

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001217.D
 Acq On : 05 Dec 2019 17:58
 Operator : JU
 Sample : K6119-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 06:05:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	87267	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	319241	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	181042	20.00	ng	0.00
64) Phenanthrene-d10	15.61	188	360670	20.00	ng	0.00
76) Chrysene-d12	19.25	240	280800	20.00	ng	0.00
87) Perylene-d12	21.02	264	297260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	609605	115.90	ng	0.02
7) Phenol-d6	7.77	99	846638	120.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	570801	77.57	ng	0.00
42) 2,4,6-Tribromophenol	14.51	330	227157	130.90	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	958498	77.49	ng	0.00
79) Terphenyl-d14	17.89	244	1175362	77.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	104781	42.648	ng	99
3) Pyridine	3.45	79	257649	37.792	ng	95
4) n-Nitrosodimethylamine	3.37	42	168481	57.110	ng	88
6) Aniline	7.79	93	247548	26.643	ng	# 23
8) 2-Chlorophenol	7.98	128	271787	49.941	ng	99
9) Benzaldehyde	7.61	77	123848	28.002	ng	97
10) Phenol	7.79	94	405865	50.918	ng	94
11) bis(2-Chloroethyl)ether	7.92	93	286642	46.181	ng	97
12) 1,3-Dichlorobenzene	8.22	146	304889	47.267	ng	99
13) 1,4-Dichlorobenzene	8.34	146	310867	47.841	ng	99
14) 1,2-Dichlorobenzene	8.58	146	292582	47.844	ng	98
15) Benzyl Alcohol	8.55	79	304827	52.992	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.78	45	449201	45.015	ng	99
17) 2-Methylphenol	8.74	107	240015	48.079	ng	99
18) Hexachloroethane	9.12	117	128665	47.866	ng	95
19) n-Nitroso-di-n-propylamine	8.99	70	239770	47.418	ng	97
20) 3+4-Methylphenols	8.98	107	309655	49.208	ng	99
22) Acetophenone	8.96	105	452590	48.236	ng	# 99
24) Nitrobenzene	9.23	77	367308	50.200	ng	100
25) Isophorone	9.62	82	647429	49.067	ng	100
26) 2-Nitrophenol	9.74	139	138328	51.614	ng	97
27) 2,4-Dimethylphenol	9.83	122	249141	58.688	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	366874	44.316	ng	99
29) 2,4-Dichlorophenol	10.13	162	243519	50.400	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	270583	47.947	ng	99
31) Naphthalene	10.39	128	782801	48.012	ng	99
32) Benzoic acid	10.02	122	161489	52.618	ng	96
33) 4-Chloroaniline	10.48	127	81301	11.491	ng	99
34) Hexachlorobutadiene	10.60	225	174288	49.094	ng	97
35) Caprolactam	11.06	113	54331	32.627	ng	95
36) 4-Chloro-3-methylphenol	11.29	107	293455	51.227	ng	98
37) 2-Methylnaphthalene	11.52	142	544129	48.909	ng	99
38) 1-Methylnaphthalene	11.68	142	512095	48.727	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	276467	48.457	ng	98

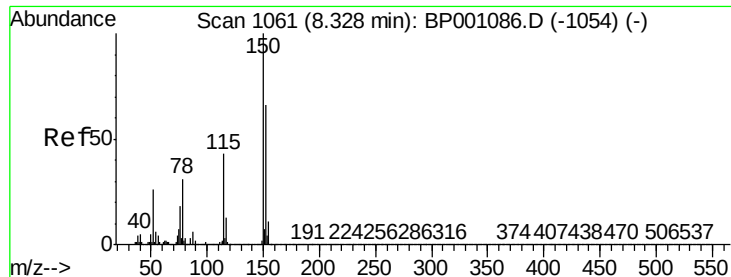
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
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 QLast Update : Thu Dec 05 12:34:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	324736	123.376	ng	99
43) 2,4,6-Trichlorophenol	11.98	196	185679	49.843	ng	99
44) 2,4,5-Trichlorophenol	12.04	196	195231	50.580	ng	94
46) 1,1'-Biphenyl	12.29	154	677775	48.442	ng	99
47) 2-Chloronaphthalene	12.30	162	530257	47.445	ng	99
48) 2-Nitroaniline	12.48	65	215230	49.137	ng	98
49) Acenaphthylene	12.98	152	842235	50.275	ng	99
50) Dimethylphthalate	12.81	163	737227	54.447	ng	99
51) 2,6-Dinitrotoluene	12.89	165	142691	49.229	ng	96
52) Acenaphthene	13.27	154	486719	48.299	ng	98
53) 3-Nitroaniline	13.15	138	72254	22.191	ng	98
54) 2,4-Dinitrophenol	13.33	184	109247	91.185	ng	91
55) Dibenzofuran	13.55	168	753271	49.744	ng	98
56) 4-Nitrophenol	13.45	139	237609	102.986	ng	96
57) 2,4-Dinitrotoluene	13.55	165	190639	52.472	ng	96
58) Fluorene	14.12	166	606464	49.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	161752	50.980	ng	97
60) Diethylphthalate	13.97	149	669054	47.721	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	301770	48.839	ng	99
62) 4-Nitroaniline	12.48	138	170931	45.280	ng	95
63) Azobenzene	14.39	77	743673	49.073	ng	98
65) 4,6-Dinitro-2-methylphenol	14.21	198	78992	50.665	ng	94
66) n-Nitrosodiphenylamine	14.33	169	524758	47.885	ng	97
67) 4-Bromophenyl-phenylether	14.93	248	180930	46.207	ng	97
68) Hexachlorobenzene	15.01	284	197995	45.994	ng	99
69) Atrazine	15.22	200	171979	51.398	ng	99
70) Pentachlorophenol	15.33	266	243346	108.459	ng	100
71) Phenanthrene	15.65	178	921294	48.587	ng	99
72) Anthracene	15.72	178	945709	50.601	ng	99
73) Carbazole	15.97	167	845257	49.702	ng	99
74) Di-n-butylphthalate	16.52	149	1081090	47.280	ng	99
75) Fluoranthene	17.36	202	1017549	50.690	ng	99
77) Benzidine	17.55	184	312259	43.070	ng	98
78) Pyrene	17.66	202	1041932	47.111	ng	100
80) Butylbenzylphthalate	18.55	149	477767	46.770	ng	99
81) Benzo(a)anthracene	19.24	228	921776	47.346	ng	99
82) 3,3'-Dichlorobenzidine	19.21	252	239974	37.311	ng	96
83) Chrysene	19.29	228	864004	49.559	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	644554	45.893	ng	99
85) Di-n-octyl phthalate	20.07	149	1136252	45.543	ng	100
86) Indeno(1,2,3-cd)pyrene	22.67	276	973761	47.394	ng	99
88) Benzo(b)fluoranthene	20.54	252	896743	49.389	ng	98
89) Benzo(k)fluoranthene	20.57	252	849615	48.584	ng	99
90) Benzo(a)pyrene	20.96	252	844344	50.487	ng	98
91) Dibenzo(a,h)anthracene	22.70	278	806130	49.255	ng	98
92) Benzo(g,h,i)perylene	23.16	276	796289	49.273	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BP001217.D

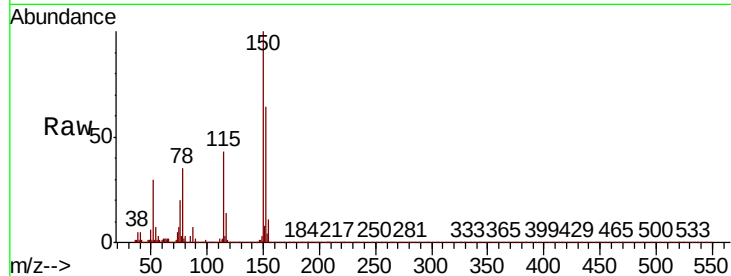
Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

Tot Ion:	152	Resp:	87267
Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.3	190.9
115	66.9	56.0	84.0

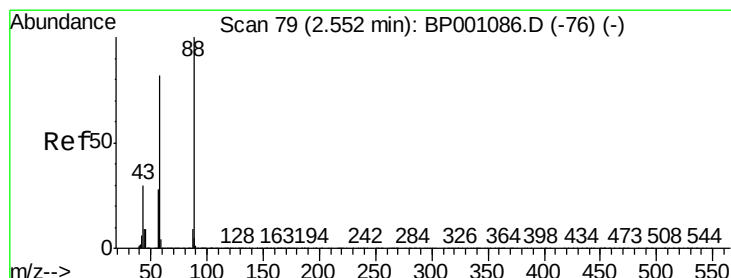
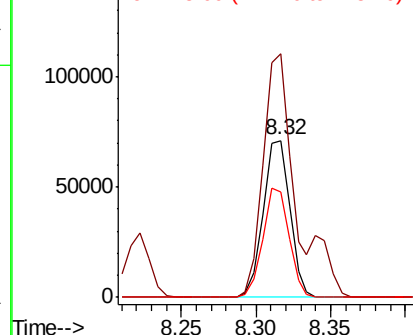
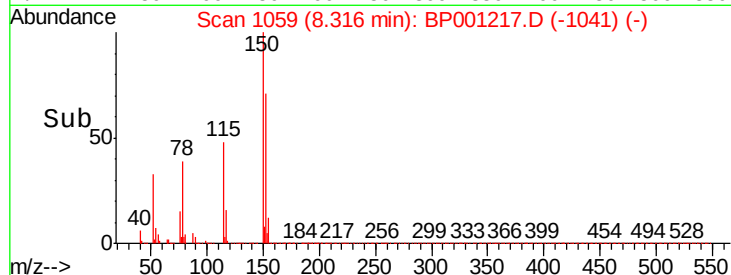


Abundance

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: 42.648 ng

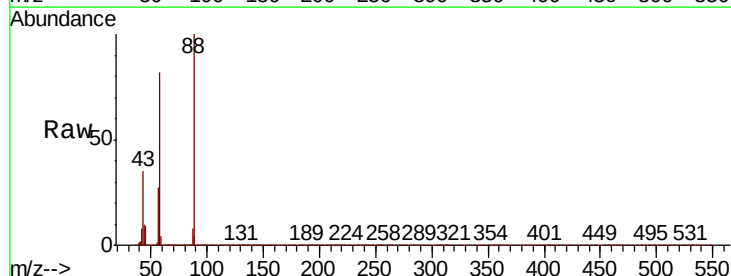
RT: 2.61 min Scan# 89

Delta R.T. 0.07 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	88	Resp:	104781
Ion	Ratio	Lower	Upper
88	100		
58	83.4	67.8	101.6
43	35.5	28.0	42.0

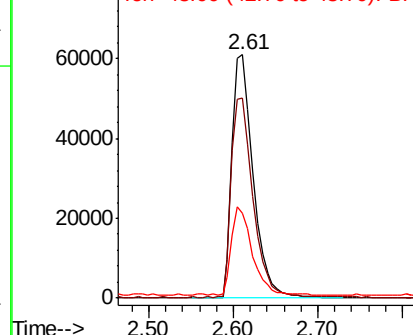
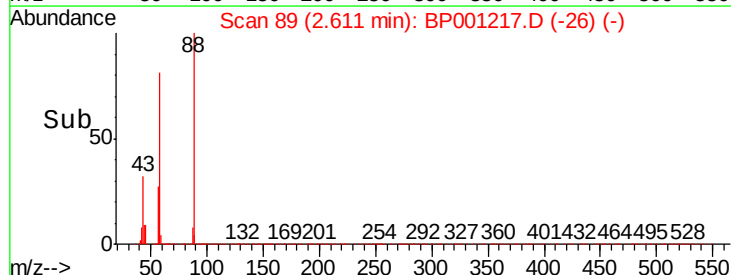


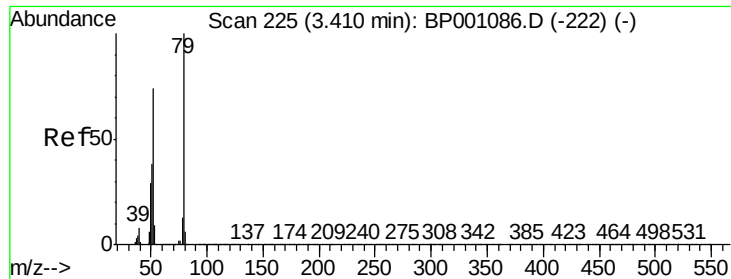
Abundance

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: 37.792 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

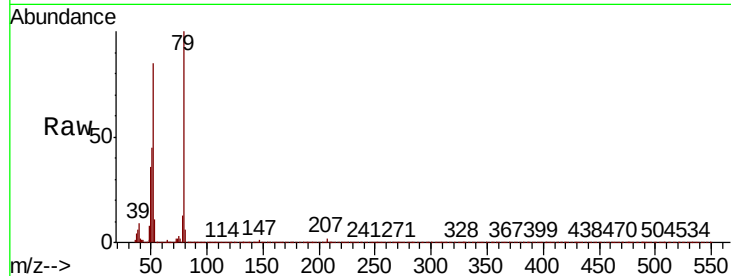
Tot Ion: 79 Resp: 257649

Ion Ratio Lower Upper

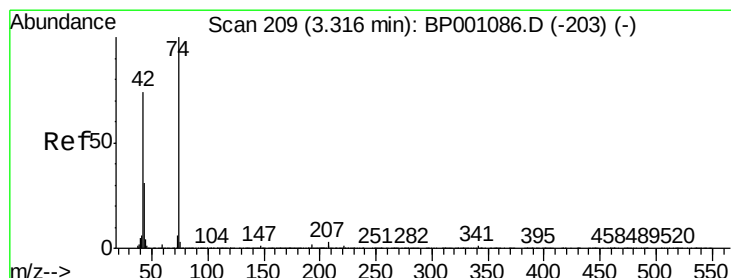
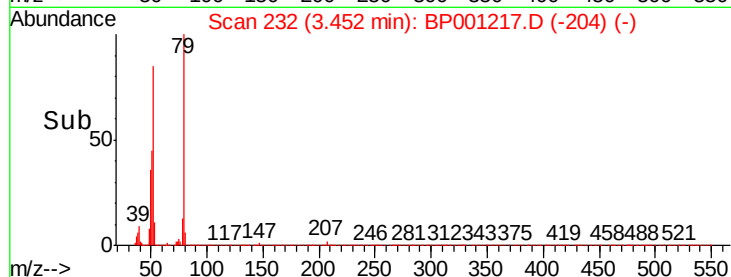
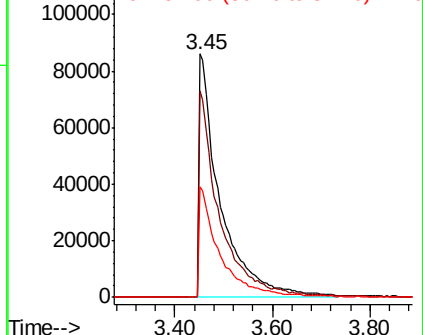
79 100

52 85.0 65.1 97.7

51 45.4 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 57.110 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.07 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

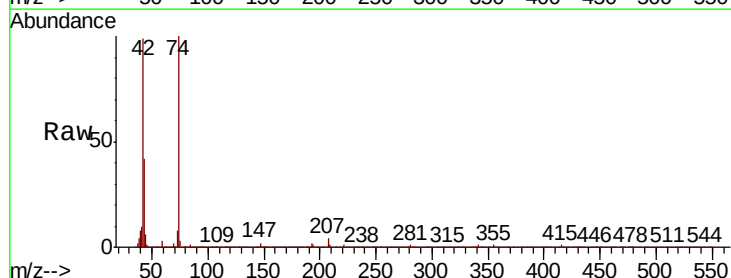
Tgt Ion: 42 Resp: 168481

Ion Ratio Lower Upper

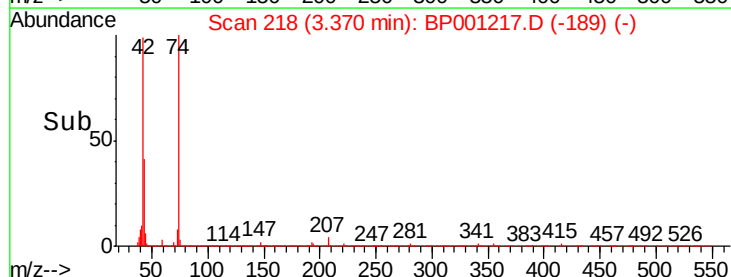
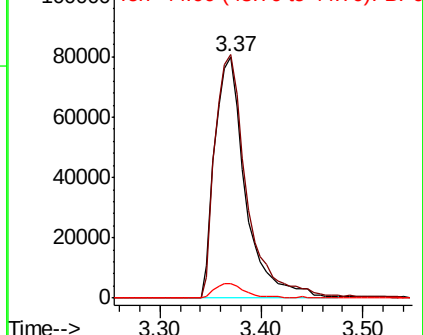
42 100

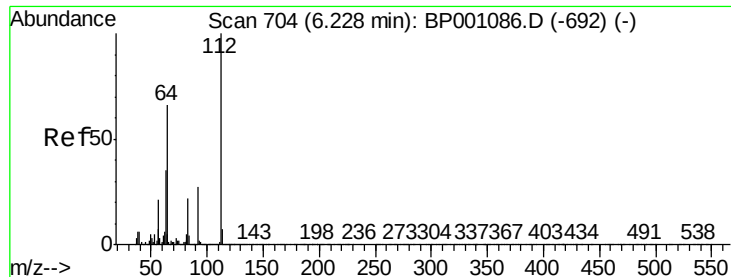
74 100.9 91.4 137.0

44 6.0 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 115.895 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

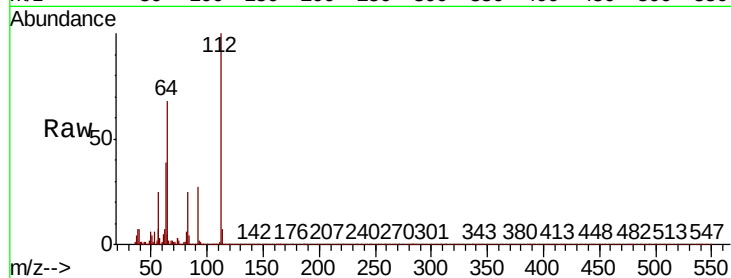
Tot Ion: 112 Resp: 609605

Ion Ratio Lower Upper

112 100

64 68.0 56.8 85.2

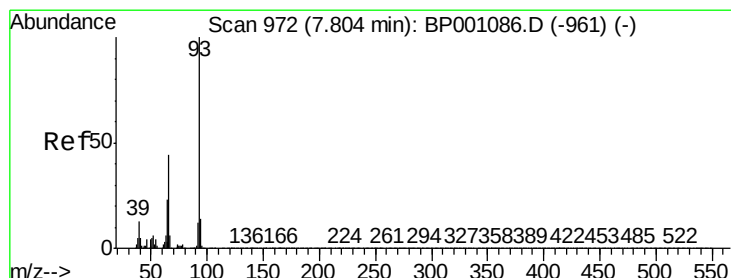
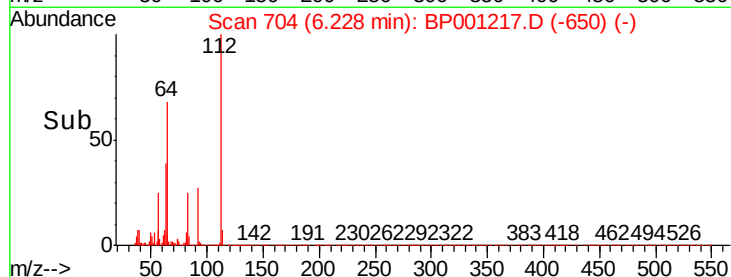
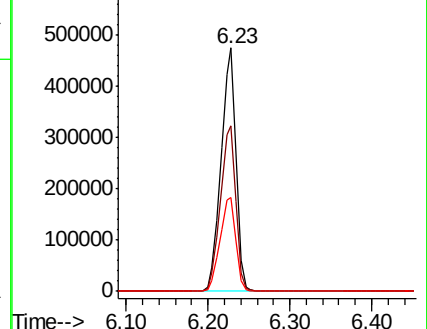
63 38.6 32.2 48.2



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: 26.643 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

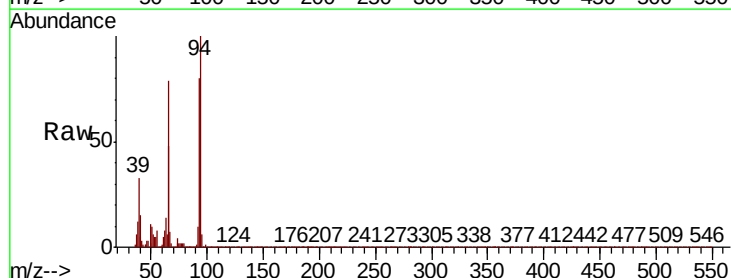
Tgt Ion: 93 Resp: 247548

Ion Ratio Lower Upper

93 100

66 98.8 36.8 55.2#

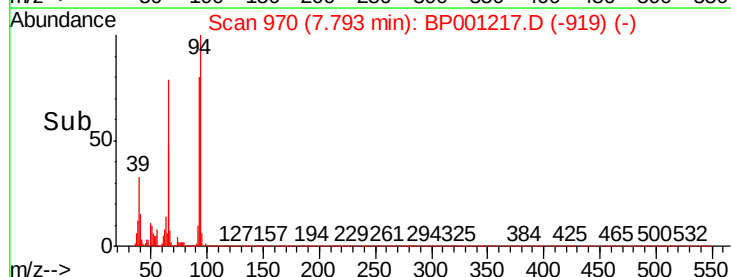
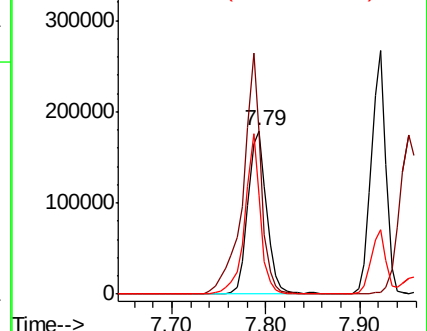
65 60.6 19.8 29.8#

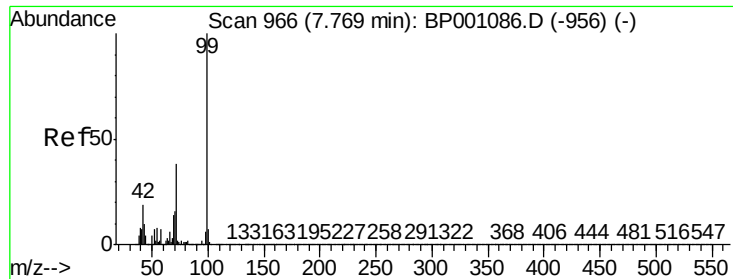


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 120.818 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

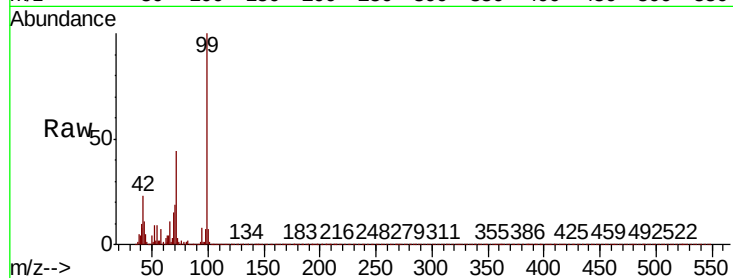
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 846638

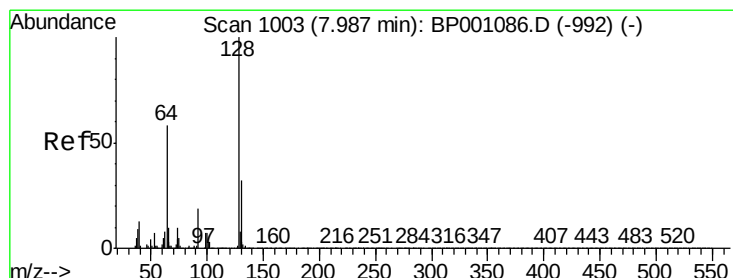
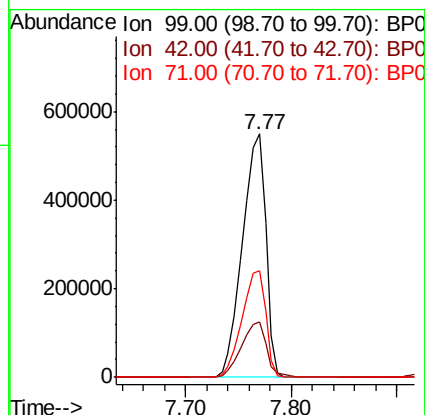
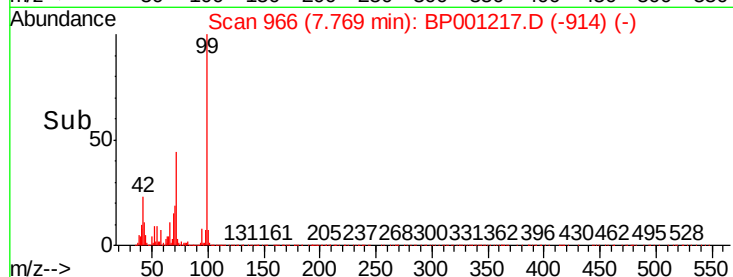
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.6	26.4
71	43.8	33.8	50.8



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: 49.941 ng

RT: 7.98 min Scan# 1002

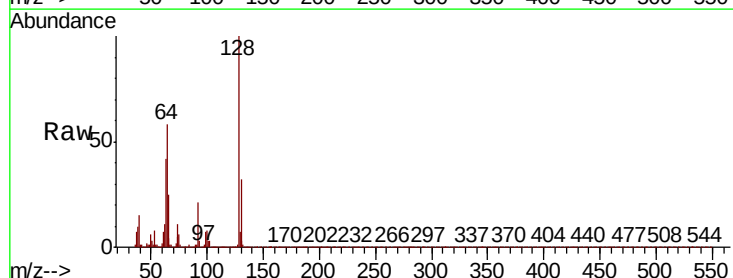
Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion: 128 Resp: 271787

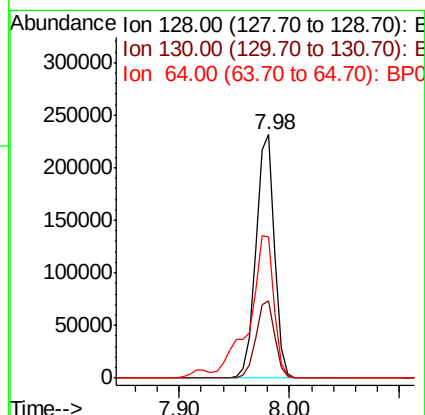
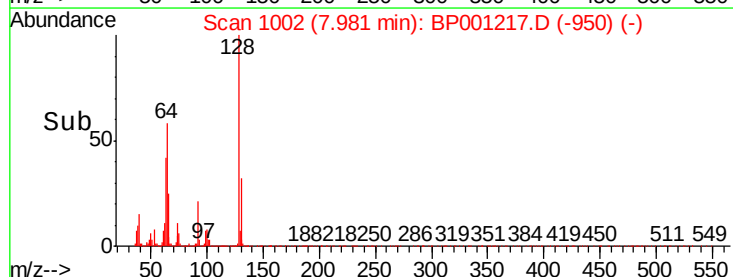
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	58.2	38.9	78.9

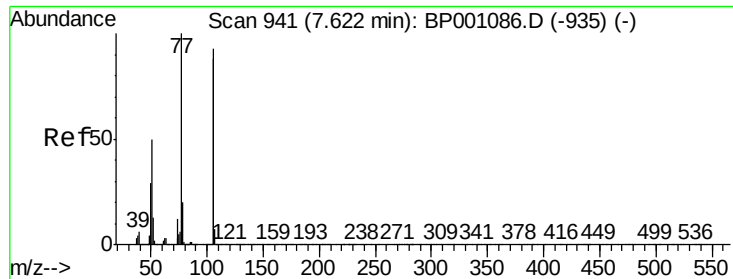


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 28.002 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001217.D

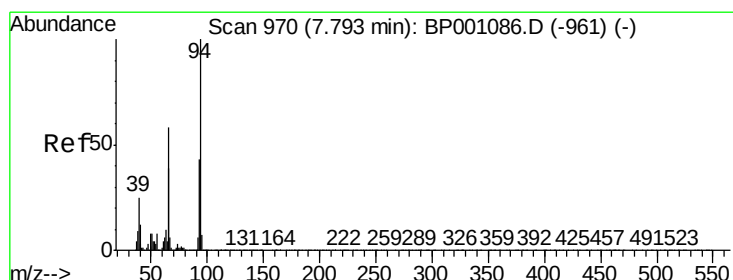
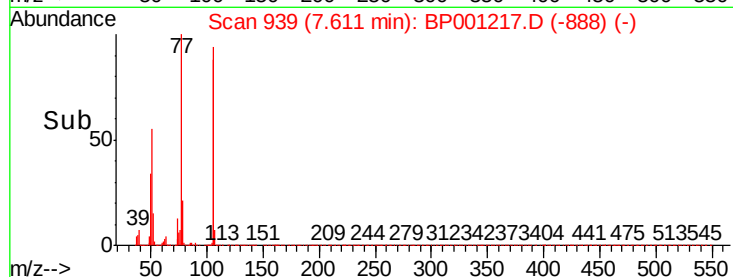
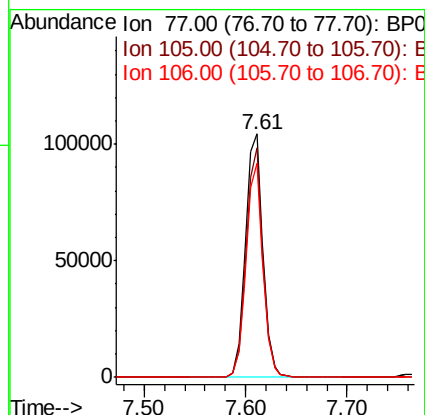
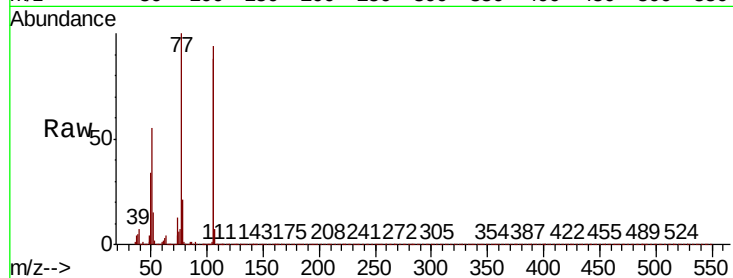
Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

Tot Ion:	77	Resp:	123848
Ion	Ratio	Lower	Upper
77	100		
105	94.1	69.7	109.7
106	87.8	67.1	107.1



#10

Phenol

Concen: 50.918 ng

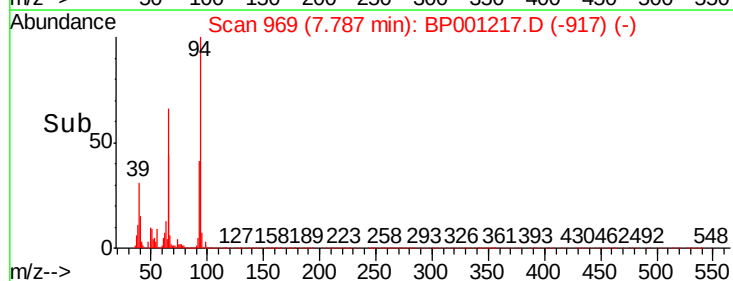
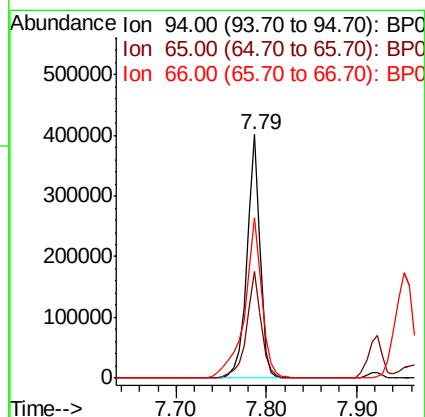
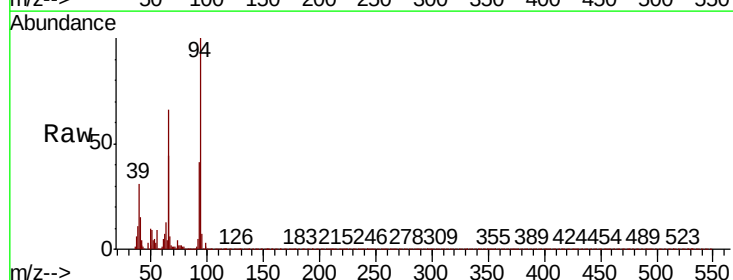
RT: 7.79 min Scan# 969

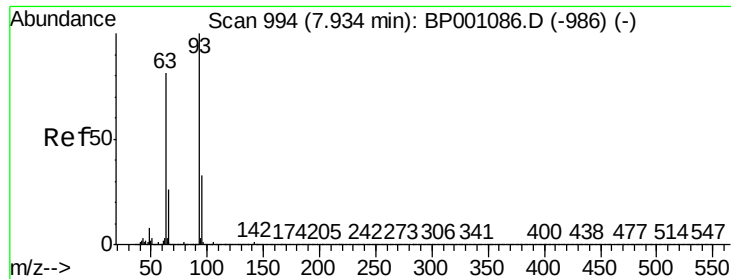
Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	94	Resp:	405865
Ion	Ratio	Lower	Upper
94	100		
65	44.0	25.6	65.6
66	65.8	52.6	92.6

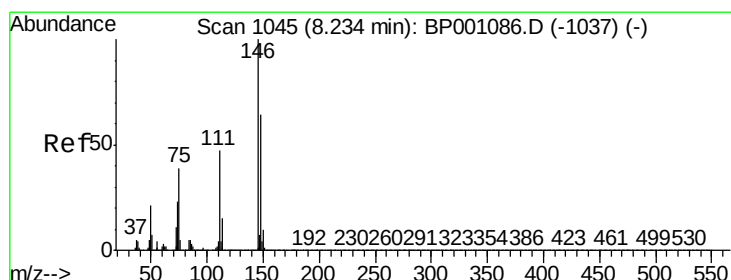
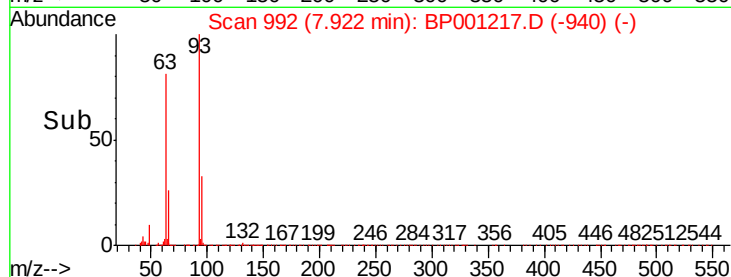
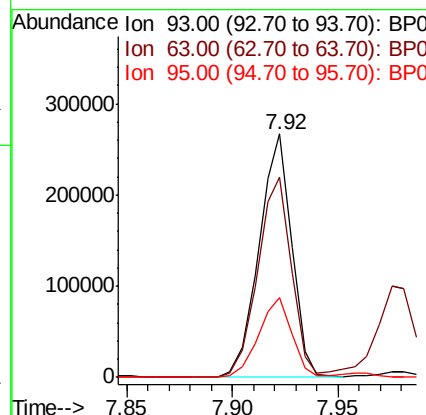
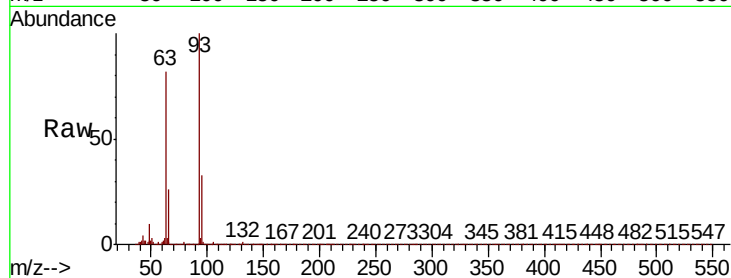




#11
bis(2-Chloroethyl)ether
Concen: 46.181 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

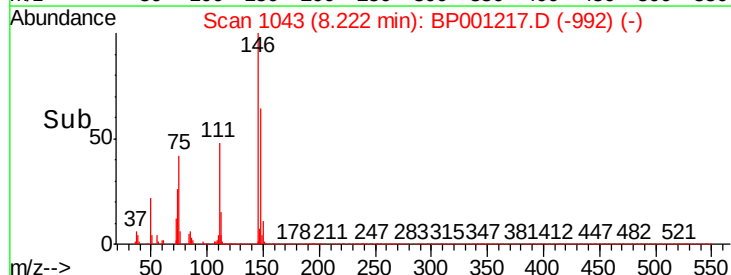
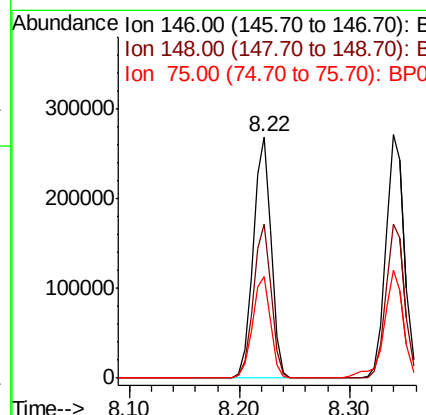
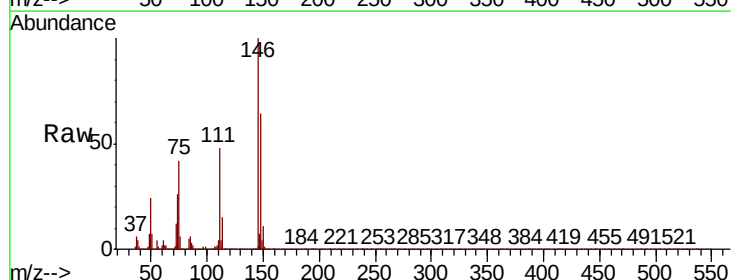
Instrument :
BNA_P
ClientSampleId :

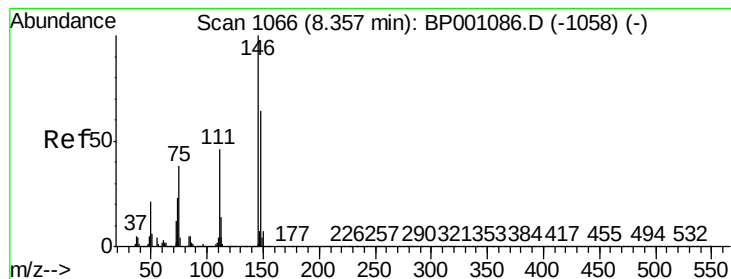
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	65.8	105.8
95	32.5	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 47.267 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	42.0	32.2	48.2





#13

1,4-Dichlorobenzene

Concen: 47.841 ng

RT: 8.34 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

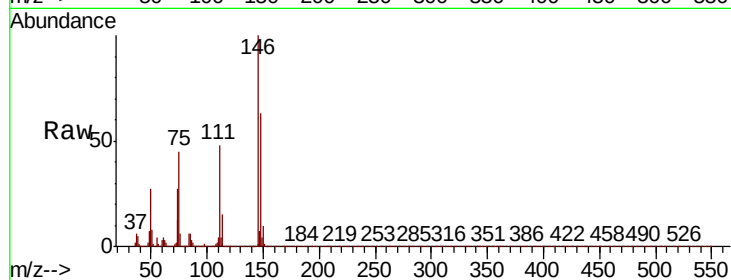
Tot Ion:146 Resp: 310867

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

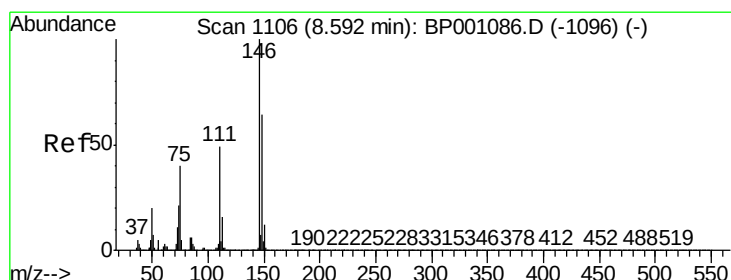
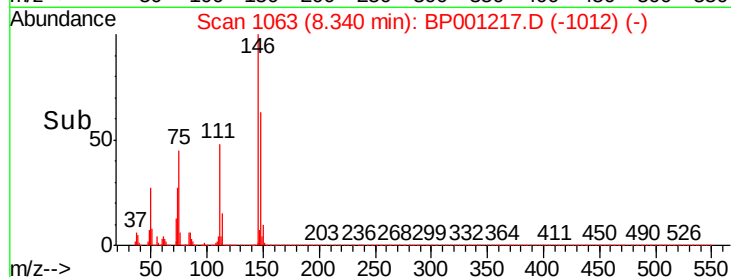
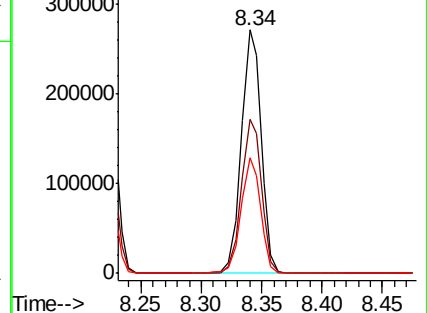
111 47.6 37.3 55.9



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



#14

1,2-Dichlorobenzene

Concen: 47.844 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

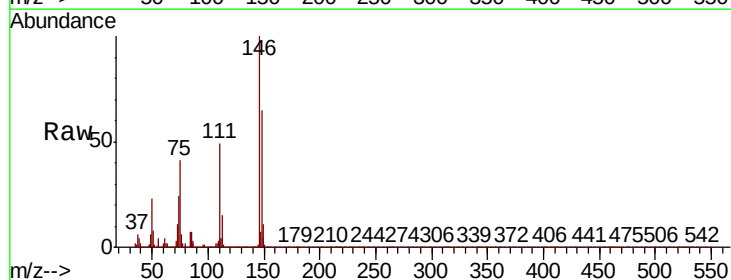
Tgt Ion:146 Resp: 292582

Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

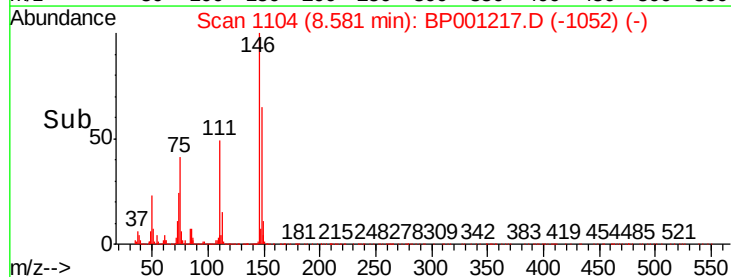
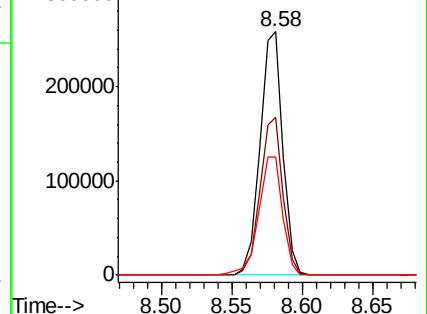
111 48.7 40.7 61.1

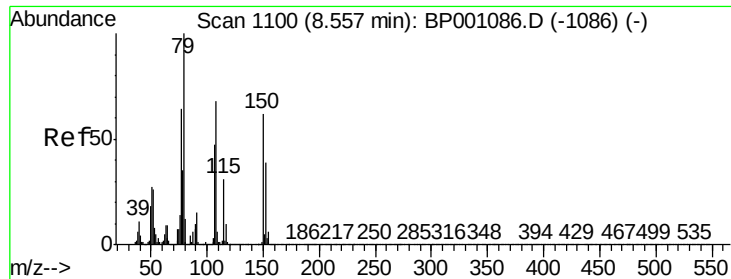


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

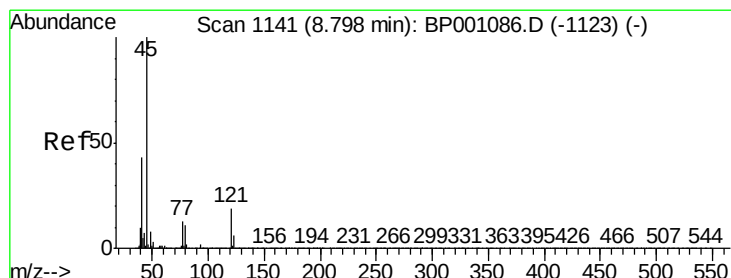
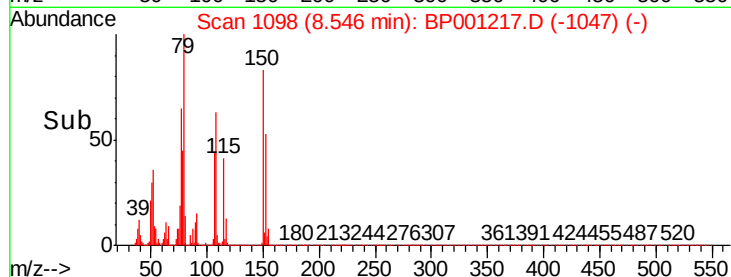
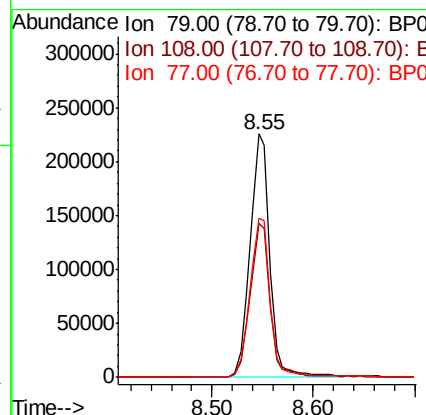
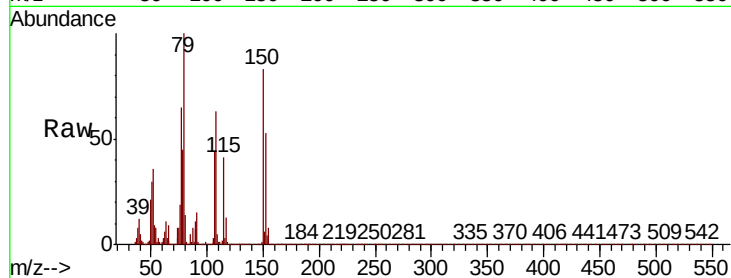




#15
Benzyl Alcohol
Concen: 52.992 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

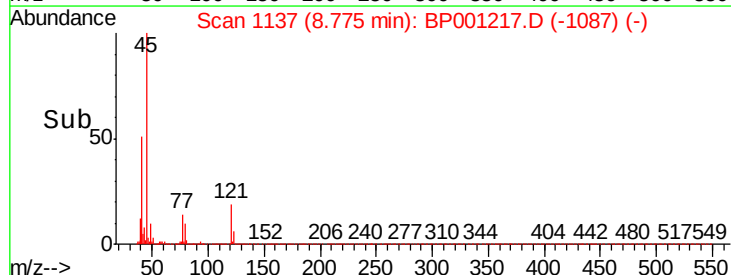
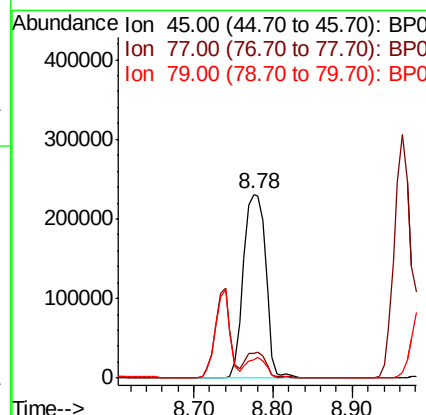
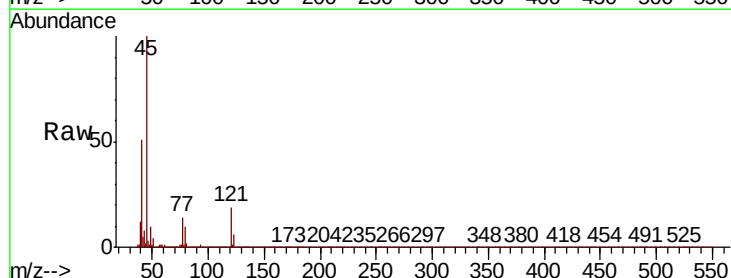
Instrument :
BNA_P
ClientSampleId :

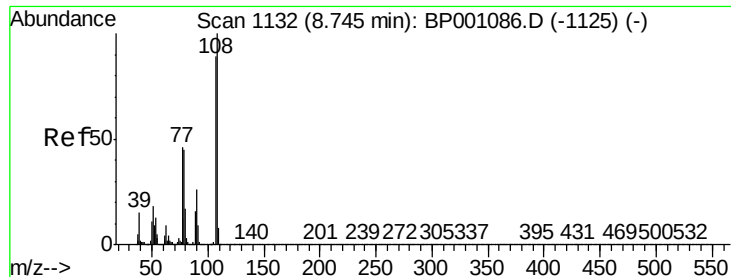
Tot Ion	Ratio	Lower	Upper
79	100		
108	63.4	51.6	77.4
77	65.4	53.5	80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.015 ng
RT: 8.78 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.9
79	10.3	0.0	30.9

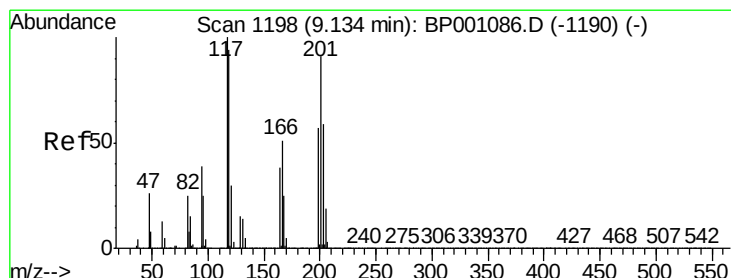
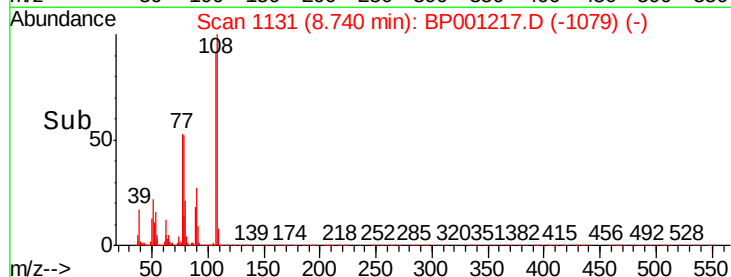
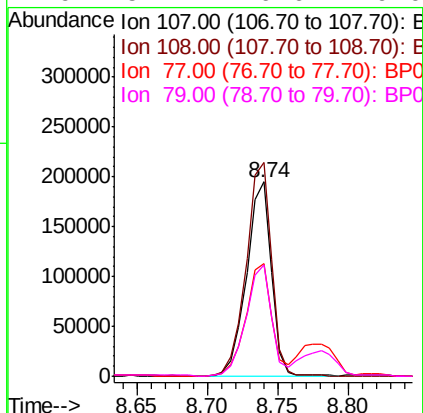
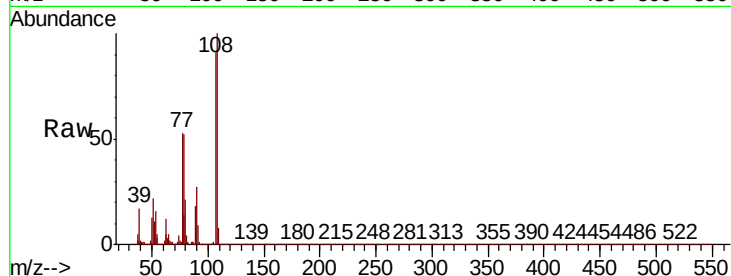




#17
2-Methylphenol
Concen: 48.079 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

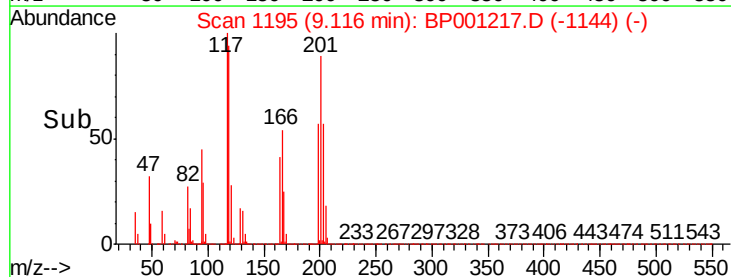
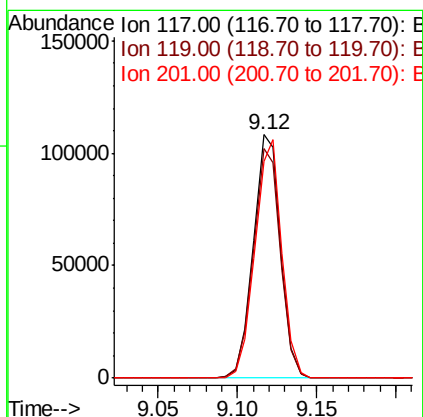
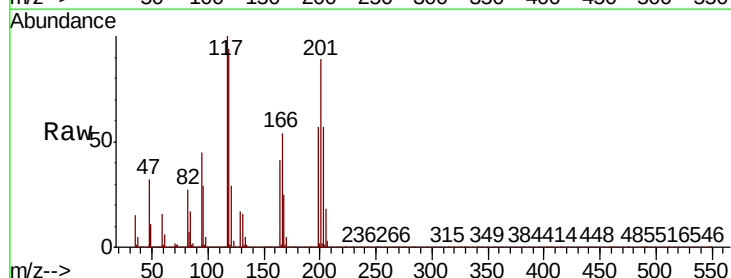
Instrument :
BNA_P
ClientSampleId :

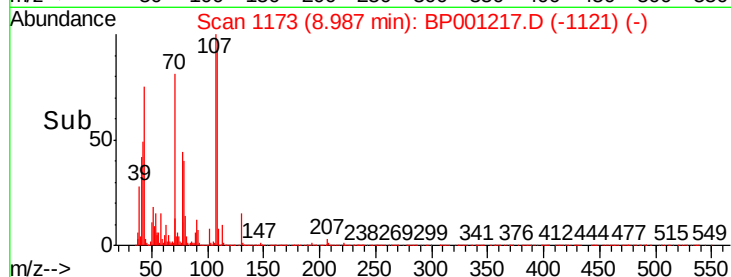
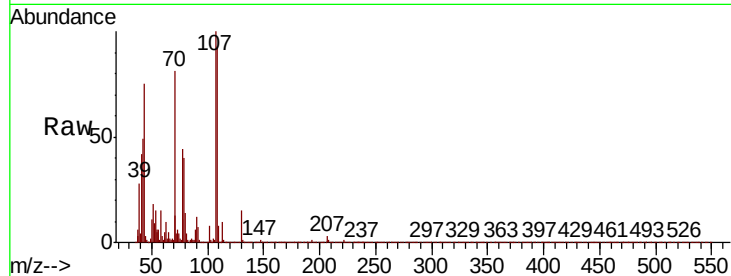
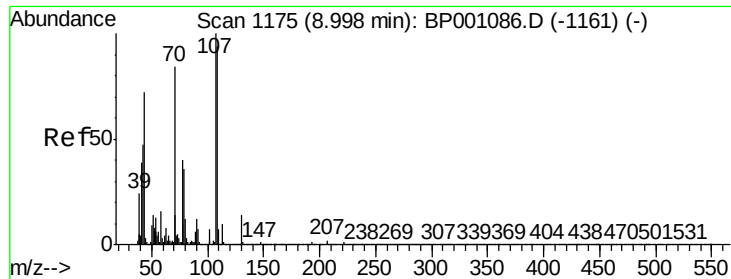
Tot Ion:	107	Resp:	240015
Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.8	133.2
77	58.0	46.3	69.5
79	57.1	46.6	70.0



#18
Hexachloroethane
Concen: 47.866 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:	117	Resp:	128665
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.7	118.1
201	89.0	75.5	113.3

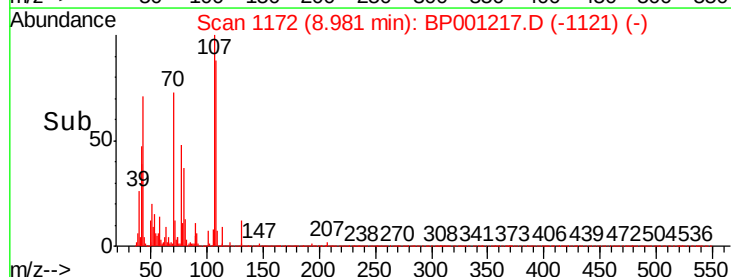
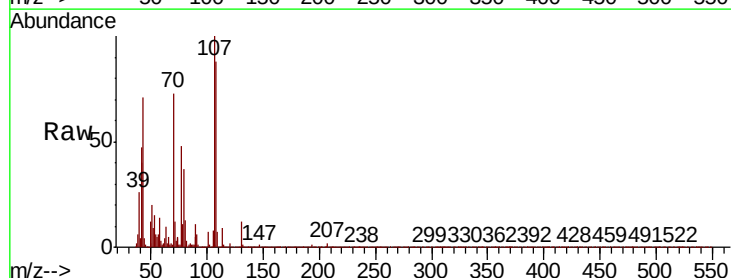
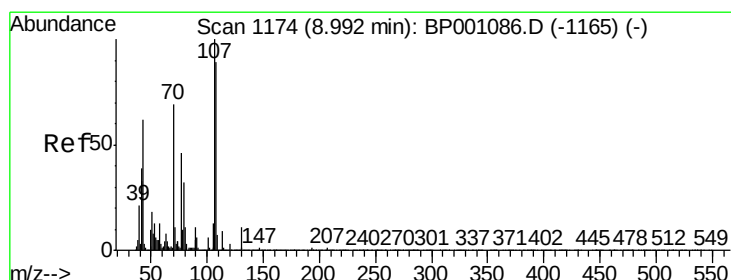
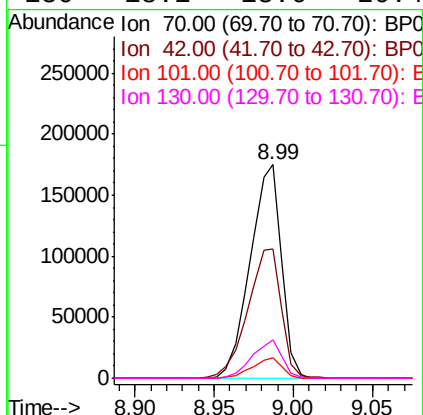




#19
n-Nitroso-di-n-propylamine
Concen: 47.418 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

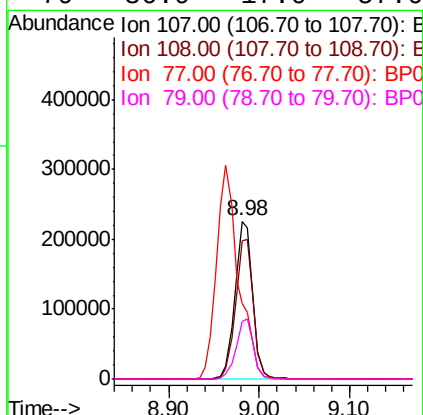
Instrument :
BNA_P
ClientSampleId :

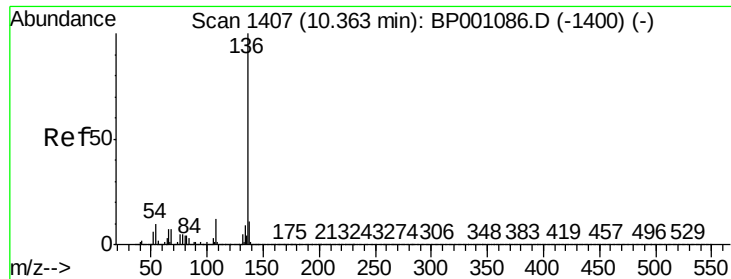
Tot Ion:	70	Resp:	239770
Ion	Ratio	Lower	Upper
70	100		
42	60.6	50.6	76.0
101	9.4	7.1	10.7
130	18.1	13.6	20.4



#20
3+4-Methylphenols
Concen: 49.208 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:	107	Resp:	309655
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.3	108.3
77	47.9	25.2	65.2
79	36.9	17.0	57.0

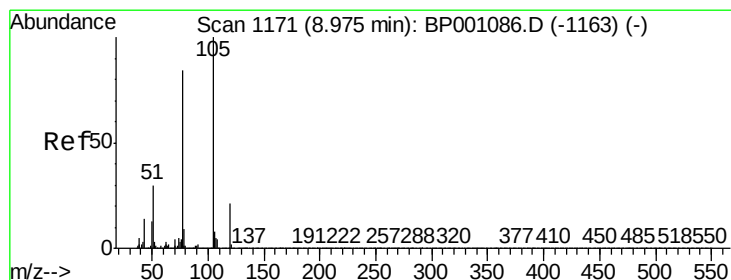
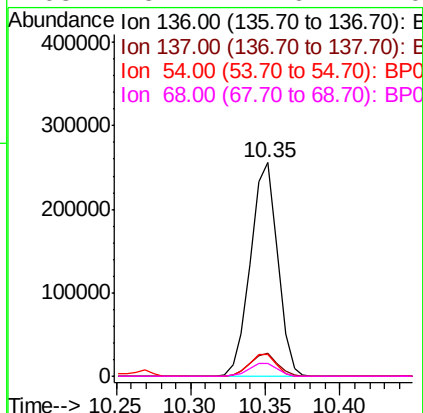
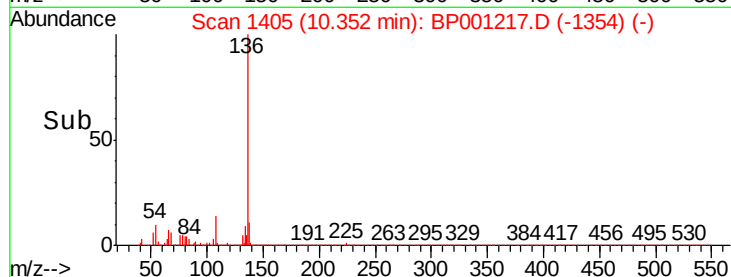
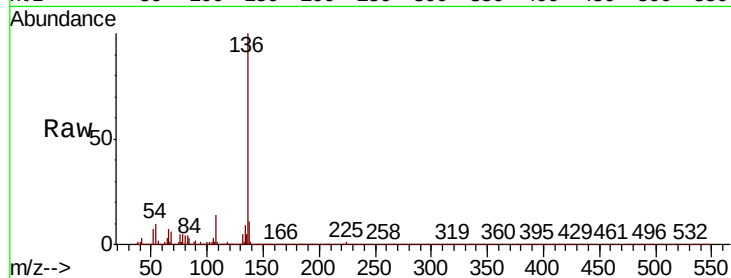




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

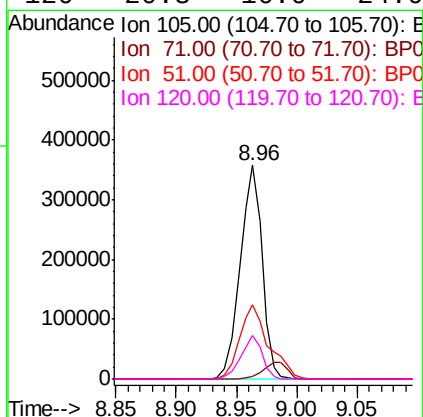
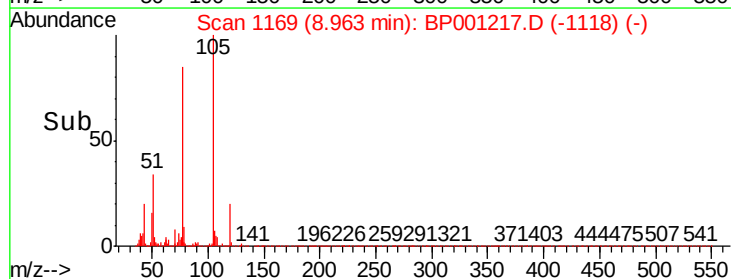
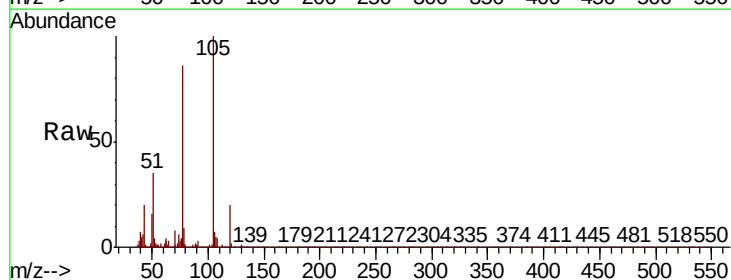
Instrument :
BNA_P
ClientSampleId :

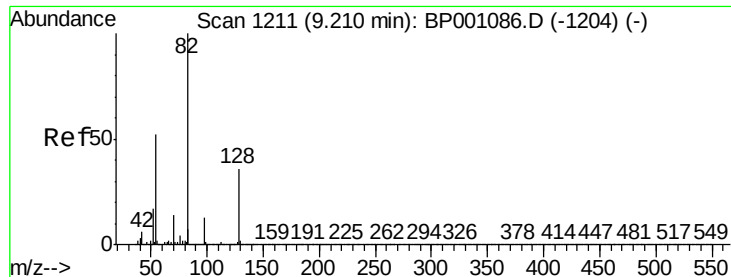
Tot Ion:136	Resp:	319241
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.4	12.6
54 10.0	7.4	11.0
68 5.7	4.6	7.0



#22
Acetophenone
Concen: 48.236 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt	Ion:105	Resp:	452590
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.7	1.1#
51	34.5	26.9	40.3
120	20.3	16.0	24.0





#23

Nitrobenzene-d5

Concen: 77.574 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

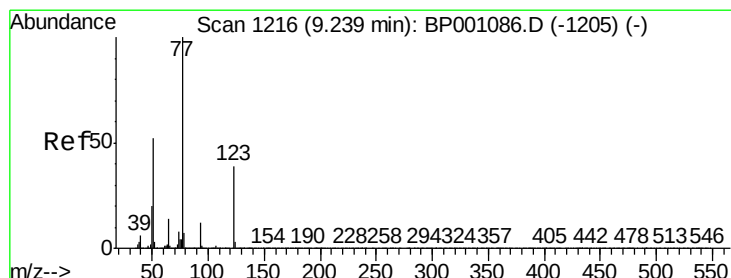
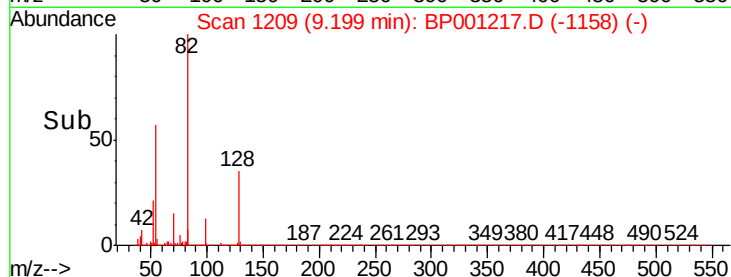
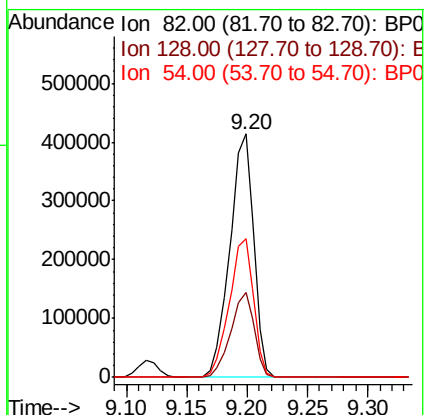
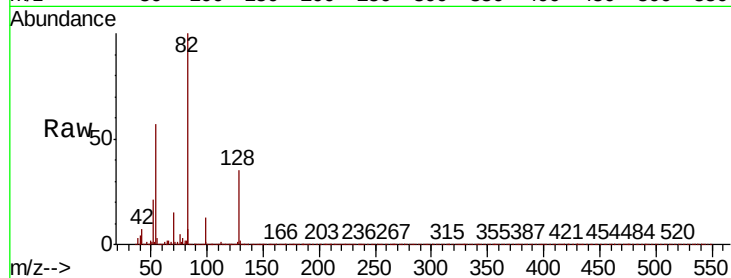
Tot Ion: 82 Resp: 570801

Ion Ratio Lower Upper

82 100

128 35.1 27.5 41.3

54 56.8 45.7 68.5



#24

Nitrobenzene

Concen: 50.200 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

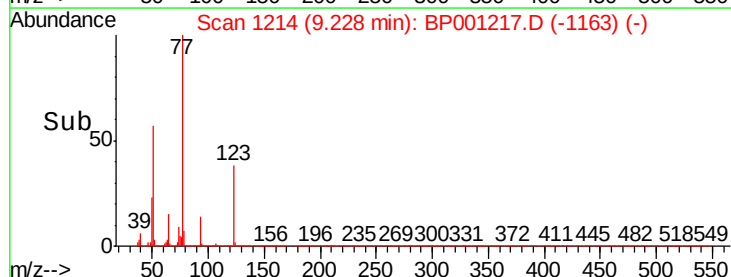
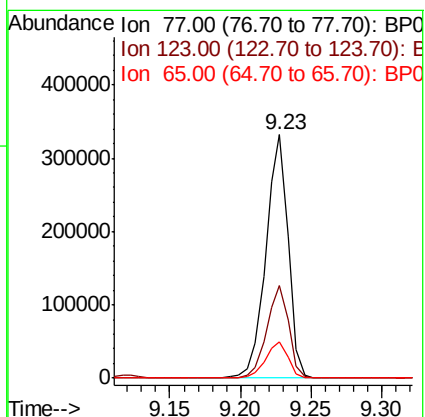
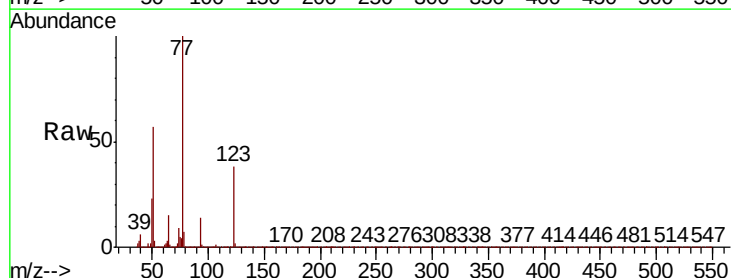
Tgt Ion: 77 Resp: 367308

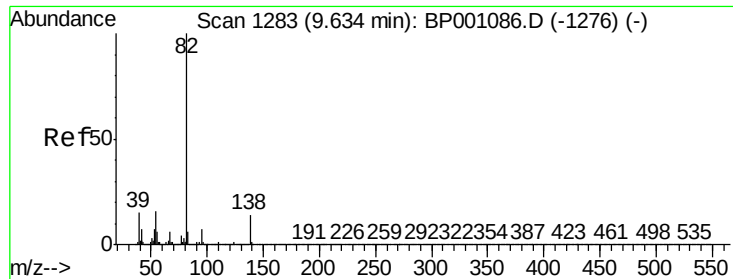
Ion Ratio Lower Upper

77 100

123 37.9 30.2 45.4

65 15.0 11.9 17.9





#25

Isophorone

Concen: 49.067 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

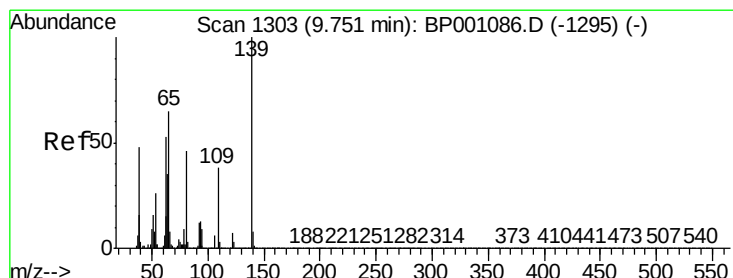
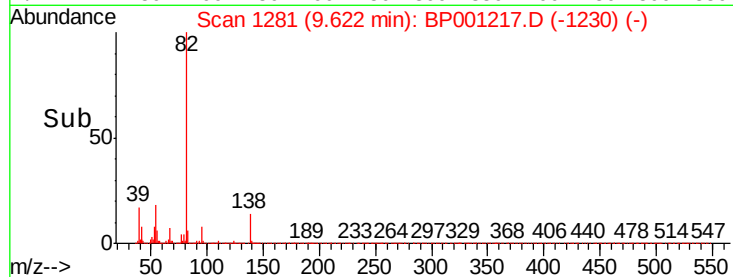
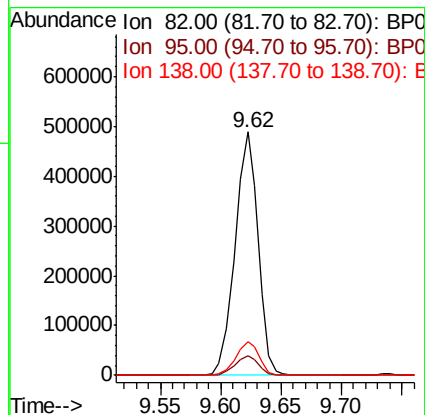
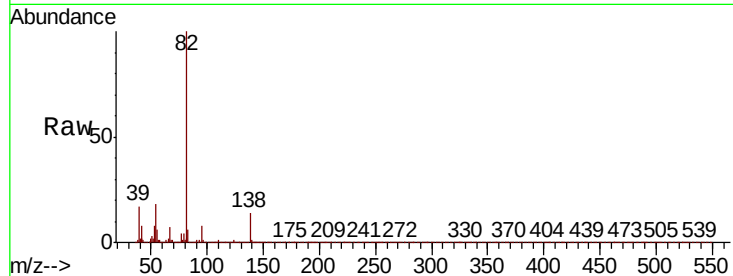
Tot Ion: 82 Resp: 647429

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

138 14.0 11.4 17.0



#26

2-Nitrophenol

Concen: 51.614 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

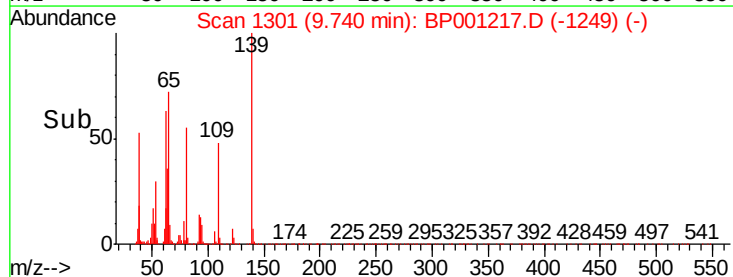
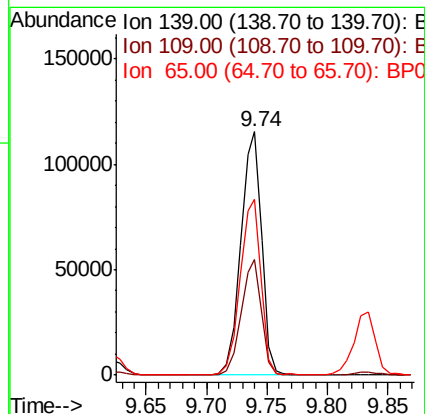
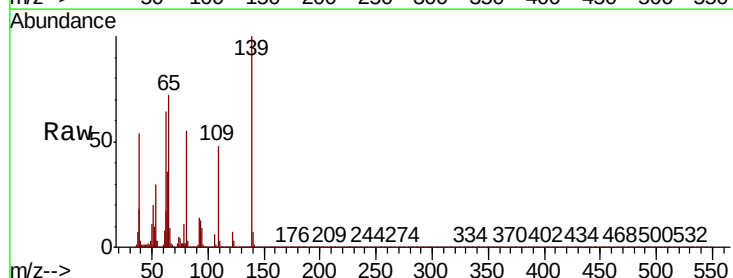
Tgt Ion: 139 Resp: 138328

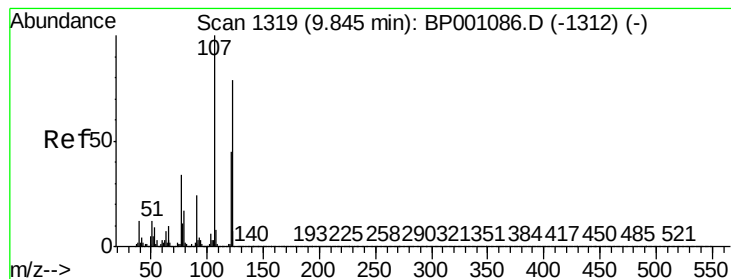
Ion Ratio Lower Upper

139 100

109 47.5 35.5 53.3

65 72.2 59.3 88.9





#27

2,4-Dimethylphenol

Concen: 58.688 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

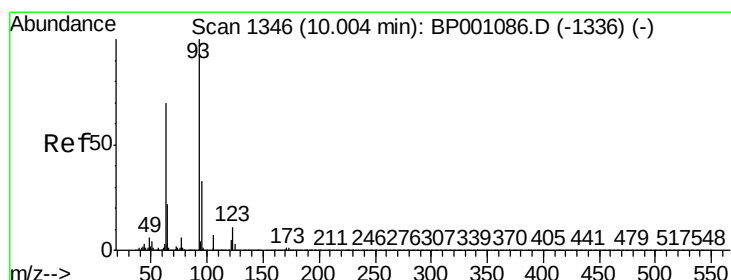
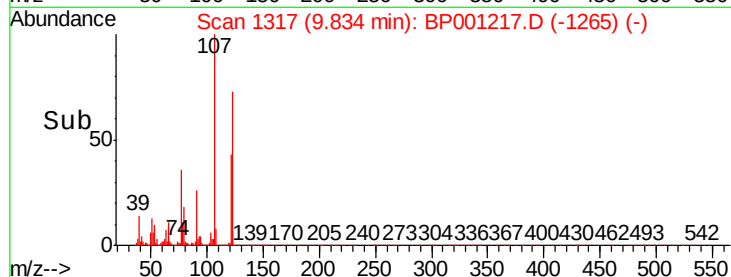
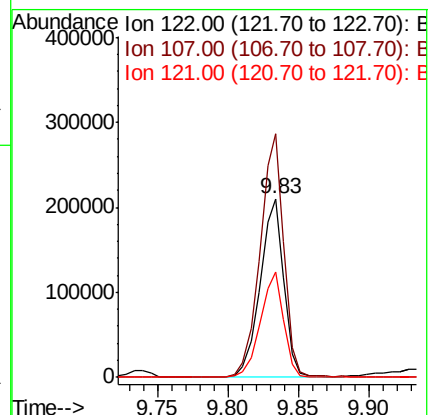
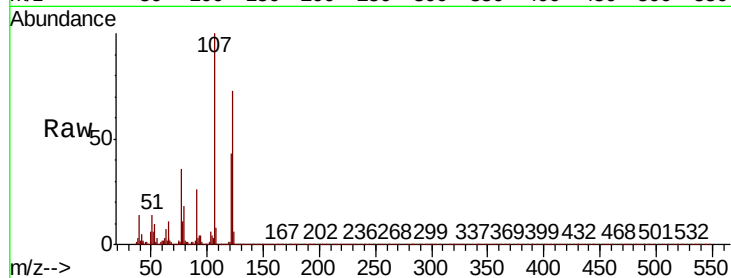
Tot Ion:122 Resp: 249141

Ion Ratio Lower Upper

122 100

107 136.3 106.7 160.1

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.316 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

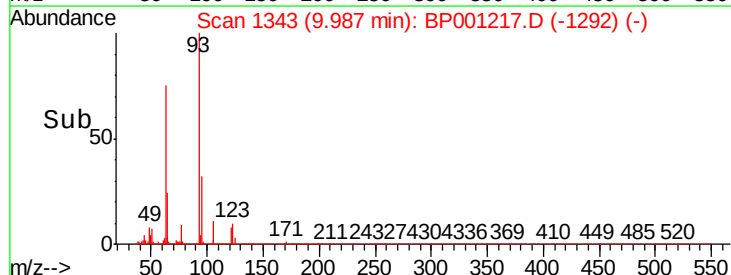
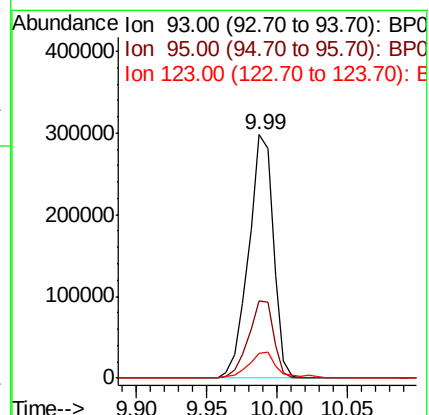
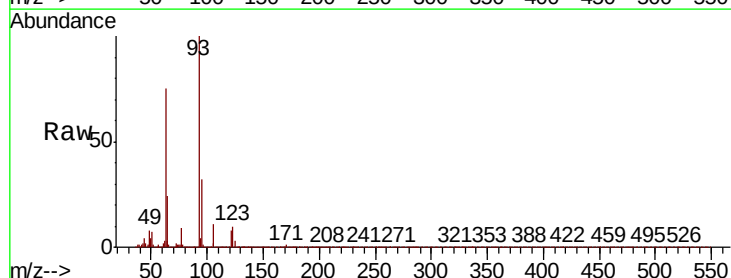
Tgt Ion: 93 Resp: 366874

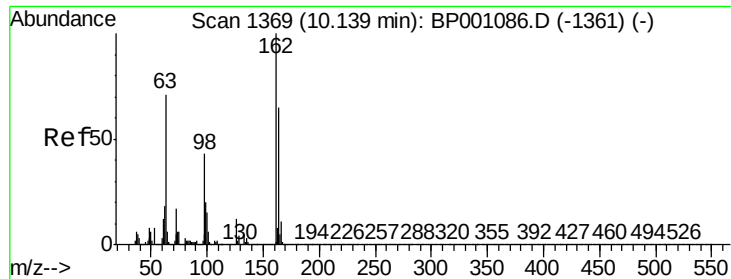
Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

123 10.1 8.5 12.7

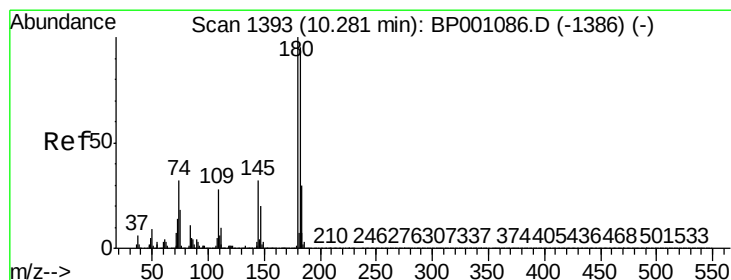
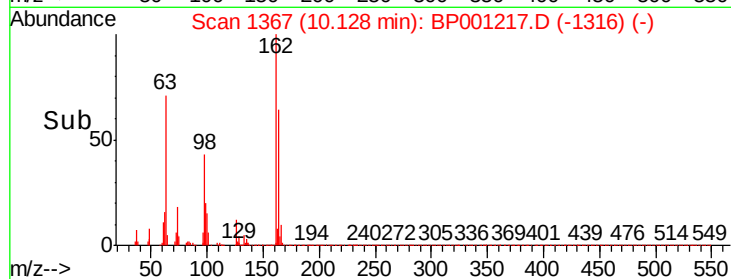
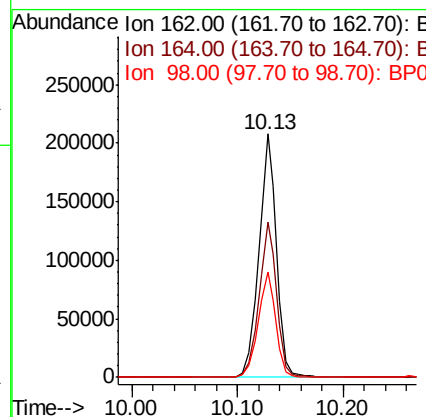
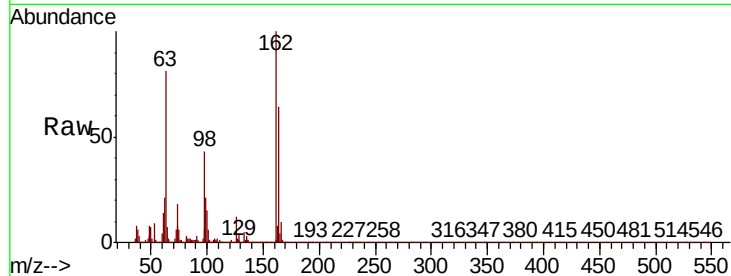




#29
 2,4-Dichlorophenol
 Concen: 50.400 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

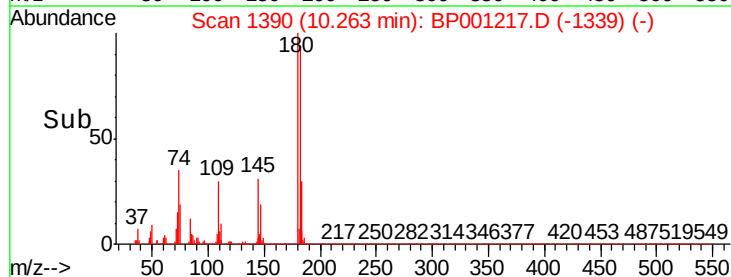
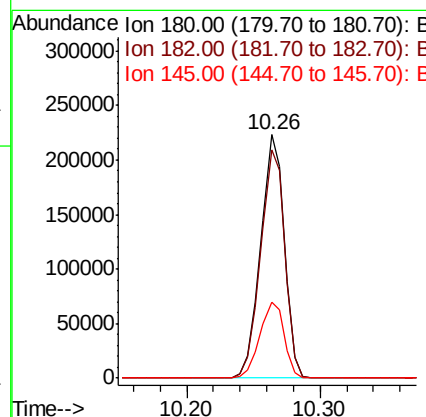
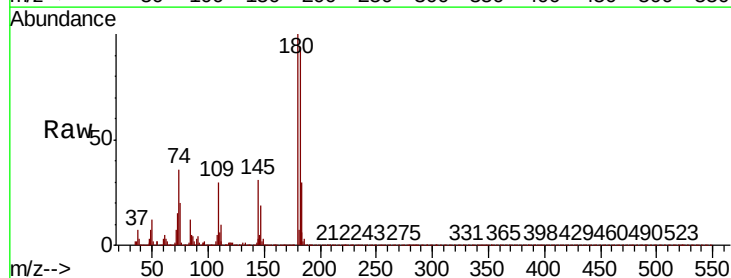
Instrument :
 BNA_P
 ClientSampled :

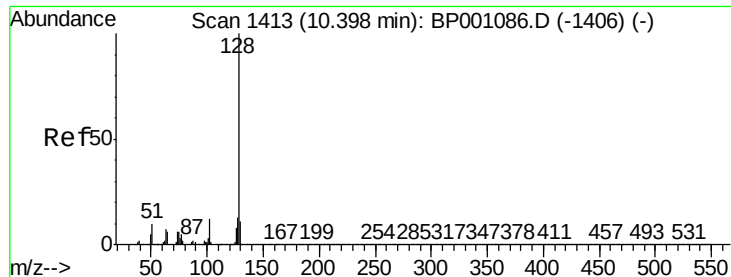
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	43.2	22.9	62.9



#30
 1,2,4-Trichlorobenzene
 Concen: 47.947 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.4	113.0
145	31.1	25.1	37.7

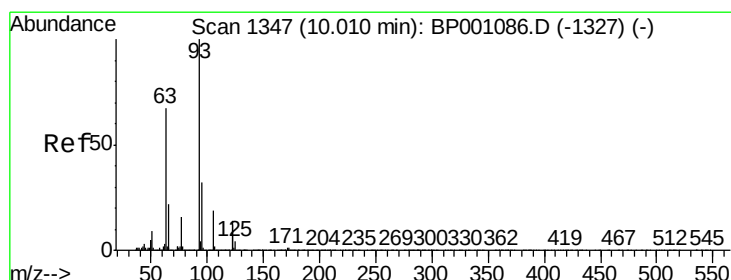
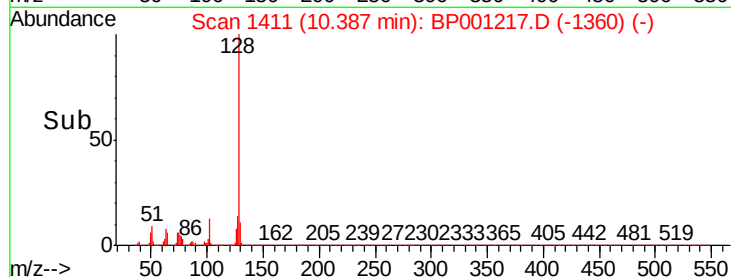
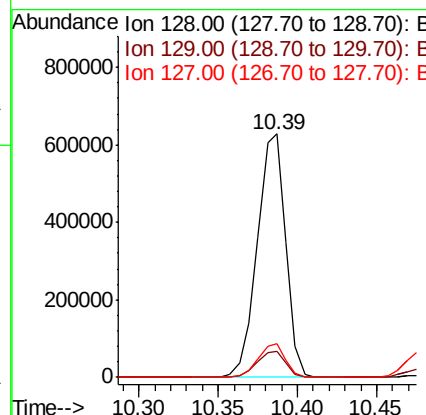
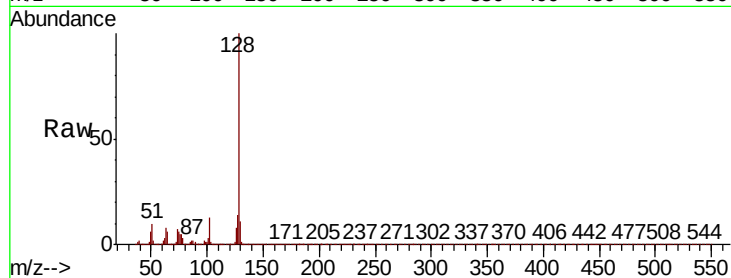




#31
Naphthalene
Concen: 48.012 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

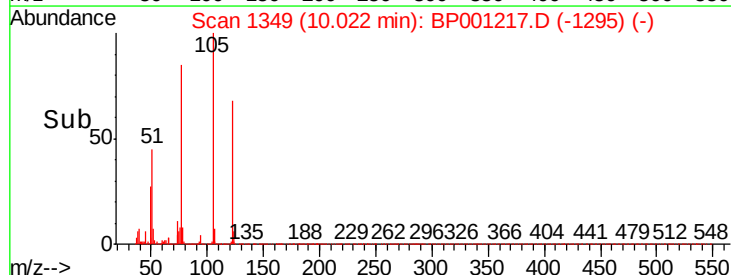
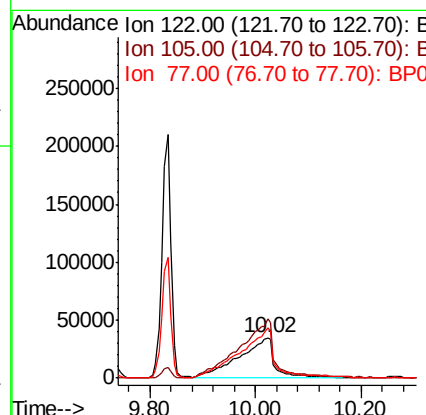
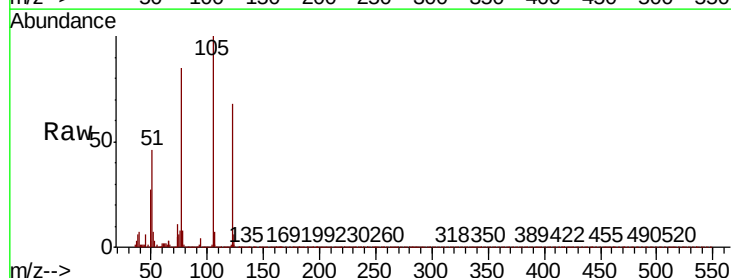
Instrument :
BNA_P
ClientSampleId :

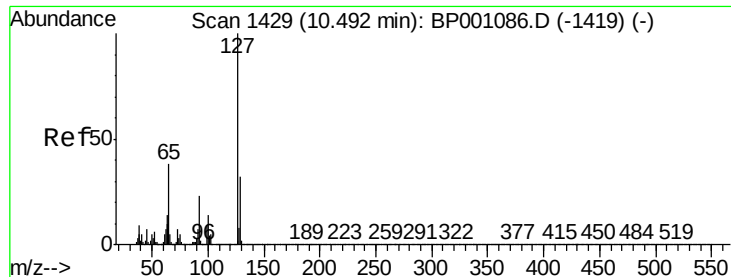
Tot Ion:128 Resp: 782801
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 52.618 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:122 Resp: 161489
Ion Ratio Lower Upper
122 100
105 147.5 122.3 162.3
77 125.3 100.4 140.4

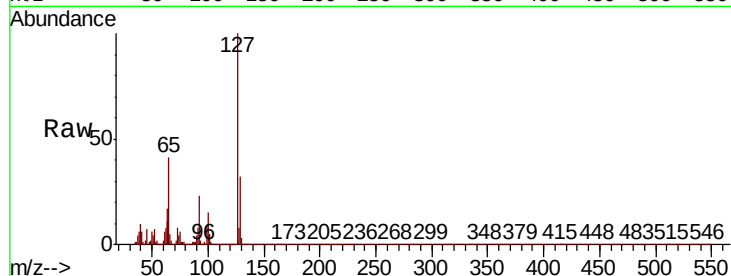




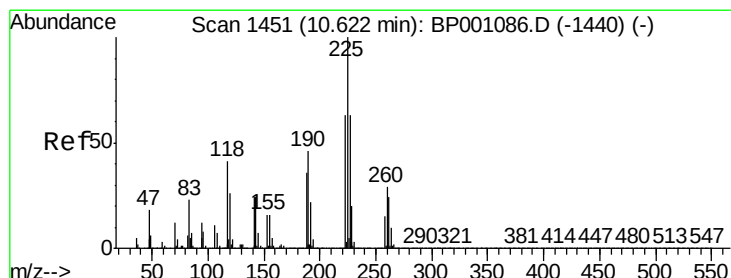
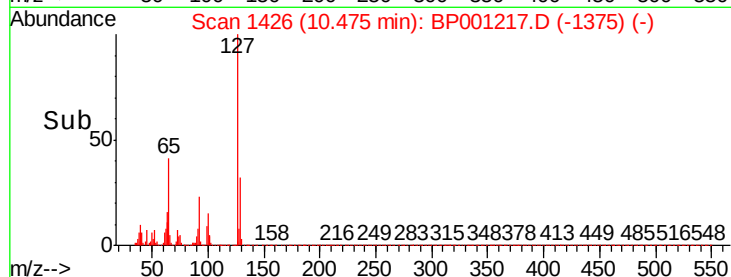
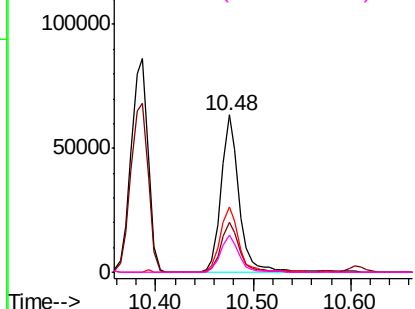
#33
4-Chloroaniline
Concen: 11.491 ng
RT: 10.48 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	81301
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	41.2	33.6	50.4
92	23.5	19.8	29.6

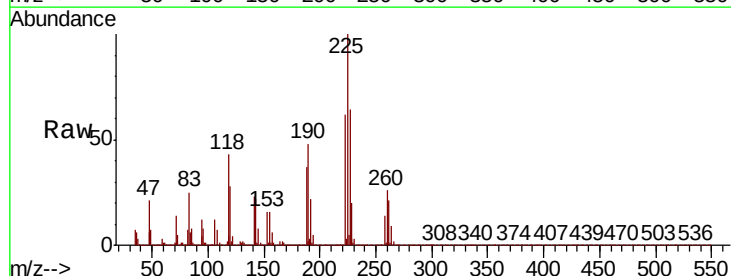


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

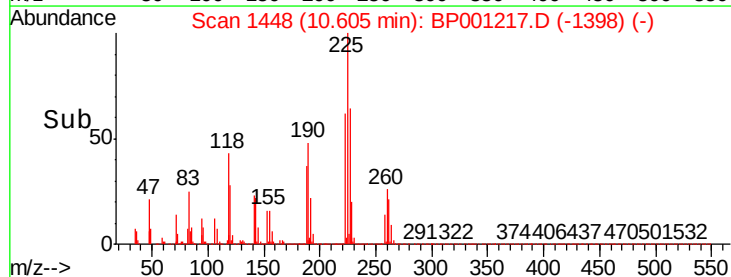
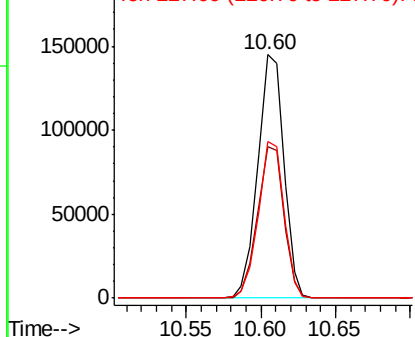


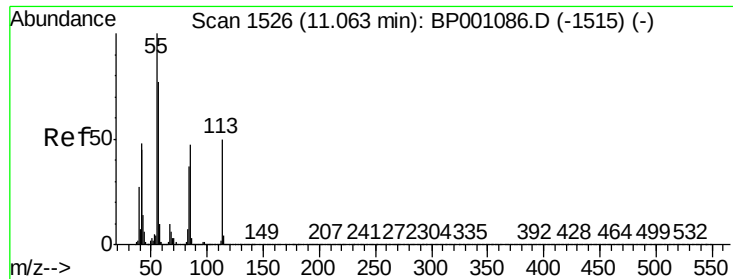
#34
Hexachlorobutadiene
Concen: 49.094 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:	225	Resp:	174288
Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.8	71.6
227	64.4	50.0	75.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

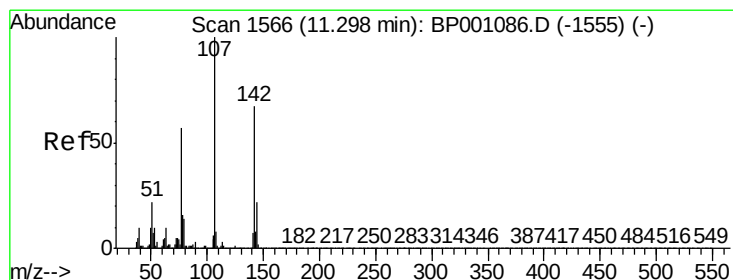
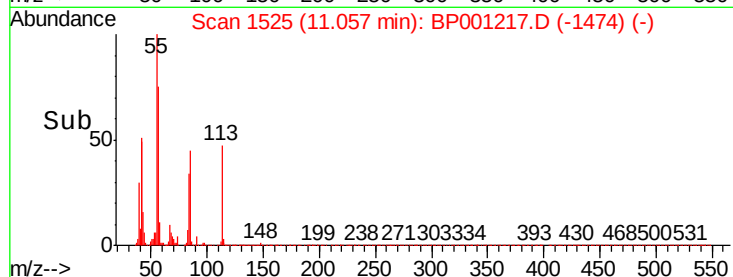
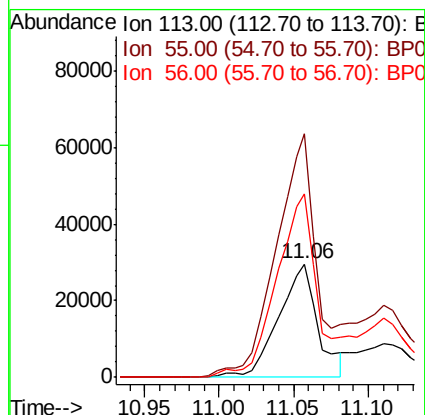
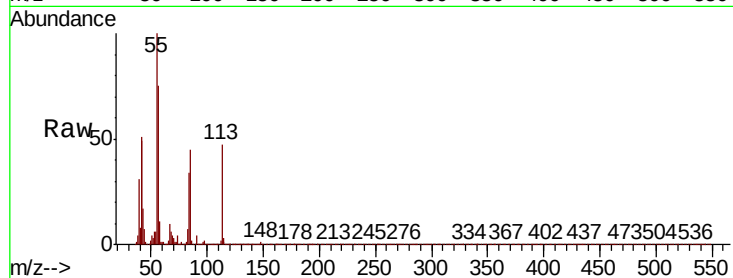




#35
Caprolactam
Concen: 32.627 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

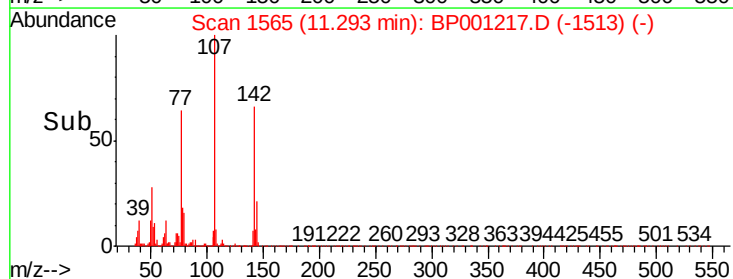
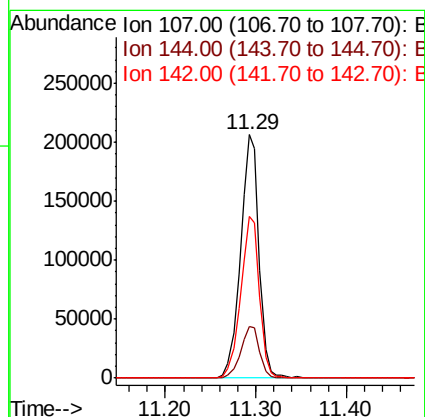
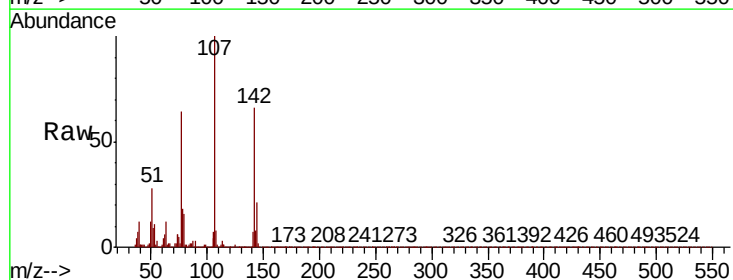
Instrument :
BNA_P
ClientSampled :

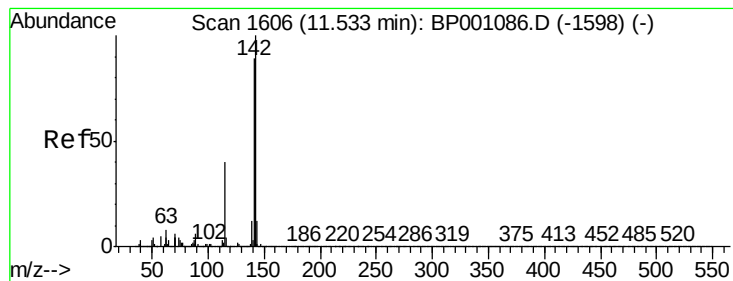
Tot Ion:113 Resp: 54331
Ion Ratio Lower Upper
113 100
55 214.4 185.4 225.4
56 161.3 136.9 176.9



#36
4-Chloro-3-methylphenol
Concen: 51.227 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:107 Resp: 293455
Ion Ratio Lower Upper
107 100
144 21.4 16.8 25.2
142 66.2 51.8 77.6

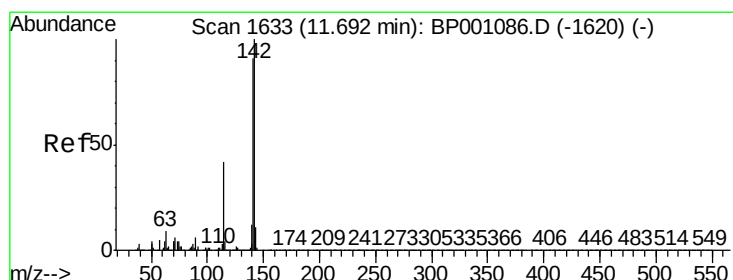
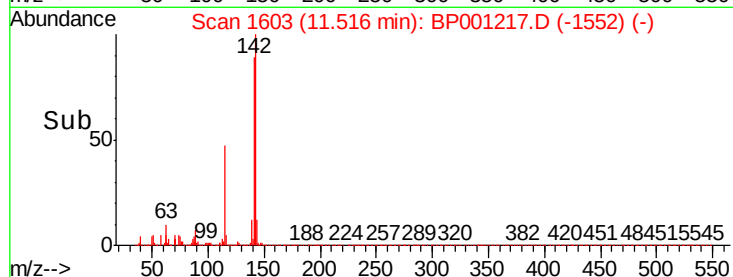
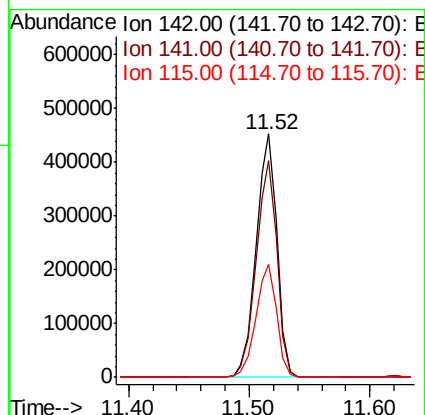
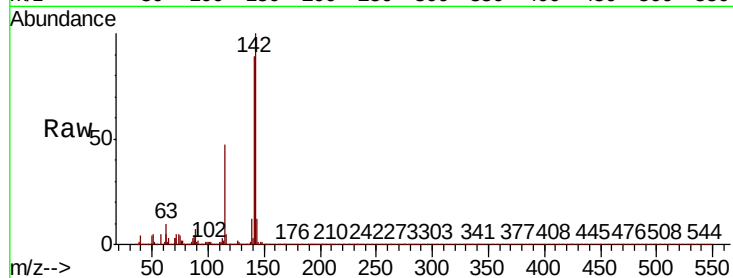




#37
 2-Methylnaphthalene
 Concen: 48.909 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

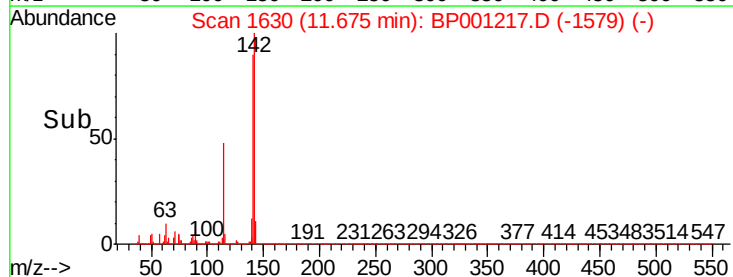
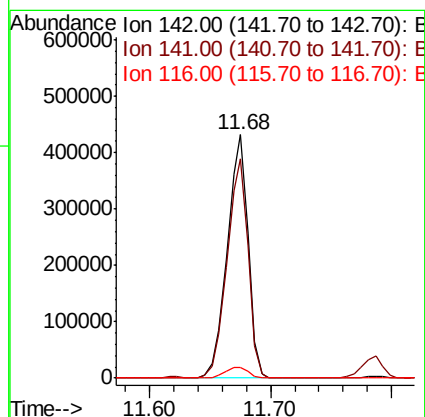
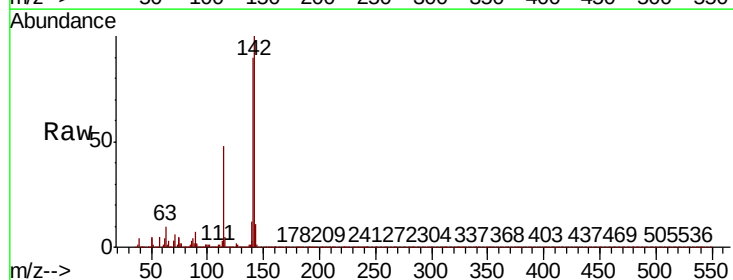
Instrument :
 BNA_P
 ClientSampleId :

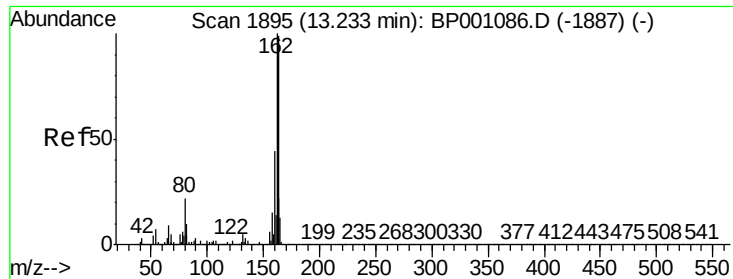
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	46.6	36.0	54.0



#38
 1-Methylnaphthalene
 Concen: 48.727 ng
 RT: 11.68 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.7	109.1
116	4.6	3.8	5.6

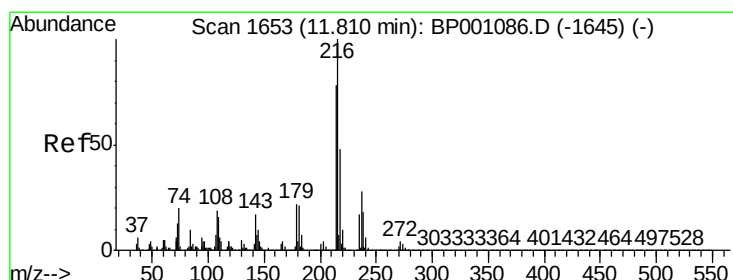
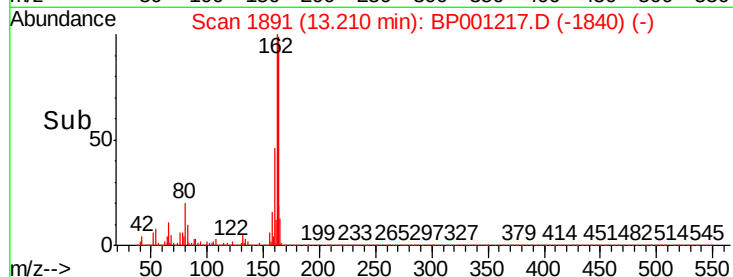
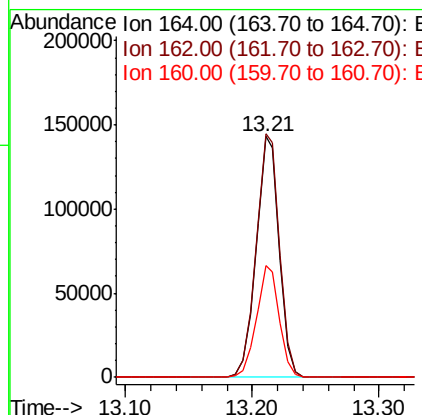
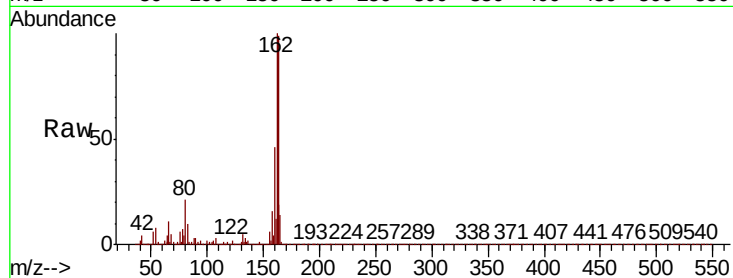




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

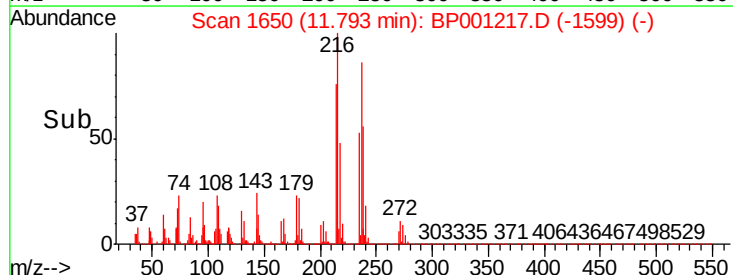
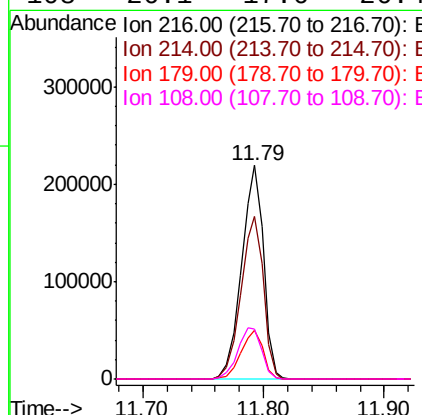
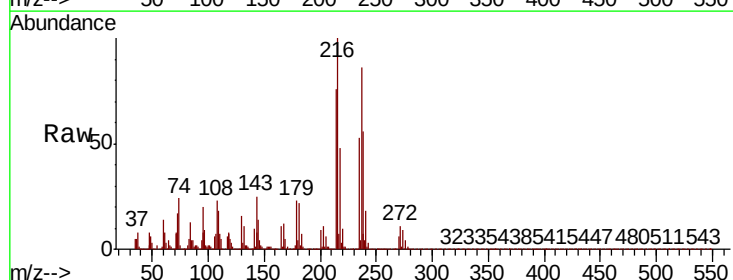
Instrument :
BNA_P
ClientSampleId :

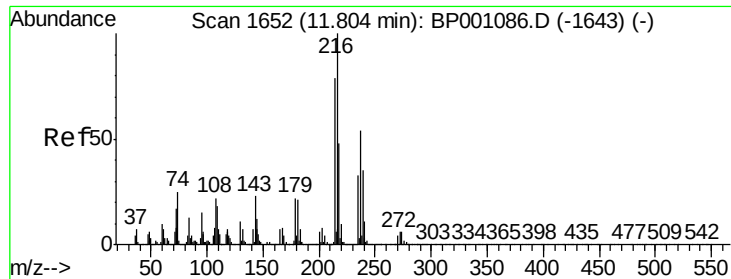
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	46.3	36.3	54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.457 ng
RT: 11.79 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.2	93.2
179	22.9	17.8	26.6
108	26.1	17.6	26.4

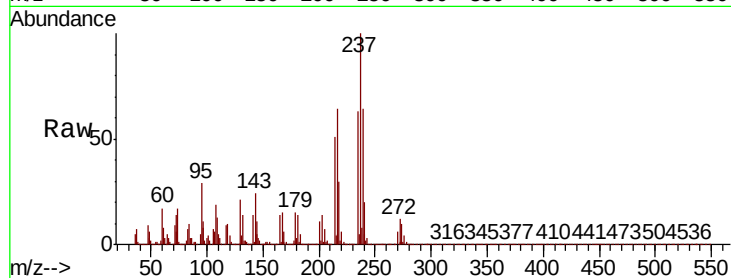




#41
Hexachlorocyclopentadiene
Concen: 123.376 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.9	81.9
272	11.6	0.0	32.4

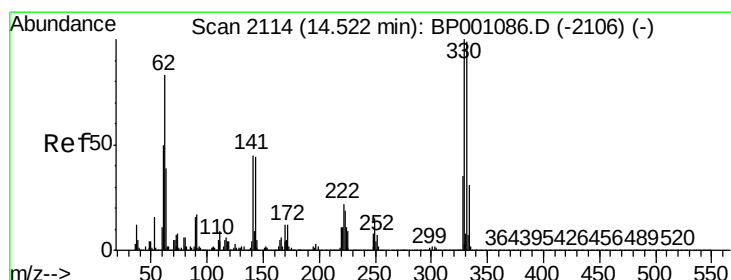
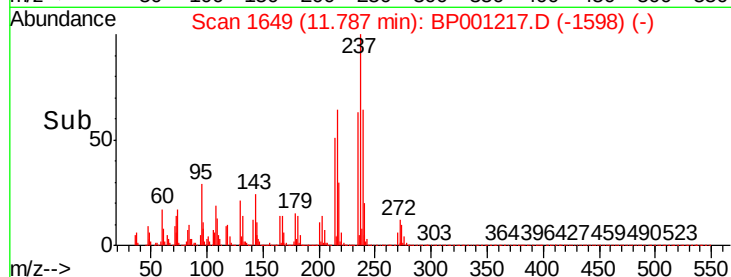
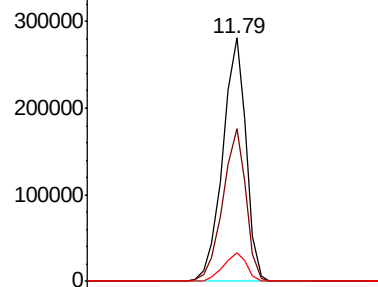


Abundance

Ion 236.80 (236.50 to 237.50): E

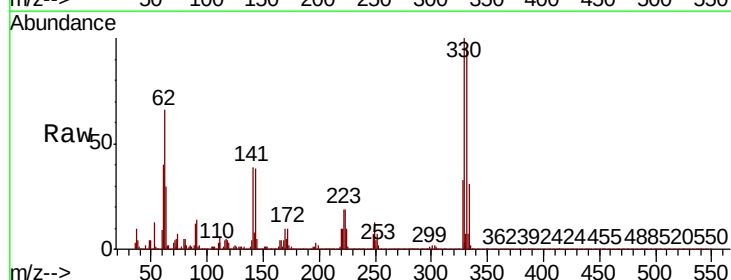
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 130.905 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.1	118.7
141	45.0	35.9	53.9

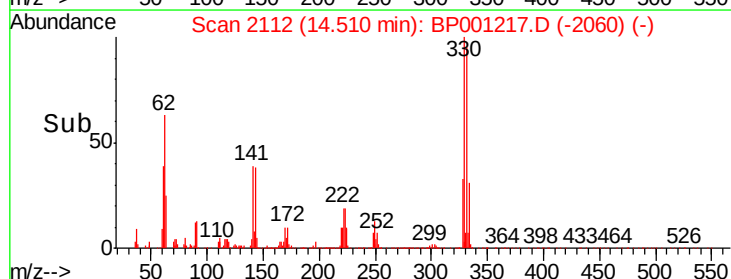
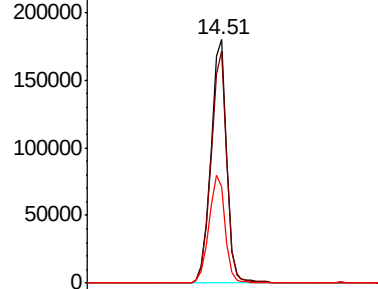


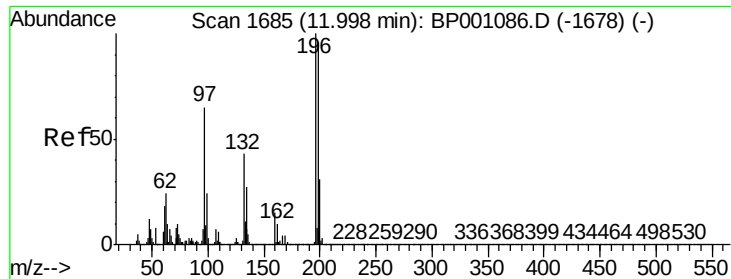
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

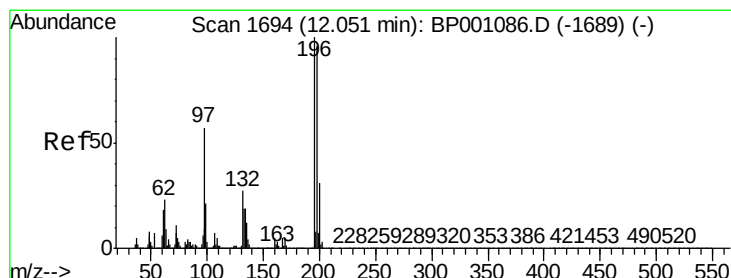
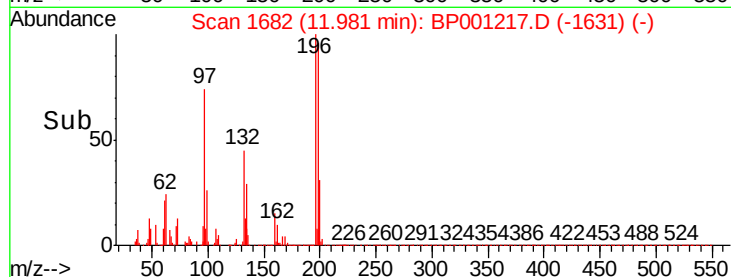
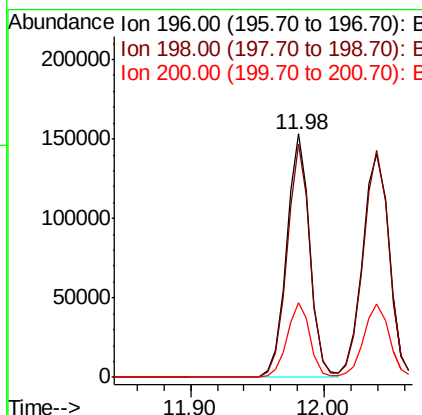
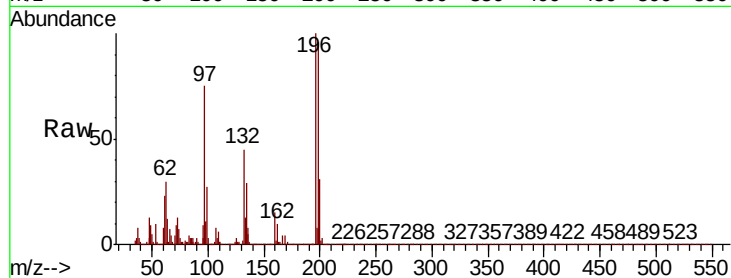




#43
2,4,6-Trichlorophenol
Concen: 49.843 ng
RT: 11.98 min Scan# 1682
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

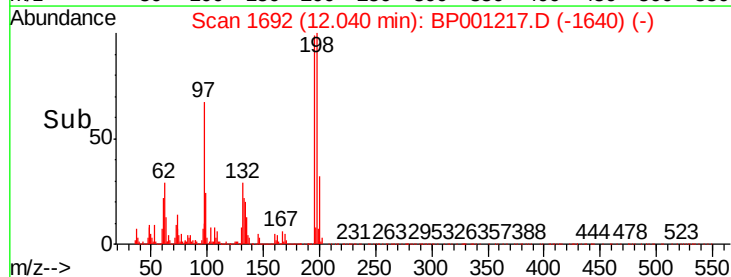
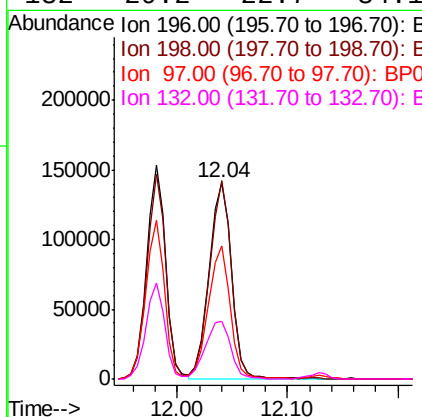
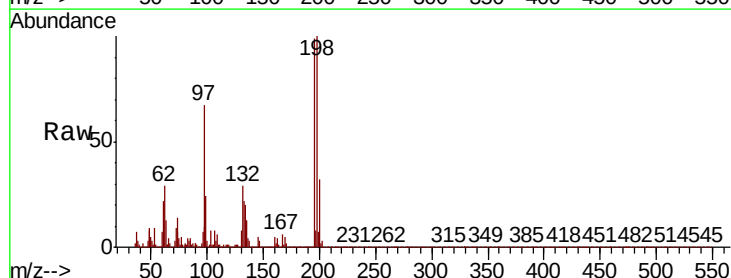
Instrument :
BNA_P
ClientSampleId :

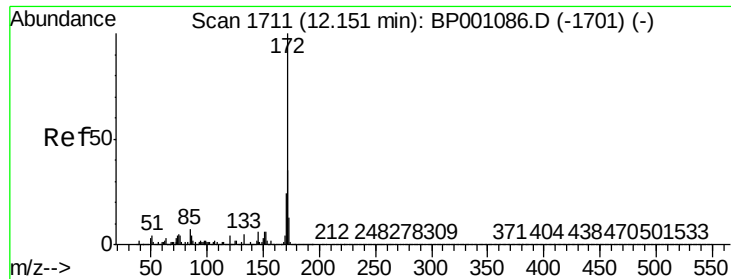
Tot Ion:196 Resp: 185679
Ion Ratio Lower Upper
196 100
198 95.9 77.4 116.0
200 30.7 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 50.580 ng
RT: 12.04 min Scan# 1692
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:196 Resp: 195231
Ion Ratio Lower Upper
196 100
198 101.5 75.7 113.5
97 68.0 51.3 76.9
132 29.2 22.7 34.1

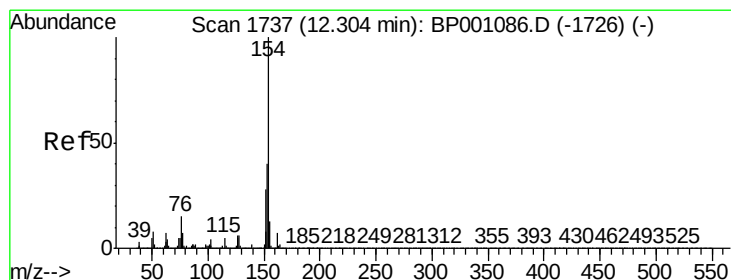
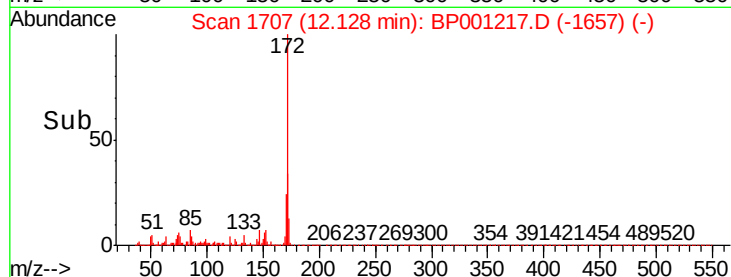
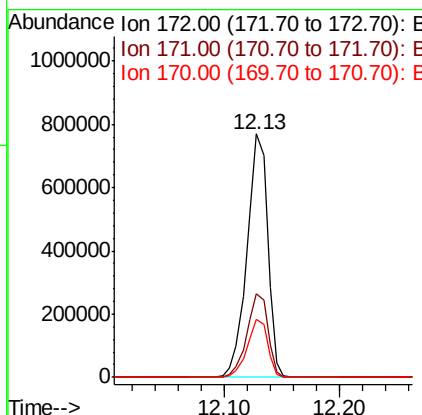
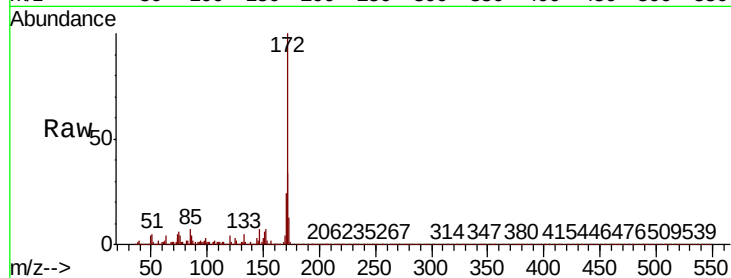




#45
2-Fluorobiphenyl
Concen: 77.487 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

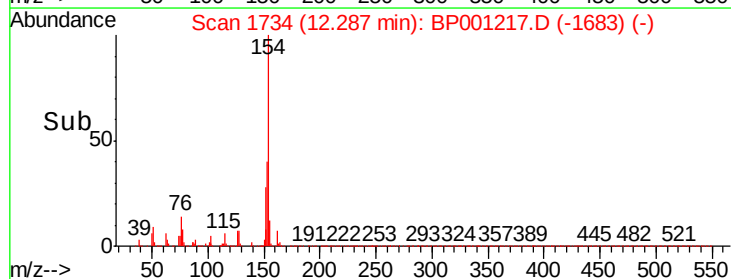
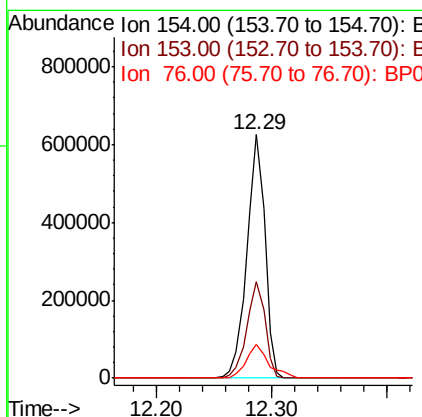
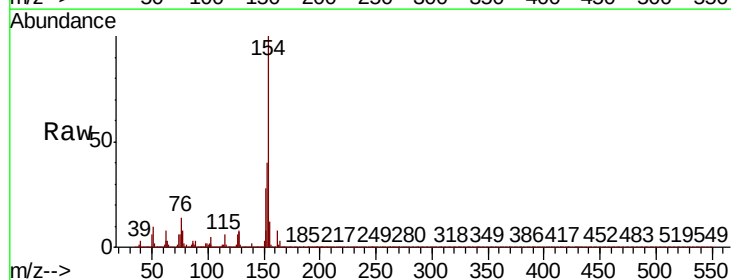
Instrument :
BNA_P
ClientSampled :

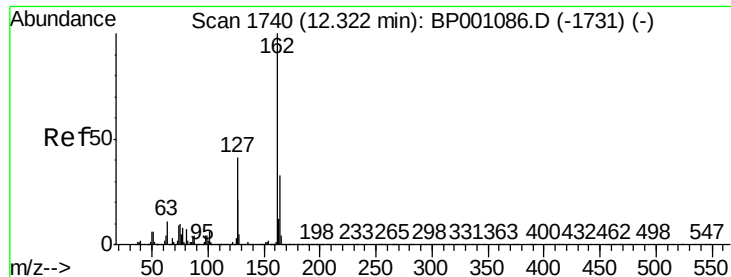
Tot Ion:172 Resp: 958498
Ion Ratio Lower Upper
172 100
171 34.5 28.7 43.1
170 23.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 48.442 ng
RT: 12.29 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:154 Resp: 677775
Ion Ratio Lower Upper
154 100
153 39.7 19.3 59.3
76 14.0 0.0 34.2

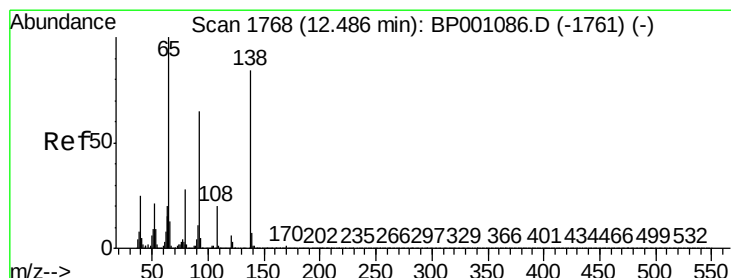
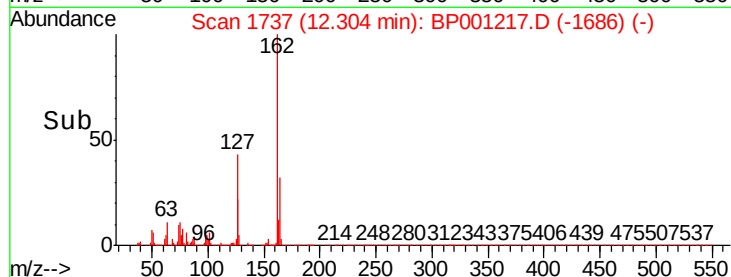
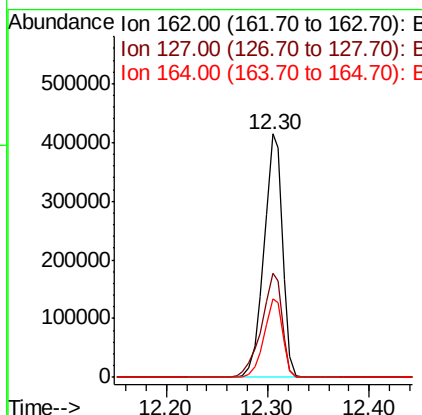
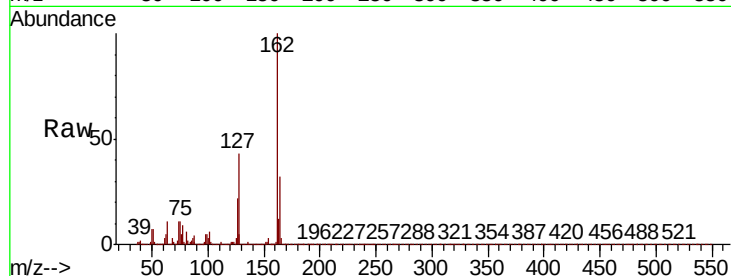




#47
2-Chloronaphthalene
Concen: 47.445 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

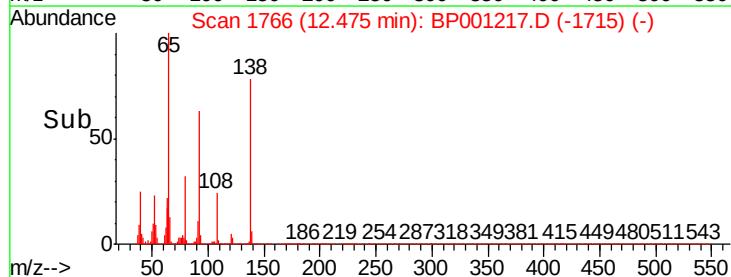
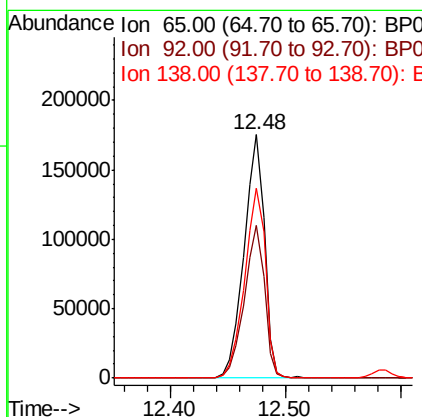
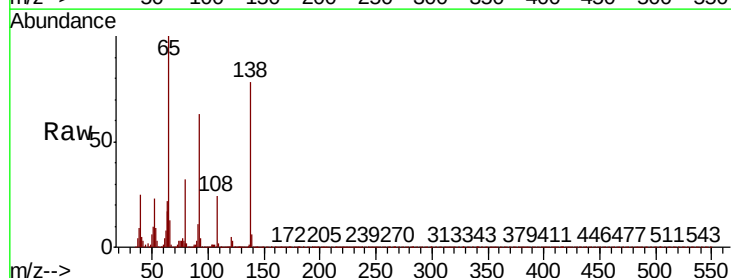
Instrument :
BNA_P
ClientSampled :

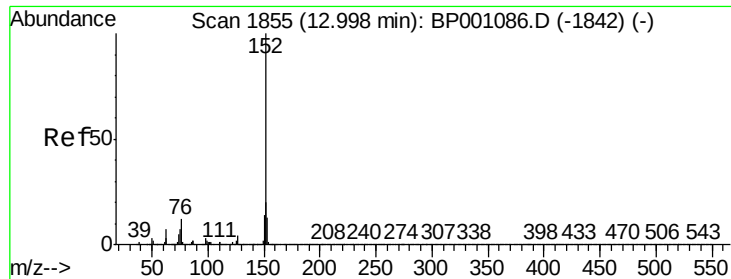
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	34.4	51.6
164	32.2	26.2	39.4



#48
2-Nitroaniline
Concen: 49.137 ng
RT: 12.48 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	49.4	74.2
138	78.1	64.8	97.2





#49

Acenaphthylene

Concen: 50.275 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BP001217.D

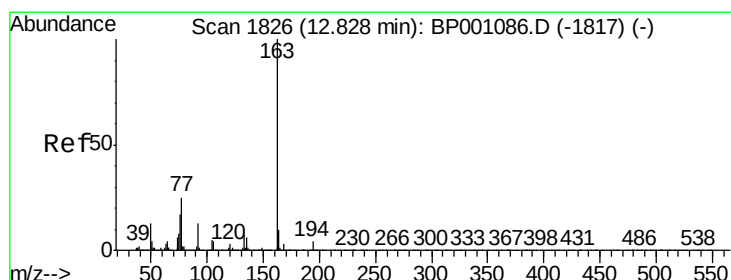
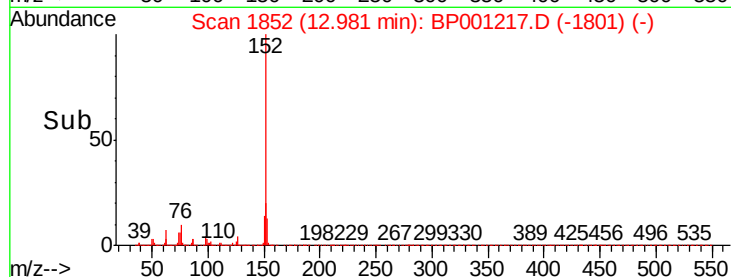
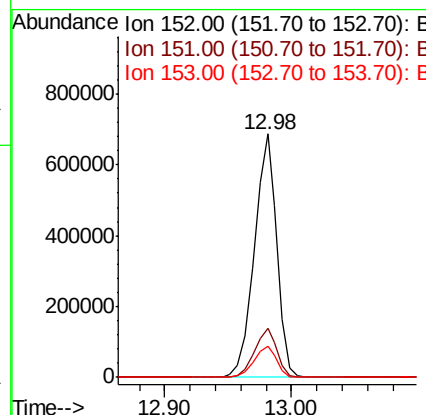
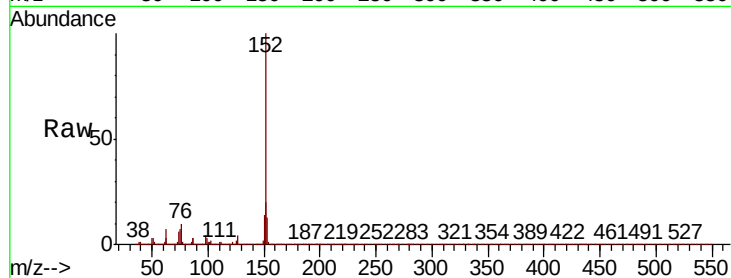
Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	842235
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.0	10.3	15.5



#50

Dimethylphthalate

Concen: 54.447 ng

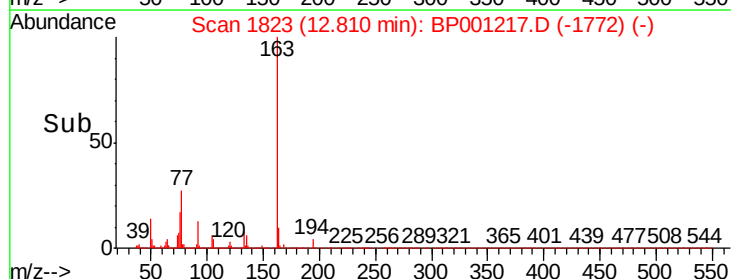
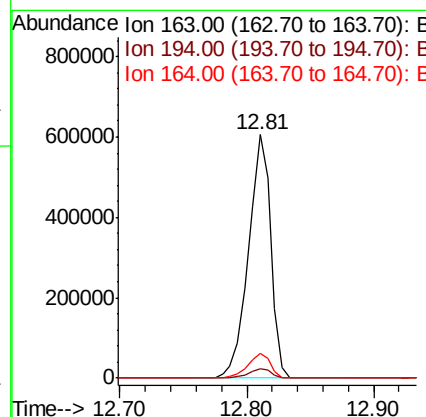
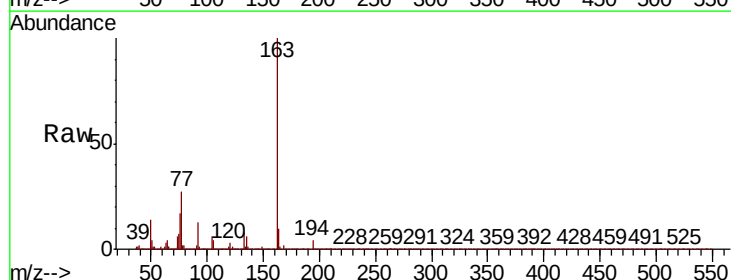
RT: 12.81 min Scan# 1823

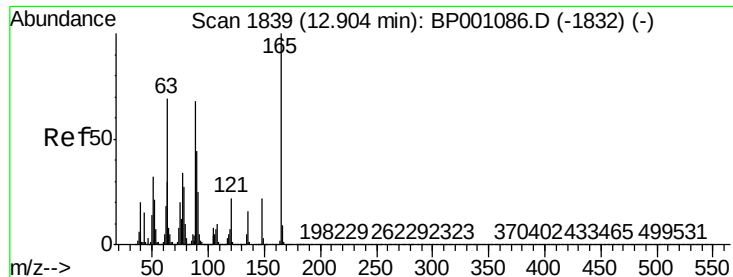
Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:	163	Resp:	737227
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.0	8.2	12.4

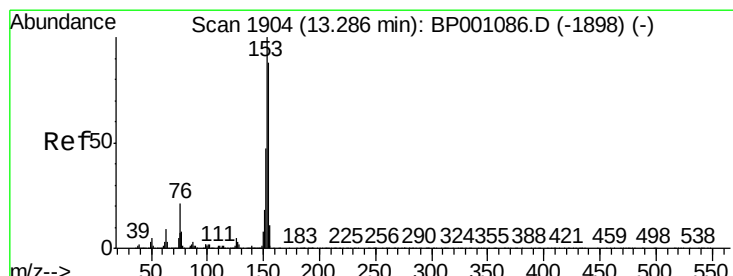
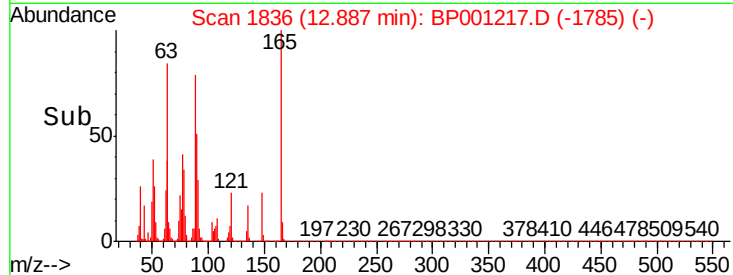
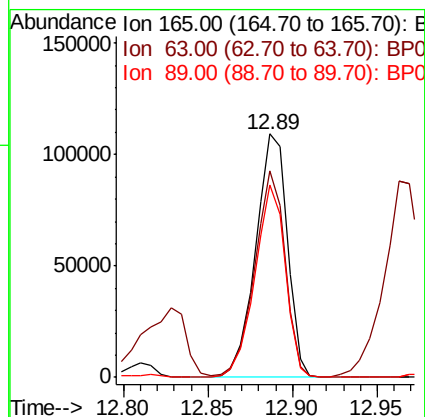
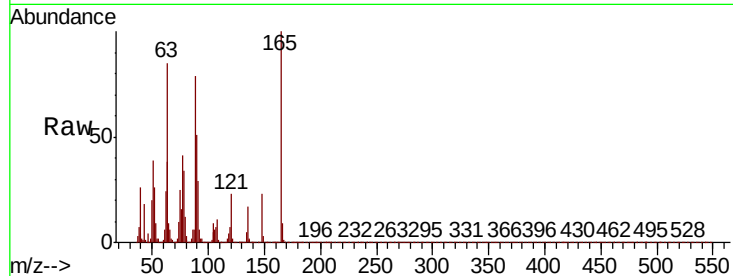




#51
2,6-Dinitrotoluene
Concen: 49.229 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

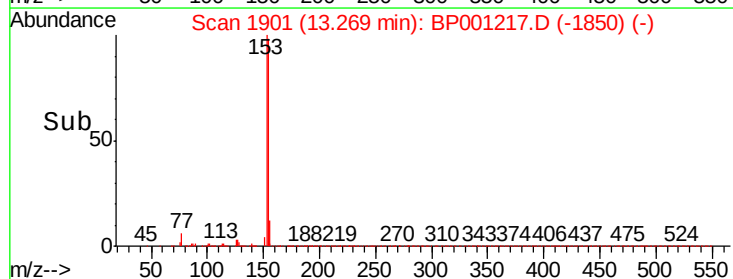
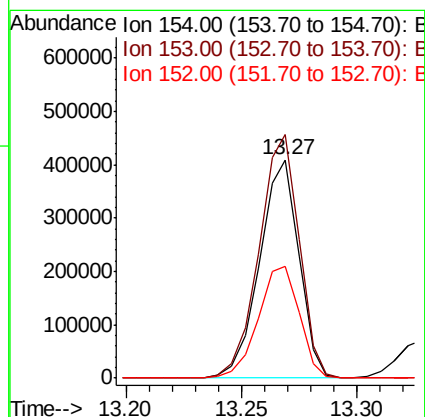
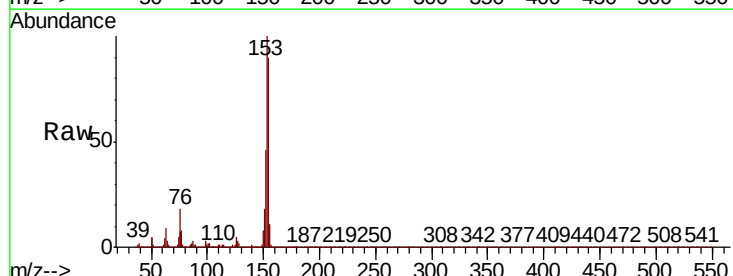
Instrument :
BNA_P
ClientSampled :

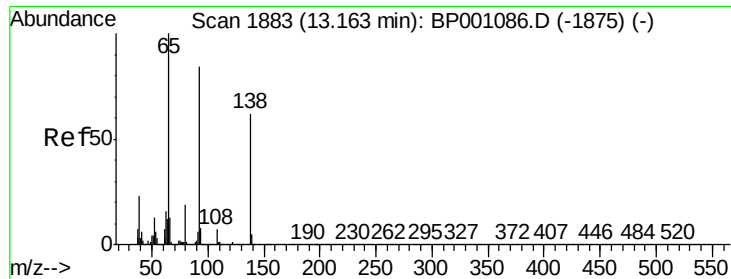
Tot Ion:165 Resp: 142691
Ion Ratio Lower Upper
165 100
63 84.7 64.1 96.1
89 79.0 61.8 92.6



#52
Acenaphthene
Concen: 48.299 ng
RT: 13.27 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:154 Resp: 486719
Ion Ratio Lower Upper
154 100
153 111.5 90.3 135.5
152 51.5 42.9 64.3

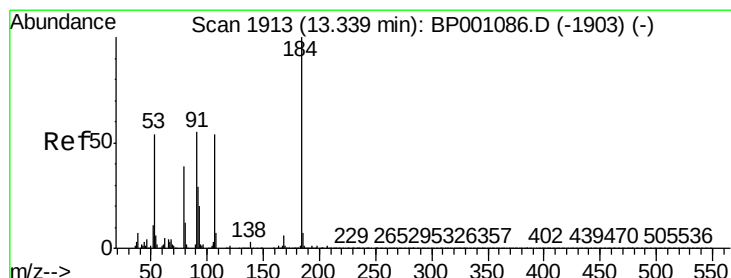
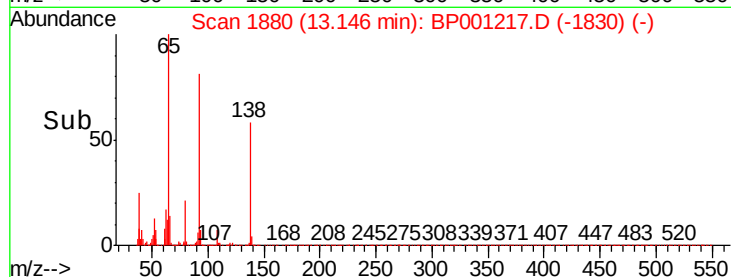
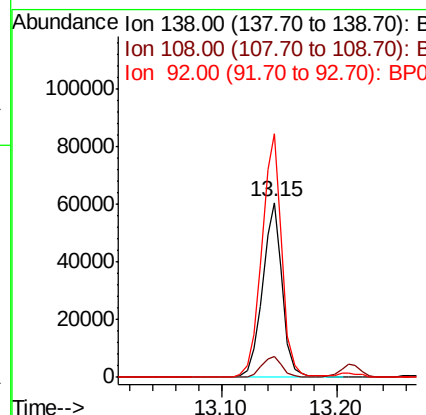
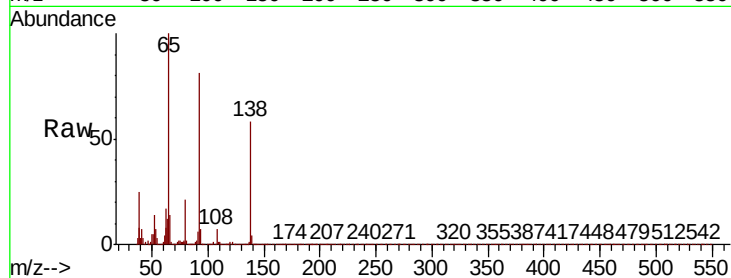




#53
3-Nitroaniline
Concen: 22.191 ng
RT: 13.15 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

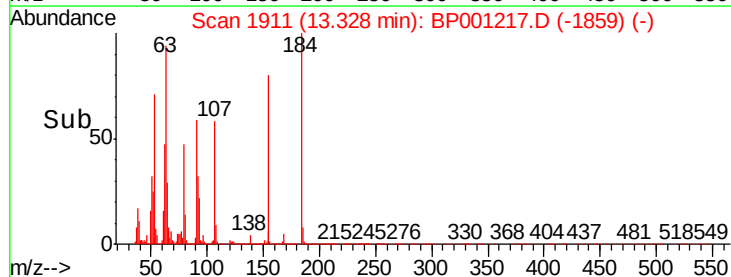
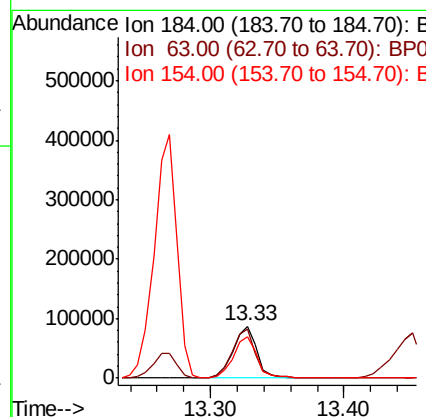
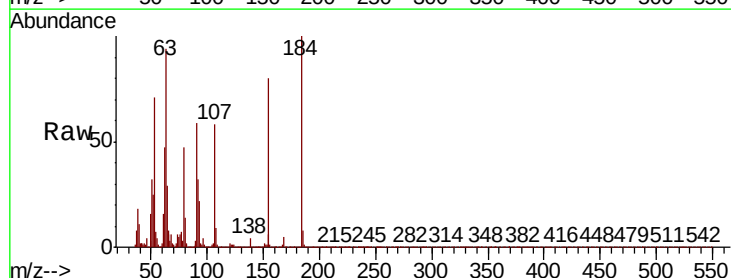
Instrument :
BNA_P
ClientSampled :

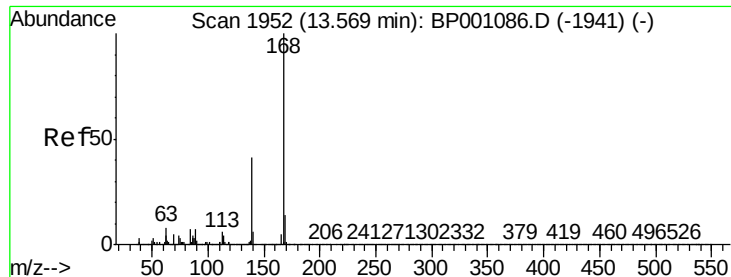
Tot Ion:138 Resp: 72254
Ion Ratio Lower Upper
138 100
108 12.2 10.1 15.1
92 139.4 113.1 169.7



#54
2,4-Dinitrophenol
Concen: 91.185 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:184 Resp: 109247
Ion Ratio Lower Upper
184 100
63 94.2 69.4 104.0
154 79.7 57.4 86.2





#55

Dibenzofuran

Concen: 49.744 ng

RT: 13.55 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

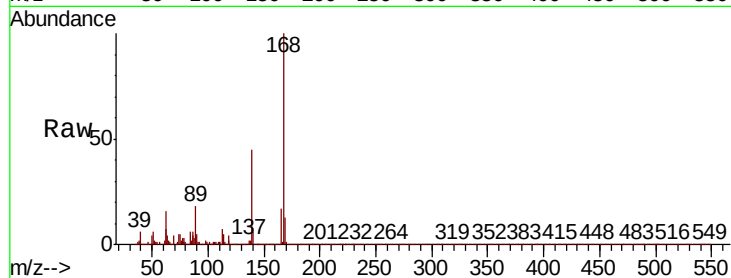
Tot Ion:168 Resp: 753271

Ion Ratio Lower Upper

168 100

139 44.5 34.5 51.7

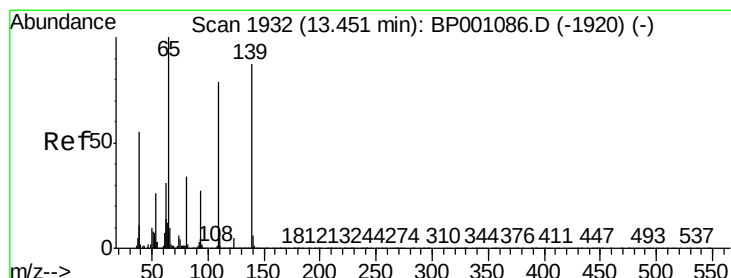
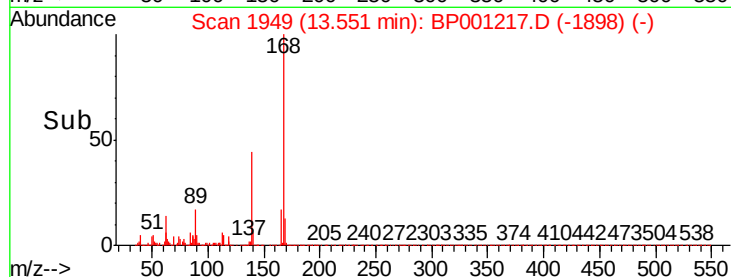
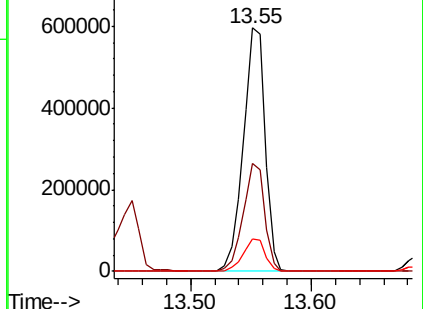
169 13.5 10.8 16.2



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: 102.986 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

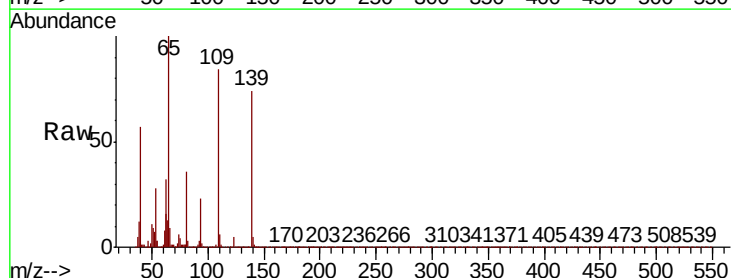
Tgt Ion:139 Resp: 237609

Ion Ratio Lower Upper

139 100

109 113.5 87.8 127.8

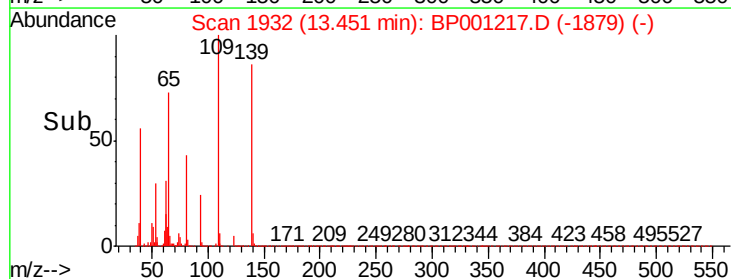
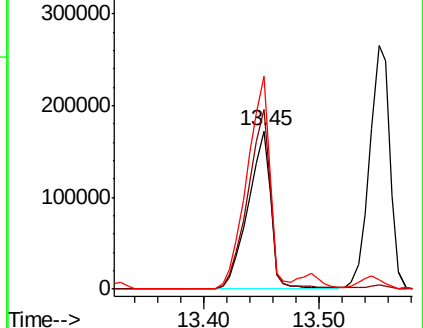
65 134.7 111.9 151.9

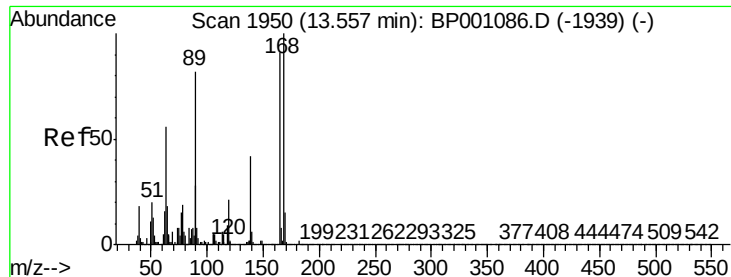


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

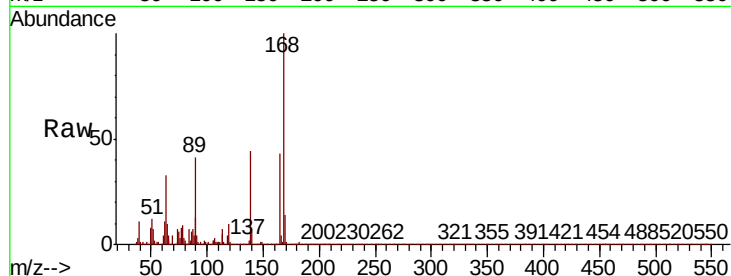




#57
2,4-Dinitrotoluene
Concen: 52.472 ng
RT: 13.55 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	76.8	58.3	87.5
89	95.7	79.8	119.8
182	2.6	2.2	3.2



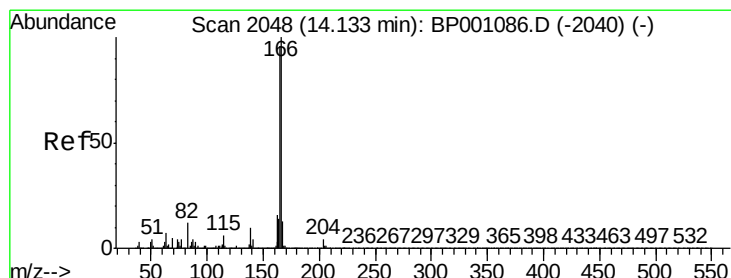
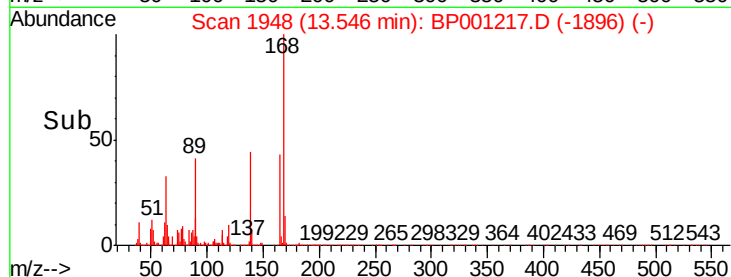
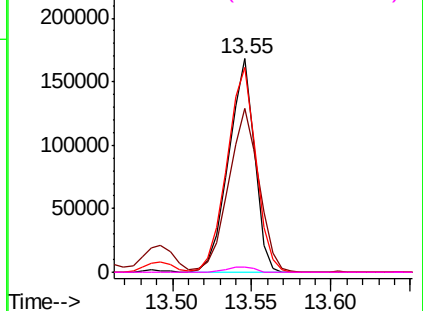
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

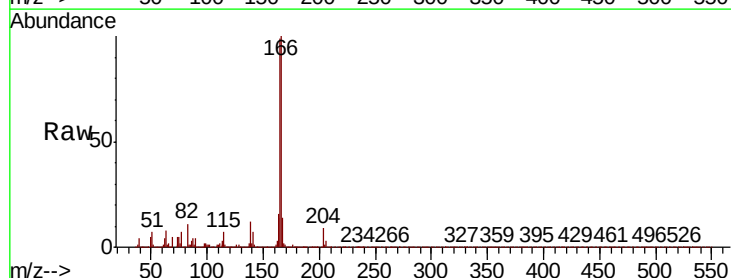
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.980 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	13.6	10.5	15.7

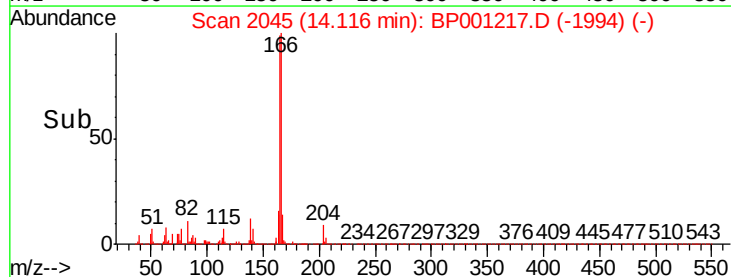
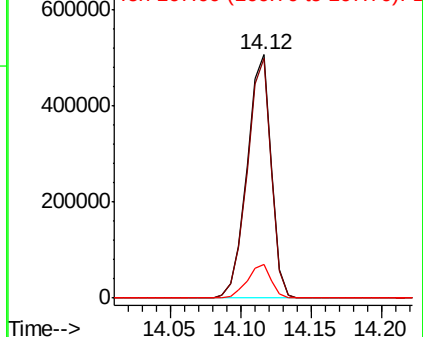


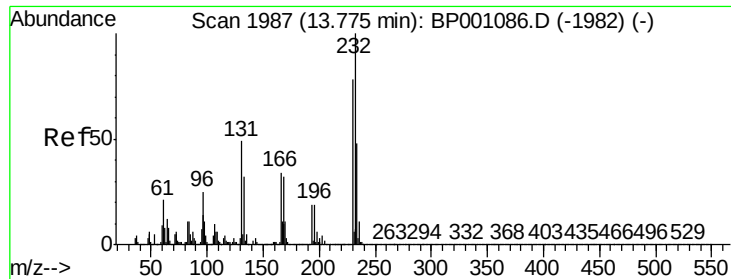
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

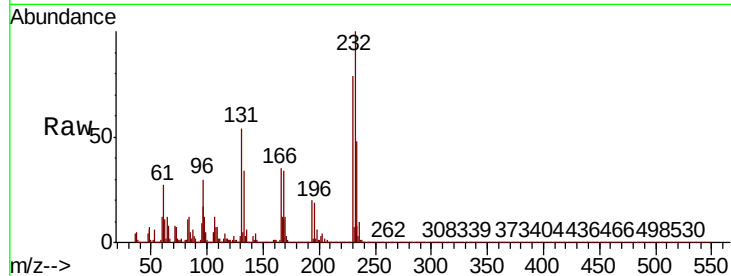




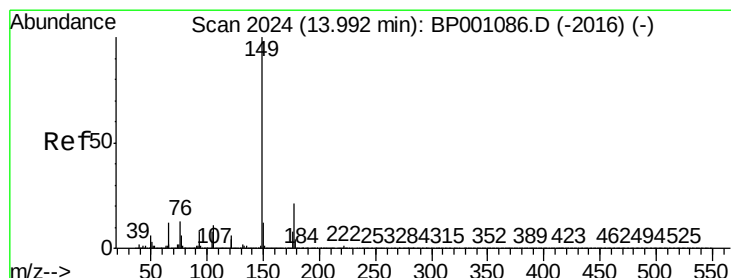
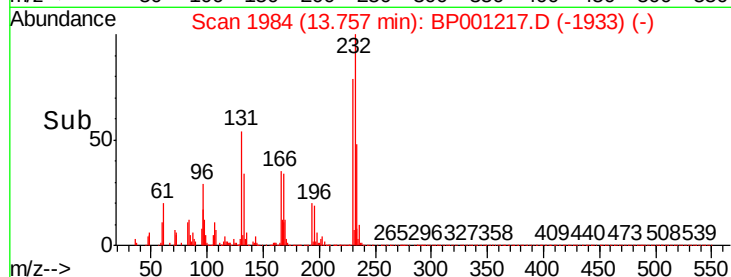
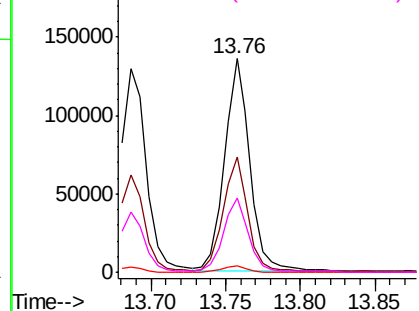
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.980 ng
RT: 13.76 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Instrument :
BNA_P
ClientSampled :

Tot Ion:	232	Resp:	161752
Ion	Ratio	Lower	Upper
232	100		
131	53.1	41.4	62.0
130	3.0	2.2	3.4
166	35.3	26.5	39.7

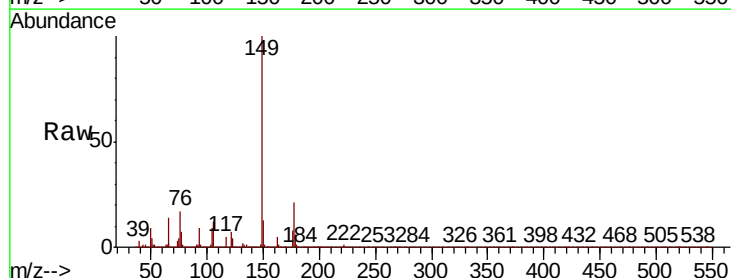


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

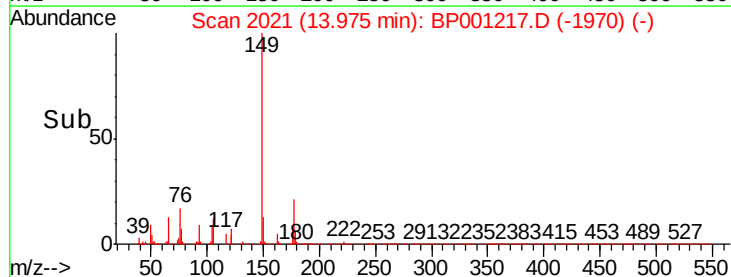
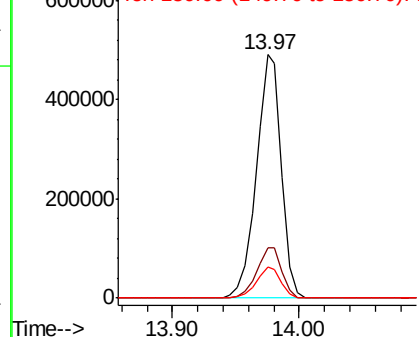


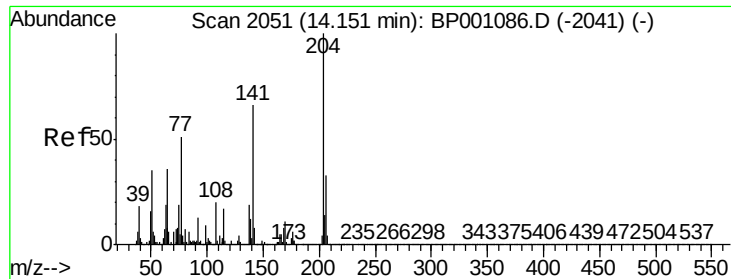
#60
Diethylphthalate
Concen: 47.721 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:	149	Resp:	669054
Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.4
150	13.0	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

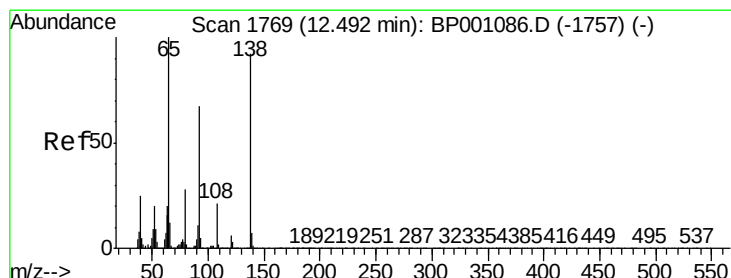
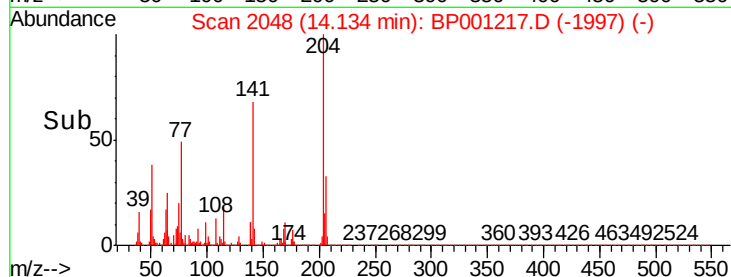
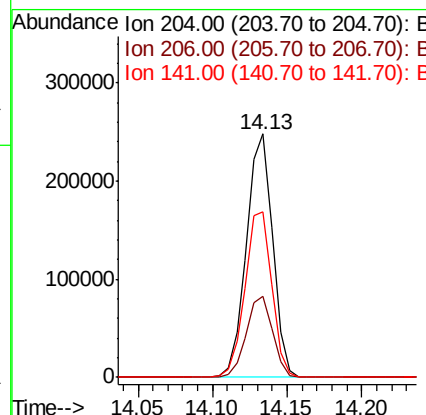
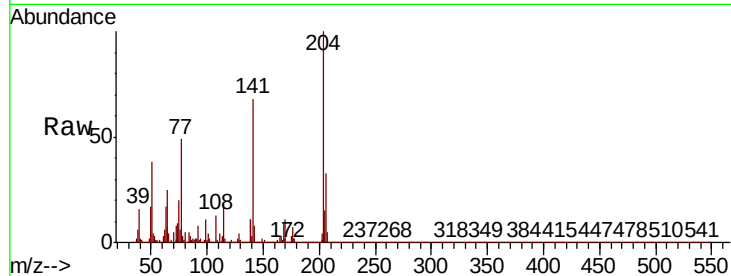




#61
4-Chlorophenyl-phenylether
Concen: 48.839 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

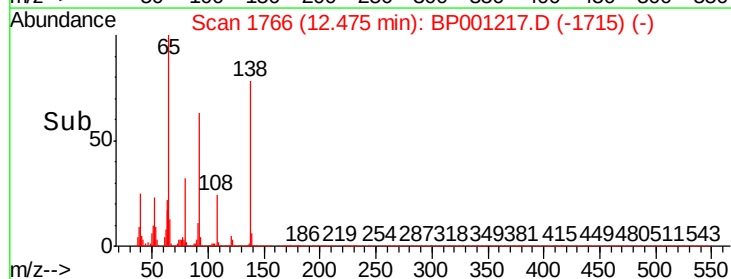
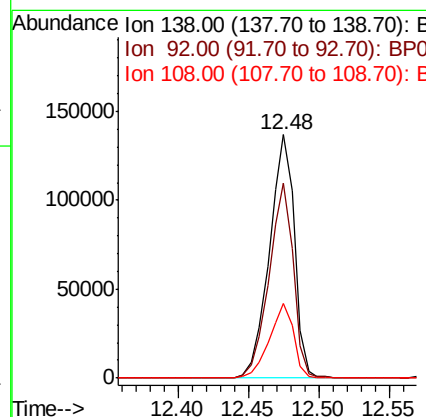
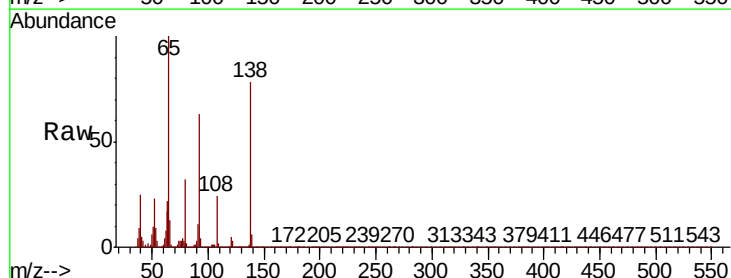
Instrument :
BNA_P
ClientSampleId :

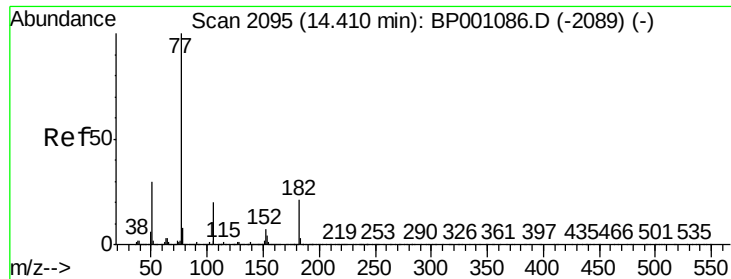
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	68.2	54.9	82.3



#62
4-Nitroaniline
Concen: 45.280 ng
RT: 12.48 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	80.3	56.3	96.3
108	30.5	8.3	48.3





#63

Azobenzene

Concen: 49.073 ng

RT: 14.39 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 743673

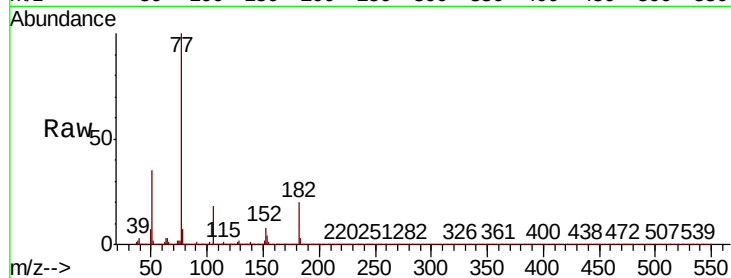
Ion Ratio Lower Upper

77 100

182 20.3 1.1 41.1

105 18.4 0.0 39.5

51 34.7 13.5 53.5

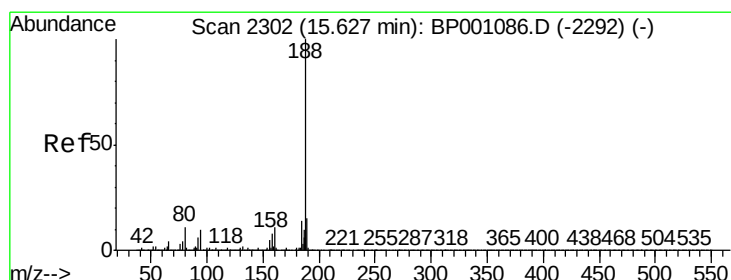
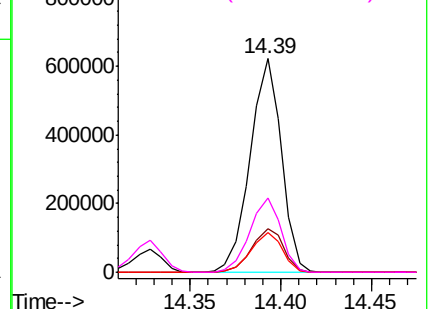
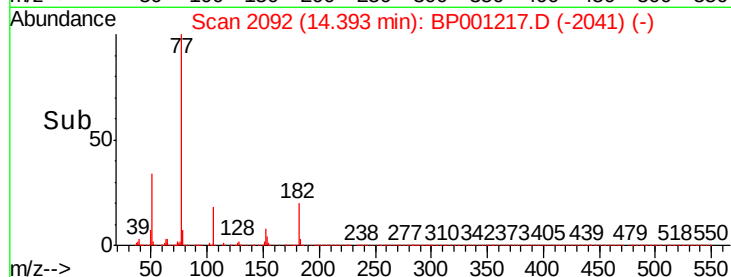


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

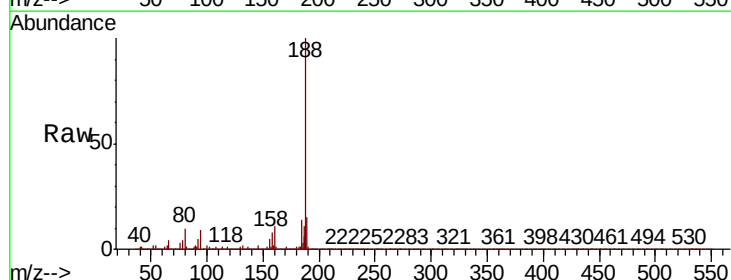
Tgt Ion: 188 Resp: 360670

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

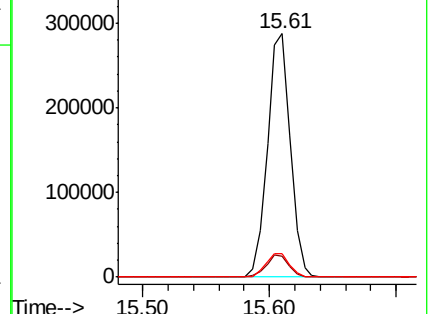
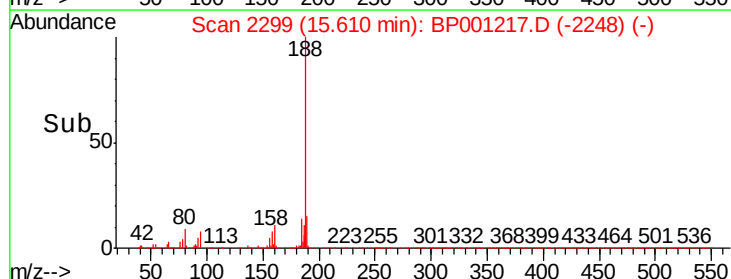
80 9.6 7.8 11.6

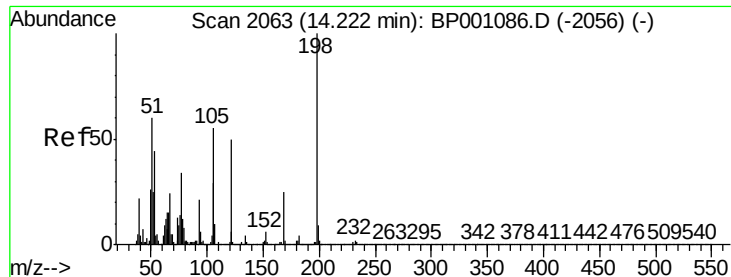


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

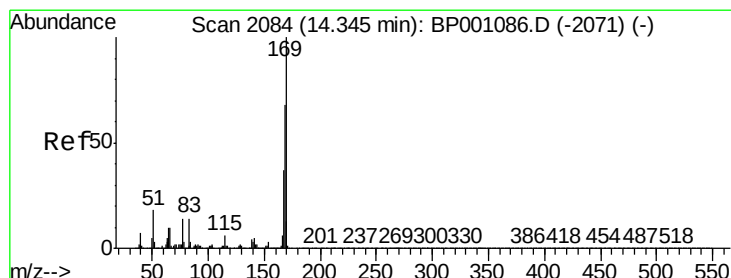
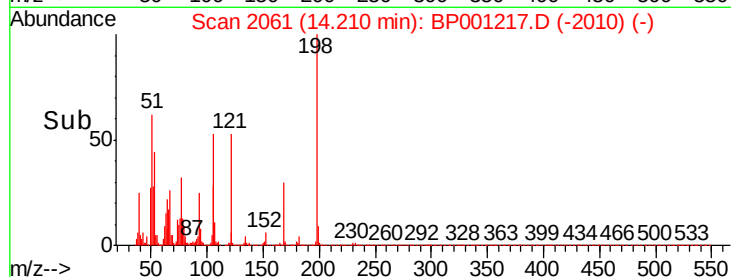
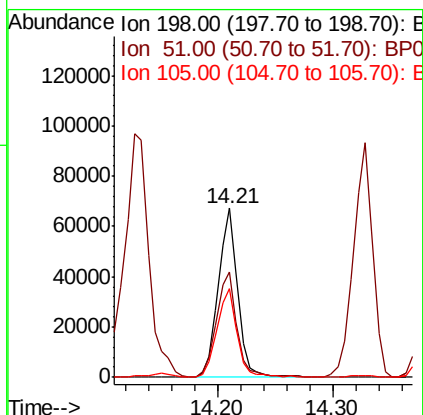
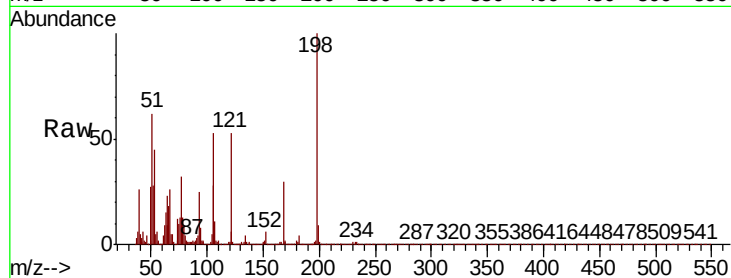




#65
4,6-Dinitro-2-methylphenol
Concen: 50.665 ng
RT: 14.21 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

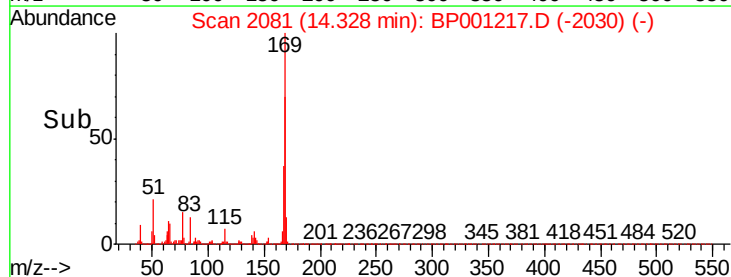
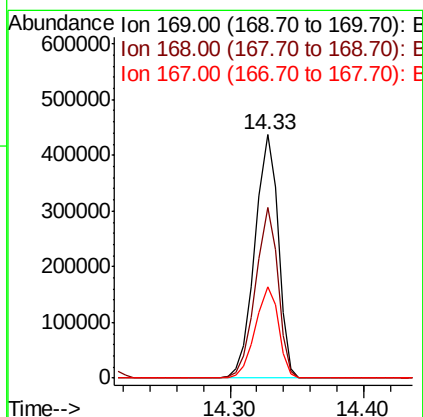
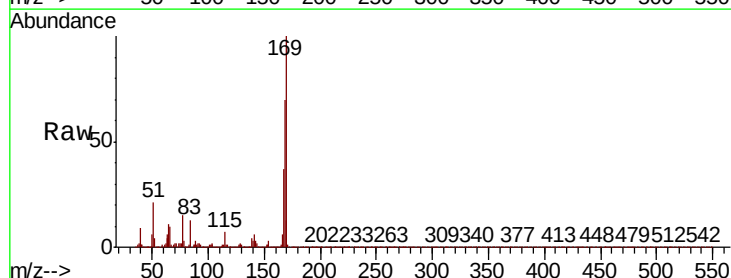
Instrument :
BNA_P
ClientSampleId :

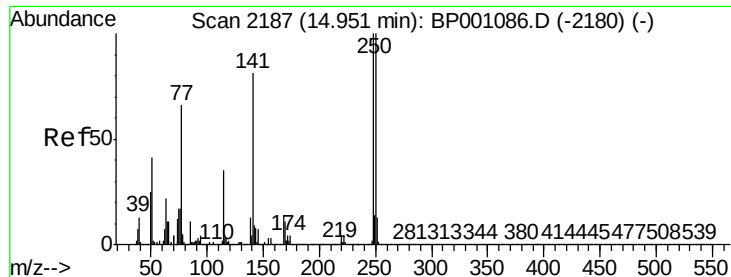
Tot Ion:198 Resp: 78992
Ion Ratio Lower Upper
198 100
51 62.4 36.2 76.2
105 52.9 30.2 70.2



#66
n-Nitrosodiphenylamine
Concen: 47.885 ng
RT: 14.33 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:169 Resp: 524758
Ion Ratio Lower Upper
169 100
168 70.2 53.7 80.5
167 37.5 29.1 43.7

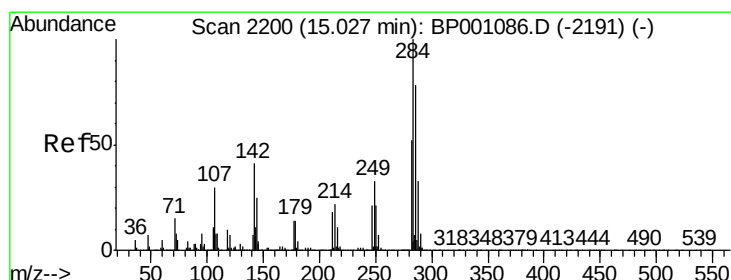
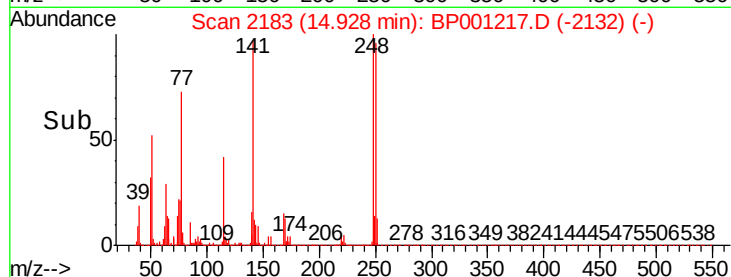
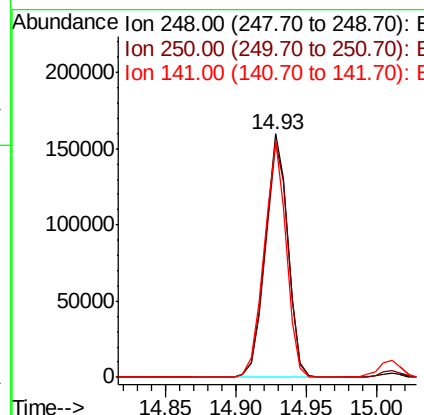
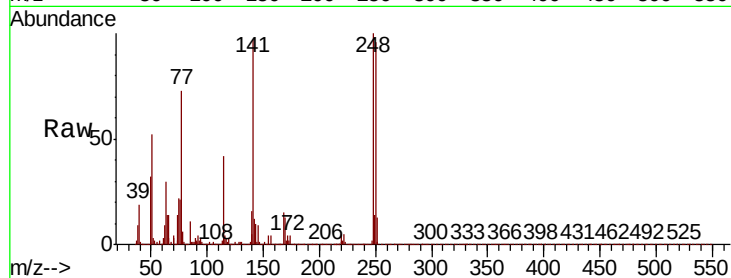




#67
4-Bromophenyl-phenylether
Concen: 46.207 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

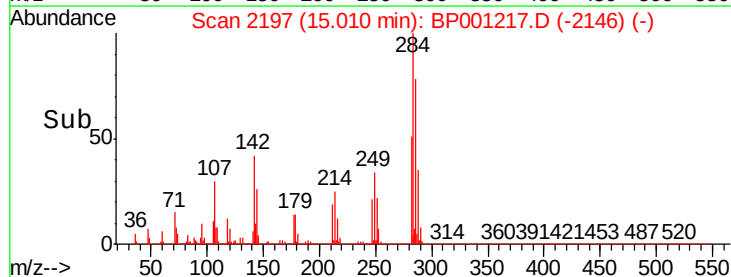
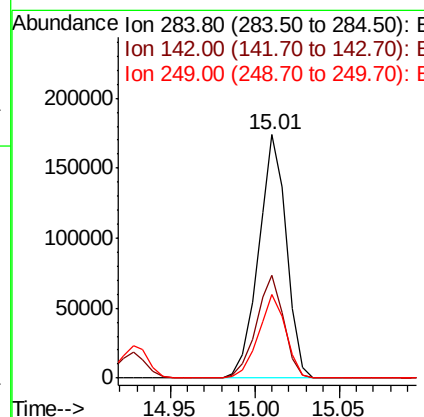
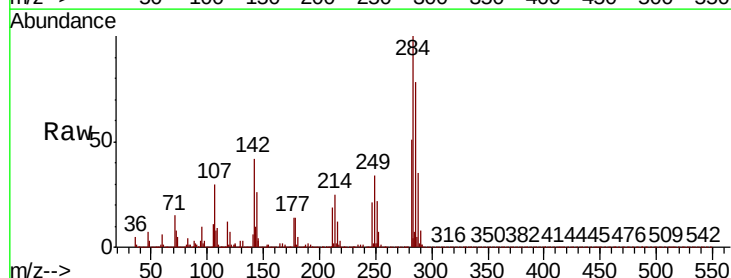
Instrument :
BNA_P
ClientSampleId :

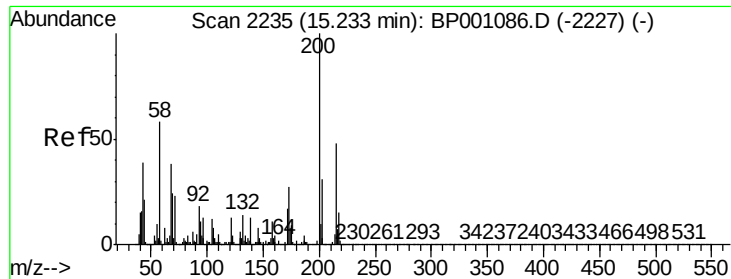
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.6	116.4
141	97.5	74.6	111.8



#68
Hexachlorobenzene
Concen: 45.994 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.5	35.0	52.6
249	34.1	27.6	41.4





#69

Atrazine

Concen: 51.398 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

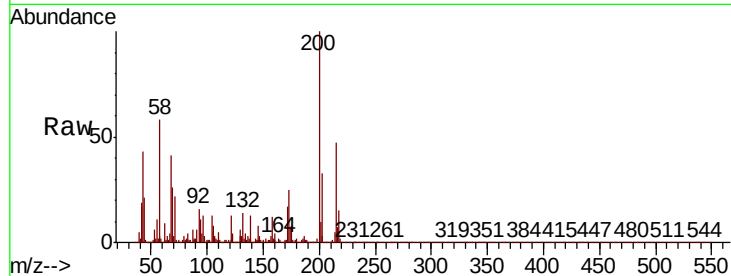
Tot Ion:200 Resp: 171979

Ion Ratio Lower Upper

200 100

173 25.0 6.4 46.4

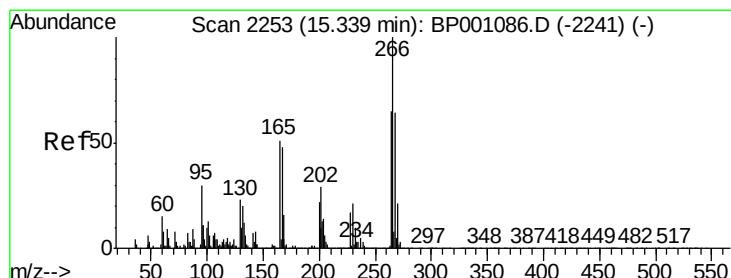
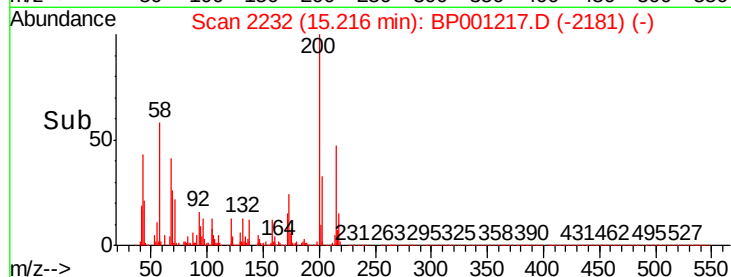
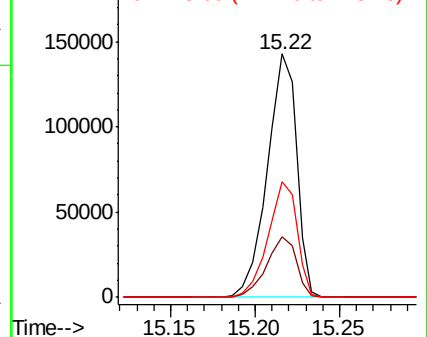
215 47.2 27.7 67.7



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: 108.459 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

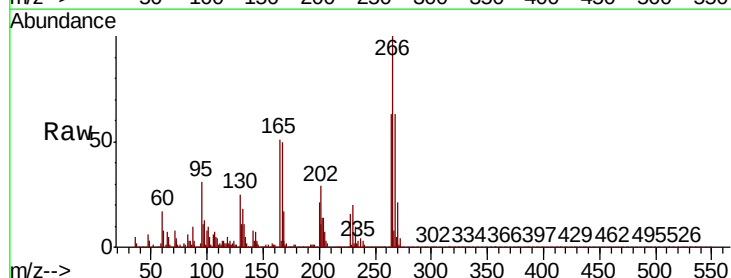
Tgt Ion:266 Resp: 243346

Ion Ratio Lower Upper

266 100

268 63.4 50.6 76.0

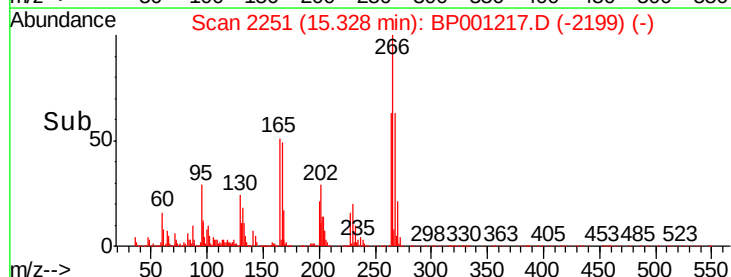
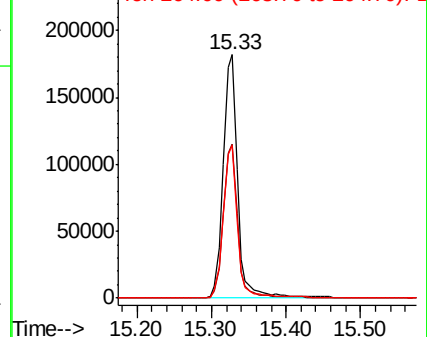
264 62.8 49.9 74.9

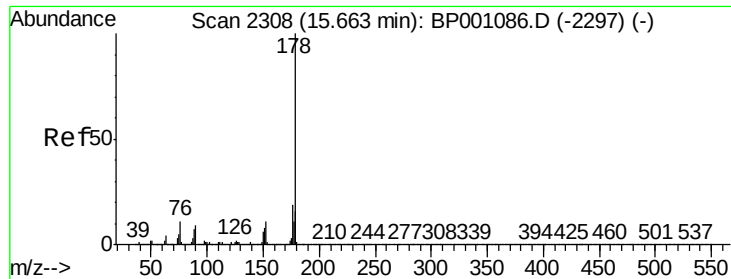


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.587 ng

RT: 15.65 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

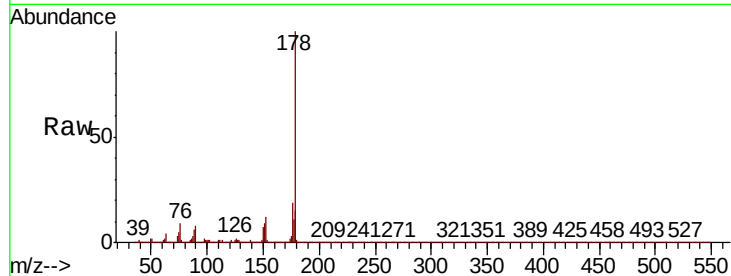
Tot Ion:178 Resp: 921294

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

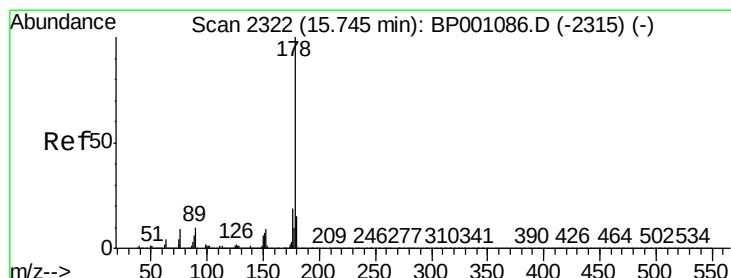
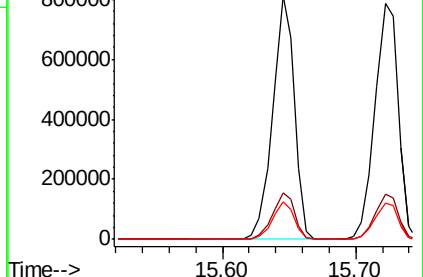
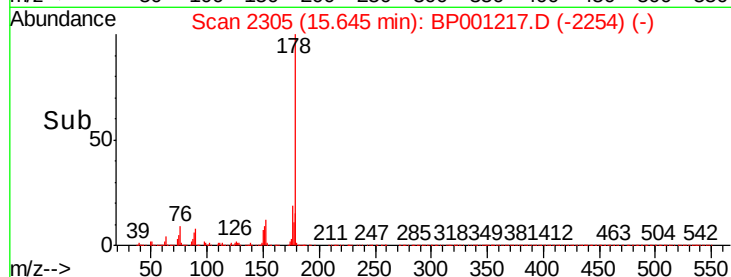
179 15.2 12.4 18.6



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: 50.601 ng

RT: 15.72 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

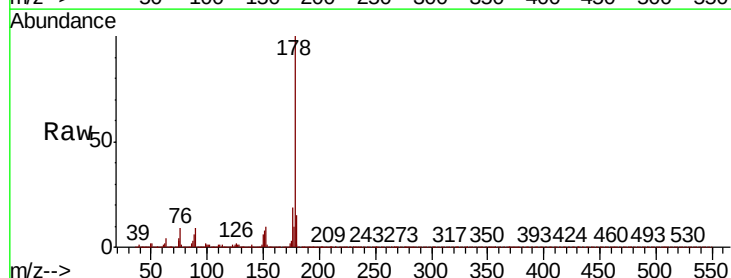
Tgt Ion:178 Resp: 945709

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

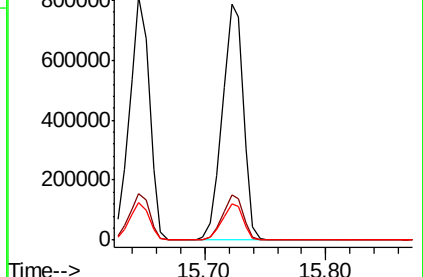
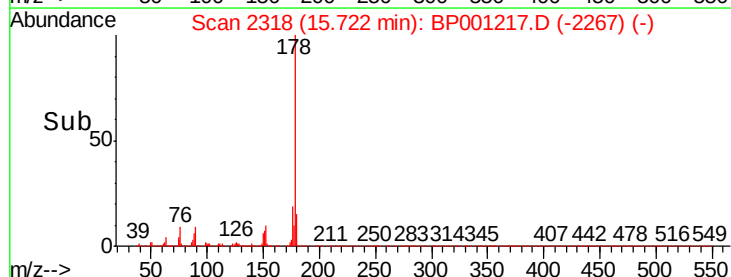
179 15.2 12.7 19.1

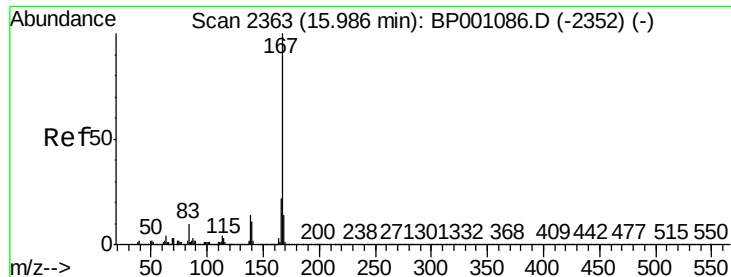


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

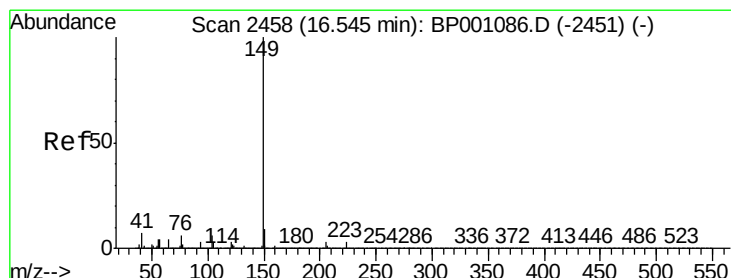
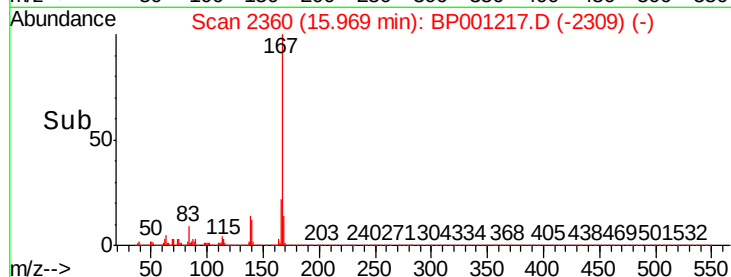
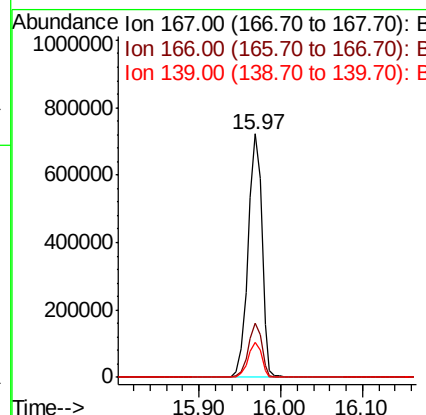
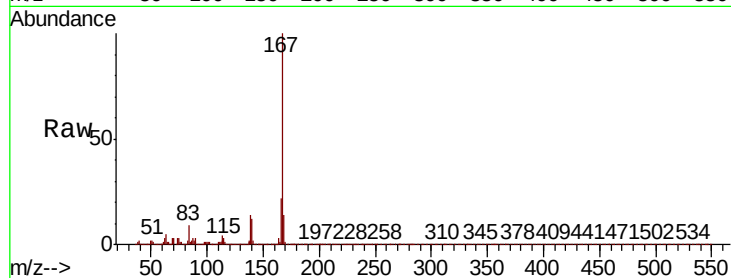




#73
 Carbazole
 Concen: 49.702 ng
 RT: 15.97 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

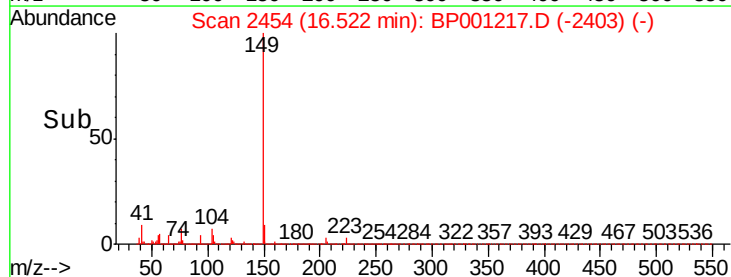
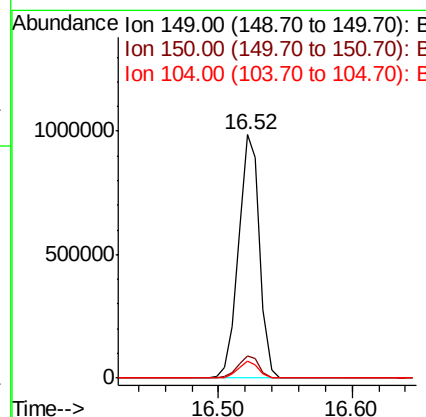
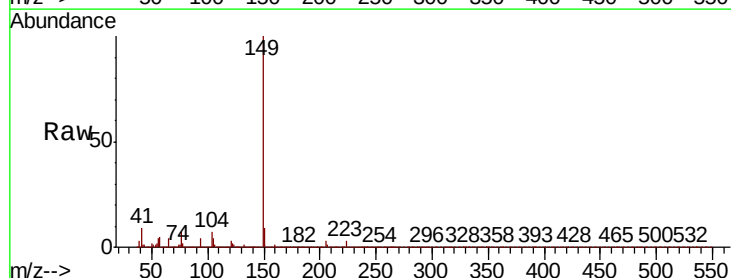
Instrument :
 BNA_P
 ClientSampleId :

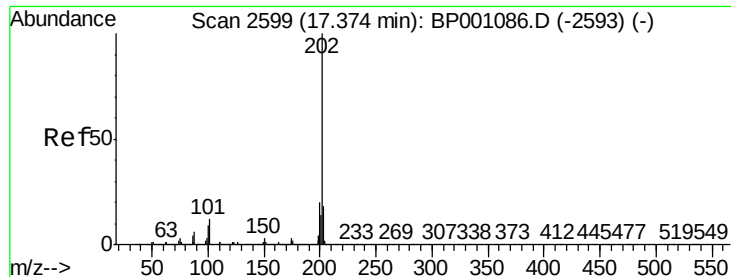
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	14.3	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 47.280 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 50.690 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

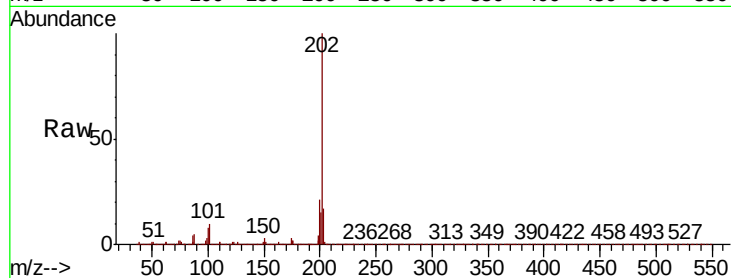
Tot Ion:202 Resp: 1017549

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.0

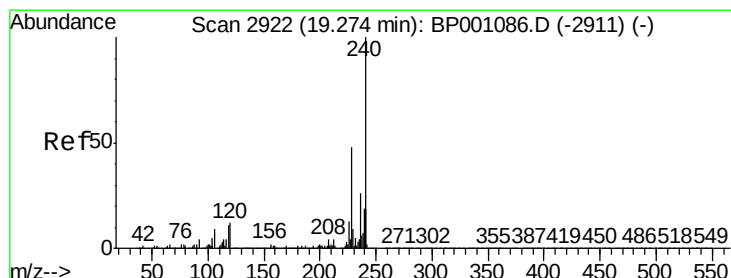
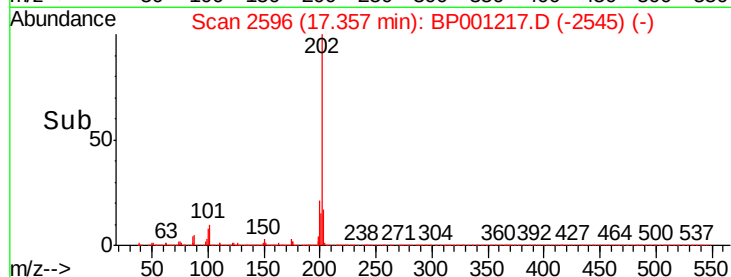
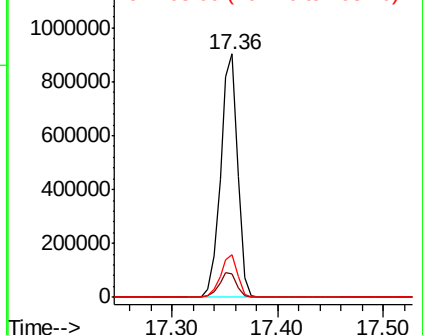
203 17.5 0.0 37.1



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: 19.25 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

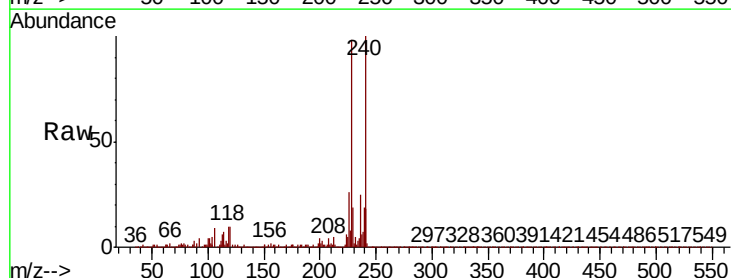
Tgt Ion:240 Resp: 280800

Ion Ratio Lower Upper

240 100

120 10.4 7.0 10.6

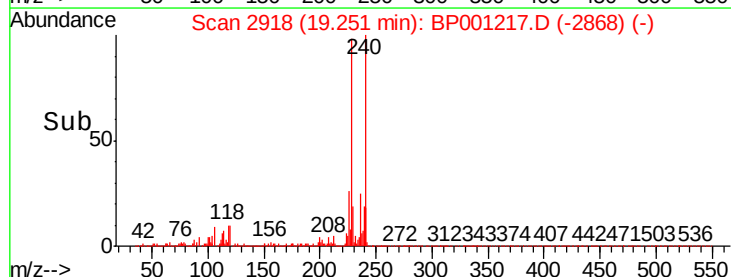
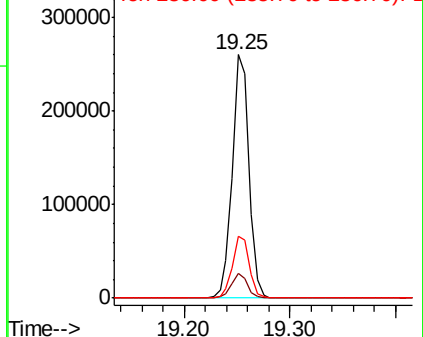
236 25.5 21.7 32.5

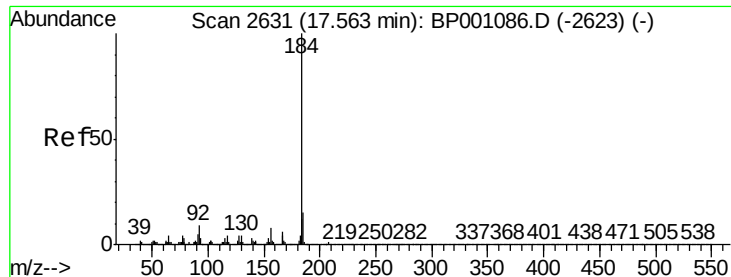


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.070 ng

RT: 17.55 min Scan# 2628

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

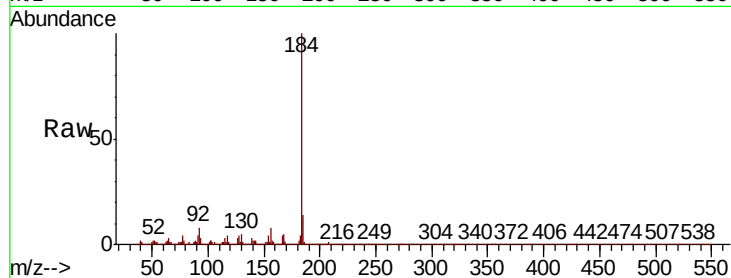
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 312259

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.4	17.0
183	11.9	9.0	13.4

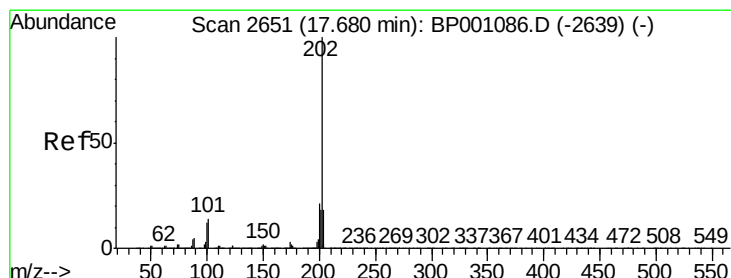
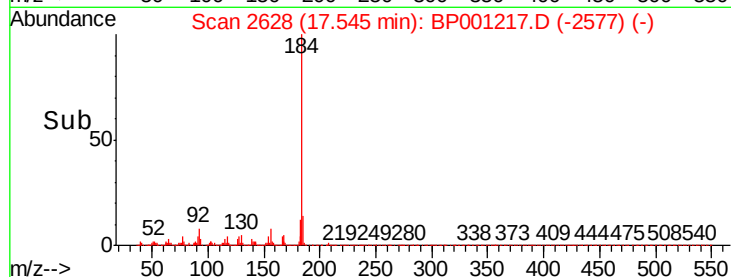
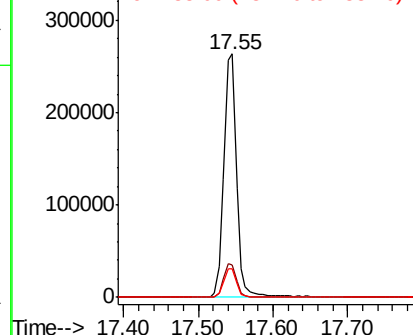


Abundance

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: 47.111 ng

RT: 17.66 min Scan# 2648

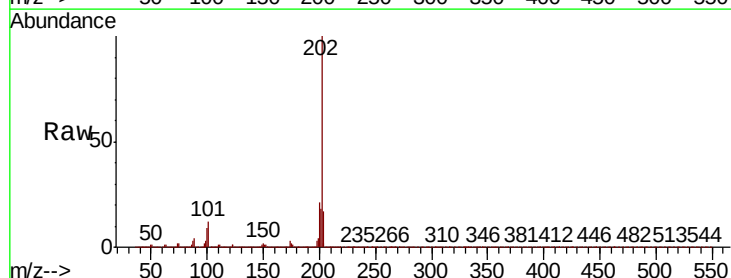
Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:202 Resp: 1041932

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.3	25.9
203	17.4	13.8	20.8

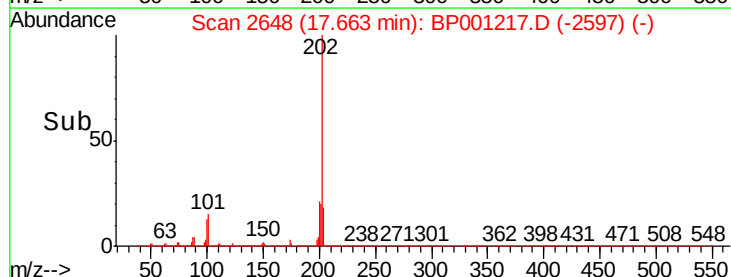
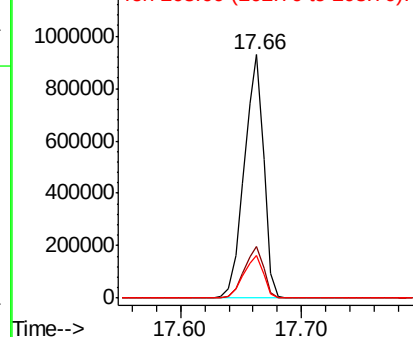


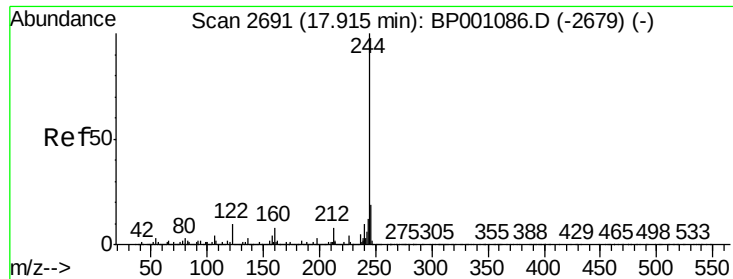
Abundance

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: 77.440 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampleId :

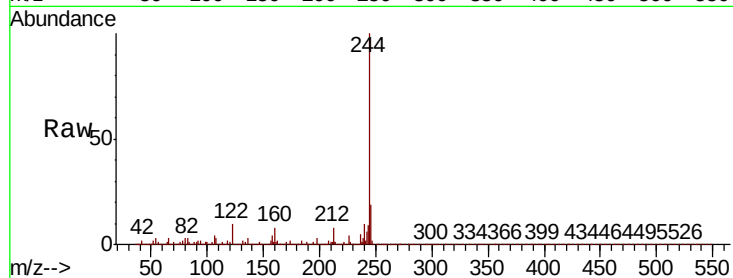
Tot Ion:244 Resp: 1175362

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

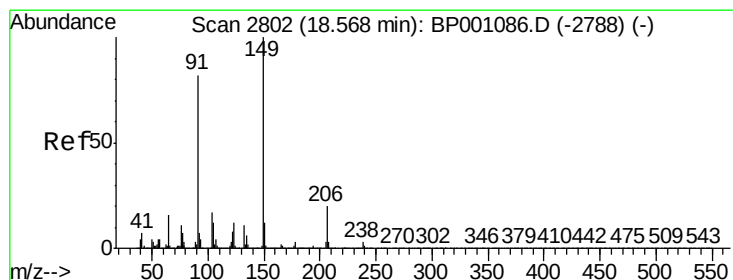
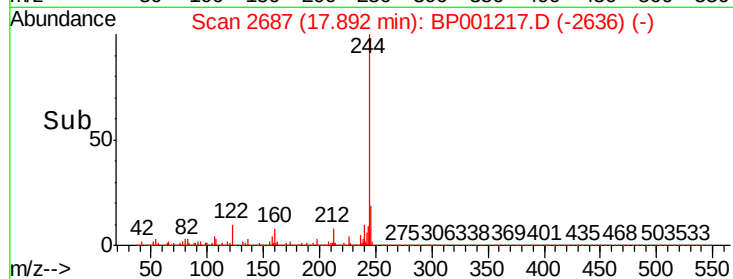
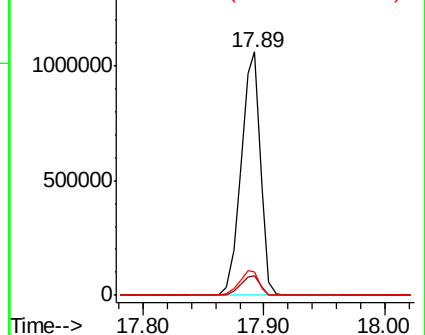
122 9.7 9.2 13.8



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: 46.770 ng

RT: 18.55 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

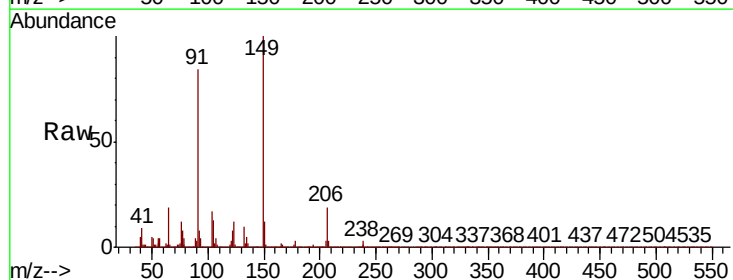
Tgt Ion:149 Resp: 477767

Ion Ratio Lower Upper

149 100

91 84.0 67.4 101.2

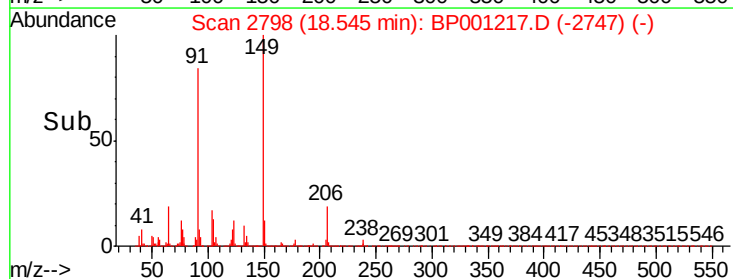
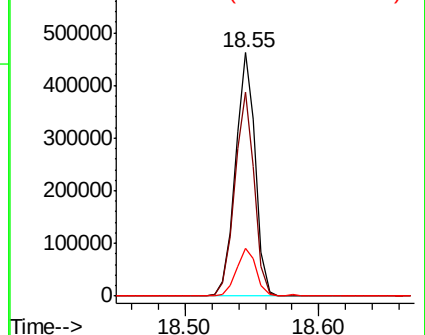
206 19.4 15.0 22.4

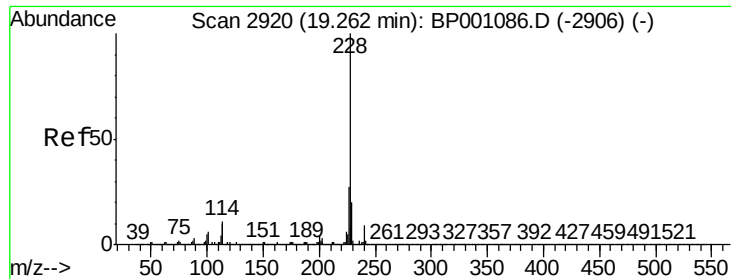


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

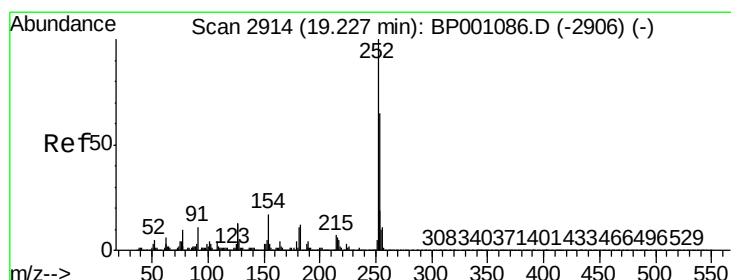
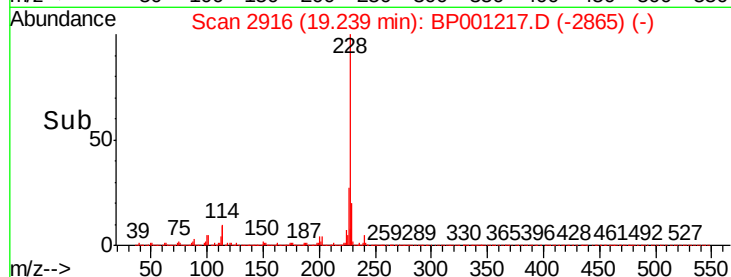
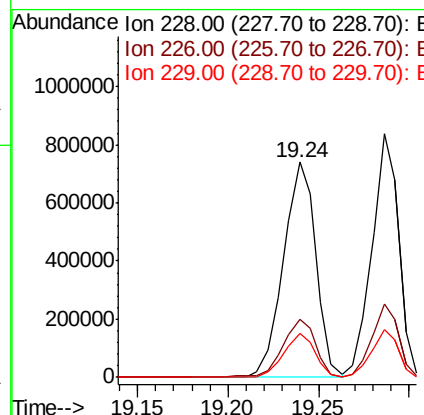
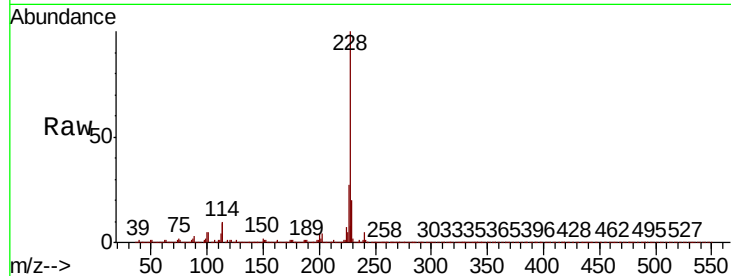




#81
Benzo(a)anthracene
Concen: 47.346 ng
RT: 19.24 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

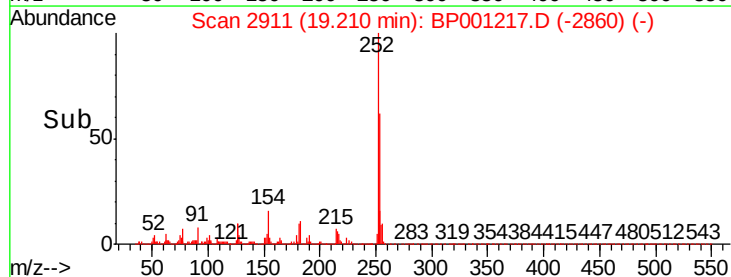
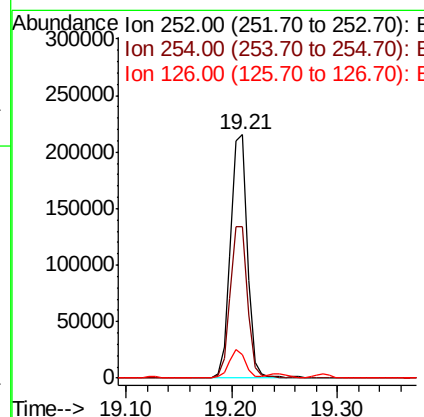
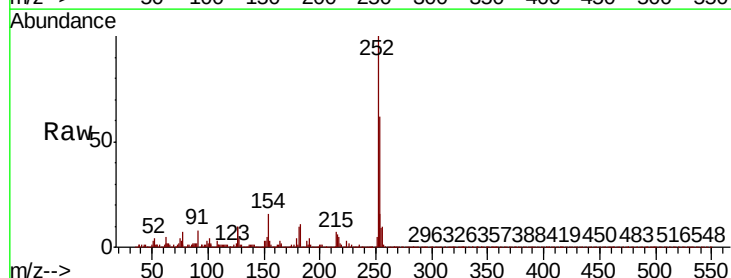
Instrument :
BNA_P
ClientSampleId :

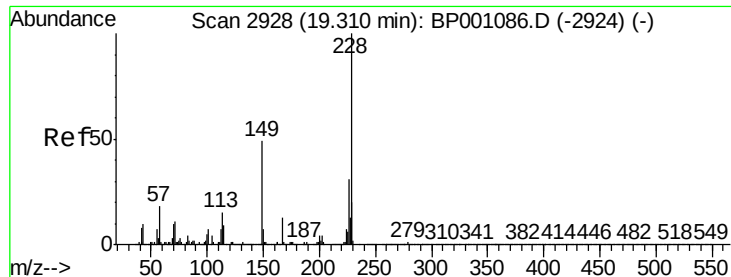
Tot Ion:228 Resp: 921776
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 37.311 ng
RT: 19.21 min Scan# 2911
Delta R.T. 0.00 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion:252 Resp: 239974
Ion Ratio Lower Upper
252 100
254 62.1 52.3 78.5
126 9.9 9.4 14.2

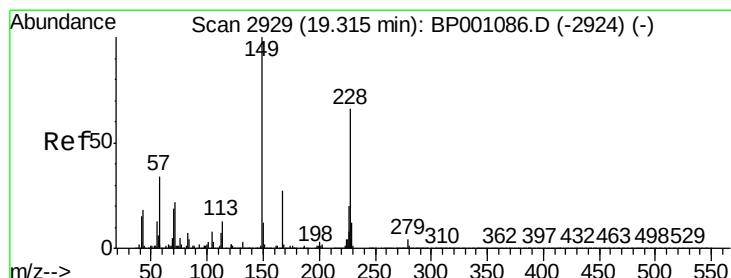
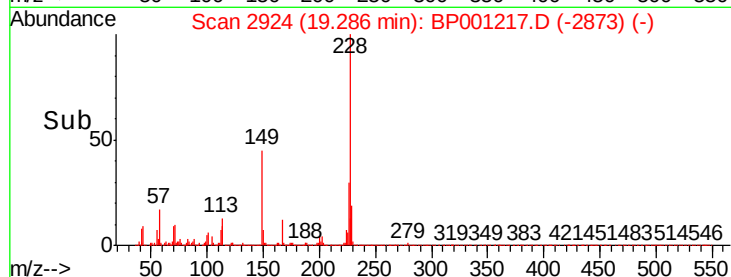
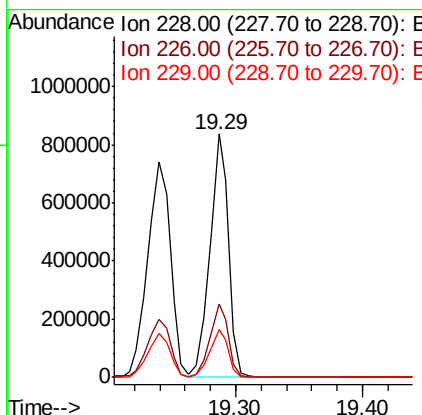
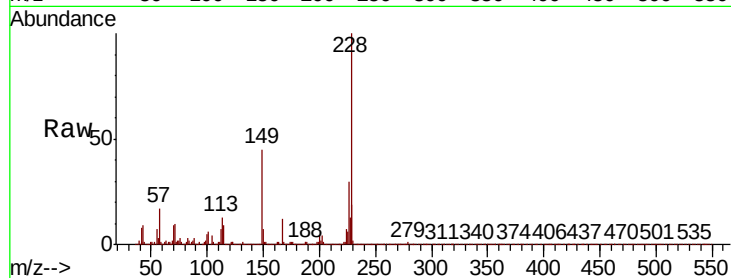




#83
 Chrysene
 Concen: 49.559 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

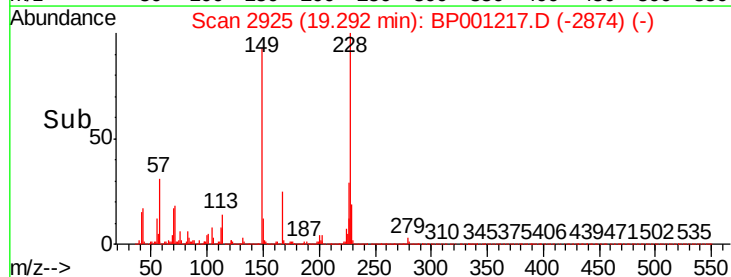
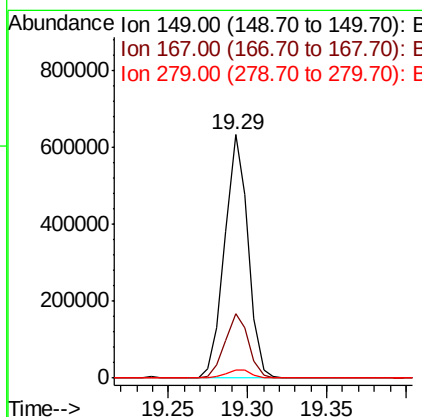
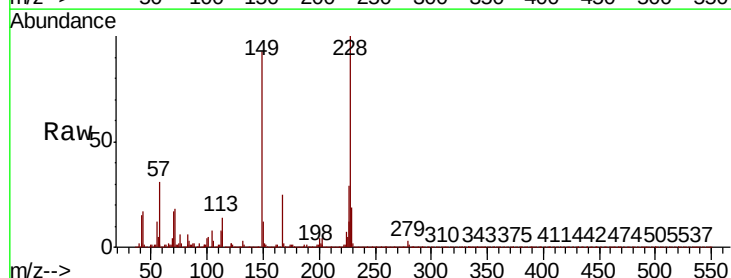
Instrument :
 BNA_P
 ClientSampled :

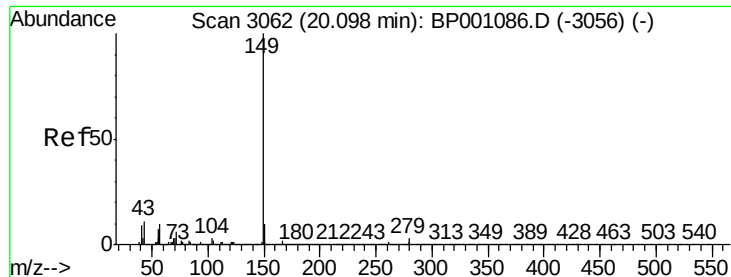
Tot Ion:228 Resp: 864004
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.7 35.5
 229 19.5 15.2 22.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.893 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: BP001217.D
 Acq: 05 Dec 2019 17:58

Tgt Ion:149 Resp: 644554
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.8 31.2
 279 3.4 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 45.543 ng

RT: 20.07 min Scan# 3058

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

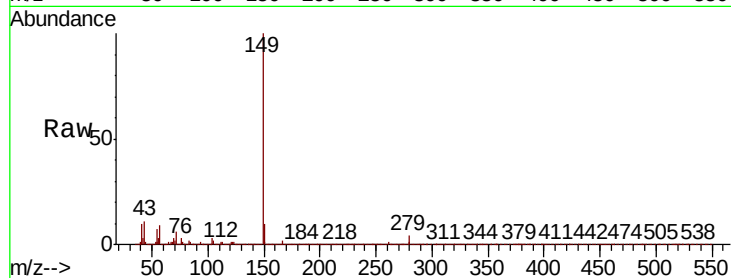
Tot Ion:149 Resp: 1136252

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

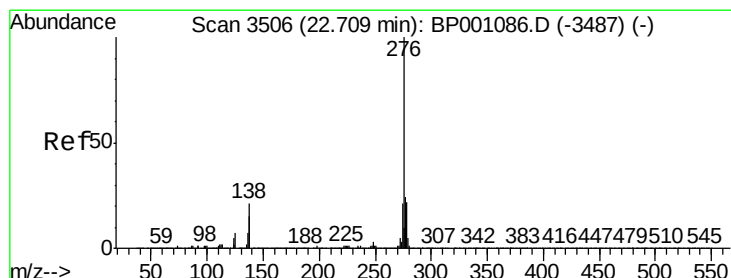
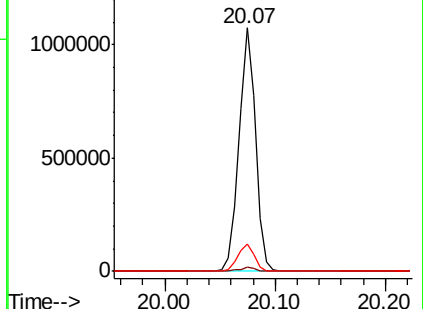
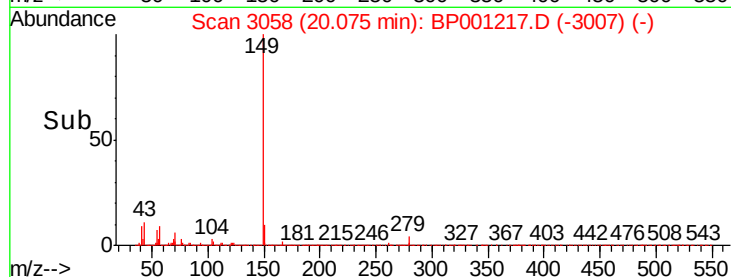
43 11.5 9.1 13.7



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): BP



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.394 ng

RT: 22.67 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

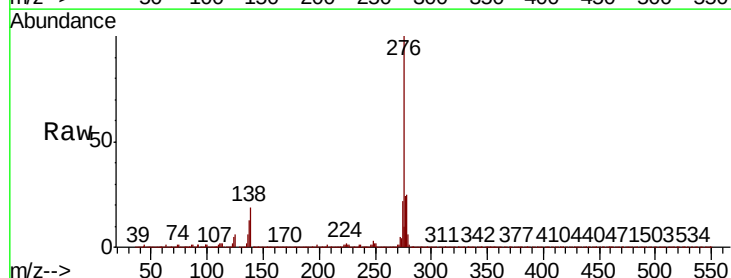
Tgt Ion:276 Resp: 973761

Ion Ratio Lower Upper

276 100

138 21.8 17.9 26.9

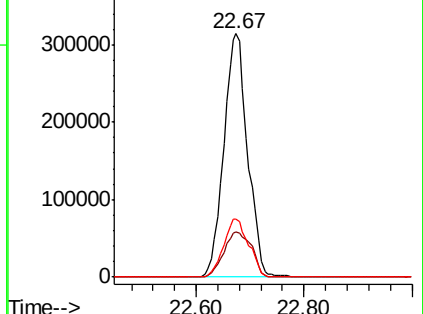
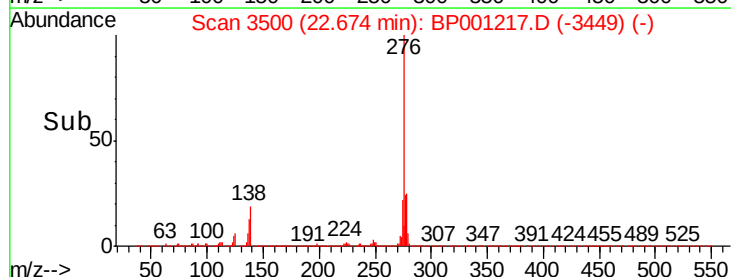
277 25.1 20.1 30.1

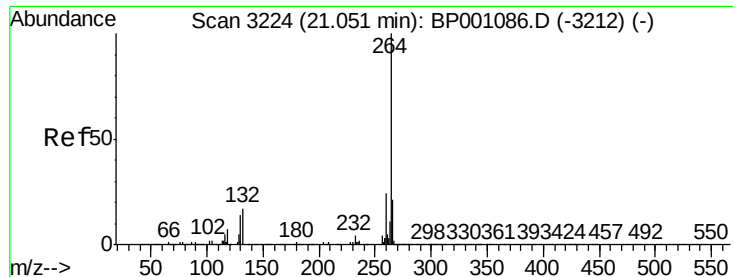


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

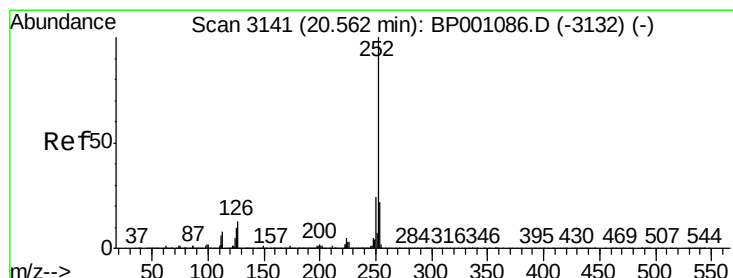
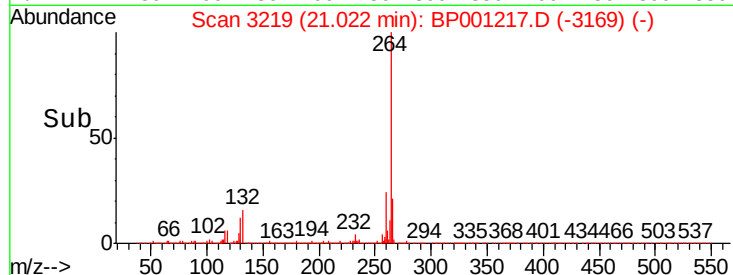
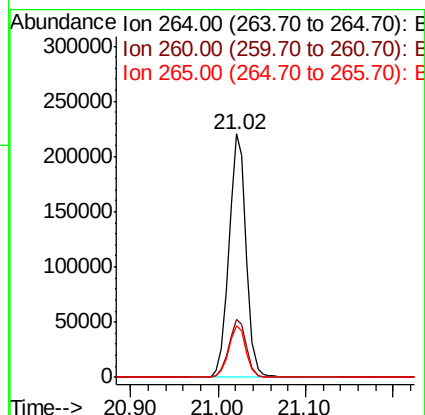
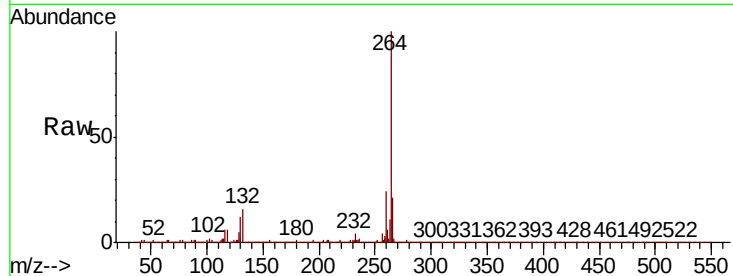




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

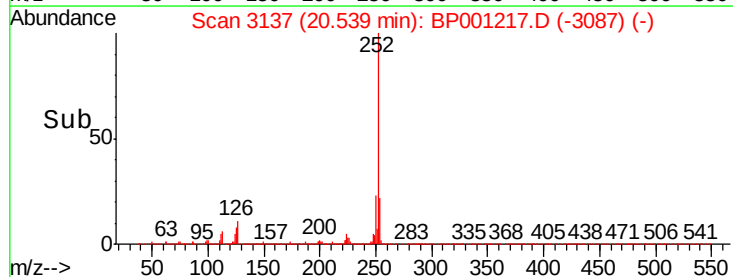
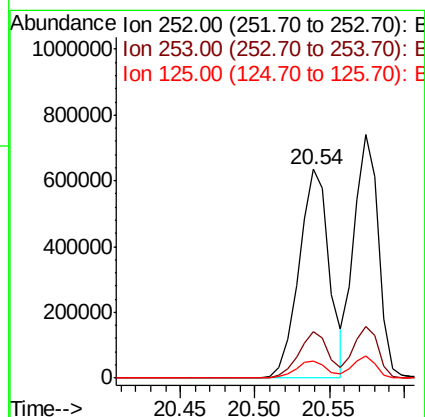
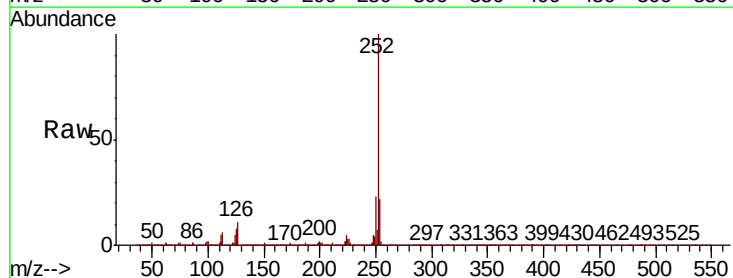
Instrument :
BNA_P
ClientSampleId :

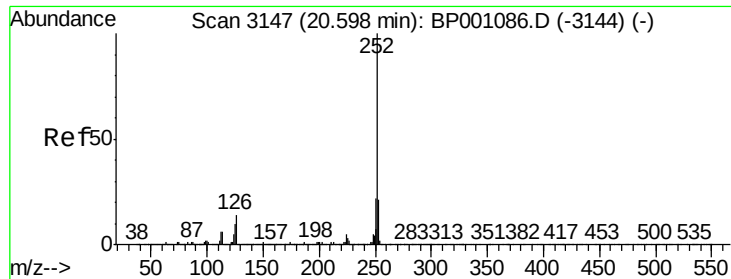
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.1	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 49.389 ng
RT: 20.54 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BP001217.D
Acq: 05 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.3	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 48.584 ng

RT: 20.57 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BP001217.D

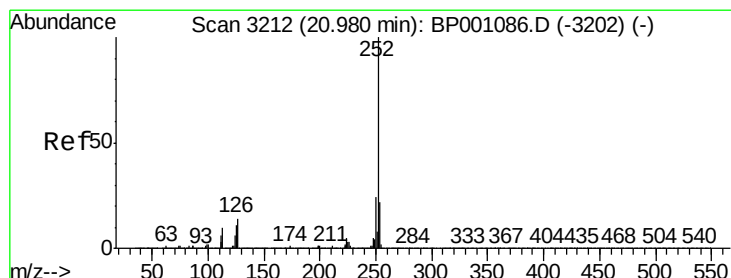
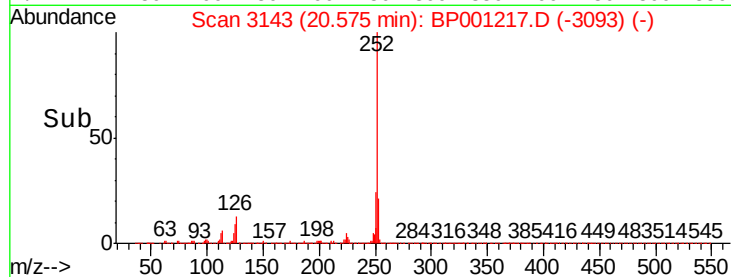
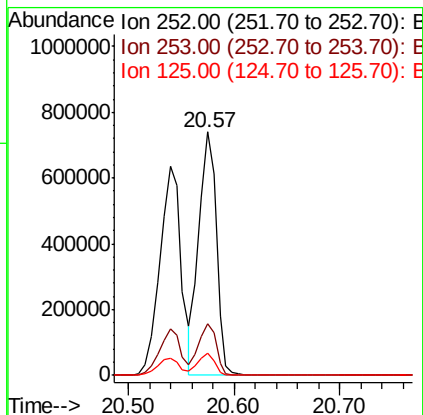
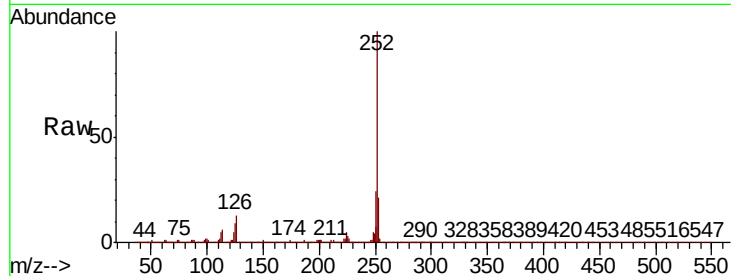
Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

Tot Ion:252	Resp:	849615
Ion Ratio	Lower	Upper
252	100	
253	21.5	17.2 25.8
125	8.9	6.2 9.4



#90

Benzo(a)pyrene

Concen: 50.487 ng

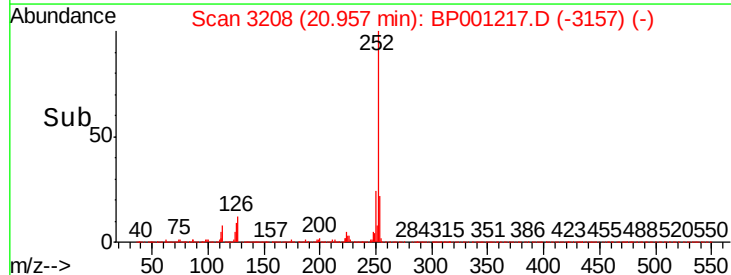
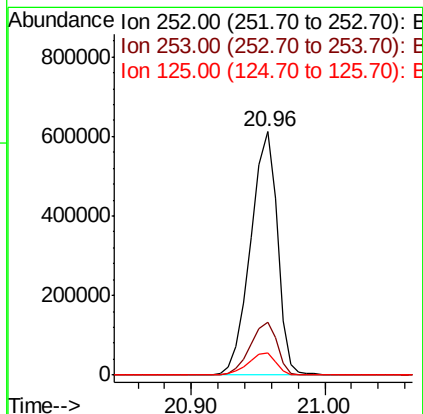
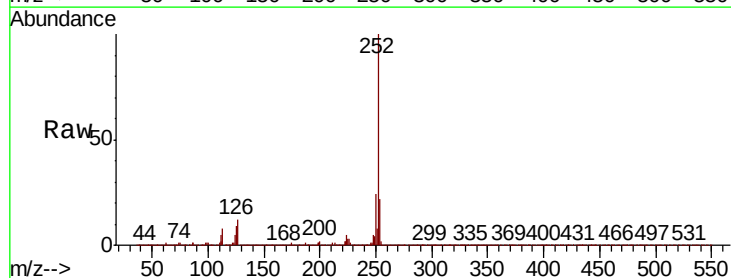
RT: 20.96 min Scan# 3208

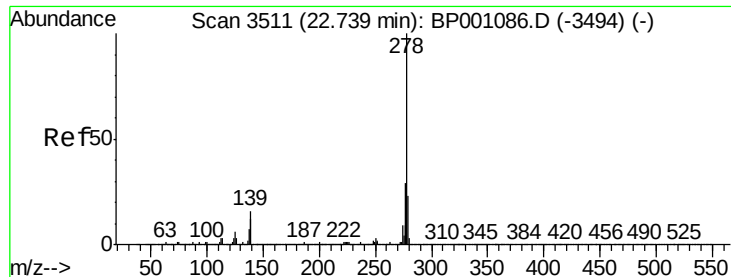
Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Tgt Ion:252	Resp:	844344
Ion Ratio	Lower	Upper
252	100	
253	22.0	16.8 25.2
125	9.3	7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 49.255 ng

RT: 22.70 min Scan# 3505

Delta R.T. 0.00 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

Instrument :

BNA_P

ClientSampled :

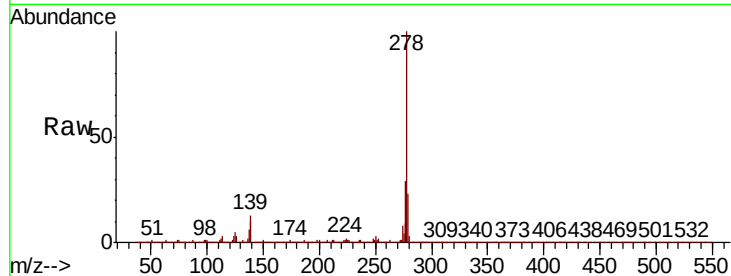
Tot Ion:278 Resp: 806130

Ion Ratio Lower Upper

278 100

139 13.4 11.6 17.4

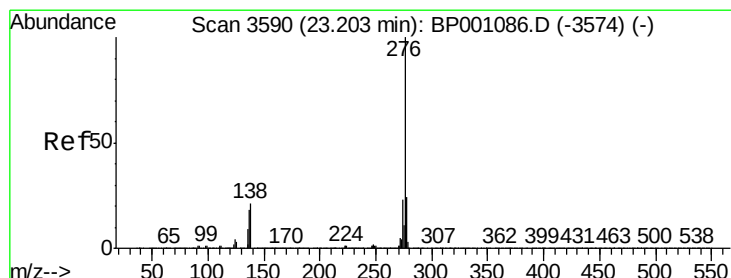
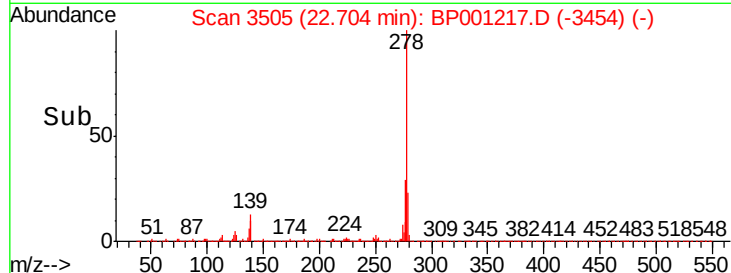
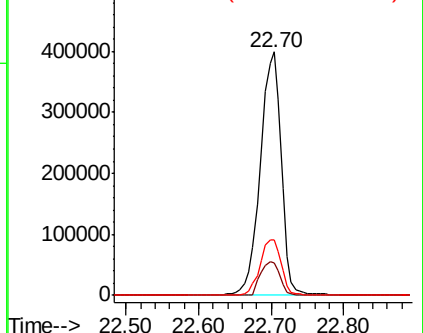
279 23.0 18.7 28.1



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: 49.273 ng

RT: 23.16 min Scan# 3583

Delta R.T. -0.01 min

Lab File: BP001217.D

Acq: 05 Dec 2019 17:58

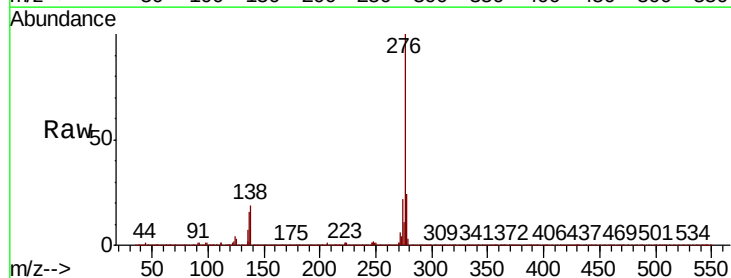
Tgt Ion:276 Resp: 796289

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 18.6 15.6 23.4



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

