

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001084.D
 Acq On : 27 Nov 2019 12:16
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 27 15:46:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 15:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	143557	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	553991	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	323879	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	633810	20.00	ng	0.00
76) Chrysene-d12	19.27	240	527700	20.00	ng	0.00
87) Perylene-d12	21.05	264	556204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	199520	25.30	ng	0.00
7) Phenol-d6	7.76	99	262966	26.37	ng	-0.01
23) Nitrobenzene-d5	9.20	82	271568	27.12	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	67693	17.51	ng	0.00
45) 2-Fluorobiphenyl	12.14	172	520722	24.21	ng	-0.01
79) Terphenyl-d14	17.91	244	646129	24.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	46852	13.663	ng	99
3) Pyridine	3.45	79	121340	13.383	ng	98
4) n-Nitrosodimethylamine	3.32	42	51618	16.335	ng	# 97
6) Aniline	7.80	93	173718	13.337	ng	98
8) 2-Chlorophenol	7.98	128	103155	12.334	ng	98
9) Benzaldehyde	7.62	77	92958	13.358	ng	98
10) Phenol	7.78	94	149473	13.702	ng	85
11) bis(2-Chloroethyl)ether	7.92	93	116049	13.665	ng	99
12) 1,3-Dichlorobenzene	8.23	146	124752	11.889	ng	98
13) 1,4-Dichlorobenzene	8.35	146	124769	11.805	ng	99
14) 1,2-Dichlorobenzene	8.59	146	119134	12.189	ng	98
15) Benzyl Alcohol	8.55	79	103316	13.594	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	183622	20.704	ng	98
17) 2-Methylphenol	8.74	107	92422	13.016	ng	98
18) Hexachloroethane	9.13	117	49722	12.808	ng	96
19) n-Nitroso-di-n-propylamine	8.99	70	93934	15.685	ng	99
20) 3+4-Methylphenols	8.99	107	122439	13.899	ng	99
22) Acetophenone	8.97	105	177858	12.431	ng	# 99
24) Nitrobenzene	9.23	77	134843	13.418	ng	99
25) Isophorone	9.63	82	242714	13.167	ng	99
26) 2-Nitrophenol	9.75	139	43016	11.455	ng	91
27) 2,4-Dimethylphenol	9.84	122	78577	11.174	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	157610	13.077	ng	99
29) 2,4-Dichlorophenol	10.13	162	89342	10.526	ng	98
30) 1,2,4-Trichlorobenzene	10.27	180	108978	10.451	ng	99
31) Naphthalene	10.40	128	320633	11.584	ng	100
32) Benzoic acid	9.95	122	40230	10.568	ng	98
33) 4-Chloroaniline	10.49	127	134251	11.311	ng	98
34) Hexachlorobutadiene	10.62	225	67828	9.846	ng	95
35) Caprolactam	11.02	113	30243	11.289	ng	93
36) 4-Chloro-3-methylphenol	11.29	107	104267	11.830	ng	97
37) 2-Methylnaphthalene	11.53	142	218267	11.267	ng	99
38) 1-Methylnaphthalene	11.69	142	209352	11.437	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.80	216	114440	10.612	ng	99

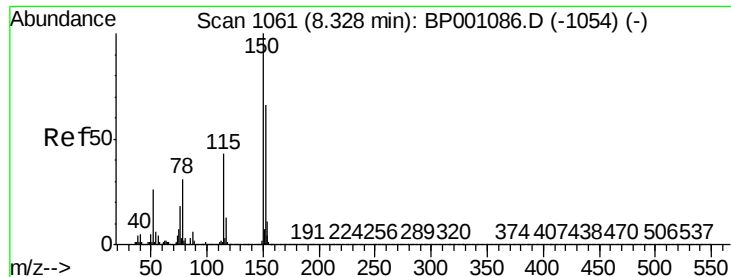
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	43092	7.976	nq	97
43) 2,4,6-Trichlorophenol	11.99	196	66836	10.279	nq	99
44) 2,4,5-Trichlorophenol	12.05	196	69125	9.943	nq	96
46) 1,1'-Biphenyl	12.30	154	283685	11.714	nq	99
47) 2-Chloronaphthalene	12.32	162	224162	11.498	nq	98
48) 2-Nitroaniline	12.48	65	78245	15.333	nq	97
49) Acenaphthylene	12.99	152	336983	11.370	nq	99
50) Dimethylphthalate	12.82	163	275577	11.507	nq	99
51) 2,6-Dinitrotoluene	12.89	165	54373	10.884	nq	92
52) Acenaphthene	13.28	154	202286	11.411	nq	100
53) 3-Nitroaniline	13.15	138	61470	11.281	nq	97
54) 2,4-Dinitrophenol	13.33	184	12282	9.973	nq	# 82
55) Dibenzofuran	13.56	168	319442	11.537	nq	99
56) 4-Nitrophenol	13.44	139	39665	10.468	nq	96
57) 2,4-Dinitrotoluene	13.55	165	68767	10.959	nq	94
58) Fluorene	14.13	166	251691	11.422	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	59802	10.117	nq	98
60) Diethylphthalate	13.98	149	277363	11.530	nq	99
61) 4-Chlorophenyl-phenylether	14.15	204	128283	11.011	nq	96
62) 4-Nitroaniline	12.48	138	66568	11.394	nq	95
63) Azobenzene	14.40	77	298362	14.171	nq	99
65) 4,6-Dinitro-2-methylphenol	14.21	198	18569	10.384	nq	96
66) n-Nitrosodiphenylamine	14.34	169	215188	11.808	nq	99
67) 4-Bromophenyl-phenylether	14.95	248	75160	10.073	nq	97
68) Hexachlorobenzene	15.03	284	84686	9.794	nq	95
69) Atrazine	15.23	200	70089	10.563	nq	98
70) Pentachlorophenol	15.33	266	35387	9.194	nq	95
71) Phenanthrene	15.66	178	384694	11.859	nq	99
72) Anthracene	15.74	178	369034	11.662	nq	100
73) Carbazole	15.98	167	344822	11.885	nq	98
74) Di-n-butylphthalate	16.54	149	443397	12.663	nq	99
75) Fluoranthene	17.37	202	413702	11.283	nq	99
77) Benzidine	17.56	184	147540	7.592	nq	99
78) Pyrene	17.67	202	431350	11.567	nq	99
80) Butylbenzylphthalate	18.56	149	181675	12.303	nq	98
81) Benzo(a)anthracene	19.26	228	389744	10.966	nq	100
82) 3,3'-Dichlorobenzidine	19.22	252	129929	10.027	nq	98
83) Chrysene	19.30	228	377439	12.097	nq	98
84) Bis(2-ethylhexyl)phthalate	19.32	149	291036	15.501	nq	100
85) Di-n-octyl phthalate	20.10	149	484028	14.320	nq	100
86) Indeno(1,2,3-cd)pyrene	22.69	276	394939	9.251	nq	100
88) Benzo(b)fluoranthene	20.56	252	380877	11.488	nq	99
89) Benzo(k)fluoranthene	20.59	252	360896	11.564	nq	99
90) Benzo(a)pyrene	20.97	252	337646	11.075	nq	99
91) Dibenzo(a,h)anthracene	22.72	278	330346	10.617	nq	99
92) Benzo(g,h,i)perylene	23.18	276	317714	10.141	nq	99

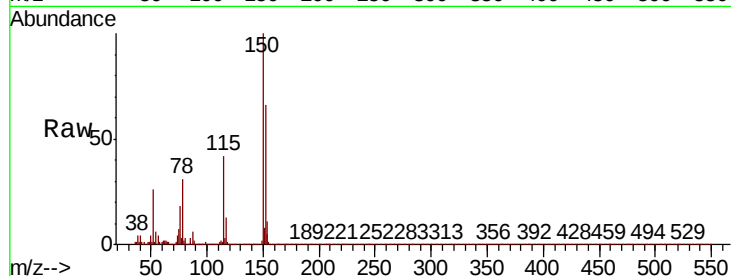
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001084.D
 Acq: 27 Nov 2019 12:16

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	120.6	181.0
115	63.9	51.6	77.4

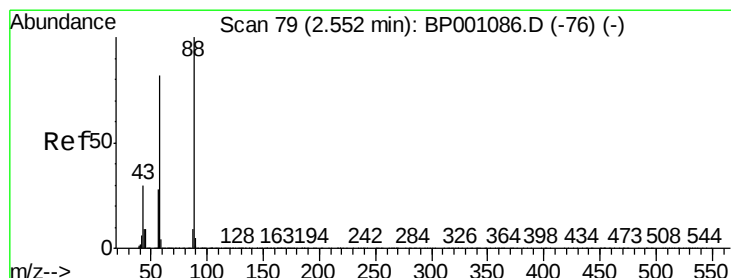
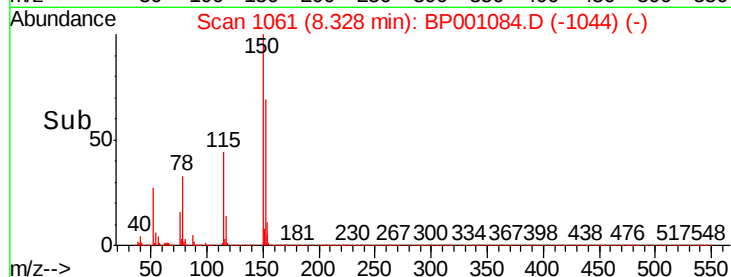
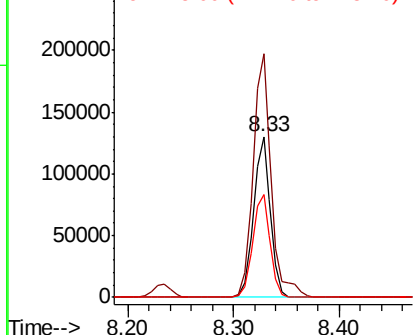


Abundance

Ion 152.00 (151.70 to 152.70): E

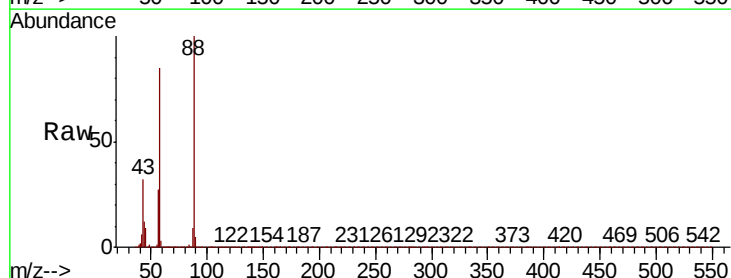
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 13.663 ng
 RT: 2.56 min Scan# 80
 Delta R.T. 0.01 min
 Lab File: BP001084.D
 Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	64.3	96.5
43	31.1	23.8	35.6

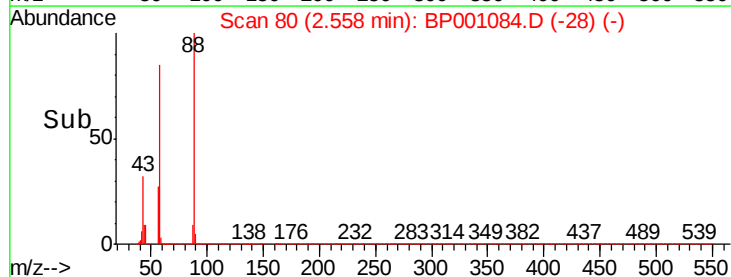
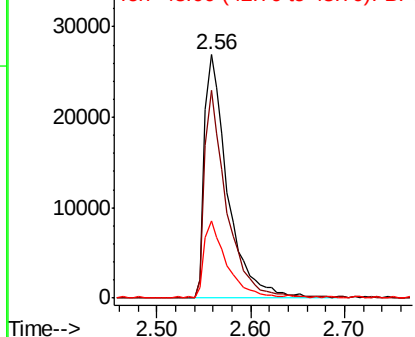


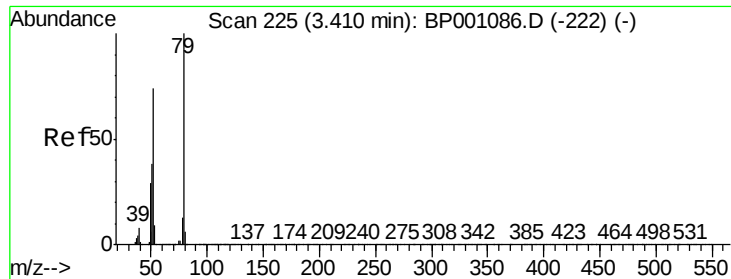
Abundance

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: 13.383 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.04 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

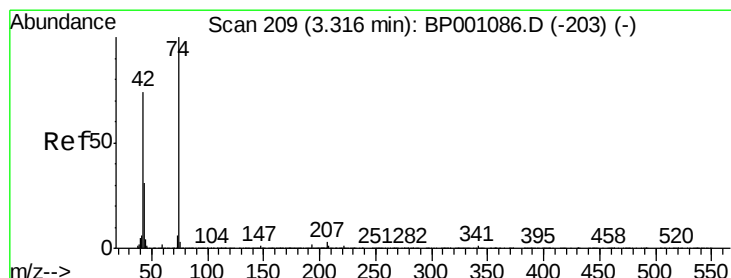
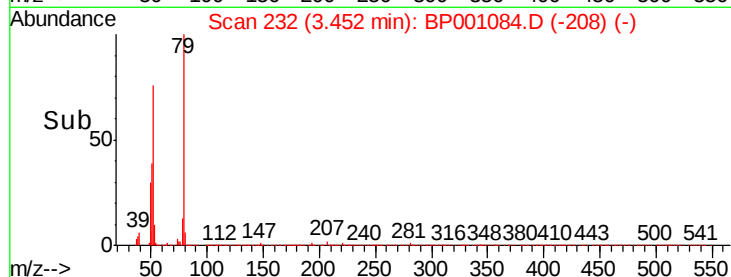
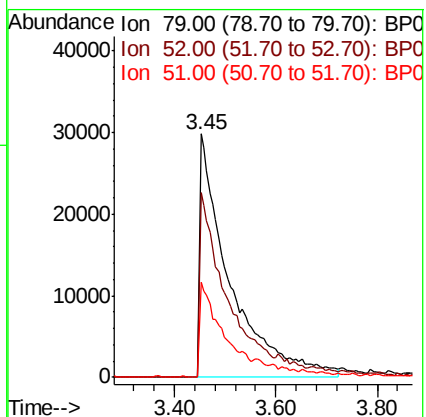
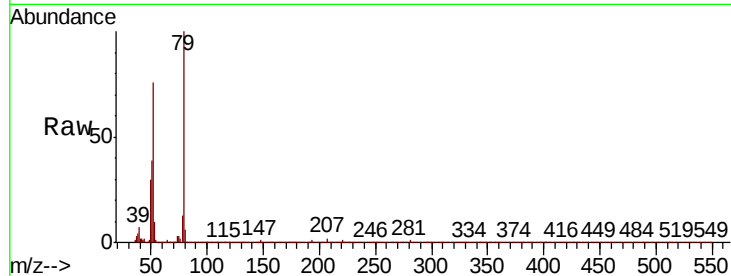
Tot Ion: 79 Resp: 121340

Ion Ratio Lower Upper

79 100

52 75.8 59.4 89.2

51 39.1 30.2 45.4



#4

n-Nitrosodimethylamine

Concen: 16.335 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.00 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

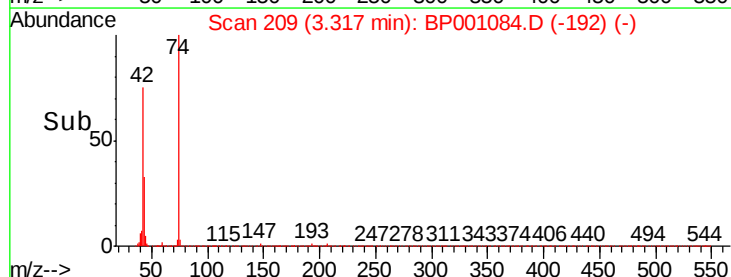
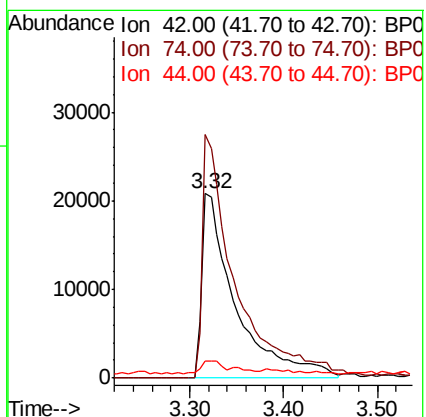
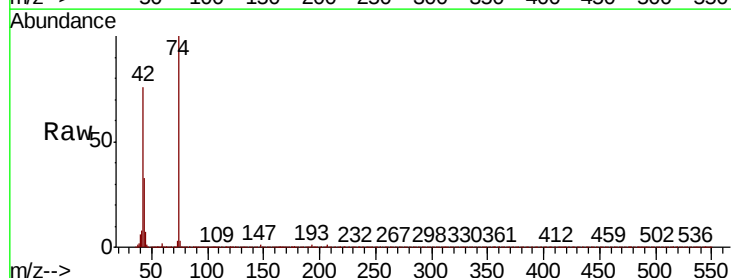
Tgt Ion: 42 Resp: 51618

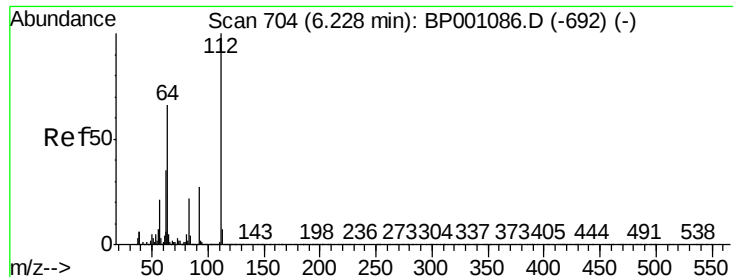
Ion Ratio Lower Upper

42 100

74 132.2 108.6 163.0

44 9.6 5.1 7.7#





#5

2-Fluorophenol

Concen: 25.297 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

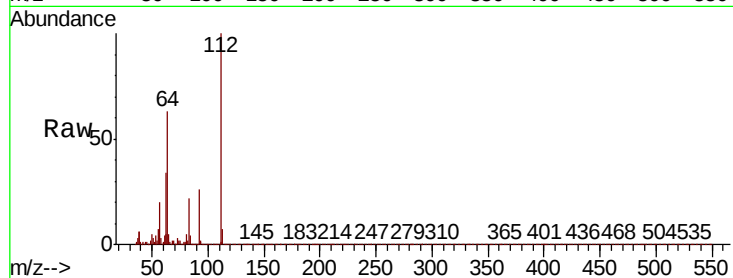
Tot Ion: 112 Resp: 199520

Ion Ratio Lower Upper

112 100

64 63.2 52.8 79.2

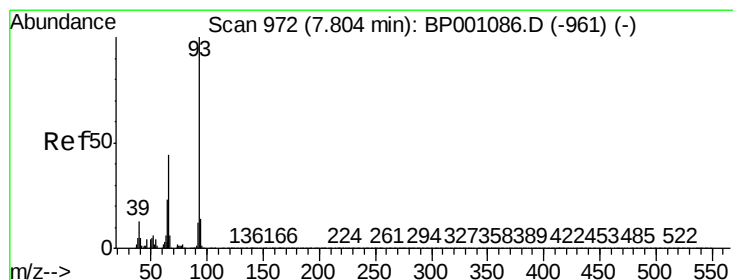
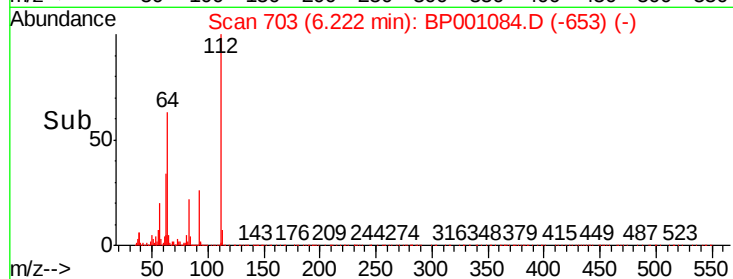
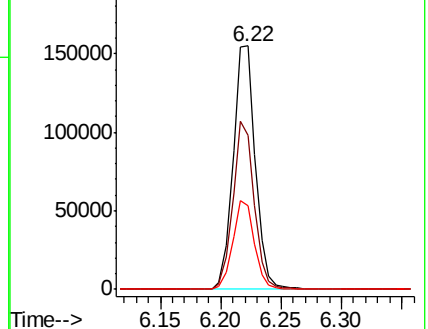
63 34.3 28.2 42.2



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: 13.337 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

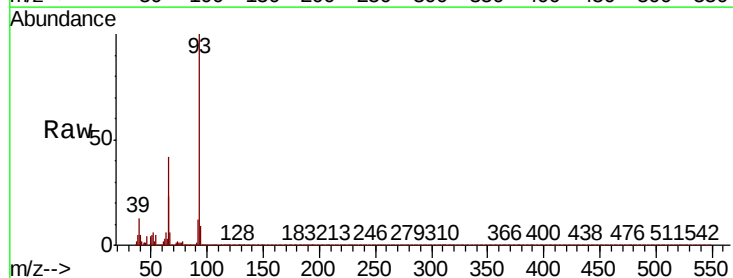
Tgt Ion: 93 Resp: 173718

Ion Ratio Lower Upper

93 100

66 42.3 34.9 52.3

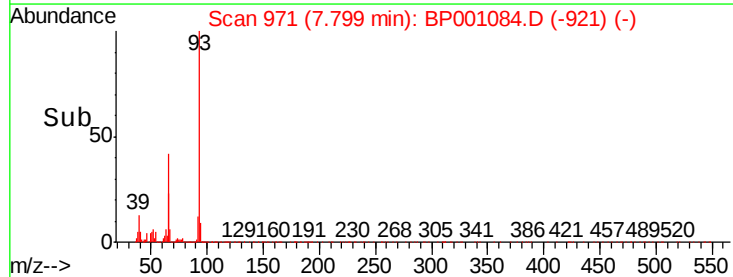
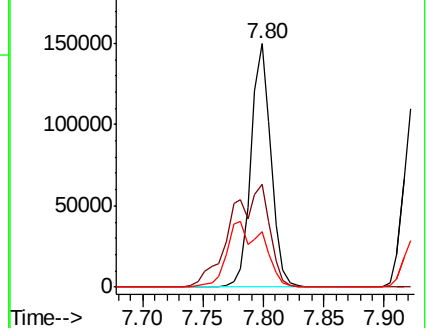
65 22.6 18.5 27.7

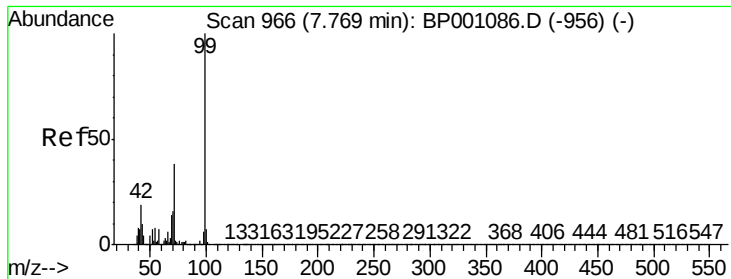


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 26.366 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

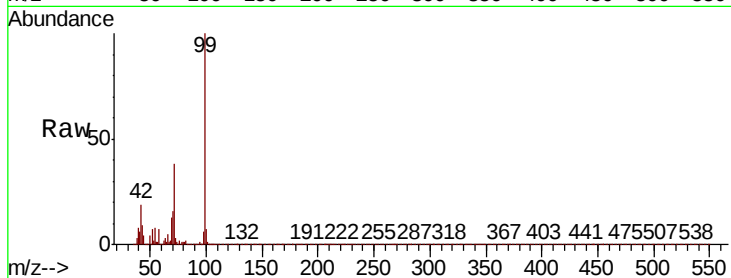
Tot Ion: 99 Resp: 262966

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

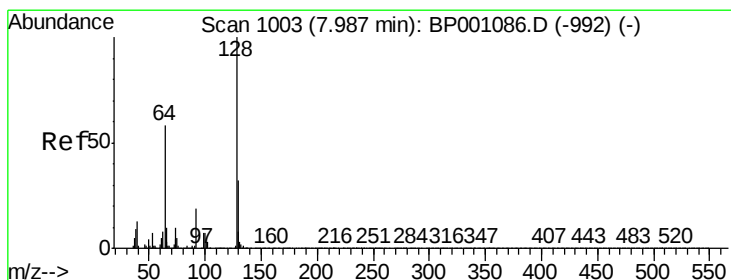
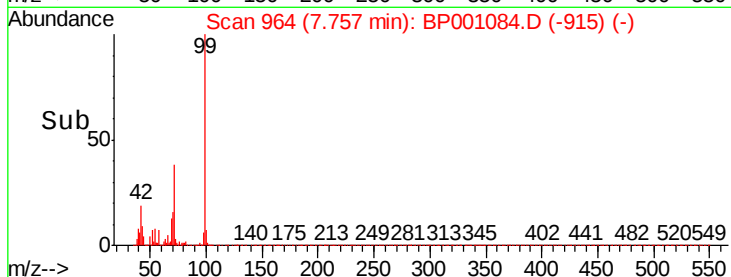
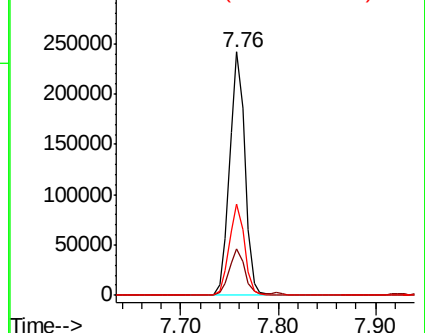
71 37.6 30.8 46.2



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: 12.334 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

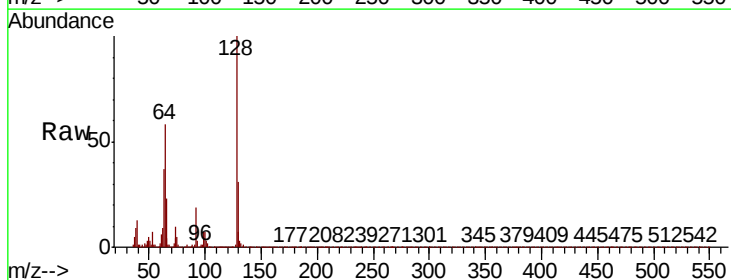
Tgt Ion: 128 Resp: 103155

Ion Ratio Lower Upper

128 100

130 30.7 11.7 51.7

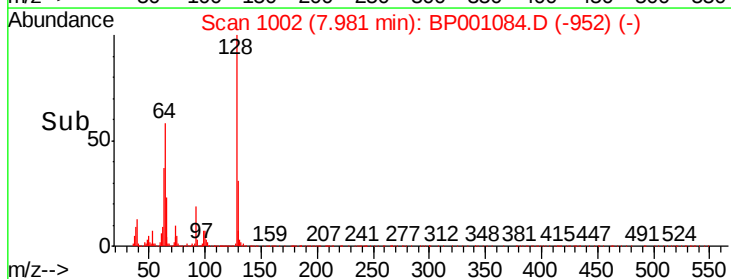
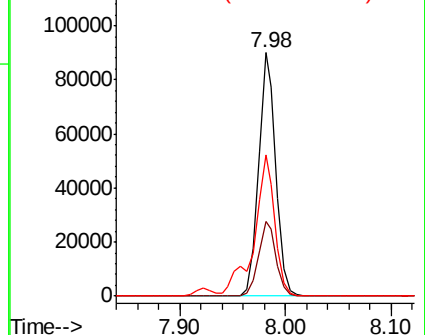
64 57.8 39.7 79.7

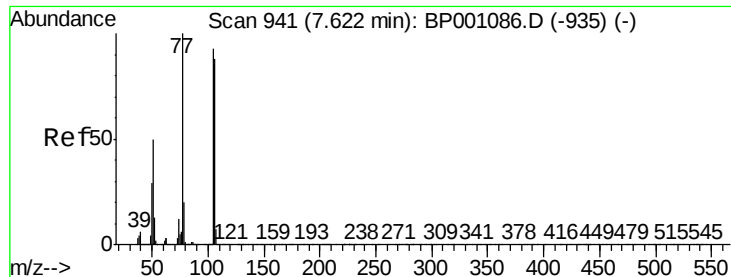


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 13.358 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

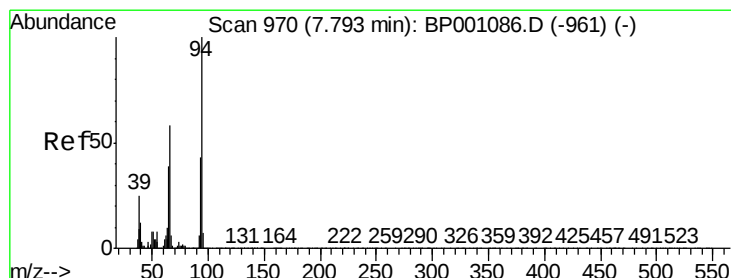
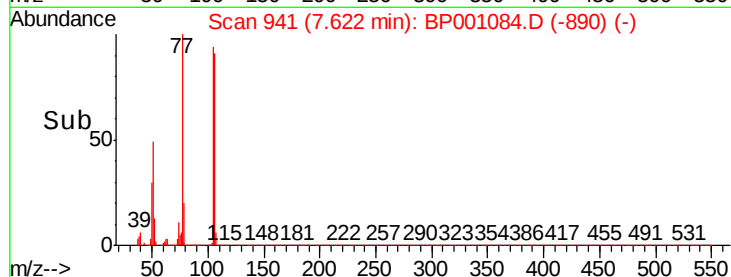
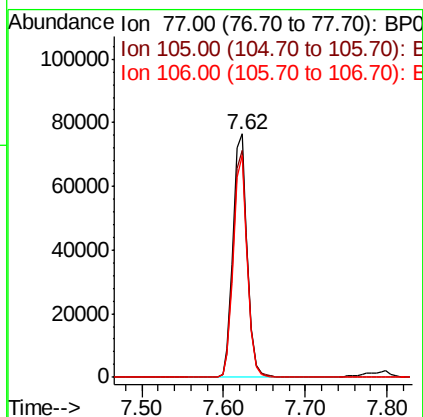
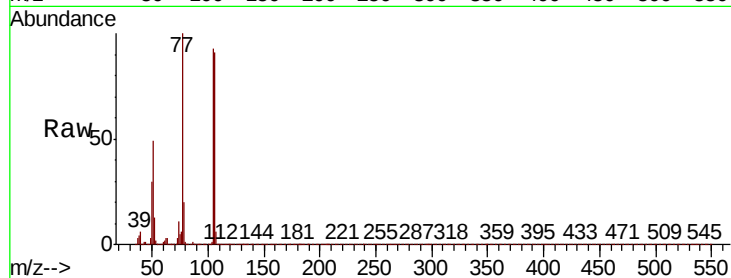
Tot Ion: 77 Resp: 92958

Ion Ratio Lower Upper

77 100

105 93.5 72.5 112.5

106 91.0 67.6 107.6



#10

Phenol

Concen: 13.702 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

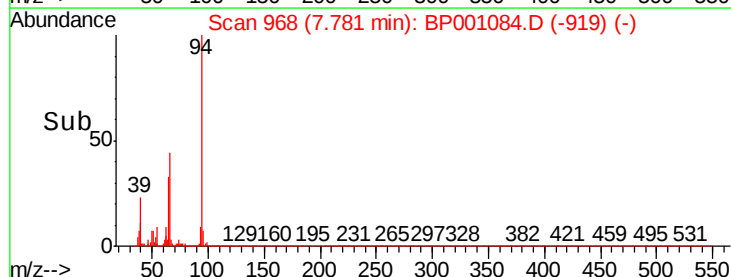
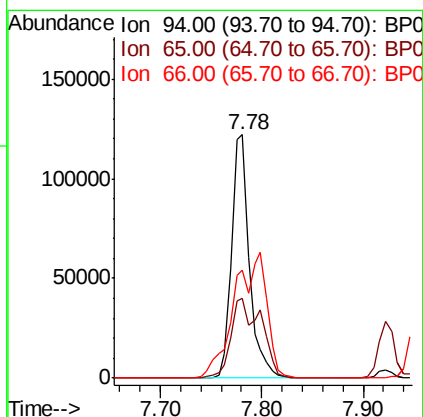
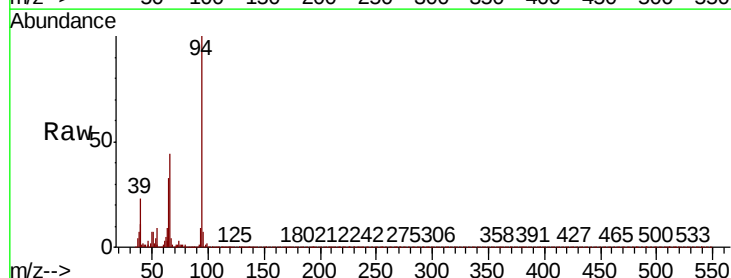
Tgt Ion: 94 Resp: 149473

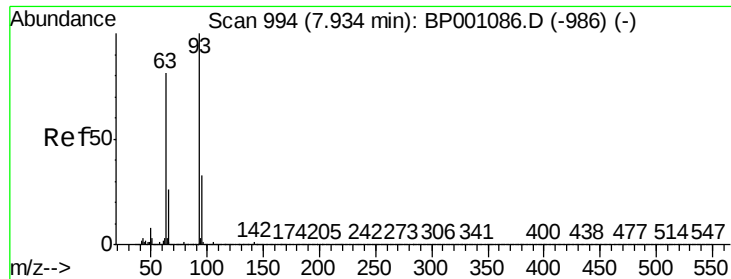
Ion Ratio Lower Upper

94 100

65 33.0 18.6 58.6

66 44.1 37.6 77.6

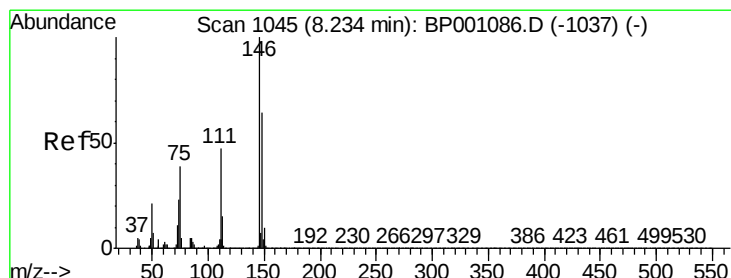
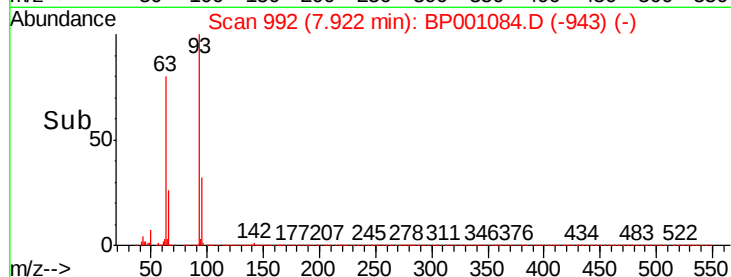
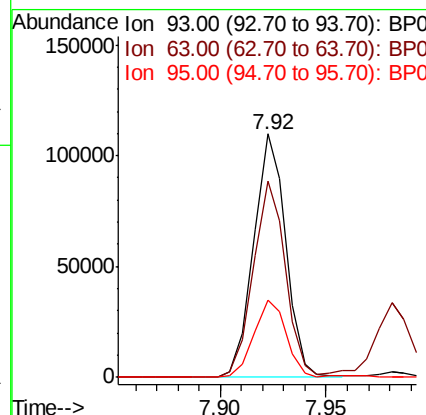
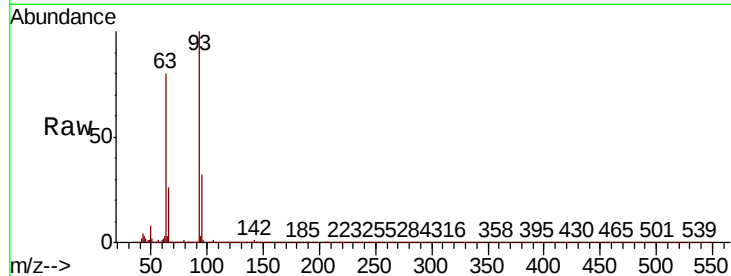




#11
bis(2-Chloroethyl)ether
Concen: 13.665 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

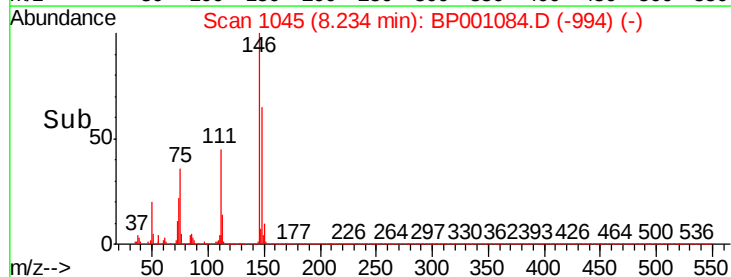
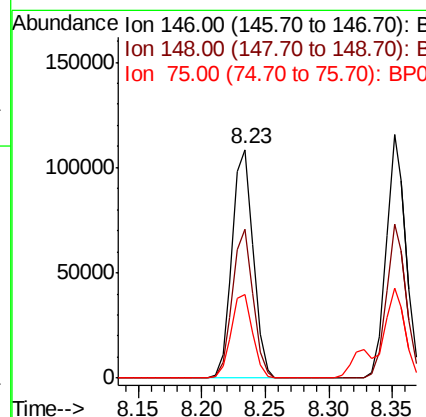
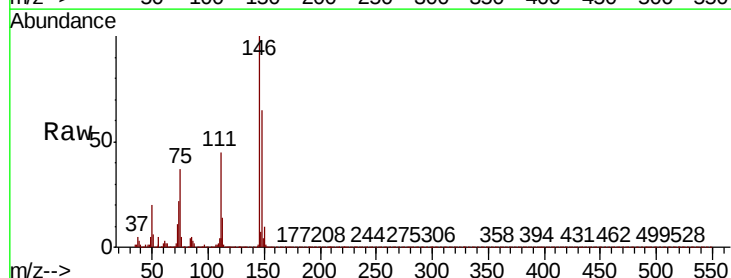
Instrument :
BNA_P
ClientSampled :

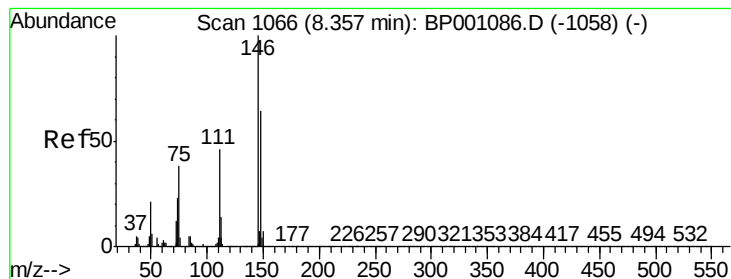
Tot Ion: 93 Resp: 116049
Ion Ratio Lower Upper
93 100
63 80.4 60.7 100.7
95 31.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 11.889 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion: 146 Resp: 124752
Ion Ratio Lower Upper
146 100
148 64.9 51.1 76.7
75 36.5 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 11.805 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

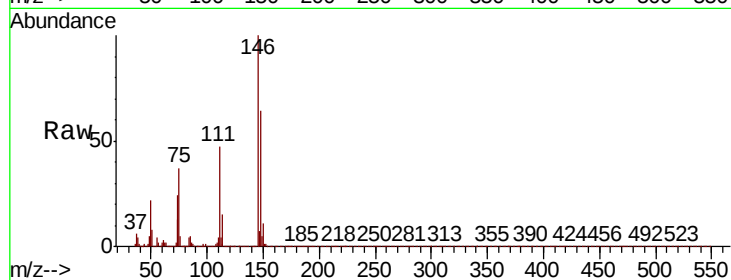
Tot Ion:146 Resp: 124769

Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

111 46.6 37.0 55.6

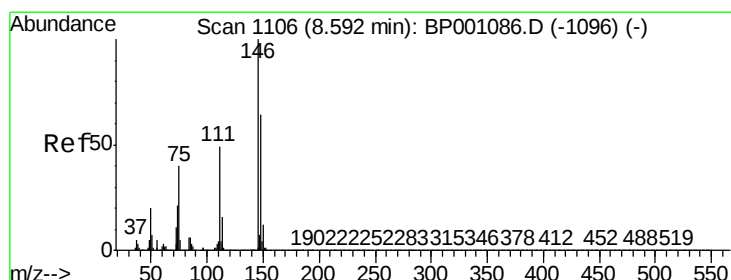
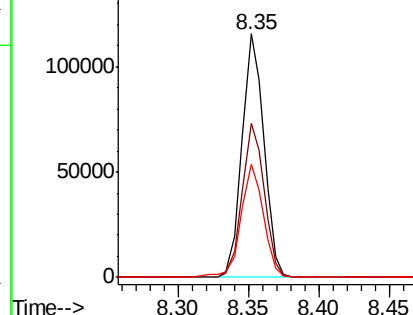
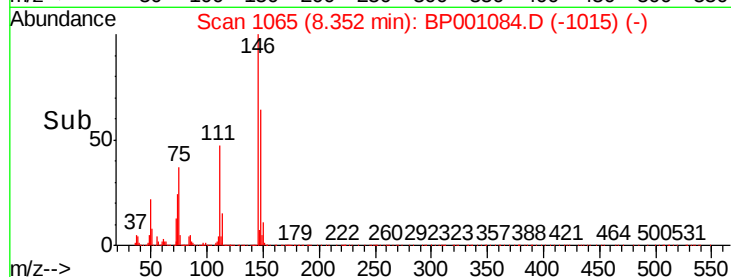


Abundance

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: 12.189 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

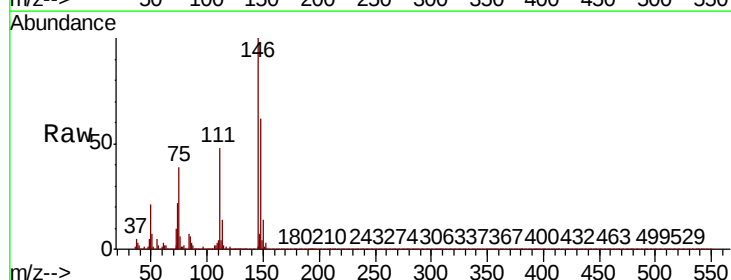
Tgt Ion:146 Resp: 119134

Ion Ratio Lower Upper

146 100

148 62.2 51.5 77.3

111 48.4 39.3 58.9

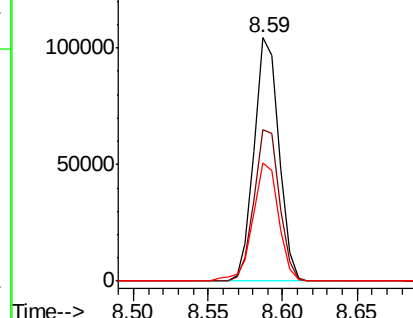
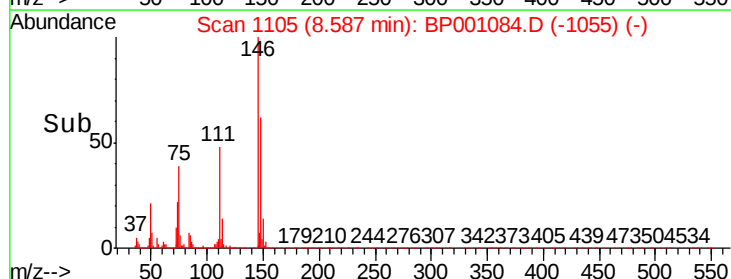


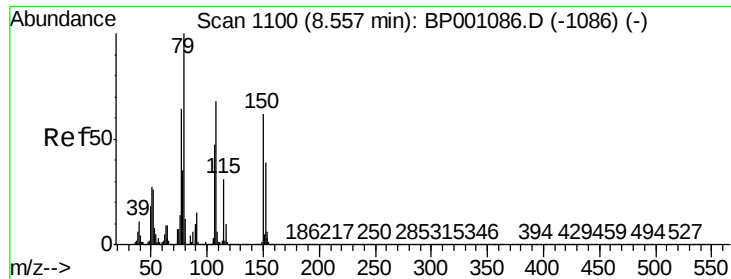
Abundance

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

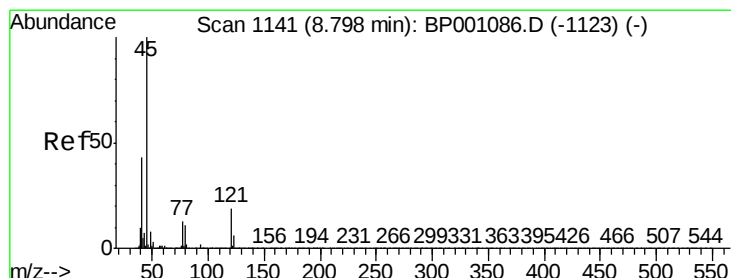
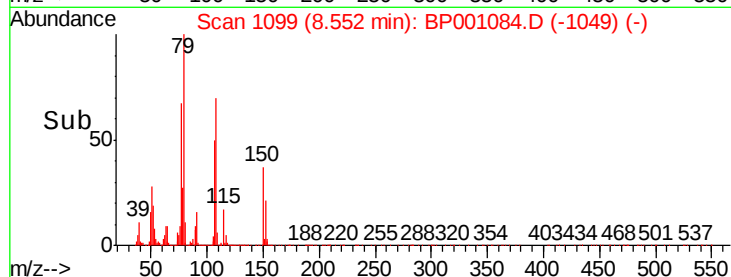
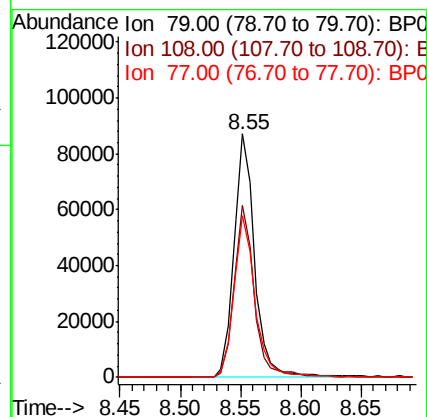
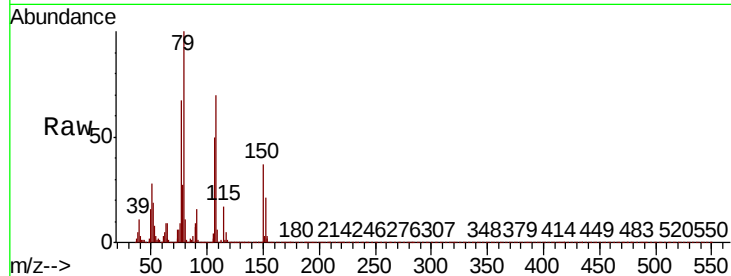




#15
Benzyl Alcohol
Concen: 13.594 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

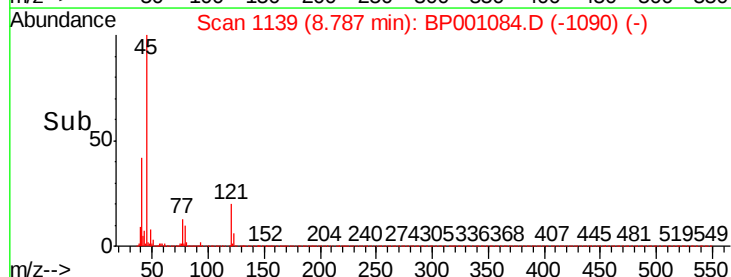
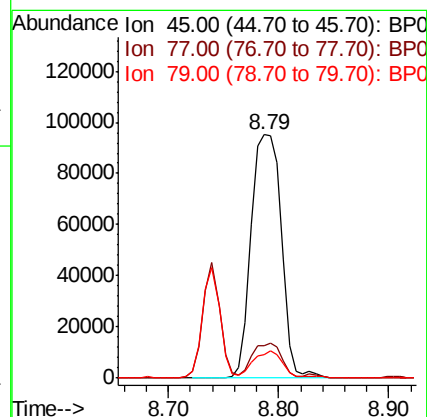
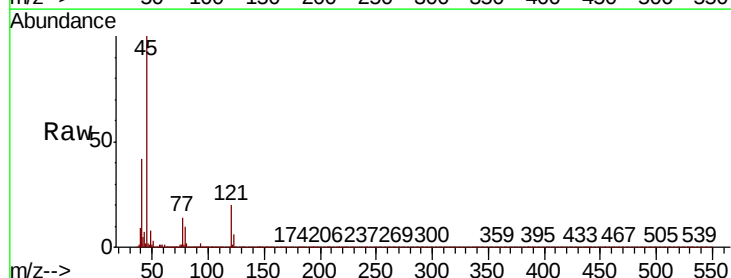
Instrument :
BNA_P
ClientSampled :

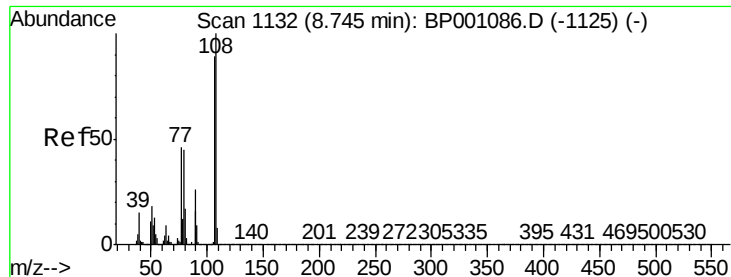
Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	54.8	82.2
77	66.6	51.4	77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.704 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.3
79	9.7	0.0	30.9

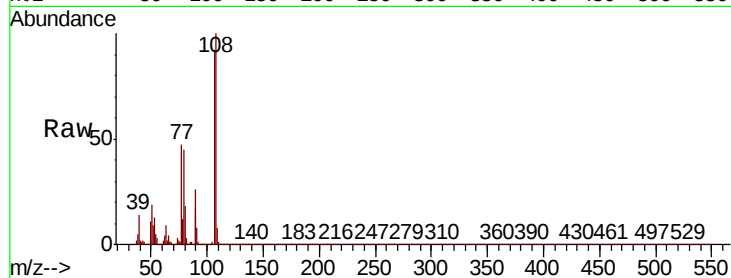




#17
2-Methylphenol
Concen: 13.016 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	89.8	134.6
77	50.9	41.4	62.2
79	48.9	40.6	61.0



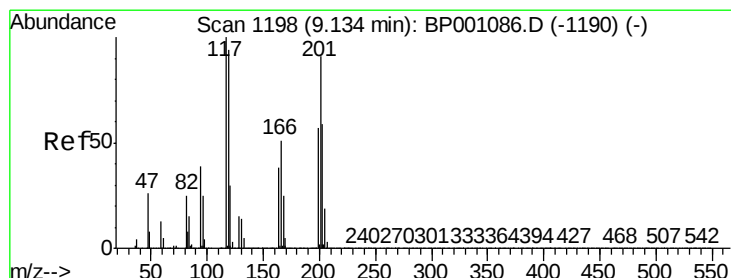
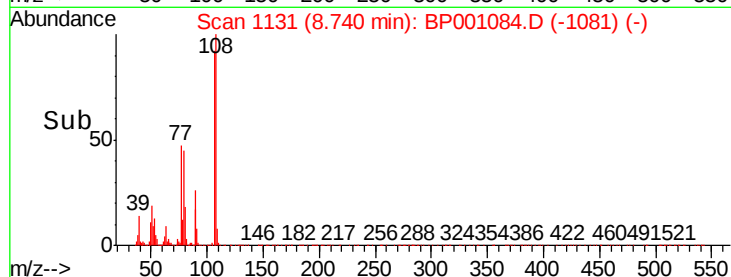
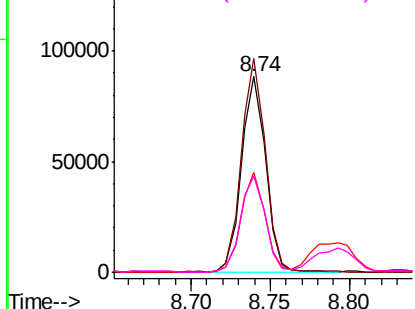
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

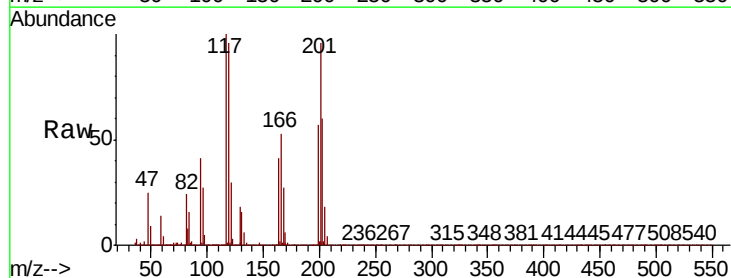
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 12.808 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.2	112.8
201	96.1	72.5	108.7

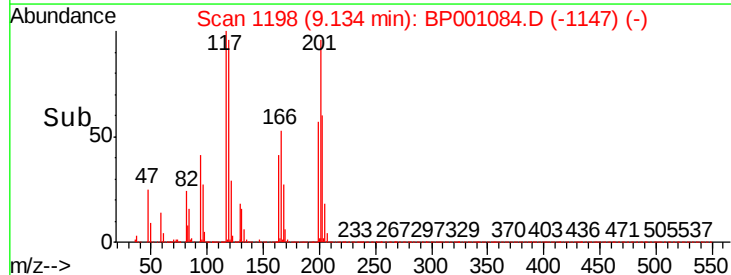
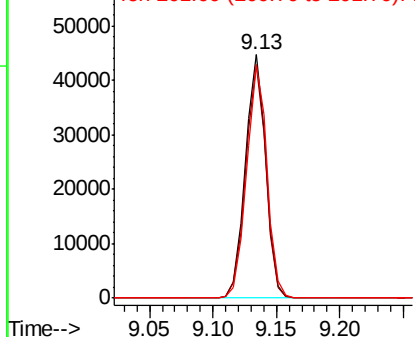


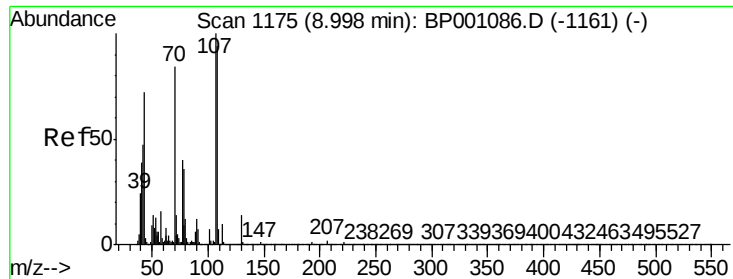
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

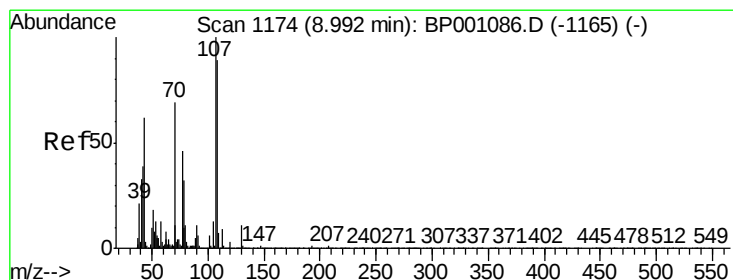
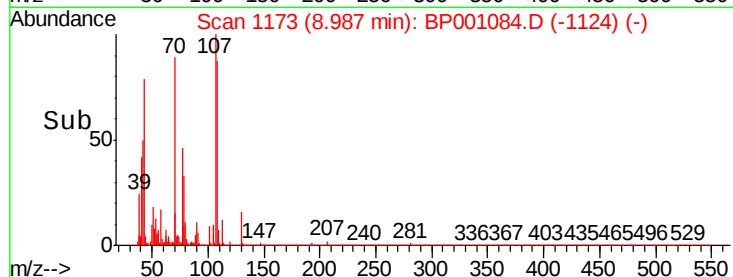
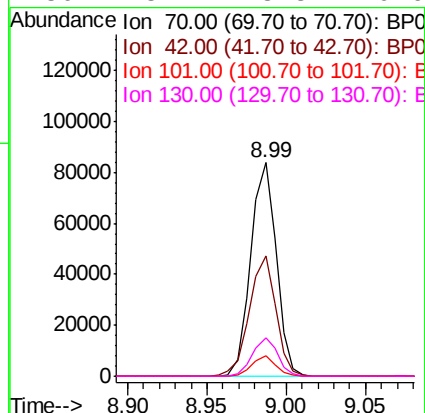
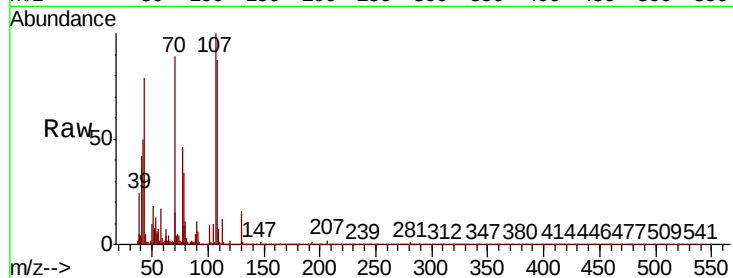




#19
n-Nitroso-di-n-propylamine
Concen: 15.685 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

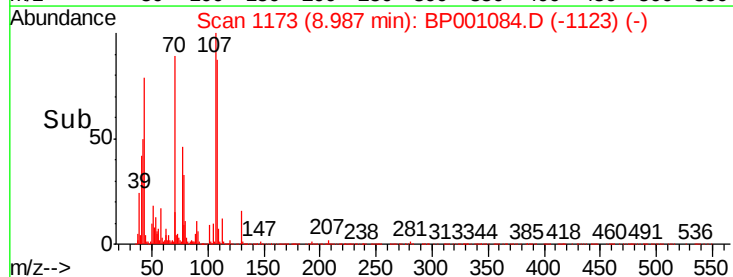
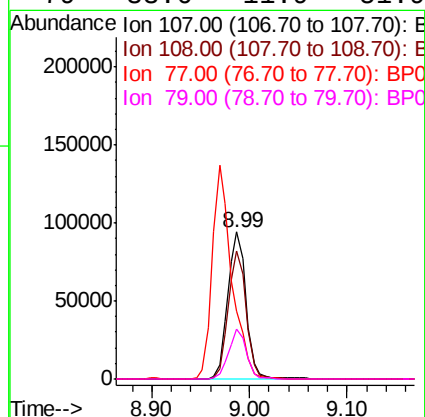
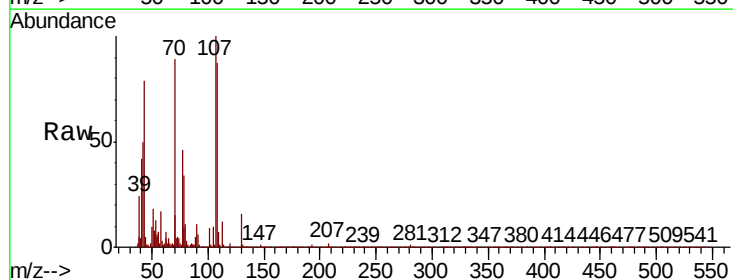
Instrument :
BNA_P
ClientSampleId :

Tot Ion: 70 Resp: 93934
Ion Ratio Lower Upper
70 100
42 56.4 44.6 66.8
101 9.8 7.1 10.7
130 18.1 13.8 20.6



#20
3+4-Methylphenols
Concen: 13.899 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion: 107 Resp: 122439
Ion Ratio Lower Upper
107 100
108 87.4 68.9 108.9
77 46.0 25.9 65.9
79 33.6 11.9 51.9

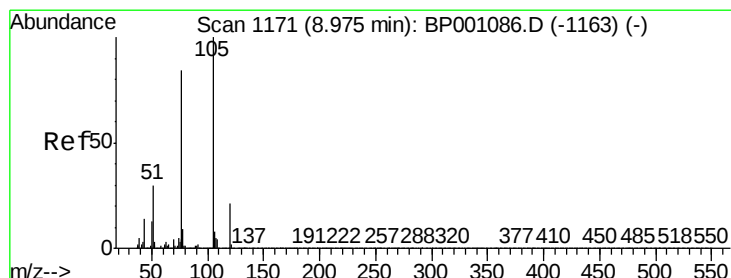
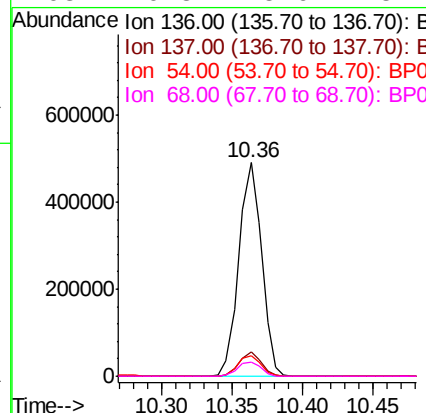
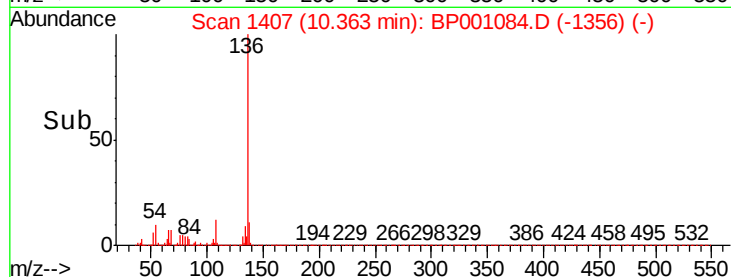
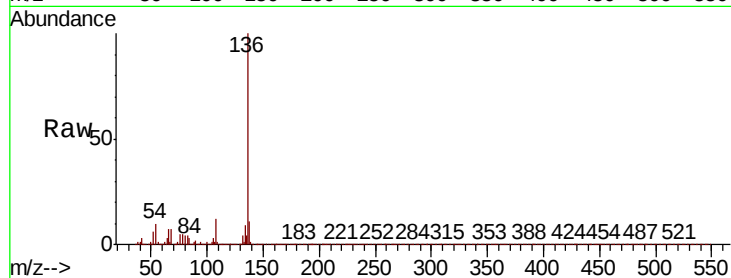




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

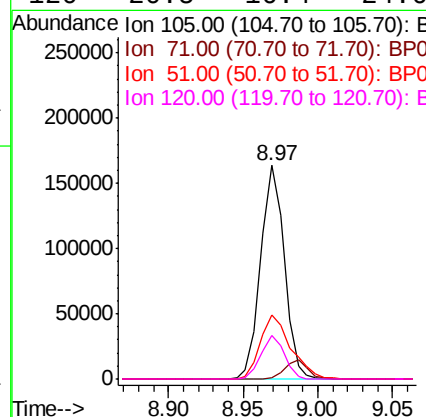
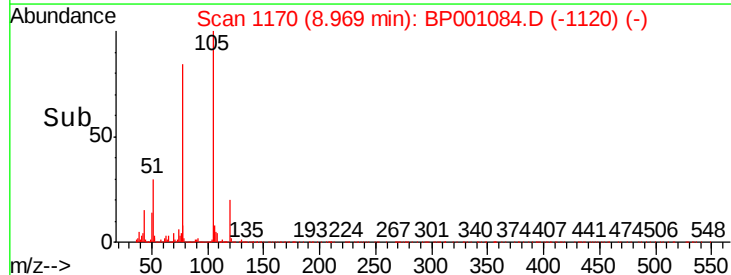
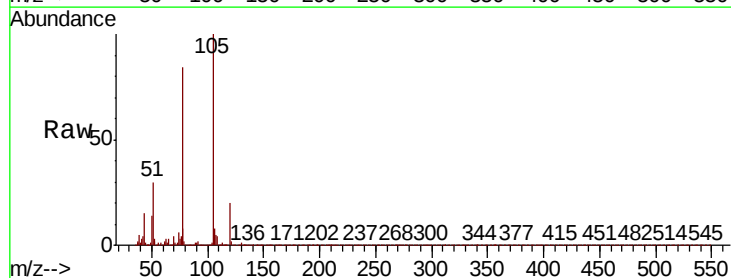
Instrument :
BNA_P
ClientSampleId :

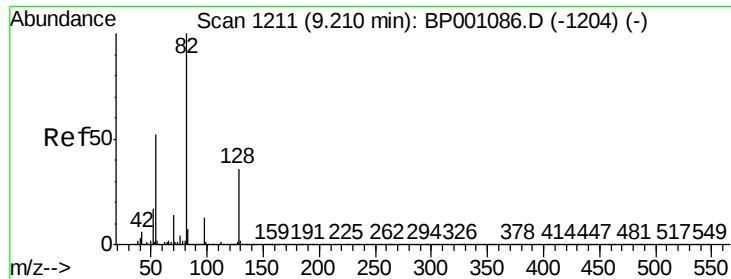
Tot Ion:136	Resp:	553991	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 9.6	7.9	11.9	
68 6.8	5.6	8.4	



#22
Acetophenone
Concen: 12.431 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt	Ion:105	Resp:	177858
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.5	0.7#
51	29.8	24.2	36.4
120	20.5	16.4	24.6

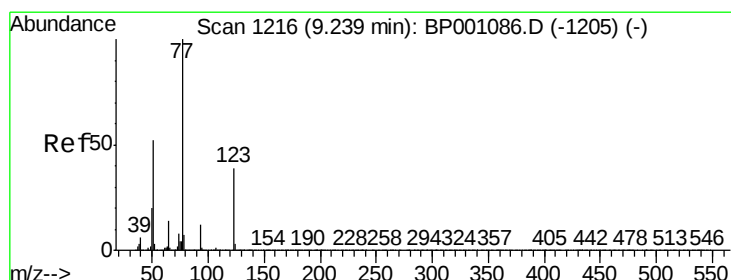
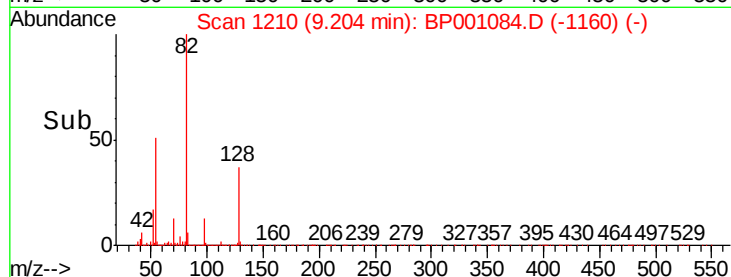
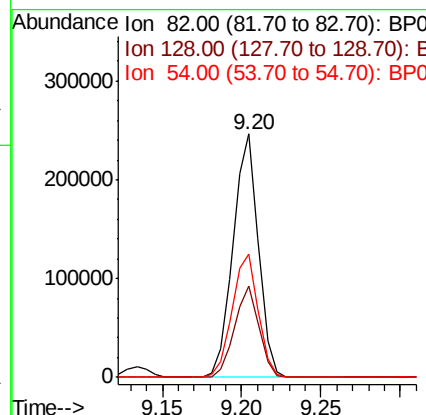
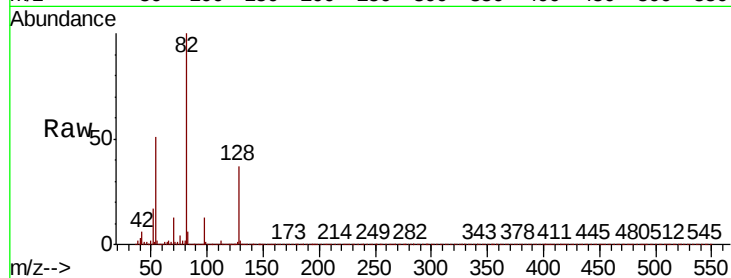




#23
Nitrobenzene-d5
Concen: 27.116 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

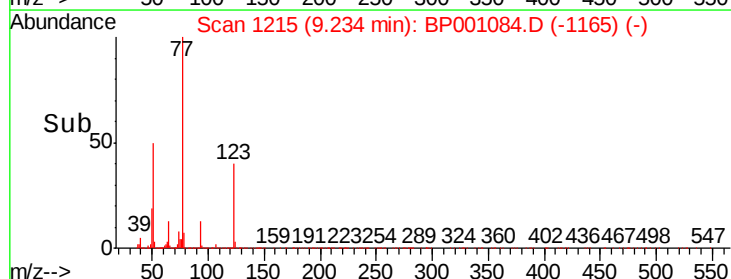
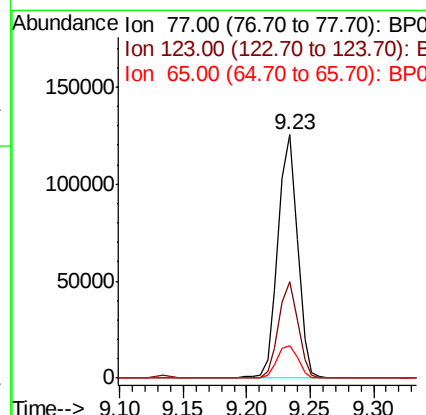
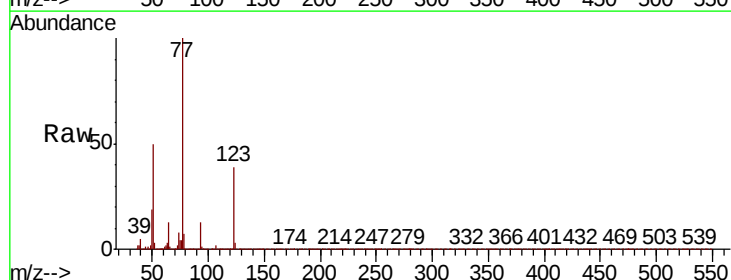
Instrument :
BNA_P
ClientSampleId :

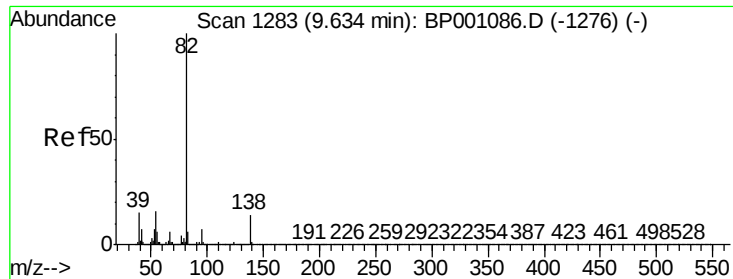
Tot Ion	82	Resp	271568
Ion Ratio	Lower	Upper	
82	100		
128	37.3	28.9	43.3
54	50.8	41.9	62.9



#24
Nitrobenzene
Concen: 13.418 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	77	Resp	134843
Ion Ratio	Lower	Upper	
77	100		
123	39.5	31.0	46.4
65	13.2	11.0	16.6

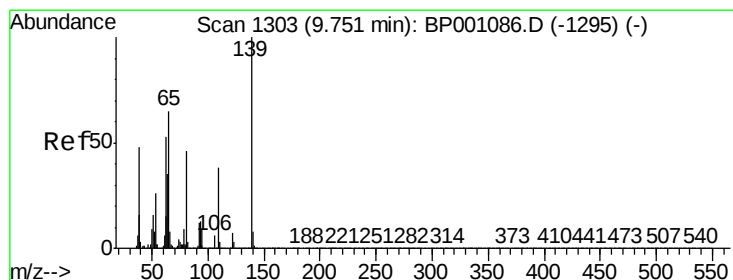
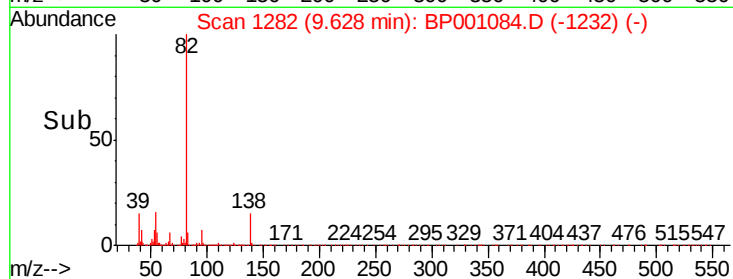
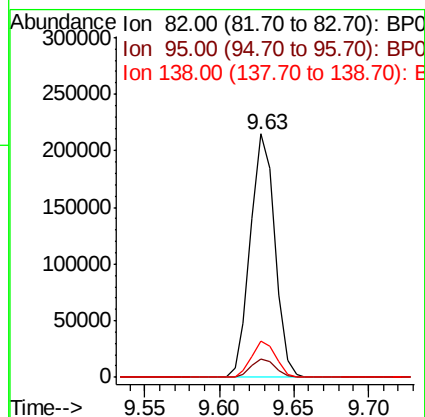
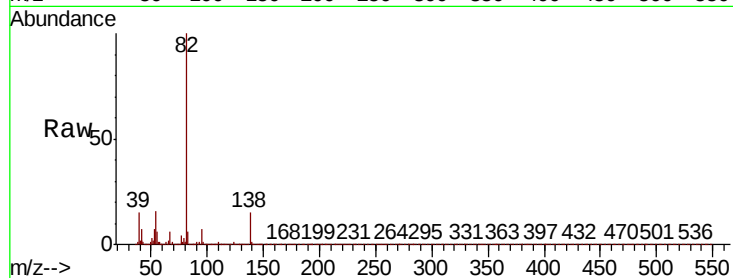




#25
Isophorone
Concen: 13.167 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

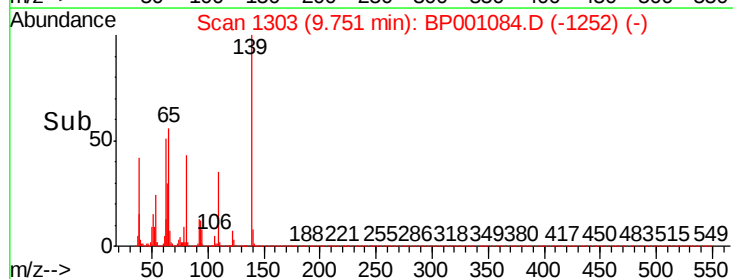
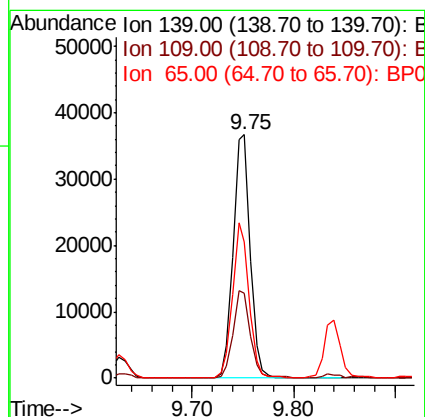
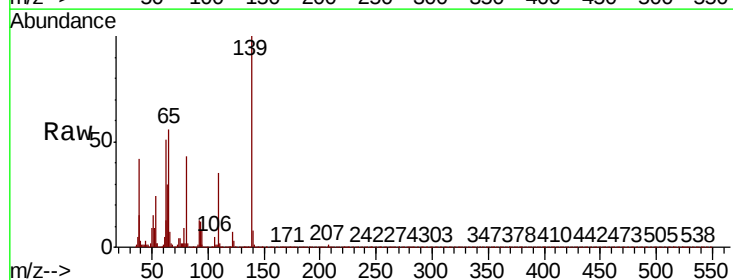
Instrument :
BNA_P
ClientSampleId :

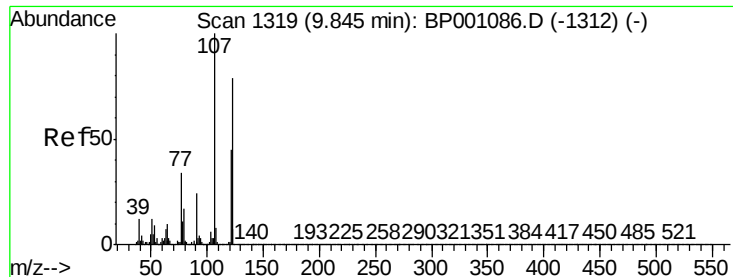
Tot Ion: 82 Resp: 242714
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 14.7 11.3 16.9



#26
2-Nitrophenol
Concen: 11.455 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:139 Resp: 43016
Ion Ratio Lower Upper
139 100
109 34.9 30.6 45.8
65 55.8 51.8 77.8

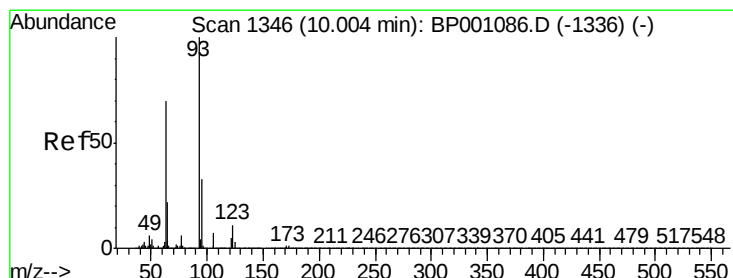
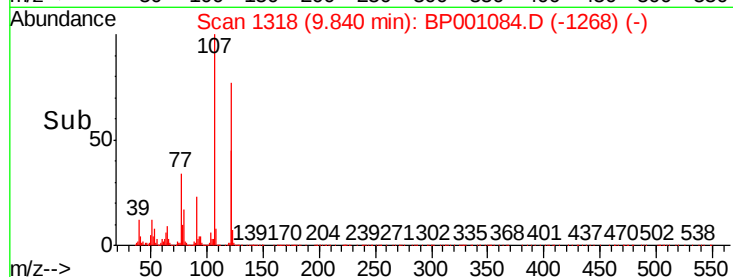
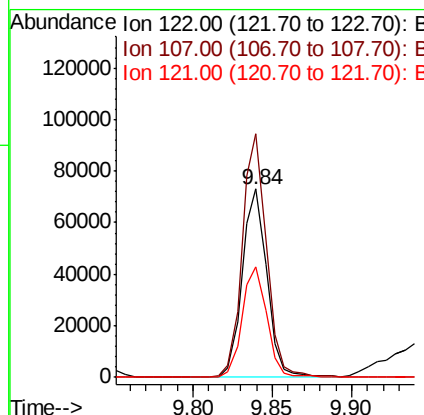
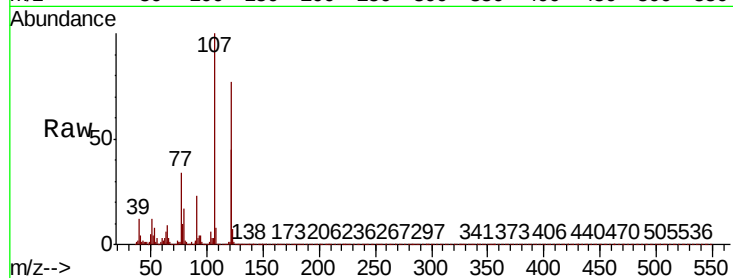




#27
2,4-Dimethylphenol
Concen: 11.174 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

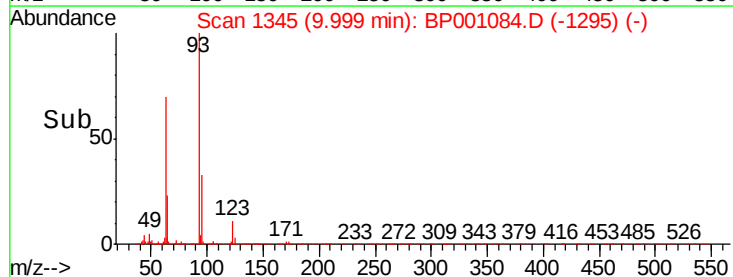
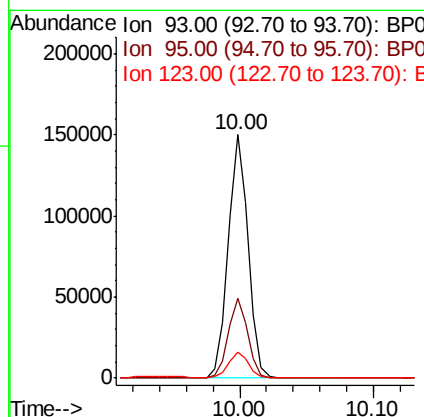
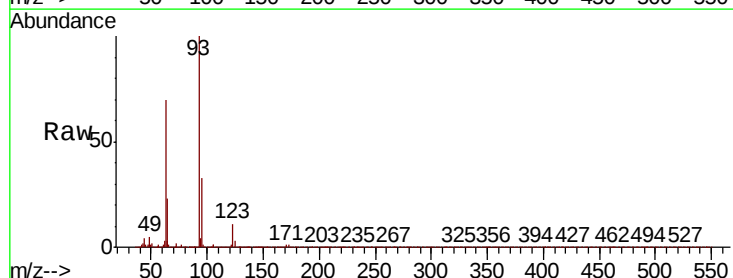
Instrument :
BNA_P
ClientSampleId :

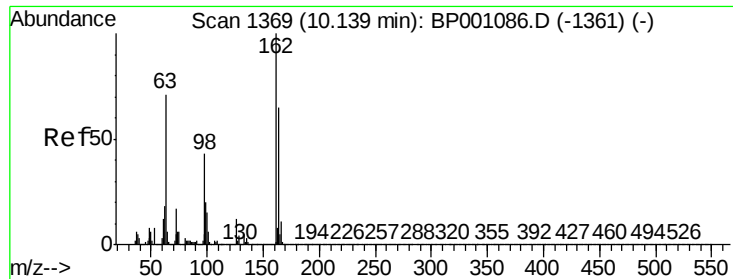
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.3	101.9	152.9
121	58.6	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 13.077 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	10.9	8.9	13.3

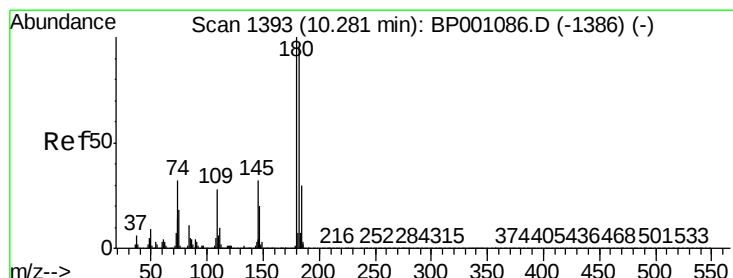
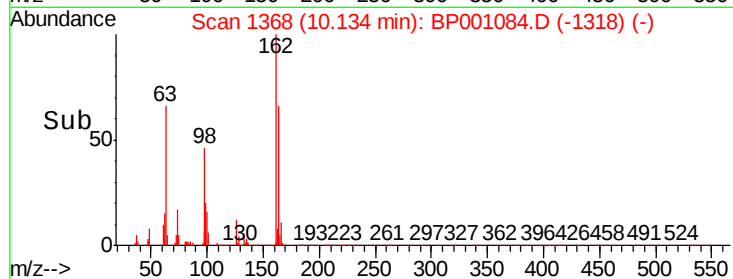
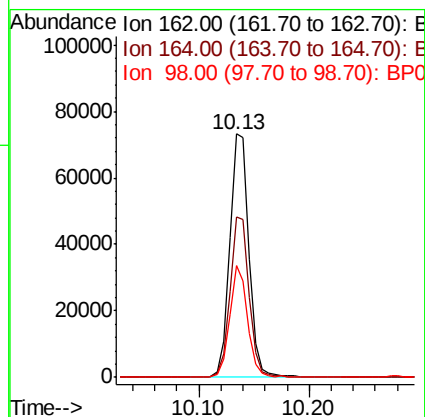
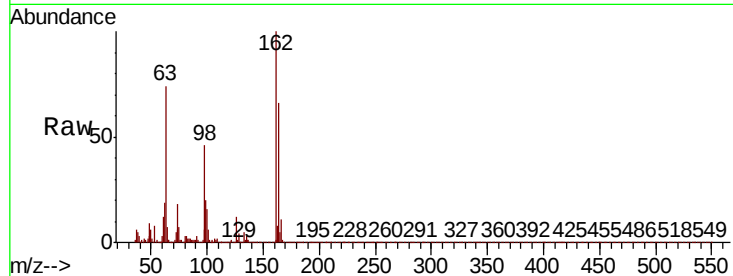




#29
2,4-Dichlorophenol
Concen: 10.526 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

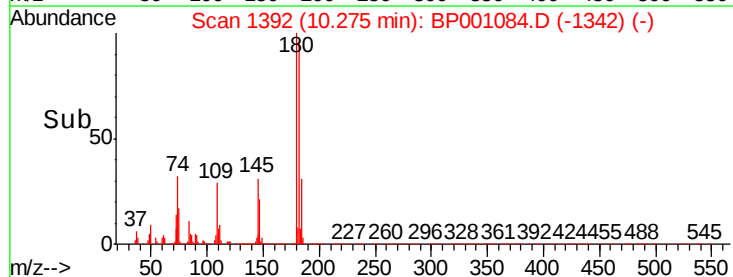
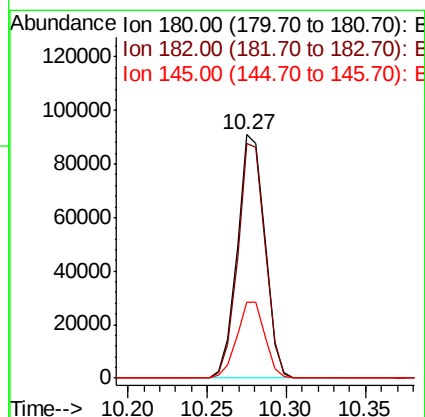
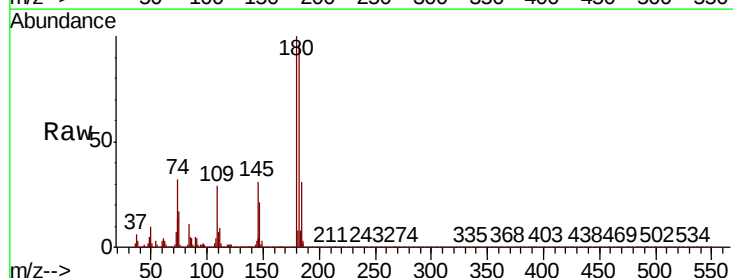
Instrument :
BNA_P
ClientSampleId :

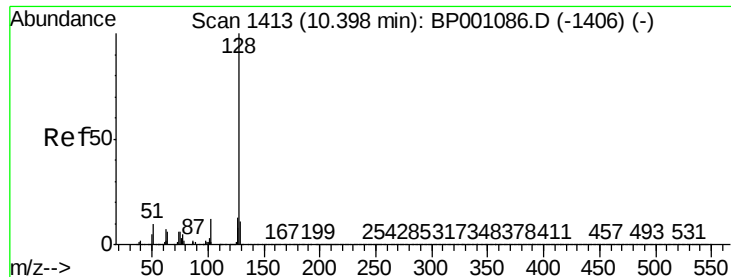
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.1	85.1
98	46.0	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 10.451 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
145	31.1	25.4	38.2

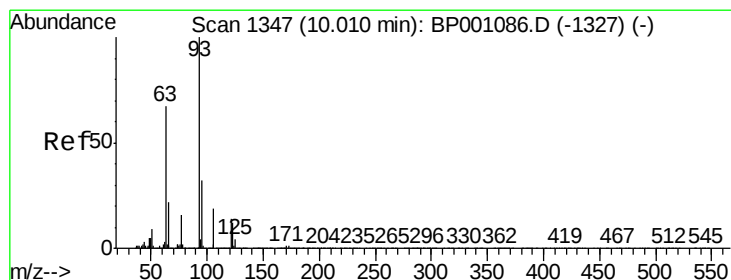
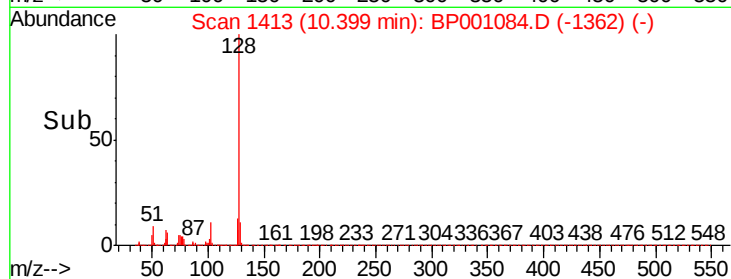
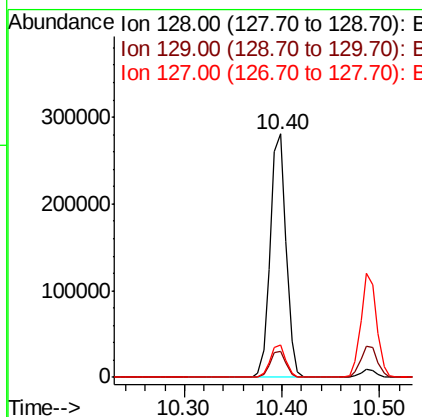
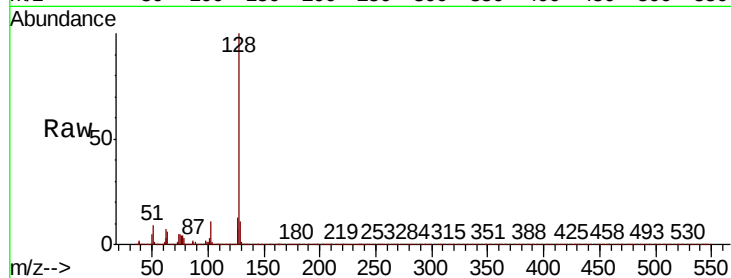




#31
Naphthalene
Concen: 11.584 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

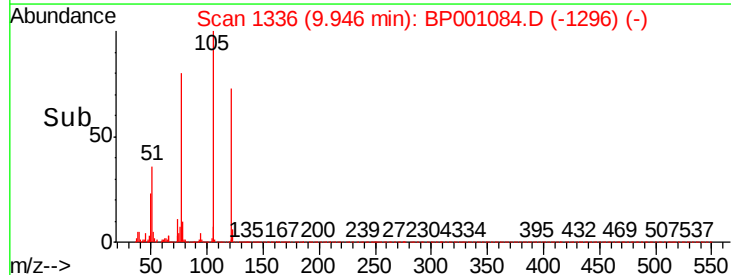
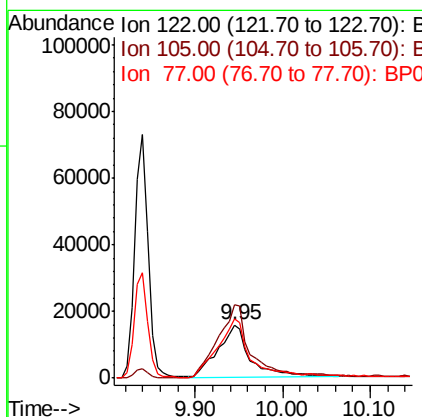
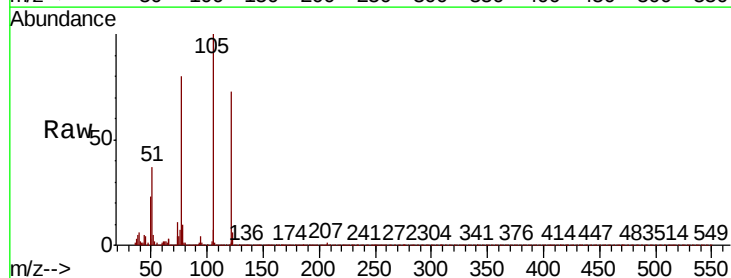
Instrument :
BNA_P
ClientSampleId :

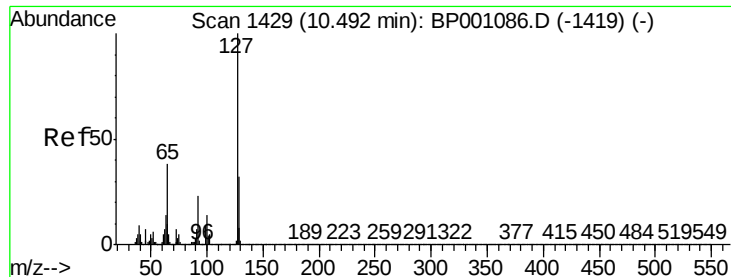
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.6	16.0



#32
Benzoic acid
Concen: 10.568 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.06 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.6	116.8	156.8
77	109.9	95.0	135.0

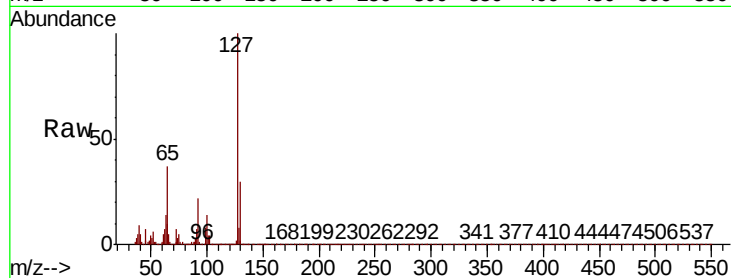




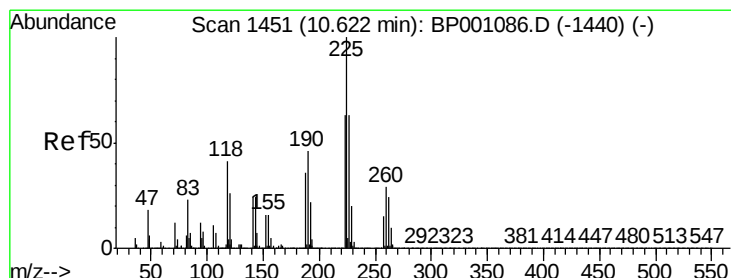
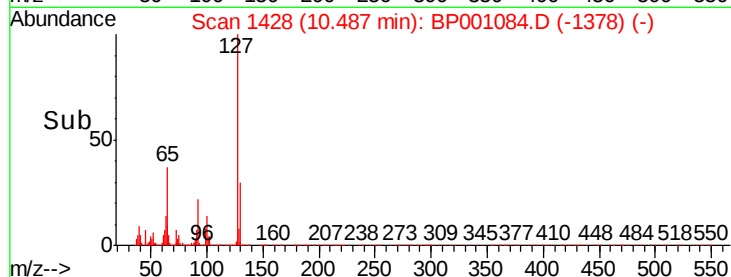
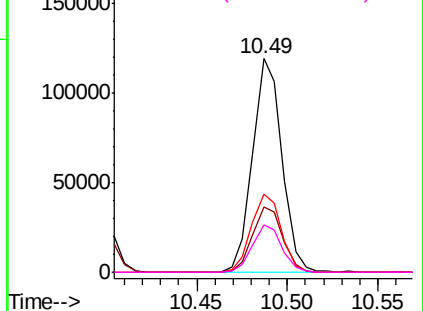
#33
4-Chloroaniline
Concen: 11.311 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	134251
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.5	38.3
65	36.8	30.6	46.0
92	22.1	18.5	27.7

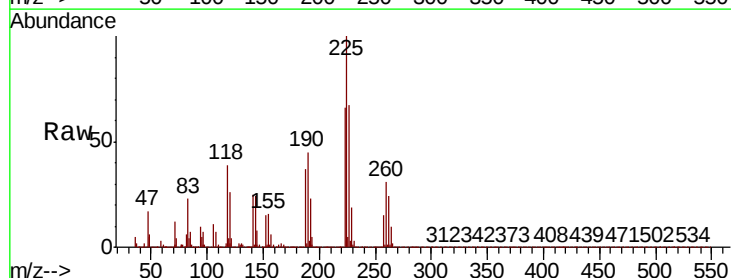


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

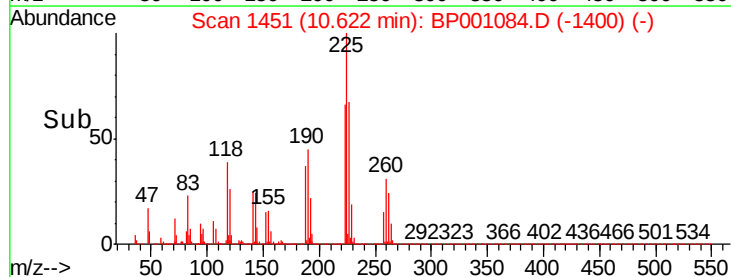
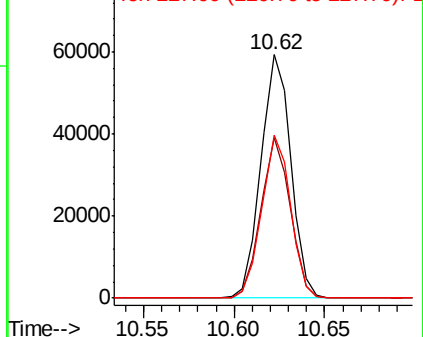


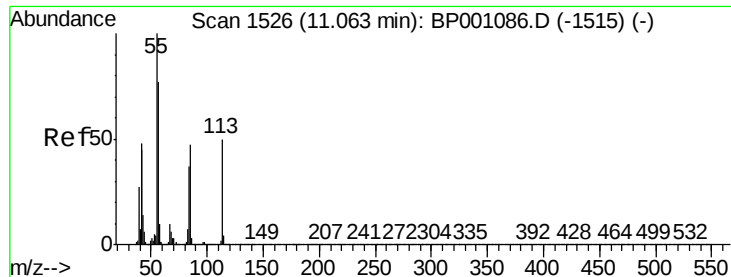
#34
Hexachlorobutadiene
Concen: 9.846 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:	225	Resp:	67828
Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.0	75.0
227	66.8	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

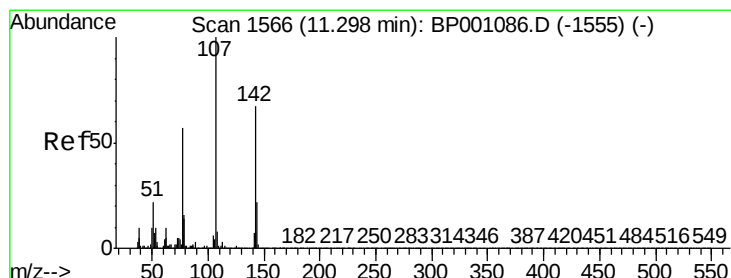
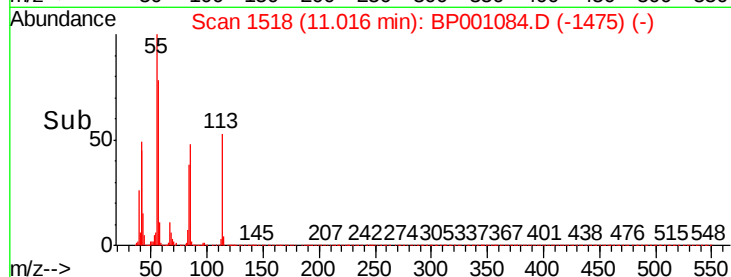
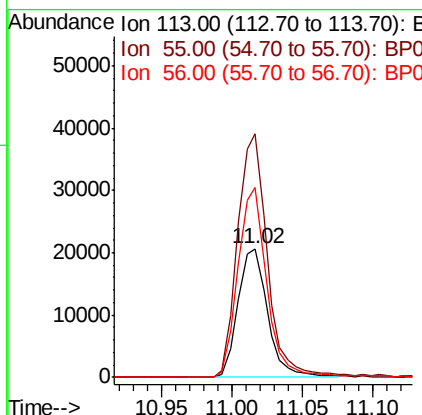
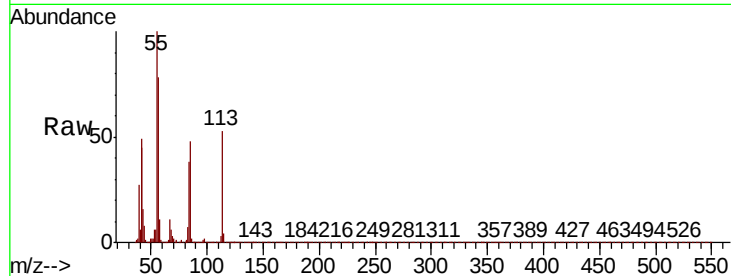




#35
Caprolactam
Concen: 11.289 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.05 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

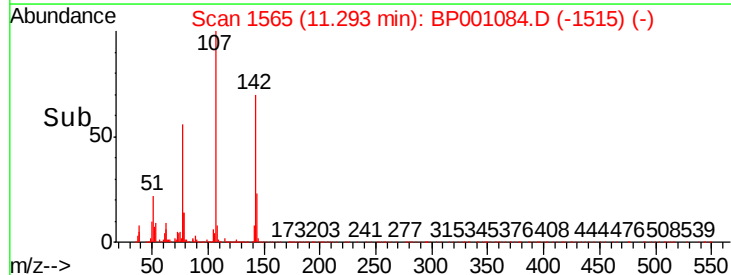
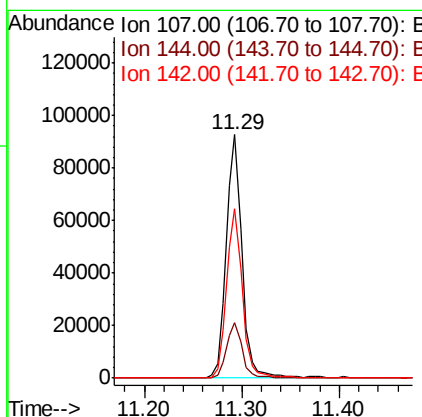
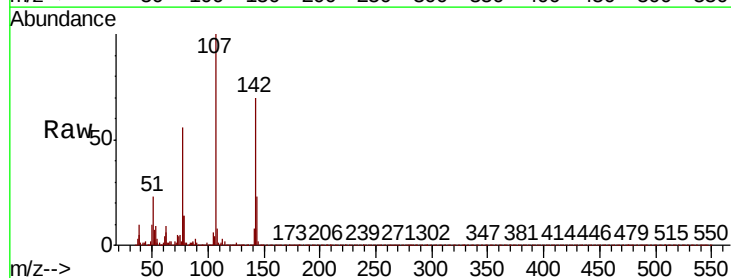
Instrument :
BNA_P
ClientSampleId :

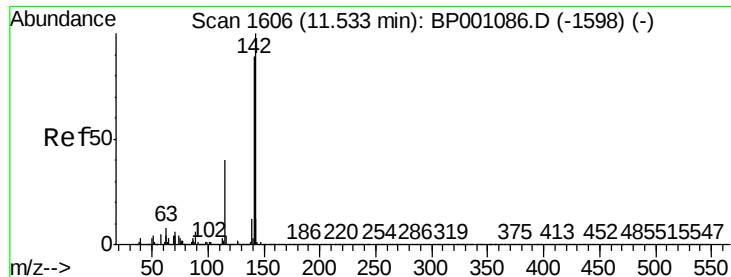
Tot Ion:113 Resp: 30243
Ion Ratio Lower Upper
113 100
55 188.8 181.2 221.2
56 147.6 134.7 174.7



#36
4-Chloro-3-methylphenol
Concen: 11.830 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:107 Resp: 104267
Ion Ratio Lower Upper
107 100
144 22.5 17.5 26.3
142 69.7 53.3 79.9

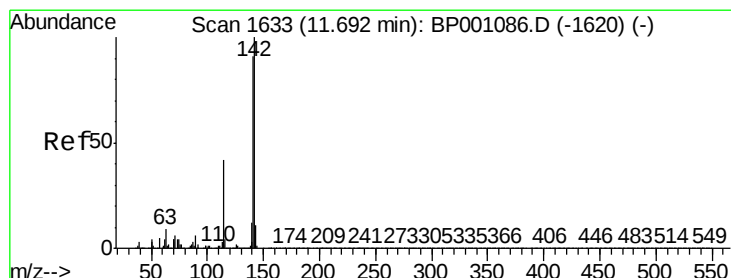
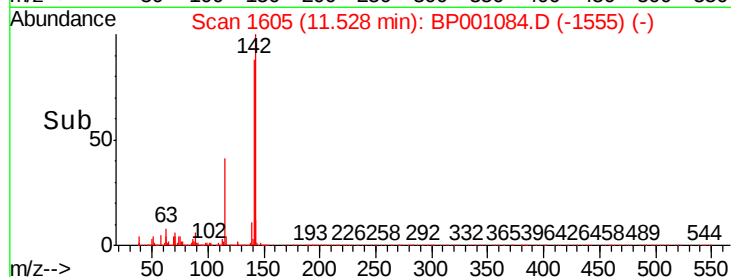
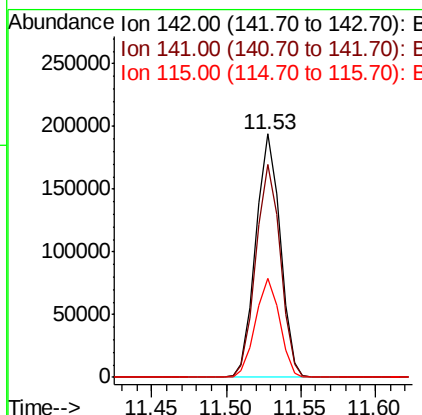
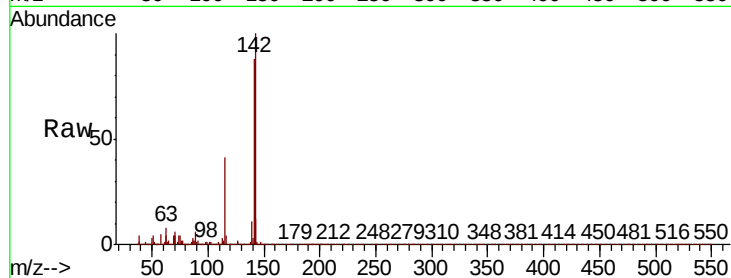




#37
2-Methylnaphthalene
Concen: 11.267 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

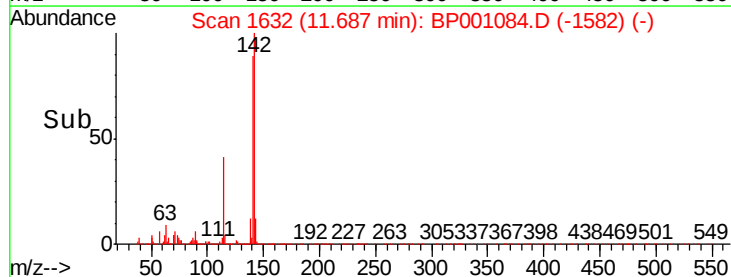
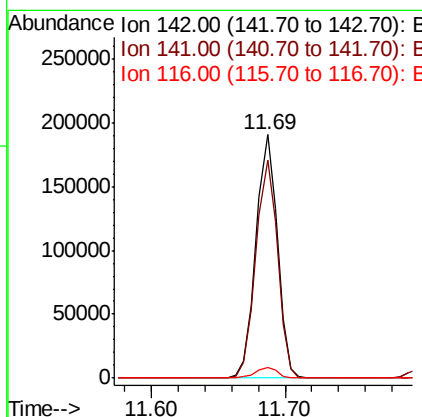
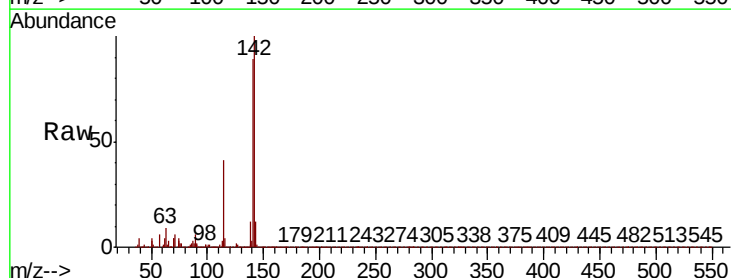
Instrument :
BNA_P
ClientSampleId :

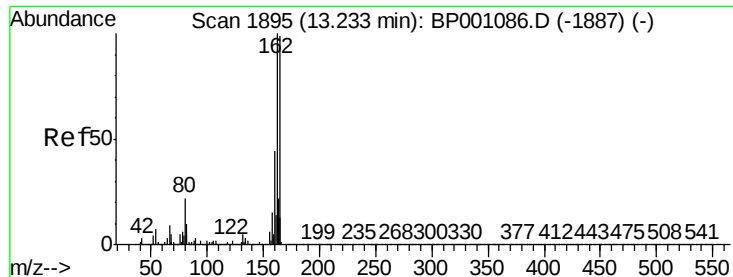
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.1	106.7
115	40.9	32.3	48.5



#38
1-Methylnaphthalene
Concen: 11.437 ng
RT: 11.69 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.0	109.4
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

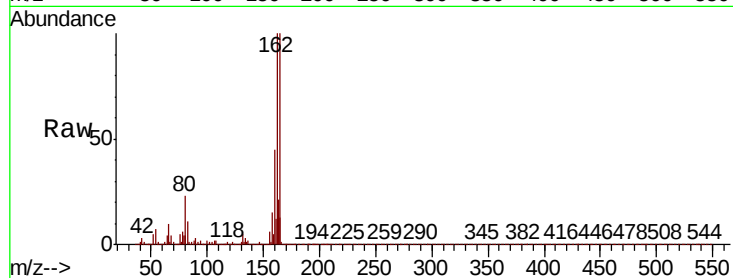
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 323879

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	44.7	35.4	53.2

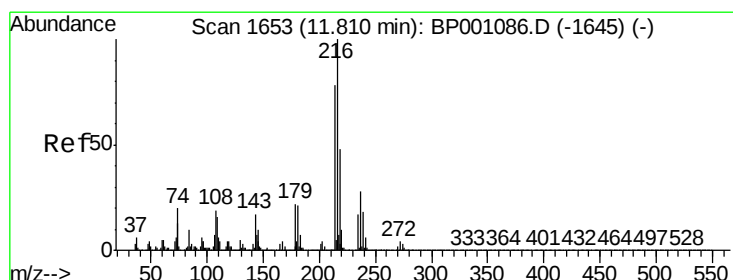
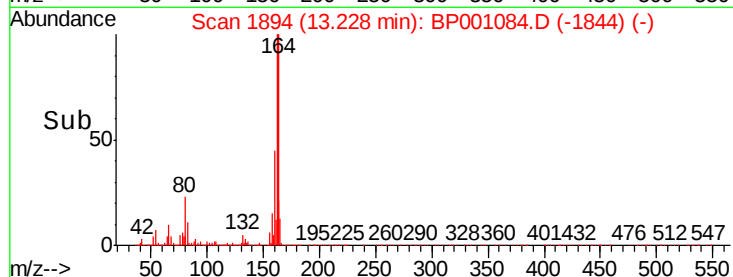
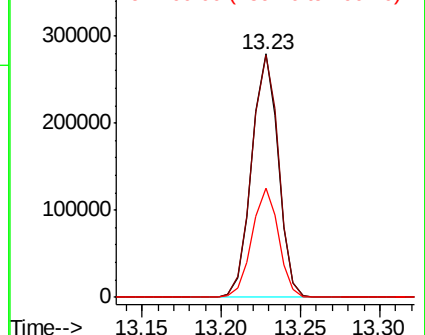


Abundance

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: 10.612 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Tgt Ion:216 Resp: 114440

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.8	94.2
179	21.9	17.6	26.4
108	21.6	17.7	26.5

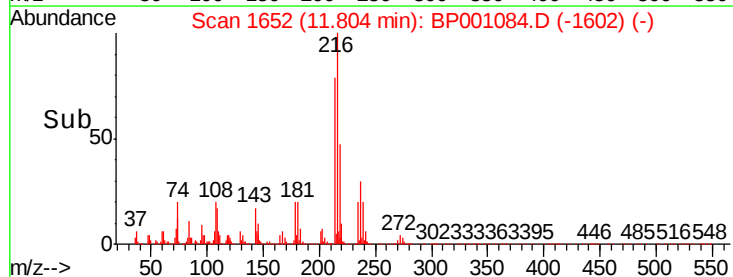
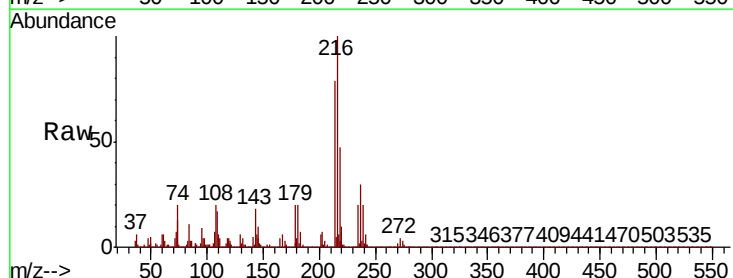
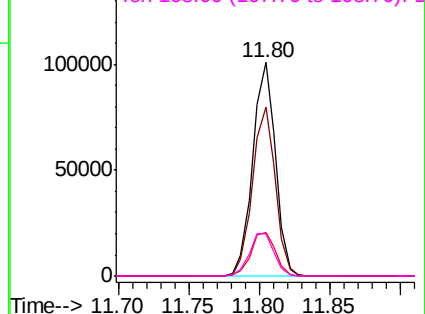
Abundance

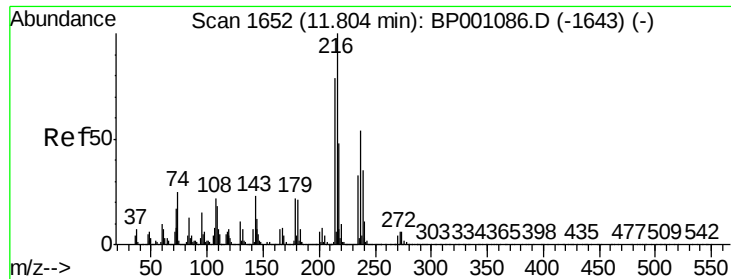
Ion 216.00 (215.70 to 216.70): E

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

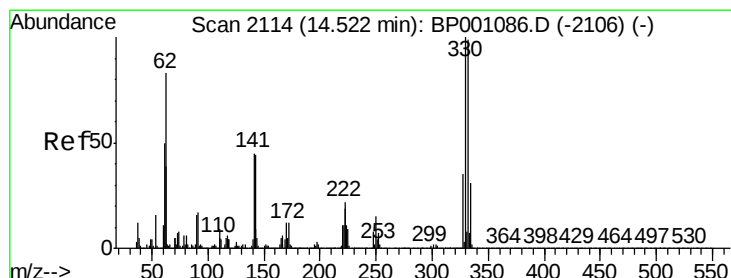
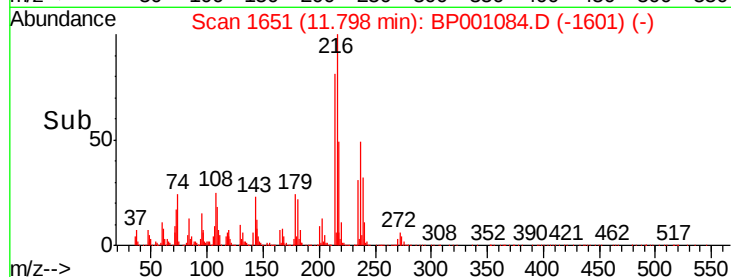
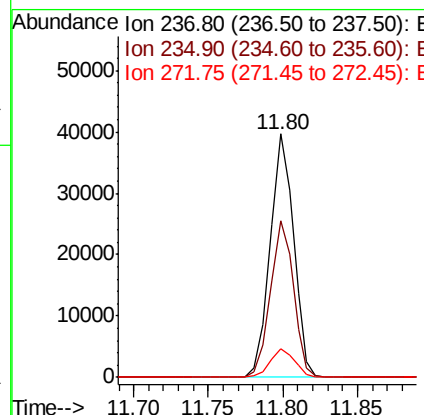
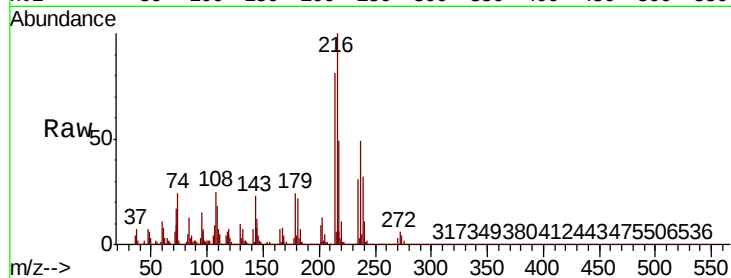




#41
Hexachlorocyclopentadiene
Concen: 7.976 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

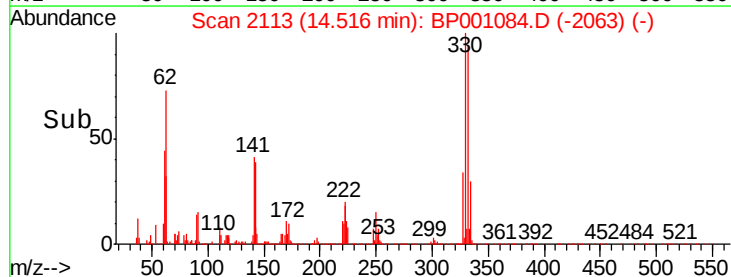
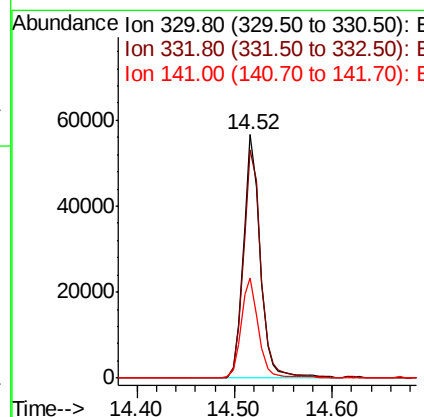
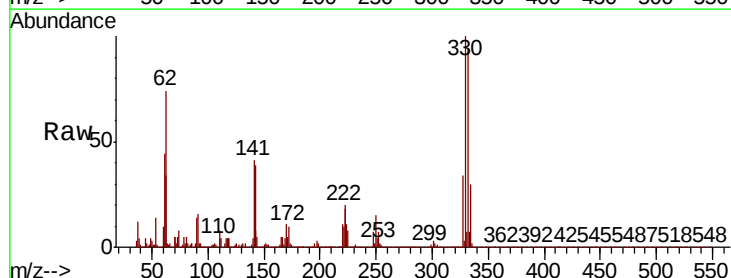
Instrument :
BNA_P
ClientSampleId :

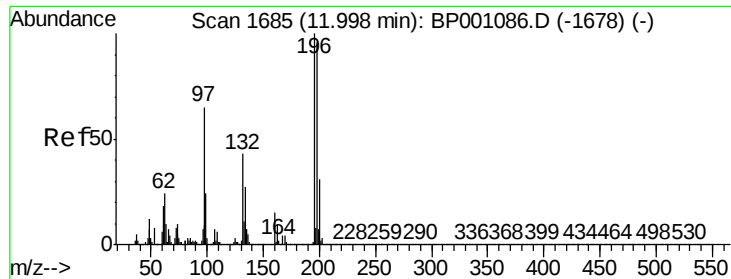
Tot Ion:237 Resp: 43092
Ion Ratio Lower Upper
237 100
235 64.3 41.8 81.8
272 11.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 17.508 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:330 Resp: 67693
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 41.3 34.2 51.2

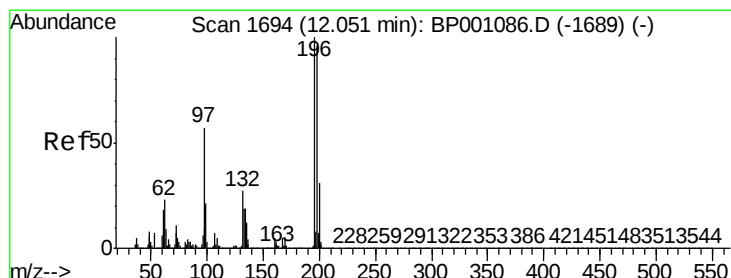
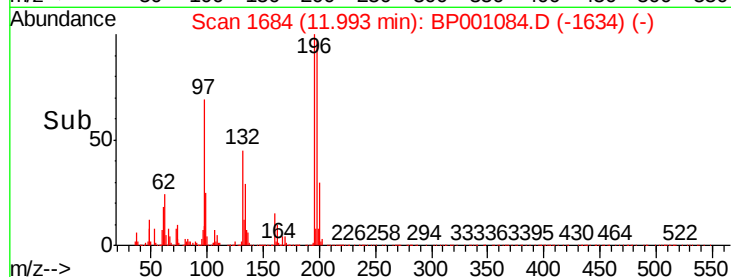
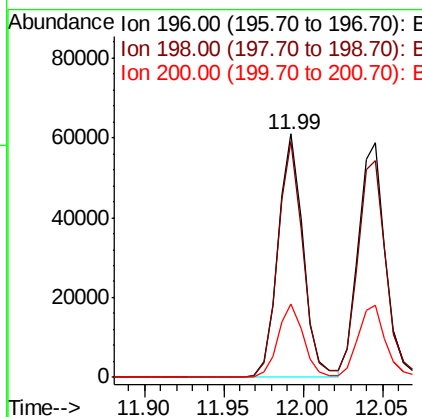
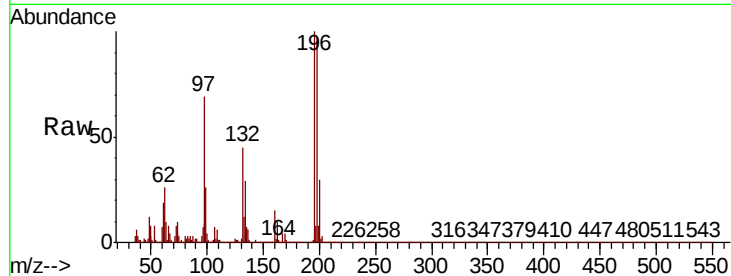




#43
2,4,6-Trichlorophenol
Concen: 10.279 ng
RT: 11.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

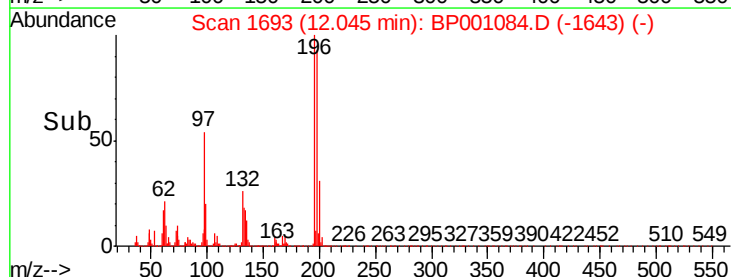
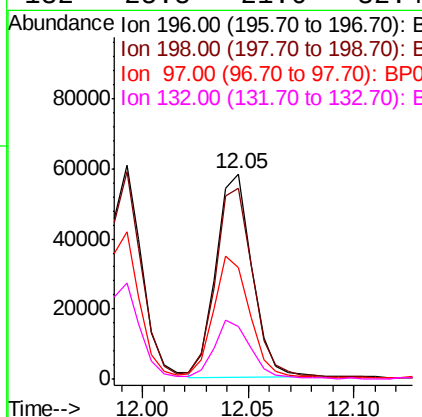
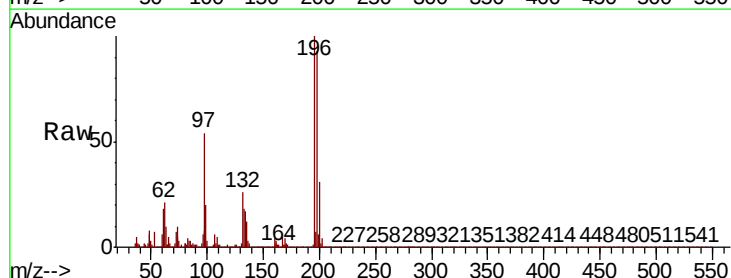
Instrument :
BNA_P
ClientSampleId :

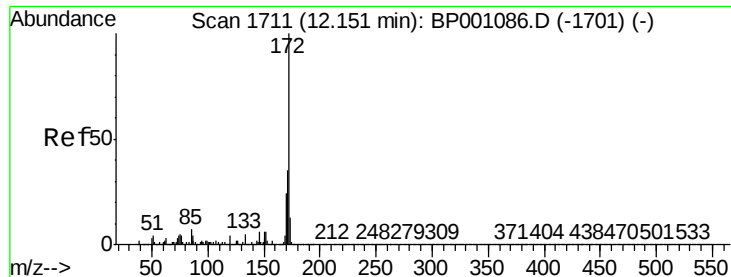
Tot Ion:196 Resp: 66836
Ion Ratio Lower Upper
196 100
198 96.8 76.7 115.1
200 30.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 9.943 ng
RT: 12.05 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:196 Resp: 69125
Ion Ratio Lower Upper
196 100
198 92.6 76.8 115.2
97 54.0 46.1 69.1
132 25.8 21.6 32.4

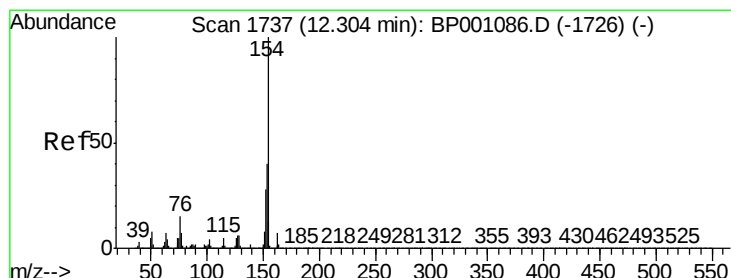
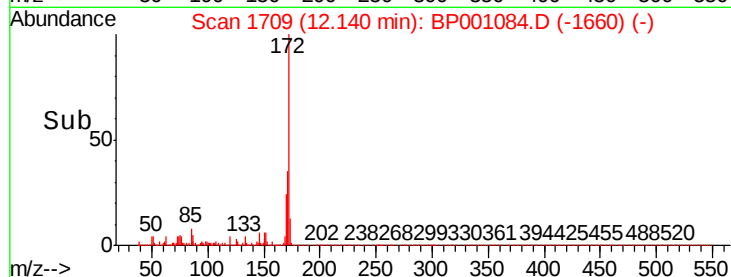
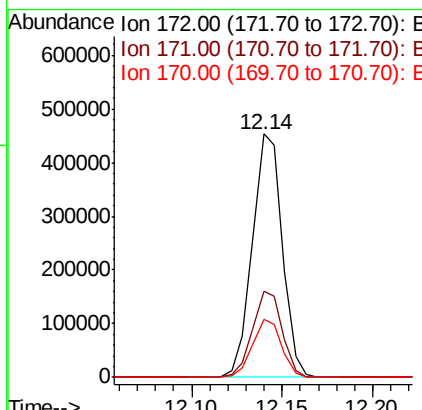
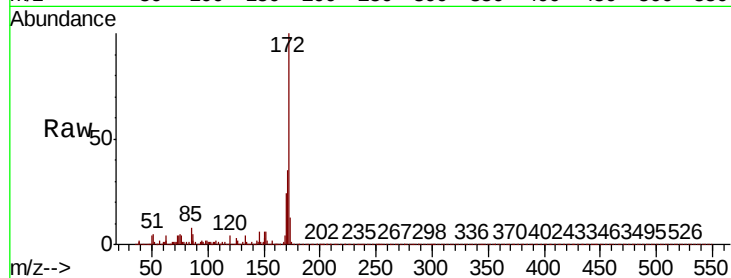




#45
2-Fluorobiphenyl
Concen: 24.214 ng
RT: 12.14 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

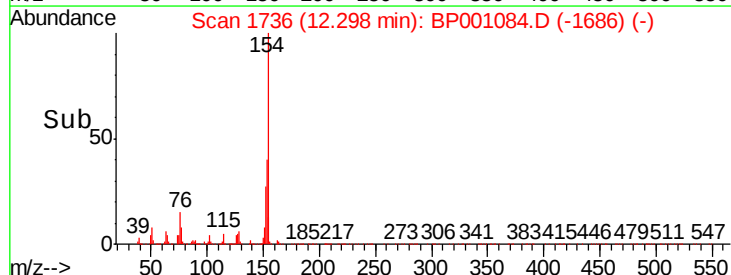
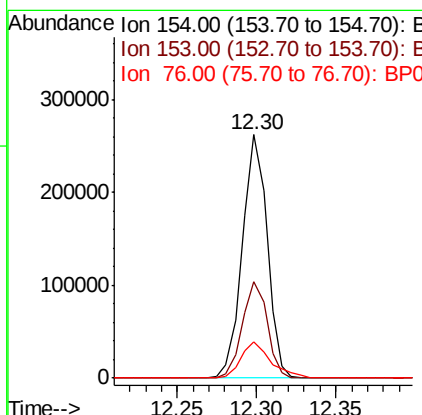
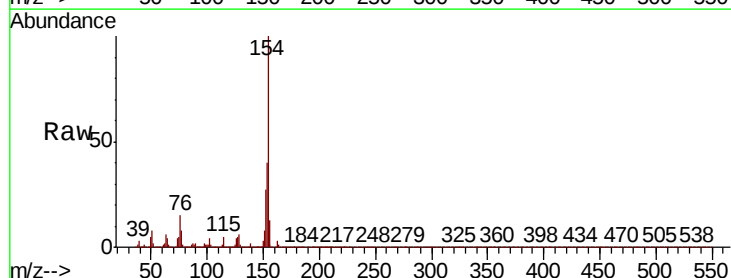
Instrument :
BNA_P
ClientSampleId :

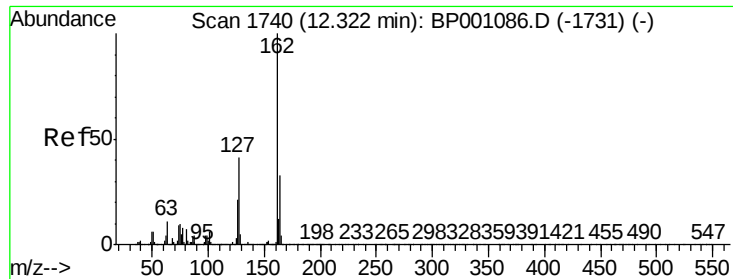
Tot Ion:172 Resp: 520722
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 11.714 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:154 Resp: 283685
Ion Ratio Lower Upper
154 100
153 39.8 20.2 60.2
76 14.7 0.0 34.5

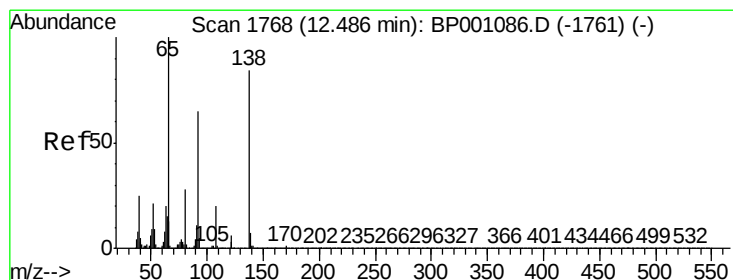
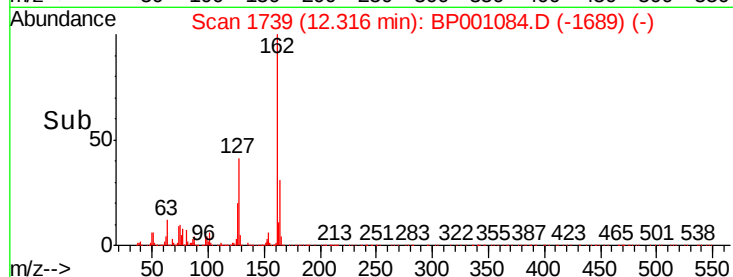
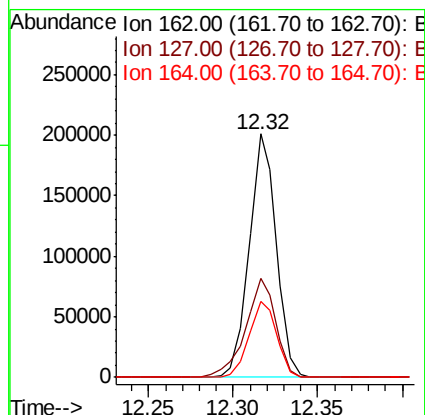
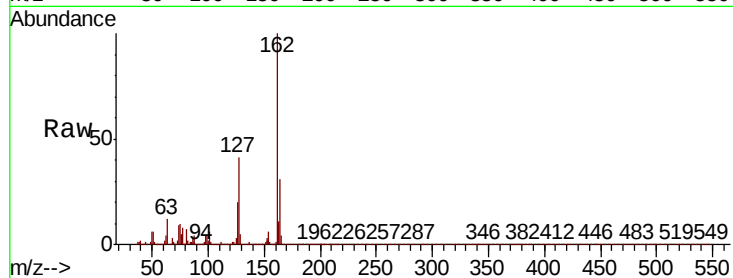




#47
2-Chloronaphthalene
Concen: 11.498 ng
RT: 12.32 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

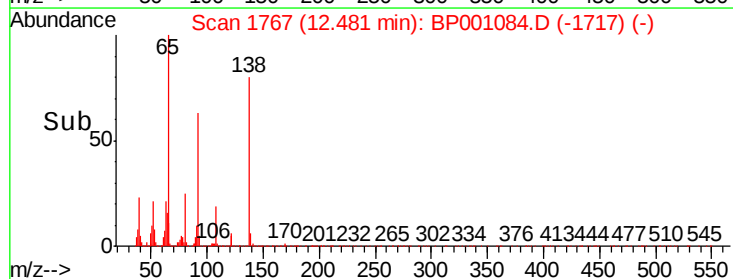
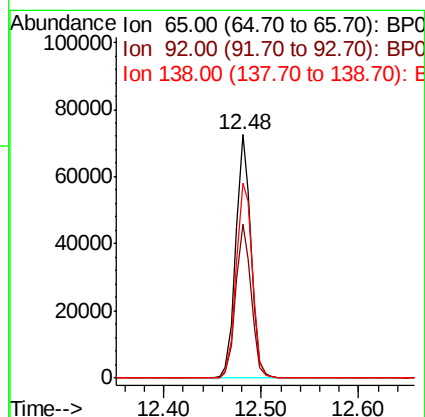
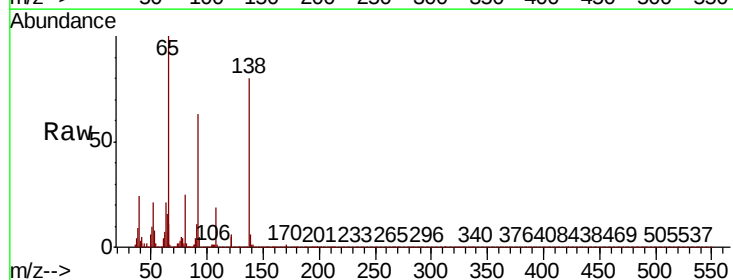
Instrument :
BNA_P
ClientSampleId :

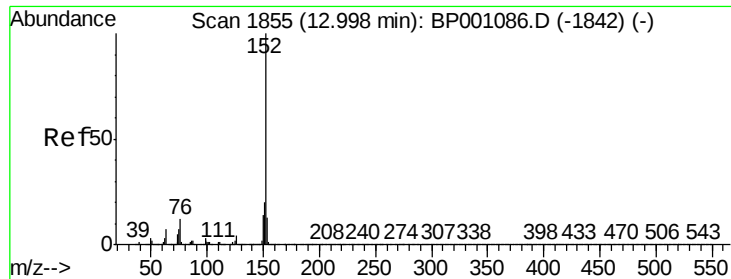
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.0	49.6
164	31.4	26.7	40.1



#48
2-Nitroaniline
Concen: 15.333 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	51.6	77.4
138	80.3	67.3	100.9





#49

Acenaphthylene

Concen: 11.370 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BP001084.D

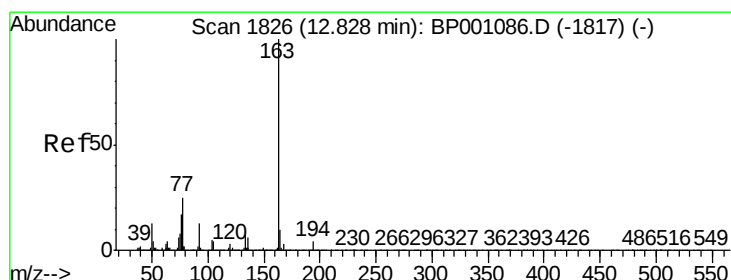
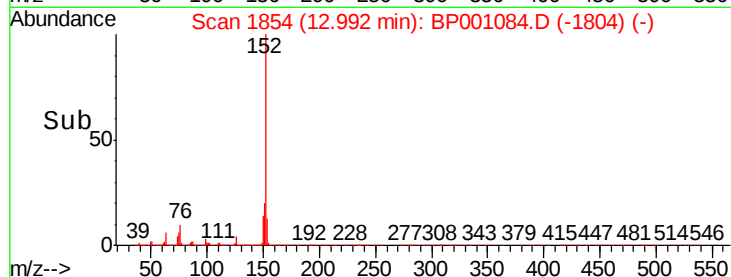
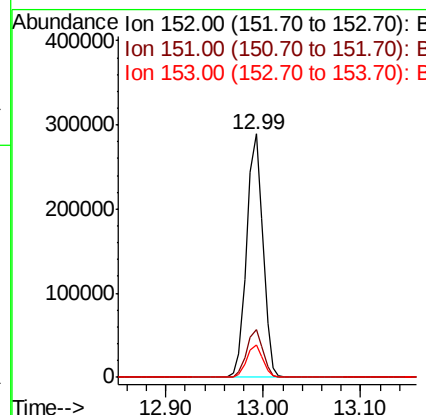
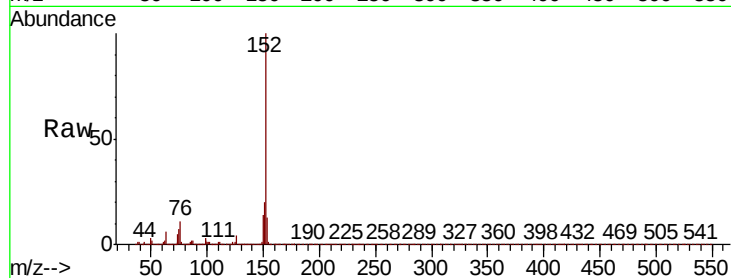
Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	336983
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.4	10.2	15.4



#50

Dimethylphthalate

Concen: 11.507 ng

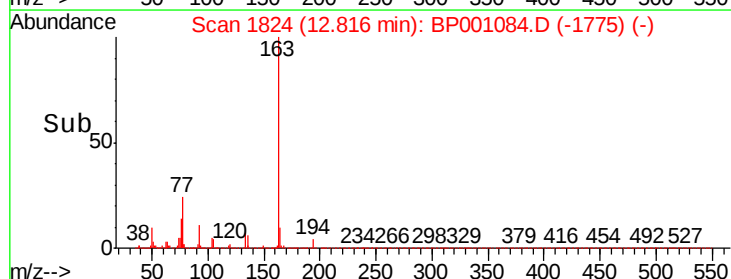
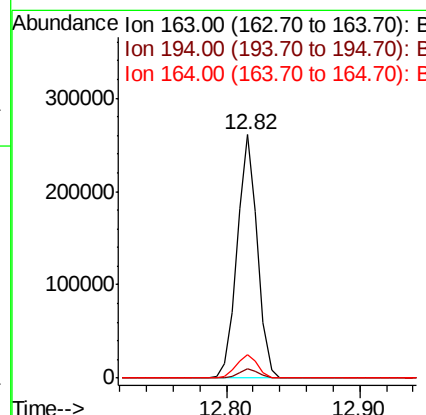
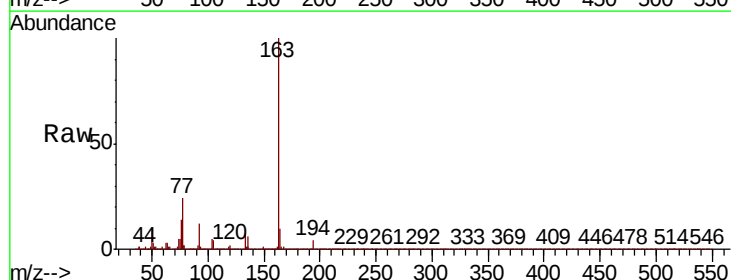
RT: 12.82 min Scan# 1824

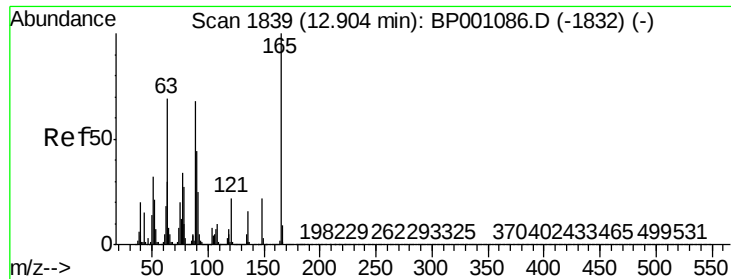
Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Tgt Ion:	163	Resp:	275577
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.7	8.1	12.1

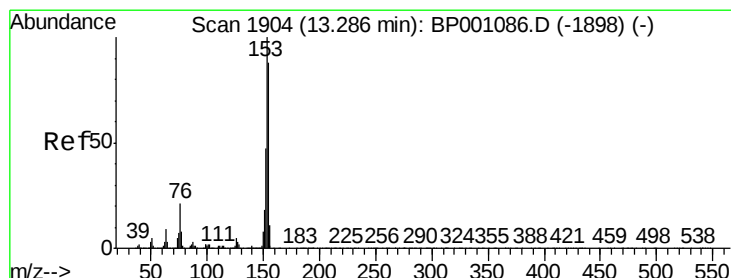
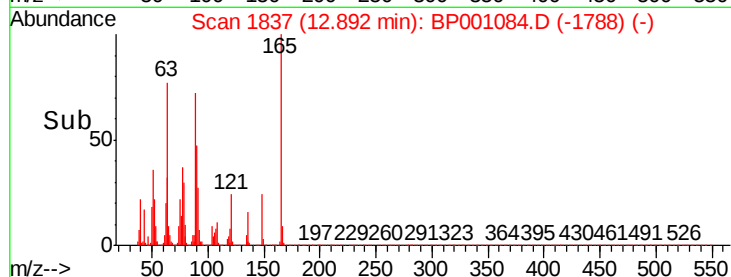
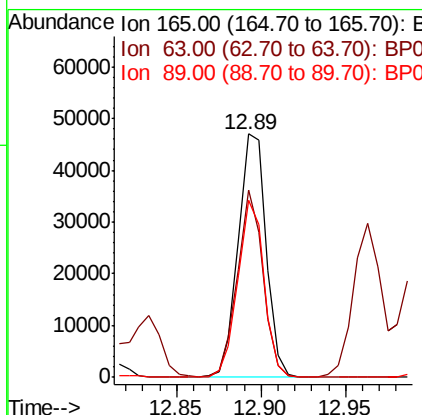
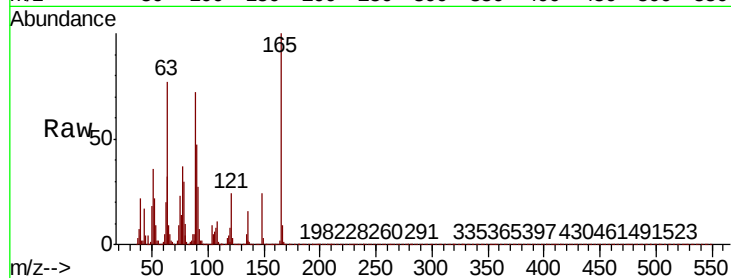




#51
2,6-Dinitrotoluene
Concen: 10.884 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

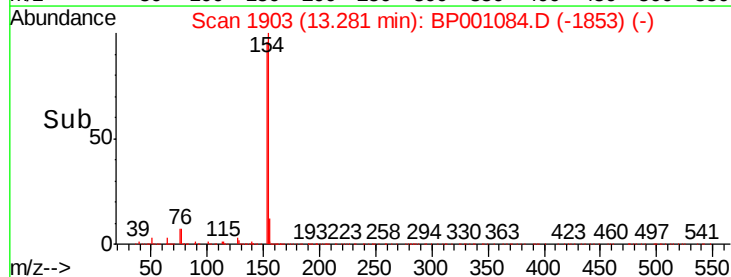
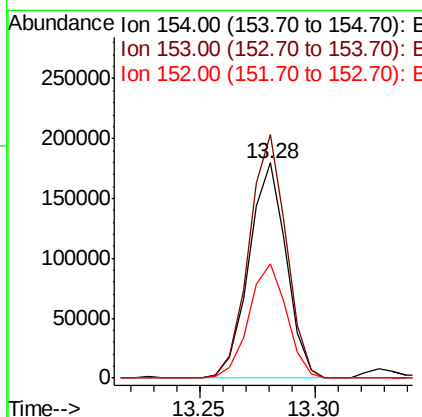
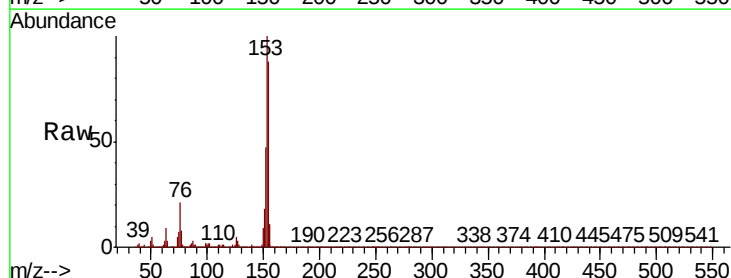
Instrument :
BNA_P
ClientSampleId :

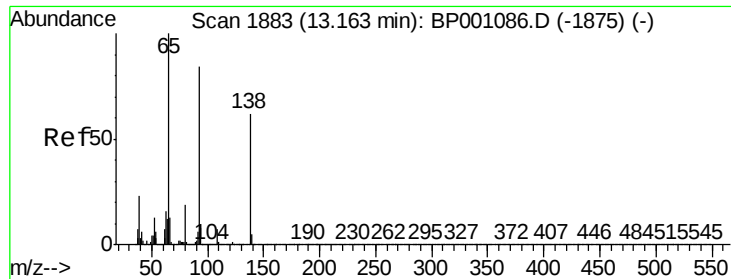
Tot Ion:165 Resp: 54373
Ion Ratio Lower Upper
165 100
63 77.1 55.6 83.4
89 72.5 54.1 81.1



#52
Acenaphthene
Concen: 11.411 ng
RT: 13.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:154 Resp: 202286
Ion Ratio Lower Upper
154 100
153 113.2 90.5 135.7
152 53.3 42.6 64.0

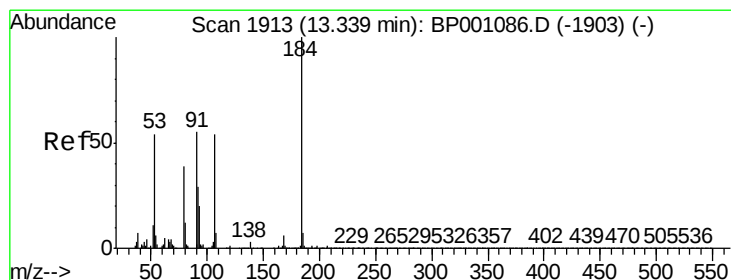
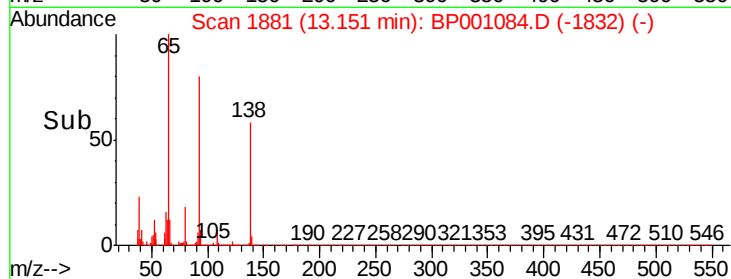
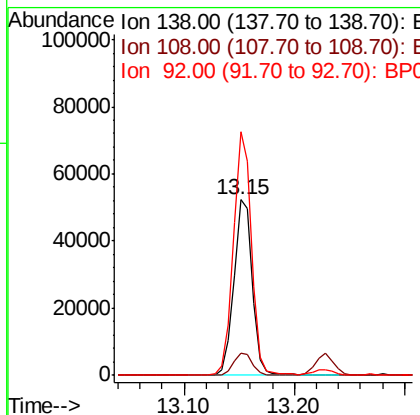
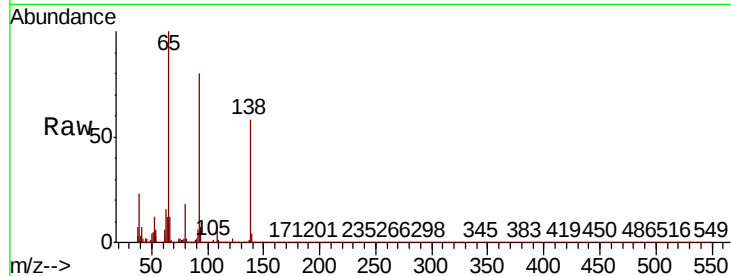




#53
3-Nitroaniline
Concen: 11.281 ng
RT: 13.15 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

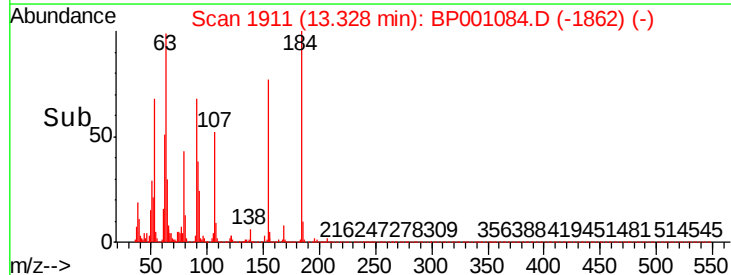
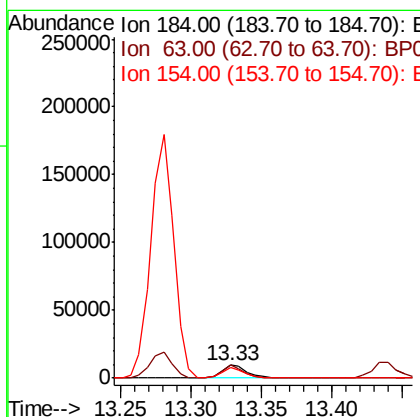
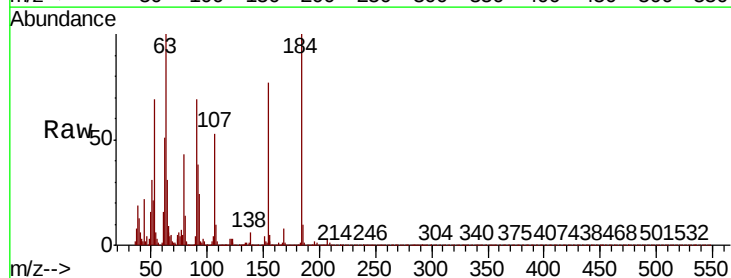
Instrument :
BNA_P
ClientSampled :

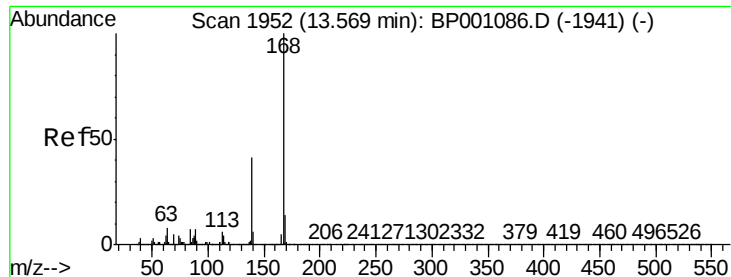
Tot Ion:138 Resp: 61470
Ion Ratio Lower Upper
138 100
108 12.4 9.2 13.8
92 138.6 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 9.973 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:184 Resp: 12282
Ion Ratio Lower Upper
184 100
63 99.7 60.7 91.1#
154 76.6 56.2 84.2





#55

Dibenzofuran

Concen: 11.537 ng

RT: 13.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

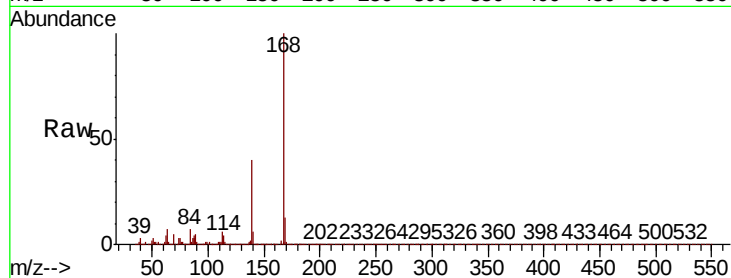
Tot Ion:168 Resp: 319442

Ion Ratio Lower Upper

168 100

139 40.4 32.8 49.2

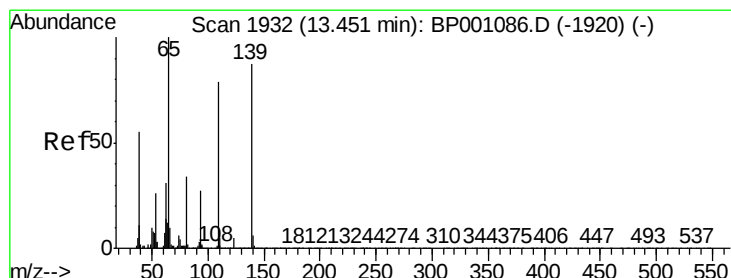
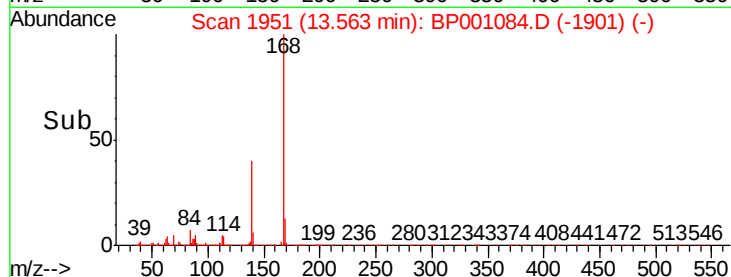
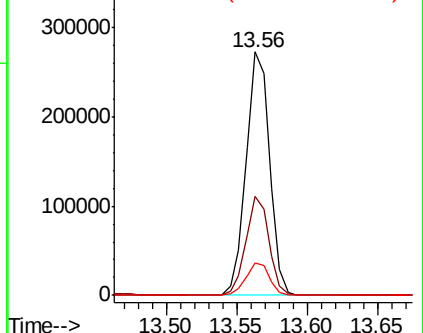
169 13.2 10.9 16.3



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: 10.468 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

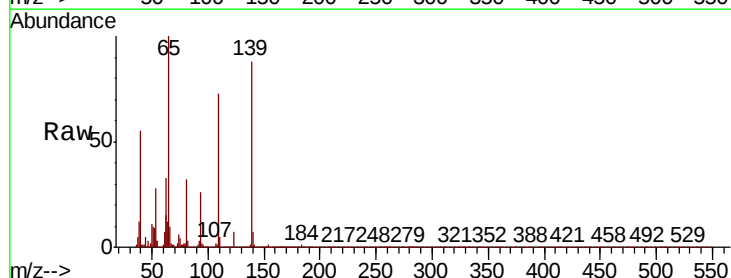
Tgt Ion:139 Resp: 39665

Ion Ratio Lower Upper

139 100

109 82.8 70.9 110.9

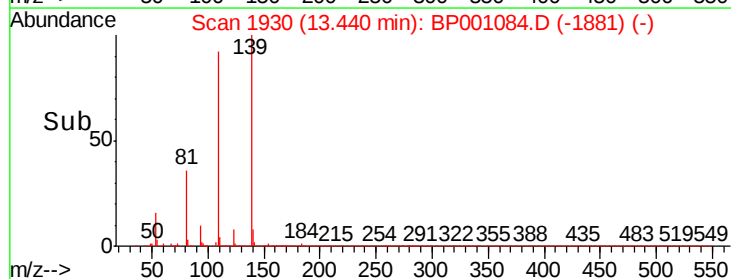
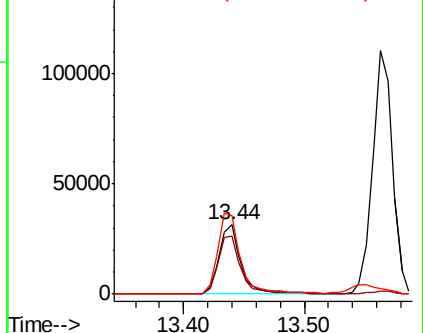
65 114.1 95.2 135.2

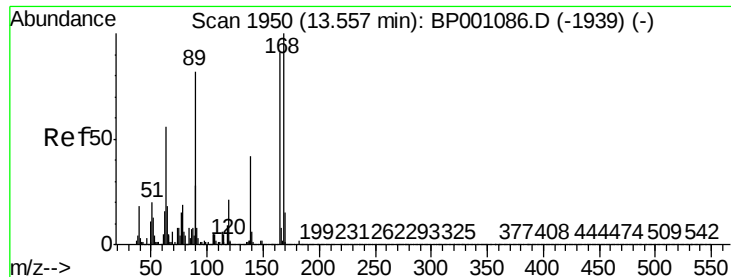


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

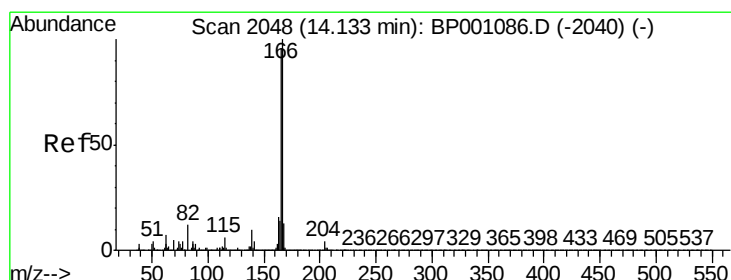
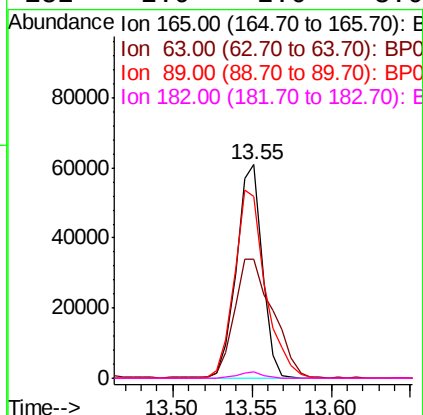
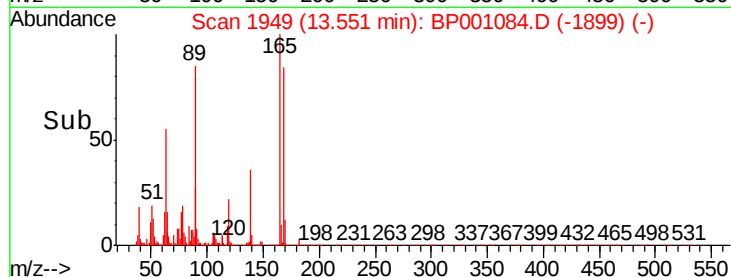
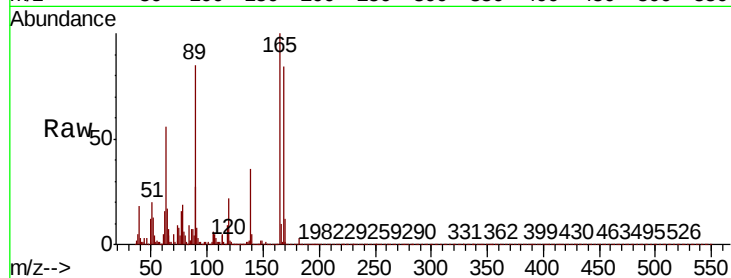




#57
2,4-Dinitrotoluene
Concen: 10.959 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

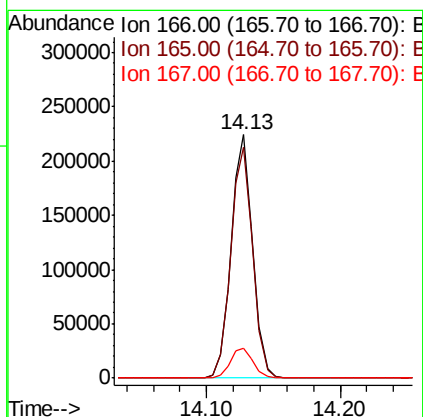
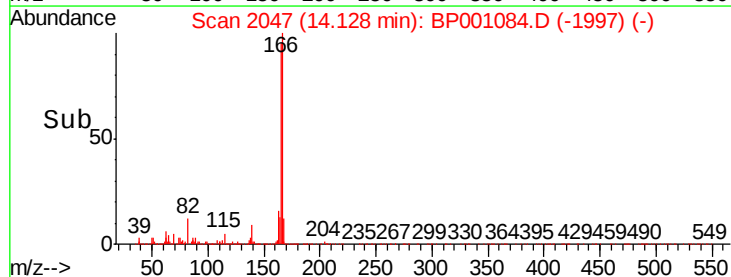
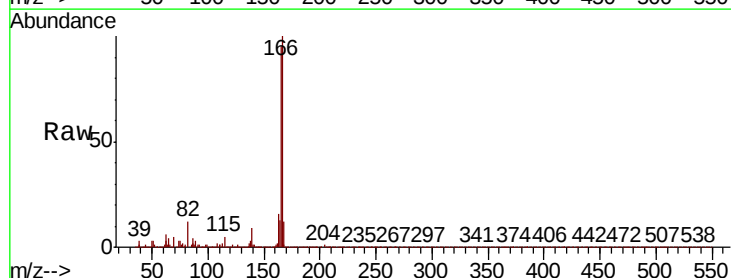
Instrument :
BNA_P
ClientSampleId :

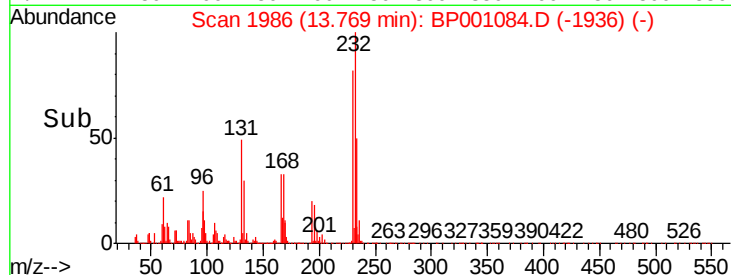
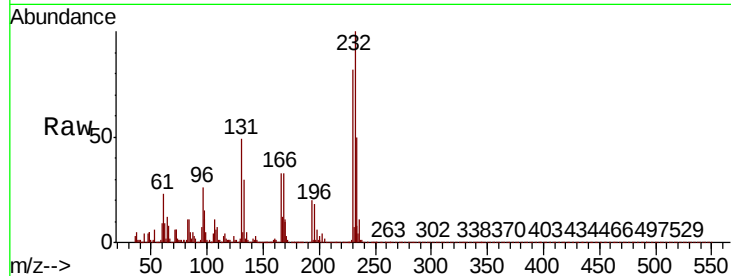
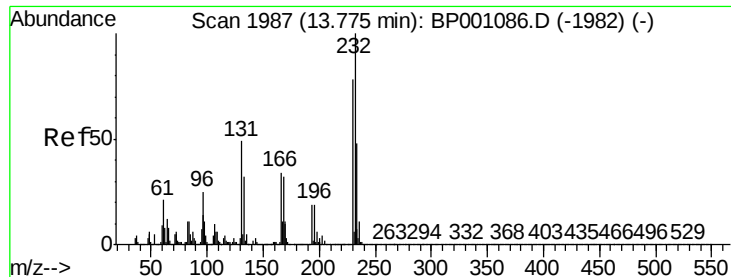
Tot Ion:165 Resp: 68767
Ion Ratio Lower Upper
165 100
63 56.0 49.4 74.2
89 85.1 72.1 108.1
182 2.9 2.0 3.0



#58
Fluorene
Concen: 11.422 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:166 Resp: 251691
Ion Ratio Lower Upper
166 100
165 94.9 76.7 115.1
167 12.2 10.5 15.7

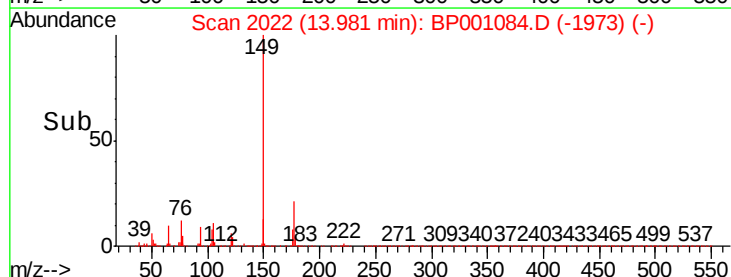
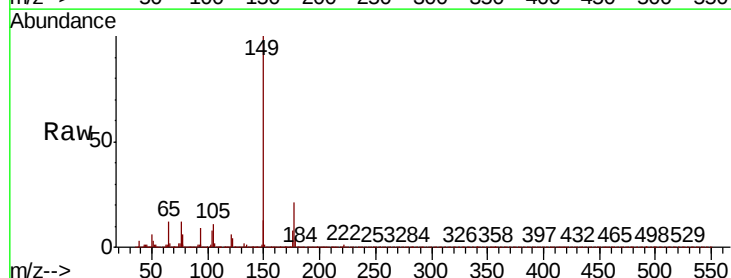
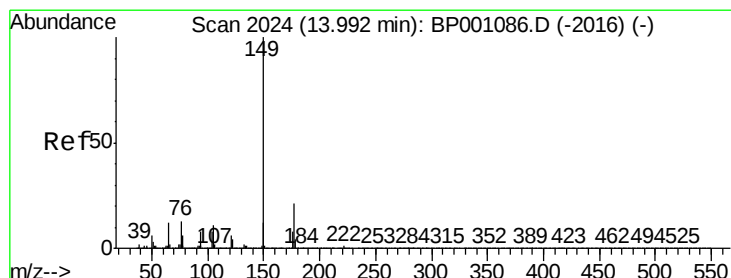
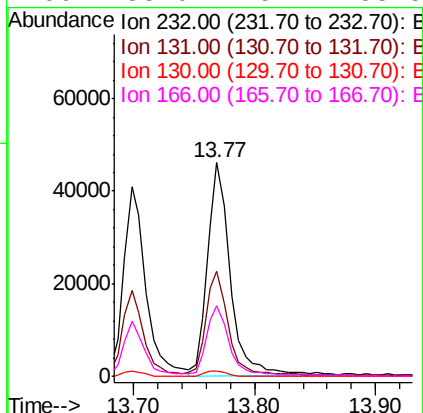




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.117 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

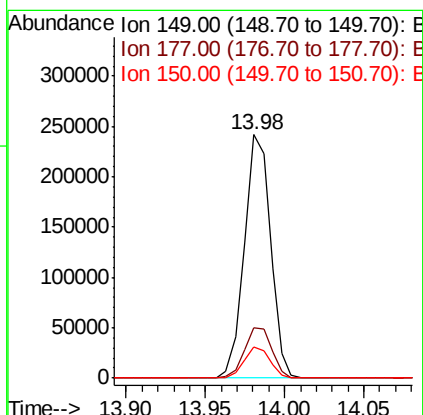
Instrument :
BNA_P
ClientSampleId :

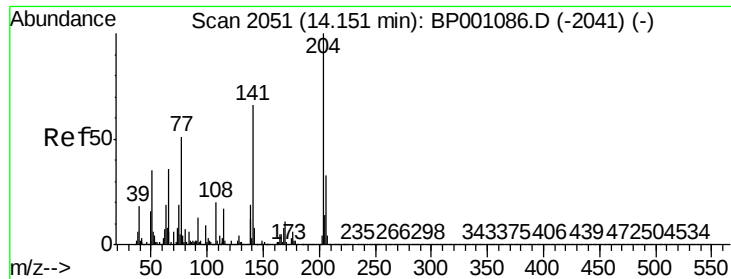
Tot Ion:	232	Resp:	59802
Ion	Ratio	Lower	Upper
232	100		
131	48.2	39.6	59.4
130	2.3	1.9	2.9
166	33.0	25.7	38.5



#60
Diethylphthalate
Concen: 11.530 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:	149	Resp:	277363
Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.0	25.6
150	13.0	9.9	14.9

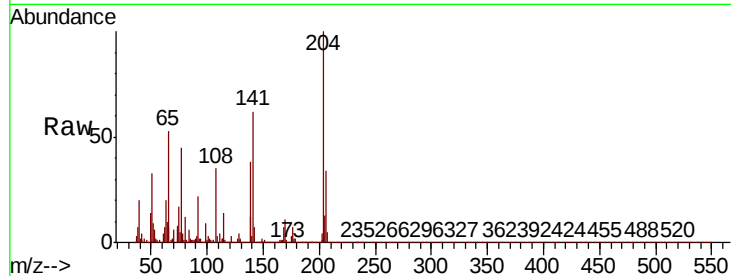




#61
4-Chlorophenyl-phenylether
Concen: 11.011 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.1	39.1
141	62.0	52.7	79.1

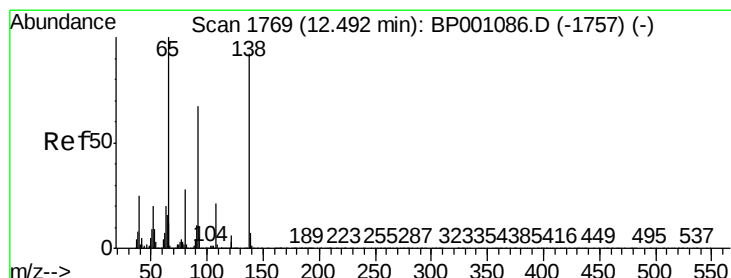
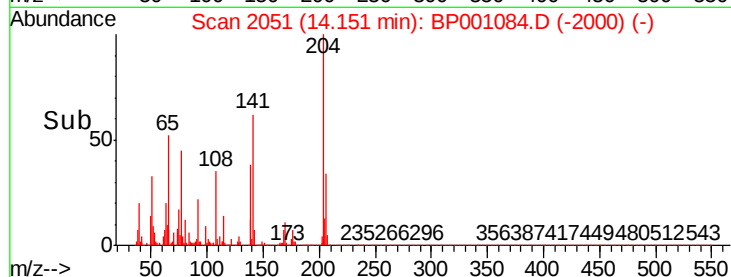
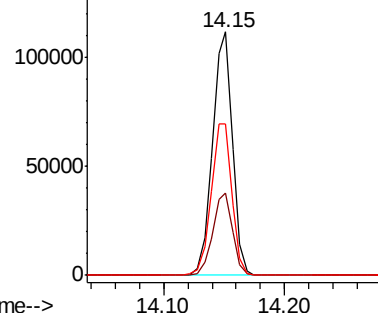


Abundance

Ion 204.00 (203.70 to 204.70): E

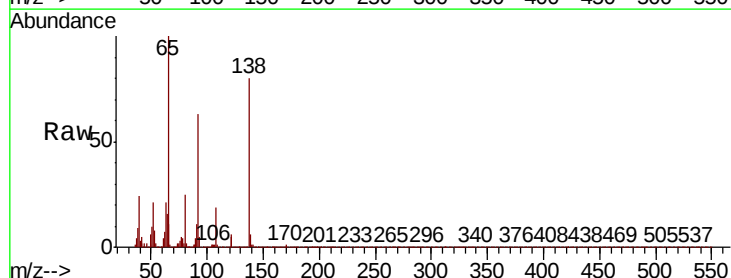
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 11.394 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	78.5	53.3	93.3
108	24.2	3.1	43.1

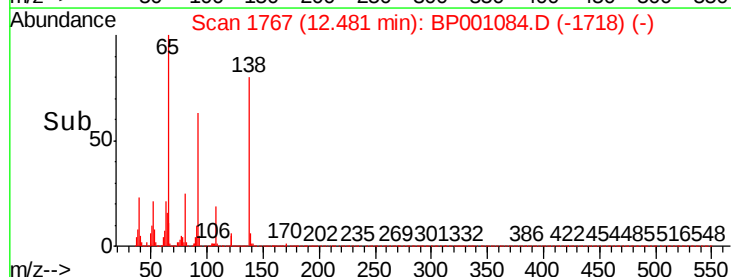
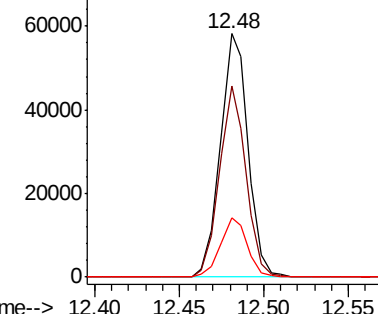


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

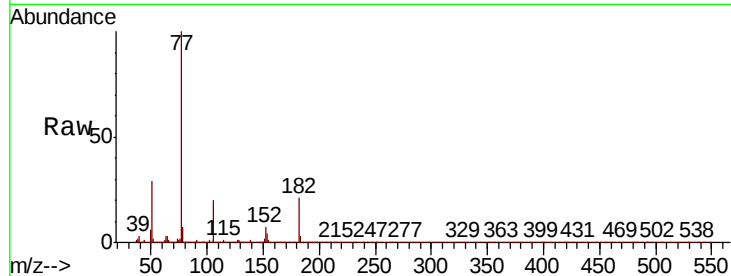




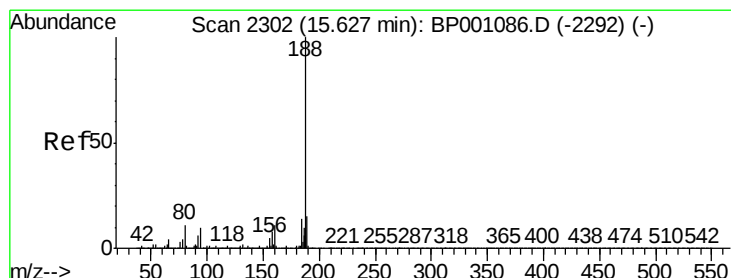
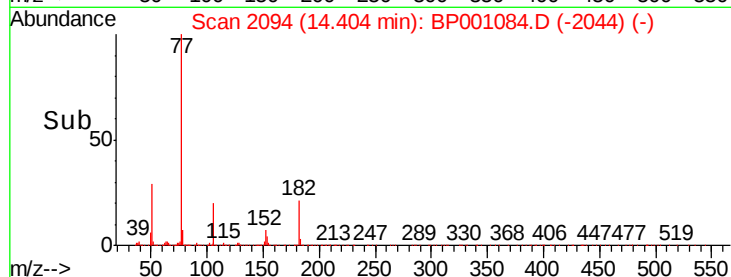
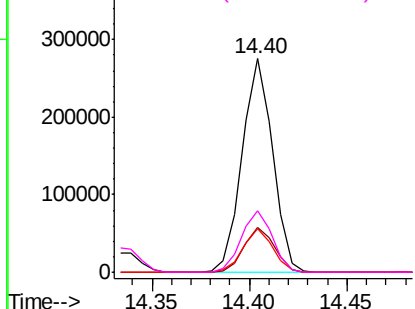
#63
Azobenzene
Concen: 14.171 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	298362
Ion	Ratio	Lower	Upper
77	100		
182	20.9	0.8	40.8
105	20.1	0.3	40.3
51	29.1	9.6	49.6

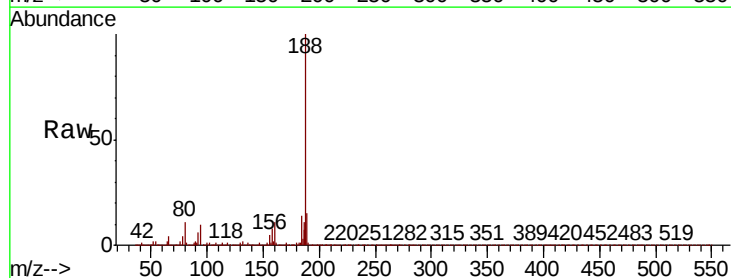


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

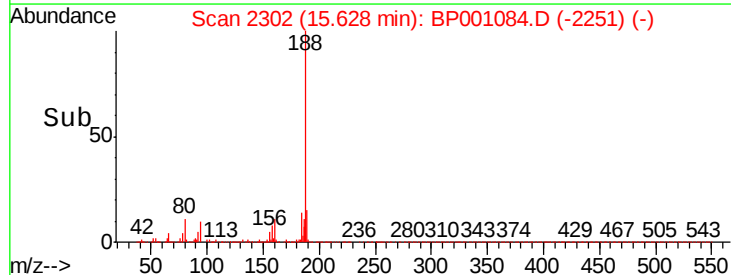
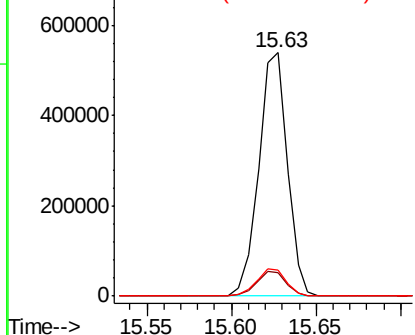


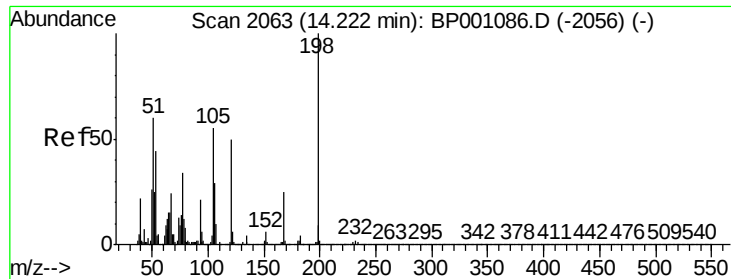
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:	188	Resp:	633810
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.9	8.8	13.2



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

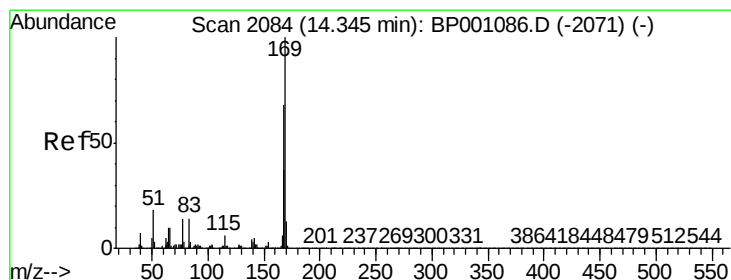
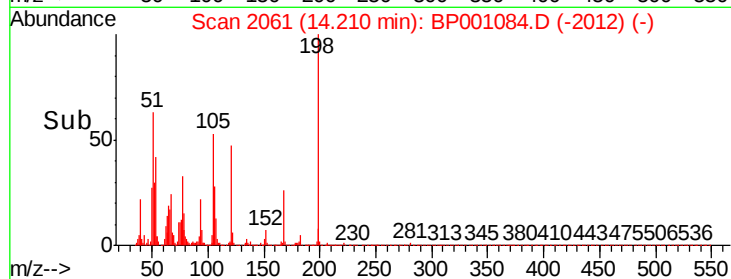
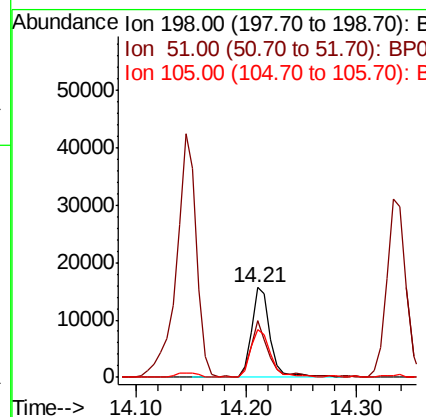
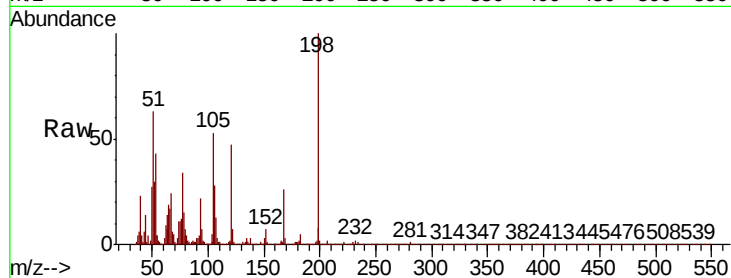




#65
4,6-Dinitro-2-methylphenol
Concen: 10.384 ng
RT: 14.21 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

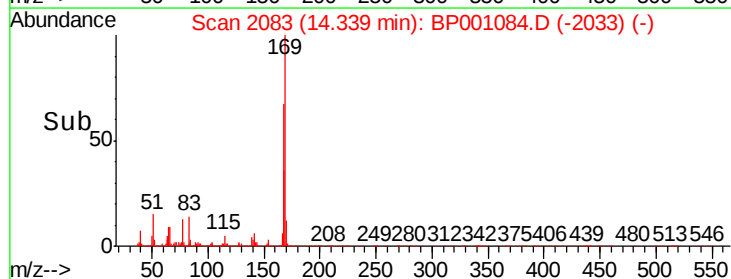
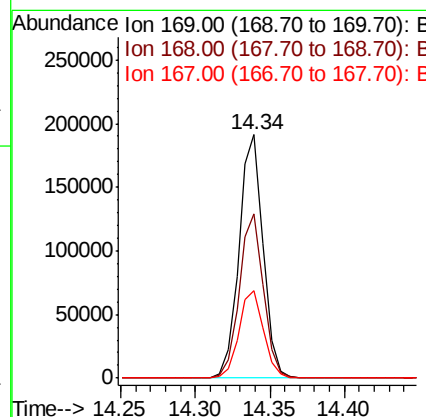
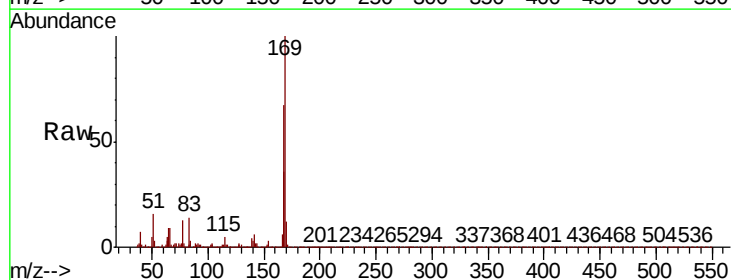
Instrument :
BNA_P
ClientSampleId :

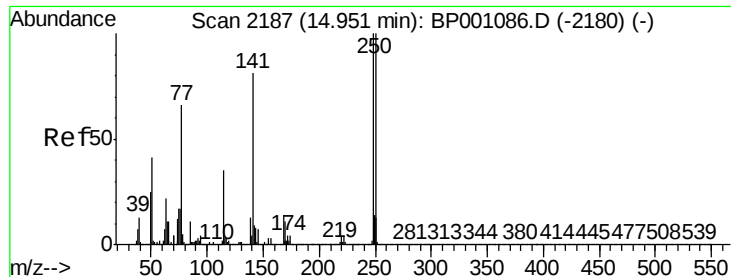
Tot Ion:198 Resp: 18569
Ion Ratio Lower Upper
198 100
51 63.4 40.5 80.5
105 53.4 35.7 75.7



#66
n-Nitrosodiphenylamine
Concen: 11.808 ng
RT: 14.34 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:169 Resp: 215188
Ion Ratio Lower Upper
169 100
168 67.4 54.1 81.1
167 35.9 29.5 44.3

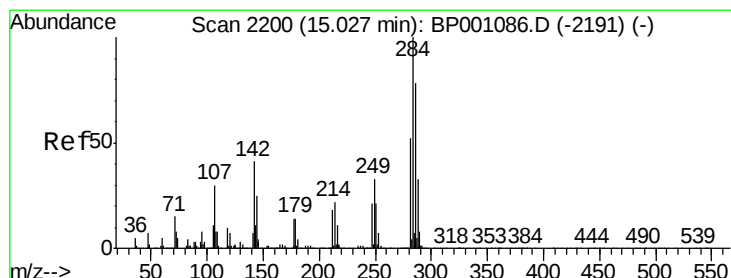
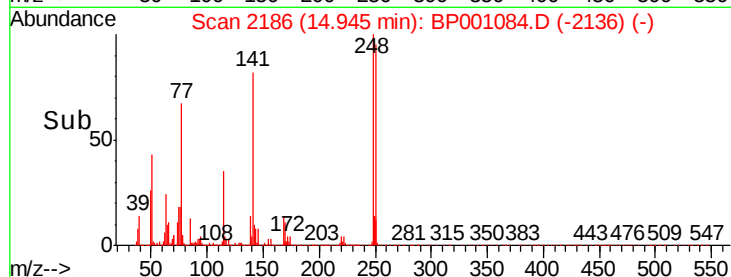
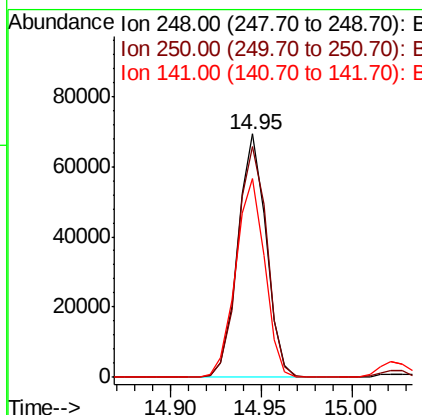
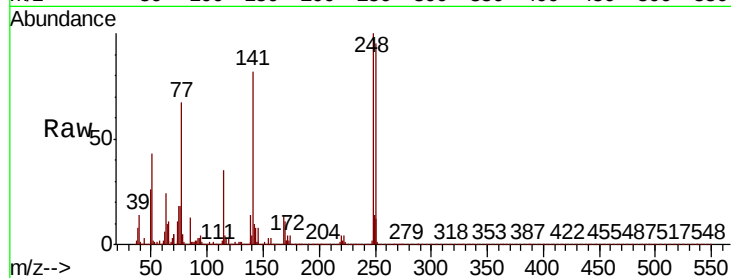




#67
4-Bromophenyl-phenylether
Concen: 10.073 ng
RT: 14.95 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

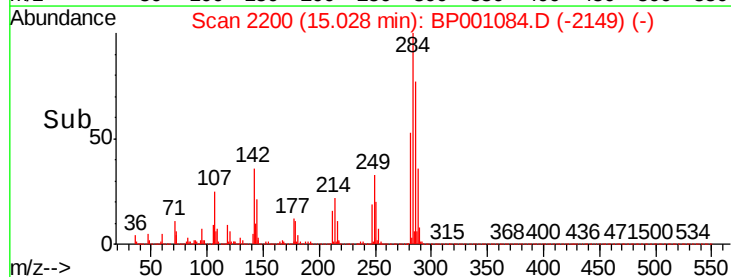
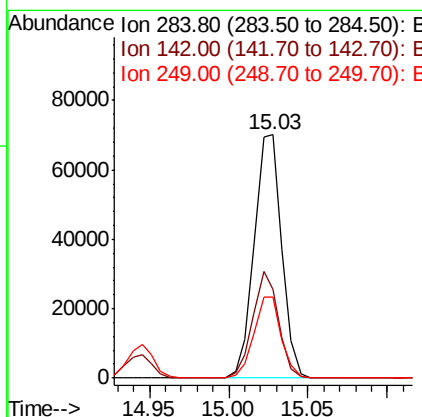
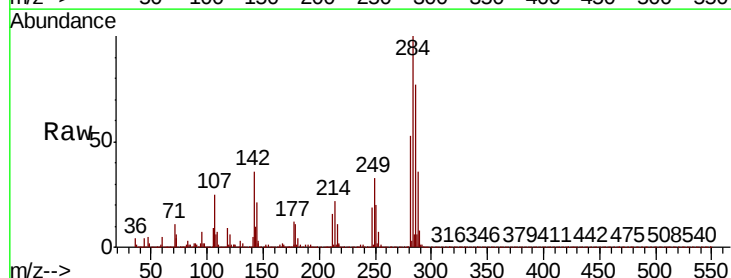
Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 75160
Ion Ratio Lower Upper
248 100
250 95.0 80.3 120.5
141 81.9 64.9 97.3



#68
Hexachlorobenzene
Concen: 9.794 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:284 Resp: 84686
Ion Ratio Lower Upper
284 100
142 36.2 33.2 49.8
249 33.1 26.2 39.4

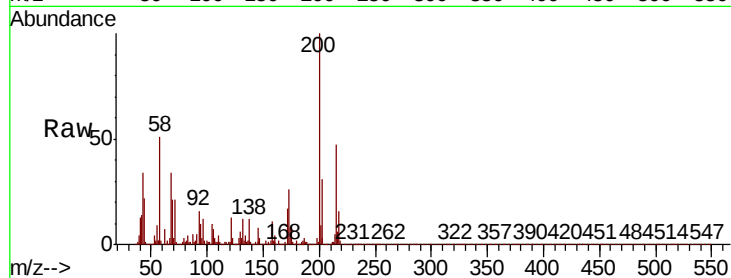




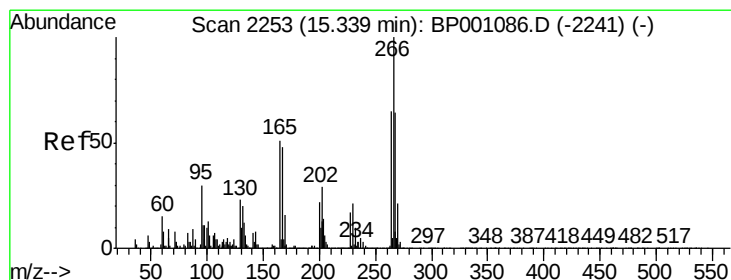
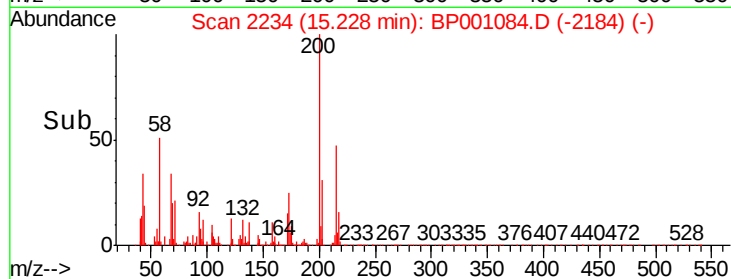
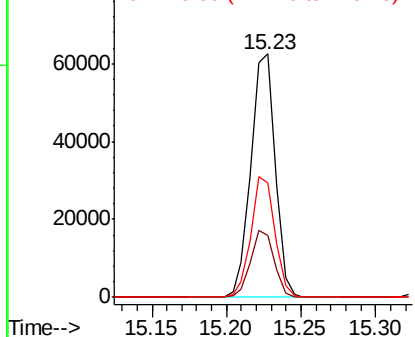
#69
Atrazine
Concen: 10.563 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:200 Resp: 70089
Ion Ratio Lower Upper
200 100
173 25.6 6.7 46.7
215 46.9 27.9 67.9

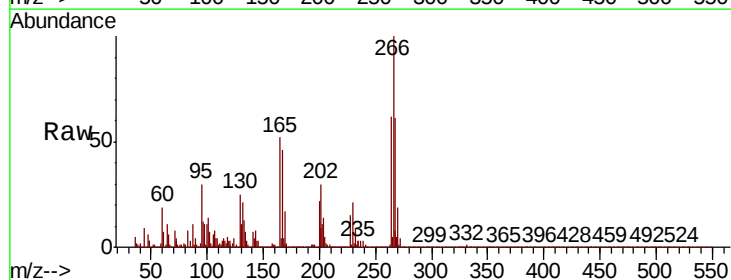


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

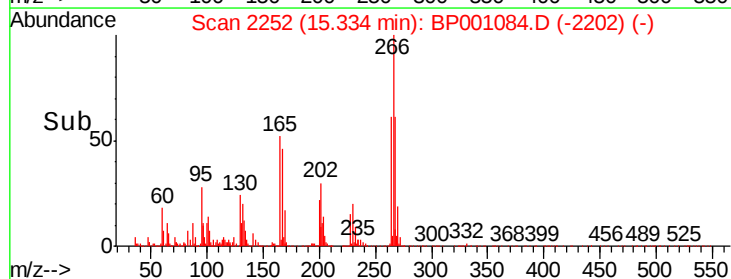
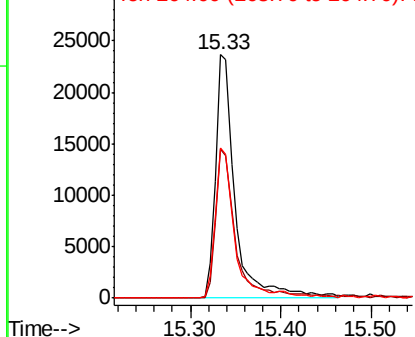


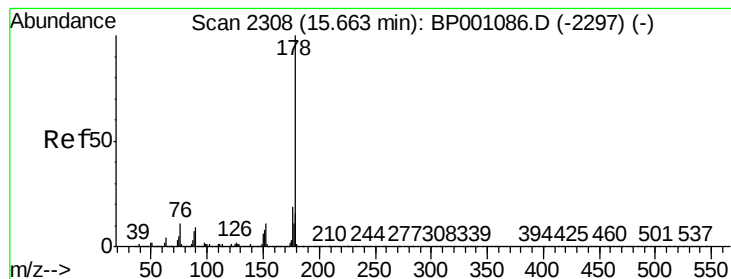
#70
Pentachlorophenol
Concen: 9.194 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:266 Resp: 35387
Ion Ratio Lower Upper
266 100
268 60.9 51.6 77.4
264 61.5 52.2 78.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.859 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

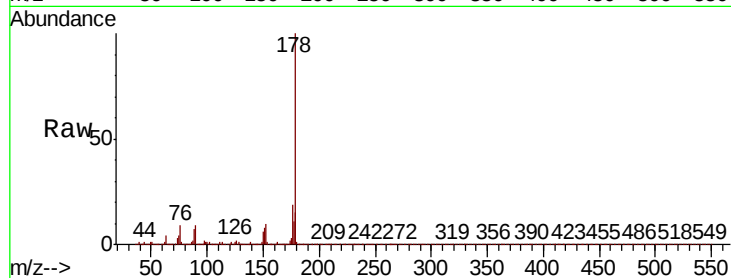
Tot Ion:178 Resp: 384694

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

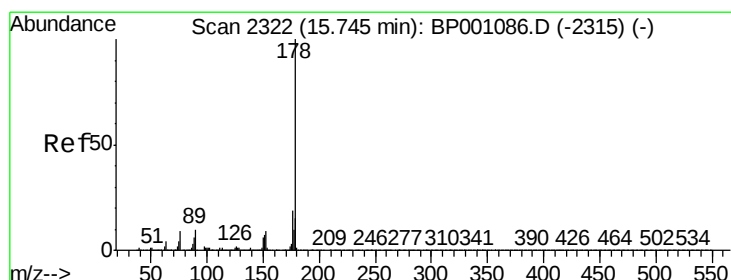
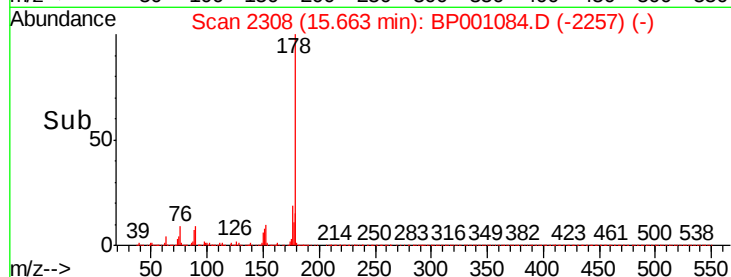
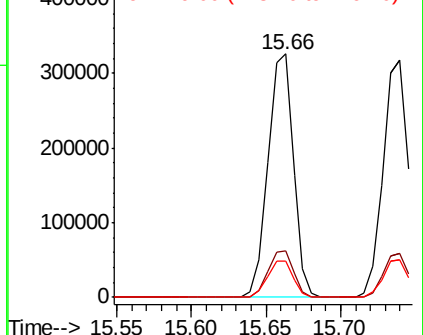
179 14.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 11.662 ng

RT: 15.74 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

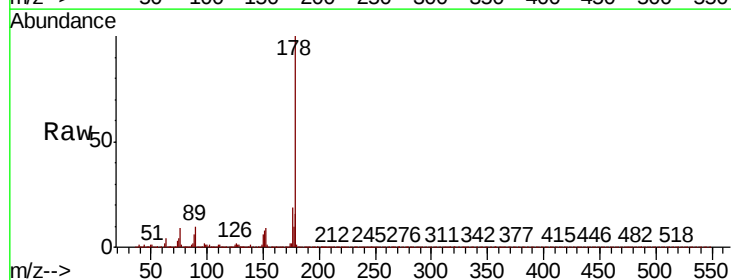
Tgt Ion:178 Resp: 369034

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

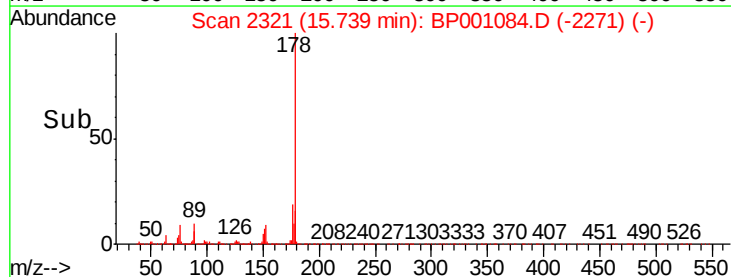
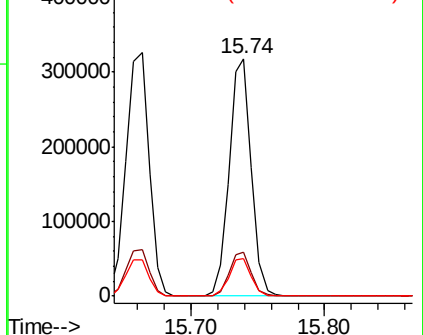
179 15.6 12.2 18.4

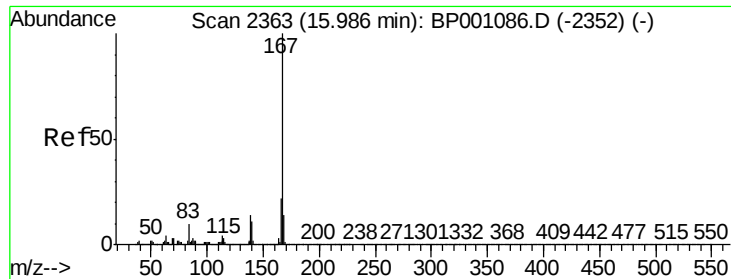


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

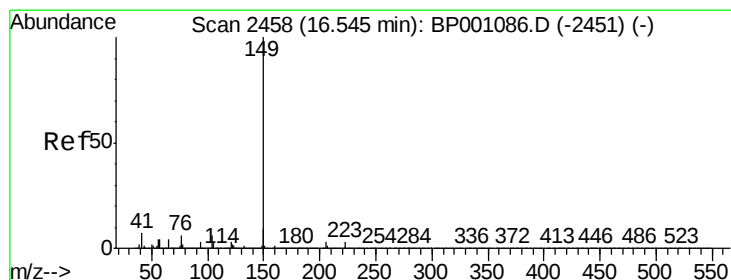
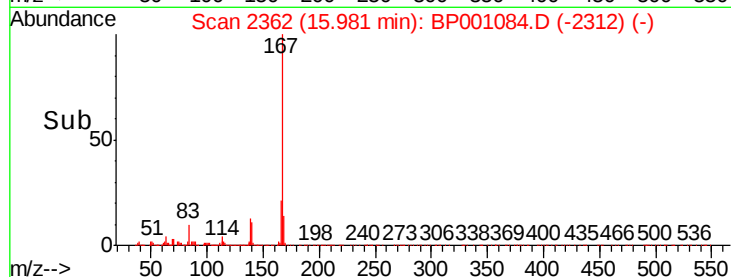
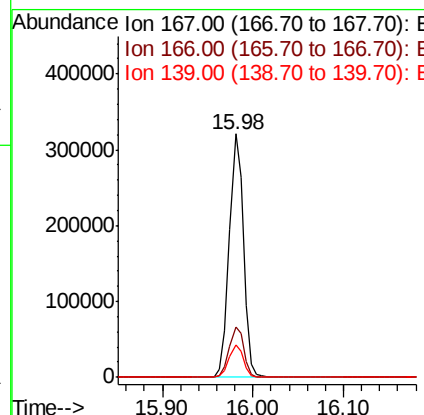
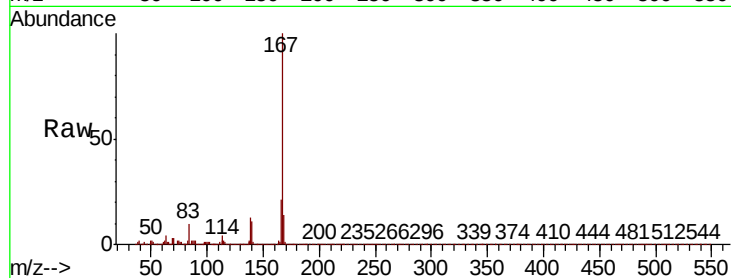




#73
 Carbazole
 Concen: 11.885 ng
 RT: 15.98 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BP001084.D
 Acq: 27 Nov 2019 12:16

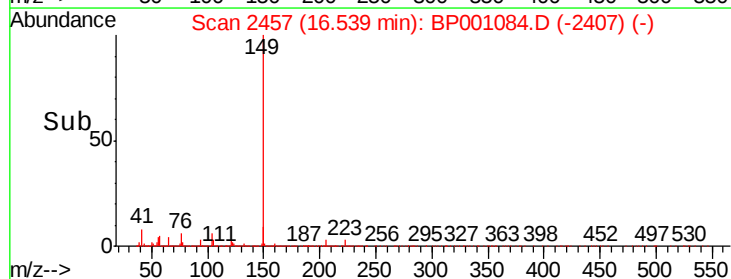
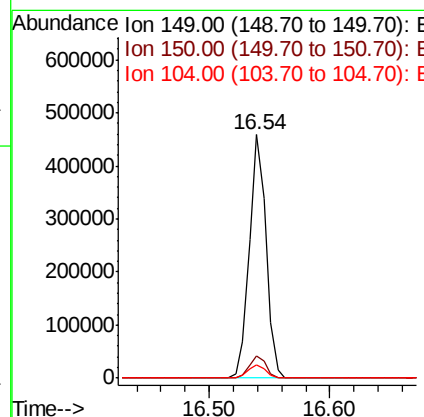
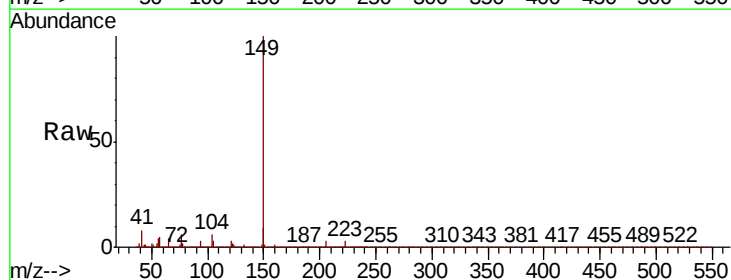
Instrument :
 BNA_P
 ClientSampleId :

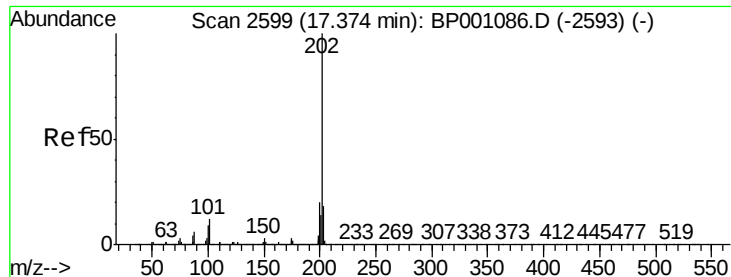
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	13.3	11.3	16.9



#74
 Di-n-butylphthalate
 Concen: 12.663 ng
 RT: 16.54 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BP001084.D
 Acq: 27 Nov 2019 12:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.7	4.6	6.8





#75

Fluoranthene

Concen: 11.283 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

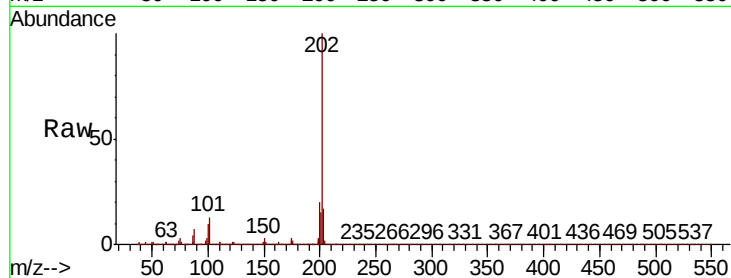
Tot Ion:202 Resp: 413702

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.1

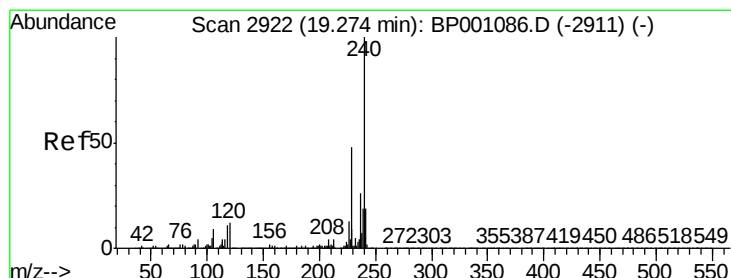
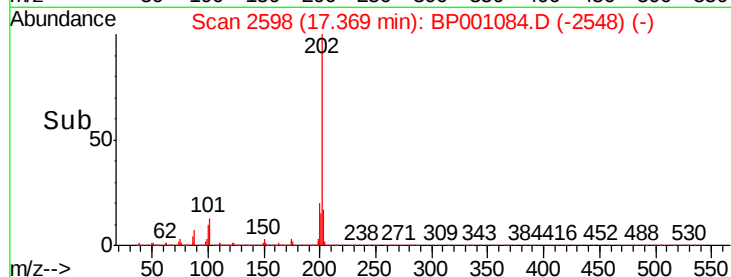
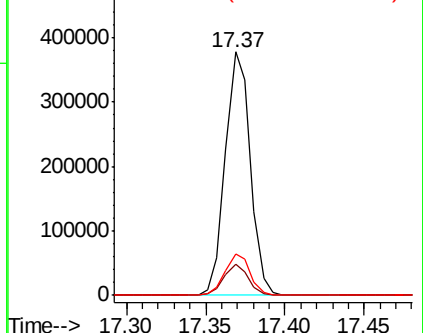
203 17.2 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

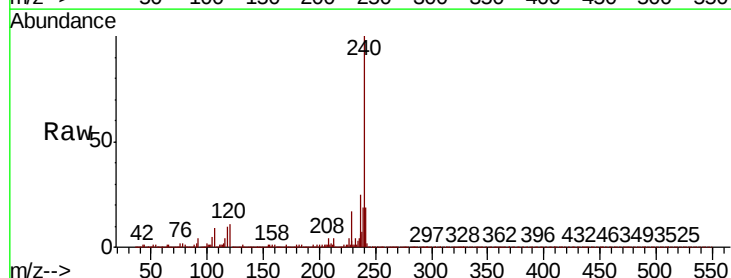
Tgt Ion:240 Resp: 527700

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

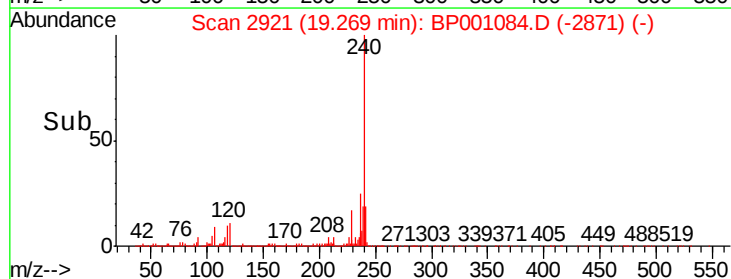
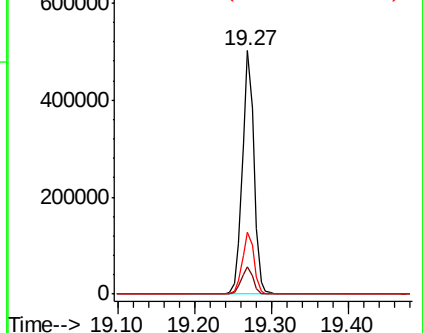
236 25.4 20.4 30.6

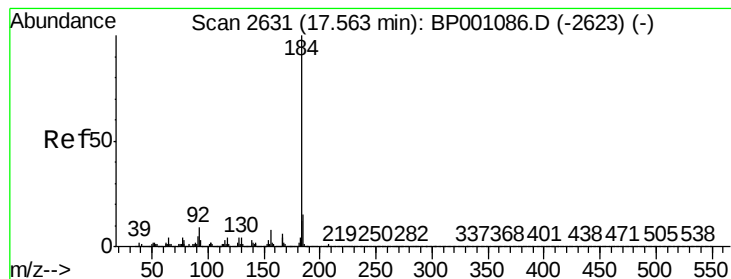


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.592 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

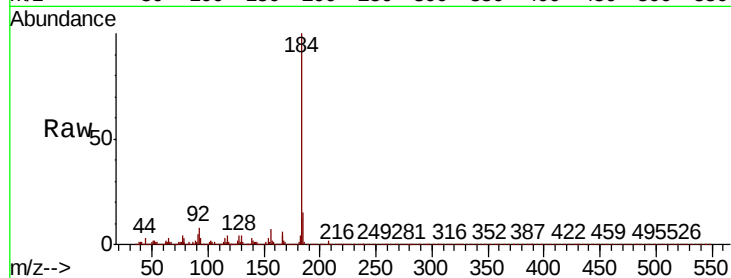
Tot Ion:184 Resp: 147540

Ion Ratio Lower Upper

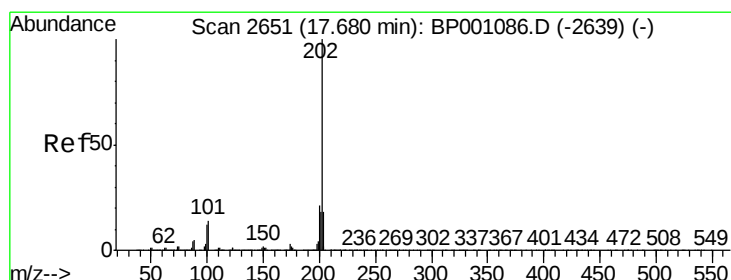
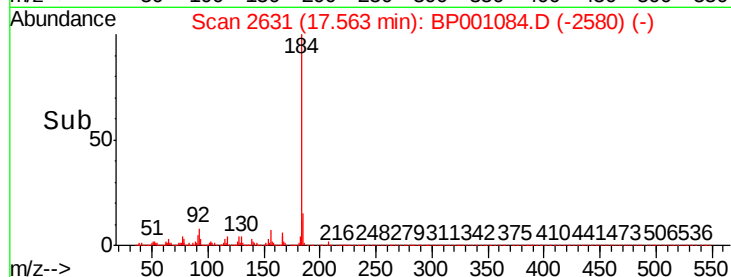
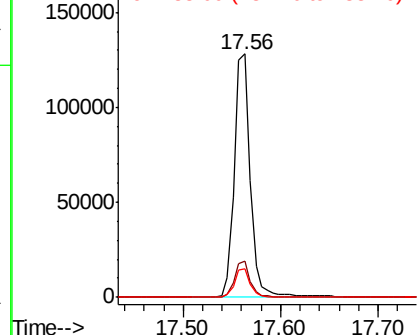
184 100

185 14.9 12.2 18.4

183 11.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 11.567 ng

RT: 17.67 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

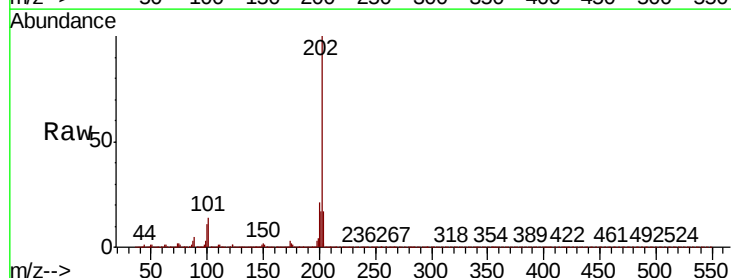
Tgt Ion:202 Resp: 431350

Ion Ratio Lower Upper

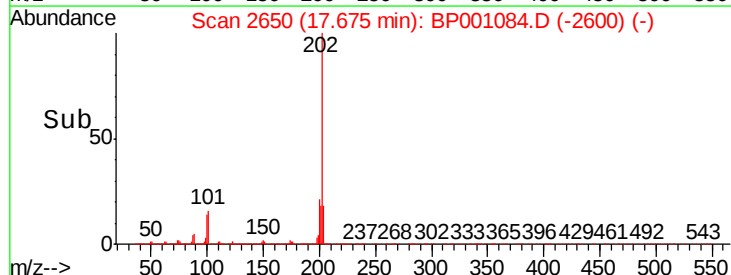
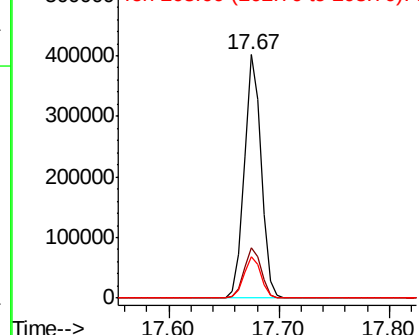
202 100

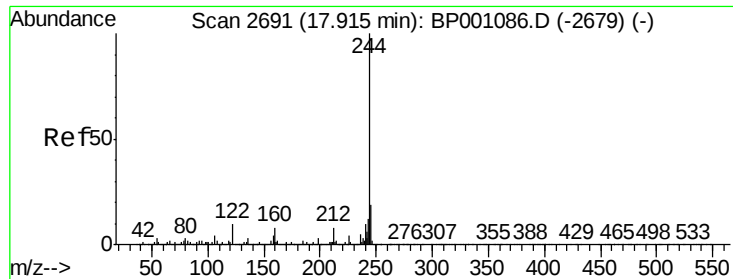
200 20.9 17.0 25.6

203 17.2 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.356 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

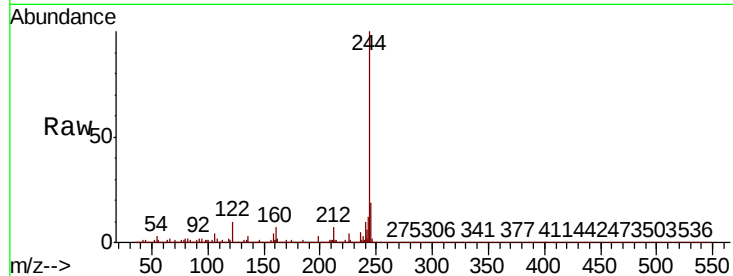
Tot Ion:244 Resp: 646129

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 9.8 8.2 12.2

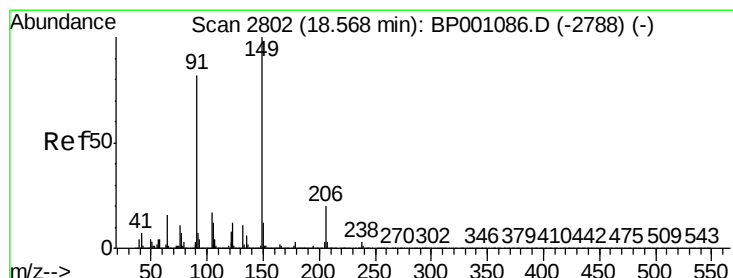
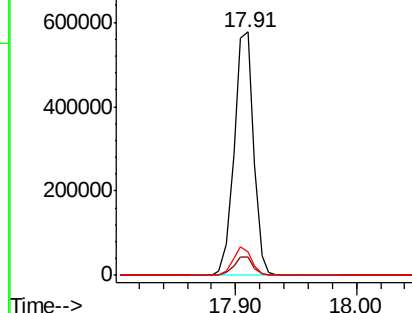
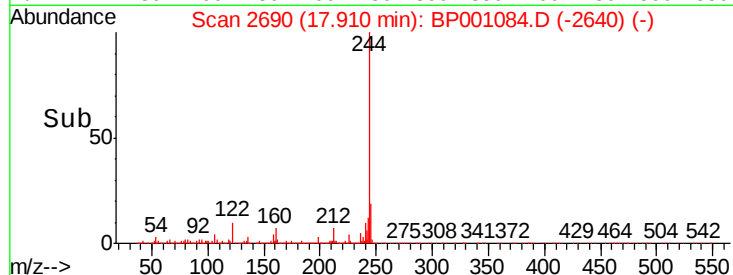


Abundance

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: 12.303 ng

RT: 18.56 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

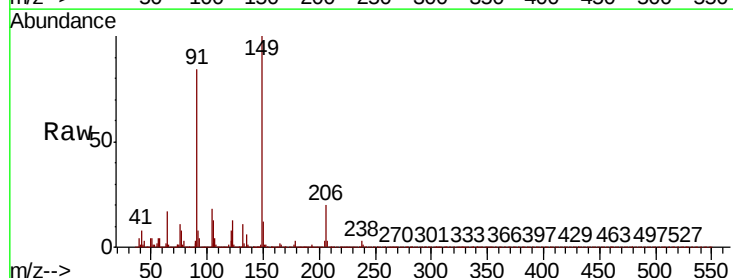
Tgt Ion:149 Resp: 181675

Ion Ratio Lower Upper

149 100

91 84.2 65.4 98.2

206 20.1 16.0 24.0

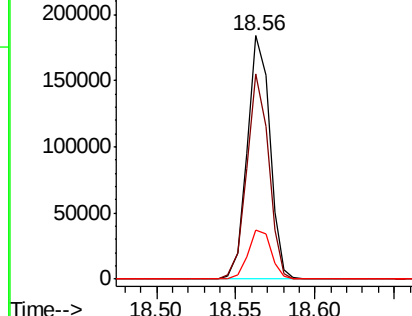
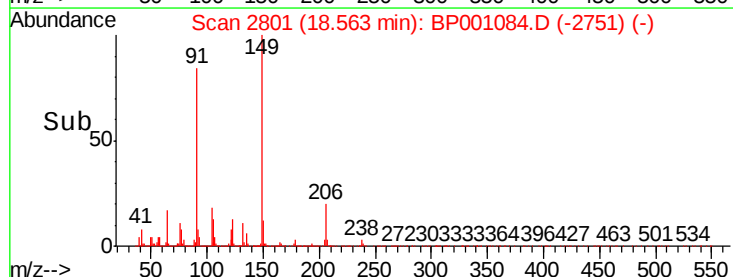


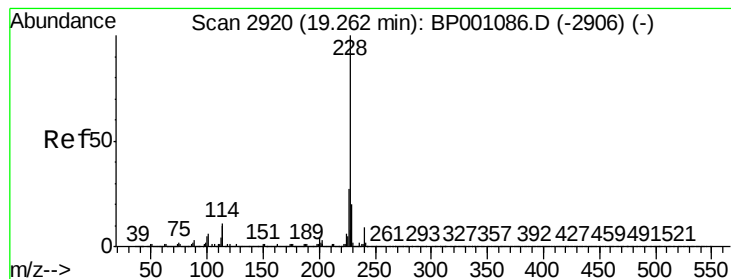
Abundance

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: 10.966 ng

RT: 19.26 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampled :

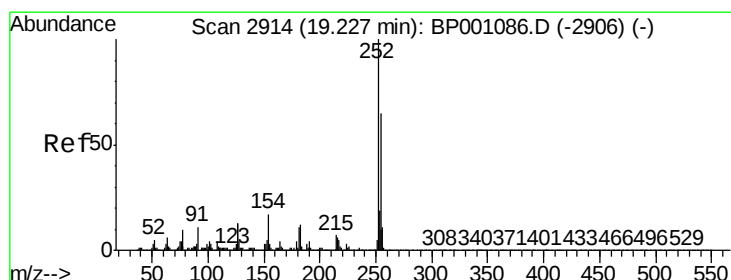
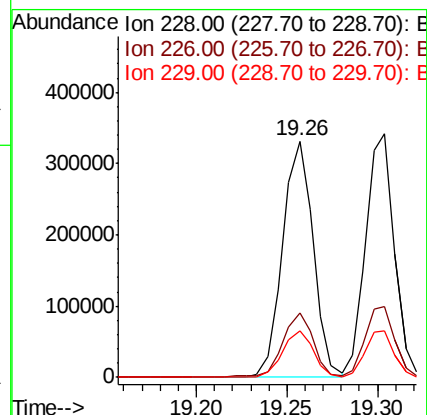
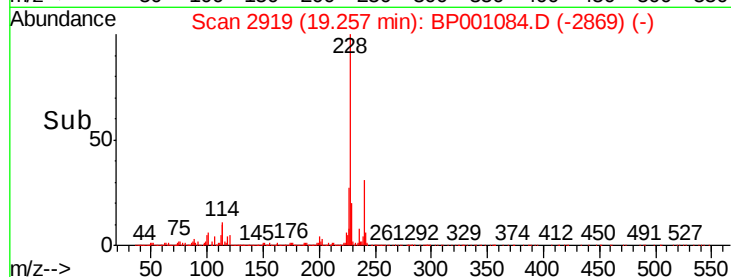
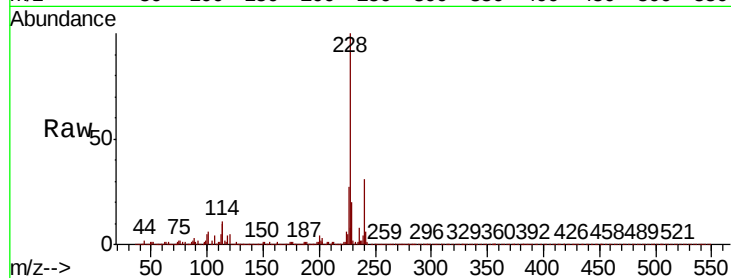
Tot Ion:228 Resp: 389744

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 10.027 ng

RT: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

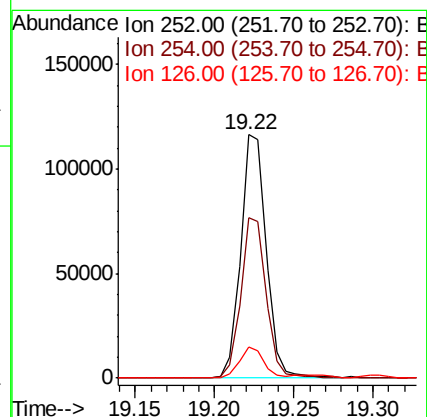
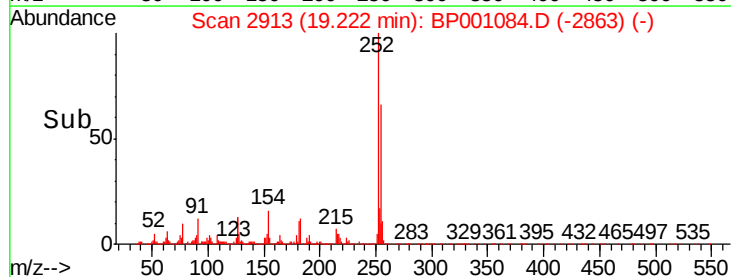
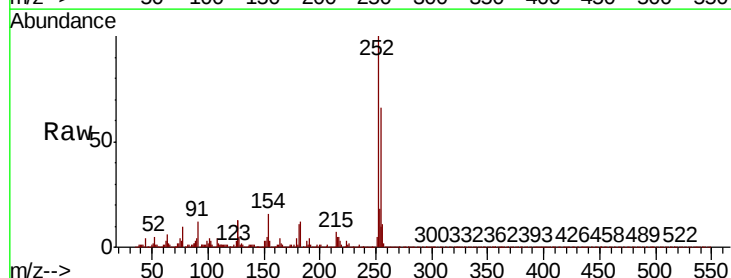
Tgt Ion:252 Resp: 129929

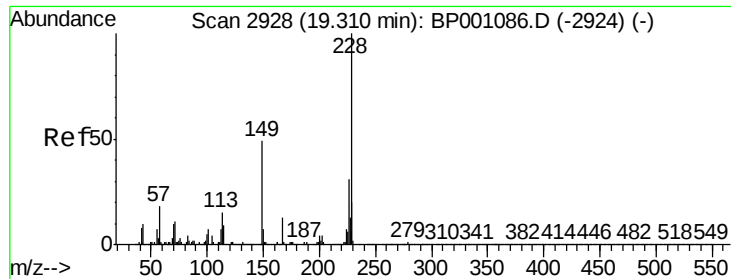
Ion Ratio Lower Upper

252 100

254 66.1 51.7 77.5

126 12.7 10.2 15.4





#83

Chrysene

Concen: 12.097 ng

RT: 19.30 min Scan# 2927

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

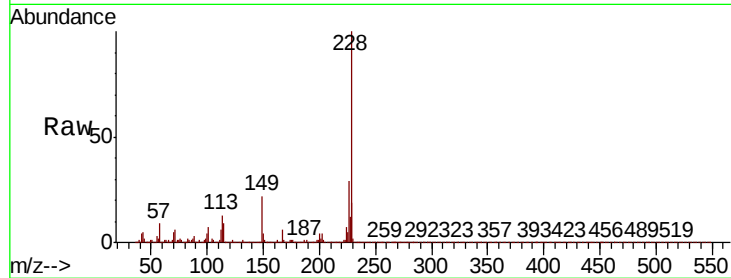
Tot Ion:228 Resp: 377439

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

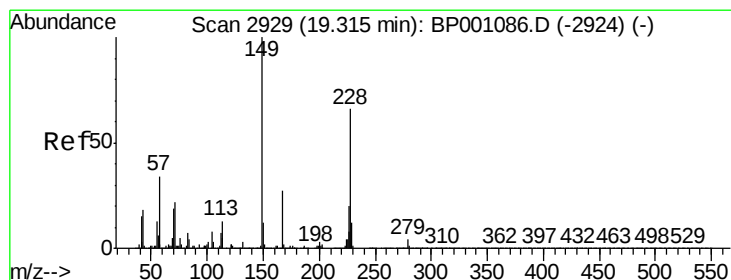
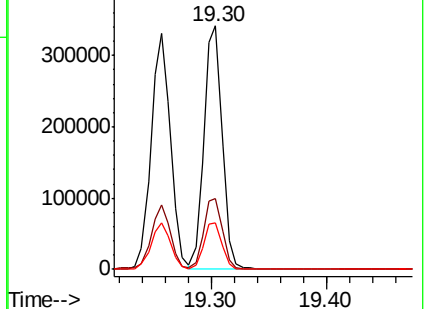
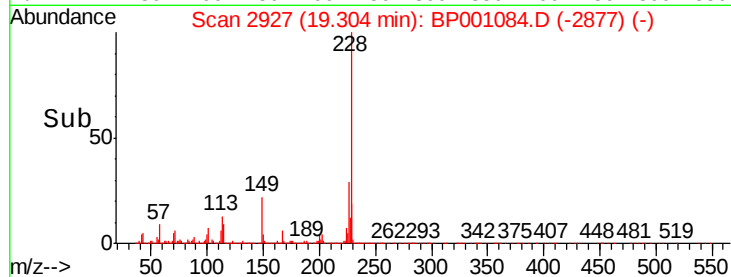
229 19.4 15.7 23.5



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: 15.501 ng

RT: 19.32 min Scan# 2929

Delta R.T. 0.00 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

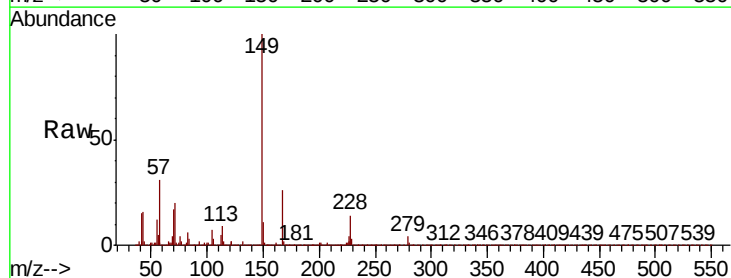
Tgt Ion:149 Resp: 291036

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

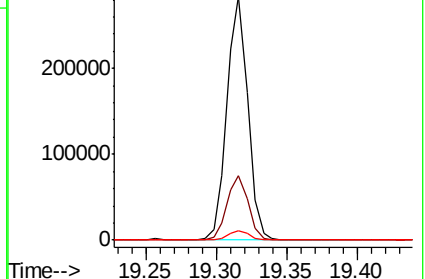
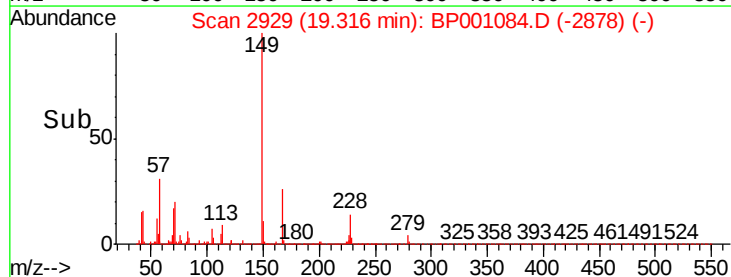
279 3.7 2.8 4.2

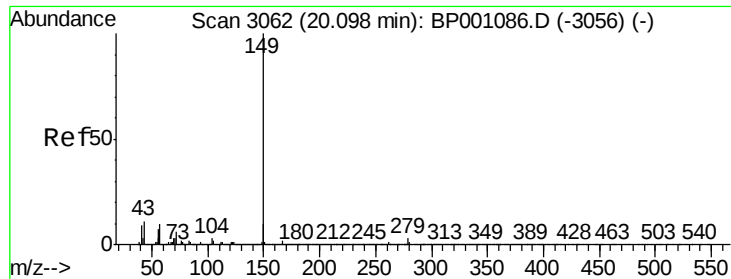


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 14.320 ng

RT: 20.10 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

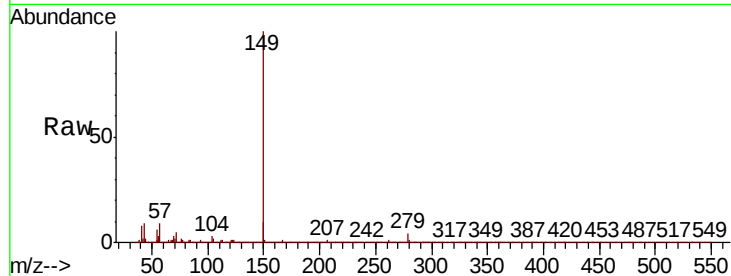
Tot Ion:149 Resp: 484028

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

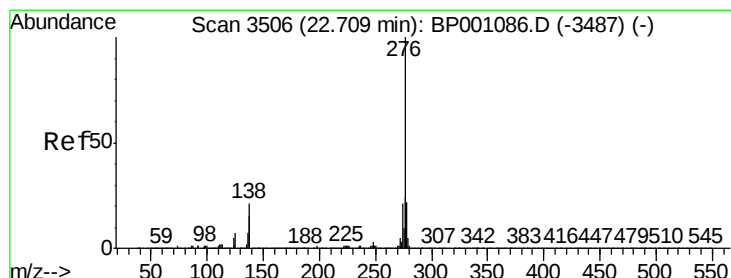
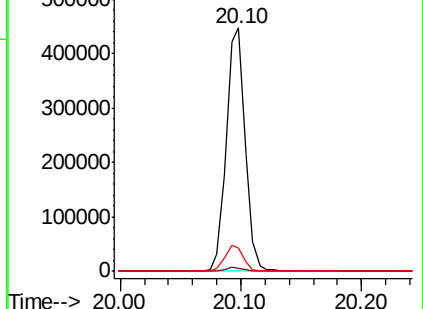
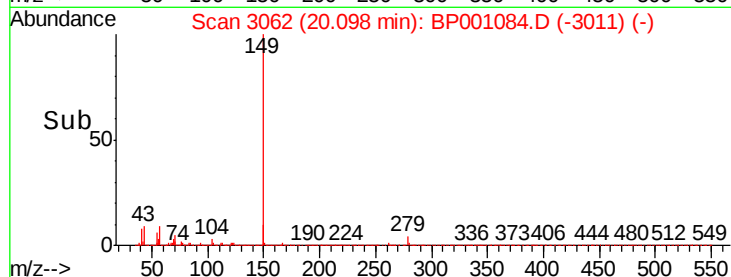
43 10.5 8.5 12.7



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: 9.251 ng

RT: 22.69 min Scan# 3503

Delta R.T. -0.02 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

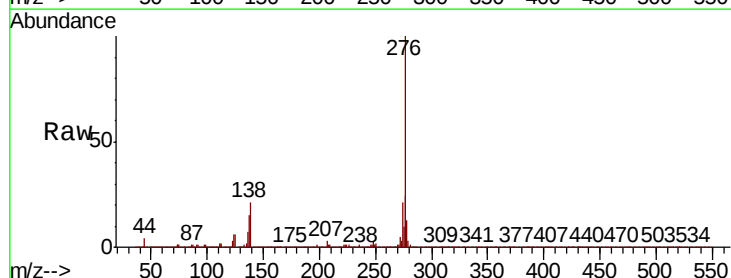
Tgt Ion:276 Resp: 394939

Ion Ratio Lower Upper

276 100

138 26.1 20.6 30.8

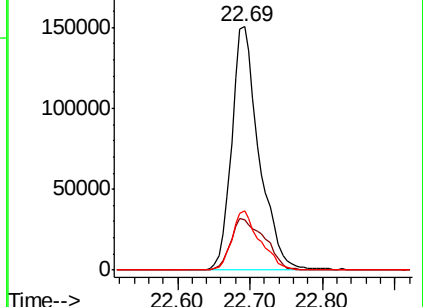
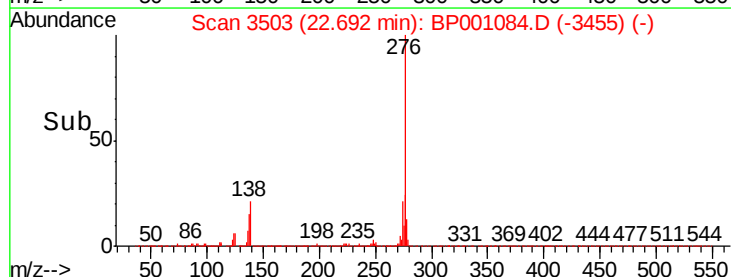
277 25.0 20.0 30.0

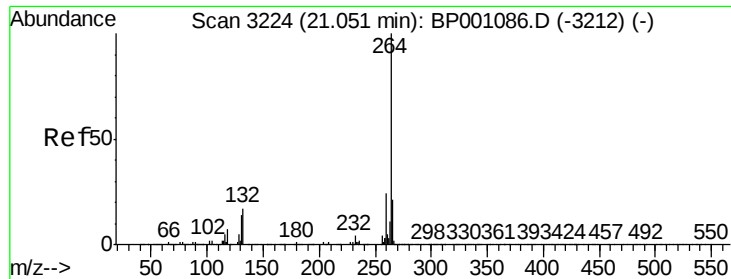


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



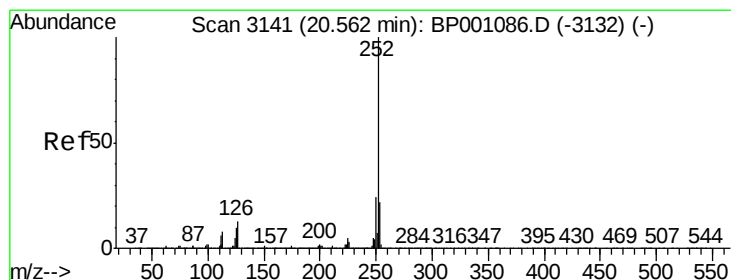
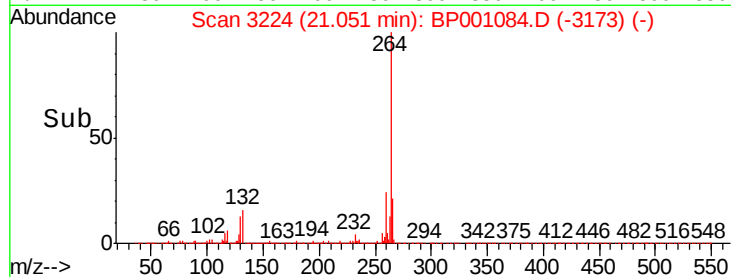
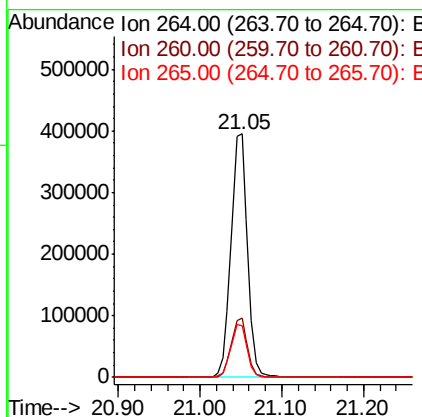
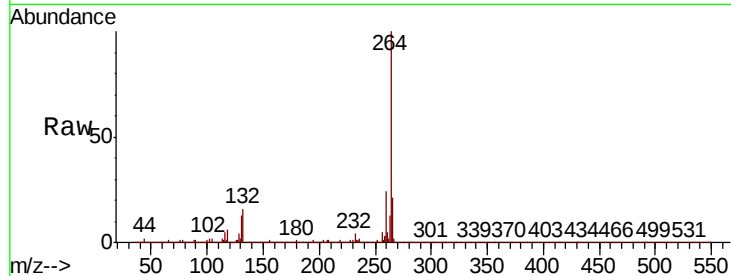


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Instrument :
BNA_P
ClientSampled :

Tot Ion:264 Resp: 556204

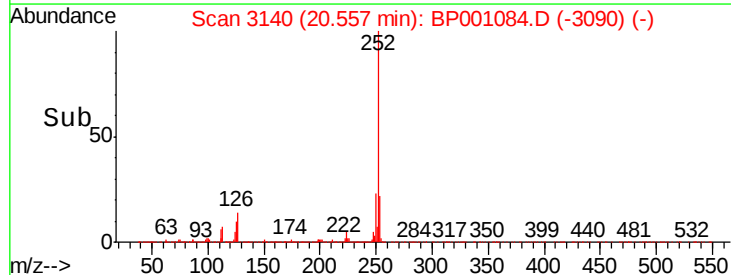
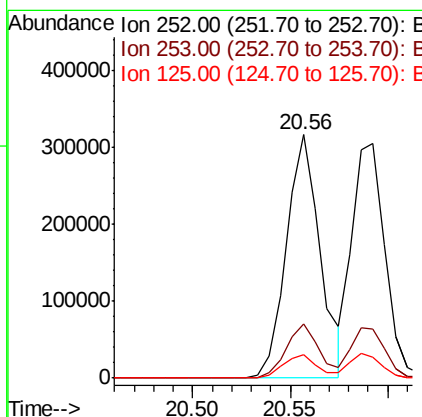
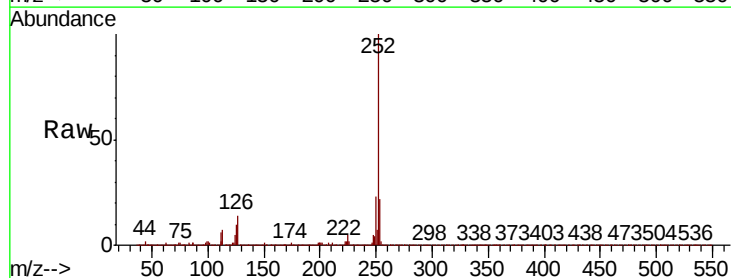
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.0	16.9	25.3

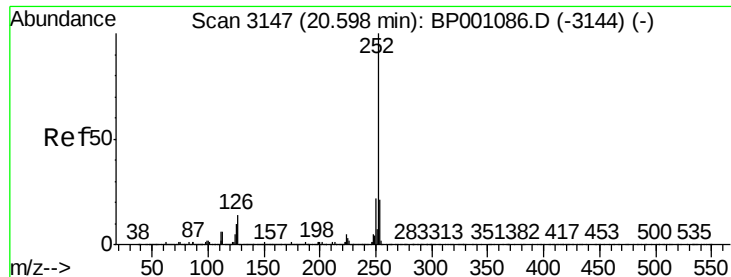


#88
Benzo(b)fluoranthene
Concen: 11.488 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BP001084.D
Acq: 27 Nov 2019 12:16

Tgt Ion:252 Resp: 380877

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	9.8	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 11.564 ng

RT: 20.59 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

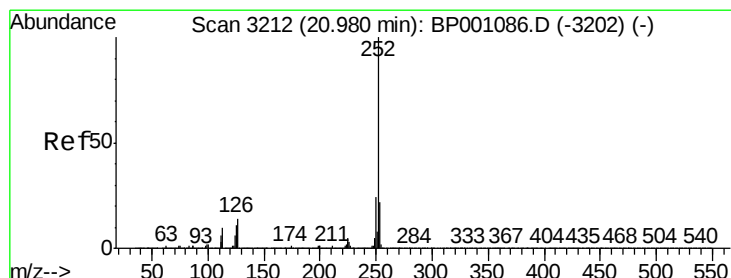
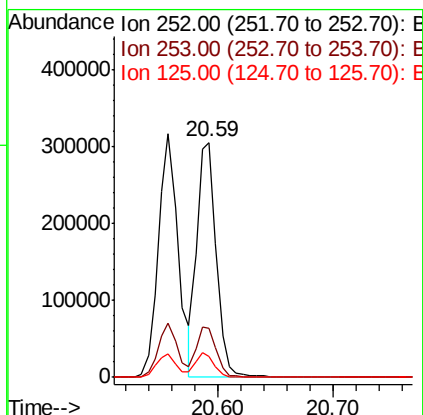
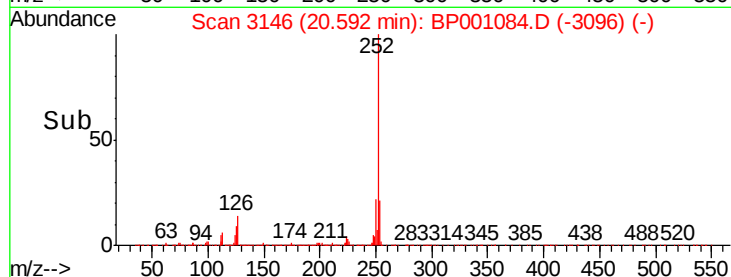
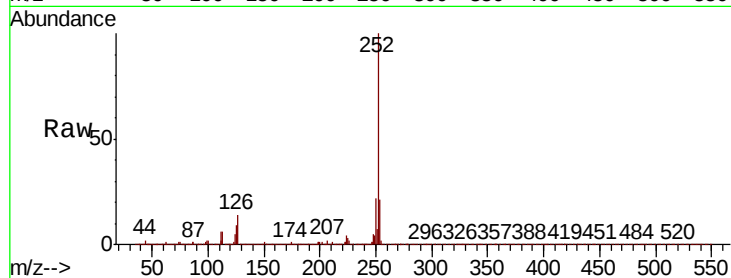
Tot Ion:252 Resp: 360896

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 9.1 8.2 12.2



#90

Benzo(a)pyrene

Concen: 11.075 ng

RT: 20.97 min Scan# 3211

Delta R.T. -0.01 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

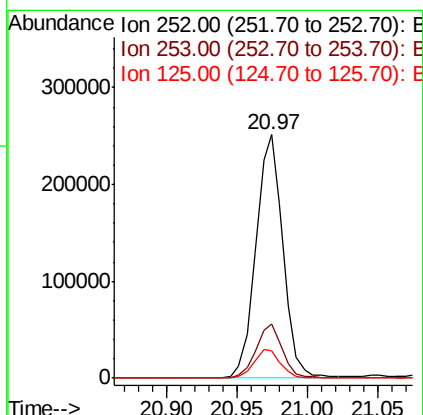
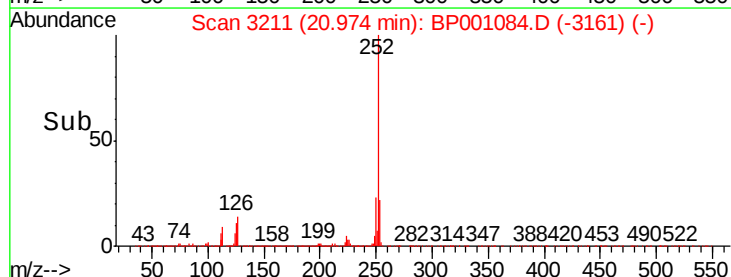
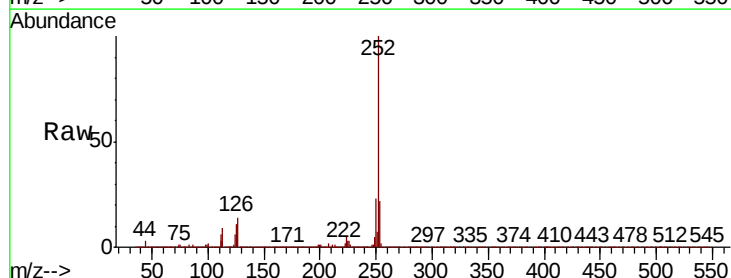
Tgt Ion:252 Resp: 337646

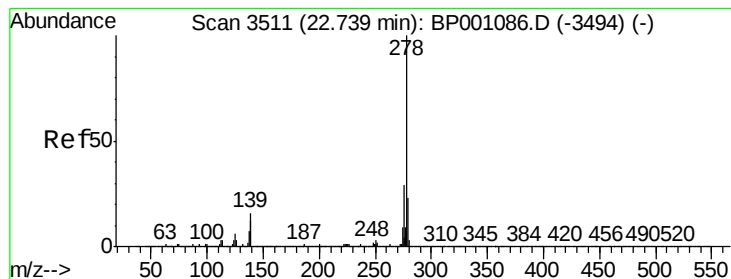
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 11.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 10.617 ng

RT: 22.72 min Scan# 3508

Delta R.T. -0.02 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

Instrument :

BNA_P

ClientSampleId :

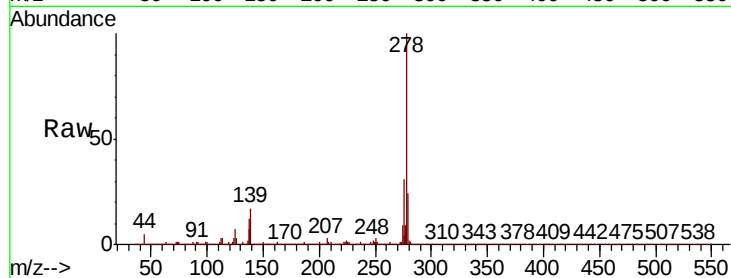
Tot Ion:278 Resp: 330346

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.4

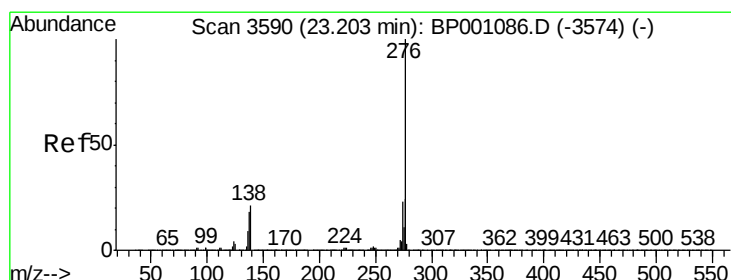
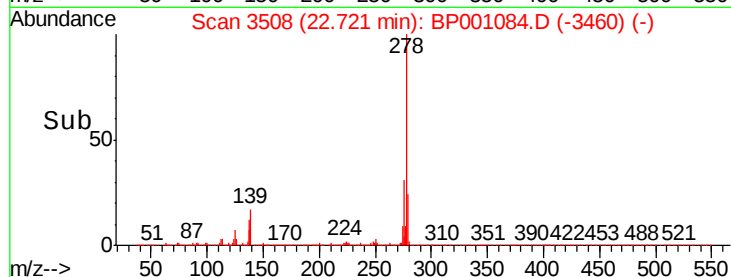
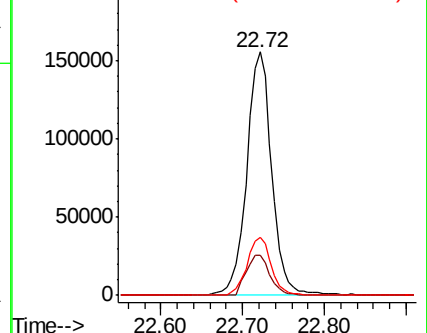
279 23.9 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 10.141 ng

RT: 23.18 min Scan# 3586

Delta R.T. -0.02 min

Lab File: BP001084.D

Acq: 27 Nov 2019 12:16

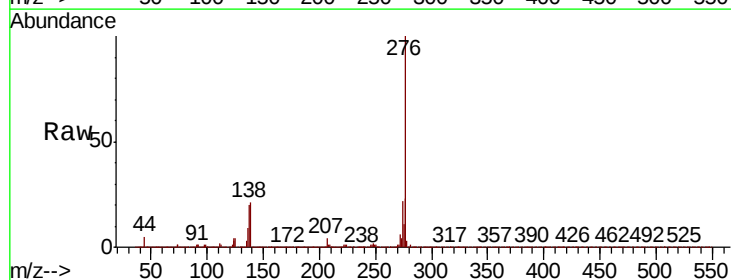
Tgt Ion:276 Resp: 317714

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 21.3 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

