

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001433.D
 Acq On : 26 Dec 2019 20:55
 Operator : JU
 Sample : K6118-13MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:59:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28357	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	101833	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	61247	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	124208	20.00	ng	0.00
76) Chrysene-d12	19.23	240	94621	20.00	ng	0.00
87) Perylene-d12	20.99	264	96683	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	222709	126.93	ng	0.03
7) Phenol-d6	7.76	99	290626	126.94	ng	0.01
23) Nitrobenzene-d5	9.17	82	203561	76.76	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	99871	130.43	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	405783	83.78	ng	0.00
79) Terphenyl-d14	17.87	244	496335	89.84	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	25549	35.383	ng	# 73
3) Pyridine	3.52	79	46282	23.463	ng	99
4) n-Nitrosodimethylamine	3.40	42	53183	42.580	ng	96
6) Aniline	7.77	93	16917	5.870	ng	# 1
8) 2-Chlorophenol	7.96	128	79040	44.809	ng	94
9) Benzaldehyde	7.59	77	17780	11.071	ng	93
10) Phenol	7.78	94	99722	38.121	ng	# 75
11) bis(2-Chloroethyl)ether	7.89	93	75101	40.581	ng	98
12) 1,3-Dichlorobenzene	8.19	146	82739	37.658	ng	98
13) 1,4-Dichlorobenzene	8.31	146	87061	38.893	ng	98
14) 1,2-Dichlorobenzene	8.55	146	84567	39.656	ng	97
15) Benzyl Alcohol	8.53	79	88961	41.411	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	97383	33.226	ng	85
17) 2-Methylphenol	8.73	107	69678	44.702	ng	93
18) Hexachloroethane	9.09	117	33489	35.168	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	64527	39.701	ng	98
20) 3+4-Methylphenols	8.98	107	89415	43.229	ng	99
22) Acetophenone	8.93	105	126453	39.268	ng	# 99
24) Nitrobenzene	9.20	77	102822	39.396	ng	98
25) Isophorone	9.60	82	171191	40.149	ng	99
26) 2-Nitrophenol	9.71	139	42935	46.133	ng	98
27) 2,4-Dimethylphenol	9.82	122	67752	49.496	ng	94
28) bis(2-Chloroethoxy)methane	9.96	93	94123	36.959	ng	99
29) 2,4-Dichlorophenol	10.12	162	75117	44.319	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	83120	39.869	ng	97
31) Naphthalene	10.36	128	228056	41.027	ng	100
32) Benzoic acid	9.96	122	13720	16.122	ng	92
33) 4-Chloroaniline	10.46	127	9922	4.365	ng	96
34) Hexachlorobutadiene	10.57	225	52564	36.148	ng	94
35) Caprolactam	11.03	113	16666	33.045	ng	97
36) 4-Chloro-3-methylphenol	11.29	107	80099	40.440	ng	98
37) 2-Methylnaphthalene	11.49	142	169324	44.123	ng	98
38) 1-Methylnaphthalene	11.65	142	157689	43.707	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	94221	41.606	ng	98

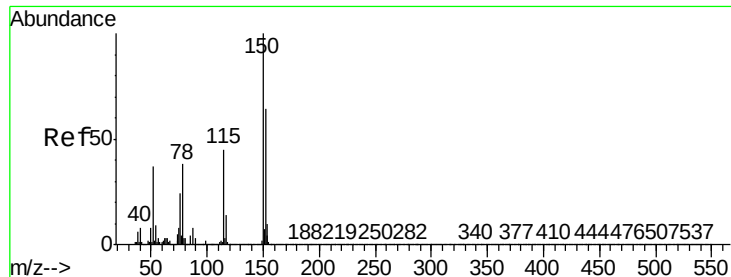
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001433.D
 Acq On : 26 Dec 2019 20:55
 Operator : JU
 Sample : K6118-13MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:59:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	88734	79.222	nq	97
43) 2,4,6-Trichlorophenol	11.96	196	58807	42.224	nq	99
44) 2,4,5-Trichlorophenol	12.03	196	63255	44.204	nq	98
46) 1,1'-Biphenyl	12.26	154	215950	42.134	nq	99
47) 2-Chloronaphthalene	12.28	162	168672	40.709	nq	97
48) 2-Nitroaniline	12.45	65	58903	35.502	nq	99
49) Acenaphthylene	12.95	152	257061	42.441	nq	99
50) Dimethylphthalate	12.78	163	205294	40.857	nq	99
51) 2,6-Dinitrotoluene	12.86	165	41606	40.780	nq	88
52) Acenaphthene	13.24	154	150748	41.308	nq	97
53) 3-Nitroaniline	13.12	138	13514	12.341	nq	97
54) 2,4-Dinitrophenol	13.31	184	37519	95.234	nq	99
55) Dibenzofuran	13.52	168	244110	42.693	nq	99
56) 4-Nitrophenol	13.45	139	55580	70.979	nq	93
57) 2,4-Dinitrotoluene	13.52	165	57892	40.825	nq	# 95
58) Fluorene	14.09	166	191317	41.833	nq	97
59) 2,3,4,6-Tetrachlorophenol	13.67	232	46350	37.727	nq	98
60) Diethylphthalate	13.95	149	192889	37.219	nq	99
61) 4-Chlorophenyl-phenylether	14.10	204	99959	41.579	nq	99
62) 4-Nitroaniline	12.45	138	48341	38.120	nq	93
63) Azobenzene	14.36	77	203746	37.343	nq	96
65) 4,6-Dinitro-2-methylphenol	14.19	198	28054	50.432	nq	95
66) n-Nitrosodiphenylamine	14.30	169	157206	39.923	nq	100
67) 4-Bromophenyl-phenylether	14.90	248	58772	40.021	nq	91
68) Hexachlorobenzene	14.99	284	65694	39.295	nq	98
69) Atrazine	15.19	200	49961	35.322	nq	96
70) Pentachlorophenol	15.31	266	68634	80.055	nq	92
71) Phenanthrene	15.62	178	285595	40.302	nq	100
72) Anthracene	15.70	178	290951	41.475	nq	98
73) Carbazole	15.95	167	244528	39.097	nq	99
74) Di-n-butylphthalate	16.50	149	307120	35.783	nq	99
75) Fluoranthene	17.33	202	312323	39.415	nq	98
77) Benzidine	17.52	184	85472	31.025	nq	99
78) Pyrene	17.64	202	318618	43.369	nq	99
80) Butylbenzylphthalate	18.52	149	126701	36.992	nq	90
81) Benzo(a)anthracene	19.22	228	281236	40.789	nq	100
82) 3,3'-Dichlorobenzidine	19.18	252	63019	26.322	nq	# 99
83) Chrysene	19.26	228	272626	40.965	nq	99
84) Bis(2-ethylhexyl)phthalate	19.26	149	182615	36.334	nq	99
85) Di-n-octyl phthalate	20.05	149	303496	36.434	nq	98
86) Indeno(1,2,3-cd)pyrene	22.63	276	287978	40.066	nq	100
88) Benzo(b)fluoranthene	20.51	252	258119	40.652	nq	100
89) Benzo(k)fluoranthene	20.55	252	257298	42.540	nq	# 99
90) Benzo(a)pyrene	20.93	252	231561	40.033	nq	99
91) Dibenzo(a,h)anthracene	22.65	278	245671	43.440	nq	99
92) Benzo(g,h,i)perylene	23.11	276	232941	43.105	nq	98

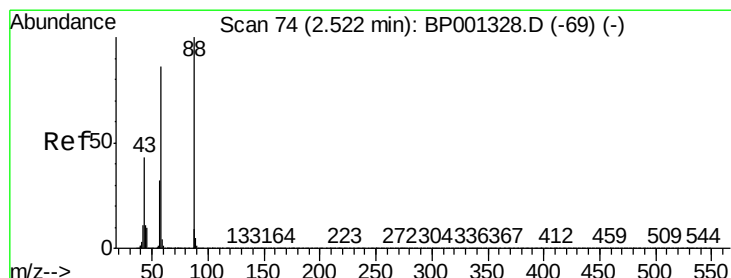
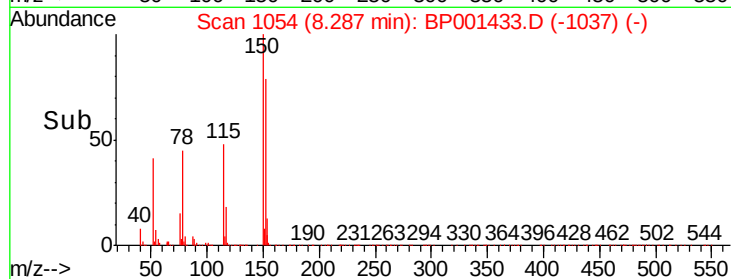
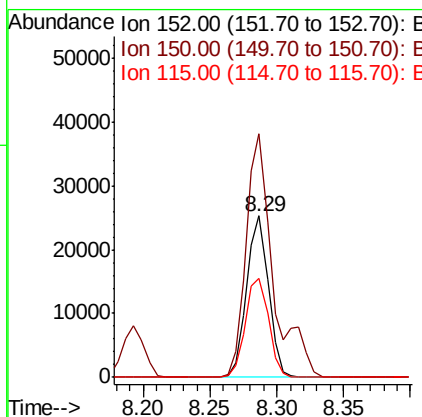
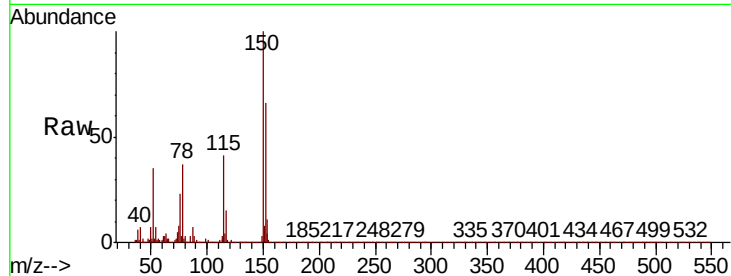
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

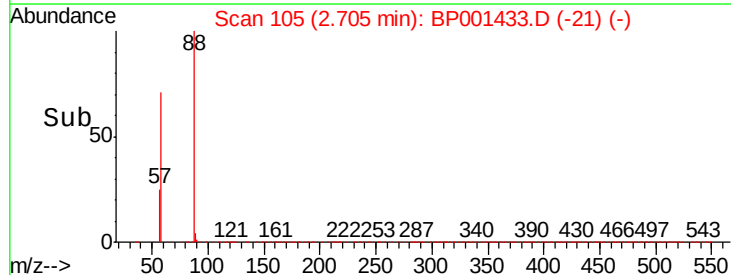
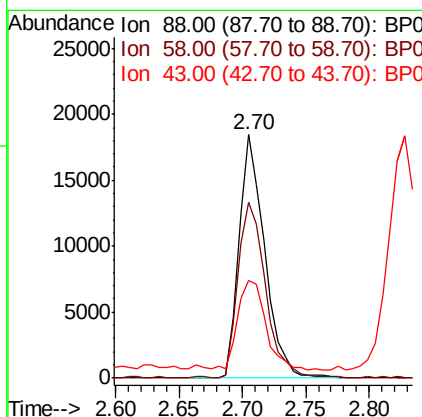
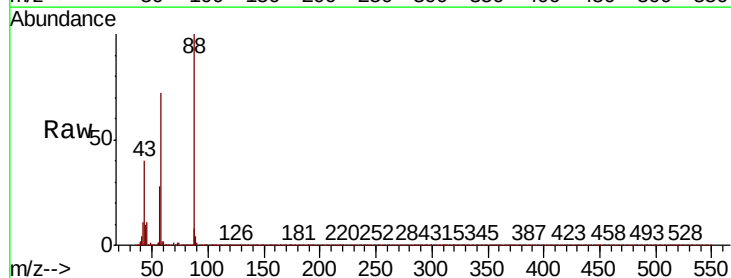
Instrument :
 BNA_P
 ClientSampleId :

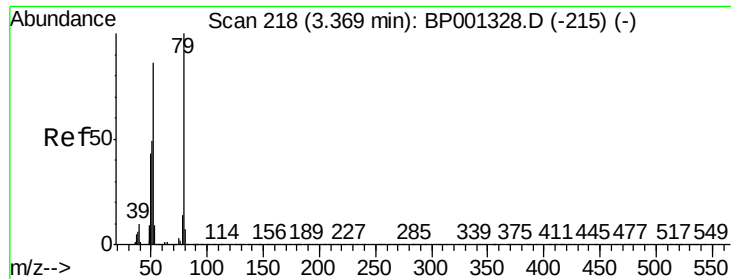
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	127.0	190.6
115	61.4	56.1	84.1



#2
 1,4-Dioxane
 Concen: 35.383 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.19 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	66.9	100.3
43	0.0	32.9	49.3





#3

Pvridine

Concen: 23.463 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.18 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

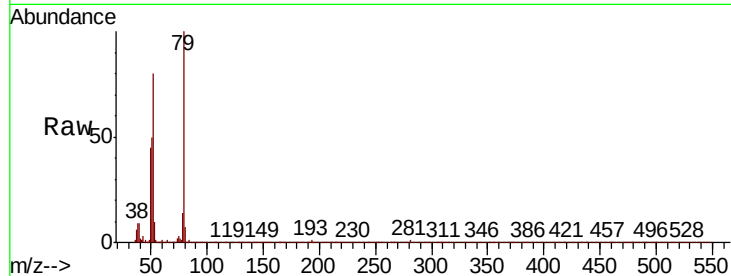
Tot Ion: 79 Resp: 46282

Ion Ratio Lower Upper

79 100

52 79.9 64.6 96.8

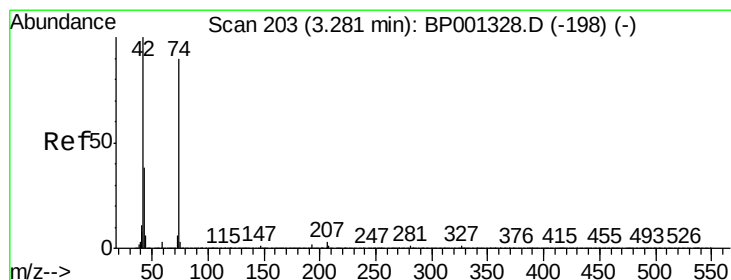
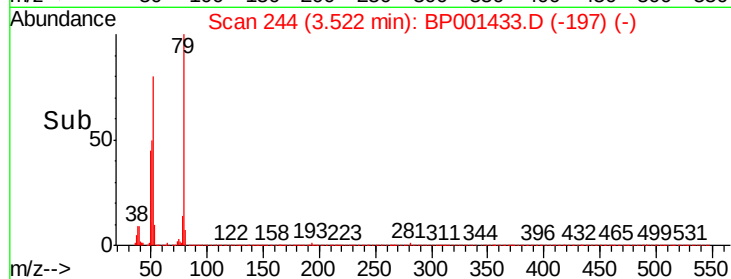
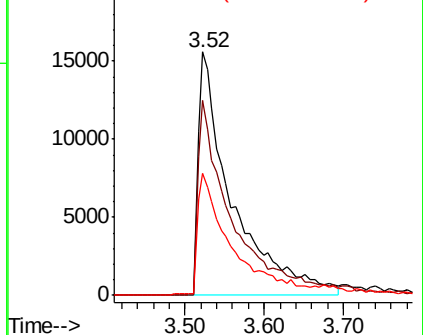
51 50.3 40.2 60.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 42.580 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.14 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

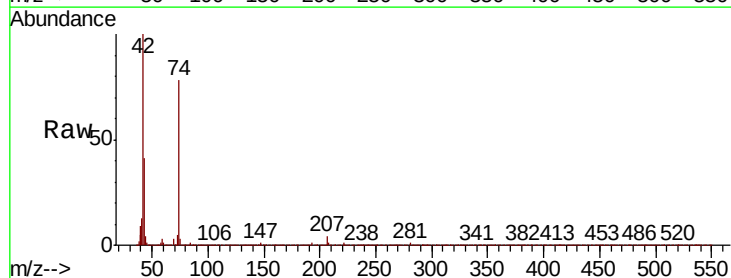
Tgt Ion: 42 Resp: 53183

Ion Ratio Lower Upper

42 100

74 78.1 65.3 97.9

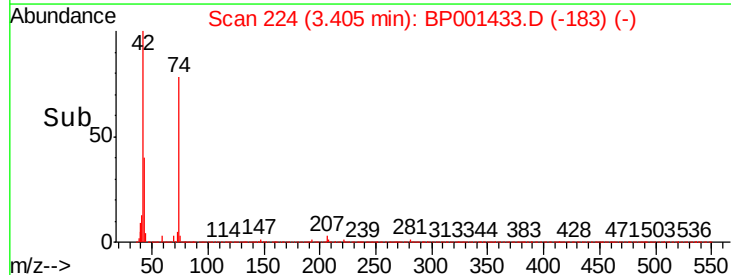
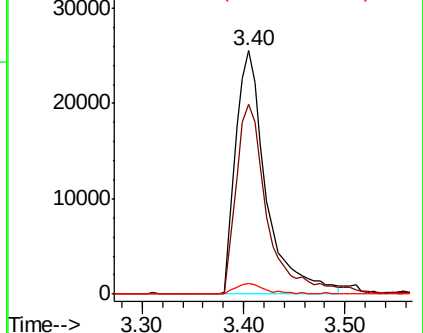
44 4.4 3.8 5.6

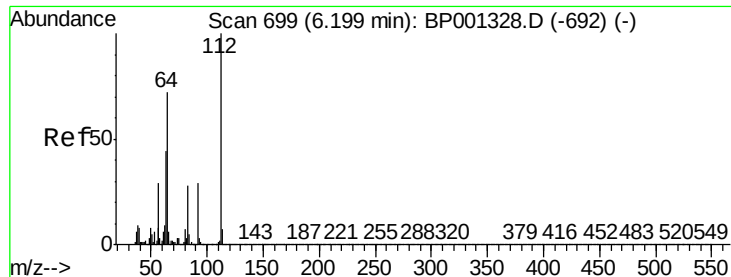


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 126.932 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.03 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

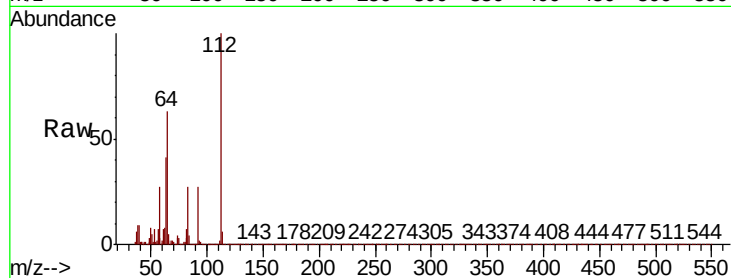
Tot Ion: 112 Resp: 222709

Ion Ratio Lower Upper

112 100

64 63.4 53.9 80.9

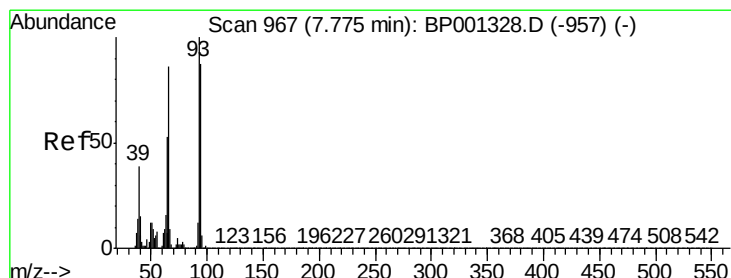
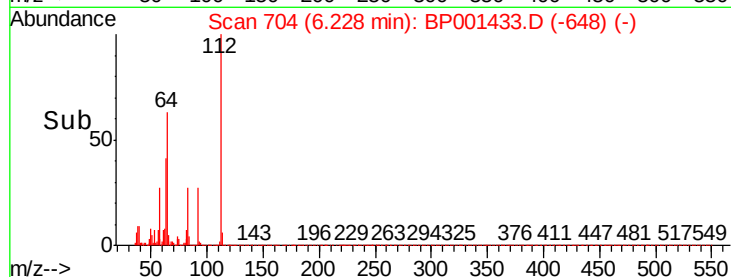
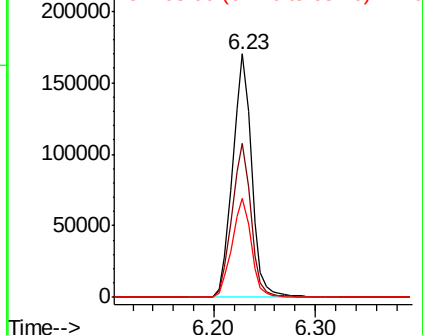
63 40.7 33.4 50.0



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: 5.870 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

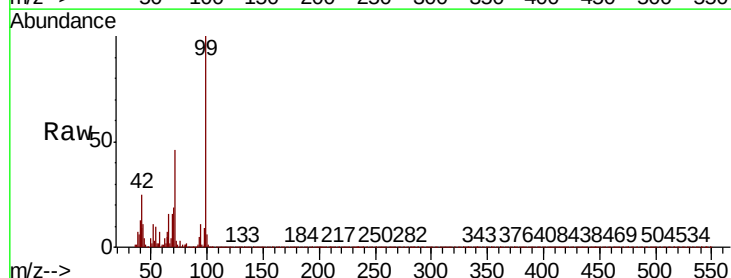
Tgt Ion: 93 Resp: 16917

Ion Ratio Lower Upper

93 100

66 307.2 69.0 103.6#

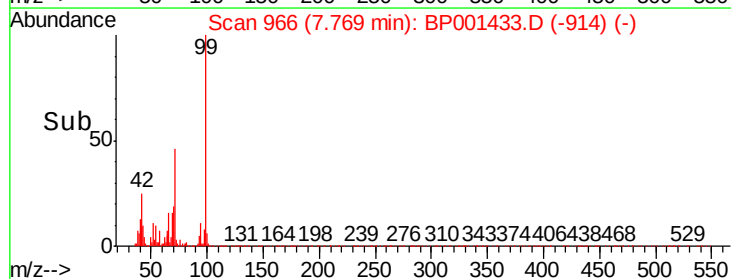
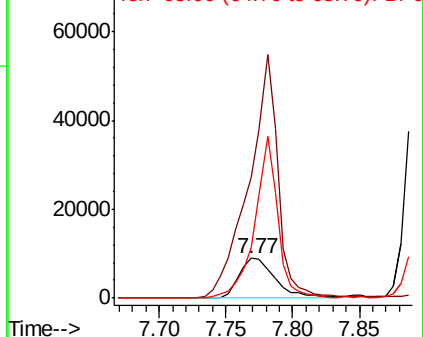
65 126.2 41.1 61.7#

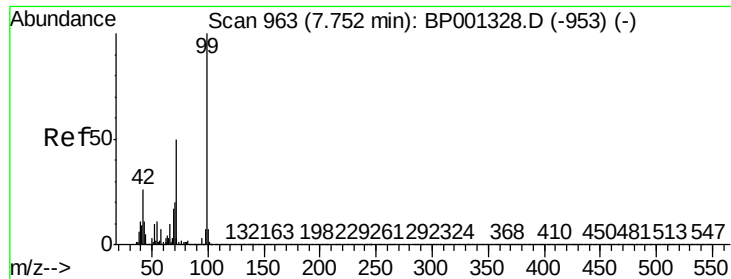


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 126.940 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampled :

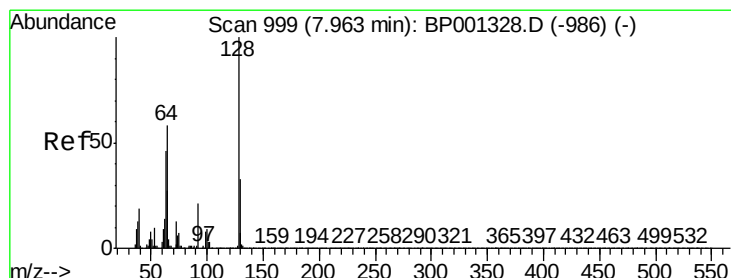
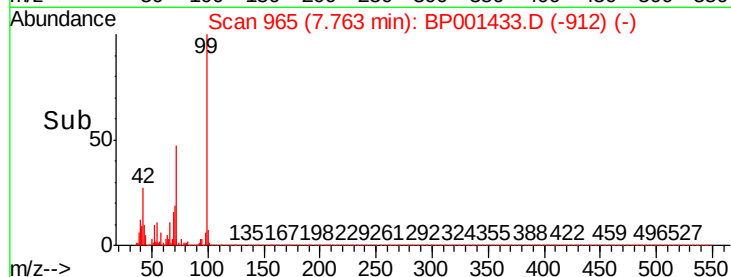
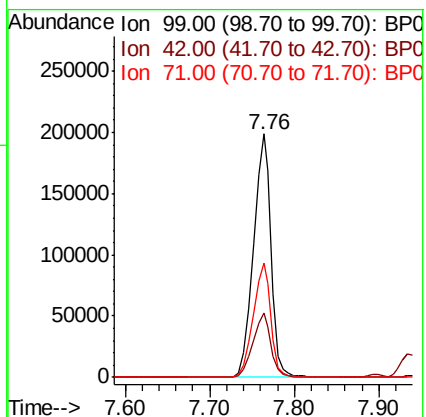
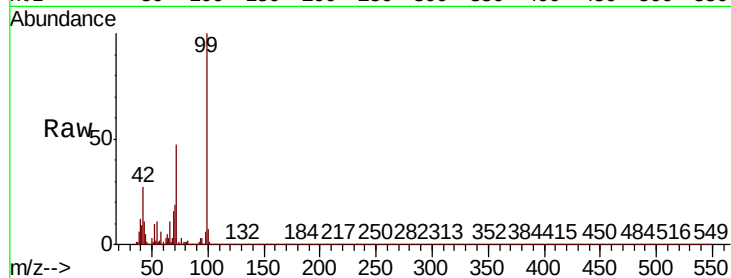
Tot Ion: 99 Resp: 290626

Ion Ratio Lower Upper

99 100

42 26.6 20.8 31.2

71 46.7 38.2 57.4



#8

2-Chlorophenol

Concen: 44.809 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

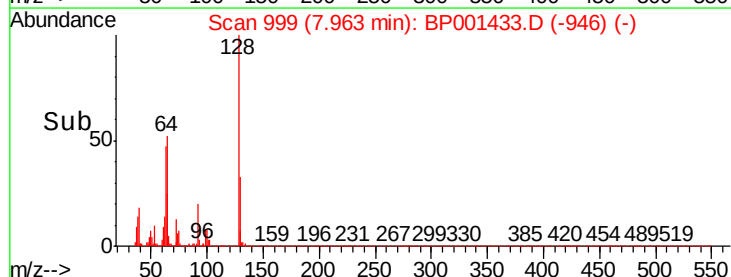
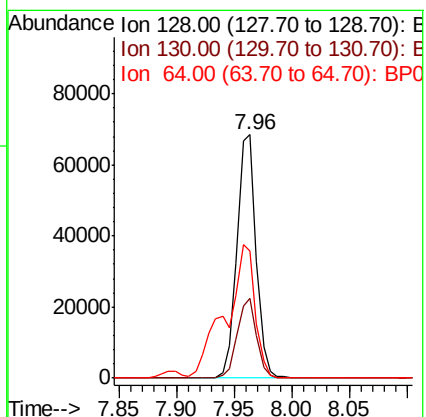
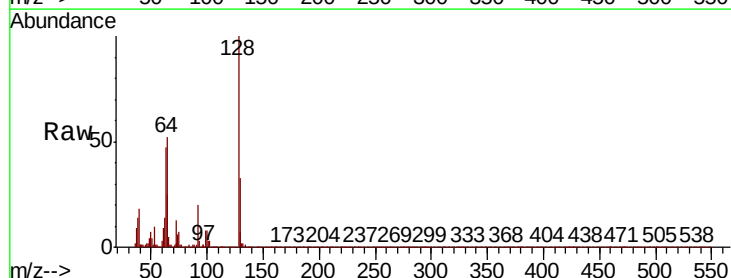
Tgt Ion: 128 Resp: 79040

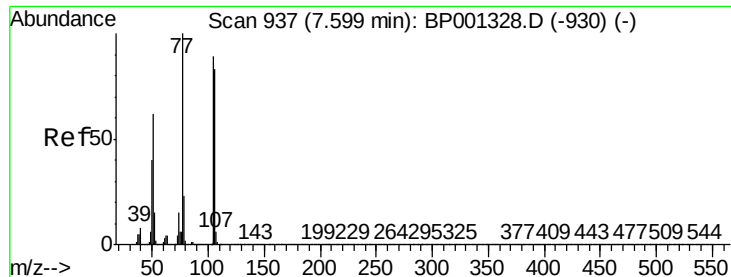
Ion Ratio Lower Upper

128 100

130 32.8 10.7 50.7

64 52.2 37.7 77.7





#9

Benzaldehyde

Concen: 11.071 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

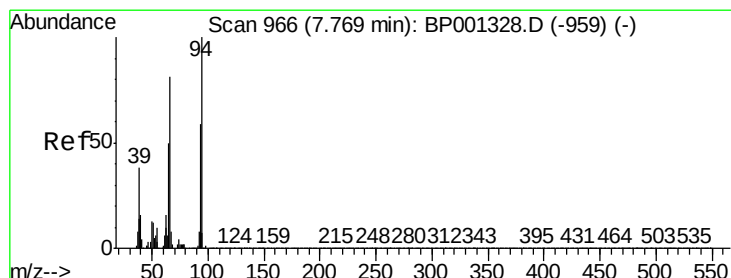
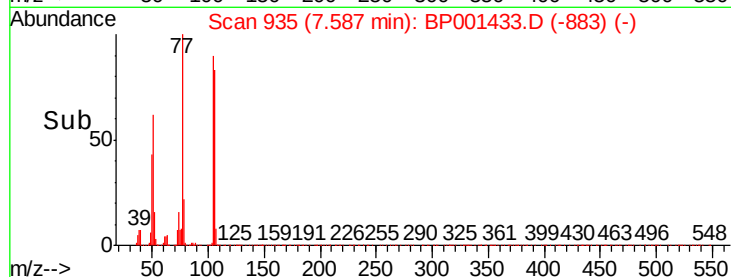
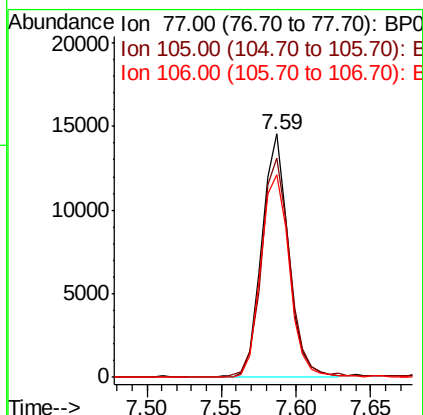
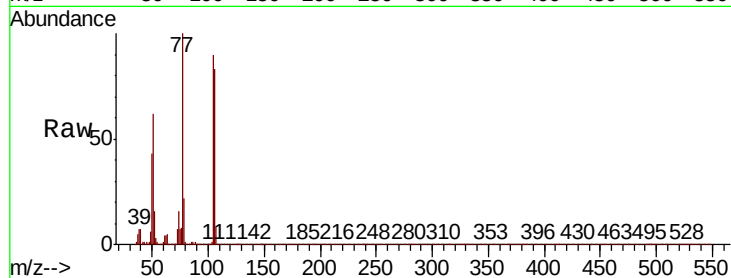
Tot Ion: 77 Resp: 17780

Ion Ratio Lower Upper

77 100

105 89.9 75.7 115.7

106 83.0 70.5 110.5



#10

Phenol

Concen: 38.121 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

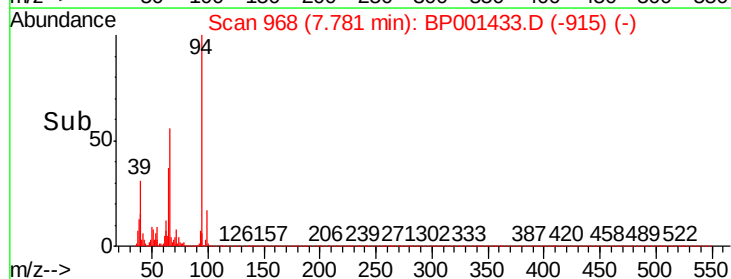
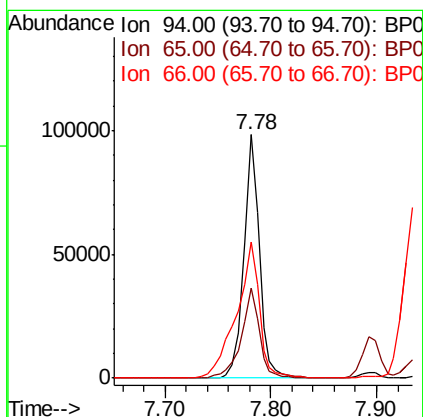
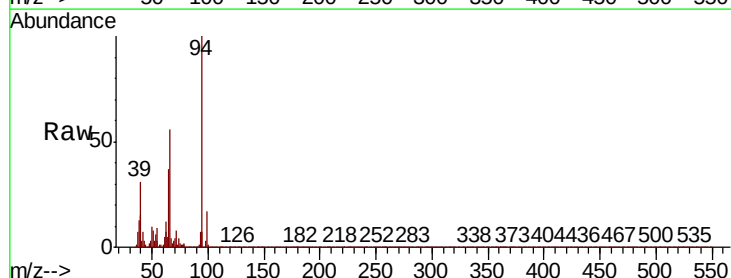
Tgt Ion: 94 Resp: 99722

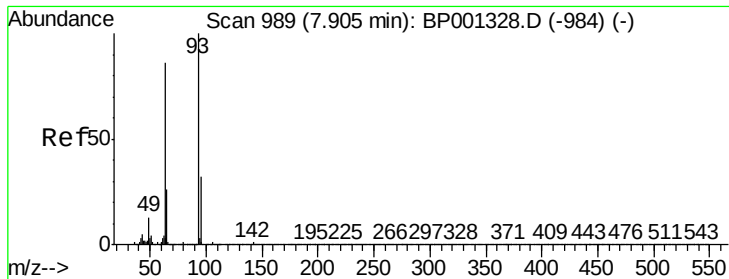
Ion Ratio Lower Upper

94 100

65 36.9 29.6 69.6

66 55.7 62.3 102.3#

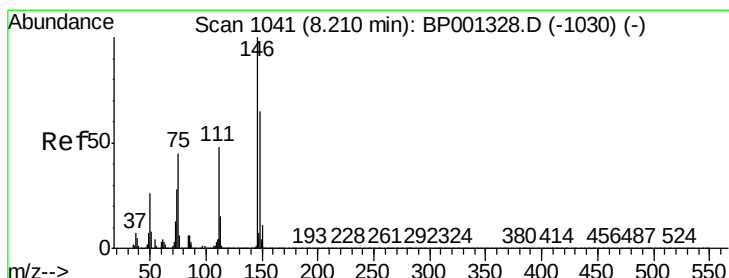
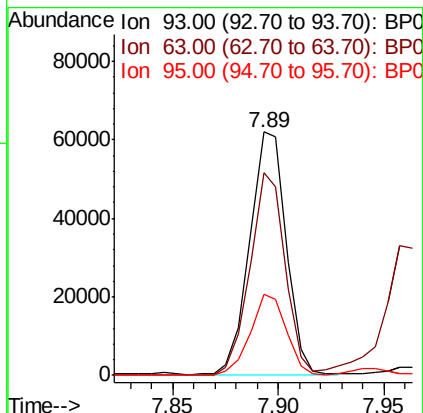
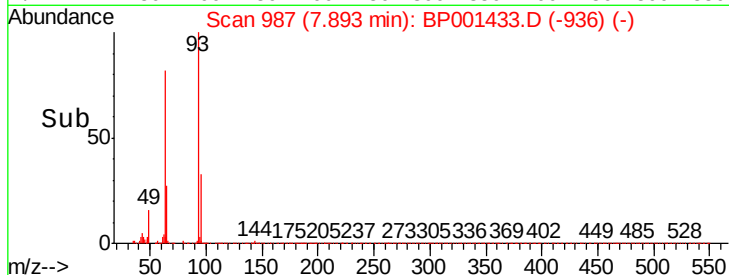
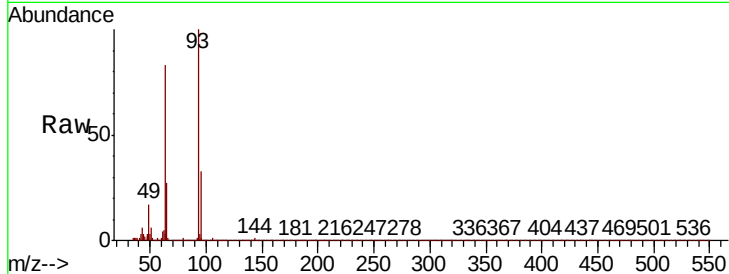




#11
bis(2-Chloroethyl)ether
Concen: 40.581 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

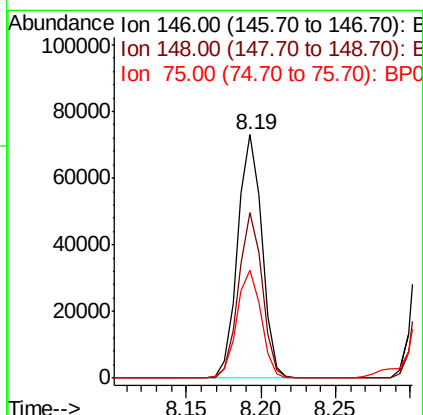
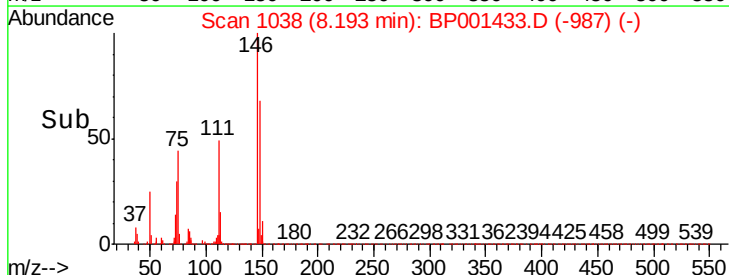
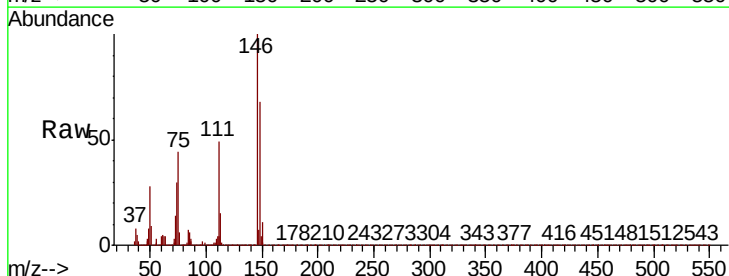
Instrument :
BNA_P
ClientSampleId :

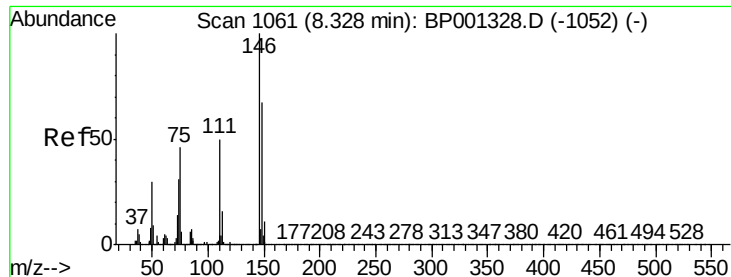
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.1	64.9	104.9
95	33.1	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 37.658 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	52.2	78.2
75	44.2	35.8	53.8

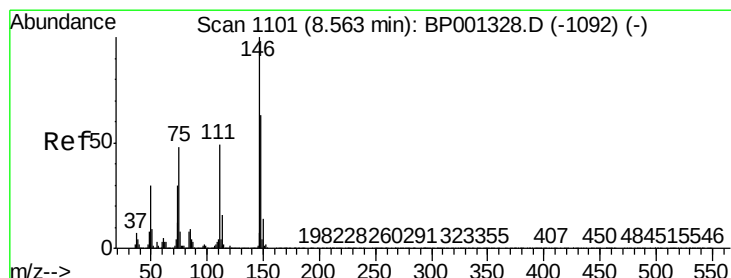
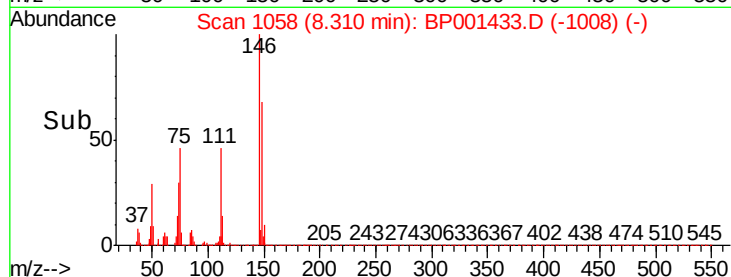
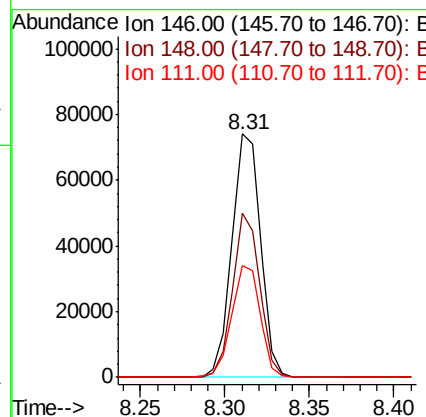
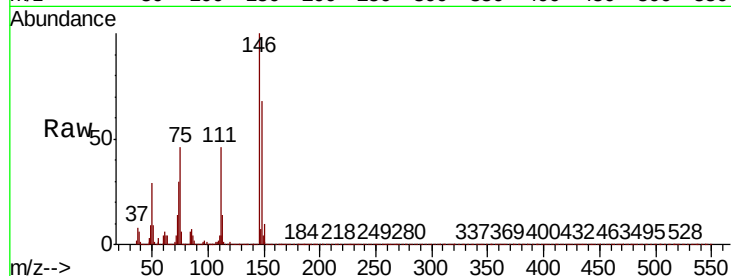




#13
1,4-Dichlorobenzene
Concen: 38.893 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

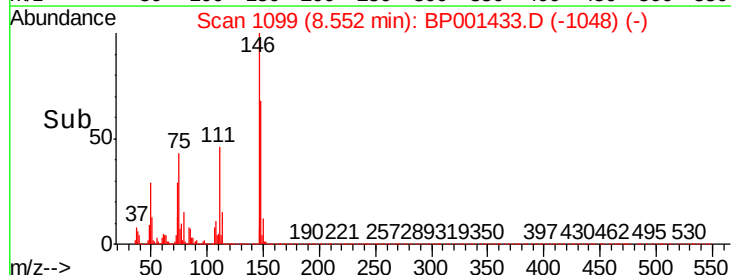
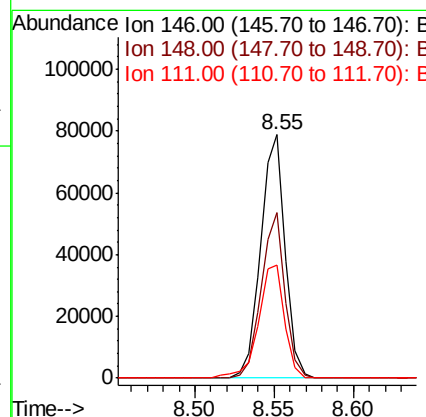
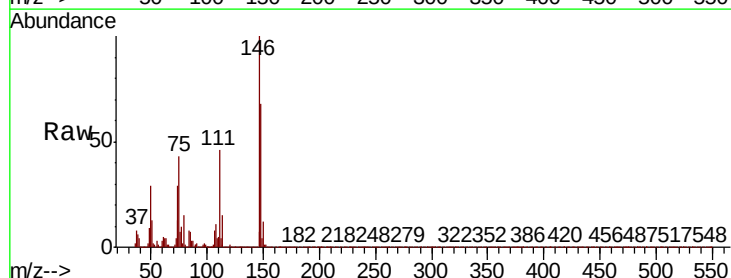
Instrument :
BNA_P
ClientSampleId :

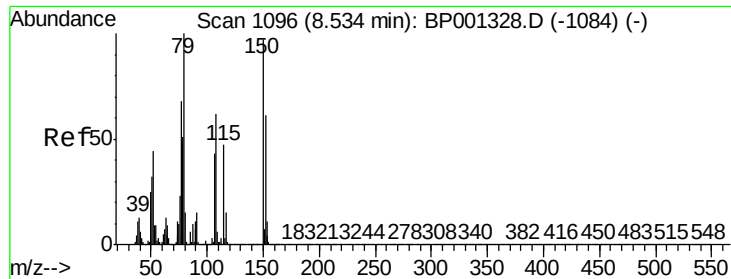
Tot Ion:146 Resp: 87061
Ion Ratio Lower Upper
146 100
148 67.5 51.9 77.9
111 46.1 36.8 55.2



#14
1,2-Dichlorobenzene
Concen: 39.656 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:146 Resp: 84567
Ion Ratio Lower Upper
146 100
148 68.0 53.1 79.7
111 46.4 39.5 59.3

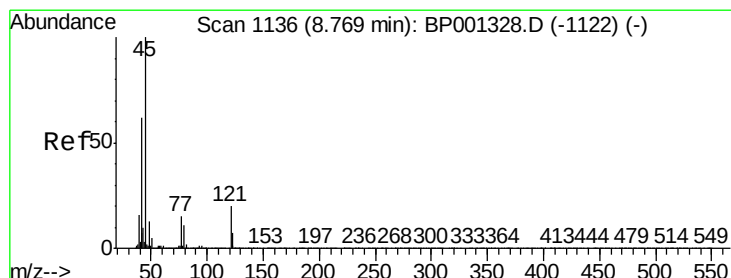
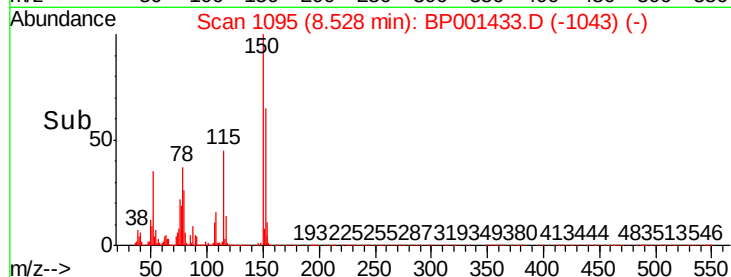
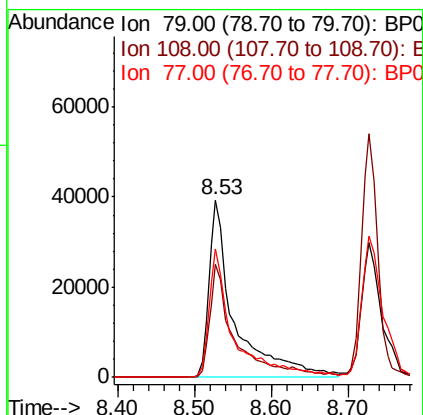
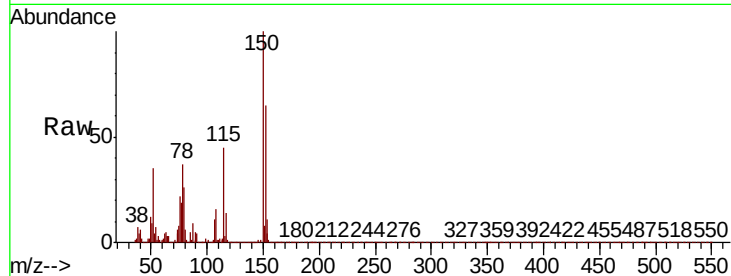




#15
Benzyl Alcohol
Concen: 41.411 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

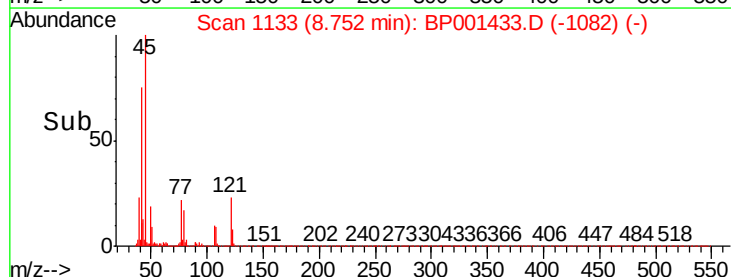
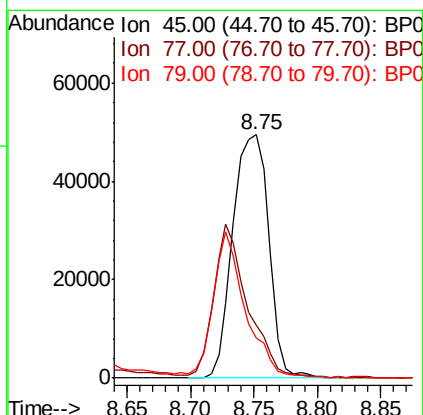
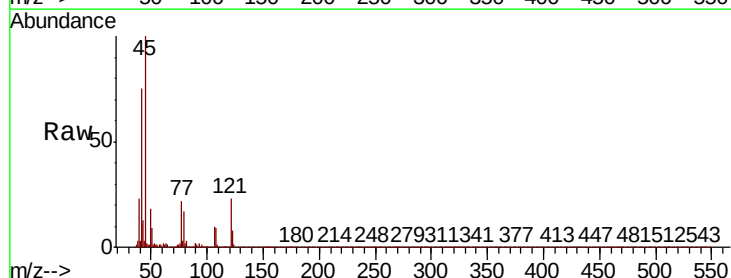
Instrument :
BNA_P
ClientSampleId :

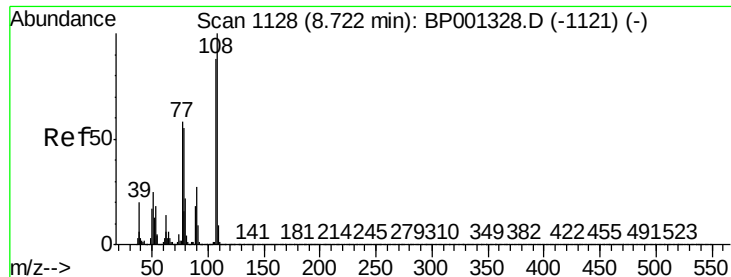
Tot Ion	Ratio	Lower	Upper
79	100		
108	63.5	49.0	73.4
77	72.1	56.7	85.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.226 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.8	0.0	34.7
79	16.7	0.0	31.8

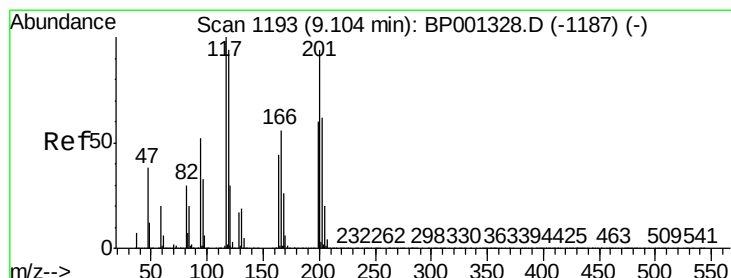
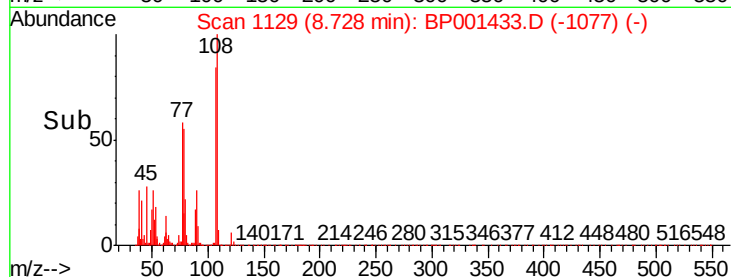
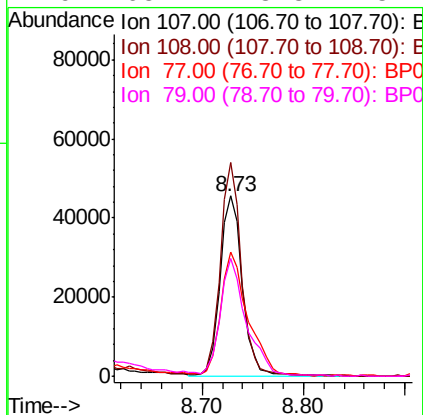
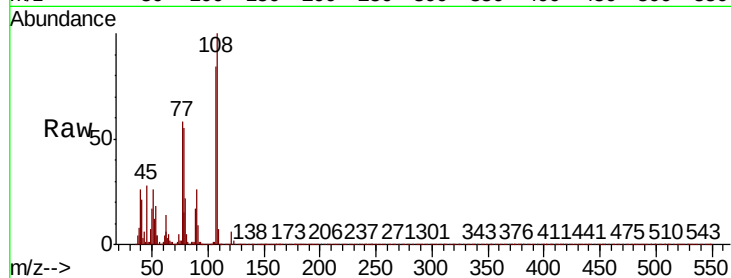




#17
2-Methylphenol
Concen: 44.702 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

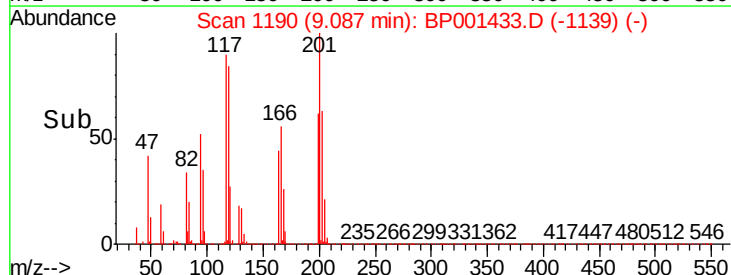
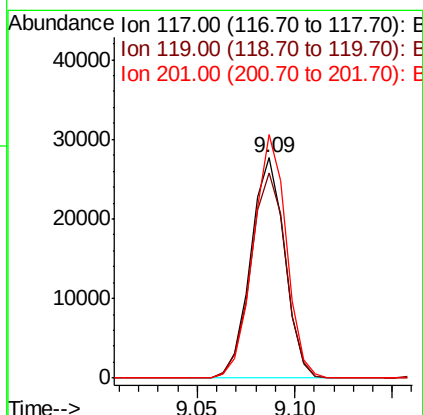
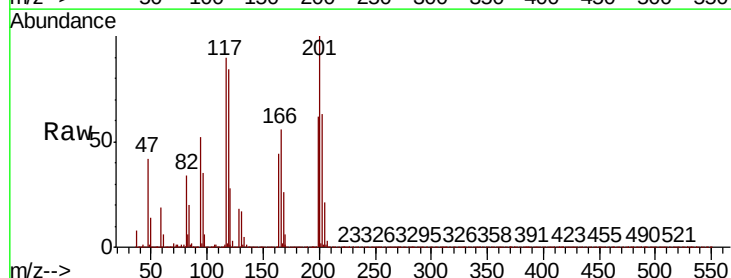
Instrument :
BNA_P
ClientSampleId :

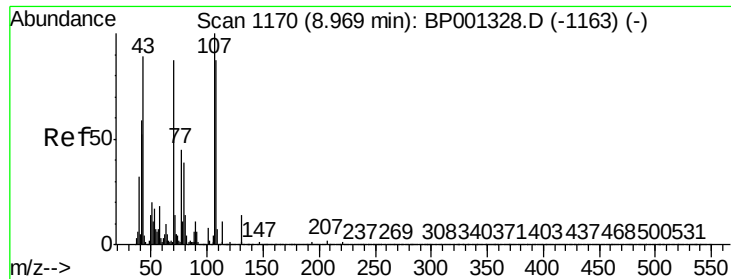
Tot Ion:	107	Resp:	69678
Ion	Ratio	Lower	Upper
107	100		
108	118.4	88.8	133.2
77	68.8	48.9	73.3
79	65.4	48.8	73.2



#18
Hexachloroethane
Concen: 35.168 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:	117	Resp:	33489
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.6
201	110.6	77.8	116.6

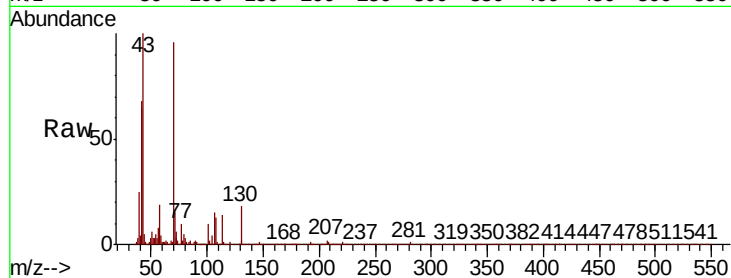




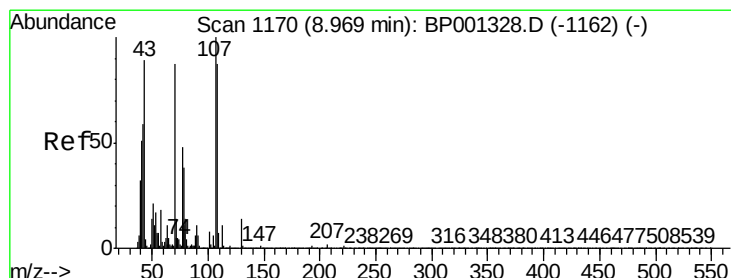
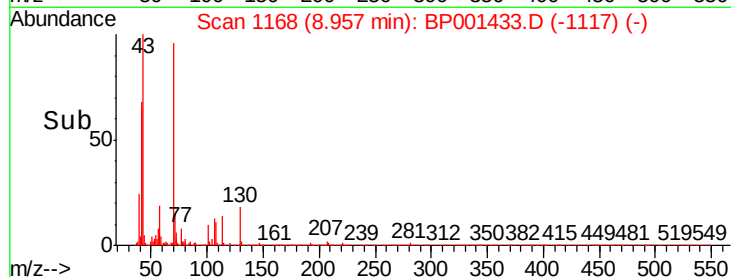
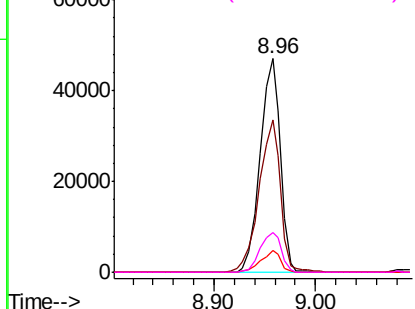
#19
n-Nitroso-di-n-propylamine
Concen: 39.701 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	64527
Ion	Ratio	Lower	Upper
70	100		
42	71.2	55.8	83.8
101	10.0	8.2	12.2
130	18.7	14.5	21.7

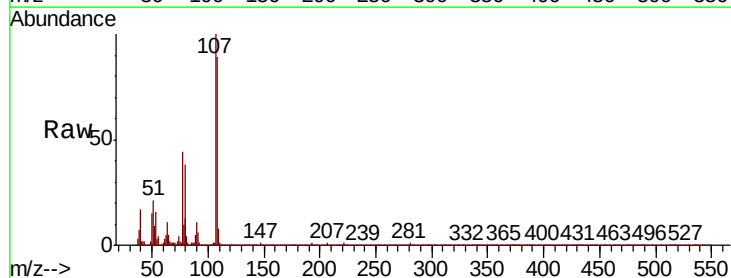


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

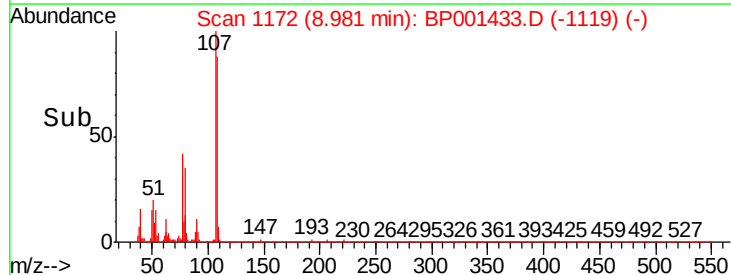
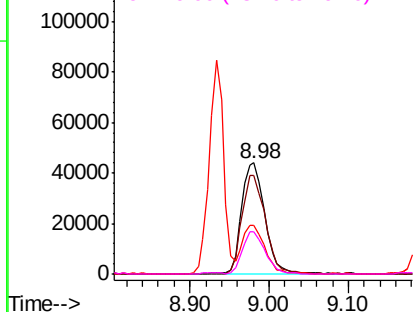


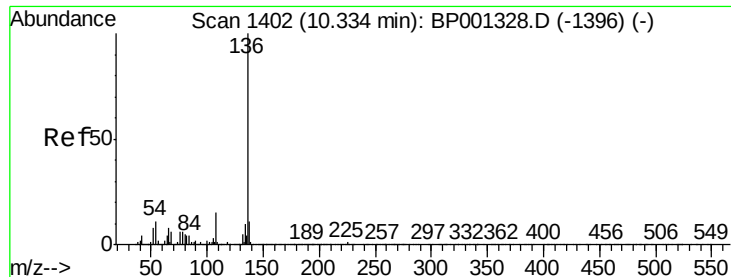
#20
3+4-Methylphenols
Concen: 43.229 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:	107	Resp:	89415
Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.4	110.4
77	44.0	24.5	64.5
79	37.9	18.8	58.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

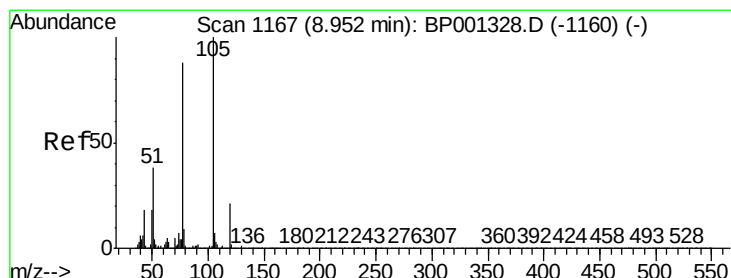
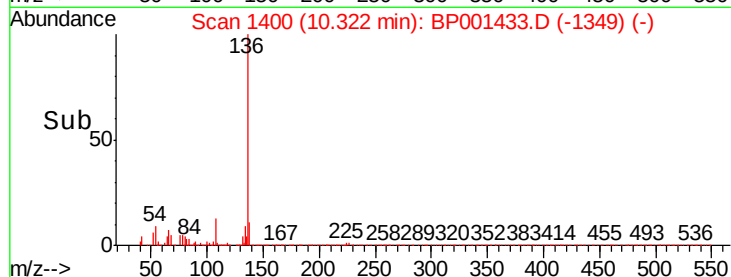
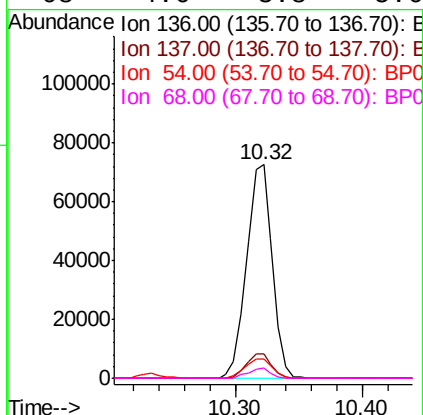
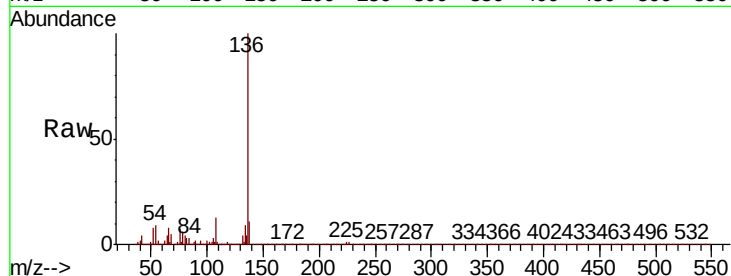




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

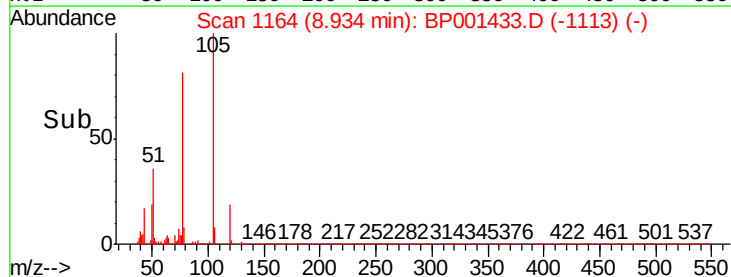
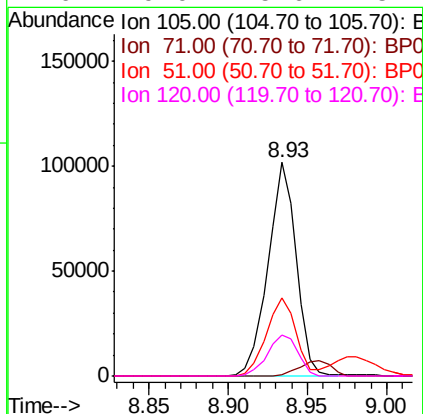
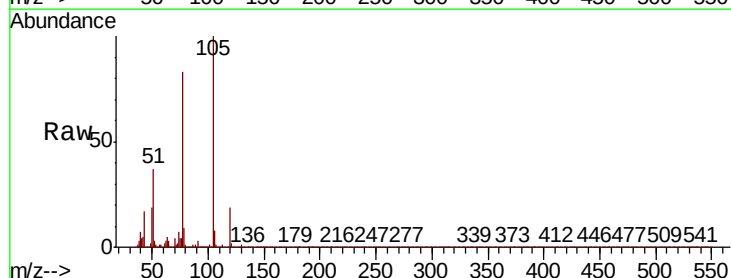
Instrument :
BNA_P
ClientSampleId :

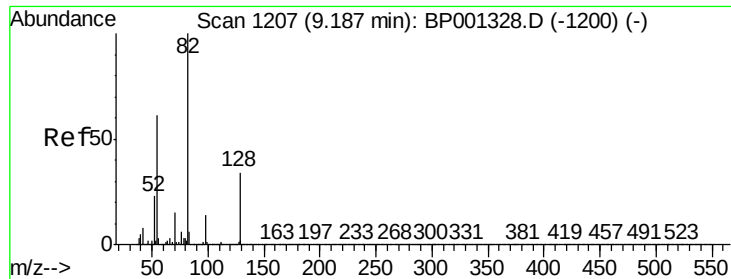
Tot Ion:136	Resp:	101833
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	8.8	7.3 10.9
68	4.6	3.8 5.6



#22
Acetophenone
Concen: 39.268 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:105	Resp:	126453
Ion	Ratio	Lower Upper
105	100	
71	0.8	0.2 0.4#
51	36.9	29.8 44.6
120	19.0	15.6 23.4

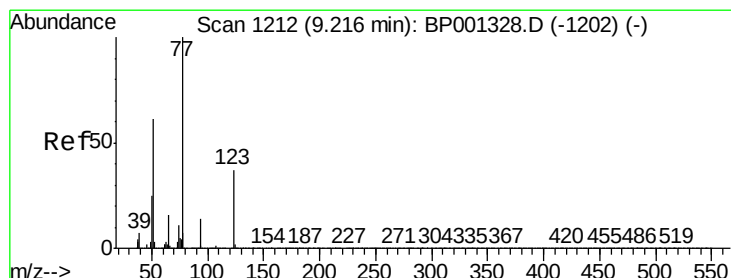
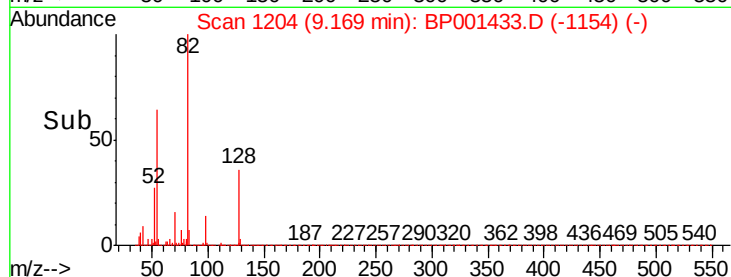
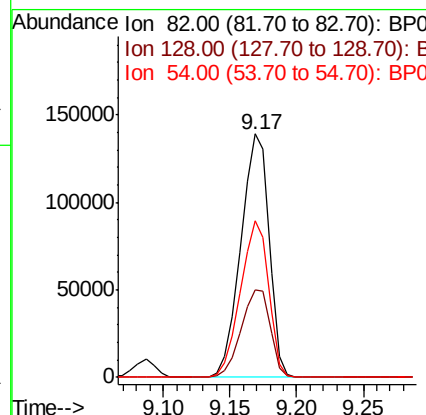
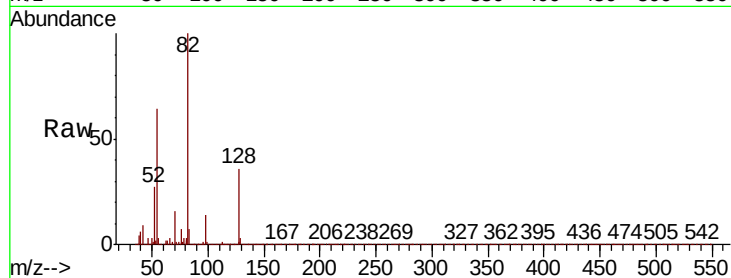




#23
 Nitrobenzene-d5
 Concen: 76.763 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

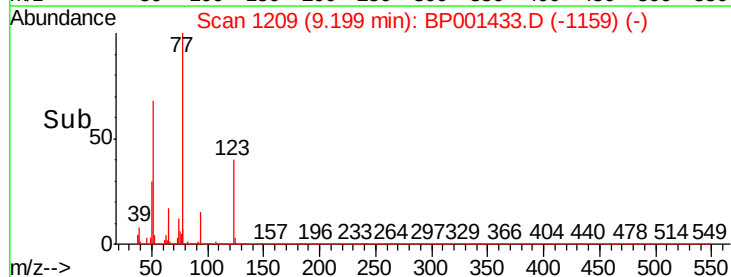
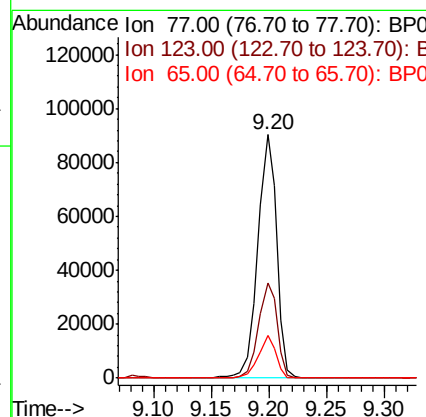
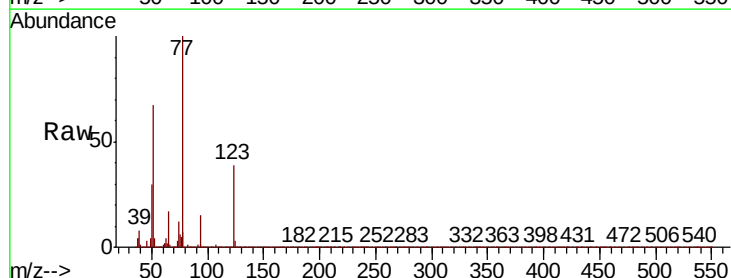
Instrument :
 BNA_P
 ClientSampleId :

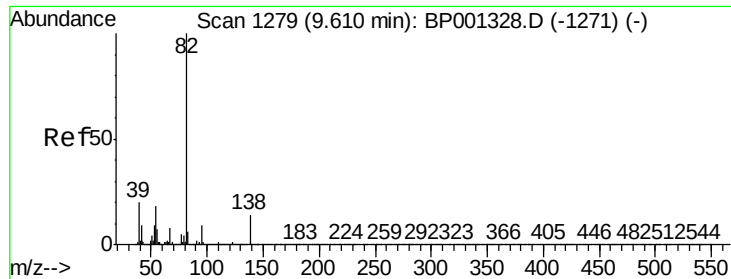
Tot Ion	82	Resp	203561
Ion	Ratio	Lower	Upper
82	100		
128	36.0	27.4	41.0
54	64.4	47.5	71.3



#24
 Nitrobenzene
 Concen: 39.396 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

Tgt Ion	77	Resp	102822
Ion	Ratio	Lower	Upper
77	100		
123	39.3	30.9	46.3
65	17.3	13.0	19.4





#25

Isophorone

Concen: 40.149 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

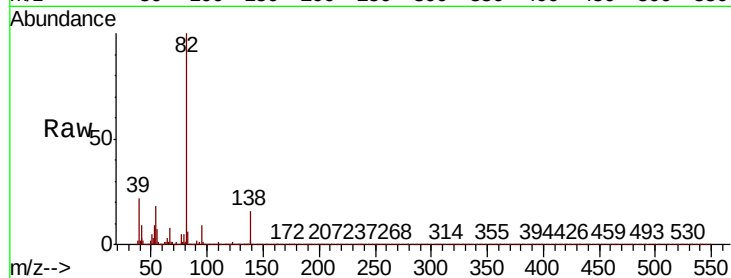
Tot Ion: 82 Resp: 171191

Ion Ratio Lower Upper

82 100

95 9.5 7.3 10.9

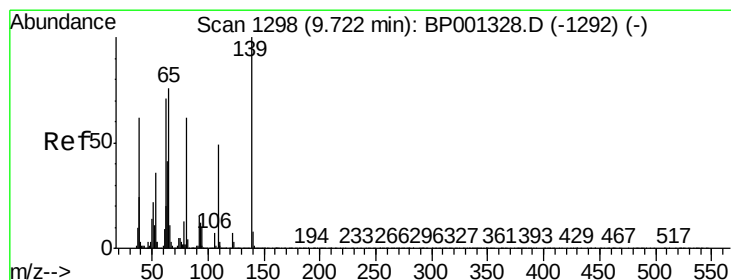
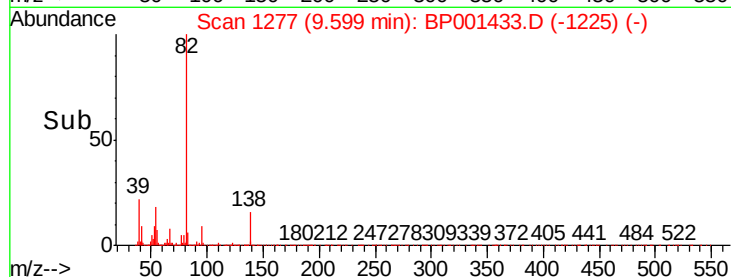
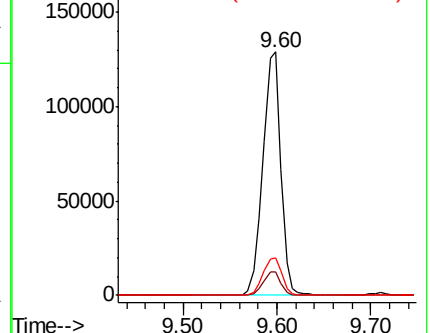
138 15.6 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 46.133 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

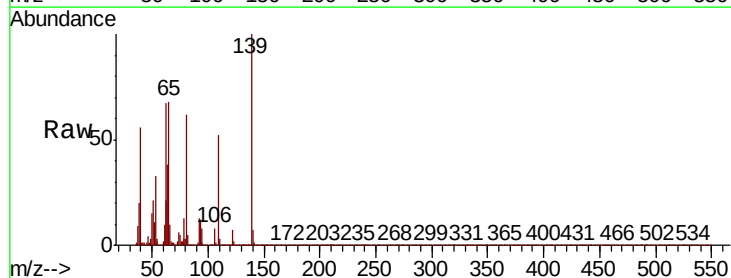
Tgt Ion: 139 Resp: 42935

Ion Ratio Lower Upper

139 100

109 51.6 40.5 60.7

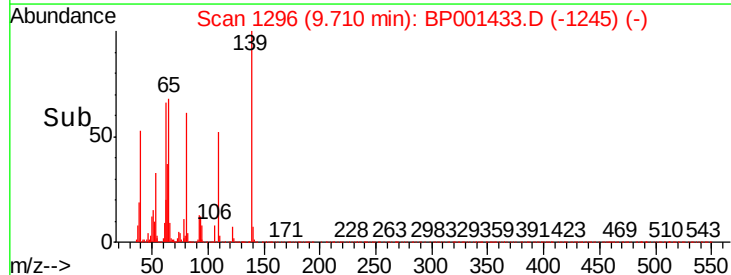
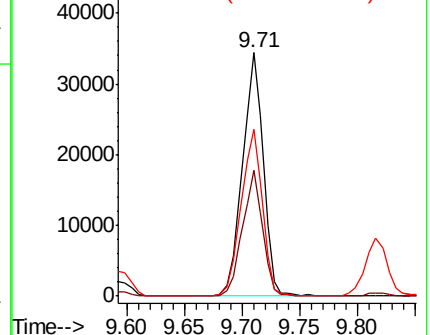
65 68.3 56.2 84.4

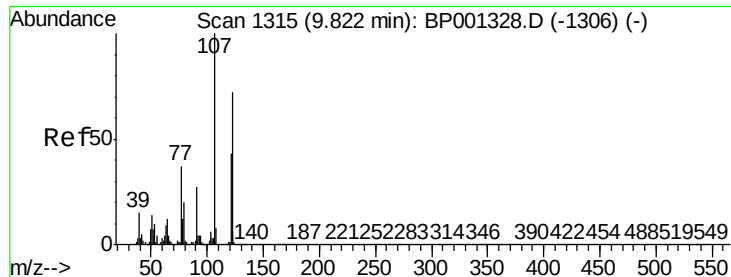


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

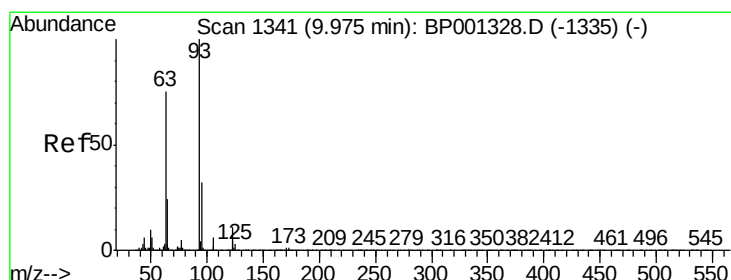
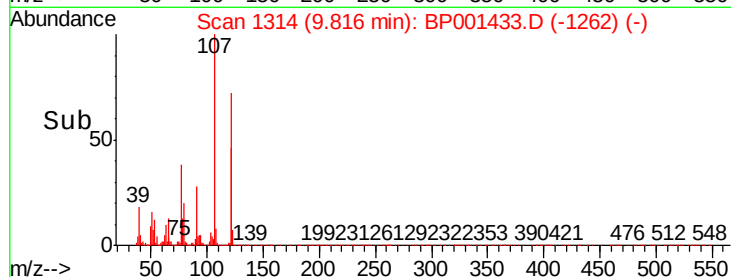
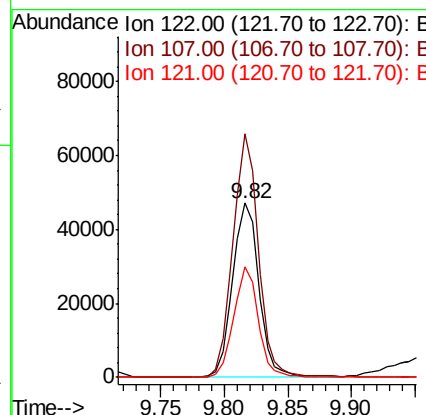
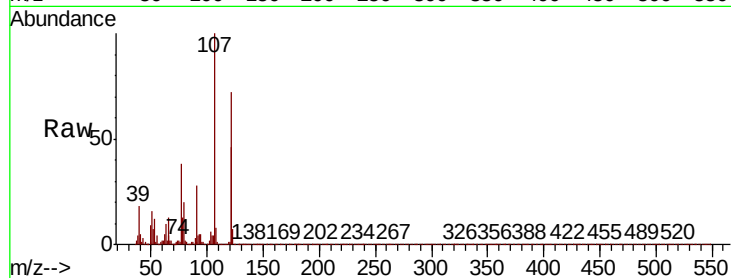




#27
2,4-Dimethylphenol
Concen: 49.496 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

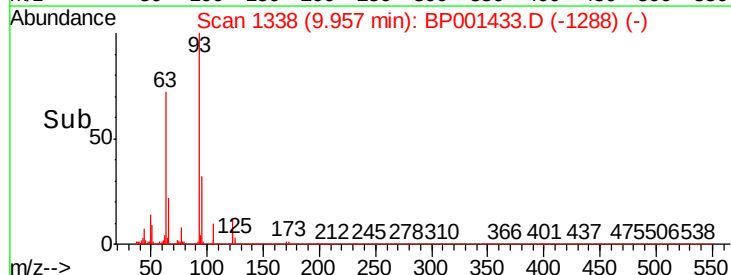
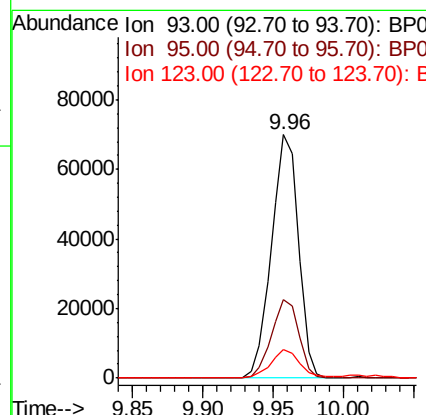
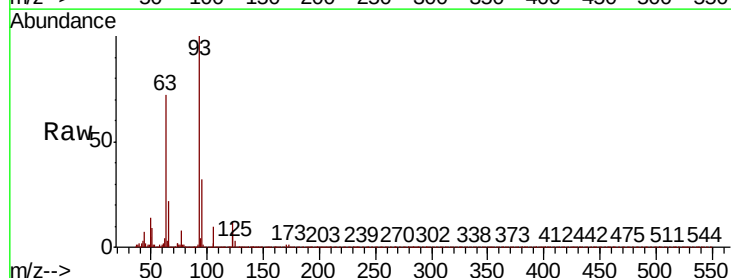
Instrument :
BNA_P
ClientSampled :

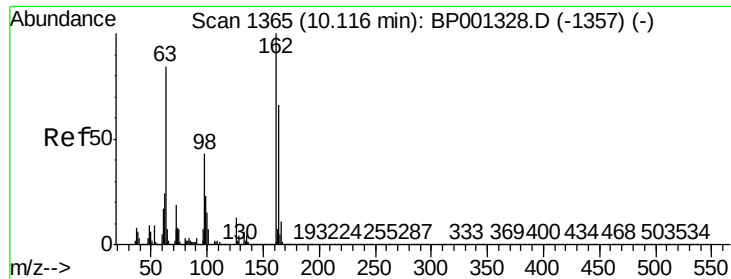
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.7	106.5	159.7
121	63.7	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 36.959 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.7	9.0	13.6

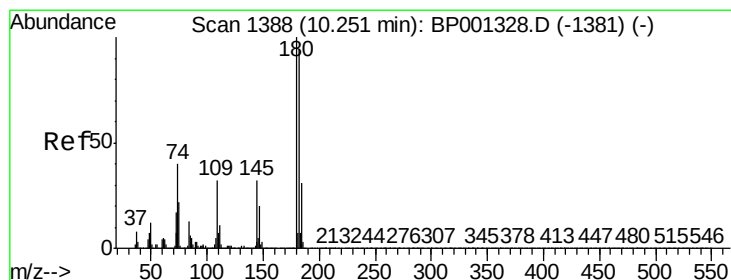
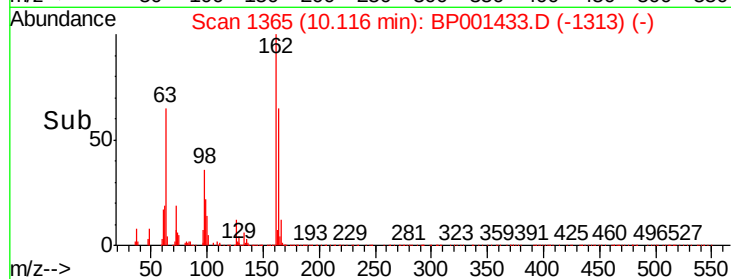
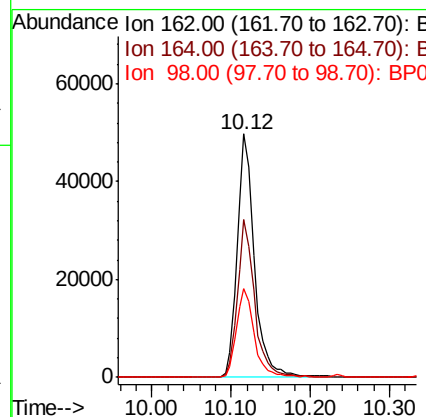
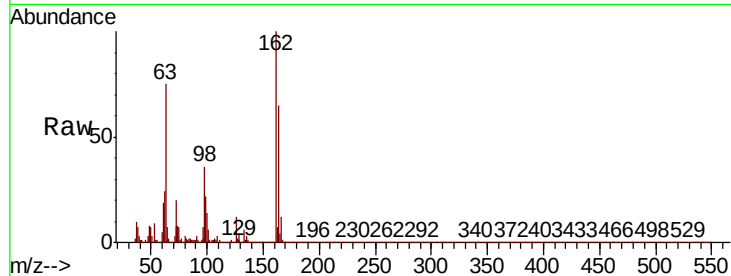




#29
2,4-Dichlorophenol
Concen: 44.319 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

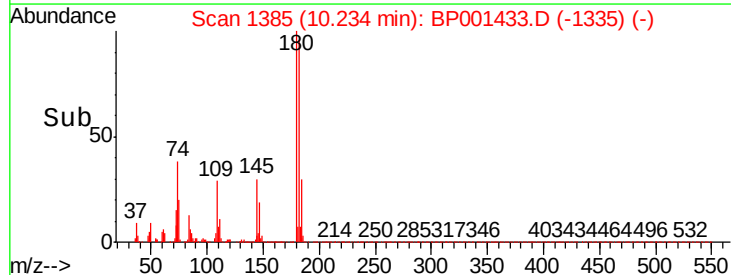
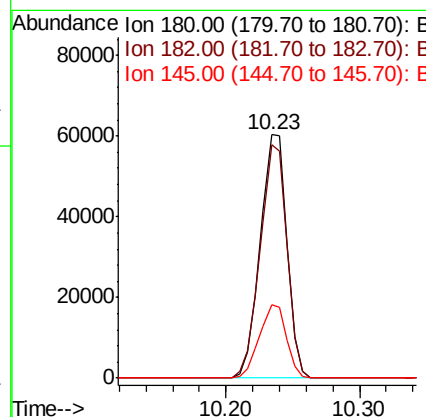
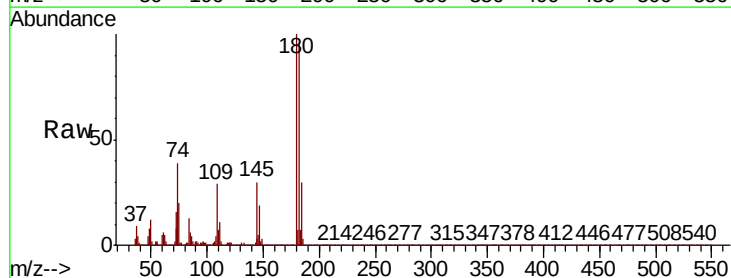
Instrument :
BNA_P
ClientSampleId :

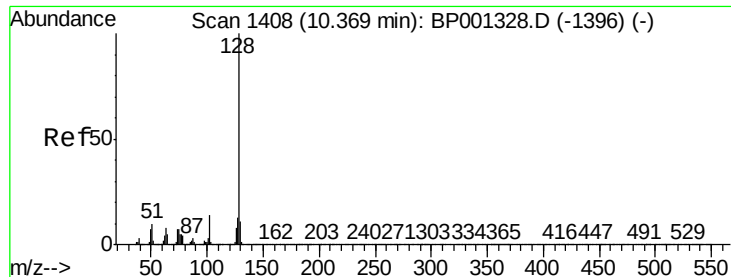
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.8	84.8
98	36.4	18.5	58.5



#30
1,2,4-Trichlorobenzene
Concen: 39.869 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.3	118.9
145	30.3	23.1	34.7

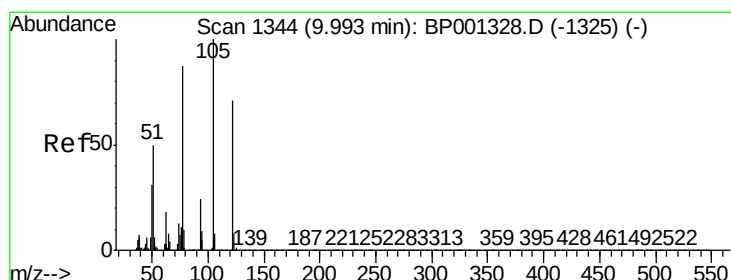
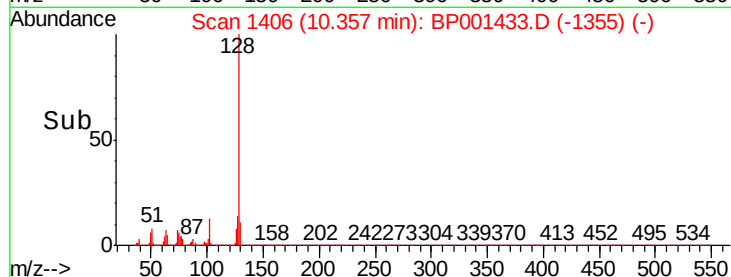
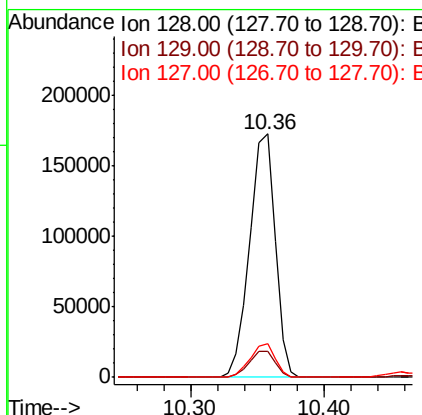
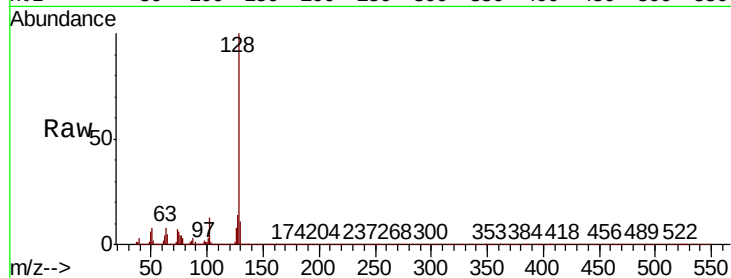




#31
Naphthalene
Concen: 41.027 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

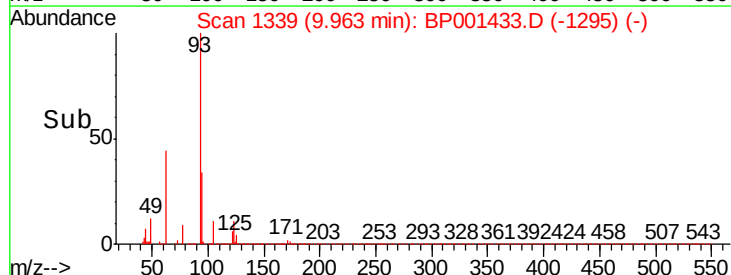
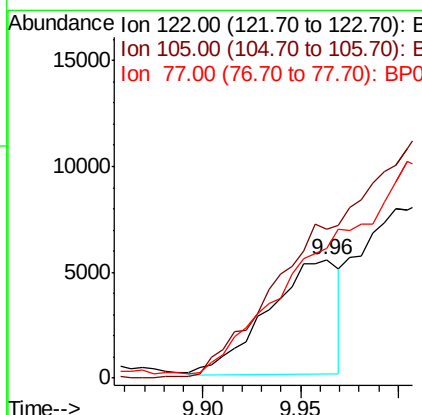
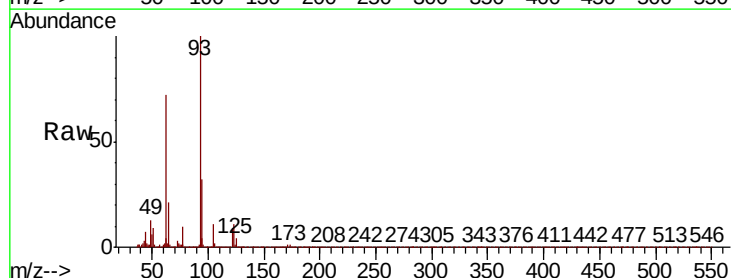
Instrument :
BNA_P
ClientSampleId :

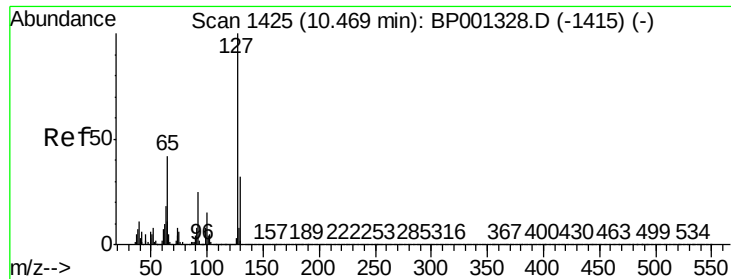
Tot Ion:128	Resp:	228056
Ion	Ratio	Lower Upper
128	100	
129	10.7	8.6 12.8
127	13.6	11.0 16.6



#32
Benzoic acid
Concen: 16.122 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.04 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:122	Resp:	13720
Ion	Ratio	Lower Upper
122	100	
105	125.1	117.8 157.8
77	109.7	85.6 125.6

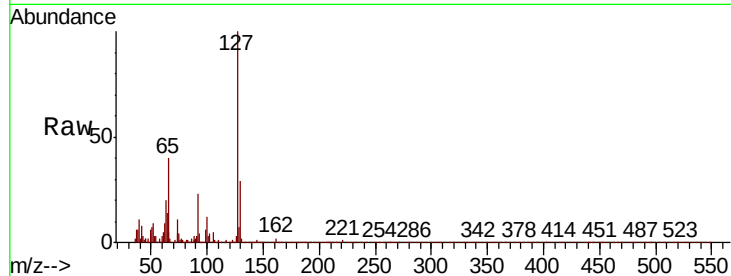




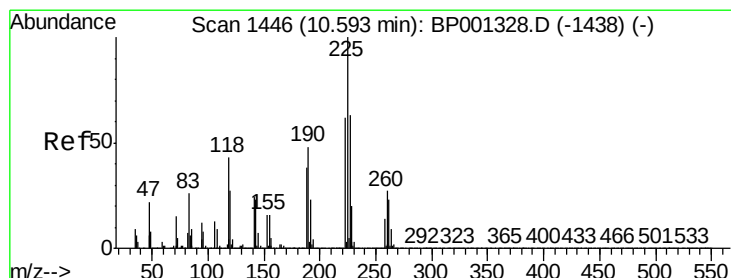
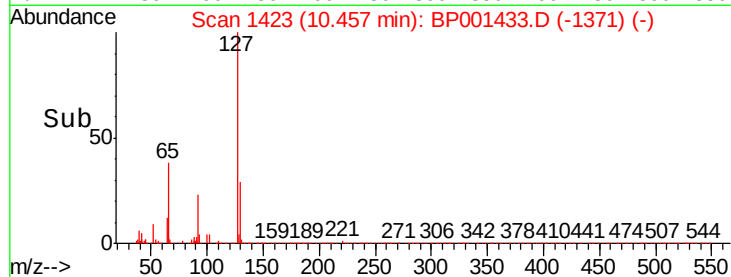
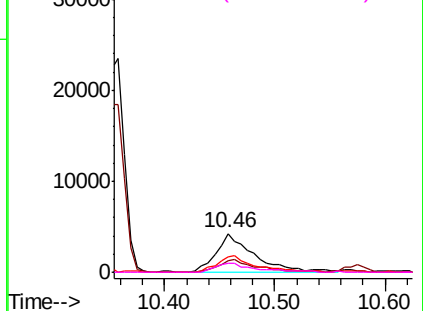
#33
4-Chloroaniline
Concen: 4.365 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	9922
Ion	Ratio	Lower	Upper
127	100		
129	29.3	25.8	38.8
65	39.9	33.9	50.9
92	23.2	17.9	26.9

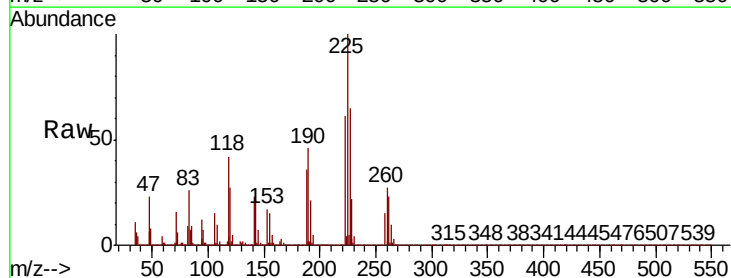


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

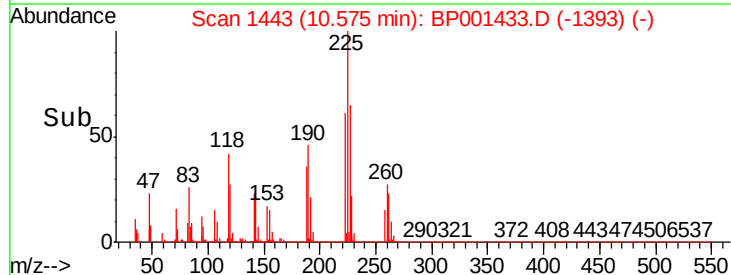
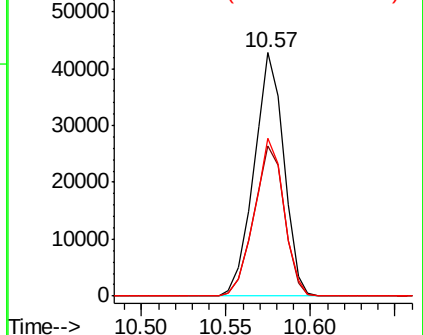


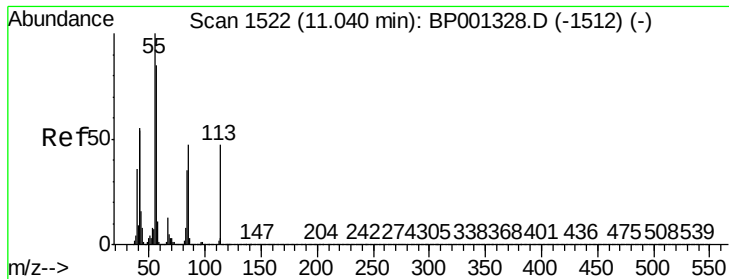
#34
Hexachlorobutadiene
Concen: 36.148 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:	225	Resp:	52564
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.4	77.0
227	64.6	57.0	85.4



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

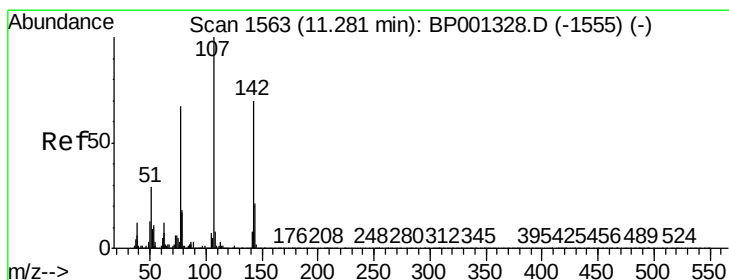
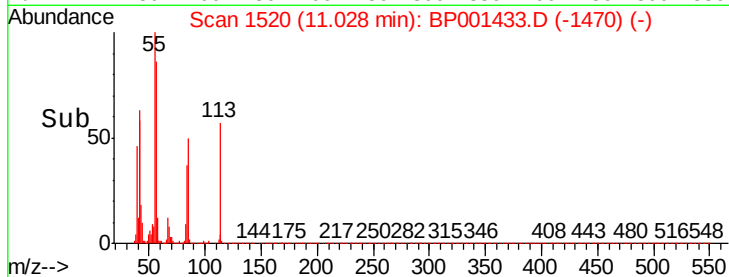
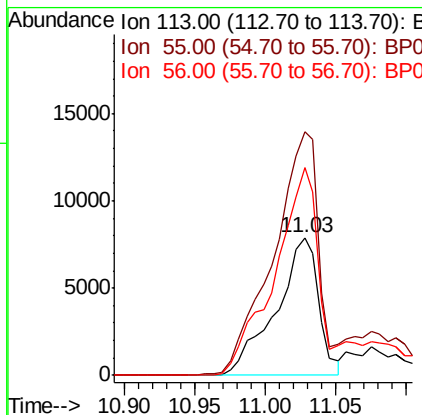
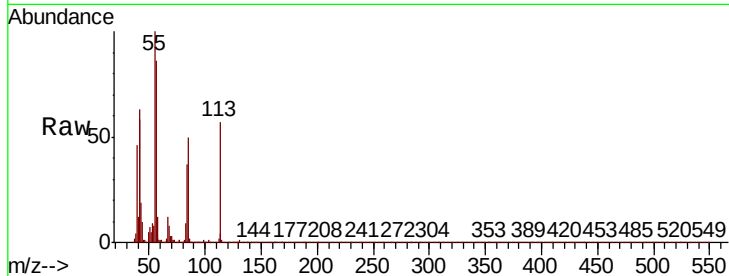




#35
Caprolactam
Concen: 33.045 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

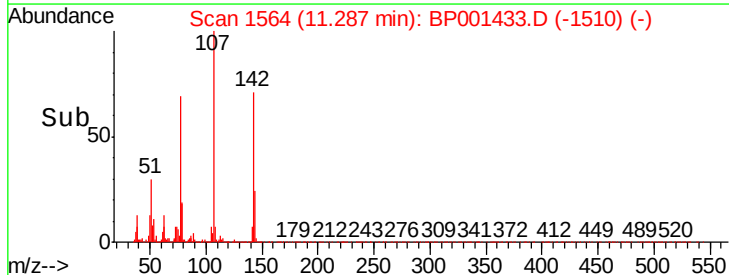
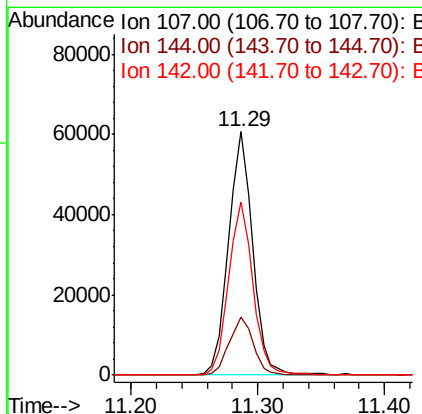
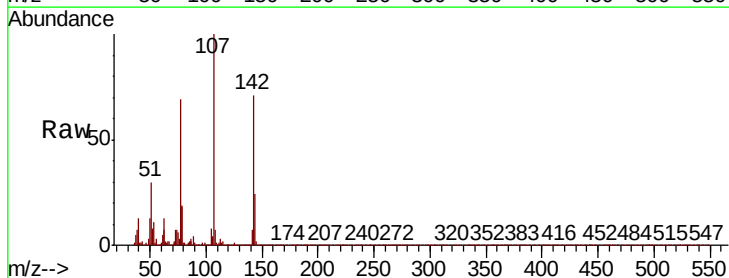
Instrument :
BNA_P
ClientSampleId :

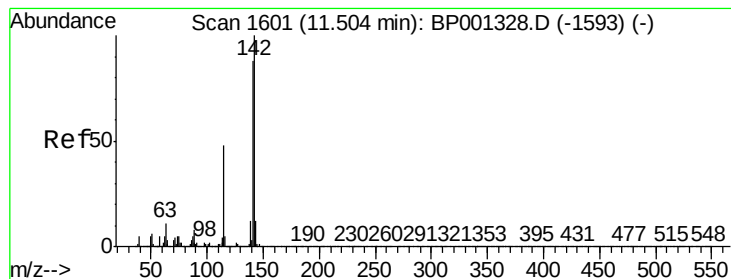
Tot Ion:113 Resp: 16666
Ion Ratio Lower Upper
113 100
55 176.7 164.2 204.2
56 151.2 130.8 170.8



#36
4-Chloro-3-methylphenol
Concen: 40.440 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.02 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:107 Resp: 80099
Ion Ratio Lower Upper
107 100
144 24.0 17.8 26.8
142 71.1 56.2 84.4





#37

2-Methylnaphthalene

Concen: 44.123 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

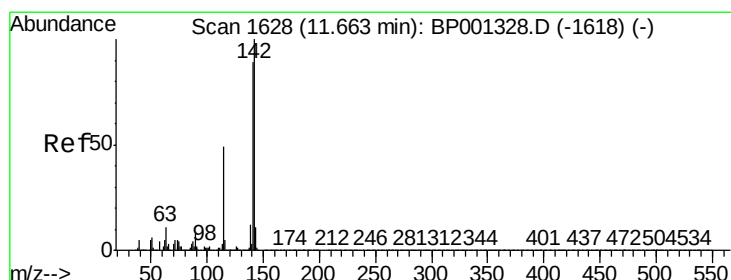
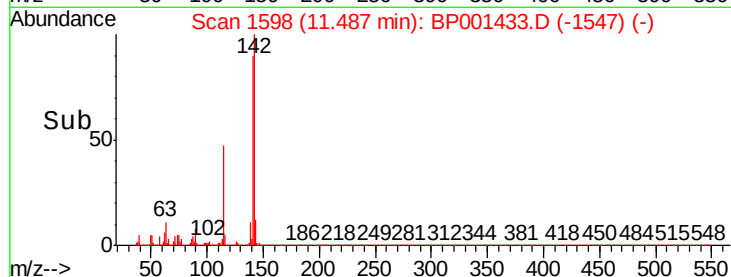
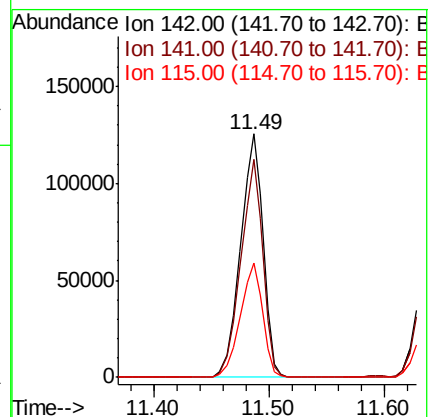
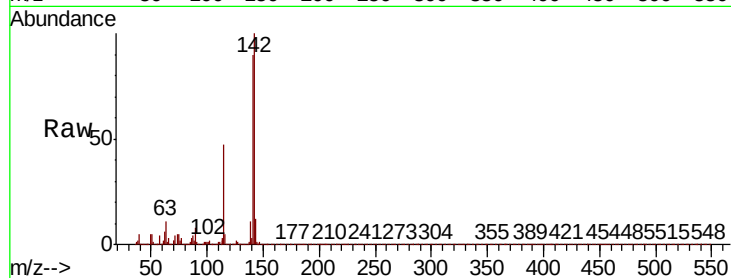
Tot Ion:142 Resp: 169324

Ion Ratio Lower Upper

142 100

141 89.7 70.2 105.2

115 46.9 37.0 55.4



#38

1-Methylnaphthalene

Concen: 43.707 ng

RT: 11.65 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

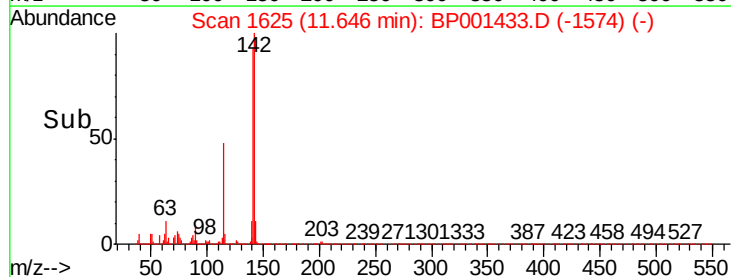
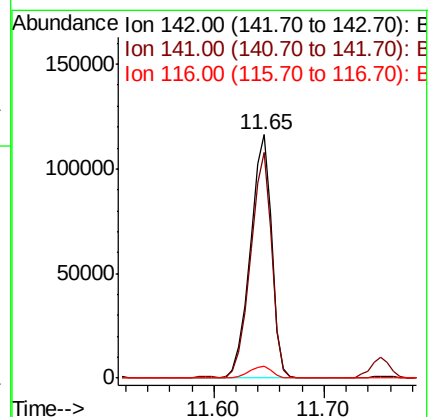
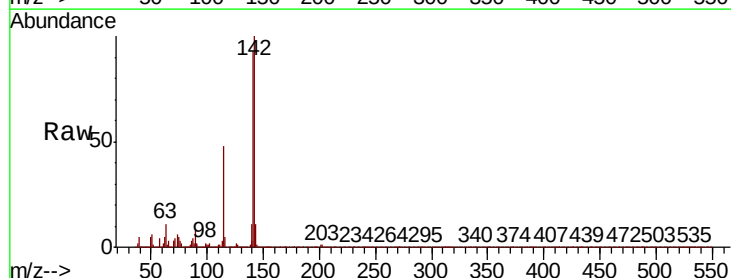
Tgt Ion:142 Resp: 157689

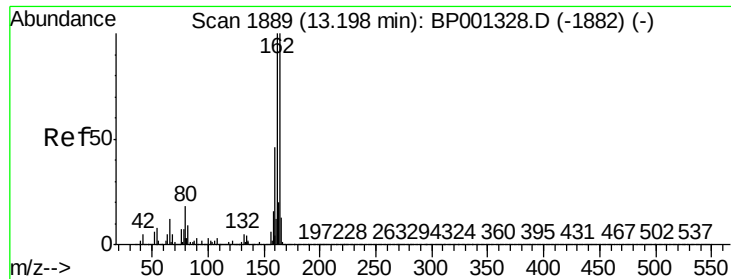
Ion Ratio Lower Upper

142 100

141 92.6 72.9 109.3

116 4.8 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

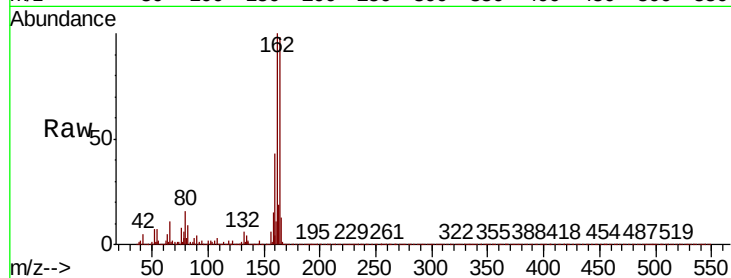
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 61247

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.2	117.4
160	43.5	35.1	52.7

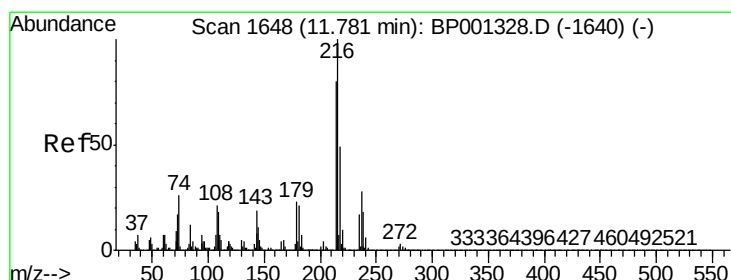
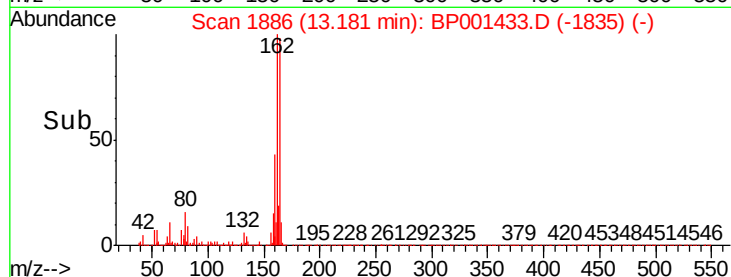
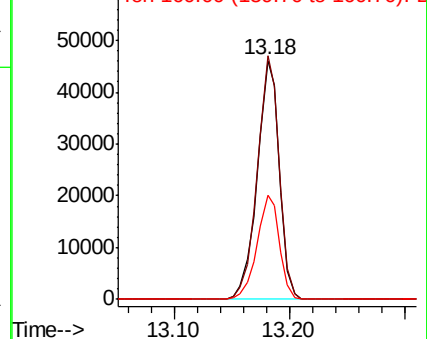


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.606 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Tgt Ion:216 Resp: 94221

Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.1	93.1
179	22.3	17.1	25.7
108	23.7	16.0	24.0

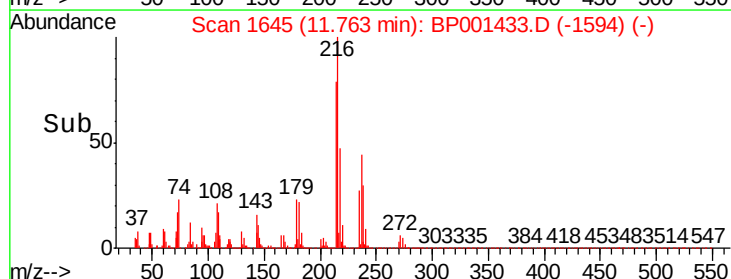
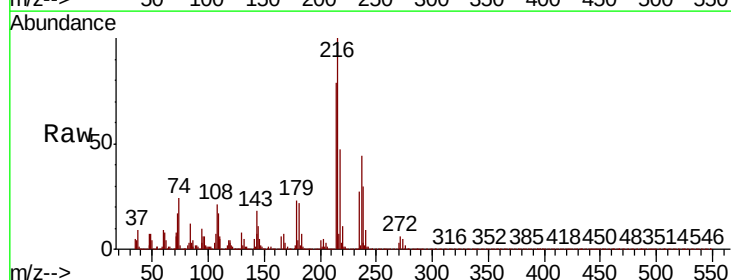
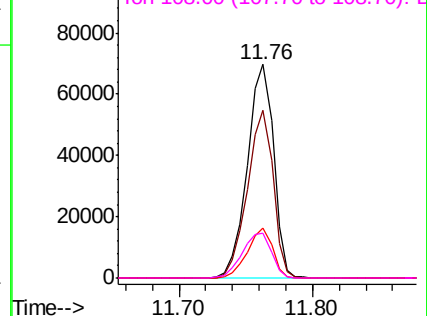
Abundance

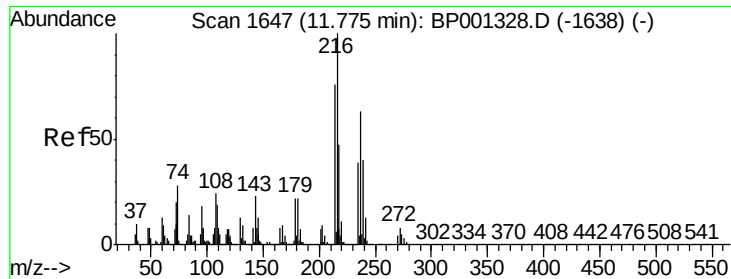
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

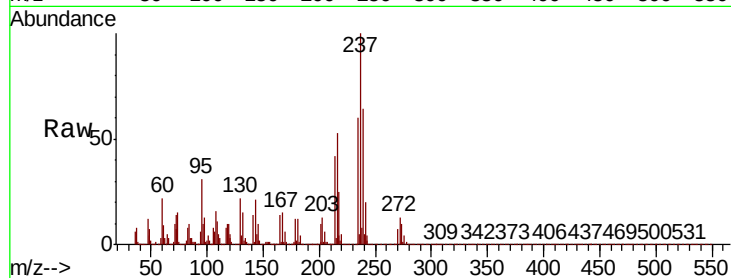




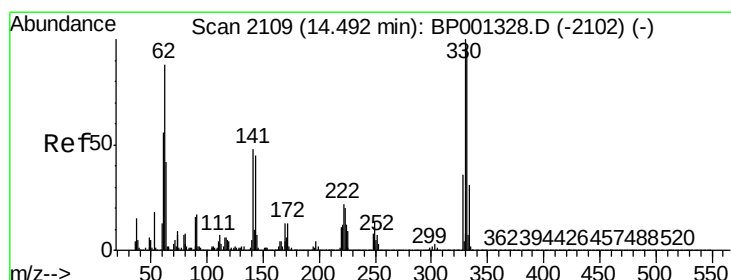
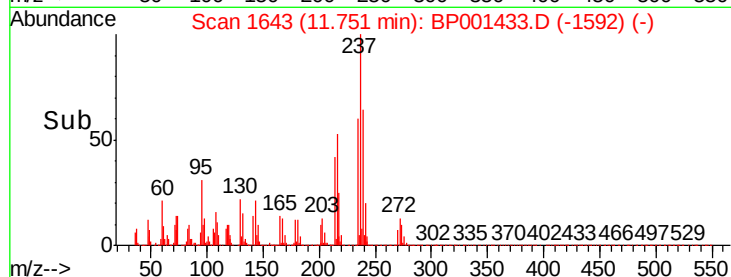
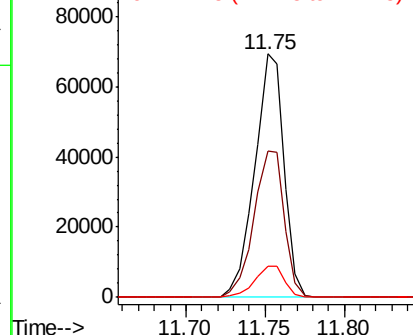
#41
Hexachlorocyclopentadiene
Concen: 79.222 ng
RT: 11.75 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.2	42.8	82.8
272	12.6	0.0	33.0

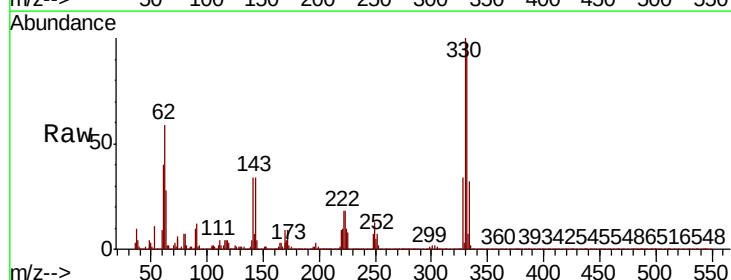


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

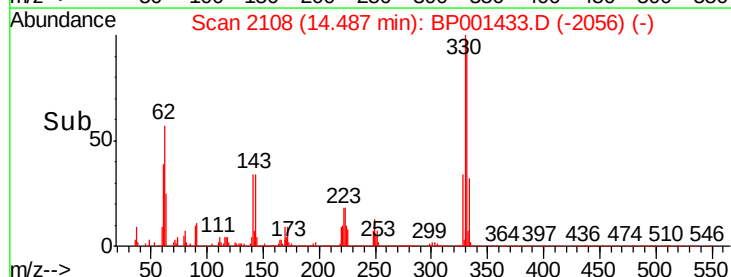
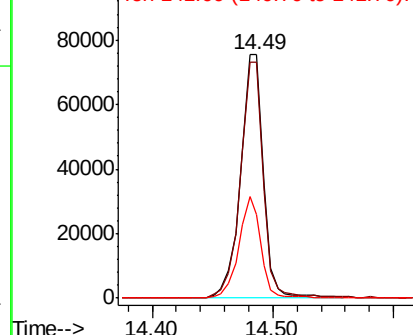


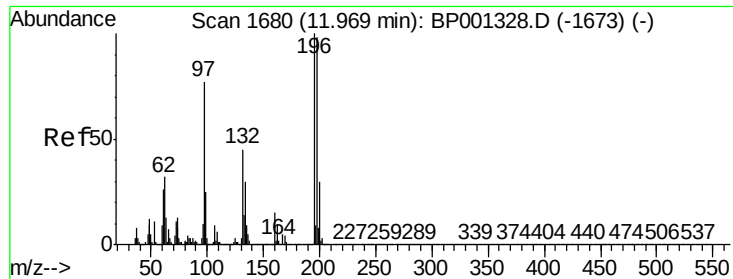
#42
2,4,6-Tribromophenol
Concen: 130.426 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.3	117.5
141	40.2	26.8	40.2#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

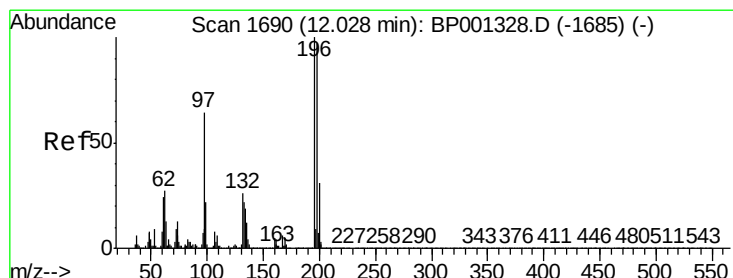
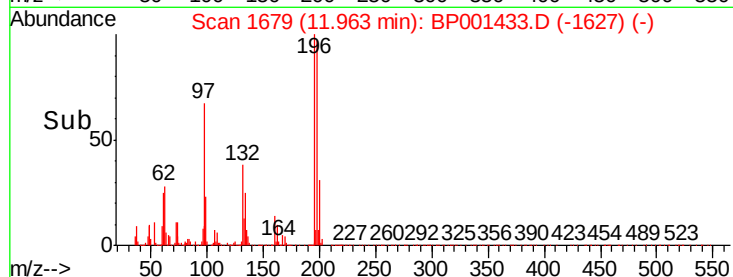
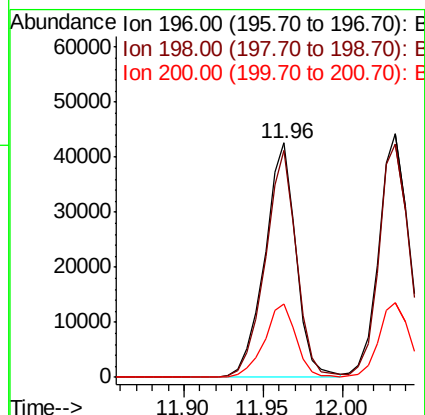
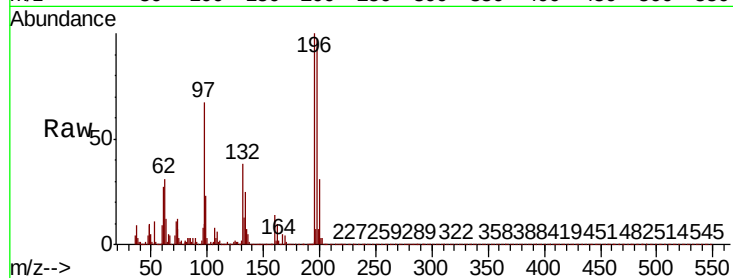




#43
2,4,6-Trichlorophenol
Concen: 42.224 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

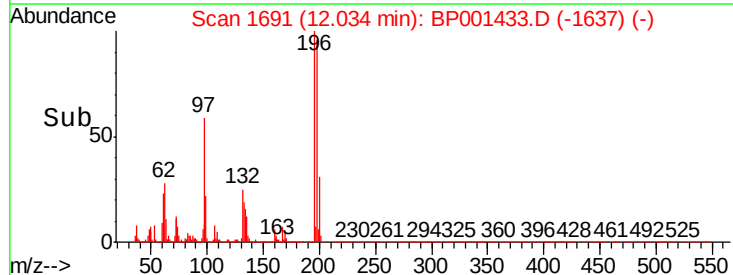
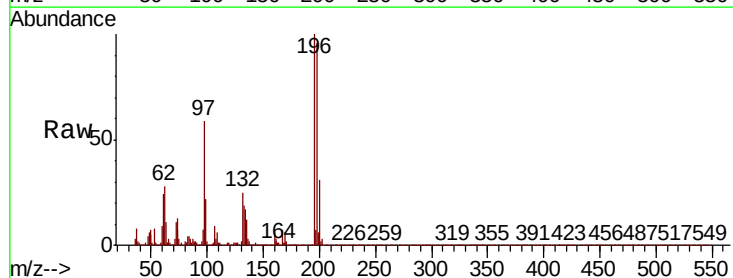
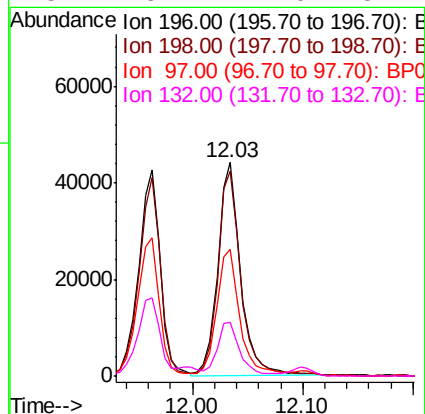
Instrument :
BNA_P
ClientSampleId :

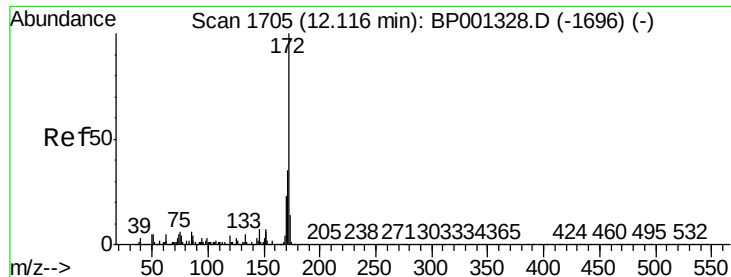
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.2	115.8
200	31.4	25.9	38.9



#44
2,4,5-Trichlorophenol
Concen: 44.204 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.02 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.8	113.6
97	59.2	46.1	69.1
132	25.4	21.0	31.4

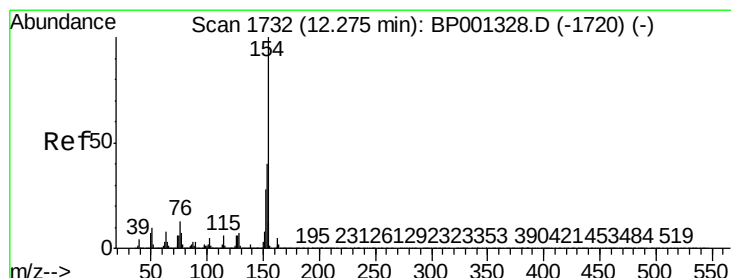
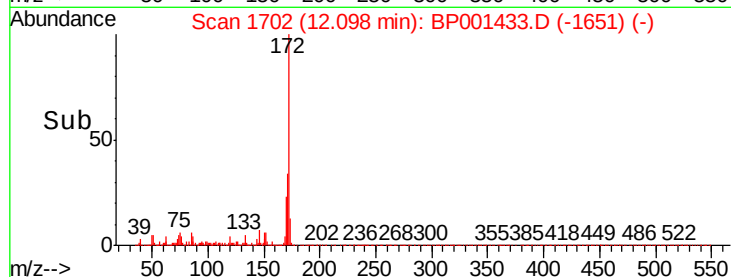
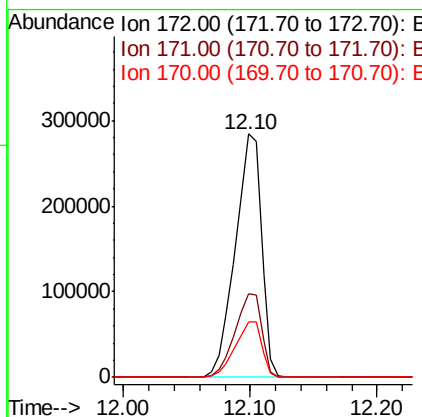
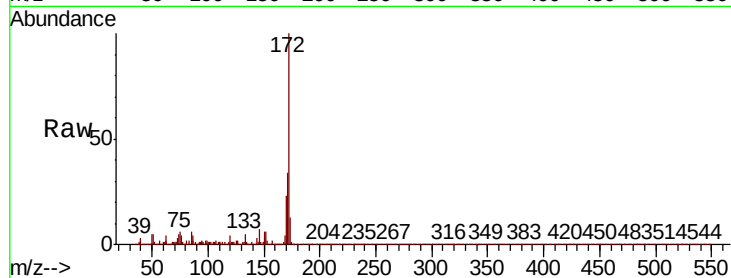




#45
2-Fluorobiphenyl
Concen: 83.777 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

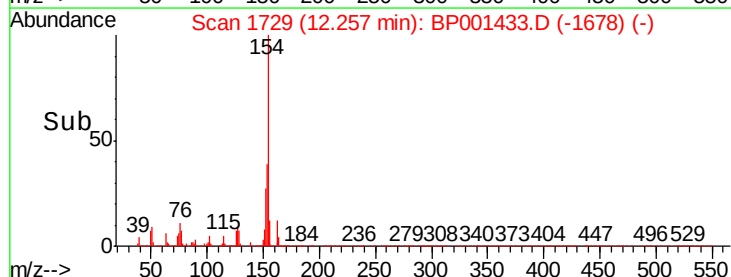
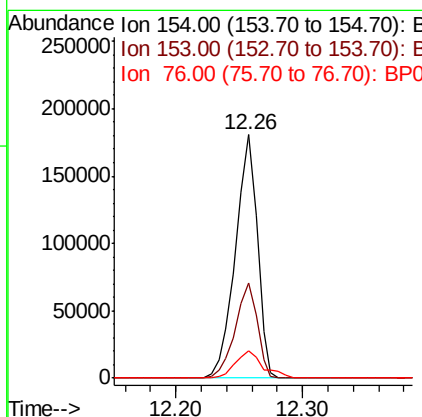
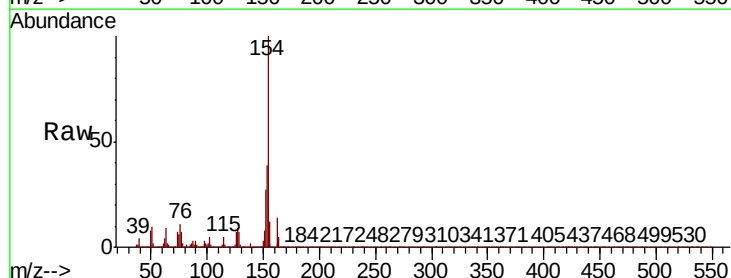
Instrument :
BNA_P
ClientSampleId :

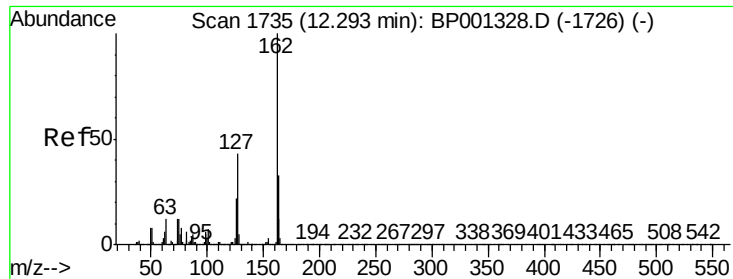
Tot Ion:172 Resp: 405783
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 23.0 18.2 27.4



#46
1,1'-Biphenyl
Concen: 42.134 ng
RT: 12.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:154 Resp: 215950
Ion Ratio Lower Upper
154 100
153 39.2 19.5 59.5
76 11.1 0.0 31.5

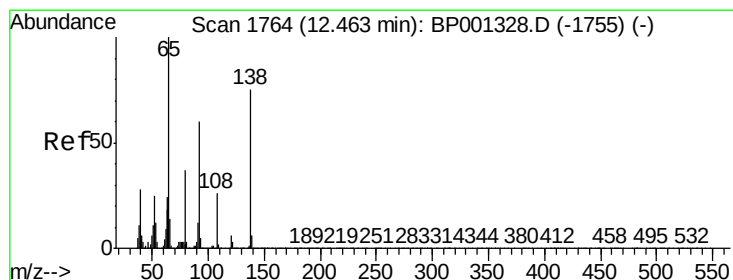
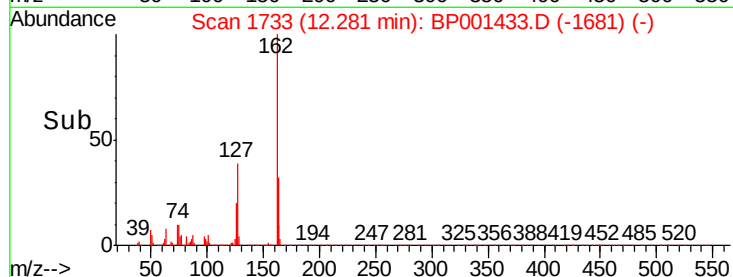
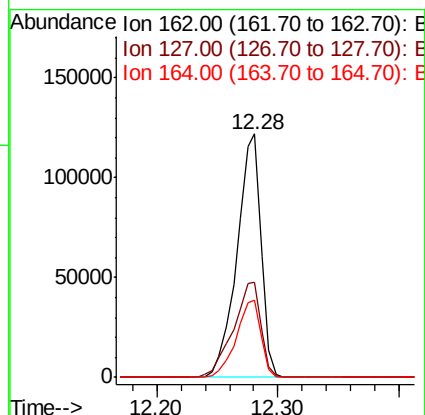
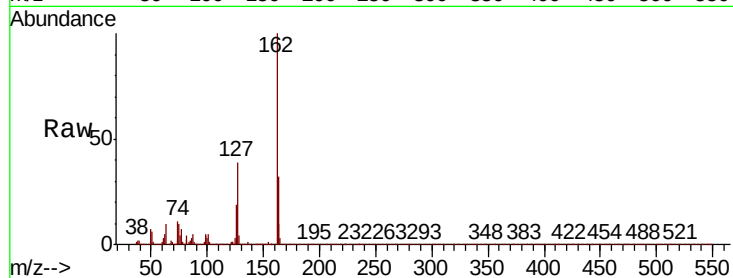




#47
 2-Chloronaphthalene
 Concen: 40.709 ng
 RT: 12.28 min Scan# 1733
 Delta R.T. 0.01 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

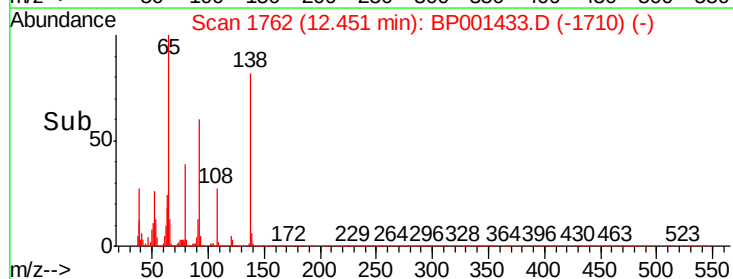
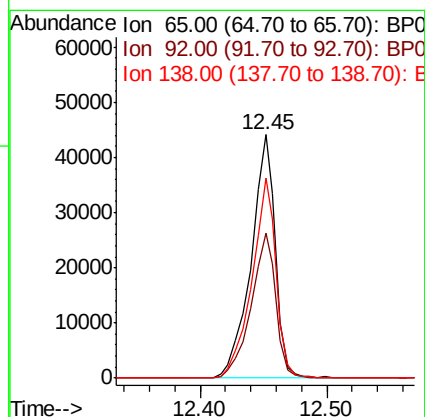
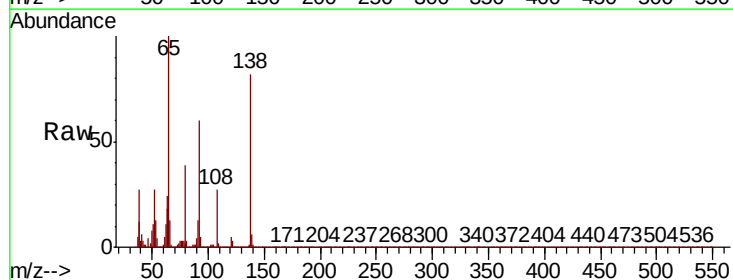
Instrument :
 BNA_P
 ClientSampleId :

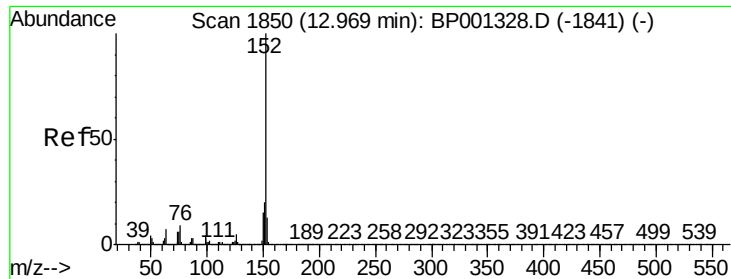
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.4	50.2
164	31.8	26.0	39.0



#48
 2-Nitroaniline
 Concen: 35.502 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. 0.01 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.6	48.9	73.3
138	82.4	65.1	97.7





#49

Acenaphthylene

Concen: 42.441 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BP001433.D

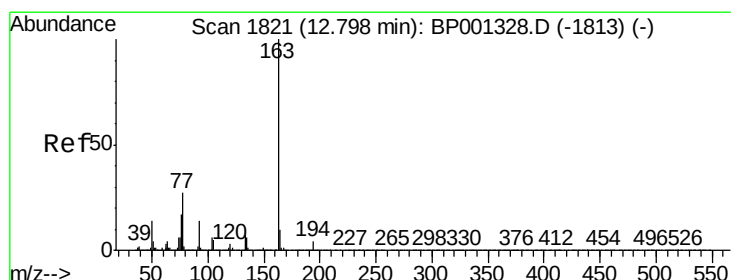
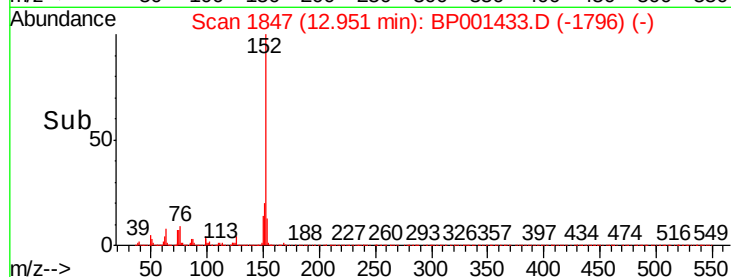
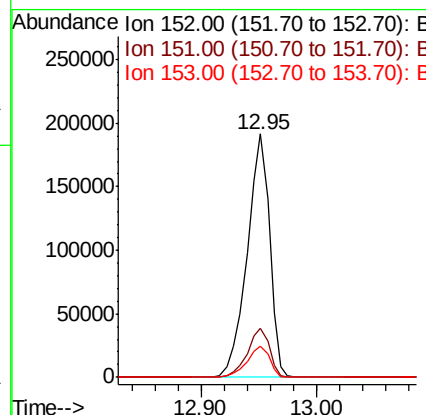
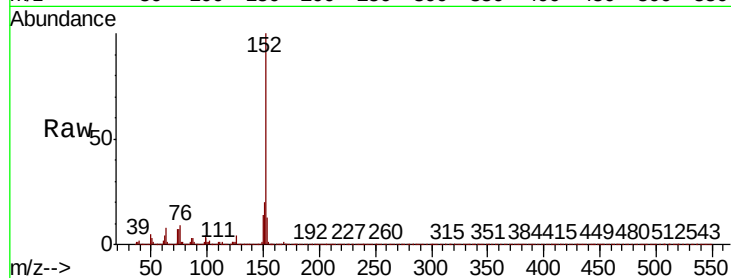
Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampled :

Tot Ion:	152	Resp:	257061
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.6	23.4
153	12.6	10.3	15.5



#50

Dimethylphthalate

Concen: 40.857 ng

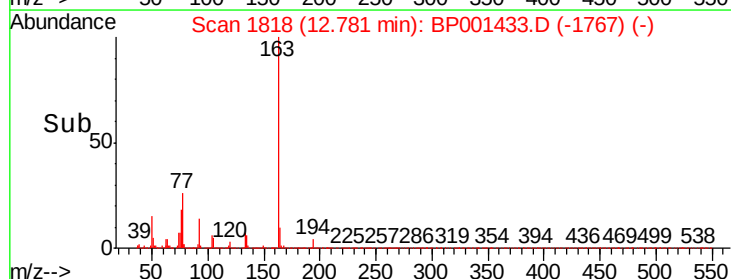
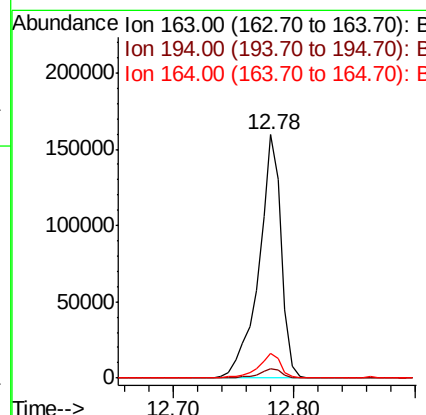
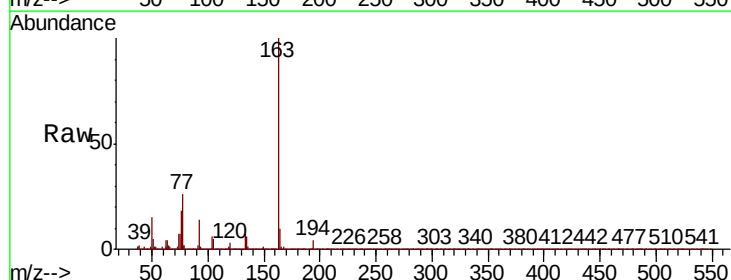
RT: 12.78 min Scan# 1818

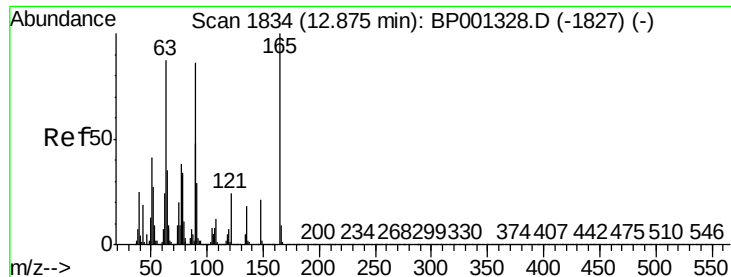
Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Tgt Ion:	163	Resp:	205294
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	7.7	11.5

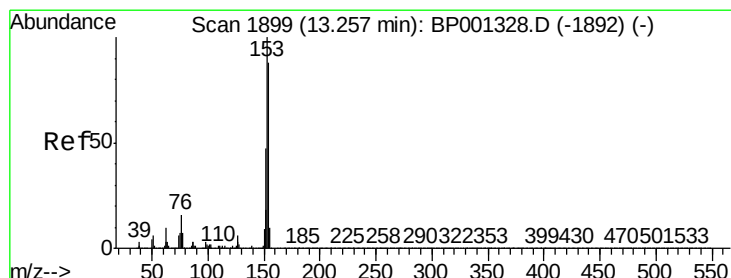
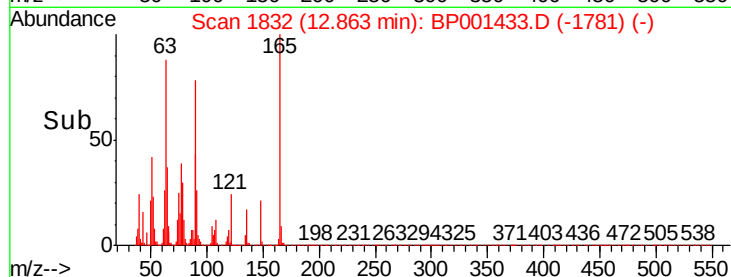
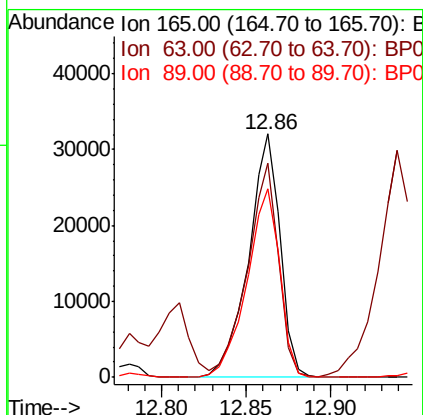
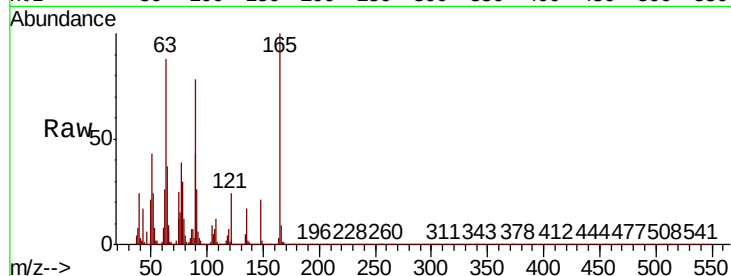




#51
2,6-Dinitrotoluene
Concen: 40.780 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

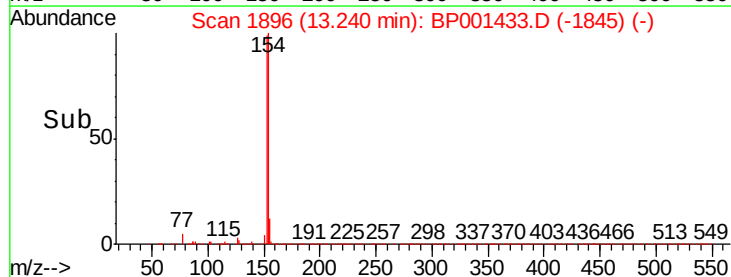
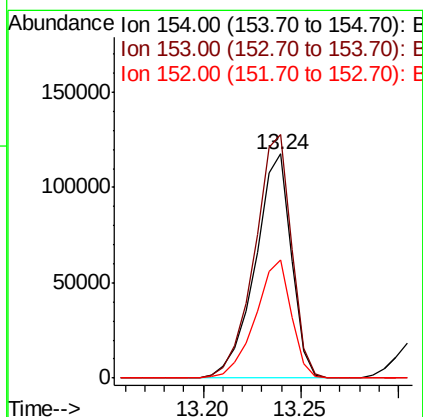
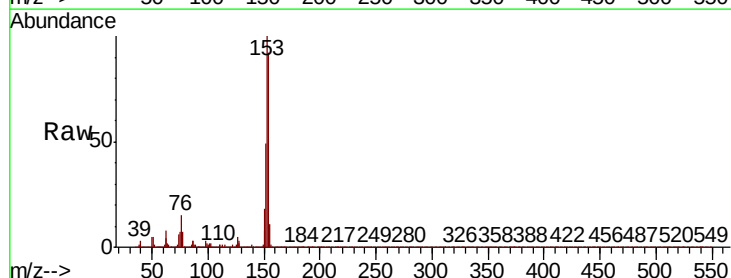
Instrument :
BNA_P
ClientSampleId :

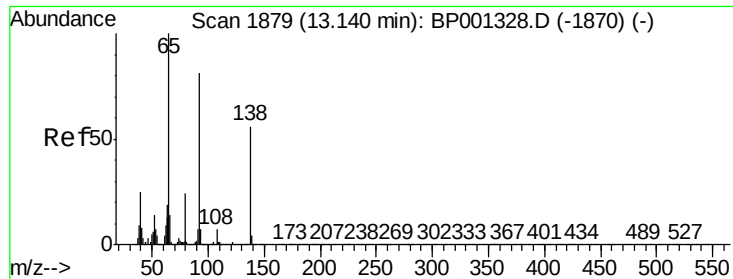
Tot Ion:165 Resp: 41606
Ion Ratio Lower Upper
165 100
63 87.9 60.7 91.1
89 77.6 55.4 83.0



#52
Acenaphthene
Concen: 41.308 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:154 Resp: 150748
Ion Ratio Lower Upper
154 100
153 108.6 90.1 135.1
152 53.0 41.8 62.6

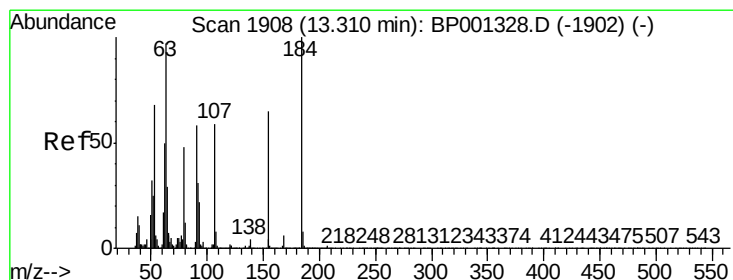
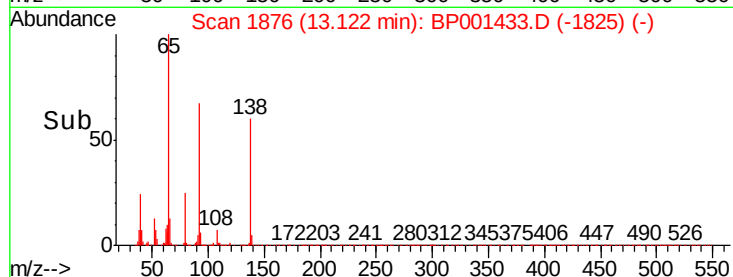
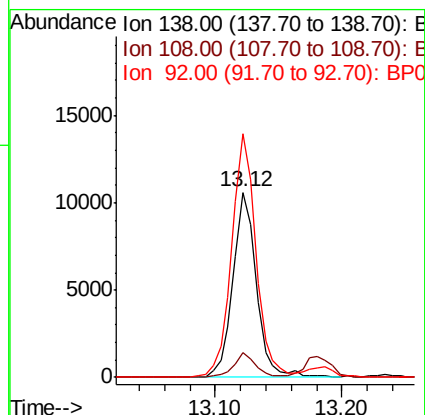
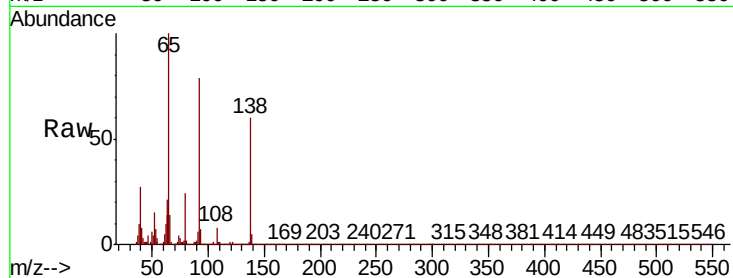




#53
3-Nitroaniline
Concen: 12.341 ng
RT: 13.12 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

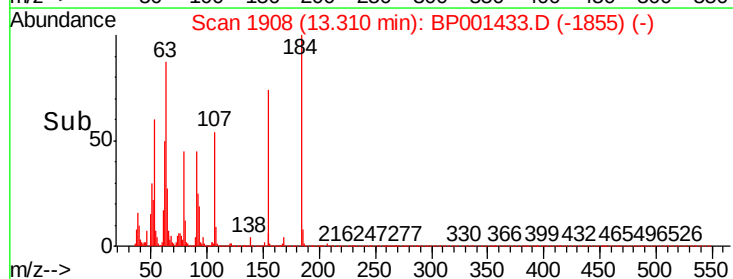
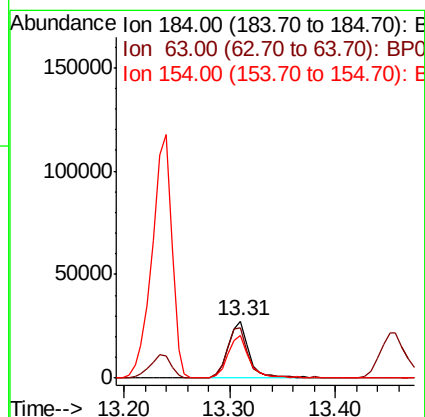
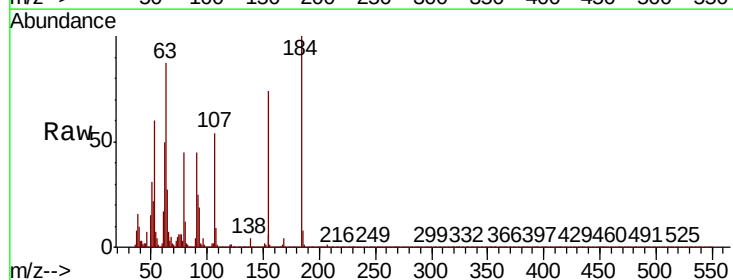
Instrument :
BNA_P
ClientSampleId :

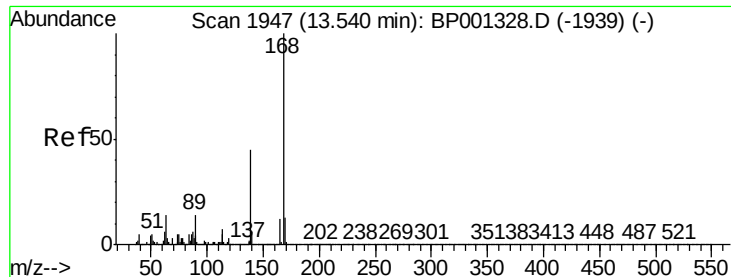
Tot Ion:138 Resp: 13514
Ion Ratio Lower Upper
138 100
108 13.0 10.0 15.0
92 131.7 108.8 163.2



#54
2,4-Dinitrophenol
Concen: 95.234 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:184 Resp: 37519
Ion Ratio Lower Upper
184 100
63 86.9 69.5 104.3
154 74.1 58.5 87.7





#55

Dibenzofuran

Concen: 42.693 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampled :

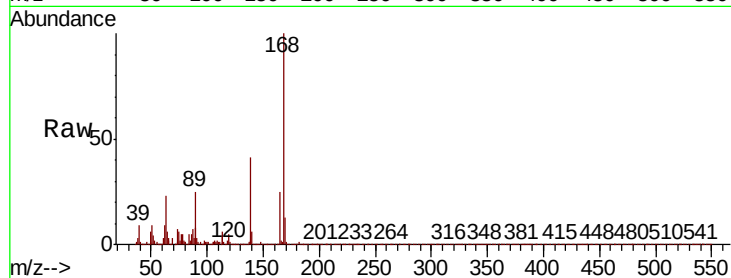
Tot Ion:168 Resp: 244110

Ion	Ratio	Lower	Upper
168	100		
139	40.7	33.0	49.4
169	13.0	10.6	16.0

168 100

139 40.7 33.0 49.4

169 13.0 10.6 16.0

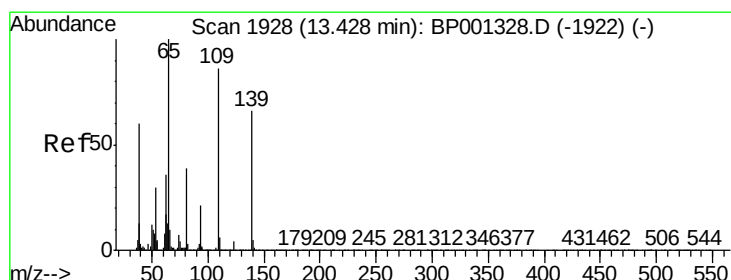
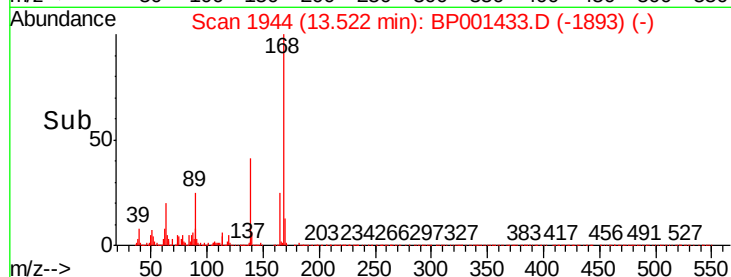
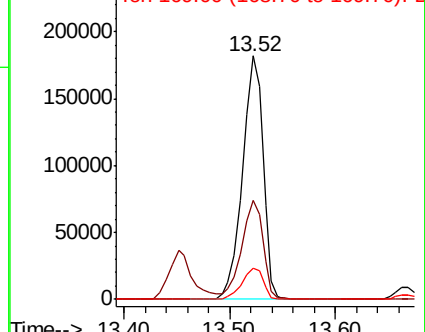


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 70.979 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.02 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

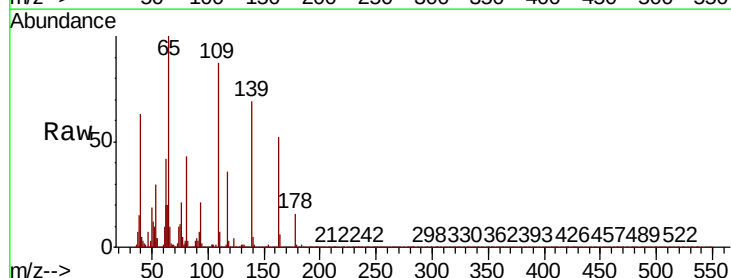
Tgt Ion:139 Resp: 55580

Ion	Ratio	Lower	Upper
139	100		
109	126.0	99.7	139.7
65	145.6	115.0	155.0

139 100

109 126.0 99.7 139.7

65 145.6 115.0 155.0

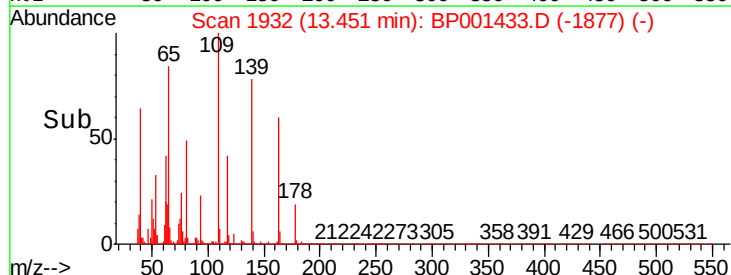
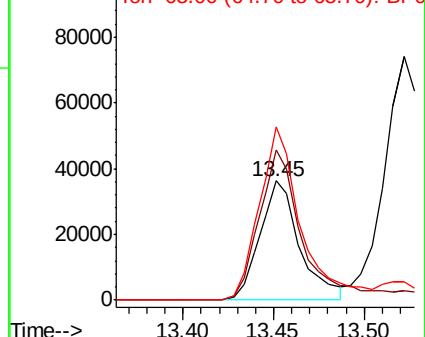


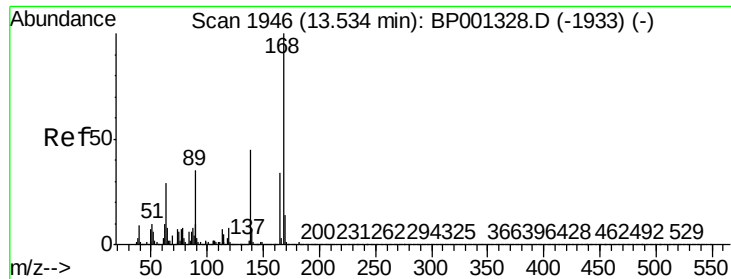
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

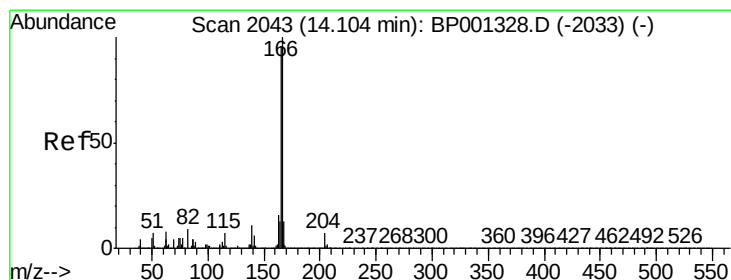
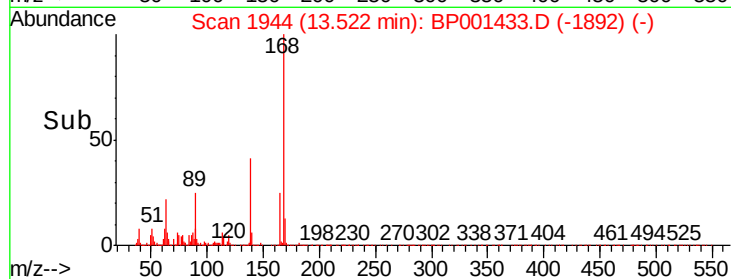
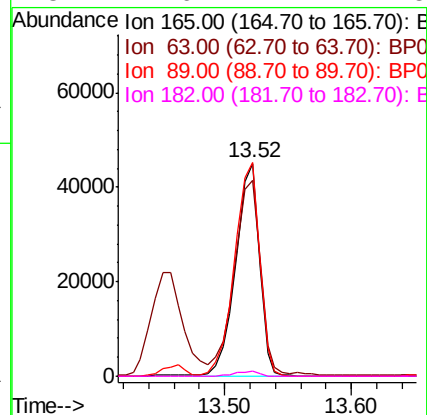
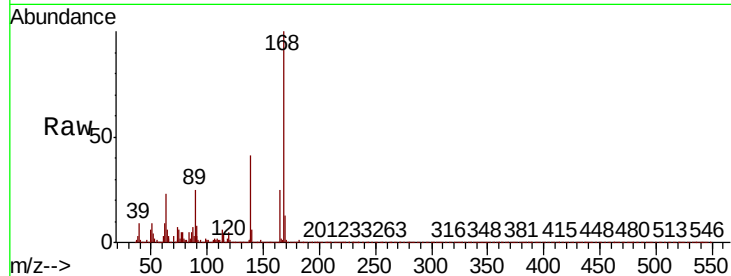




#57
2,4-Dinitrotoluene
Concen: 40.825 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

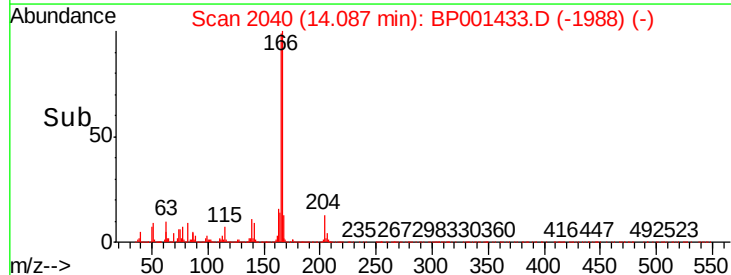
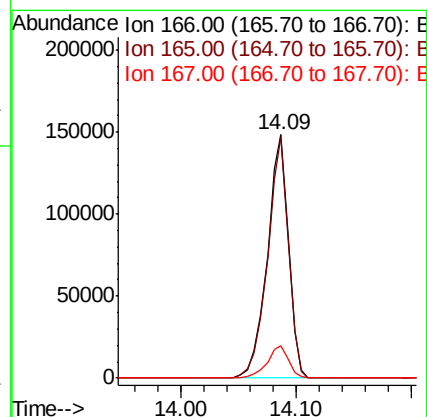
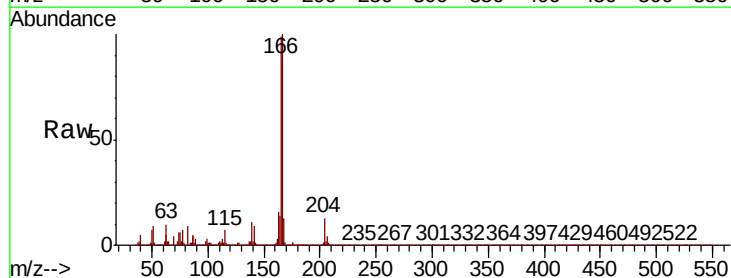
Instrument :
BNA_P
ClientSampleId :

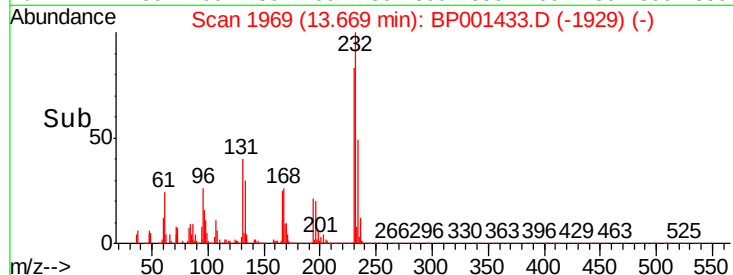
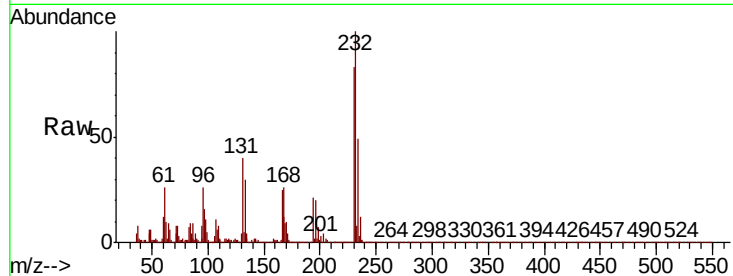
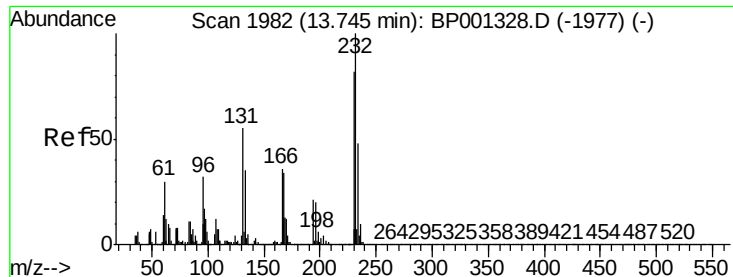
Tot Ion:165 Resp: 57892
Ion Ratio Lower Upper
165 100
63 91.8 66.6 100.0
89 100.2 79.5 119.3
182 2.6 1.7 2.5#



#58
Fluorene
Concen: 41.833 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:166 Resp: 191317
Ion Ratio Lower Upper
166 100
165 99.1 76.6 114.8
167 13.4 11.0 16.4

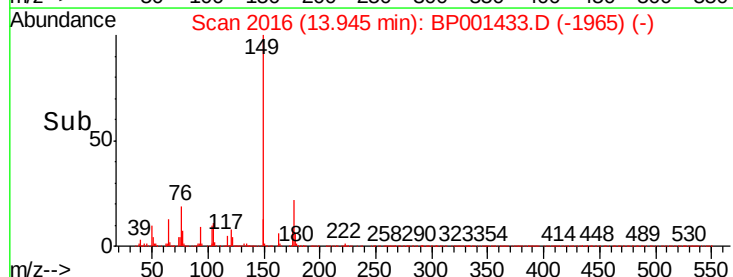
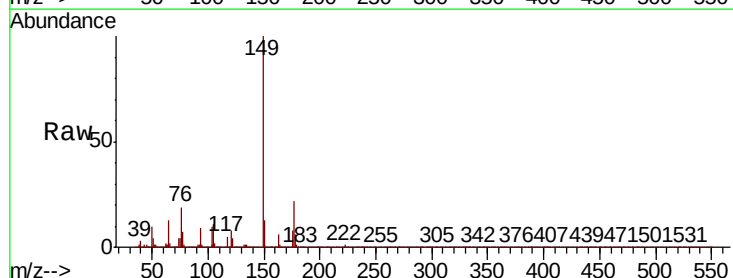
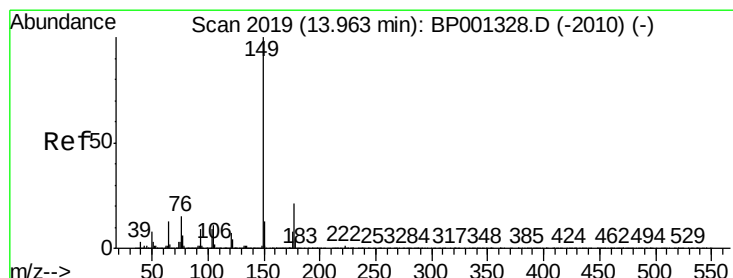
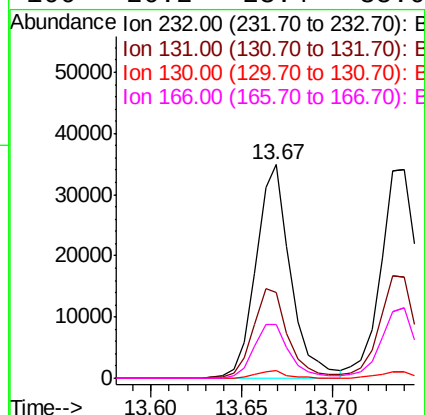




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.727 ng
RT: 13.67 min Scan# 1969
Delta R.T. -0.06 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

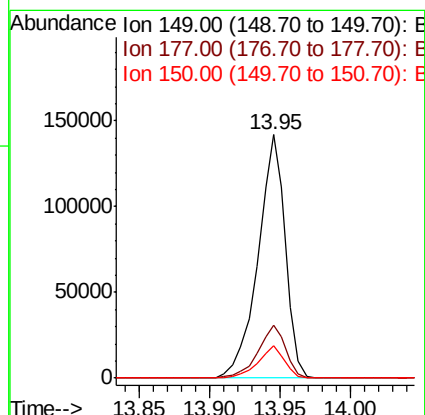
Instrument :
BNA_P
ClientSampleId :

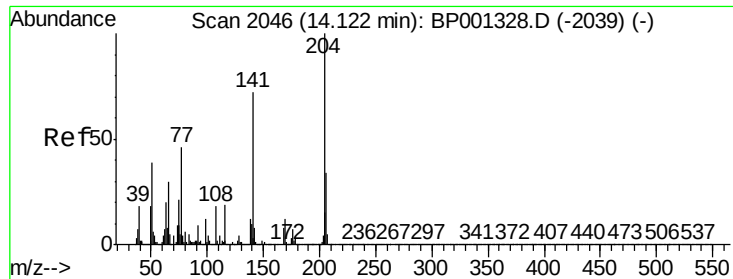
Tot Ion:	232	Resp:	46350
Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.2	51.4
130	3.0	2.1	3.1
166	26.2	23.4	35.0



#60
Diethylphthalate
Concen: 37.219 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:	149	Resp:	192889
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.8	26.6
150	13.1	9.7	14.5

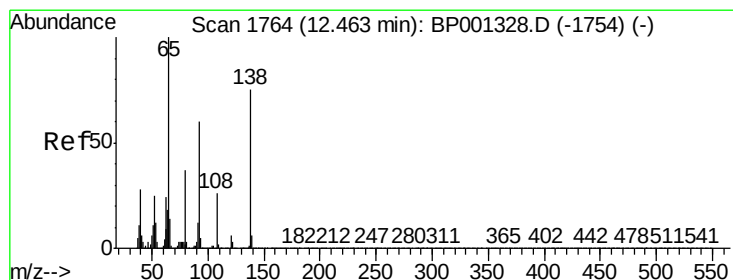
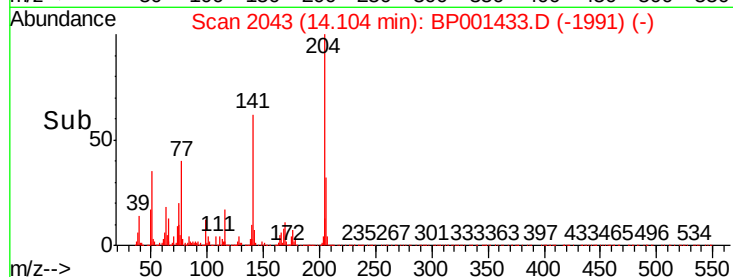
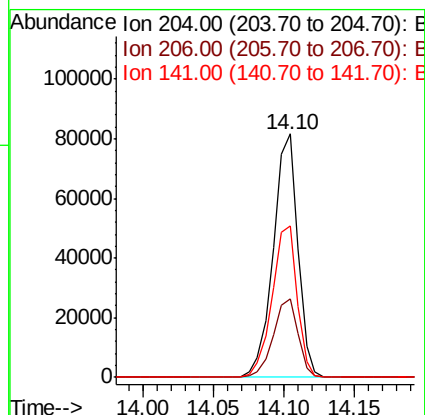
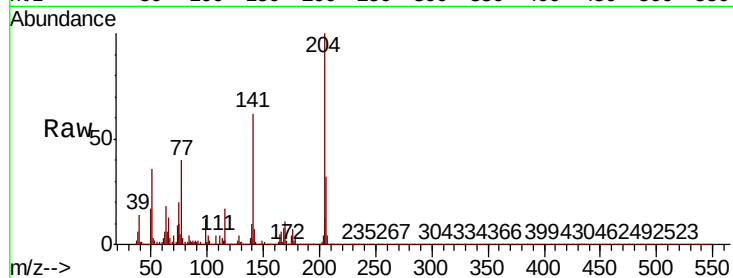




#61
4-Chlorophenyl-phenylether
Concen: 41.579 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

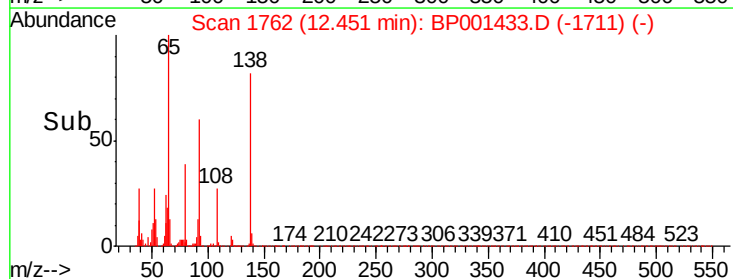
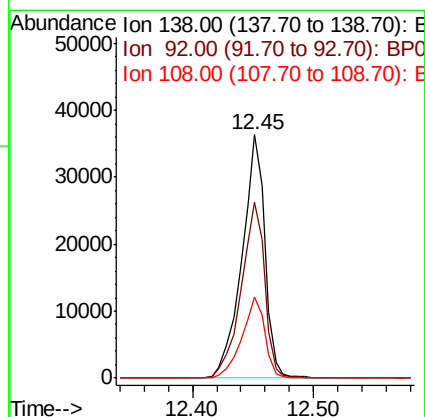
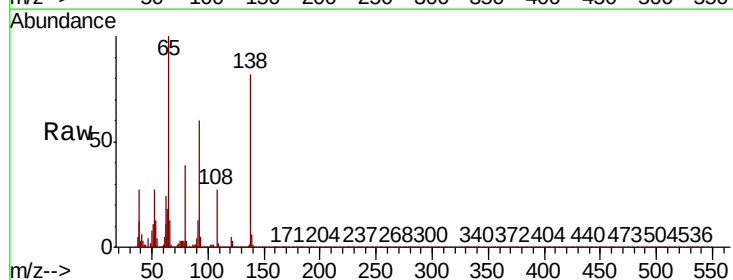
Instrument :
BNA_P
ClientSampleId :

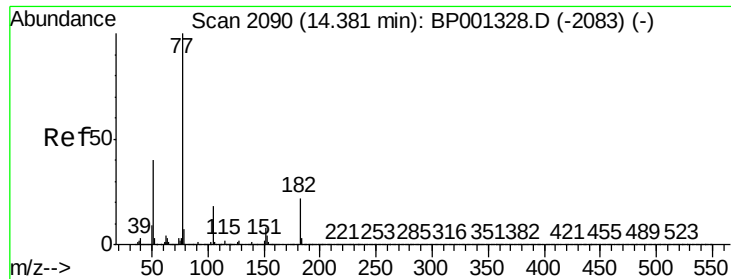
Tot Ion:204 Resp: 99959
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 62.5 50.6 75.8



#62
4-Nitroaniline
Concen: 38.120 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:138 Resp: 48341
Ion Ratio Lower Upper
138 100
92 72.4 45.4 85.4
108 33.4 11.4 51.4

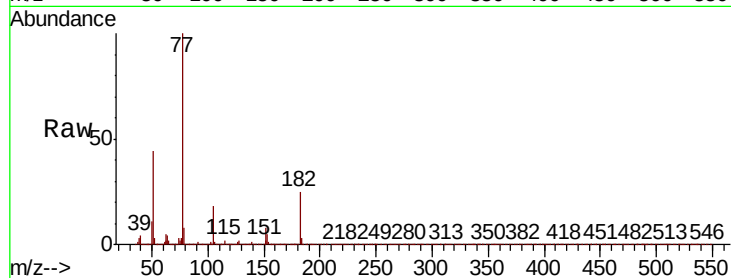




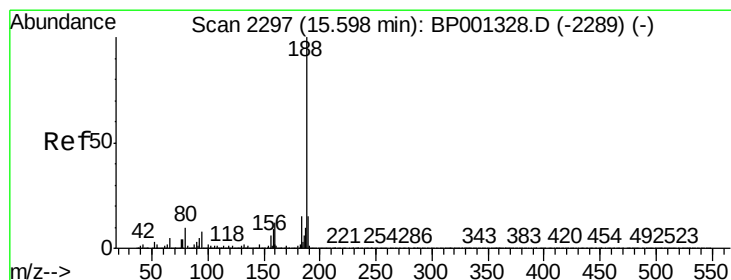
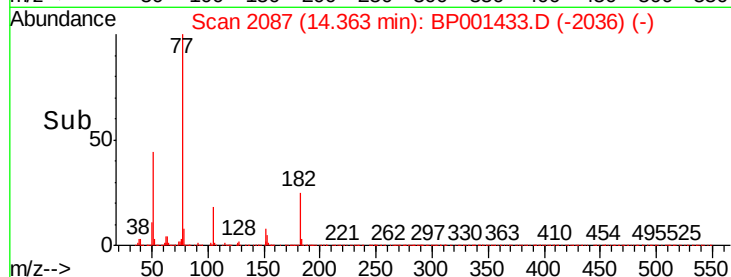
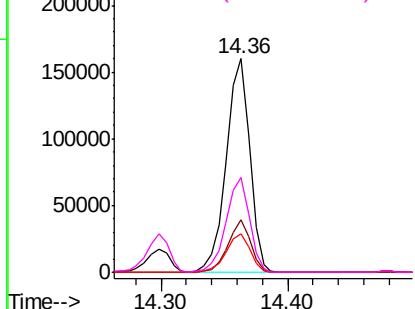
#63
Azobenzene
Concen: 37.343 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Instrument :
BNA_P
ClientSampled :

Tot Ion:	77	Resp:	203746
Ion	Ratio	Lower	Upper
77	100		
182	24.8	5.8	45.8
105	18.3	0.0	38.8
51	44.4	20.0	60.0

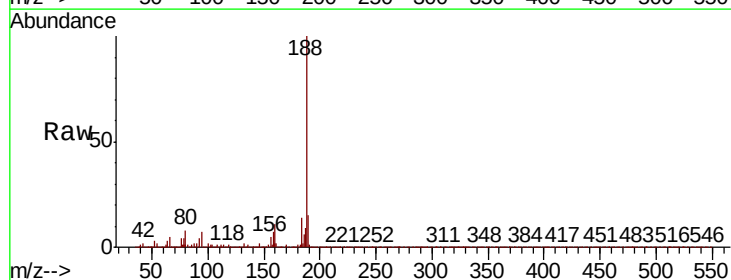


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

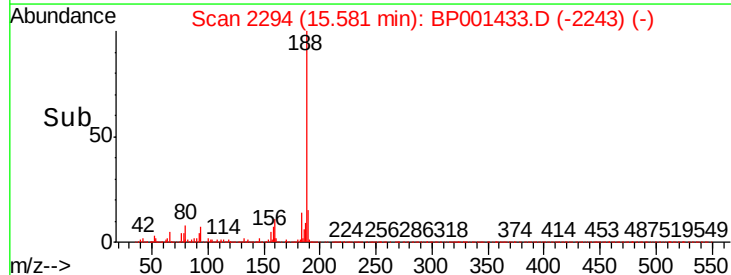
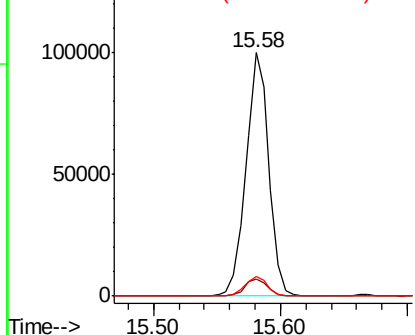


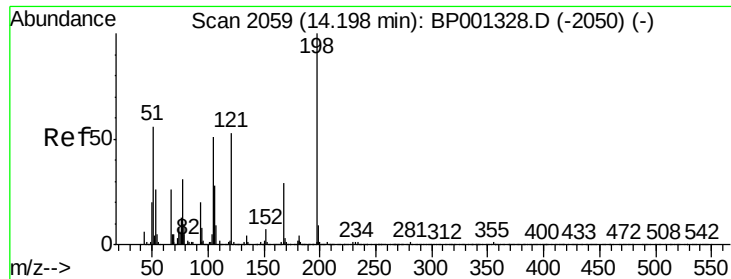
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:	188	Resp:	124208
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.8
80	8.3	5.7	8.5



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

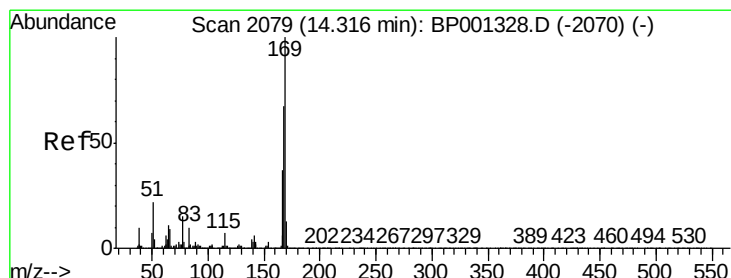
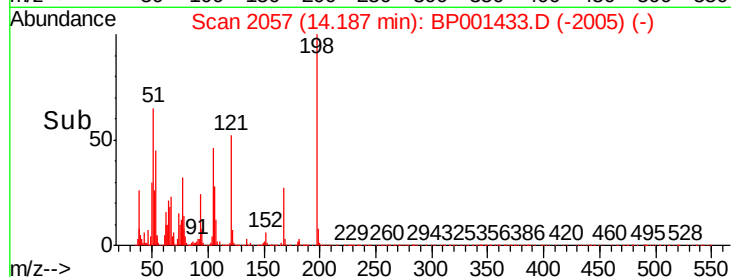
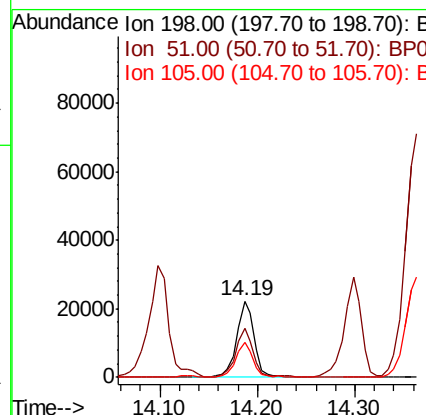
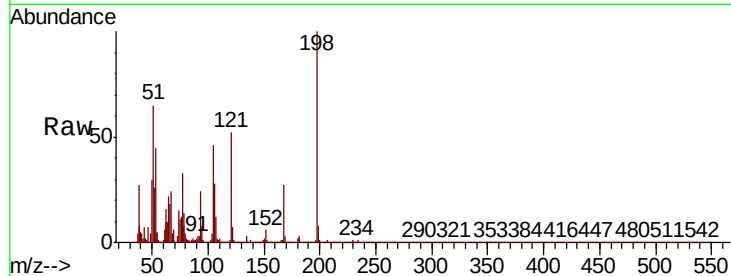




#65
4,6-Dinitro-2-methylphenol
Concen: 50.432 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

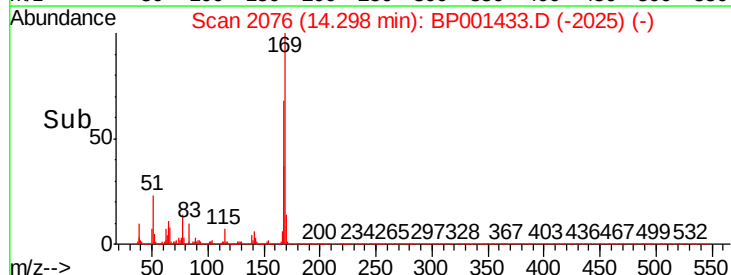
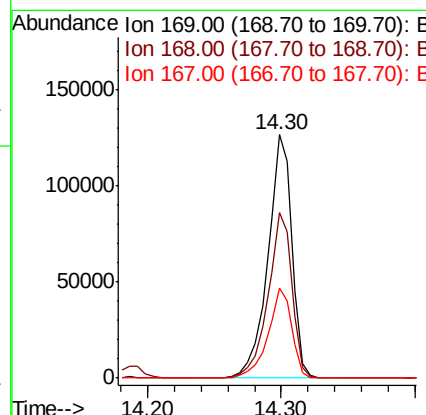
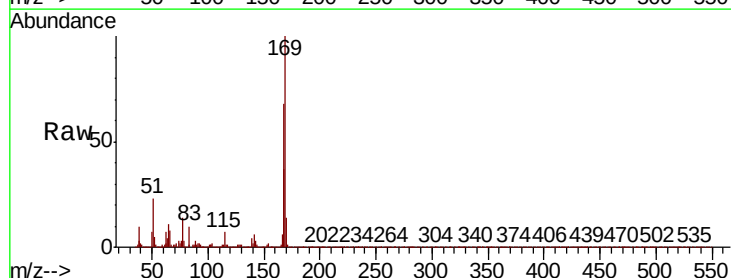
Instrument :
BNA_P
ClientSampleId :

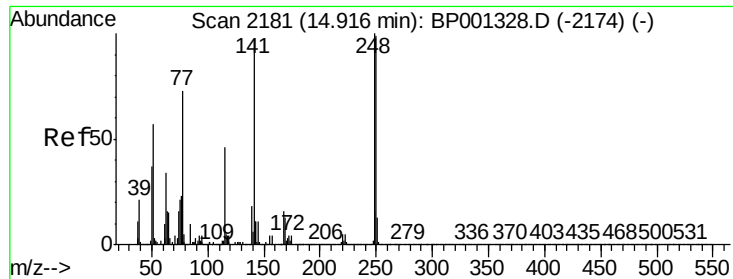
Tot Ion:198 Resp: 28054
Ion Ratio Lower Upper
198 100
51 64.7 42.2 82.2
105 45.9 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 39.923 ng
RT: 14.30 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:169 Resp: 157206
Ion Ratio Lower Upper
169 100
168 67.9 54.2 81.2
167 36.8 29.3 43.9

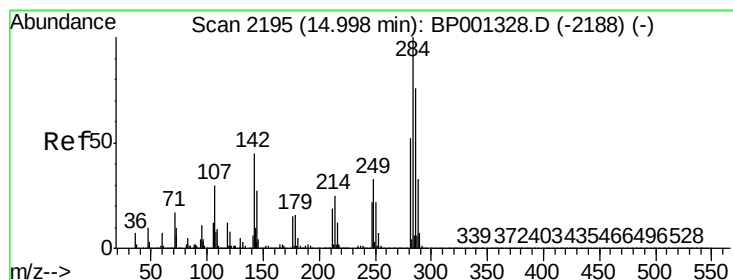
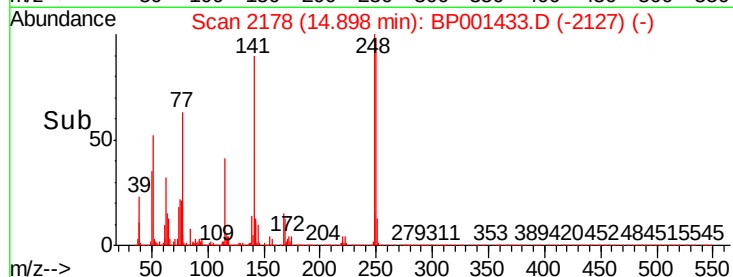
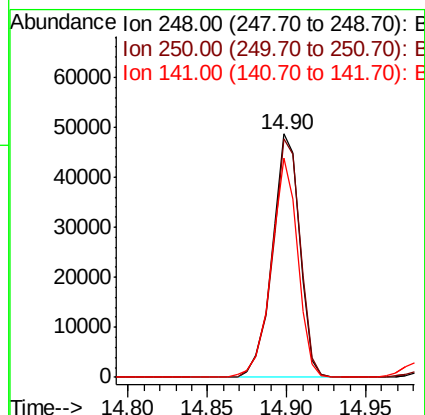
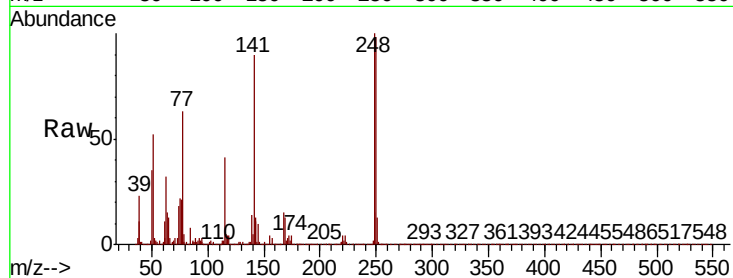




#67
4-Bromophenyl-phenylether
Concen: 40.021 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

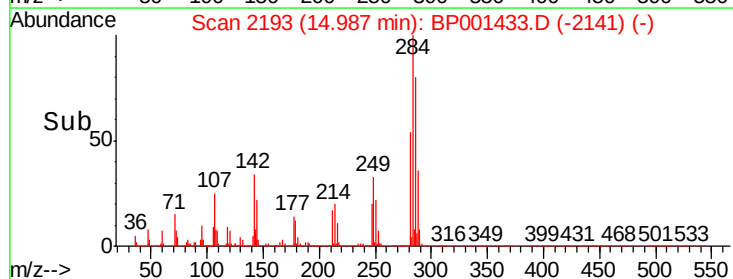
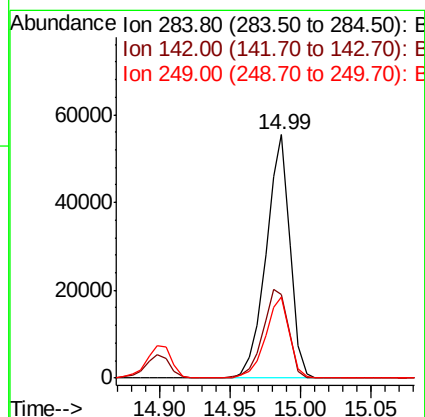
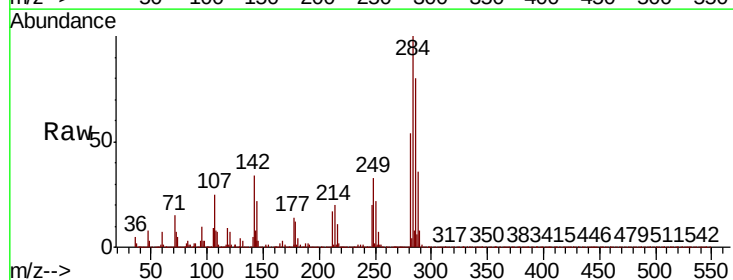
Instrument :
BNA_P
ClientSampleId :

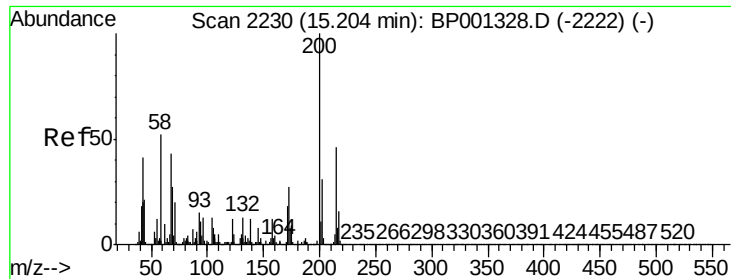
Tot Ion:248 Resp: 58772
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.4
141 90.2 60.7 91.1



#68
Hexachlorobenzene
Concen: 39.295 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion:284 Resp: 65694
Ion Ratio Lower Upper
284 100
142 34.2 28.7 43.1
249 33.1 27.0 40.4





#69

Atrazine

Concen: 35.322 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

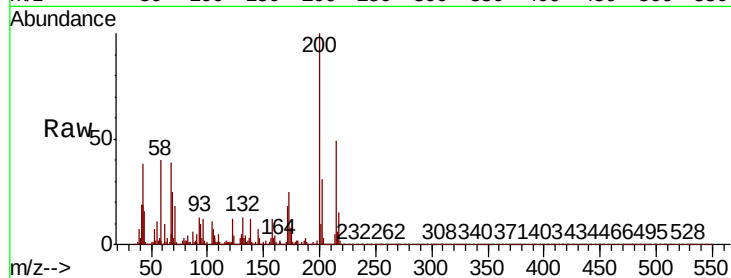
Tot Ion:200 Resp: 49961

Ion Ratio Lower Upper

200 100

173 25.3 3.9 43.9

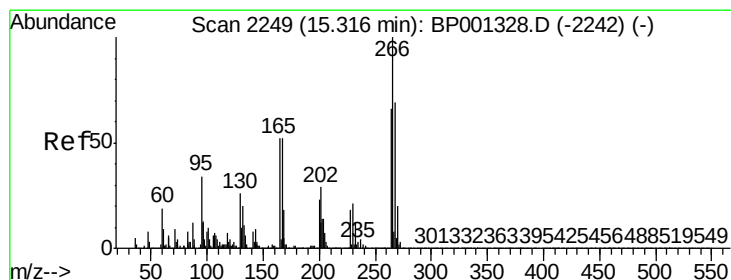
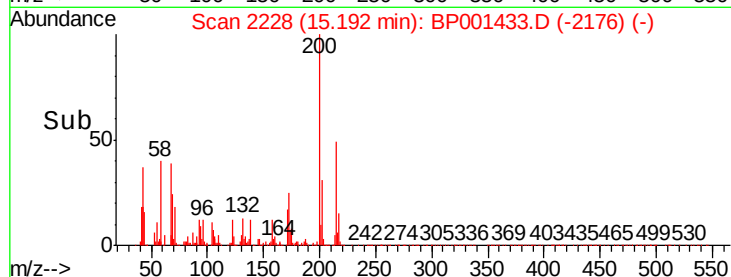
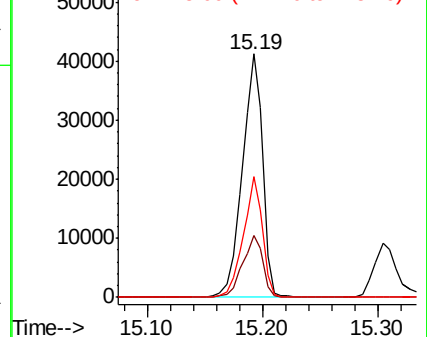
215 49.5 26.1 66.1



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: 80.055 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

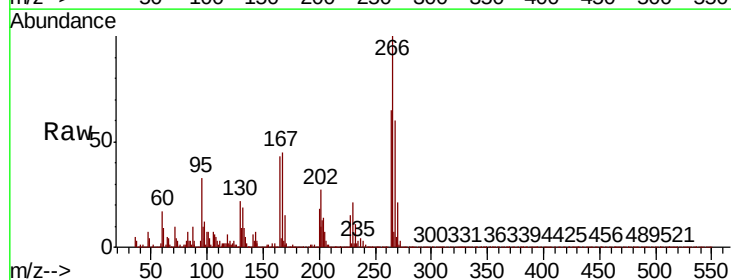
Tgt Ion:266 Resp: 68634

Ion Ratio Lower Upper

266 100

268 60.4 57.0 85.4

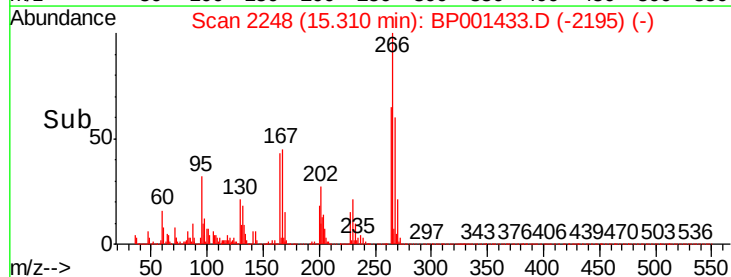
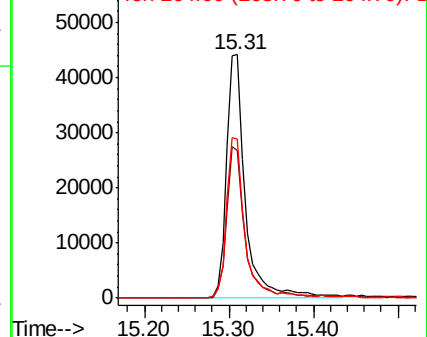
264 65.2 50.8 76.2

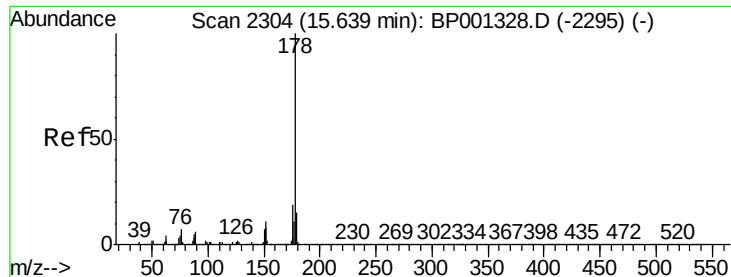


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

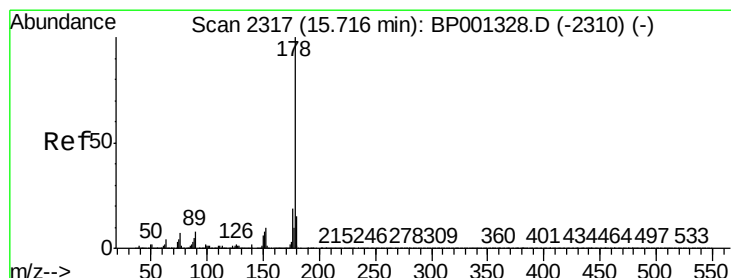
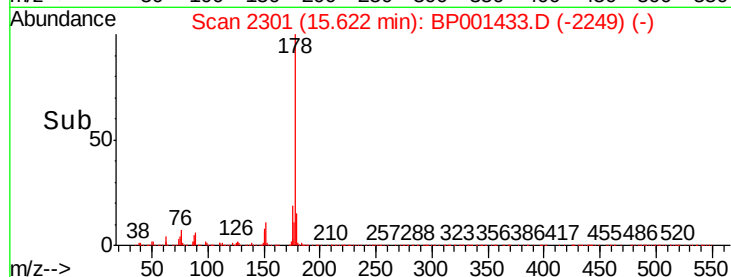
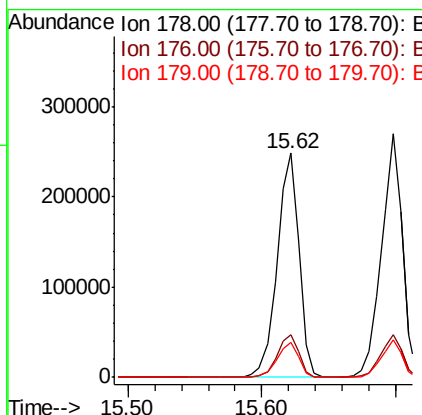
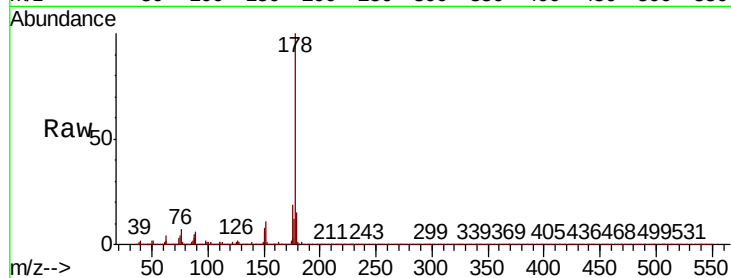




#71
Phenanthrene
Concen: 40.302 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

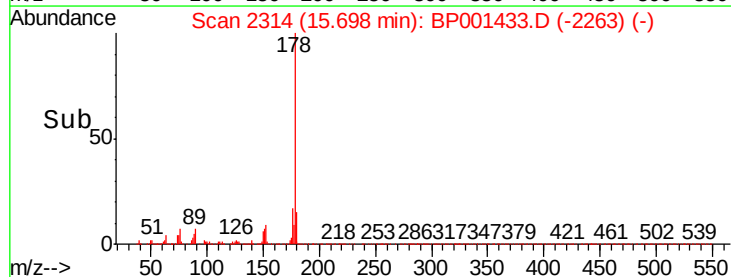
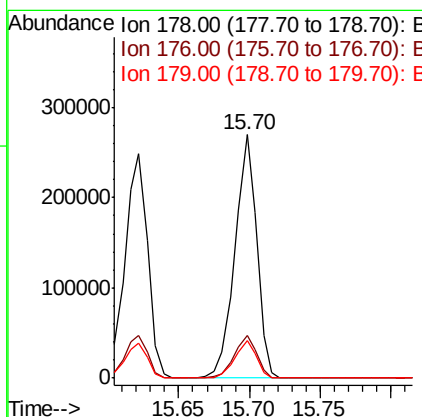
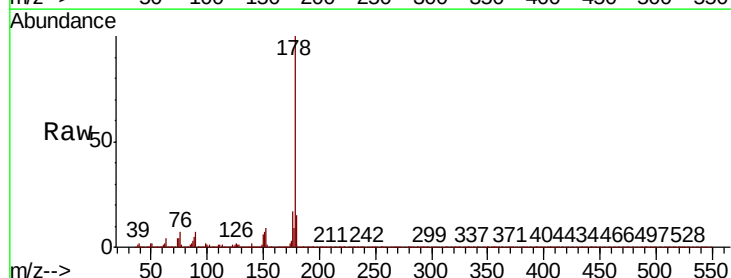
Instrument :
BNA_P
ClientSampleId :

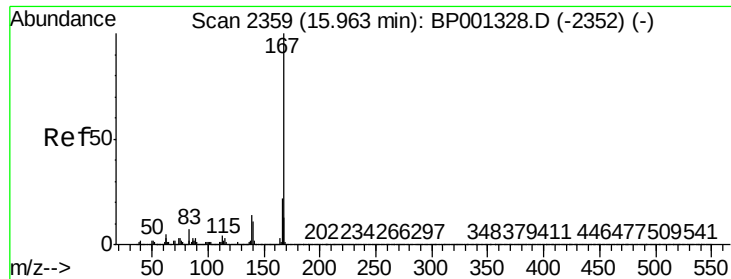
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.4	12.2	18.2



#72
Anthracene
Concen: 41.475 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.5	21.7
179	15.4	11.8	17.8

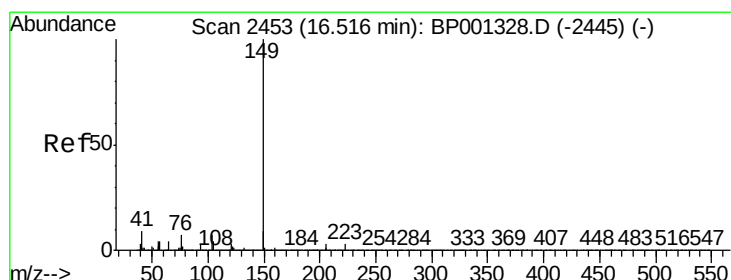
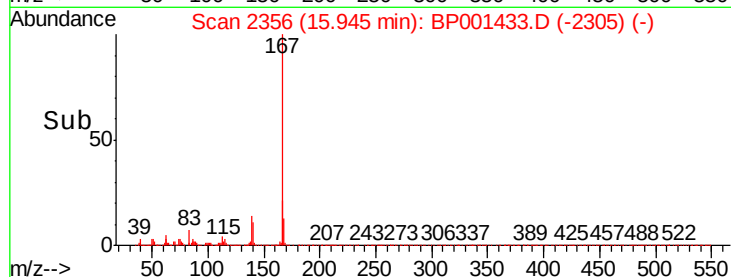
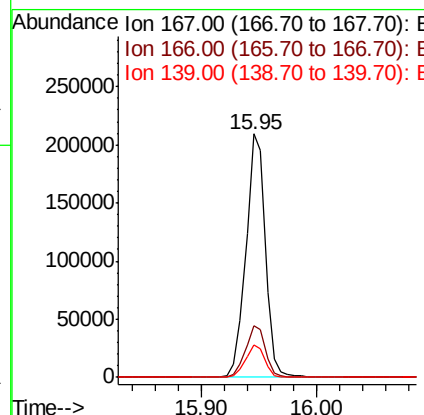
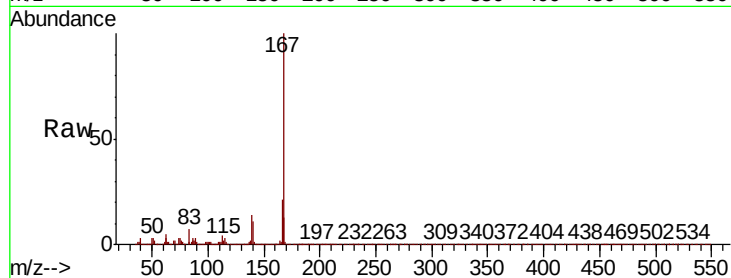




#73
 Carbazole
 Concen: 39.097 ng
 RT: 15.95 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

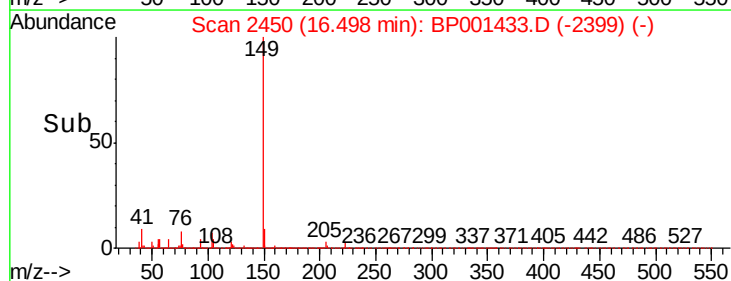
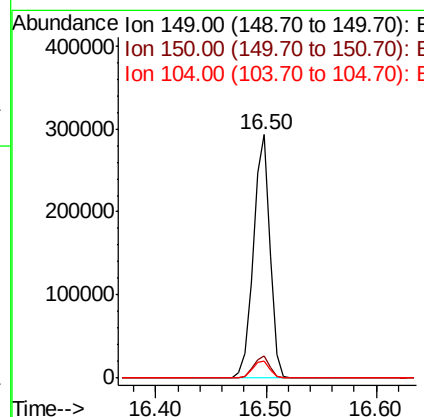
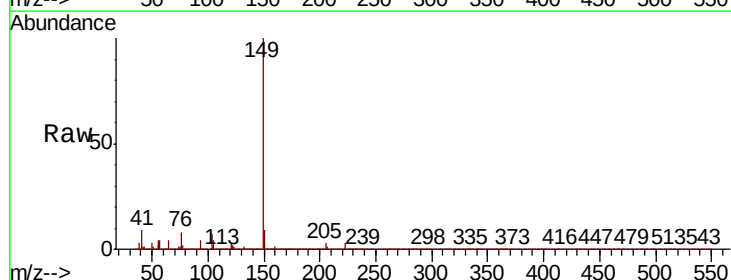
Instrument :
 BNA_P
 ClientSampleId :

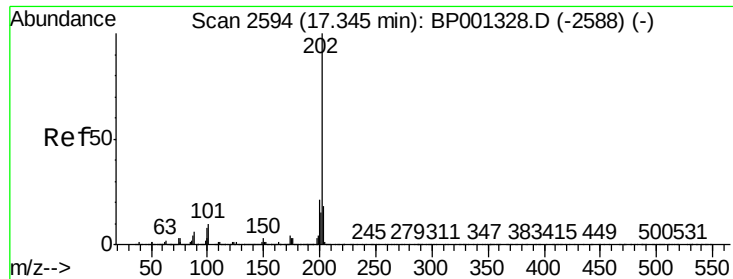
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.2
139	13.6	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 35.783 ng
 RT: 16.50 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.0	10.6
104	7.1	5.2	7.8





#75

Fluoranthene

Concen: 39.415 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001433.D

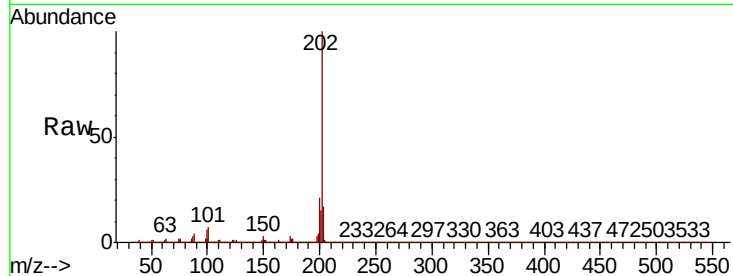
Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

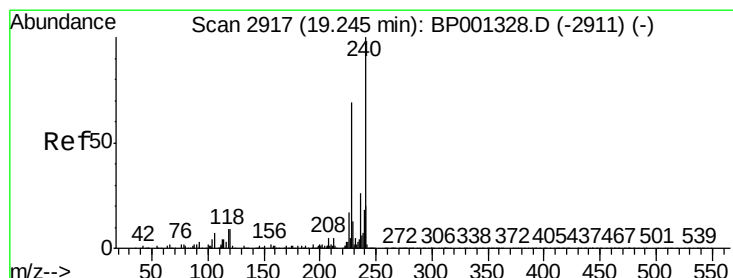
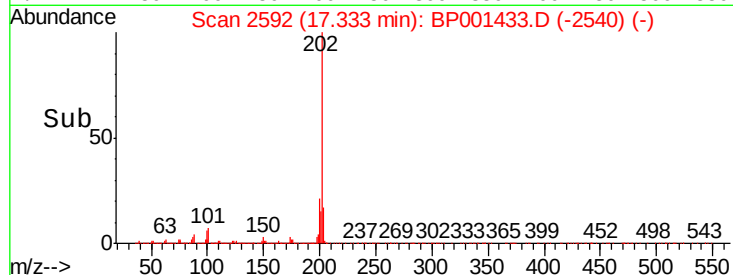
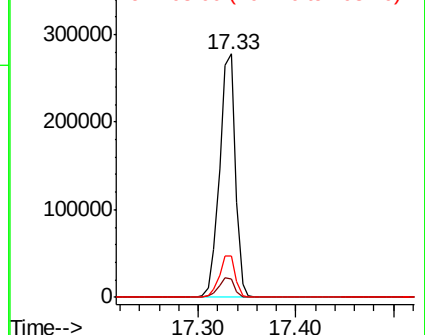
Tot Ion:	202	Resp:	312323
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.7
203	17.2	0.0	37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

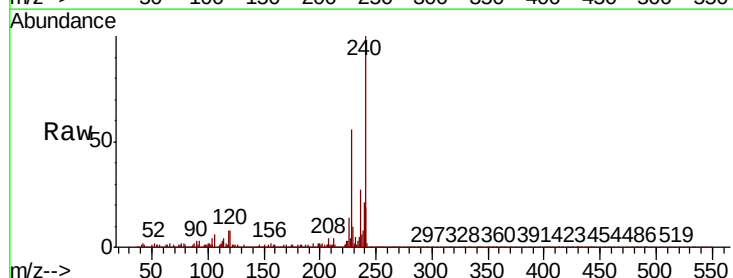
RT: 19.23 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

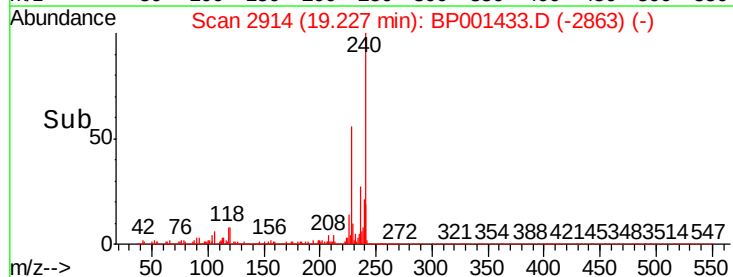
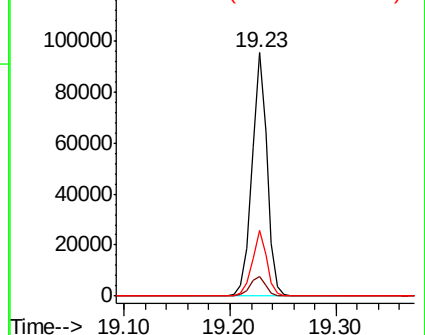
Tgt Ion:	240	Resp:	94621
Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.2	9.2
236	26.9	20.2	30.2

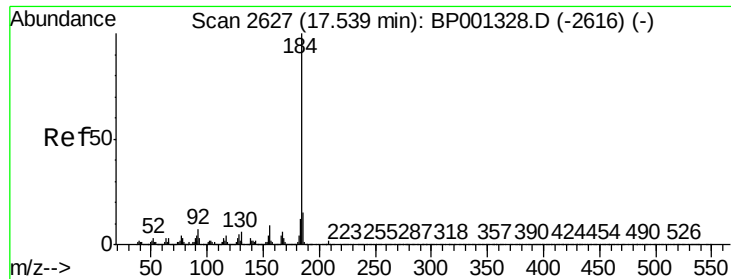


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.025 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampled :

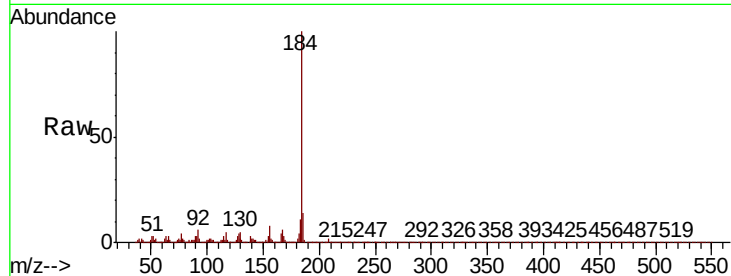
Tot Ion:184 Resp: 85472

Ion Ratio Lower Upper

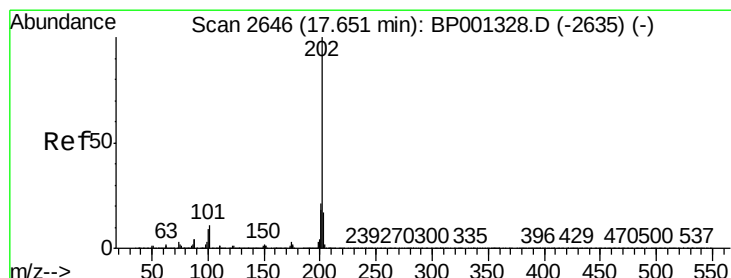
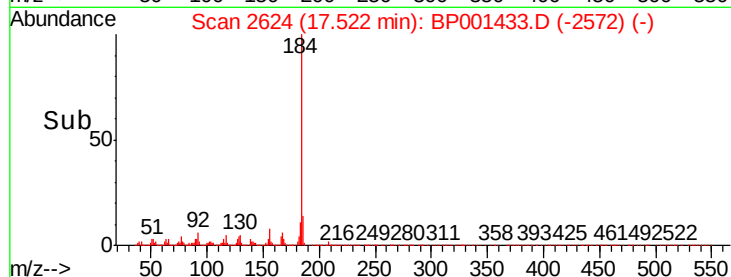
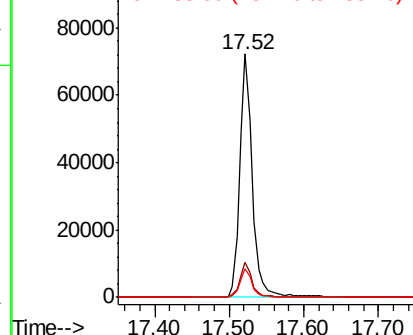
184 100

185 14.4 11.8 17.8

183 11.5 9.6 14.4



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



#78

Pyrene

Concen: 43.369 ng

RT: 17.64 min Scan# 2644

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

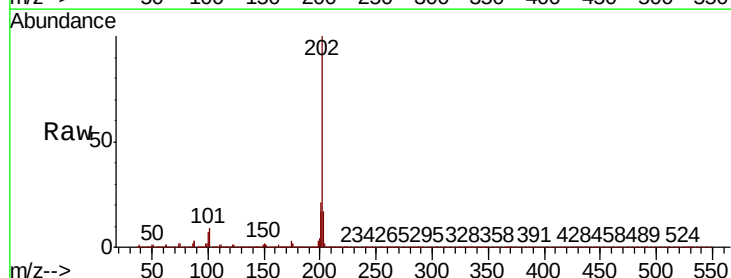
Tgt Ion:202 Resp: 318618

Ion Ratio Lower Upper

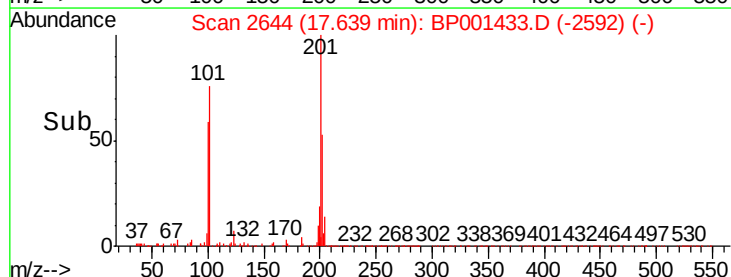
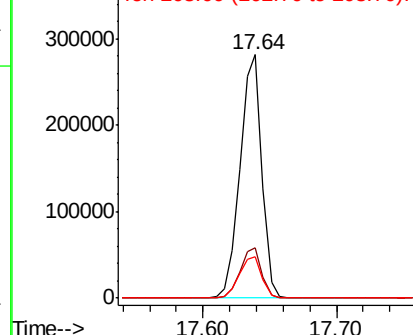
202 100

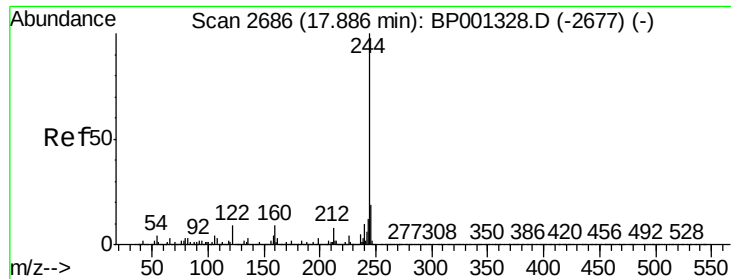
200 20.6 16.6 25.0

203 17.1 14.3 21.5



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

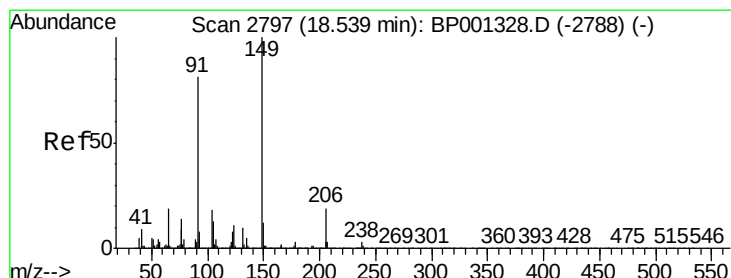
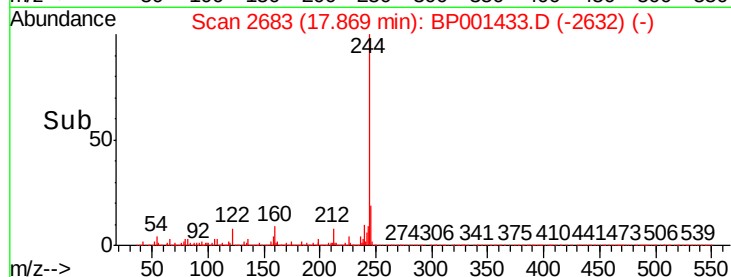
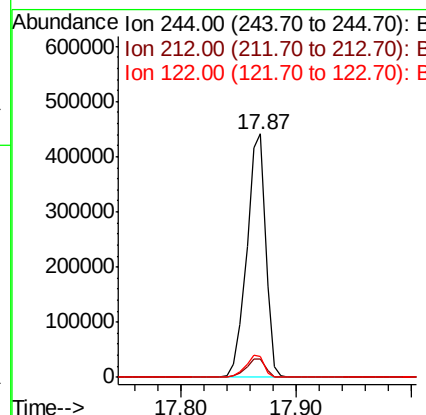
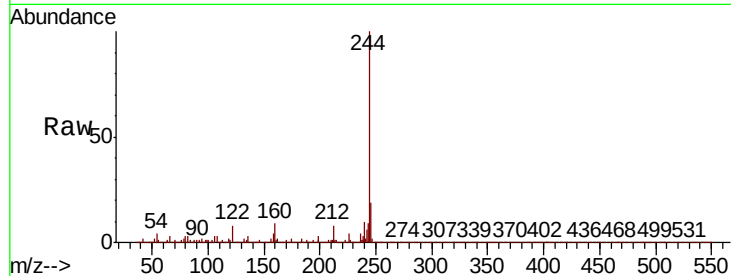




#79
 Terphenyl-d14
 Concen: 89.843 ng
 RT: 17.87 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

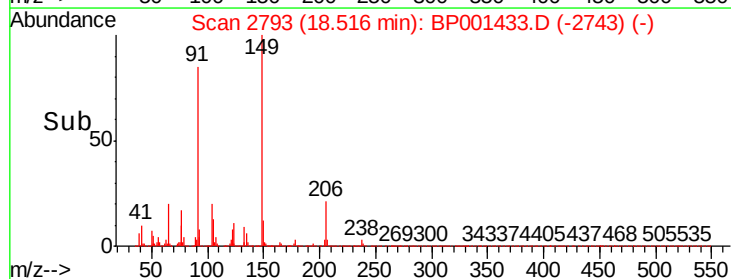
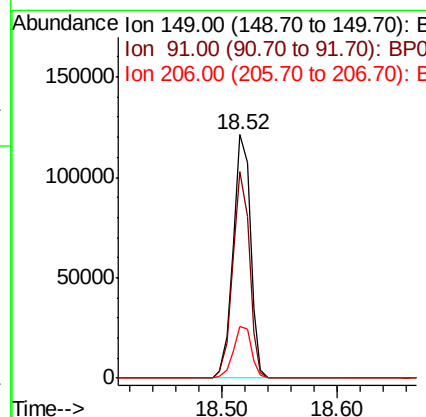
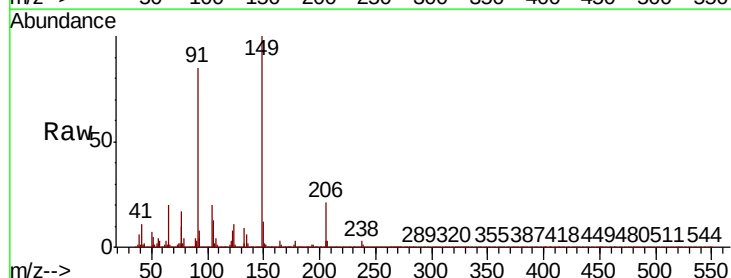
Instrument :
 BNA_P
 ClientSampled :

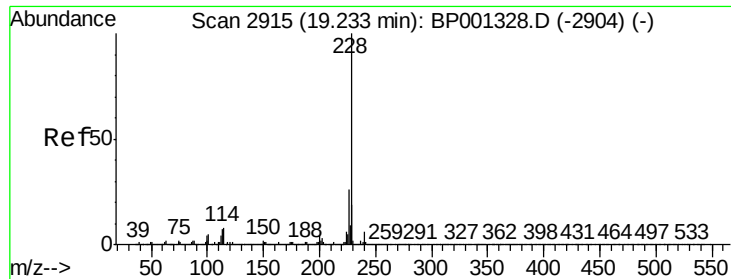
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	8.4	6.4	9.6



#80
 Butylbenzylphthalate
 Concen: 36.992 ng
 RT: 18.52 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BP001433.D
 Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.1	59.8	89.6
206	21.1	18.3	27.5

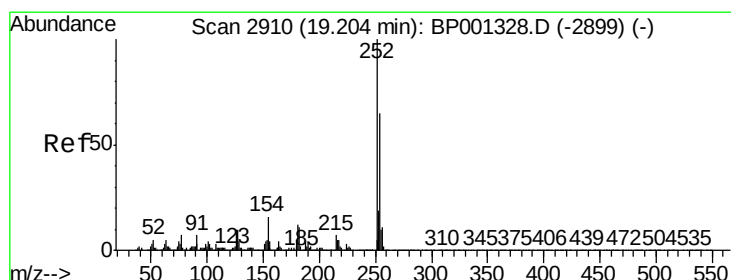
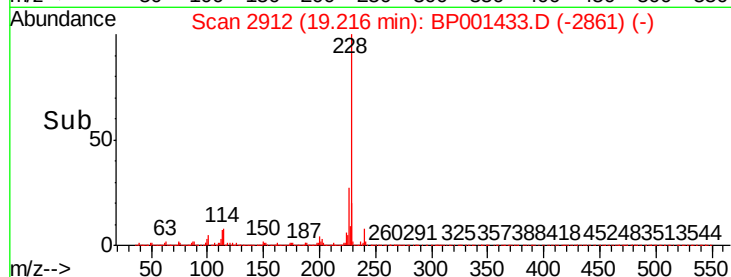
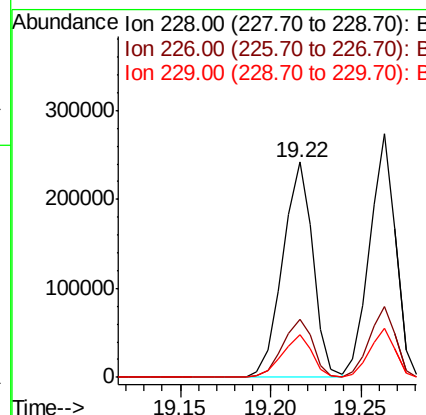
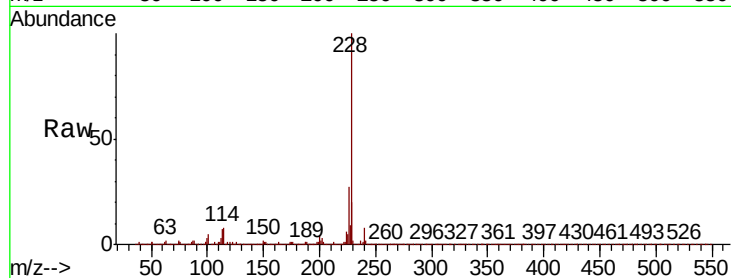




#81
Benzo(a)anthracene
Concen: 40.789 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

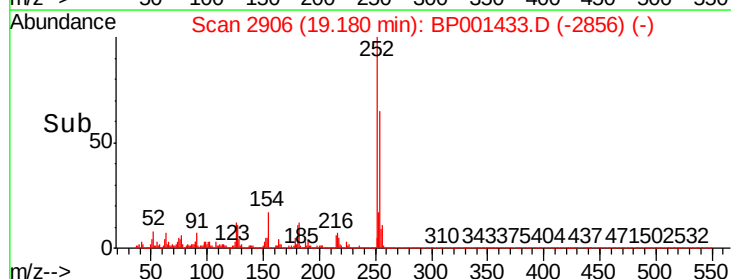
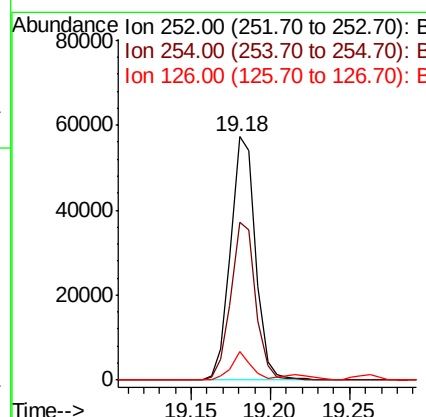
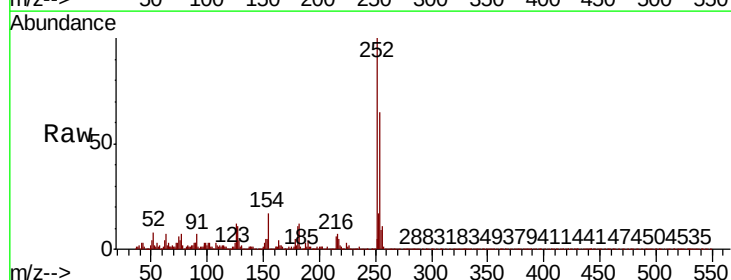
Instrument :
BNA_P
ClientSampleId :

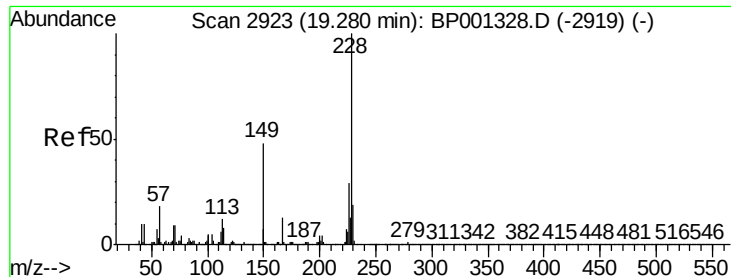
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.8	15.7	23.5



#82
3,3'-Dichlorobenzidine
Concen: 26.322 ng
RT: 19.18 min Scan# 2906
Delta R.T. -0.01 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.3	78.5
126	11.7	7.3	10.9





#83

Chrysene

Concen: 40.965 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

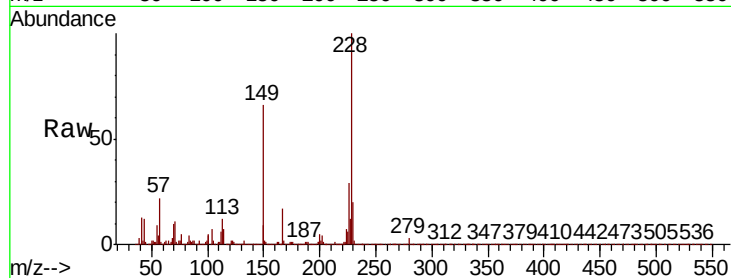
Tot Ion:228 Resp: 272626

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

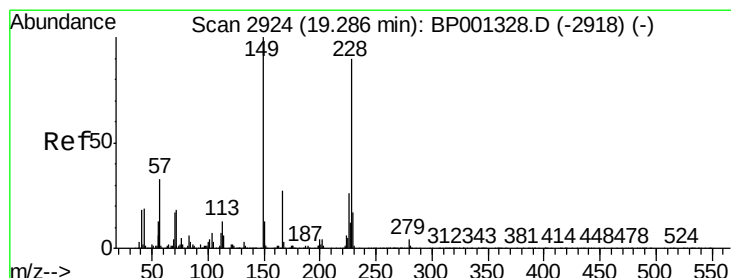
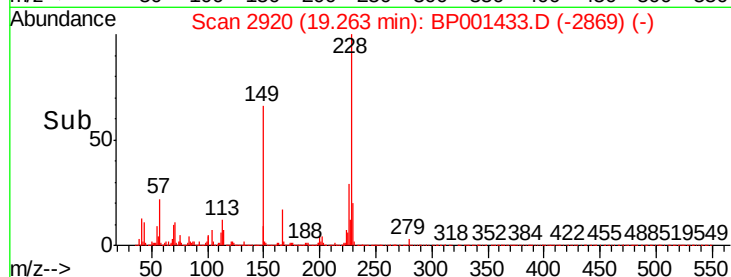
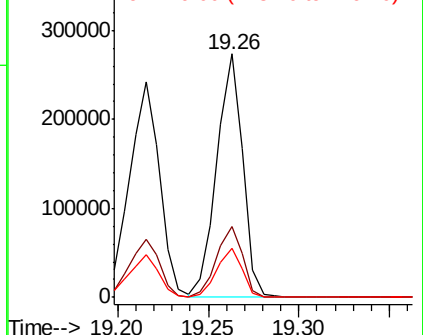
229 20.2 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.334 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

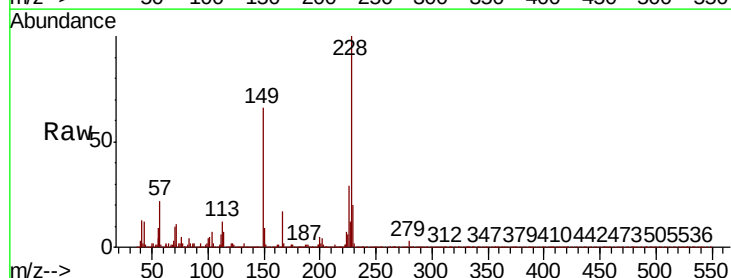
Tgt Ion:149 Resp: 182615

Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.0

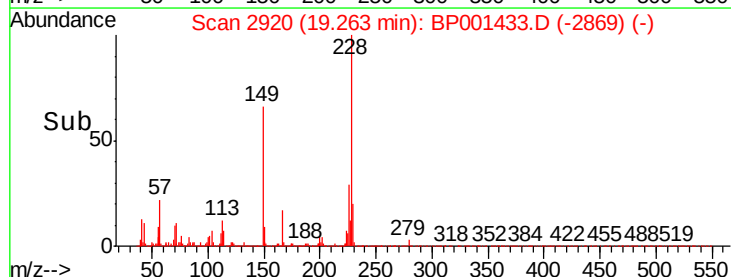
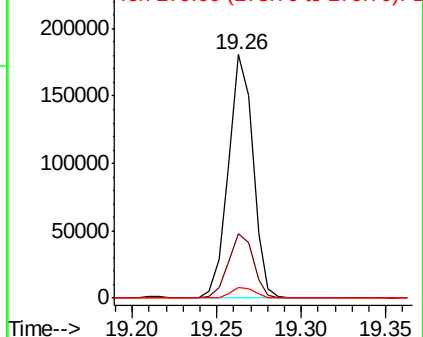
279 4.1 3.2 4.8

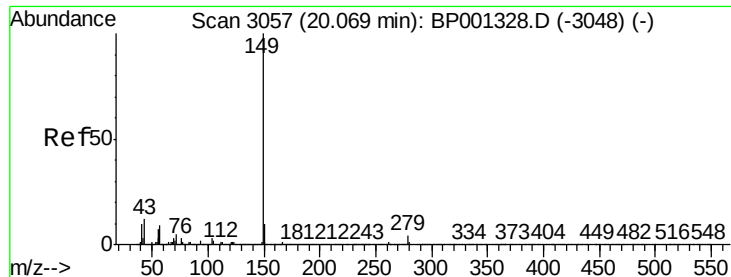


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.434 ng

RT: 20.05 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

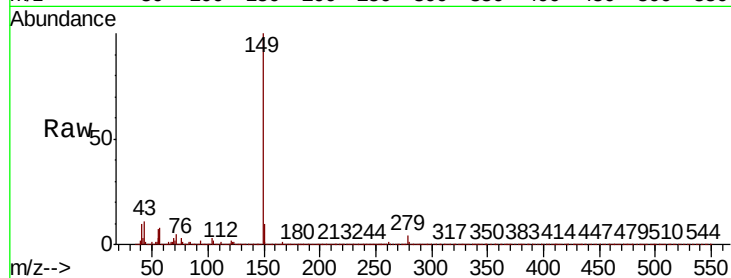
Tot Ion:149 Resp: 303496

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

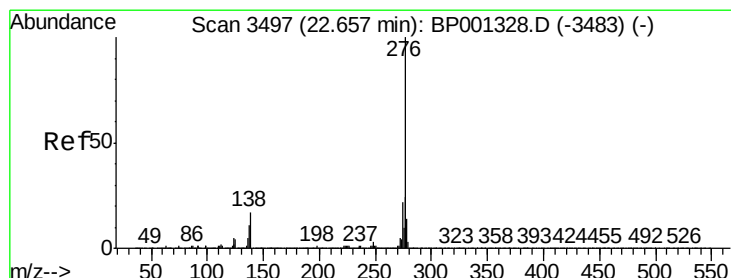
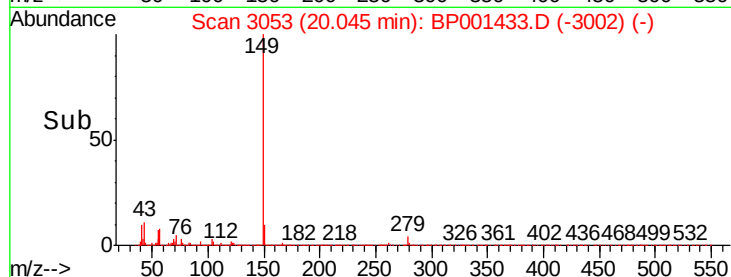
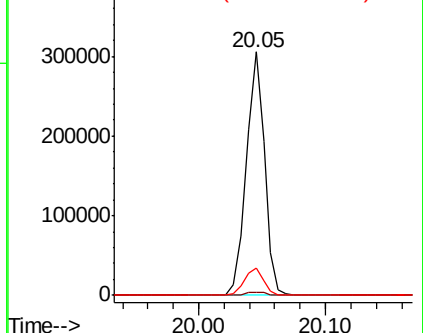
43 11.7 8.6 13.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.066 ng

RT: 22.63 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

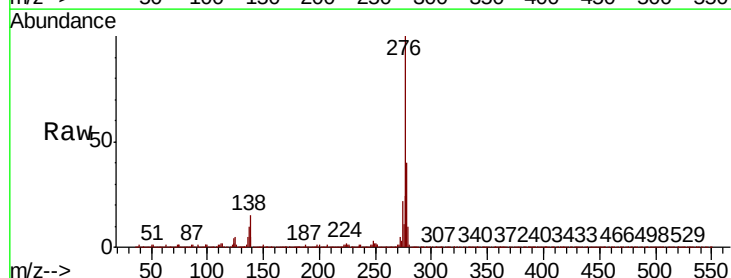
Tgt Ion:276 Resp: 287978

Ion Ratio Lower Upper

276 100

138 16.4 12.8 19.2

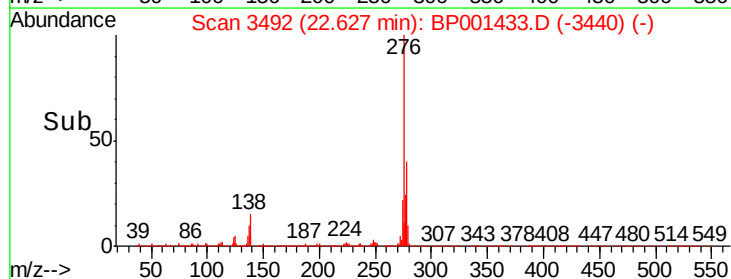
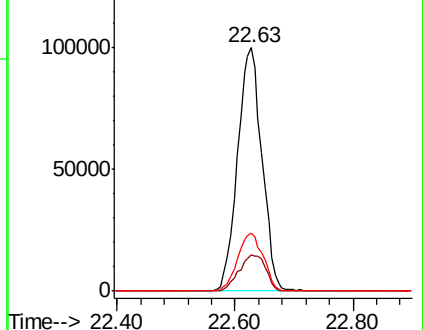
277 24.9 19.9 29.9

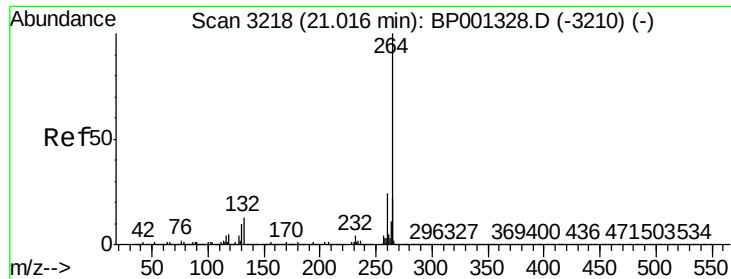


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

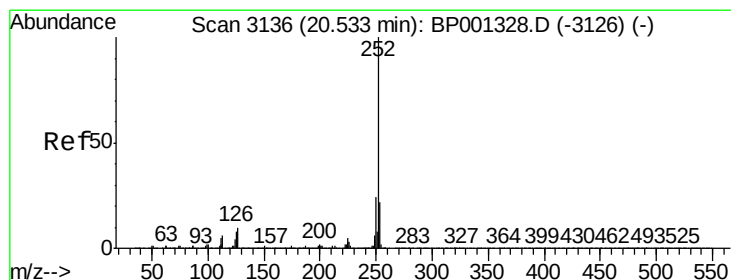
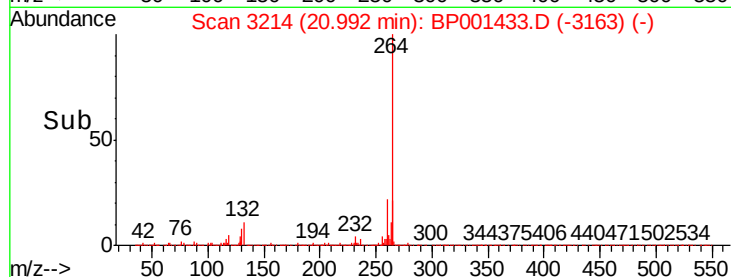
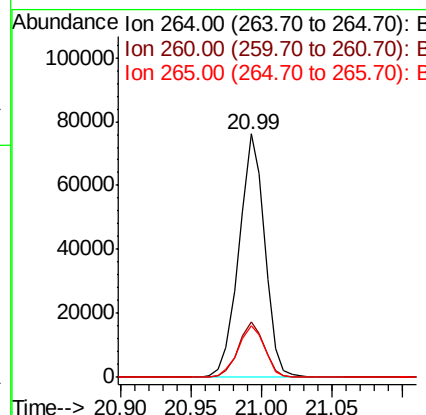
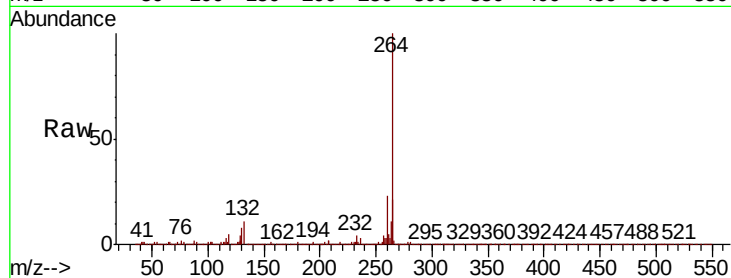




#87
Pervlene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

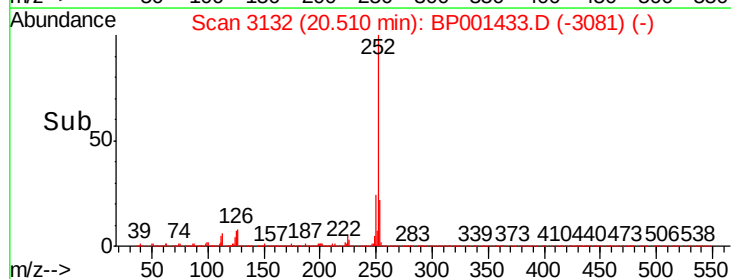
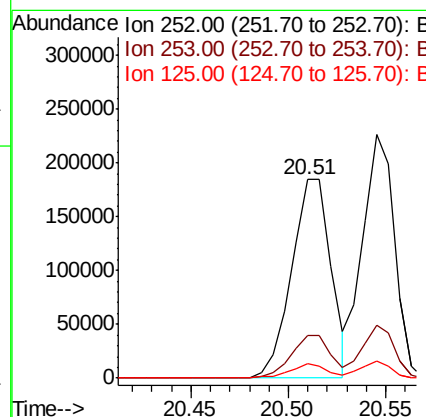
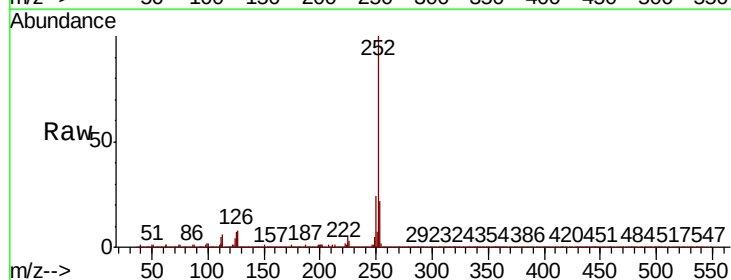
Instrument :
BNA_P
ClientSampleId :

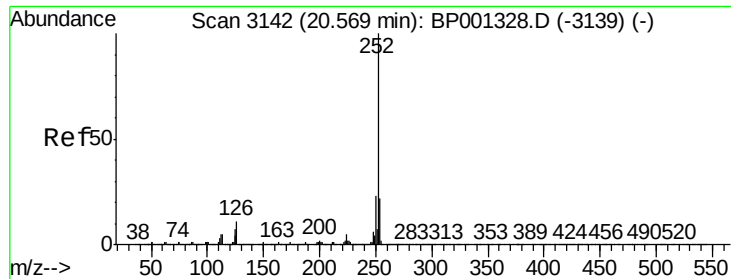
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	21.1	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 40.652 ng
RT: 20.51 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BP001433.D
Acq: 26 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	7.1	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 42.540 ng

RT: 20.55 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

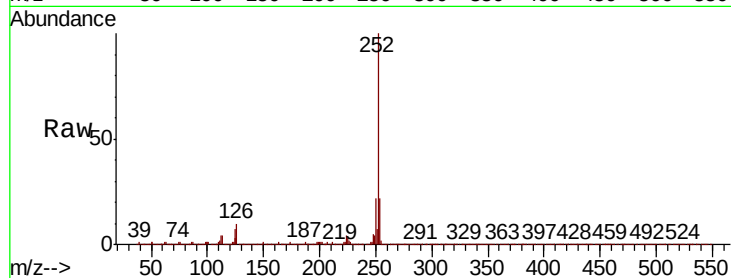
Tot Ion:252 Resp: 257298

Ion Ratio Lower Upper

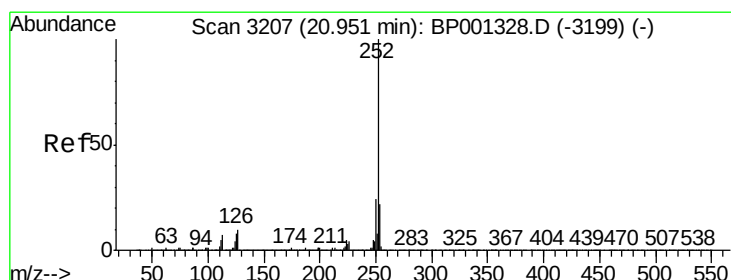
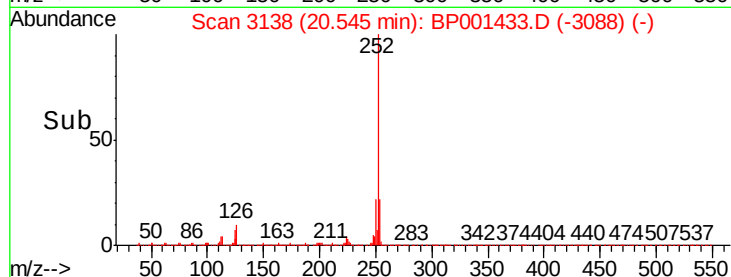
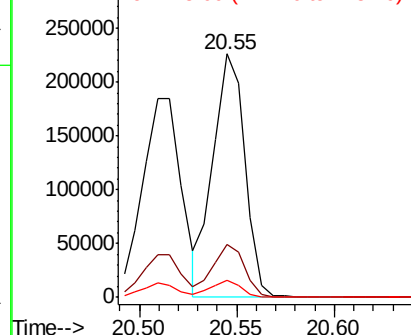
252 100

253 21.5 17.4 26.2

125 7.2 4.5 6.7#



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



#90

Benzo(a)pyrene

Concen: 40.033 ng

RT: 20.93 min Scan# 3203

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

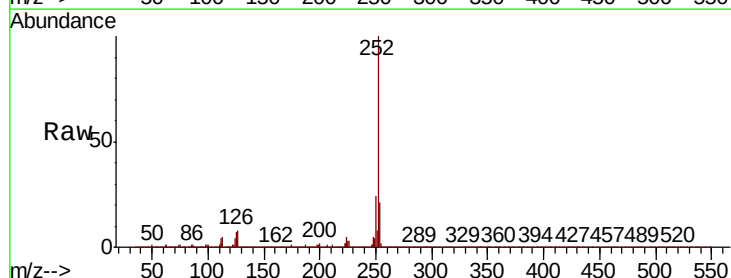
Tgt Ion:252 Resp: 231561

Ion Ratio Lower Upper

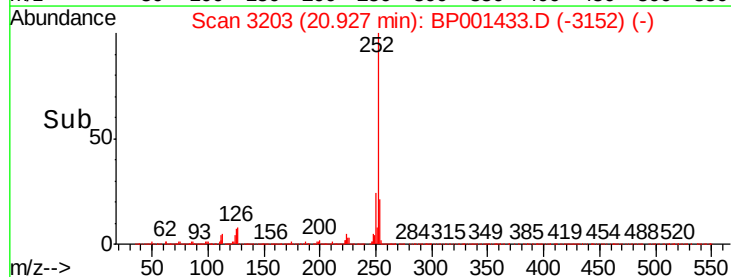
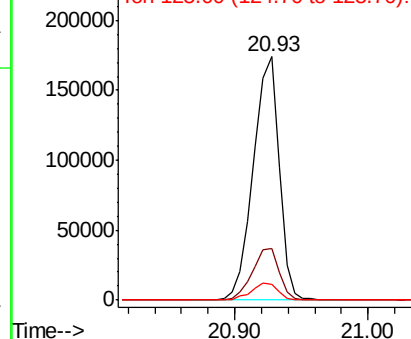
252 100

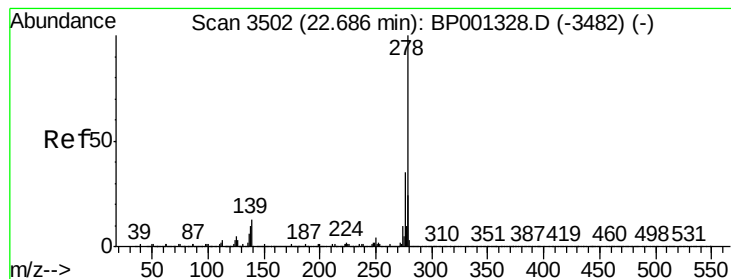
253 21.2 17.2 25.8

125 6.6 5.2 7.8



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





#91

Dibenzo(a,h)anthracene

Concen: 43.440 ng

RT: 22.65 min Scan# 3496

Delta R.T. 0.01 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

Instrument :

BNA_P

ClientSampleId :

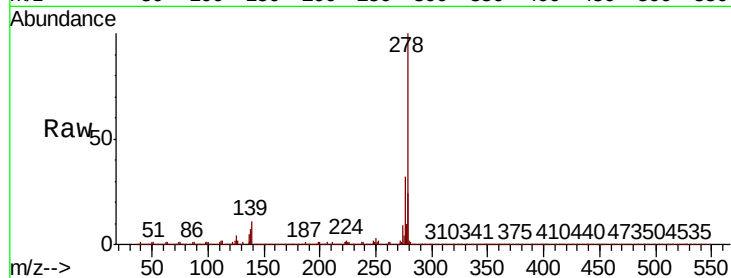
Tot Ion:278 Resp: 245671

Ion Ratio Lower Upper

278 100

139 11.0 8.3 12.5

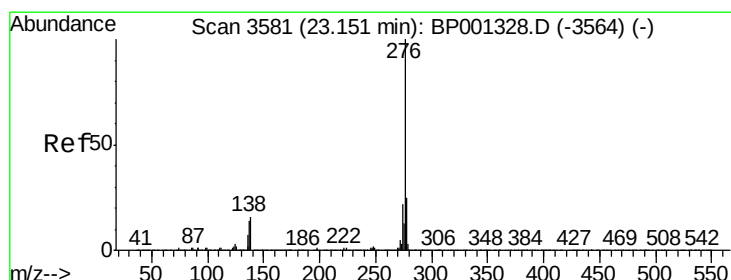
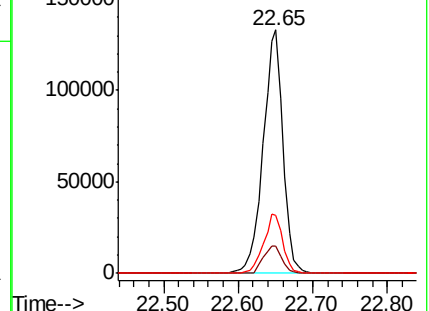
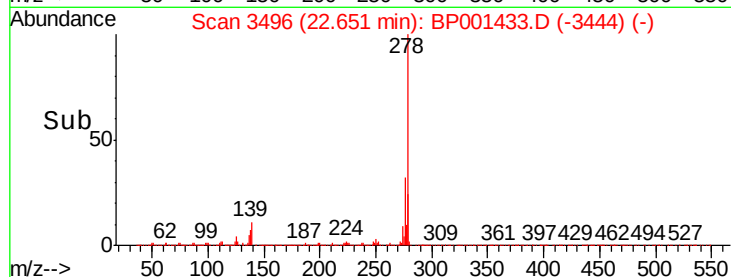
279 23.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.105 ng

RT: 23.11 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BP001433.D

Acq: 26 Dec 2019 20:55

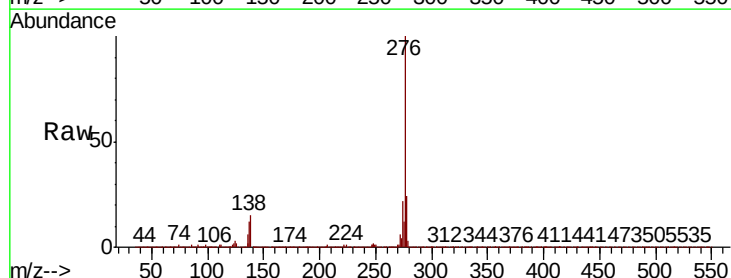
Tgt Ion:276 Resp: 232941

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 14.6 10.5 15.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

