

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001424.D
 Acq On : 26 Dec 2019 16:26
 Operator : JU
 Sample : K6396-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:52:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	38269	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	140435	20.00	ng	0.00
39) Acenaphthene-d10	13.19	164	83505	20.00	ng	0.00
64) Phenanthrene-d10	15.59	188	157386	20.00	ng	0.00
76) Chrysene-d12	19.23	240	115420	20.00	ng	0.00
87) Perylene-d12	21.00	264	113337	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	298405	126.02	ng	0.02
7) Phenol-d6	7.77	99	415164	134.37	ng	0.02
23) Nitrobenzene-d5	9.17	82	269119	73.59	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	130785	125.27	ng	0.01
45) 2-Fluorobiphenyl	12.10	172	533234	80.75	ng	0.00
79) Terphenyl-d14	17.87	244	576720	85.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	34331	35.231	ng	96
3) Pyridine	3.43	79	90911	34.151	ng	98
4) n-Nitrosodimethylamine	3.35	42	78759	46.725	ng	98
6) Aniline	7.77	93	170454	43.825	ng	# 75
8) 2-Chlorophenol	7.96	128	124215	52.180	ng	95
9) Benzaldehyde	7.59	77	86258	39.797	ng	97
10) Phenol	7.79	94	187296	53.054	ng	# 75
11) bis(2-Chloroethyl)ether	7.90	93	115631	46.298	ng	96
12) 1,3-Dichlorobenzene	8.19	146	137135	46.250	ng	98
13) 1,4-Dichlorobenzene	8.32	146	145649	48.214	ng	98
14) 1,2-Dichlorobenzene	8.55	146	139349	48.420	ng	97
15) Benzyl Alcohol	8.53	79	137855	47.550	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	153056	38.695	ng	79
17) 2-Methylphenol	8.73	107	108356	51.511	ng	95
18) Hexachloroethane	9.09	117	54983	42.785	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	99074	45.169	ng	99
20) 3+4-Methylphenols	8.98	107	141798	50.798	ng	99
22) Acetophenone	8.94	105	194131	43.714	ng	# 97
24) Nitrobenzene	9.20	77	156284	43.420	ng	99
25) Isophorone	9.60	82	266714	45.357	ng	100
26) 2-Nitrophenol	9.72	139	65917	51.358	ng	97
27) 2,4-Dimethylphenol	9.82	122	111366	58.995	ng	98
28) bis(2-Chloroethoxy)methane	9.97	93	148328	42.234	ng	98
29) 2,4-Dichlorophenol	10.12	162	117067	50.084	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	132678	46.147	ng	95
31) Naphthalene	10.36	128	367088	47.886	ng	99
32) Benzoic acid	10.07	122	85133	54.965	ng	94
33) 4-Chloroaniline	10.46	127	101881	32.497	ng	97
34) Hexachlorobutadiene	10.58	225	86303	43.036	ng	94
35) Caprolactam	11.06	113	20378	29.299	ng	98
36) 4-Chloro-3-methylphenol	11.29	107	130950	47.941	ng	98
37) 2-Methylnaphthalene	11.49	142	261856	49.479	ng	98
38) 1-Methylnaphthalene	11.65	142	246056	49.453	ng	97
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	146377	47.408	ng	# 98

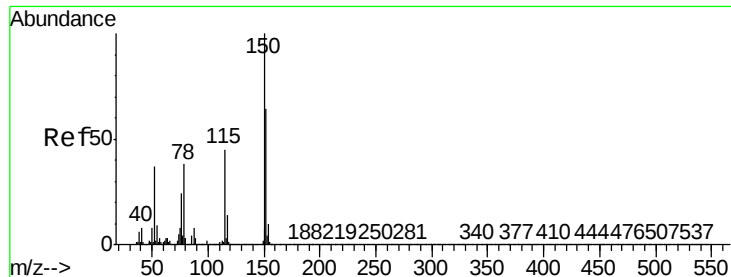
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
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 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	143391	93.897	ng	99
43) 2,4,6-Trichlorophenol	11.96	196	92568	48.749	ng	97
44) 2,4,5-Trichlorophenol	12.03	196	99374	50.935	ng	97
46) 1,1'-Biphenyl	12.26	154	332545	47.588	ng	100
47) 2-Chloronaphthalene	12.28	162	264702	46.857	ng	100
48) 2-Nitroaniline	12.46	65	96010	42.443	ng	98
49) Acenaphthylene	12.96	152	407570	49.354	ng	99
50) Dimethylphthalate	12.79	163	335263	48.939	ng	99
51) 2,6-Dinitrotoluene	12.87	165	66699	47.949	ng	91
52) Acenaphthene	13.25	154	236303	47.493	ng	98
53) 3-Nitroaniline	13.13	138	46722	31.293	ng	98
54) 2,4-Dinitrophenol	13.32	184	55517	103.357	ng	96
55) Dibenzofuran	13.53	168	384435	49.313	ng	99
56) 4-Nitrophenol	13.46	139	87670	82.118	ng	92
57) 2,4-Dinitrotoluene	13.53	165	92144	47.659	ng	# 93
58) Fluorene	14.09	166	298626	47.893	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	77239	46.112	ng	93
60) Diethylphthalate	13.95	149	302993	42.881	ng	98
61) 4-Chlorophenyl-phenylether	14.10	204	156004	47.595	ng	96
62) 4-Nitroaniline	12.46	138	79522	45.994	ng	93
63) Azobenzene	14.37	77	323659	43.510	ng	97
65) 4,6-Dinitro-2-methylphenol	14.20	198	41336	58.643	ng	98
66) n-Nitrosodiphenylamine	14.30	169	256441	51.396	ng	99
67) 4-Bromophenyl-phenylether	14.90	248	90667	48.725	ng	91
68) Hexachlorobenzene	14.99	284	102709	48.485	ng	97
69) Atrazine	15.20	200	86389	48.201	ng	97
70) Pentachlorophenol	15.31	266	97446	89.701	ng	95
71) Phenanthrene	15.63	178	435203	48.467	ng	99
72) Anthracene	15.70	178	444598	50.017	ng	99
73) Carbazole	15.95	167	373008	47.067	ng	99
74) Di-n-butylphthalate	16.50	149	458475	42.157	ng	99
75) Fluoranthene	17.33	202	463488	46.162	ng	100
77) Benzidine	17.53	184	208579	62.068	ng	99
78) Pyrene	17.64	202	459738	51.301	ng	100
80) Butylbenzylphthalate	18.52	149	181983	43.558	ng	93
81) Benzo(a)anthracene	19.22	228	407489	48.450	ng	99
82) 3,3'-Dichlorobenzidine	19.19	252	139546	47.782	ng	98
83) Chrysene	19.27	228	391342	48.207	ng	99
84) Bis(2-ethylhexyl)phthalate	19.27	149	266218	43.423	ng	98
85) Di-n-octyl phthalate	20.05	149	415272	40.868	ng	97
86) Indeno(1,2,3-cd)pyrene	22.64	276	393906	44.928	ng	# 95
88) Benzo(b)fluoranthene	20.52	252	358986	48.230	ng	99
89) Benzo(k)fluoranthene	20.56	252	367148	51.782	ng	99
90) Benzo(a)pyrene	20.93	252	330416	48.730	ng	99
91) Dibenzo(a,h)anthracene	22.66	278	338777	51.101	ng	# 95
92) Benzo(g,h,i)perylene	23.13	276	323938	51.135	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

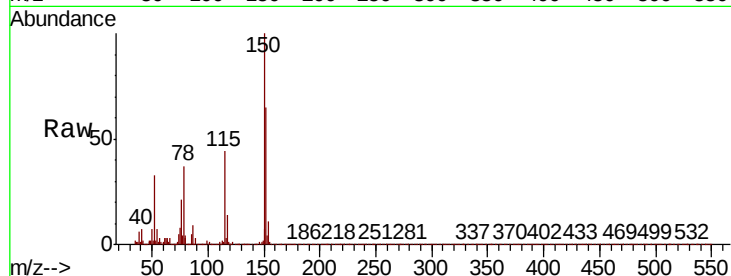
Tot Ion:152 Resp: 38269

Ion Ratio Lower Upper

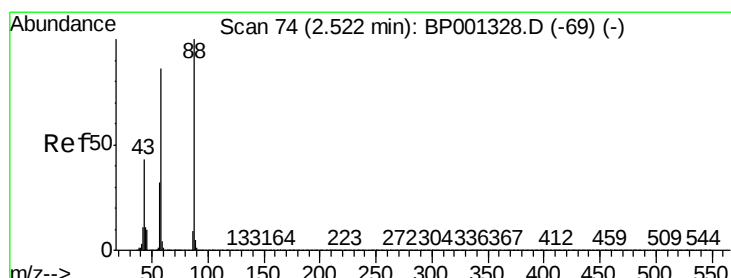
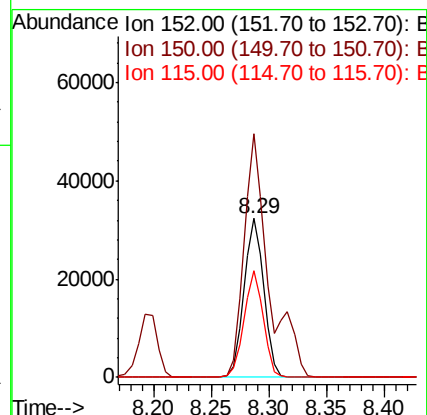
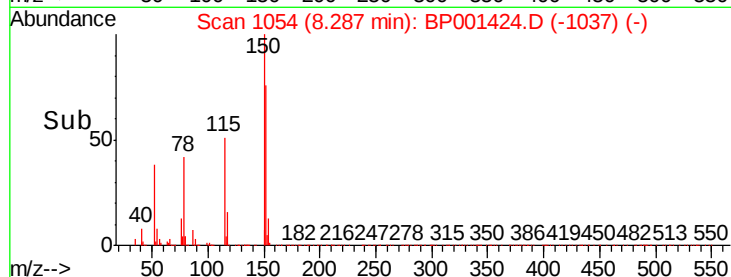
152 100

150 153.2 127.0 190.6

115 67.3 56.1 84.1



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: 35.231 ng

RT: 2.59 min Scan# 86

Delta R.T. 0.08 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

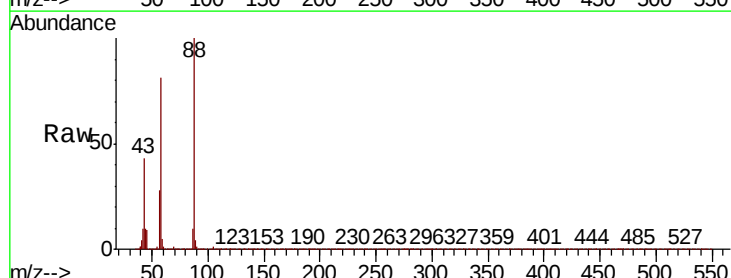
Tgt Ion: 88 Resp: 34331

Ion Ratio Lower Upper

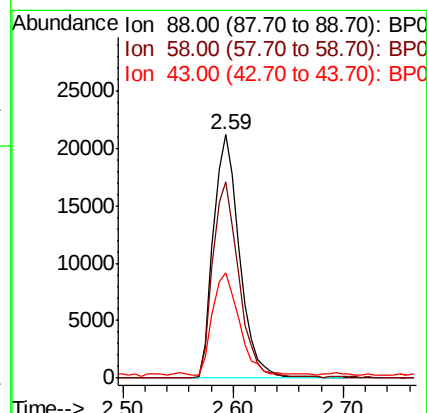
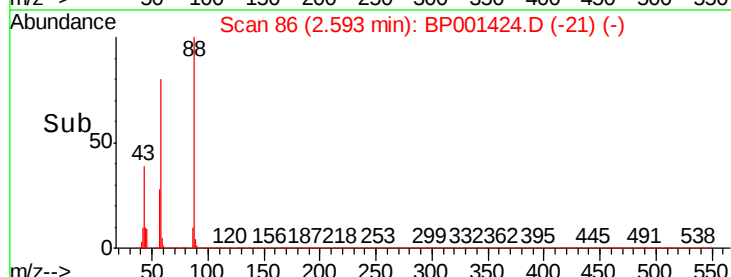
88 100

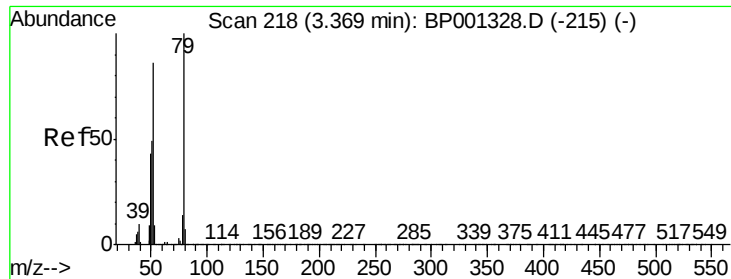
58 79.7 66.9 100.3

43 42.6 32.9 49.3



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: 34.151 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.08 min

Lab File: BP001424.D

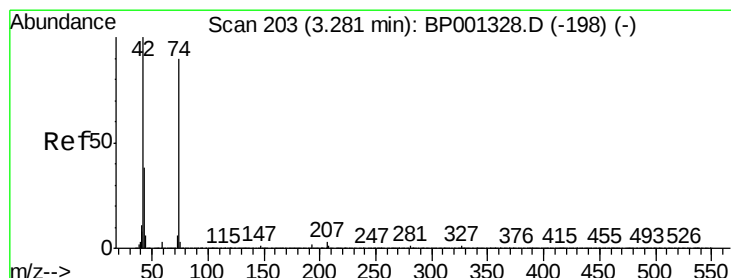
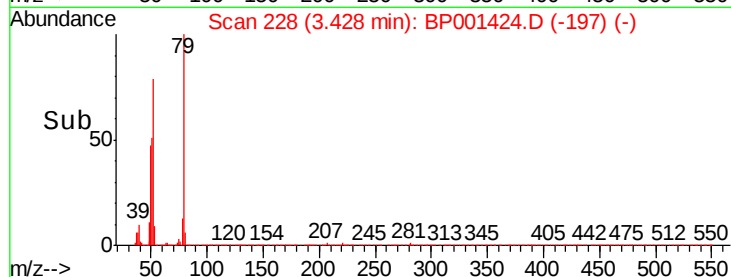
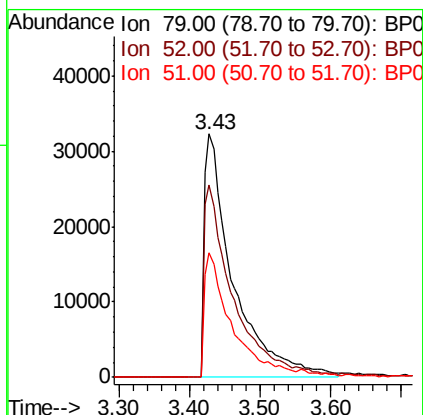
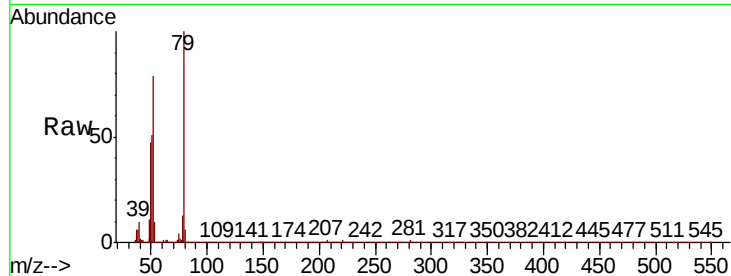
Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	79	Resp:	90911
Ion	Ratio	Lower	Upper
79	100		
52	78.9	64.6	96.8
51	51.0	40.2	60.2



#4

n-Nitrosodimethylamine

Concen: 46.725 ng

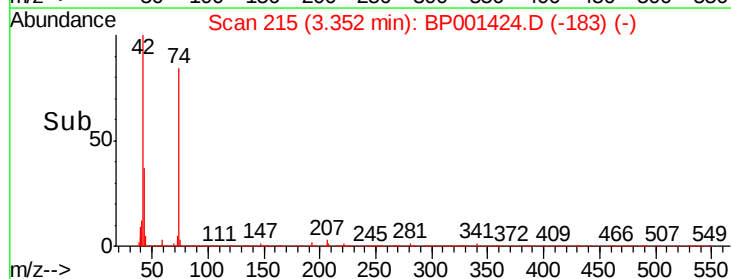
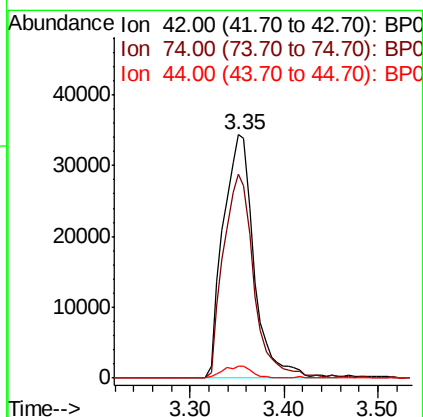
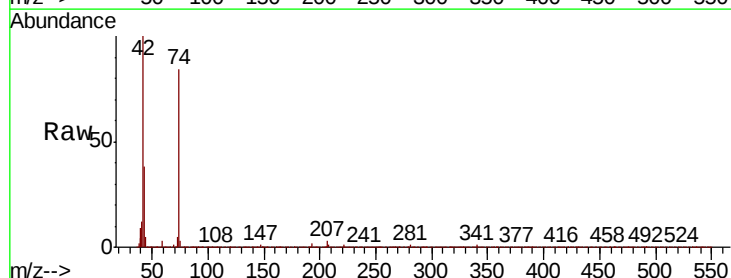
RT: 3.35 min Scan# 215

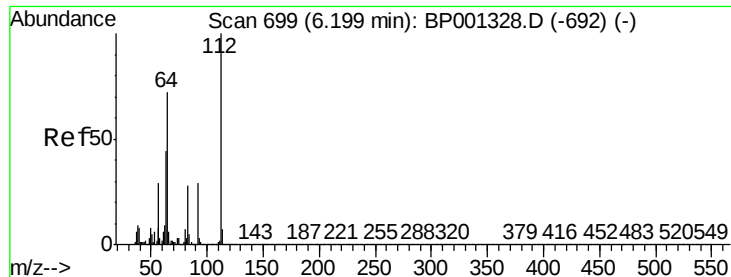
Delta R.T. 0.09 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	42	Resp:	78759
Ion	Ratio	Lower	Upper
42	100		
74	83.9	65.3	97.9
44	4.9	3.8	5.6





#5

2-Fluorophenol

Concen: 126.024 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BP001424.D

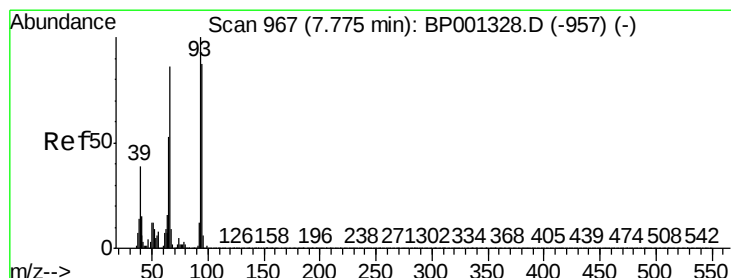
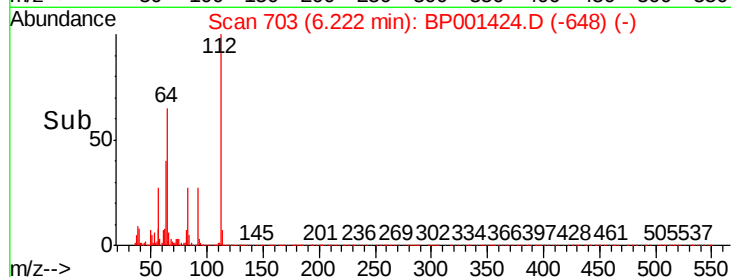
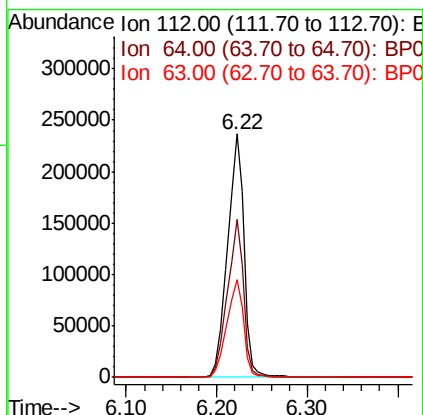
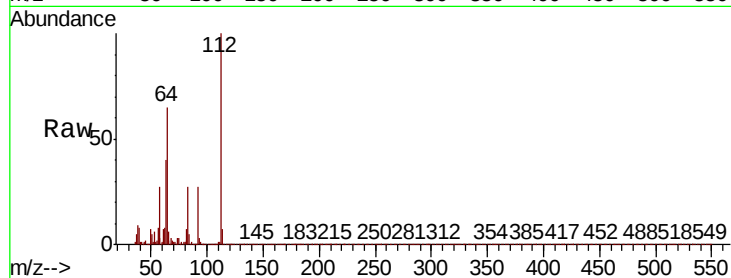
Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	112	Resp:	298405
Ion Ratio	Lower	Upper	
112	100		
64	65.1	53.9	80.9
63	40.2	33.4	50.0



#6

Aniline

Concen: 43.825 ng

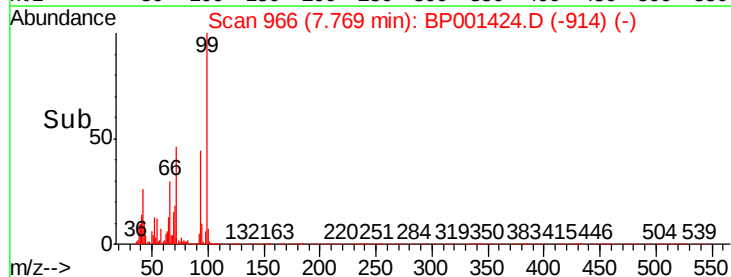
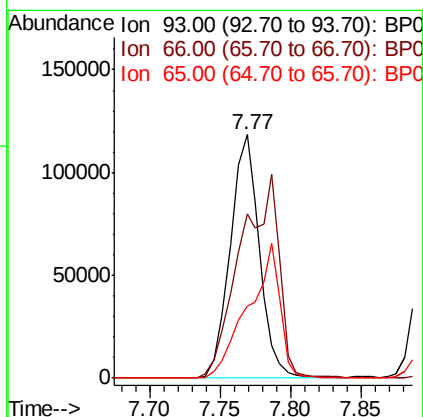
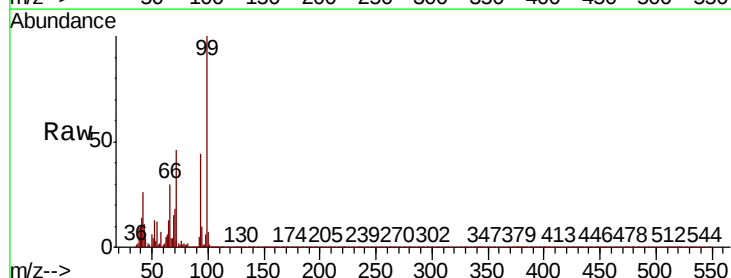
RT: 7.77 min Scan# 966

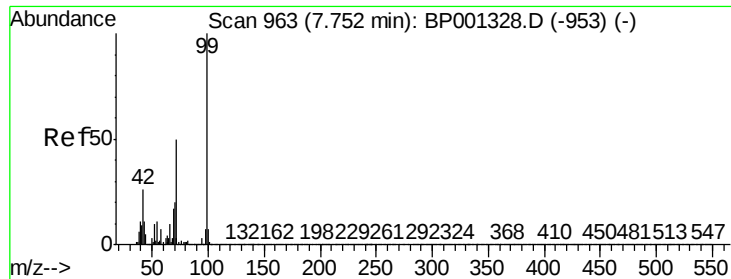
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	93	Resp:	170454
Ion Ratio	Lower	Upper	
93	100		
66	67.4	69.0	103.6#
65	29.5	41.1	61.7#





#7

Phenol-d6

Concen: 134.369 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

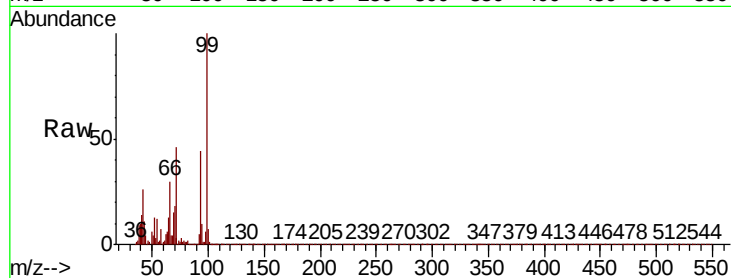
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 415164

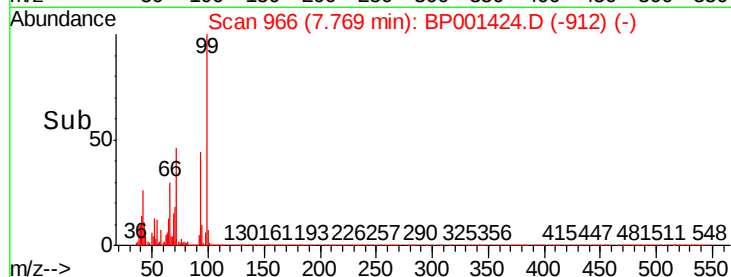
Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.8	31.2
71	46.3	38.2	57.4



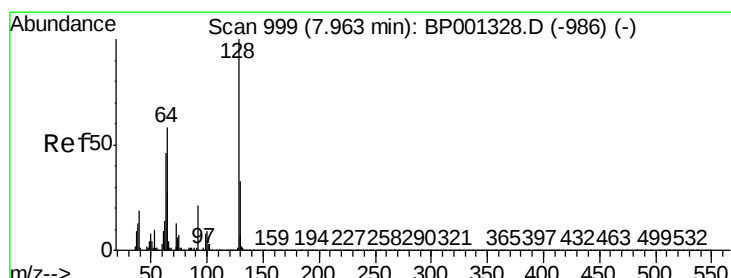
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#8

2-Chlorophenol

Concen: 52.180 ng

RT: 7.96 min Scan# 999

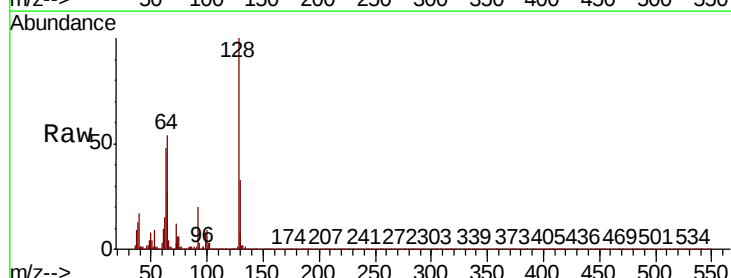
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion: 128 Resp: 124215

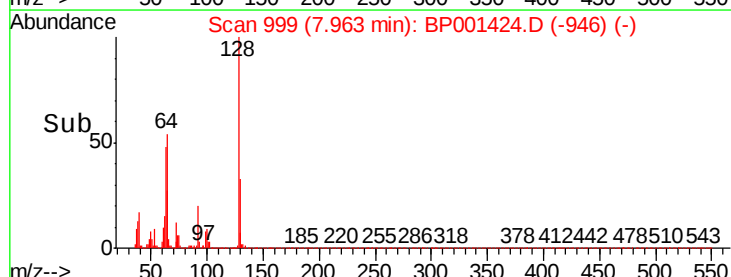
Ion	Ratio	Lower	Upper
128	100		
130	33.1	10.7	50.7
64	53.6	37.7	77.7



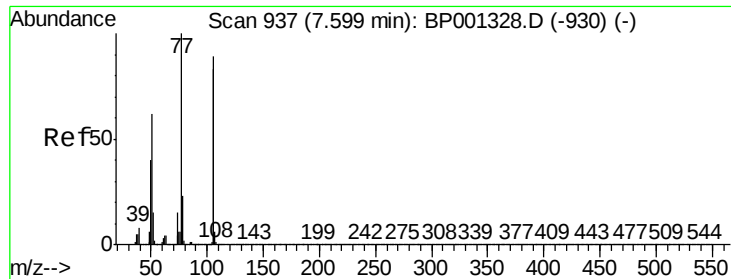
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0



Time-->



#9

Benzaldehyde

Concen: 39.797 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

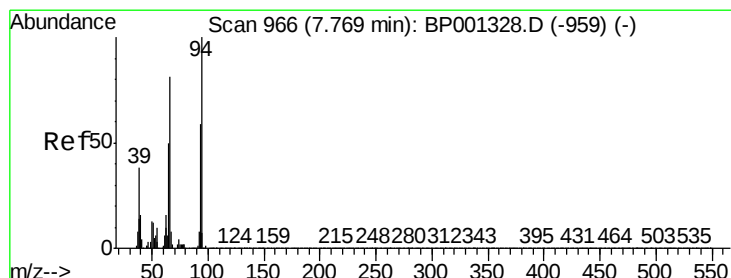
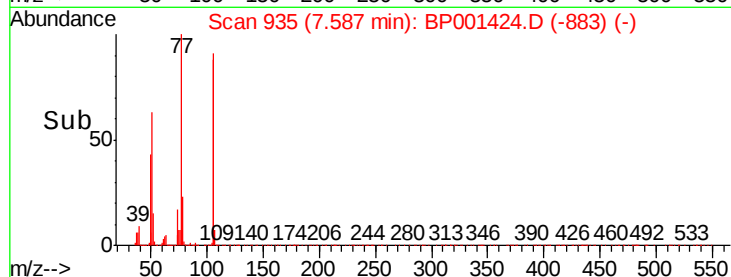
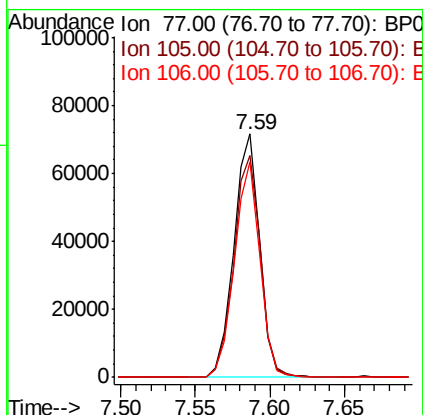
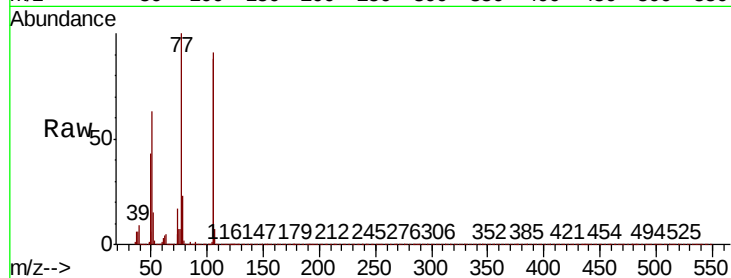
Tot Ion: 77 Resp: 86258

Ion Ratio Lower Upper

77 100

105 91.3 75.7 115.7

106 88.3 70.5 110.5



#10

Phenol

Concen: 53.054 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

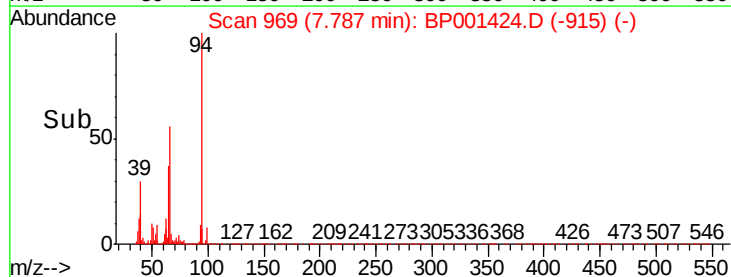
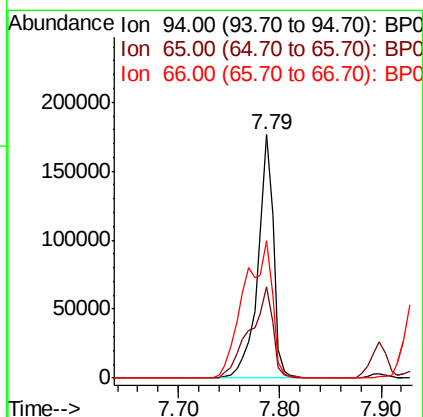
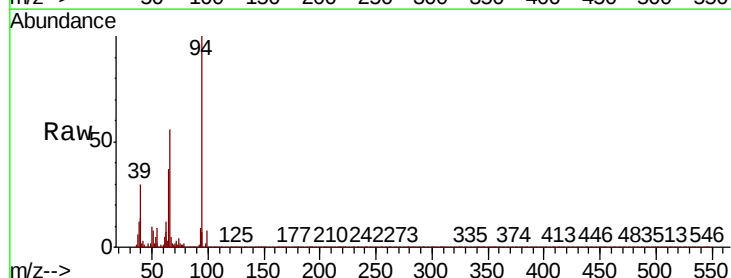
Tgt Ion: 94 Resp: 187296

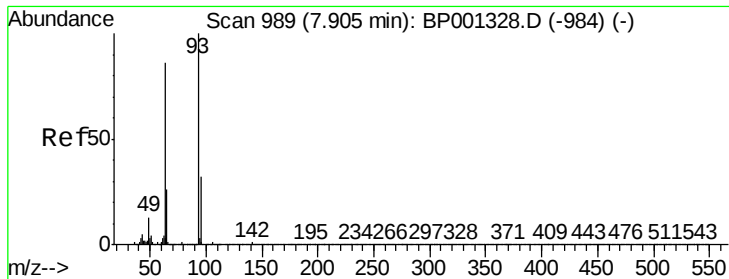
Ion Ratio Lower Upper

94 100

65 37.3 29.6 69.6

66 56.4 62.3 102.3#

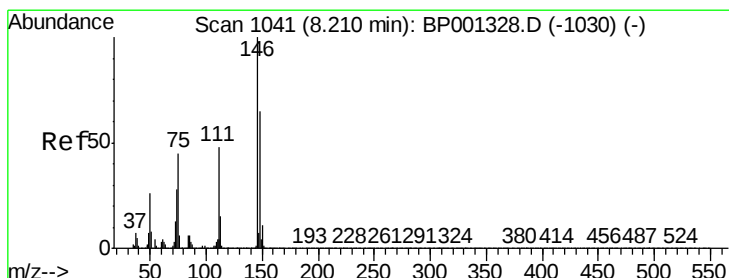
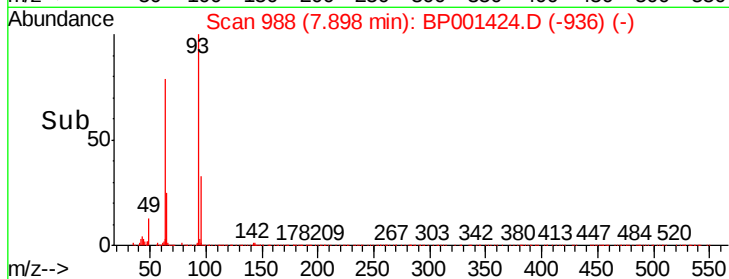
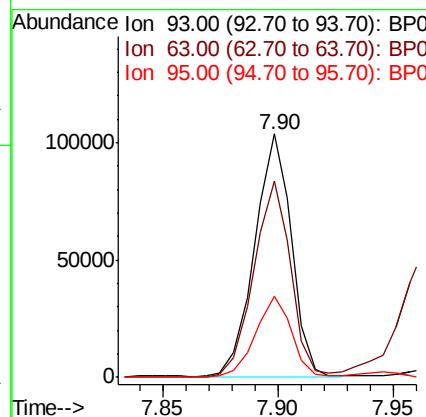
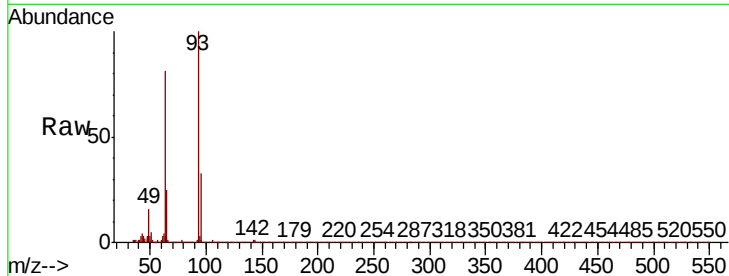




#11
bis(2-Chloroethyl)ether
Concen: 46.298 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

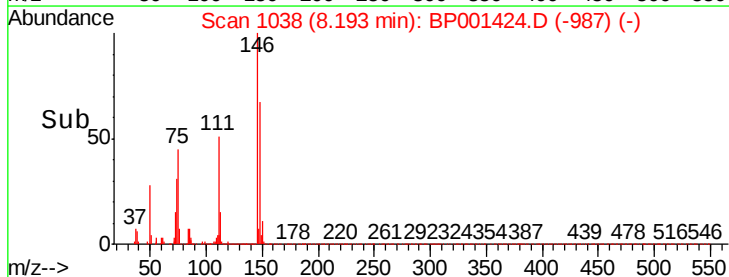
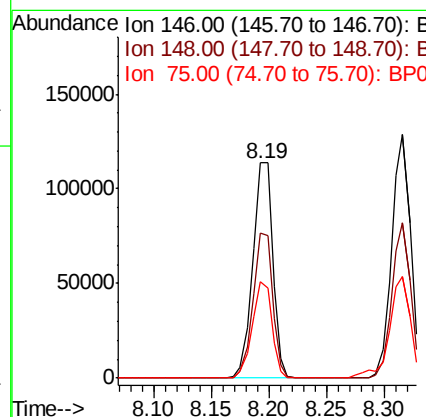
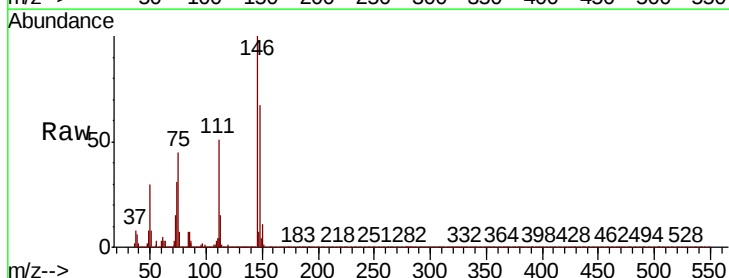
Instrument :
BNA_P
ClientSampled :

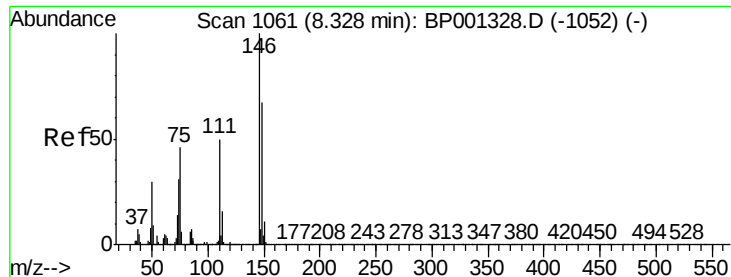
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	64.9	104.9
95	33.3	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 46.250 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	52.2	78.2
75	44.8	35.8	53.8





#13

1,4-Dichlorobenzene

Concen: 48.214 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.00 min

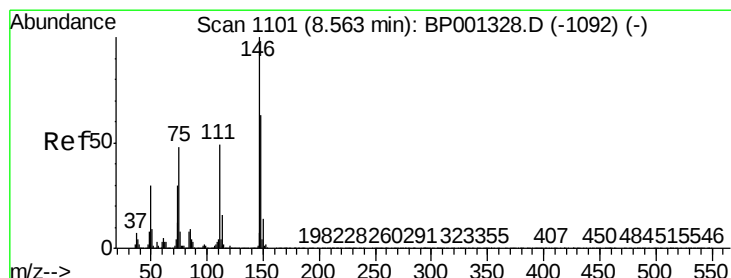
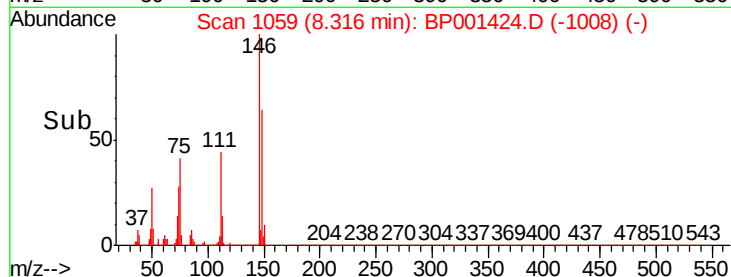
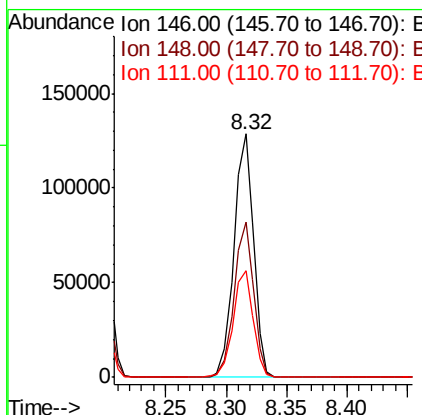
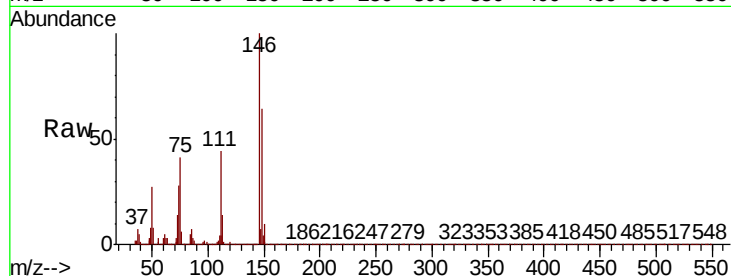
Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 145649

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	44.0	36.8	55.2



#14

1,2-Dichlorobenzene

Concen: 48.420 ng

RT: 8.55 min Scan# 1099

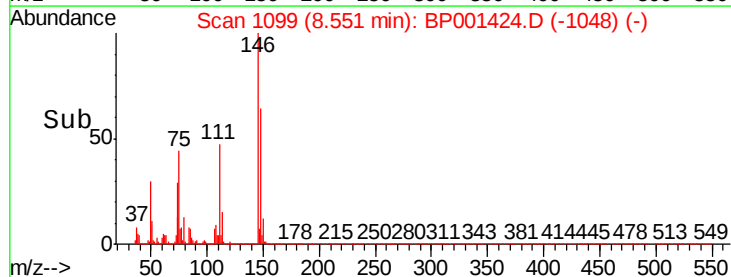
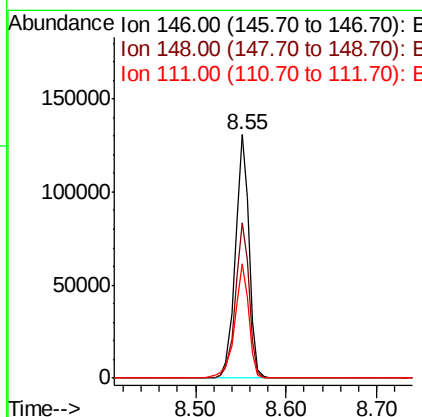
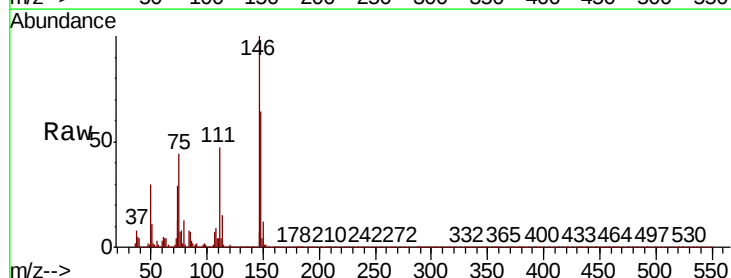
Delta R.T. -0.00 min

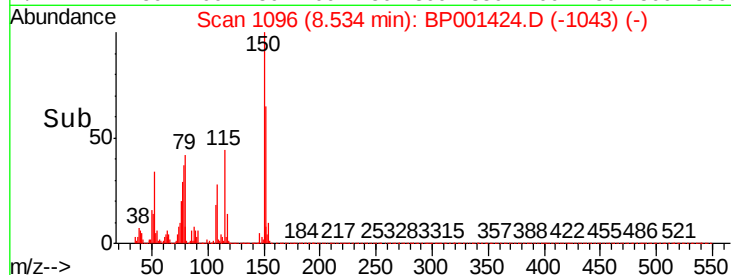
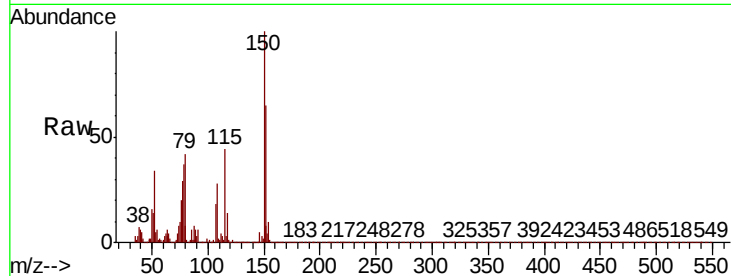
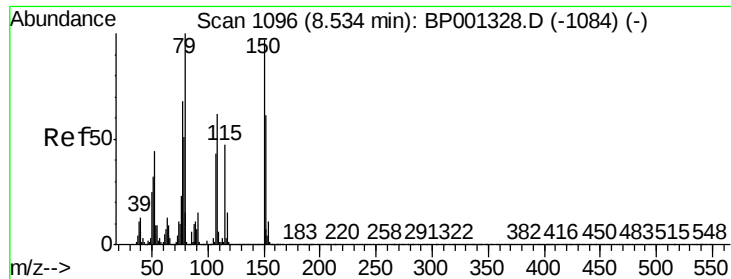
Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:146 Resp: 139349

Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.1	79.7
111	47.2	39.5	59.3

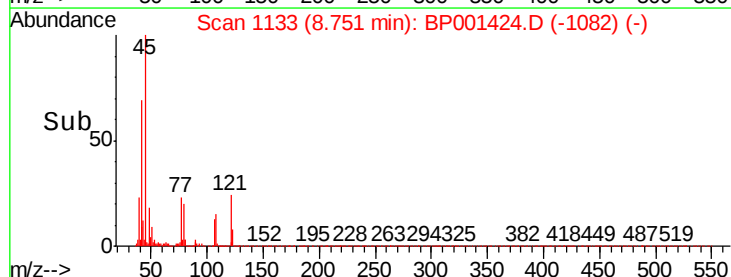
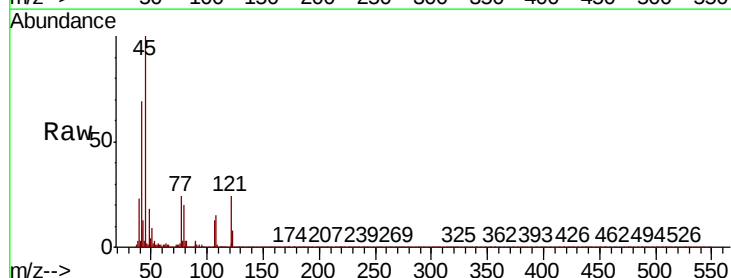
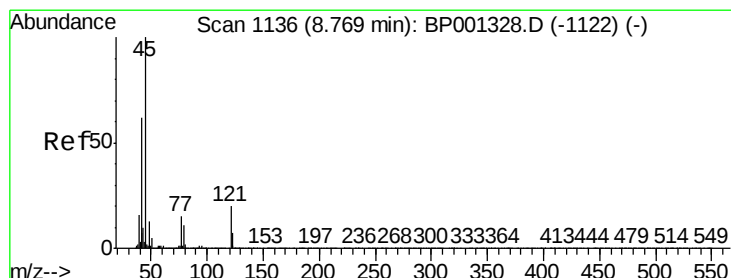
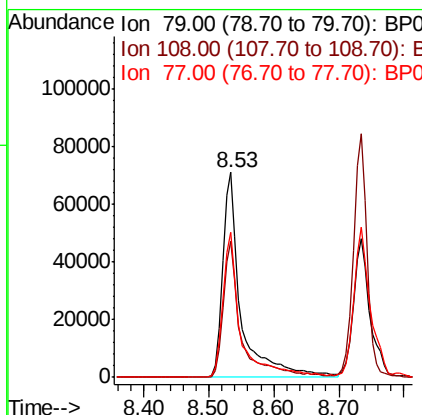




#15
Benzyl Alcohol
Concen: 47.550 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

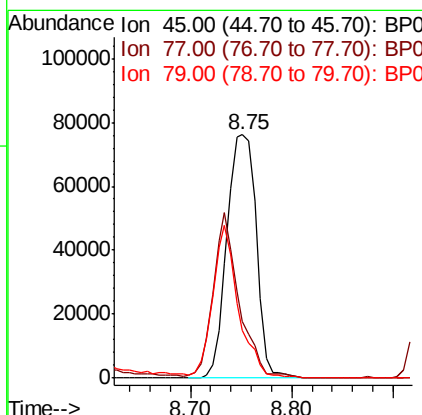
Instrument :
BNA_P
ClientSampleId :

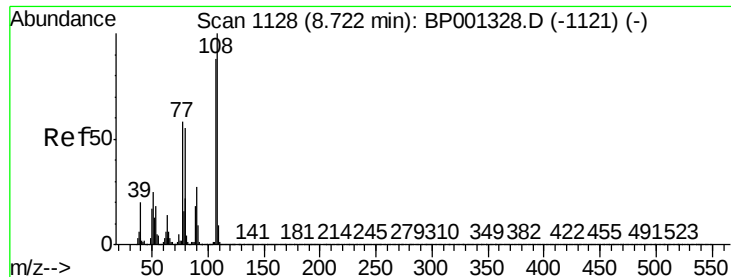
Tot Ion	Ratio	Lower	Upper
79	100		
108	66.5	49.0	73.4
77	70.8	56.7	85.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.695 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.5	0.0	34.7
79	19.6	0.0	31.8

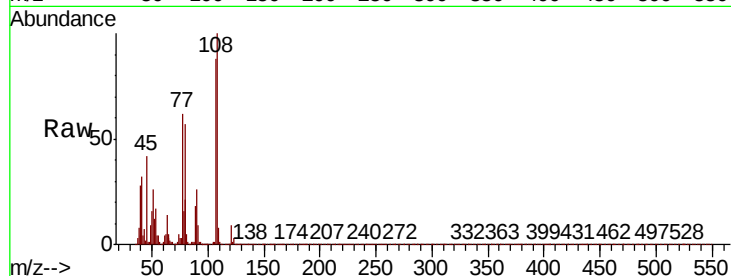




#17
2-Methylphenol
Concen: 51.511 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	108356
Ion	Ratio	Lower	Upper
107	100		
108	113.1	88.8	133.2
77	69.7	48.9	73.3
79	64.2	48.8	73.2



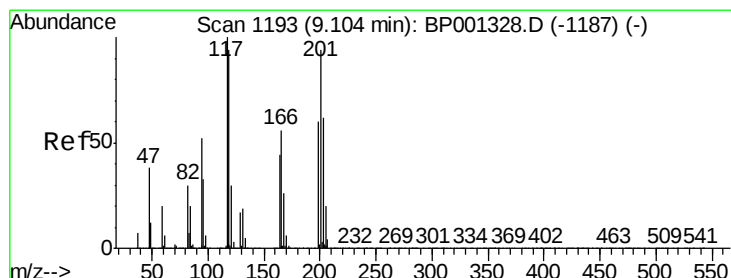
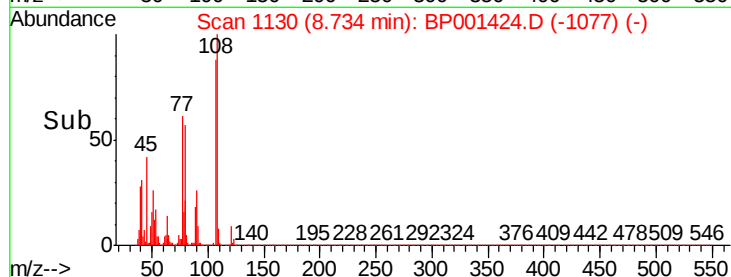
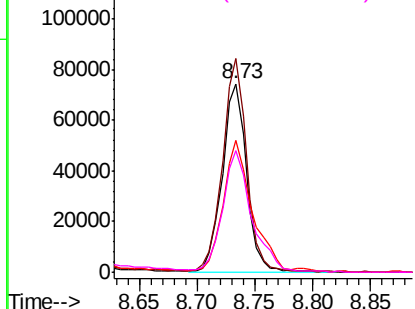
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

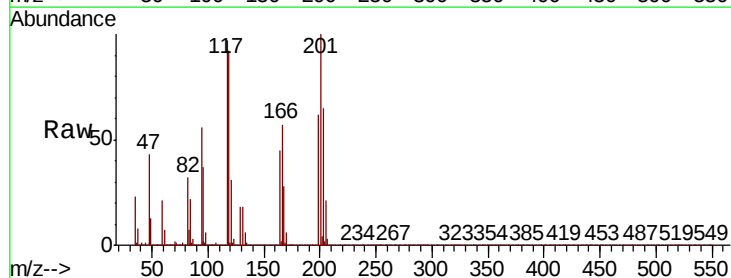
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 42.785 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:	117	Resp:	54983
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.6
201	103.6	77.8	116.6

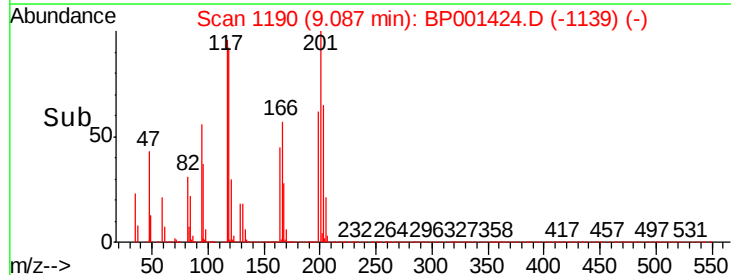
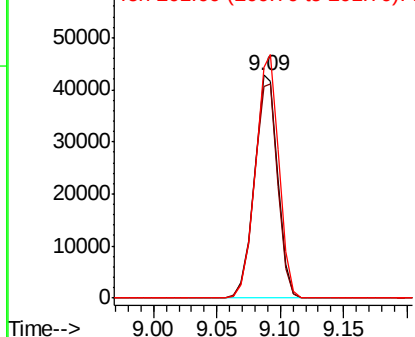


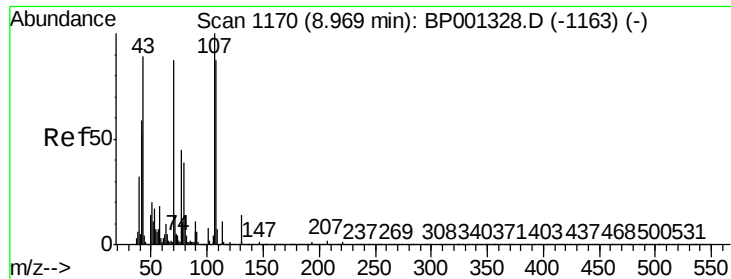
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

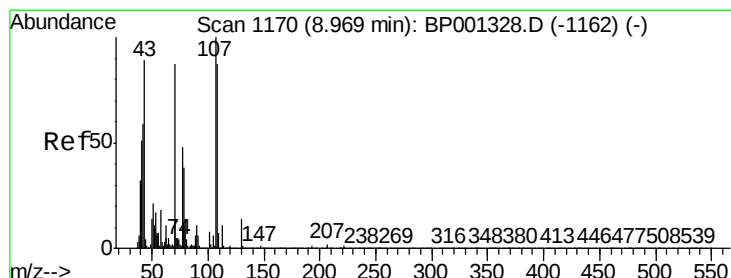
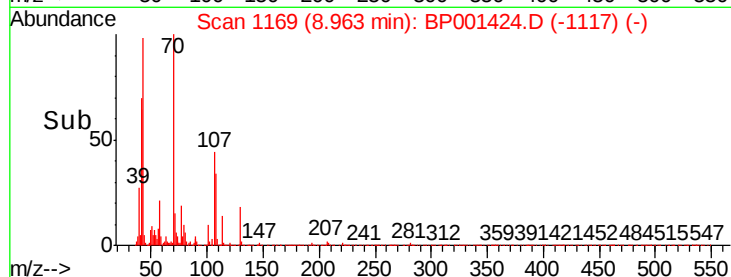
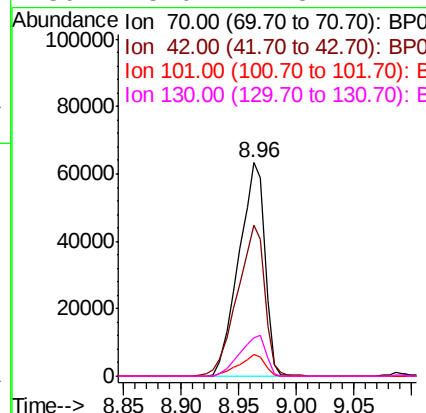
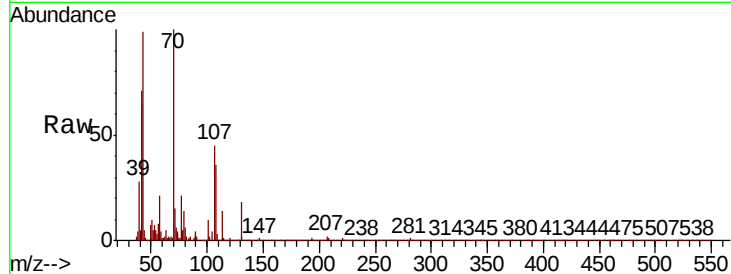




#19
n-Nitroso-di-n-propylamine
Concen: 45.169 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

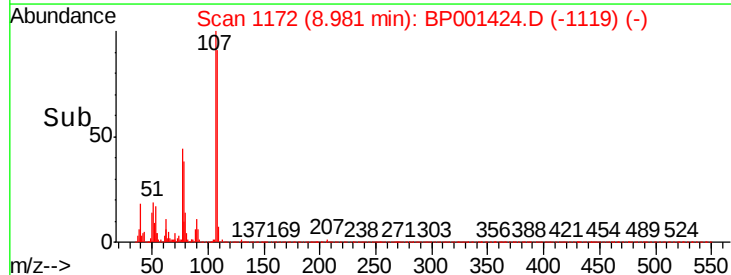
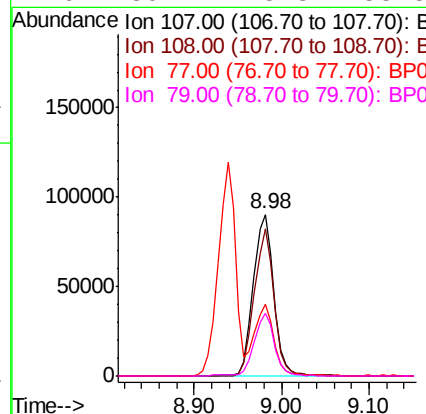
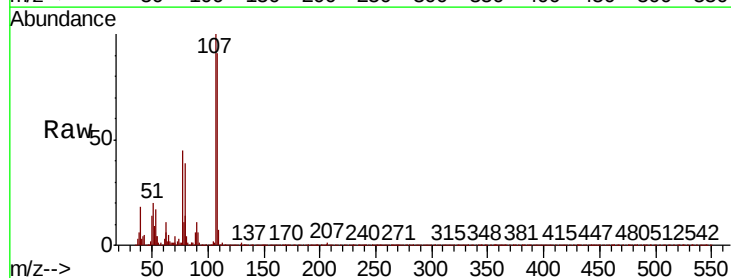
Instrument :
BNA_P
ClientSampleId :

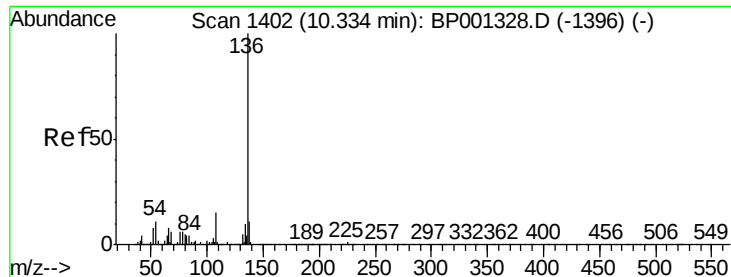
Tot Ion:	70	Resp:	99074
Ion	Ratio	Lower	Upper
70	100		
42	70.5	55.8	83.8
101	10.0	8.2	12.2
130	18.0	14.5	21.7



#20
3+4-Methylphenols
Concen: 50.798 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:	107	Resp:	141798
Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.4	110.4
77	44.7	24.5	64.5
79	39.2	18.8	58.8

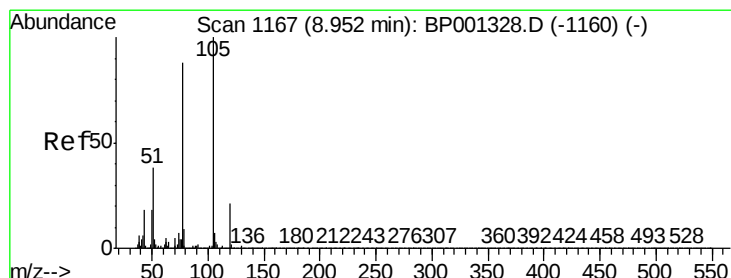
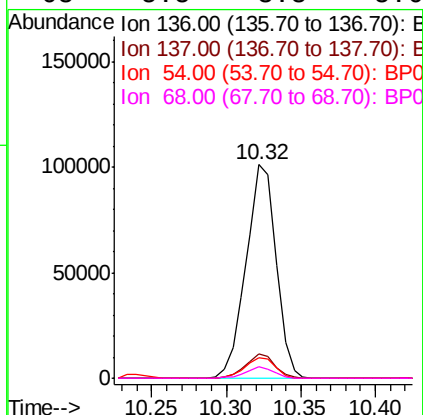
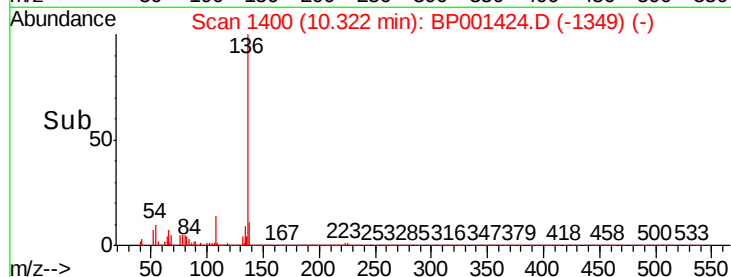
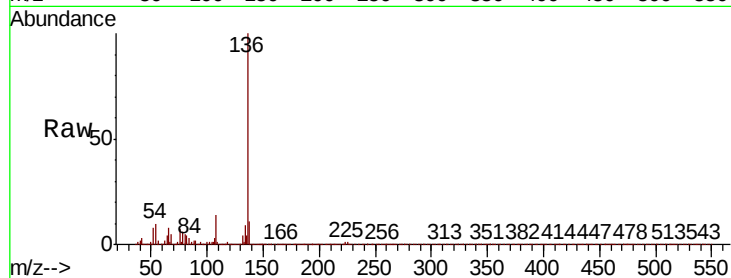




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

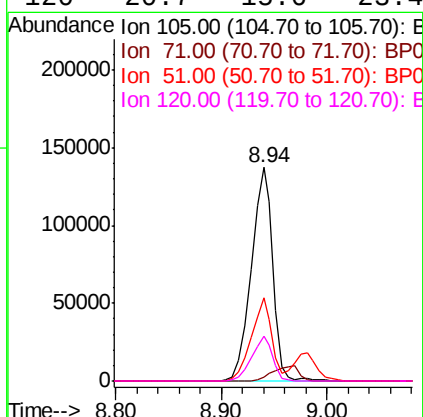
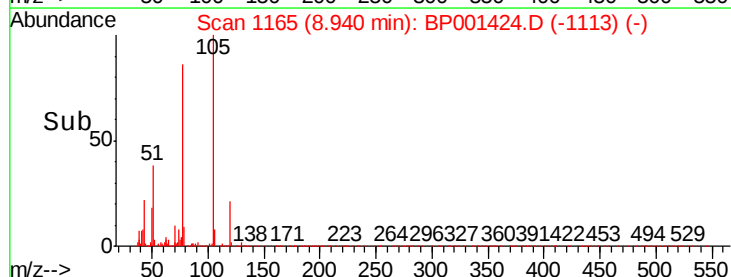
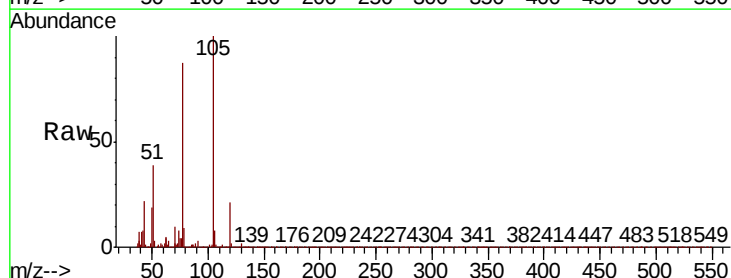
Instrument :
BNA_P
ClientSampleId :

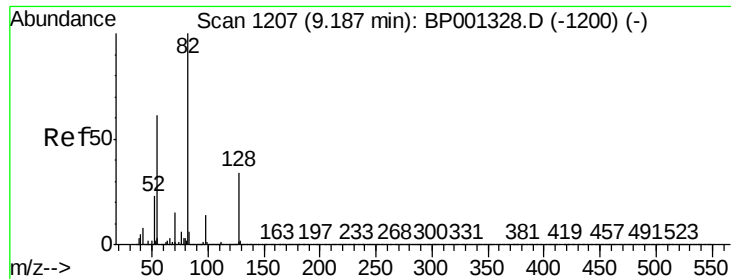
Tot Ion:136	Resp:	140435
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	9.7	7.3 10.9
68	5.5	3.8 5.6



#22
Acetophenone
Concen: 43.714 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:105	Resp:	194131
Ion Ratio	Lower	Upper
105	100	
71	1.5	0.2 0.4#
51	38.9	29.8 44.6
120	20.7	15.6 23.4

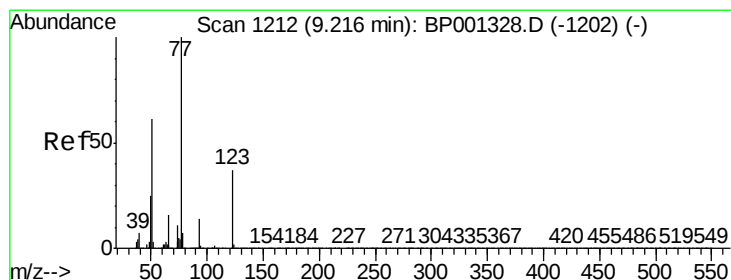
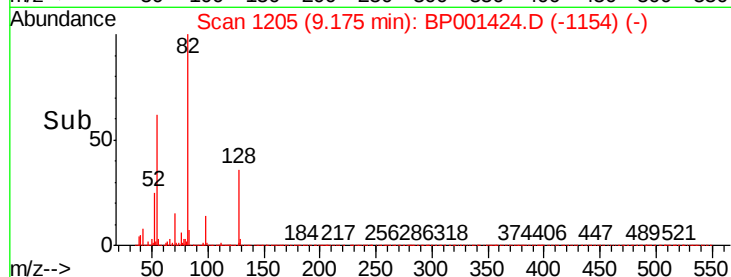
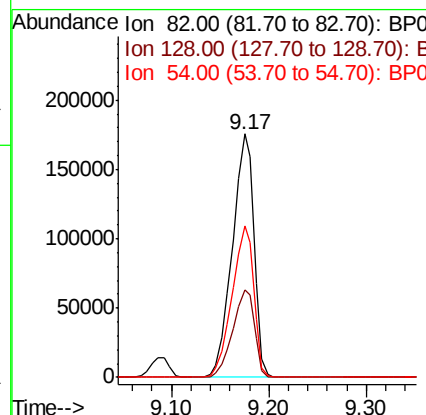
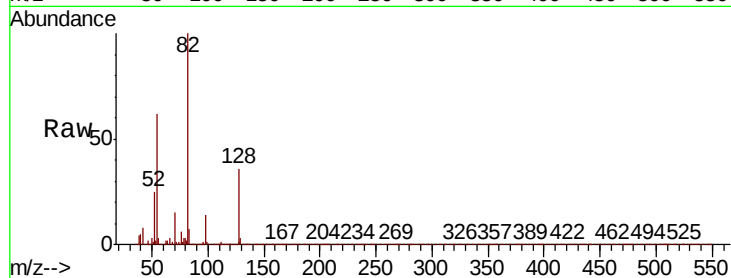




#23
Nitrobenzene-d5
Concen: 73.589 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

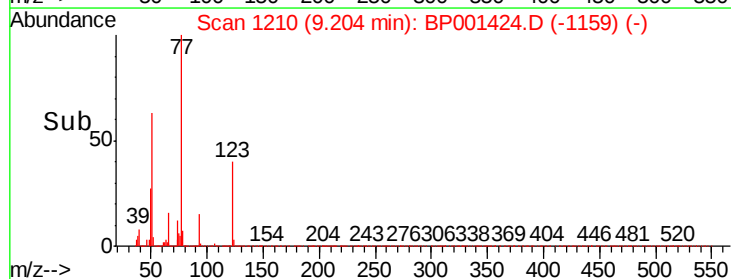
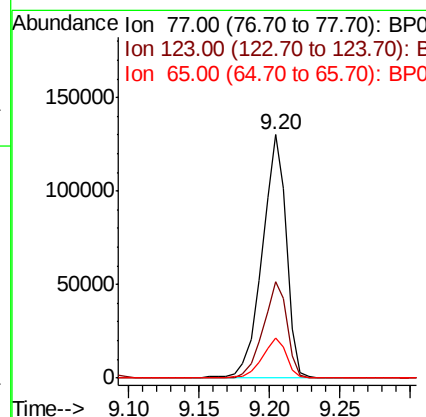
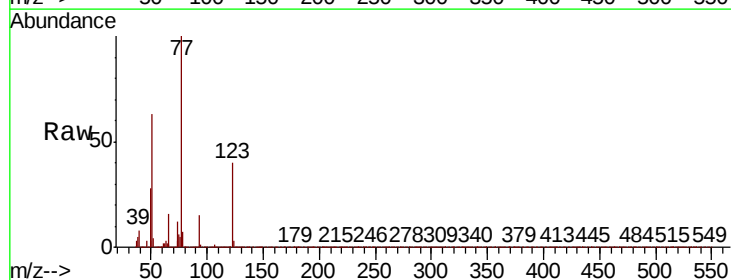
Instrument :
BNA_P
ClientSampleId :

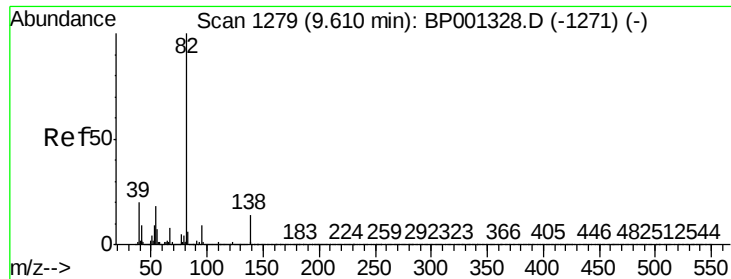
Tot Ion	82	Resp	269119
Ion Ratio	100	Lower	Upper
128	36.0	27.4	41.0
54	62.4	47.5	71.3



#24
Nitrobenzene
Concen: 43.420 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	77	Resp	156284
Ion Ratio	100	Lower	Upper
123	39.5	30.9	46.3
65	16.5	13.0	19.4

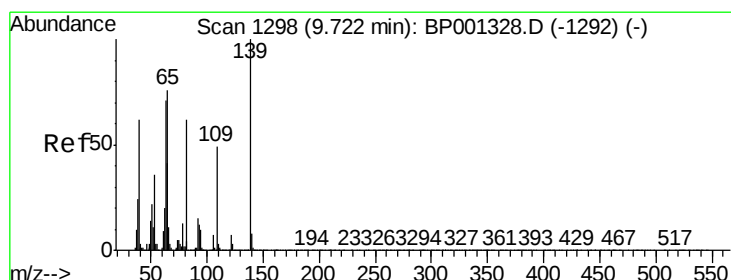
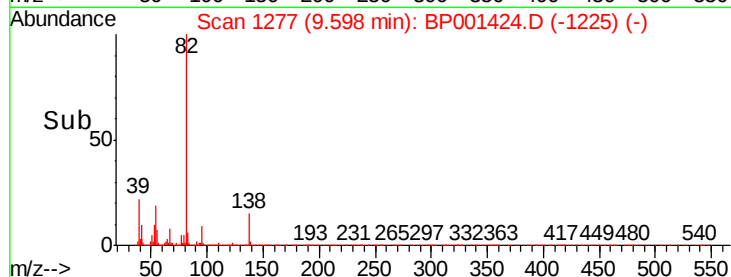
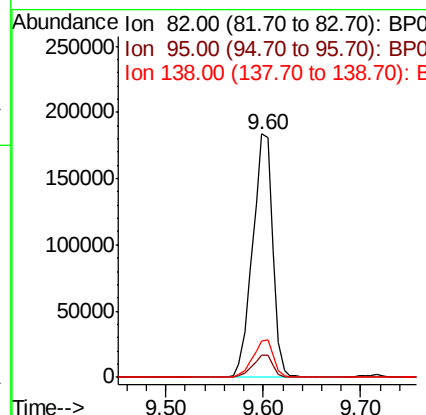
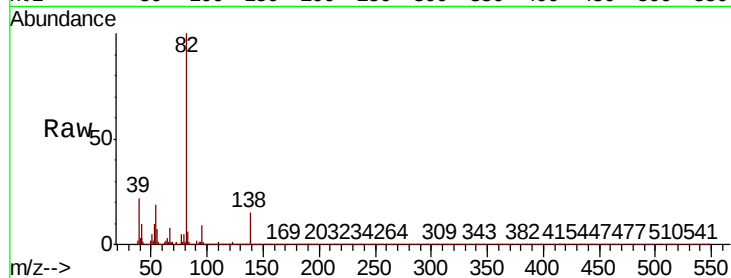




#25
Isophorone
Concen: 45.357 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

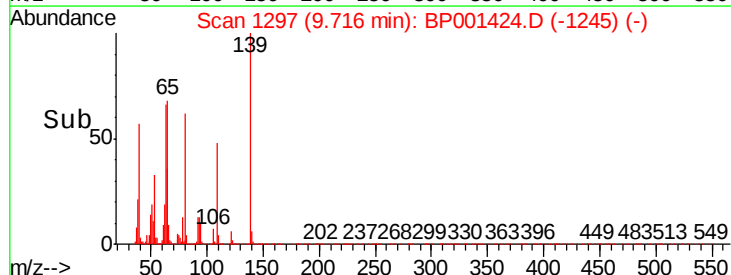
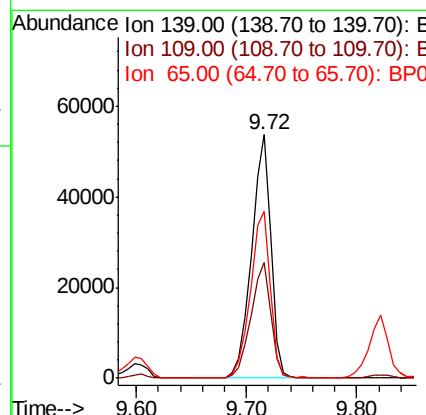
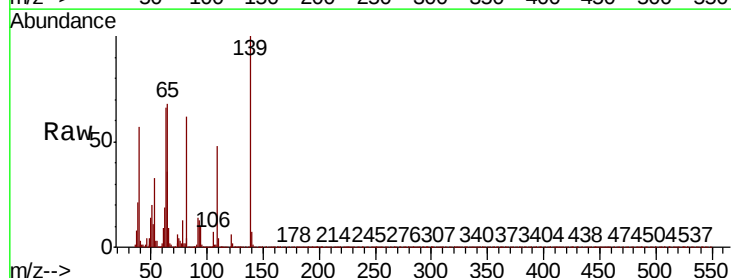
Instrument :
BNA_P
ClientSampleId :

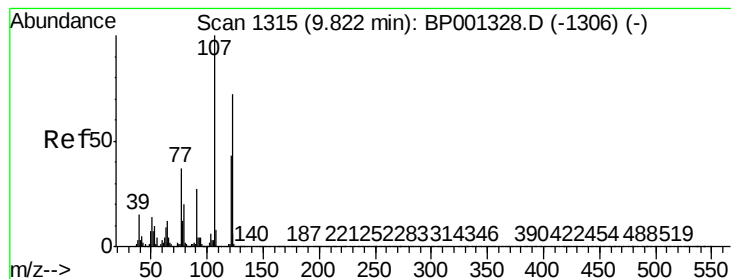
Tot Ion: 82 Resp: 266714
Ion Ratio Lower Upper
82 100
95 9.3 7.3 10.9
138 14.8 11.9 17.9



#26
2-Nitrophenol
Concen: 51.358 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion: 139 Resp: 65917
Ion Ratio Lower Upper
139 100
109 47.5 40.5 60.7
65 68.3 56.2 84.4





#27

2,4-Dimethylphenol

Concen: 58.995 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

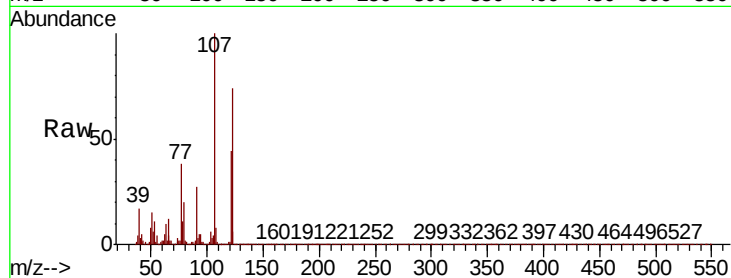
Tot Ion:122 Resp: 111366

Ion Ratio Lower Upper

122 100

107 135.8 106.5 159.7

121 60.0 47.1 70.7

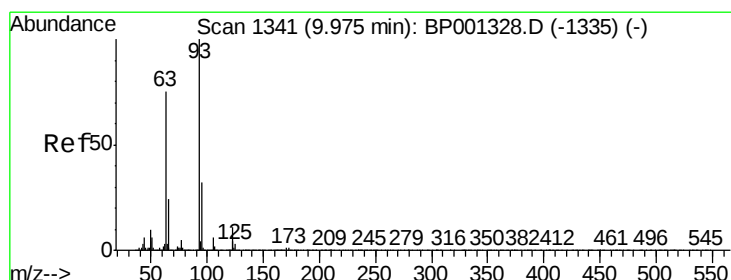
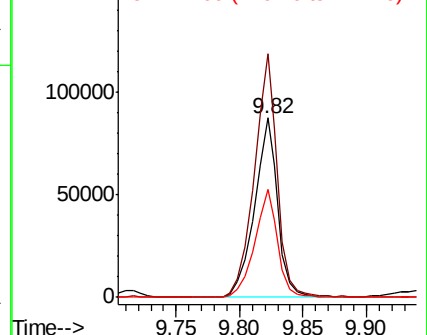
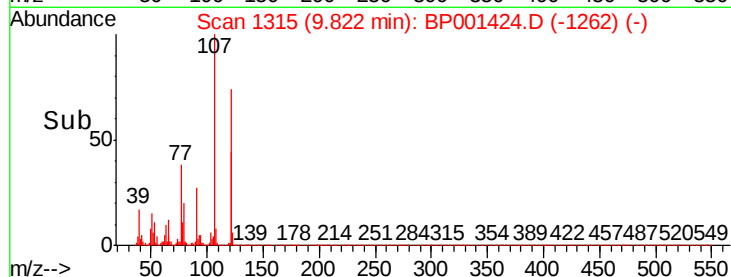


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.234 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

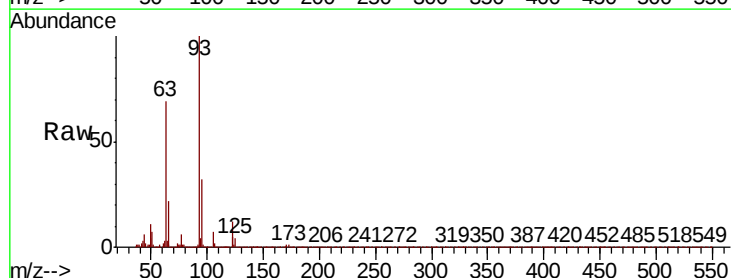
Tgt Ion: 93 Resp: 148328

Ion Ratio Lower Upper

93 100

95 31.8 26.3 39.5

123 11.7 9.0 13.6

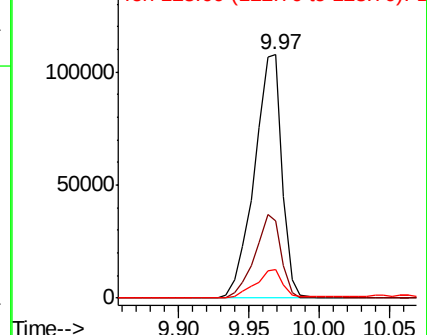
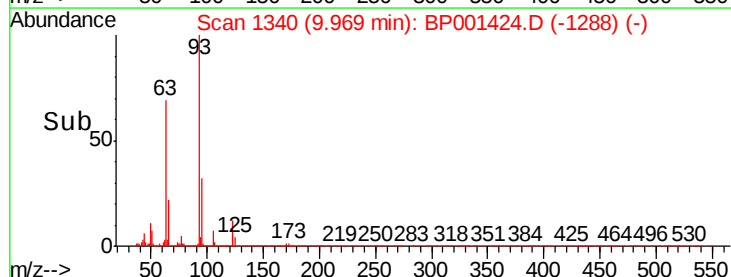


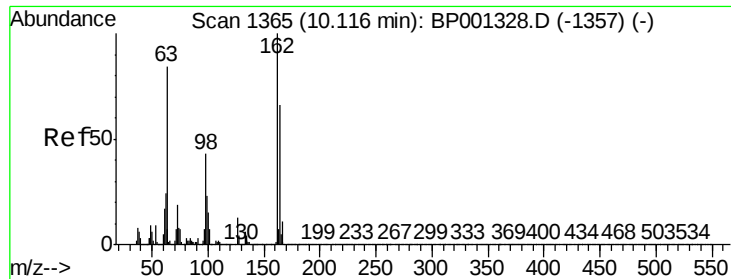
Abundance

Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

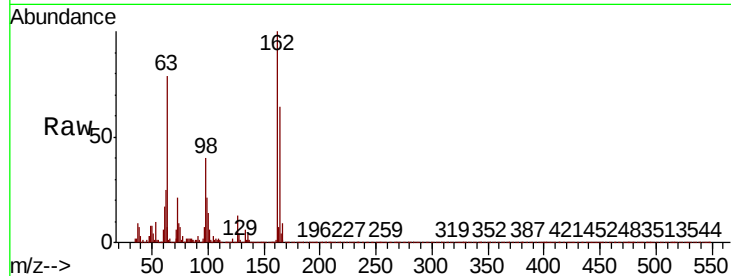




#29
 2,4-Dichlorophenol
 Concen: 50.084 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

Instrument :
 BNA_P
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.8	84.8
98	40.2	18.5	58.5

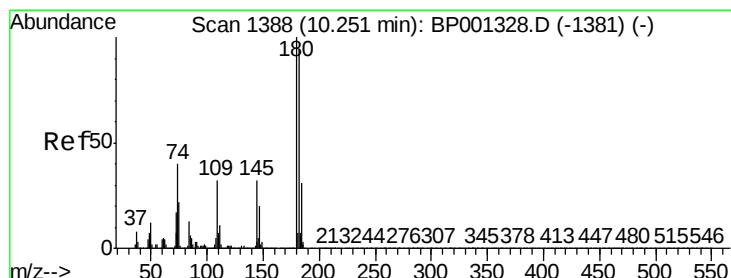
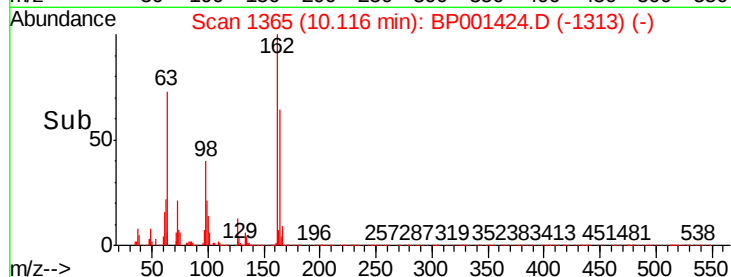
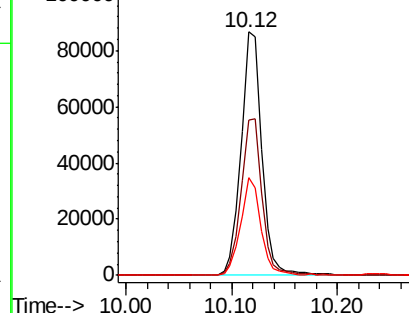


Abundance

Ion 162.00 (161.70 to 162.70): E

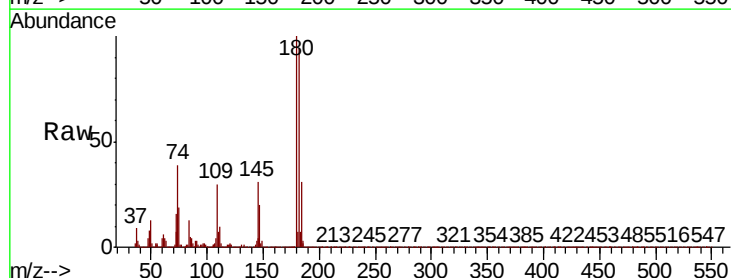
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
 1,2,4-Trichlorobenzene
 Concen: 46.147 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	79.3	118.9
145	31.1	23.1	34.7

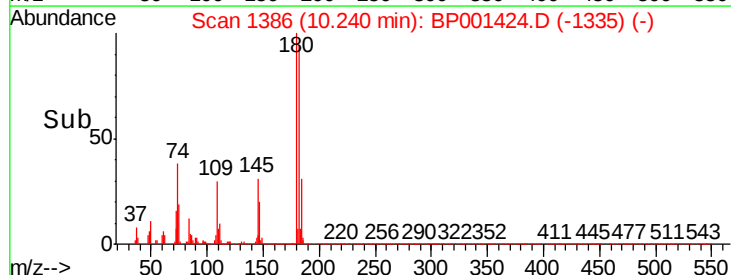
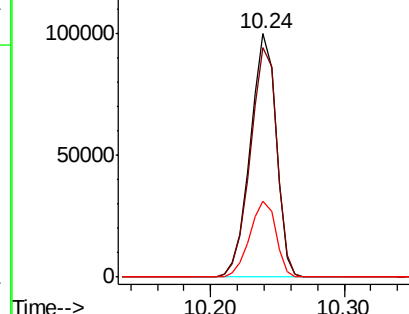


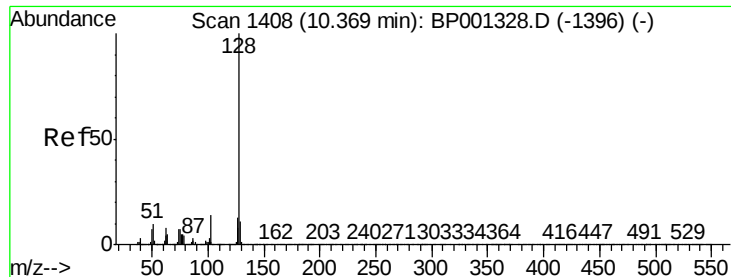
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

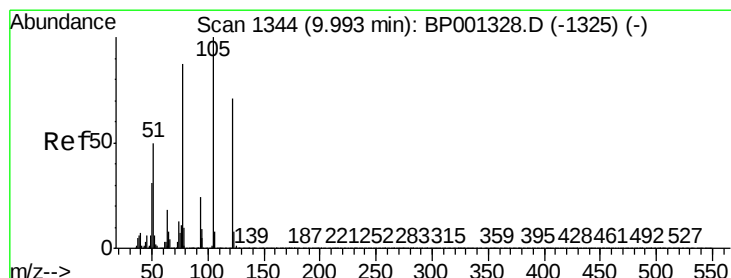
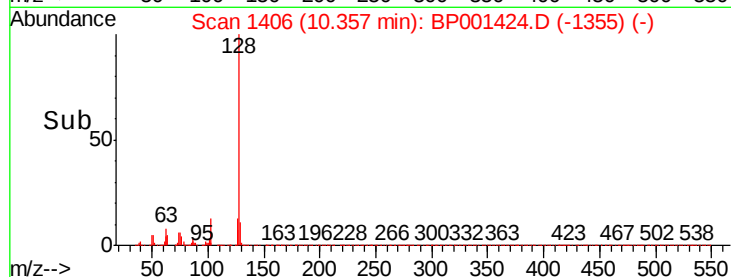
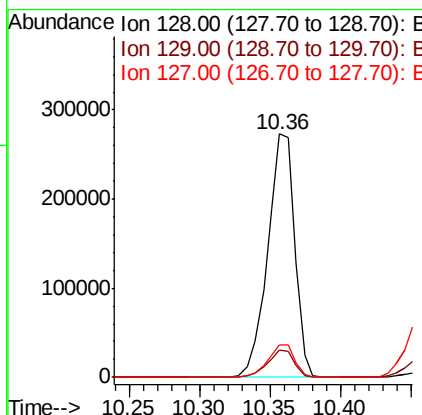
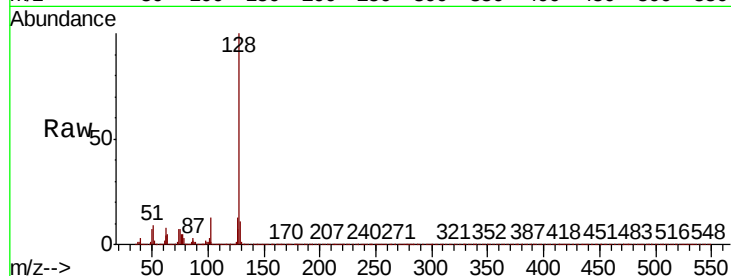




#31
Naphthalene
Concen: 47.886 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

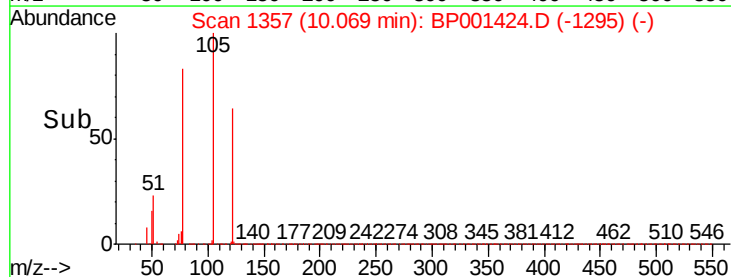
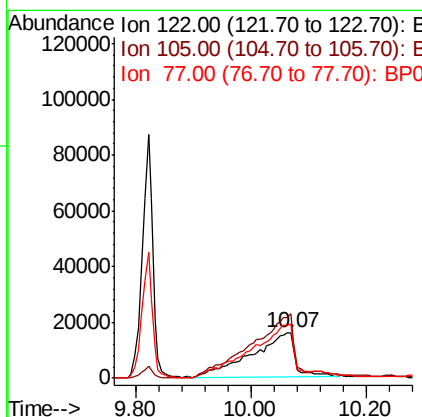
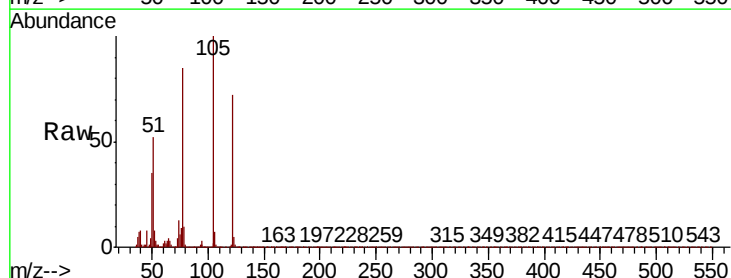
Instrument :
BNA_P
ClientSampleId :

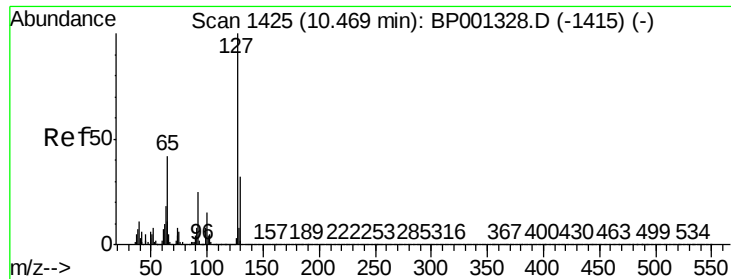
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.3	11.0	16.6



#32
Benzoic acid
Concen: 54.965 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.06 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.4	117.8	157.8
77	118.7	85.6	125.6

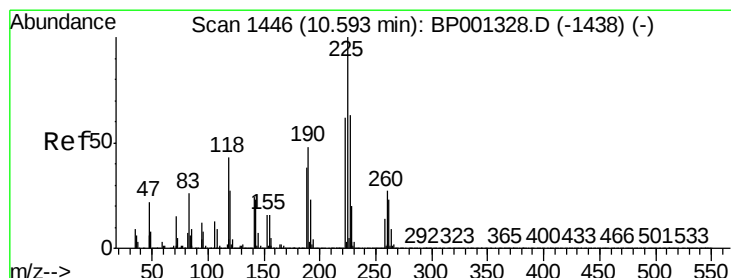
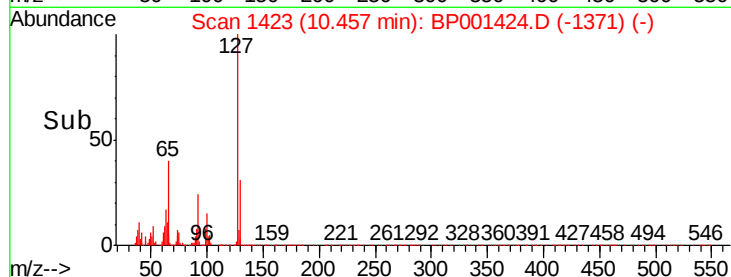
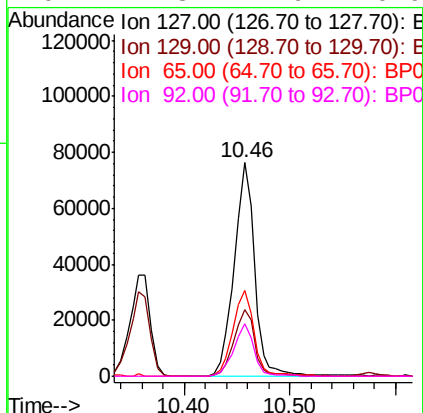
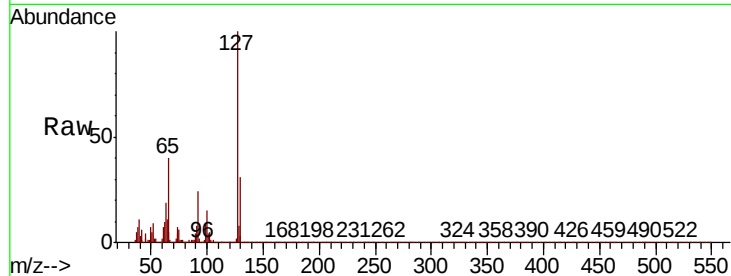




#33
4-Chloroaniline
Concen: 32.497 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

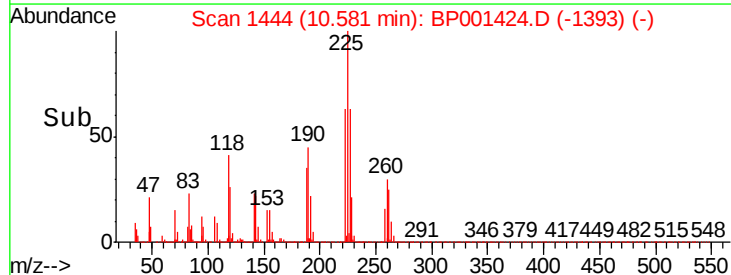
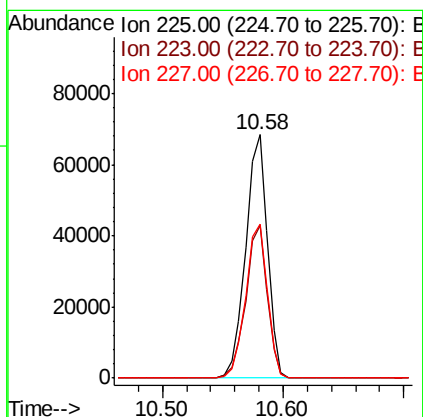
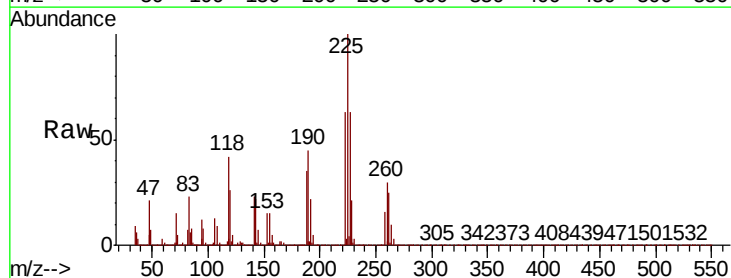
Instrument :
BNA_P
ClientSampled :

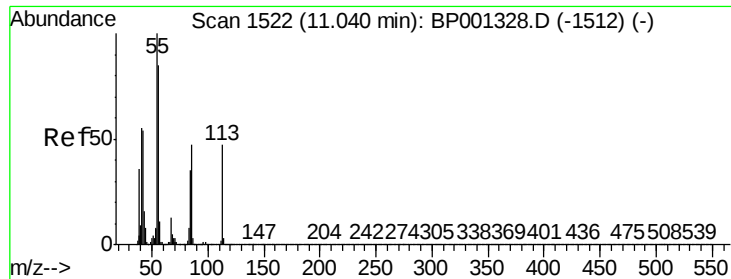
Tot Ion:	127	Resp:	101881
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.8
65	40.3	33.9	50.9
92	24.3	17.9	26.9



#34
Hexachlorobutadiene
Concen: 43.036 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:	225	Resp:	86303
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.0
227	63.2	57.0	85.4

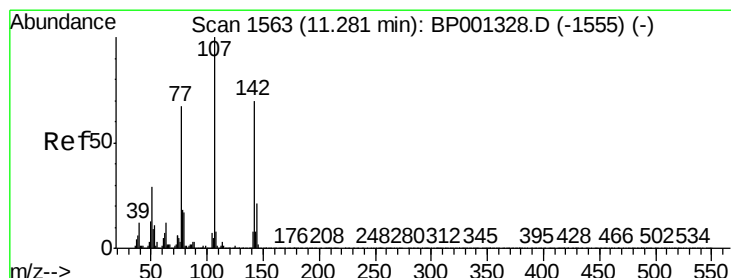
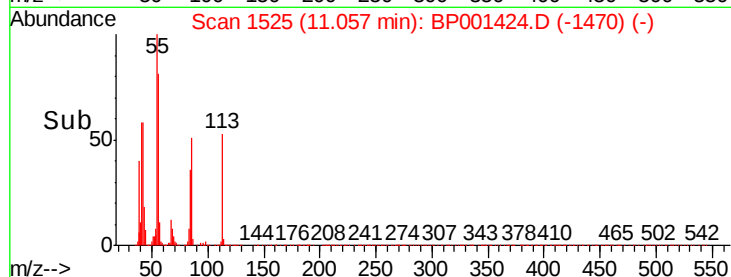
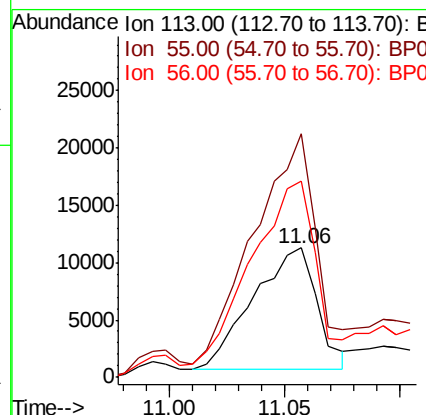
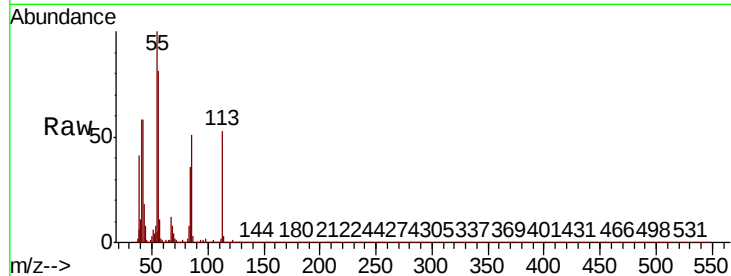




#35
Caprolactam
Concen: 29.299 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

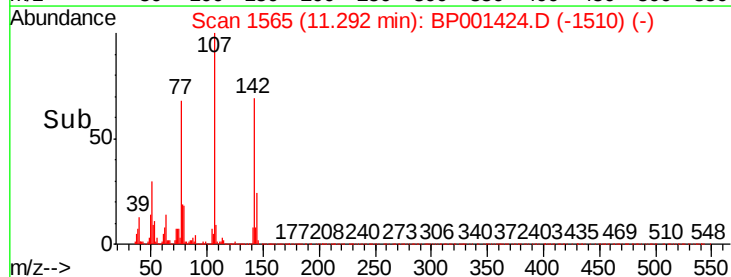
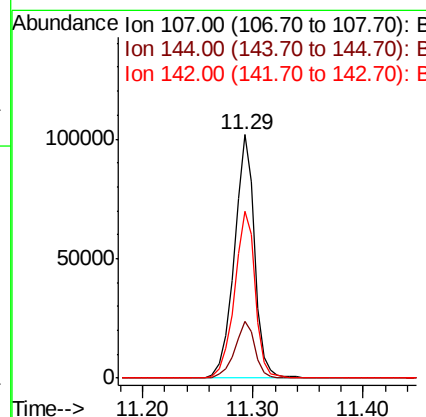
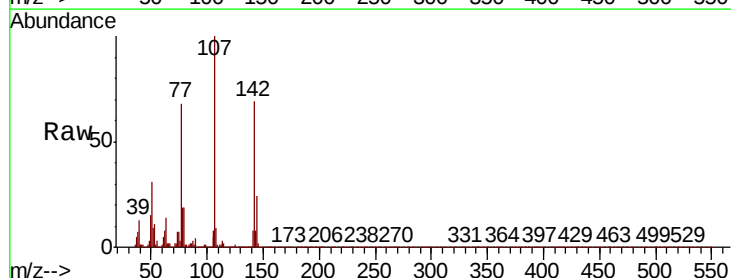
Instrument :
BNA_P
ClientSampled :

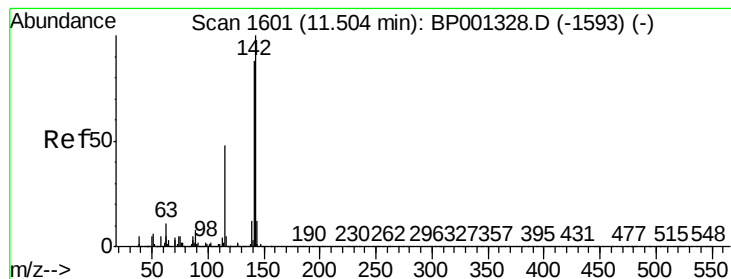
Tot Ion:113 Resp: 20378
Ion Ratio Lower Upper
113 100
55 187.8 164.2 204.2
56 151.5 130.8 170.8



#36
4-Chloro-3-methylphenol
Concen: 47.941 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:107 Resp: 130950
Ion Ratio Lower Upper
107 100
144 23.6 17.8 26.8
142 68.6 56.2 84.4





#37

2-Methylnaphthalene

Concen: 49.479 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

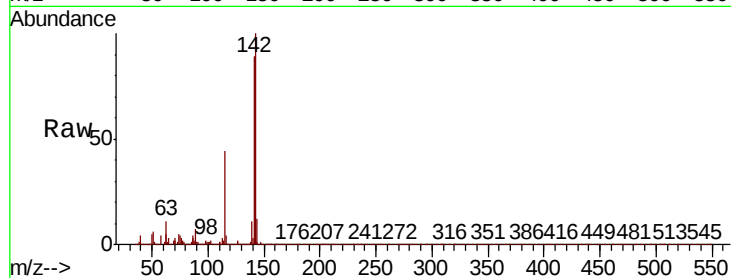
Tot Ion:142 Resp: 261856

Ion Ratio Lower Upper

142 100

141 89.0 70.2 105.2

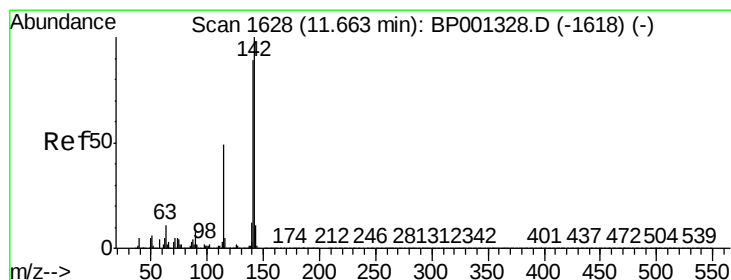
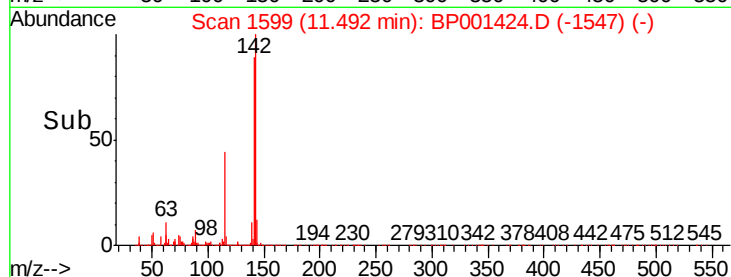
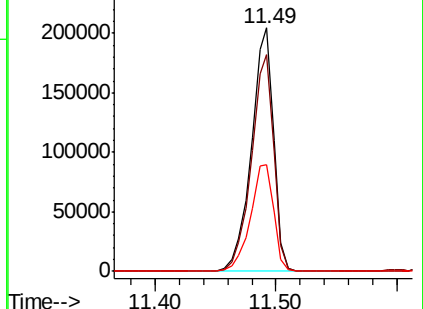
115 43.9 37.0 55.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.453 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

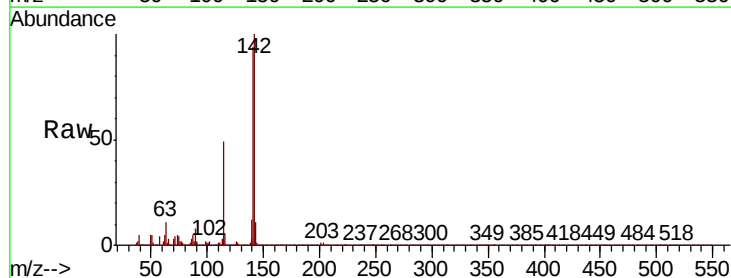
Tgt Ion:142 Resp: 246056

Ion Ratio Lower Upper

142 100

141 94.0 72.9 109.3

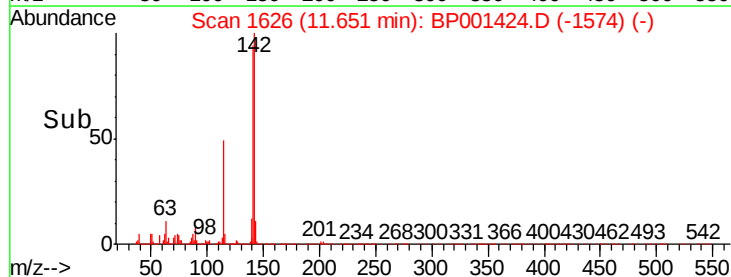
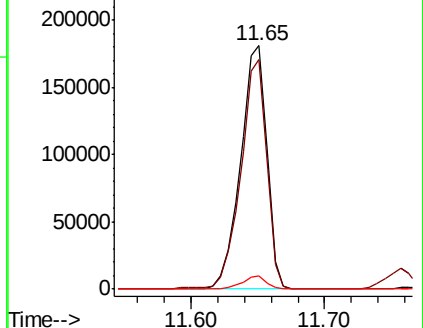
116 5.2 3.8 5.8

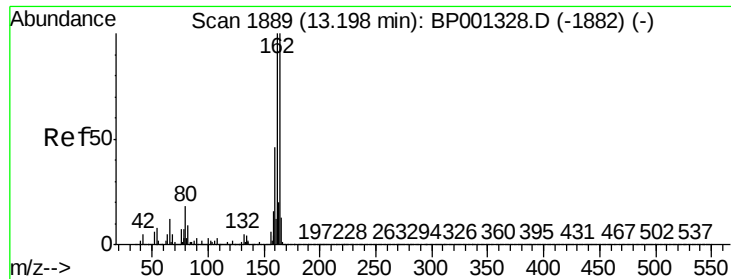


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.19 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

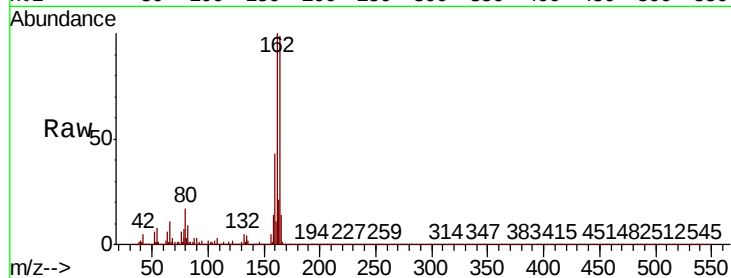
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 83505

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.2	117.4
160	43.8	35.1	52.7

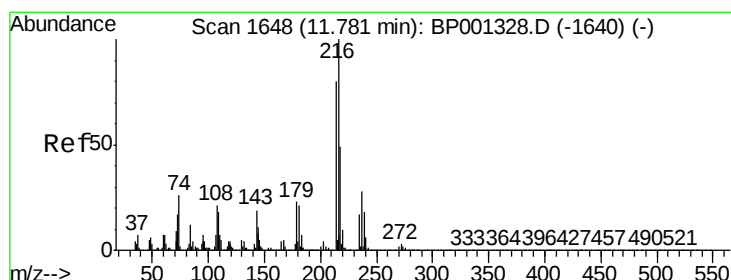
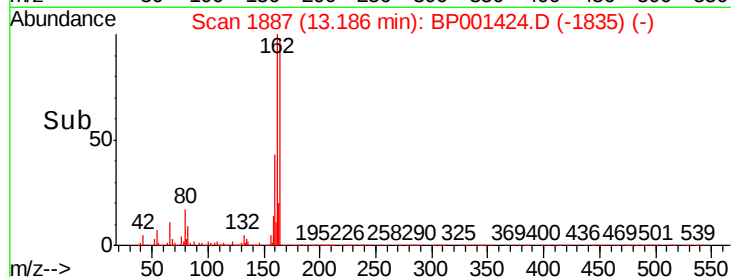
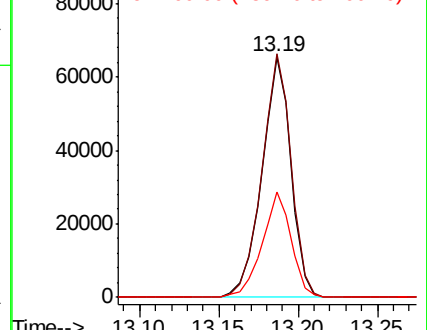


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.408 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:216 Resp: 146377

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.1	93.1
179	22.2	17.1	25.7
108	24.2	16.0	24.0

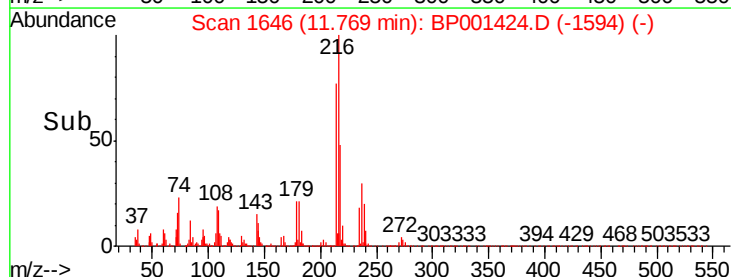
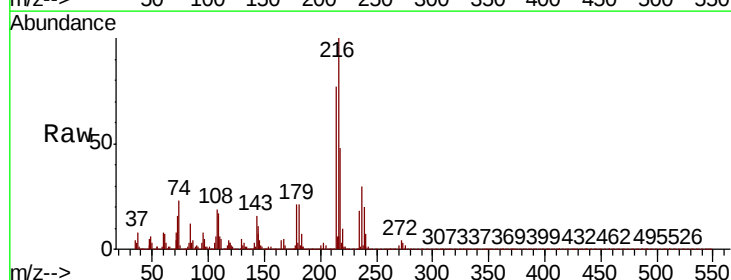
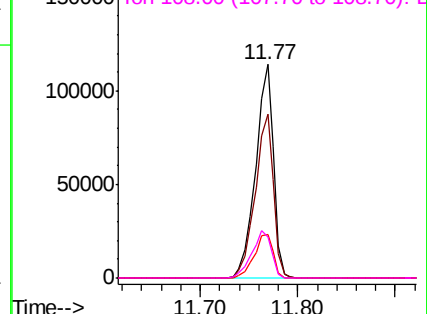
Abundance

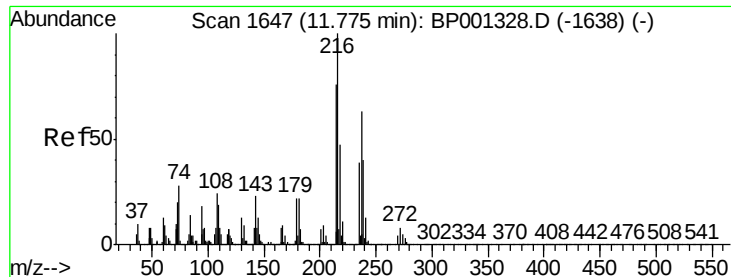
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

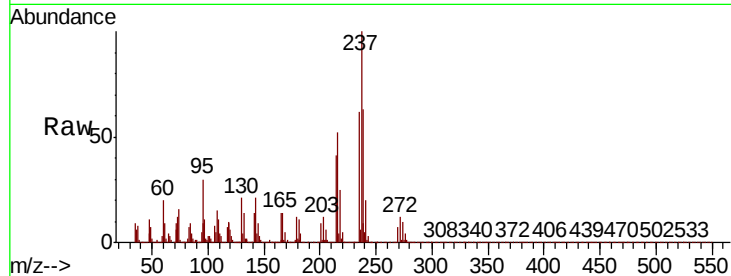




#41
Hexachlorocyclopentadiene
Concen: 93.897 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.8	82.8
272	11.7	0.0	33.0

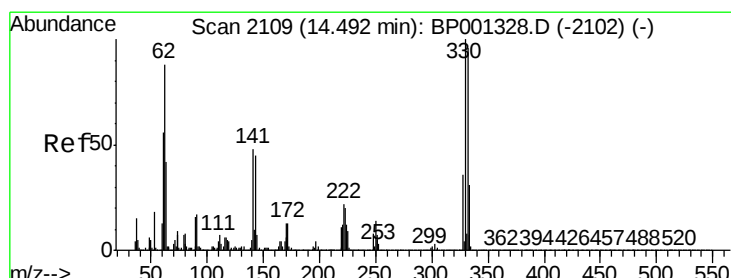
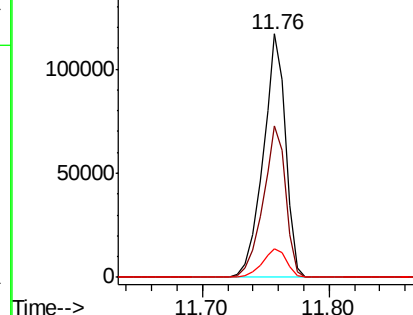
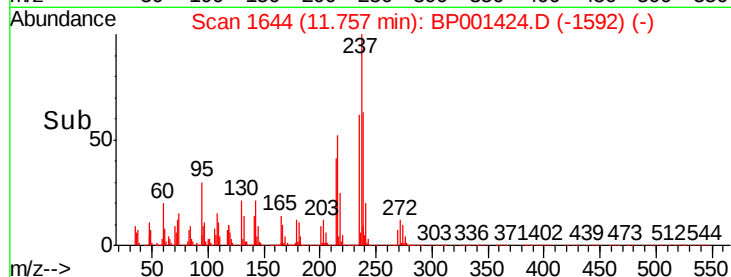


Abundance

Ion 236.80 (236.50 to 237.50): E

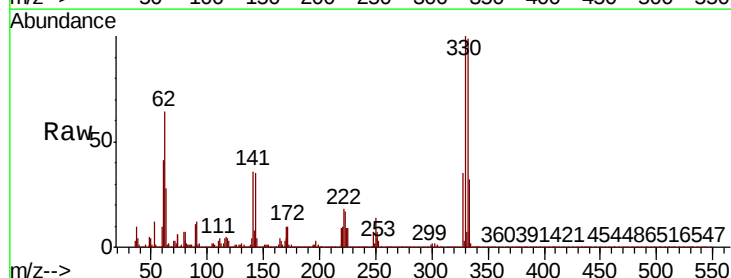
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 125.273 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.3	117.5
141	41.3	26.8	40.2

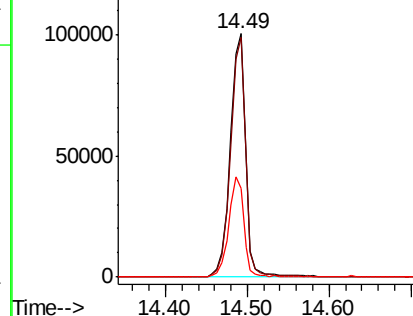
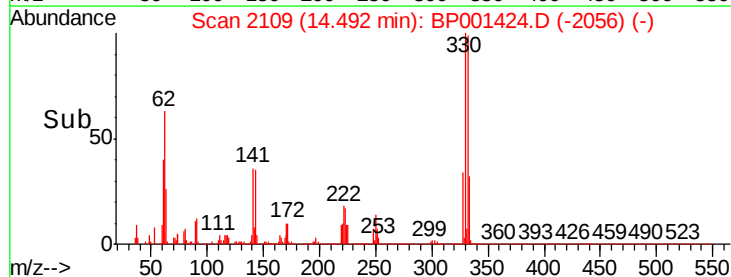


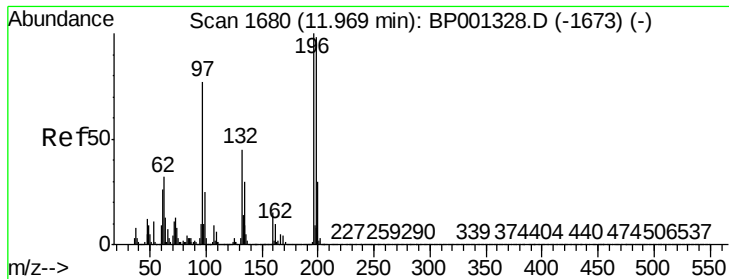
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

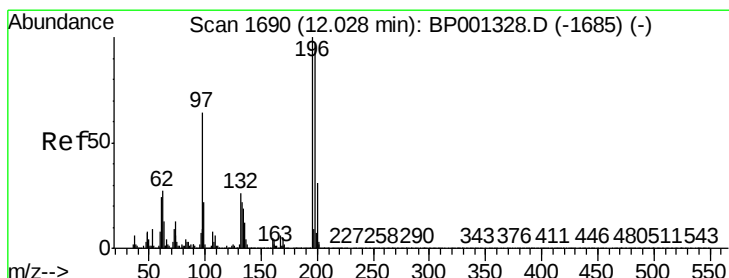
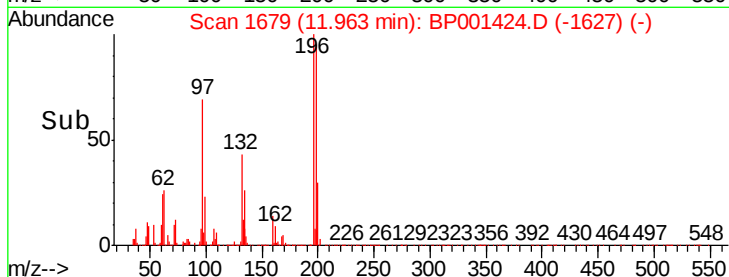
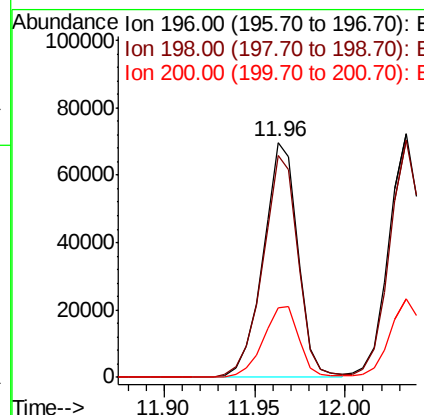
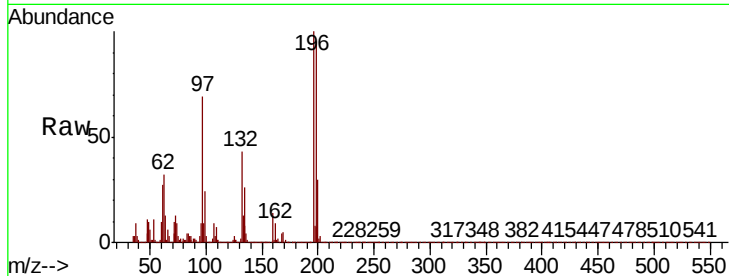




#43
 2,4,6-Trichlorophenol
 Concen: 48.749 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

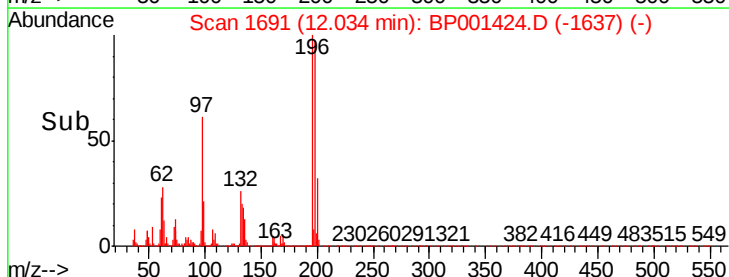
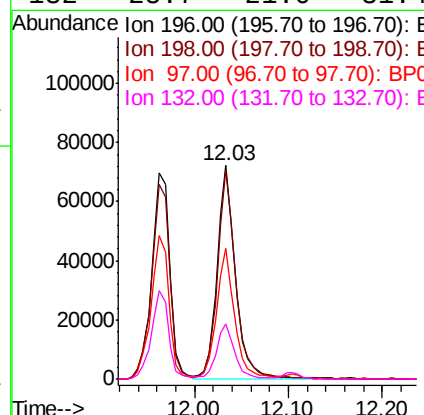
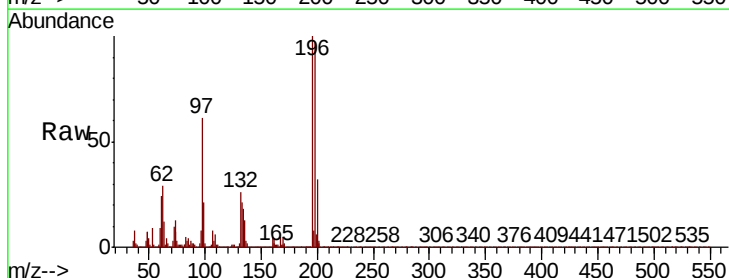
Instrument :
 BNA_P
 ClientSampleId :

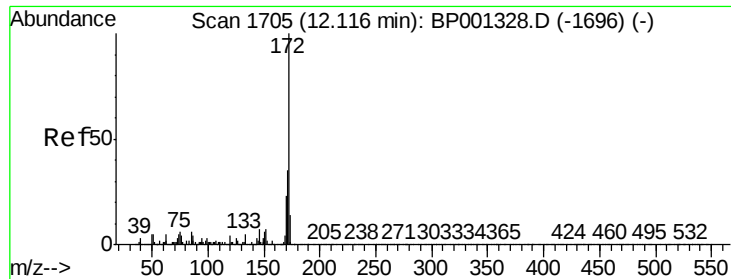
Tot Ion	196	Resp	92568
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.2	115.8
200	29.6	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 50.935 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.02 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

Tgt Ion	196	Resp	99374
Ion Ratio	Lower	Upper	
196	100		
198	97.5	75.8	113.6
97	61.0	46.1	69.1
132	25.7	21.0	31.4

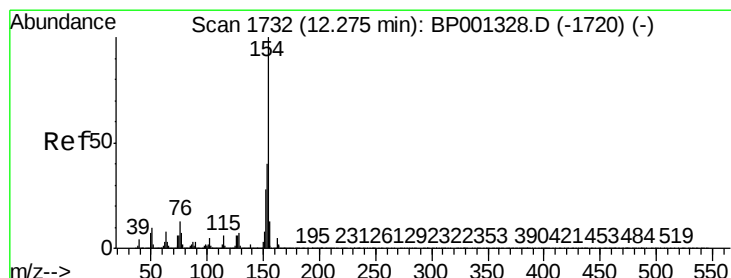
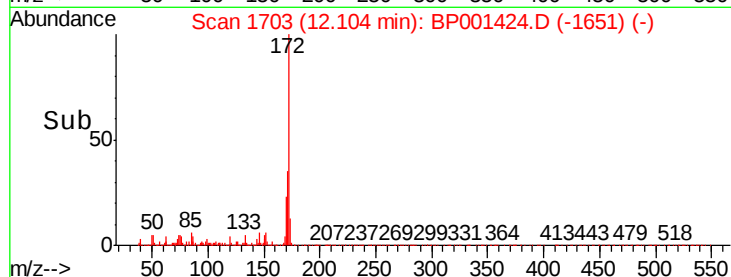
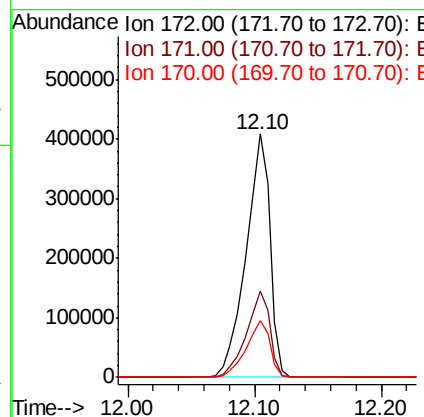
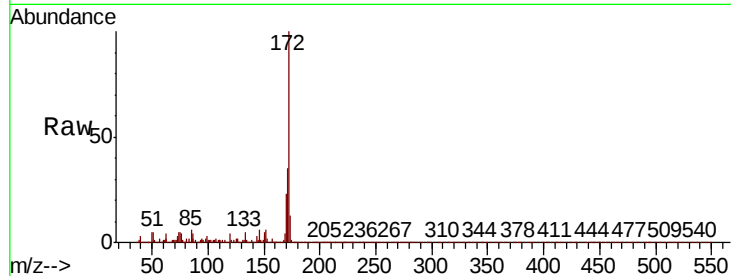




#45
2-Fluorobiphenyl
Concen: 80.746 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

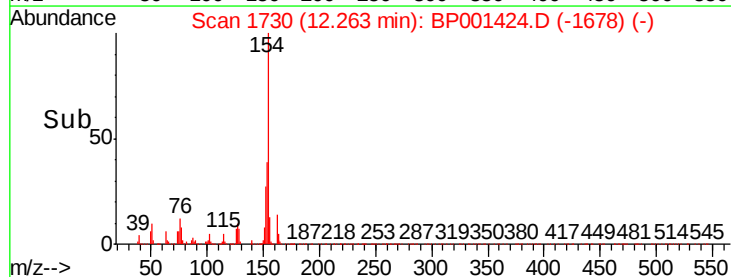
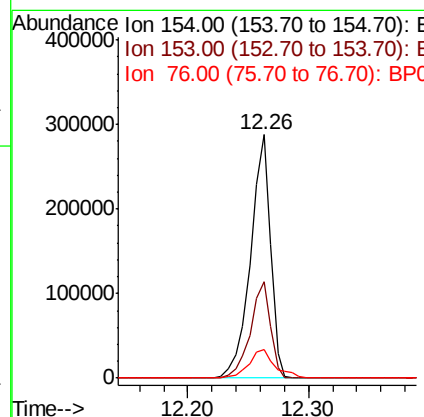
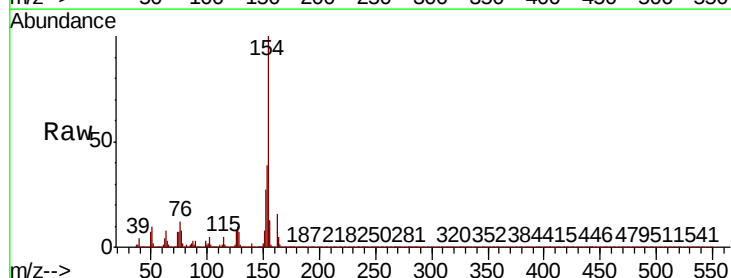
Instrument :
BNA_P
ClientSampleId :

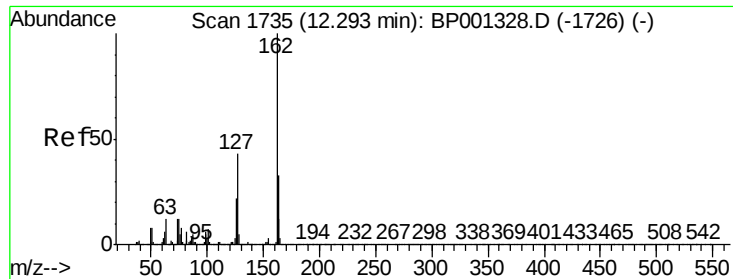
Tot Ion:172 Resp: 533234
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 23.2 18.2 27.4



#46
1,1'-Biphenyl
Concen: 47.588 ng
RT: 12.26 min Scan# 1730
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:154 Resp: 332545
Ion Ratio Lower Upper
154 100
153 39.4 19.5 59.5
76 12.0 0.0 31.5

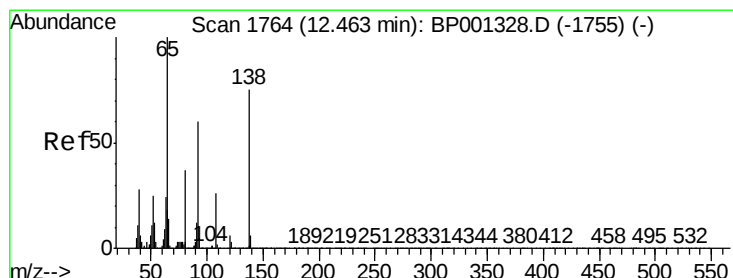
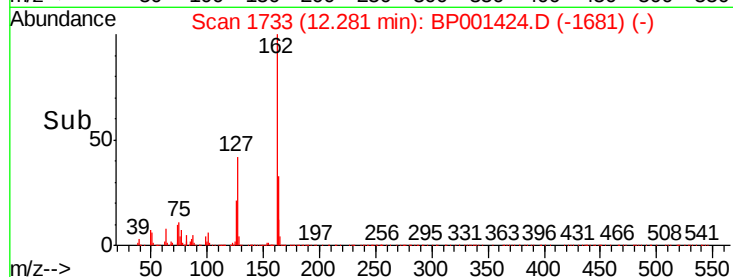
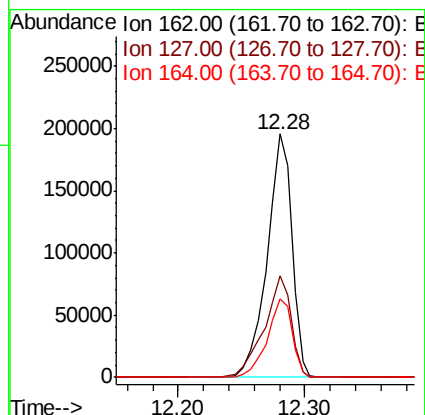
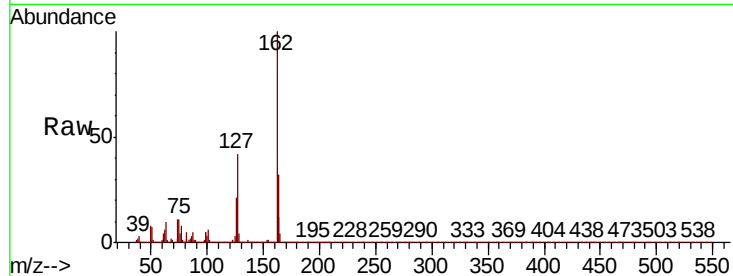




#47
2-Chloronaphthalene
Concen: 46.857 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

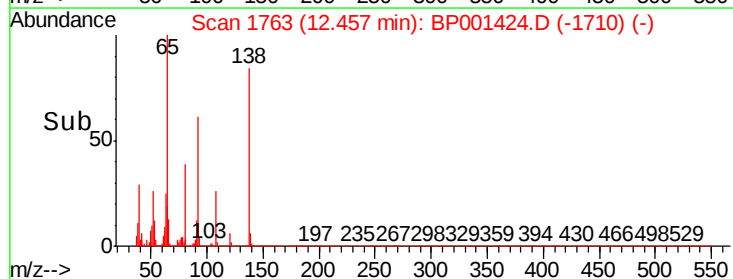
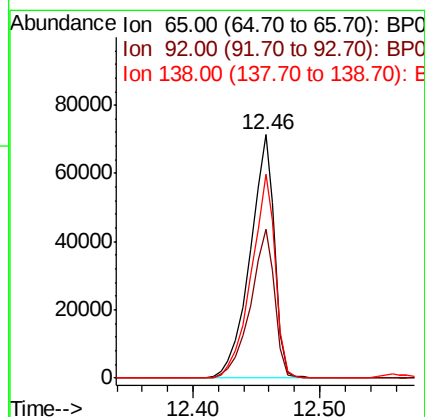
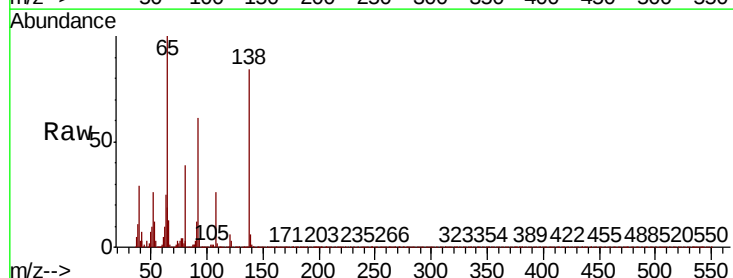
Instrument :
BNA_P
ClientSampled :

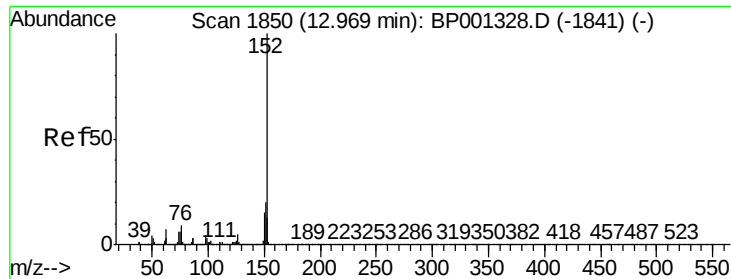
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.4	50.2
164	32.4	26.0	39.0



#48
2-Nitroaniline
Concen: 42.443 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.4	48.9	73.3
138	84.0	65.1	97.7





#49

Acenaphthylene

Concen: 49.354 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

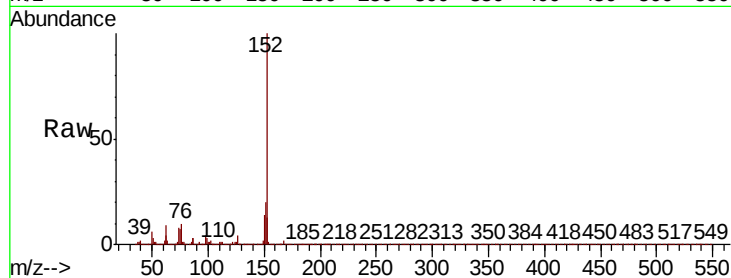
Tot Ion:152 Resp: 407570

Ion Ratio Lower Upper

152 100

151 19.8 15.6 23.4

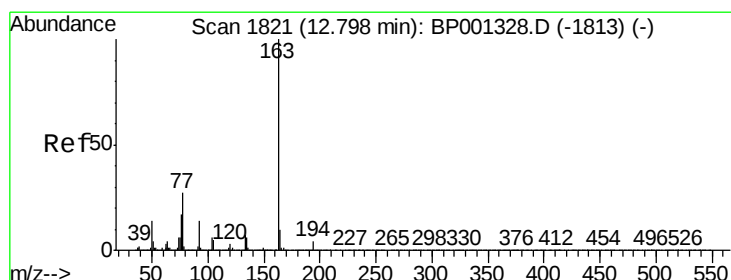
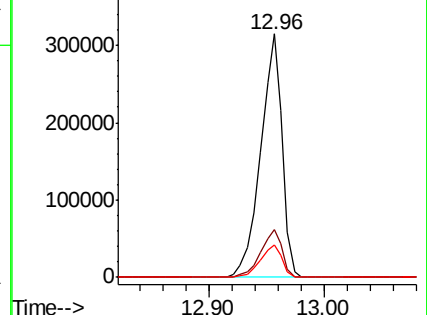
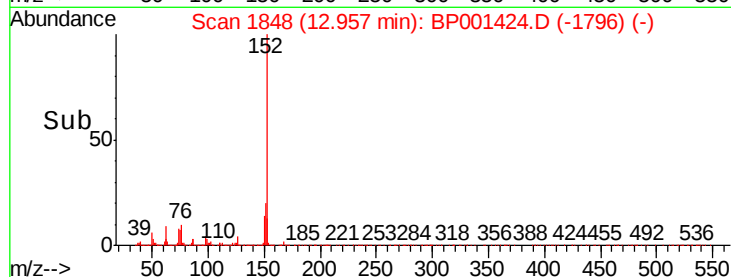
153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.939 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

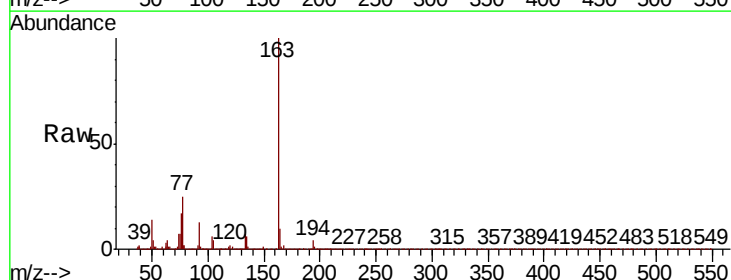
Tgt Ion:163 Resp: 335263

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

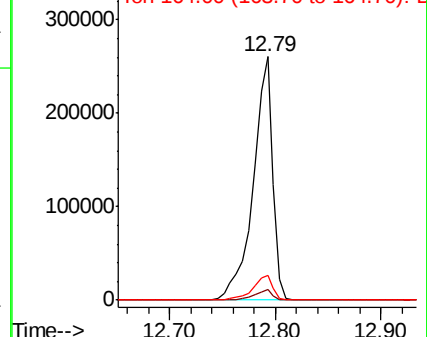
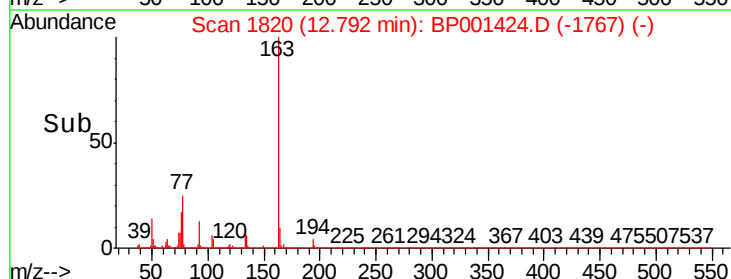
164 10.2 7.7 11.5

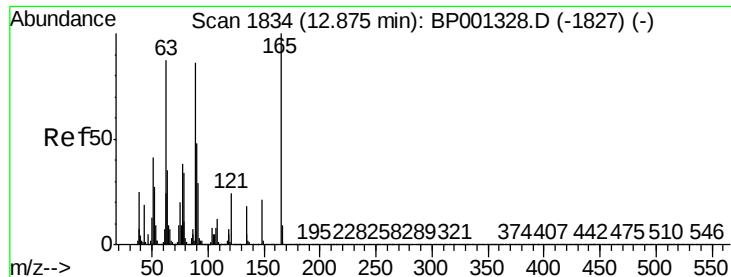


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

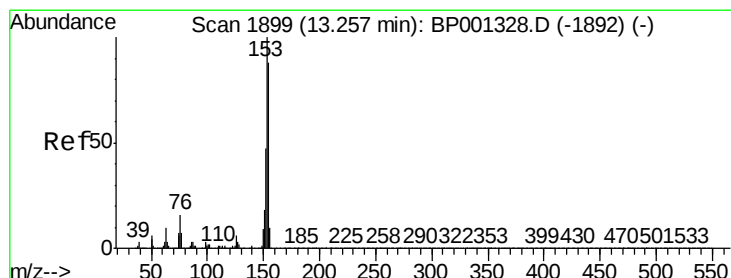
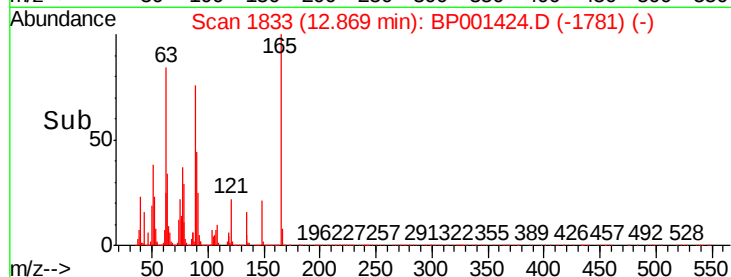
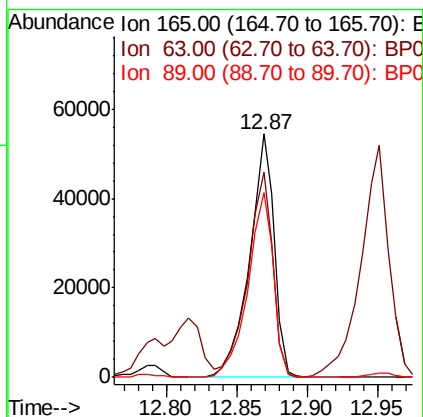
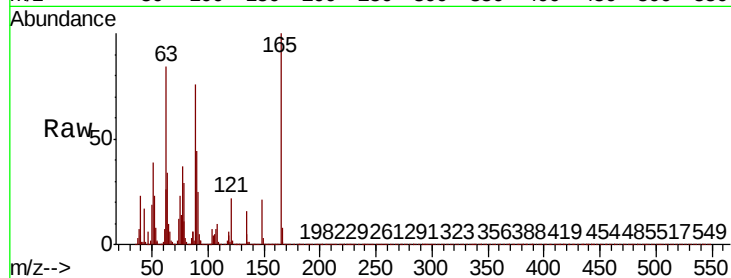




#51
2,6-Dinitrotoluene
Concen: 47.949 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

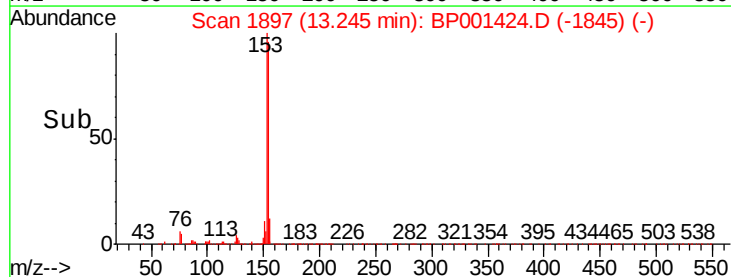
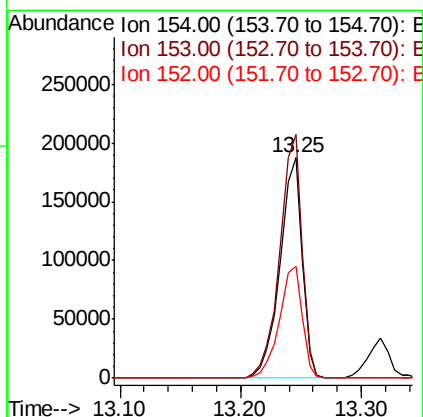
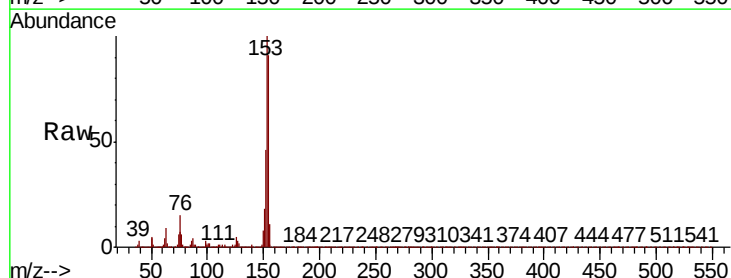
Instrument :
BNA_P
ClientSampleId :

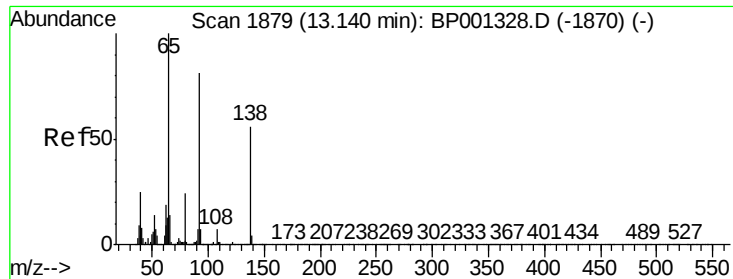
Tot Ion:165 Resp: 66699
Ion Ratio Lower Upper
165 100
63 84.2 60.7 91.1
89 75.9 55.4 83.0



#52
Acenaphthene
Concen: 47.493 ng
RT: 13.25 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:154 Resp: 236303
Ion Ratio Lower Upper
154 100
153 110.5 90.1 135.1
152 50.9 41.8 62.6

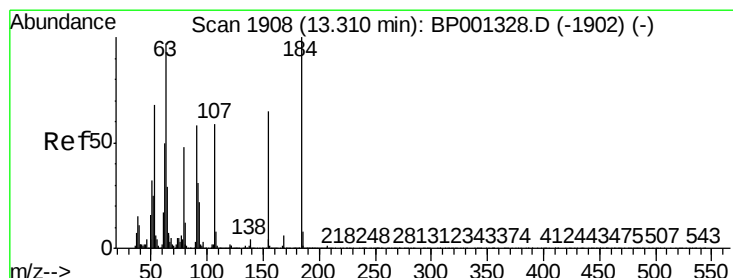
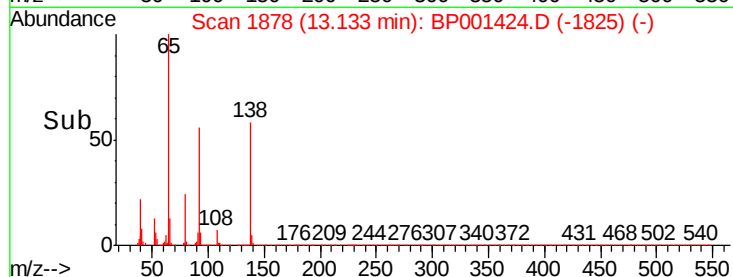
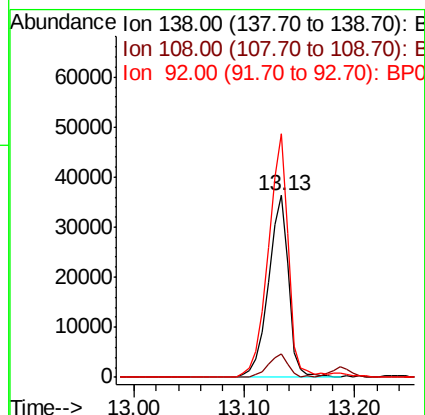
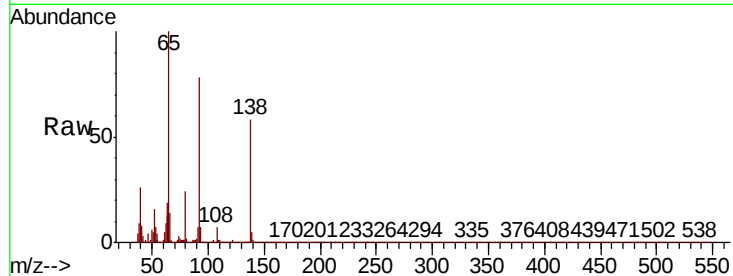




#53
3-Nitroaniline
Concen: 31.293 ng
RT: 13.13 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

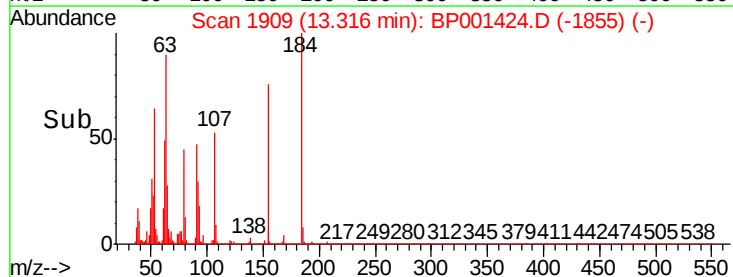
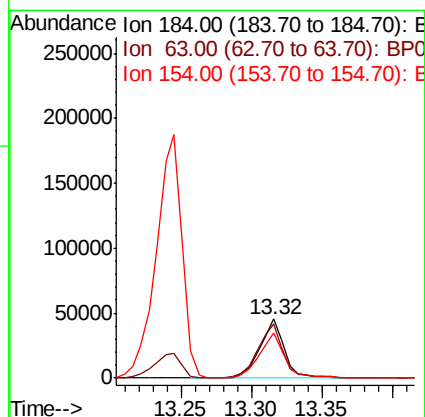
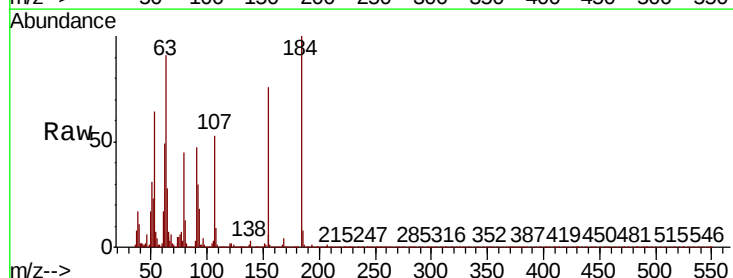
Instrument :
BNA_P
ClientSampleId :

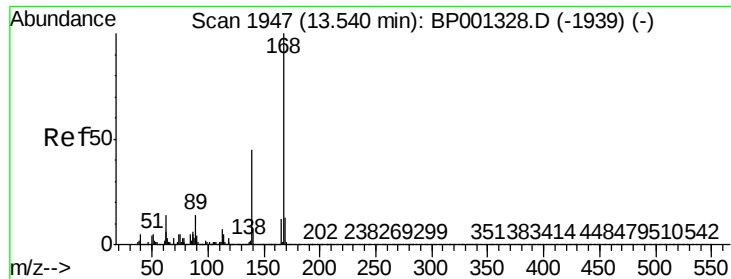
Tot Ion:138 Resp: 46722
Ion Ratio Lower Upper
138 100
108 12.9 10.0 15.0
92 134.1 108.8 163.2



#54
2,4-Dinitrophenol
Concen: 103.357 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:184 Resp: 55517
Ion Ratio Lower Upper
184 100
63 90.5 69.5 104.3
154 75.6 58.5 87.7

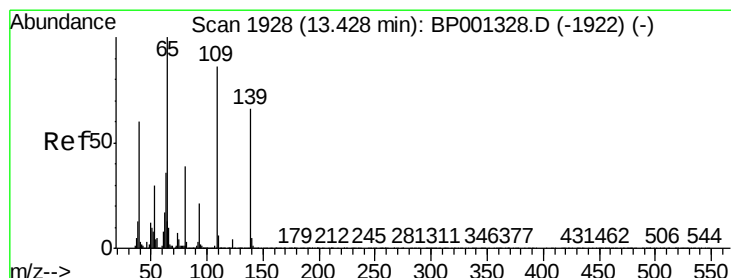
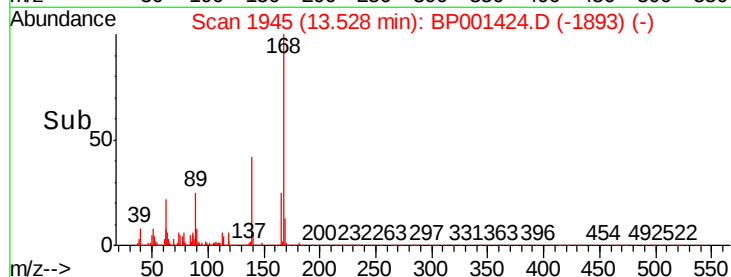
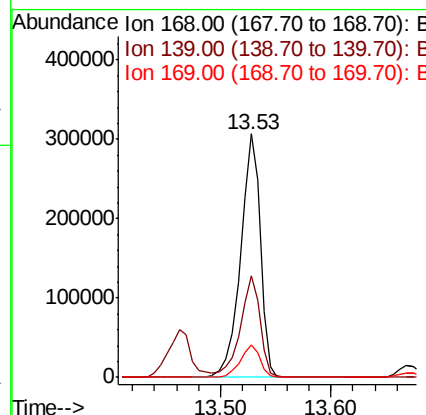
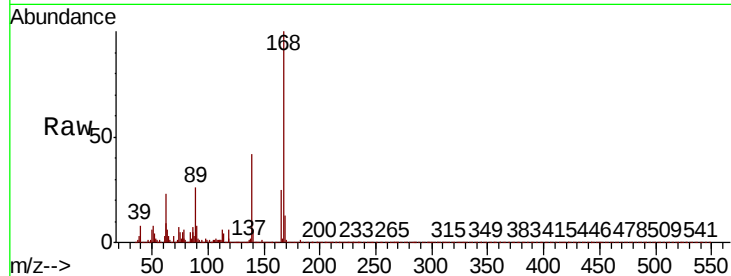




#55
Dibenzofuran
Concen: 49.313 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

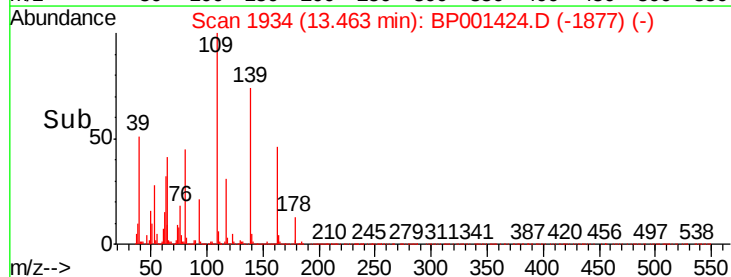
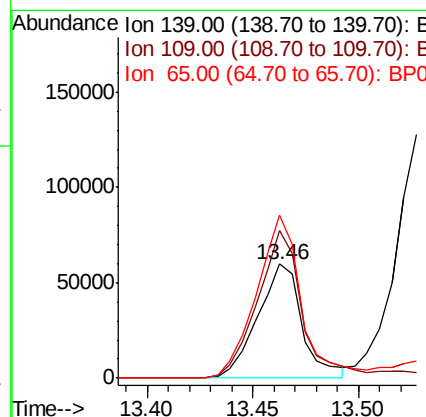
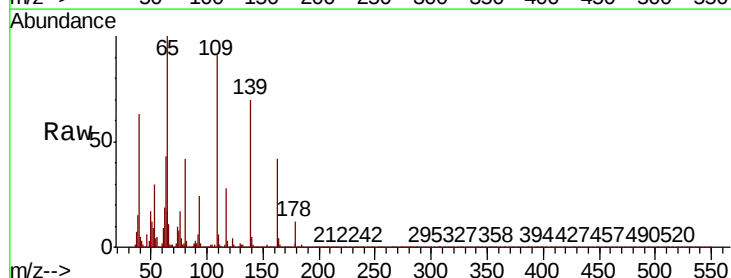
Instrument :
BNA_P
ClientSampleId :

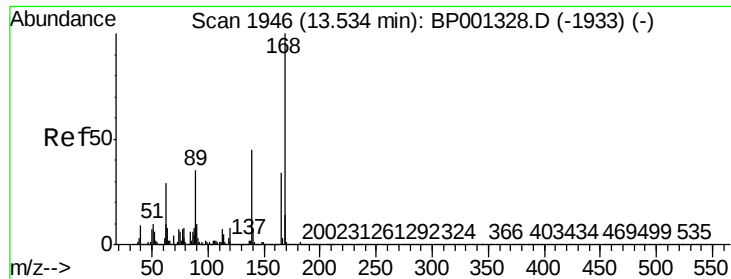
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.0	49.4
169	13.1	10.6	16.0



#56
4-Nitrophenol
Concen: 82.118 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.04 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	129.8	99.7	139.7
65	142.4	115.0	155.0

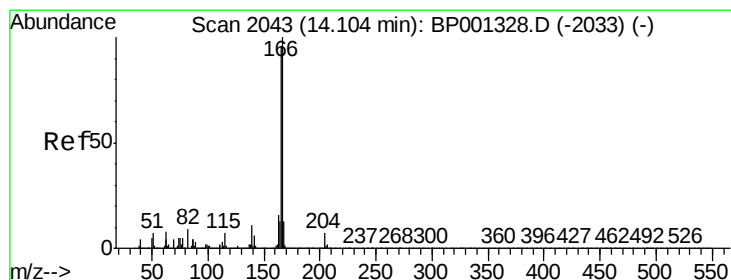
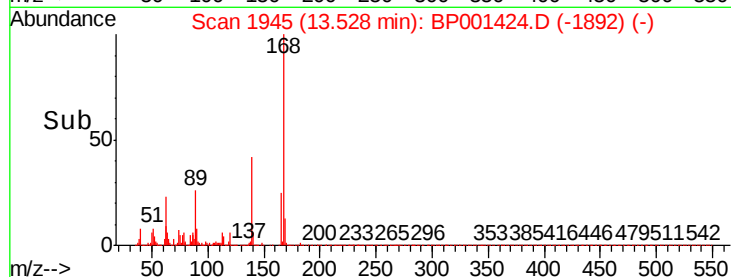
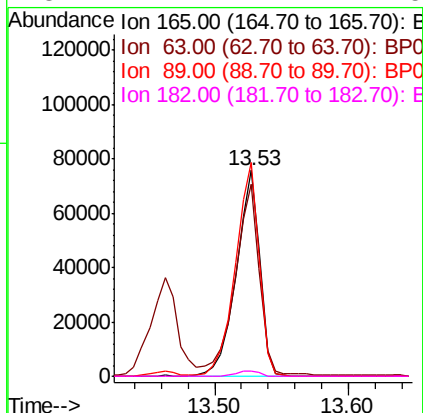
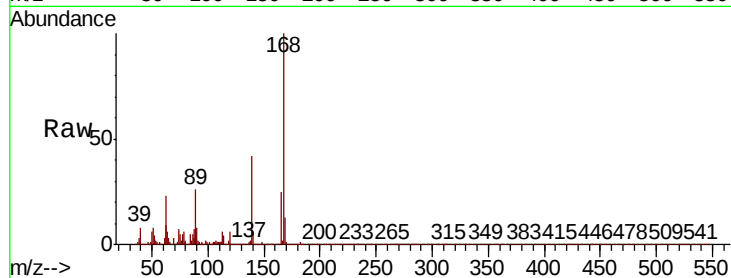




#57
2,4-Dinitrotoluene
Concen: 47.659 ng
RT: 13.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

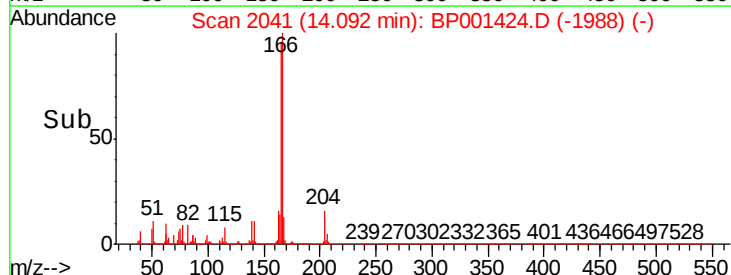
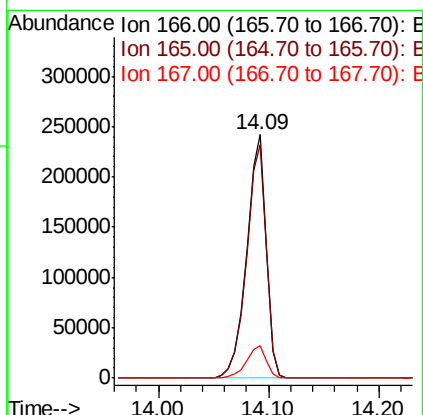
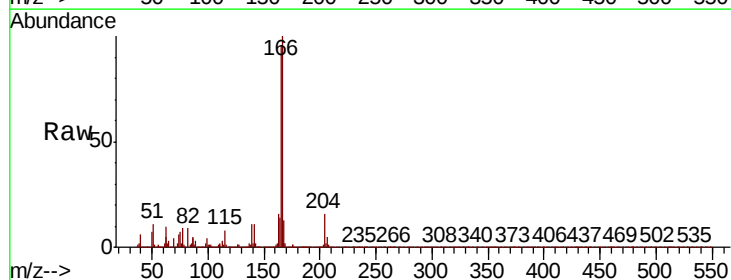
Instrument :
BNA_P
ClientSampleId :

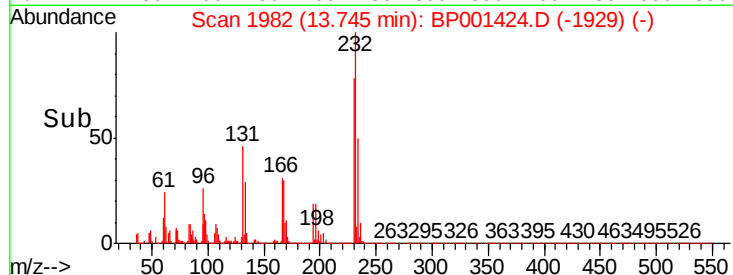
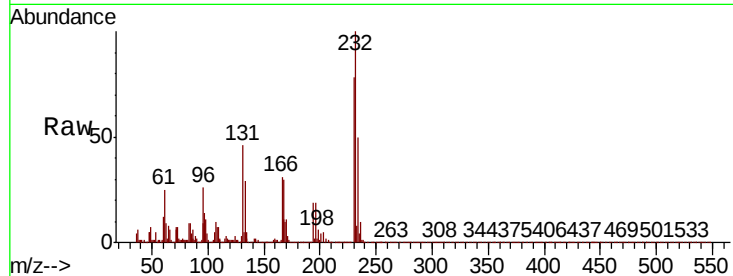
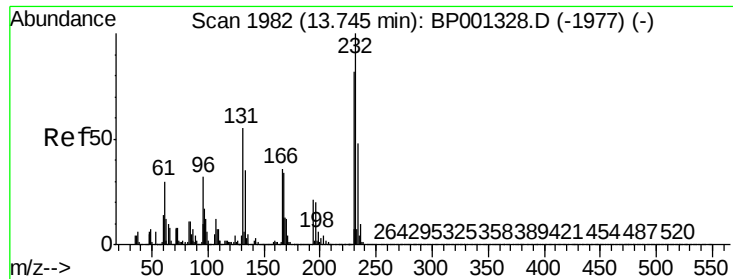
Tot Ion:165 Resp: 92144
Ion Ratio Lower Upper
165 100
63 93.2 66.6 100.0
89 103.7 79.5 119.3
182 2.7 1.7 2.5#



#58
Fluorene
Concen: 47.893 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:166 Resp: 298626
Ion Ratio Lower Upper
166 100
165 96.1 76.6 114.8
167 13.4 11.0 16.4

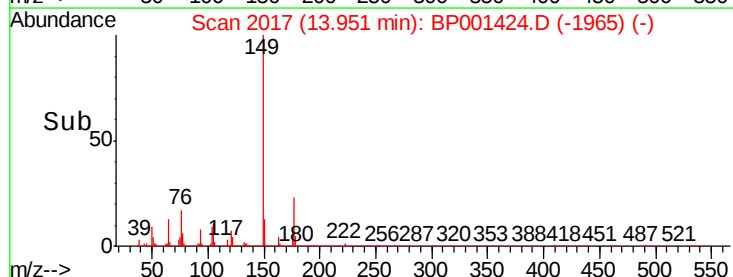
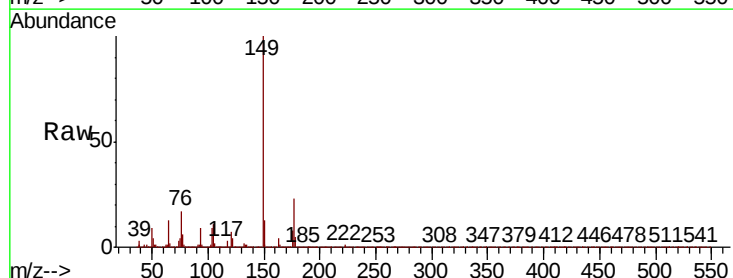
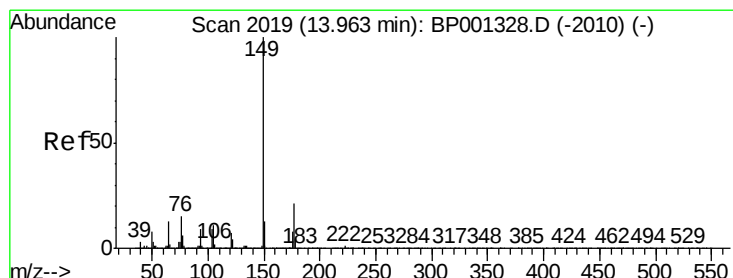
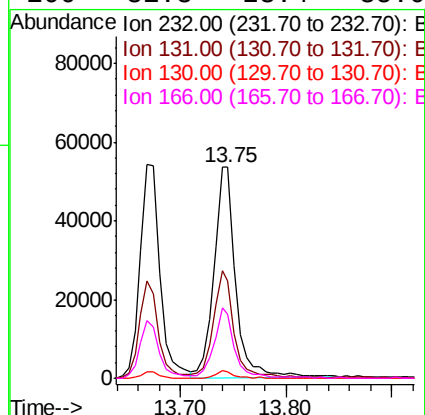




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.112 ng
RT: 13.75 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

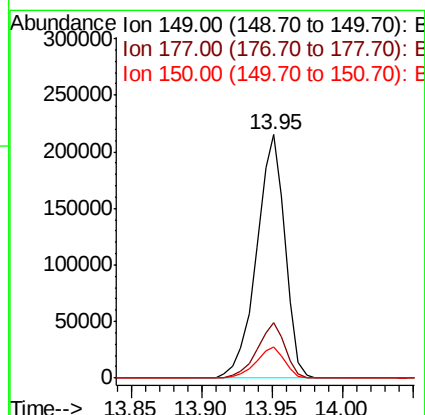
Instrument :
BNA_P
ClientSampleId :

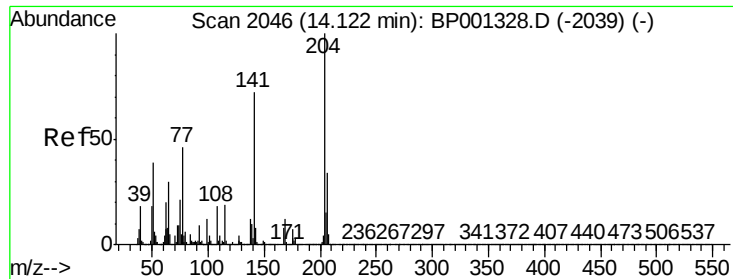
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	34.2	51.4
130	2.9	2.1	3.1
166	31.3	23.4	35.0



#60
Diethylphthalate
Concen: 42.881 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.8	26.6
150	12.8	9.7	14.5

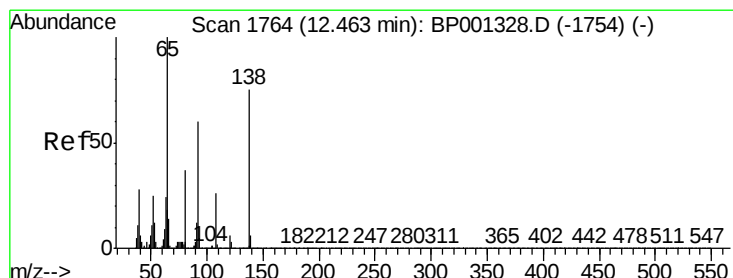
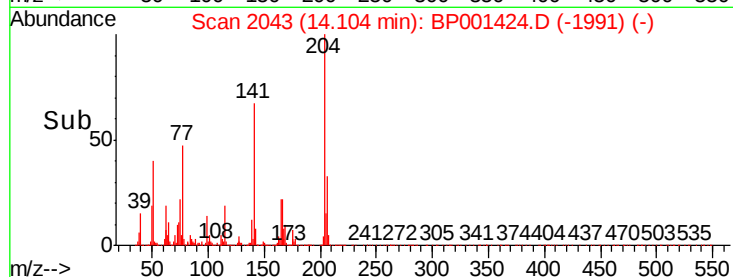
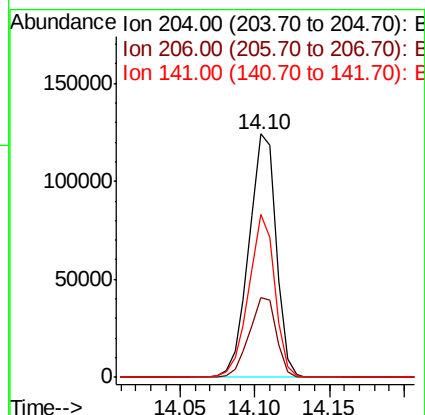
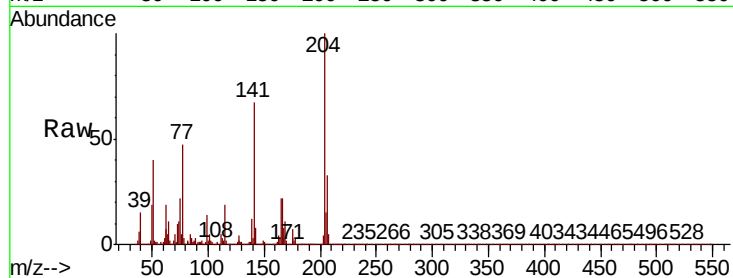




#61
4-Chlorophenyl-phenylether
Concen: 47.595 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

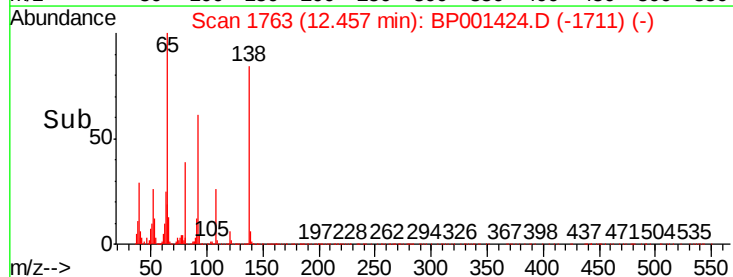
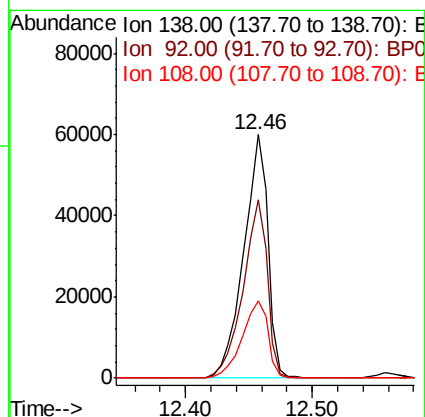
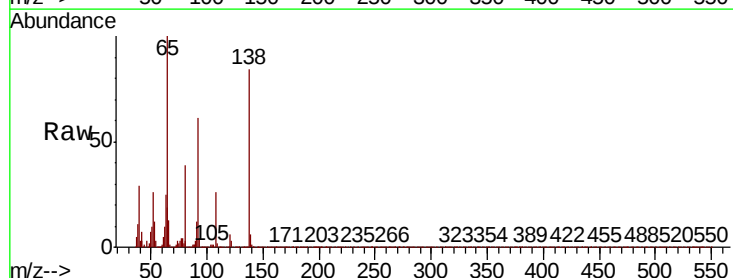
Instrument :
BNA_P
ClientSampleId :

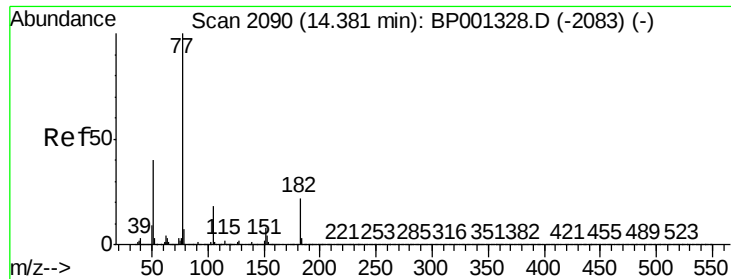
Tot Ion:204 Resp: 156004
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 67.1 50.6 75.8



#62
4-Nitroaniline
Concen: 45.994 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:138 Resp: 79522
Ion Ratio Lower Upper
138 100
92 73.0 45.4 85.4
108 31.5 11.4 51.4





#63

Azobenzene

Concen: 43.510 ng

RT: 14.37 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 323659

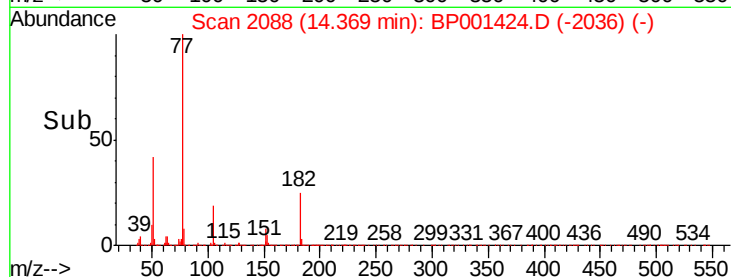
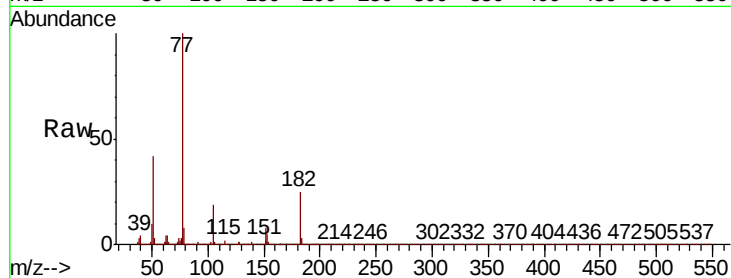
Ion Ratio Lower Upper

77 100

182 24.7 5.8 45.8

105 19.3 0.0 38.8

51 42.1 20.0 60.0

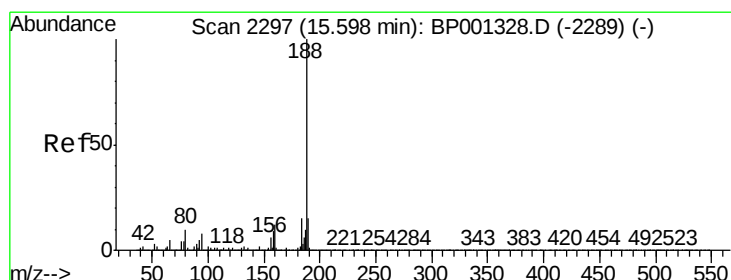
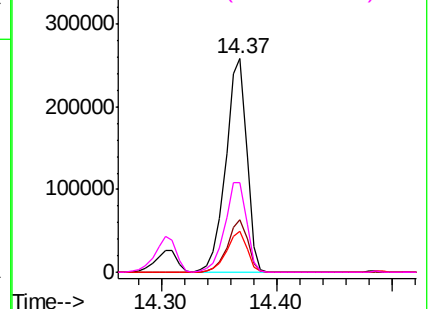


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

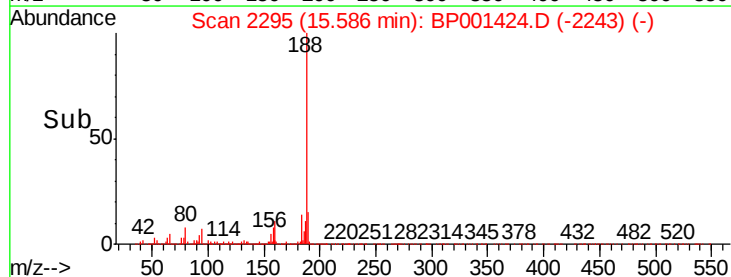
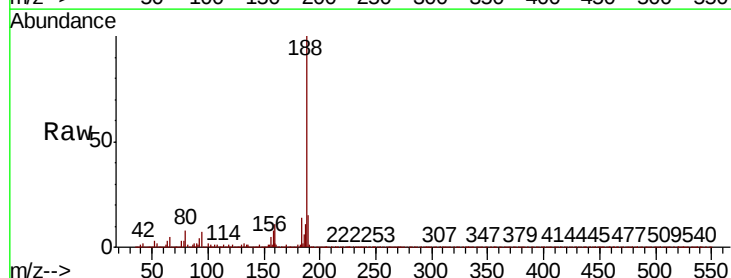
Tgt Ion: 188 Resp: 157386

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

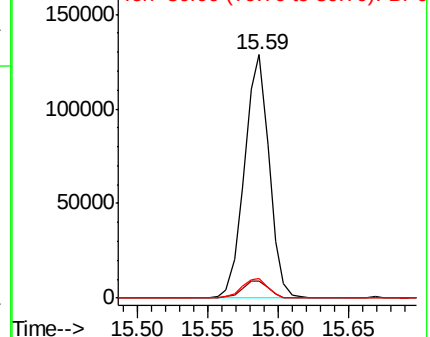
80 7.9 5.7 8.5

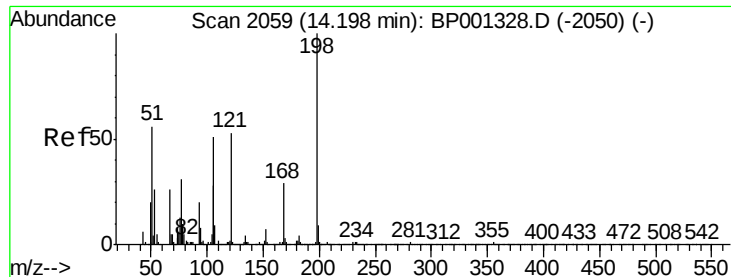


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

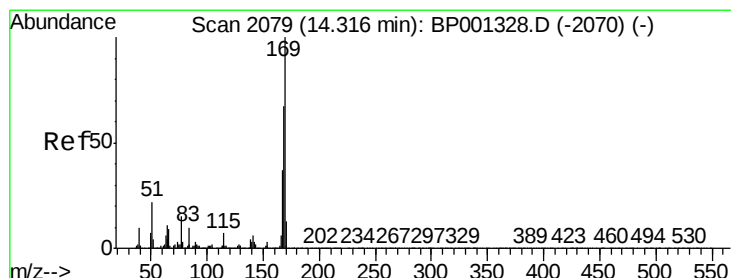
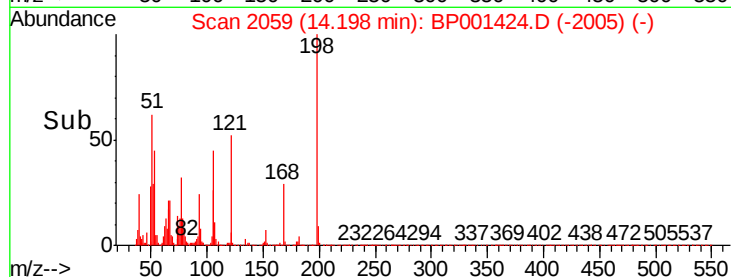
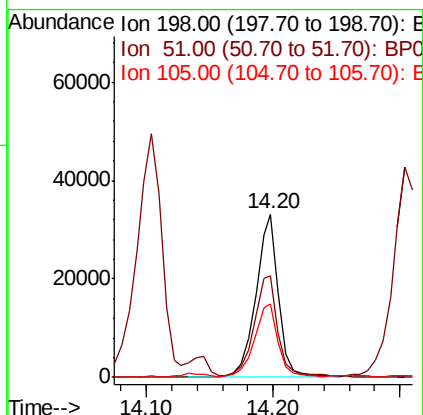
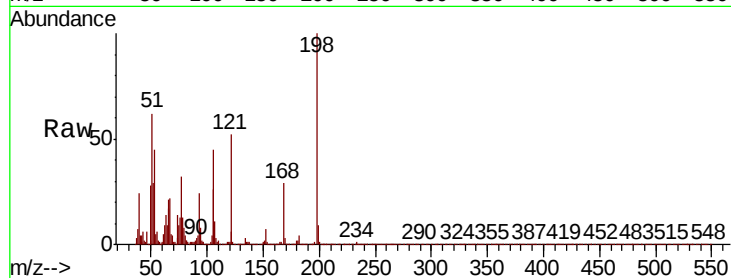




#65
4,6-Dinitro-2-methylphenol
Concen: 58.643 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

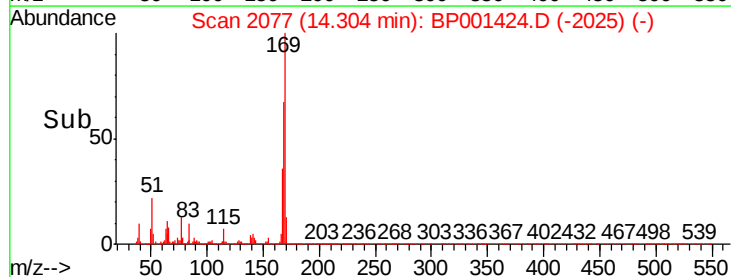
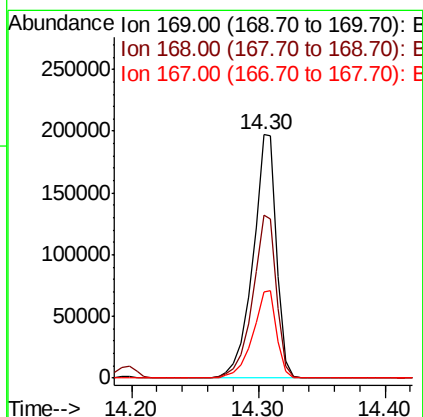
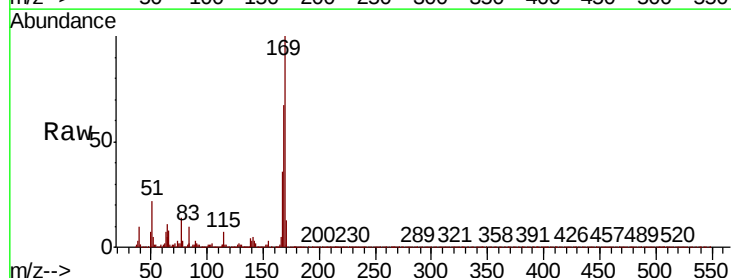
Instrument :
BNA_P
ClientSampleId :

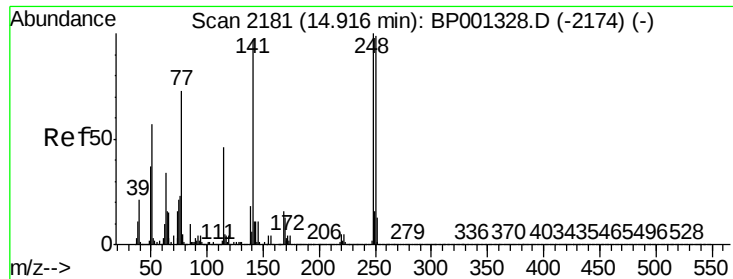
Tot Ion	Ratio	Lower	Upper
198	100		
51	61.8	42.2	82.2
105	44.8	21.5	61.5



#66
n-Nitrosodiphenylamine
Concen: 51.396 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.2	81.2
167	35.6	29.3	43.9

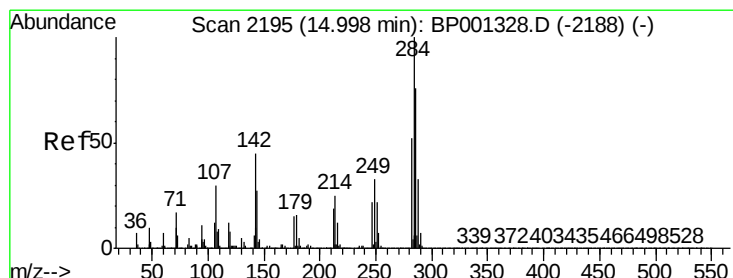
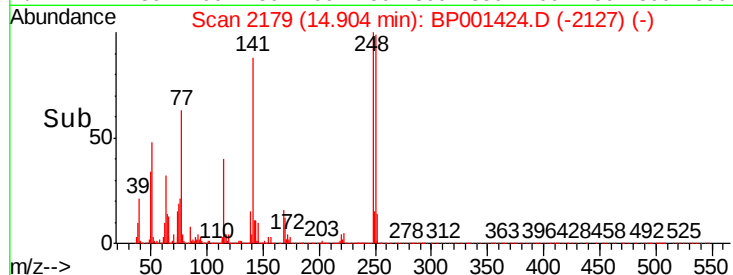
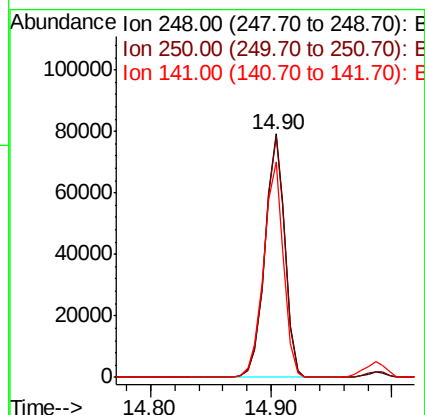
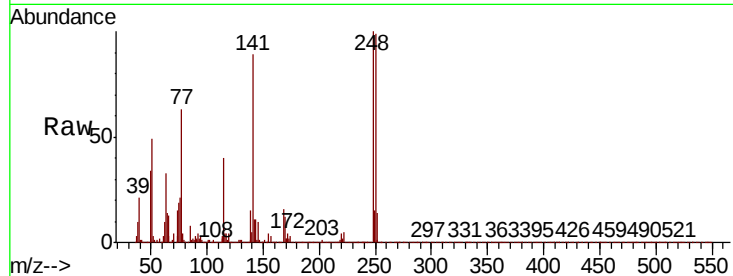




#67
4-Bromophenyl-phenylether
Concen: 48.725 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

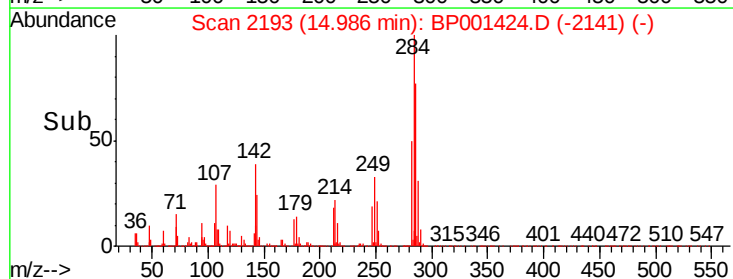
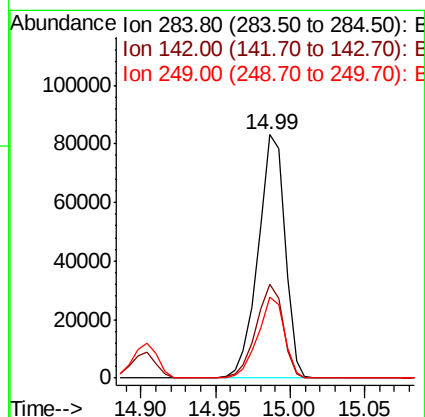
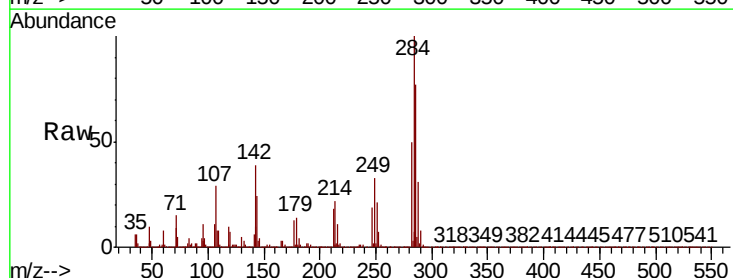
Instrument :
BNA_P
ClientSampleId :

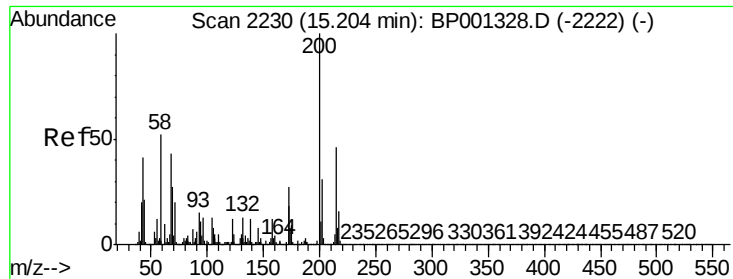
Tot Ion:248 Resp: 90667
Ion Ratio Lower Upper
248 100
250 98.8 76.2 114.4
141 88.6 60.7 91.1



#68
Hexachlorobenzene
Concen: 48.485 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:284 Resp: 102709
Ion Ratio Lower Upper
284 100
142 38.8 28.7 43.1
249 33.1 27.0 40.4

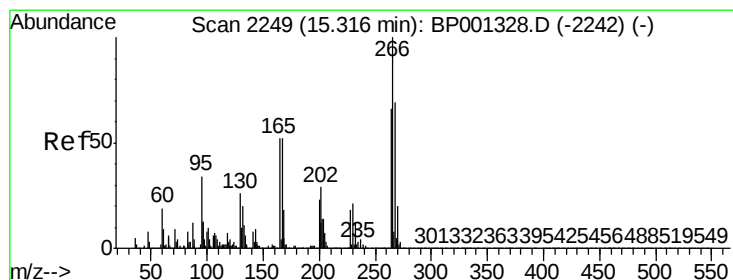
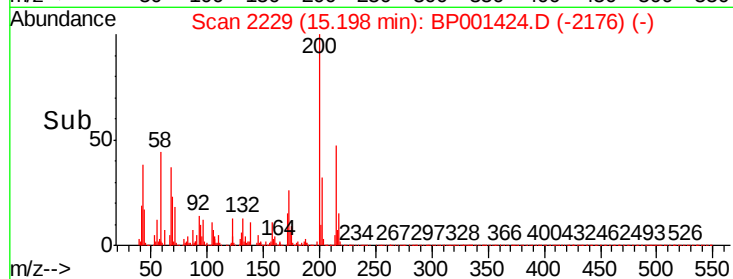
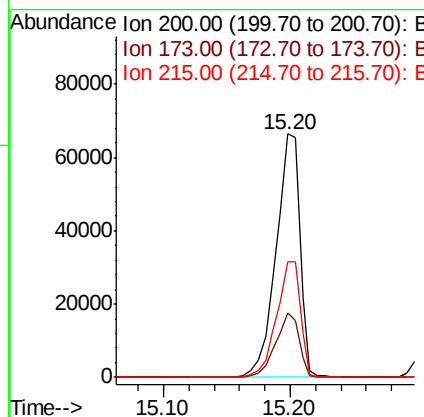
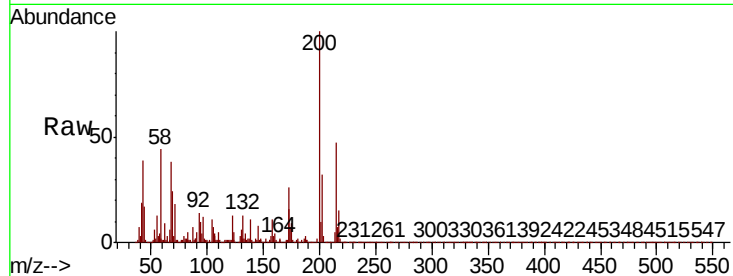




#69
Atrazine
Concen: 48.201 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

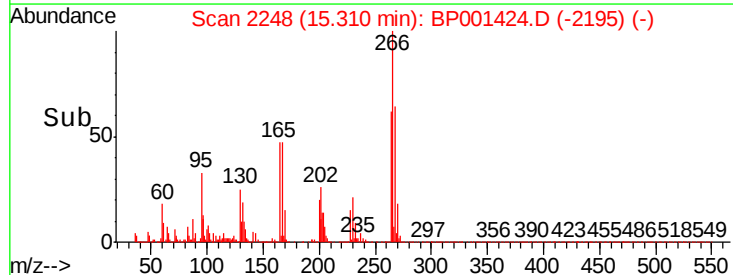
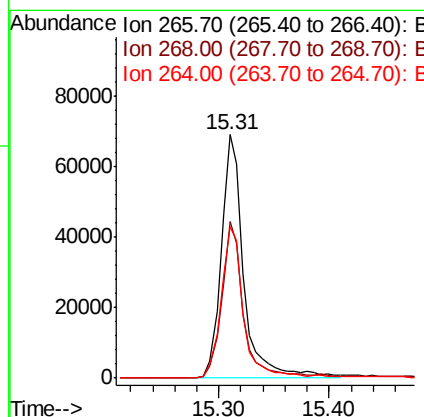
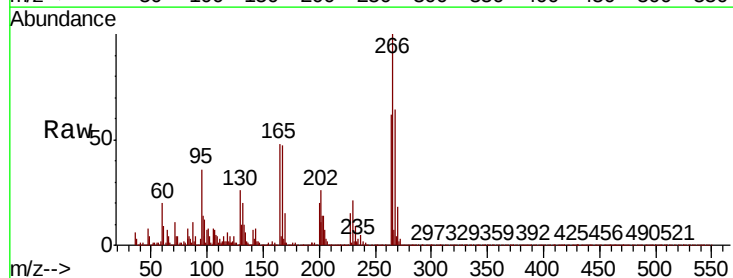
Instrument :
BNA_P
ClientSampled :

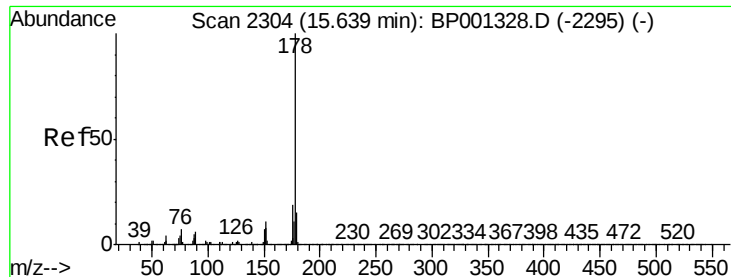
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	3.9	43.9
215	47.3	26.1	66.1



#70
Pentachlorophenol
Concen: 89.701 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	57.0	85.4
264	62.0	50.8	76.2

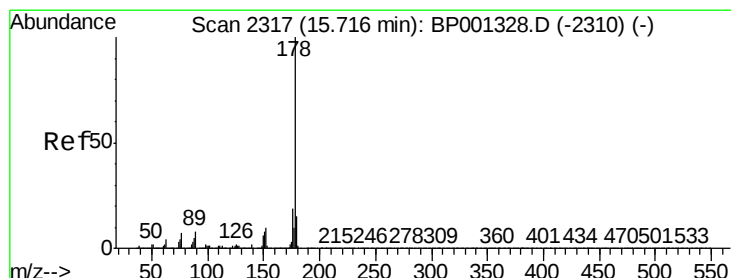
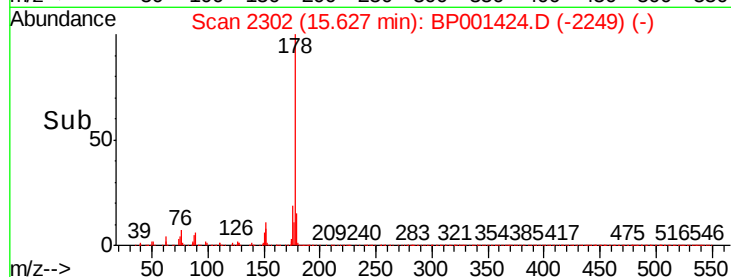
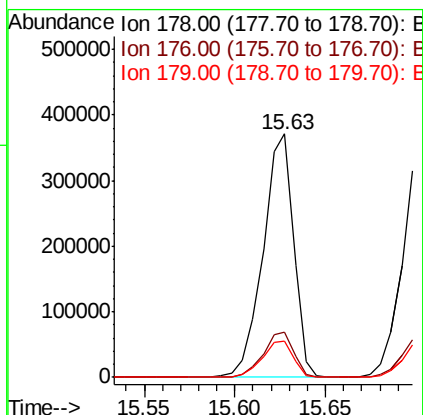
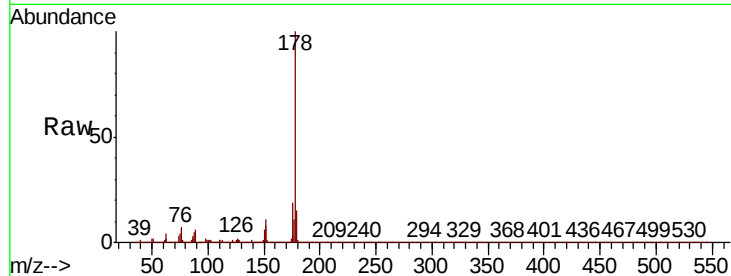




#71
Phenanthrene
Concen: 48.467 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

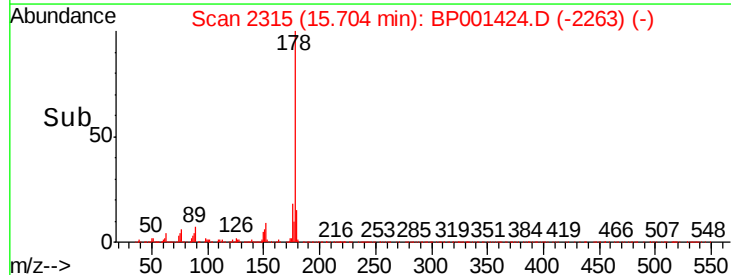
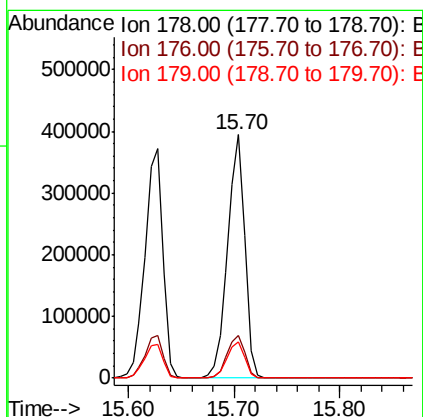
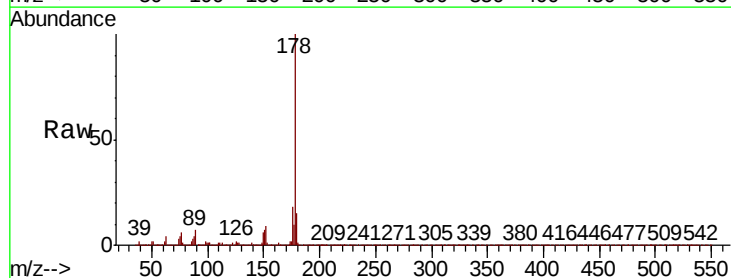
Instrument :
BNA_P
ClientSampleId :

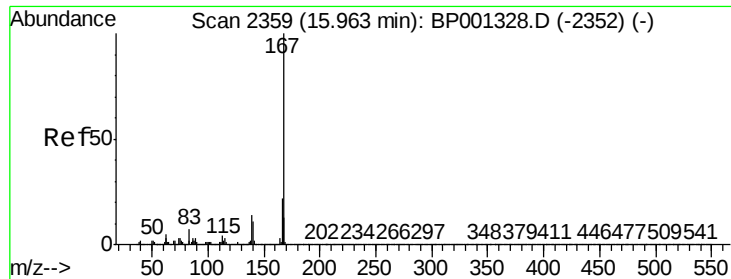
Tot Ion:178 Resp: 435203
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 14.8 12.2 18.2



#72
Anthracene
Concen: 50.017 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:178 Resp: 444598
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.1 11.8 17.8

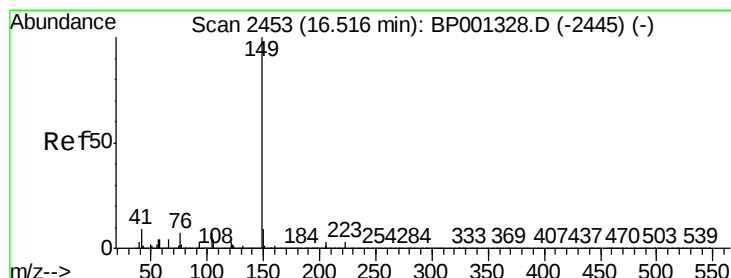
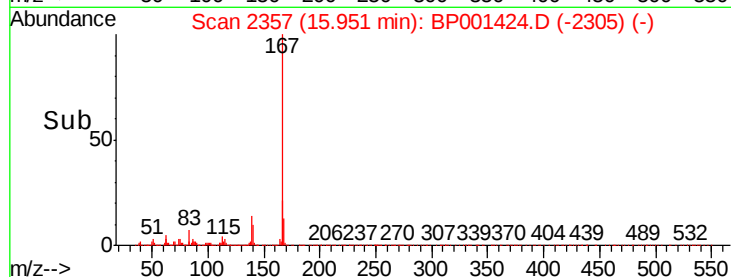
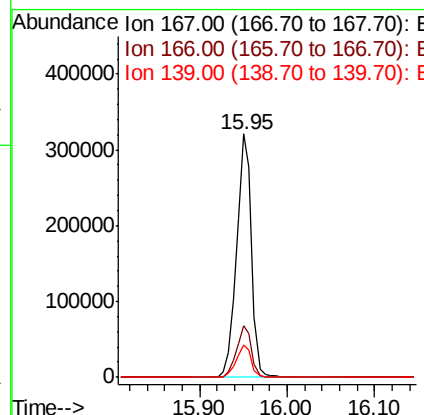
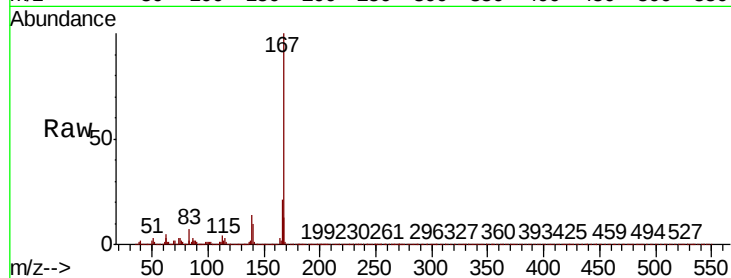




#73
 Carbazole
 Concen: 47.067 ng
 RT: 15.95 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

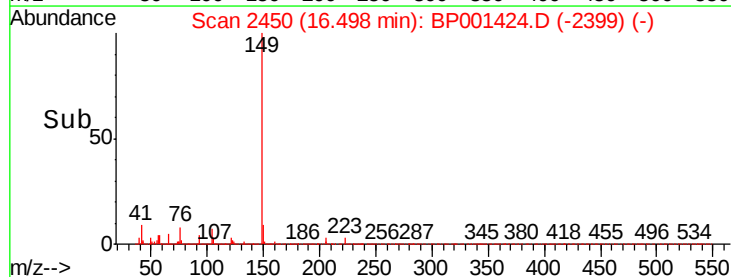
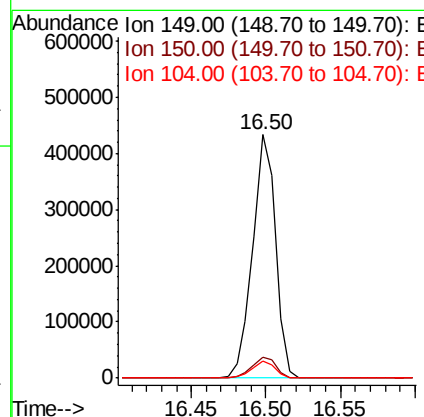
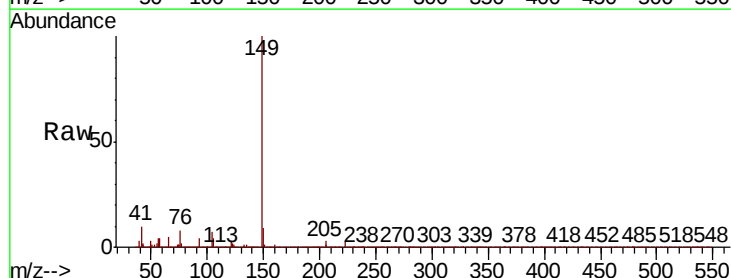
Instrument :
 BNA_P
 ClientSampleId :

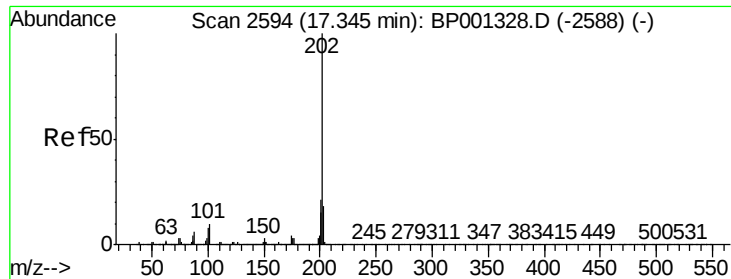
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	13.6	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 42.157 ng
 RT: 16.50 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.0	10.6
104	7.2	5.2	7.8





#75

Fluoranthene

Concen: 46.162 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001424.D

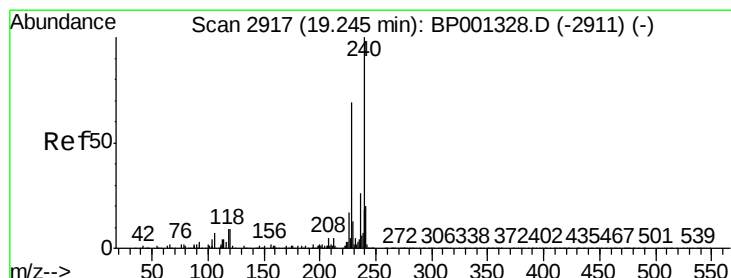
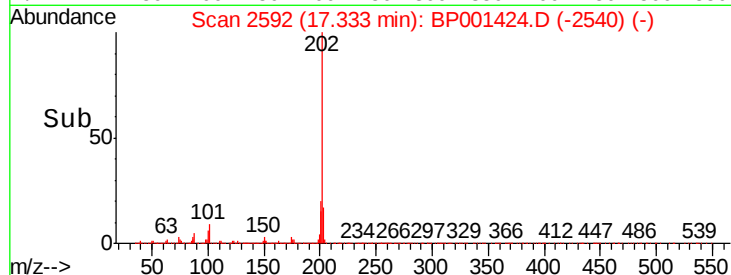
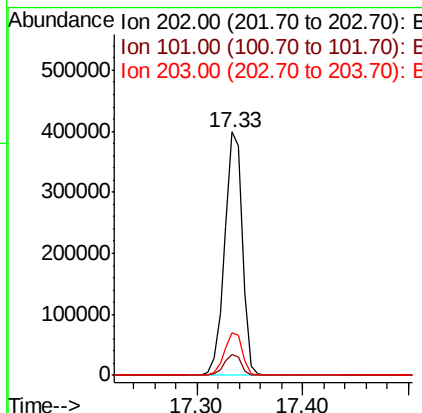
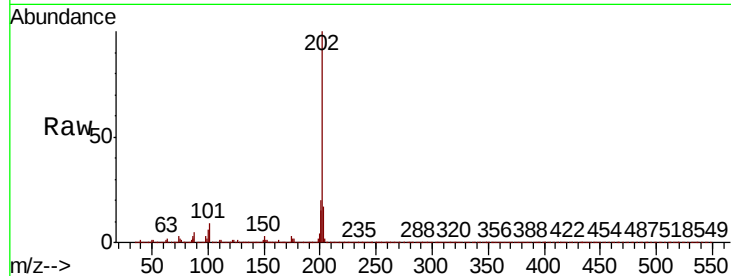
Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	463488
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	28.7
203	17.4	0.0	37.4



#76

Chrysene-d12

Concen: 20.000 ng

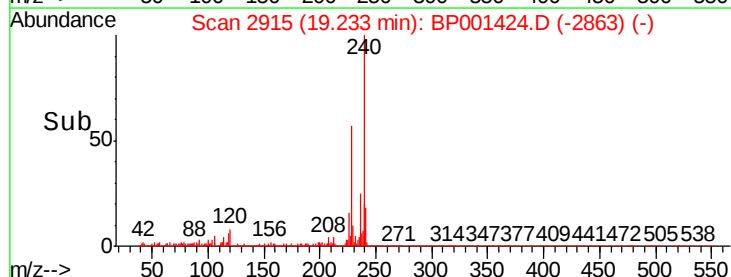
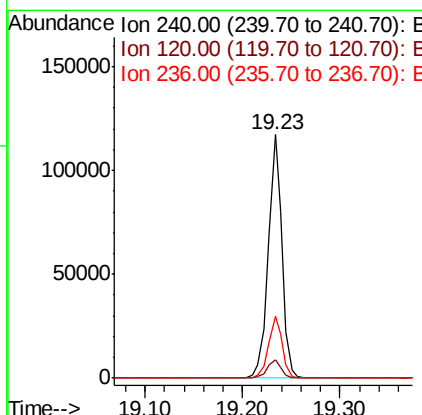
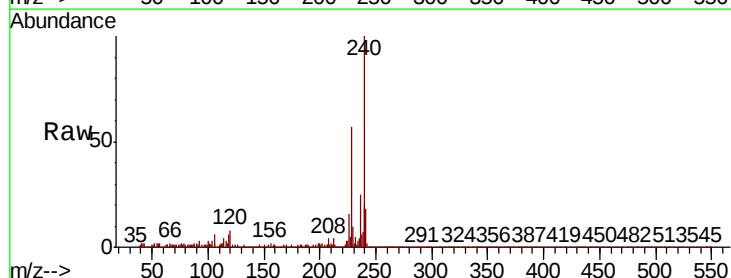
RT: 19.23 min Scan# 2915

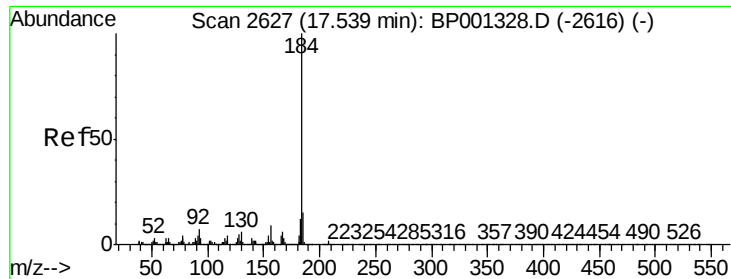
Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Tgt Ion:	240	Resp:	115420
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.2	9.2
236	25.3	20.2	30.2





#77

Benzidine

Concen: 62.068 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

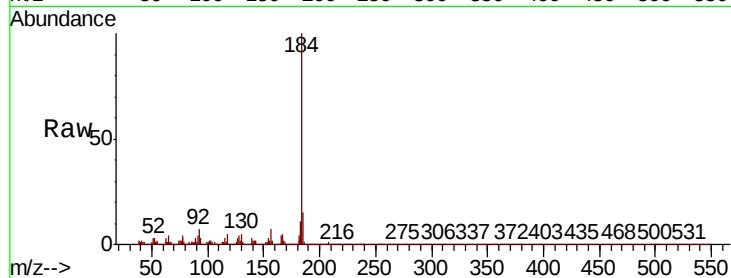
Tot Ion:184 Resp: 208579

Ion Ratio Lower Upper

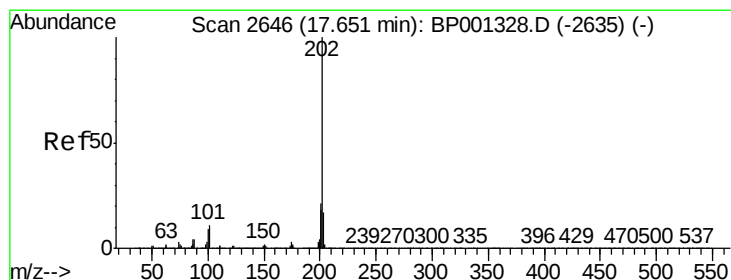
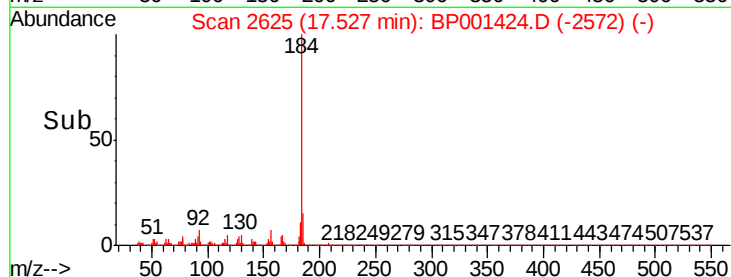
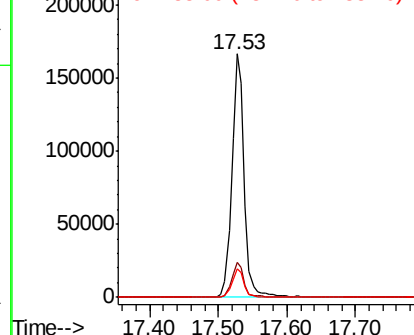
184 100

185 14.6 11.8 17.8

183 11.5 9.6 14.4



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



#78

Pyrene

Concen: 51.301 ng

RT: 17.64 min Scan# 2644

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

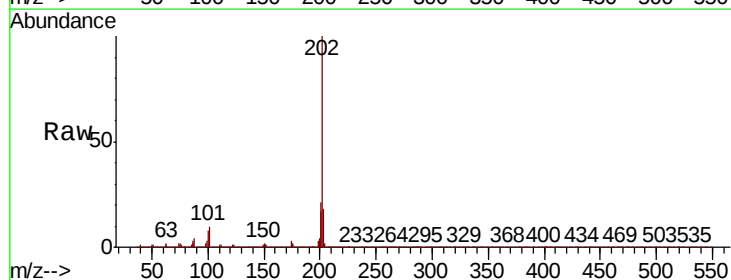
Tgt Ion:202 Resp: 459738

Ion Ratio Lower Upper

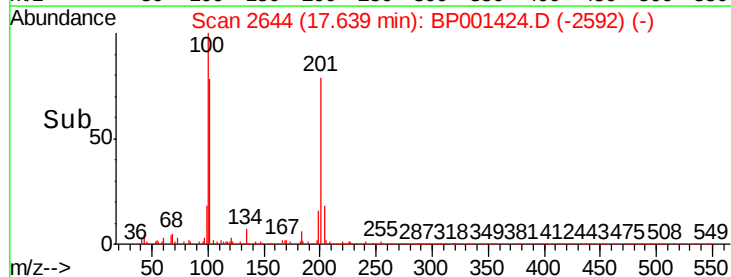
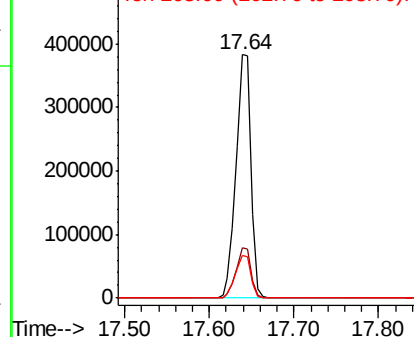
202 100

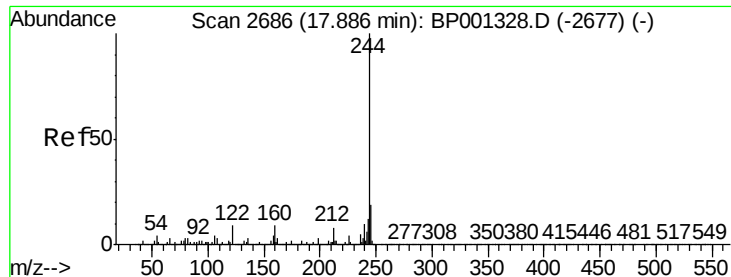
200 20.9 16.6 25.0

203 17.7 14.3 21.5



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: 85.582 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

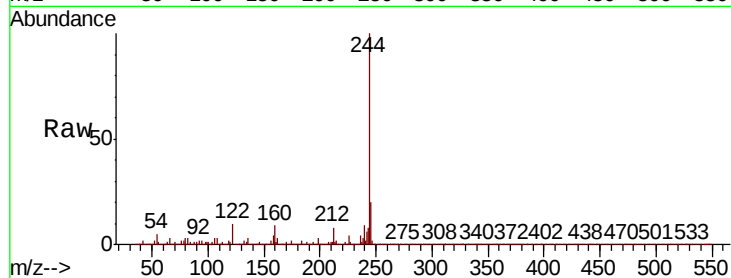
Tot Ion:244 Resp: 576720

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

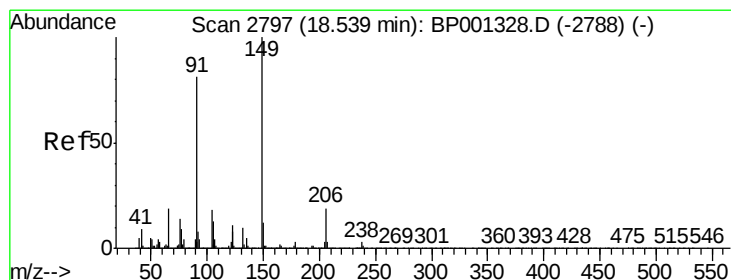
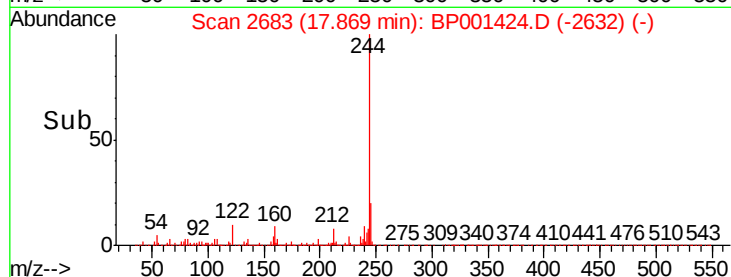
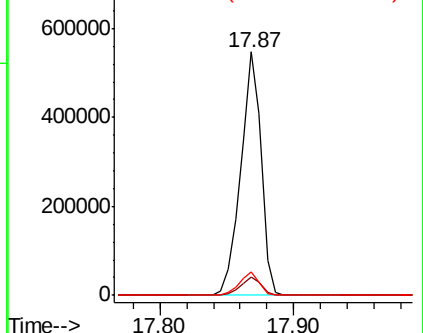
122 9.7 6.4 9.6#



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: 43.558 ng

RT: 18.52 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

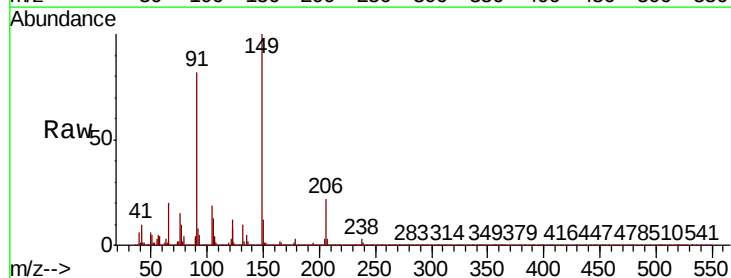
Tgt Ion:149 Resp: 181983

Ion Ratio Lower Upper

149 100

91 82.5 59.8 89.6

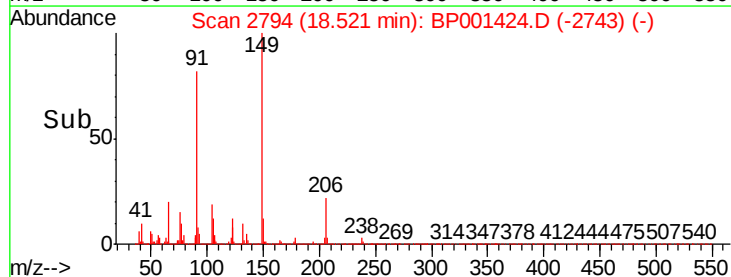
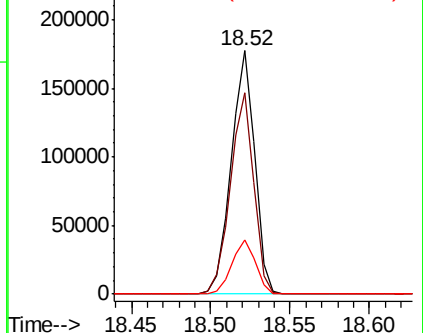
206 22.1 18.3 27.5

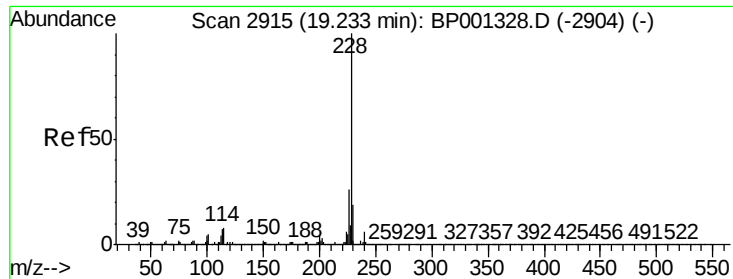


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

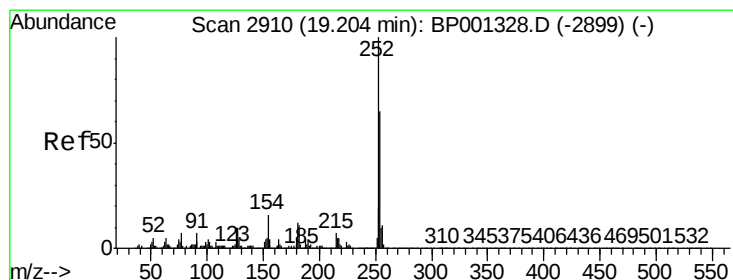
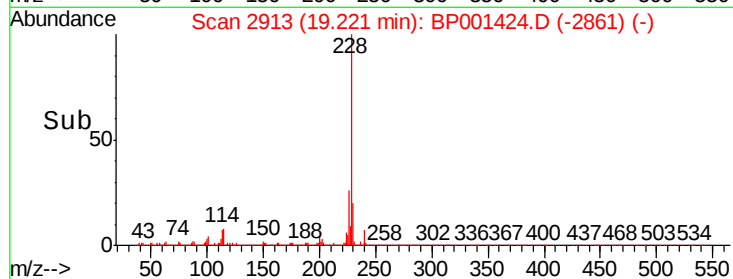
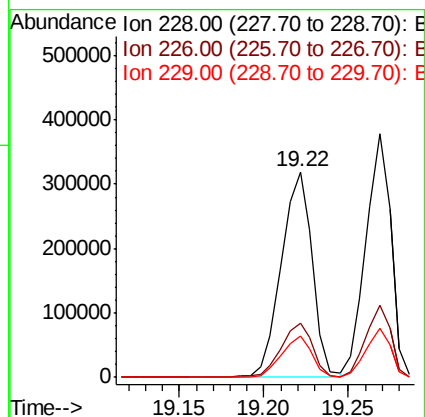
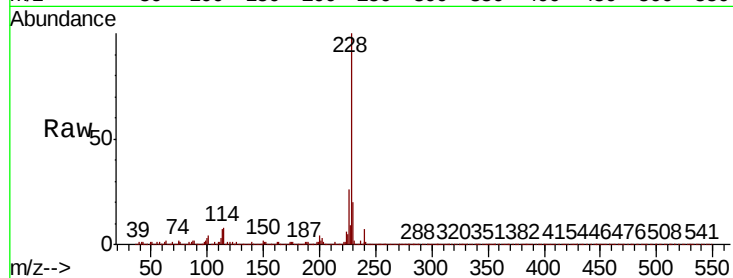




#81
Benzo(a)anthracene
Concen: 48.450 ng
RT: 19.22 min Scan# 2913
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

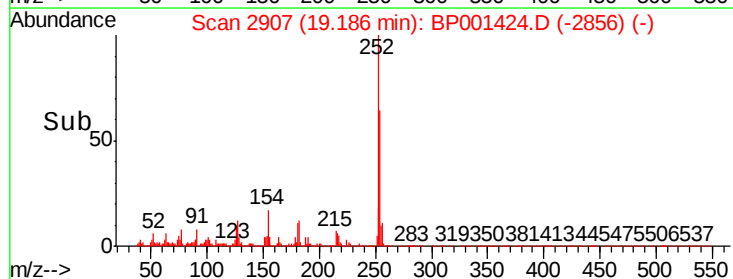
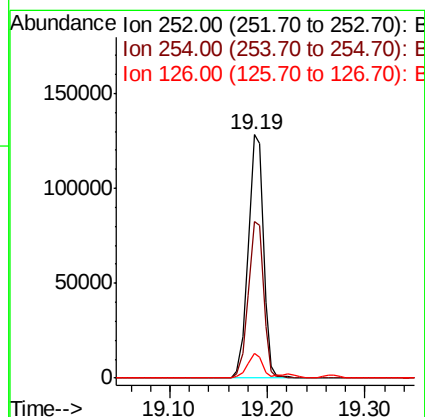
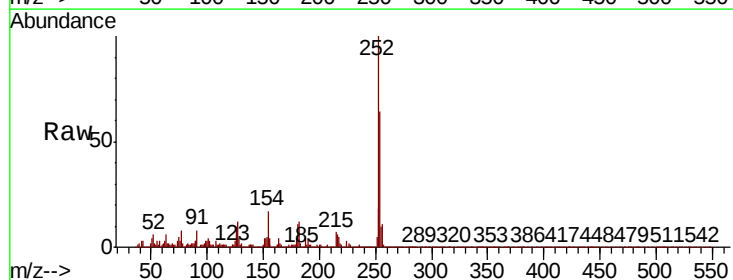
Instrument :
BNA_P
ClientSampleId :

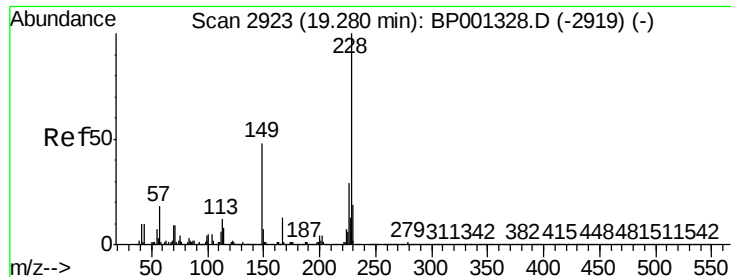
Tot Ion:228 Resp: 407489
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.2
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 47.782 ng
RT: 19.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion:252 Resp: 139546
Ion Ratio Lower Upper
252 100
254 64.1 52.3 78.5
126 10.3 7.3 10.9

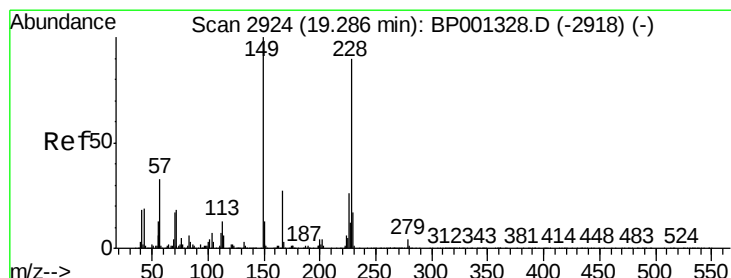
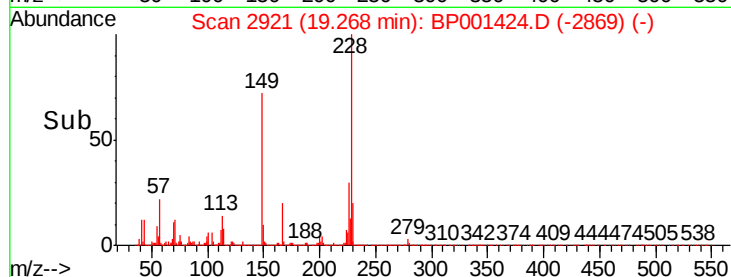
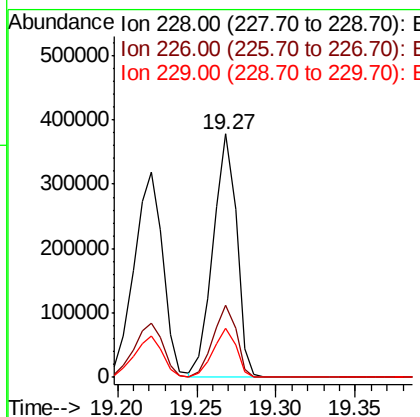
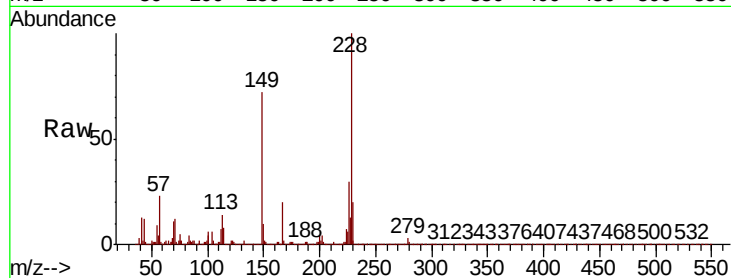




#83
 Chrysene
 Concen: 48.207 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

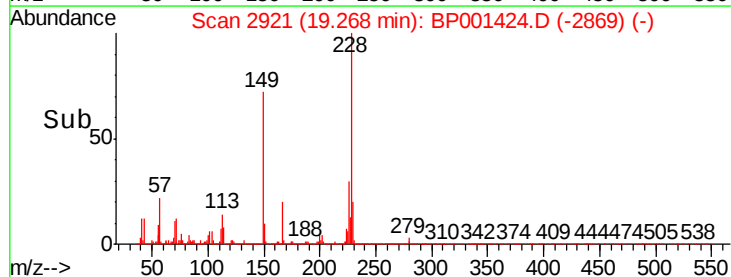
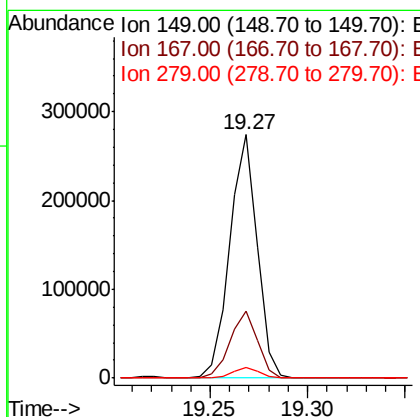
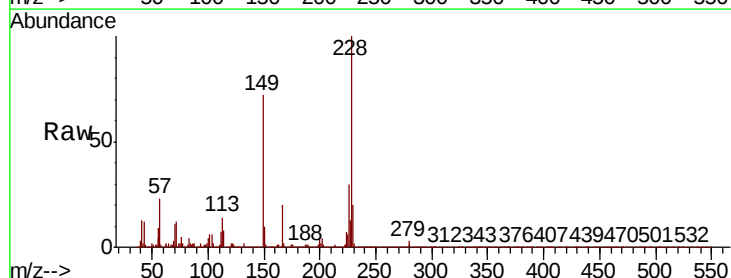
Instrument :
 BNA_P
 ClientSampled :

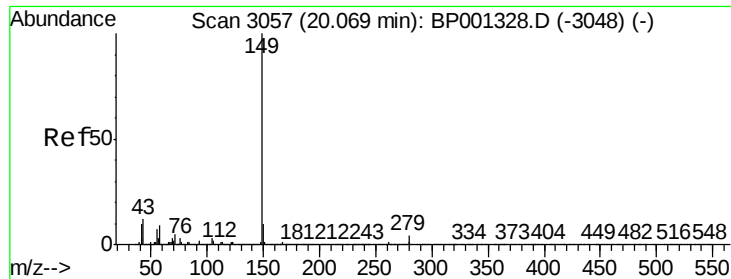
Tot Ion:228 Resp: 391342
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.4 35.2
 229 20.0 15.5 23.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.423 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BP001424.D
 Acq: 26 Dec 2019 16:26

Tgt Ion:149 Resp: 266218
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.4 32.0
 279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.868 ng

RT: 20.05 min Scan# 3054

Delta R.T. 0.01 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

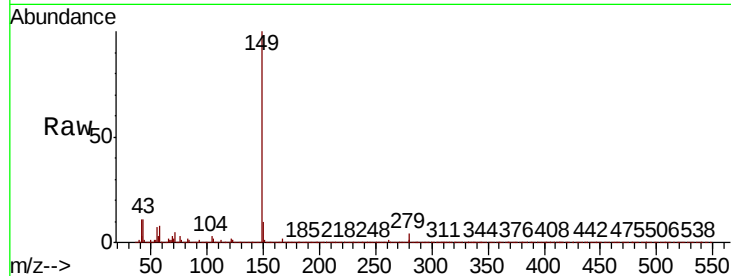
Tot Ion:149 Resp: 415272

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

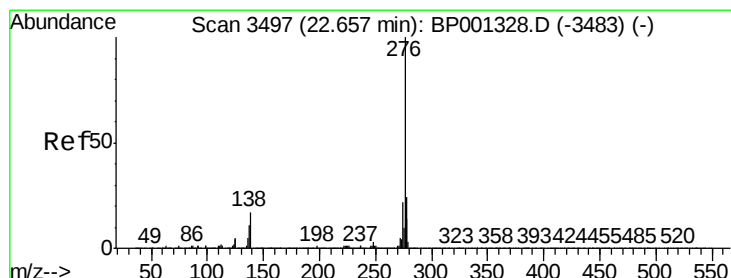
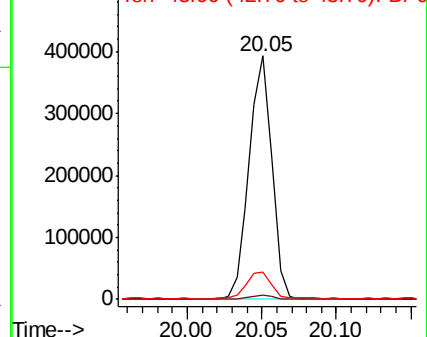
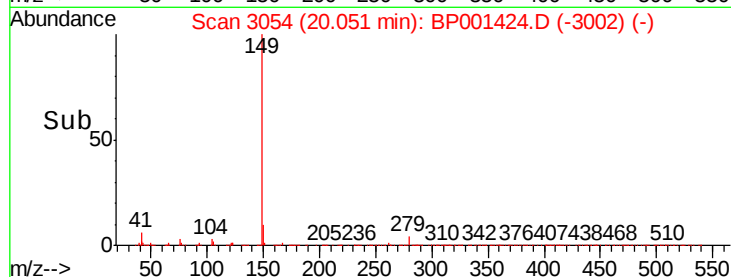
43 12.1 8.6 13.0



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): BPO



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.928 ng

RT: 22.64 min Scan# 3494

Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

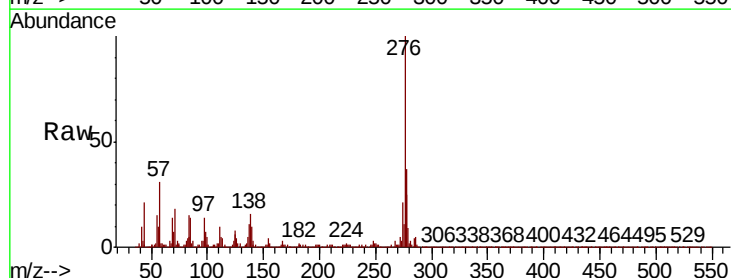
Tgt Ion:276 Resp: 393906

Ion Ratio Lower Upper

276 100

138 20.3 12.8 19.2#

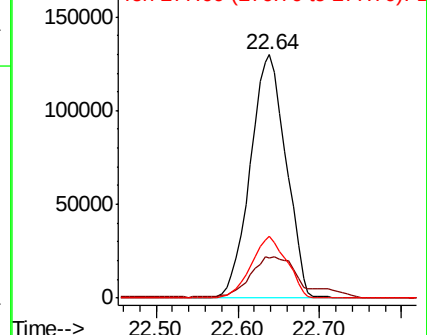
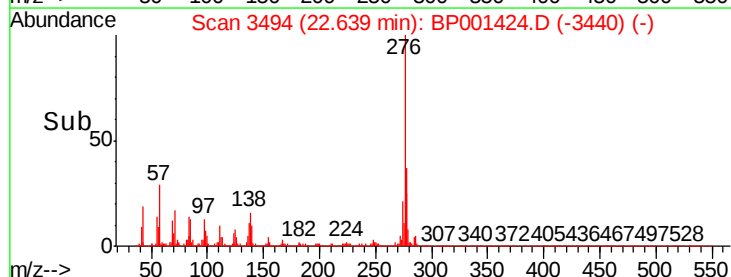
277 25.5 19.9 29.9

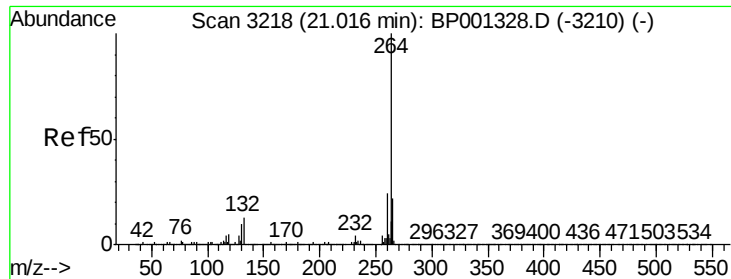


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

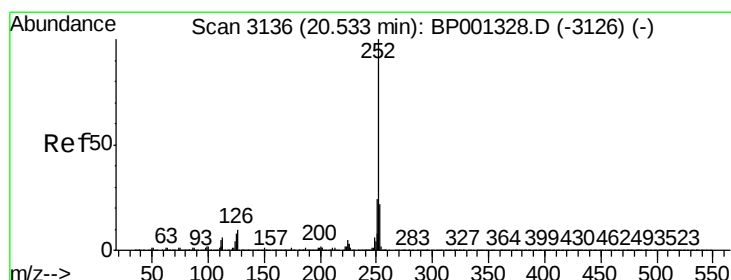
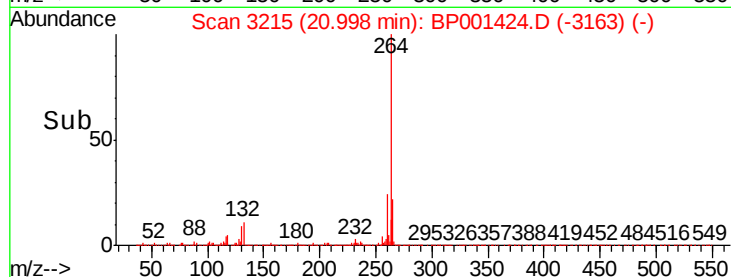
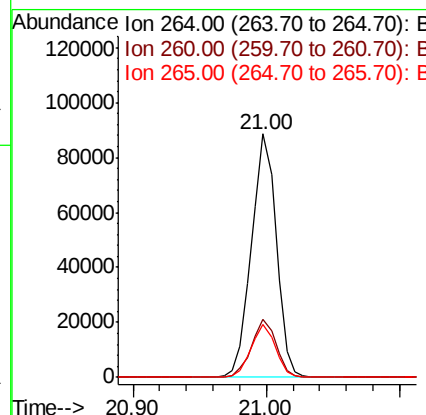
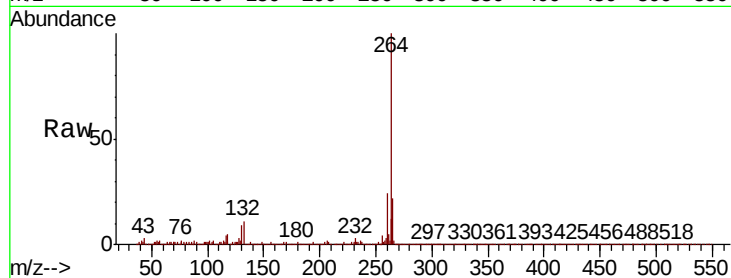




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

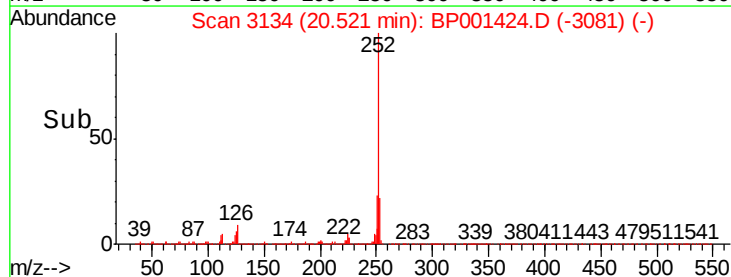
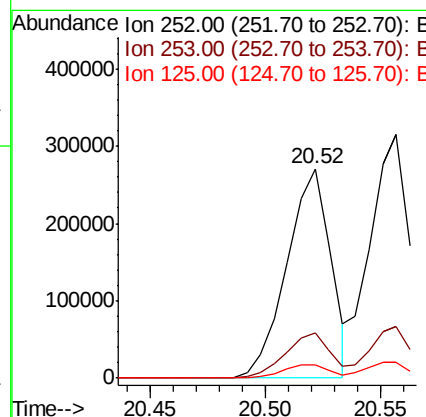
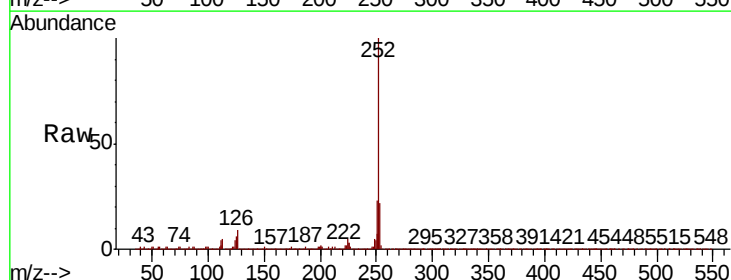
Instrument :
BNA_P
ClientSampleId :

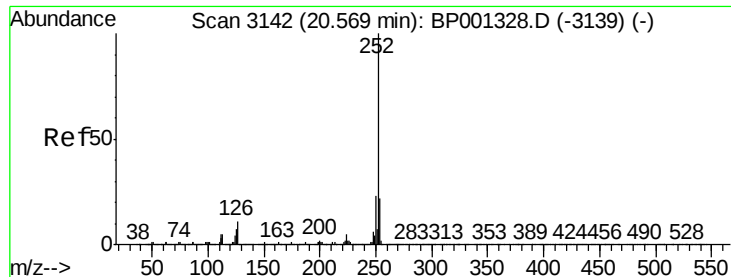
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.0	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 48.230 ng
RT: 20.52 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	6.3	5.6	8.4

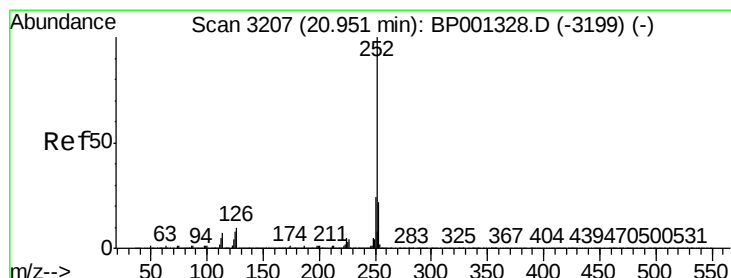
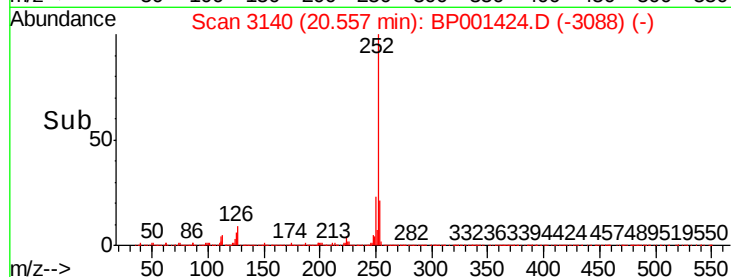
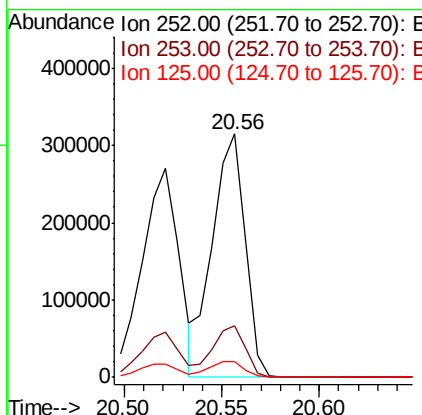
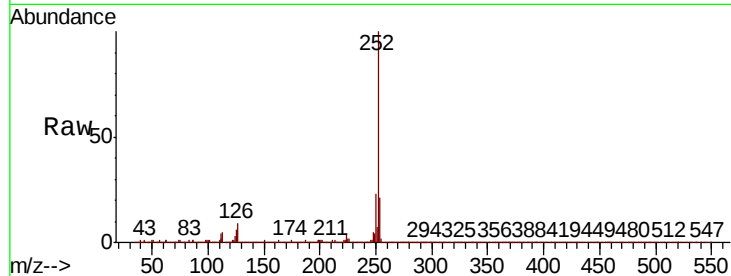




#89
Benzo(k)fluoranthene
Concen: 51.782 ng
RT: 20.56 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

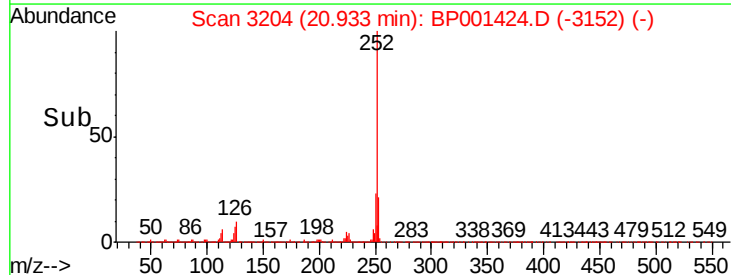
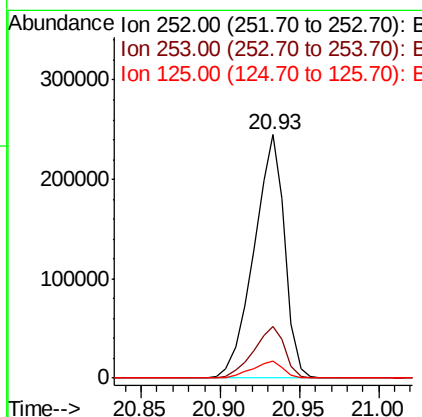
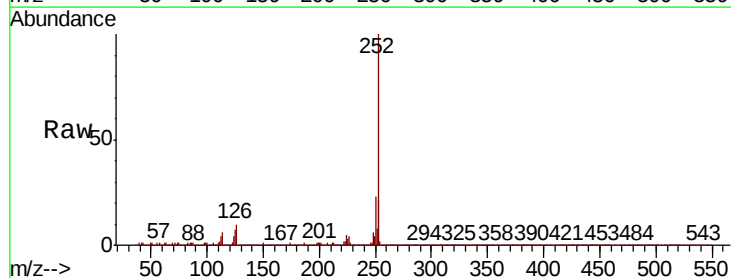
Instrument :
BNA_P
ClientSampleId :

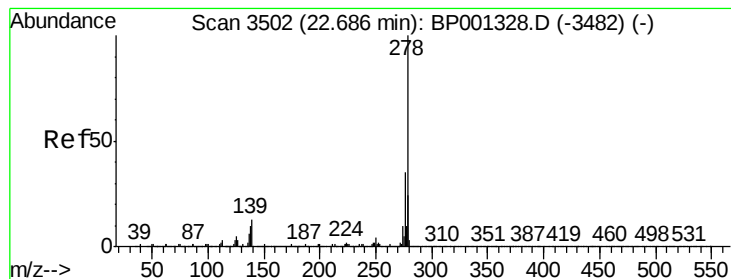
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	6.3	4.5	6.7



#90
Benzo(a)pyrene
Concen: 48.730 ng
RT: 20.93 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BP001424.D
Acq: 26 Dec 2019 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	7.2	5.2	7.8





#91

Dibenzo(a,h)anthracene

Concen: 51.101 ng

RT: 22.66 min Scan# 3498

Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

Instrument :

BNA_P

ClientSampleId :

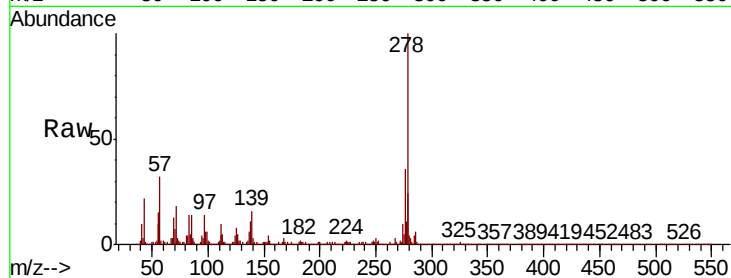
Tot Ion:278 Resp: 338777

Ion Ratio Lower Upper

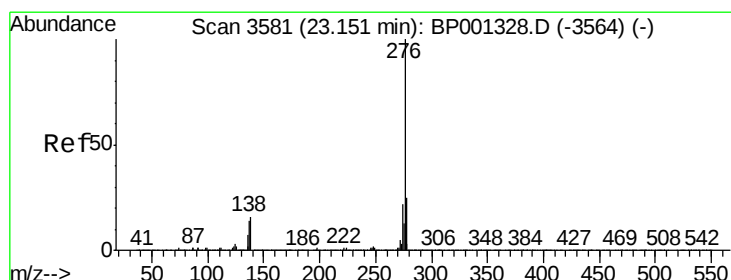
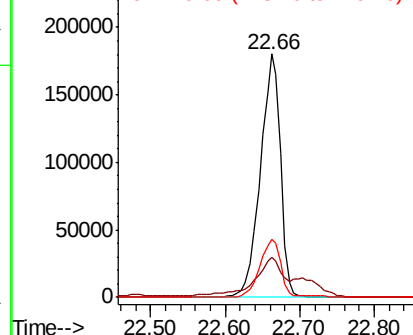
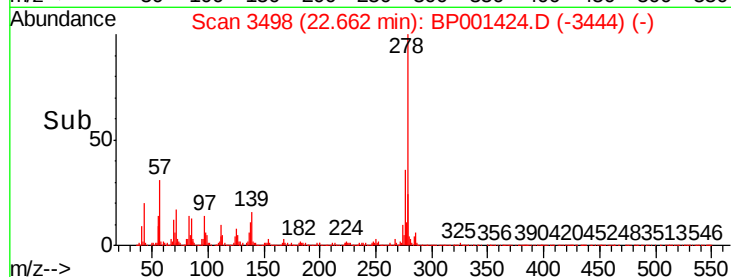
278 100

139 16.5 8.3 12.5#

279 23.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.135 ng

RT: 23.13 min Scan# 3577

Delta R.T. 0.02 min

Lab File: BP001424.D

Acq: 26 Dec 2019 16:26

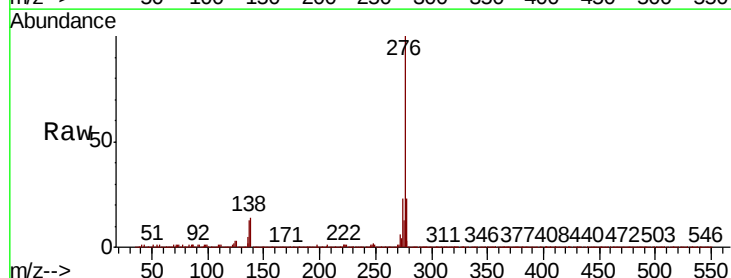
Tgt Ion:276 Resp: 323938

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 13.9 10.5 15.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

