

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121919\
 Data File : BP001327.D
 Acq On : 19 Dec 2019 16:50
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 02:41:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 02:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	44182	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	159935	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	92838	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	186108	20.00	ng	0.00
76) Chrysene-d12	19.25	240	155851	20.00	ng	0.00
87) Perylene-d12	21.02	264	168035	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	114738	43.09	ng	0.00
7) Phenol-d6	7.75	99	151866	42.81	ng	0.00
23) Nitrobenzene-d5	9.18	82	169959	46.11	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	47281	53.13	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	297085	46.83	ng	0.00
79) Terphenyl-d14	17.88	244	363785	43.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	24133	19.401	ng	98
3) Pyridine	3.39	79	64790	18.771	ng	97
4) n-Nitrosodimethylamine	3.28	42	41628	27.871	ng	100
6) Aniline	7.78	93	95072	20.211	ng	# 66
8) 2-Chlorophenol	7.96	128	57237	20.774	ng	94
9) Benzaldehyde	7.59	77	56269	24.402	ng	97
10) Phenol	7.76	94	85036	21.072	ng	92
11) bis(2-Chloroethyl)ether	7.90	93	61990	19.726	ng	99
12) 1,3-Dichlorobenzene	8.20	146	71998	22.046	ng	99
13) 1,4-Dichlorobenzene	8.33	146	73096	22.219	ng	96
14) 1,2-Dichlorobenzene	8.56	146	69797	22.543	ng	97
15) Benzyl Alcohol	8.53	79	68229	23.428	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.76	45	98100	19.417	ng	100
17) 2-Methylphenol	8.72	107	52786	20.885	ng	95
18) Hexachloroethane	9.10	117	31652	23.258	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	53284	20.814	ng	100
20) 3+4-Methylphenols	8.97	107	68883	21.621	ng	99
22) Acetophenone	8.95	105	102587	21.824	ng	# 100
24) Nitrobenzene	9.21	77	82878	22.609	ng	97
25) Isophorone	9.60	82	136730	20.684	ng	99
26) 2-Nitrophenol	9.72	139	28899	21.523	ng	98
27) 2,4-Dimethylphenol	9.82	122	43364	20.389	ng	95
28) bis(2-Chloroethoxy)methane	9.98	93	81541	19.661	ng	99
29) 2,4-Dichlorophenol	10.12	162	54380	22.465	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	66596	23.555	ng	95
31) Naphthalene	10.37	128	175687	21.508	ng	98
32) Benzoic acid	9.96	122	28484	18.525	ng	98
33) 4-Chloroaniline	10.46	127	73309	20.682	ng	99
34) Hexachlorobutadiene	10.59	225	45938	25.829	ng	99
35) Caprolactam	11.01	113	16109	19.310	ng	93
36) 4-Chloro-3-methylphenol	11.28	107	64058	22.320	ng	96
37) 2-Methylnaphthalene	11.50	142	122136	21.913	ng	99
38) 1-Methylnaphthalene	11.66	142	114859	21.815	ng	97
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	69956	23.911	ng	99

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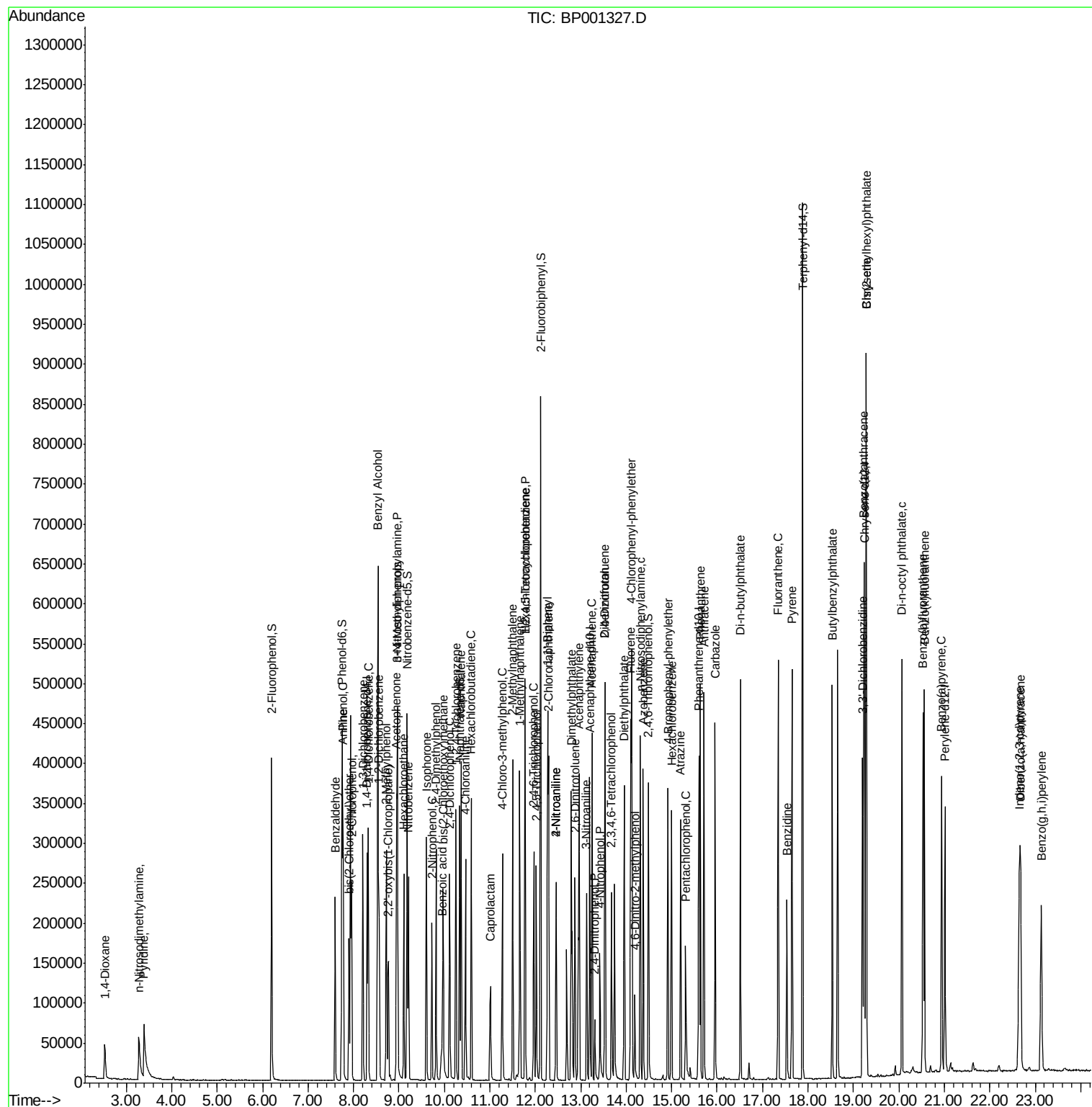
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	31353	23.229	ng	98
43) 2,4,6-Trichlorophenol	11.97	196	43043	22.532	ng	98
44) 2,4,5-Trichlorophenol	12.02	196	43933	22.196	ng	98
46) 1,1'-Biphenyl	12.27	154	156390	21.797	ng	100
47) 2-Chloronaphthalene	12.29	162	128650	22.448	ng	99
48) 2-Nitroaniline	12.46	65	51494	22.926	ng	99
49) Acenaphthylene	12.96	152	187423	21.817	ng	99
50) Dimethylphthalate	12.79	163	155559	22.404	ng	99
51) 2,6-Dinitrotoluene	12.87	165	31615	21.270	ng	97
52) Acenaphthene	13.25	154	113931	22.047	ng	96
53) 3-Nitroaniline	13.13	138	34324	20.557	ng	93
54) 2,4-Dinitrophenol	13.31	184	11160	21.411	ng	90
55) Dibenzofuran	13.54	168	177825	22.900	ng	97
56) 4-Nitrophenol	13.42	139	23867	20.173	ng	92
57) 2,4-Dinitrotoluene	13.53	165	43716	23.465	ng	93
58) Fluorene	14.10	166	140540	22.587	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.67	232	35179	21.622	ng	96
60) Diethylphthalate	13.96	149	158842	22.094	ng	99
61) 4-Chlorophenyl-phenylether	14.12	204	73607	23.231	ng	99
62) 4-Nitroaniline	12.46	138	39213	20.257	ng	98
63) Azobenzene	14.37	77	170575	21.950	ng	97
65) 4,6-Dinitro-2-methylphenol	14.19	198	15228	20.490	ng	93
66) n-Nitrosodiphenylamine	14.31	169	119541	21.140	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	43842	21.699	ng	99
68) Hexachlorobenzene	15.00	284	51365	23.124	ng	95
69) Atrazine	15.20	200	43322	25.091	ng	98
70) Pentachlorophenol	15.31	266	24412	21.086	ng	96
71) Phenanthrene	15.63	178	215780	22.054	ng	98
72) Anthracene	15.71	178	211294	21.910	ng	99
73) Carbazole	15.96	167	190444	21.702	ng	99
74) Di-n-butylphthalate	16.51	149	257061	21.787	ng	99
75) Fluoranthene	17.35	202	241308	23.296	ng	98
77) Benzidine	17.53	184	91223	22.670	ng	99
78) Pyrene	17.65	202	239939	19.547	ng	99
80) Butylbenzylphthalate	18.53	149	113271	19.978	ng	98
81) Benzo(a)anthracene	19.23	228	231071	21.384	ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	83926	23.510	ng	99
83) Chrysene	19.27	228	219891	22.725	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	164164	21.060	ng	99
85) Di-n-octyl phthalate	20.06	149	276809	19.990	ng	100
86) Indeno(1,2,3-cd)pyrene	22.65	276	242222	21.241	ng	100
88) Benzo(b)fluoranthene	20.53	252	221497	21.581	ng	99
89) Benzo(k)fluoranthene	20.56	252	213165	21.564	ng	99
90) Benzo(a)pyrene	20.94	252	202835	21.456	ng	99
91) Dibenzo(a,h)anthracene	22.67	278	197215	21.317	ng	98
92) Benzo(g,h,i)perylene	23.13	276	189692	20.765	ng	98

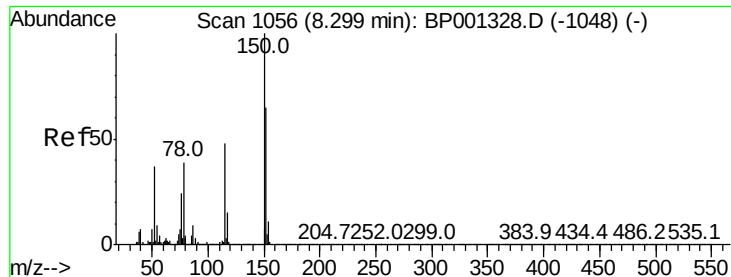
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

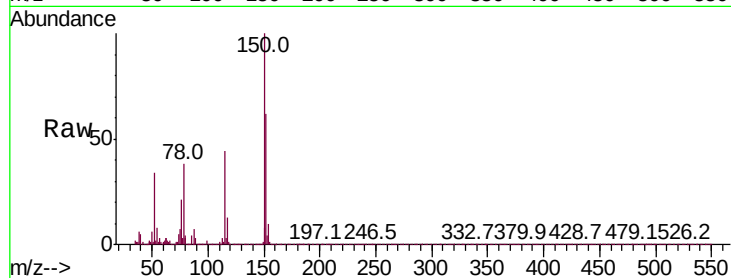
Tot Ion:152 Resp: 44182

Ion Ratio Lower Upper

152 100

150 162.4 124.0 186.0

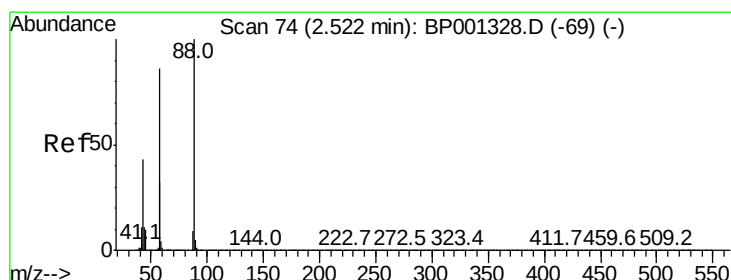
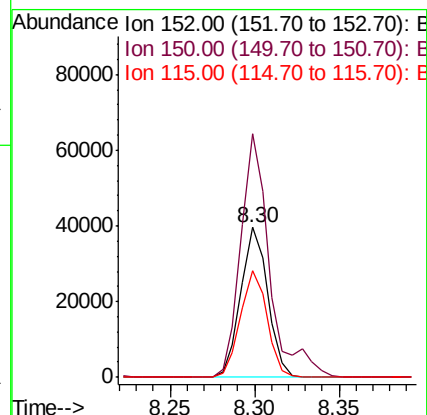
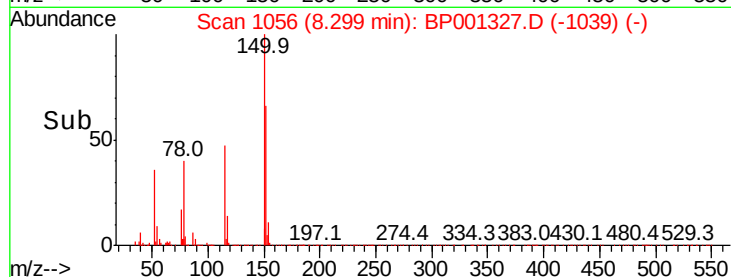
115 71.2 59.3 88.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 19.401 ng

RT: 2.52 min Scan# 74

Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

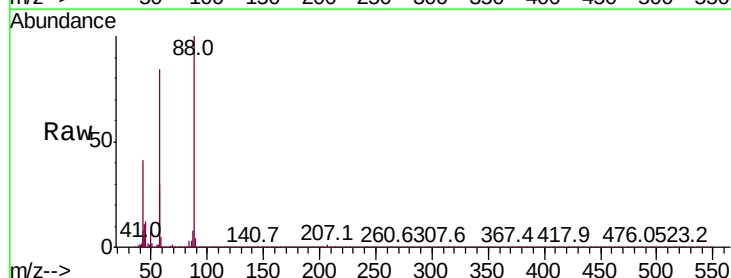
Tgt Ion: 88 Resp: 24133

Ion Ratio Lower Upper

88 100

58 84.3 69.6 104.4

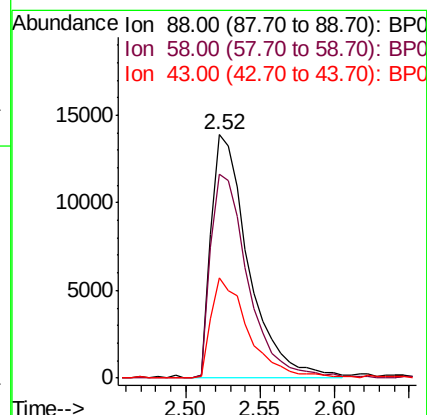
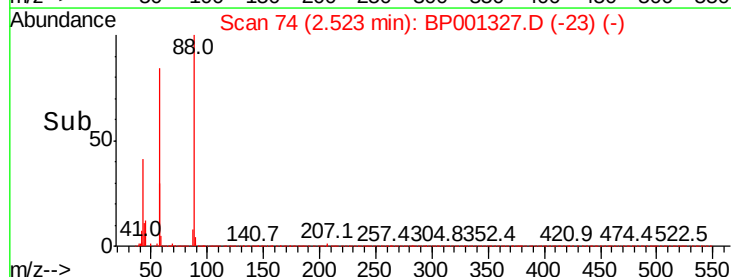
43 41.3 33.7 50.5

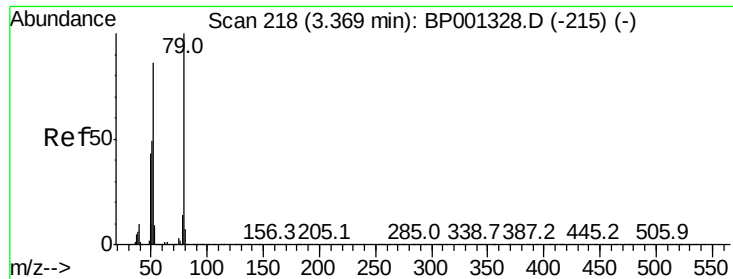


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 18.771 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.02 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

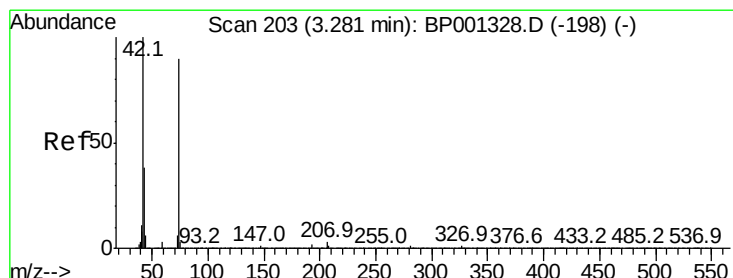
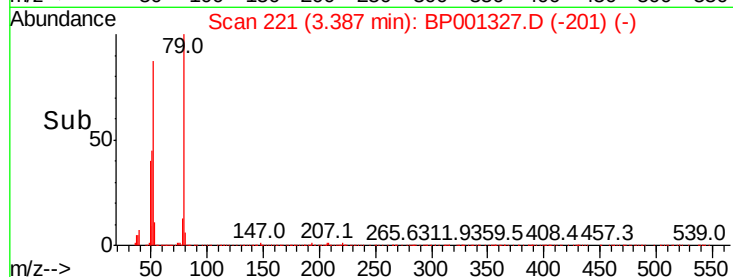
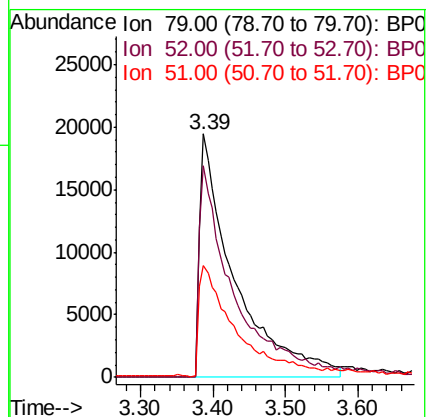
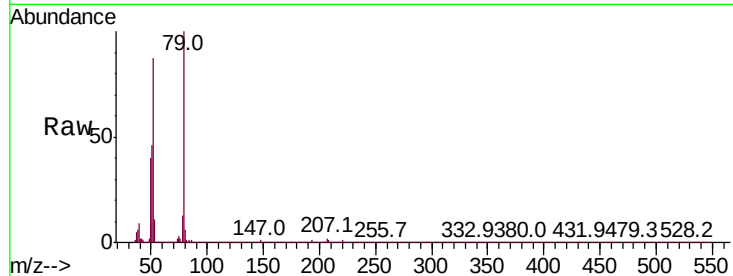
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 64790

Ion	Ratio	Lower	Upper
79	100		
52	86.9	68.5	102.7
51	45.8	39.5	59.3



#4

n-Nitrosodimethylamine

Concen: 27.871 ng

RT: 3.28 min Scan# 202

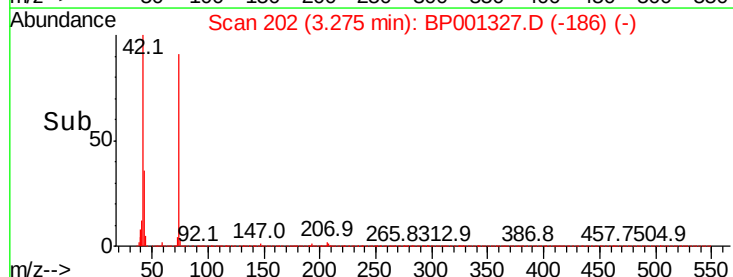
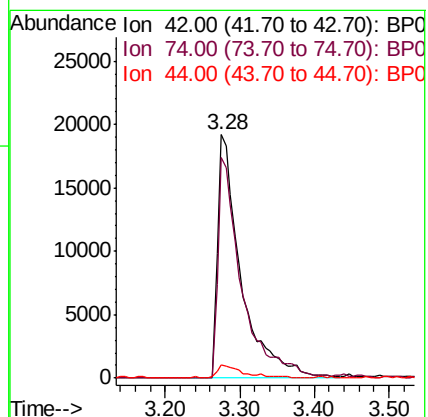
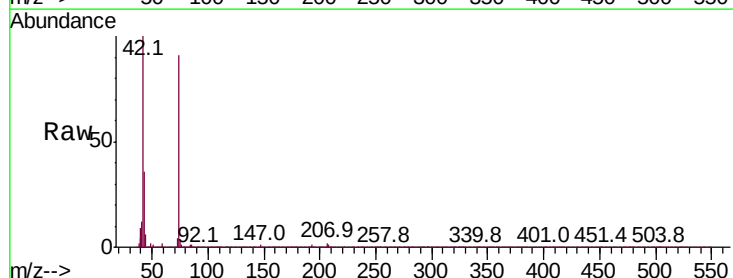
Delta R.T. -0.01 min

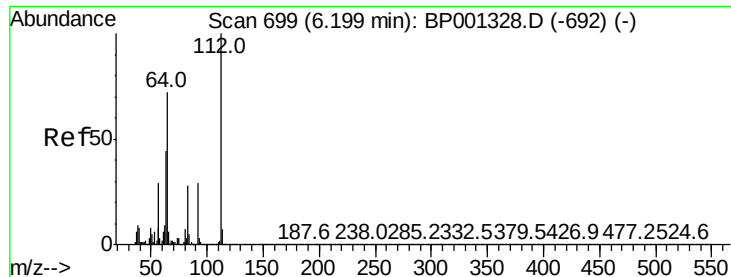
Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion: 42 Resp: 41628

Ion	Ratio	Lower	Upper
42	100		
74	90.7	72.2	108.4
44	5.7	4.5	6.7





#5

2-Fluorophenol

Concen: 43.085 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

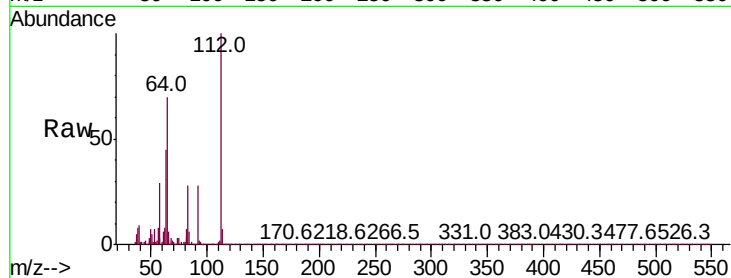
Tot Ion:112 Resp: 114738

Ion Ratio Lower Upper

112 100

64 70.5 57.6 86.4

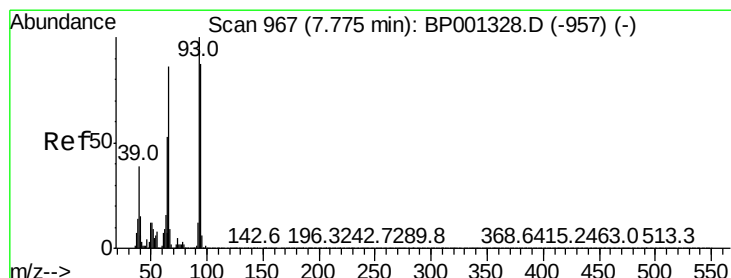
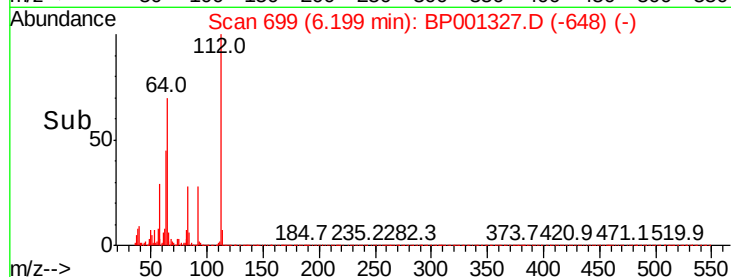
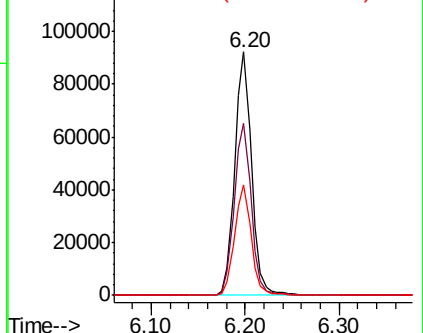
63 45.4 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 20.211 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

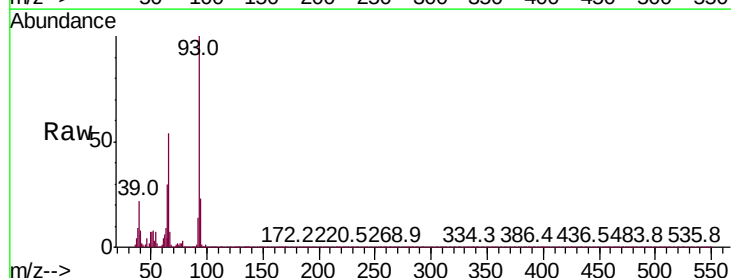
Tgt Ion: 93 Resp: 95072

Ion Ratio Lower Upper

93 100

66 54.1 69.0 103.6#

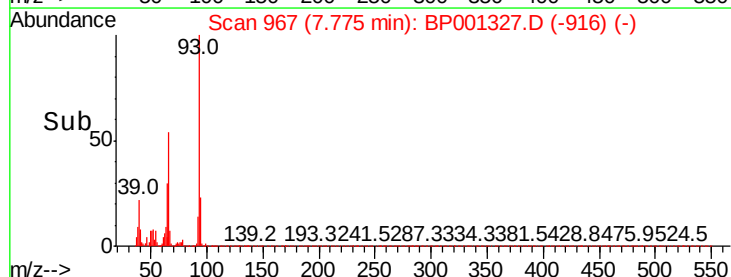
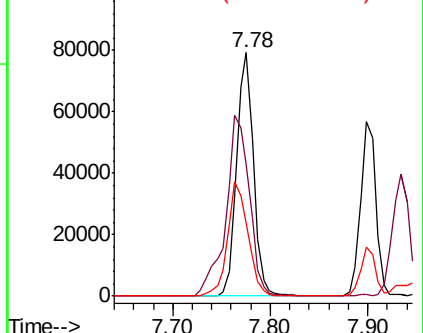
65 30.2 42.2 63.4#

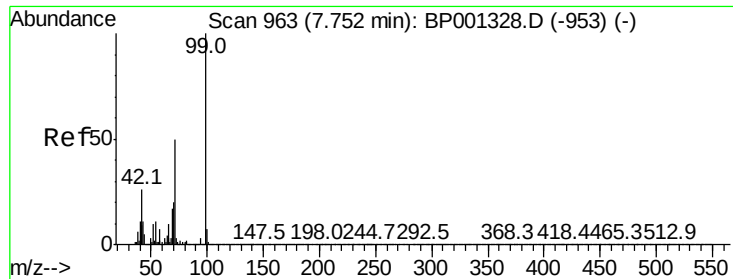


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 42.805 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

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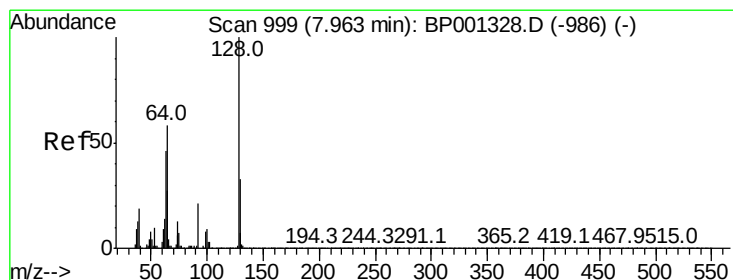
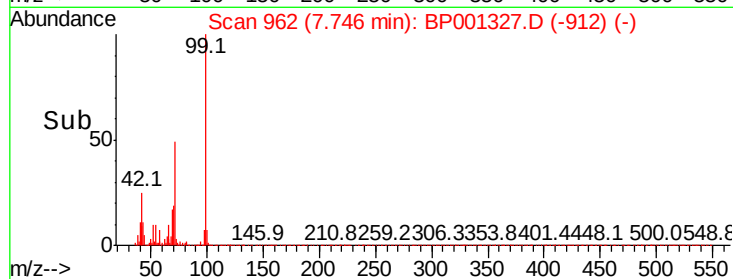
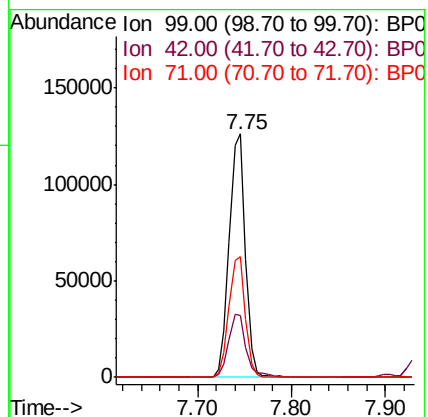
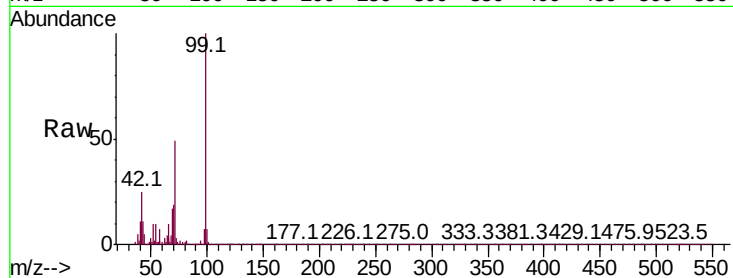
Tot Ion: 99 Resp: 151866

Ion Ratio Lower Upper

99 100

42 25.4 20.9 31.3

71 49.4 40.0 60.0



#8

2-Chlorophenol

Concen: 20.774 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

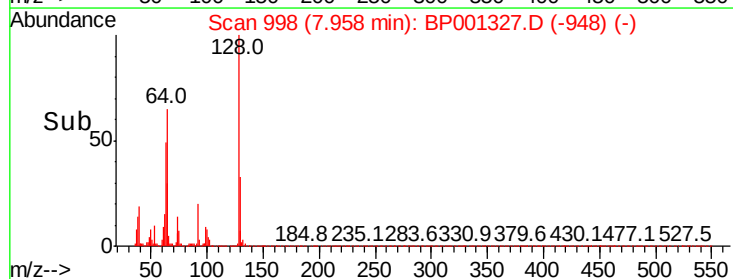
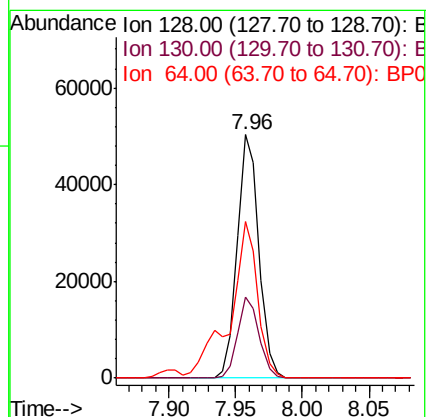
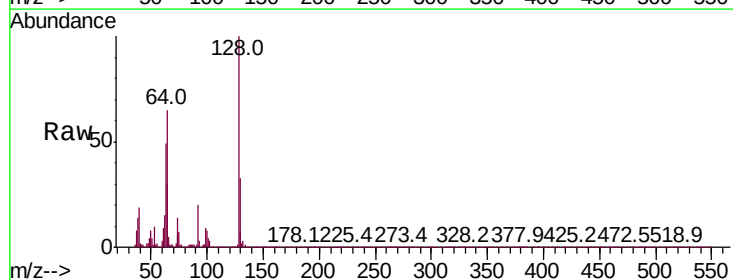
Tgt Ion: 128 Resp: 57237

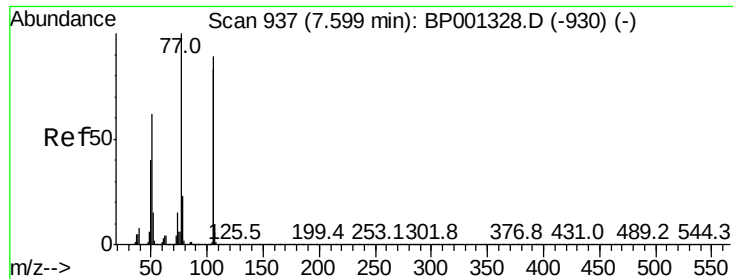
Ion Ratio Lower Upper

128 100

130 33.1 13.5 53.5

64 64.5 38.2 78.2





#9

Benzaldehyde

Concen: 24.402 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BP001327.D

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ClientSampleId :

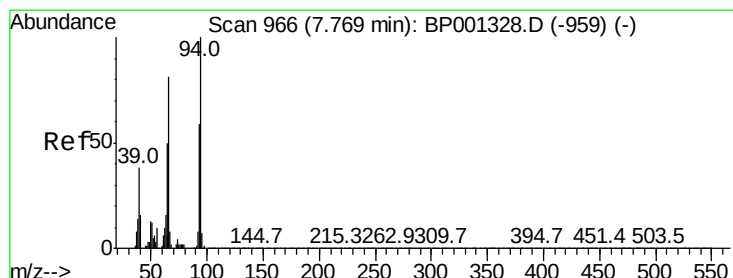
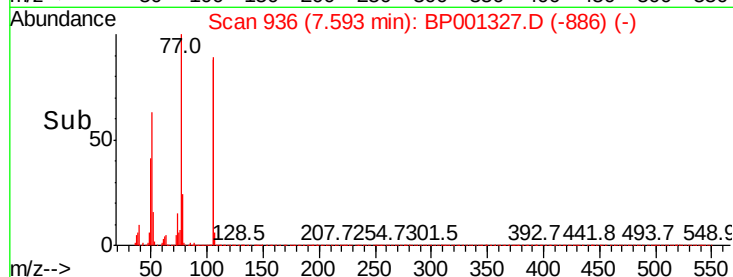
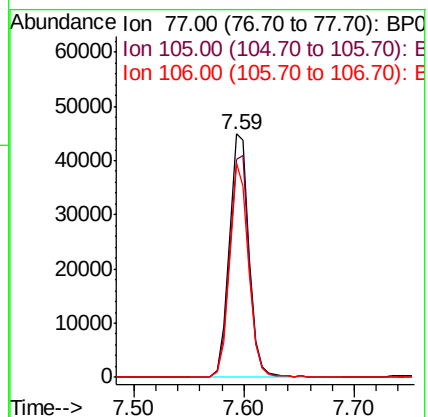
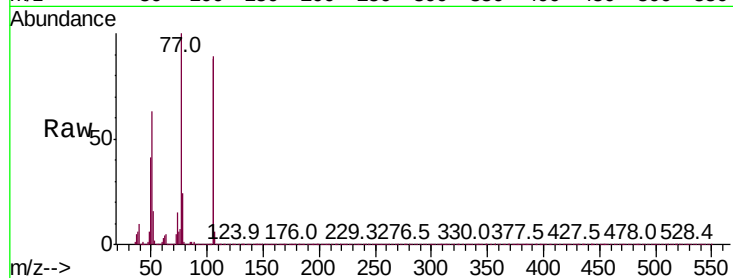
Tot Ion: 77 Resp: 56269

Ion Ratio Lower Upper

77 100

105 89.4 68.6 108.6

106 87.8 62.5 102.5



#10

Phenol

Concen: 21.072 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

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Acq: 19 Dec 2019 16:50

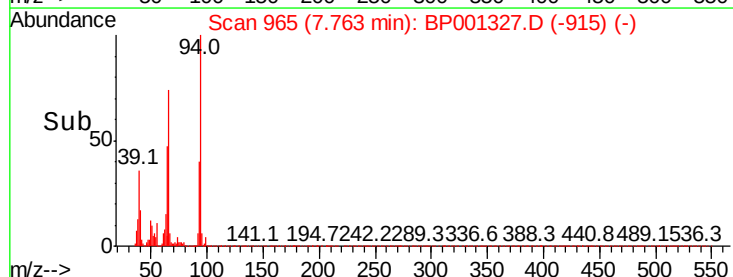
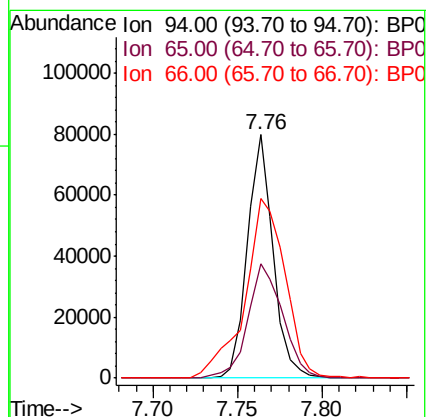
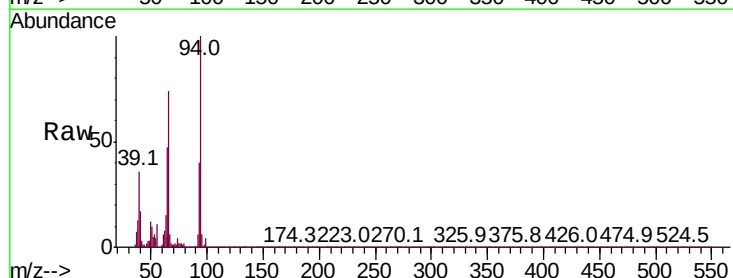
Tgt Ion: 94 Resp: 85036

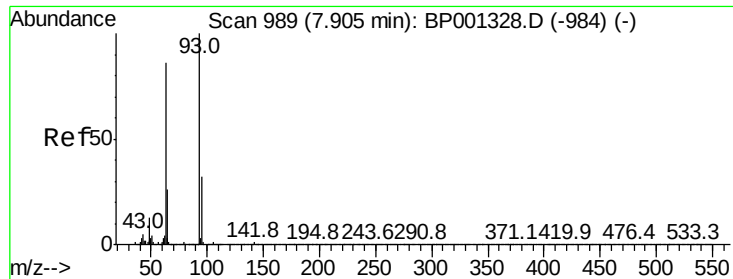
Ion Ratio Lower Upper

94 100

65 46.7 30.4 70.4

66 74.0 62.0 102.0





#11

bis(2-Chloroethyl)ether

Concen: 19.726 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

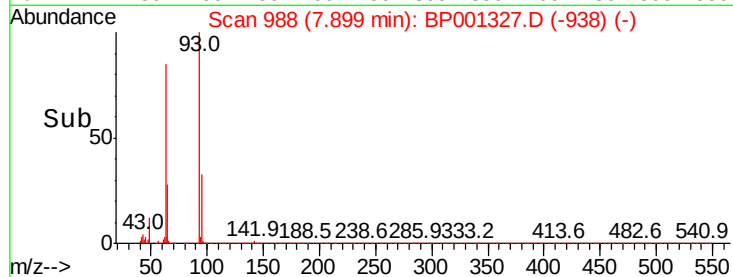
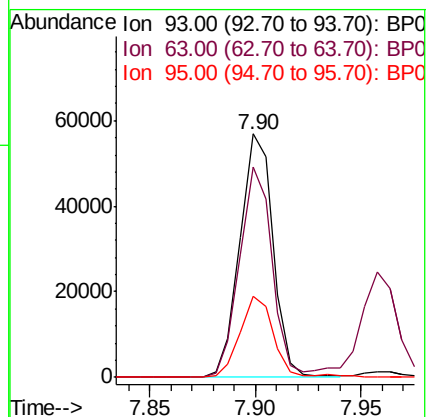
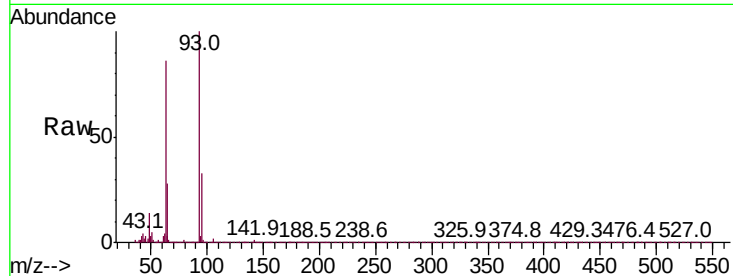
Tot Ion: 93 Resp: 61990

Ion Ratio Lower Upper

93 100

63 86.5 66.2 106.2

95 33.2 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 22.046 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

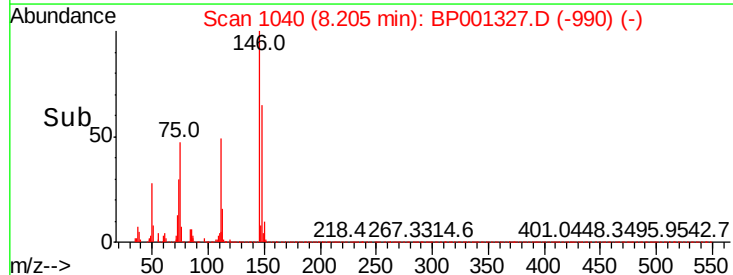
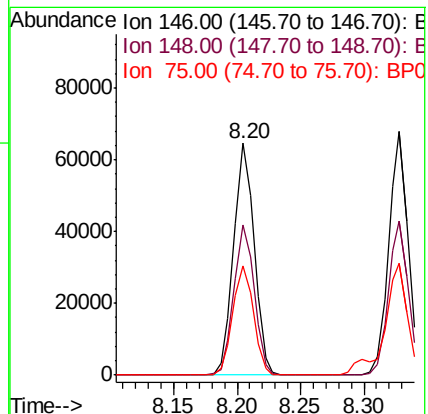
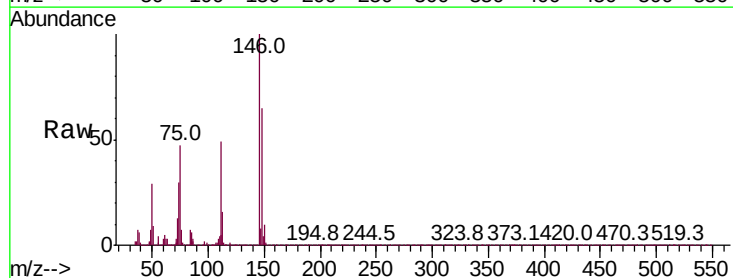
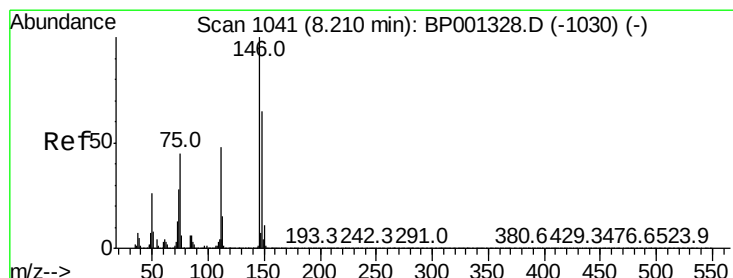
Tgt Ion: 146 Resp: 71998

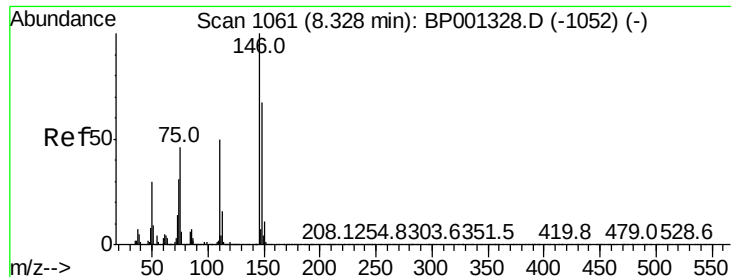
Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

75 47.0 36.2 54.4





#13

1,4-Dichlorobenzene

Concen: 22.219 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

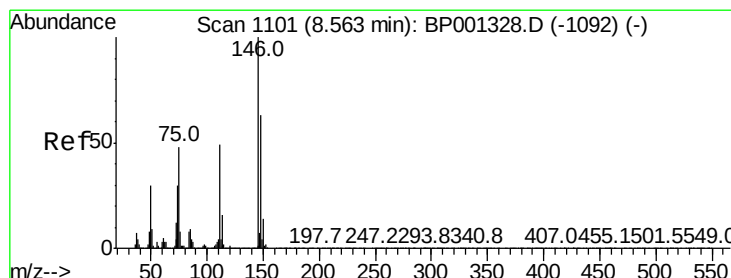
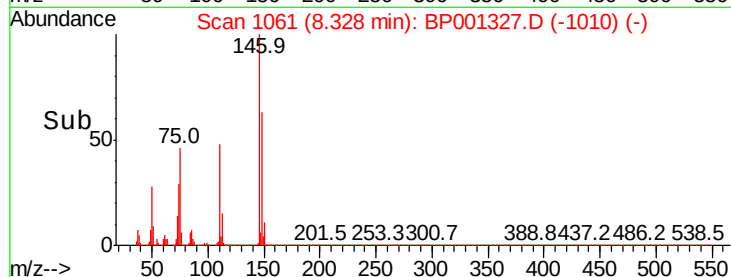
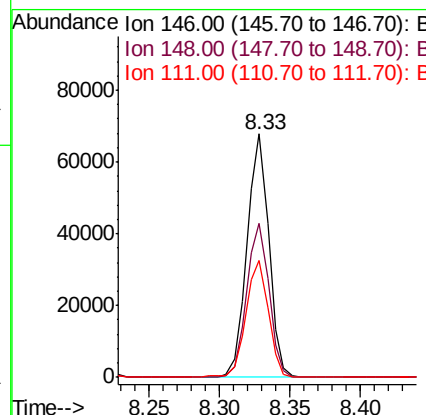
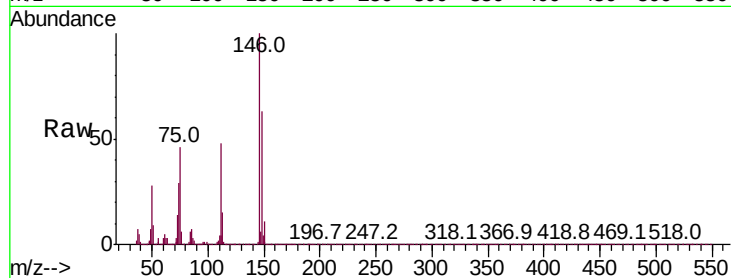
Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 73096

Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.3	79.9
111	47.8	40.2	60.4



#14

1,2-Dichlorobenzene

Concen: 22.543 ng

RT: 8.56 min Scan# 1101

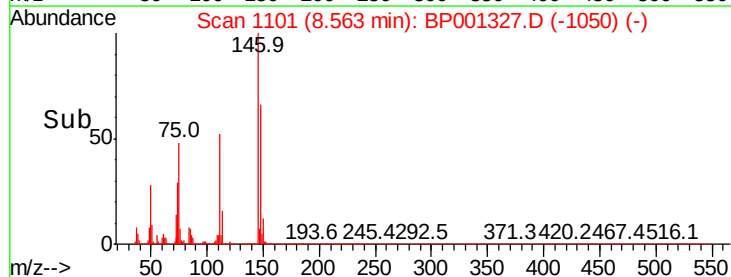
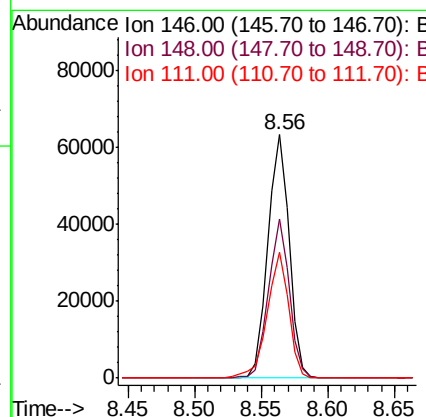
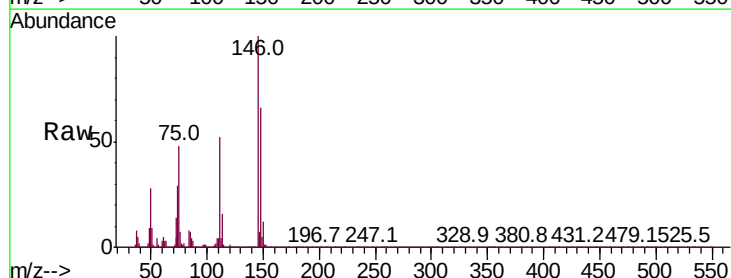
Delta R.T. 0.00 min

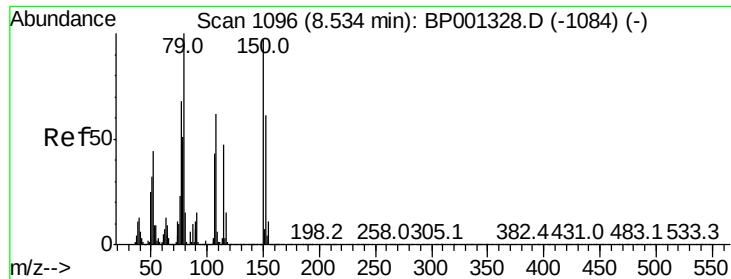
Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion:146 Resp: 69797

Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.8	76.2
111	51.7	39.4	59.2

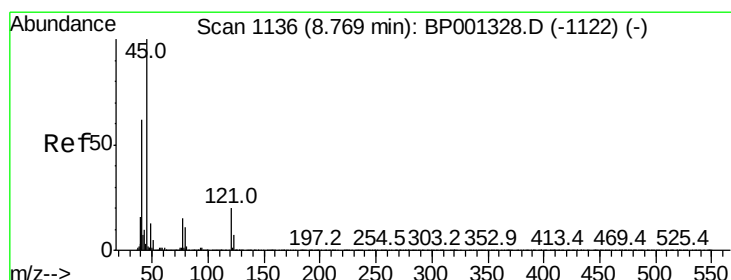
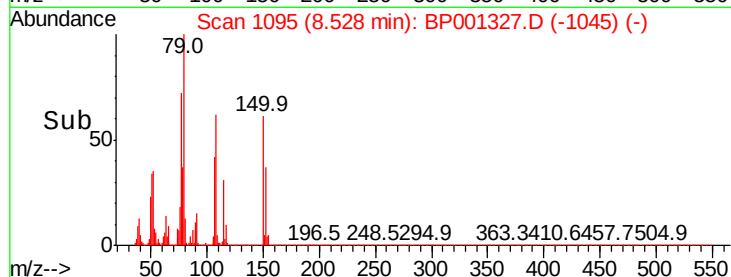
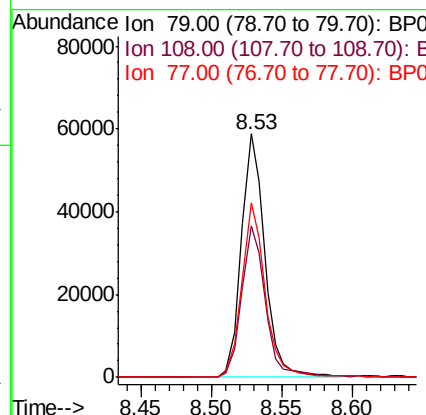
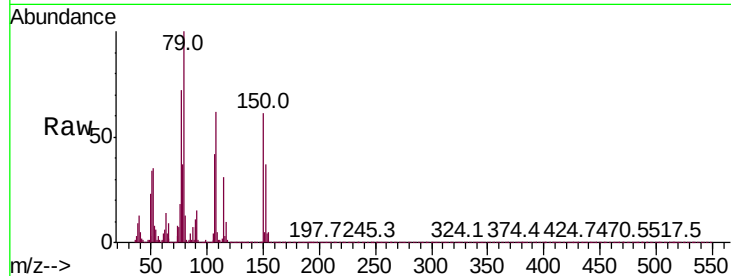




#15
Benzyl Alcohol
Concen: 23.428 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

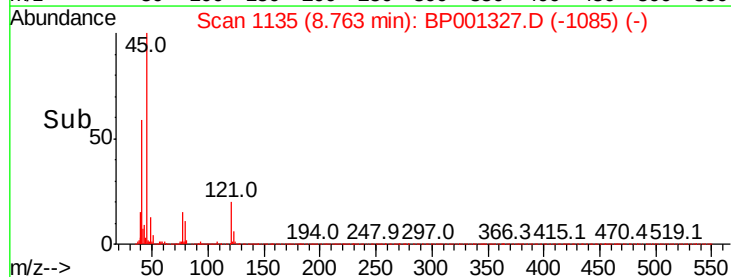
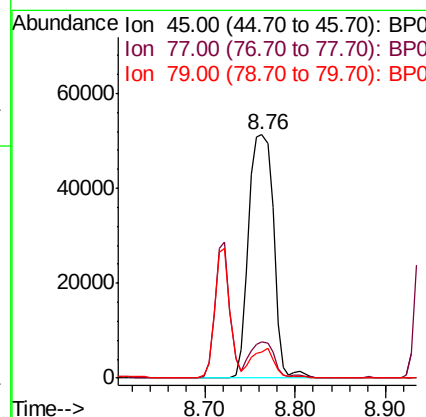
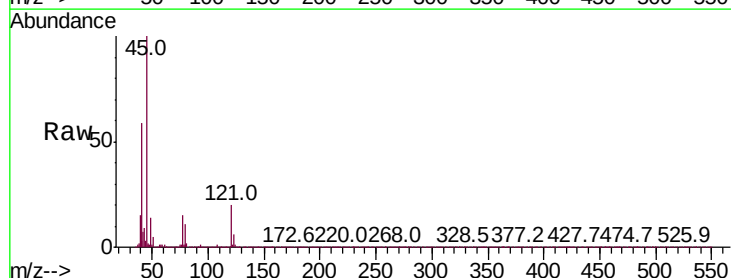
Instrument :
BNA_P
ClientSampleId :

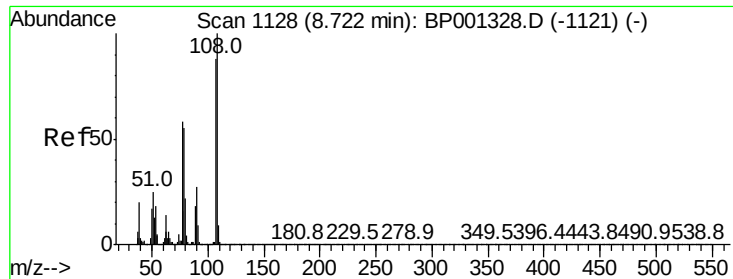
Tot Ion	Ratio	Lower	Upper
79	100		
108	61.9	49.3	73.9
77	71.6	54.4	81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.417 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.8
79	10.9	0.0	31.2





#17

2-Methylphenol

Concen: 20.885 ng

RT: 8.72 min Scan# 1128

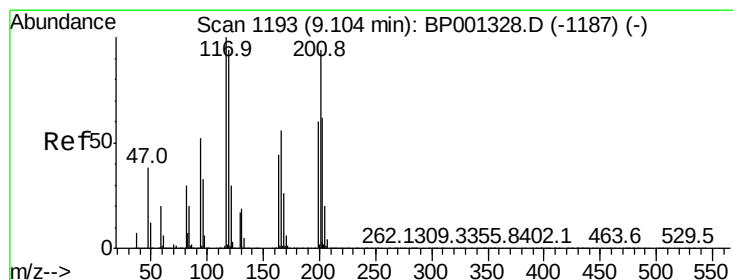
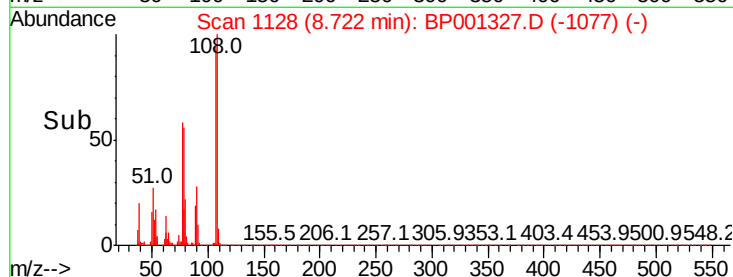
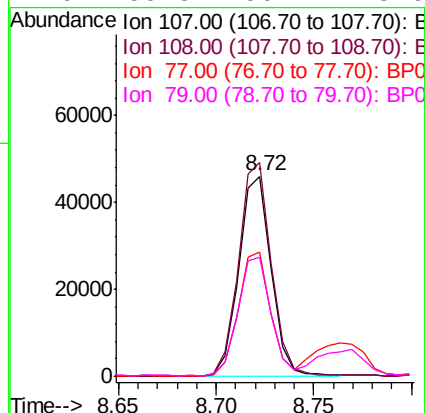
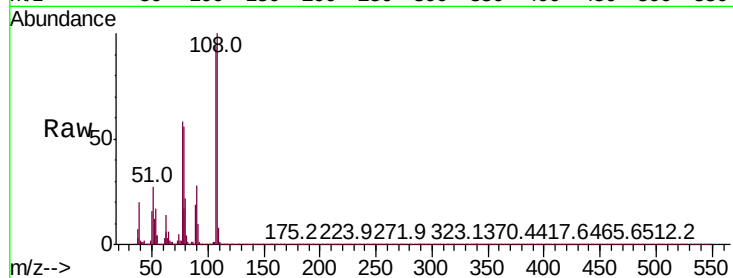
Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	52786
Ion	Ratio	Lower	Upper
107	100		
108	106.7	90.7	136.1
77	62.3	52.7	79.1
79	59.3	50.4	75.6



#18

Hexachloroethane

Concen: 23.258 ng

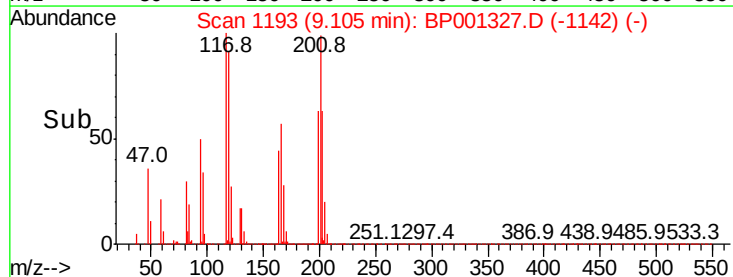
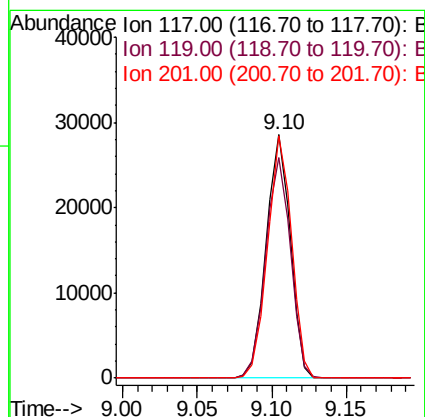
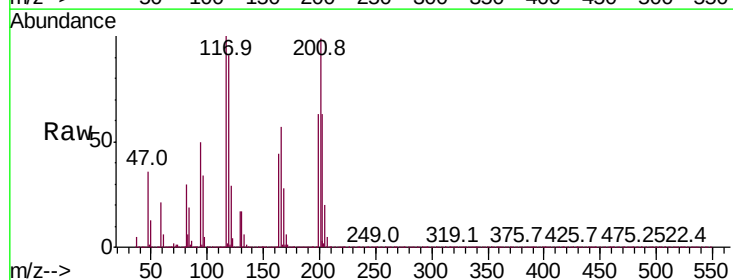
RT: 9.10 min Scan# 1193

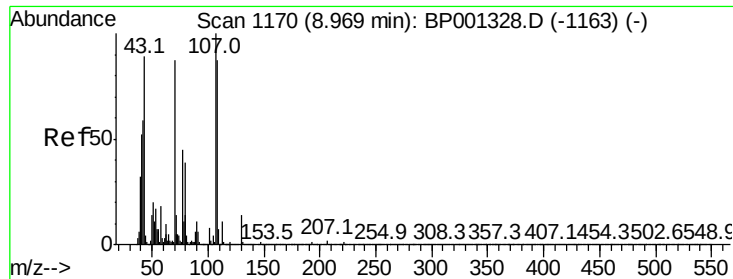
Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion:	117	Resp:	31652
Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.0	112.4
201	99.3	75.6	113.4

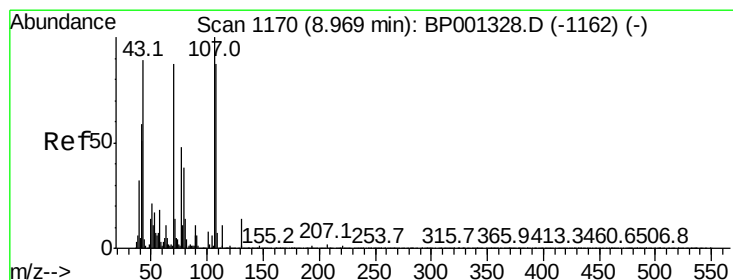
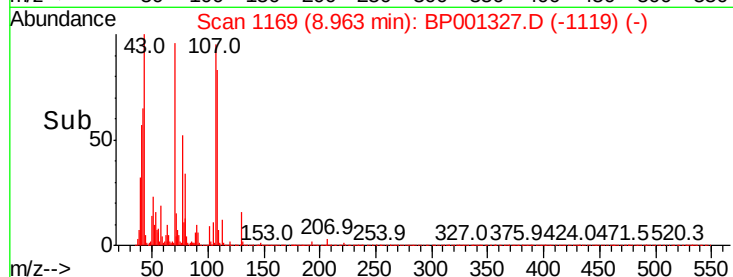
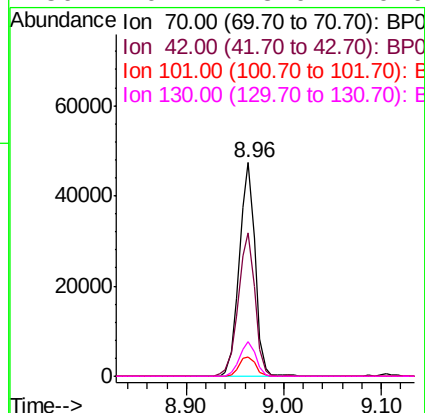
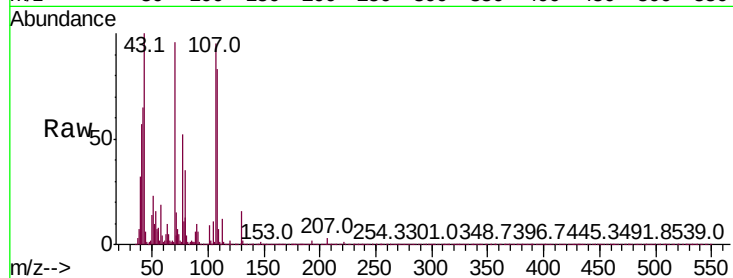




#19
n-Nitroso-di-n-propylamine
Concen: 20.814 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

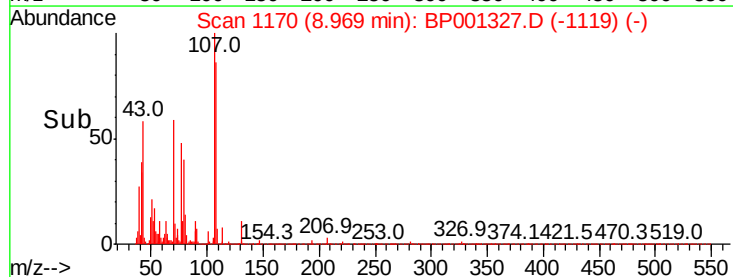
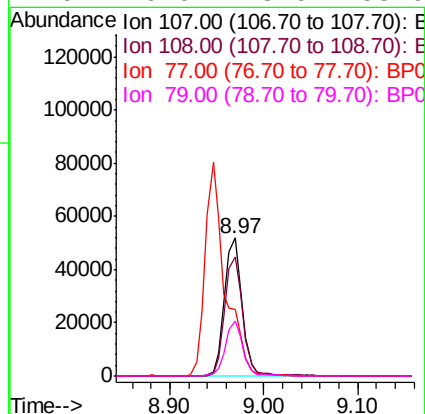
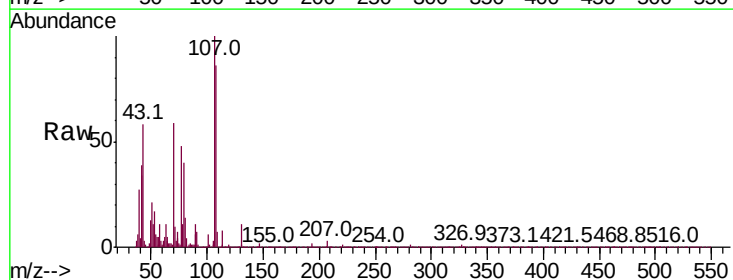
Instrument :
BNA_P
ClientSampleId :

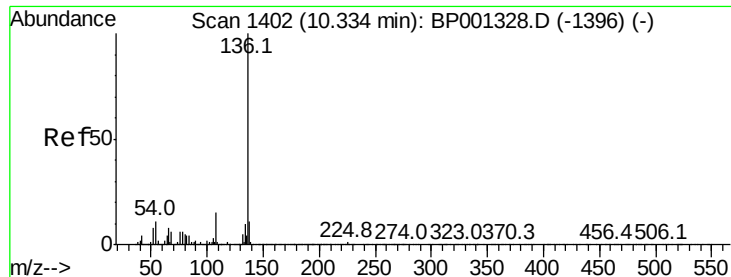
Tot Ion:	70	Resp:	53284
Ion	Ratio	Lower	Upper
70	100		
42	67.4	54.1	81.1
101	8.9	7.0	10.4
130	16.4	13.0	19.6



#20
3+4-Methylphenols
Concen: 21.621 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion:	107	Resp:	68883
Ion	Ratio	Lower	Upper
107	100		
108	86.5	67.2	107.2
77	48.3	28.0	68.0
79	40.0	18.6	58.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1402

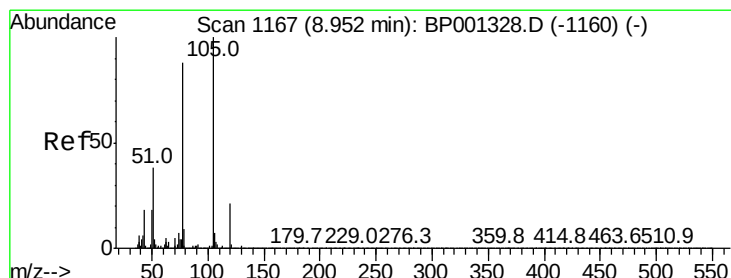
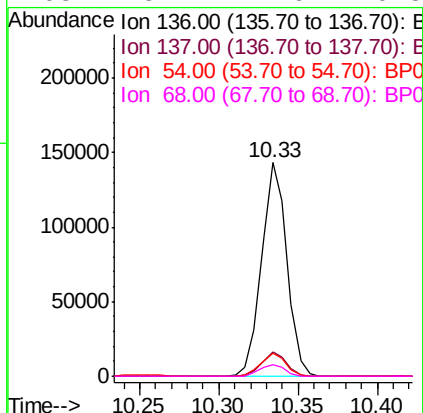
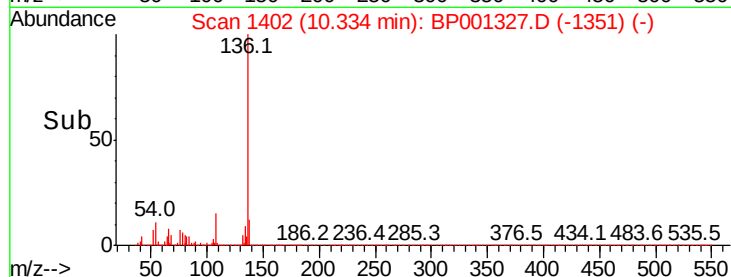
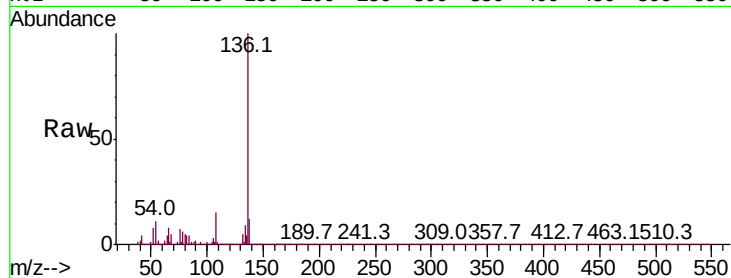
Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	159935
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.8	13.2
54 11.0	8.8	13.2
68 5.4	4.6	6.8



#22

Acetophenone

Concen: 21.824 ng

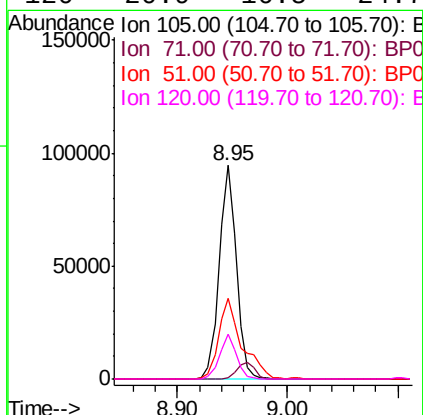
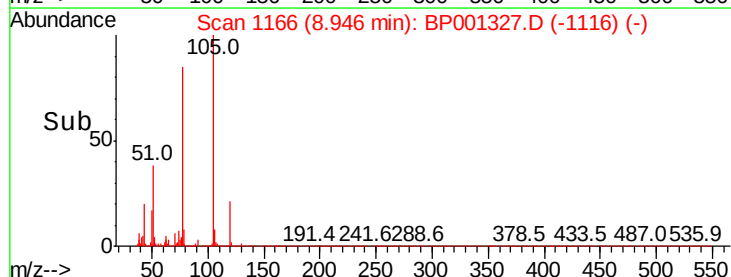
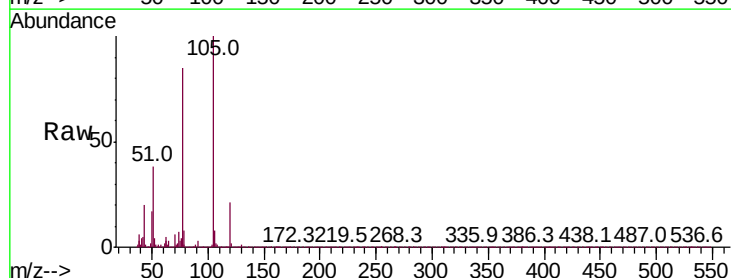
RT: 8.95 min Scan# 1166

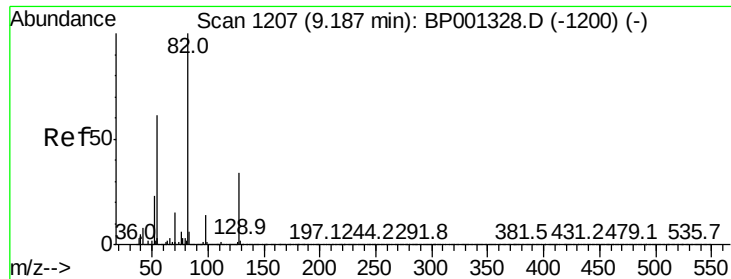
Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion:105	Resp:	102587
Ion Ratio	Lower	Upper
105 100		
71 0.7	0.8	1.2#
51 38.0	30.6	45.8
120 20.9	16.5	24.7

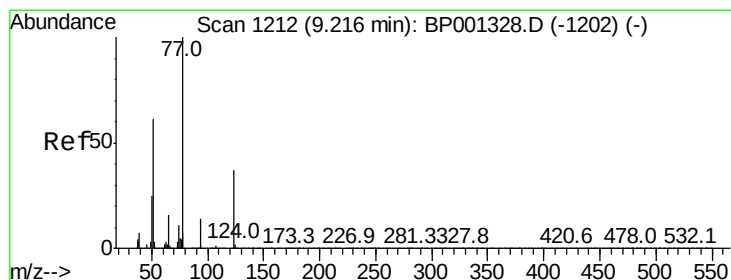
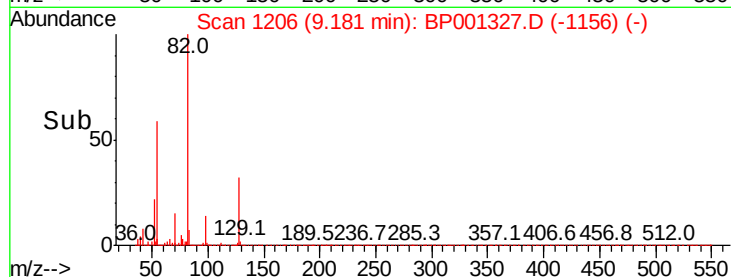
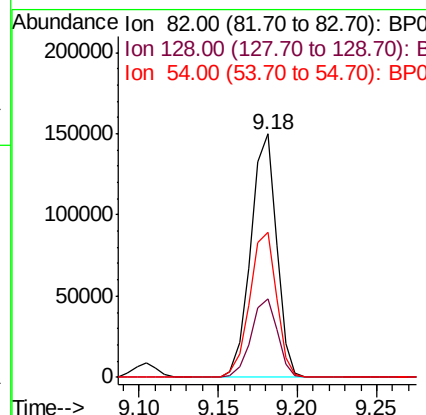
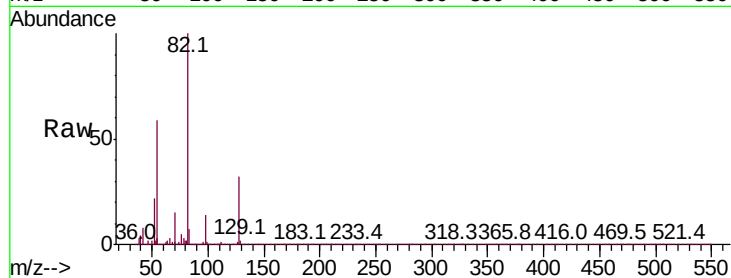




#23
 Nitrobenzene-d5
 Concen: 46.105 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BP001327.D
 Acq: 19 Dec 2019 16:50

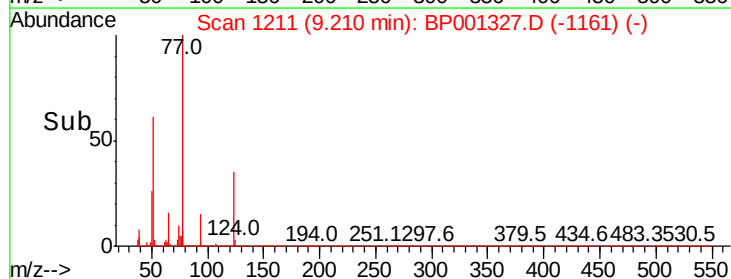
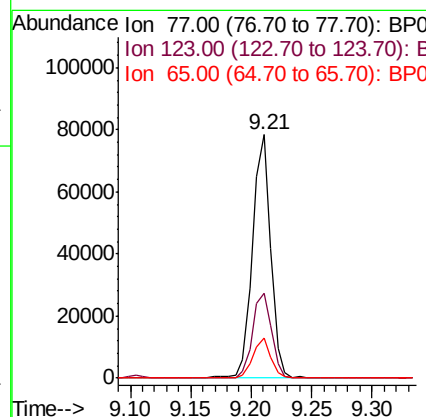
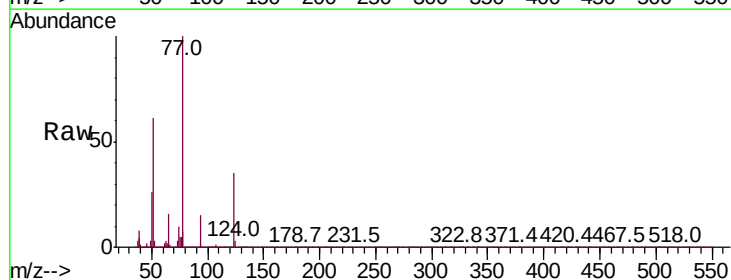
Instrument :
 BNA_P
 ClientSampleId :

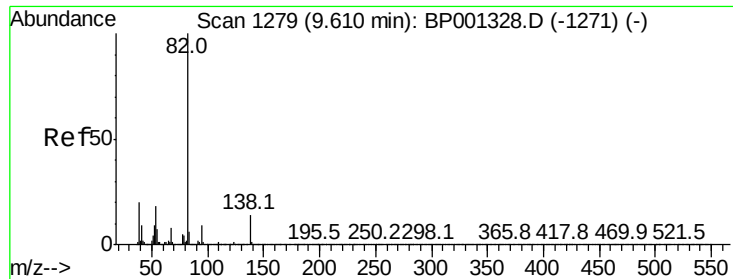
Tot Ion	82	Resp	169959
Ion Ratio	100	Lower	Upper
128	32.4	27.0	40.4
54	59.4	49.0	73.4



#24
 Nitrobenzene
 Concen: 22.609 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BP001327.D
 Acq: 19 Dec 2019 16:50

Tgt Ion	77	Resp	82878
Ion Ratio	100	Lower	Upper
123	35.0	29.4	44.0
65	16.4	12.4	18.6

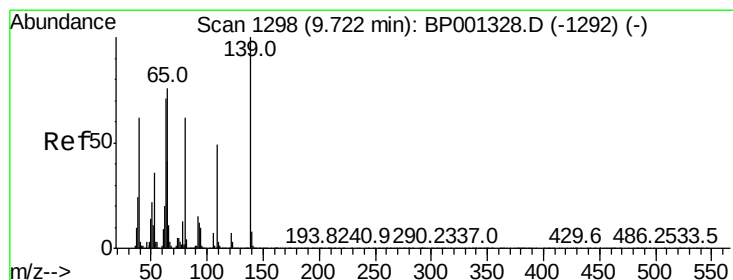
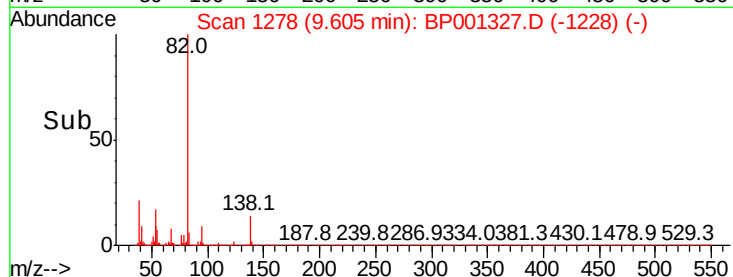
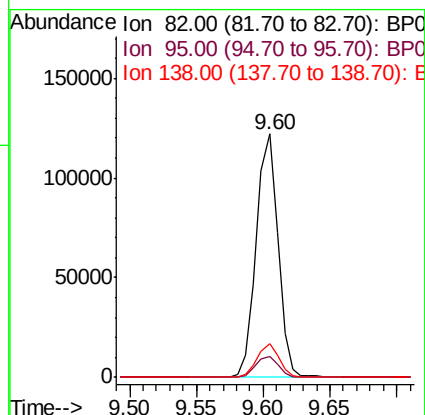
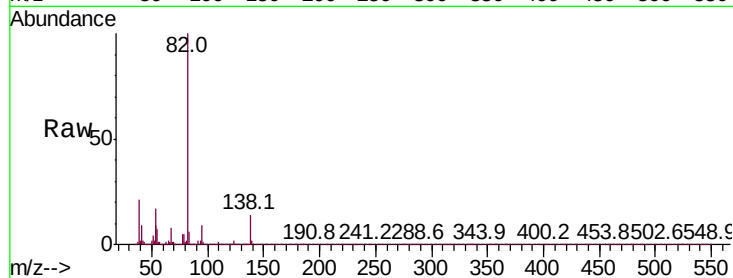




#25
Isophorone
Concen: 20.684 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

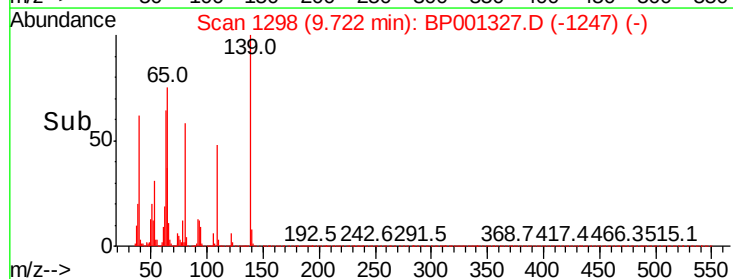
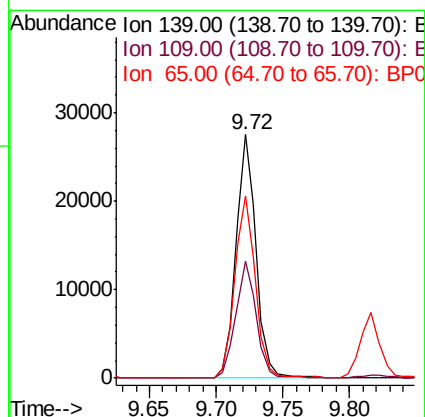
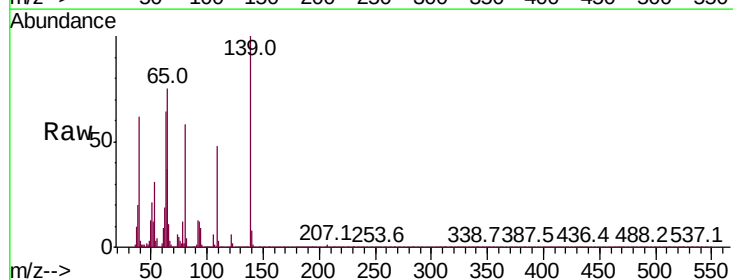
Instrument :
BNA_P
ClientSampleId :

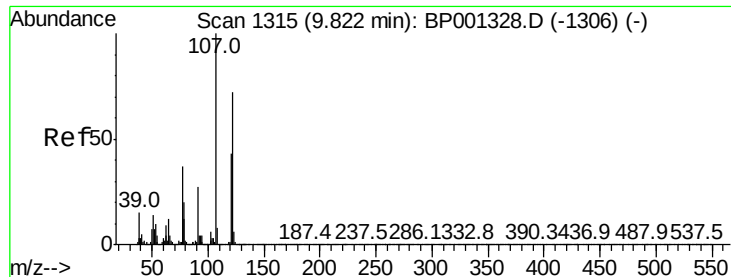
Tot Ion	82	Resp	136730
Ion Ratio	Lower	Upper	
82	100		
95	8.8	7.3	10.9
138	13.8	11.5	17.3



#26
2-Nitrophenol
Concen: 21.523 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	139	Resp	28899
Ion Ratio	Lower	Upper	
139	100		
109	47.8	39.1	58.7
65	74.8	61.2	91.8

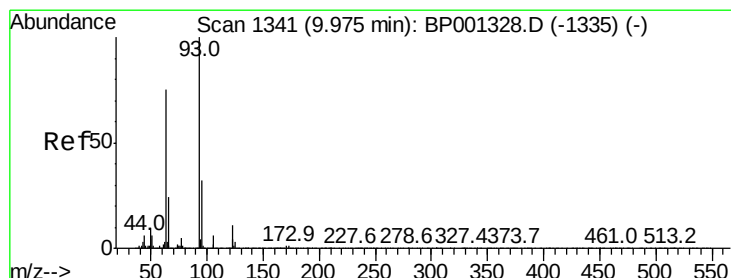
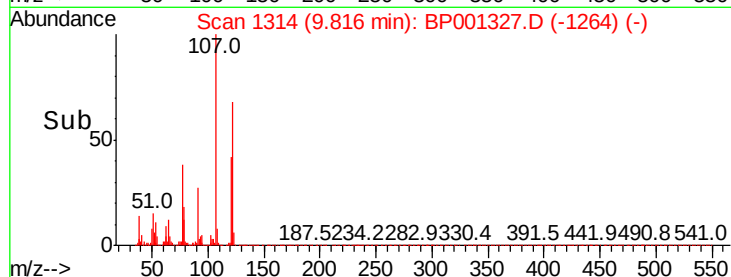
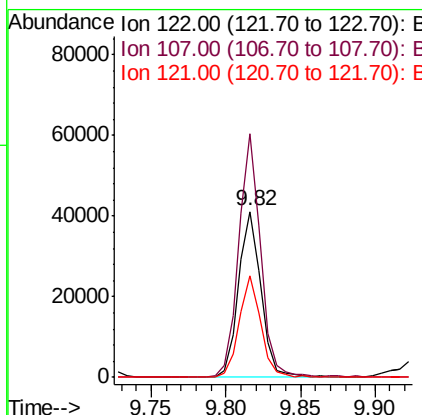
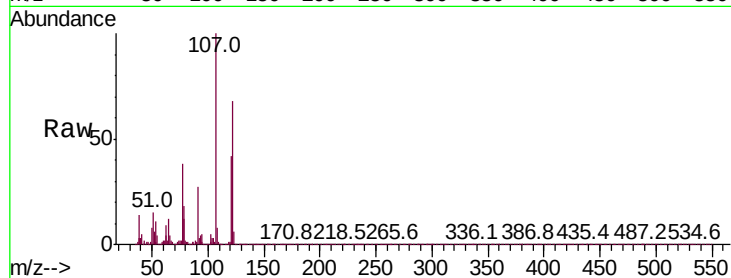




#27
2,4-Dimethylphenol
Concen: 20.389 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

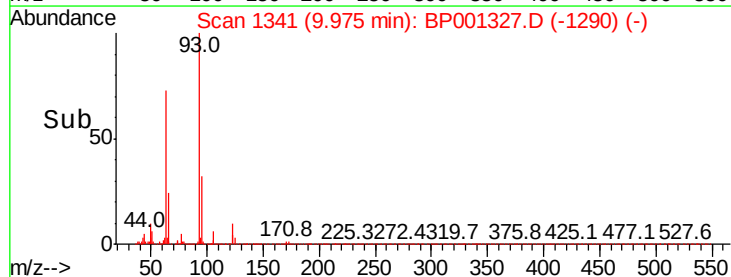
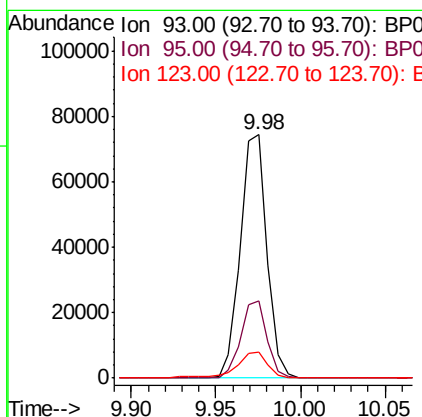
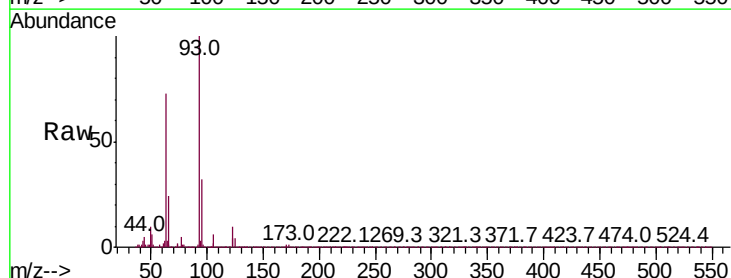
Instrument :
BNA_P
ClientSampleId :

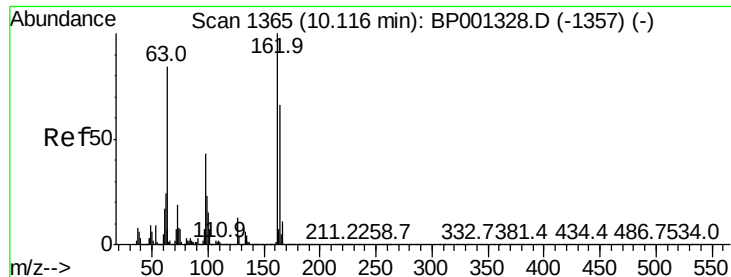
Tot Ion	Ratio	Lower	Upper
122	100		
107	146.9	111.9	167.9
121	61.5	47.9	71.9



#28
bis(2-Chloroethoxy)methane
Concen: 19.661 ng
RT: 9.98 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.4	38.0
123	10.4	8.8	13.2

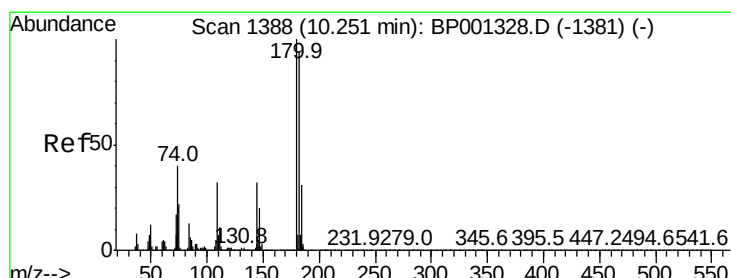
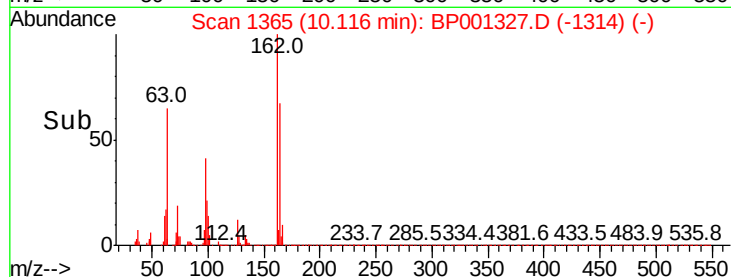
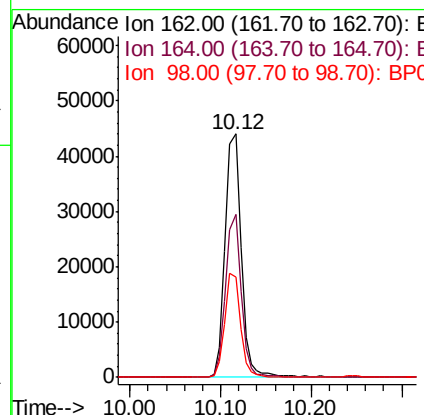
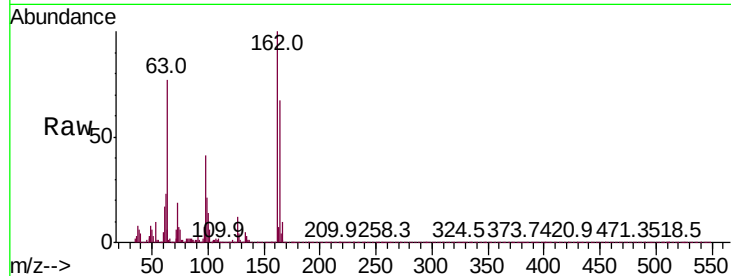




#29
2,4-Dichlorophenol
Concen: 22.465 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

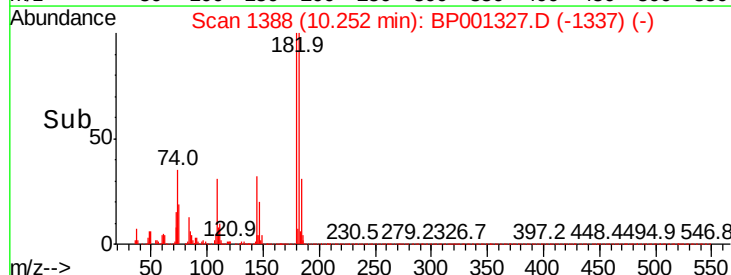
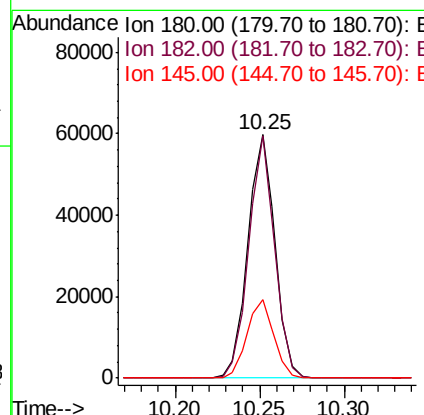
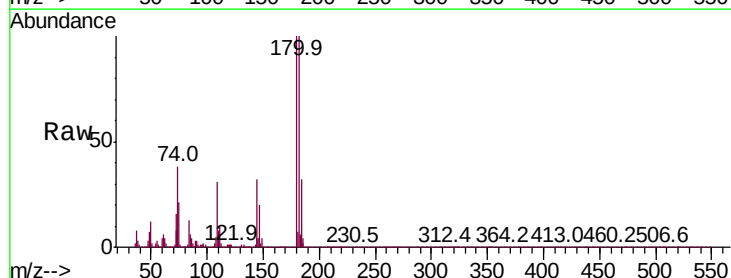
Instrument :
BNA_P
ClientSampled :

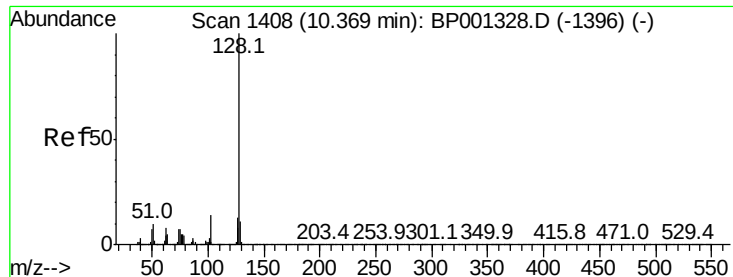
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	45.9	85.9
98	41.2	23.2	63.2



#30
1,2,4-Trichlorobenzene
Concen: 23.555 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	75.0	112.6
145	32.0	25.8	38.8

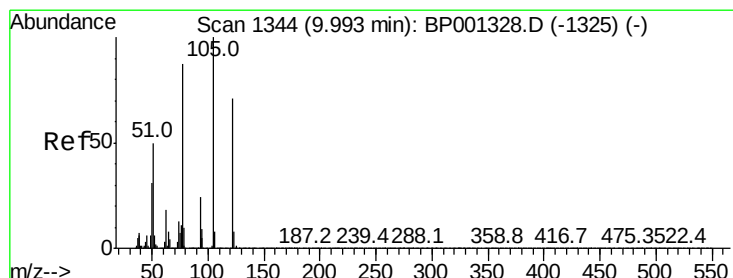
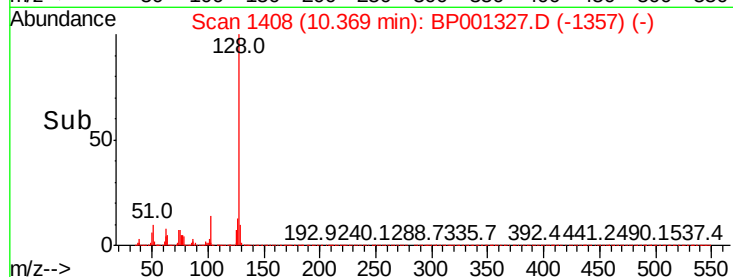
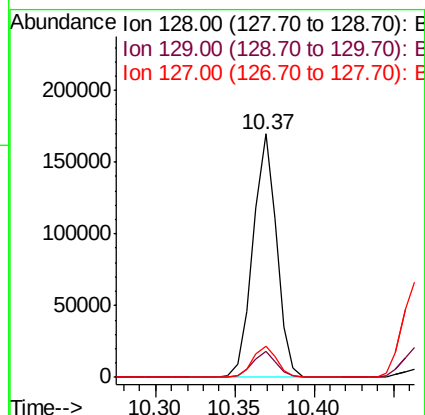
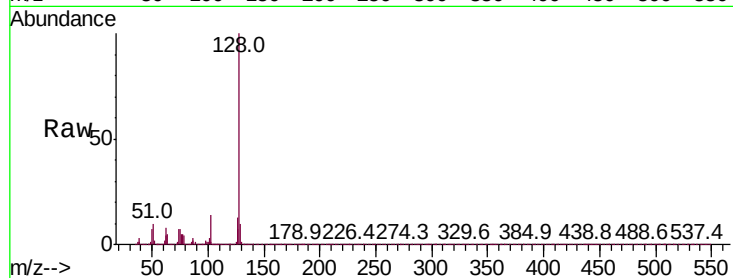




#31
Naphthalene
Concen: 21.508 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

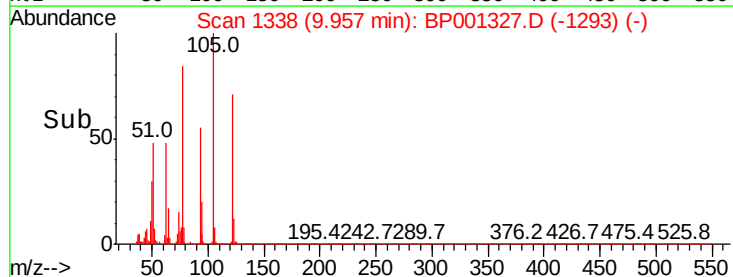
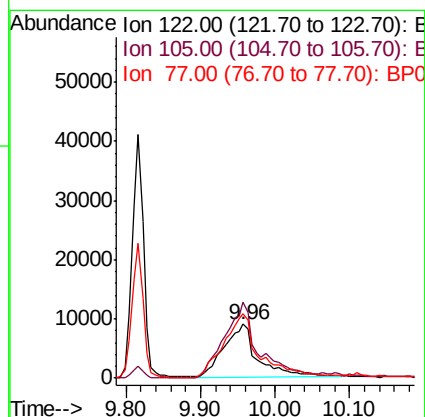
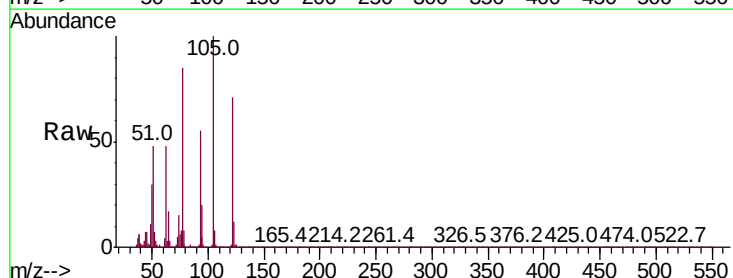
Instrument :
BNA_P
ClientSampleId :

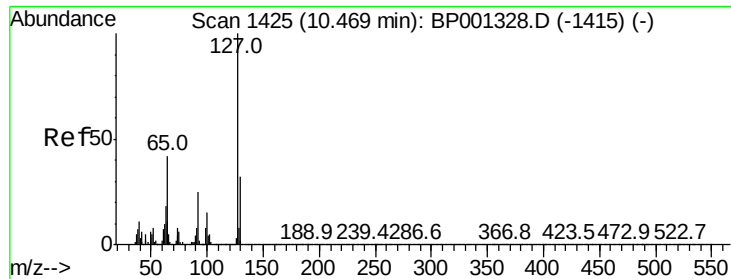
Tot Ion:128 Resp: 175687
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.8 10.7 16.1



#32
Benzoic acid
Concen: 18.525 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.04 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion:122 Resp: 28484
Ion Ratio Lower Upper
122 100
105 141.0 118.5 158.5
77 119.7 101.3 141.3

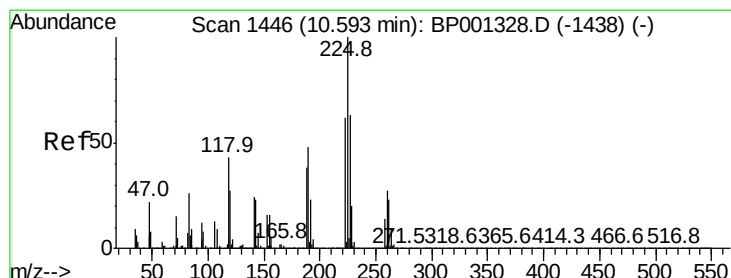
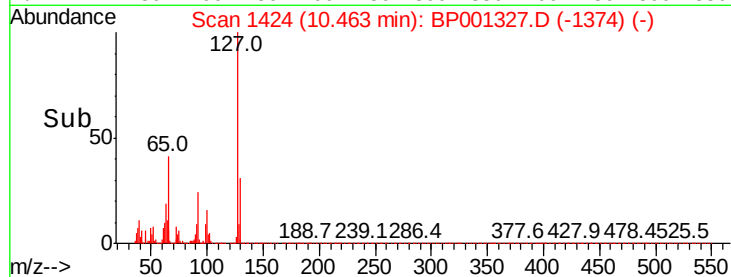
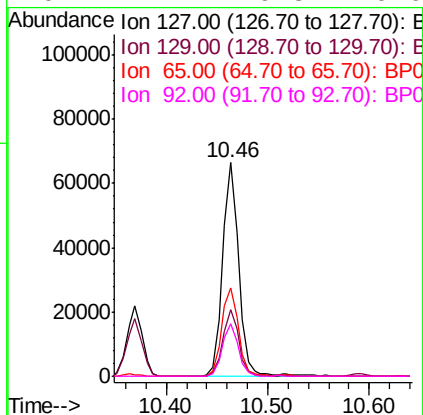
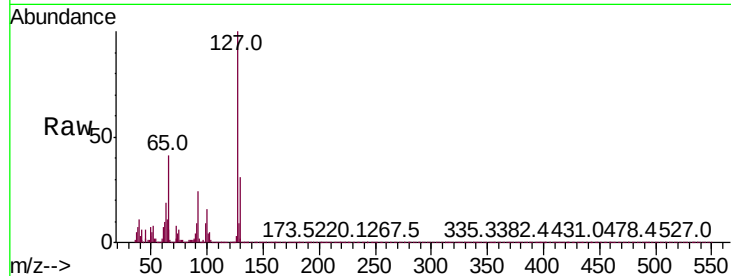




#33
4-Chloroaniline
Concen: 20.682 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

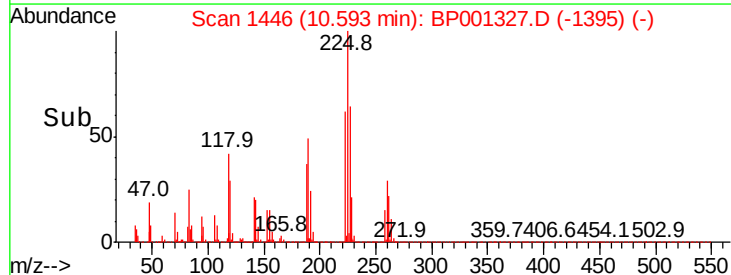
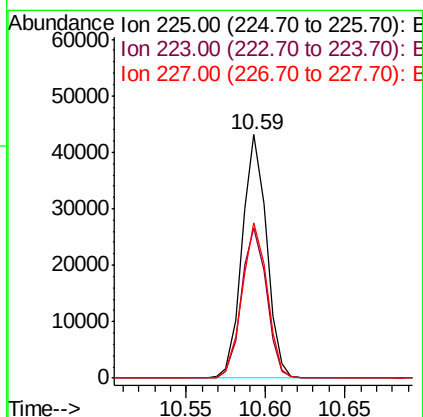
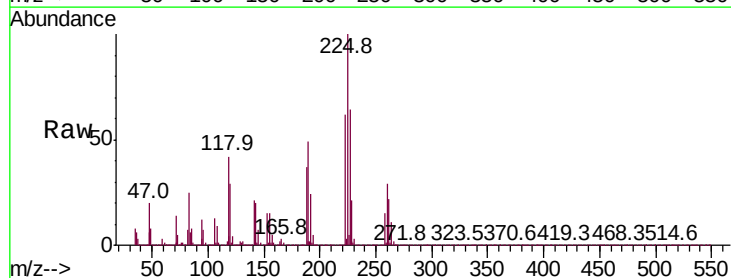
Instrument :
BNA_P
ClientSampled :

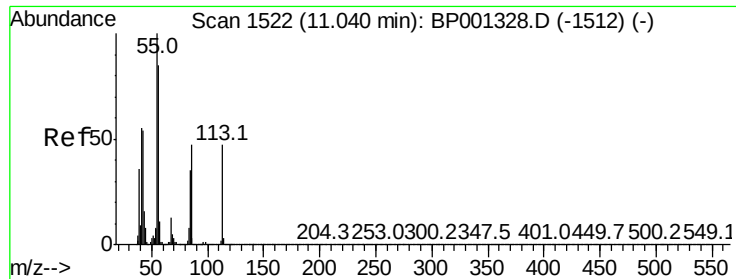
Tot Ion:	127	Resp:	73309
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.2	37.8
65	41.2	33.6	50.4
92	24.4	19.8	29.6



#34
Hexachlorobutadiene
Concen: 25.829 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion:	225	Resp:	45938
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.2	73.8
227	63.8	50.3	75.5

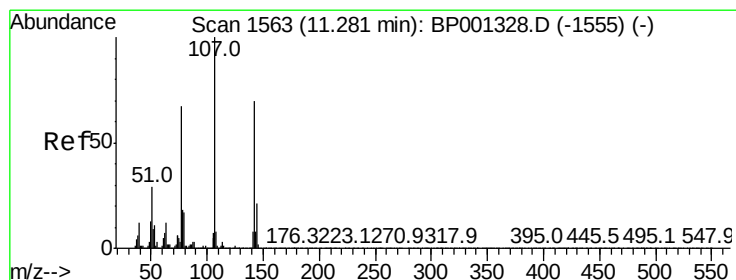
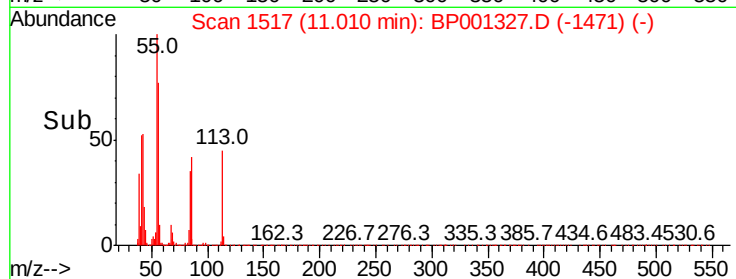
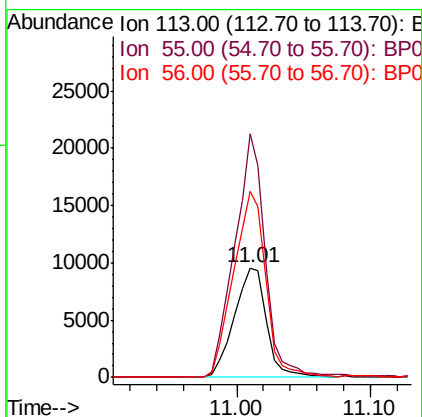
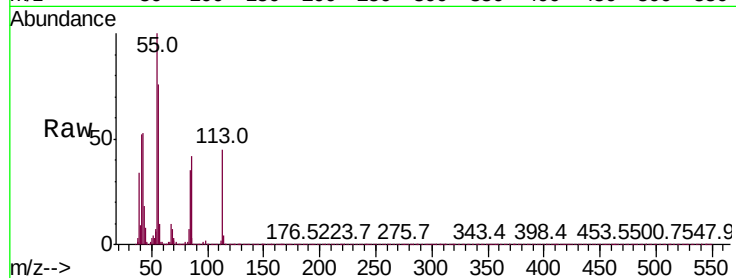




#35
Caprolactam
Concen: 19.310 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

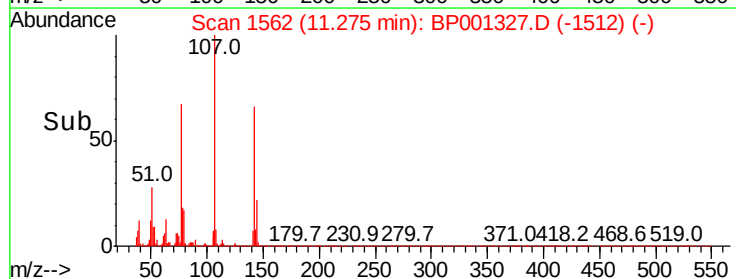
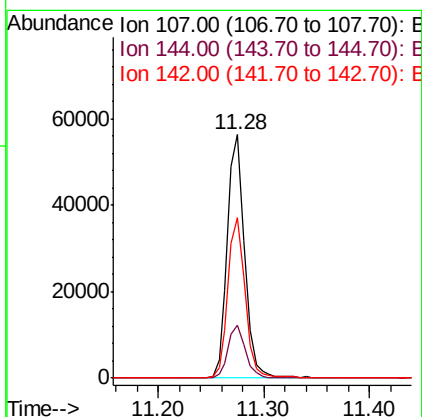
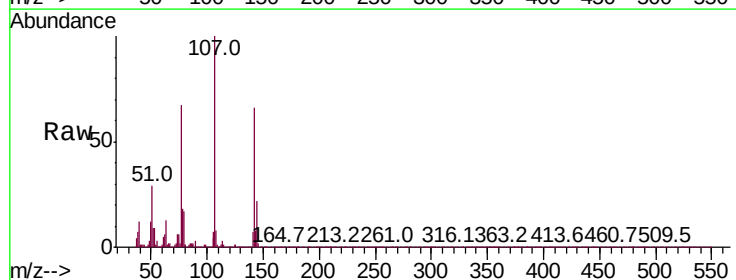
Instrument :
BNA_P
ClientSampleId :

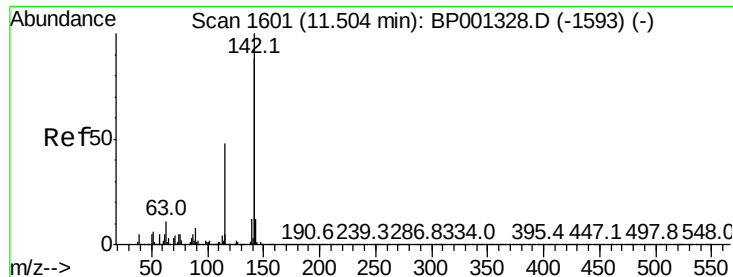
Tot Ion:113 Resp: 16109
Ion Ratio Lower Upper
113 100
55 221.9 191.5 231.5
56 169.7 160.5 200.5



#36
4-Chloro-3-methylphenol
Concen: 22.320 ng
RT: 11.28 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion:107 Resp: 64058
Ion Ratio Lower Upper
107 100
144 21.5 16.9 25.3
142 65.8 55.9 83.9

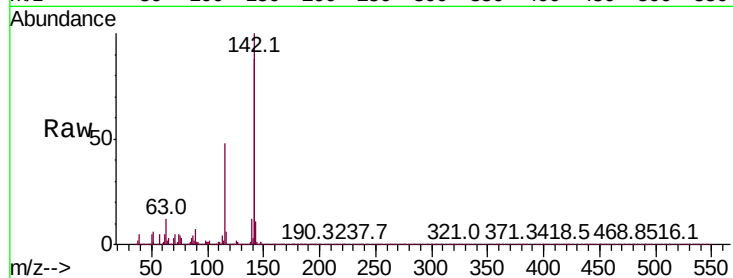




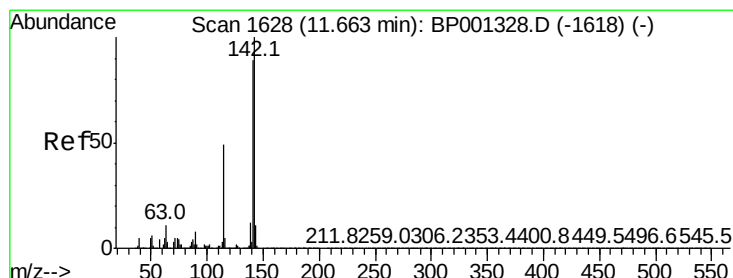
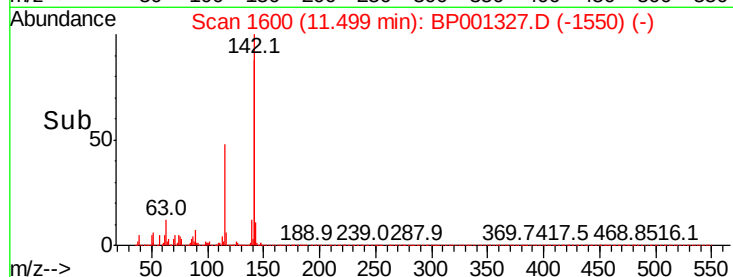
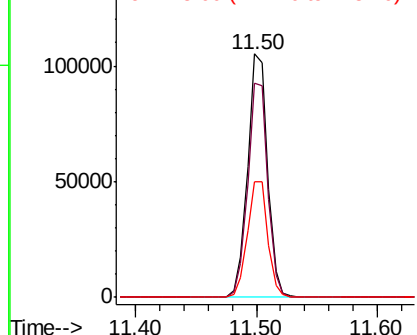
#37
2-Methylnaphthalene
Concen: 21.913 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4
115	47.7	38.7	58.1

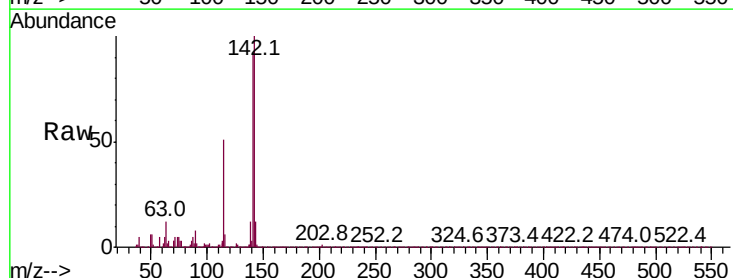


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

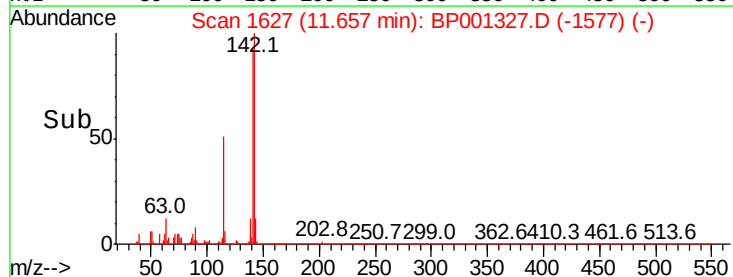
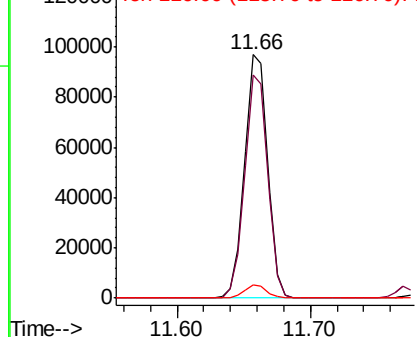


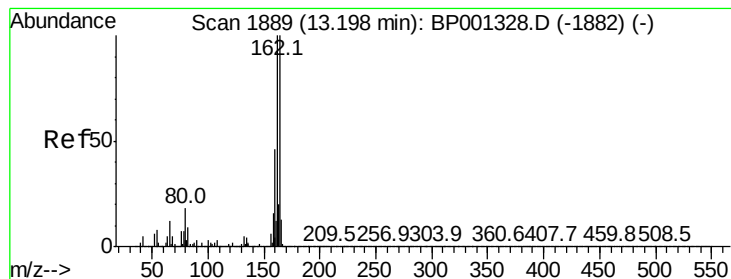
#38
1-Methylnaphthalene
Concen: 21.815 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.3	106.9
116	5.5	4.2	6.2



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: 13.20 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

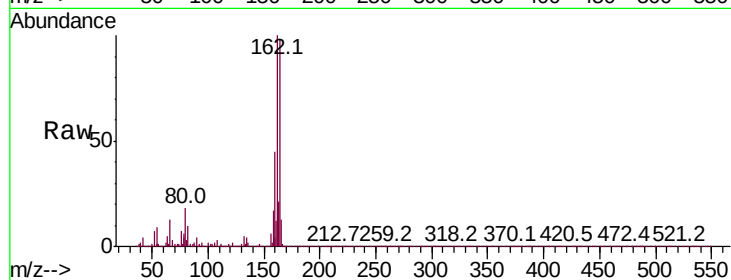
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 92838

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	46.1	36.6	54.8

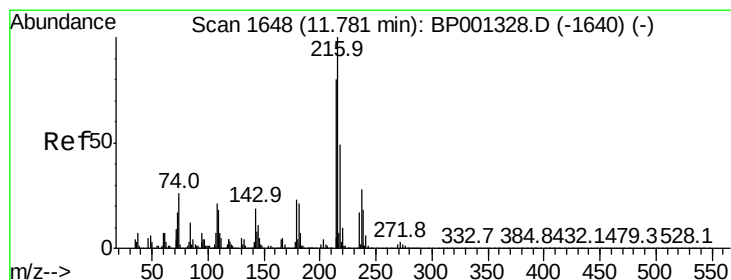
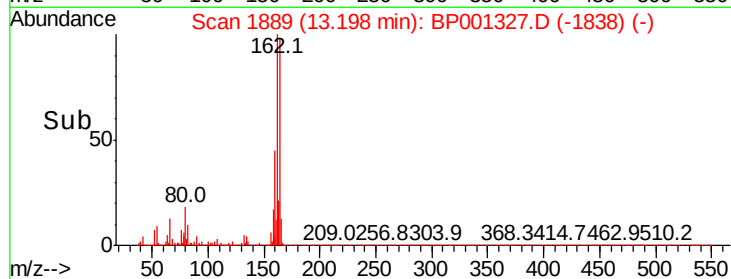


Abundance

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: 23.911 ng

RT: 11.78 min Scan# 1647

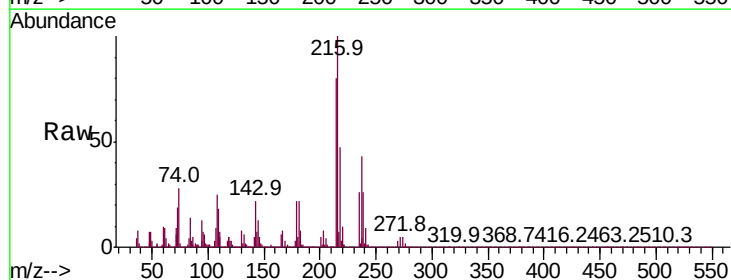
Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion:216 Resp: 69956

Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.6	94.0
179	22.2	18.1	27.1
108	22.6	18.2	27.2



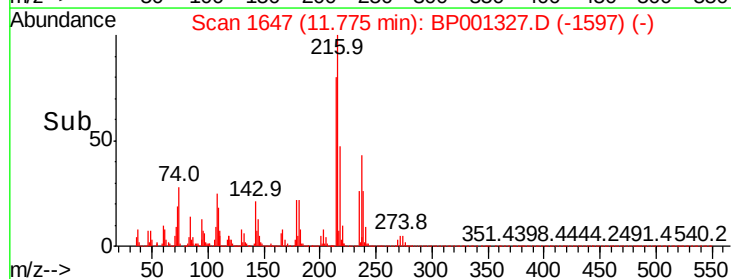
Abundance

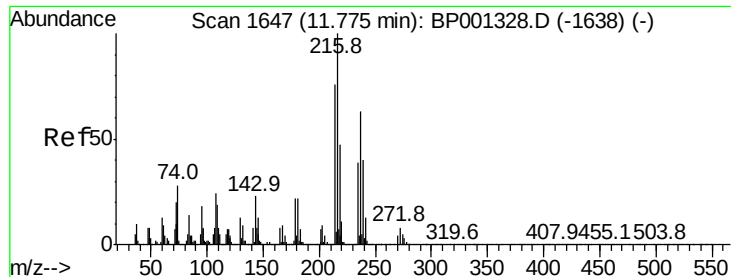
Ion 216.00 (215.70 to 216.70): E

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: 23.229 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

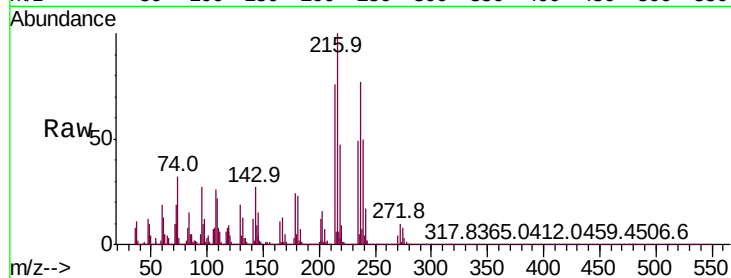
Instrument :

BNA_P

ClientSampleId :

Tot Ion:237 Resp: 31353

Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.9	81.9
272	12.6	0.0	32.0

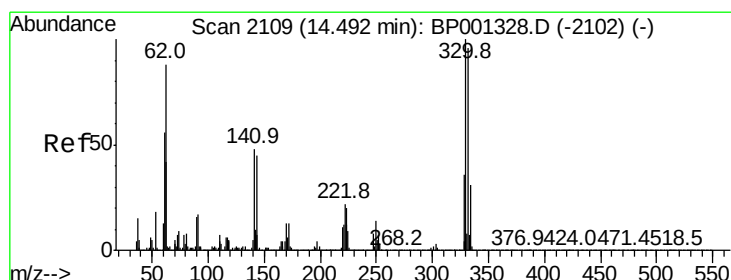
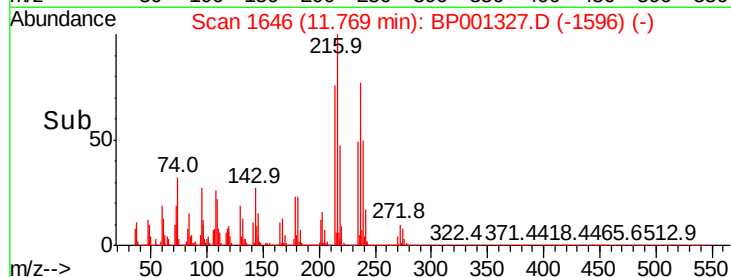
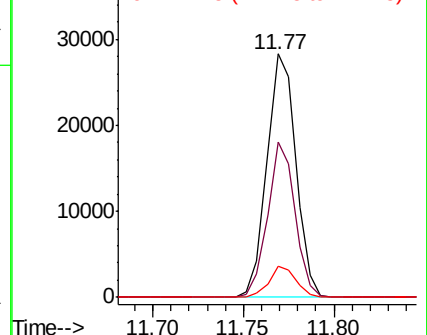


Abundance

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: 53.134 ng

RT: 14.49 min Scan# 2109

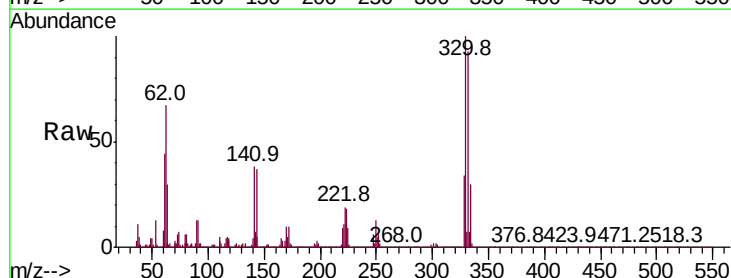
Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion:330 Resp: 47281

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.7	118.1
141	44.5	36.2	54.4

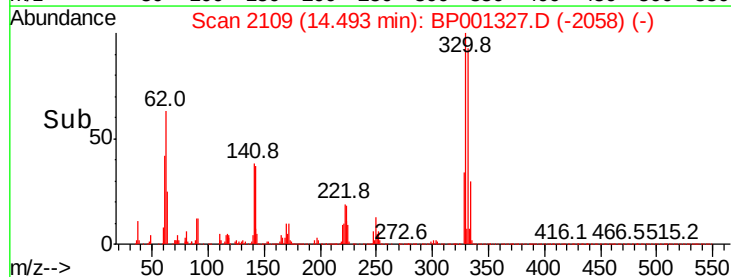
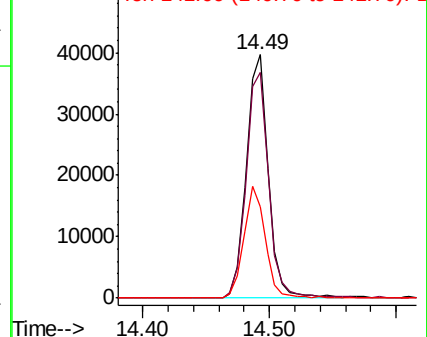


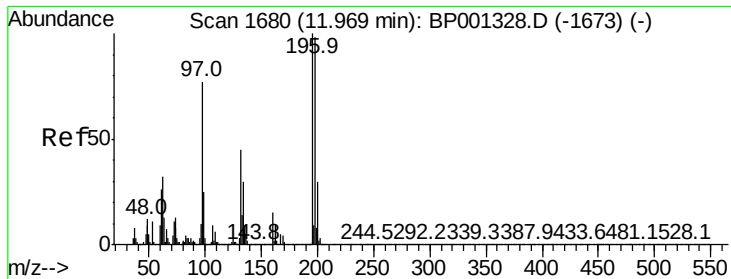
Abundance

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

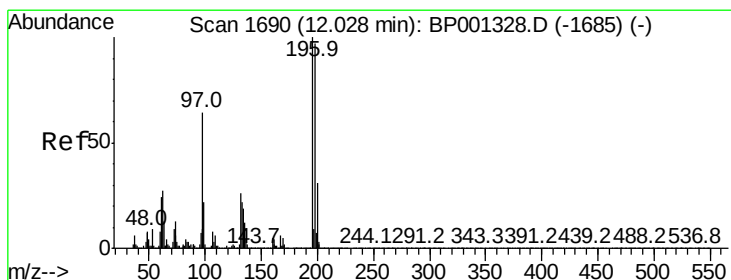
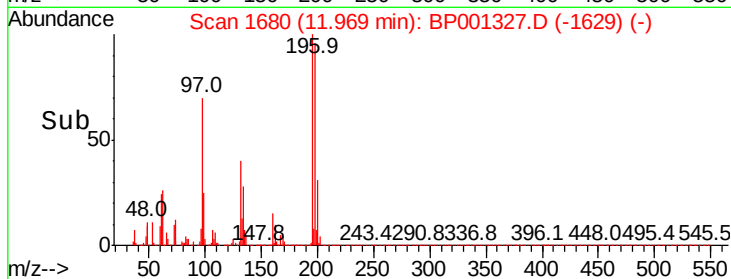
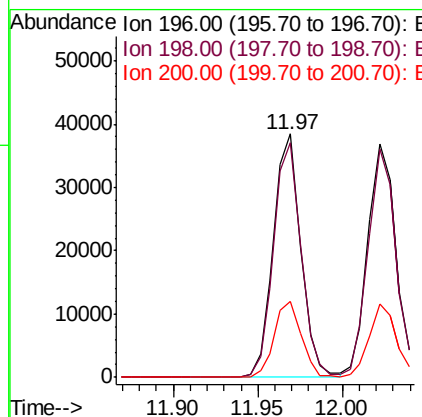
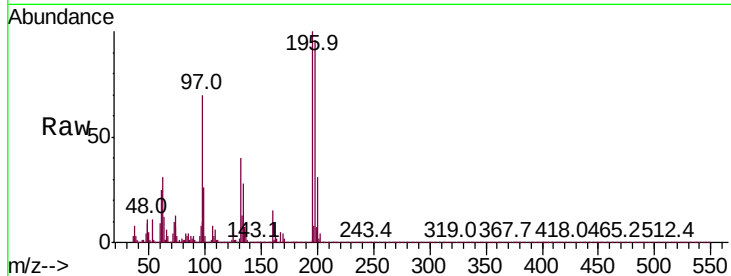




#43
 2,4,6-Trichlorophenol
 Concen: 22.532 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BP001327.D
 Acq: 19 Dec 2019 16:50

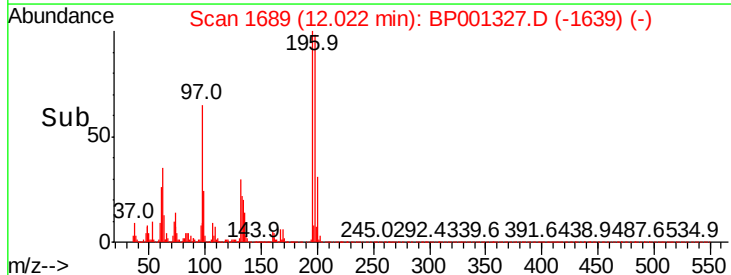
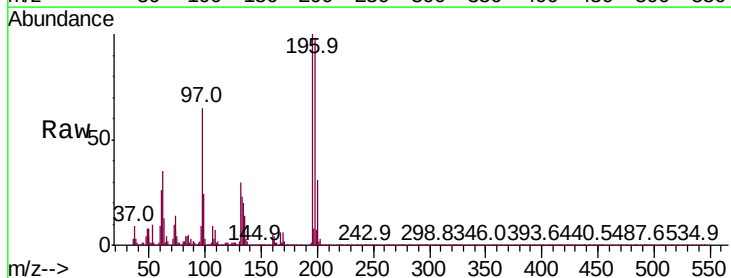
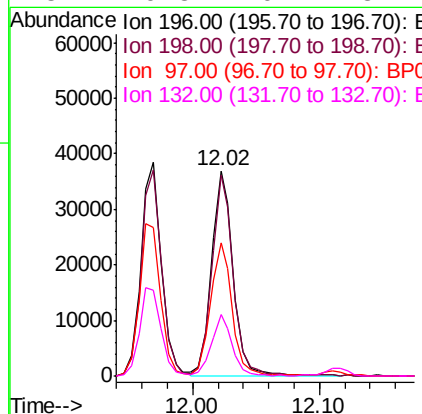
Instrument :
 BNA_P
 ClientSampled :

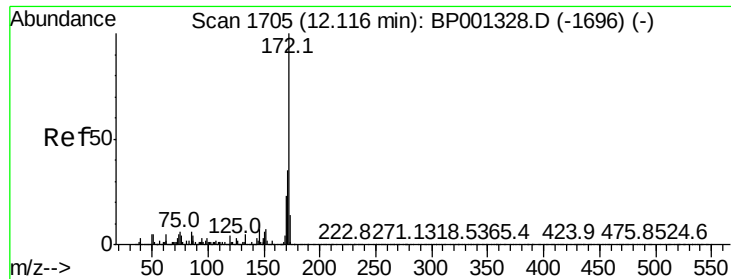
Tot Ion	196	Resp	43043
Ion Ratio	Lower	Upper	
196	100		
198	96.4	78.6	118.0
200	31.2	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 22.196 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BP001327.D
 Acq: 19 Dec 2019 16:50

Tgt Ion	196	Resp	43933
Ion Ratio	Lower	Upper	
196	100		
198	97.7	77.7	116.5
97	65.0	50.7	76.1
132	29.8	20.7	31.1

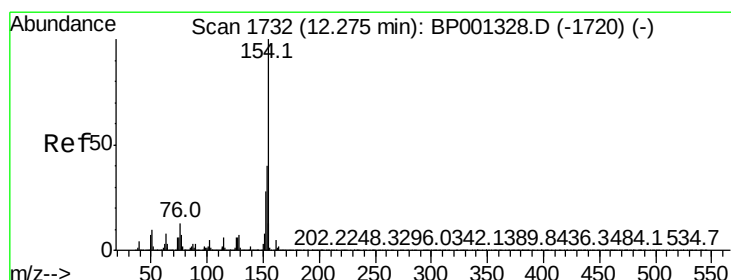
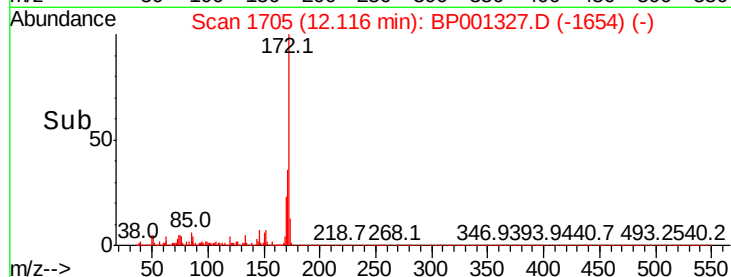
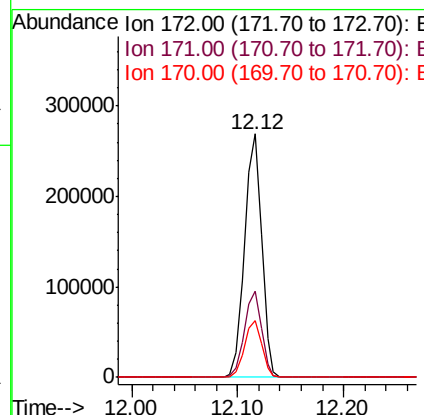
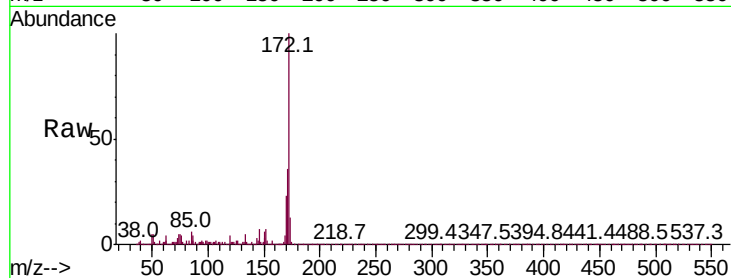




#45
2-Fluorobiphenyl
Concen: 46.835 ng
RT: 12.12 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

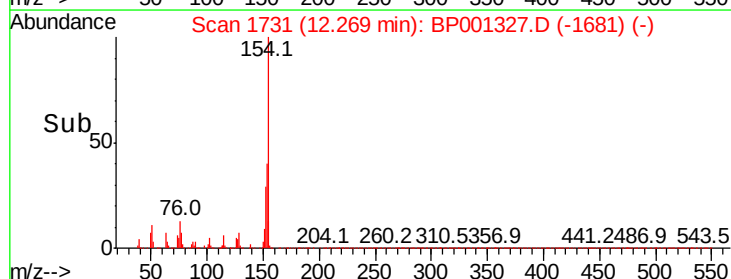
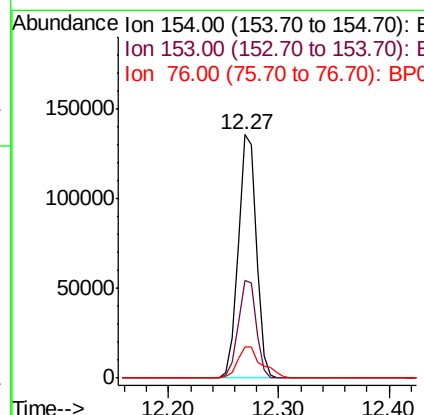
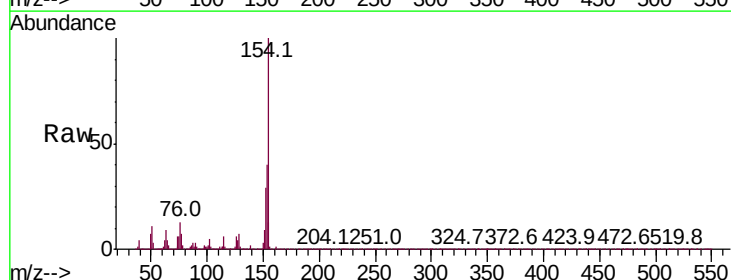
Instrument :
BNA_P
ClientSampleId :

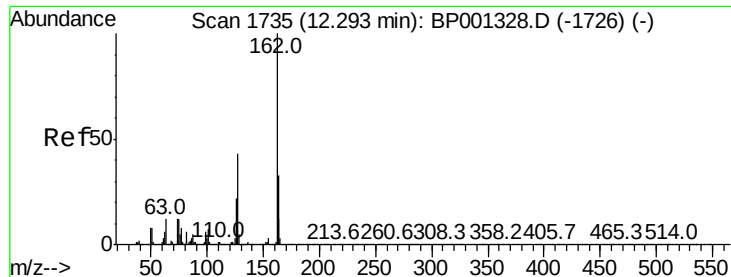
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.7	41.5
170	23.5	18.6	28.0



#46
1,1'-Biphenyl
Concen: 21.797 ng
RT: 12.27 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	13.0	0.0	33.1

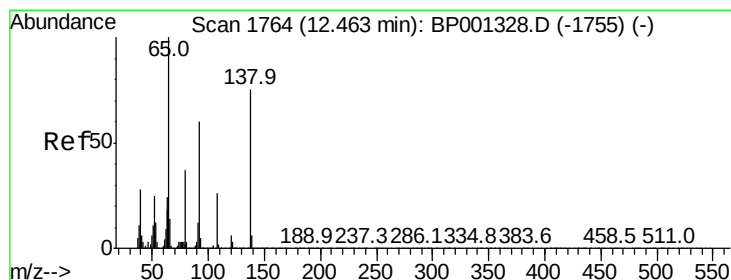
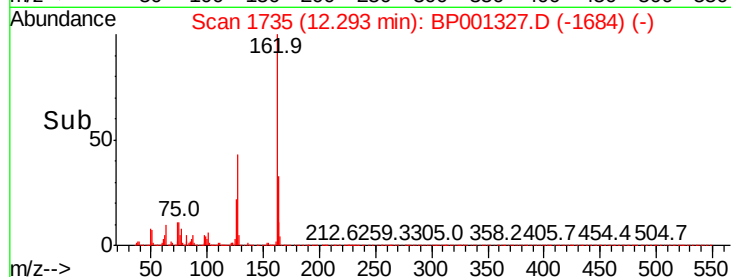
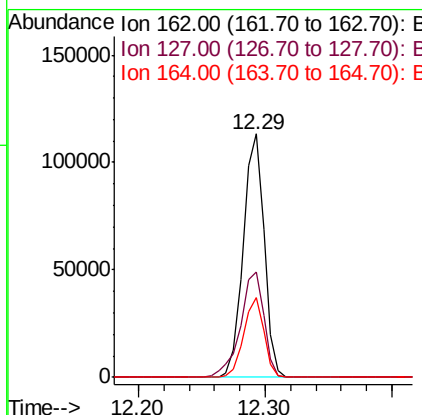
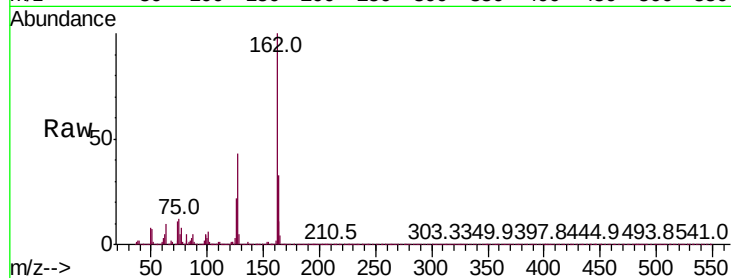




#47
2-Chloronaphthalene
Concen: 22.448 ng
RT: 12.29 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

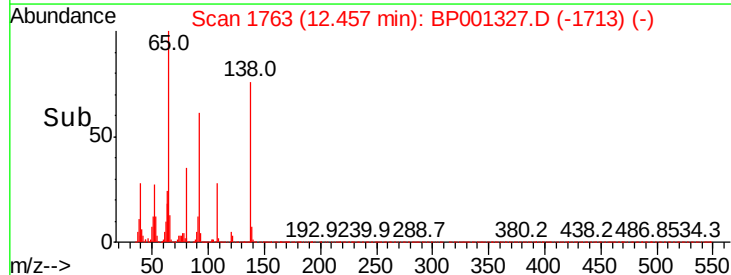
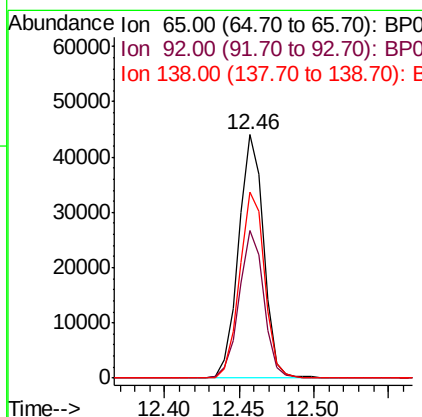
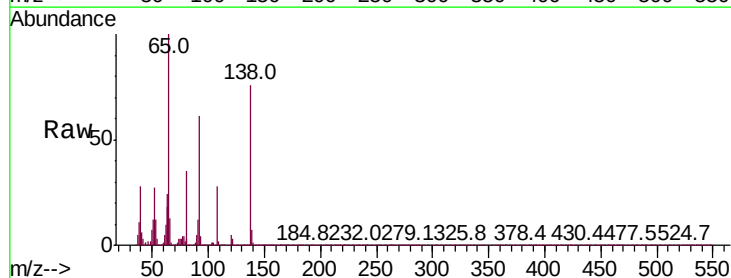
Instrument :
BNA_P
ClientSampleId :

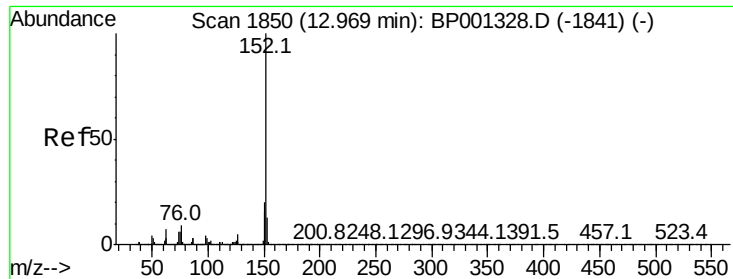
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.2	51.4
164	32.7	26.4	39.6



#48
2-Nitroaniline
Concen: 22.926 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.6	48.3	72.5
138	76.4	60.2	90.4





#49

Acenaphthylene

Concen: 21.817 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

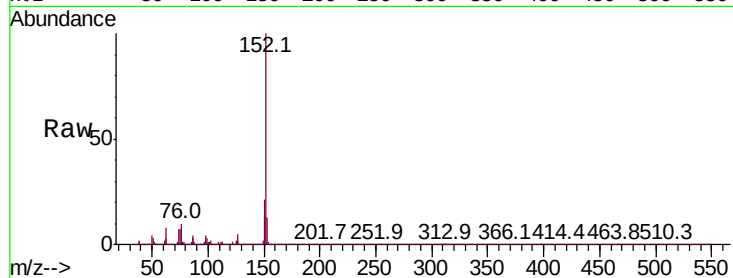
Tot Ion:152 Resp: 187423

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

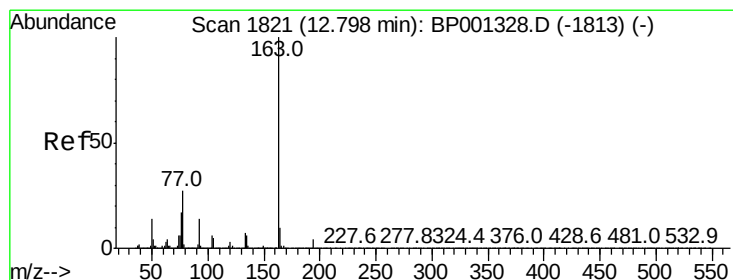
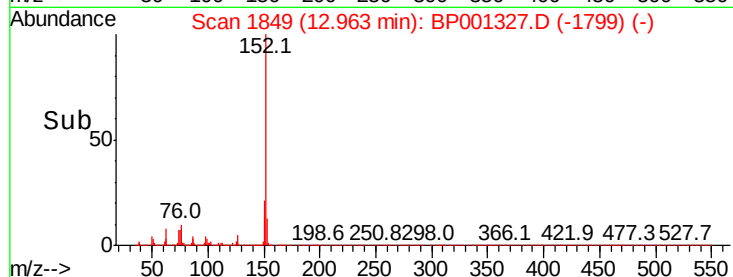
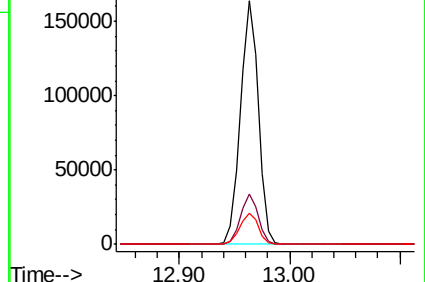
153 12.8 10.4 15.6



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: 22.404 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

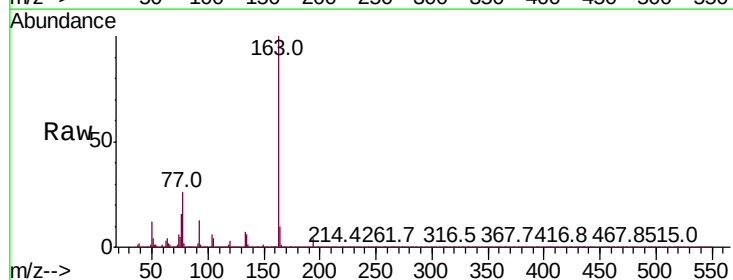
Tgt Ion:163 Resp: 155559

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

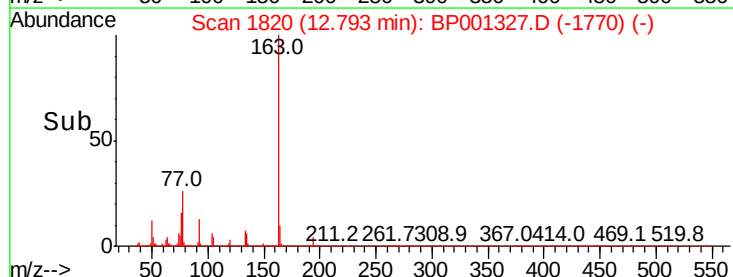
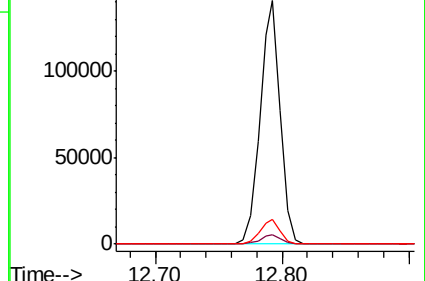
164 10.3 7.9 11.9

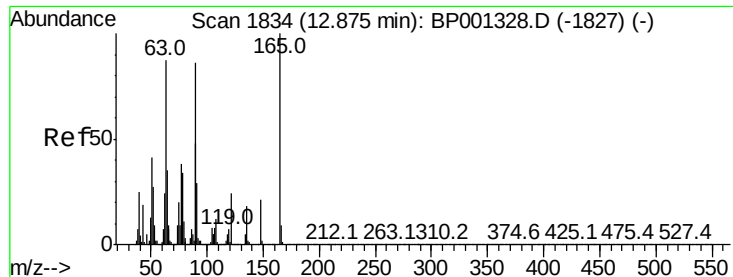


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

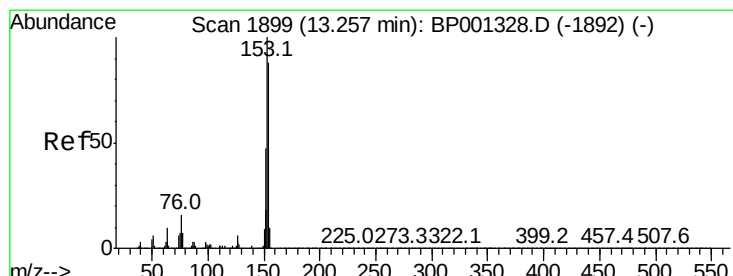
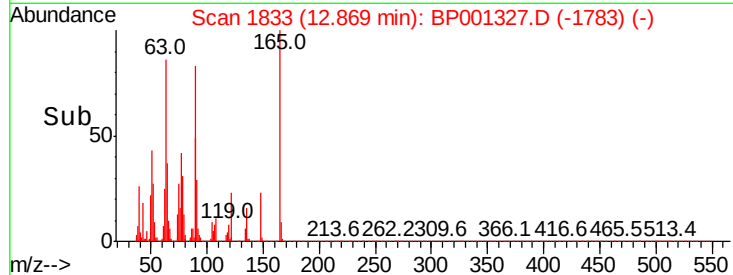
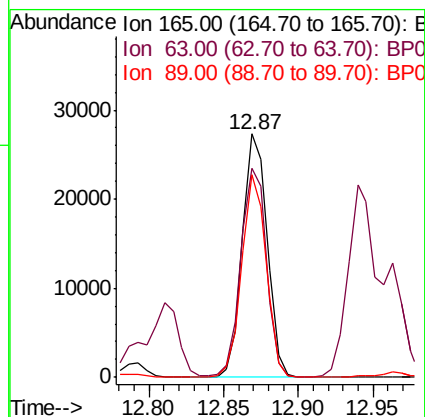
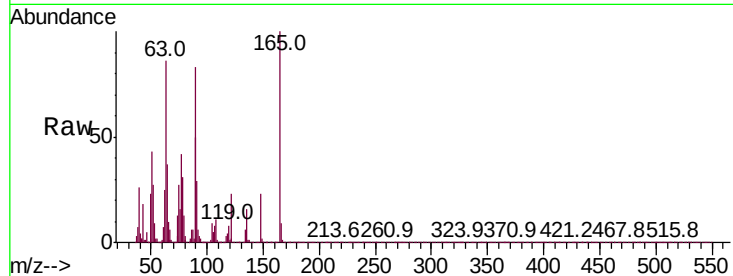




#51
2,6-Dinitrotoluene
Concen: 21.270 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

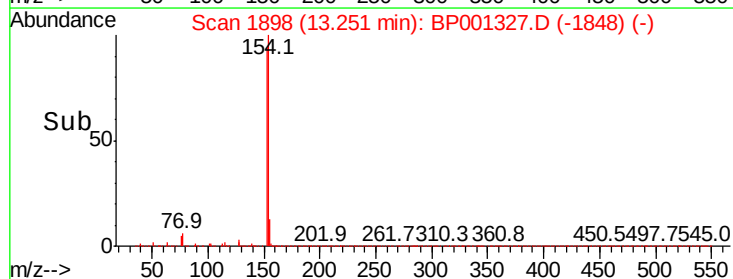
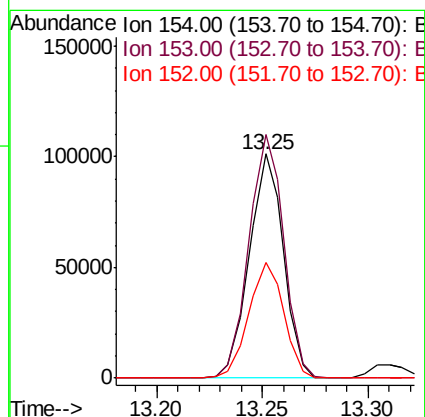
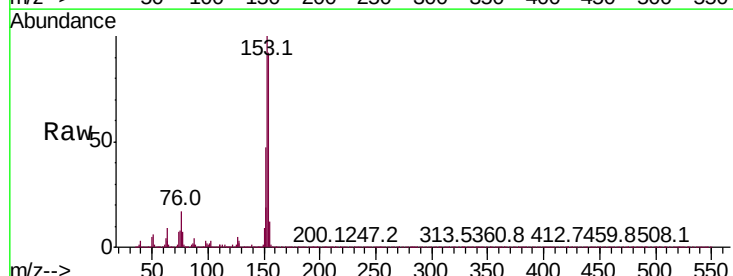
Instrument :
BNA_P
ClientSampleId :

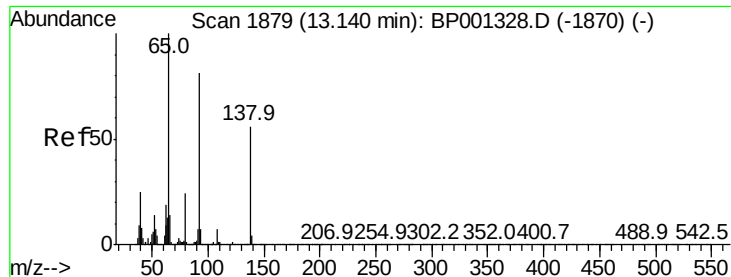
Tot Ion:165 Resp: 31615
Ion Ratio Lower Upper
165 100
63 86.1 71.3 106.9
89 83.4 68.5 102.7



#52
Acenaphthene
Concen: 22.047 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion:154 Resp: 113931
Ion Ratio Lower Upper
154 100
153 108.6 90.6 135.8
152 51.4 42.4 63.6

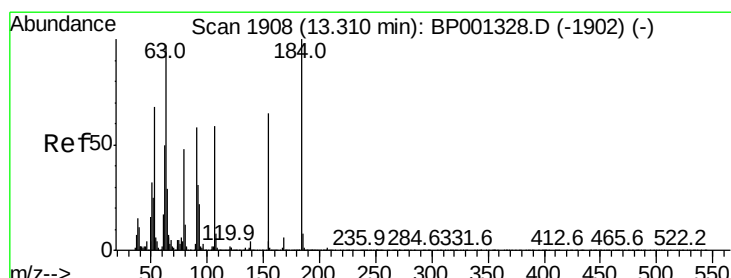
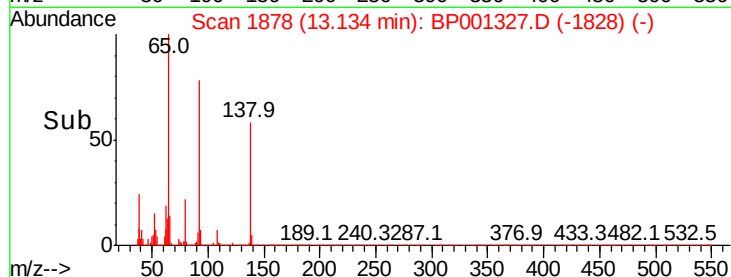
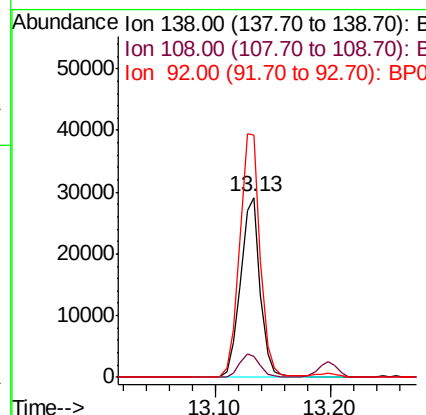
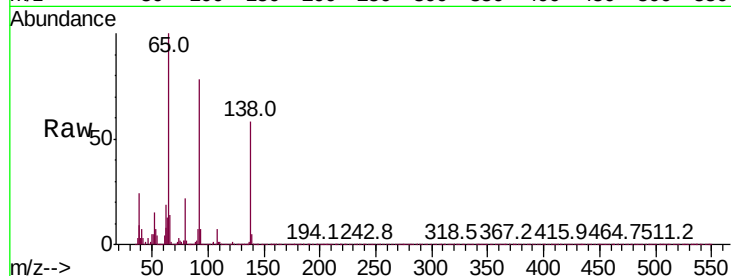




#53
3-Nitroaniline
Concen: 20.557 ng
RT: 13.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

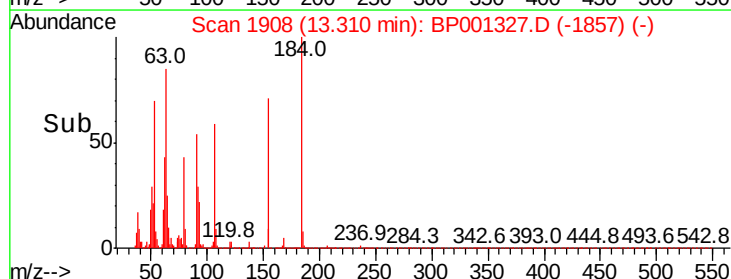
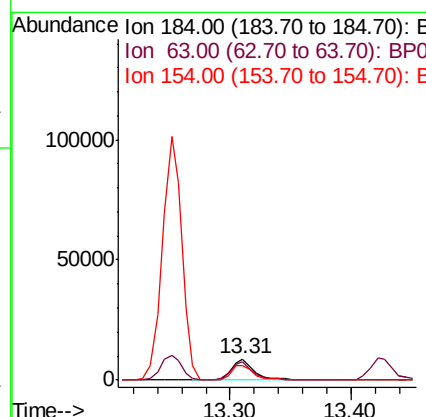
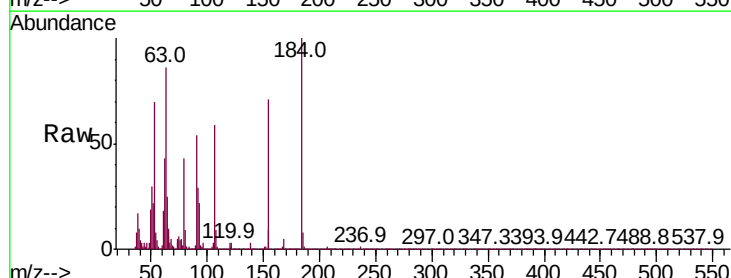
Instrument :
BNA_P
ClientSampled :

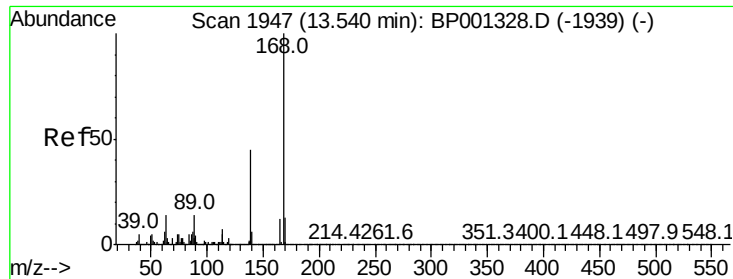
Tot Ion:138 Resp: 34324
Ion Ratio Lower Upper
138 100
108 11.8 10.1 15.1
92 134.5 114.6 172.0



#54
2,4-Dinitrophenol
Concen: 21.411 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion:184 Resp: 11160
Ion Ratio Lower Upper
184 100
63 86.0 78.6 117.8
154 71.0 62.2 93.2





#55

Dibenzofuran

Concen: 22.900 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

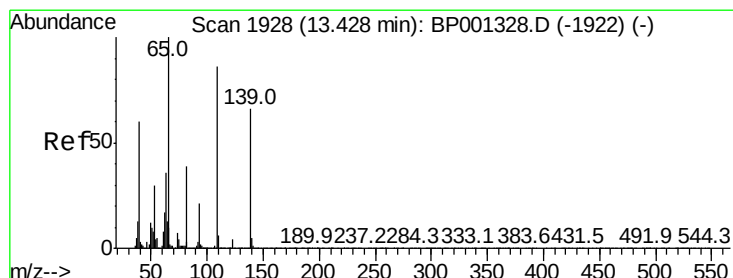
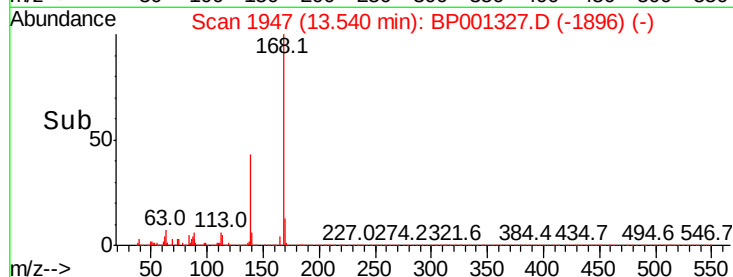
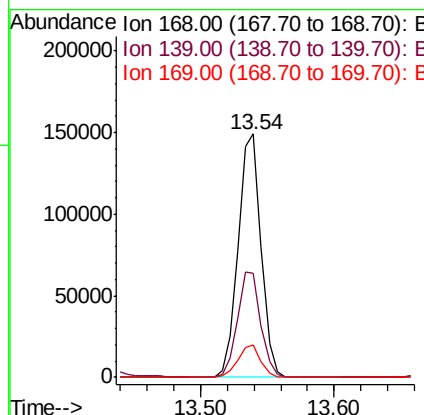
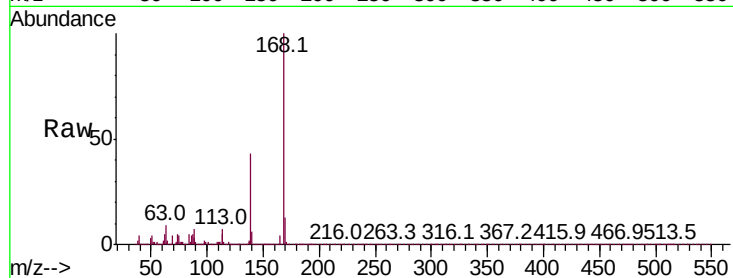
Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion:168 Resp: 177825

Ion	Ratio	Lower	Upper
168	100		
139	42.7	35.8	53.8
169	13.5	10.5	15.7



#56

4-Nitrophenol

Concen: 20.173 ng

RT: 13.42 min Scan# 1927

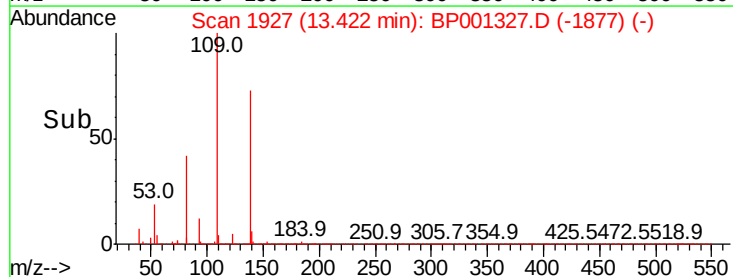
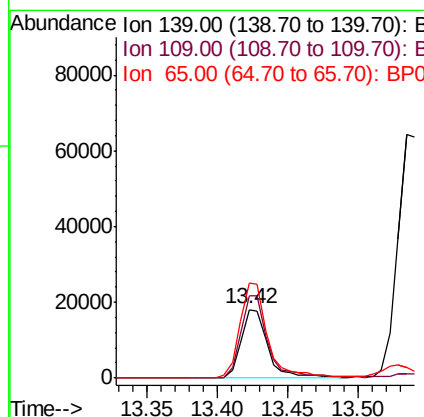
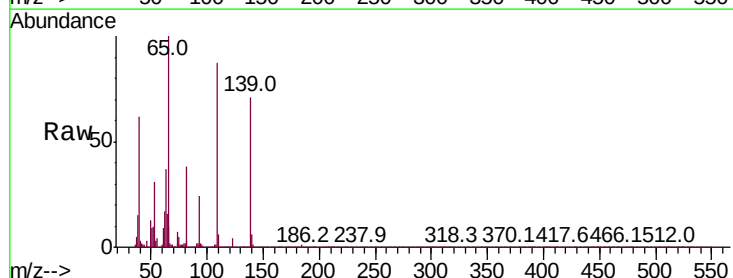
Delta R.T. -0.01 min

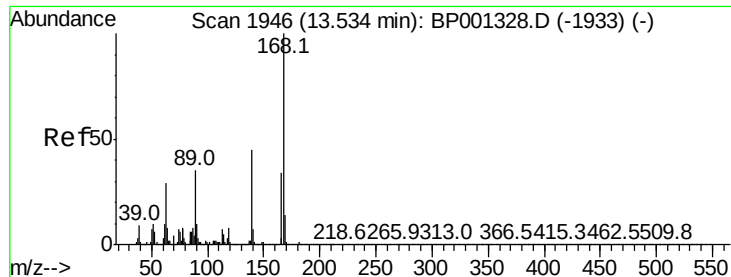
Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion:139 Resp: 23867

Ion	Ratio	Lower	Upper
139	100		
109	121.2	110.1	150.1
65	140.0	131.3	171.3





#57

2,4-Dinitrotoluene

Concen: 23.465 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 43716

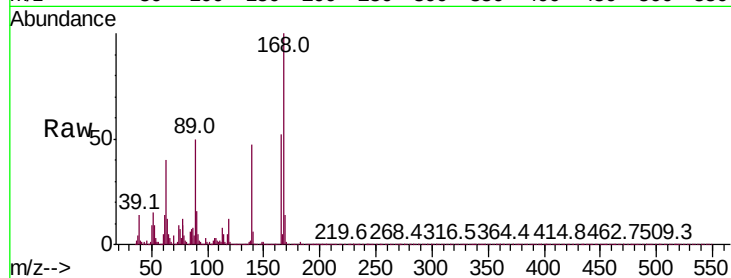
Ion Ratio Lower Upper

165 100

63 77.3 67.6 101.4

89 96.0 81.3 121.9

182 2.9 2.2 3.2

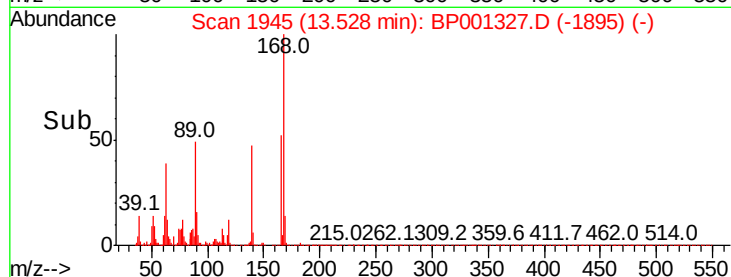


Abundance Ion 165.00 (164.70 to 165.70): E

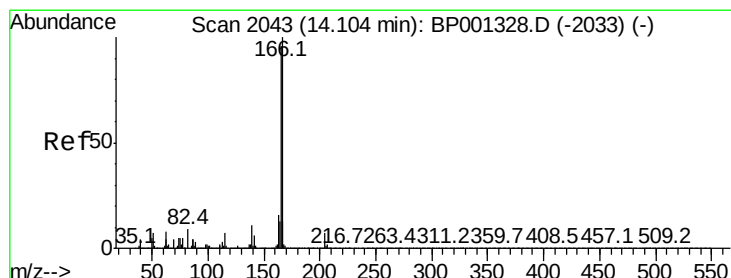
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



Time-->



#58

Fluorene

Concen: 22.587 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

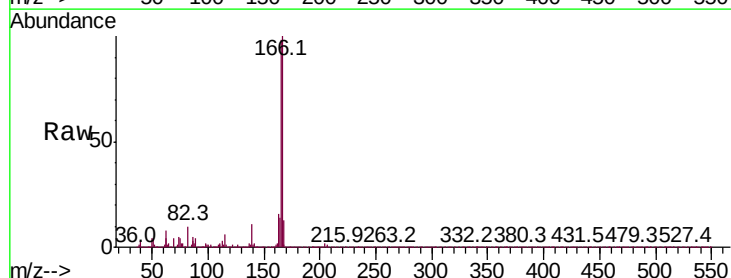
Tgt Ion:166 Resp: 140540

Ion Ratio Lower Upper

166 100

165 98.0 76.9 115.3

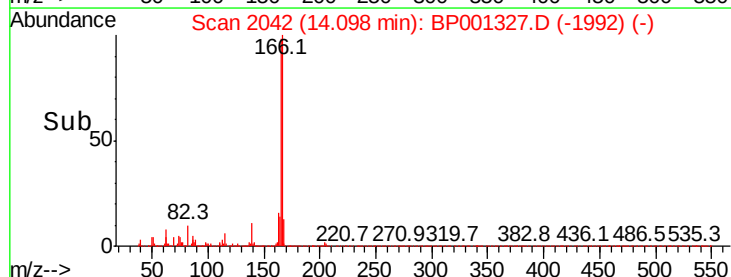
167 13.2 10.3 15.5



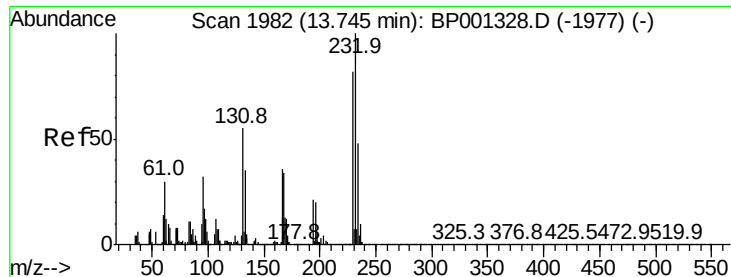
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



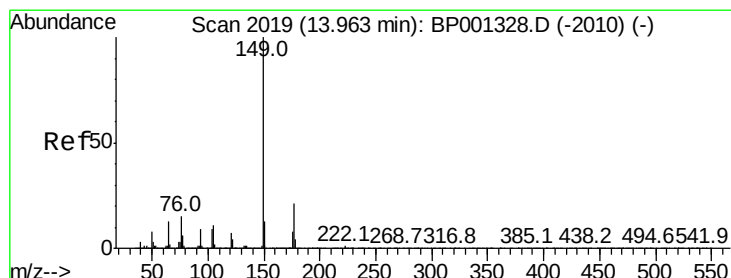
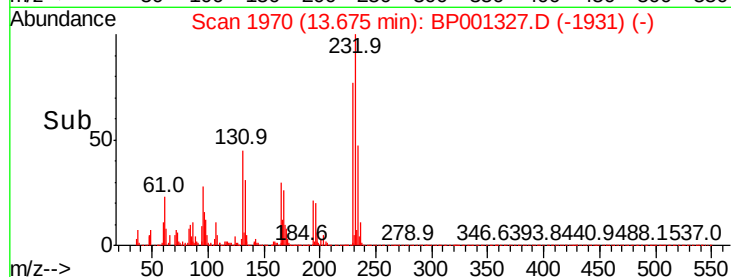
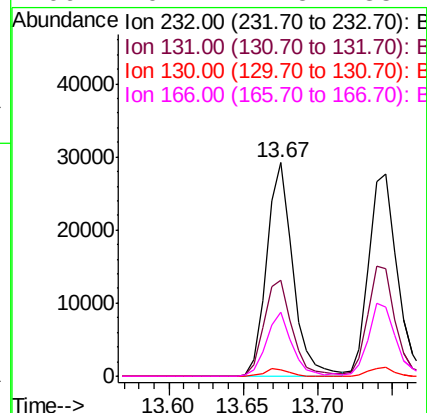
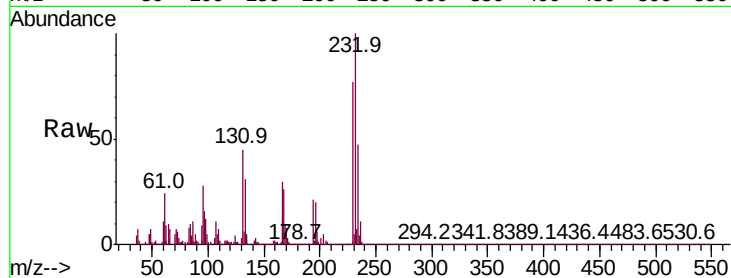
Time-->



#59
2,3,4,6-Tetrachlorophenol
Concen: 21.622 ng
RT: 13.67 min Scan# 1970
Delta R.T. -0.07 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

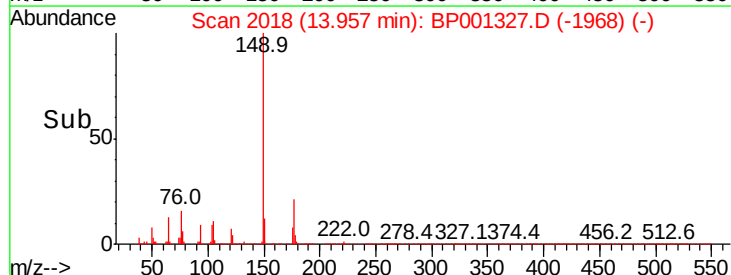
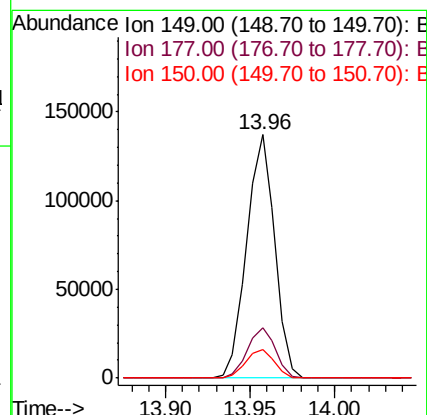
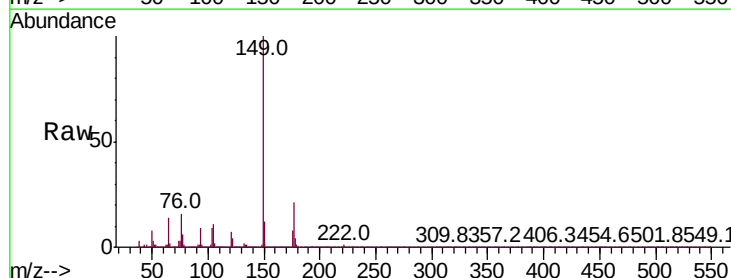
Instrument :
BNA_P
ClientSampleId :

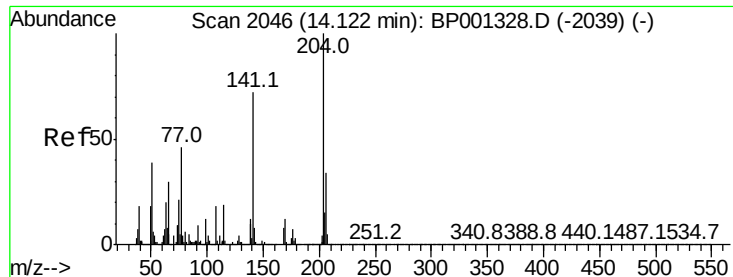
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	36.1	54.1
130	3.4	2.5	3.7
166	29.2	22.5	33.7



#60
Diethylphthalate
Concen: 22.094 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	11.7	10.2	15.4

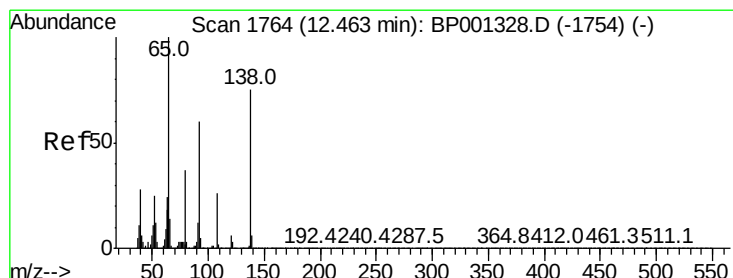
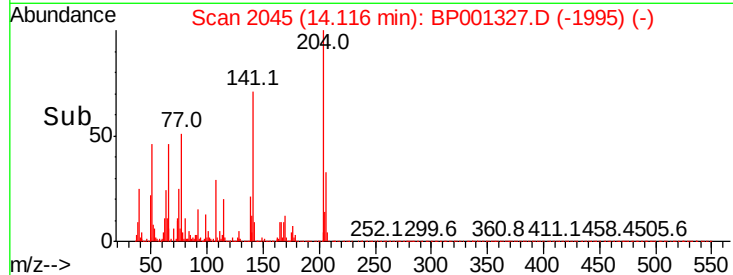
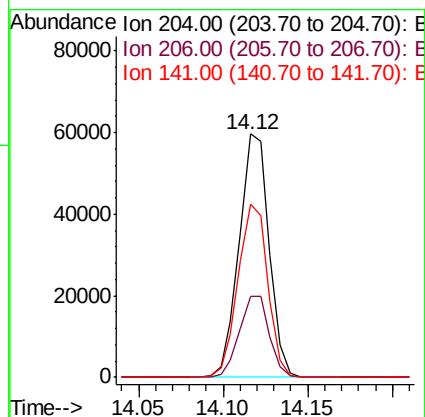
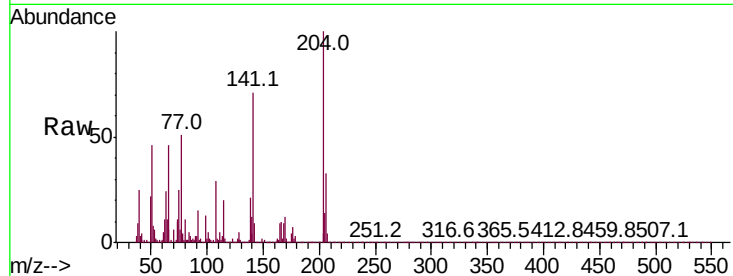




#61
4-Chlorophenyl-phenylether
Concen: 23.231 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

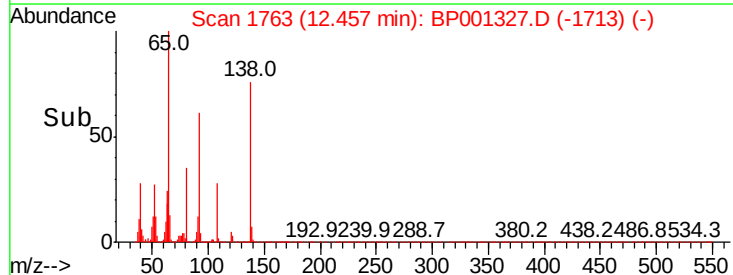
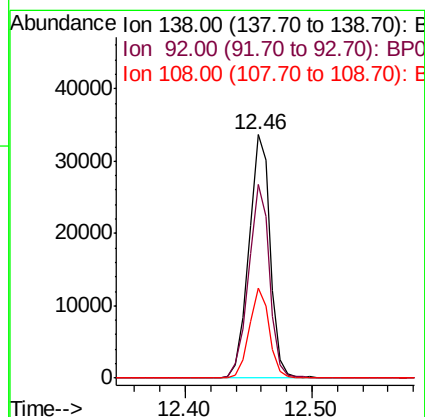
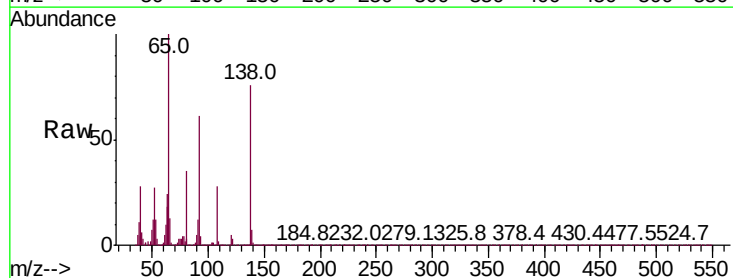
Instrument :
BNA_P
ClientSampleId :

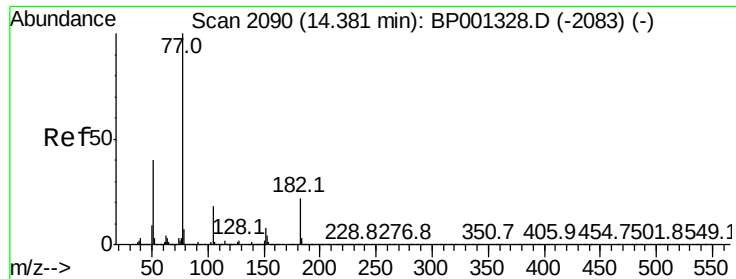
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.4	41.0
141	71.3	57.3	85.9



#62
4-Nitroaniline
Concen: 20.257 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	79.3	60.3	100.3
108	37.1	14.5	54.5





#63

Azobenzene

Concen: 21.950 ng

RT: 14.37 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 170575

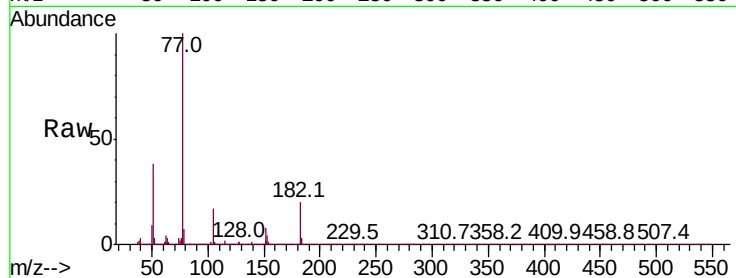
Ion Ratio Lower Upper

77 100

182 19.9 2.0 42.0

105 17.4 0.0 38.1

51 38.3 20.0 60.0

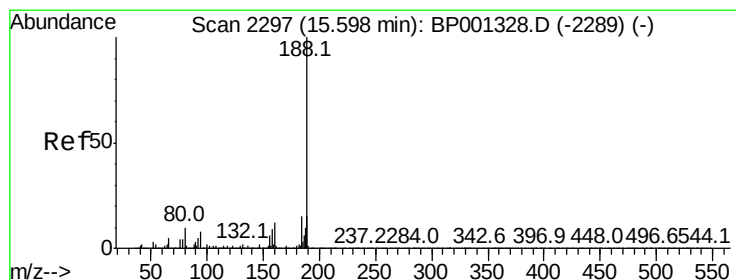
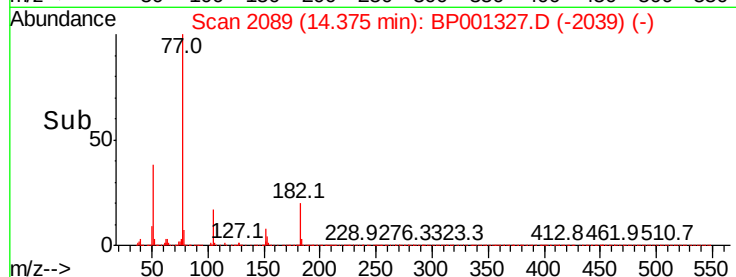
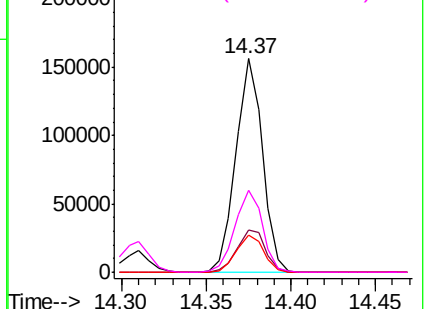


Abundance Ion 77.00 (76.70 to 77.70): BP0

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: 15.60 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

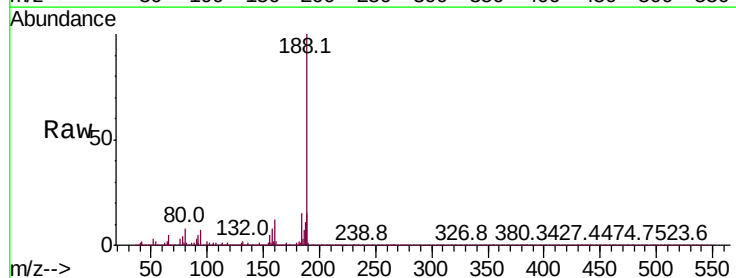
Tgt Ion: 188 Resp: 186108

Ion Ratio Lower Upper

188 100

94 7.5 6.6 10.0

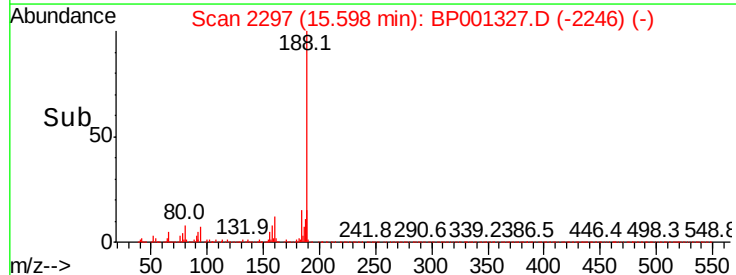
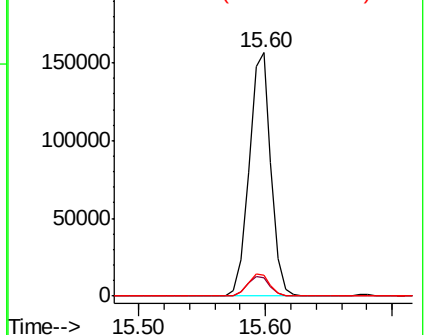
80 8.5 7.8 11.6

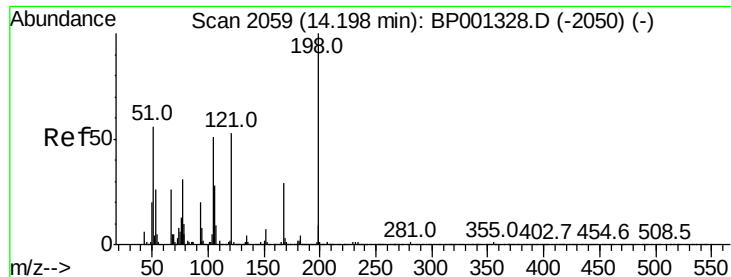


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

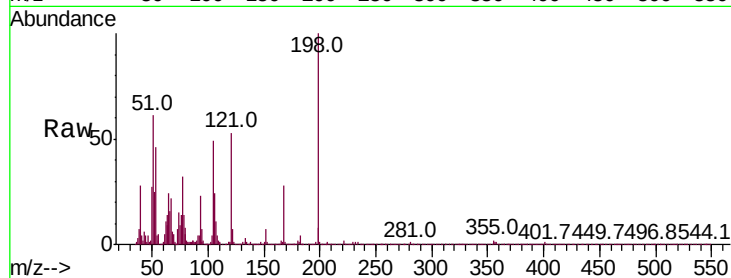




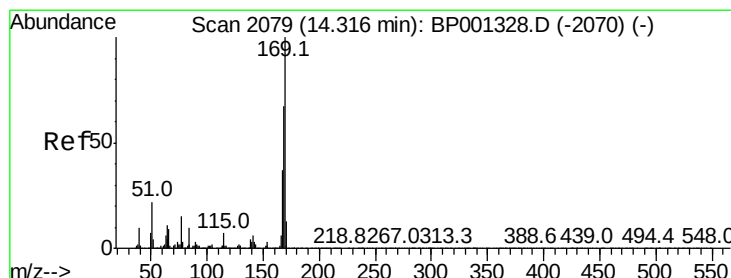
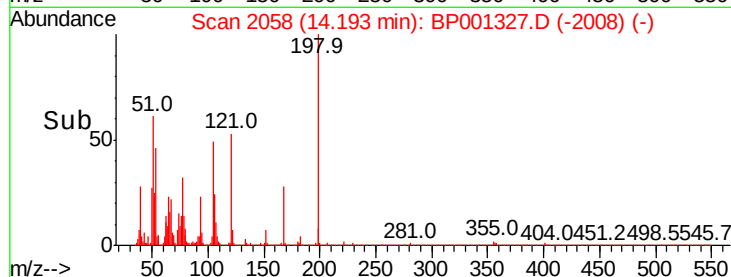
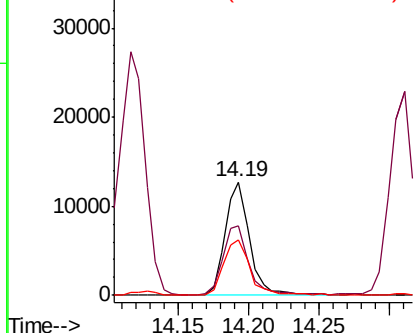
#65
4,6-Dinitro-2-methylphenol
Concen: 20.490 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	61.0	47.4	87.4
105	48.6	33.1	73.1

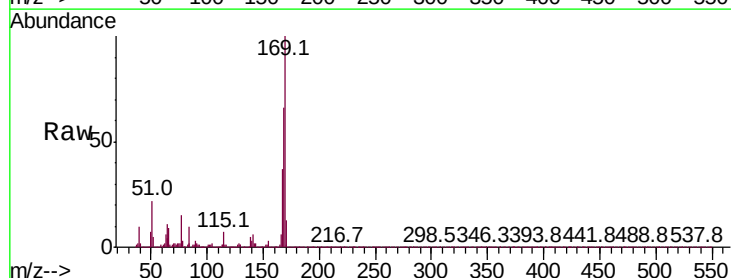


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

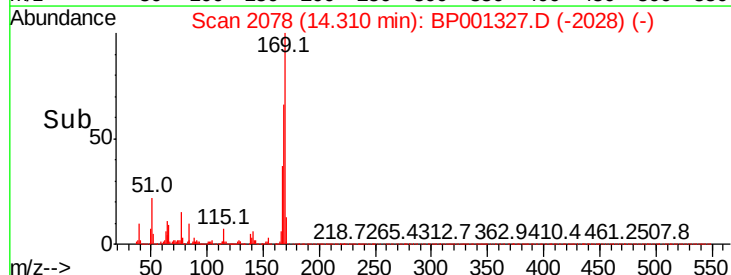
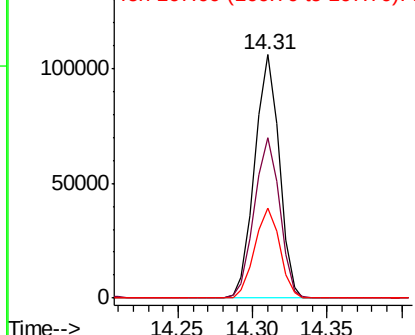


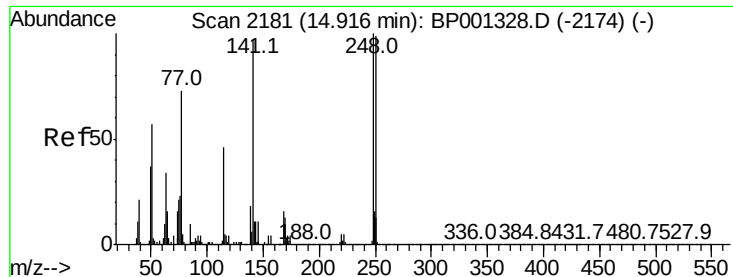
#66
n-Nitrosodiphenylamine
Concen: 21.140 ng
RT: 14.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.2
167	36.8	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

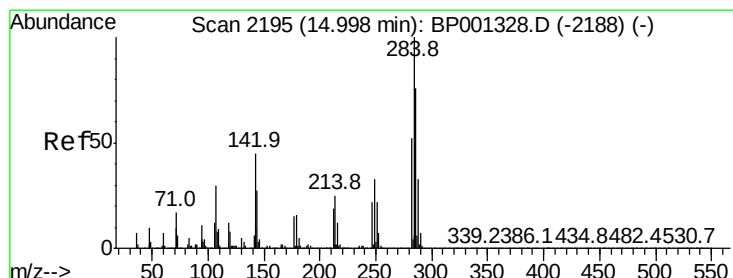
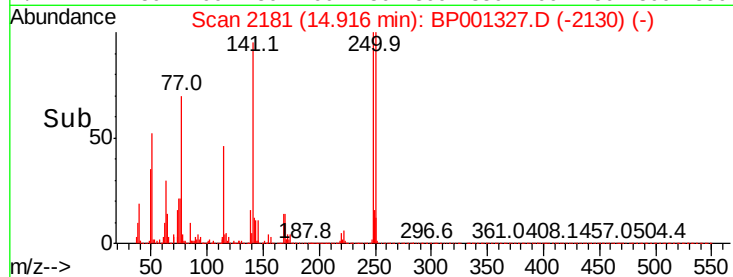
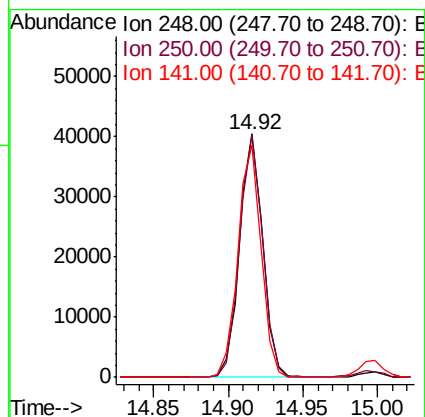
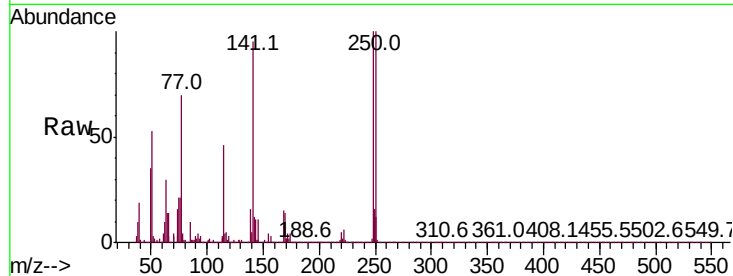




#67
4-Bromophenyl-phenylether
Concen: 21.699 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

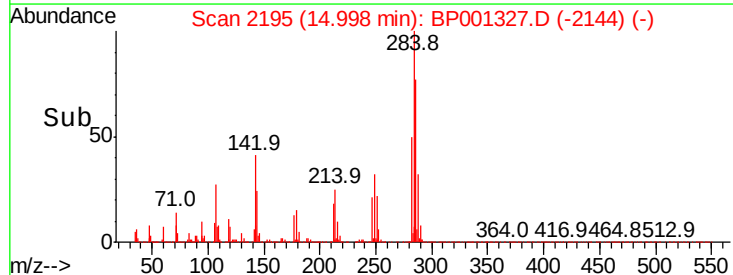
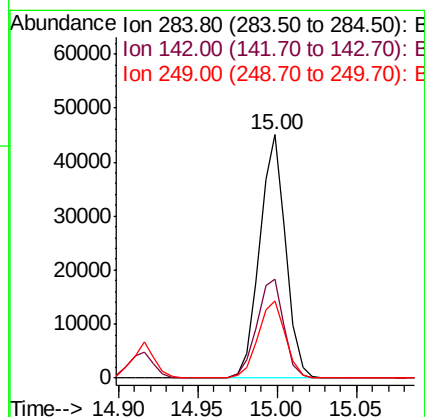
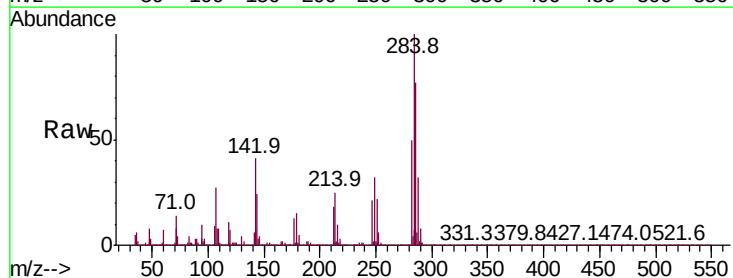
Instrument :
BNA_P
ClientSampleId :

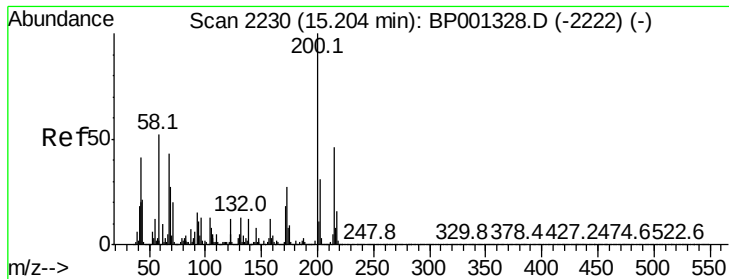
Tot Ion:248 Resp: 43842
Ion Ratio Lower Upper
248 100
250 99.6 79.3 118.9
141 95.4 77.5 116.3



#68
Hexachlorobenzene
Concen: 23.124 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion:284 Resp: 51365
Ion Ratio Lower Upper
284 100
142 40.7 36.1 54.1
249 31.6 26.3 39.5





#69

Atrazine

Concen: 25.091 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampled :

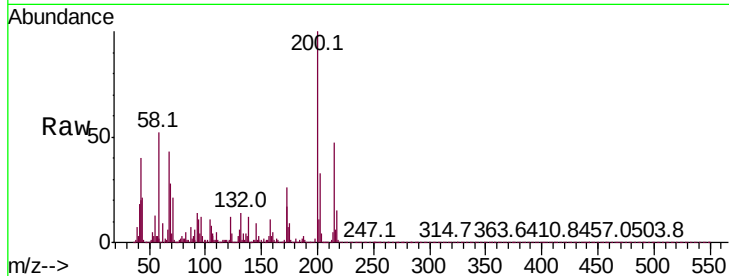
Tot Ion:200 Resp: 43322

Ion Ratio Lower Upper

200 100

173 25.9 6.8 46.8

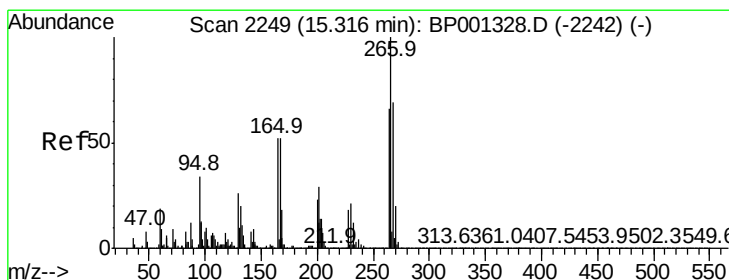
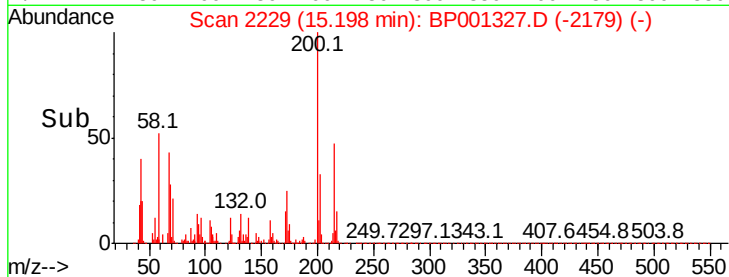
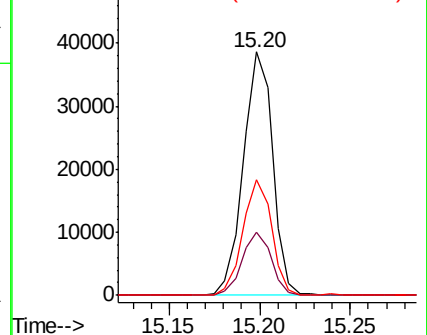
215 47.4 26.1 66.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 21.086 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

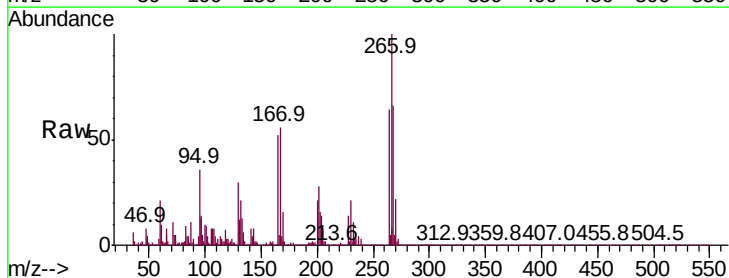
Tgt Ion:266 Resp: 24412

Ion Ratio Lower Upper

266 100

268 66.0 55.4 83.2

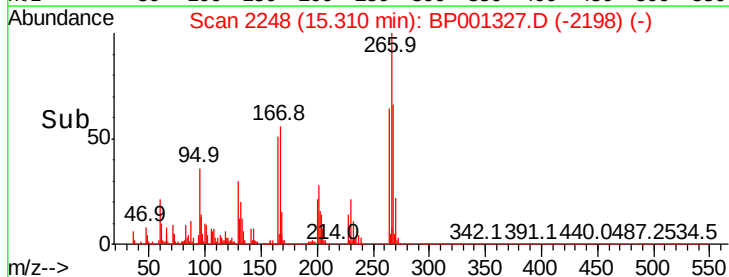
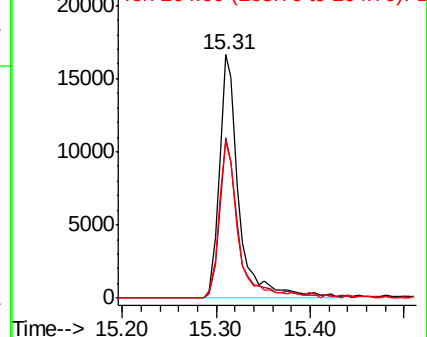
264 64.1 53.2 79.8

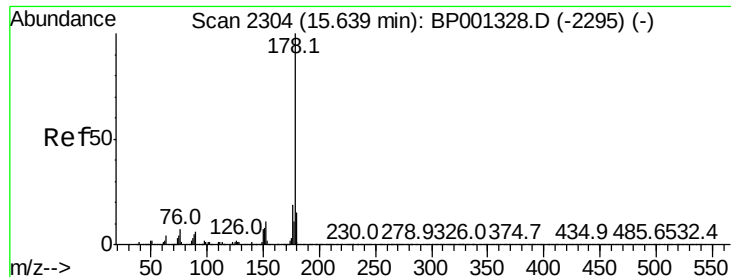


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 22.054 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampled :

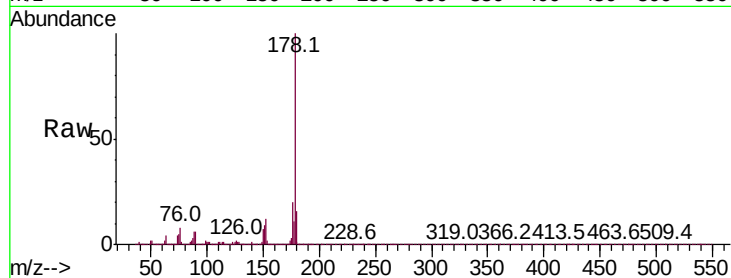
Tot Ion:178 Resp: 215780

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.2	22.8
179	15.5	12.0	18.0

178 100

176 20.1 15.2 22.8

179 15.5 12.0 18.0

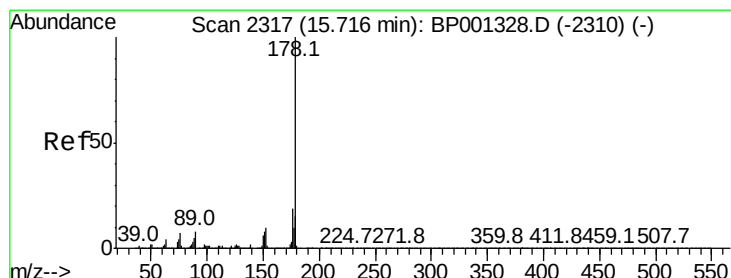
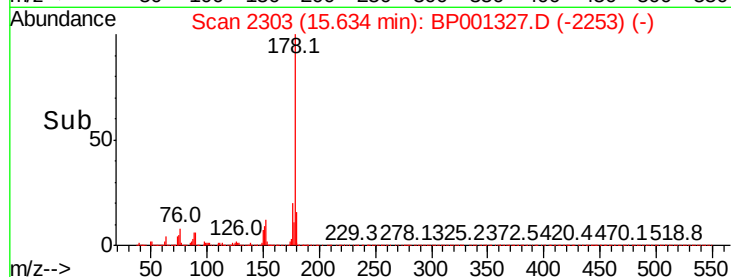
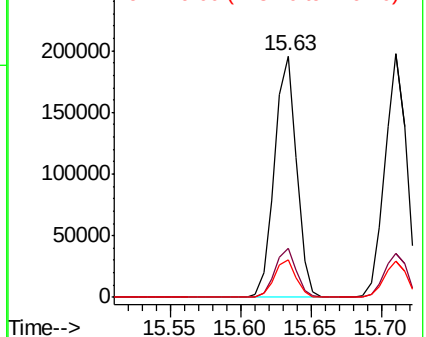


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.910 ng

RT: 15.71 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

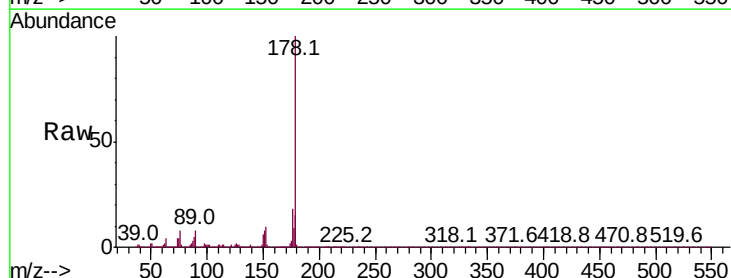
Tgt Ion:178 Resp: 211294

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.6
179	15.0	11.9	17.9

178 100

176 18.0 15.0 22.6

179 15.0 11.9 17.9

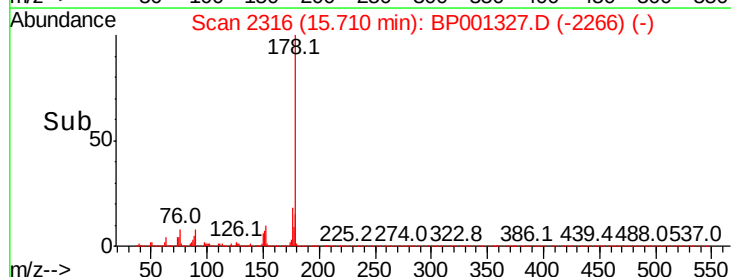
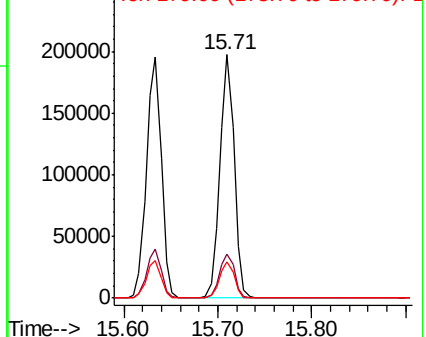


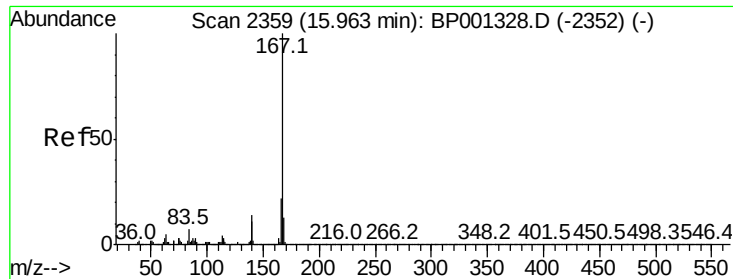
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 21.702 ng

RT: 15.96 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampled :

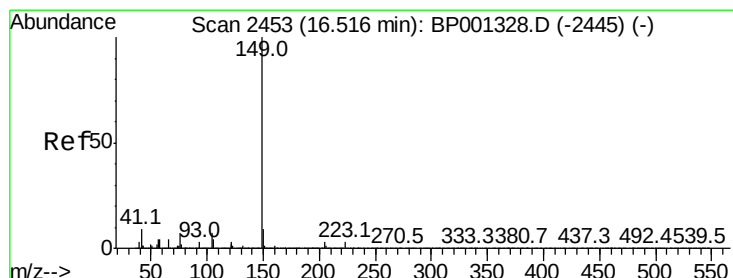
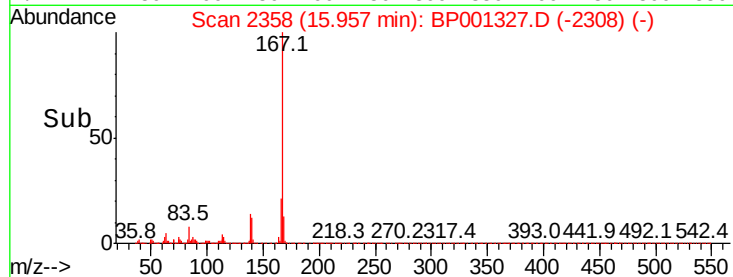
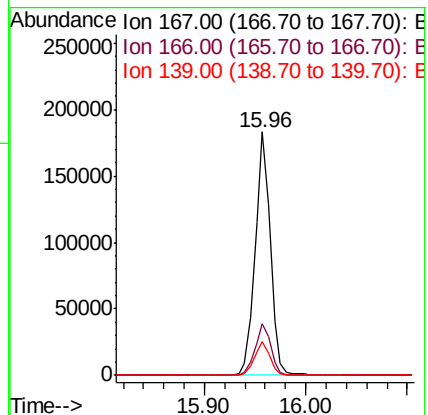
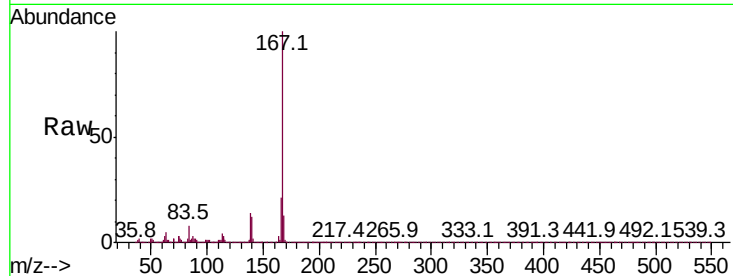
Tot Ion:167 Resp: 190444

Ion Ratio Lower Upper

167 100

166 21.0 17.6 26.4

139 13.8 11.1 16.7



#74

Di-n-butylphthalate

Concen: 21.787 ng

RT: 16.51 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

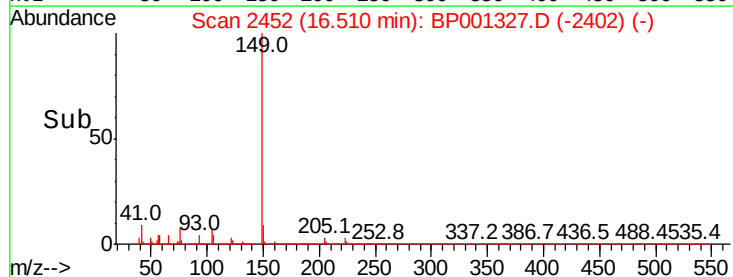
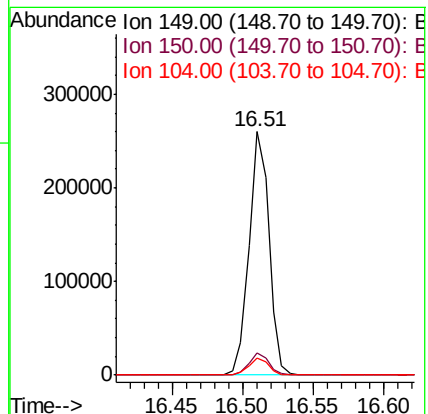
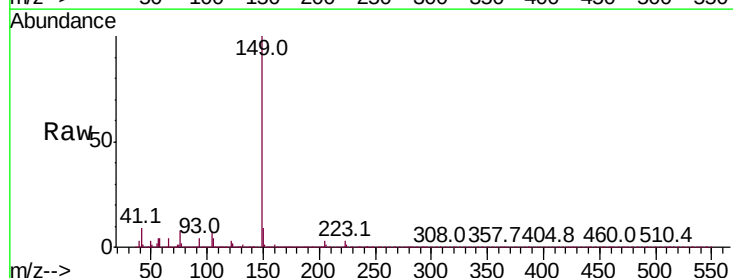
Tgt Ion:149 Resp: 257061

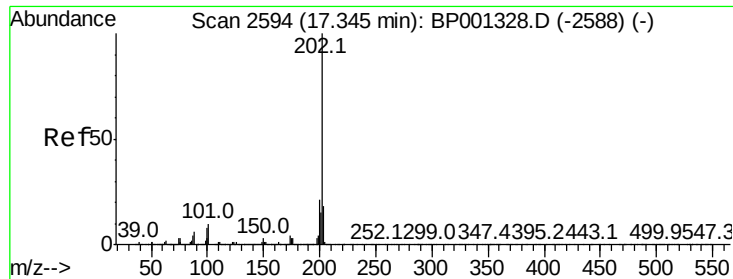
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 7.2 5.4 8.2





#75

Fluoranthene

Concen: 23.296 ng

RT: 17.35 min Scan# 2594

Delta R.T. 0.00 min

Lab File: BP001327.D

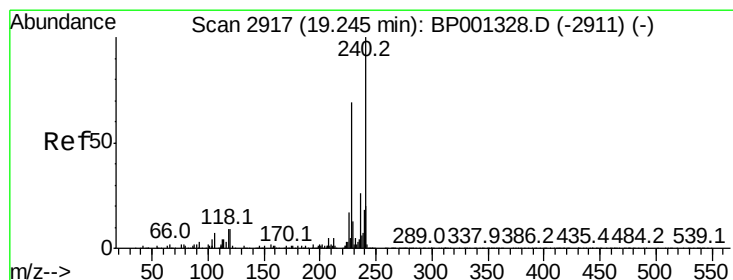
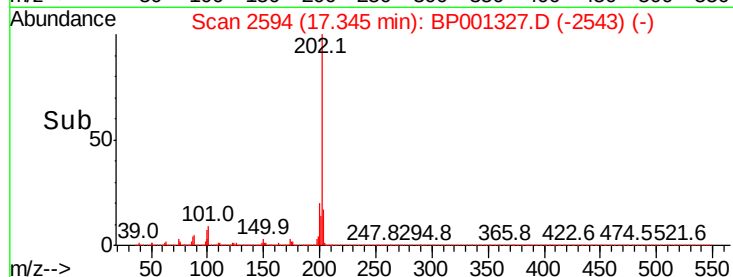
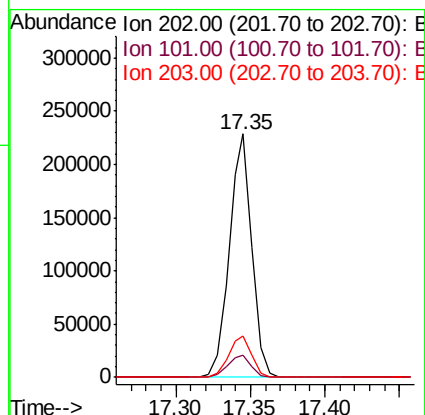
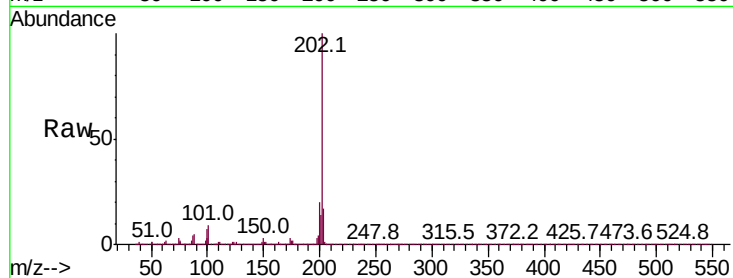
Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	241308
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.9
203	16.9	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

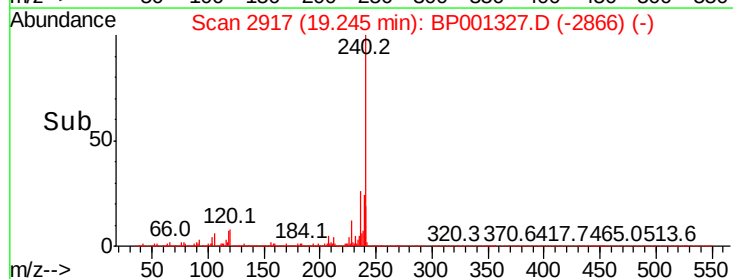
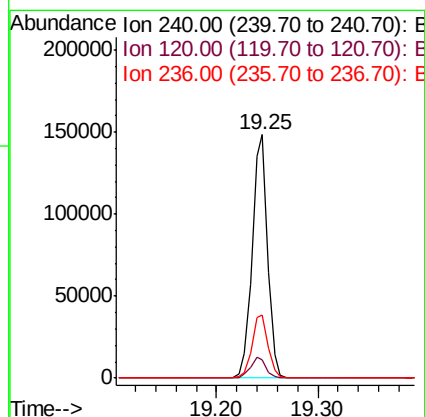
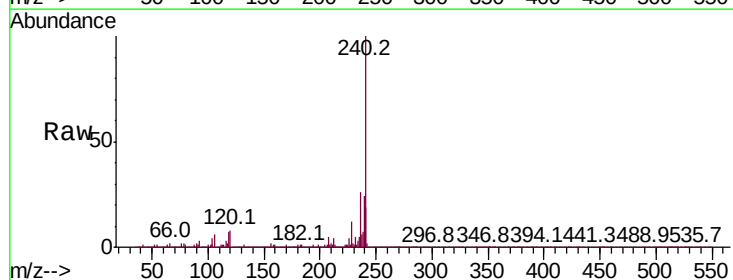
RT: 19.25 min Scan# 2917

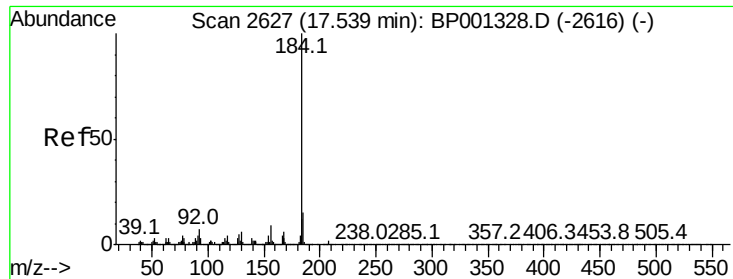
Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion:	240	Resp:	155851
Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.6	11.4#
236	25.9	21.0	31.4





#77

Benzidine

Concen: 22.670 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampled :

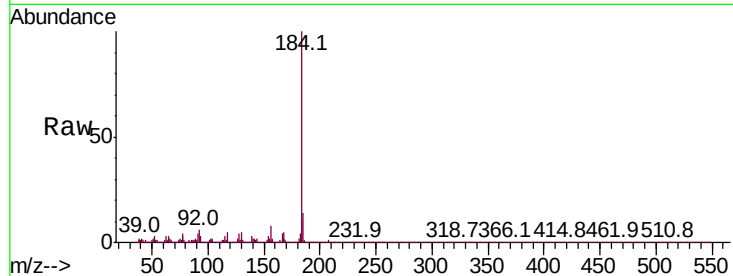
Tot Ion:184 Resp: 91223

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

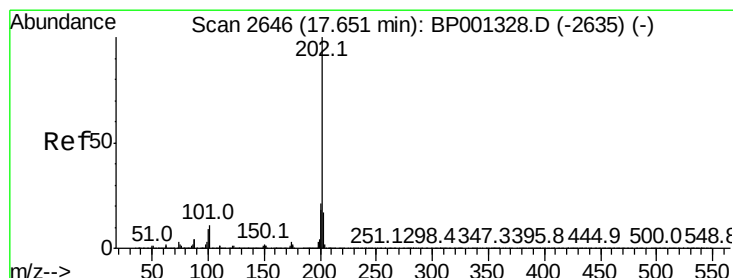
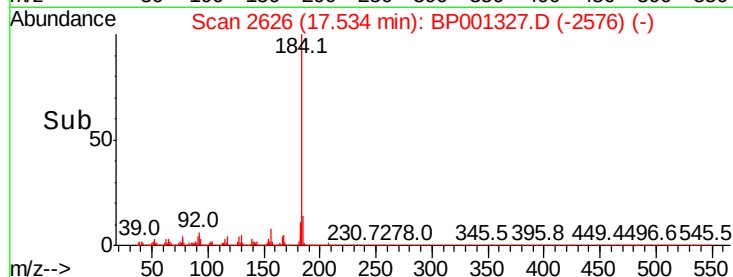
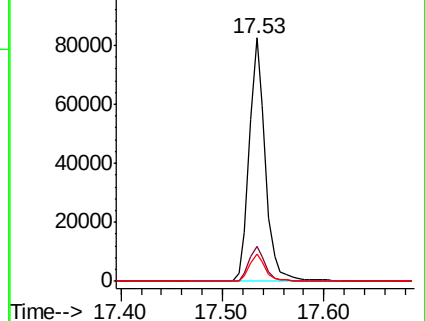
183 11.4 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 19.547 ng

RT: 17.65 min Scan# 2646

Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

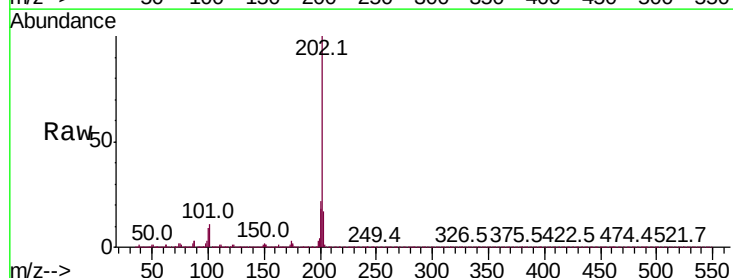
Tgt Ion:202 Resp: 239939

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

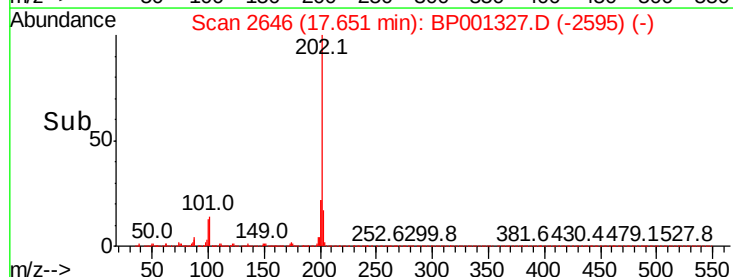
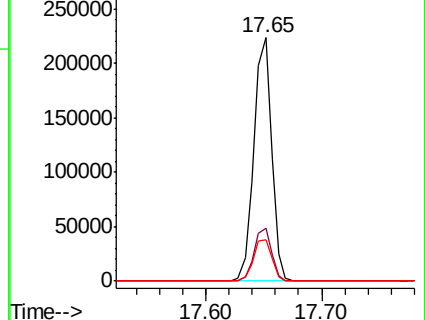
203 17.3 13.8 20.8

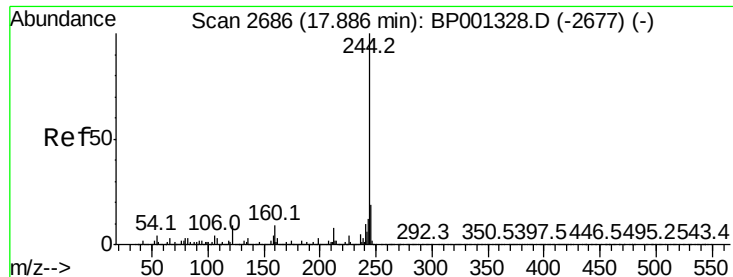


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 43.185 ng

RT: 17.88 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

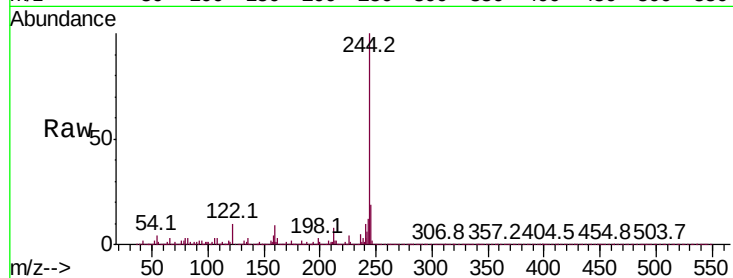
Tot Ion:244 Resp: 363785

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

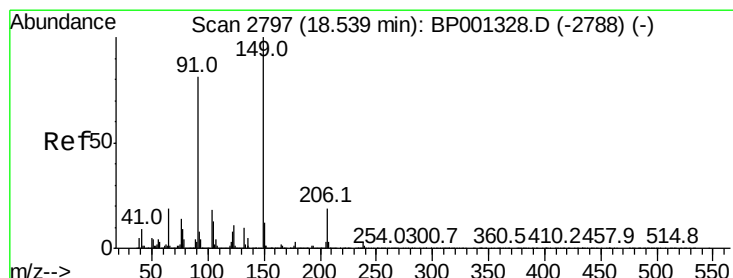
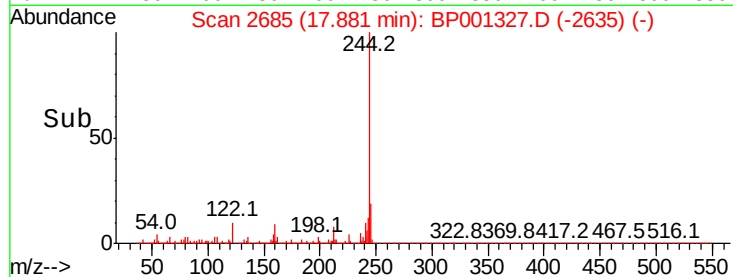
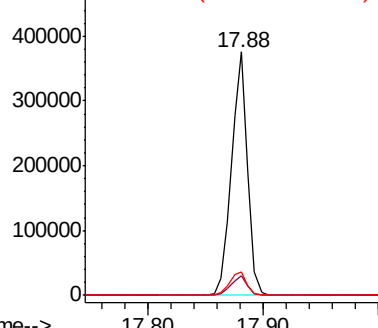
122 9.5 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 19.978 ng

RT: 18.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

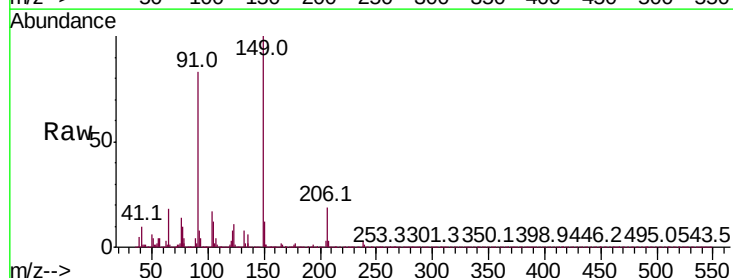
Tgt Ion:149 Resp: 113271

Ion Ratio Lower Upper

149 100

91 83.3 65.2 97.8

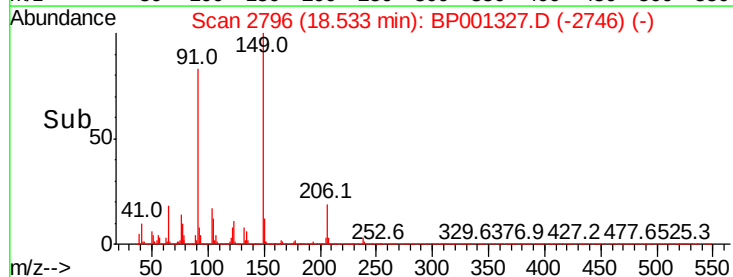
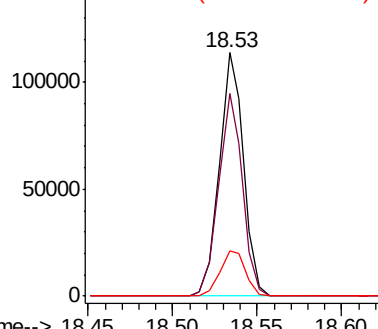
206 18.8 15.6 23.4

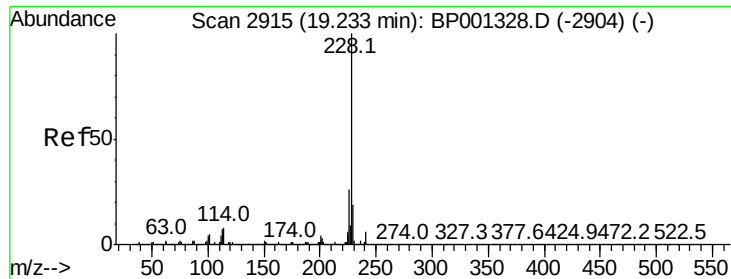


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

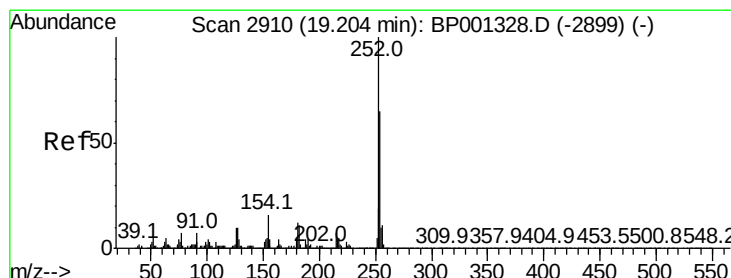
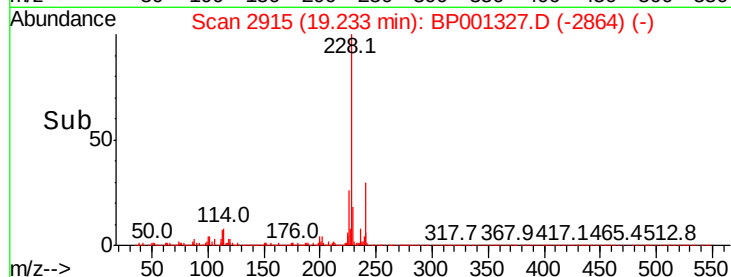
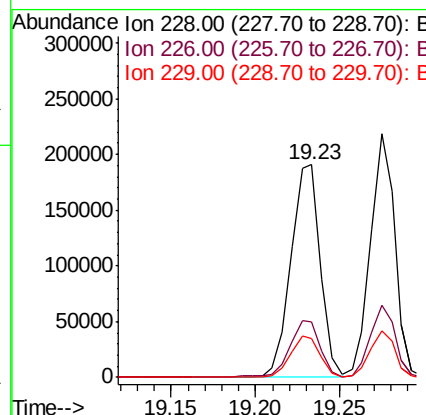
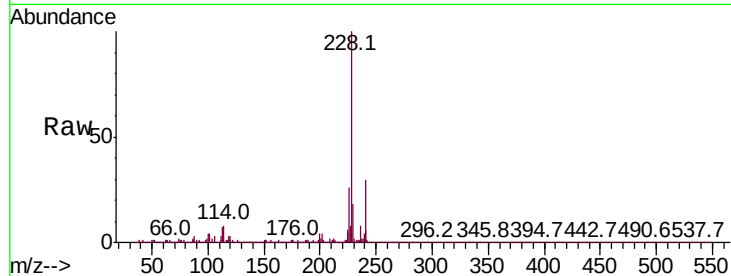




#81
Benzo(a)anthracene
Concen: 21.384 ng
RT: 19.23 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

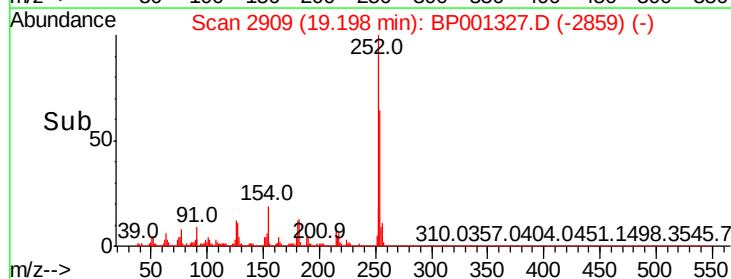
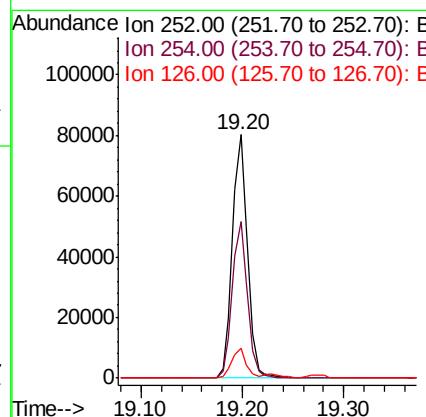
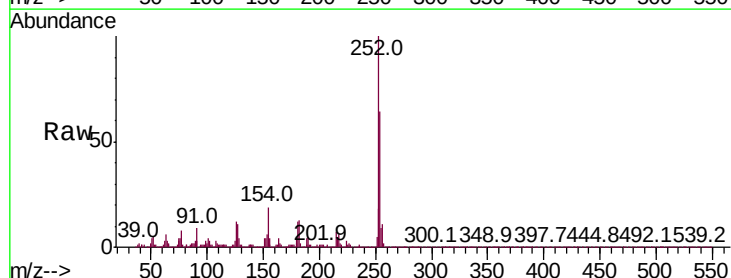
Instrument :
BNA_P
ClientSampled :

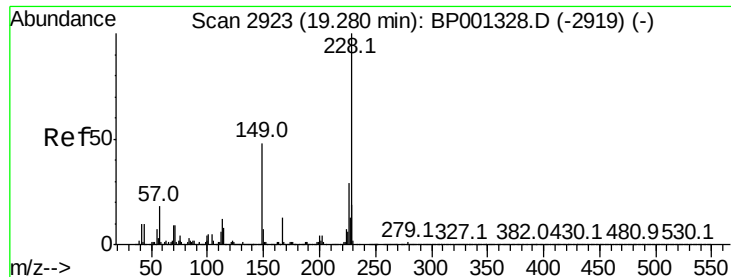
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.2	31.8
229	18.4	15.4	23.0



#82
3,3'-Dichlorobenzidine
Concen: 23.510 ng
RT: 19.20 min Scan# 2909
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.8	77.8
126	12.1	8.2	12.2

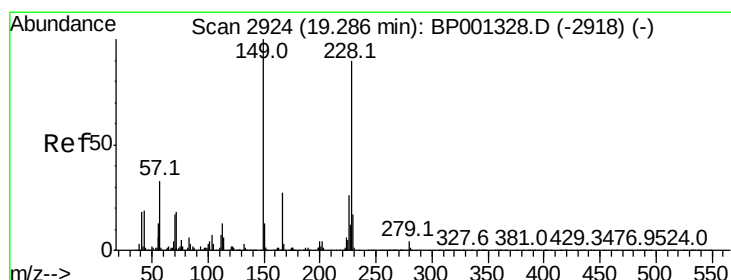
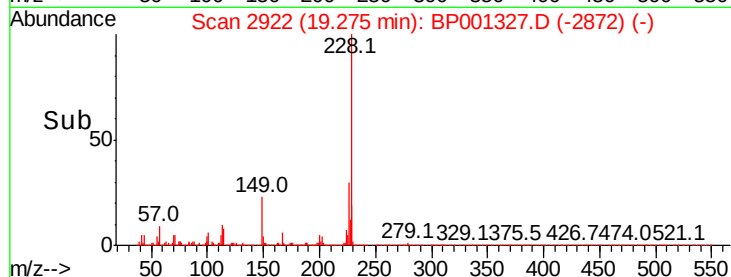
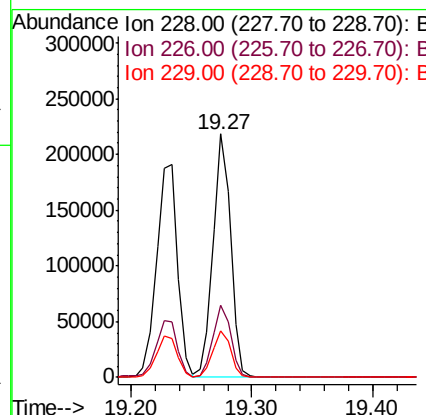
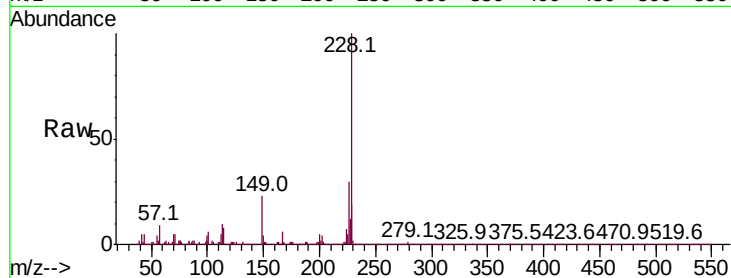




#83
 Chrysene
 Concen: 22.725 ng
 RT: 19.27 min Scan# 2922
 Delta R.T. -0.01 min
 Lab File: BP001327.D
 Acq: 19 Dec 2019 16:50

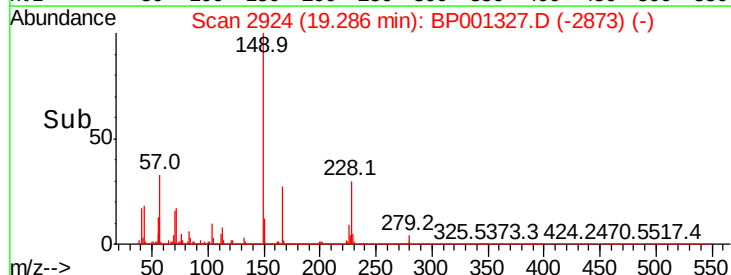
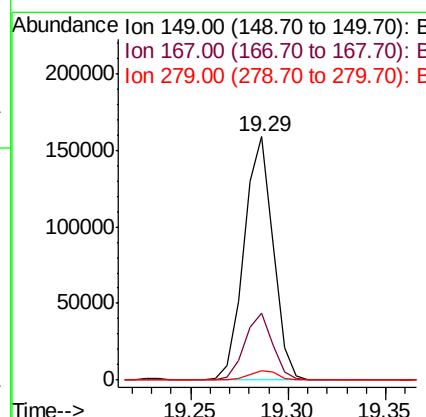
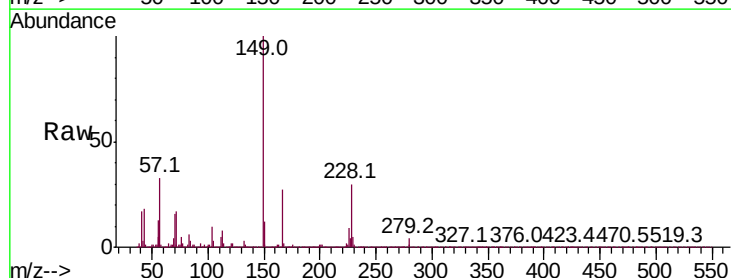
Instrument :
 BNA_P
 ClientSampled :

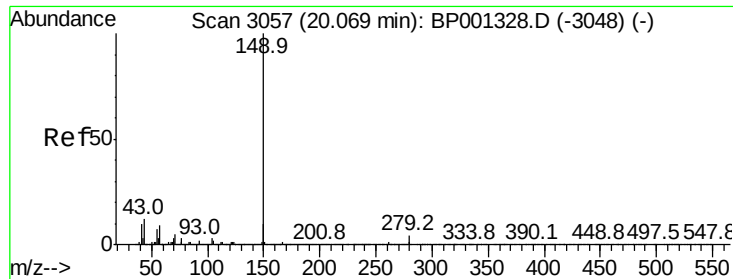
Tot Ion: 228 Resp: 219891
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.1 34.7
 229 19.3 15.4 23.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 21.060 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BP001327.D
 Acq: 19 Dec 2019 16:50

Tgt Ion: 149 Resp: 164164
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.6
 279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 19.990 ng

RT: 20.06 min Scan# 3056

Delta R.T. -0.01 min

Lab File: BP001327.D

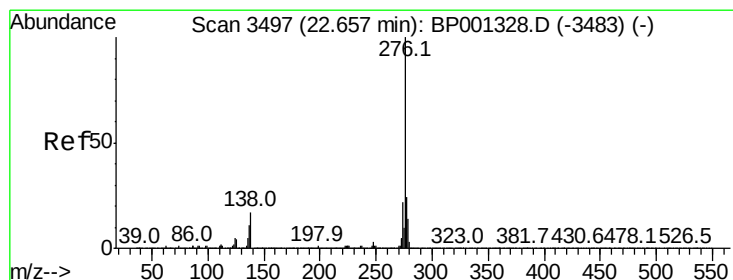
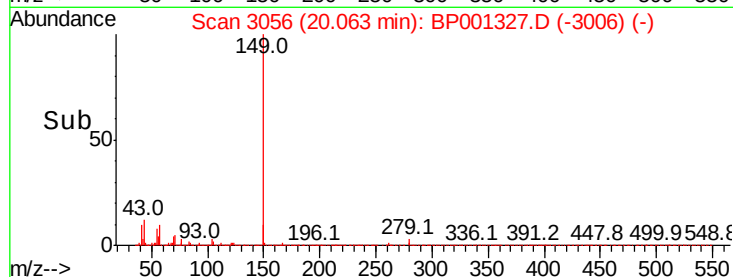
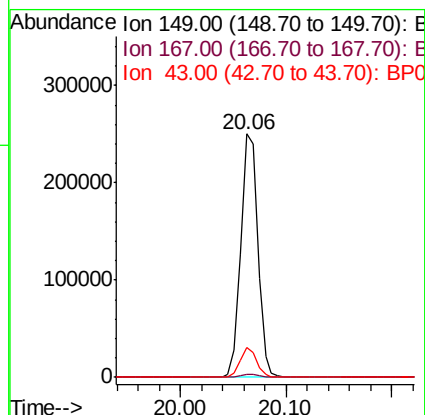
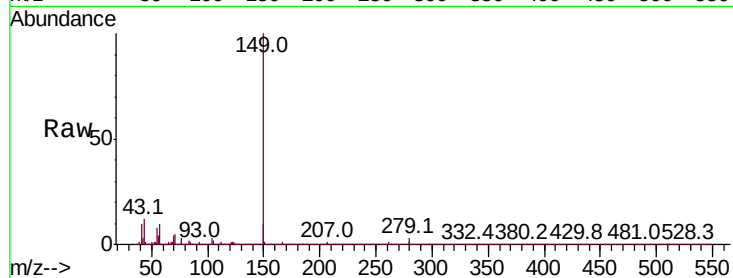
Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	149	Resp:	276809
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	12.0	9.4	14.2



#86

Indeno(1,2,3-cd)pyrene

Concen: 21.241 ng

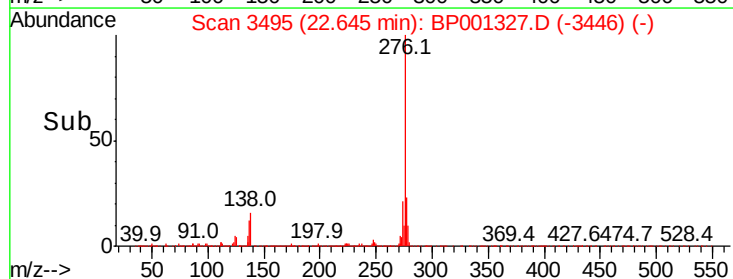
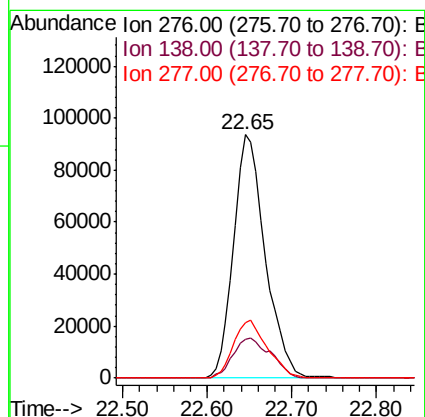
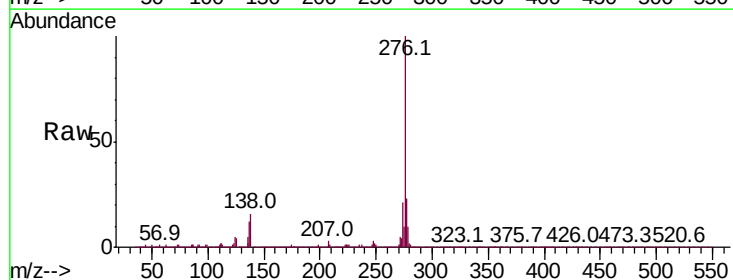
RT: 22.65 min Scan# 3495

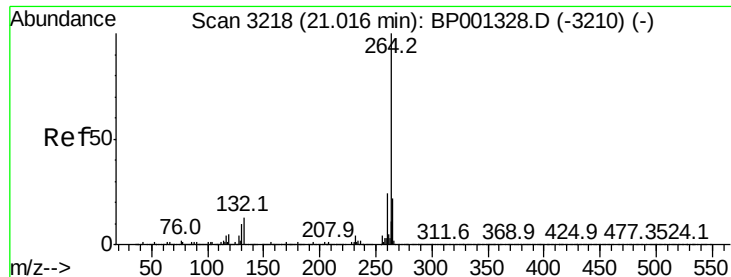
Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Tgt Ion:	276	Resp:	242222
Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.8	23.6
277	25.4	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

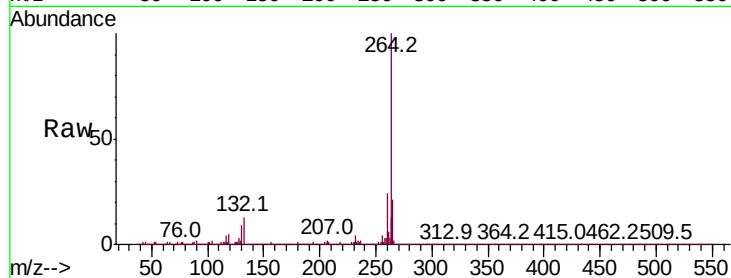
Tot Ion:264 Resp: 168035

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

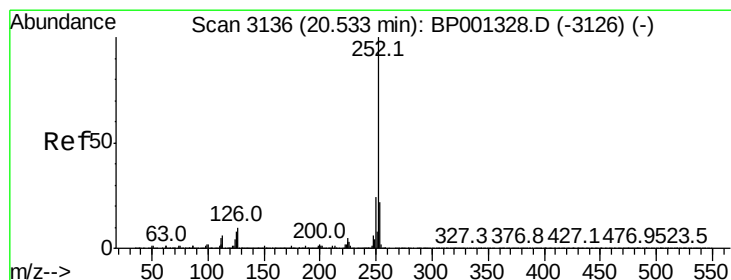
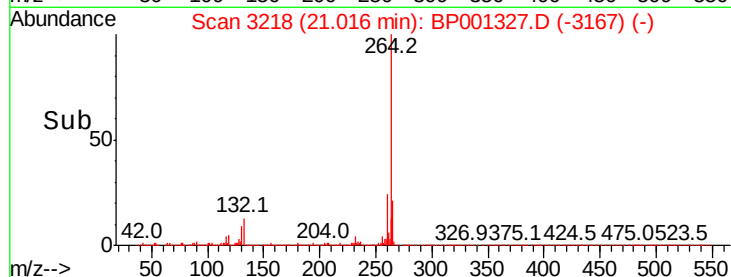
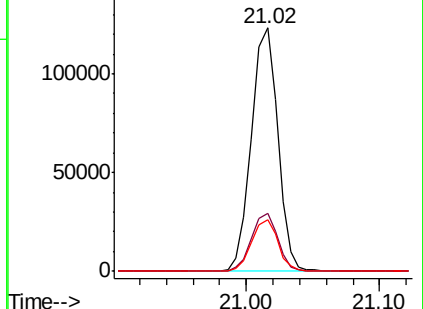
265 21.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 21.581 ng

RT: 20.53 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

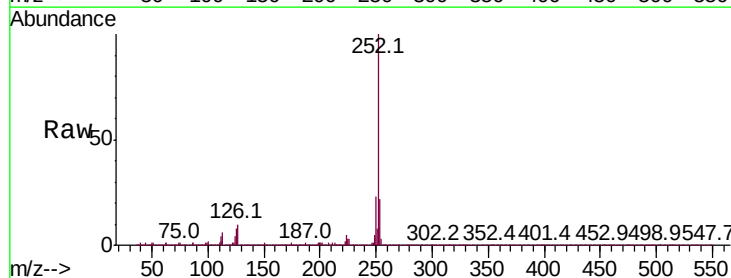
Tgt Ion:252 Resp: 221497

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

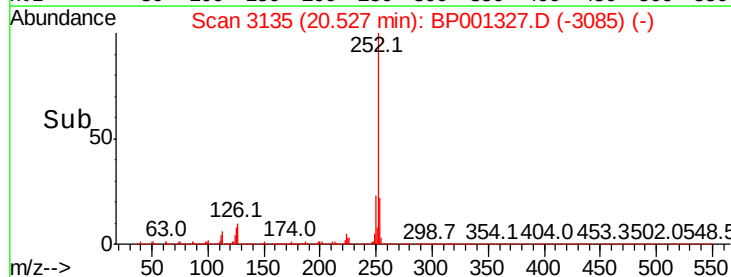
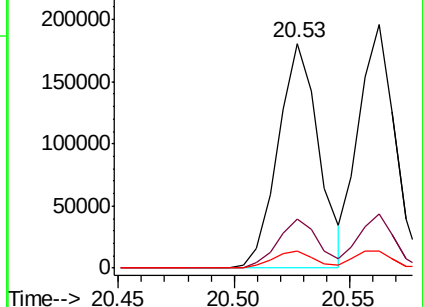
125 7.6 6.3 9.5

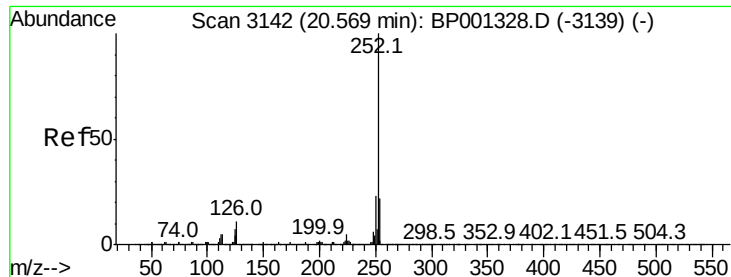


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

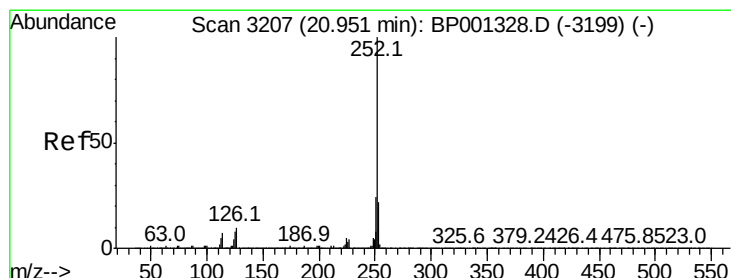
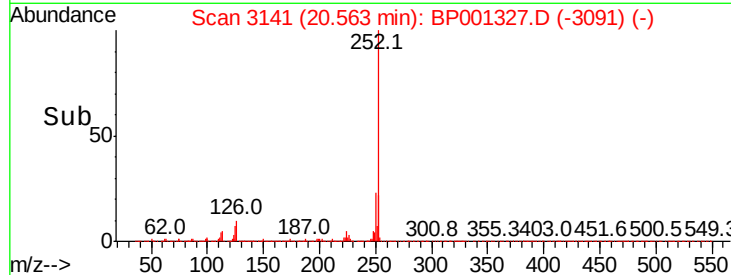
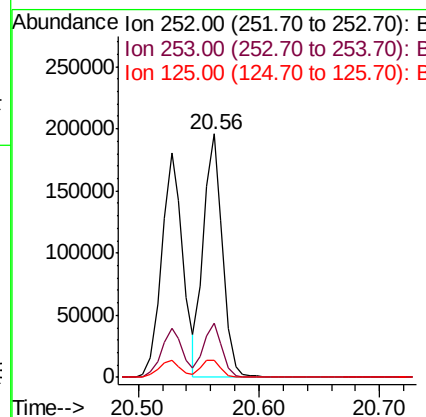
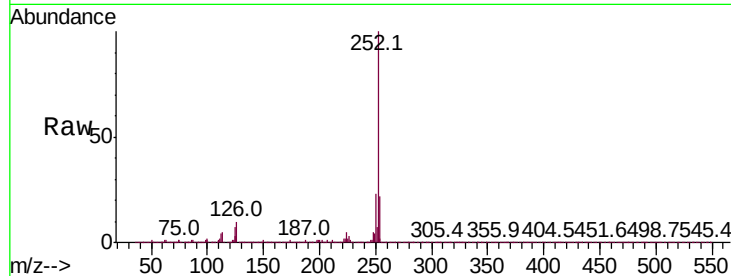




#89
Benzo(k)fluoranthene
Concen: 21.564 ng
RT: 20.56 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

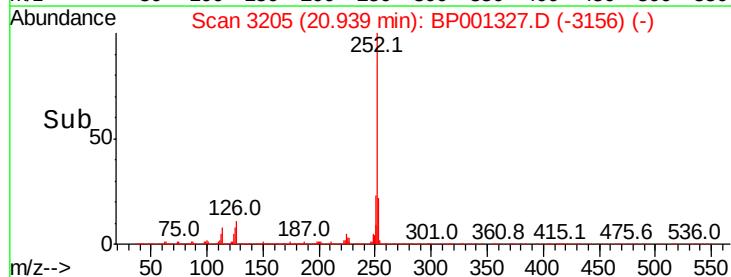
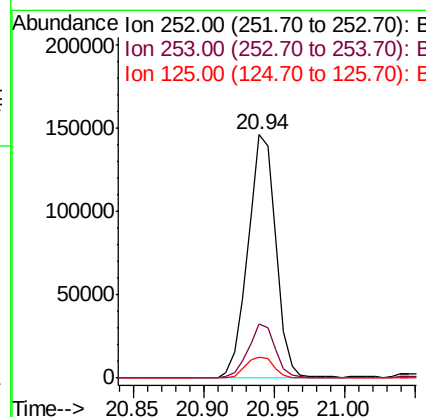
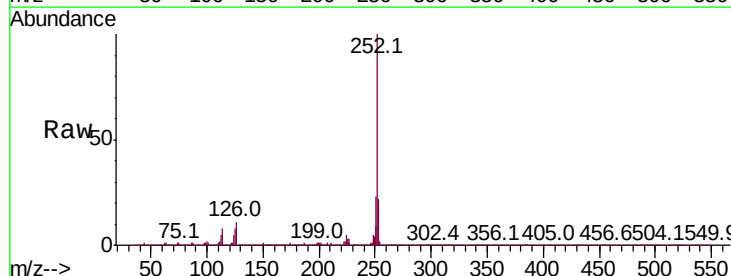
Instrument :
BNA_P
ClientSampled :

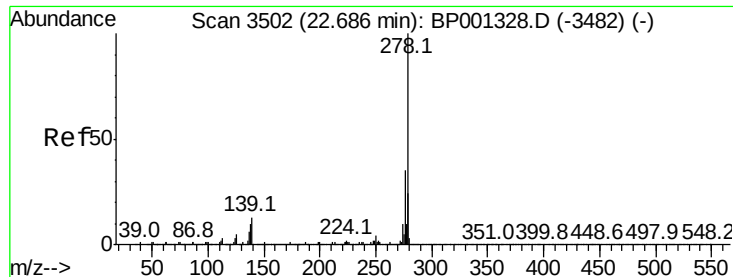
Tot Ion:252 Resp: 213165
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 7.2 5.9 8.9



#90
Benzo(a)pyrene
Concen: 21.456 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.01 min
Lab File: BP001327.D
Acq: 19 Dec 2019 16:50

Tgt Ion:252 Resp: 202835
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.4 6.3 9.5





#91

Dibenzo(a,h)anthracene

Concen: 21.317 ng

RT: 22.67 min Scan# 3500

Delta R.T. -0.01 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

Instrument :

BNA_P

ClientSampleId :

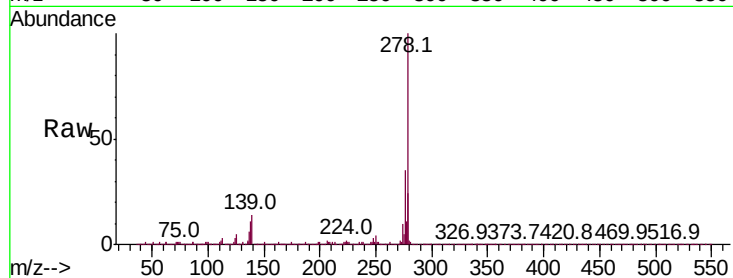
Tot Ion:278 Resp: 197215

Ion Ratio Lower Upper

278 100

139 13.9 10.3 15.5

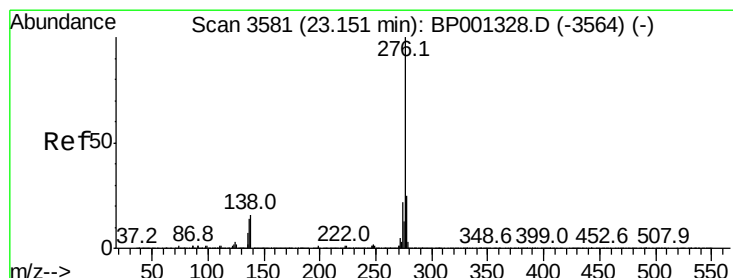
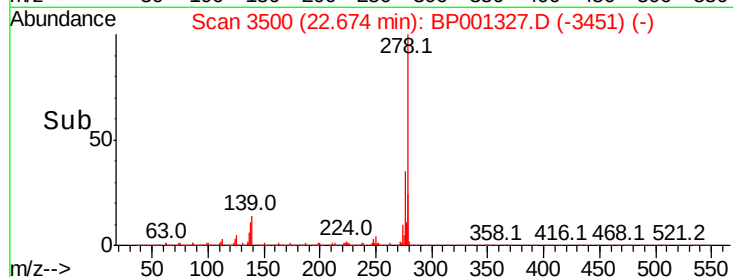
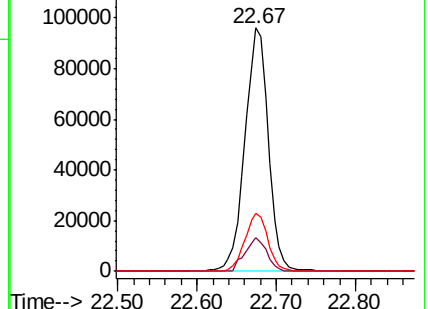
279 23.7 19.6 29.4



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: 20.765 ng

RT: 23.13 min Scan# 3578

Delta R.T. -0.02 min

Lab File: BP001327.D

Acq: 19 Dec 2019 16:50

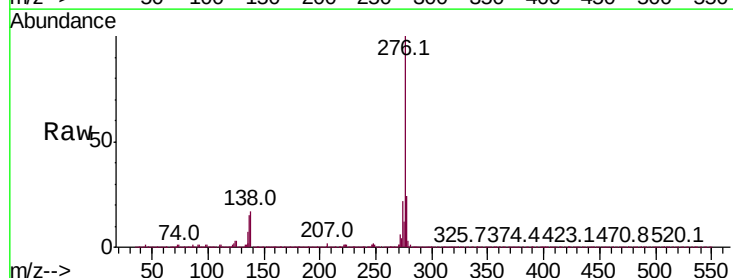
Tgt Ion:276 Resp: 189692

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 16.9 12.6 18.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

