

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121919\
 Data File : BP001329.D
 Acq On : 19 Dec 2019 17:50
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 02:42:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 02:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	44056	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	147135	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	87439	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	172493	20.00	ng	0.00
76) Chrysene-d12	19.25	240	143174	20.00	ng	0.00
87) Perylene-d12	21.02	264	152600	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	286921	108.05	ng	0.00
7) Phenol-d6	7.75	99	371018	104.88	ng	0.00
23) Nitrobenzene-d5	9.19	82	415168	122.42	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	116849	139.42	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	728040	121.86	ng	0.00
79) Terphenyl-d14	17.89	244	900433	116.35	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.52	88	58341	47.036	ng	99
3) Pyridine	3.36	79	166627	48.413	ng	97
4) n-Nitrosodimethylamine	3.28	42	102177	68.605	ng	95
6) Aniline	7.78	93	234474	49.989	ng	# 85
8) 2-Chlorophenol	7.96	128	144751	52.686	ng	96
9) Benzaldehyde	7.60	77	127639	55.510	ng	98
10) Phenol	7.78	94	211330	52.517	ng	96
11) bis(2-Chloroethyl)ether	7.91	93	148845	47.501	ng	98
12) 1,3-Dichlorobenzene	8.21	146	178869	54.928	ng	99
13) 1,4-Dichlorobenzene	8.33	146	181070	55.197	ng	99
14) 1,2-Dichlorobenzene	8.57	146	174524	56.530	ng	99
15) Benzyl Alcohol	8.53	79	174792	60.190	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.77	45	236082	46.862	ng	99
17) 2-Methylphenol	8.73	107	127562	50.616	ng	95
18) Hexachloroethane	9.10	117	77542	57.141	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	131535	51.527	ng	99
20) 3+4-Methylphenols	8.97	107	167948	52.866	ng	97
22) Acetophenone	8.95	105	250183	57.853	ng	# 98
24) Nitrobenzene	9.22	77	201952	59.886	ng	99
25) Isophorone	9.61	82	331605	54.529	ng	100
26) 2-Nitrophenol	9.73	139	73403	59.425	ng	98
27) 2,4-Dimethylphenol	9.82	122	107617	55.003	ng	98
28) bis(2-Chloroethoxy)methane	9.98	93	199931	52.399	ng	98
29) 2,4-Dichlorophenol	10.12	162	132812	59.641	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	163252	62.766	ng	97
31) Naphthalene	10.37	128	433305	57.662	ng	99
32) Benzoic acid	10.00	122	71751	50.725	ng	94
33) 4-Chloroaniline	10.47	127	177119	54.315	ng	98
34) Hexachlorobutadiene	10.59	225	112837	68.964	ng	98
35) Caprolactam	11.06	113	39628	51.634	ng	96
36) 4-Chloro-3-methylphenol	11.28	107	153999	58.328	ng	94
37) 2-Methylnaphthalene	11.50	142	297397	57.999	ng	99
38) 1-Methylnaphthalene	11.66	142	279395	57.682	ng	96
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	170215	61.771	ng	99

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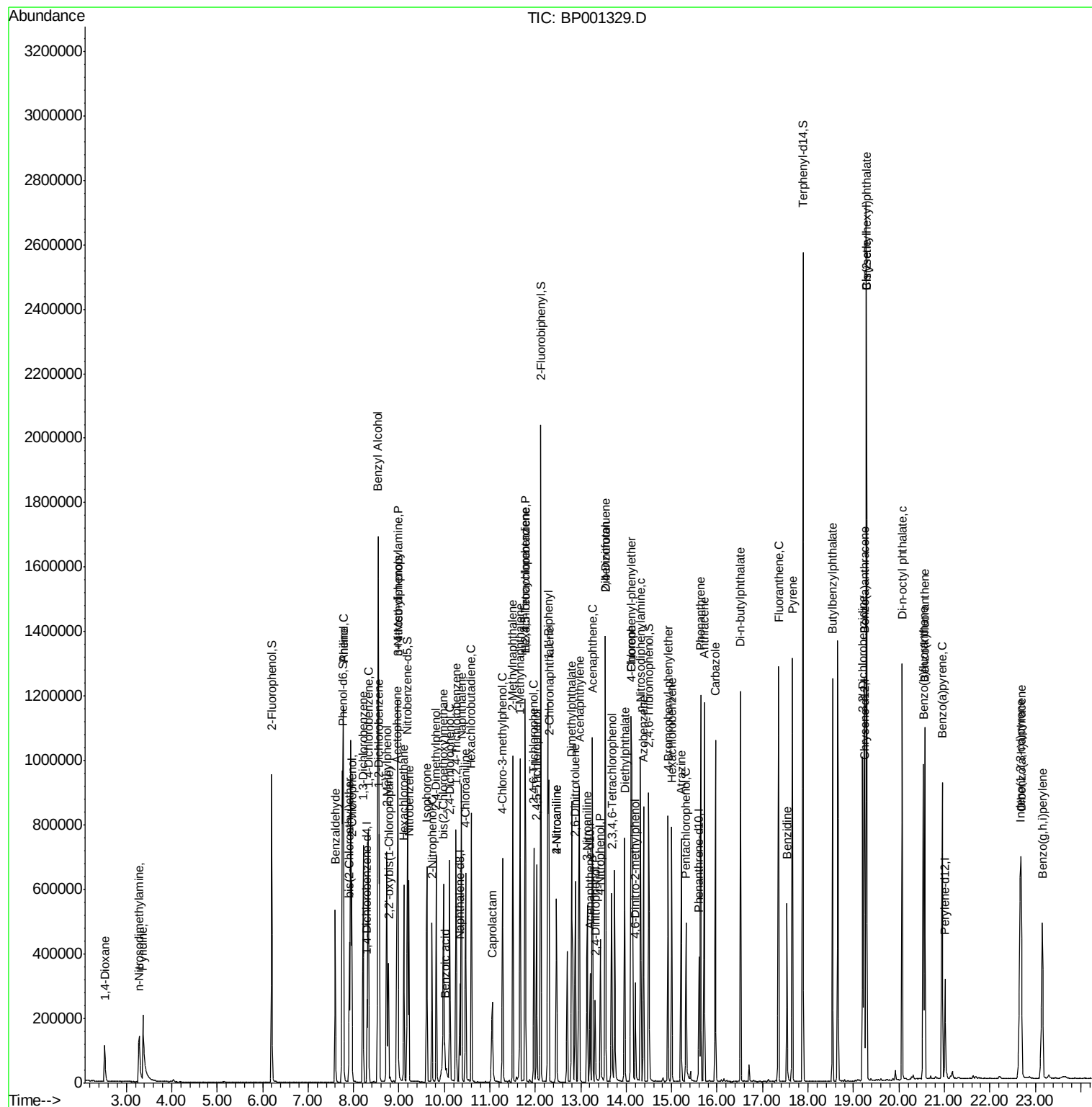
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	86714	68.213	nq	97
43) 2,4,6-Trichlorophenol	11.97	196	105381	58.570	nq	98
44) 2,4,5-Trichlorophenol	12.03	196	110032	59.024	nq	97
46) 1,1'-Biphenyl	12.27	154	385659	57.070	nq	99
47) 2-Chloronaphthalene	12.30	162	310213	57.470	nq	99
48) 2-Nitroaniline	12.47	65	125798	59.464	nq	96
49) Acenaphthylene	12.97	152	453836	56.091	nq	99
50) Dimethylphthalate	12.80	163	378729	57.913	nq	100
51) 2,6-Dinitrotoluene	12.88	165	76016	54.301	nq	95
52) Acenaphthene	13.26	154	274184	56.335	nq	98
53) 3-Nitroaniline	13.15	138	81761	51.992	nq	97
54) 2,4-Dinitrophenol	13.32	184	32493	66.190	nq	99
55) Dibenzofuran	13.55	168	431839	59.045	nq	97
56) 4-Nitrophenol	13.43	139	60697	54.470	nq	97
57) 2,4-Dinitrotoluene	13.53	165	108650	61.919	nq	96
58) Fluorene	14.10	166	347298	59.261	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.68	232	90516	59.068	nq	98
60) Diethylphthalate	13.96	149	389681	57.549	nq	99
61) 4-Chlorophenyl-phenylether	14.12	204	181647	60.868	nq	97
62) 4-Nitroaniline	12.47	138	98314	53.924	nq	94
63) Azobenzene	14.38	77	411719	56.251	nq	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	42327	61.448	nq	96
66) n-Nitrosodiphenylamine	14.32	169	291187	55.558	nq	99
67) 4-Bromophenyl-phenylether	14.92	248	109414	58.426	nq	97
68) Hexachlorobenzene	15.00	284	123009	59.748	nq	97
69) Atrazine	15.21	200	105428	65.882	nq	97
70) Pentachlorophenol	15.32	266	65142	60.708	nq	96
71) Phenanthrene	15.64	178	527024	58.116	nq	99
72) Anthracene	15.72	178	518931	58.057	nq	99
73) Carbazole	15.96	167	463311	56.963	nq	99
74) Di-n-butylphthalate	16.52	149	645175	58.997	nq	99
75) Fluoranthene	17.35	202	591127	61.573	nq	98
77) Benzidine	17.54	184	227315	61.492	nq	97
78) Pyrene	17.66	202	599287	53.144	nq	100
80) Butylbenzylphthalate	18.54	149	280222	53.801	nq	95
81) Benzo(a)anthracene	19.23	228	556178	56.028	nq	99
82) 3,3'-Dichlorobenzidine	19.20	252	196906	60.043	nq	# 99
83) Chrysene	19.29	228	540053	60.754	nq	98
84) Bis(2-ethylhexyl)phthalate	19.29	149	412526	57.607	nq	98
85) Di-n-octyl phthalate	20.07	149	681530	53.575	nq	100
86) Indeno(1,2,3-cd)pyrene	22.67	276	582371	55.591	nq	100
88) Benzo(b)fluoranthene	20.54	252	531083	56.978	nq	98
89) Benzo(k)fluoranthene	20.57	252	524297	58.403	nq	99
90) Benzo(a)pyrene	20.95	252	488841	56.939	nq	100
91) Dibenzo(a,h)anthracene	22.69	278	478390	56.939	nq	100
92) Benzo(g,h,i)perylene	23.16	276	457631	55.161	nq	97

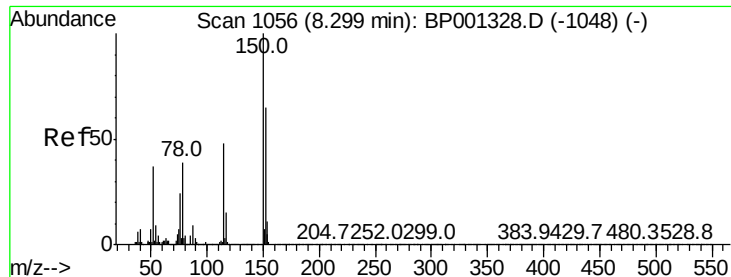
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampleId :

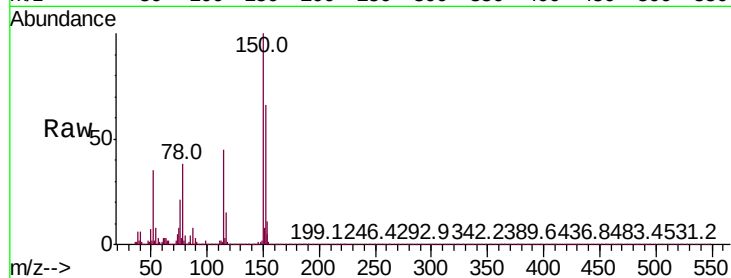
Tot Ion:152 Resp: 44056

Ion Ratio Lower Upper

152 100

150 152.5 124.0 186.0

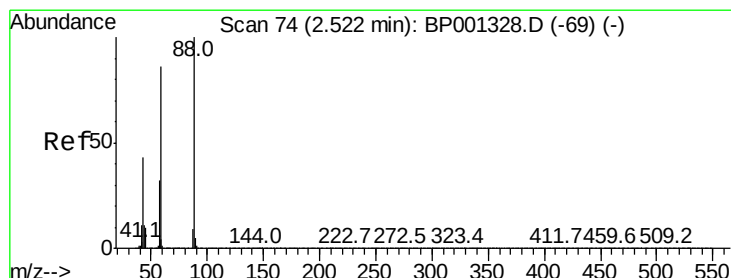
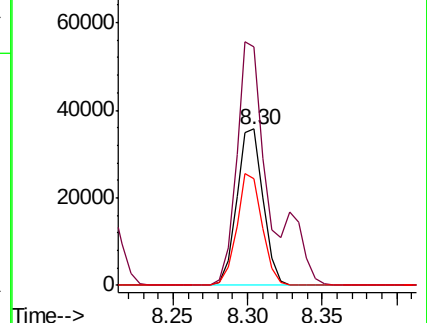
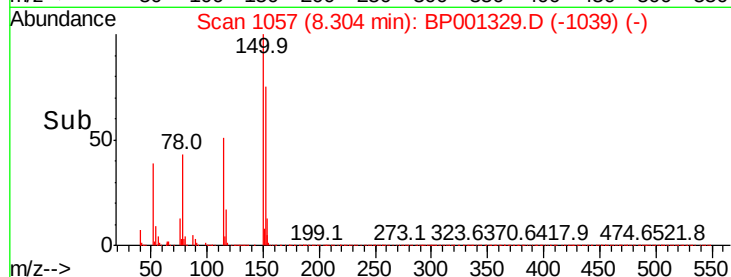
115 68.5 59.3 88.9



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: 47.036 ng

RT: 2.52 min Scan# 74

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

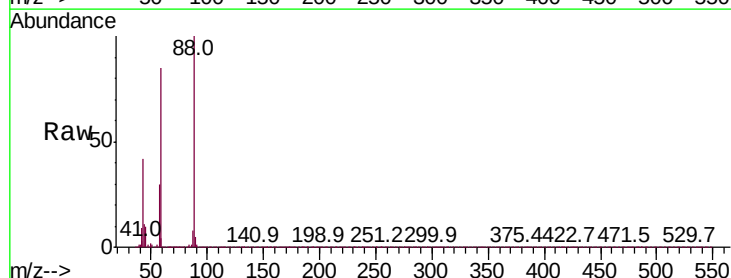
Tgt Ion: 88 Resp: 58341

Ion Ratio Lower Upper

88 100

58 86.4 69.6 104.4

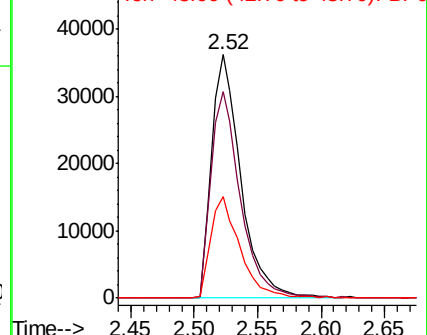
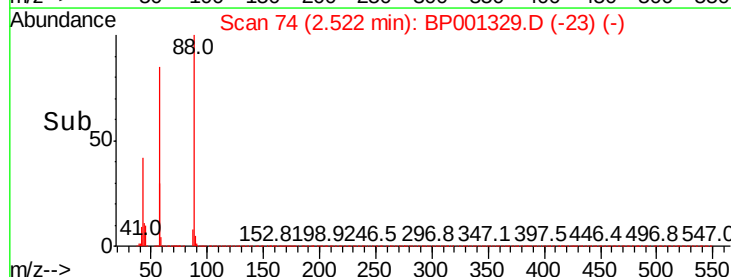
43 41.6 33.7 50.5

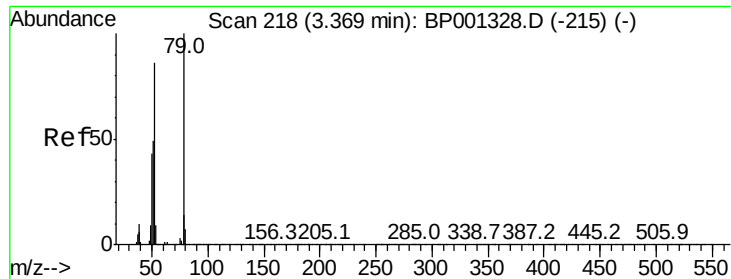


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 48.413 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

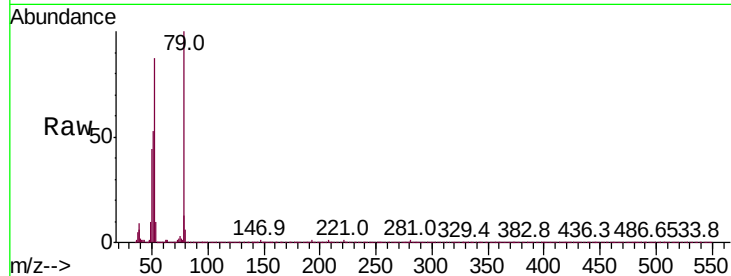
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 166627

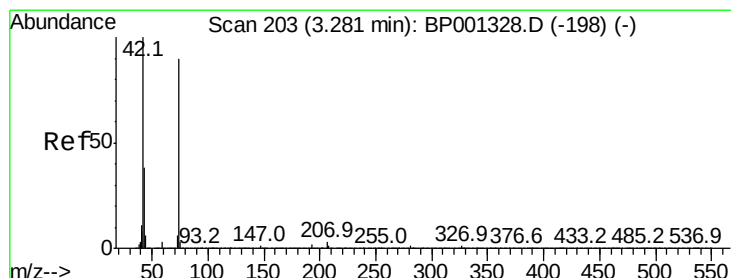
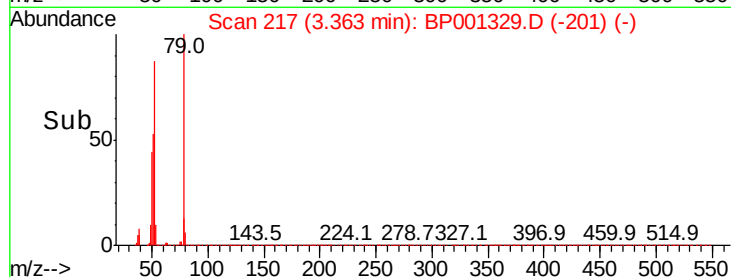
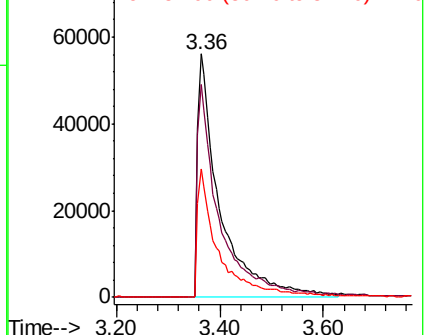
Ion	Ratio	Lower	Upper
79	100		
52	87.5	68.5	102.7
51	53.0	39.5	59.3



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: 68.605 ng

RT: 3.28 min Scan# 203

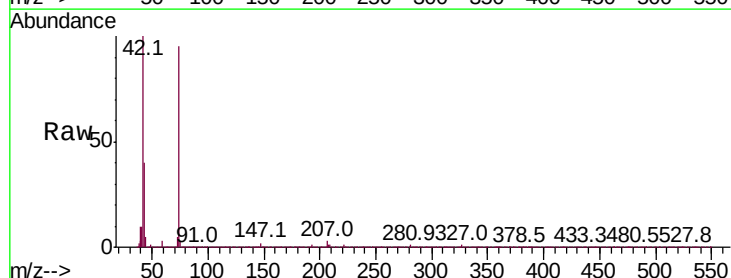
Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion: 42 Resp: 102177

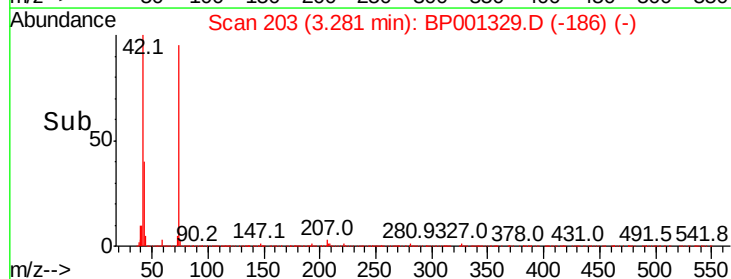
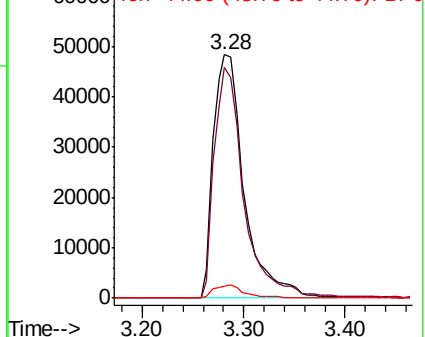
Ion	Ratio	Lower	Upper
42	100		
74	95.0	72.2	108.4
44	4.7	4.5	6.7

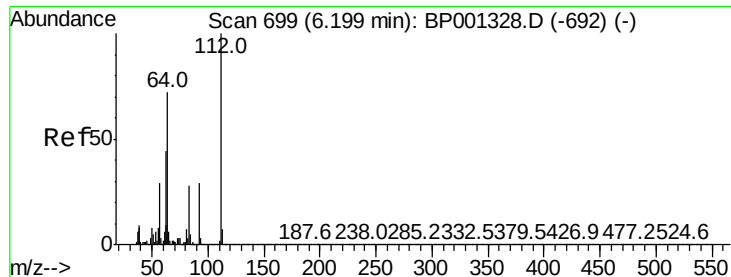


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 108.050 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampleId :

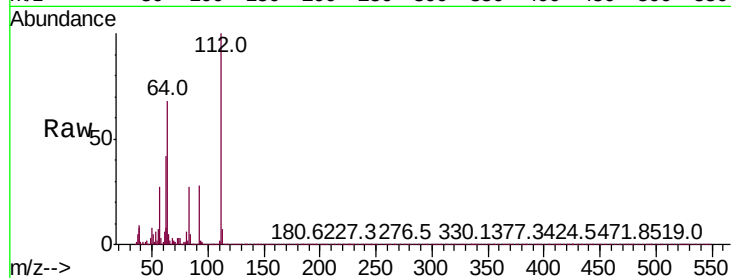
Tot Ion: 112 Resp: 286921

Ion Ratio Lower Upper

112 100

64 67.7 57.6 86.4

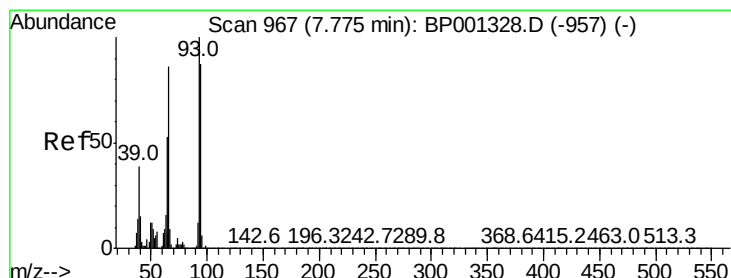
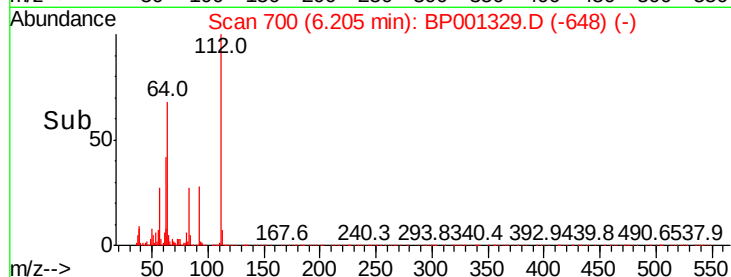
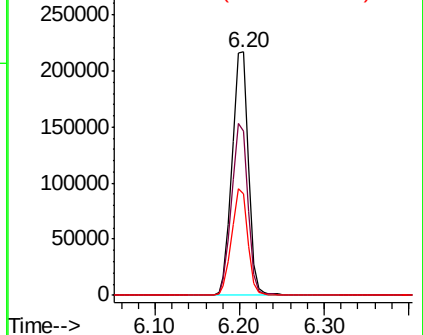
63 41.8 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 49.989 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

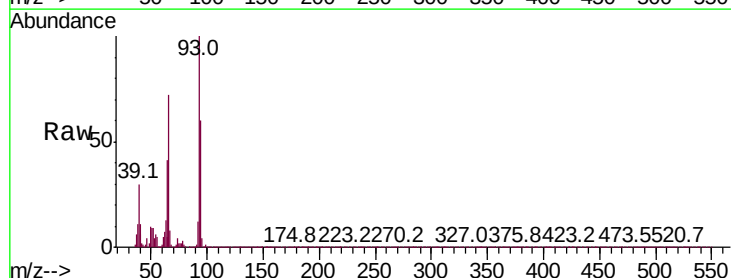
Tgt Ion: 93 Resp: 234474

Ion Ratio Lower Upper

93 100

66 72.3 69.0 103.6

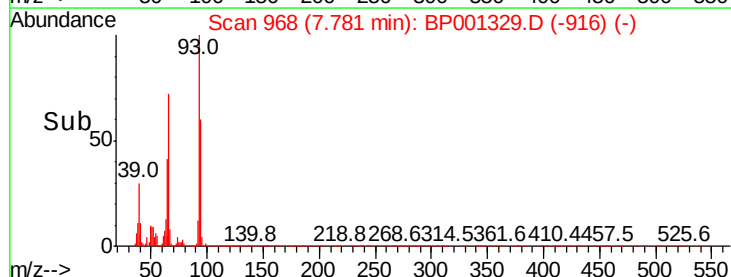
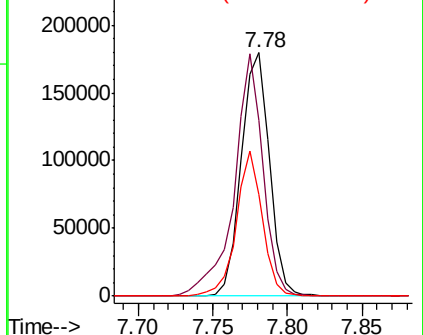
65 41.5 42.2 63.4#

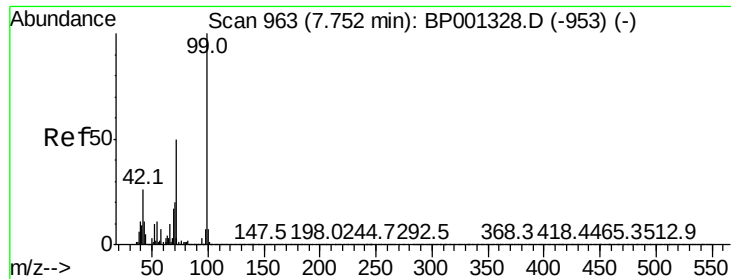


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 104.875 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

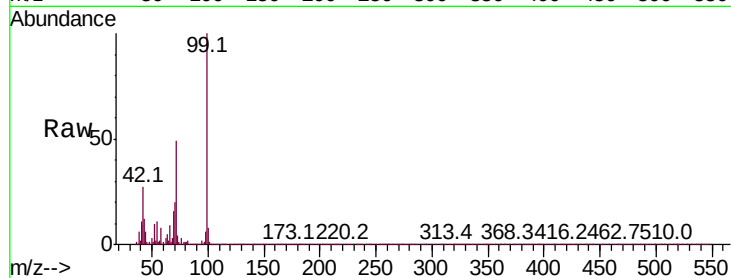
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 371018

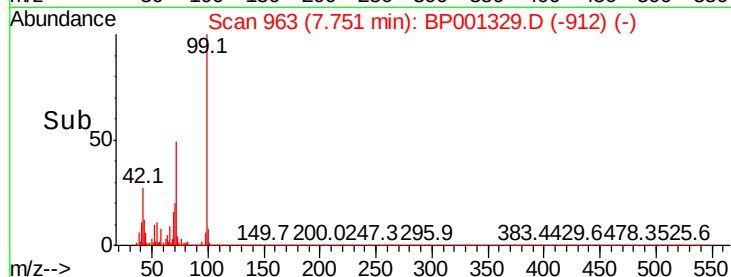
Ion	Ratio	Lower	Upper
99	100		
42	26.9	20.9	31.3
71	49.1	40.0	60.0



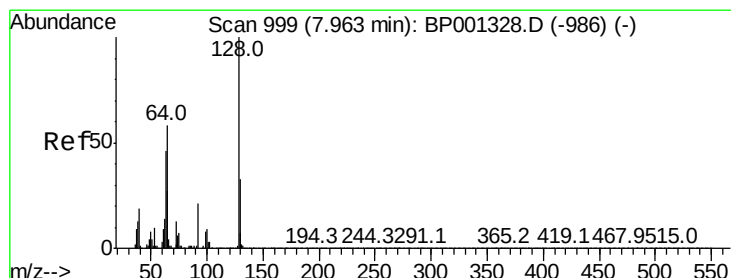
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#8

2-Chlorophenol

Concen: 52.686 ng

RT: 7.96 min Scan# 999

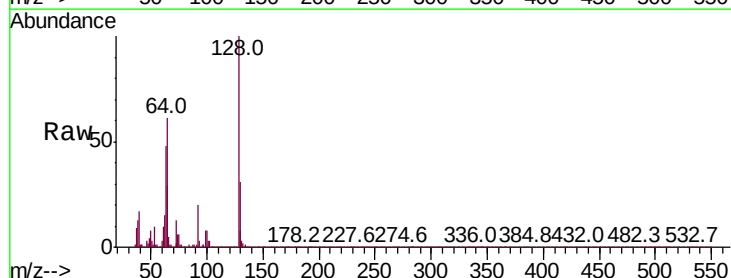
Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion: 128 Resp: 144751

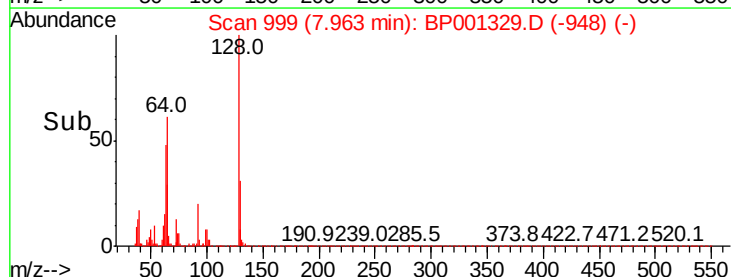
Ion	Ratio	Lower	Upper
128	100		
130	31.2	13.5	53.5
64	61.4	38.2	78.2



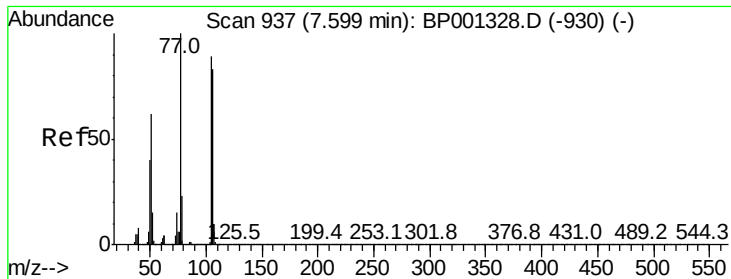
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0



Time-->



#9

Benzaldehyde

Concen: 55.510 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampled :

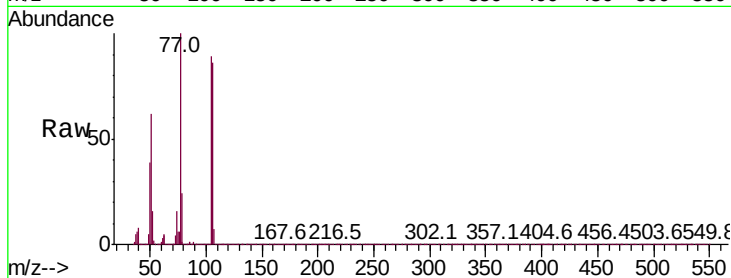
Tot Ion: 77 Resp: 127639

Ion Ratio Lower Upper

77 100

105 89.3 68.6 108.6

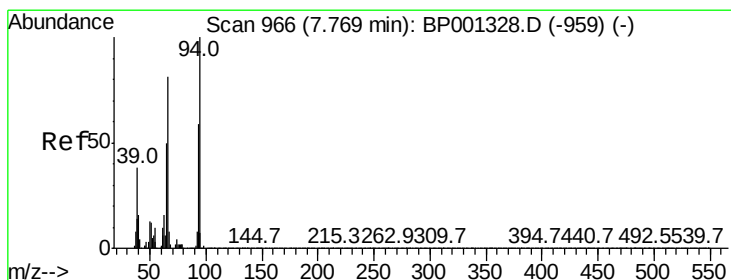
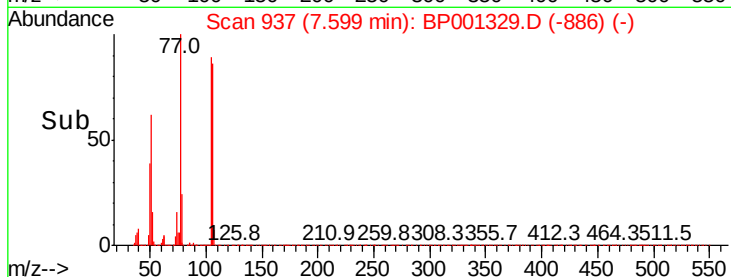
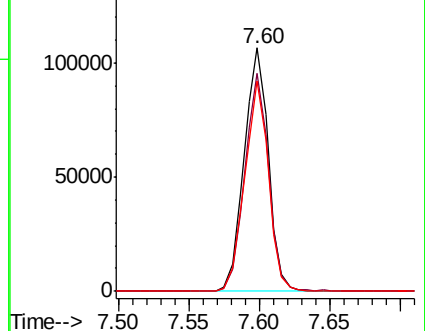
106 86.3 62.5 102.5



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 52.517 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

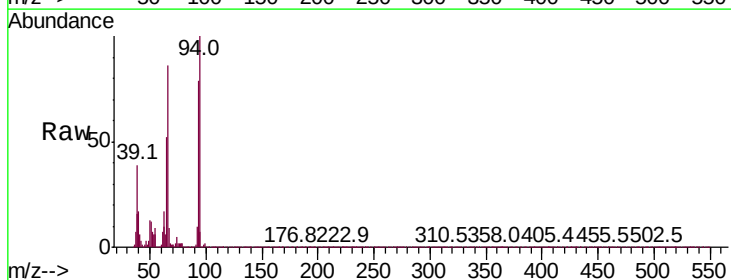
Tgt Ion: 94 Resp: 211330

Ion Ratio Lower Upper

94 100

65 51.6 30.4 70.4

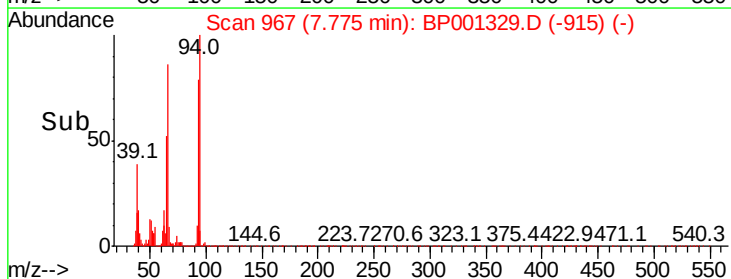
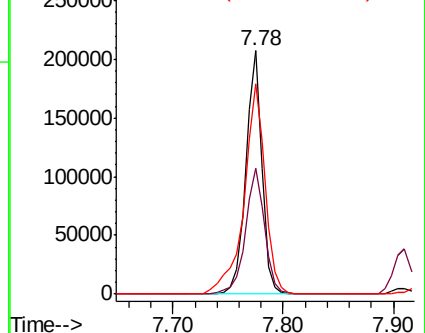
66 86.2 62.0 102.0

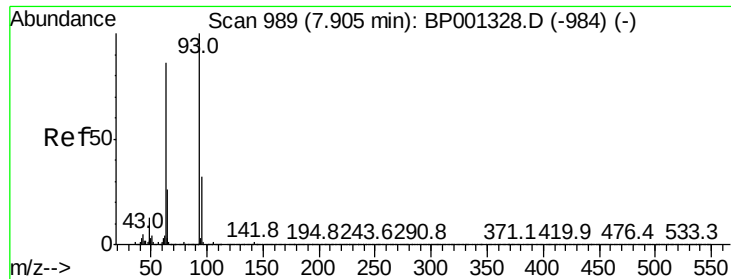


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

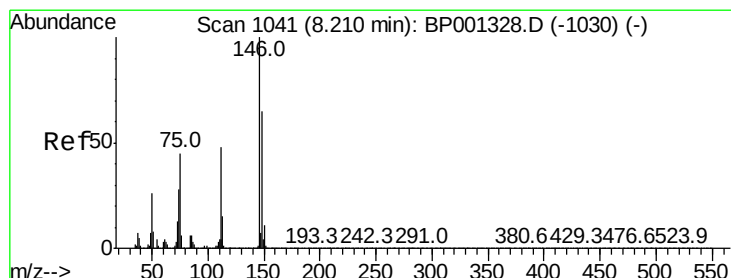
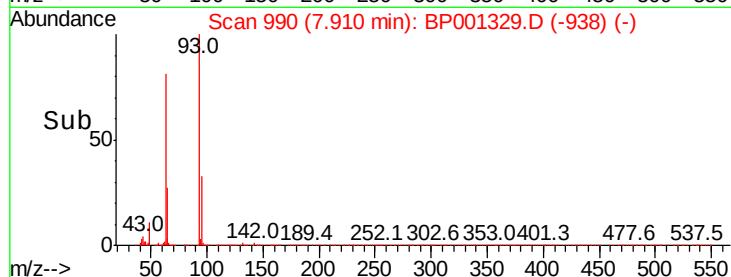
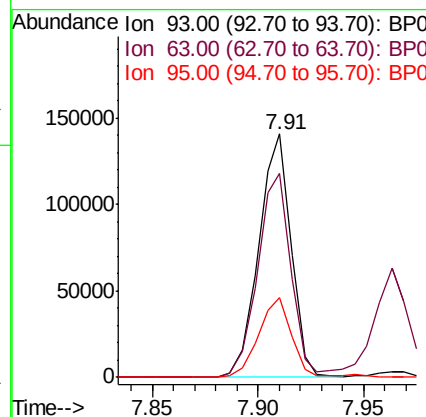
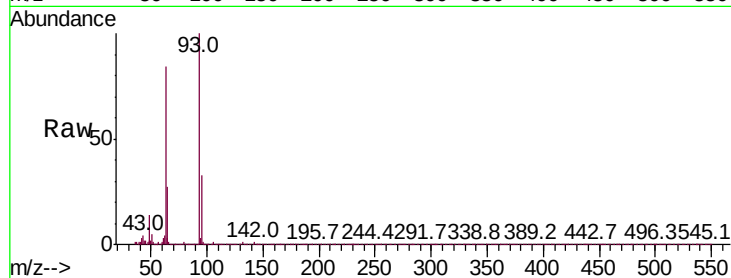




#11
bis(2-Chloroethyl)ether
Concen: 47.501 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

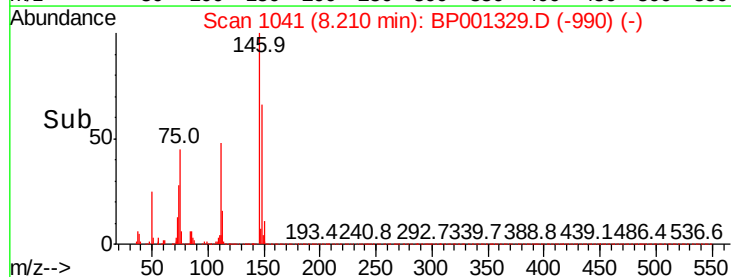
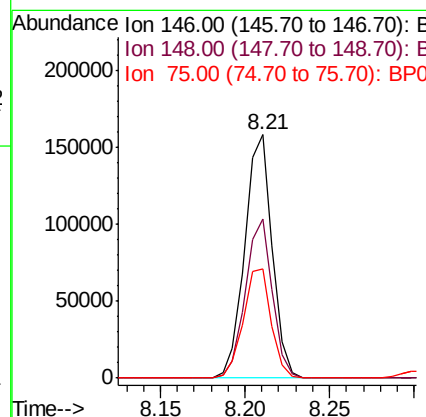
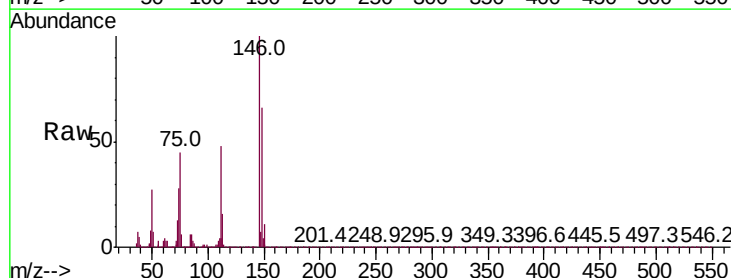
Instrument :
BNA_P
ClientSampleId :

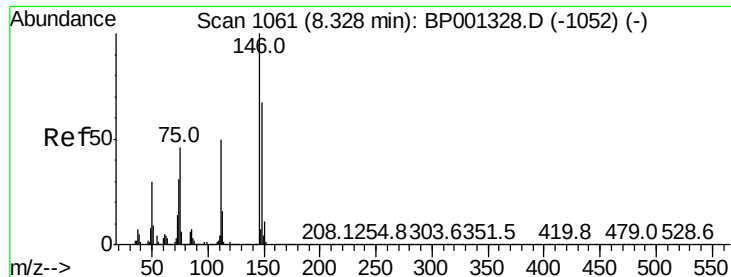
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.6	66.2	106.2
95	32.6	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 54.928 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
75	45.1	36.2	54.4





#13

1,4-Dichlorobenzene

Concen: 55.197 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.00 min

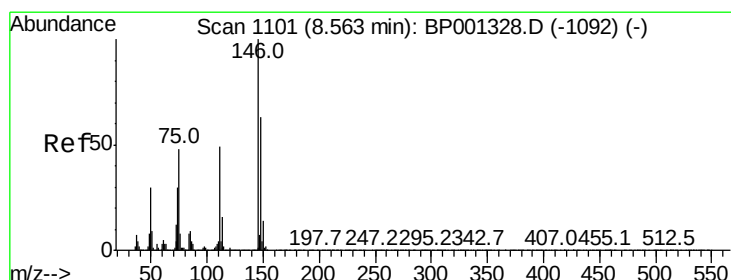
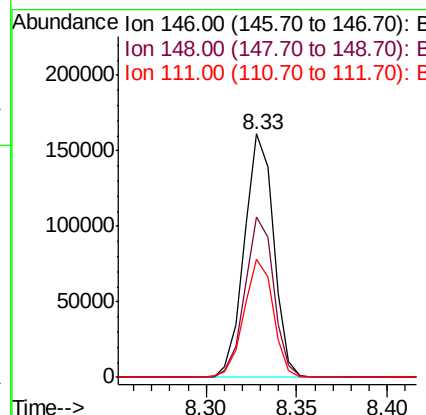
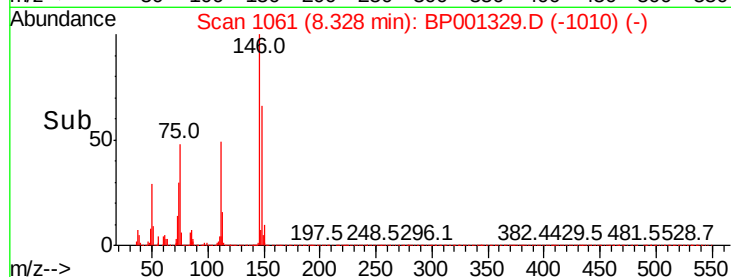
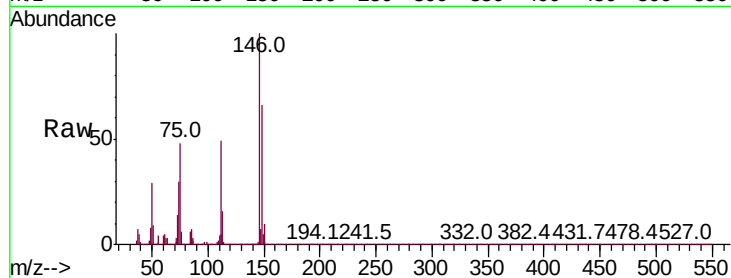
Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 181070

Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.3	79.9
111	48.8	40.2	60.4



#14

1,2-Dichlorobenzene

Concen: 56.530 ng

RT: 8.57 min Scan# 1102

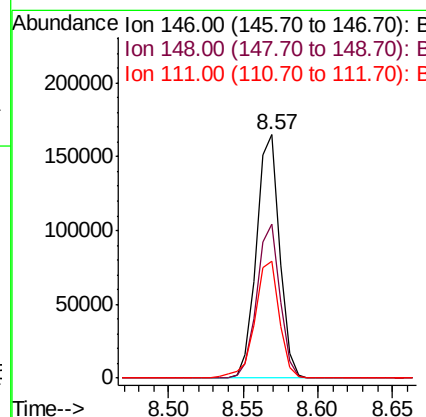
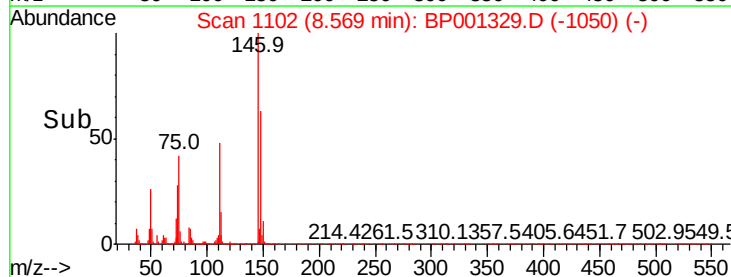
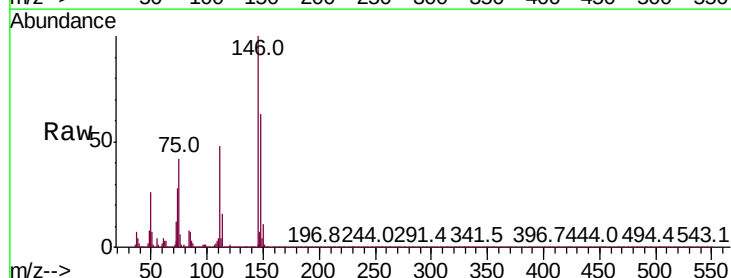
Delta R.T. 0.01 min

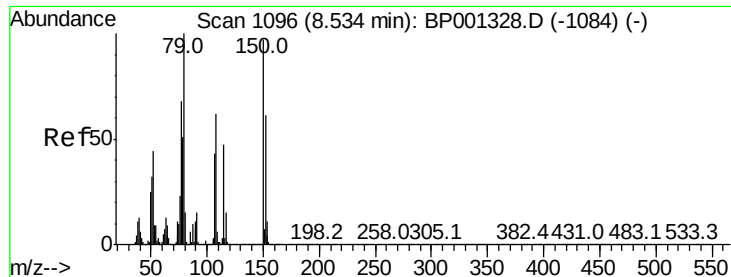
Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion:146 Resp: 174524

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	47.8	39.4	59.2

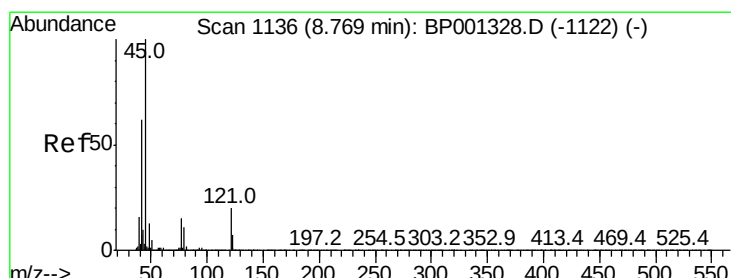
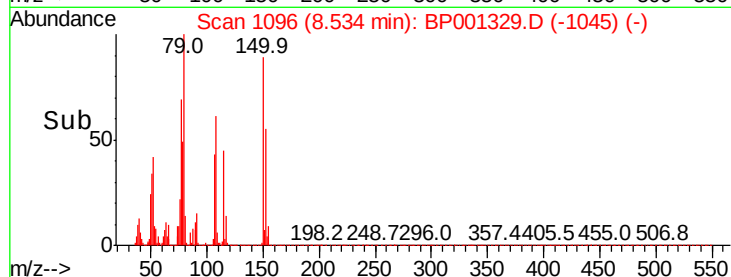
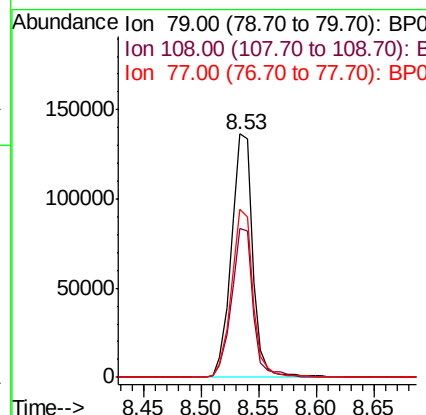
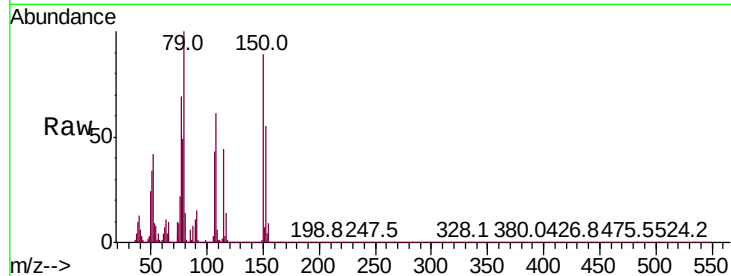




#15
Benzyl Alcohol
Concen: 60.190 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

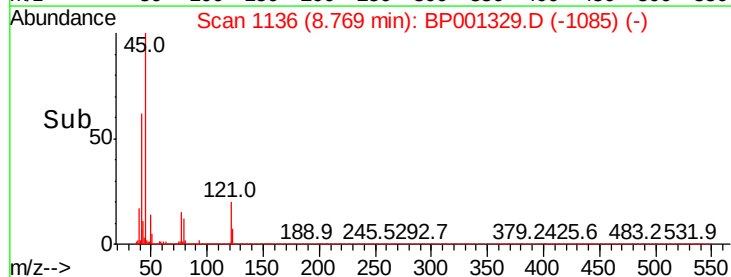
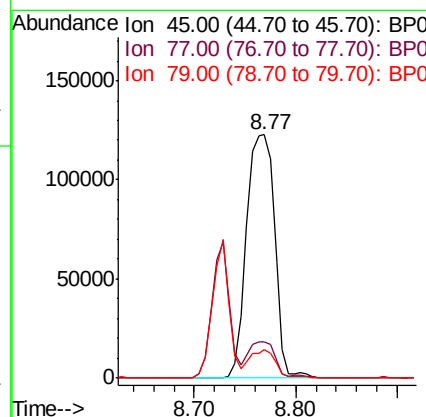
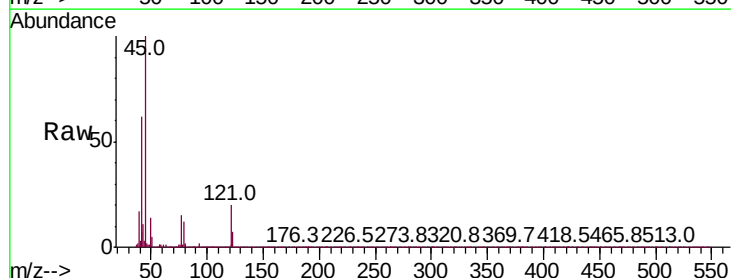
Instrument :
BNA_P
ClientSampleId :

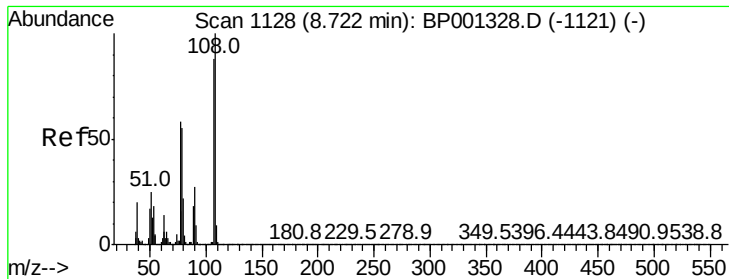
Tot Ion: 79 Resp: 174792
Ion Ratio Lower Upper
79 100
108 61.3 49.3 73.9
77 69.2 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.862 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion: 45 Resp: 236082
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.8
79 11.5 0.0 31.2





#17

2-Methylphenol

Concen: 50.616 ng

RT: 8.73 min Scan# 1129

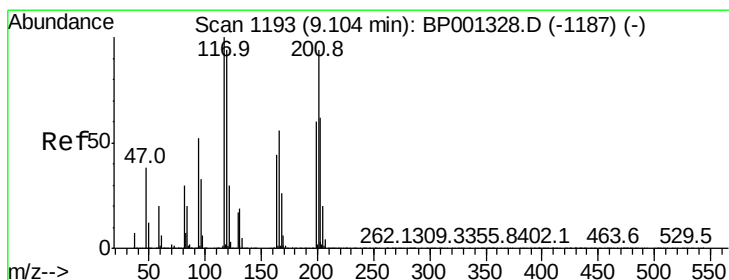
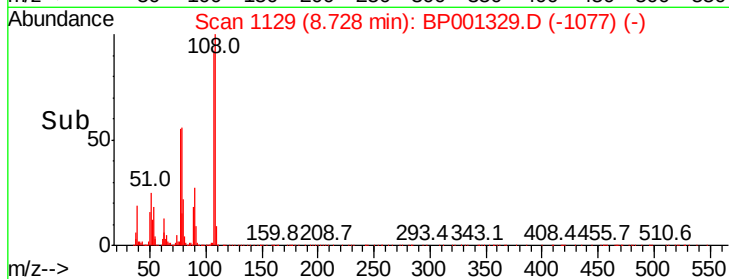
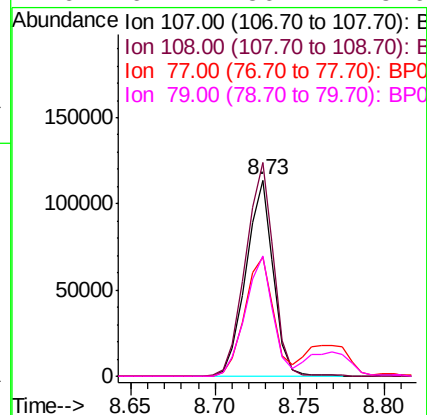
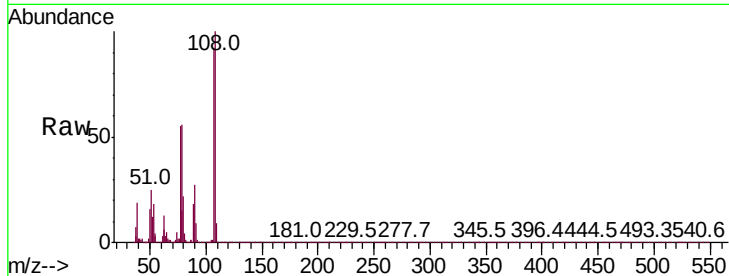
Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	127562
Ion	Ratio	Lower	Upper
107	100		
108	108.8	90.7	136.1
77	60.3	52.7	79.1
79	61.2	50.4	75.6



#18

Hexachloroethane

Concen: 57.141 ng

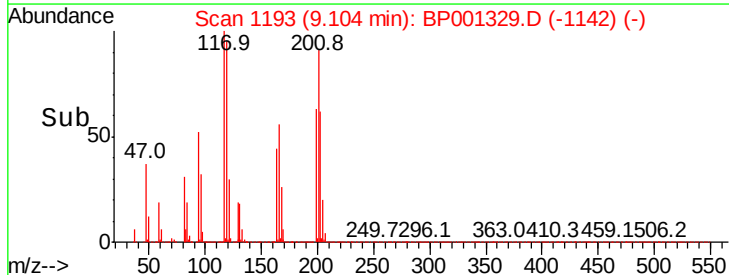
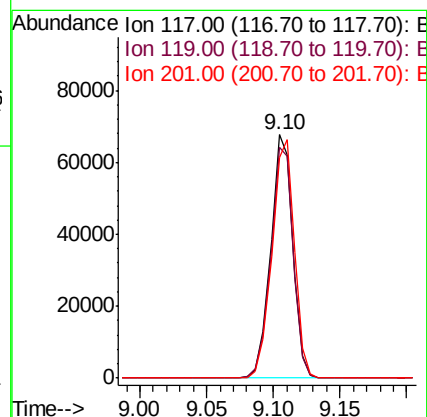
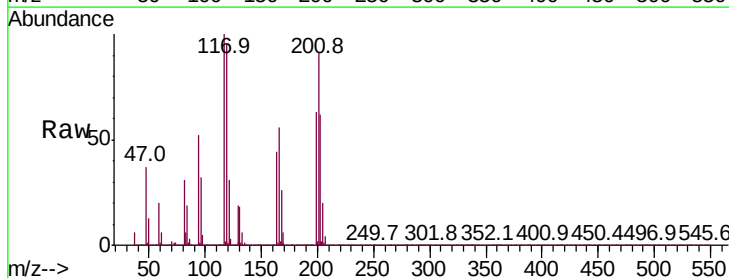
RT: 9.10 min Scan# 1193

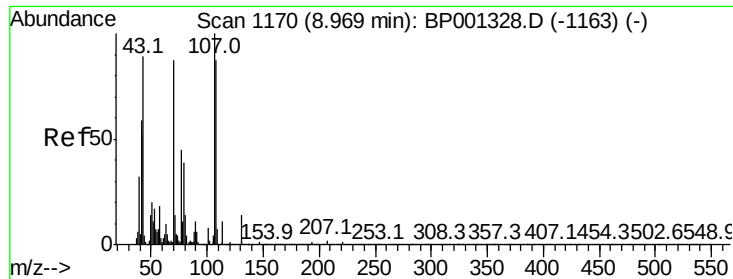
Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion:	117	Resp:	77542
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.4
201	90.7	75.6	113.4

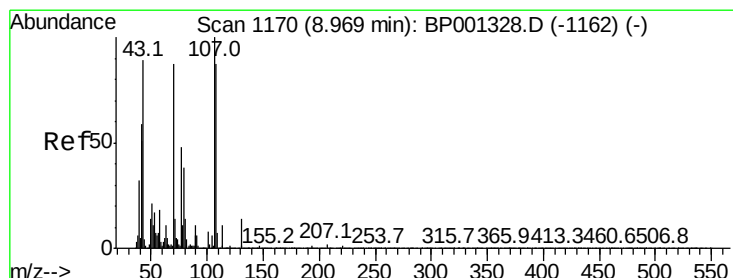
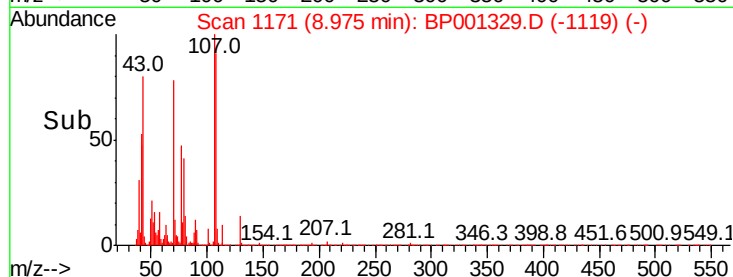
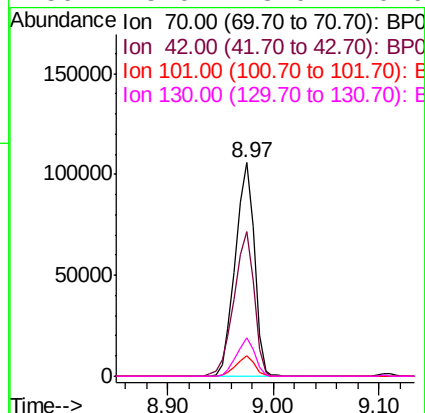
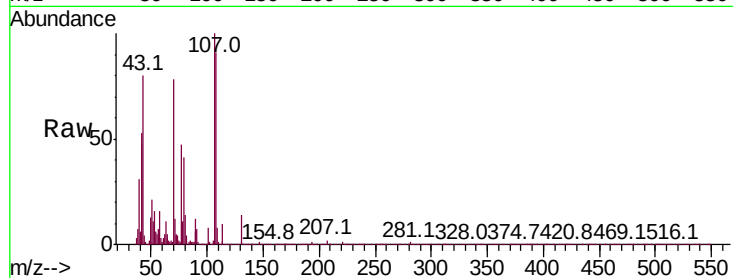




#19
n-Nitroso-di-n-propylamine
Concen: 51.527 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

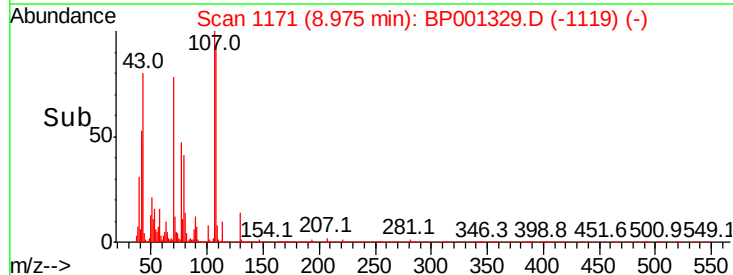
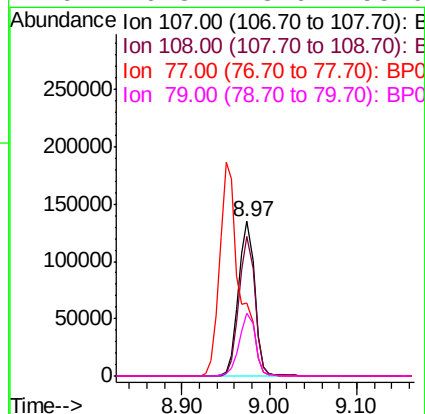
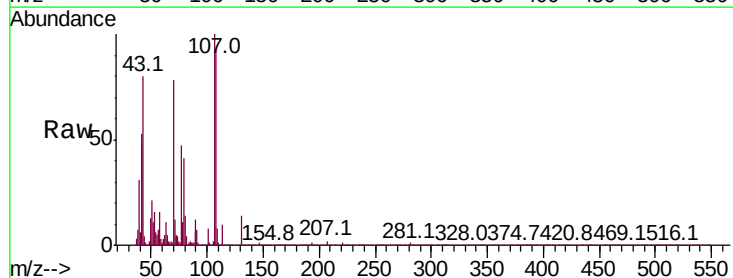
Instrument :
BNA_P
ClientSampleId :

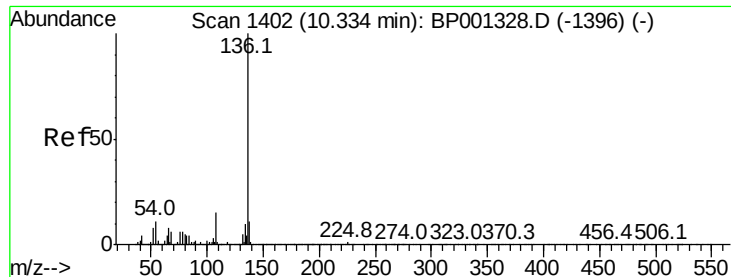
Tot Ion:	70	Resp:	131535
Ion	Ratio	Lower	Upper
70	100		
42	67.5	54.1	81.1
101	9.6	7.0	10.4
130	18.0	13.0	19.6



#20
3+4-Methylphenols
Concen: 52.866 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:	107	Resp:	167948
Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.2	107.2
77	47.0	28.0	68.0
79	40.8	18.6	58.6

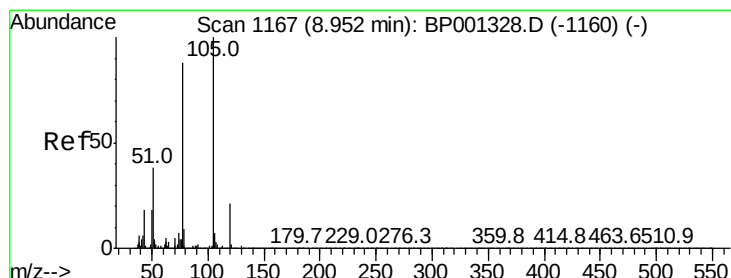
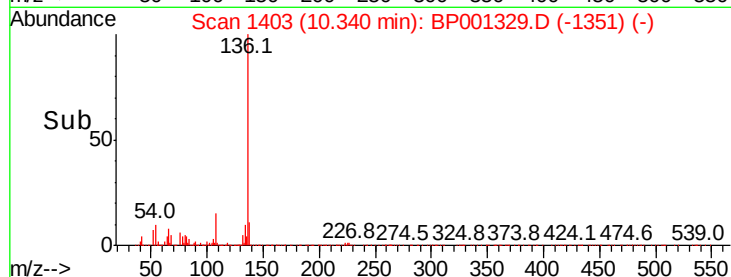
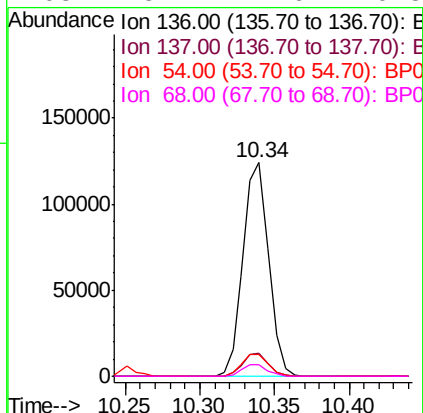
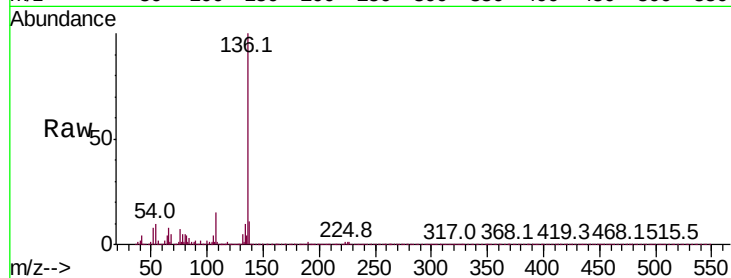




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

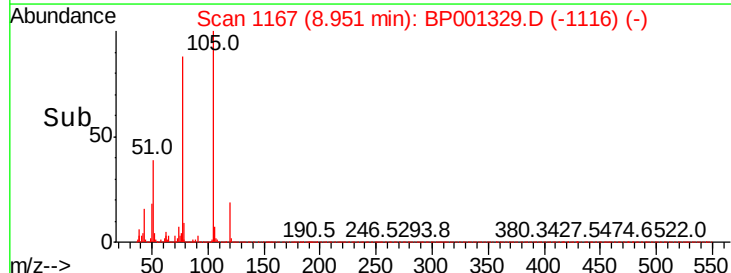
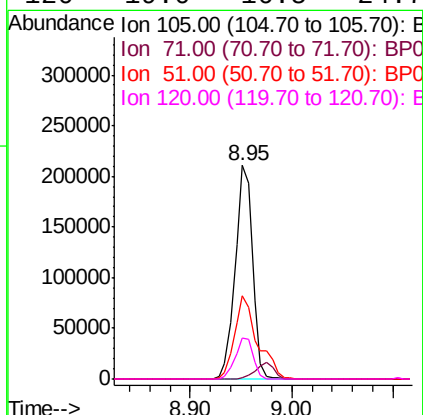
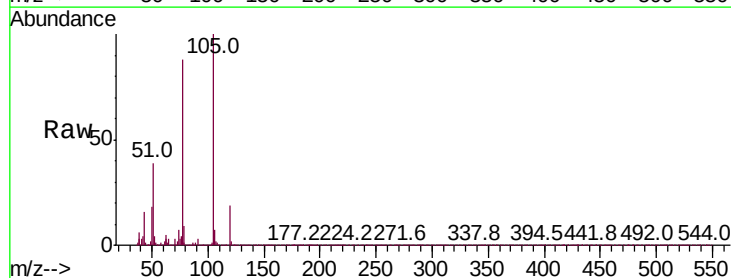
Instrument :
BNA_P
ClientSampleId :

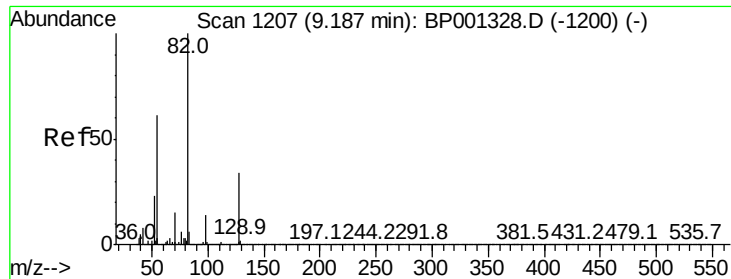
Tot Ion:	136	Resp:	147135
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.5	8.8	13.2
68	5.2	4.6	6.8



#22
Acetophenone
Concen: 57.853 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:	105	Resp:	250183
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	38.7	30.6	45.8
120	19.0	16.5	24.7

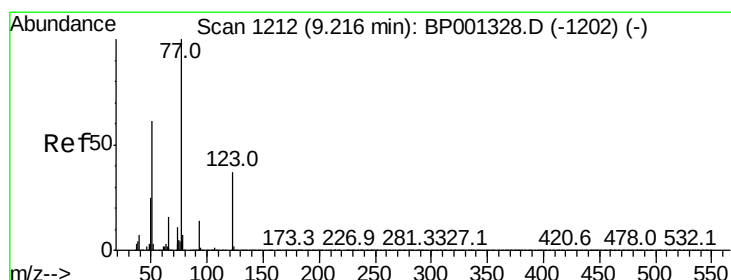
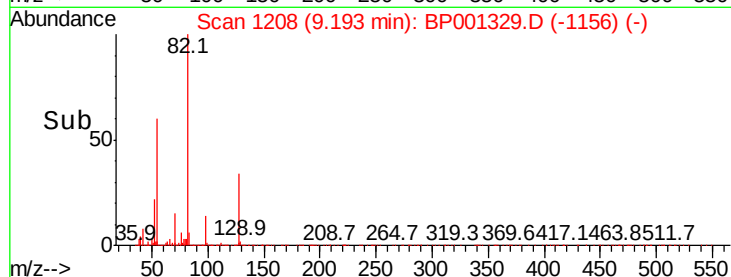
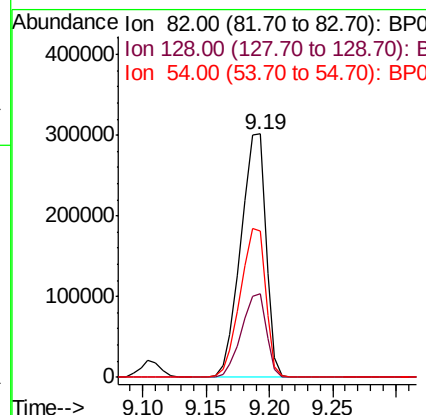
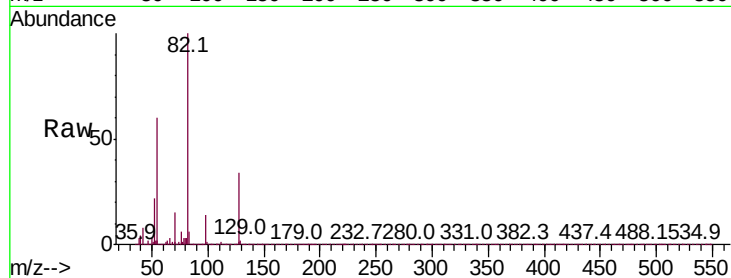




#23
 Nitrobenzene-d5
 Concen: 122.421 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BP001329.D
 Acq: 19 Dec 2019 17:50

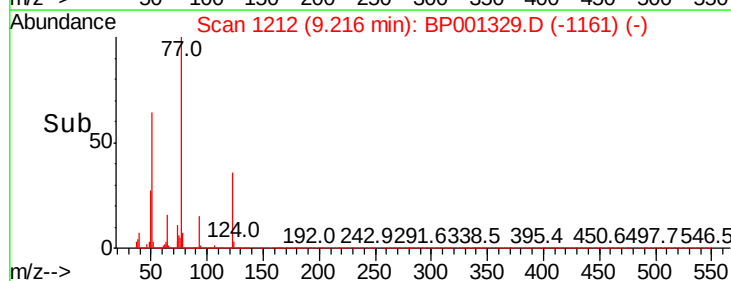
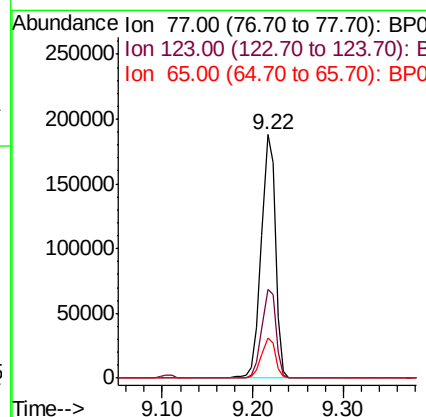
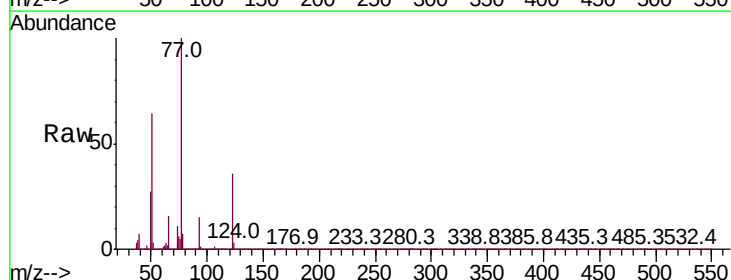
Instrument :
 BNA_P
 ClientSampleId :

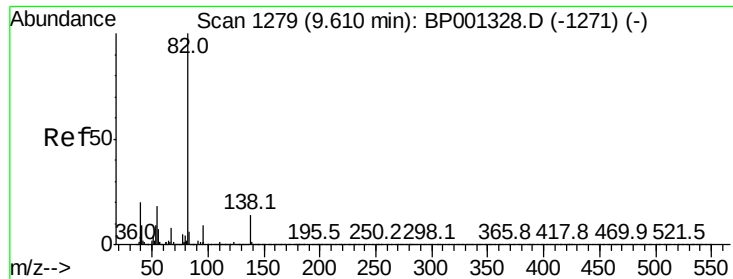
Tot Ion:	82	Resp:	415168
Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.0	40.4
54	59.9	49.0	73.4



#24
 Nitrobenzene
 Concen: 59.886 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BP001329.D
 Acq: 19 Dec 2019 17:50

Tgt Ion:	77	Resp:	201952
Ion	Ratio	Lower	Upper
77	100		
123	36.2	29.4	44.0
65	16.4	12.4	18.6





#25

Isophorone

Concen: 54.529 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampleId :

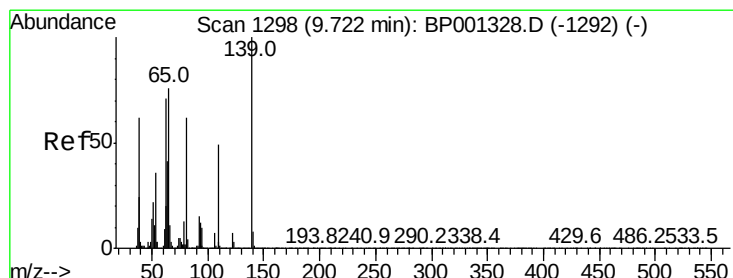
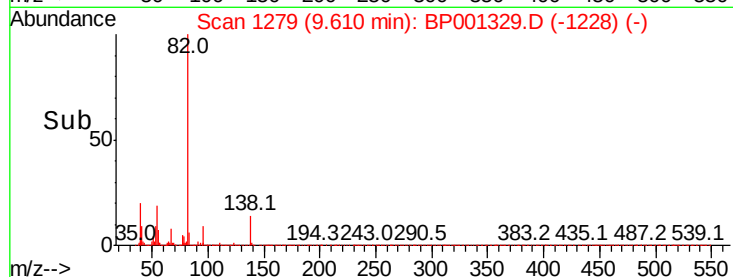
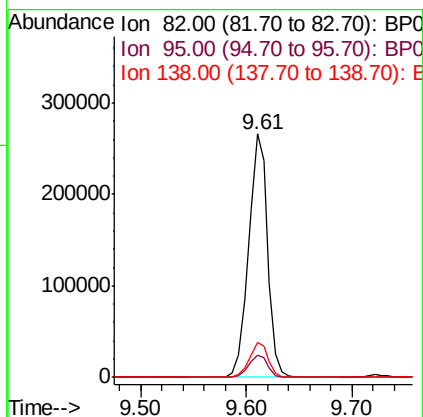
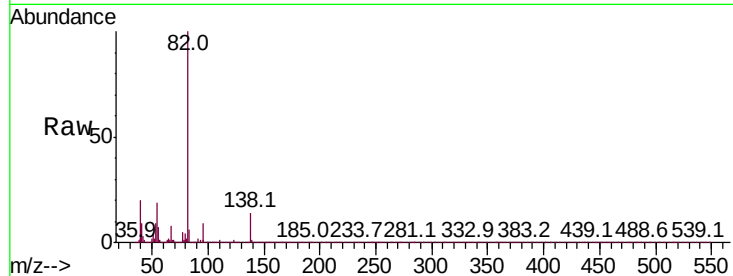
Tot Ion: 82 Resp: 331605

Ion Ratio Lower Upper

82 100

95 8.9 7.3 10.9

138 14.3 11.5 17.3



#26

2-Nitrophenol

Concen: 59.425 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

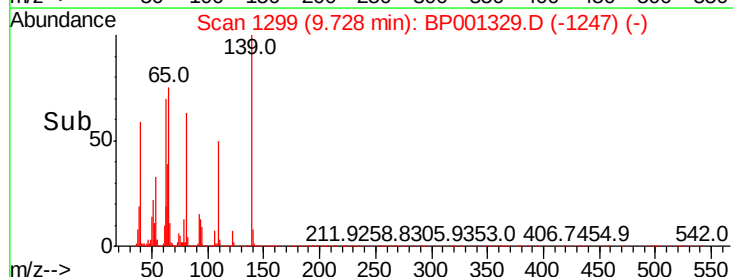
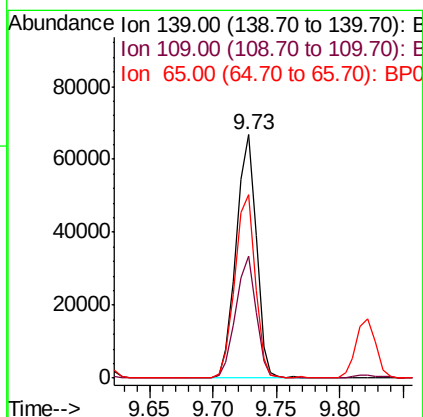
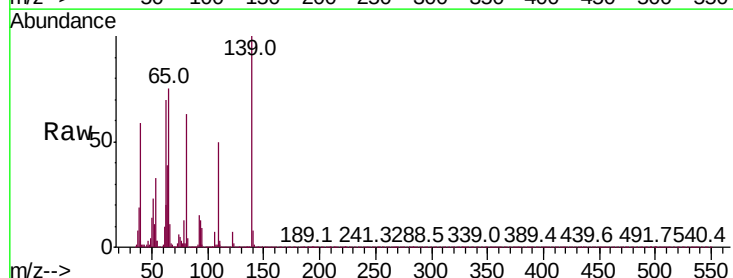
Tgt Ion: 139 Resp: 73403

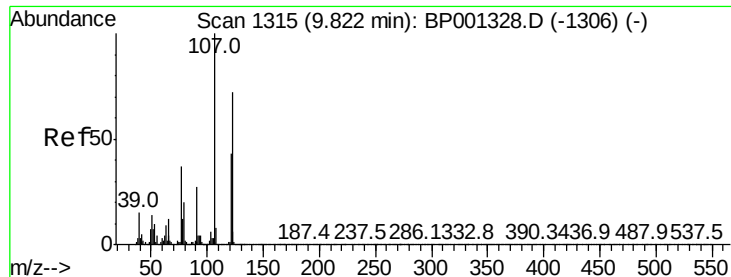
Ion Ratio Lower Upper

139 100

109 49.9 39.1 58.7

65 75.2 61.2 91.8





#27

2,4-Dimethylphenol

Concen: 55.003 ng

RT: 9.82 min Scan# 1315

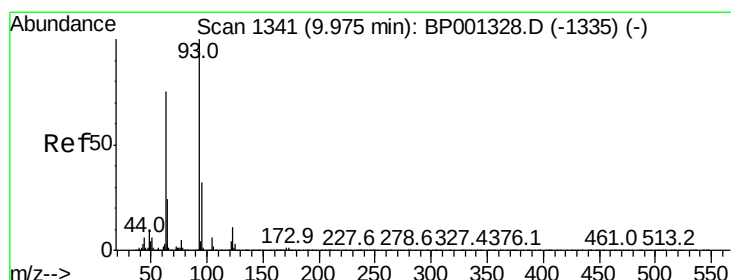
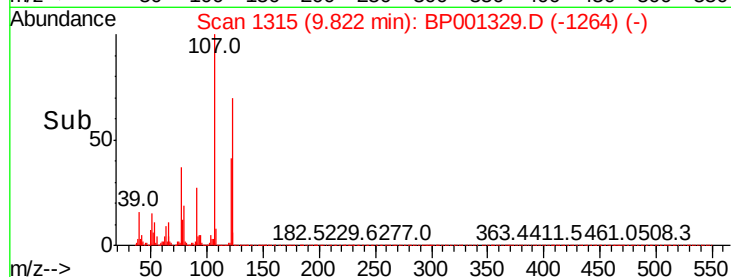
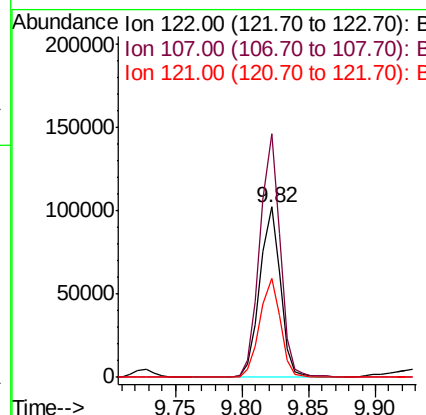
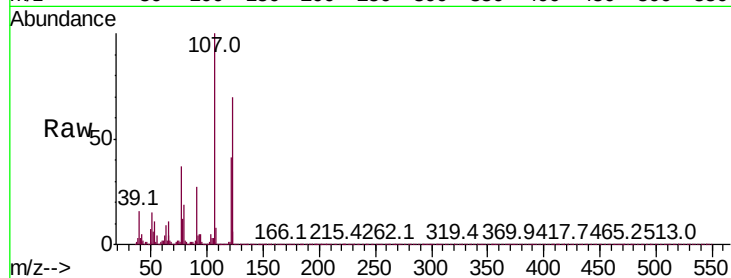
Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	143.2	111.9	167.9
121	58.5	47.9	71.9



#28

bis(2-Chloroethoxy)methane

Concen: 52.399 ng

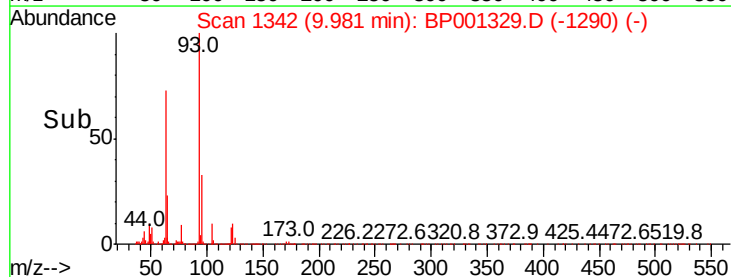
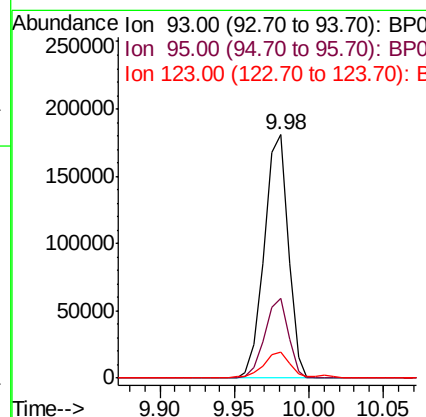
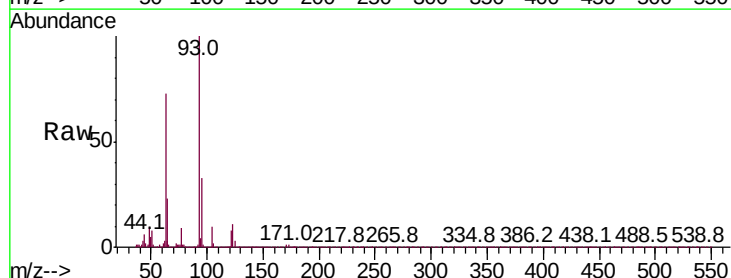
RT: 9.98 min Scan# 1342

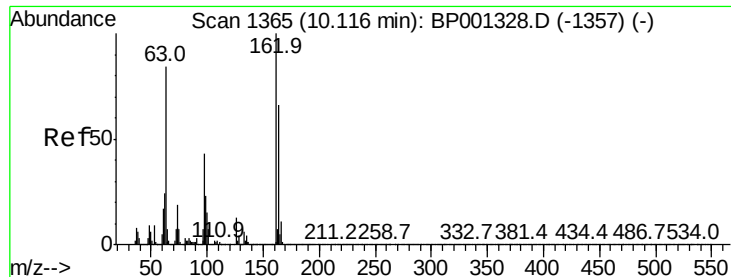
Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.4	38.0
123	10.5	8.8	13.2

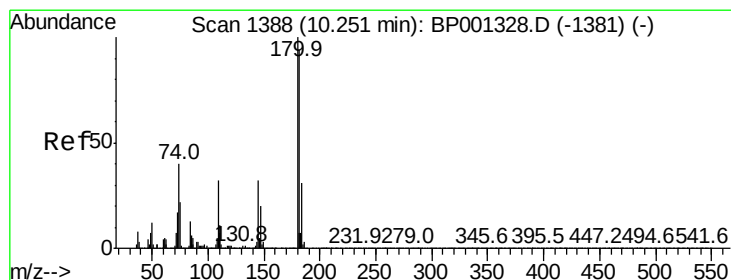
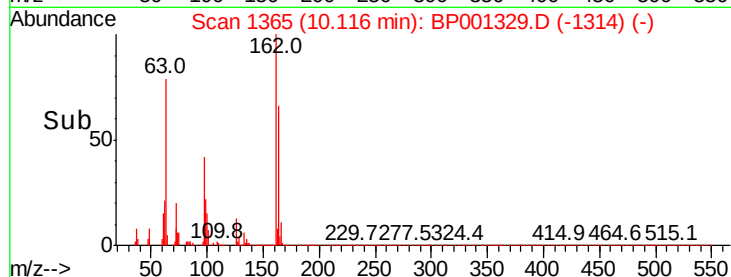
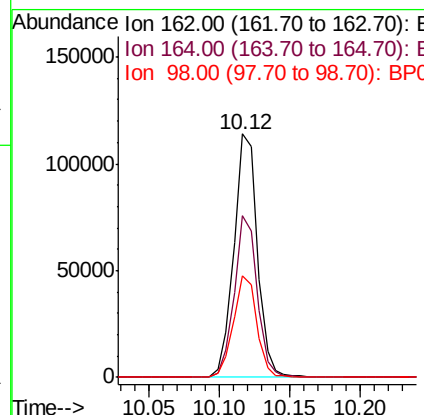
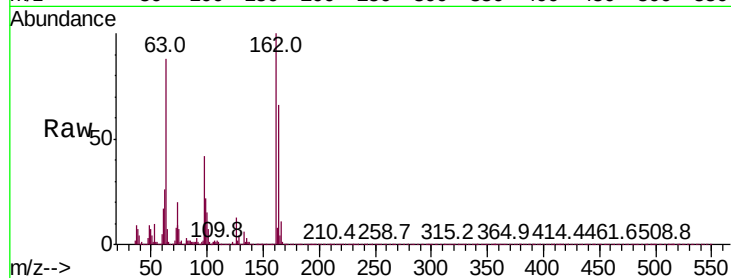




#29
2,4-Dichlorophenol
Concen: 59.641 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

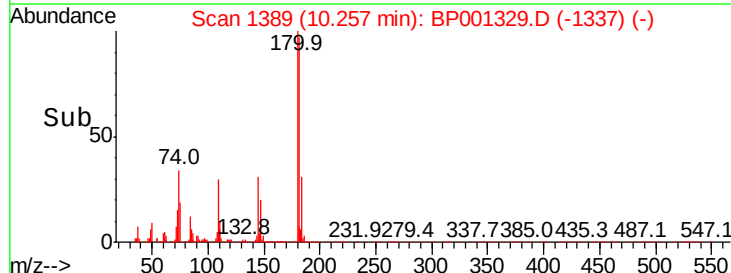
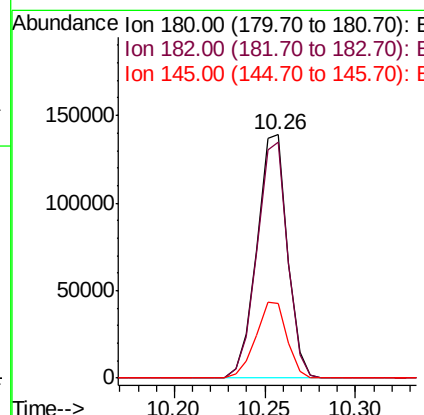
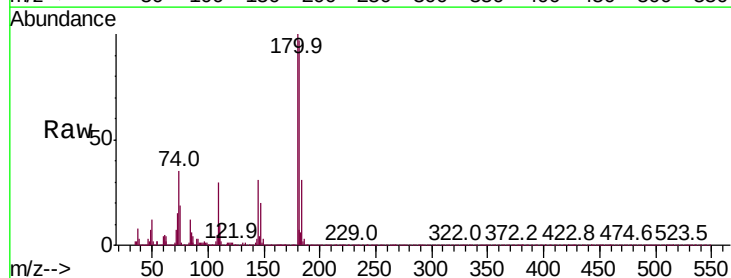
Instrument :
BNA_P
ClientSampleId :

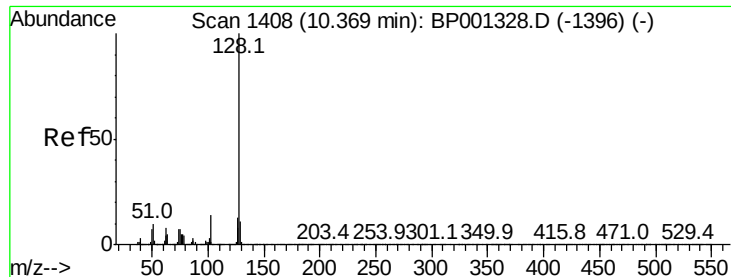
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	45.9	85.9
98	41.8	23.2	63.2



#30
1,2,4-Trichlorobenzene
Concen: 62.766 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.0	112.6
145	30.6	25.8	38.8

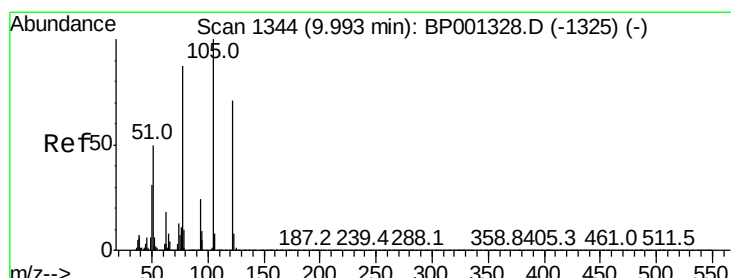
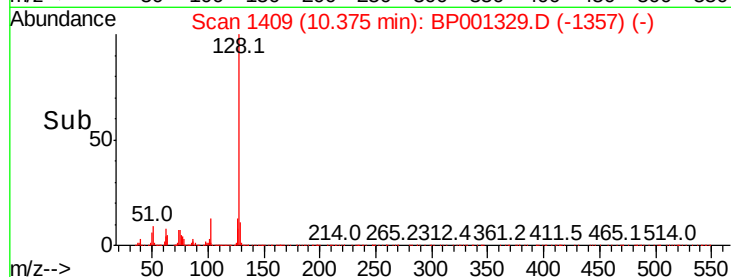
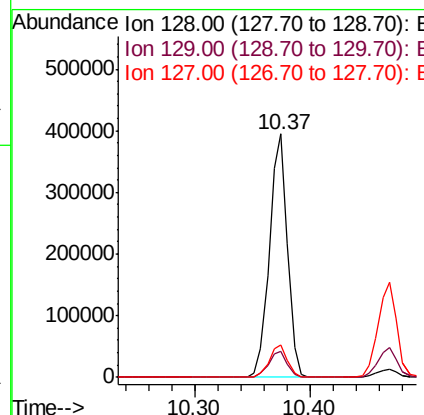
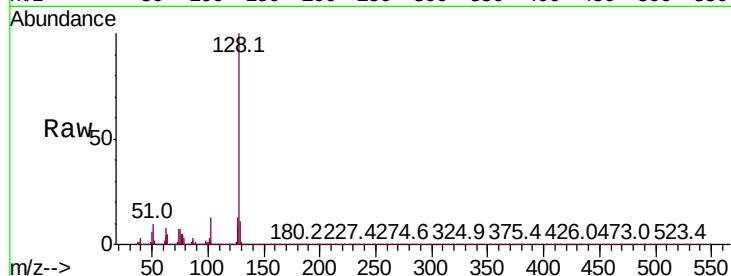




#31
Naphthalene
Concen: 57.662 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

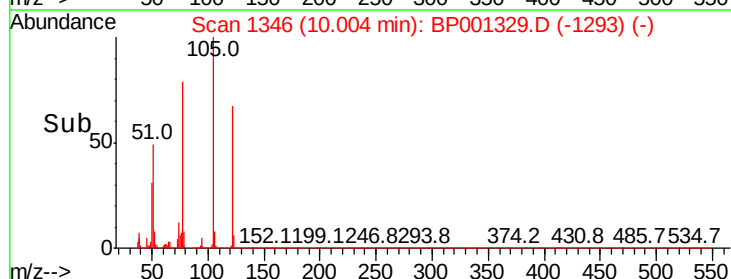
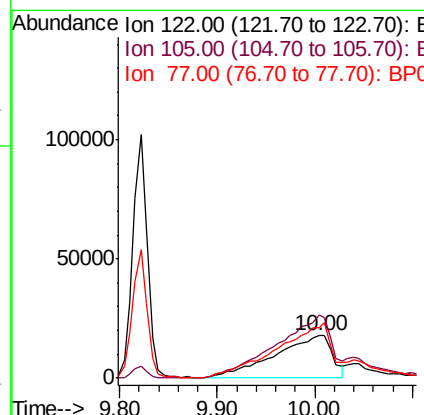
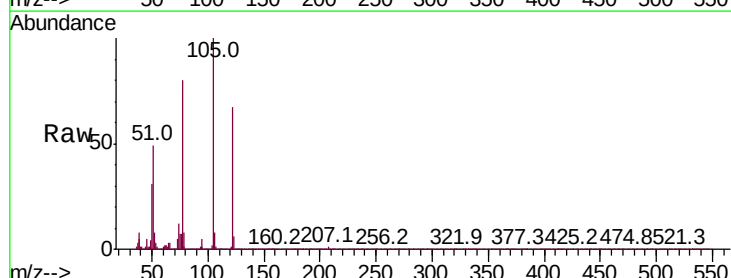
Instrument :
BNA_P
ClientSampleId :

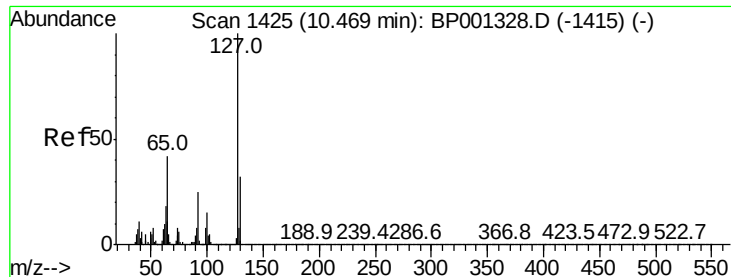
Tot Ion:128 Resp: 433305
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 50.725 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:122 Resp: 71751
Ion Ratio Lower Upper
122 100
105 149.5 118.5 158.5
77 118.9 101.3 141.3

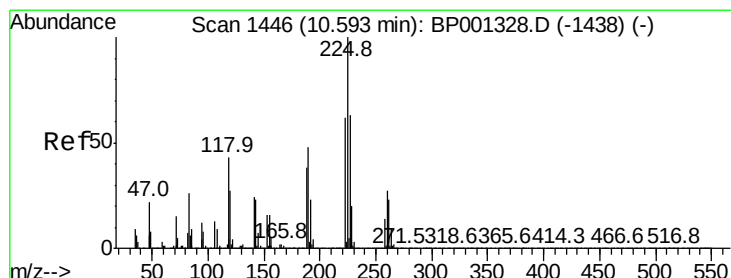
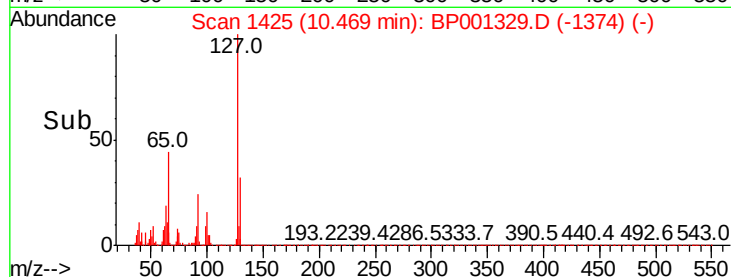
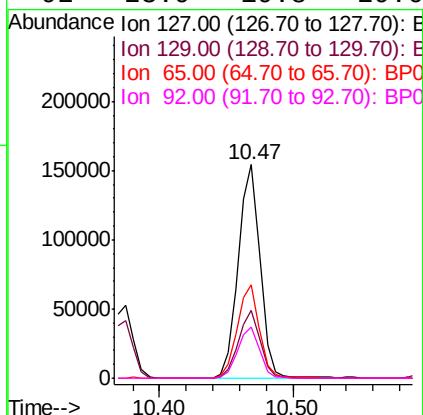
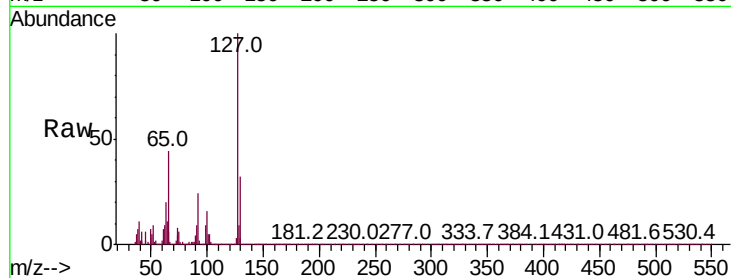




#33
4-Chloroaniline
Concen: 54.315 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

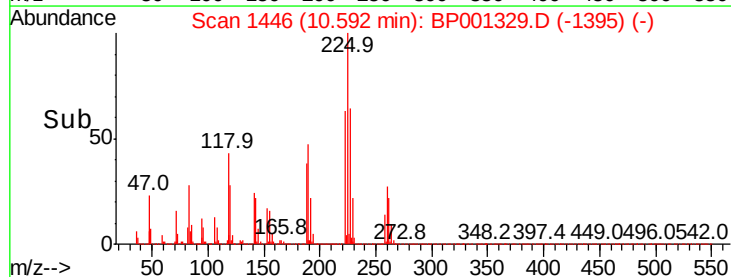
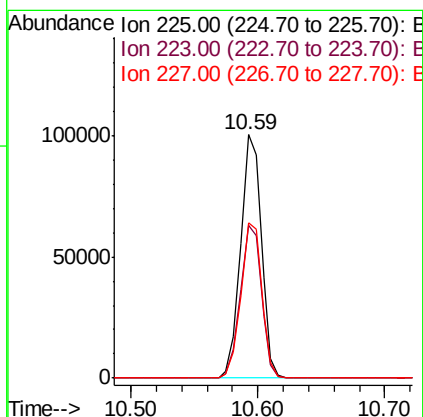
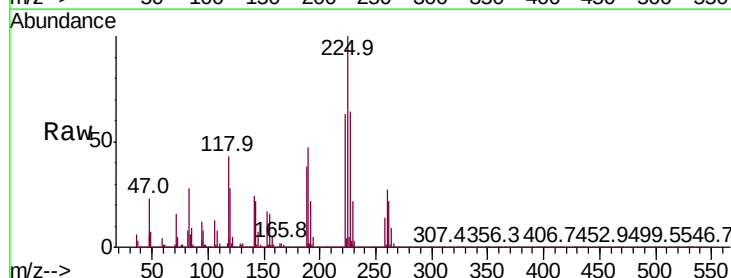
Instrument :
BNA_P
ClientSampleId :

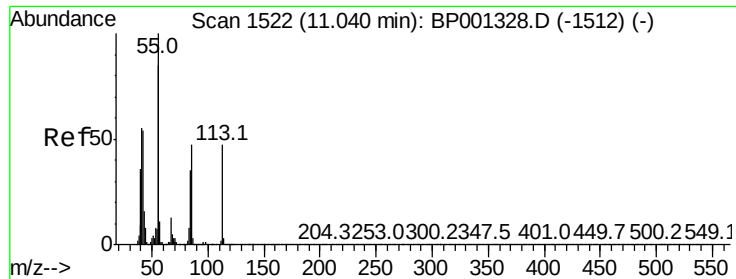
Tot Ion:	127	Resp:	177119
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.2	37.8
65	43.8	33.6	50.4
92	23.9	19.8	29.6



#34
Hexachlorobutadiene
Concen: 68.964 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:	225	Resp:	112837
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.2	73.8
227	63.8	50.3	75.5

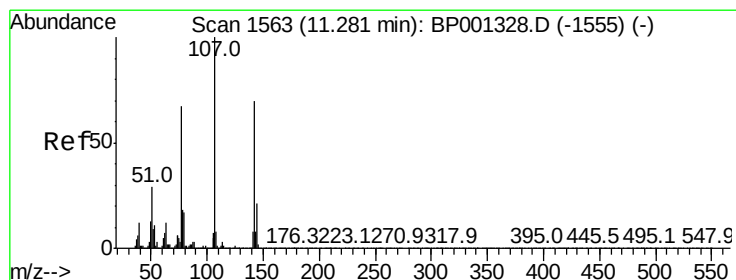
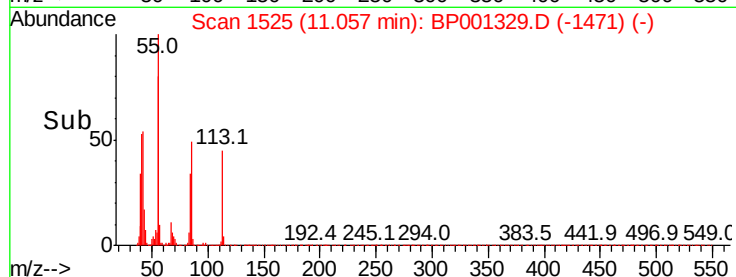
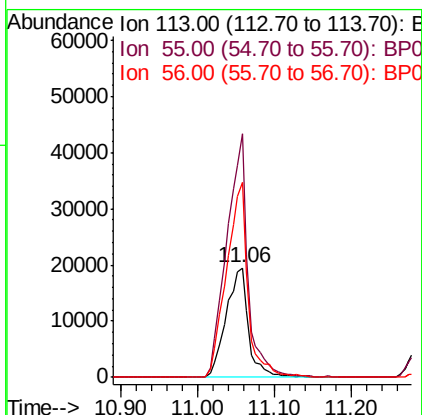
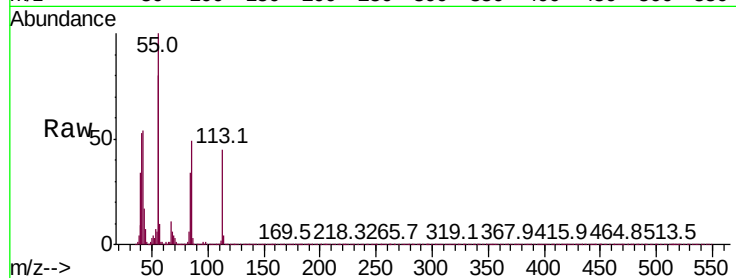




#35
 Caprolactam
 Concen: 51.634 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.02 min
 Lab File: BP001329.D
 Acq: 19 Dec 2019 17:50

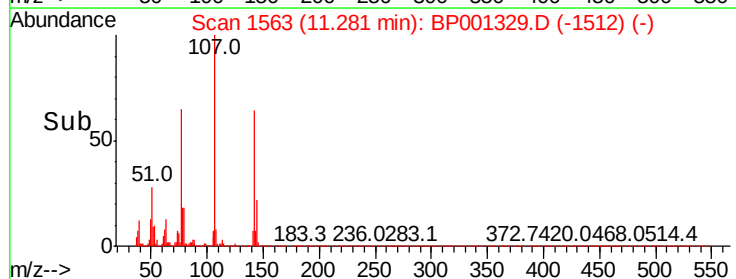
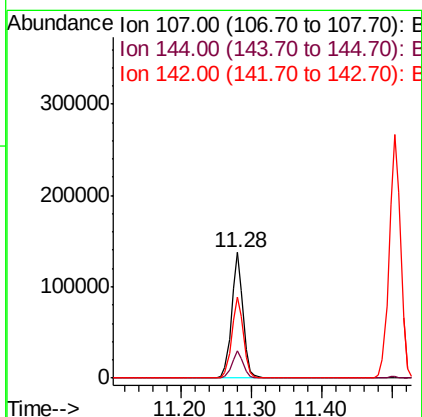
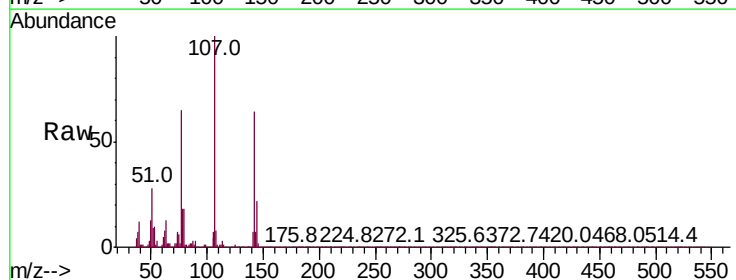
Instrument :
 BNA_P
 ClientSampled :

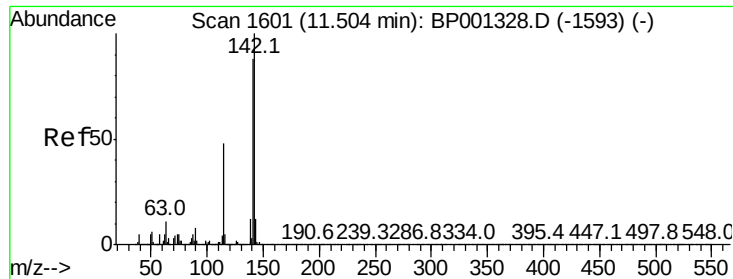
Tot Ion:113 Resp: 39628
 Ion Ratio Lower Upper
 113 100
 55 222.0 191.5 231.5
 56 178.0 160.5 200.5



#36
 4-Chloro-3-methylphenol
 Concen: 58.328 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BP001329.D
 Acq: 19 Dec 2019 17:50

Tgt Ion:107 Resp: 153999
 Ion Ratio Lower Upper
 107 100
 144 21.9 16.9 25.3
 142 64.3 55.9 83.9





#37

2-Methylnaphthalene

Concen: 57.999 ng

RT: 11.50 min Scan# 1601

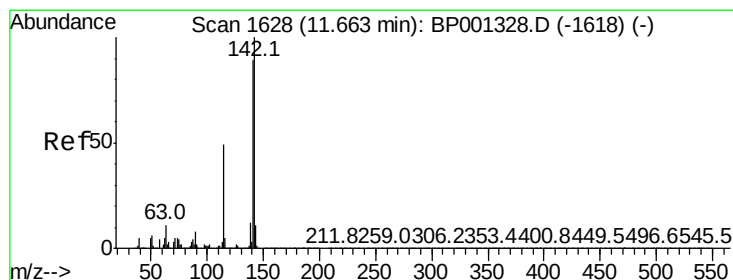
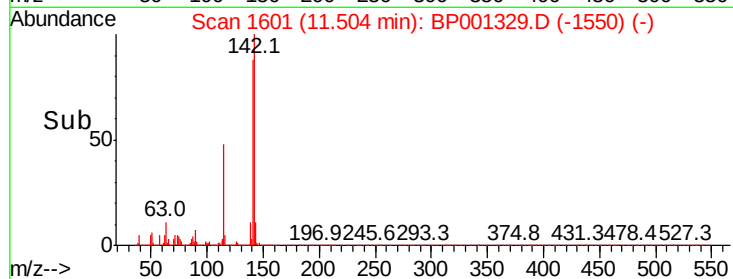
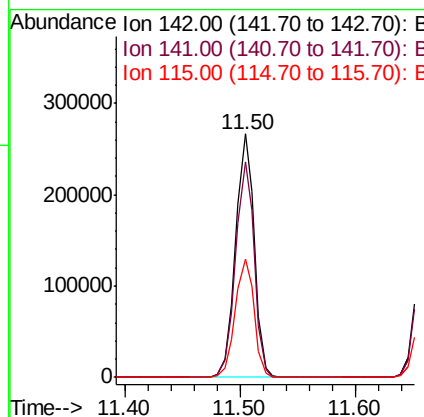
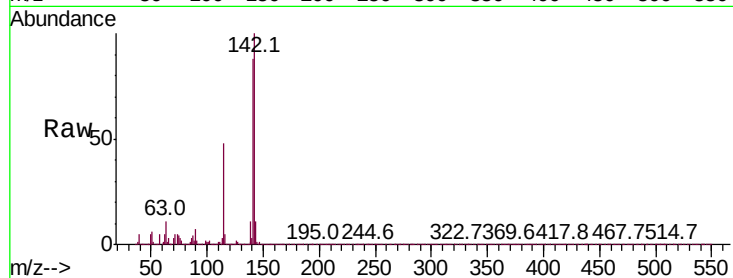
Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.2	105.4
115	48.3	38.7	58.1



#38

1-Methylnaphthalene

Concen: 57.682 ng

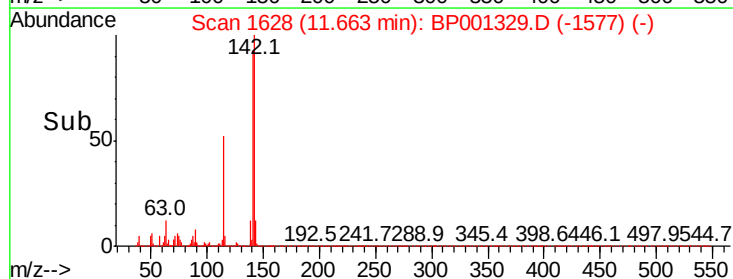
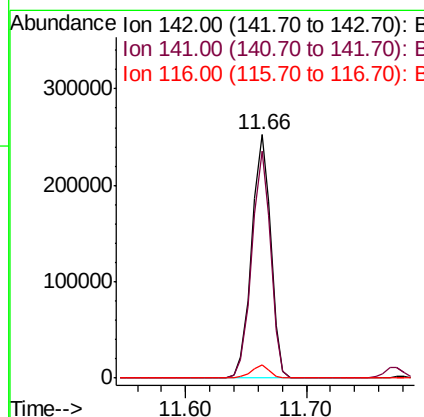
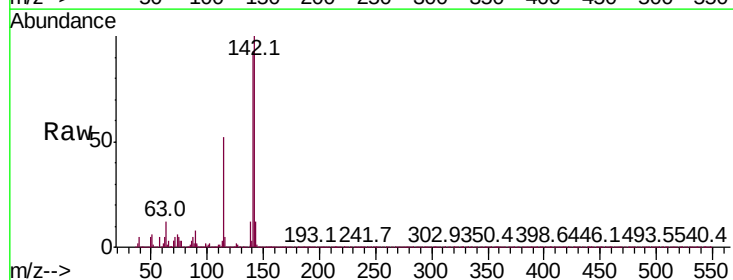
RT: 11.66 min Scan# 1628

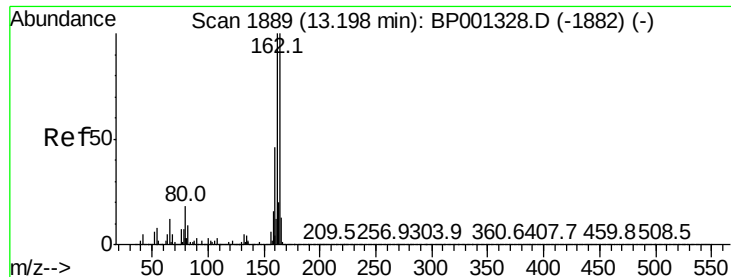
Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.3	106.9
116	5.3	4.2	6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampled :

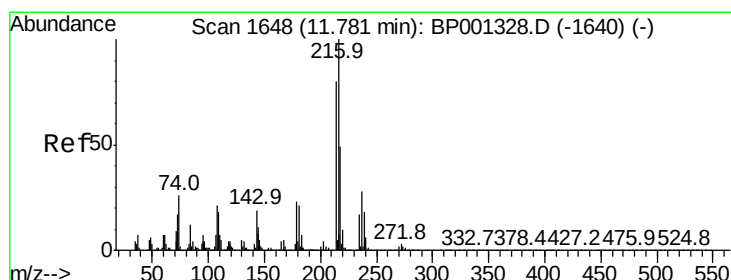
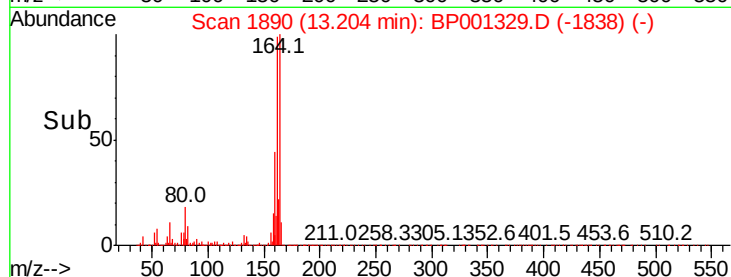
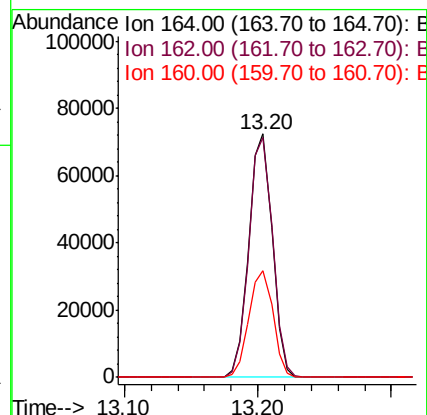
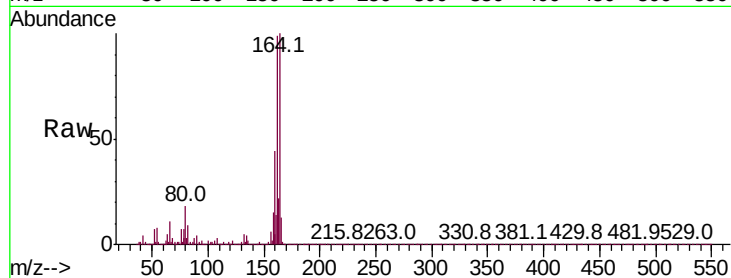
Tot Ion:164 Resp: 87439

Ion Ratio Lower Upper

164 100

162 98.6 80.3 120.5

160 44.0 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.771 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion:216 Resp: 170215

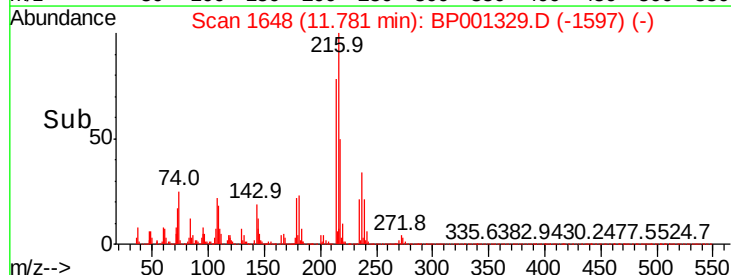
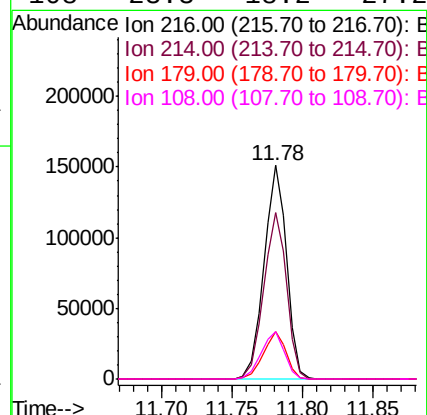
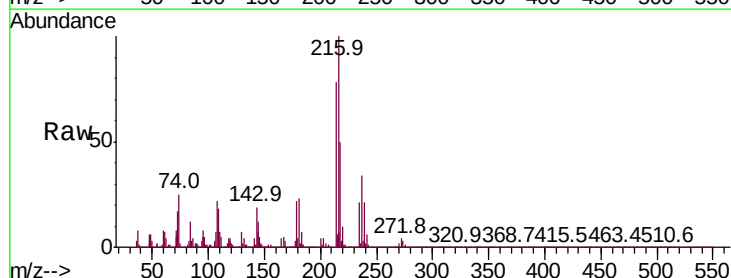
Ion Ratio Lower Upper

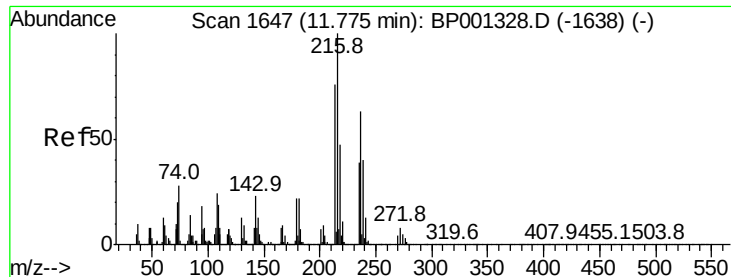
216 100

214 78.9 62.6 94.0

179 22.3 18.1 27.1

108 23.3 18.2 27.2

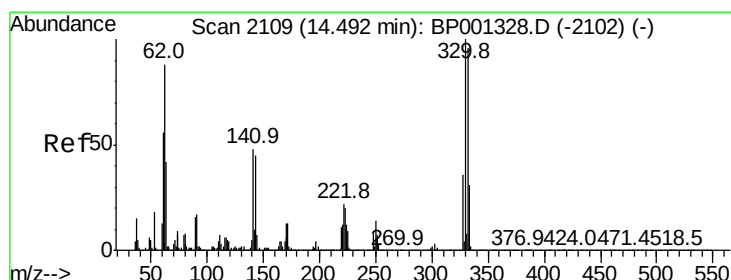
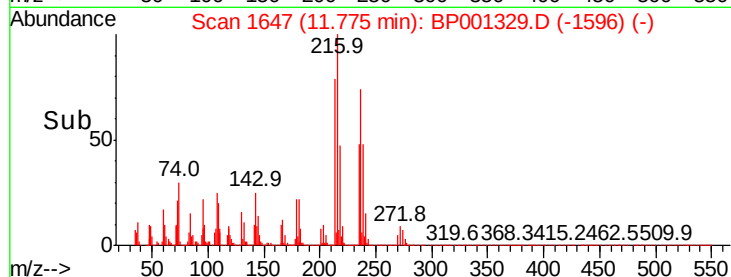
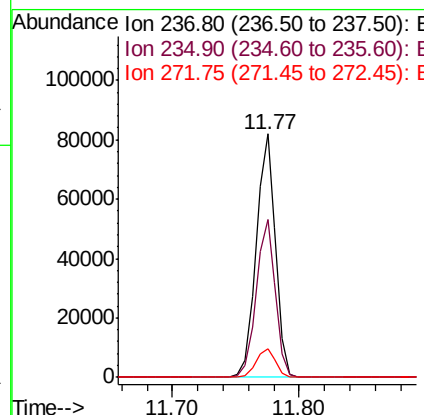
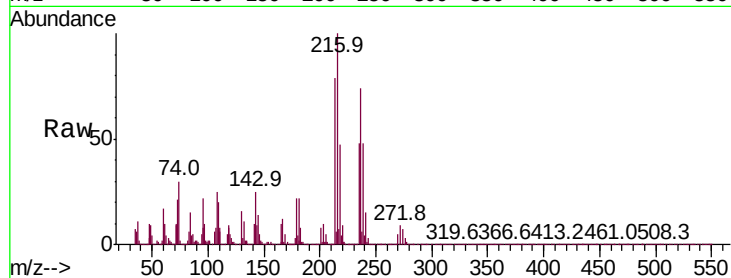




#41
Hexachlorocyclopentadiene
Concen: 68.213 ng
RT: 11.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

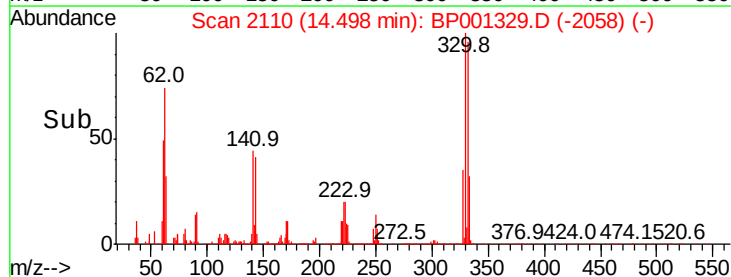
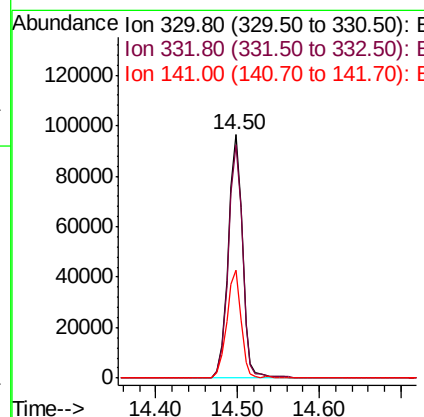
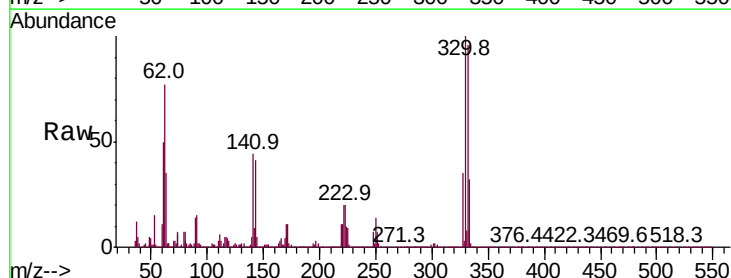
Instrument :
BNA_P
ClientSampleId :

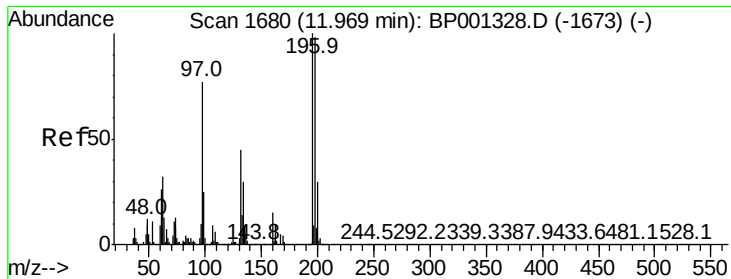
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.7	41.9	81.9
272	12.0	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 139.421 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.7	118.1
141	45.2	36.2	54.4

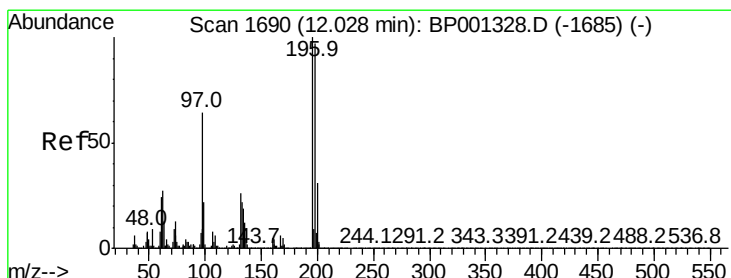
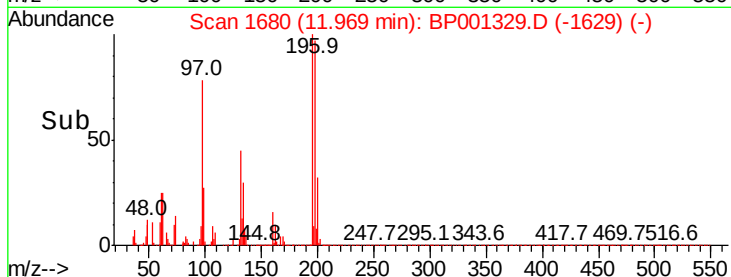
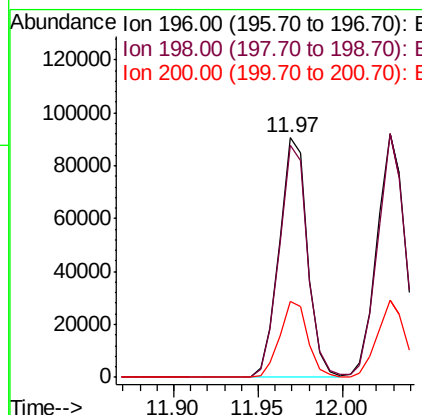
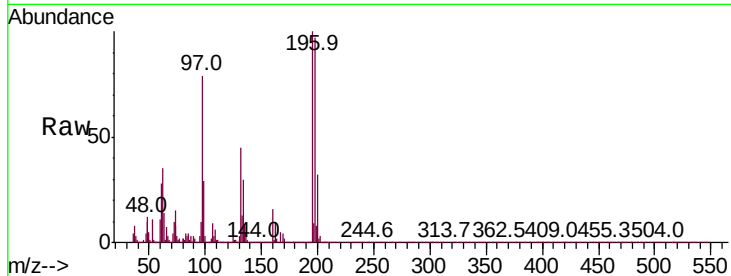




#43
 2,4,6-Trichlorophenol
 Concen: 58.570 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BP001329.D
 Acq: 19 Dec 2019 17:50

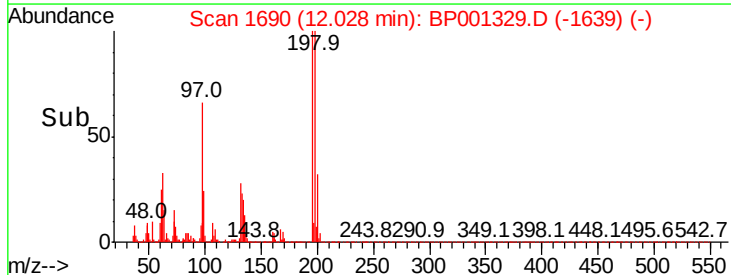
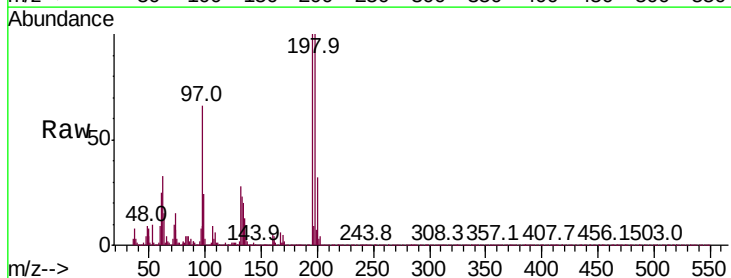
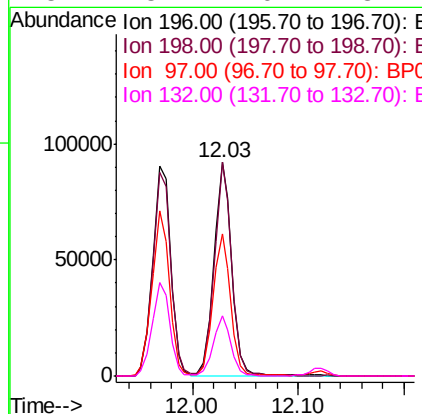
Instrument :
 BNA_P
 ClientSampleId :

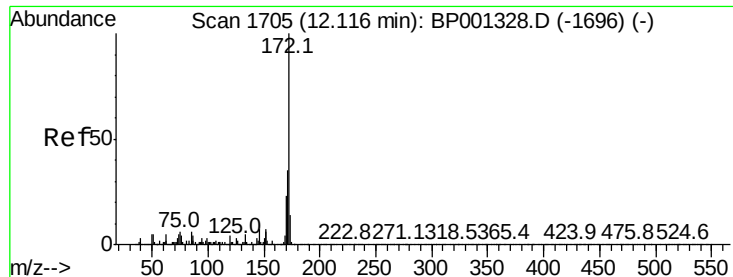
Tot Ion:196 Resp: 105381
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.6 118.0
 200 31.7 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 59.024 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BP001329.D
 Acq: 19 Dec 2019 17:50

Tgt Ion:196 Resp: 110032
 Ion Ratio Lower Upper
 196 100
 198 99.9 77.7 116.5
 97 66.4 50.7 76.1
 132 28.2 20.7 31.1

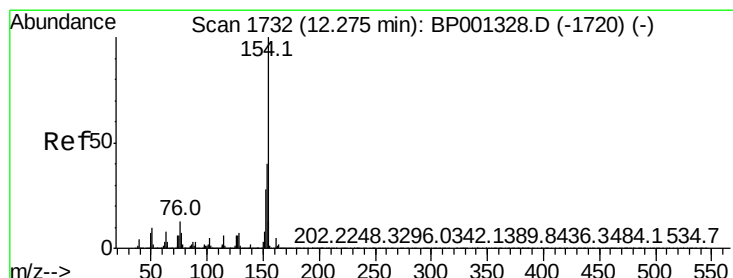
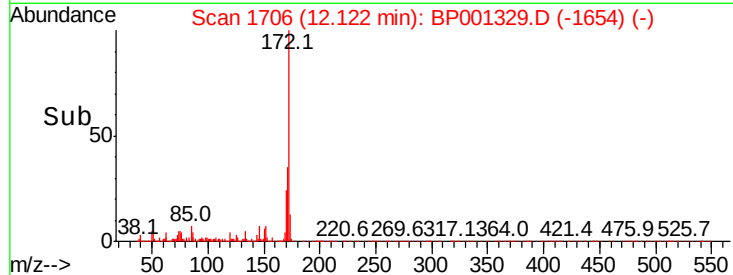
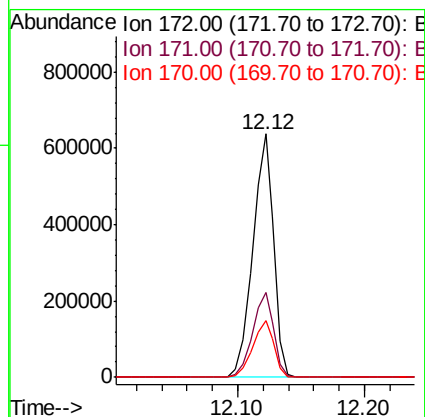
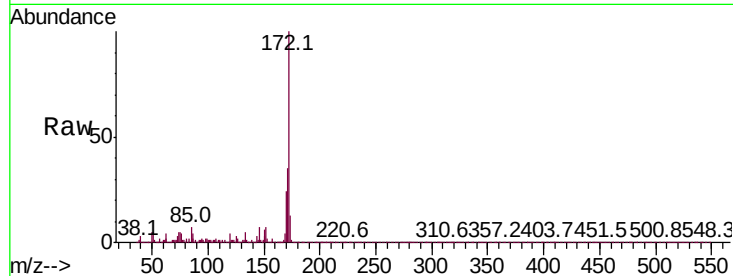




#45
2-Fluorobiphenyl
Concen: 121.861 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

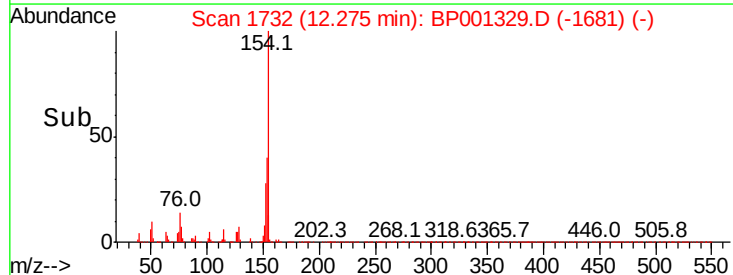
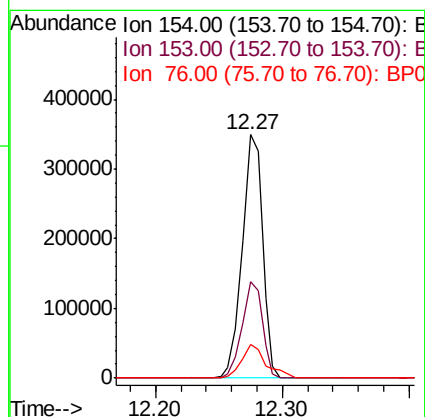
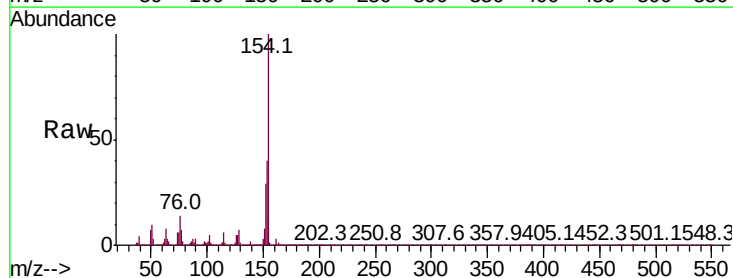
Instrument :
BNA_P
ClientSampleId :

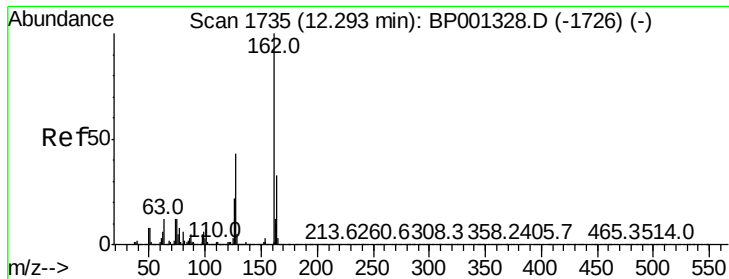
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.6	18.6	28.0



#46
1,1'-Biphenyl
Concen: 57.070 ng
RT: 12.27 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	14.0	0.0	33.1

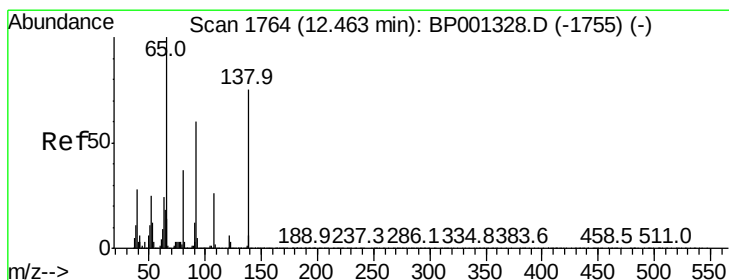
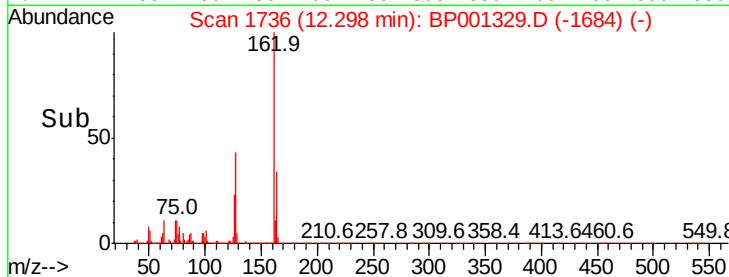
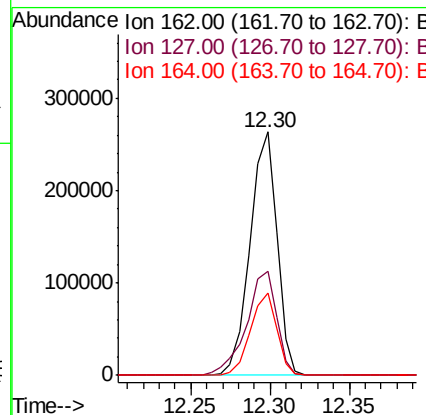
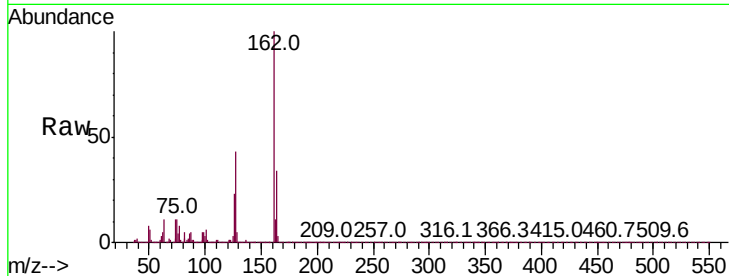




#47
2-Chloronaphthalene
Concen: 57.470 ng
RT: 12.30 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

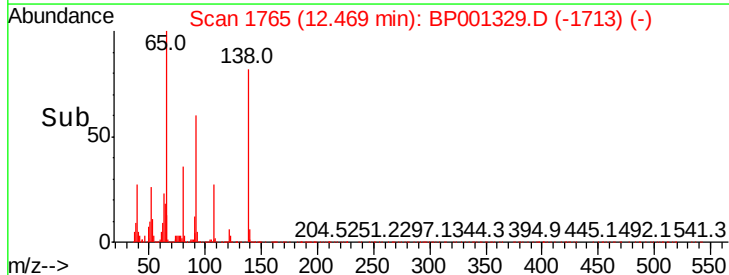
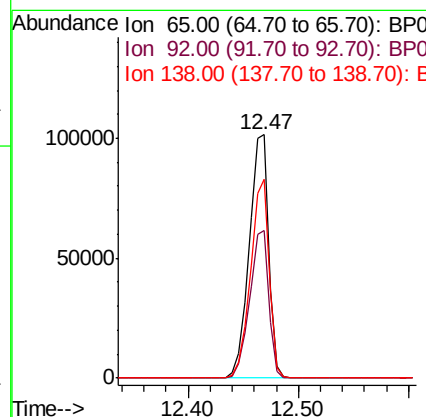
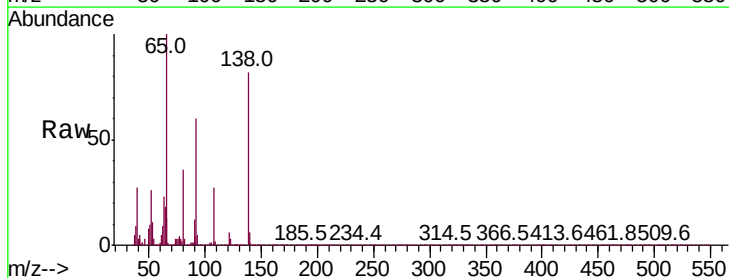
Instrument :
BNA_P
ClientSampleId :

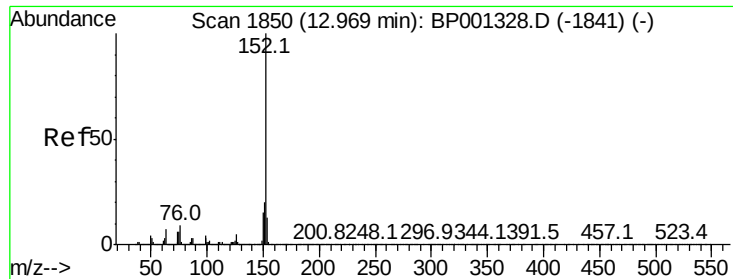
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.2	51.4
164	33.7	26.4	39.6



#48
2-Nitroaniline
Concen: 59.464 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.5	48.3	72.5
138	81.6	60.2	90.4





#49

Acenaphthylene

Concen: 56.091 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BP001329.D

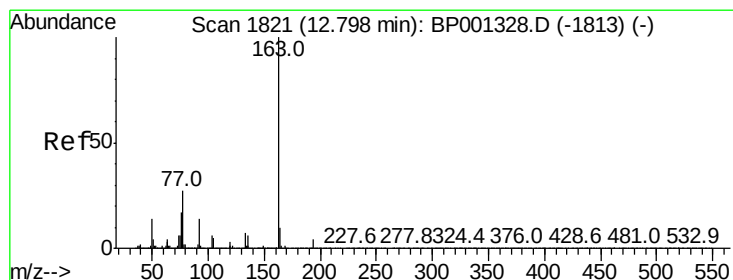
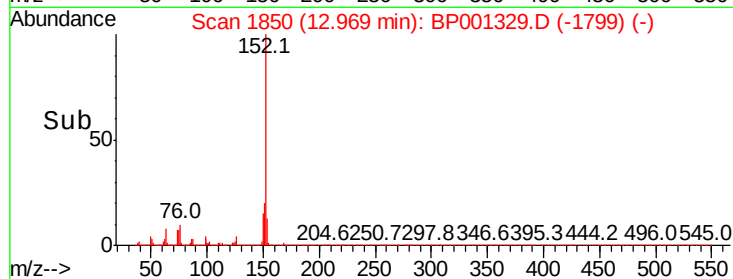
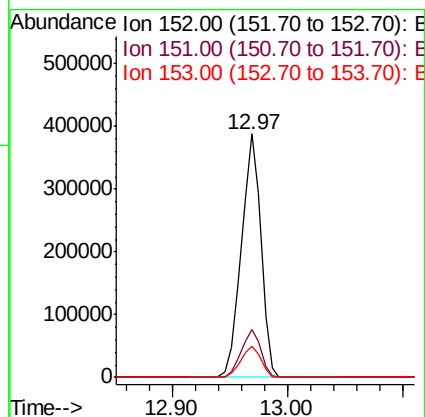
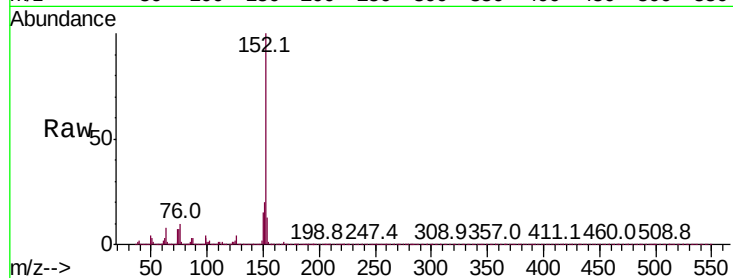
Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampled :

Tot Ion:	152	Resp:	453836
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	12.9	10.4	15.6



#50

Dimethylphthalate

Concen: 57.913 ng

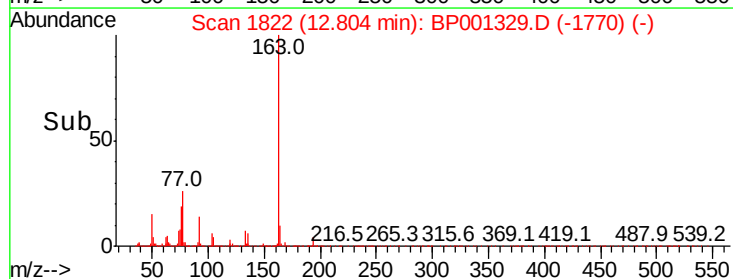
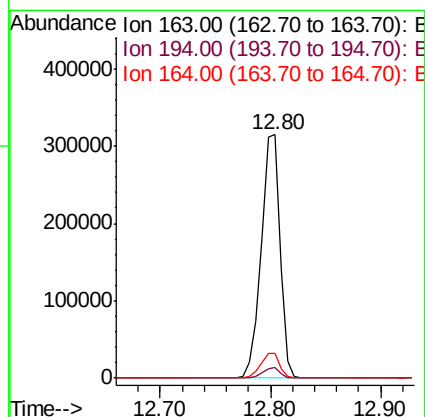
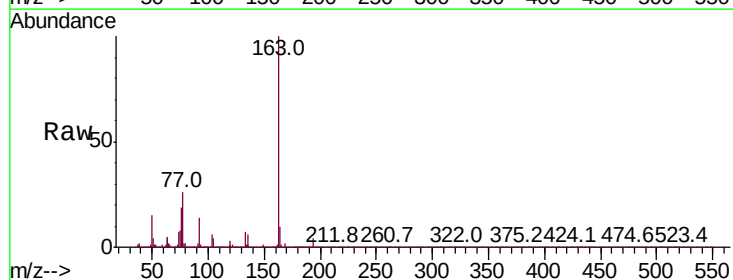
RT: 12.80 min Scan# 1822

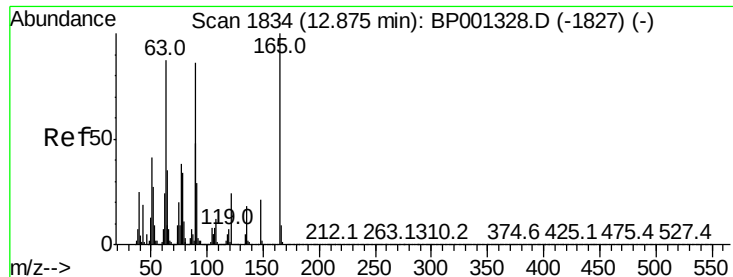
Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion:	163	Resp:	378729
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	7.9	11.9

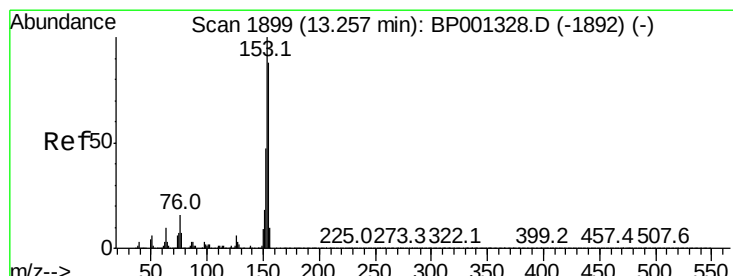
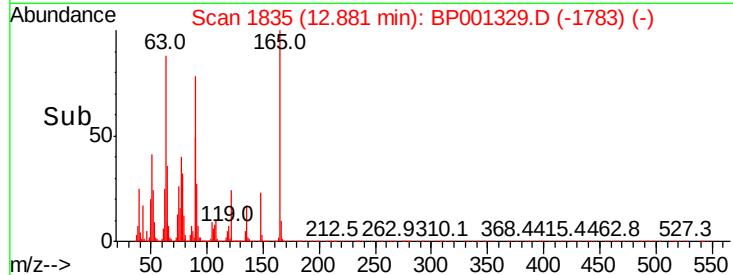
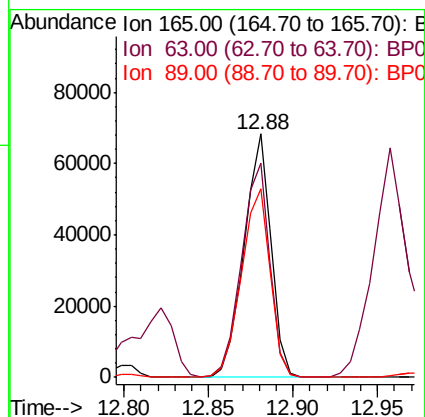
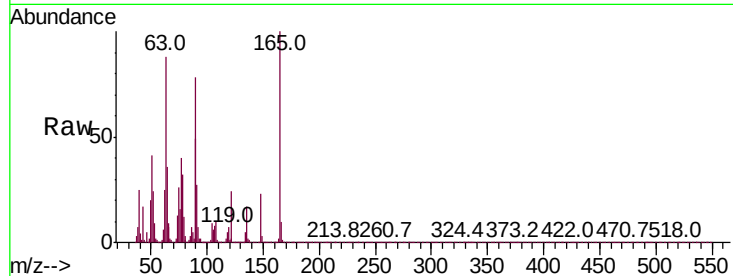




#51
2,6-Dinitrotoluene
Concen: 54.301 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

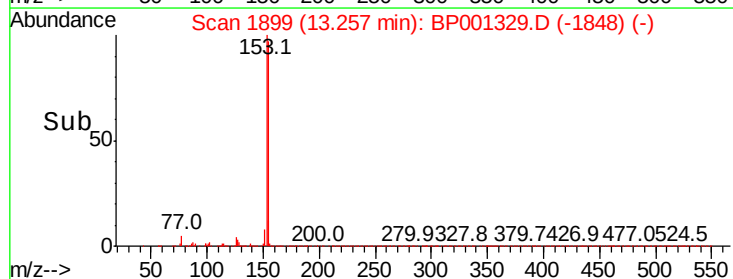
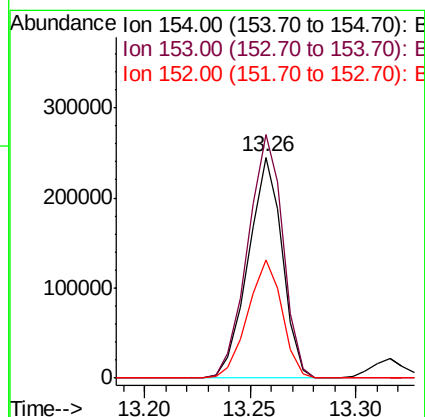
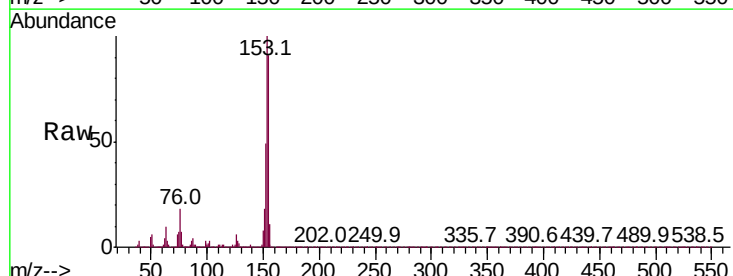
Instrument :
BNA_P
ClientSampleId :

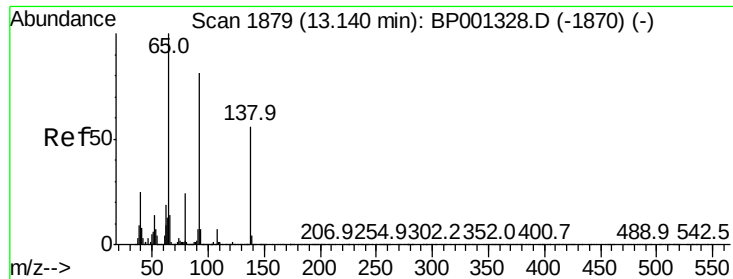
Tot Ion:165 Resp: 76016
Ion Ratio Lower Upper
165 100
63 87.8 71.3 106.9
89 77.7 68.5 102.7



#52
Acenaphthene
Concen: 56.335 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:154 Resp: 274184
Ion Ratio Lower Upper
154 100
153 110.3 90.6 135.8
152 53.8 42.4 63.6

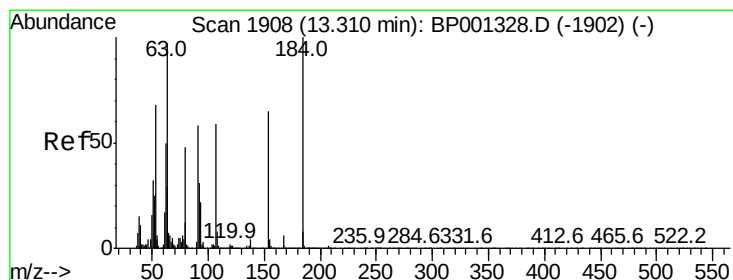
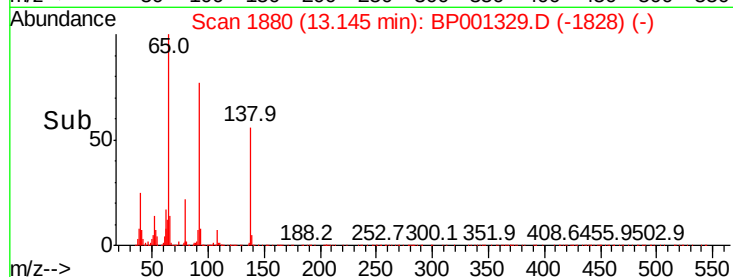
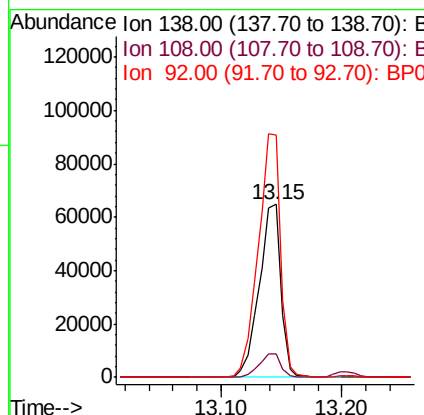
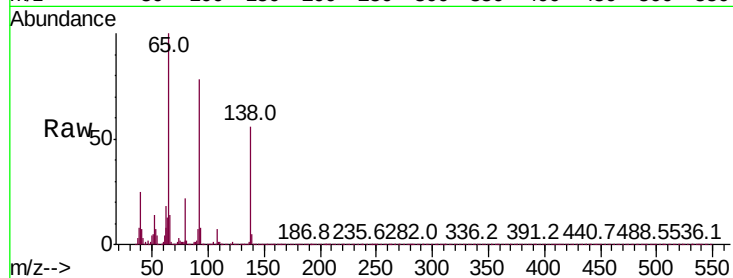




#53
3-Nitroaniline
Concen: 51.992 ng
RT: 13.15 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

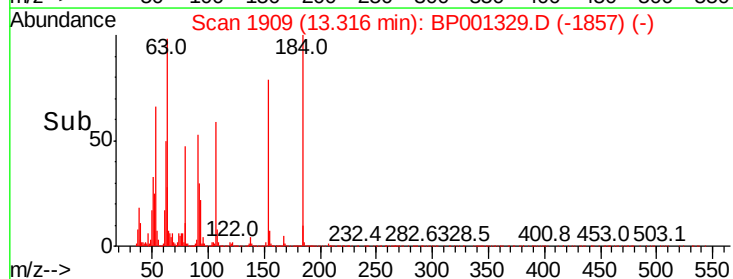
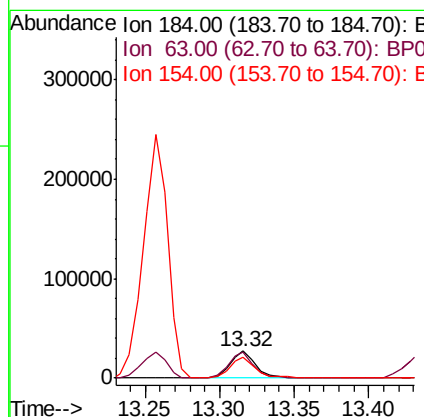
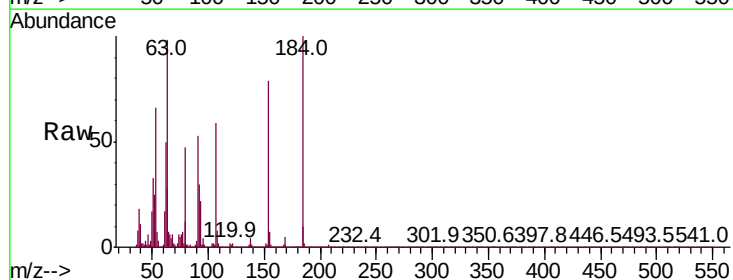
Instrument :
BNA_P
ClientSampleId :

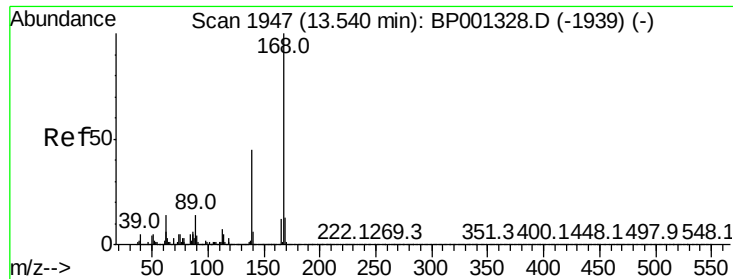
Tot Ion:138 Resp: 81761
Ion Ratio Lower Upper
138 100
108 13.3 10.1 15.1
92 140.1 114.6 172.0



#54
2,4-Dinitrophenol
Concen: 66.190 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:184 Resp: 32493
Ion Ratio Lower Upper
184 100
63 97.9 78.6 117.8
154 79.2 62.2 93.2

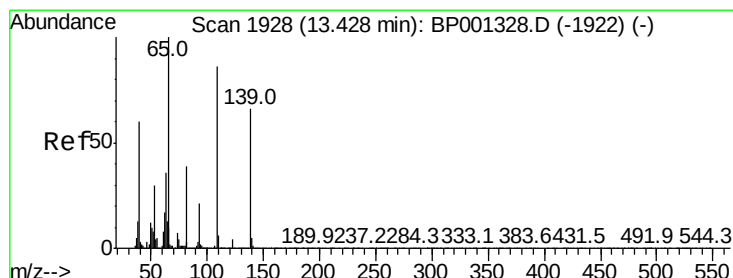
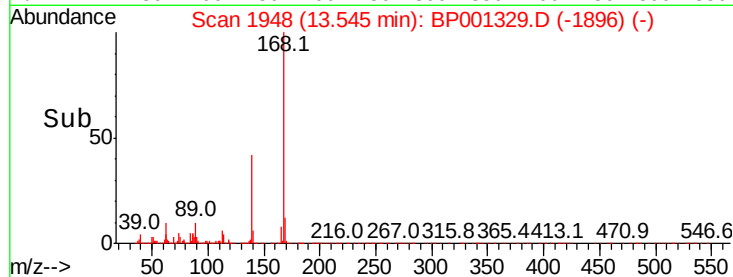
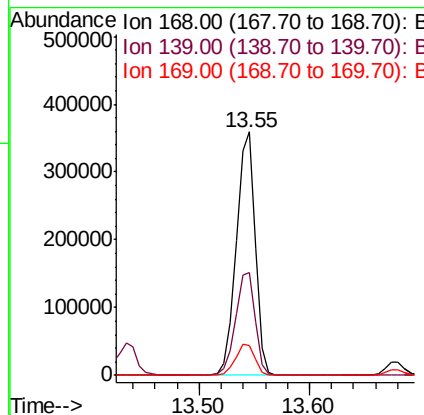
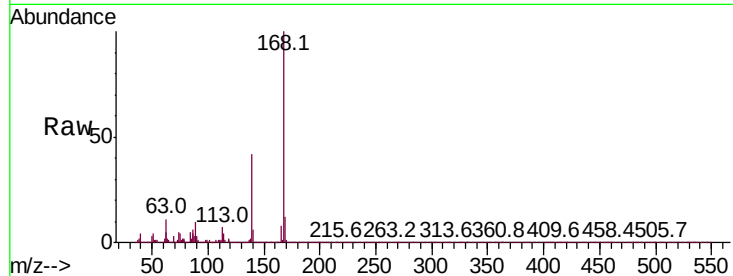




#55
Dibenzofuran
Concen: 59.045 ng
RT: 13.55 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

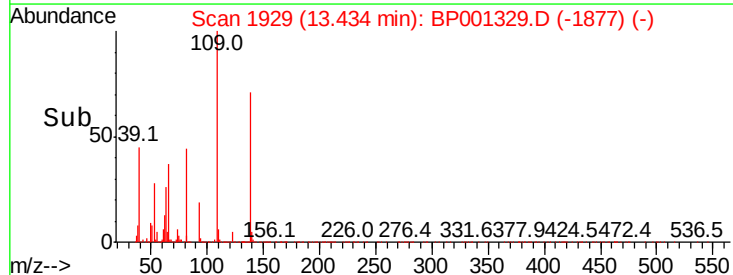
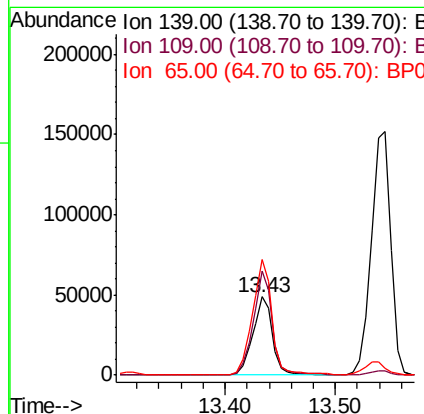
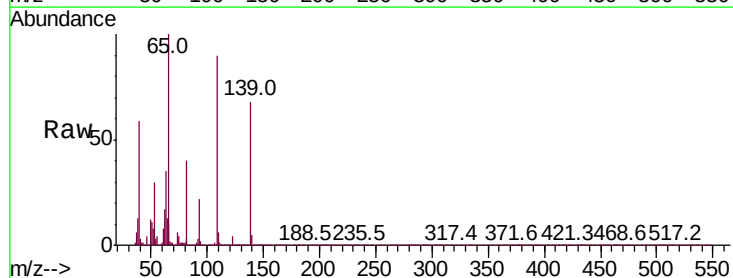
Instrument :
BNA_P
ClientSampled :

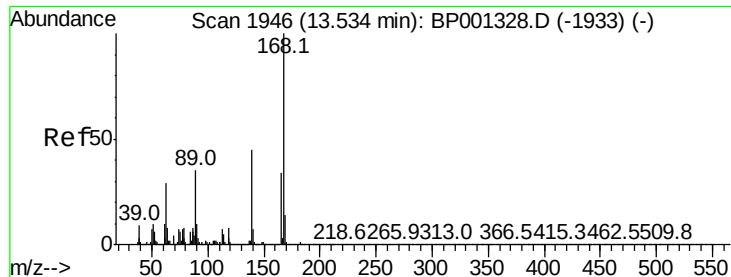
Tot Ion:168 Resp: 431839
Ion Ratio Lower Upper
168 100
139 42.3 35.8 53.8
169 12.4 10.5 15.7



#56
4-Nitrophenol
Concen: 54.470 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:139 Resp: 60697
Ion Ratio Lower Upper
139 100
109 133.4 110.1 150.1
65 147.7 131.3 171.3

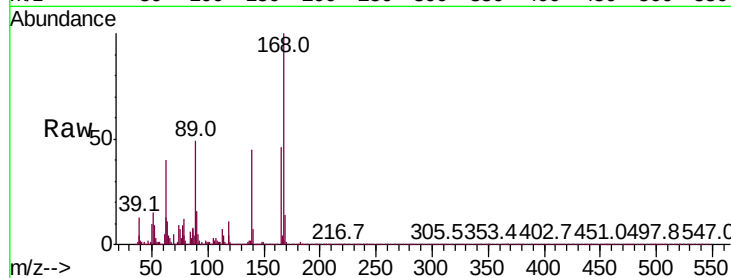




#57
2,4-Dinitrotoluene
Concen: 61.919 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	87.8	67.6	101.4
89	106.5	81.3	121.9
182	2.8	2.2	3.2

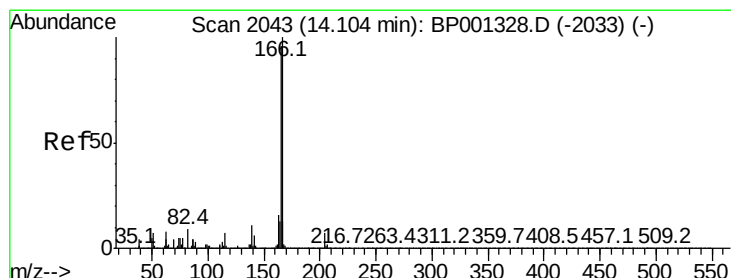
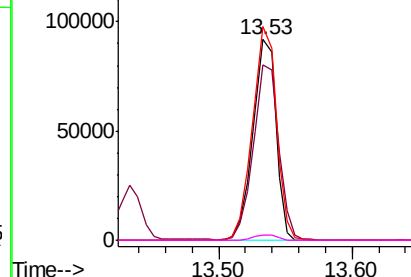
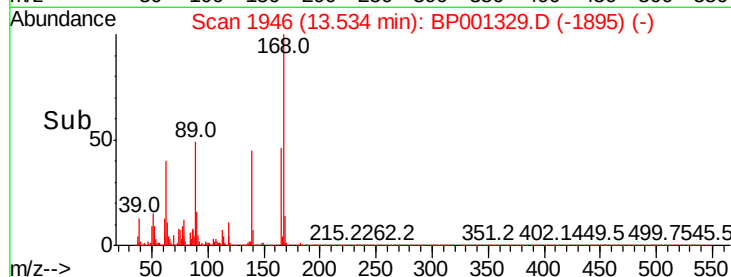


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

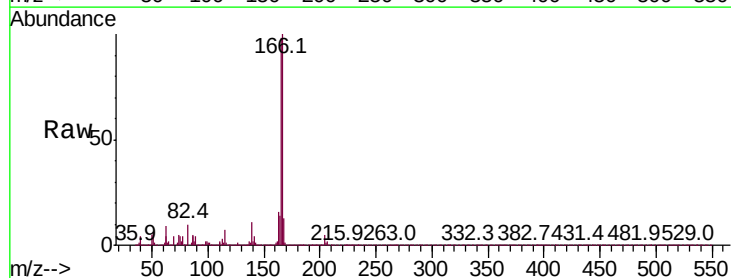
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 59.261 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

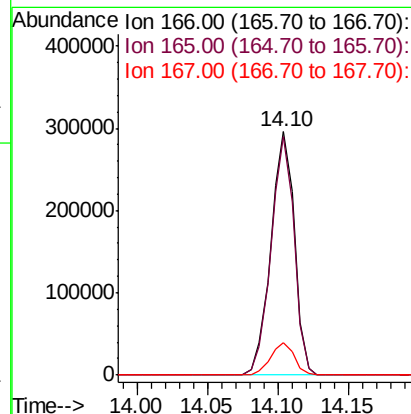
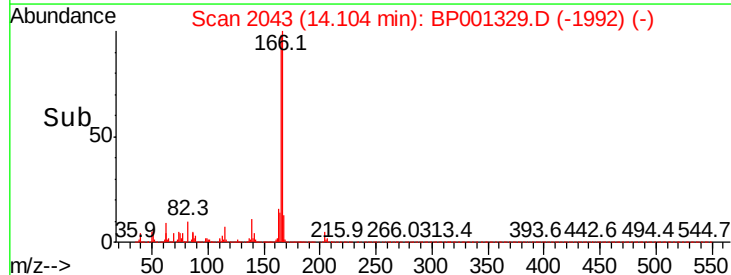
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.9	115.3
167	13.4	10.3	15.5

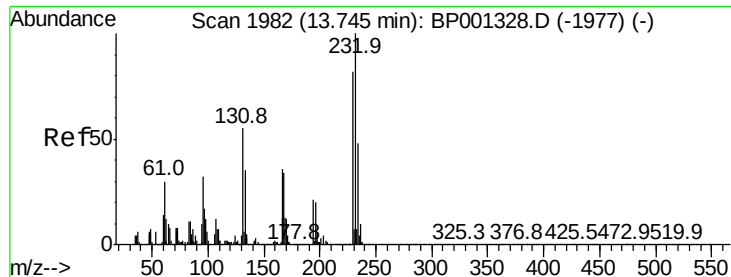


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

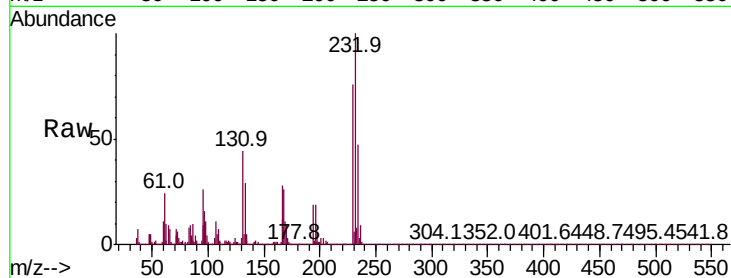




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.068 ng
RT: 13.68 min Scan# 1971
Delta R.T. -0.06 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	232	Resp:	90516
Ion	Ratio	Lower	Upper
232	100		
131	47.7	36.1	54.1
130	3.0	2.5	3.7
166	28.2	22.5	33.7



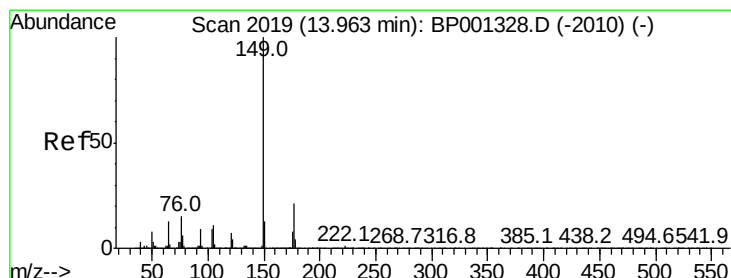
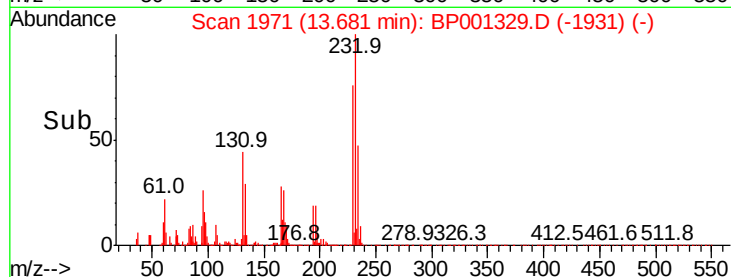
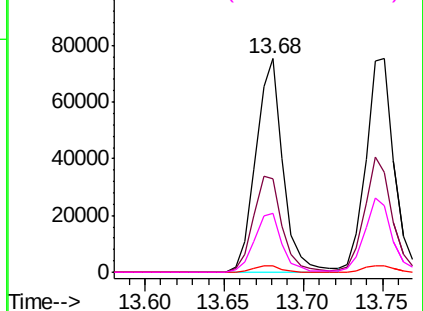
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

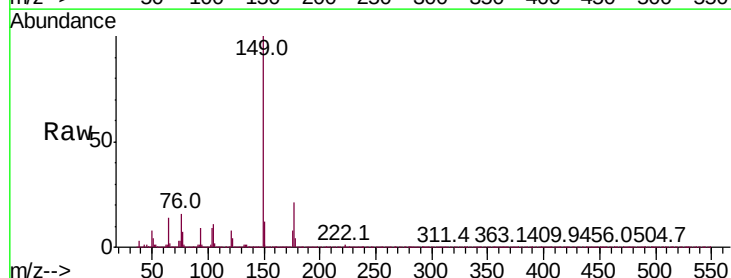
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 57.549 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:	149	Resp:	389681
Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.4	10.2	15.4

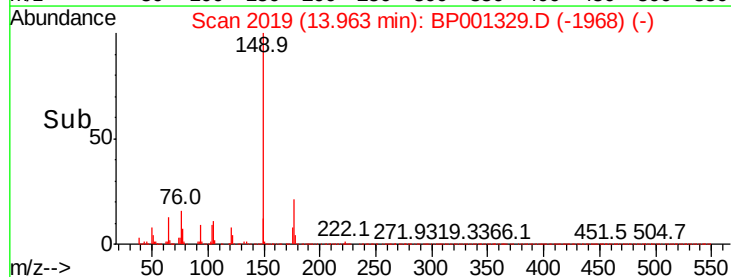
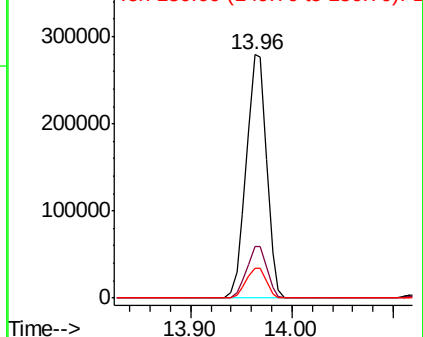


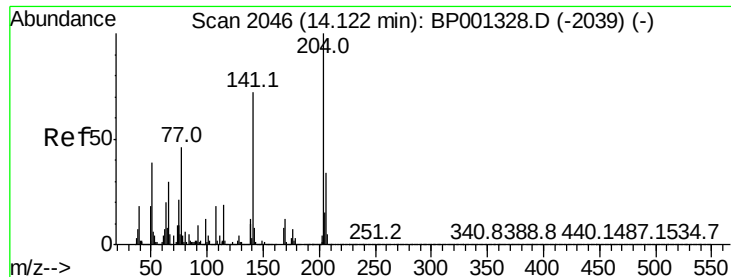
Abundance

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

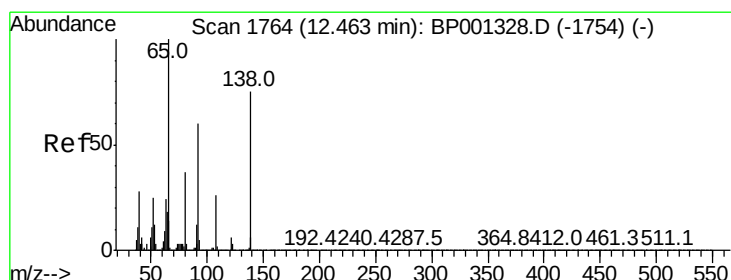
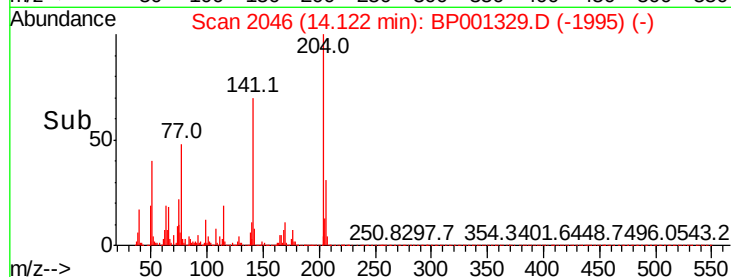
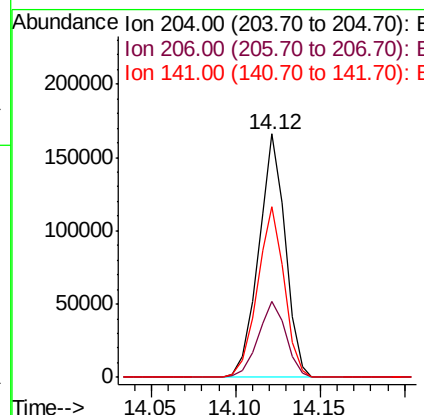
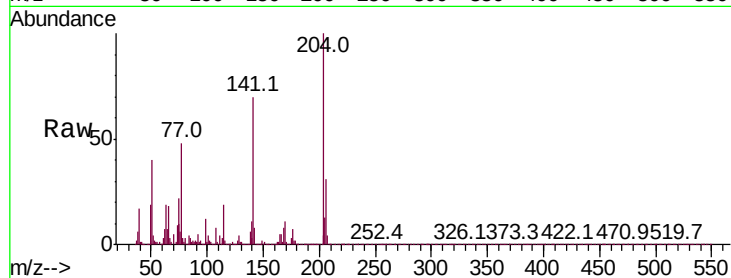




#61
4-Chlorophenyl-phenylether
Concen: 60.868 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

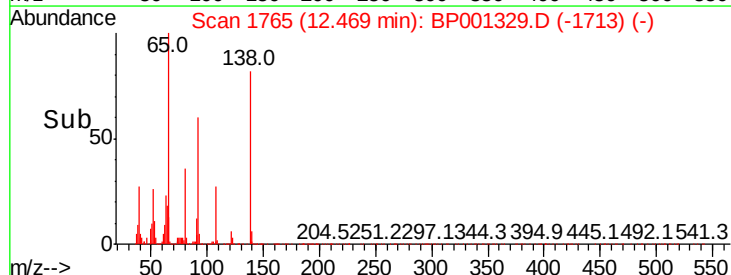
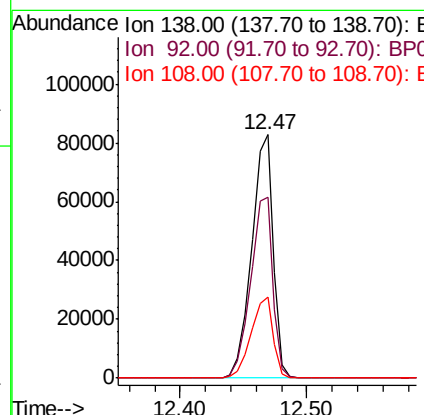
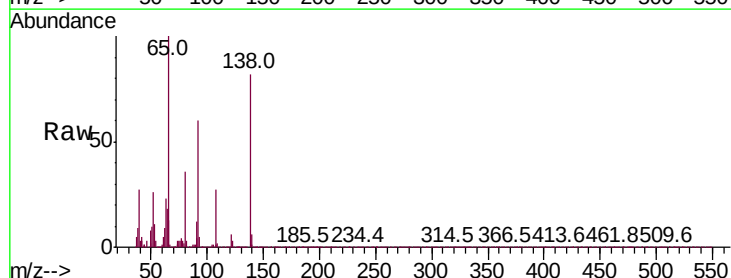
Instrument :
BNA_P
ClientSampleId :

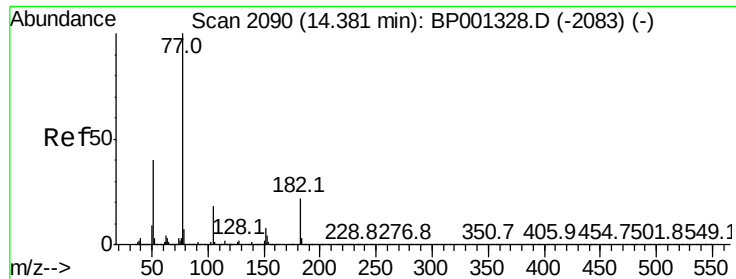
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.3	27.4	41.0
141	69.9	57.3	85.9



#62
4-Nitroaniline
Concen: 53.924 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	74.2	60.3	100.3
108	33.3	14.5	54.5

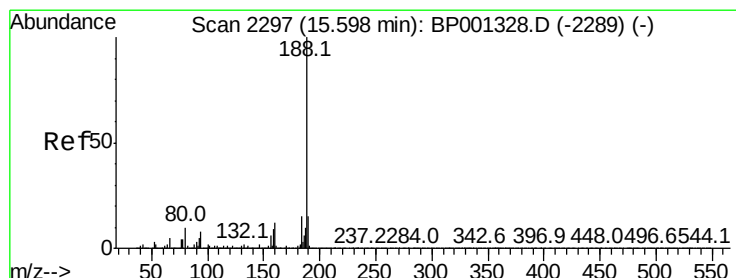
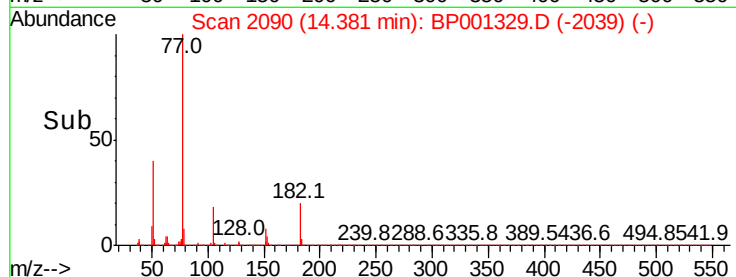
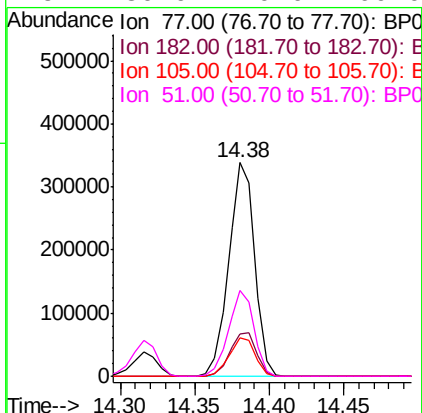
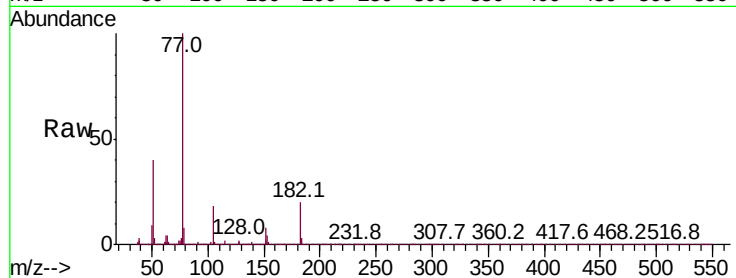




#63
Azobenzene
Concen: 56.251 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

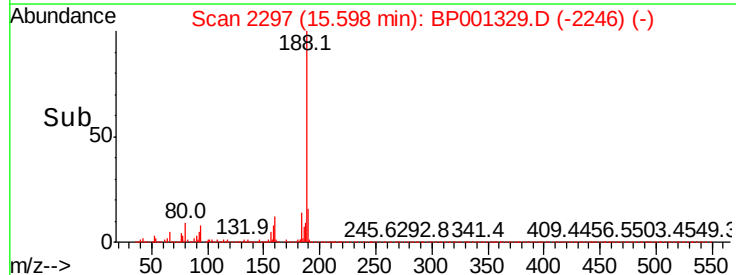
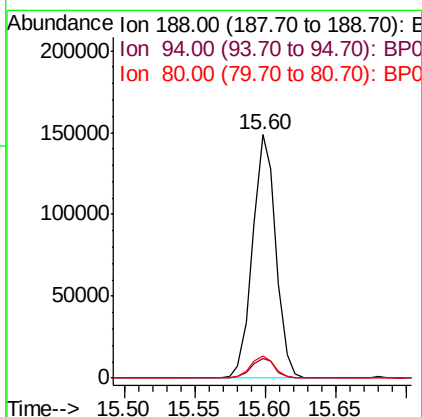
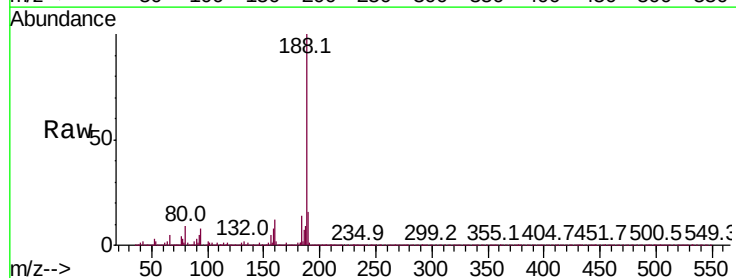
Instrument :
BNA_P
ClientSampled :

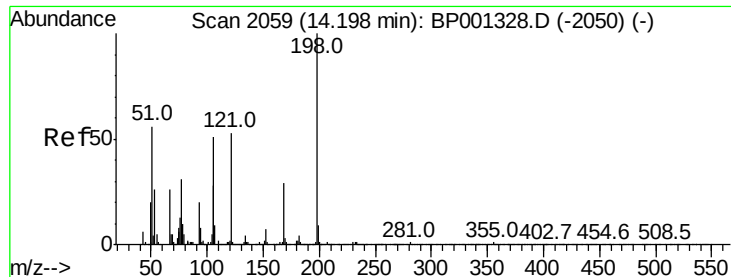
Tot Ion:	77	Resp:	411719
Ion	Ratio	Lower	Upper
77	100		
182	20.1	2.0	42.0
105	17.9	0.0	38.1
51	39.9	20.0	60.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:	188	Resp:	172493
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	9.1	7.8	11.6

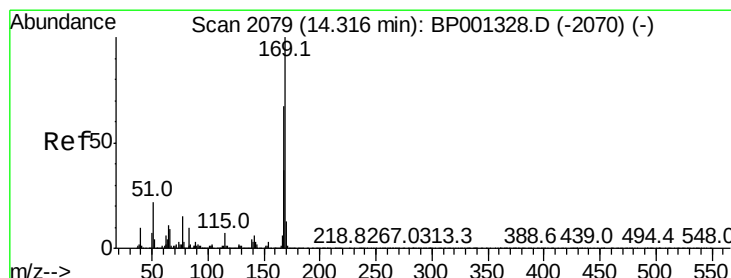
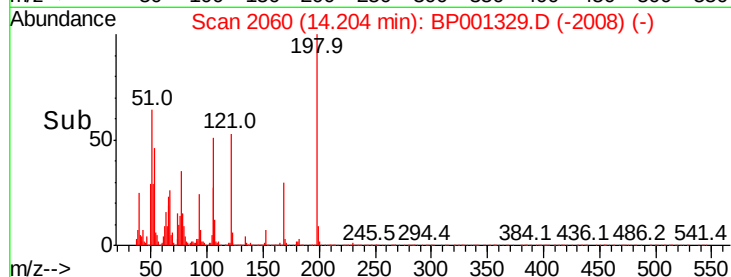
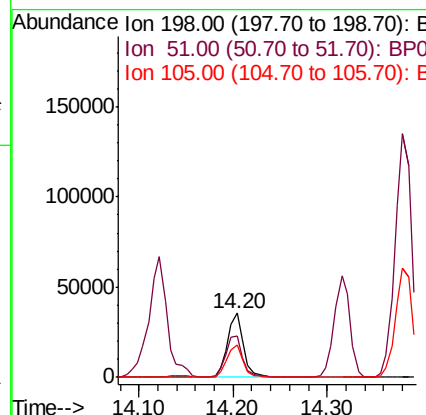
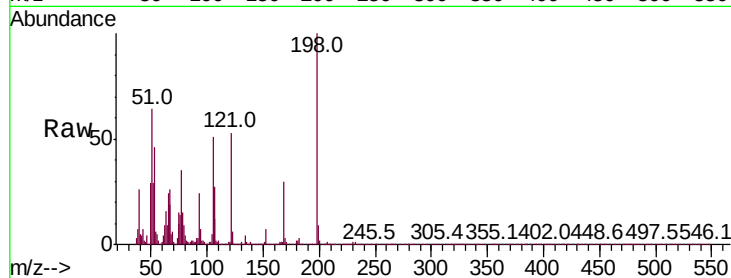




#65
4,6-Dinitro-2-methylphenol
Concen: 61.448 ng
RT: 14.20 min Scan# 2060
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

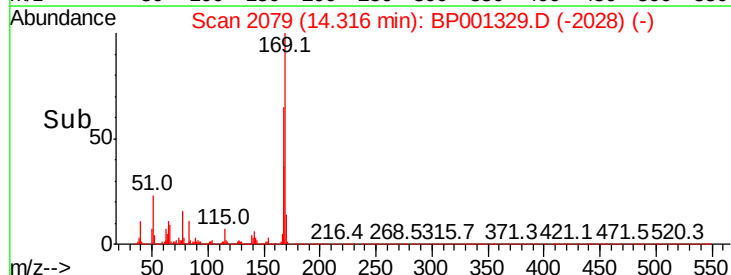
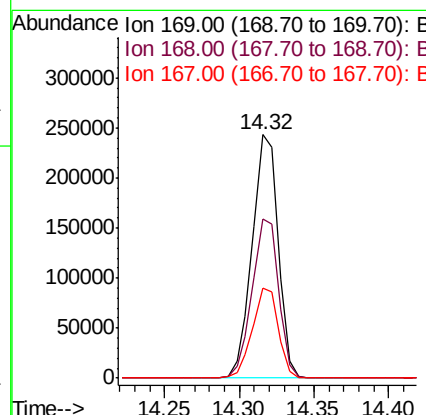
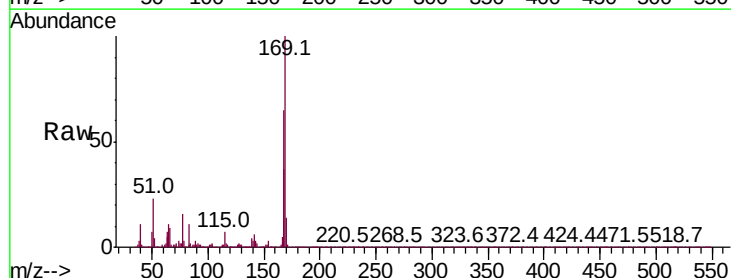
Instrument :
BNA_P
ClientSampleId :

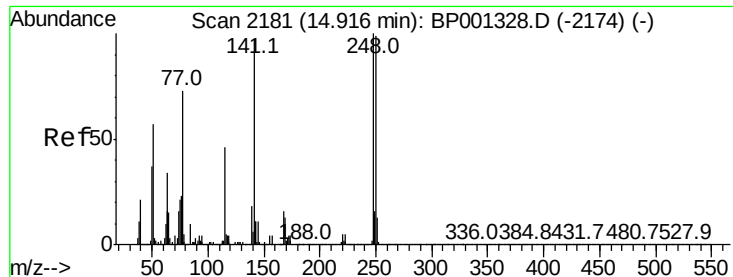
Tot Ion	Ratio	Lower	Upper
198	100		
51	64.1	47.4	87.4
105	51.0	33.1	73.1



#66
n-Nitrosodiphenylamine
Concen: 55.558 ng
RT: 14.32 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.4	80.2
167	36.9	29.4	44.0

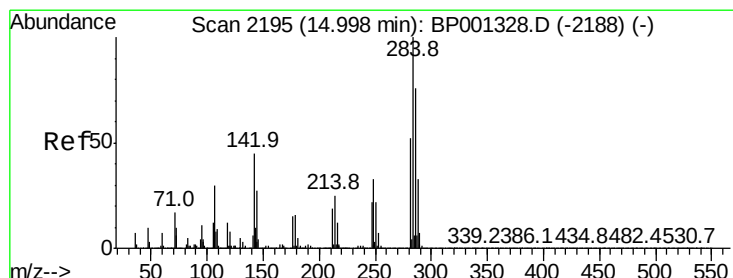
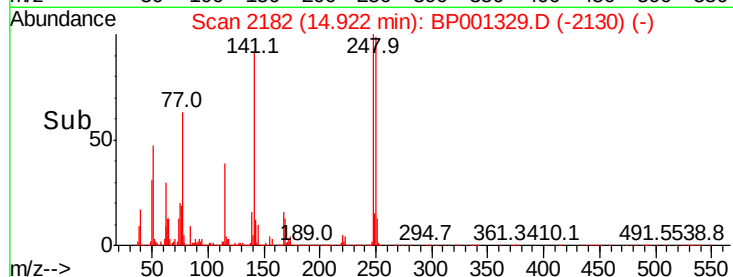
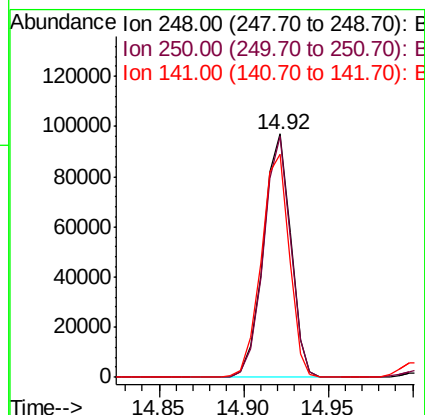
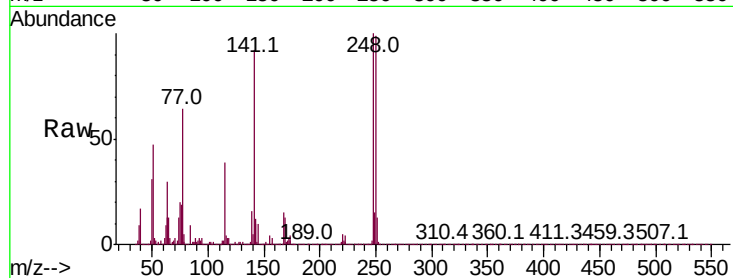




#67
4-Bromophenyl-phenylether
Concen: 58.426 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

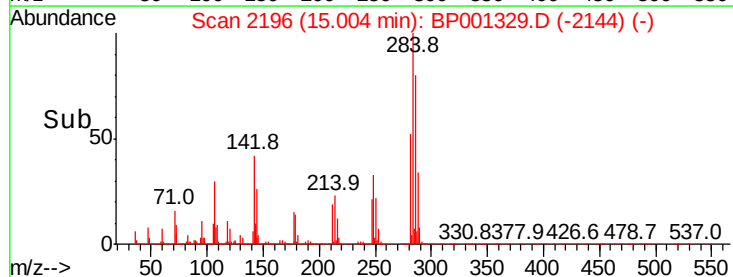
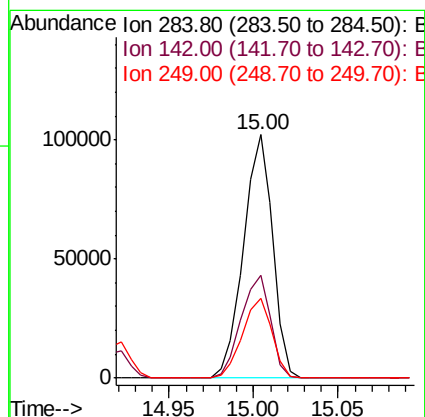
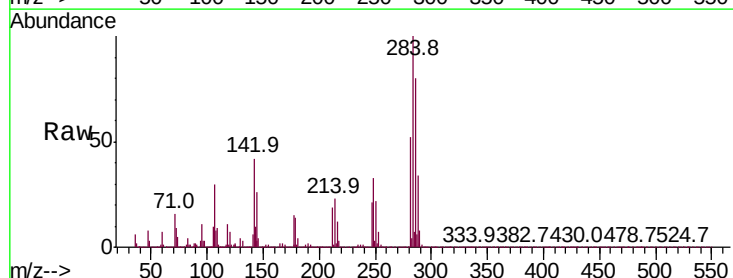
Instrument :
BNA_P
ClientSampleId :

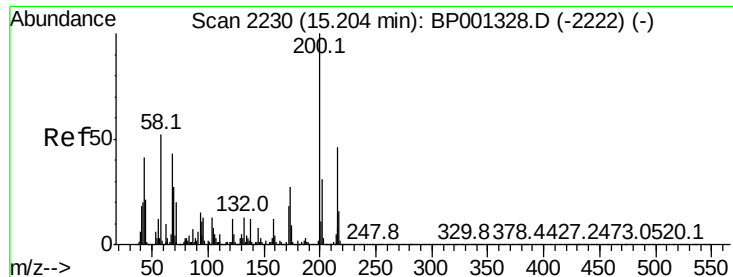
Tot Ion:248 Resp: 109414
Ion Ratio Lower Upper
248 100
250 98.8 79.3 118.9
141 91.6 77.5 116.3



#68
Hexachlorobenzene
Concen: 59.748 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:284 Resp: 123009
Ion Ratio Lower Upper
284 100
142 42.3 36.1 54.1
249 33.0 26.3 39.5

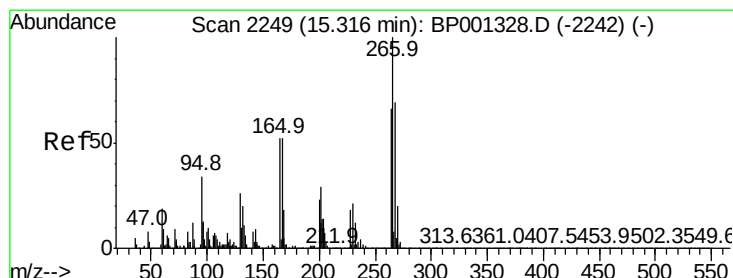
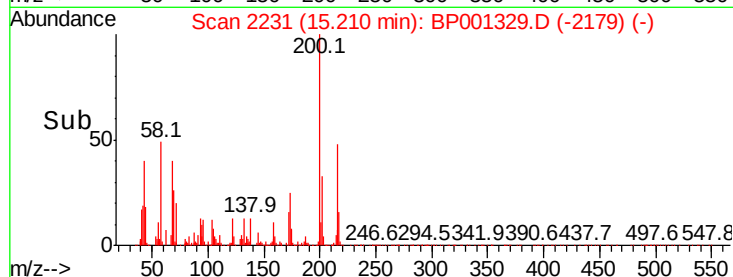
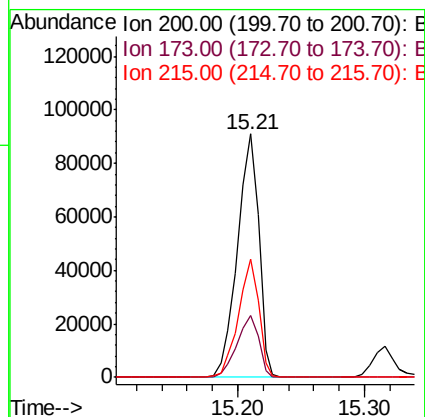
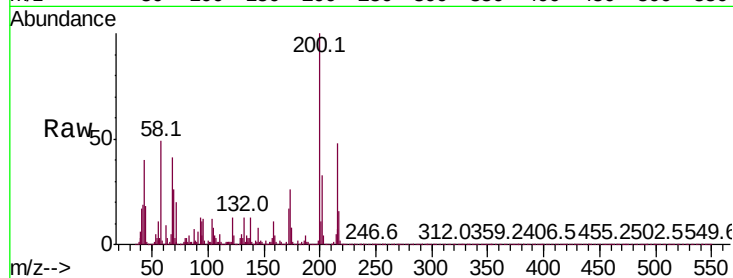




#69
Atrazine
Concen: 65.882 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

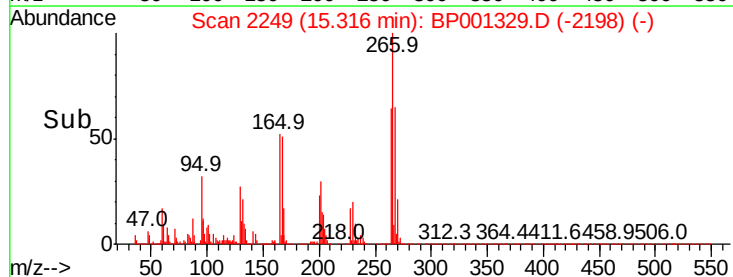
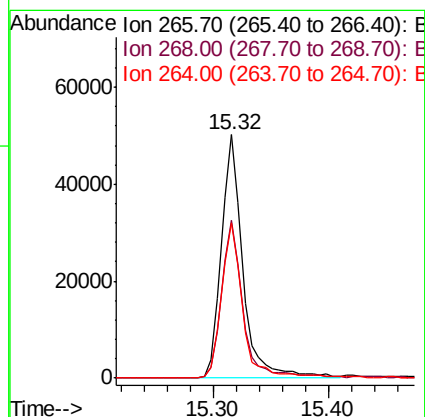
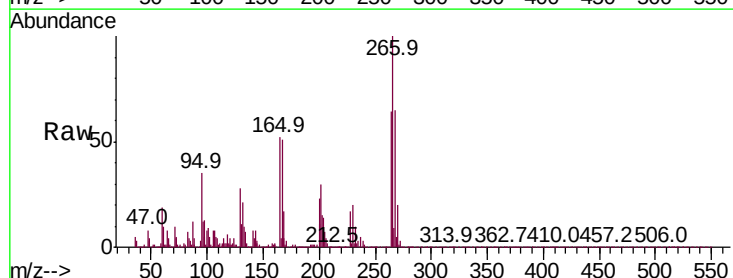
Instrument :
BNA_P
ClientSampleId :

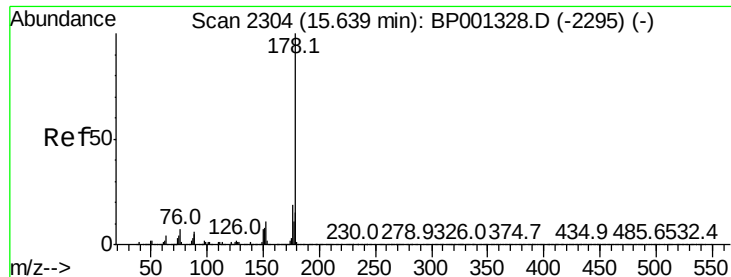
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.8	46.8
215	48.4	26.1	66.1



#70
Pentachlorophenol
Concen: 60.708 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	55.4	83.2
264	64.0	53.2	79.8

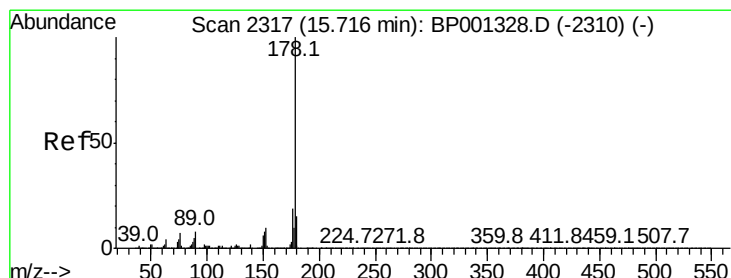
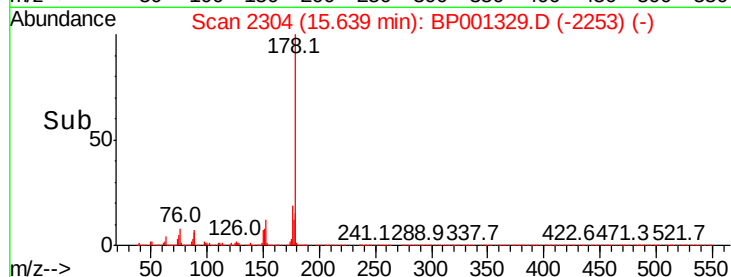
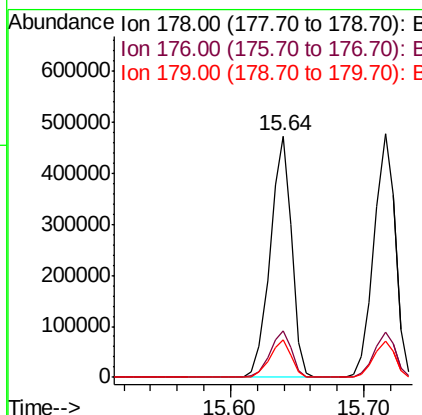
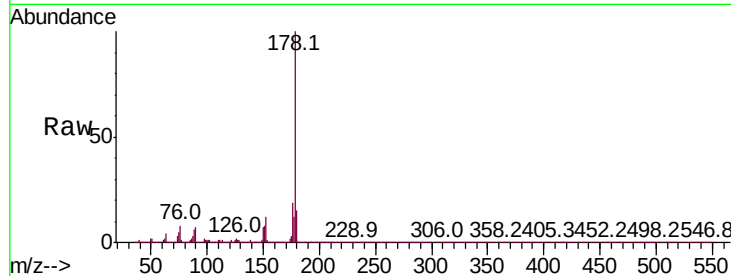




#71
Phenanthrene
Concen: 58.116 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

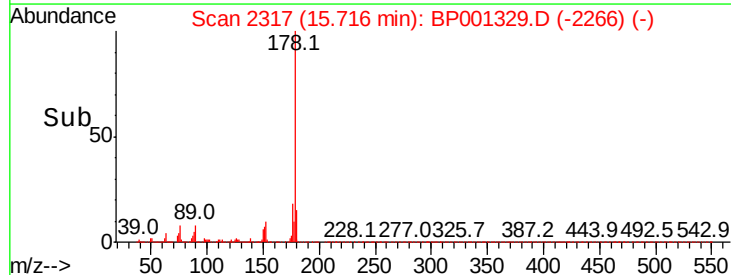
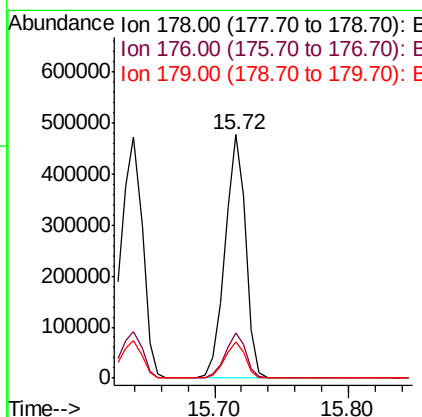
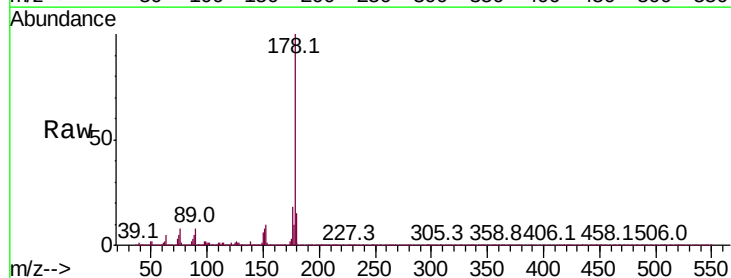
Instrument :
BNA_P
ClientSampleId :

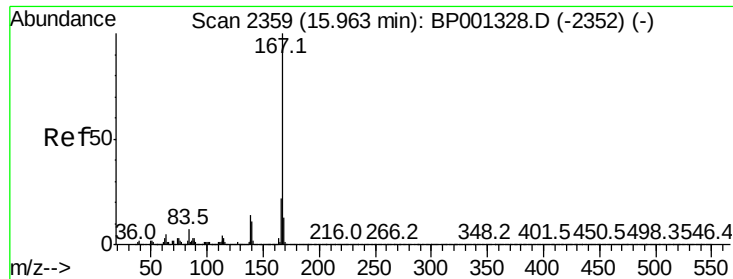
Tot Ion:178 Resp: 527024
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.3 12.0 18.0



#72
Anthracene
Concen: 58.057 ng
RT: 15.72 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion:178 Resp: 518931
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 14.7 11.9 17.9





#73

Carbazole

Concen: 56.963 ng

RT: 15.96 min Scan# 2359

Delta R.T. -0.00 min

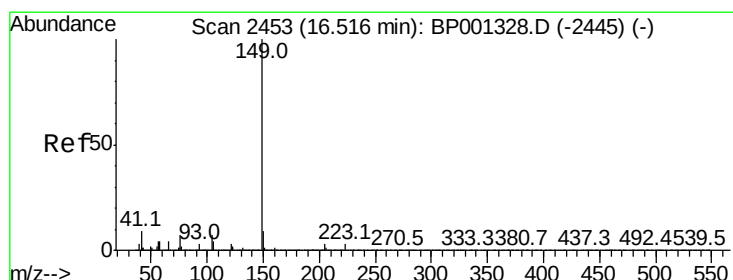
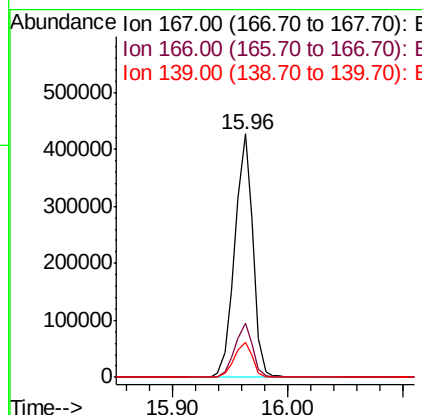
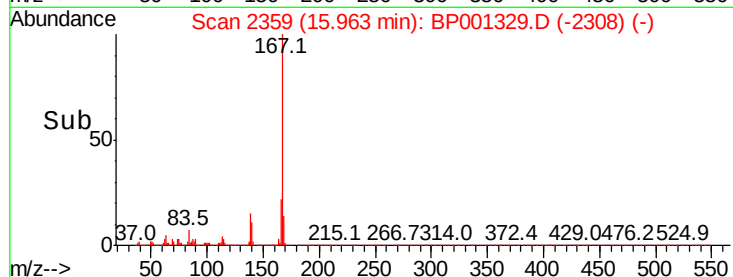
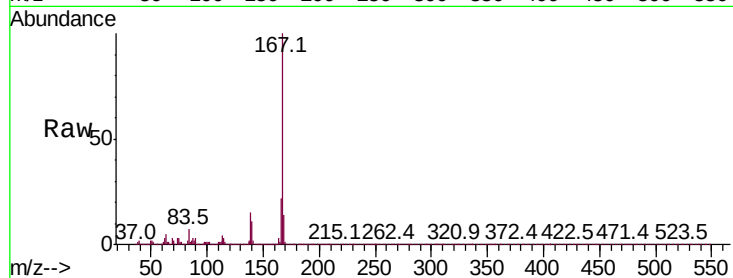
Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :
BNA_P
ClientSampled :

Tot Ion:167 Resp: 463311

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.6	11.1	16.7



#74

Di-n-butylphthalate

Concen: 58.997 ng

RT: 16.52 min Scan# 2453

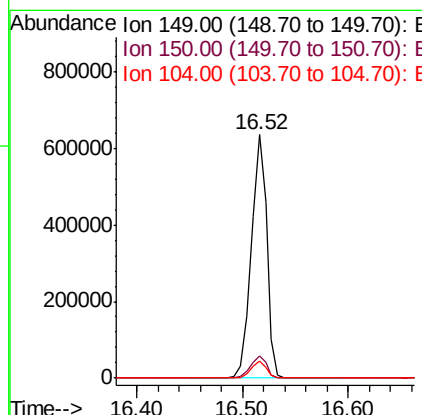
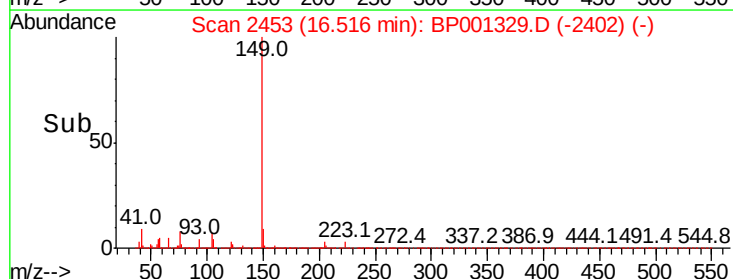
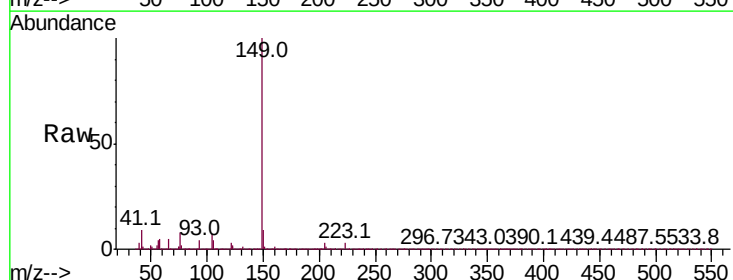
Delta R.T. -0.00 min

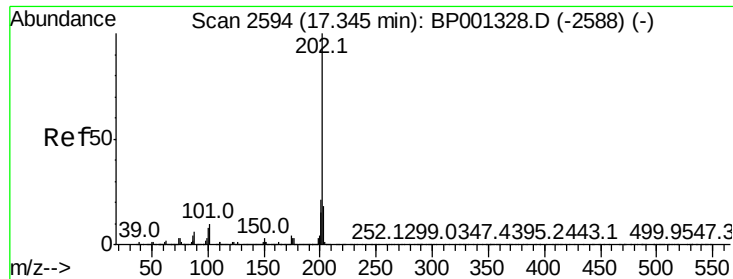
Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion:149 Resp: 645175

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	6.9	5.4	8.2





#75

Fluoranthene

Concen: 61.573 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BP001329.D

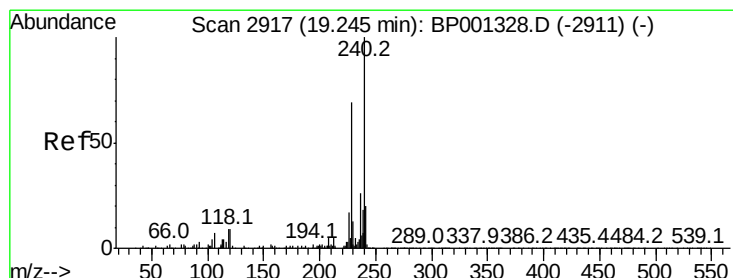
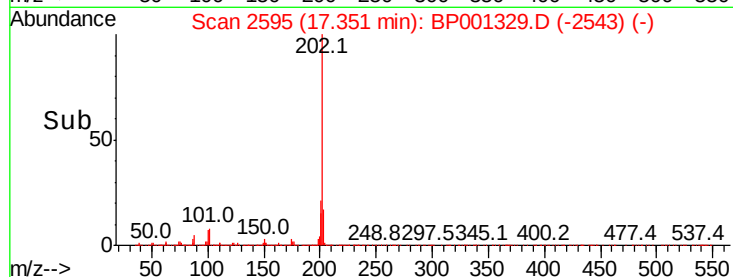
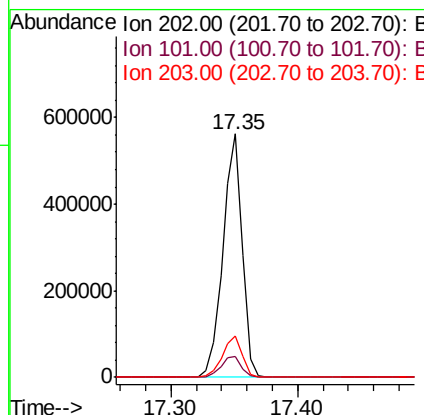
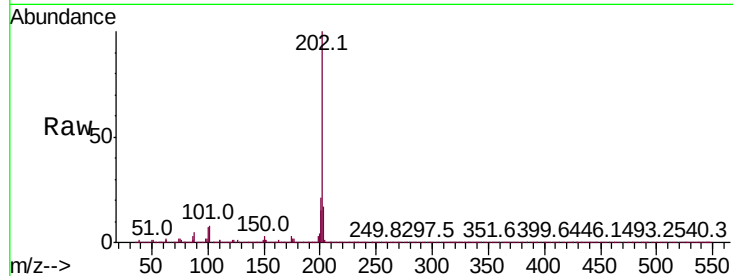
Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	591127
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	29.9
203	17.2	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

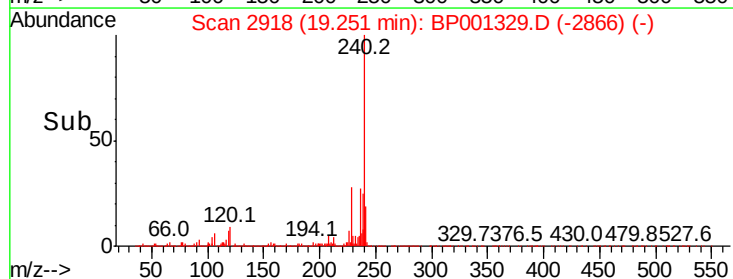
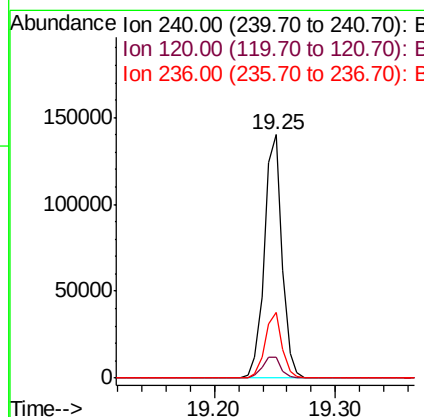
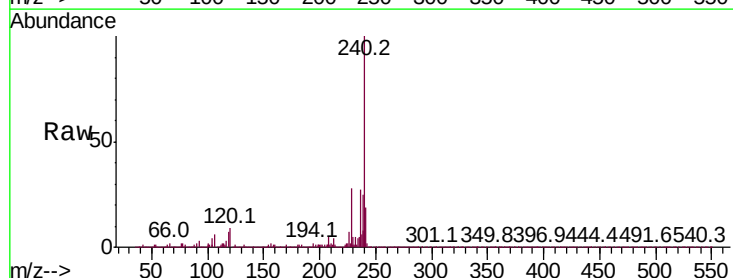
RT: 19.25 min Scan# 2918

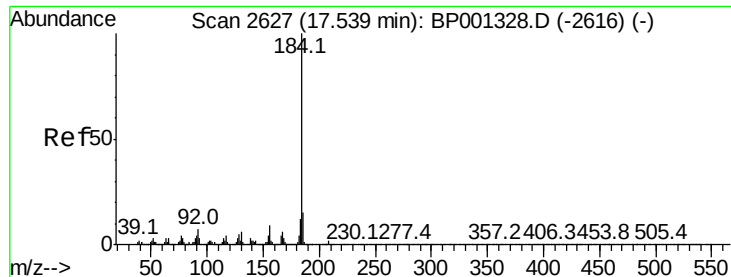
Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion:	240	Resp:	143174
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.6	11.4
236	27.0	21.0	31.4





#77

Benzidine

Concen: 61.492 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

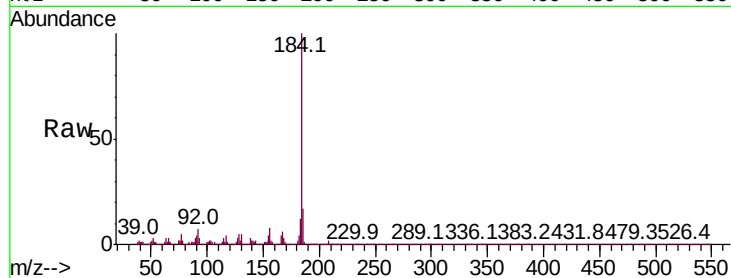
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 227315

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.7	17.5
183	12.0	9.8	14.8

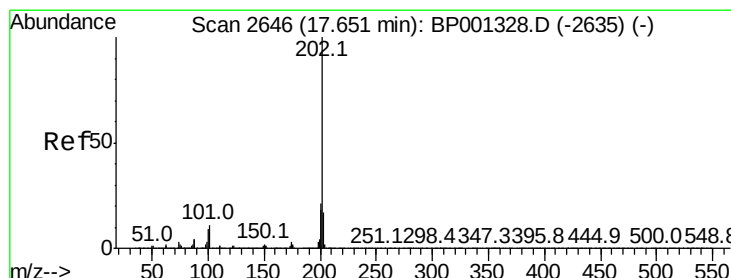
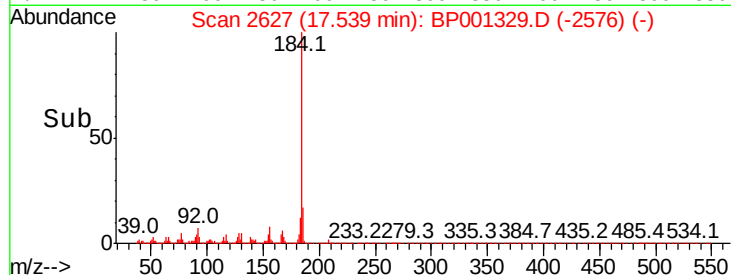
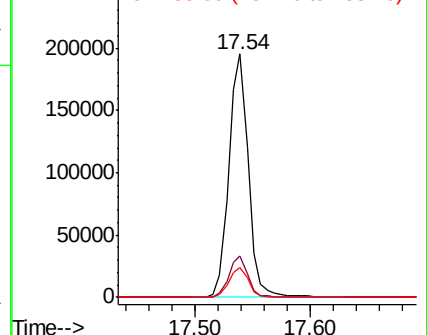


Abundance

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: 53.144 ng

RT: 17.66 min Scan# 2647

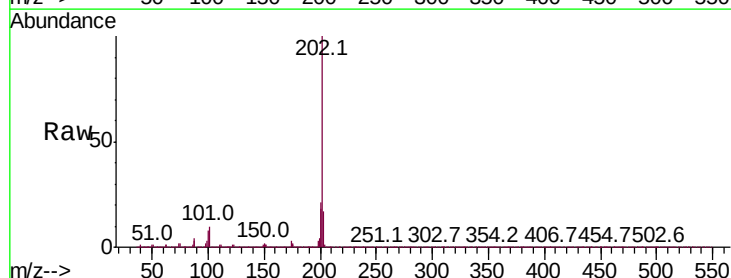
Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion:202 Resp: 599287

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.1	13.8	20.8

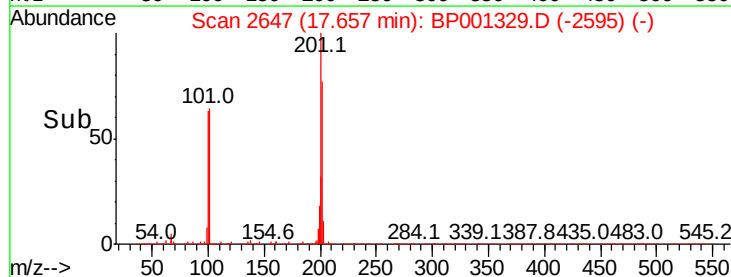
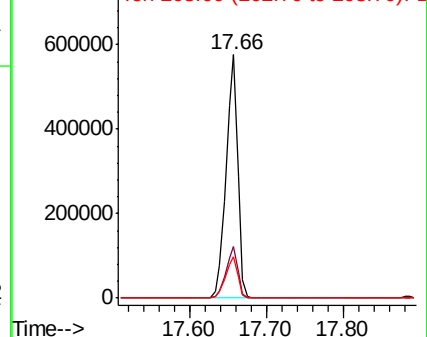


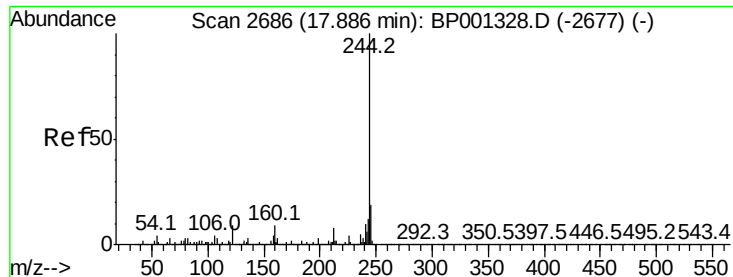
Abundance

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: 116.354 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampleId :

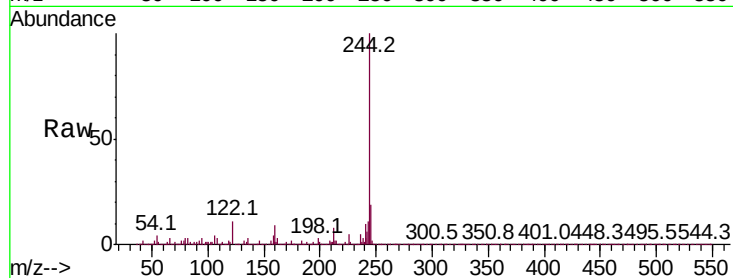
Tot Ion:244 Resp: 900433

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

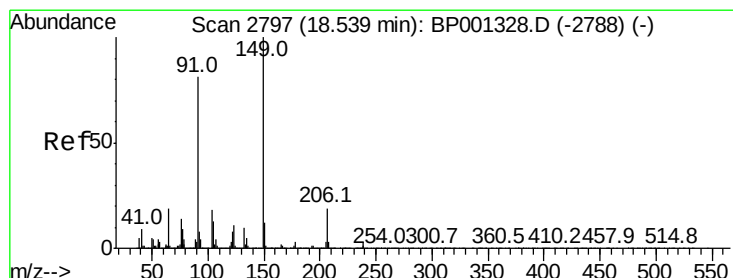
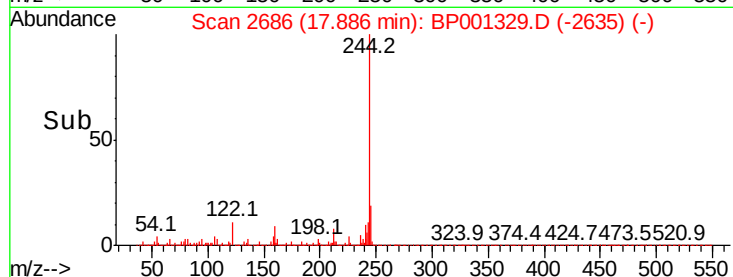
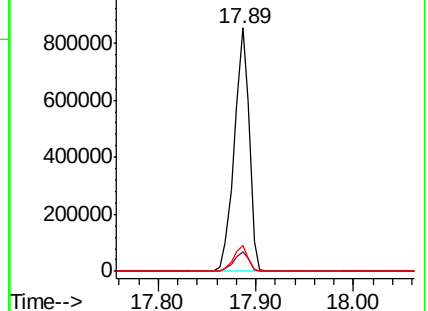
122 10.6 7.6 11.4



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: 53.801 ng

RT: 18.54 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

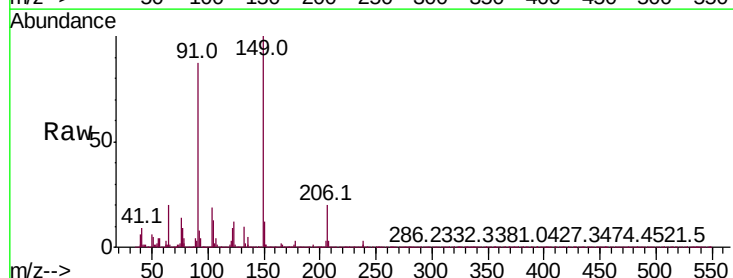
Tgt Ion:149 Resp: 280222

Ion Ratio Lower Upper

149 100

91 87.0 65.2 97.8

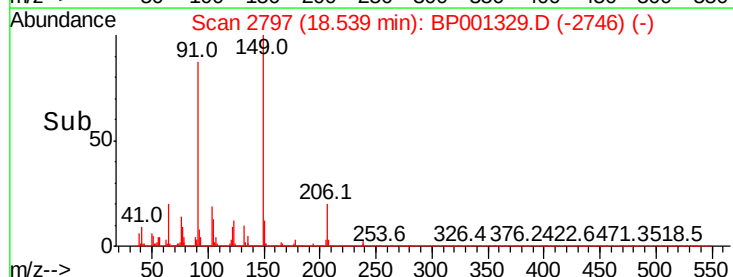
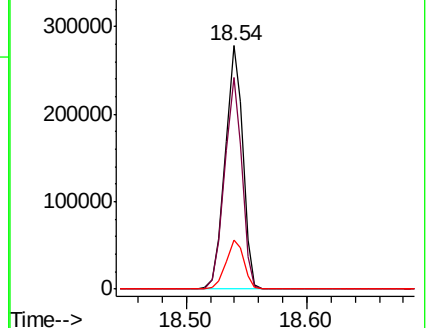
206 20.0 15.6 23.4

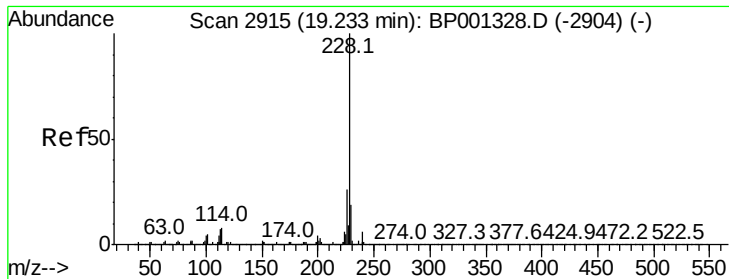


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.028 ng

RT: 19.23 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampleId :

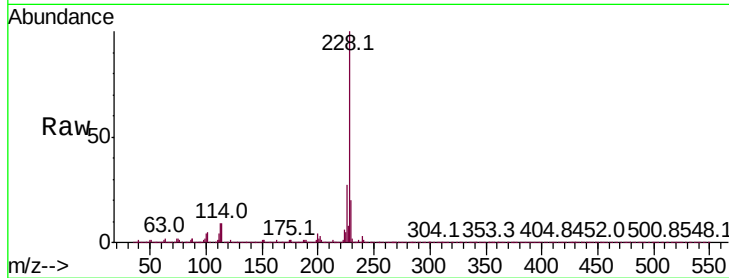
Tot Ion:228 Resp: 556178

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	19.6	15.4	23.0

228 100

226 27.2 21.2 31.8

229 19.6 15.4 23.0

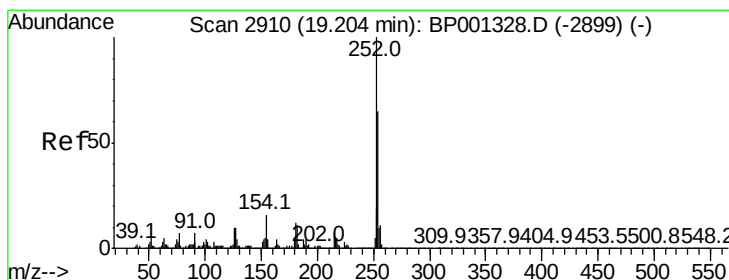
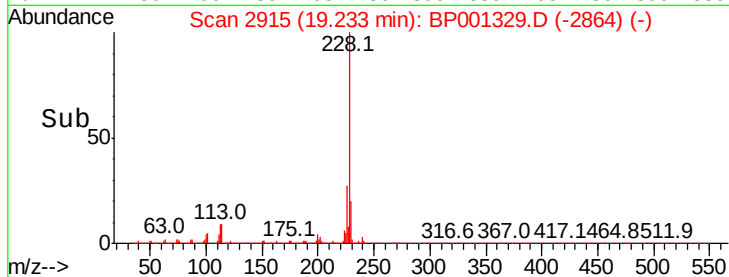
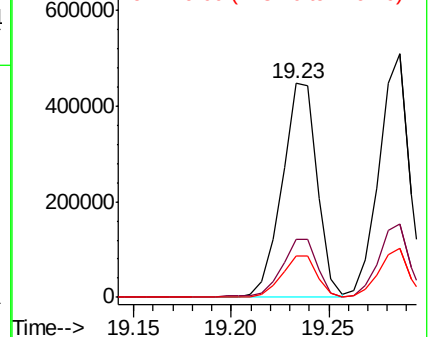


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 60.043 ng

RT: 19.20 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

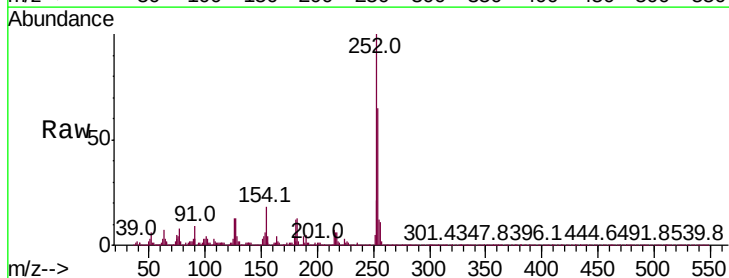
Tgt Ion:252 Resp: 196906

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.8
126	12.7	8.2	12.2

252 100

254 65.1 51.8 77.8

126 12.7 8.2 12.2

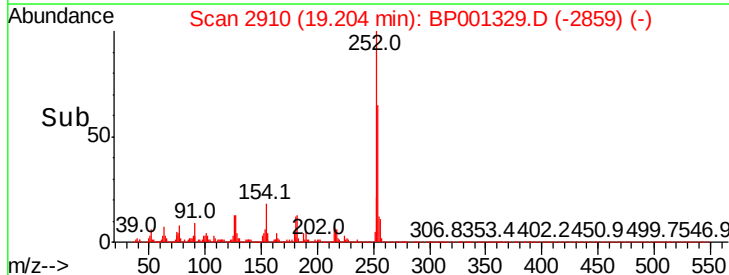
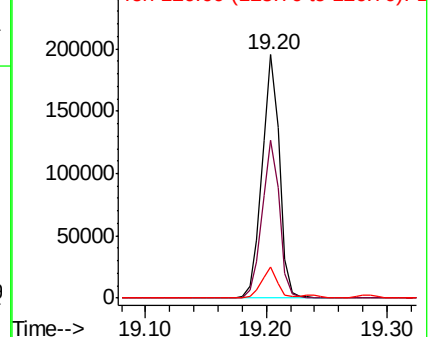


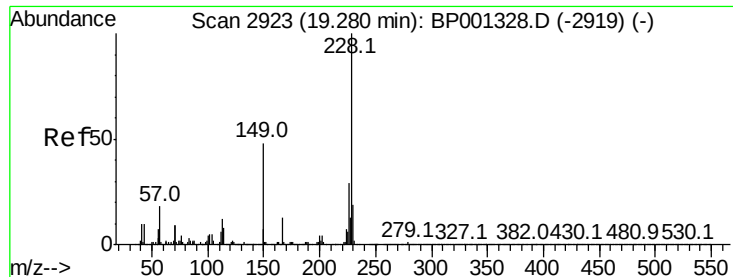
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 60.754 ng

RT: 19.29 min Scan# 2924

Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampleId :

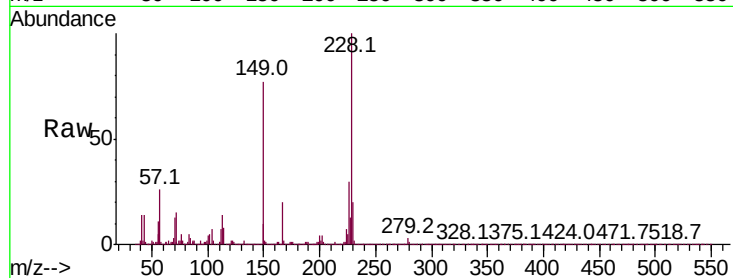
Tot Ion:228 Resp: 540053

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

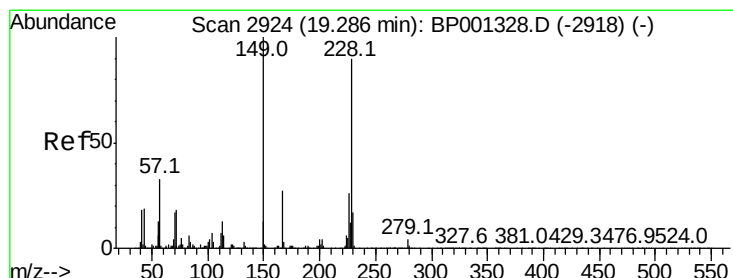
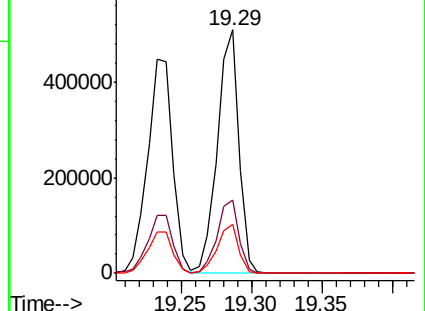
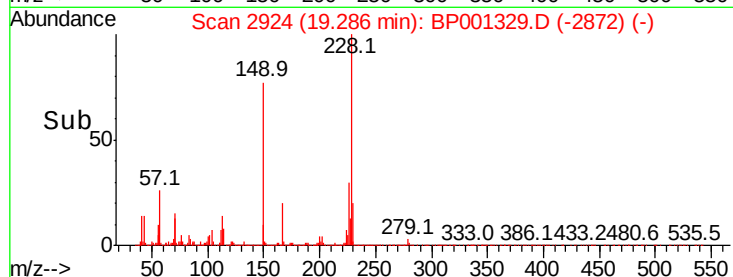
229 20.1 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.607 ng

RT: 19.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

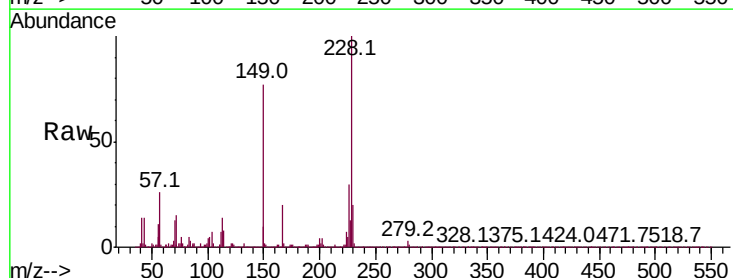
Tgt Ion:149 Resp: 412526

Ion Ratio Lower Upper

149 100

167 26.0 21.8 32.6

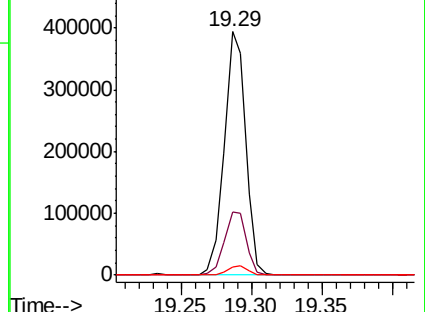
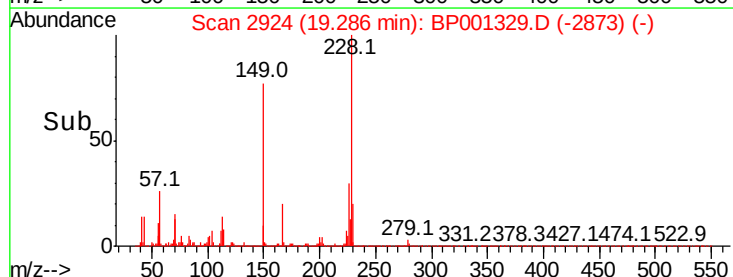
279 3.3 3.0 4.4

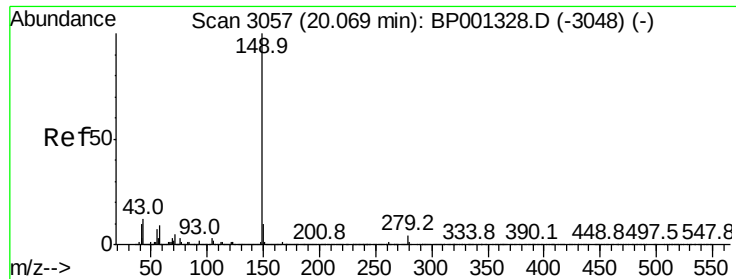


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.575 ng

RT: 20.07 min Scan# 3057

Delta R.T. -0.00 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :

BNA_P

ClientSampleId :

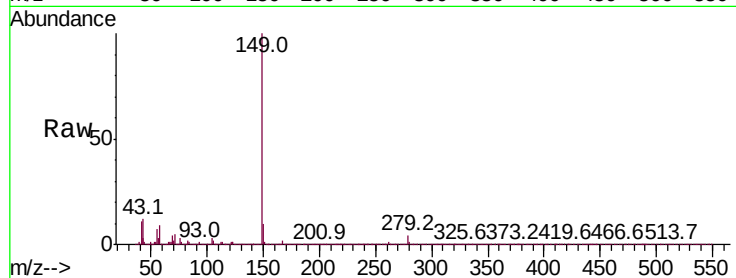
Tot Ion:149 Resp: 681530

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

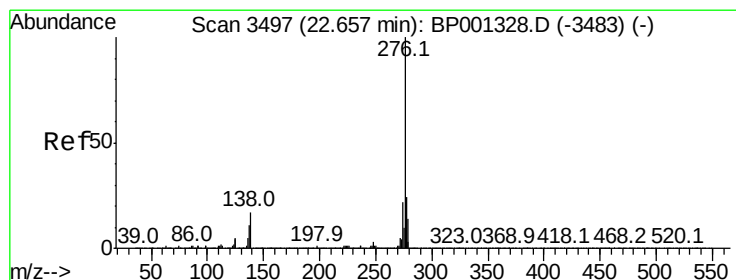
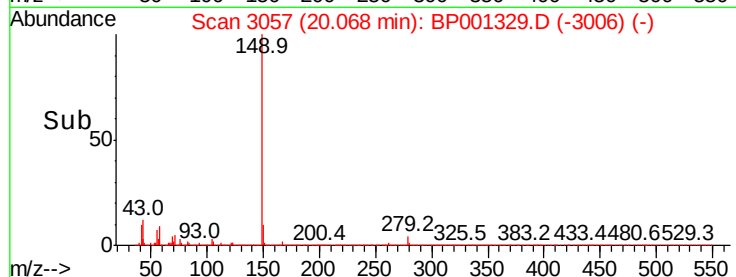
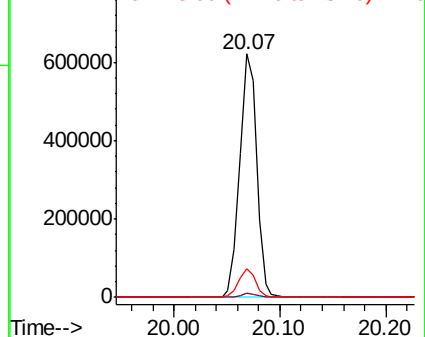
43 11.7 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.591 ng

RT: 22.67 min Scan# 3499

Delta R.T. 0.01 min

Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

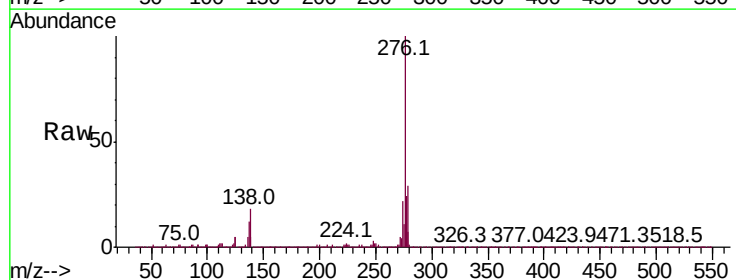
Tgt Ion:276 Resp: 582371

Ion Ratio Lower Upper

276 100

138 19.8 15.8 23.6

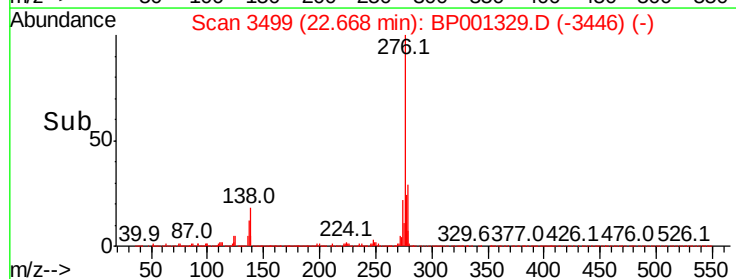
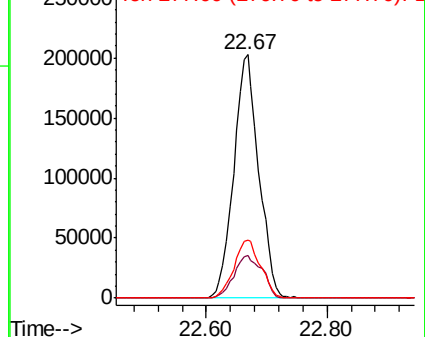
277 25.3 20.2 30.4

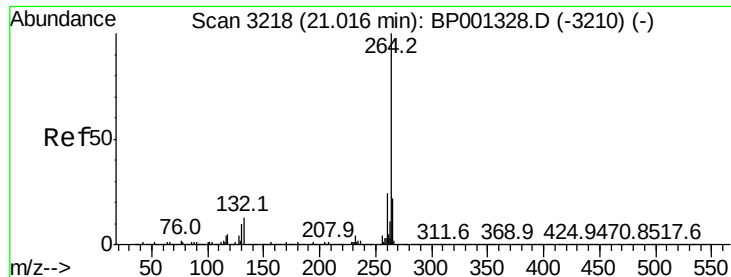


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

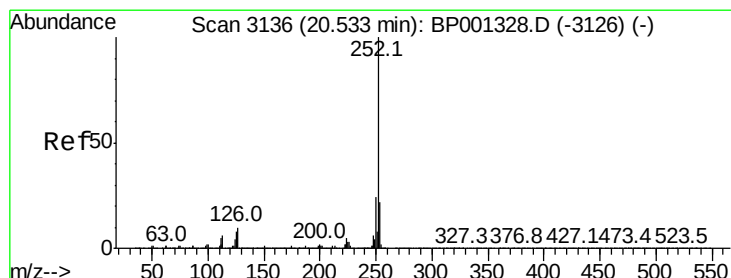
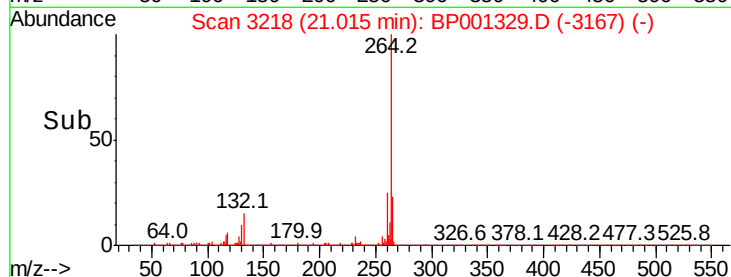
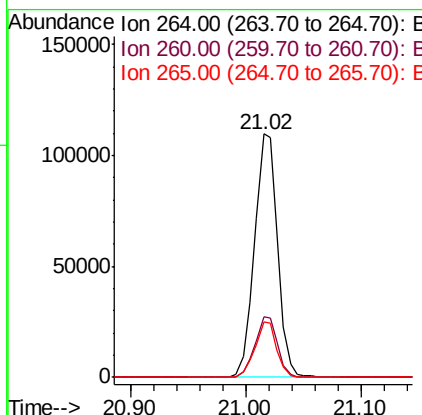
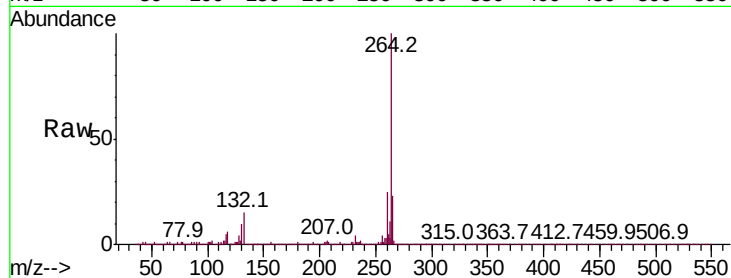




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

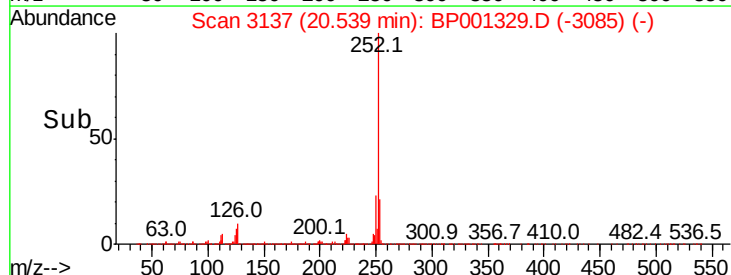
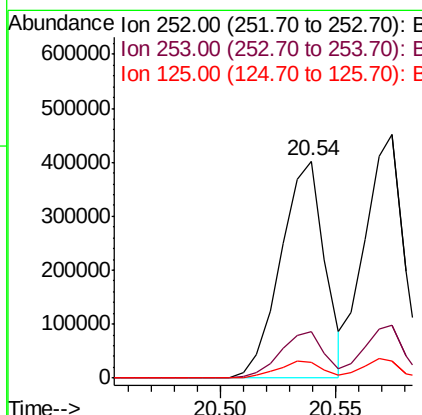
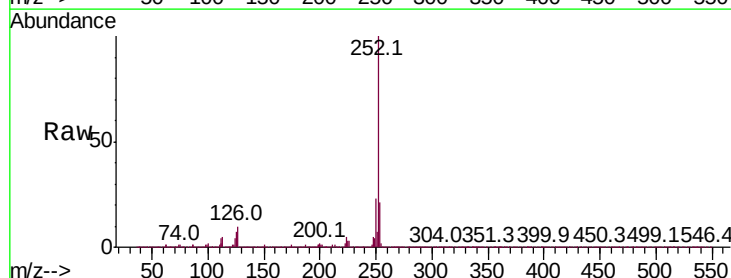
Instrument :
BNA_P
ClientSampled :

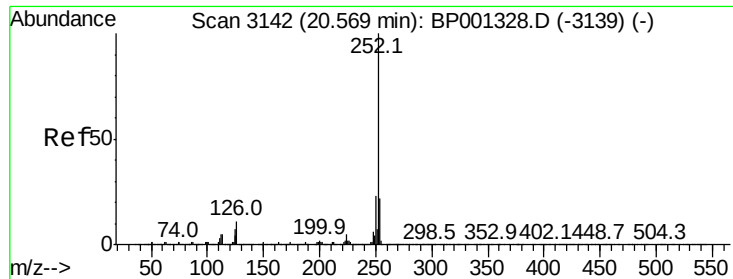
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	23.0	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 56.978 ng
RT: 20.54 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BP001329.D
Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	7.1	6.3	9.5





#89

Benzo(k)fluoranthene

Concen: 58.403 ng

RT: 20.57 min Scan# 3143

Delta R.T. 0.01 min

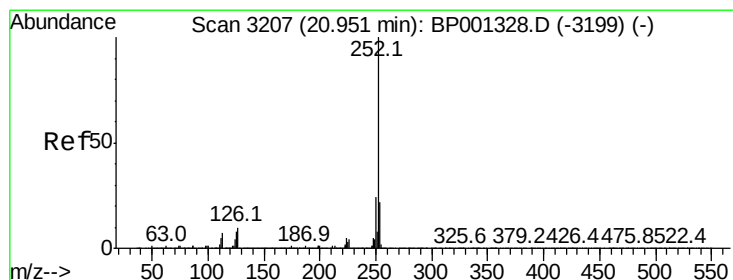
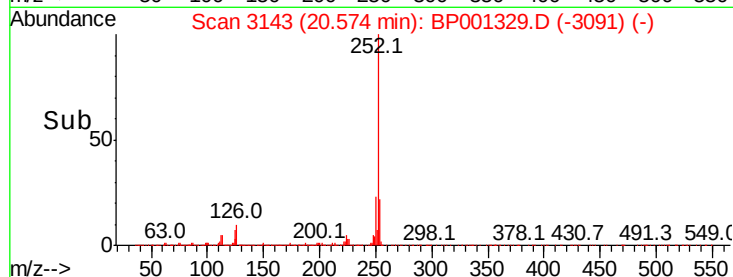
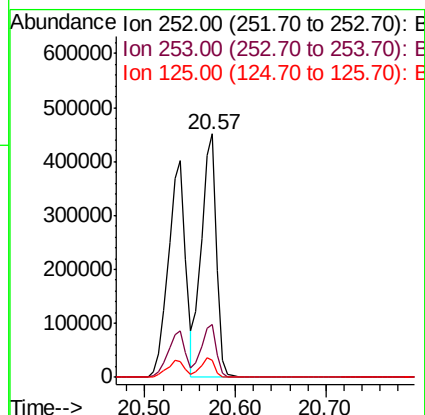
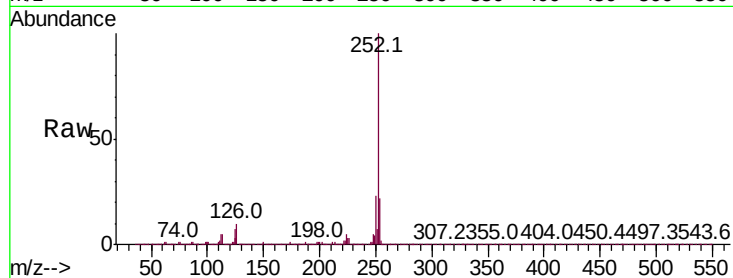
Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion:252 Resp: 524297

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	7.0	5.9	8.9



#90

Benzo(a)pyrene

Concen: 56.939 ng

RT: 20.95 min Scan# 3207

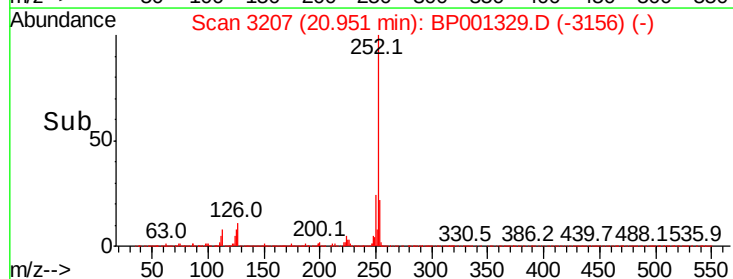
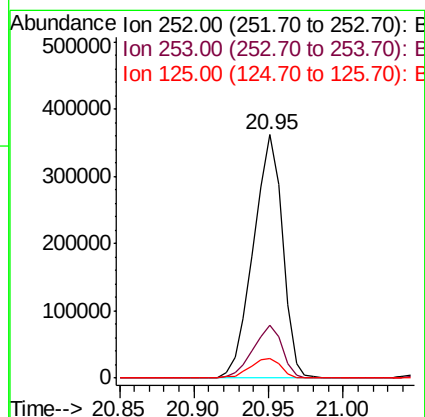
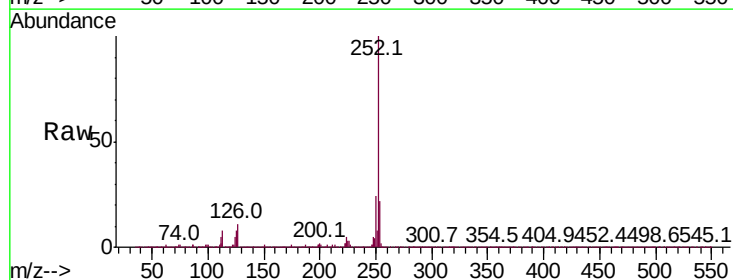
Delta R.T. -0.00 min

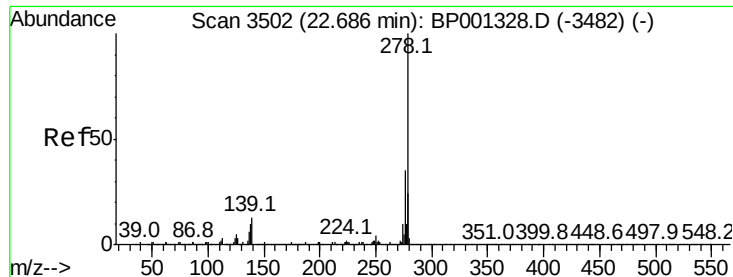
Lab File: BP001329.D

Acq: 19 Dec 2019 17:50

Tgt Ion:252 Resp: 488841

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.2	6.3	9.5

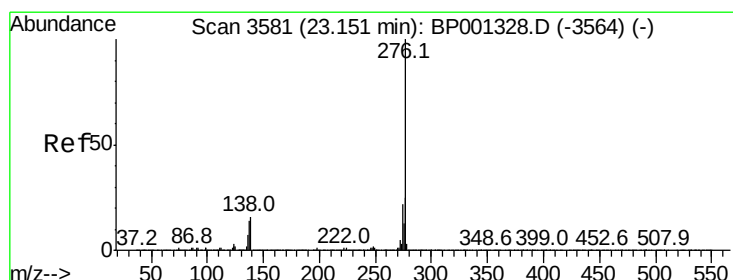
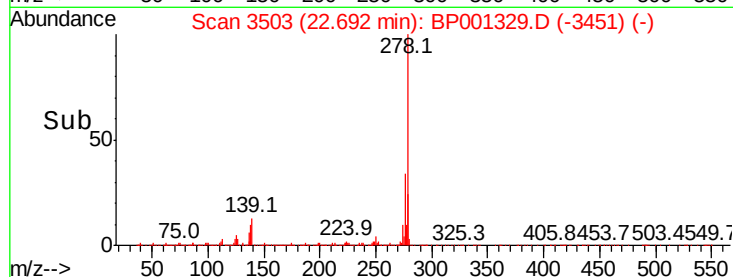
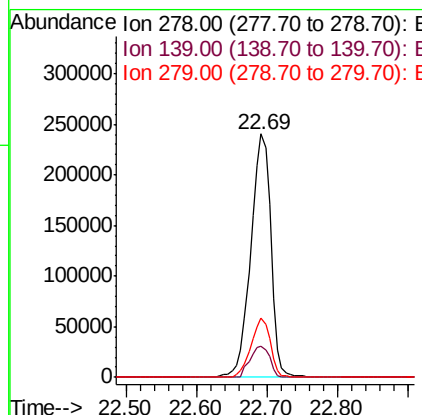
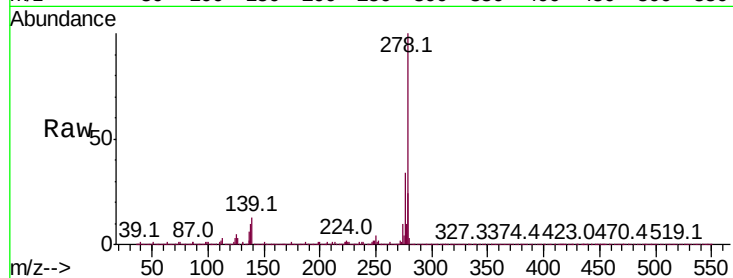




#91
 Dibenzo(a,h)anthracene
 Concen: 56.939 ng
 RT: 22.69 min Scan# 3503
 Delta R.T. 0.01 min
 Lab File: BP001329.D
 Acq: 19 Dec 2019 17:50

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.3	15.5
279	24.2	19.6	29.4



#92
 Benzo(g,h,i)perylene
 Concen: 55.161 ng
 RT: 23.16 min Scan# 3582
 Delta R.T. 0.01 min
 Lab File: BP001329.D
 Acq: 19 Dec 2019 17:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.6	29.4
138	17.3	12.6	18.8

