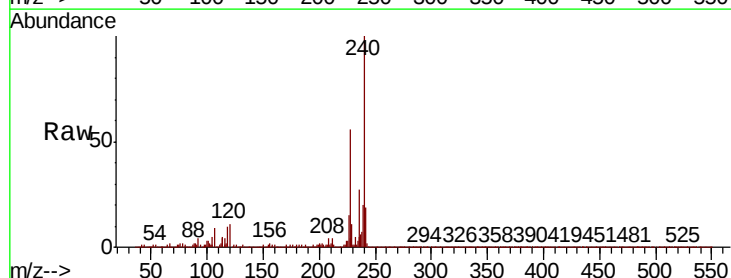
Instrument :
BNA_P
ClientSampleId :

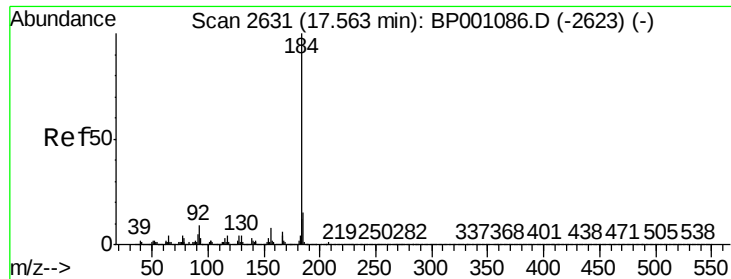
Tot Ion:202 Resp: 1466524
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.1
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:240 Resp: 417714
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 27.4 20.4 30.6

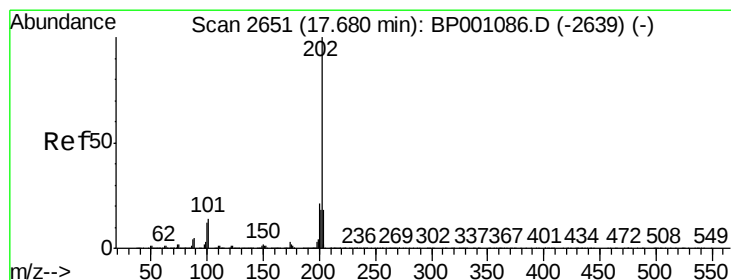
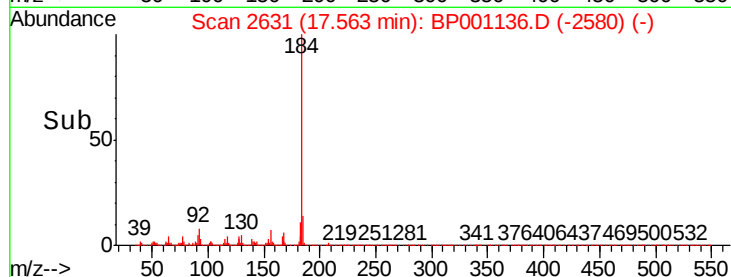
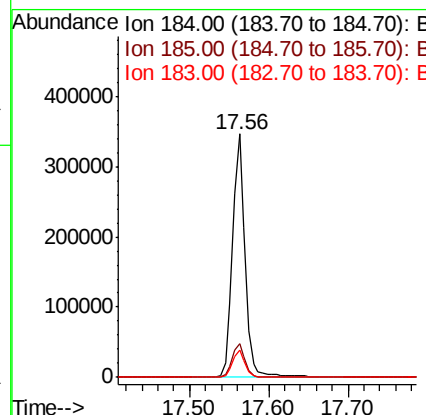
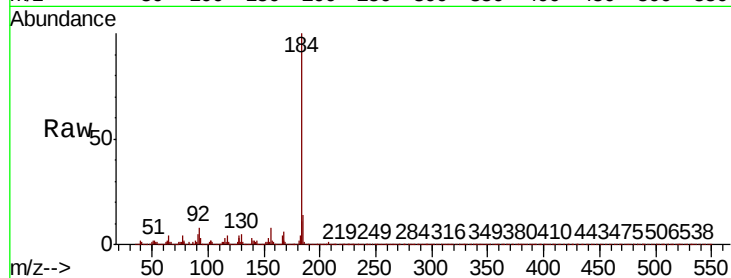




#77
Benzidine
Concen: 35.282 ng
RT: 17.56 min Scan# 2631
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

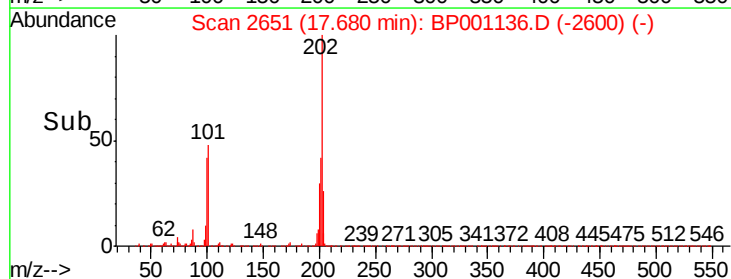
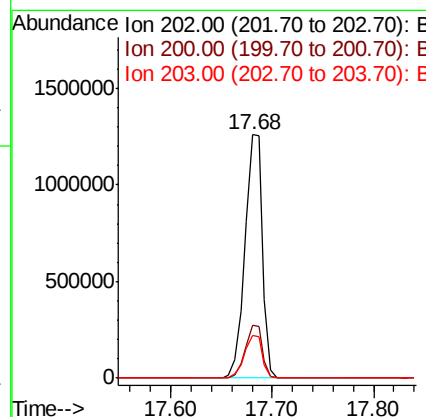
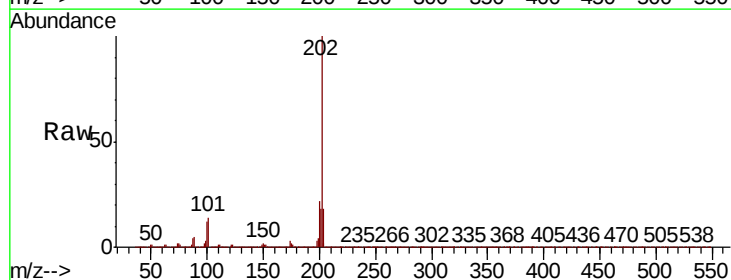
Instrument :
BNA_P
ClientSampleId :

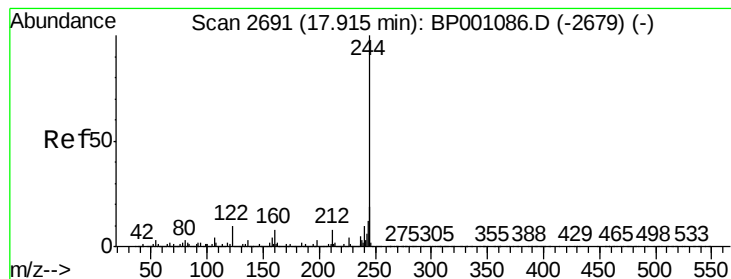
Tot Ion:184 Resp: 380514
Ion Ratio Lower Upper
184 100
185 14.0 12.2 18.4
183 11.4 9.3 13.9



#78
Pyrene
Concen: 45.499 ng
RT: 17.68 min Scan# 2651
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:202 Resp: 1496913
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 93.708 ng

RT: 17.92 min Scan# 2691

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

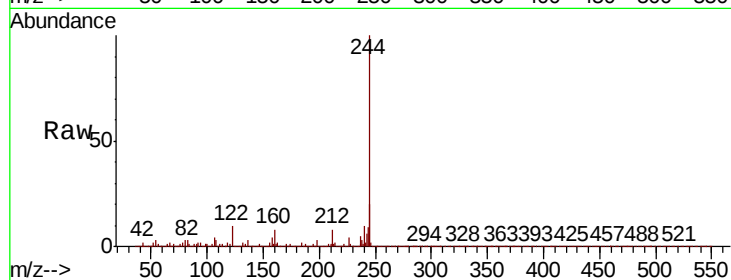
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 2115745

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	10.5	8.2	12.2

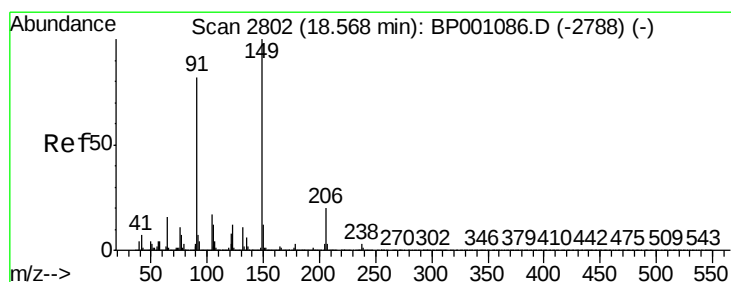
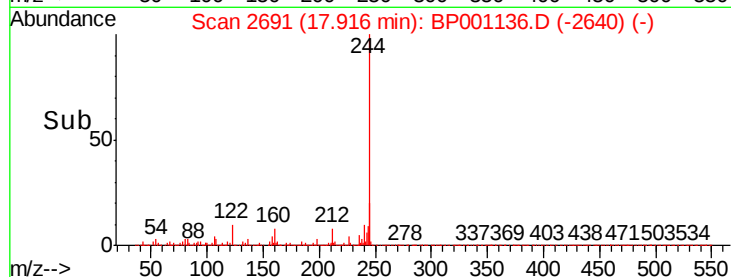
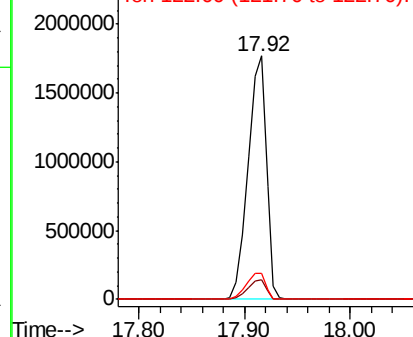


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.526 ng

RT: 18.57 min Scan# 2802

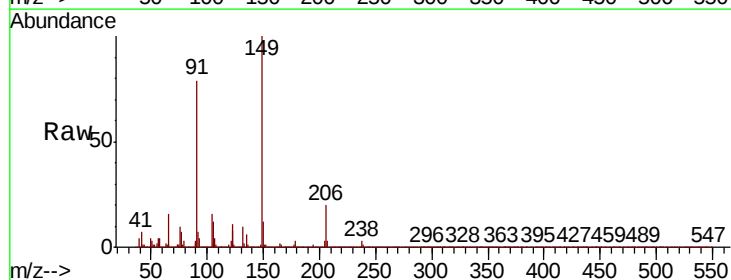
Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:149 Resp: 691806

Ion	Ratio	Lower	Upper
149	100		
91	79.1	65.4	98.2
206	20.1	16.0	24.0

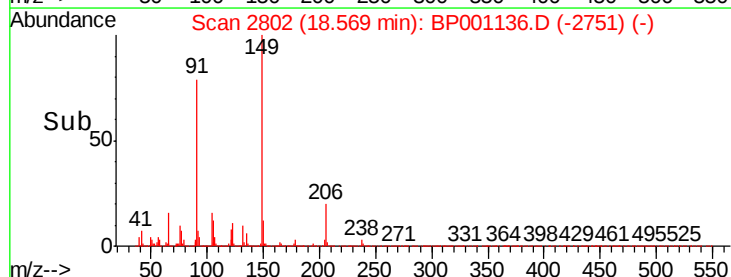
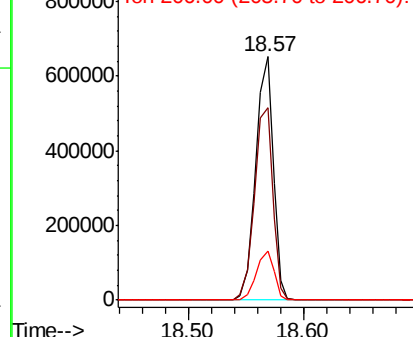


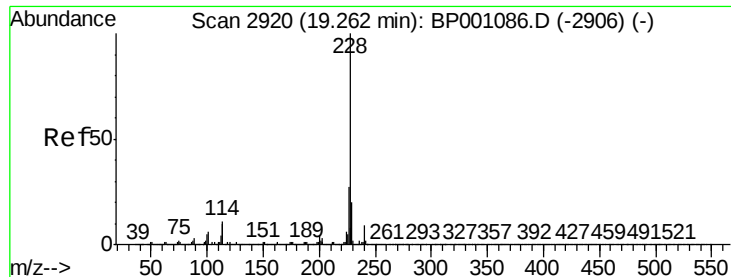
Abundance

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: 45.720 ng

RT: 19.26 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

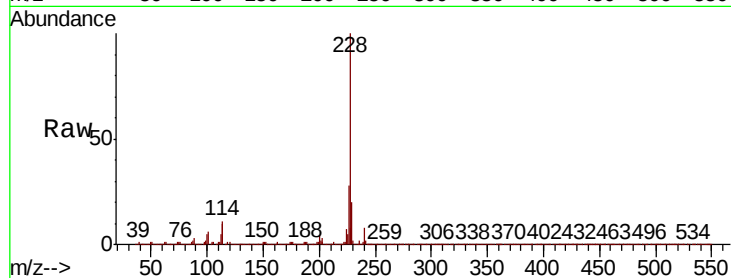
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1324129

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.1	15.8	23.6

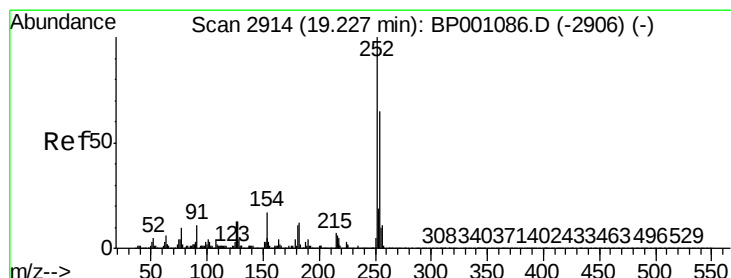
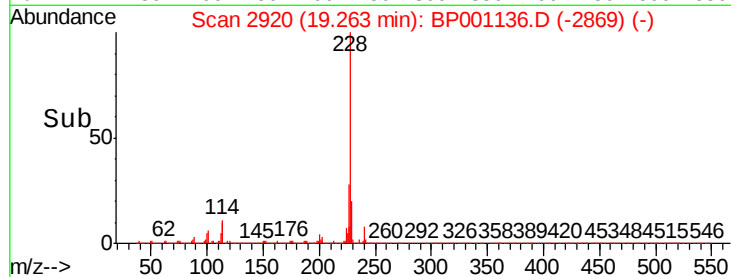
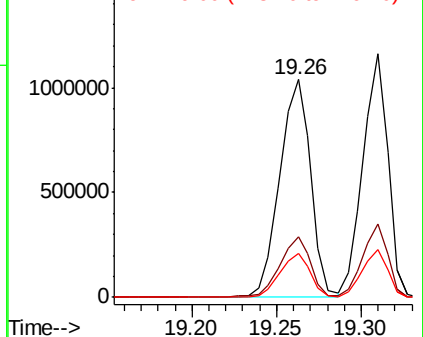


Abundance

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: 32.674 ng

RT: 19.23 min Scan# 2914

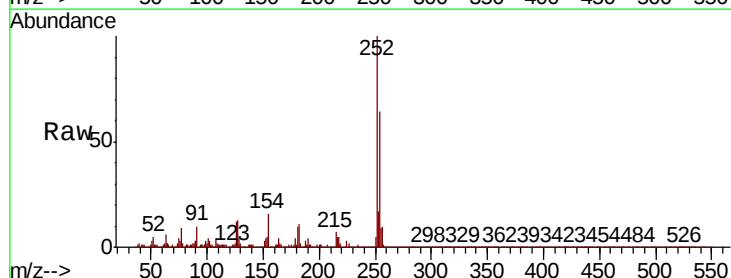
Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:252 Resp: 312613

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.7	77.5
126	11.7	10.2	15.4

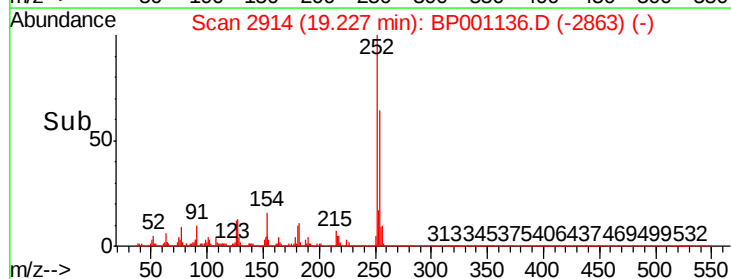
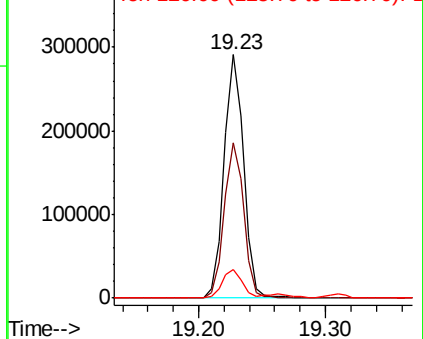


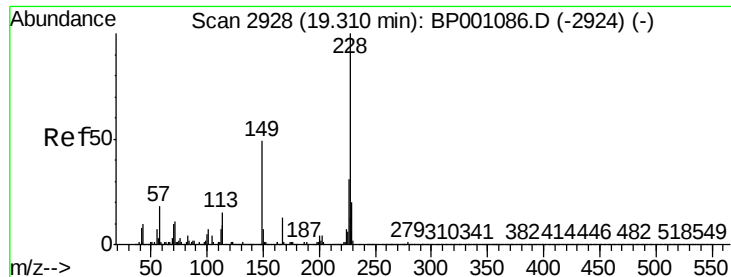
Abundance

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: 46.413 ng

RT: 19.31 min Scan# 2928

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

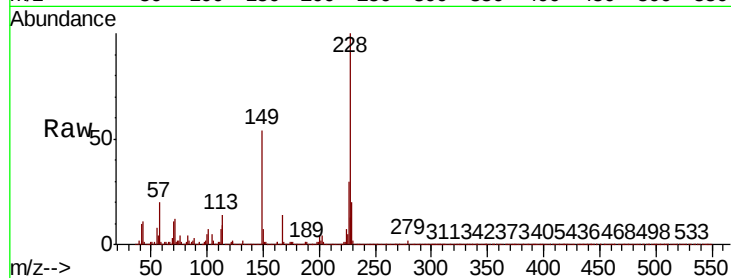
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1203682

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.7	15.7	23.5

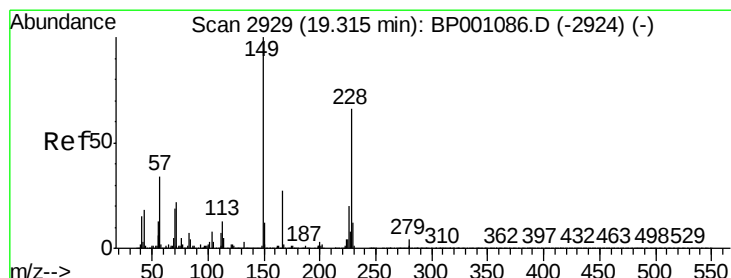
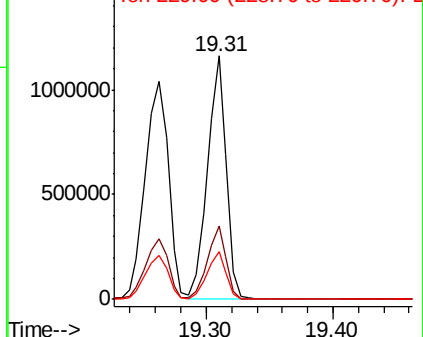
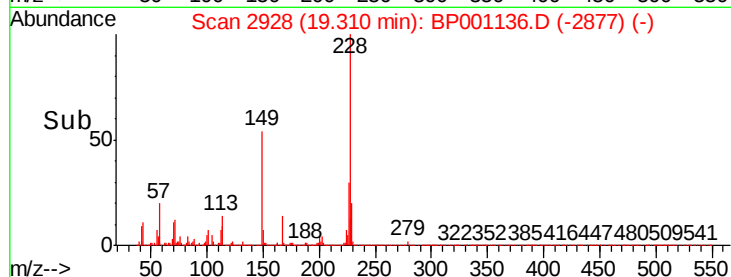


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.704 ng

RT: 19.32 min Scan# 2929

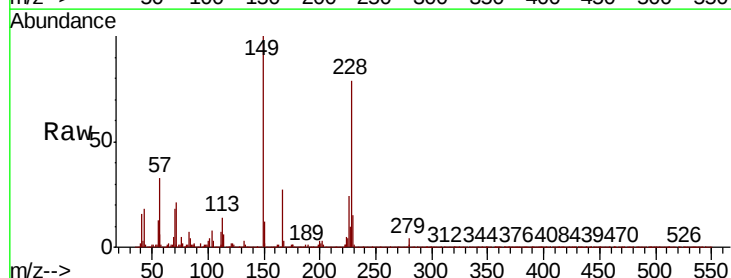
Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:149 Resp: 913094

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.5	2.8	4.2

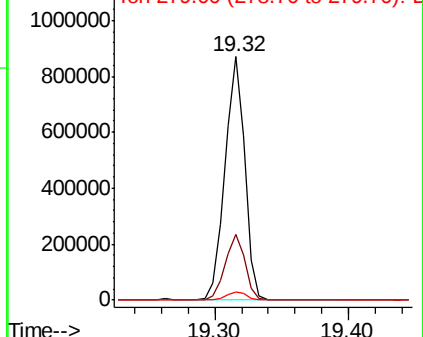
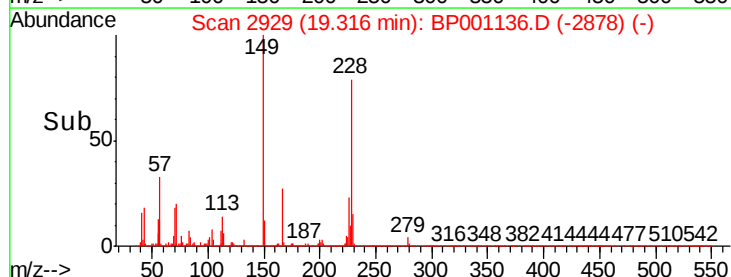


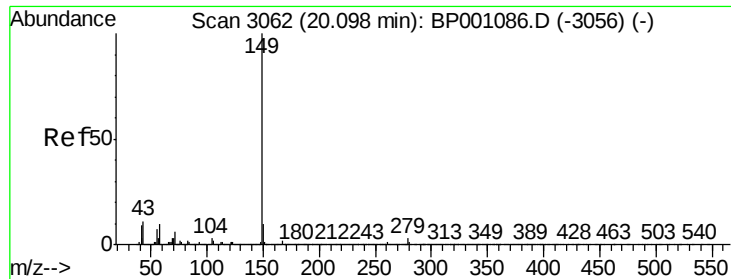
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.905 ng

RT: 20.10 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

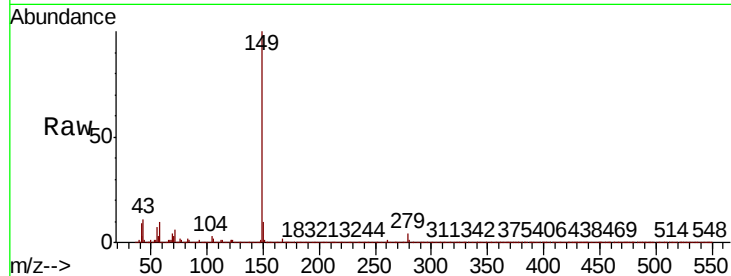
Tot Ion:149 Resp: 1666583

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

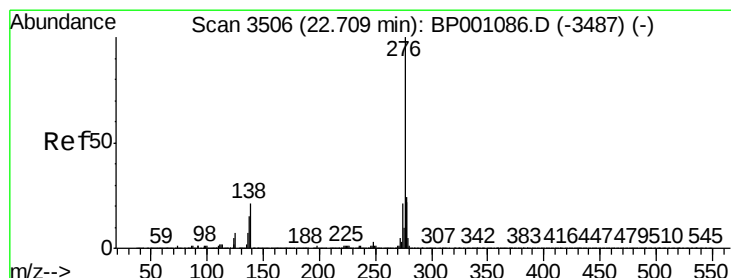
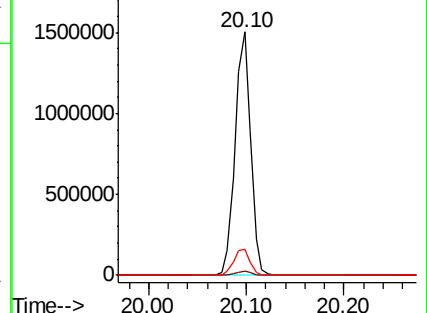
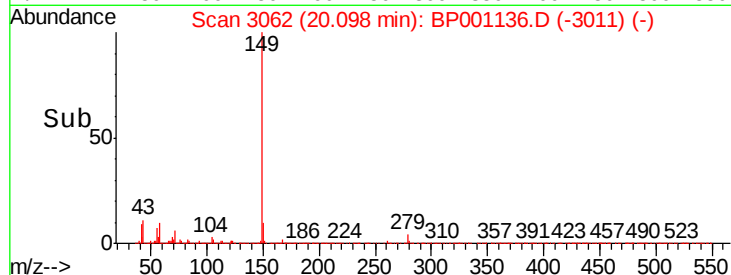
43 11.1 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.279 ng

RT: 22.72 min Scan# 3507

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

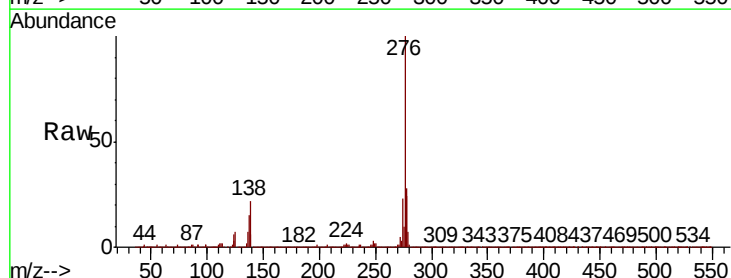
Tgt Ion:276 Resp: 1414466

Ion Ratio Lower Upper

276 100

138 25.0 20.6 30.8

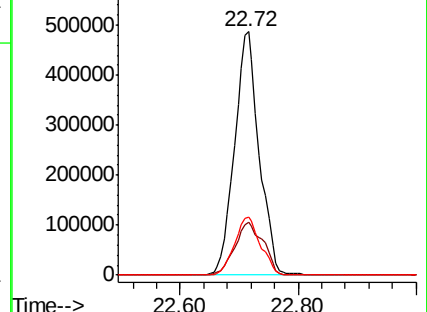
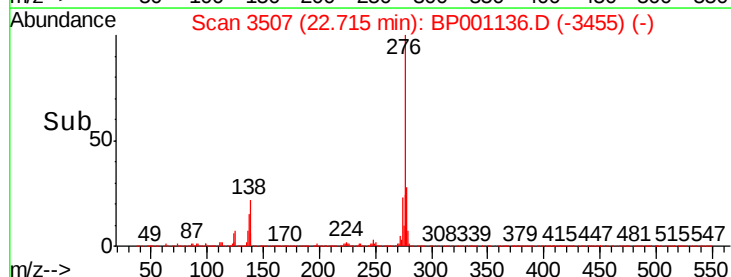
277 25.2 20.0 30.0

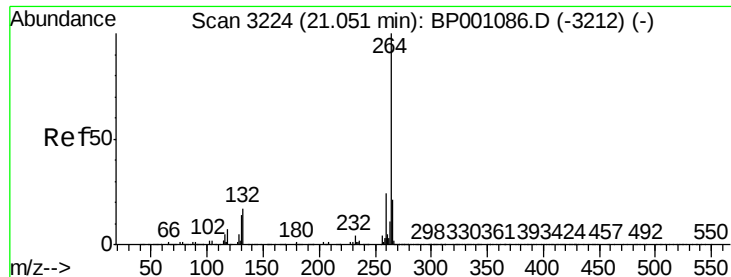


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



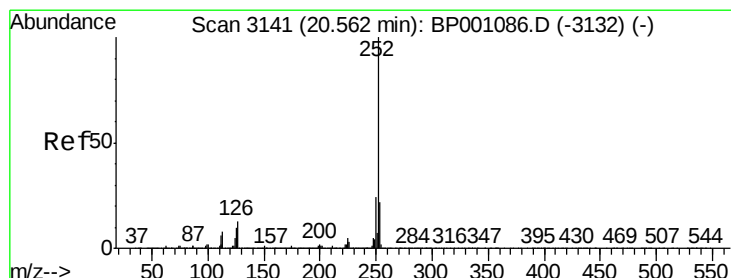
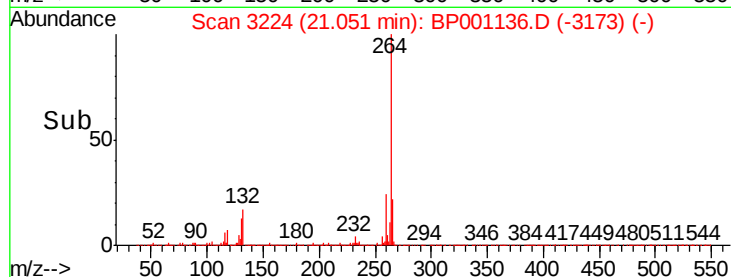
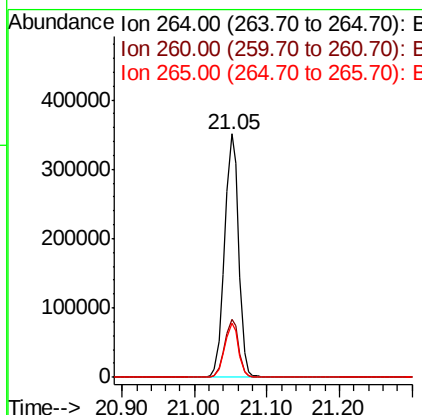
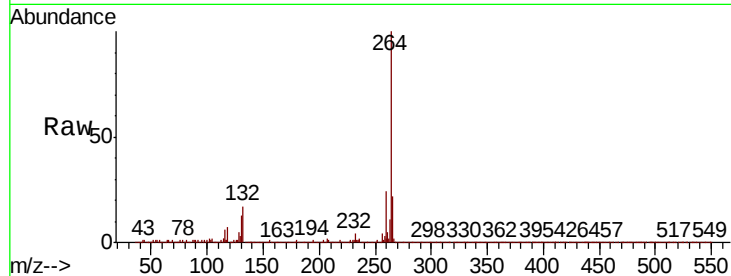


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 474686

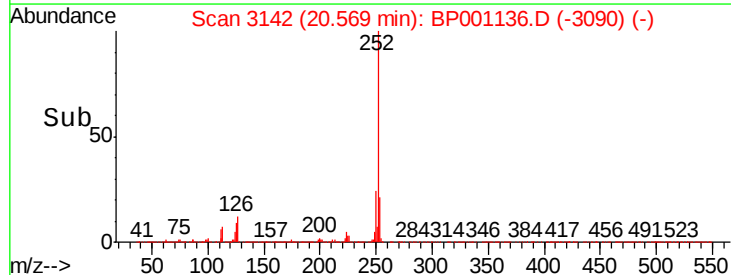
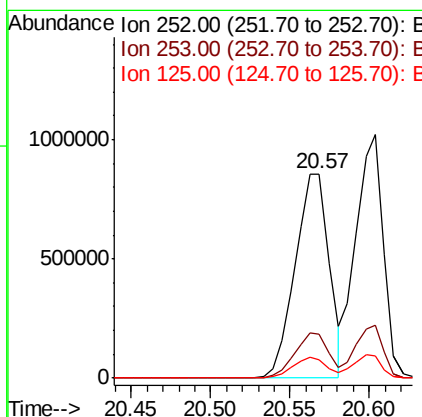
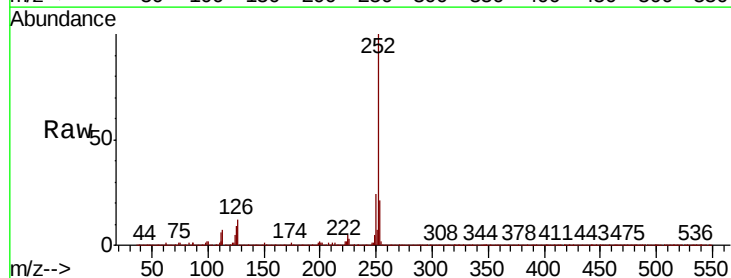
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.3	16.9	25.3

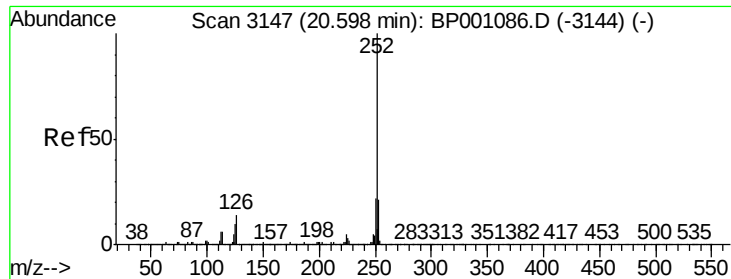


#88
Benzo(b)fluoranthene
Concen: 43.872 ng
RT: 20.57 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:252 Resp: 1272001

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.1	8.1	12.1

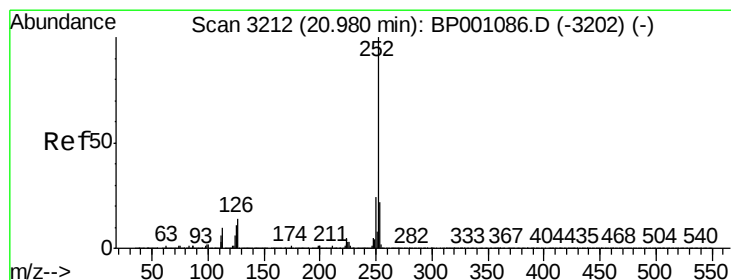
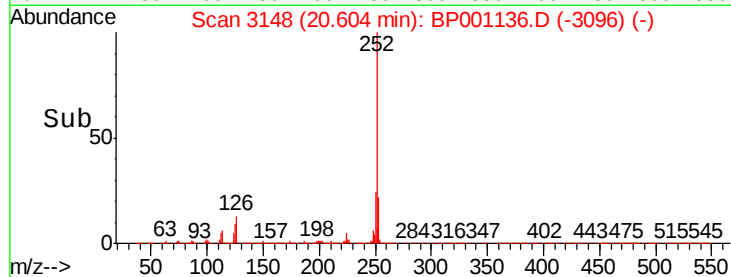
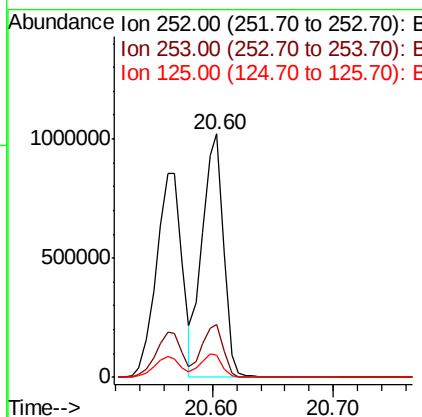
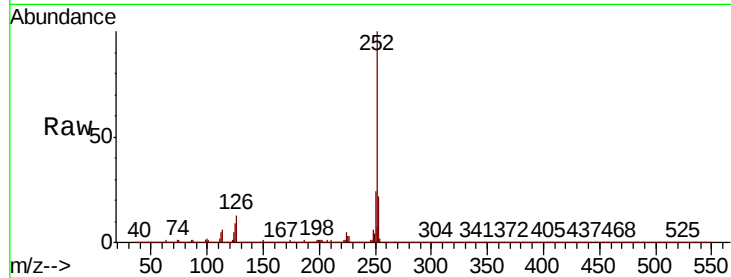




#89
Benzo(k)fluoranthene
Concen: 44.467 ng
RT: 20.60 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

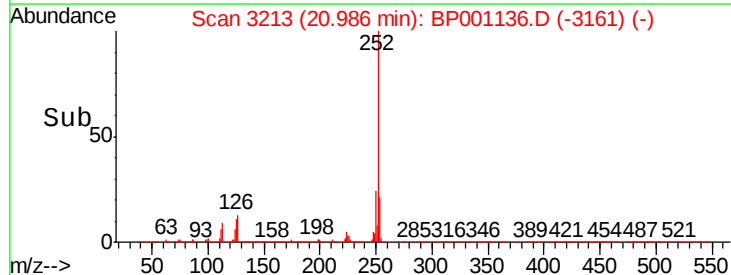
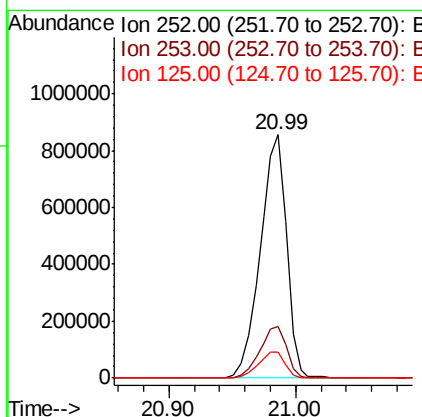
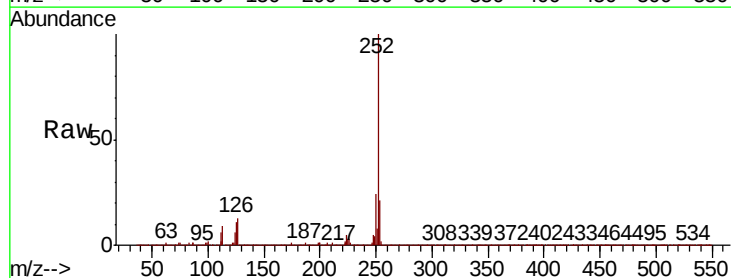
Instrument :
BNA_P
ClientSampleId :

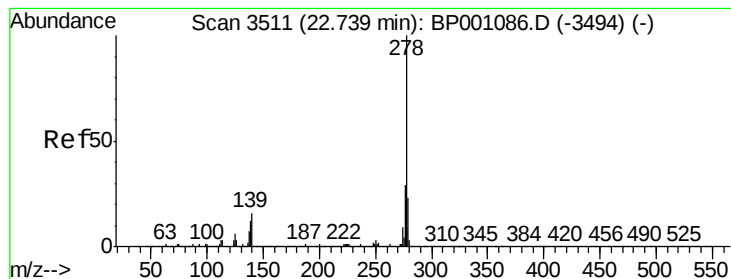
Tot Ion:252 Resp: 1241757
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.1 8.2 12.2



#90
Benzo(a)pyrene
Concen: 46.125 ng
RT: 20.99 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:252 Resp: 1231818
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 10.8 8.7 13.1



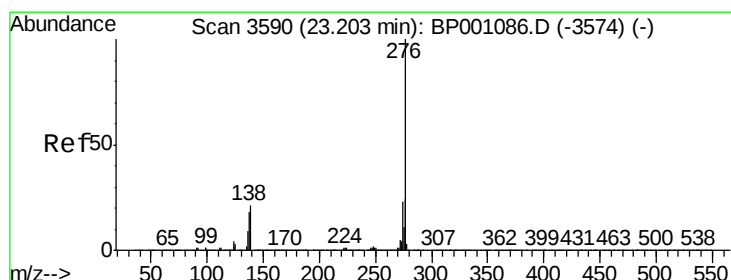
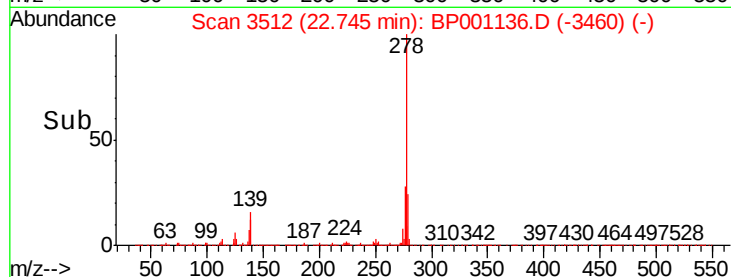
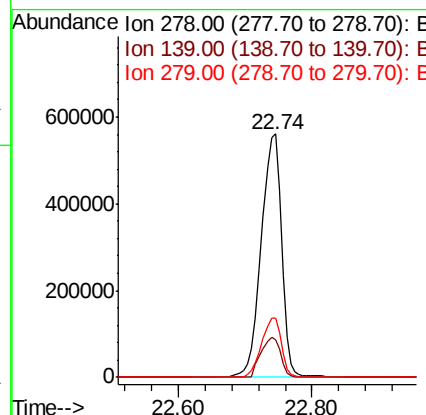
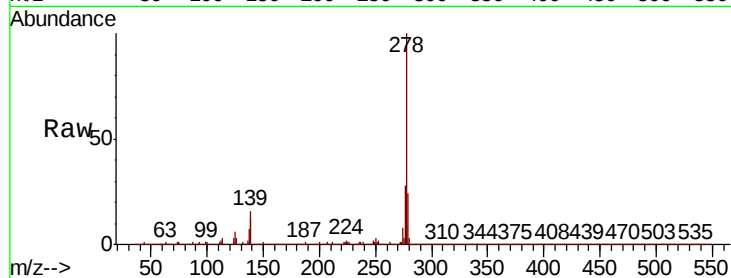


#91
Dibenzo(a,h)anthracene
Concen: 45.020 ng
RT: 22.74 min Scan# 3512
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1176593

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.0	19.4
279	24.1	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 45.740 ng
RT: 23.21 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion:276 Resp: 1180415

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	22.0	17.2	25.8

