

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001335.D
 Acq On : 20 Dec 2019 10:13
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 12:57:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	47931	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	167022	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	98767	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	194589	20.00	ng	0.00
76) Chrysene-d12	19.25	240	161359	20.00	ng	0.00
87) Perylene-d12	21.02	264	171763	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	225101	75.90	ng	0.00
7) Phenol-d6	7.75	99	295651	76.40	ng	0.00
23) Nitrobenzene-d5	9.19	82	327930	75.40	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	90325	73.15	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	576897	73.86	ng	0.00
79) Terphenyl-d14	17.89	244	715015	75.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	45828	37.549	ng	99
3) Pyridine	3.36	79	129611	38.874	ng	95
4) n-Nitrosodimethylamine	3.28	42	81588	38.646	ng	99
6) Aniline	7.78	93	188184	38.630	ng	99
8) 2-Chlorophenol	7.96	128	113569	38.091	ng	97
9) Benzaldehyde	7.60	77	103650	38.182	ng	99
10) Phenol	7.77	94	166787	37.721	ng	99
11) bis(2-Chloroethyl)ether	7.90	93	119778	38.291	ng	98
12) 1,3-Dichlorobenzene	8.21	146	140085	37.721	ng	98
13) 1,4-Dichlorobenzene	8.33	146	142737	37.725	ng	98
14) 1,2-Dichlorobenzene	8.56	146	137708	38.204	ng	98
15) Benzyl Alcohol	8.53	79	139487	38.415	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.77	45	189015	38.153	ng	100
17) 2-Methylphenol	8.73	107	100497	38.144	ng	94
18) Hexachloroethane	9.10	117	60990	37.892	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	105692	38.472	ng	99
20) 3+4-Methylphenols	8.98	107	135389	38.725	ng	97
22) Acetophenone	8.95	105	199618	37.794	ng	# 99
24) Nitrobenzene	9.22	77	162143	37.877	ng	100
25) Isophorone	9.61	82	265569	37.974	ng	100
26) 2-Nitrophenol	9.73	139	57676	37.784	ng	97
27) 2,4-Dimethylphenol	9.82	122	86335	38.455	ng	97
28) bis(2-Chloroethoxy)methane	9.98	93	157435	37.691	ng	97
29) 2,4-Dichlorophenol	10.12	162	104324	37.528	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	125502	36.703	ng	94
31) Naphthalene	10.38	128	342021	37.514	ng	99
32) Benzoic acid	9.99	122	51896	30.621	ng	99
33) 4-Chloroaniline	10.47	127	141276	37.890	ng	99
34) Hexachlorobutadiene	10.59	225	90193	37.817	ng	99
35) Caprolactam	11.04	113	32574	39.379	ng	# 90
36) 4-Chloro-3-methylphenol	11.28	107	123013	37.866	ng	97
37) 2-Methylnaphthalene	11.50	142	238568	37.903	ng	99
38) 1-Methylnaphthalene	11.66	142	218735	36.964	ng	96
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	135129	37.002	ng	100

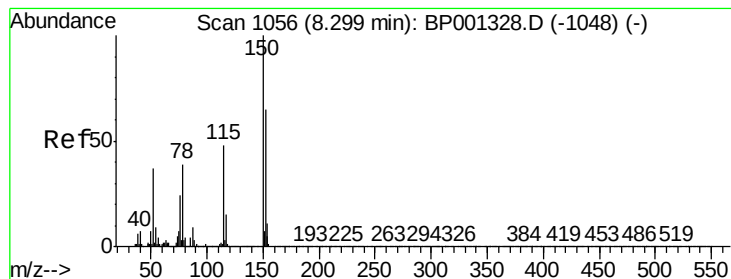
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	67217	37.214	ng	100
43) 2,4,6-Trichlorophenol	11.97	196	83591	37.219	ng	98
44) 2,4,5-Trichlorophenol	12.03	196	86539	37.502	ng	99
46) 1,1'-Biphenyl	12.27	154	303343	36.702	ng	100
47) 2-Chloronaphthalene	12.30	162	247977	37.113	ng	99
48) 2-Nitroaniline	12.46	65	99598	37.225	ng	99
49) Acenaphthylene	12.97	152	362631	37.127	ng	99
50) Dimethylphthalate	12.80	163	301577	37.219	ng	100
51) 2,6-Dinitrotoluene	12.88	165	61031	37.095	ng	91
52) Acenaphthene	13.26	154	216750	36.831	ng	99
53) 3-Nitroaniline	13.14	138	65020	36.820	ng	97
54) 2,4-Dinitrophenol	13.32	184	23546	37.062	ng	96
55) Dibenzofuran	13.54	168	339564	36.827	ng	99
56) 4-Nitrophenol	13.43	139	46561	36.873	ng	97
57) 2,4-Dinitrotoluene	13.53	165	84749	37.061	ng	94
58) Fluorene	14.10	166	273132	37.035	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.67	232	71821	36.252	ng	99
60) Diethylphthalate	13.96	149	310742	37.182	ng	100
61) 4-Chlorophenyl-phenylether	14.12	204	145242	37.464	ng	96
62) 4-Nitroaniline	12.46	138	76745	37.529	ng	99
63) Azobenzene	14.38	77	329384	37.437	ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	30835	35.382	ng	95
66) n-Nitrosodiphenylamine	14.32	169	229240	37.160	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	86489	37.593	ng	95
68) Hexachlorobenzene	15.00	284	98310	37.536	ng	96
69) Atrazine	15.21	200	84396	38.086	ng	99
70) Pentachlorophenol	15.32	266	49993	37.221	ng	95
71) Phenanthrene	15.64	178	414055	37.296	ng	100
72) Anthracene	15.72	178	406262	36.966	ng	99
73) Carbazole	15.96	167	366522	37.407	ng	99
74) Di-n-butylphthalate	16.52	149	500212	37.201	ng	99
75) Fluoranthene	17.35	202	461962	37.214	ng	99
77) Benzidine	17.54	184	179859	38.284	ng	98
78) Pyrene	17.66	202	470112	37.523	ng	99
80) Butylbenzylphthalate	18.54	149	222796	38.144	ng	98
81) Benzo(a)anthracene	19.24	228	431895	36.732	ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	157339	38.536	ng	99
83) Chrysene	19.29	228	424500	37.404	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	321074	37.461	ng	97
85) Di-n-octyl phthalate	20.07	149	536194	37.746	ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	453428	36.993	ng	100
88) Benzo(b)fluoranthene	20.54	252	412739	36.590	ng	99
89) Benzo(k)fluoranthene	20.57	252	411443	38.290	ng	99
90) Benzo(a)pyrene	20.95	252	383913	37.360	ng	98
91) Dibenzo(a,h)anthracene	22.69	278	374176	37.242	ng	98
92) Benzo(g,h,i)perylene	23.15	276	353317	36.801	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

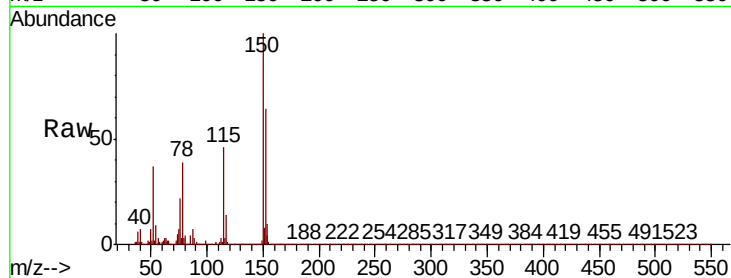
Tot Ion:152 Resp: 47931

Ion Ratio Lower Upper

152 100

150 155.8 124.0 186.0

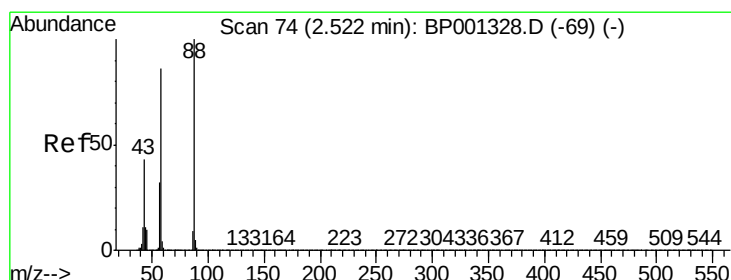
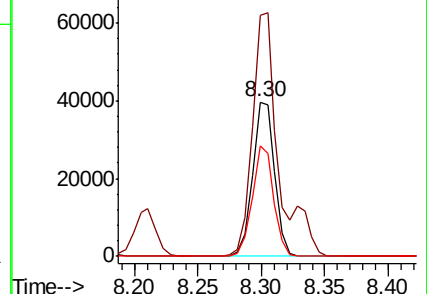
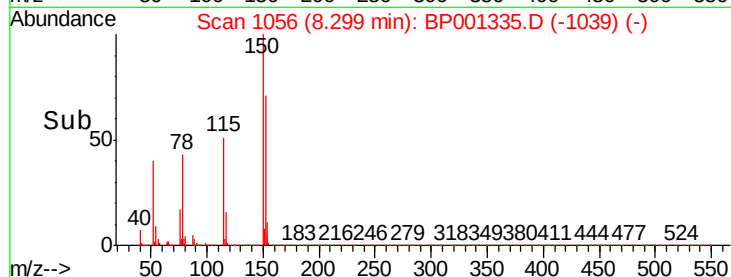
115 71.5 59.3 88.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.549 ng

RT: 2.52 min Scan# 74

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

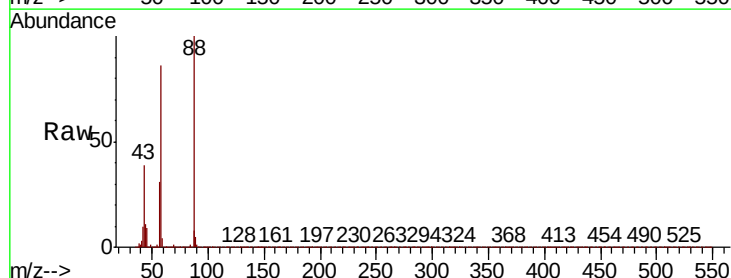
Tgt Ion: 88 Resp: 45828

Ion Ratio Lower Upper

88 100

58 85.9 69.6 104.4

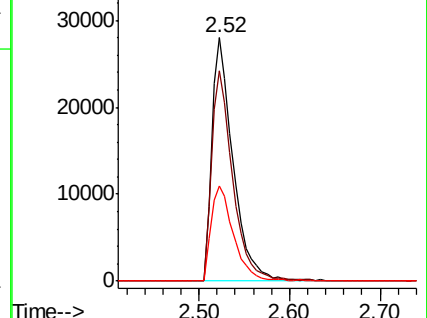
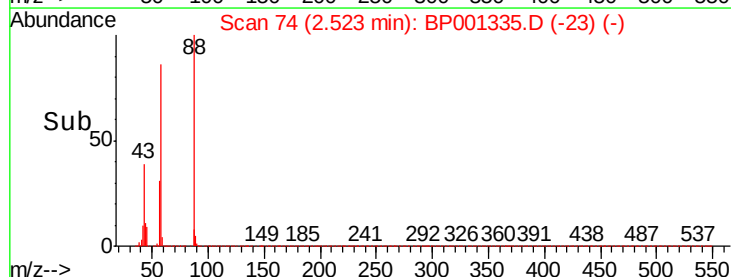
43 41.7 33.7 50.5

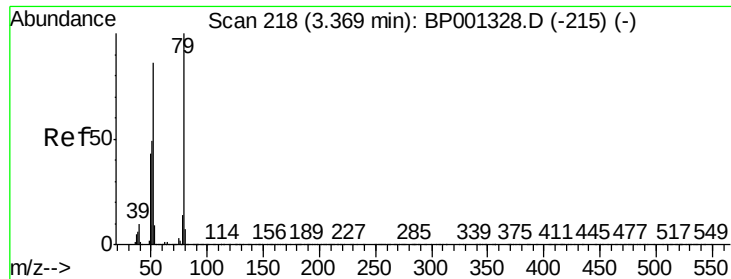


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 38.874 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

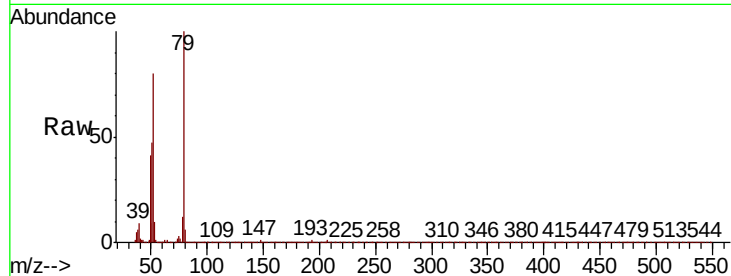
Tot Ion: 79 Resp: 129611

Ion Ratio Lower Upper

79 100

52 80.2 68.5 102.7

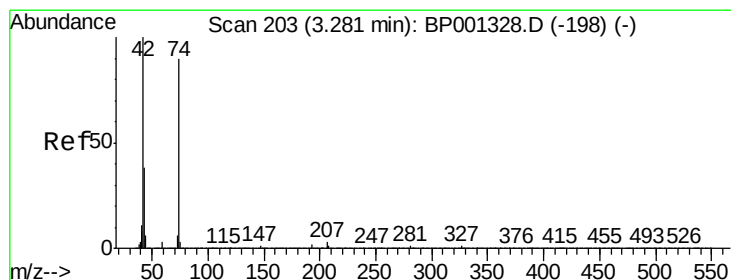
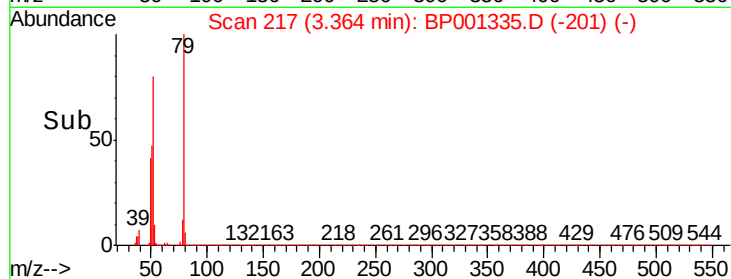
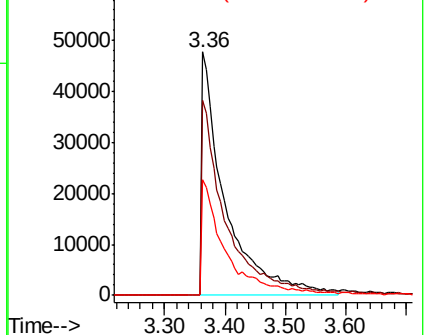
51 47.4 39.5 59.3



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 38.646 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

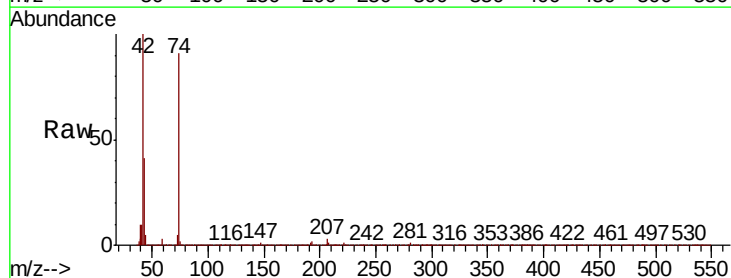
Tgt Ion: 42 Resp: 81588

Ion Ratio Lower Upper

42 100

74 91.5 72.2 108.4

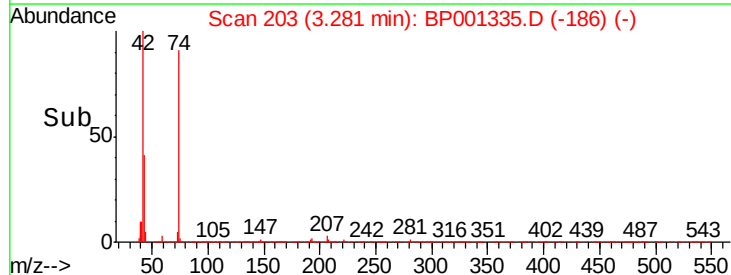
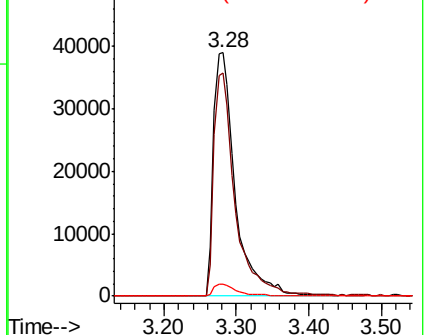
44 4.8 4.5 6.7

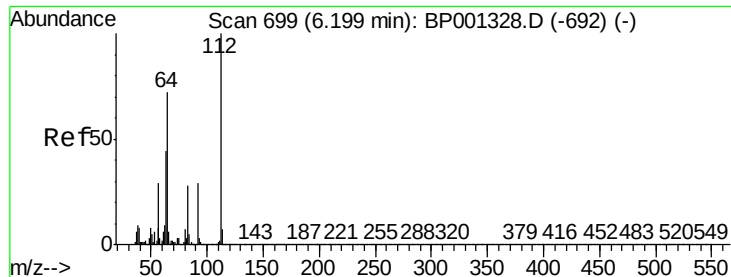


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 75.902 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BP001335.D

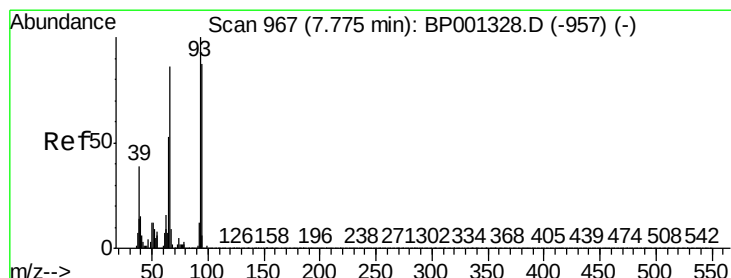
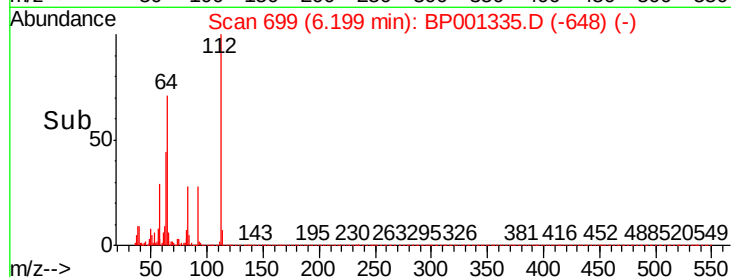
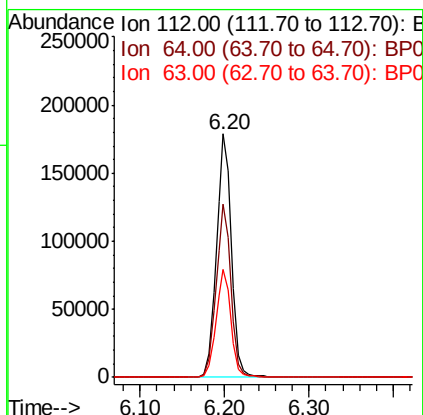
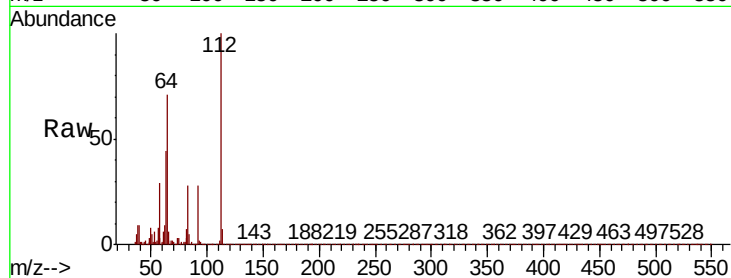
Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	112	Resp:	225101
Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.6	86.4
63	44.1	35.1	52.7



#6

Aniline

Concen: 38.630 ng

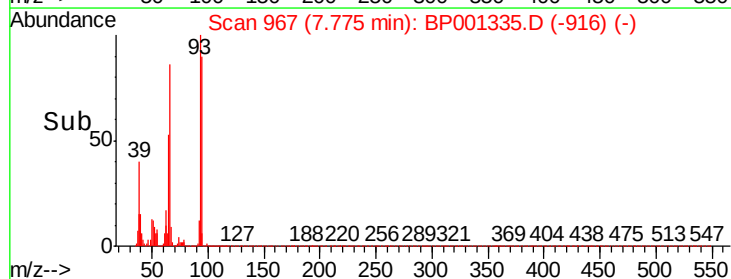
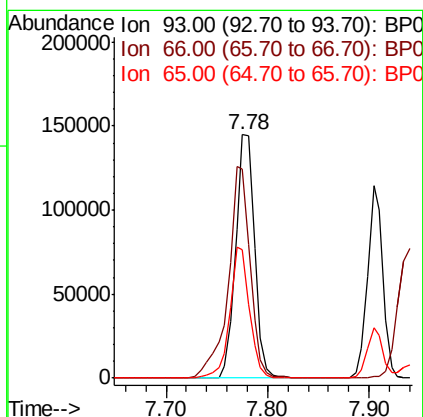
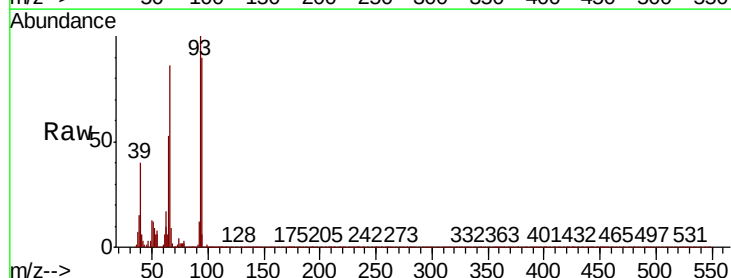
RT: 7.78 min Scan# 967

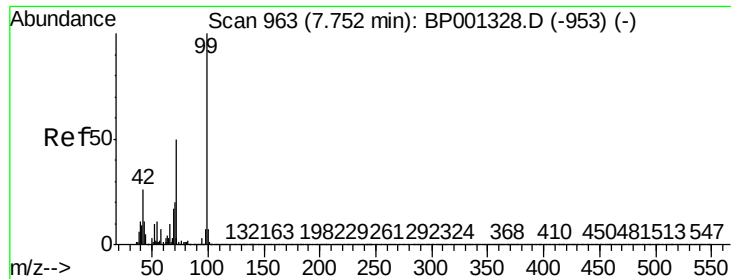
Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Tgt Ion:	93	Resp:	188184
Ion	Ratio	Lower	Upper
93	100		
66	85.6	69.0	103.6
65	52.7	42.2	63.4





#7

Phenol-d6

Concen: 76.399 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

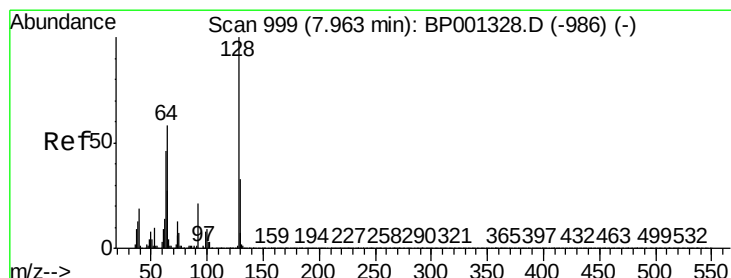
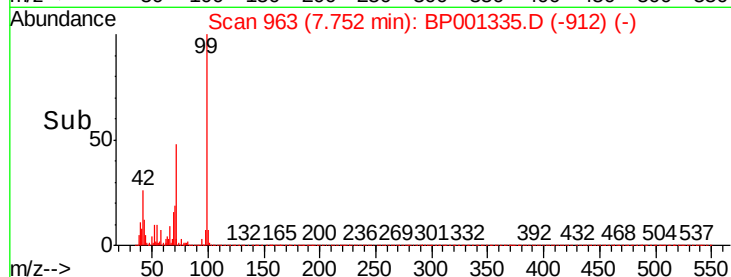
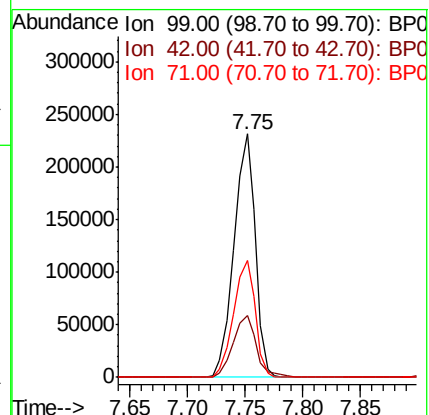
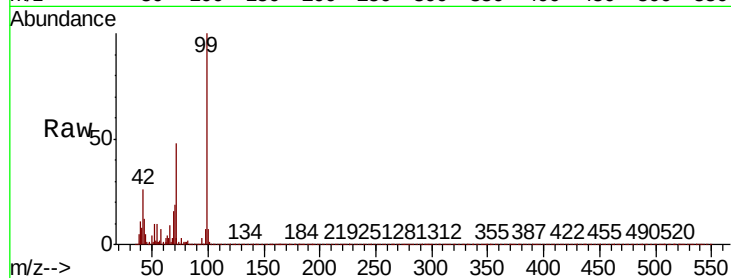
Tot Ion: 99 Resp: 295651

Ion Ratio Lower Upper

99 100

42 25.5 20.9 31.3

71 48.0 40.0 60.0



#8

2-Chlorophenol

Concen: 38.091 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

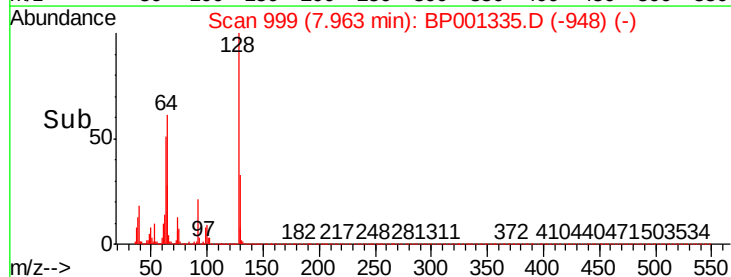
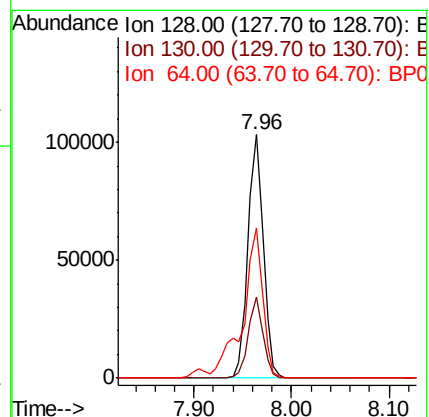
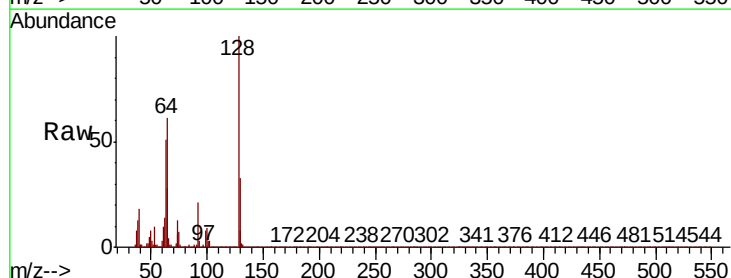
Tgt Ion: 128 Resp: 113569

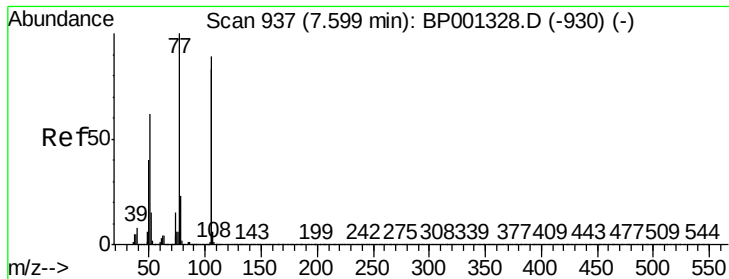
Ion Ratio Lower Upper

128 100

130 33.4 13.5 53.5

64 61.4 38.2 78.2





#9

Benzaldehyde

Concen: 38.182 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampled :

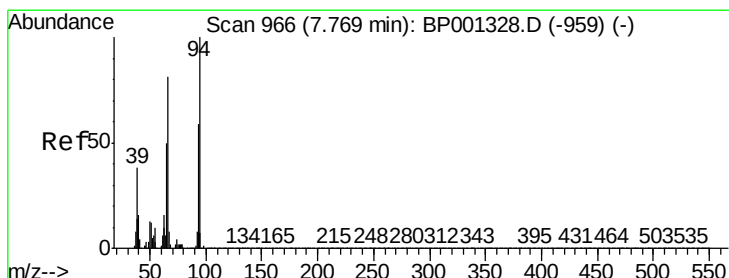
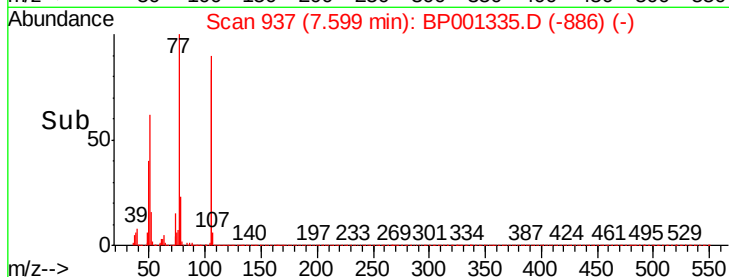
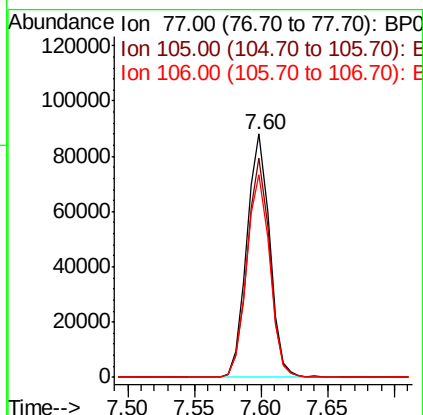
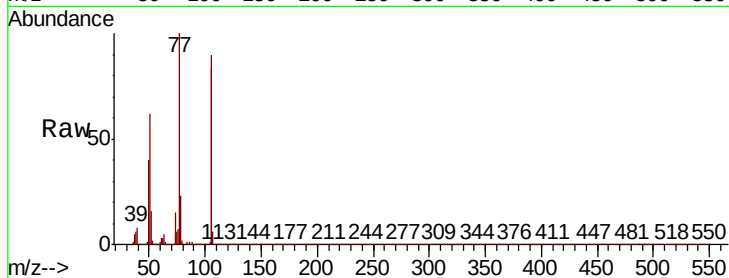
Tot Ion: 77 Resp: 103650

Ion Ratio Lower Upper

77 100

105 90.0 68.6 108.6

106 83.0 62.5 102.5



#10

Phenol

Concen: 37.721 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

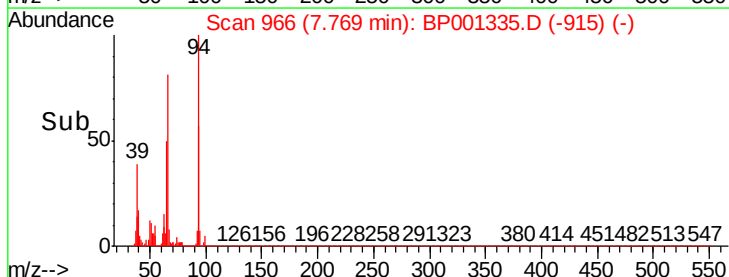
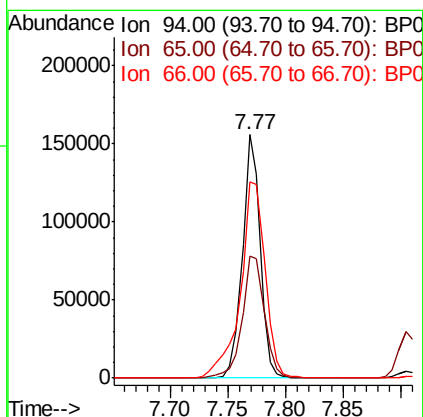
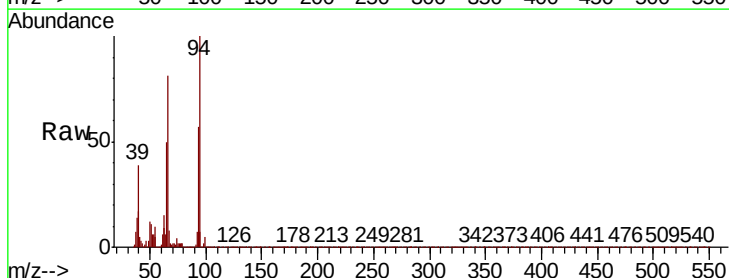
Tgt Ion: 94 Resp: 166787

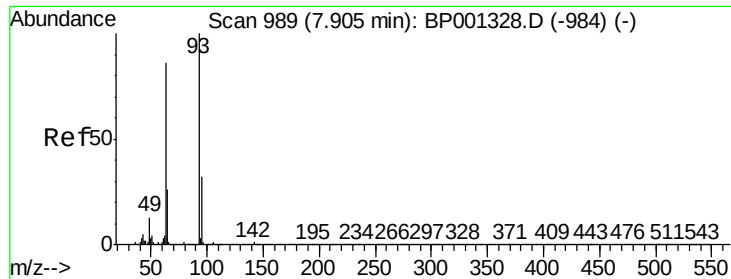
Ion Ratio Lower Upper

94 100

65 49.9 30.4 70.4

66 80.7 62.0 102.0

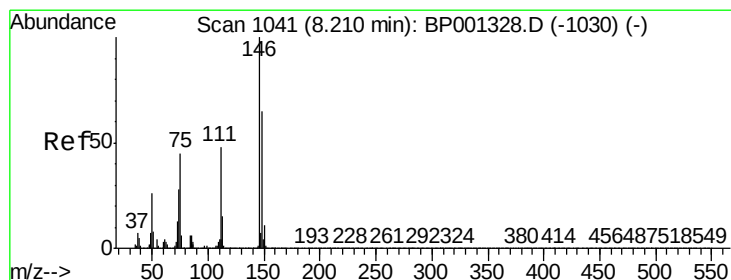
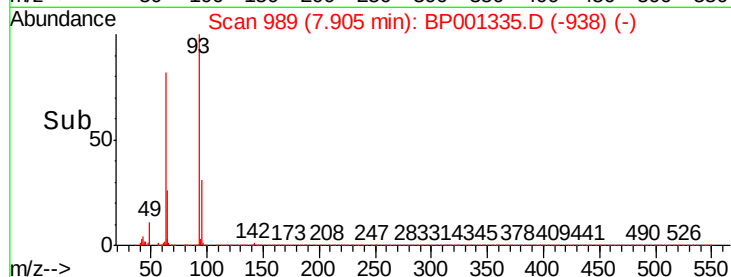
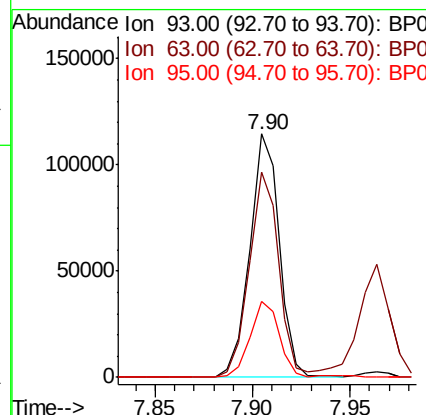
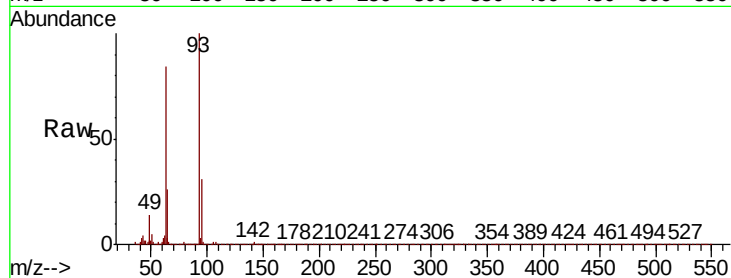




#11
bis(2-Chloroethyl)ether
Concen: 38.291 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

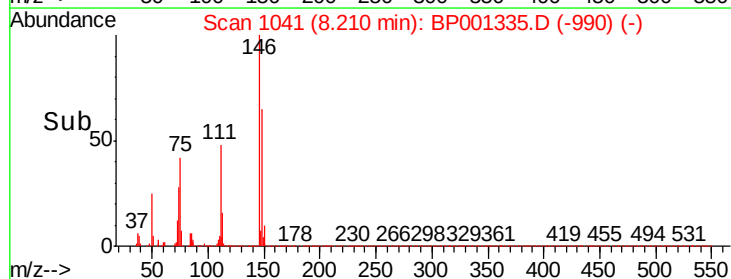
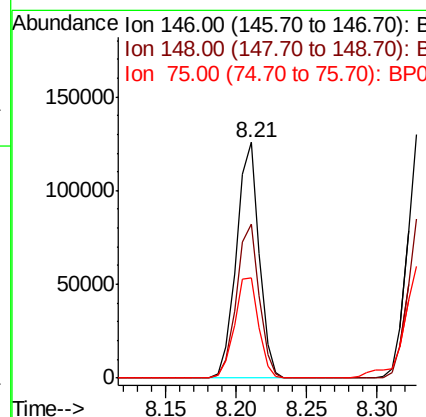
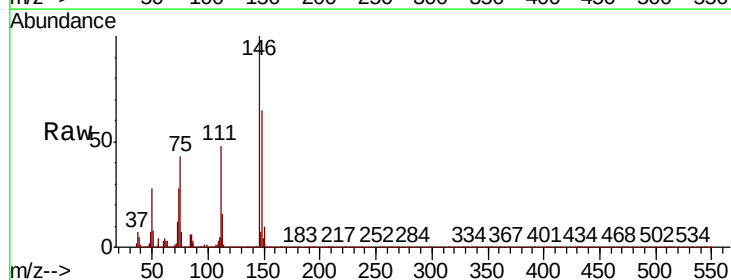
Instrument :
BNA_P
ClientSampleId :

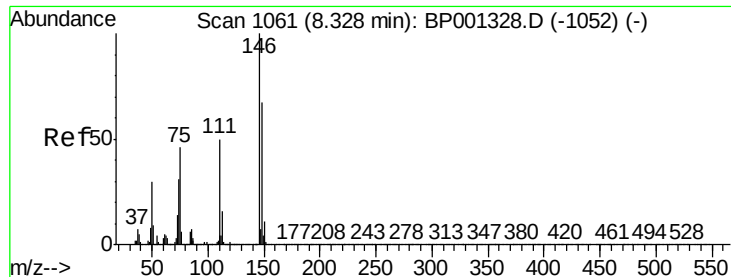
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.3	66.2	106.2
95	31.4	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 37.721 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
75	42.6	36.2	54.4

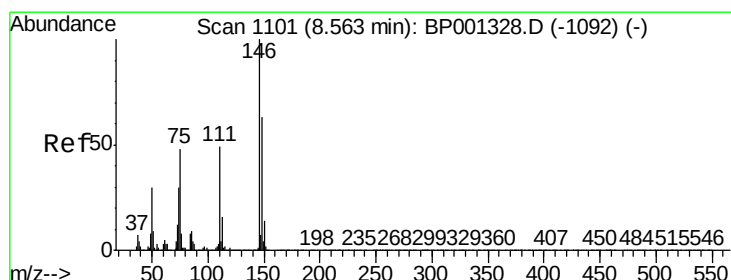
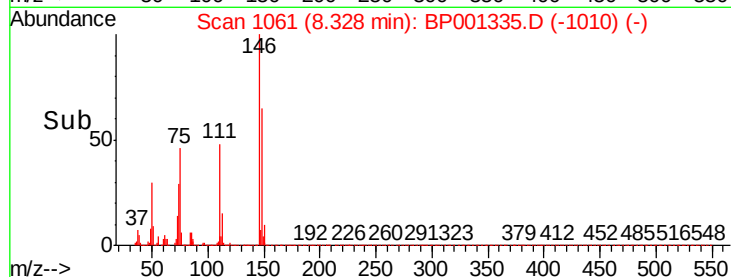
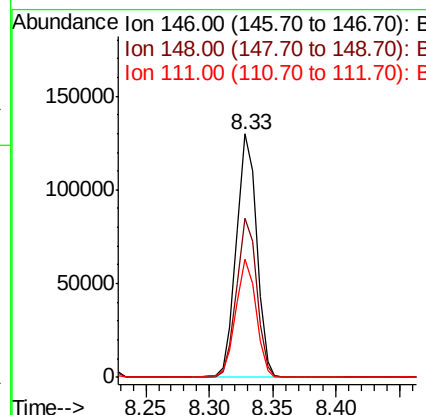
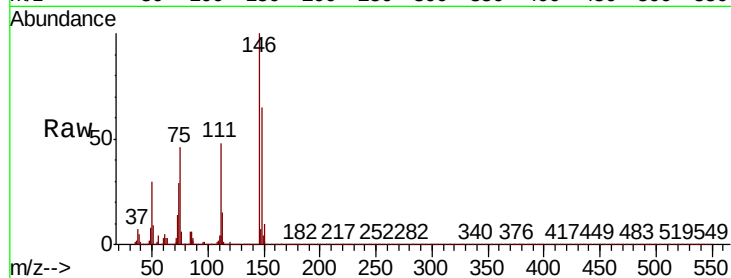




#13
1,4-Dichlorobenzene
Concen: 37.725 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

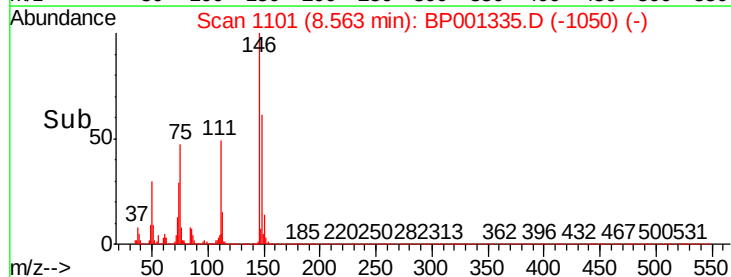
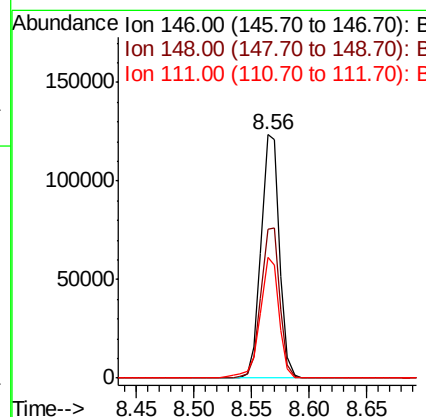
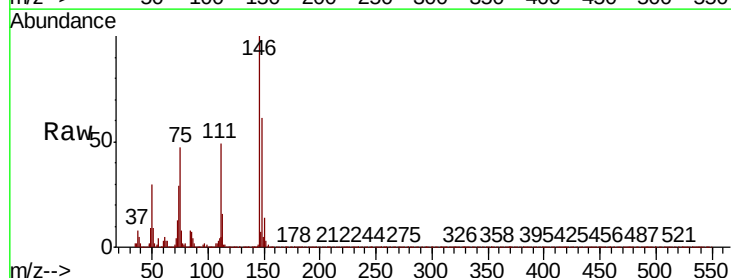
Instrument :
BNA_P
ClientSampleId :

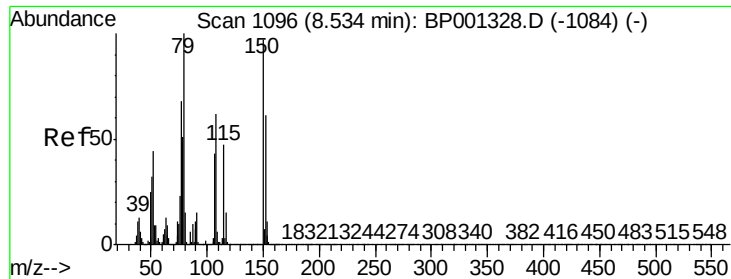
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.3	79.9
111	48.5	40.2	60.4



#14
1,2-Dichlorobenzene
Concen: 38.204 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	50.8	76.2
111	49.3	39.4	59.2





#15

Benzyl Alcohol

Concen: 38.415 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

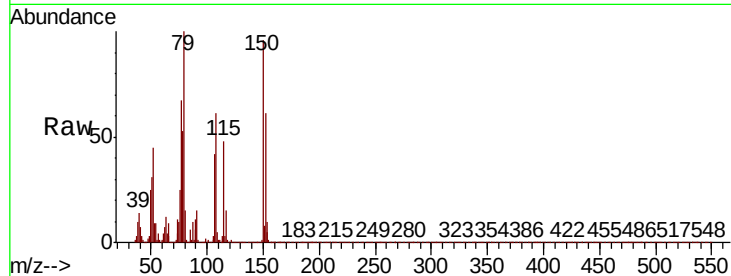
Tot Ion: 79 Resp: 139487

Ion Ratio Lower Upper

79 100

108 60.8 49.3 73.9

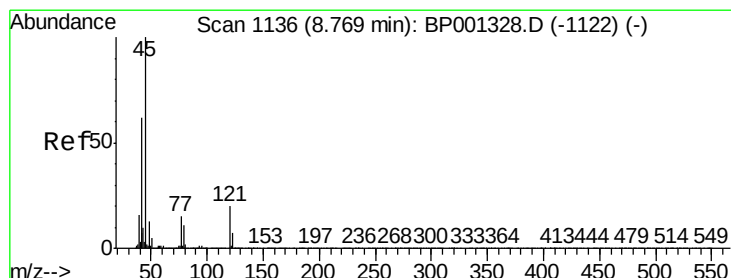
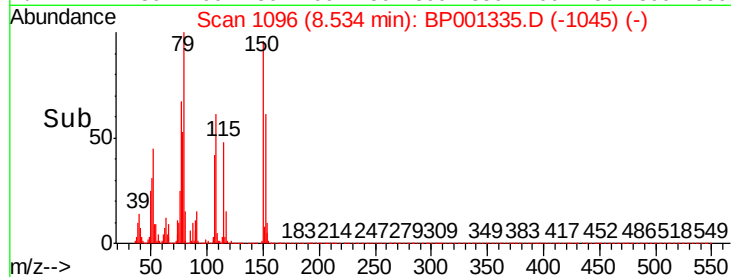
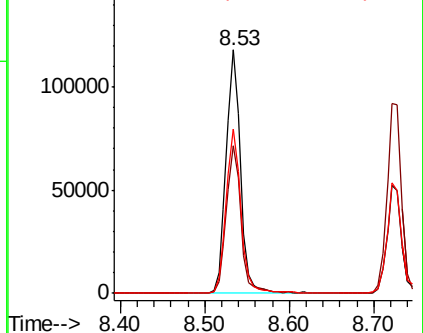
77 67.3 54.4 81.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.153 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

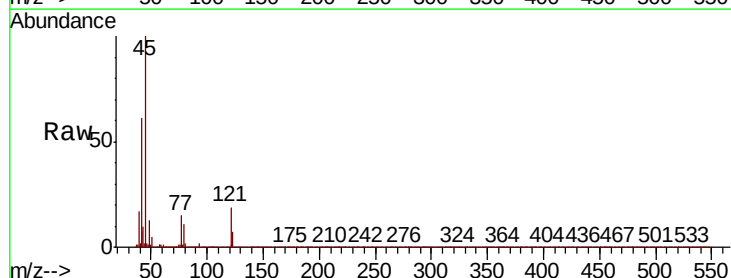
Tgt Ion: 45 Resp: 189015

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.8

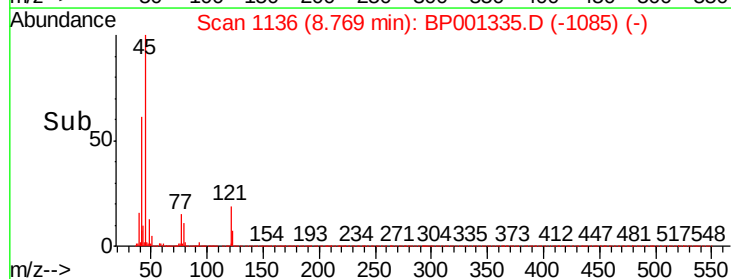
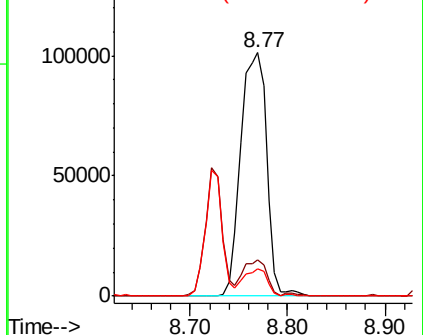
79 11.1 0.0 31.2

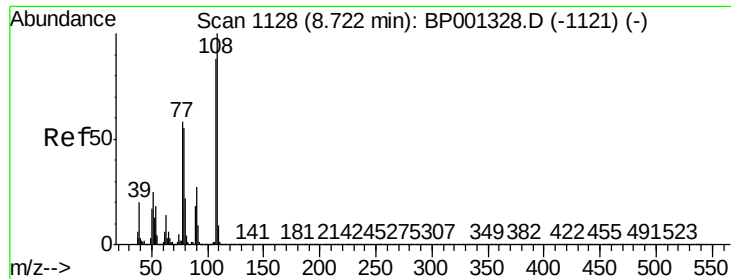


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#17

2-Methylphenol

Concen: 38.144 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampled :

Tot Ion:107 Resp: 100497

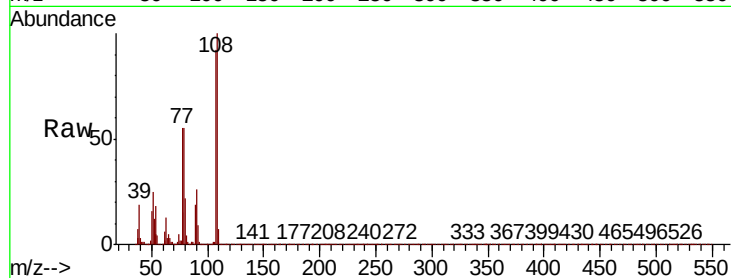
Ion Ratio Lower Upper

107 100

108 108.5 90.7 136.1

77 59.4 52.7 79.1

79 59.2 50.4 75.6

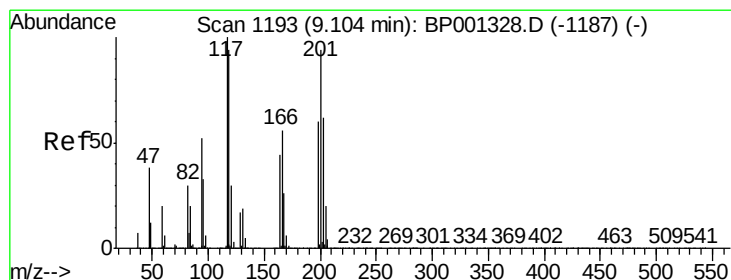
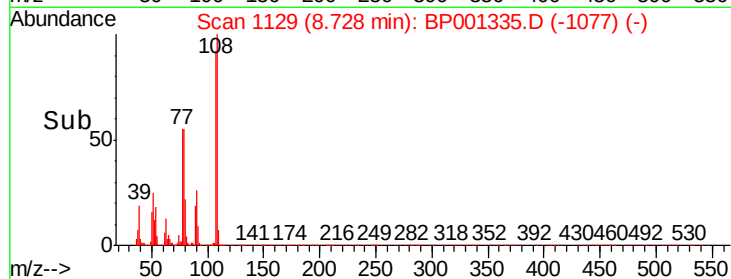
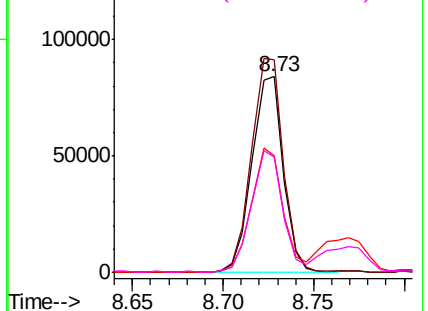


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 37.892 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

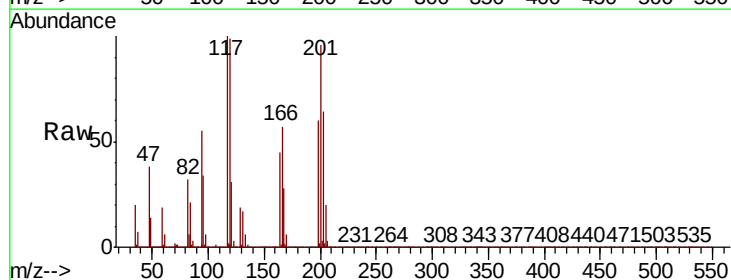
Tgt Ion:117 Resp: 60990

Ion Ratio Lower Upper

117 100

119 99.0 75.0 112.4

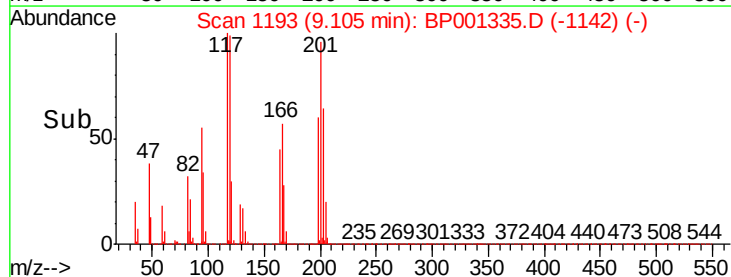
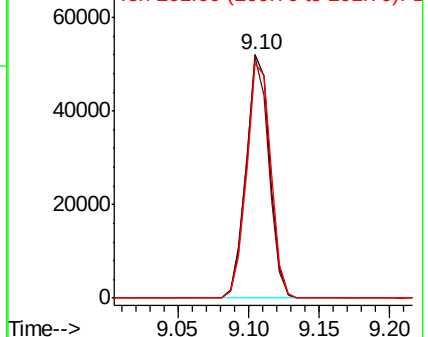
201 96.3 75.6 113.4

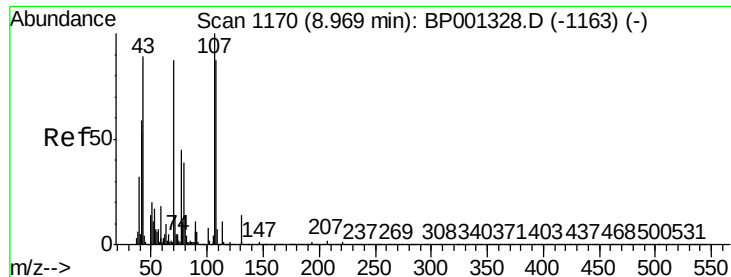


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

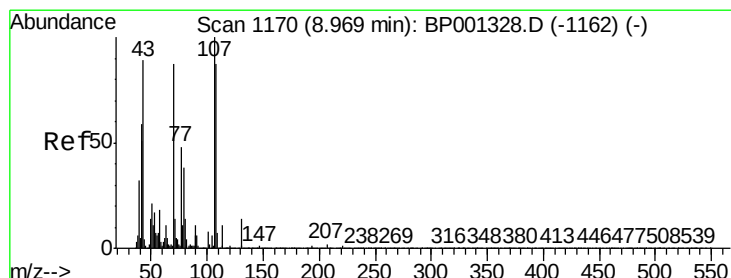
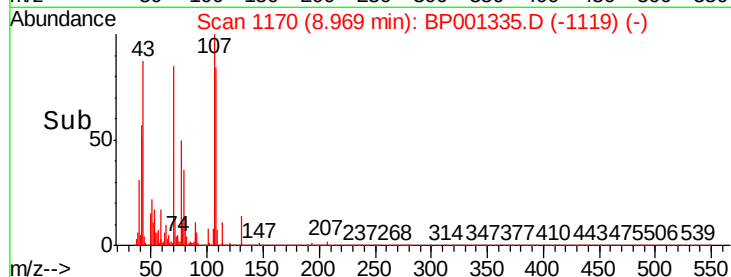
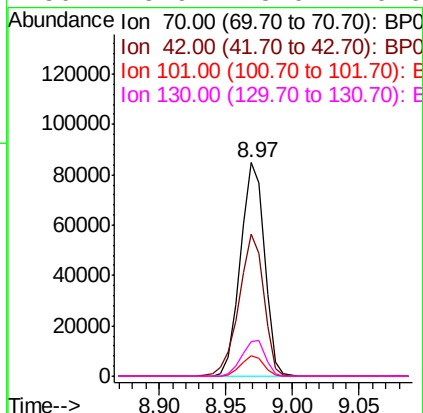
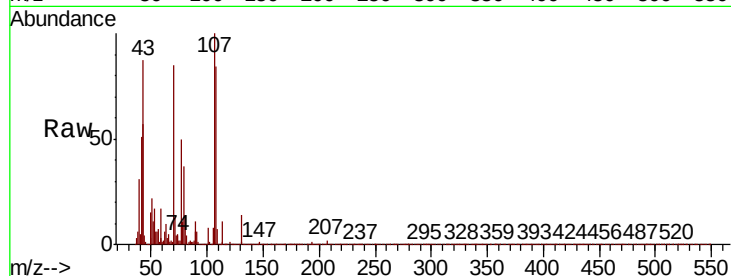




#19
n-Nitroso-di-n-propylamine
Concen: 38.472 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

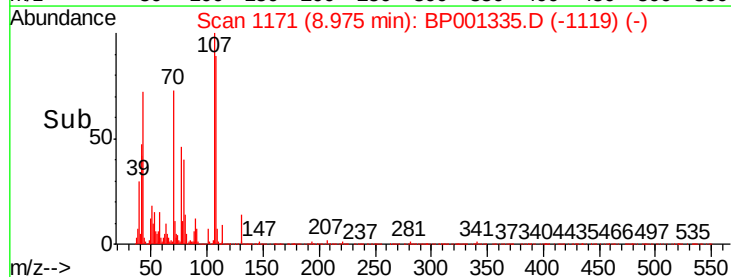
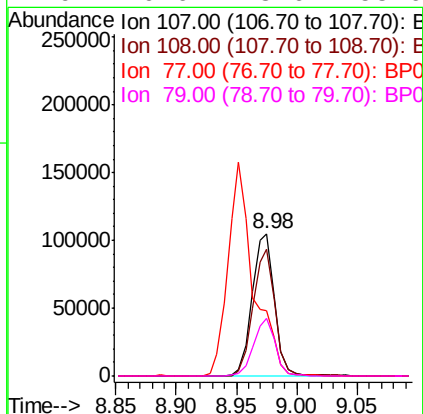
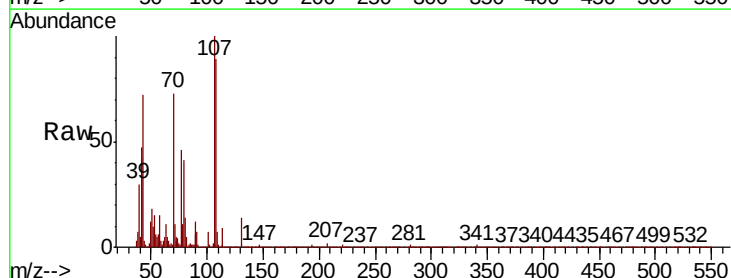
Instrument :
BNA_P
ClientSampleId :

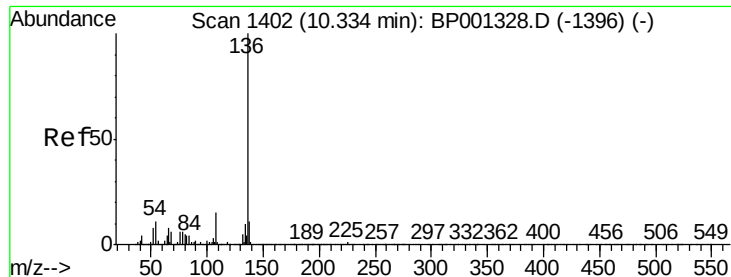
Tot Ion:	70	Resp:	105692
Ion	Ratio	Lower	Upper
70	100		
42	66.7	54.1	81.1
101	9.5	7.0	10.4
130	15.9	13.0	19.6



#20
3+4-Methylphenols
Concen: 38.725 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:	107	Resp:	135389
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.2	107.2
77	45.9	28.0	68.0
79	40.6	18.6	58.6

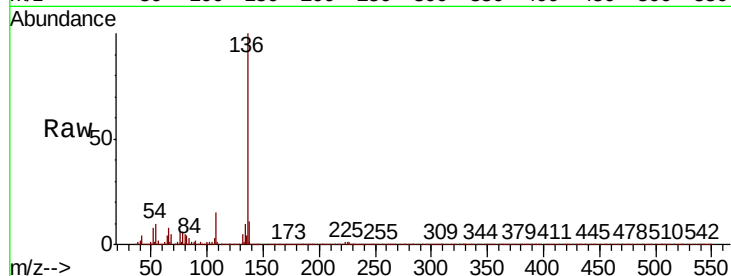




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 167022
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 10.4	8.8 13.2
68 5.2	4.6 6.8



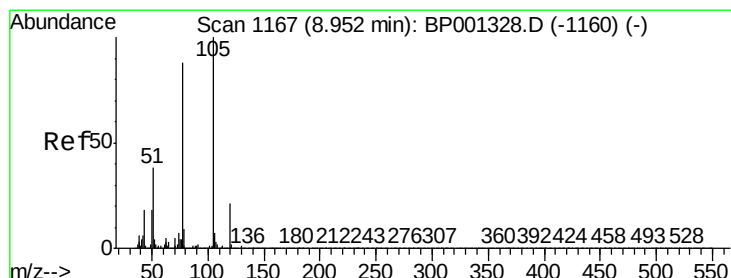
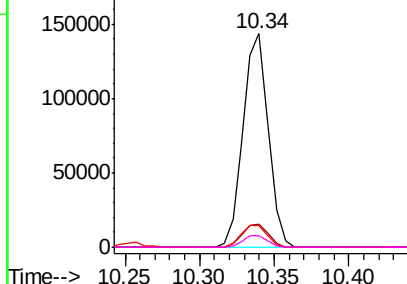
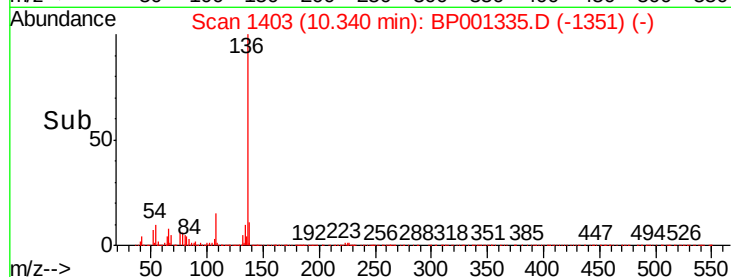
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

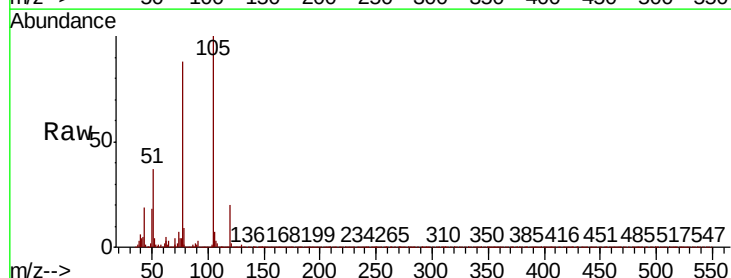
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22
Acetophenone
Concen: 37.794 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt	Ion:105	Resp:	199618
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	37.4	30.6	45.8
120	20.3	16.5	24.7



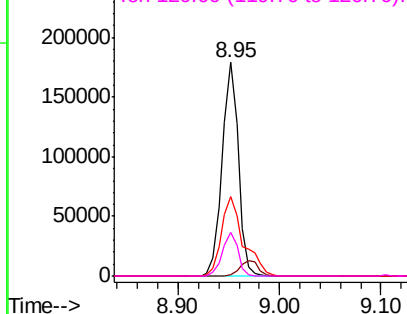
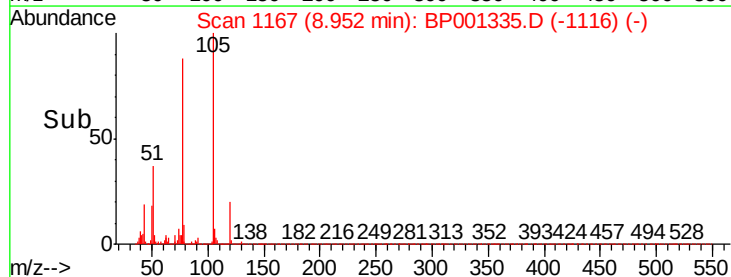
Abundance

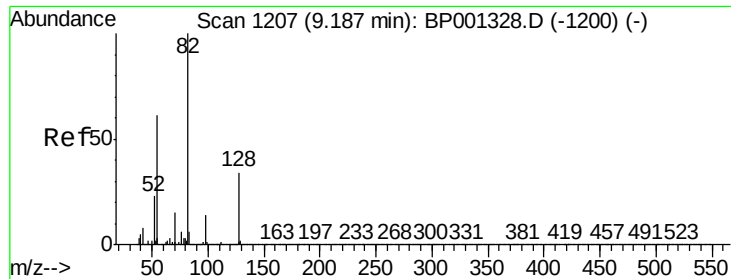
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

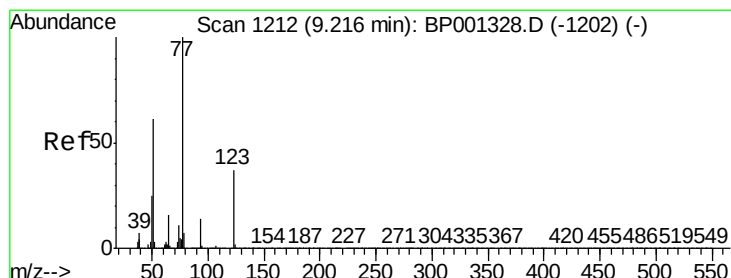
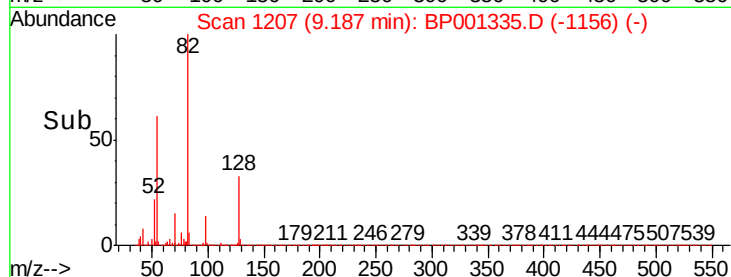
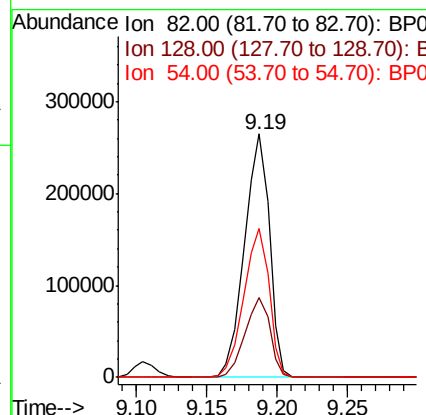
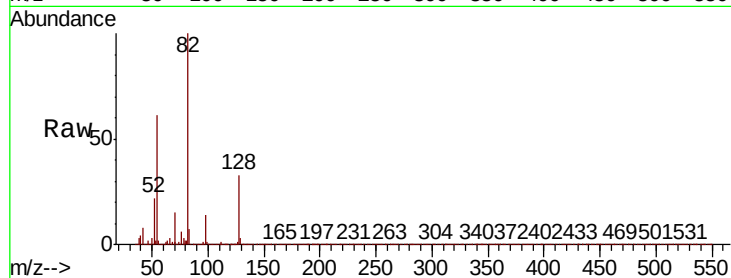




#23
 Nitrobenzene-d5
 Concen: 75.397 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BP001335.D
 Acq: 20 Dec 2019 10:13

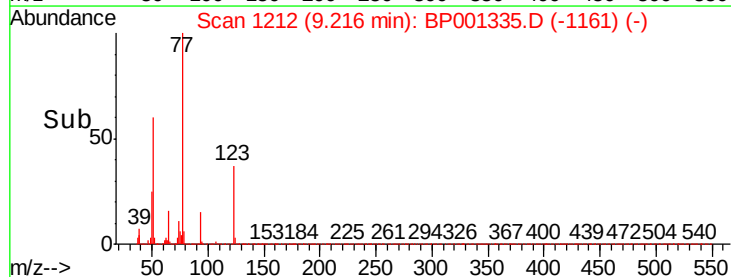
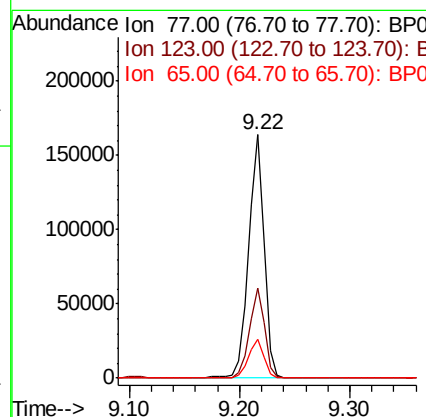
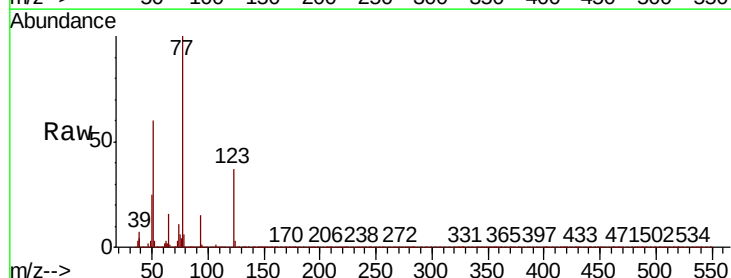
Instrument :
 BNA_P
 ClientSampleId :

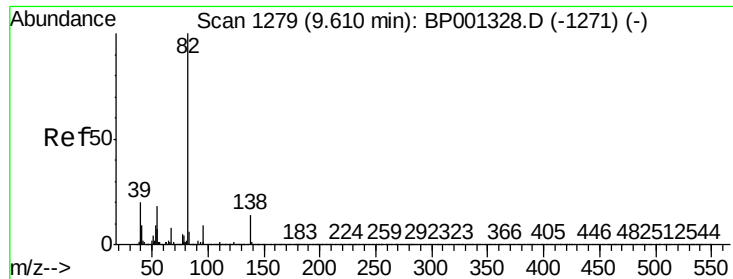
Tot Ion	82	Resp	327930
Ion Ratio	100	Lower	Upper
128	32.6	27.0	40.4
54	61.2	49.0	73.4



#24
 Nitrobenzene
 Concen: 37.877 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BP001335.D
 Acq: 20 Dec 2019 10:13

Tgt Ion	77	Resp	162143
Ion Ratio	100	Lower	Upper
123	36.8	29.4	44.0
65	15.8	12.4	18.6

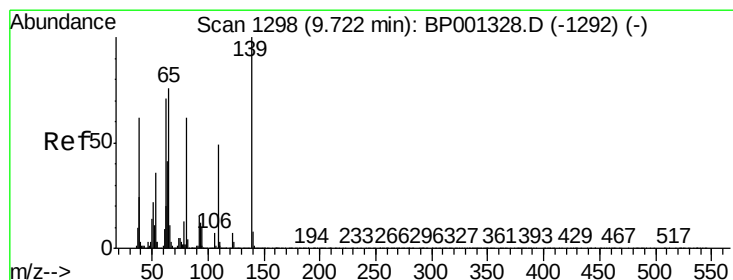
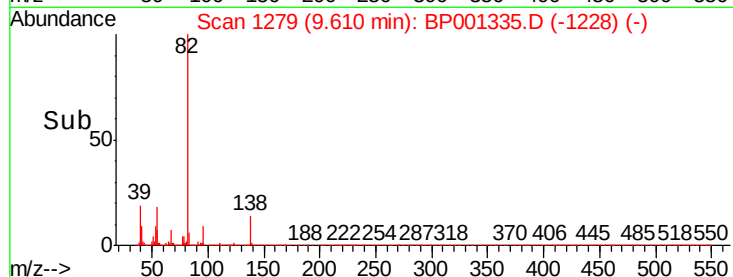
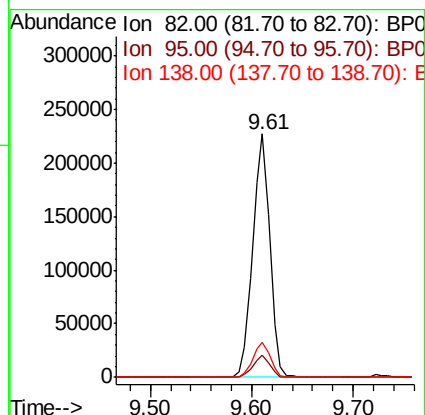
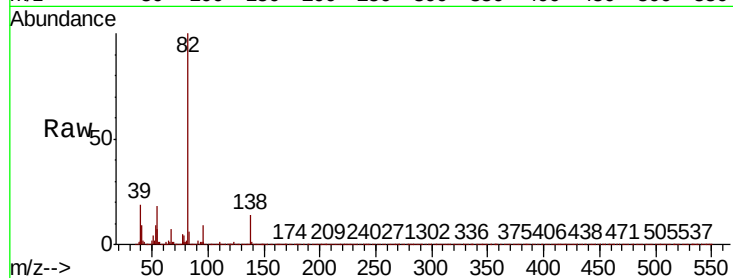




#25
Isophorone
Concen: 37.974 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

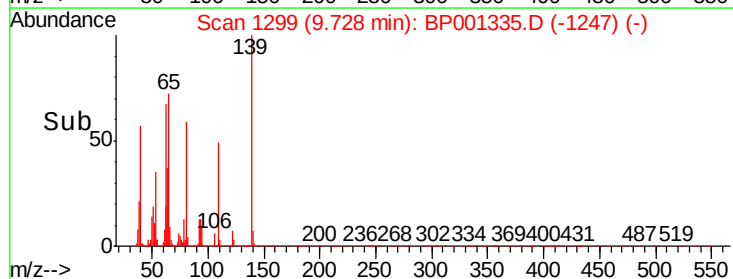
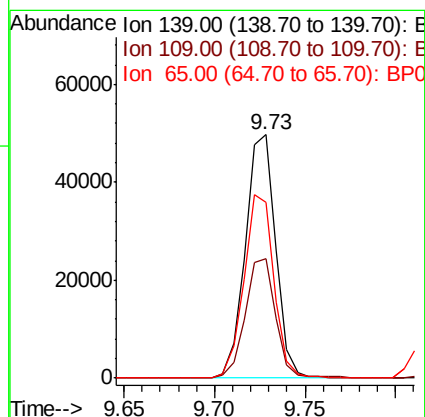
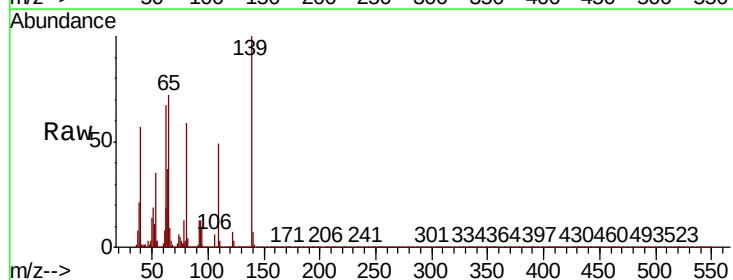
Instrument :
BNA_P
ClientSampleId :

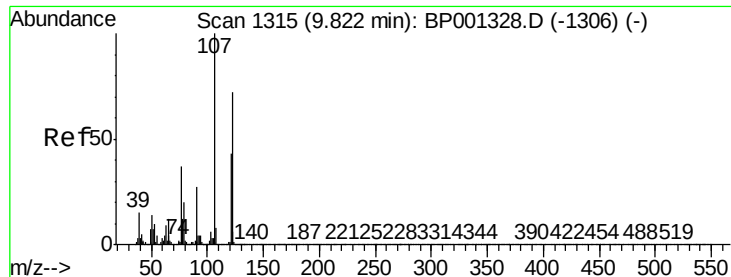
Tot Ion	82	Resp	265569
Ion	Ratio	Lower	Upper
82	100		
95	9.1	7.3	10.9
138	14.3	11.5	17.3



#26
2-Nitrophenol
Concen: 37.784 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	139	Resp	57676
Ion	Ratio	Lower	Upper
139	100		
109	48.9	39.1	58.7
65	72.1	61.2	91.8





#27

2,4-Dimethylphenol

Concen: 38.455 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampled :

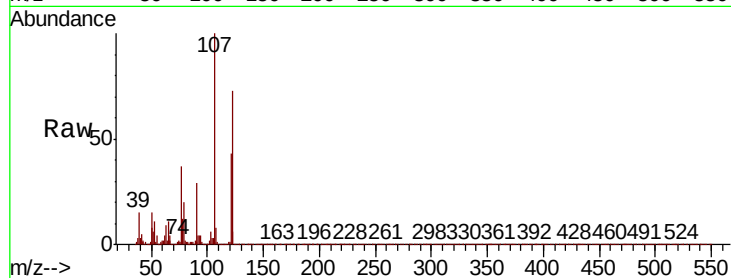
Tot Ion:122 Resp: 86335

Ion Ratio Lower Upper

122 100

107 136.2 111.9 167.9

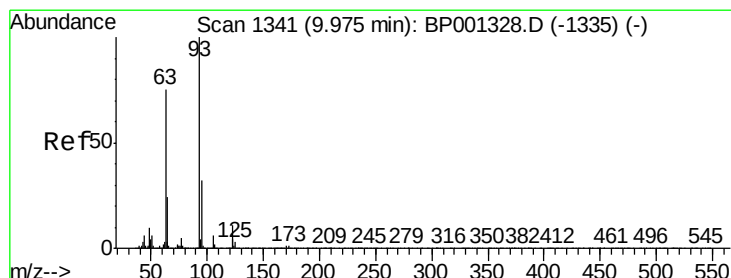
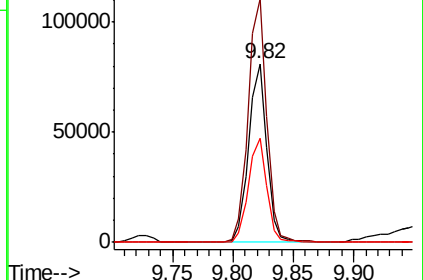
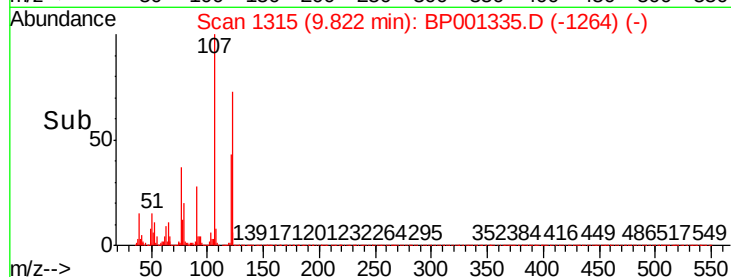
121 58.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

150000 Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.691 ng

RT: 9.98 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

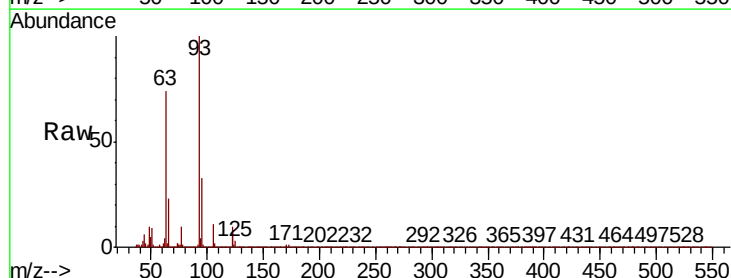
Tgt Ion: 93 Resp: 157435

Ion Ratio Lower Upper

93 100

95 33.1 25.4 38.0

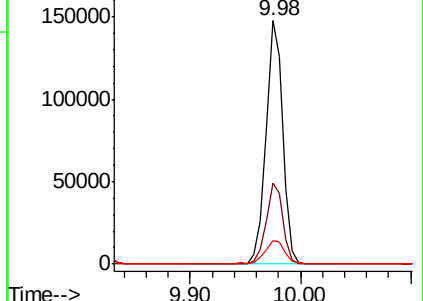
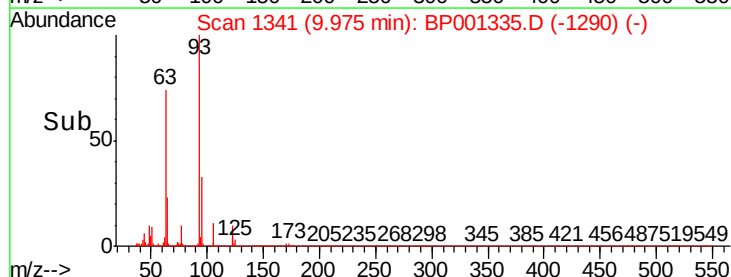
123 9.6 8.8 13.2

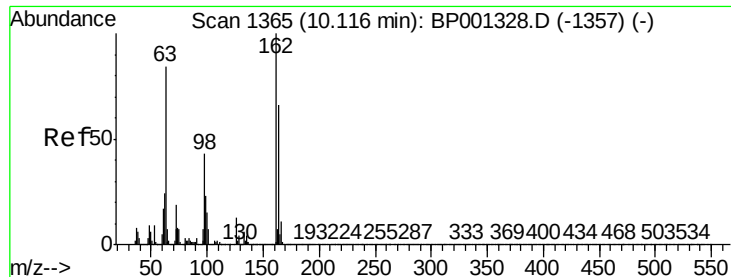


Abundance Ion 93.00 (92.70 to 93.70): BP0

200000 Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

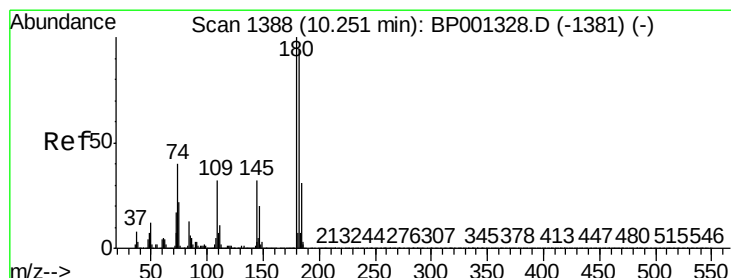
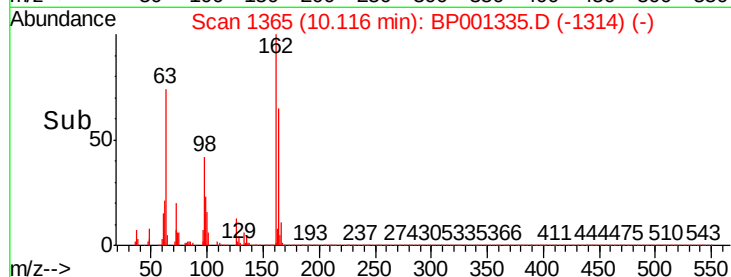
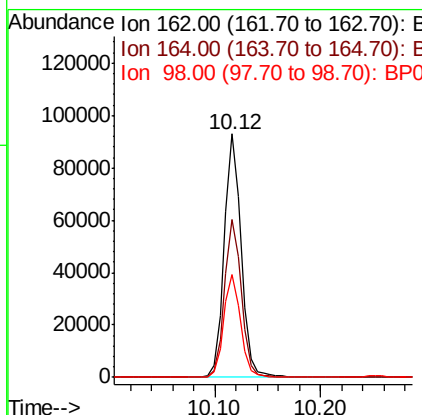
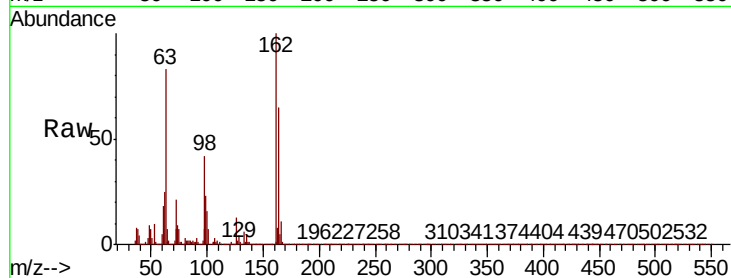




#29
2,4-Dichlorophenol
Concen: 37.528 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

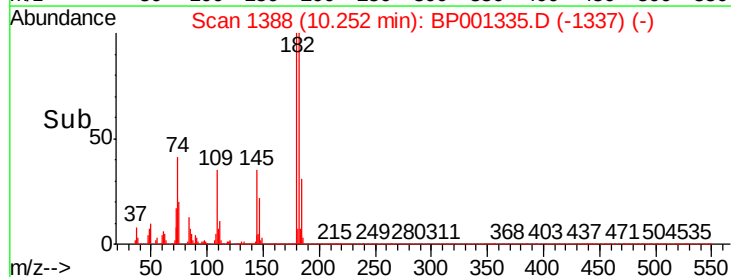
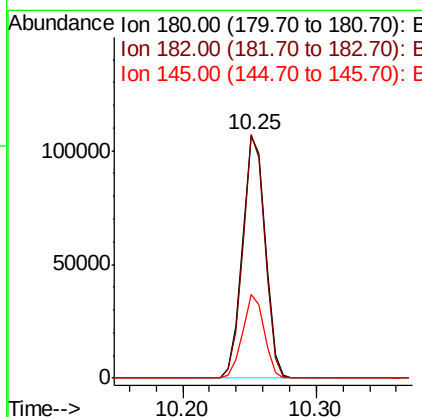
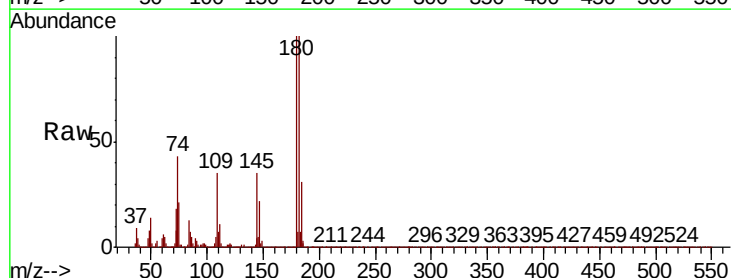
Instrument :
BNA_P
ClientSampleId :

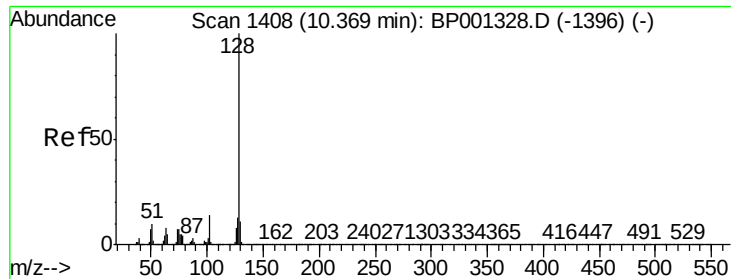
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.9	85.9
98	42.1	23.2	63.2



#30
1,2,4-Trichlorobenzene
Concen: 36.703 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	75.0	112.6
145	34.6	25.8	38.8

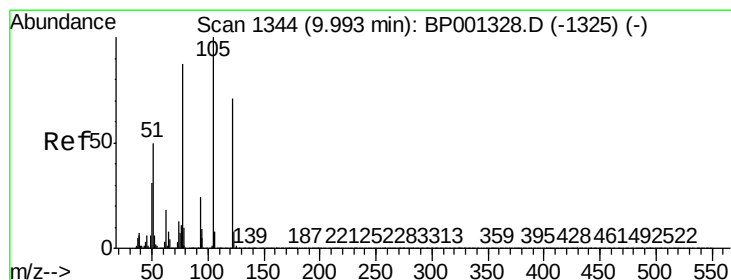
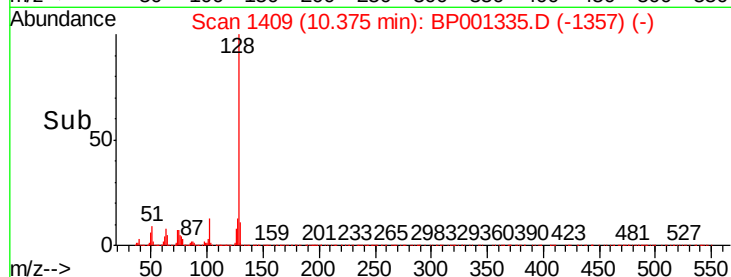
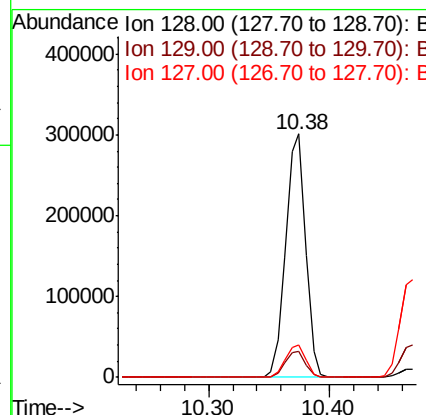
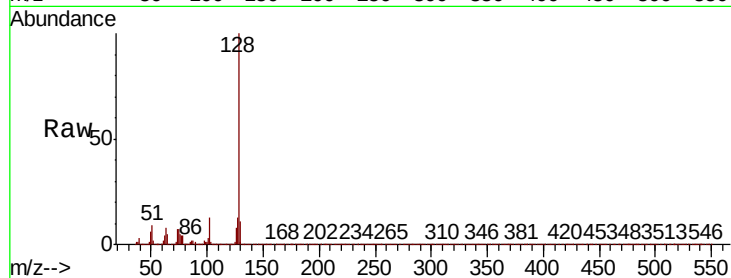




#31
Naphthalene
Concen: 37.514 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

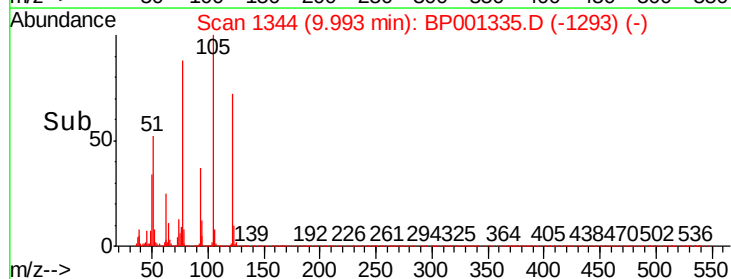
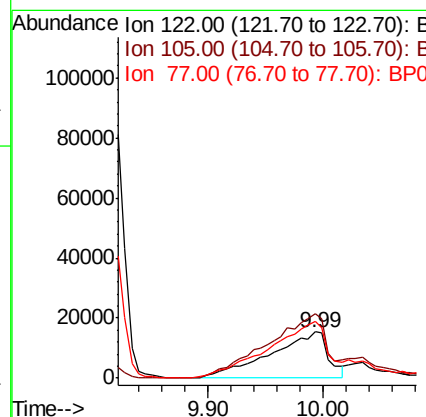
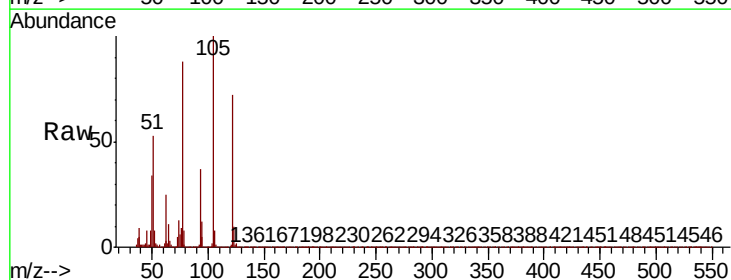
Instrument :
BNA_P
ClientSampleId :

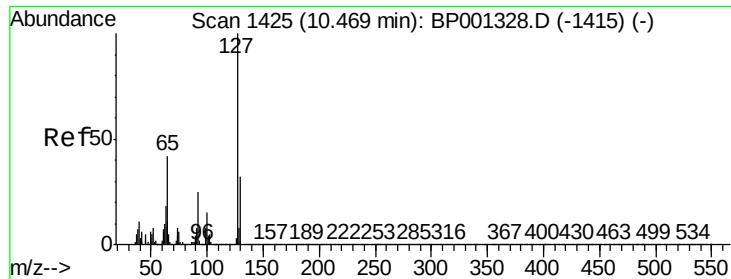
Tot Ion:128 Resp: 342021
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 30.621 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:122 Resp: 51896
Ion Ratio Lower Upper
122 100
105 139.5 118.5 158.5
77 123.1 101.3 141.3

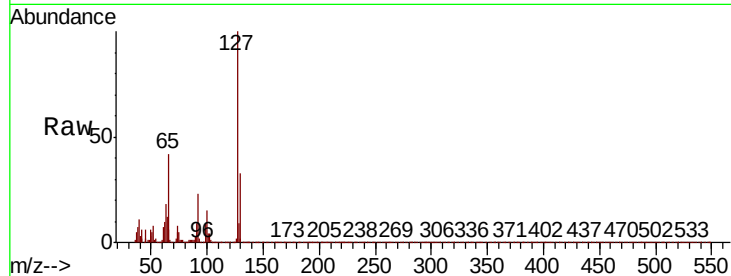




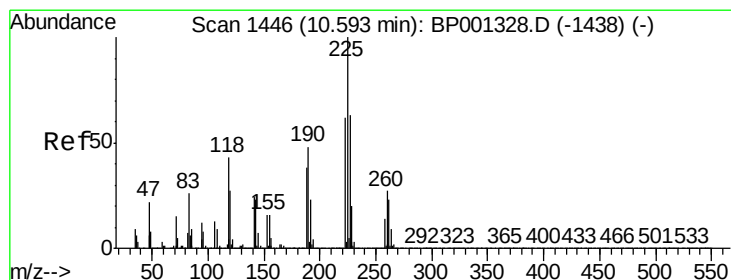
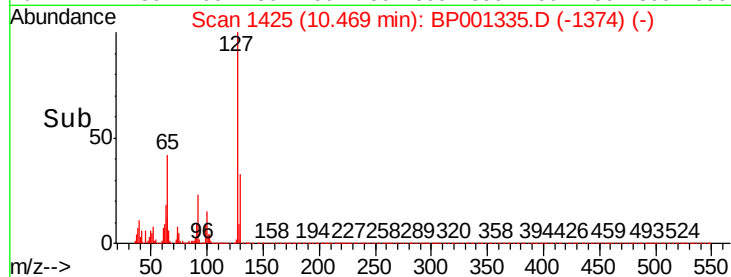
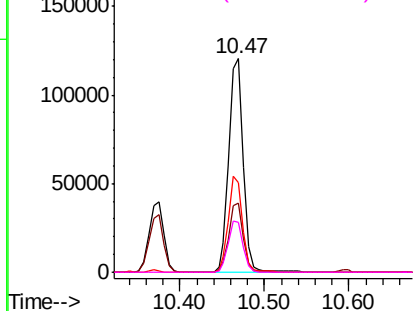
#33
4-Chloroaniline
Concen: 37.890 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	141276
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.2	37.8
65	42.2	33.6	50.4
92	23.3	19.8	29.6

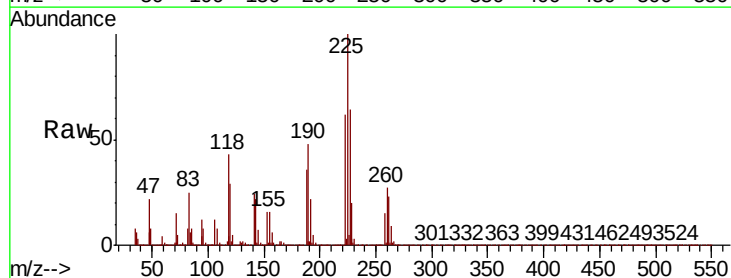


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

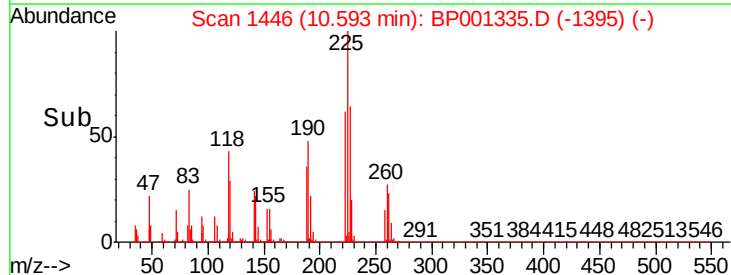
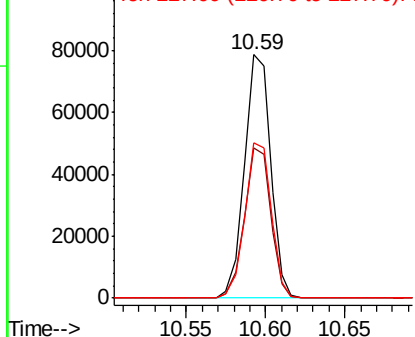


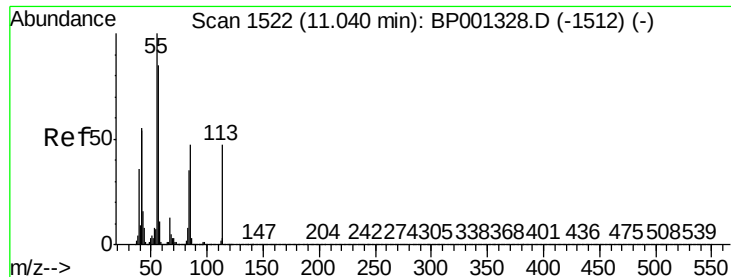
#34
Hexachlorobutadiene
Concen: 37.817 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:	225	Resp:	90193
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.2	73.8
227	63.6	50.3	75.5



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

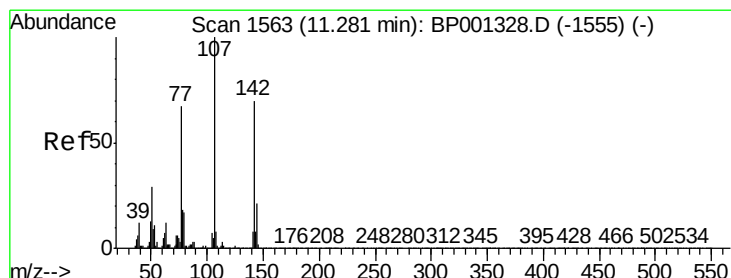
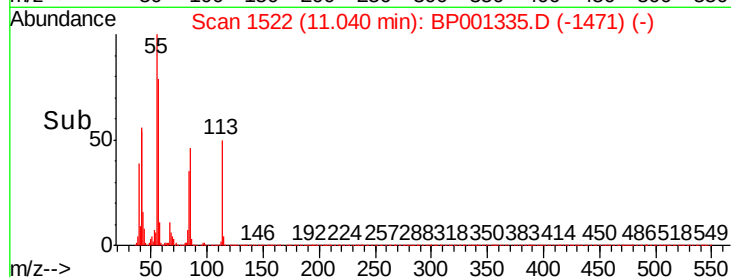
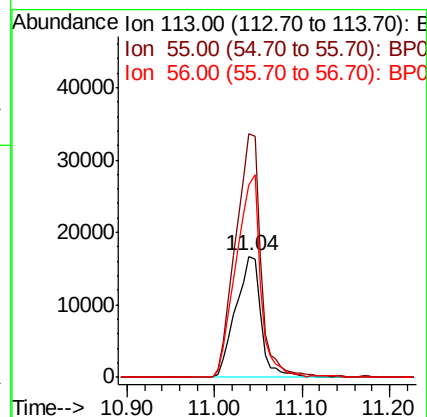
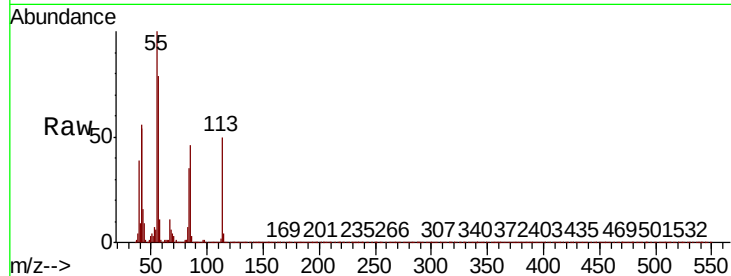




#35
Caprolactam
Concen: 39.379 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

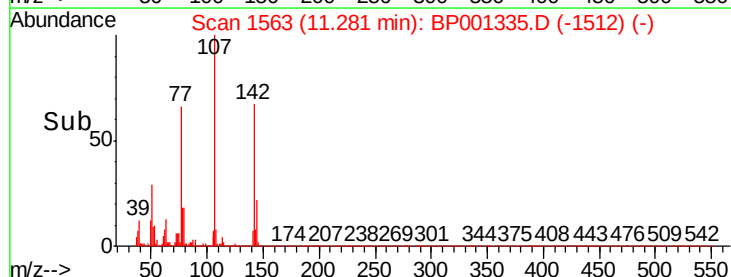
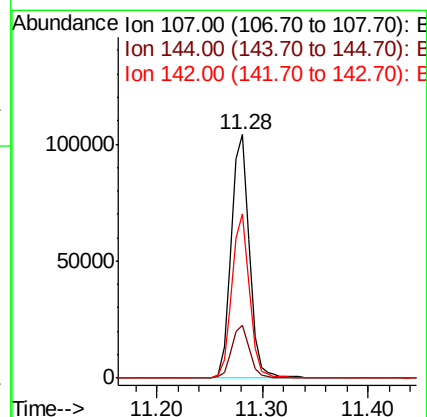
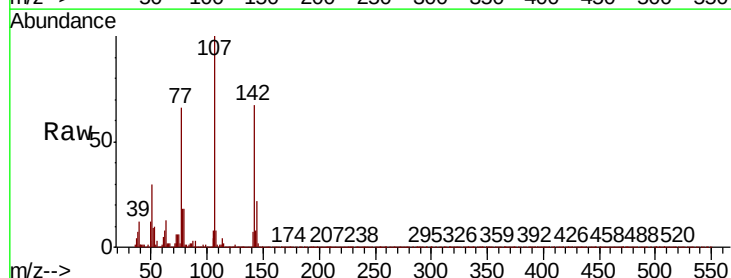
Instrument :
BNA_P
ClientSampleId :

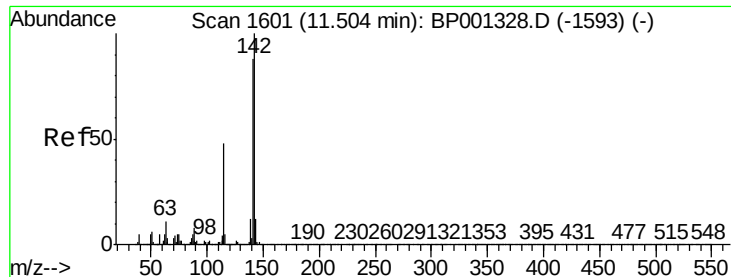
Tot Ion:113 Resp: 32574
Ion Ratio Lower Upper
113 100
55 201.6 191.5 231.5
56 159.3 160.5 200.5#



#36
4-Chloro-3-methylphenol
Concen: 37.866 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:107 Resp: 123013
Ion Ratio Lower Upper
107 100
144 22.0 16.9 25.3
142 67.2 55.9 83.9

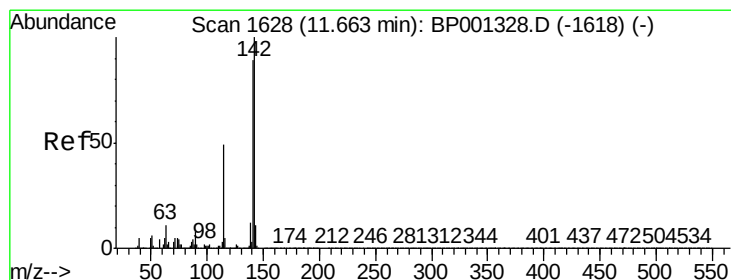
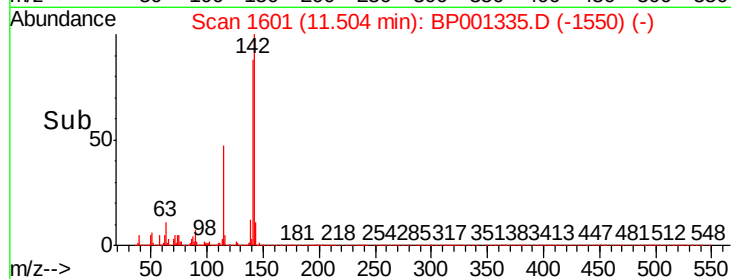
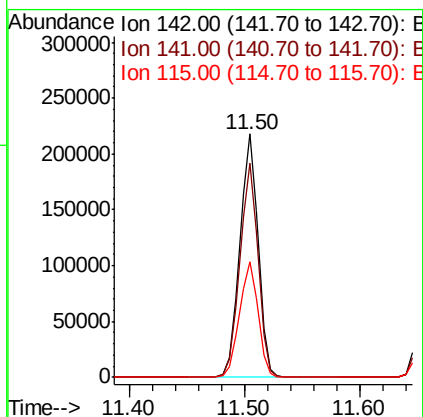
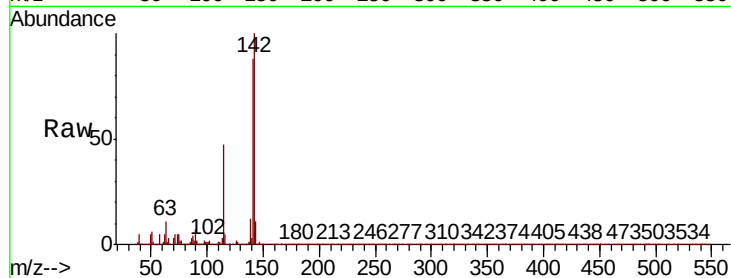




#37
2-Methylnaphthalene
Concen: 37.903 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

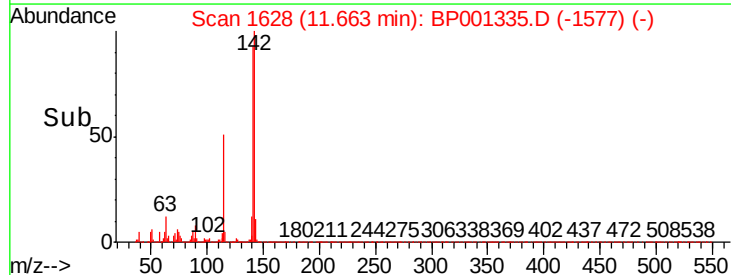
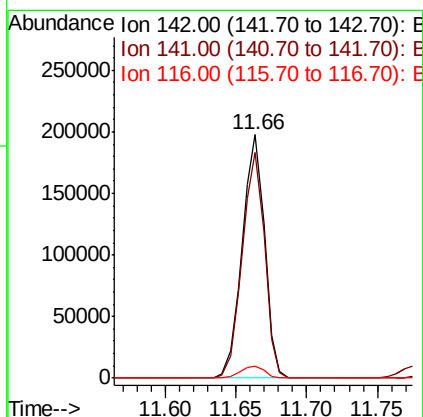
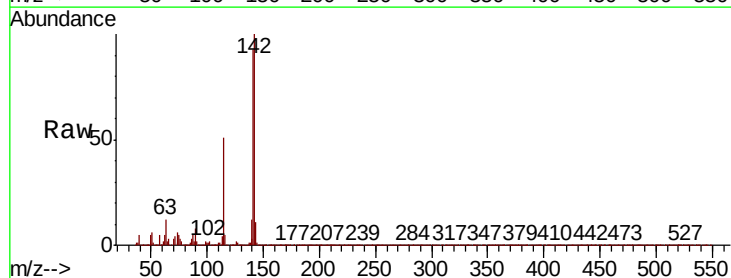
Instrument :
BNA_P
ClientSampleId :

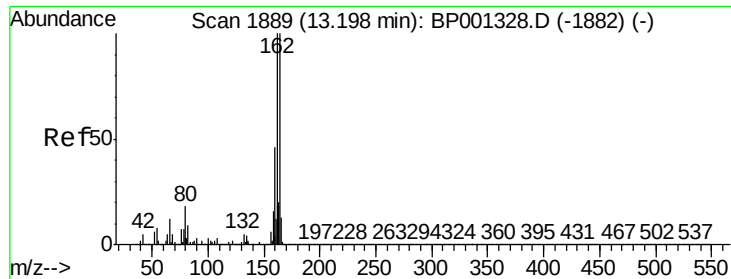
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.4
115	47.4	38.7	58.1



#38
1-Methylnaphthalene
Concen: 36.964 ng
RT: 11.66 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.3	106.9
116	5.1	4.2	6.2

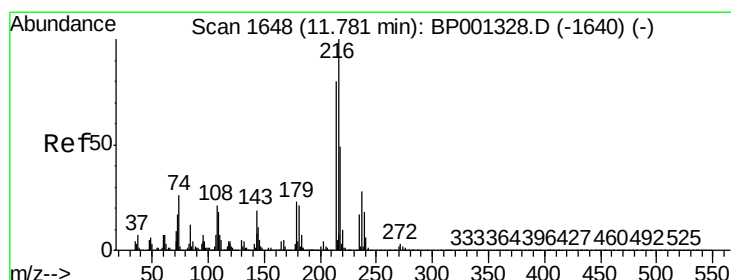
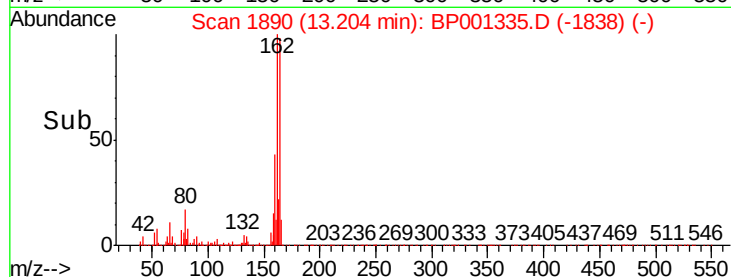
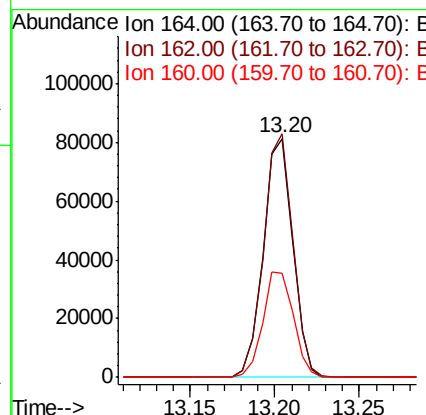
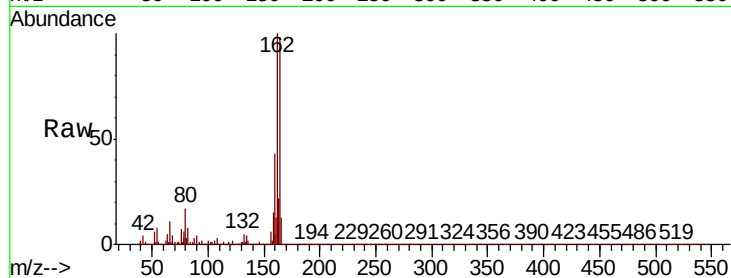




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

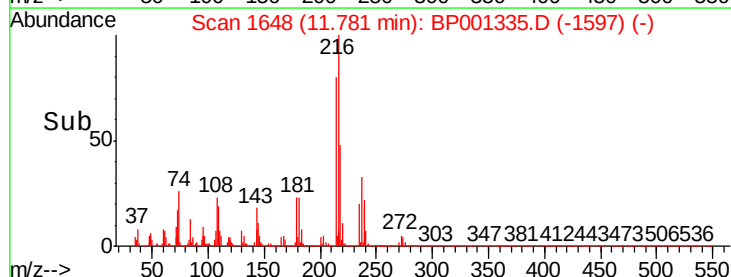
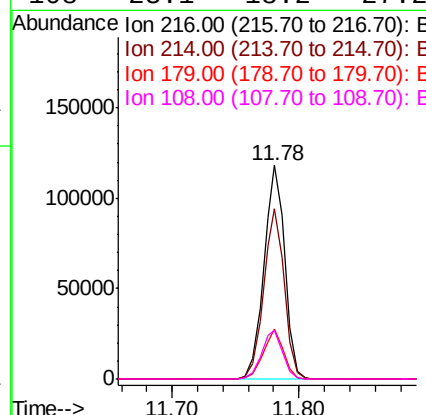
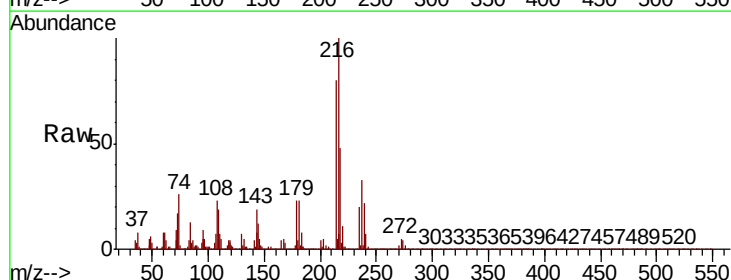
Instrument :
BNA_P
ClientSampleId :

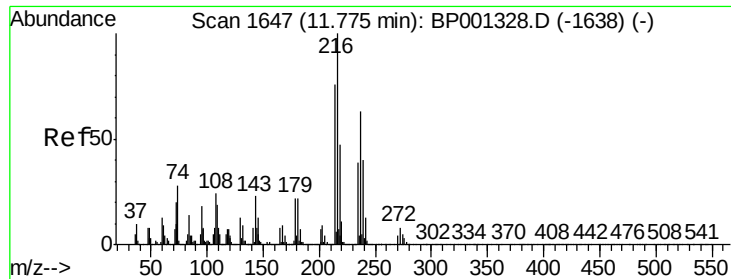
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	43.7	36.6	54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.002 ng
RT: 11.78 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	94.0
179	22.5	18.1	27.1
108	23.1	18.2	27.2

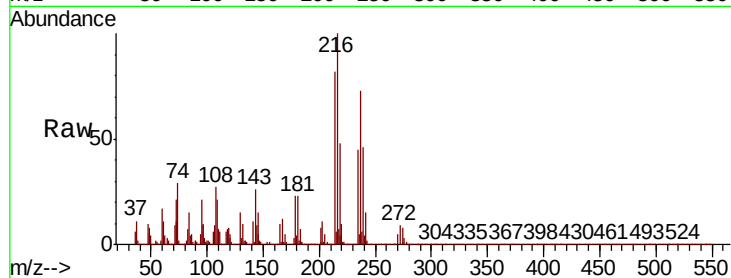




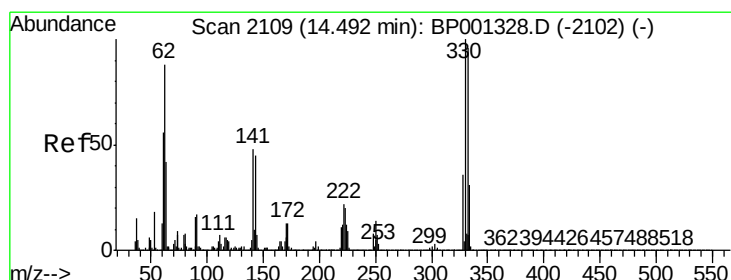
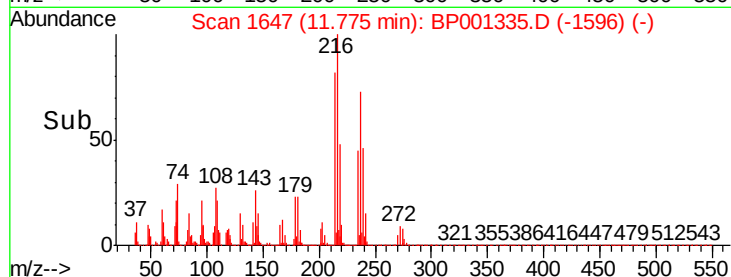
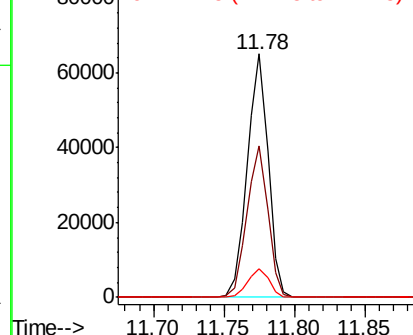
#41
Hexachlorocyclopentadiene
Concen: 37.214 ng
RT: 11.78 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.9	81.9
272	11.9	0.0	32.0

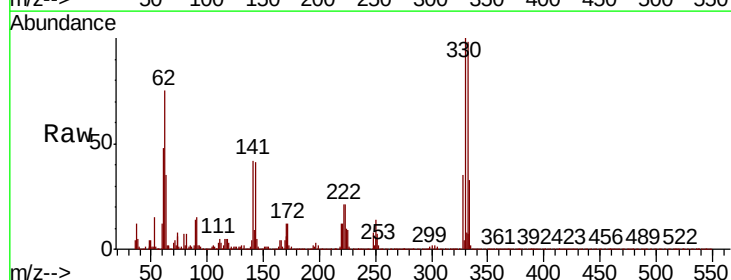


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

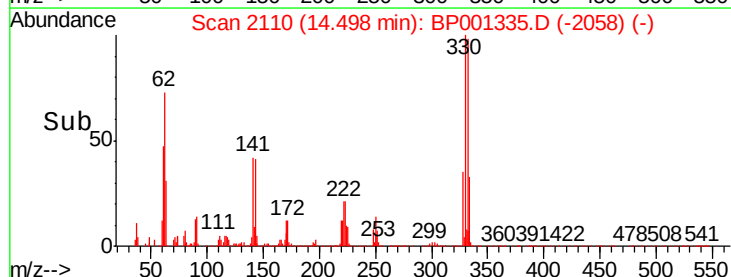
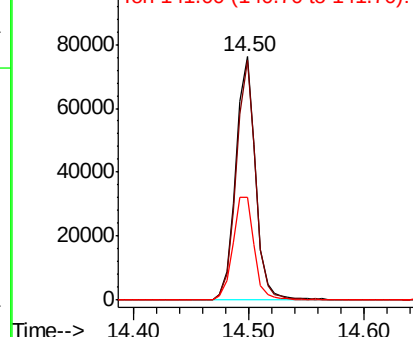


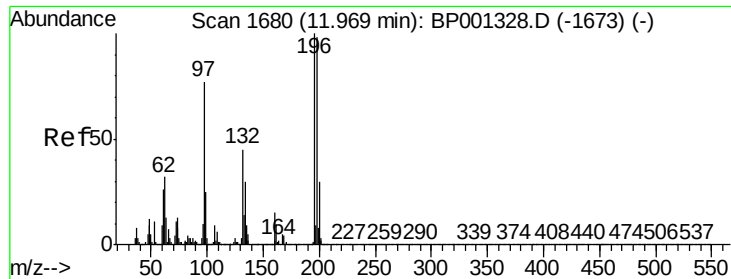
#42
2,4,6-Tribromophenol
Concen: 73.149 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.7	118.1
141	45.8	36.2	54.4



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

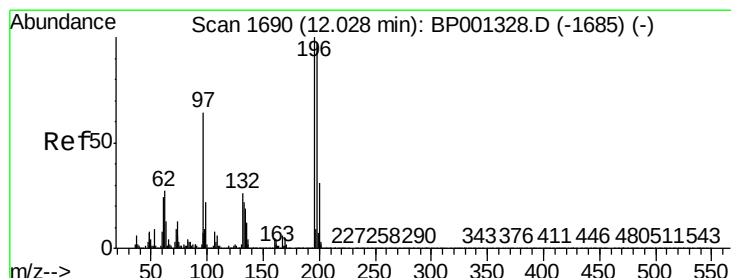
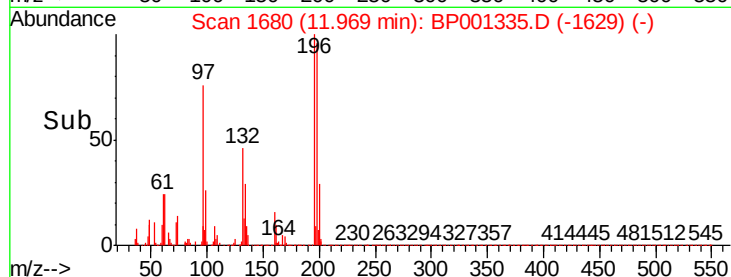
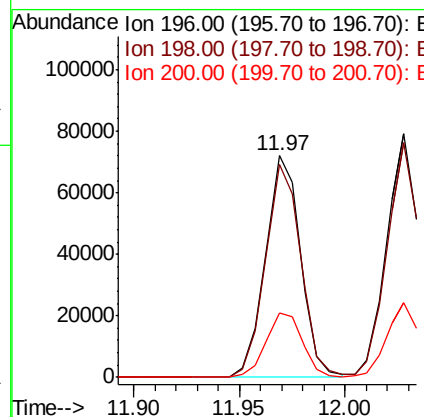
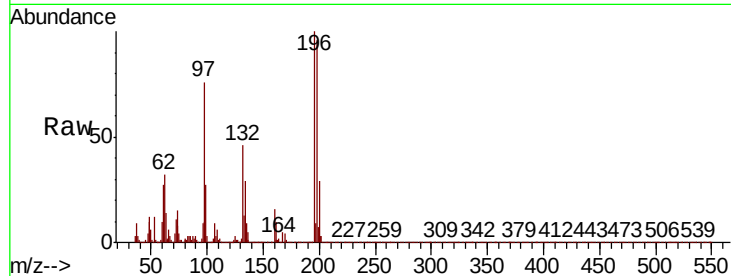




#43
2,4,6-Trichlorophenol
Concen: 37.219 ng
RT: 11.97 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

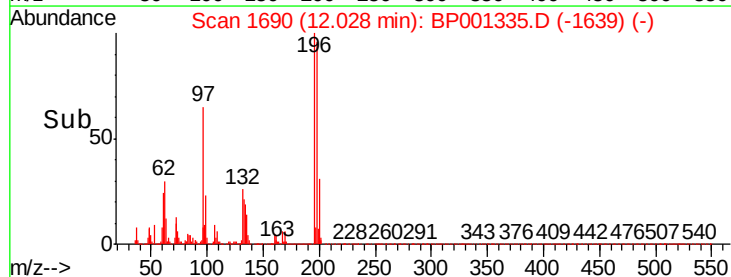
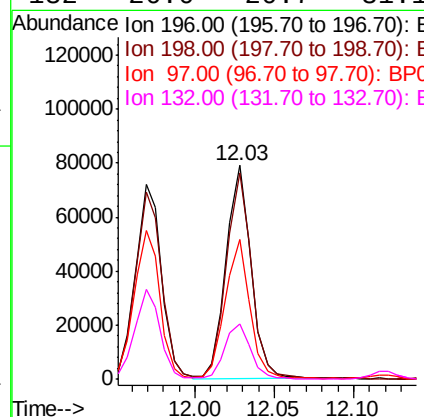
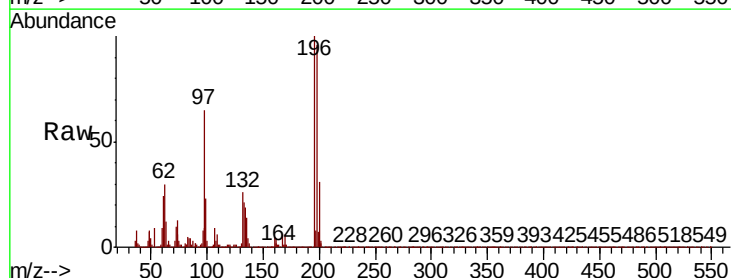
Instrument :
BNA_P
ClientSampleId :

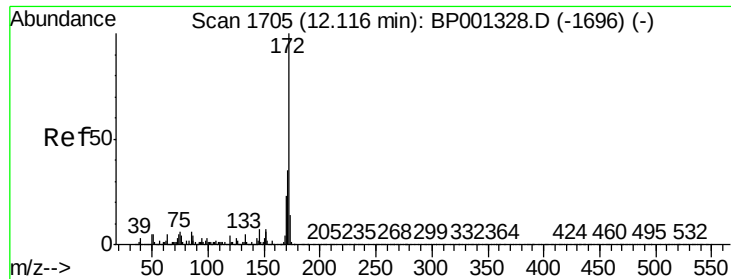
Tot Ion:196 Resp: 83591
Ion Ratio Lower Upper
196 100
198 96.3 78.6 118.0
200 29.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 37.502 ng
RT: 12.03 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:196 Resp: 86539
Ion Ratio Lower Upper
196 100
198 96.4 77.7 116.5
97 65.2 50.7 76.1
132 26.0 20.7 31.1

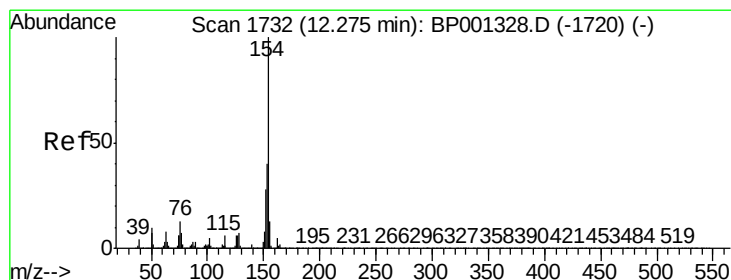
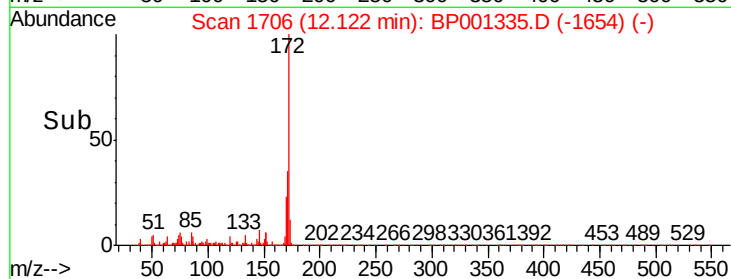
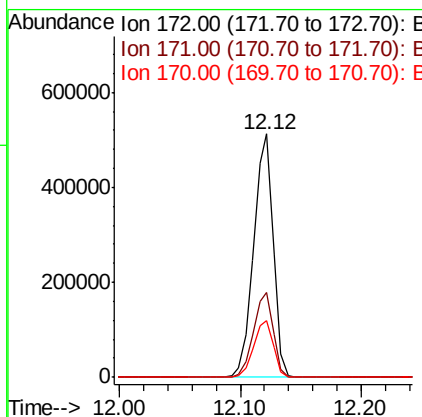
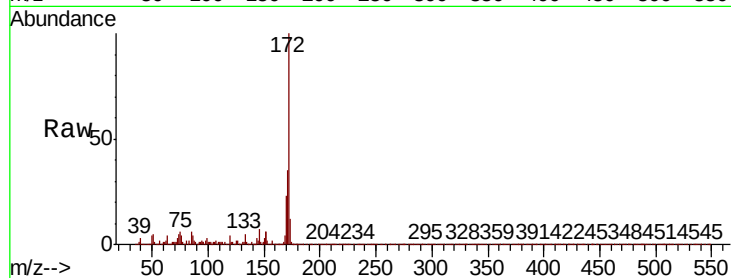




#45
2-Fluorobiphenyl
Concen: 73.859 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

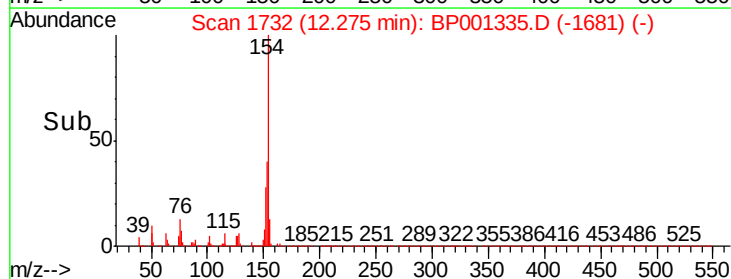
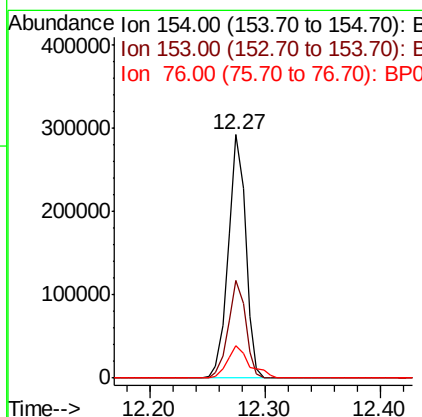
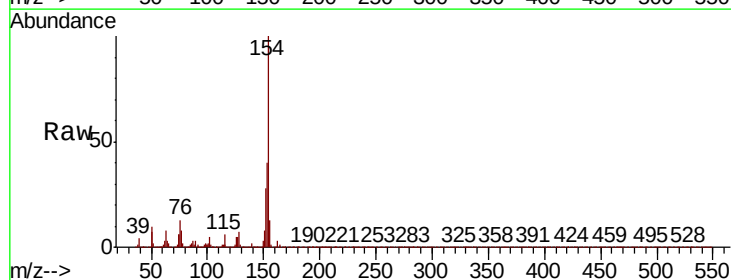
Instrument :
BNA_P
ClientSampleId :

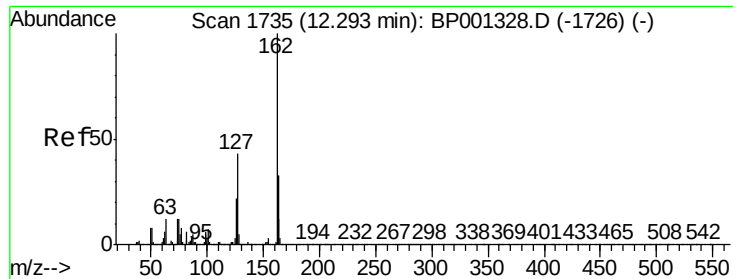
Tot Ion:172 Resp: 576897
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 36.702 ng
RT: 12.27 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:154 Resp: 303343
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 13.3 0.0 33.1

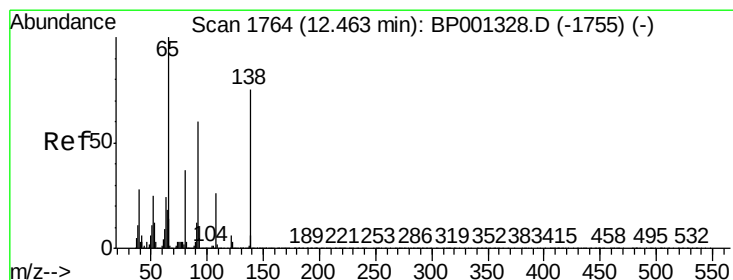
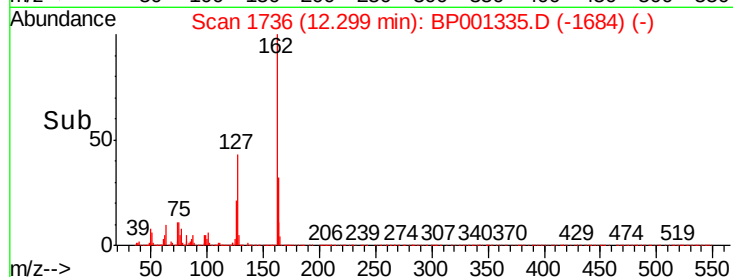
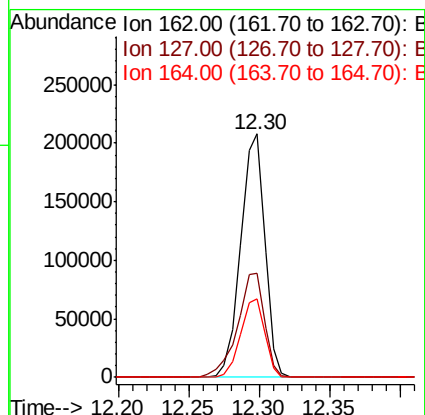
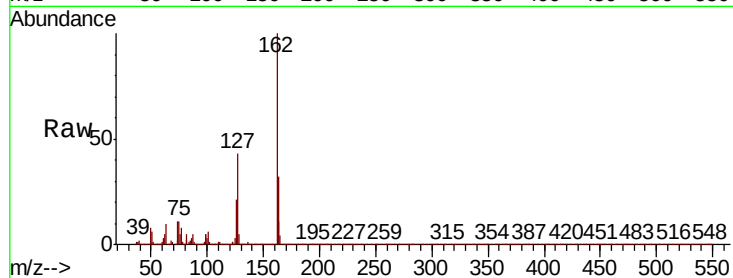




#47
2-Chloronaphthalene
Concen: 37.113 ng
RT: 12.30 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

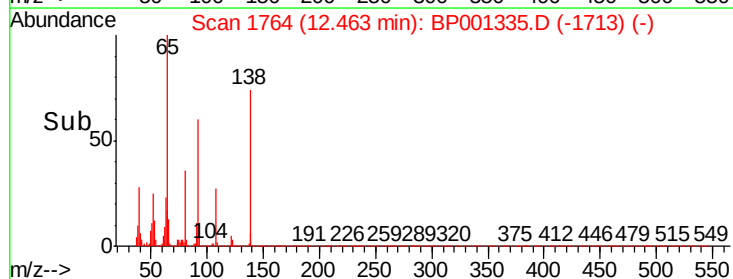
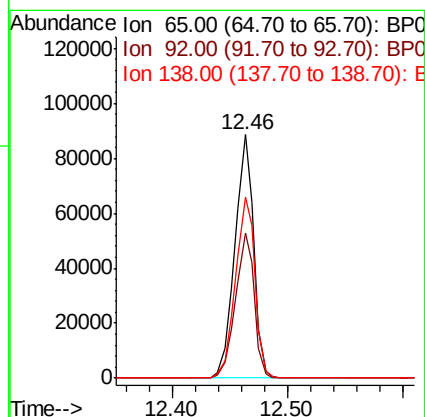
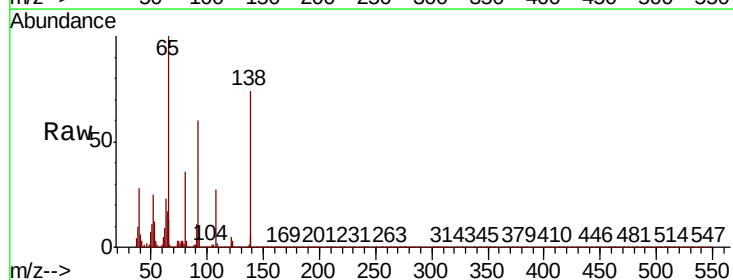
Instrument :
BNA_P
ClientSampled :

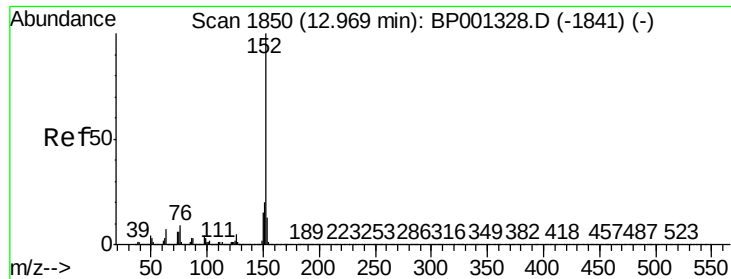
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	34.2	51.4
164	32.1	26.4	39.6



#48
2-Nitroaniline
Concen: 37.225 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.6	48.3	72.5
138	74.1	60.2	90.4





#49

Acenaphthylene

Concen: 37.127 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BP001335.D

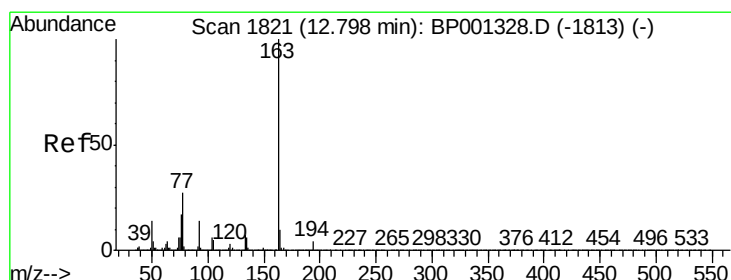
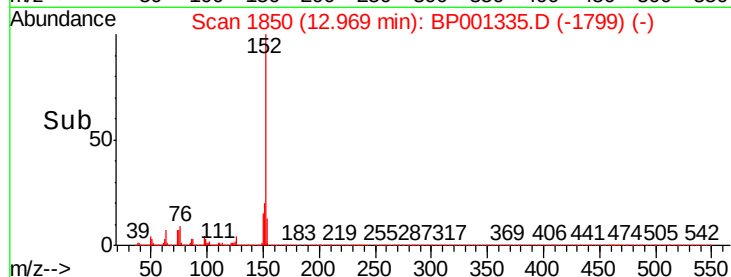
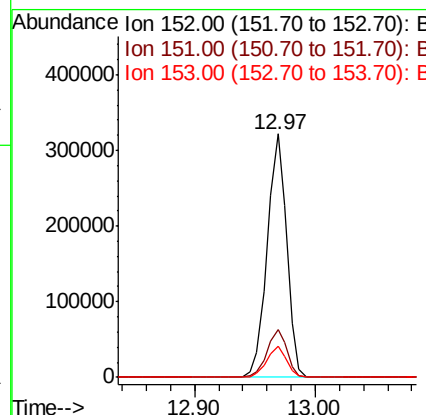
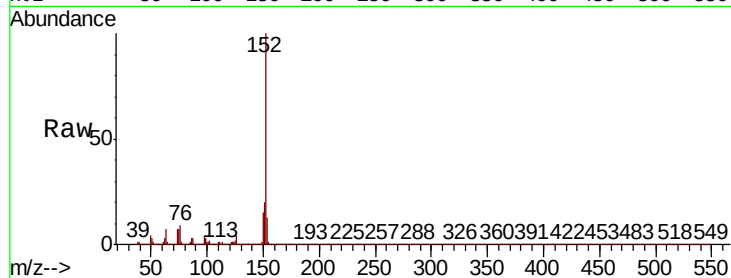
Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	362631
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	12.7	10.4	15.6



#50

Dimethylphthalate

Concen: 37.219 ng

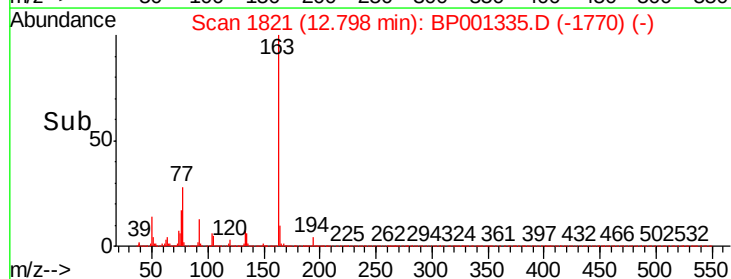
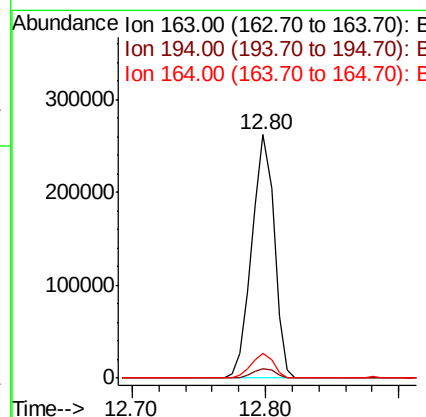
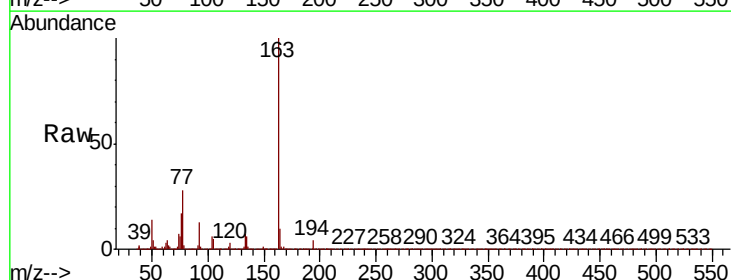
RT: 12.80 min Scan# 1821

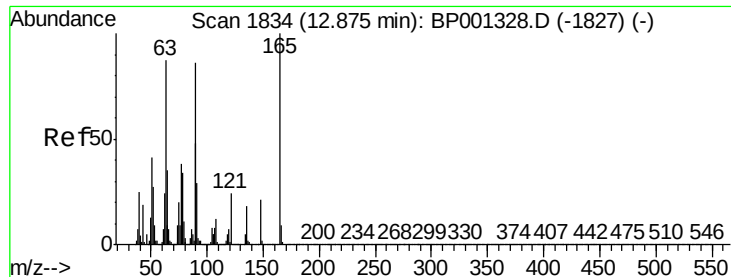
Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Tgt Ion:	163	Resp:	301577
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	9.9	7.9	11.9

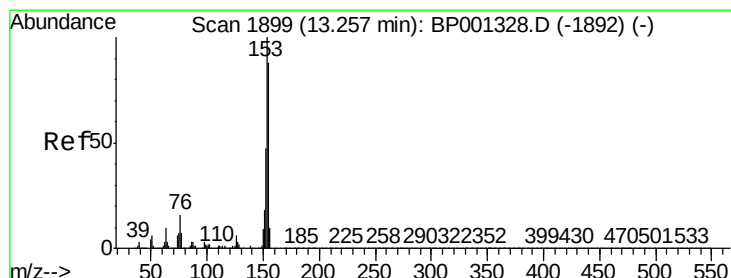
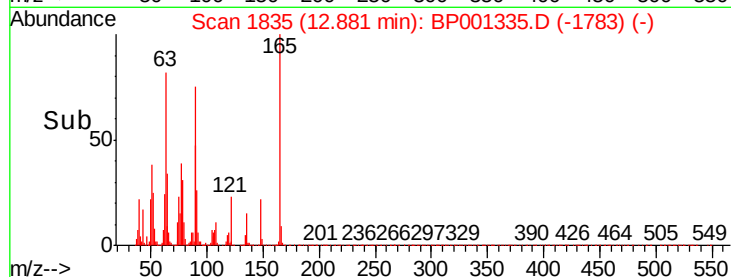
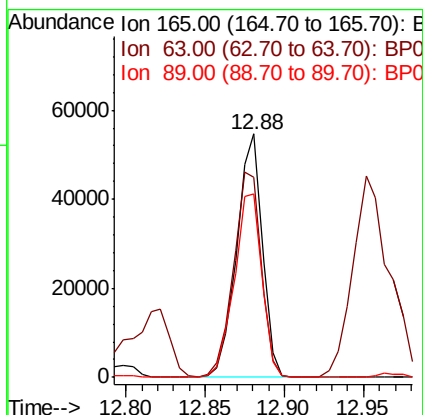
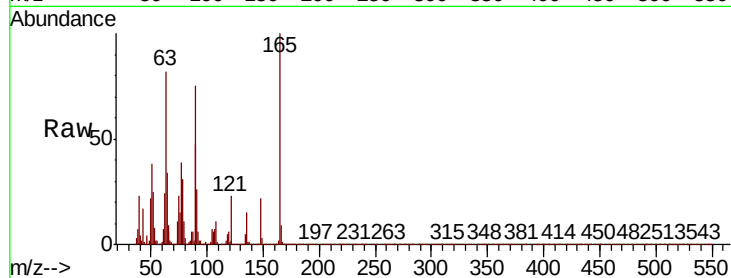




#51
2,6-Dinitrotoluene
Concen: 37.095 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

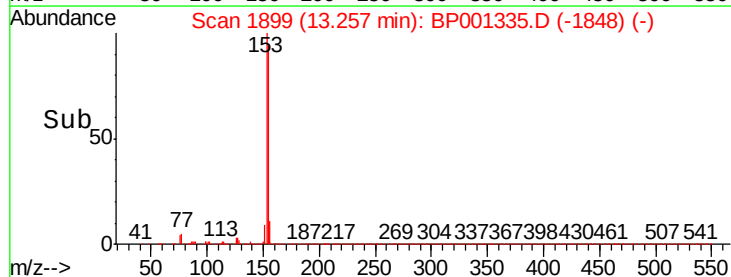
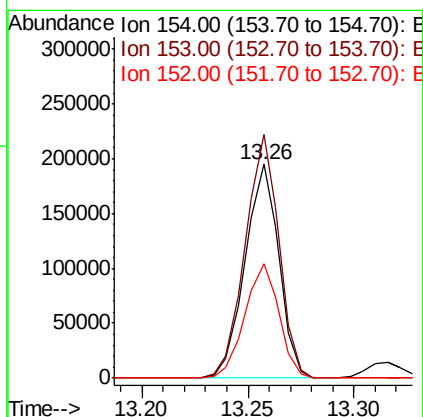
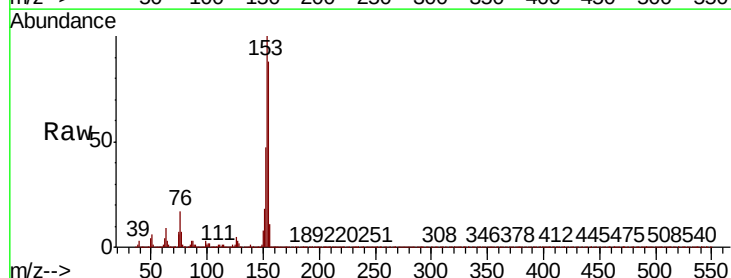
Instrument :
BNA_P
ClientSampleId :

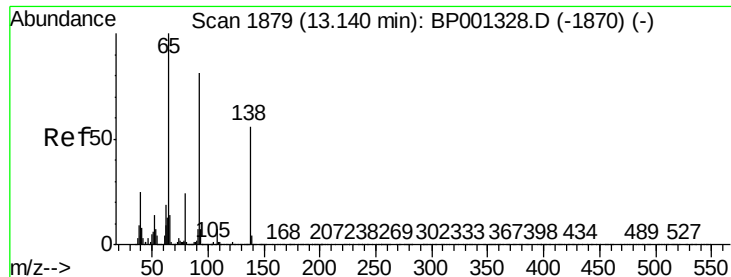
Tot Ion:165 Resp: 61031
Ion Ratio Lower Upper
165 100
63 82.2 71.3 106.9
89 75.1 68.5 102.7



#52
Acenaphthene
Concen: 36.831 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:154 Resp: 216750
Ion Ratio Lower Upper
154 100
153 113.8 90.6 135.8
152 53.6 42.4 63.6

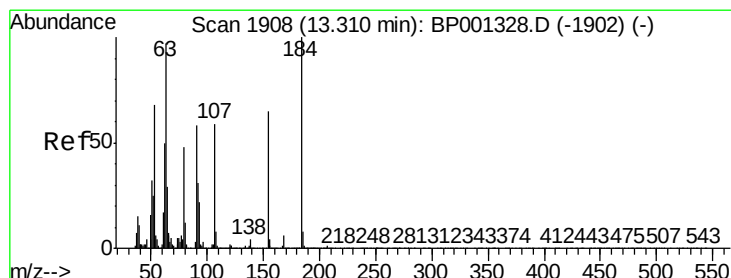
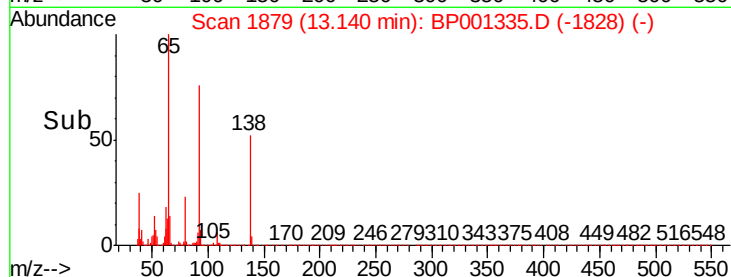
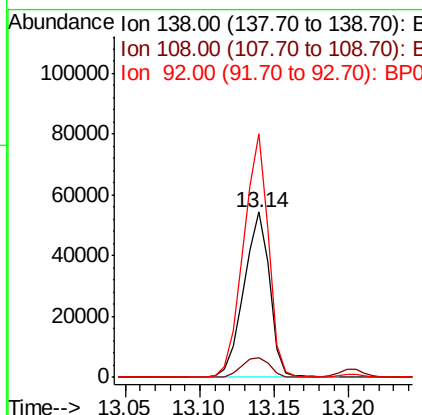
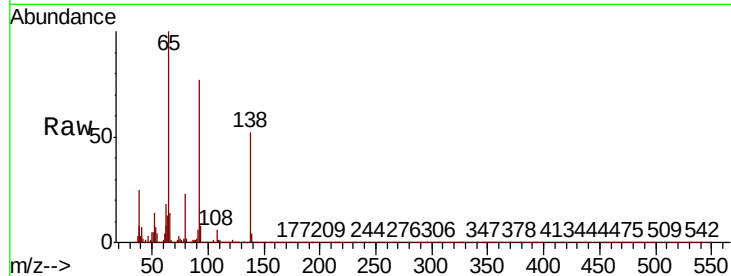




#53
3-Nitroaniline
Concen: 36.820 ng
RT: 13.14 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

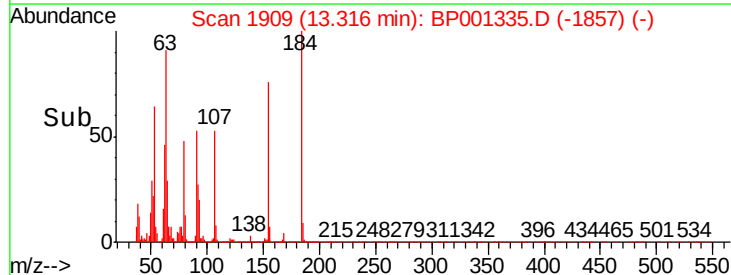
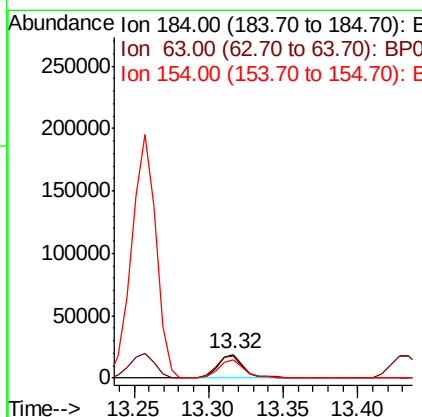
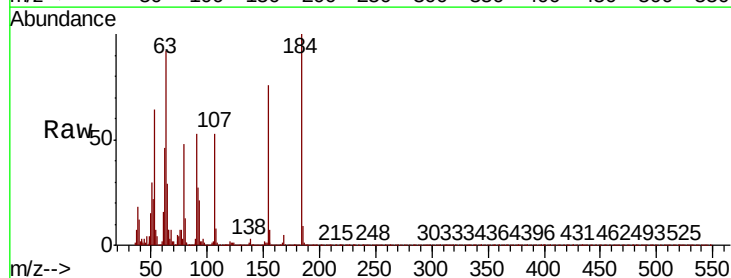
Instrument :
BNA_P
ClientSampleId :

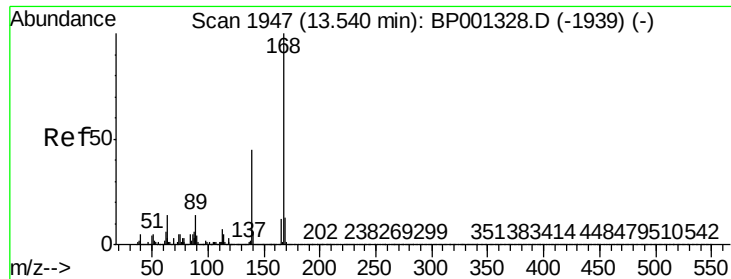
Tot Ion:138 Resp: 65020
Ion Ratio Lower Upper
138 100
108 12.1 10.1 15.1
92 147.5 114.6 172.0



#54
2,4-Dinitrophenol
Concen: 37.062 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:184 Resp: 23546
Ion Ratio Lower Upper
184 100
63 92.0 78.6 117.8
154 76.5 62.2 93.2

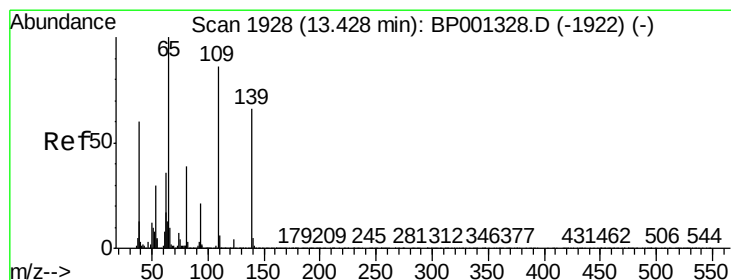
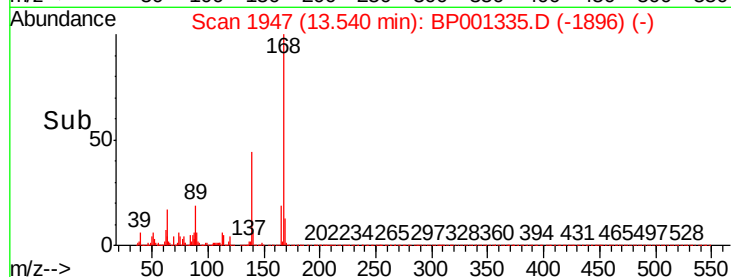
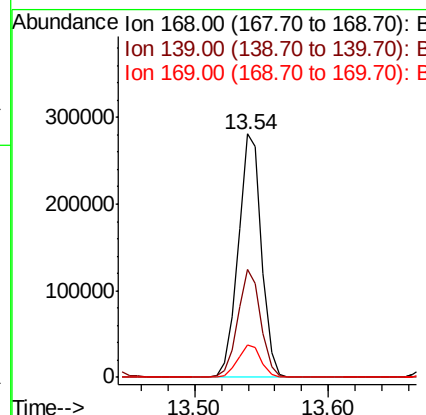
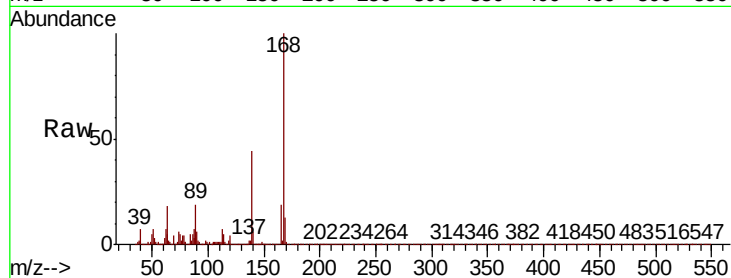




#55
Dibenzofuran
Concen: 36.827 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

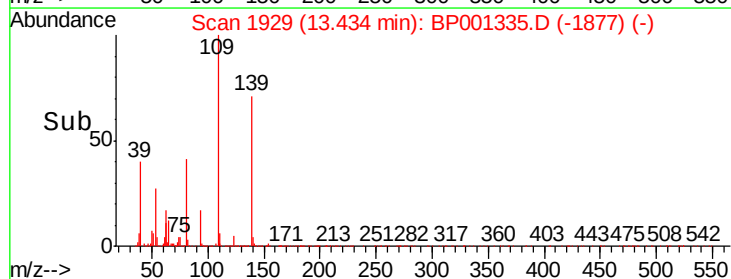
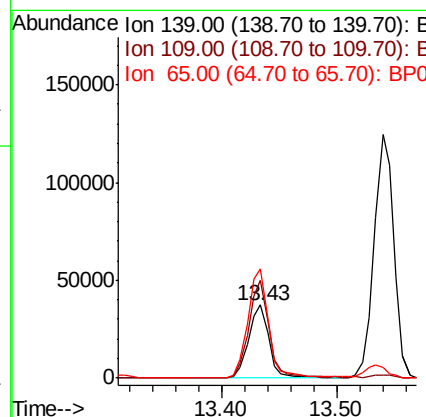
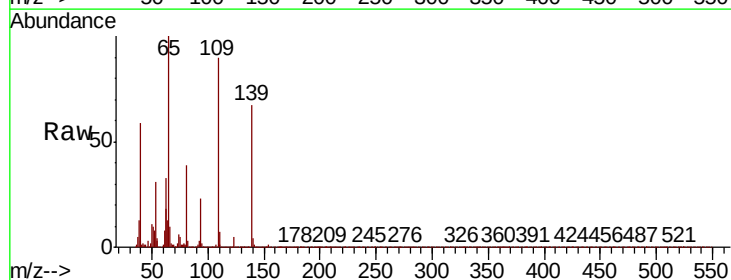
Instrument :
BNA_P
ClientSampleId :

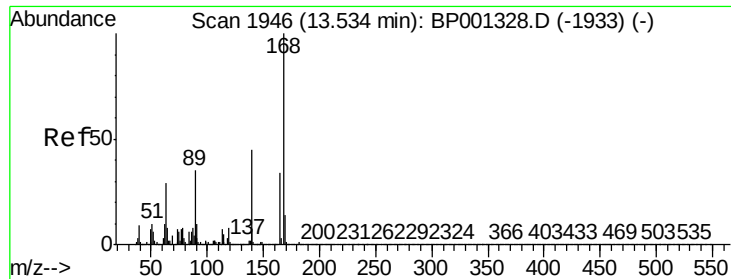
Tot Ion	Ratio	Lower	Upper
168	100		
139	44.3	35.8	53.8
169	13.1	10.5	15.7



#56
4-Nitrophenol
Concen: 36.873 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	134.4	110.1	150.1
65	149.2	131.3	171.3

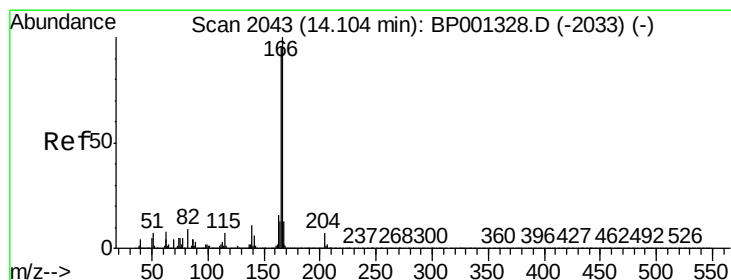
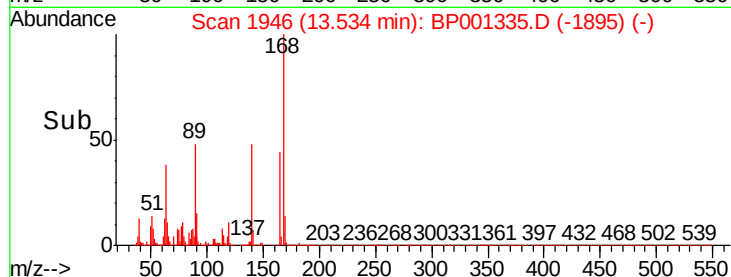
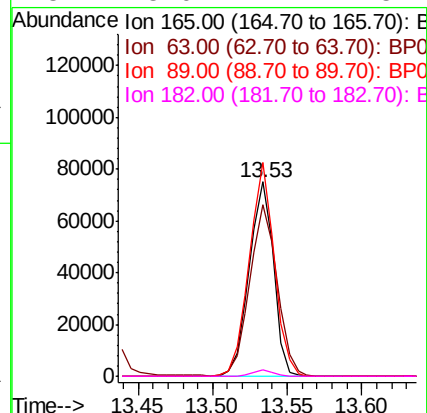
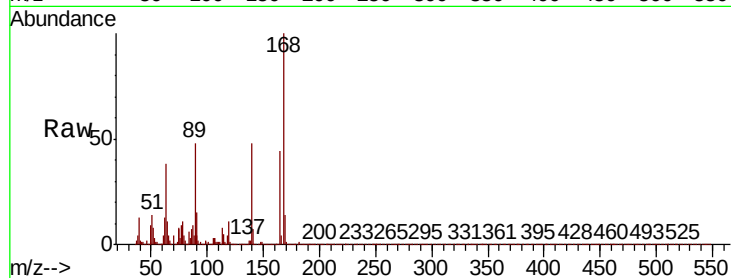




#57
2,4-Dinitrotoluene
Concen: 37.061 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

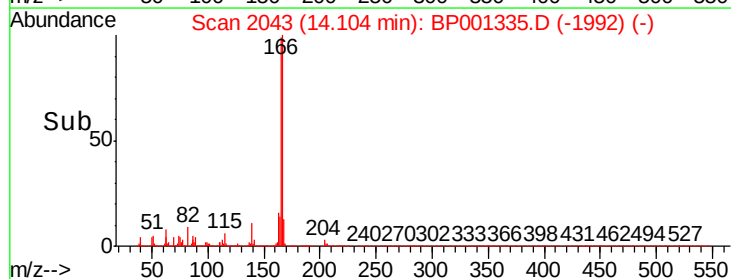
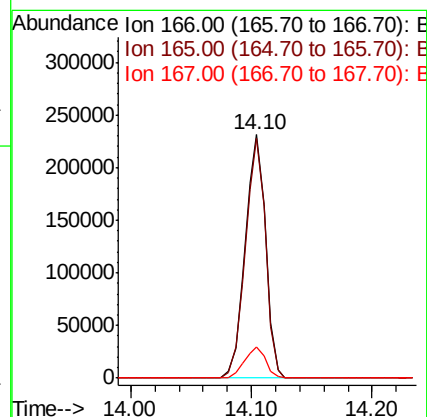
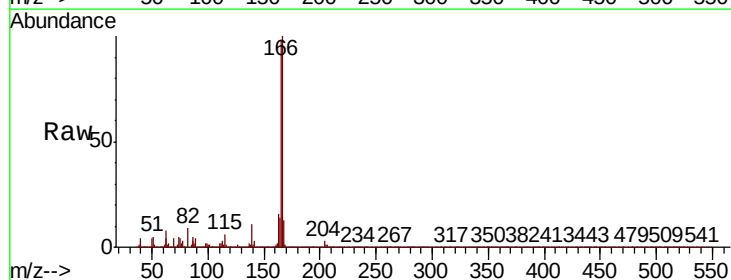
Instrument :
BNA_P
ClientSampleId :

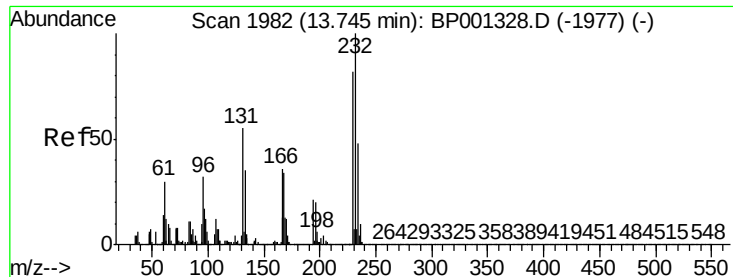
Tot Ion:165 Resp: 84749
Ion Ratio Lower Upper
165 100
63 88.2 67.6 101.4
89 109.8 81.3 121.9
182 3.0 2.2 3.2



#58
Fluorene
Concen: 37.035 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:166 Resp: 273132
Ion Ratio Lower Upper
166 100
165 98.5 76.9 115.3
167 12.9 10.3 15.5

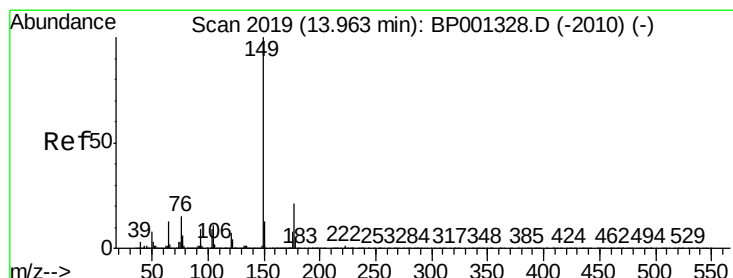
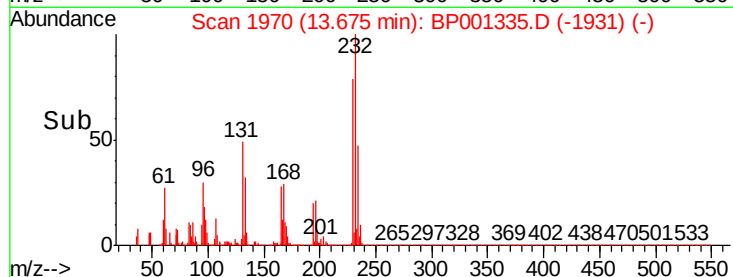
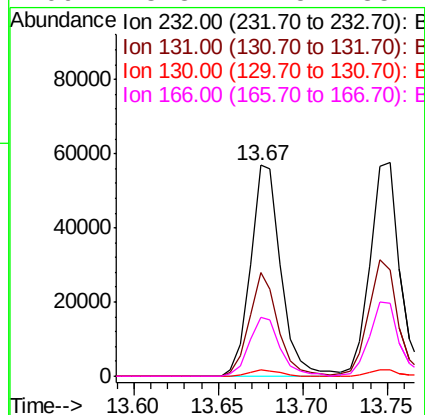
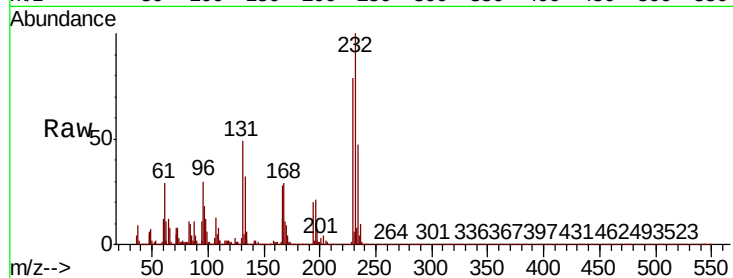




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.252 ng
RT: 13.67 min Scan# 1970
Delta R.T. -0.07 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

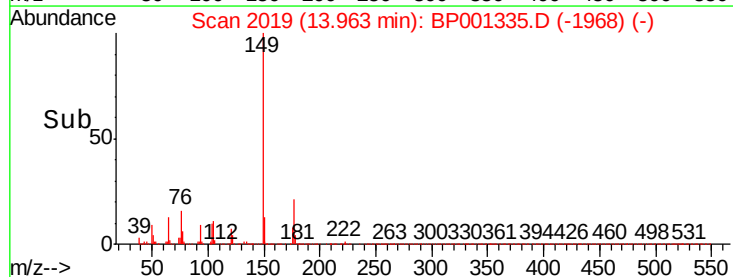
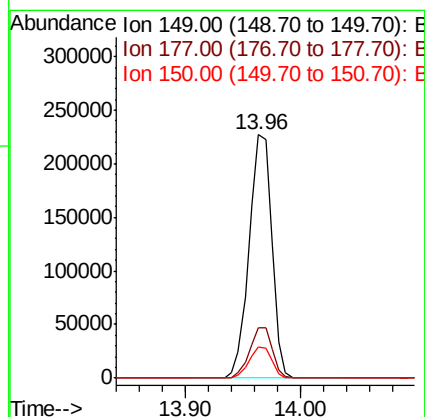
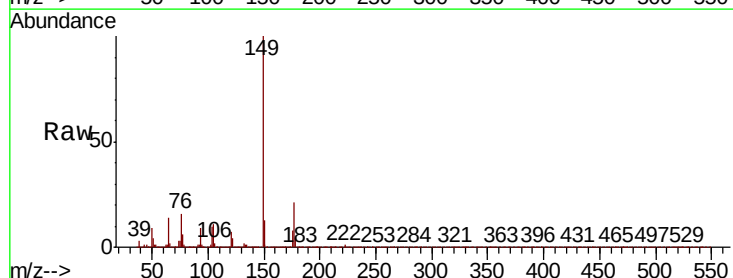
Instrument :
BNA_P
ClientSampleId :

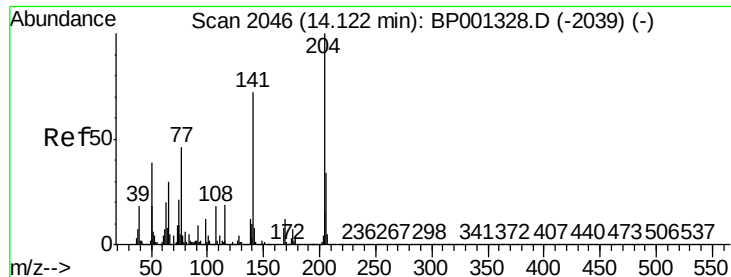
Tot Ion:	232	Resp:	71821
Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.1	54.1
130	3.1	2.5	3.7
166	28.3	22.5	33.7



#60
Diethylphthalate
Concen: 37.182 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:	149	Resp:	310742
Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.9	10.2	15.4

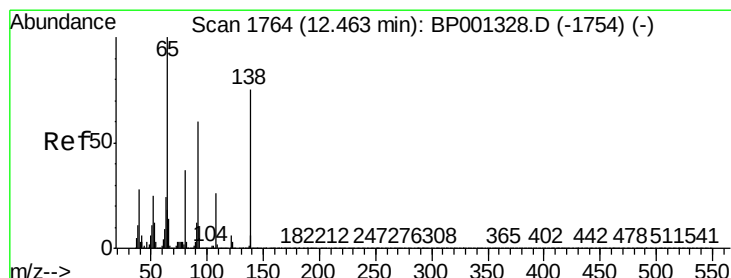
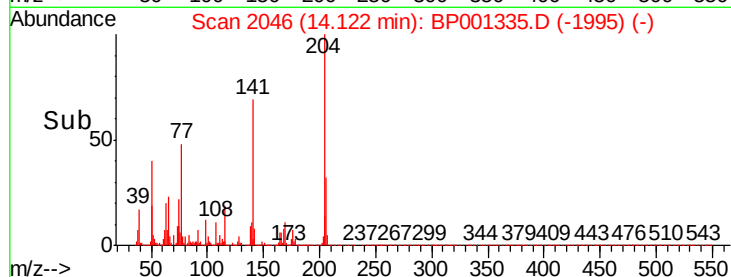
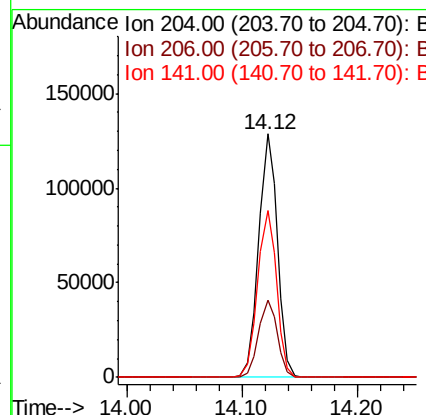
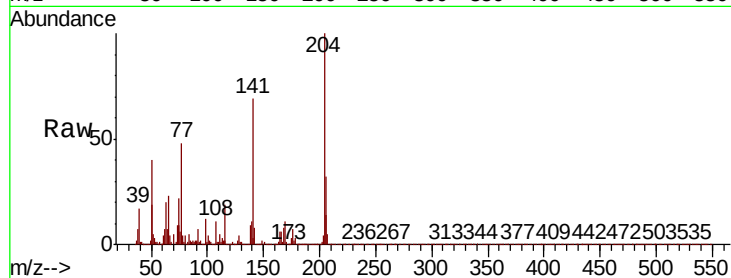




#61
4-Chlorophenyl-phenylether
Concen: 37.464 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

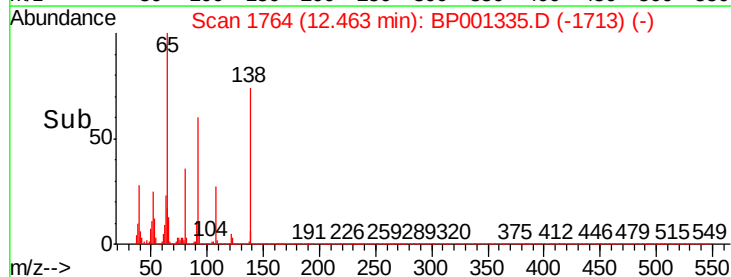
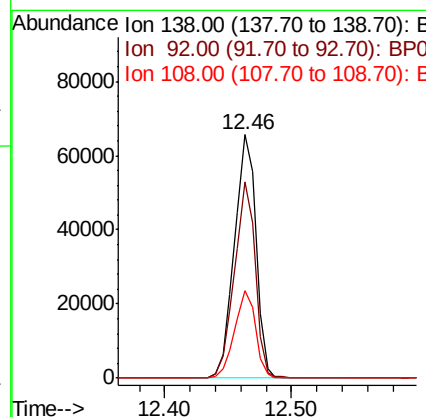
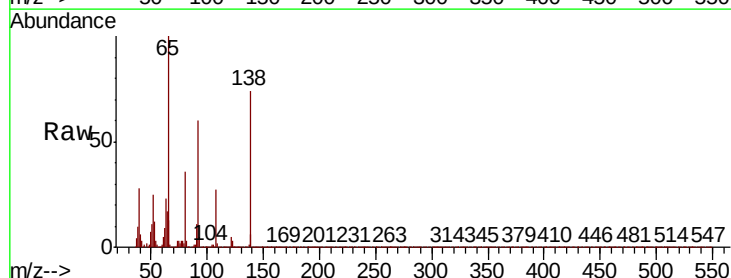
Instrument :
BNA_P
ClientSampleId :

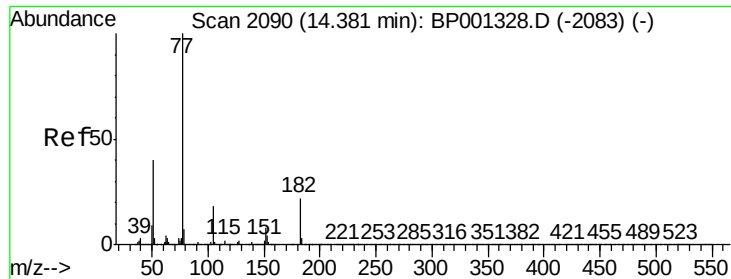
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	27.4	41.0
141	68.7	57.3	85.9



#62
4-Nitroaniline
Concen: 37.529 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	80.4	60.3	100.3
108	36.1	14.5	54.5





#63

Azobenzene

Concen: 37.437 ng

RT: 14.38 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 329384

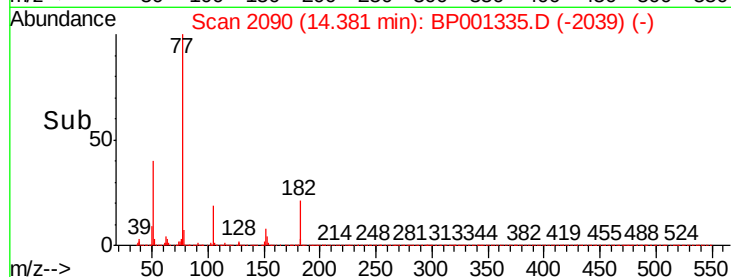
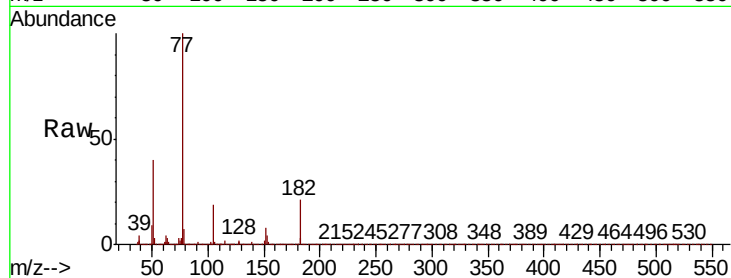
Ion Ratio Lower Upper

77 100

182 20.6 2.0 42.0

105 18.6 0.0 38.1

51 40.2 20.0 60.0

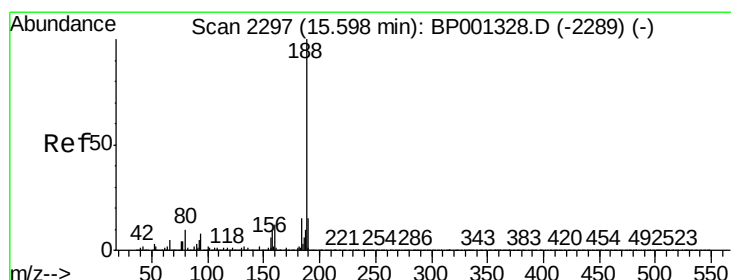
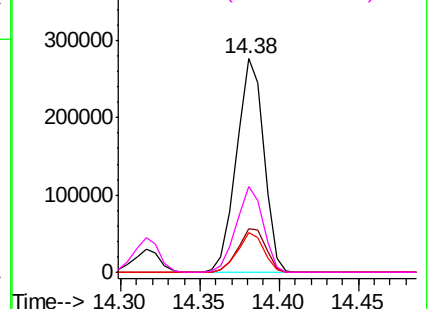


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

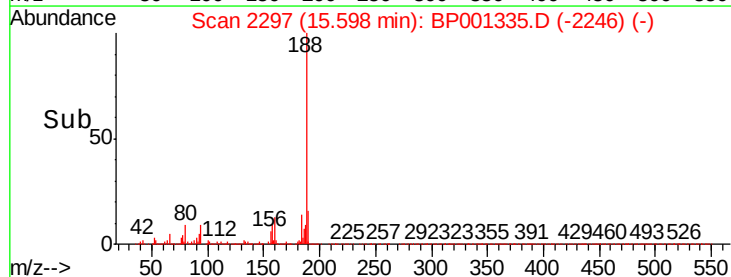
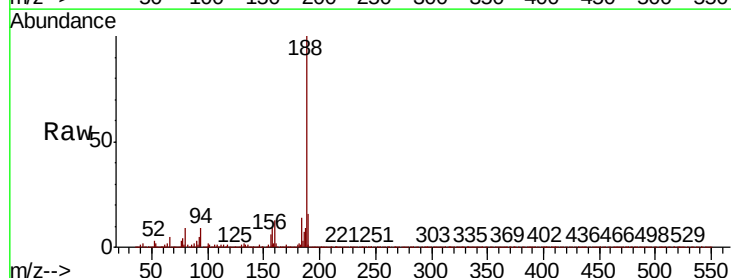
Tgt Ion: 188 Resp: 194589

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

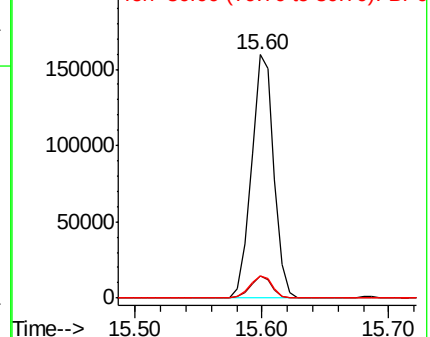
80 9.0 7.8 11.6

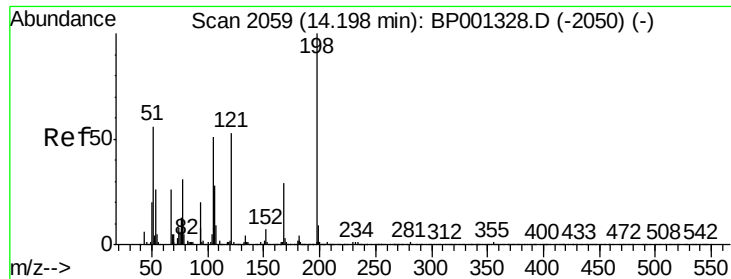


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

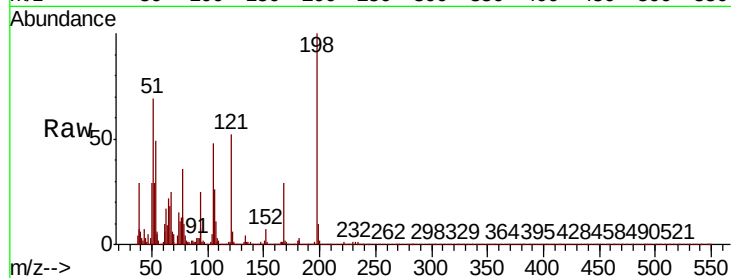




#65
4,6-Dinitro-2-methylphenol
Concen: 35.382 ng
RT: 14.20 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	69.5	47.4	87.4
105	47.6	33.1	73.1

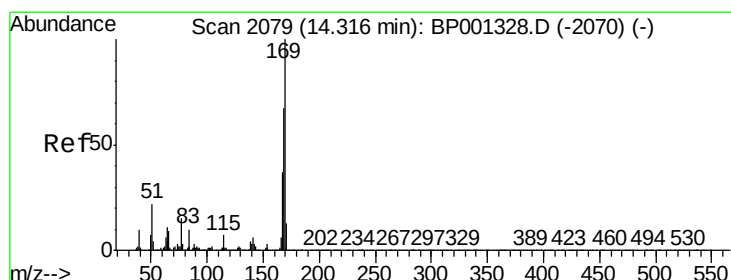
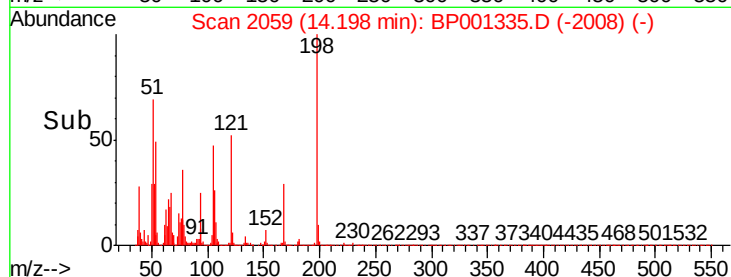
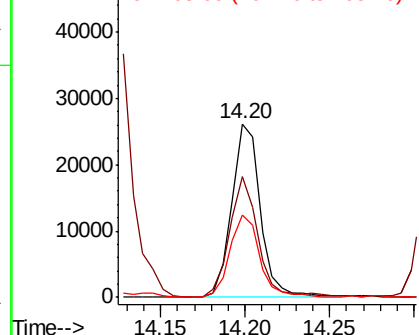


Abundance

Ion 198.00 (197.70 to 198.70): E

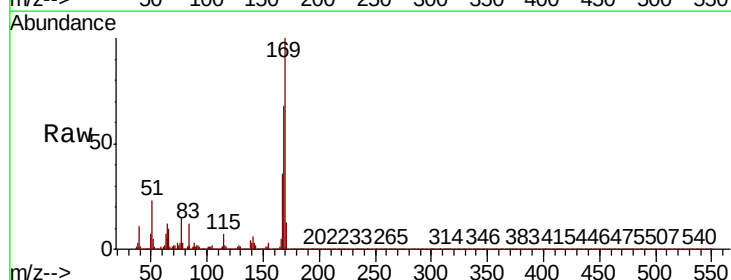
Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 37.160 ng
RT: 14.32 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.4	80.2
167	36.4	29.4	44.0

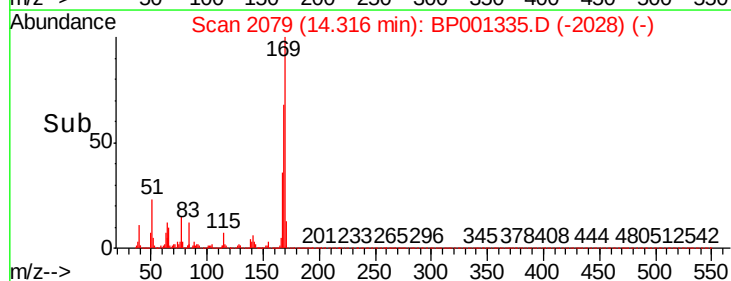
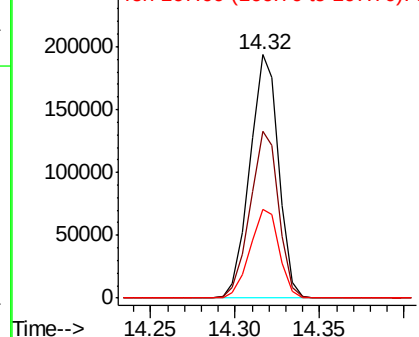


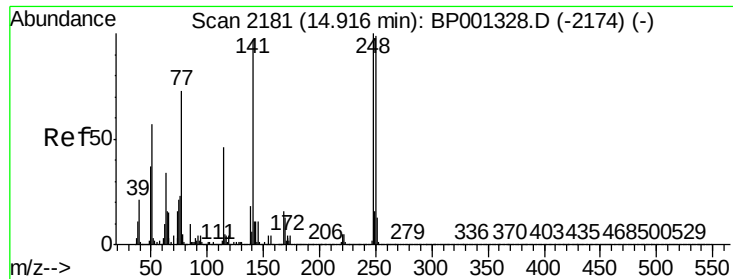
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

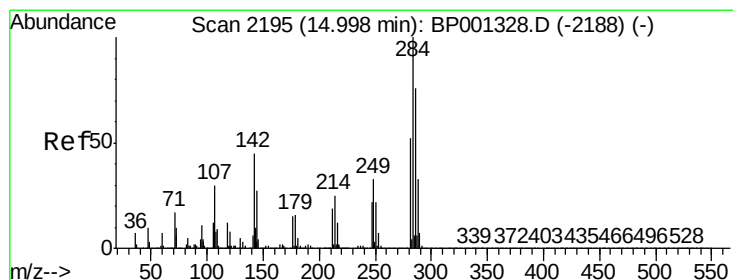
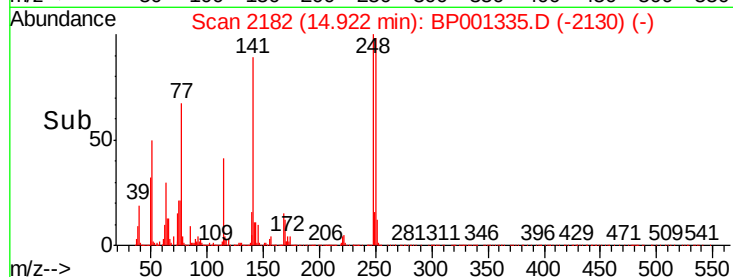
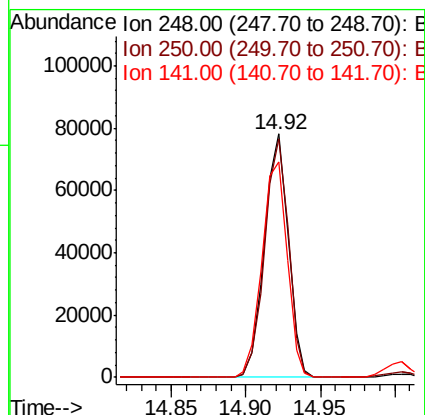
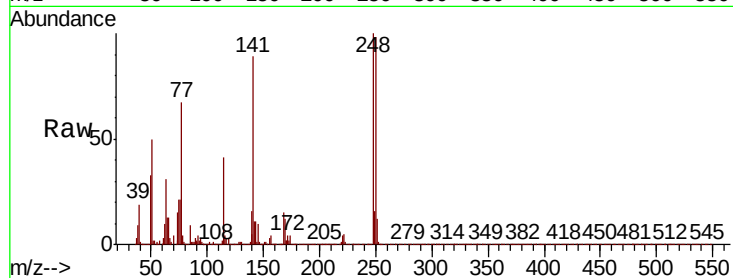




#67
4-Bromophenyl-phenylether
Concen: 37.593 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

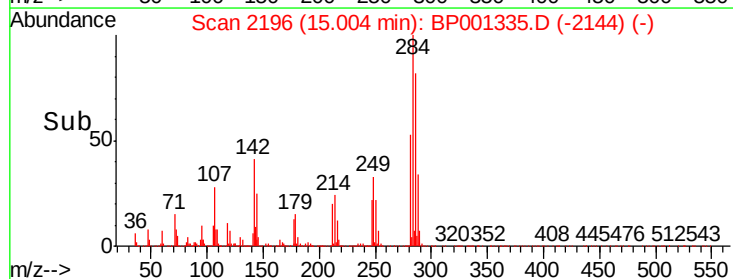
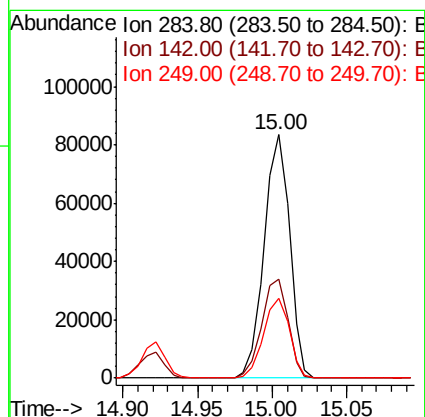
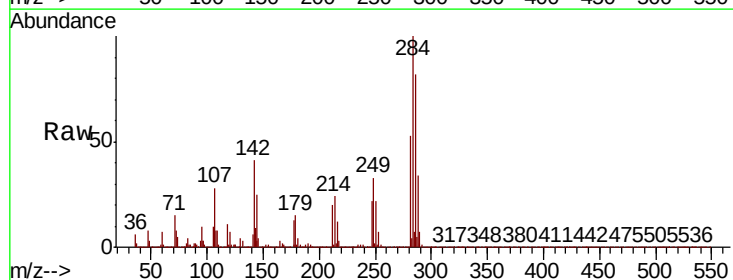
Instrument :
BNA_P
ClientSampleId :

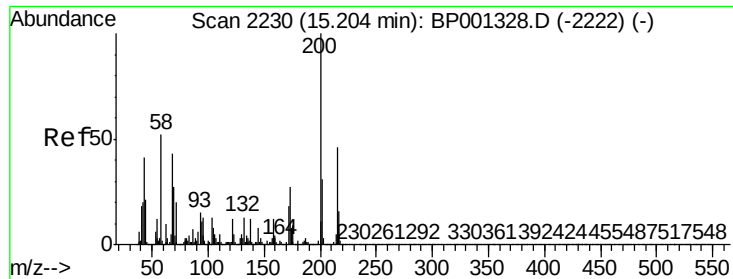
Tot Ion:248 Resp: 86489
Ion Ratio Lower Upper
248 100
250 98.1 79.3 118.9
141 88.7 77.5 116.3



#68
Hexachlorobenzene
Concen: 37.536 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:284 Resp: 98310
Ion Ratio Lower Upper
284 100
142 40.6 36.1 54.1
249 32.9 26.3 39.5

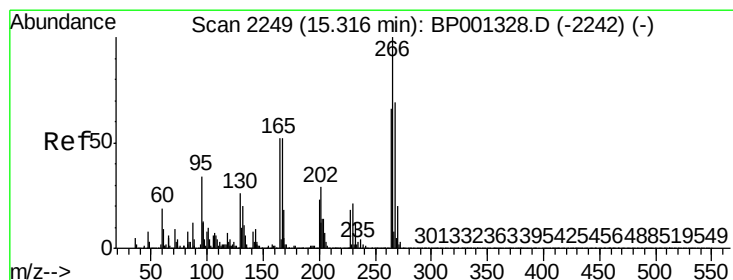
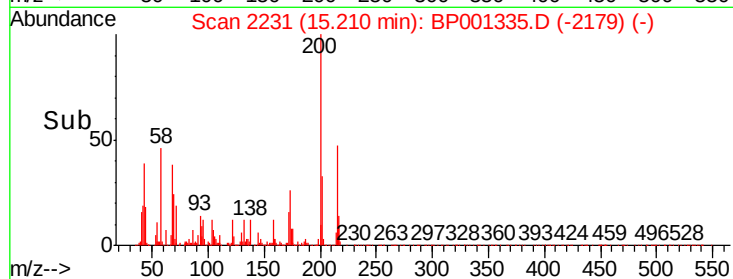
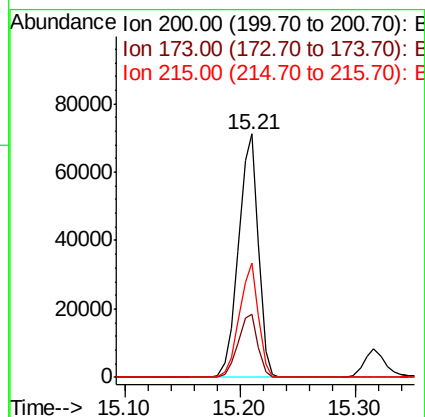
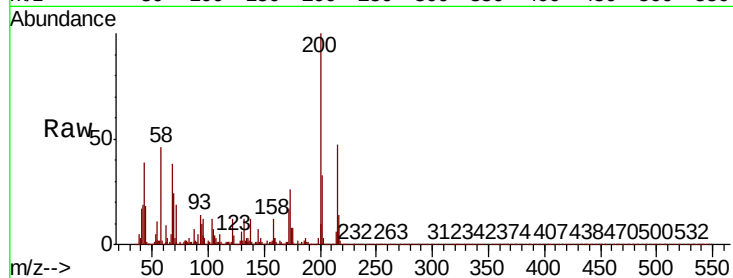




#69
Atrazine
Concen: 38.086 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

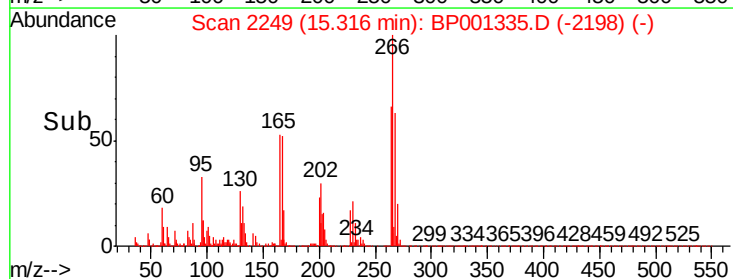
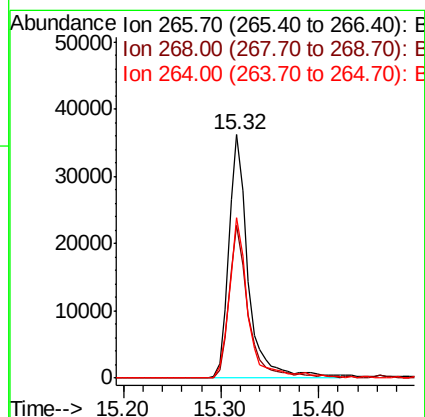
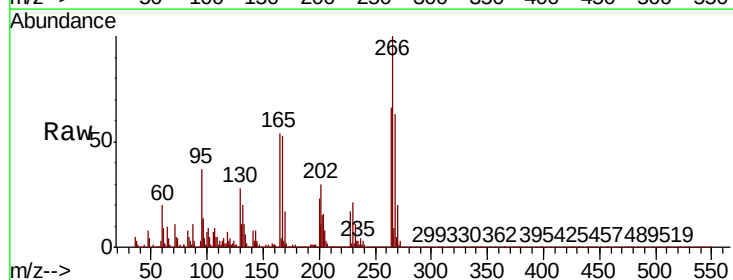
Instrument :
BNA_P
ClientSampled :

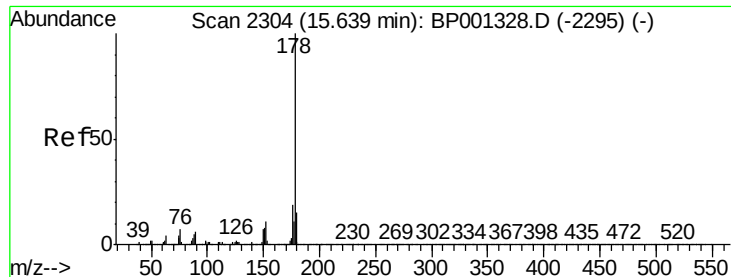
Tot Ion:200 Resp: 84396
Ion Ratio Lower Upper
200 100
173 26.0 6.8 46.8
215 46.8 26.1 66.1



#70
Pentachlorophenol
Concen: 37.221 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:266 Resp: 49993
Ion Ratio Lower Upper
266 100
268 62.9 55.4 83.2
264 65.7 53.2 79.8

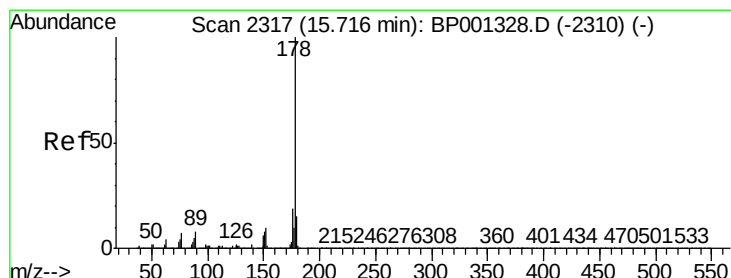
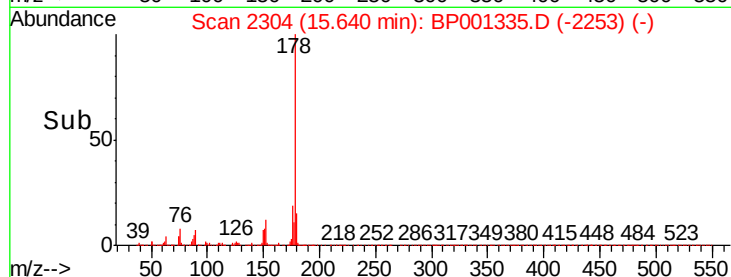
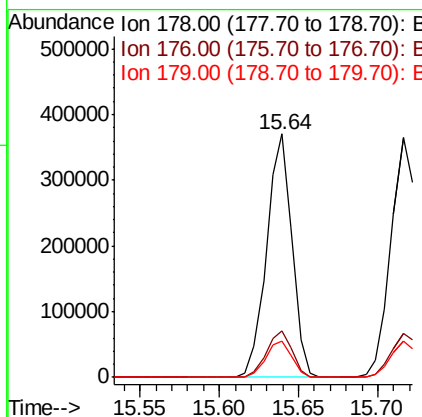
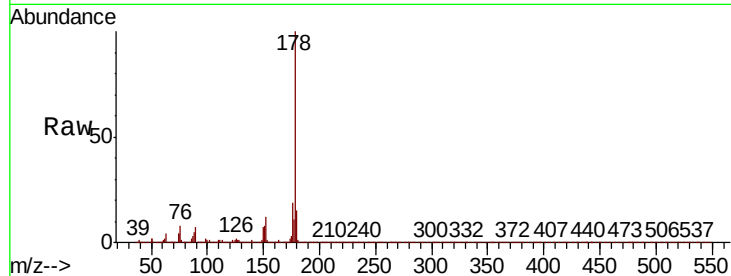




#71
Phenanthrene
Concen: 37.296 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

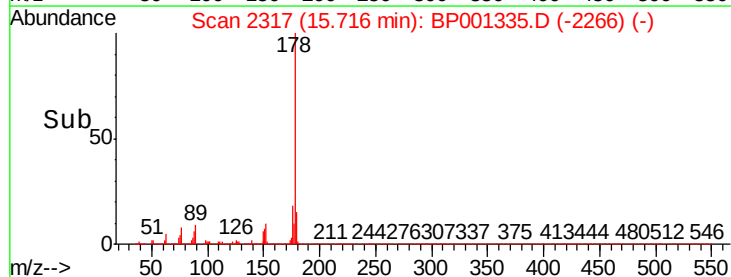
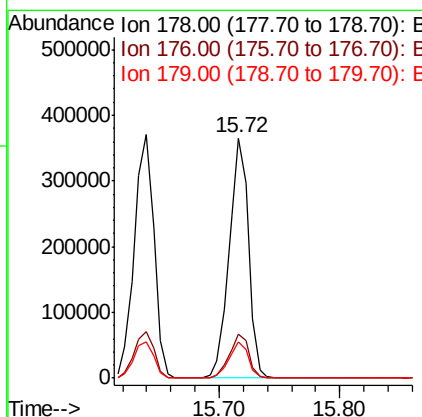
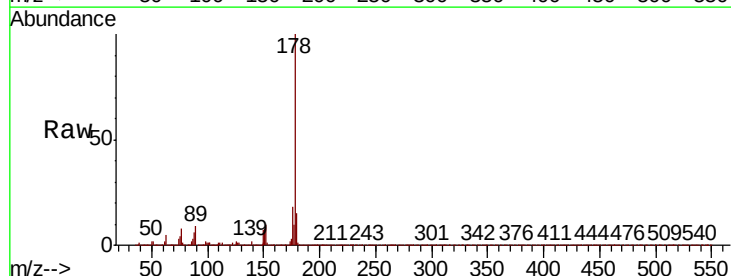
Instrument :
BNA_P
ClientSampled :

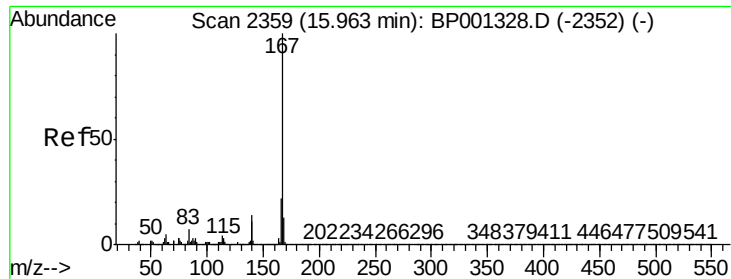
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	14.7	12.0	18.0



#72
Anthracene
Concen: 36.966 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.2	11.9	17.9

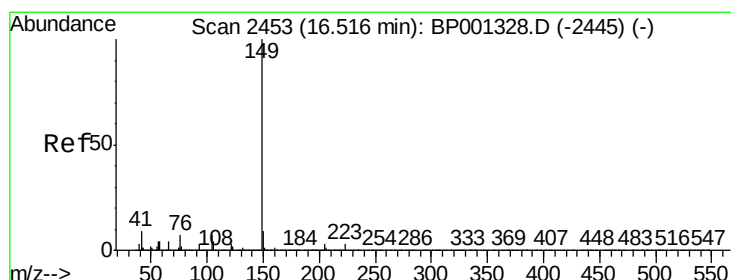
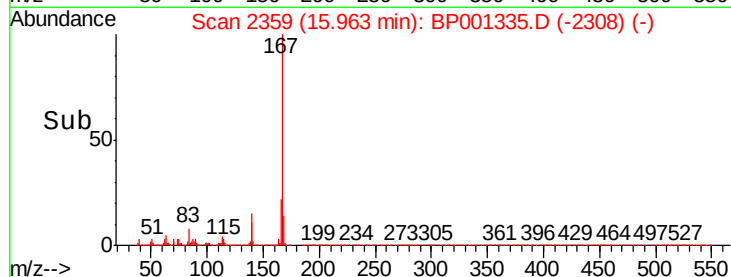
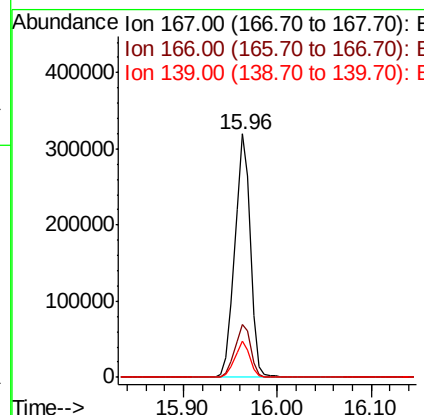
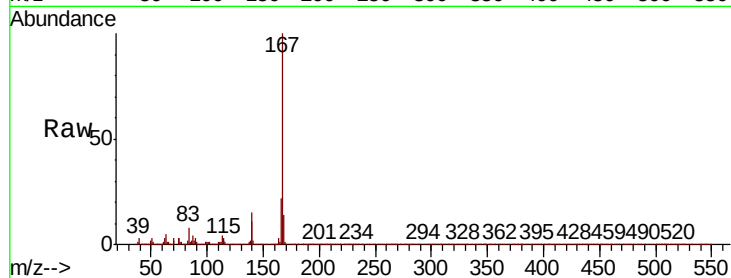




#73
 Carbazole
 Concen: 37.407 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: BP001335.D
 Acq: 20 Dec 2019 10:13

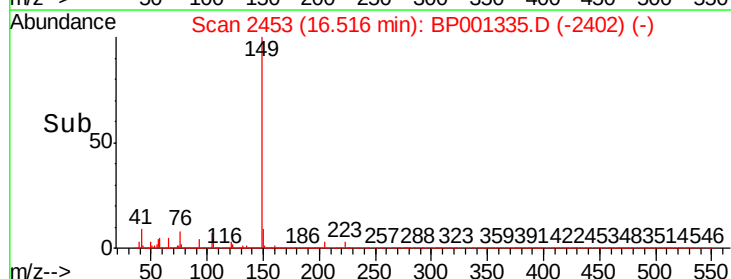
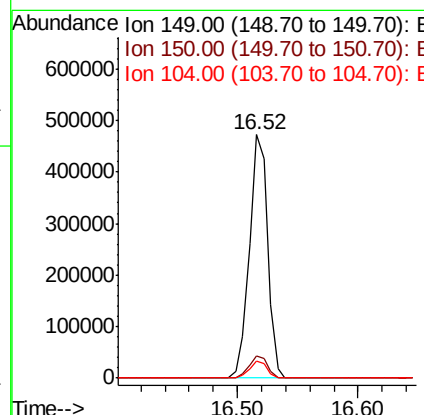
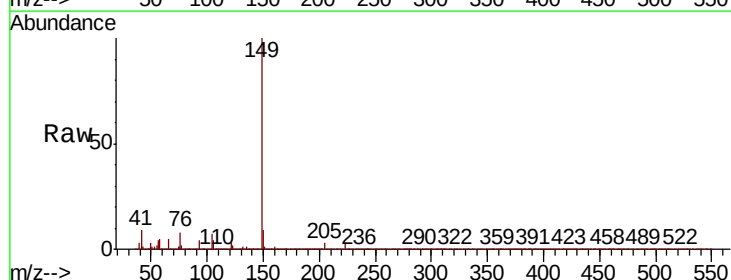
Instrument :
 BNA_P
 ClientSampleId :

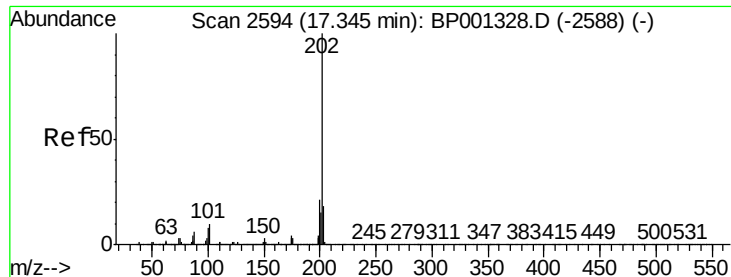
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	14.8	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 37.201 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BP001335.D
 Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	7.0	5.4	8.2





#75

Fluoranthene

Concen: 37.214 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BP001335.D

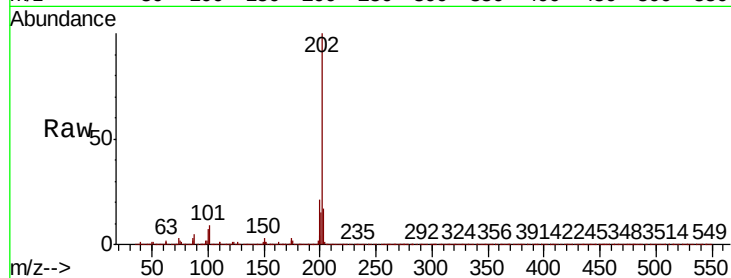
Acq: 20 Dec 2019 10:13

Instrument :

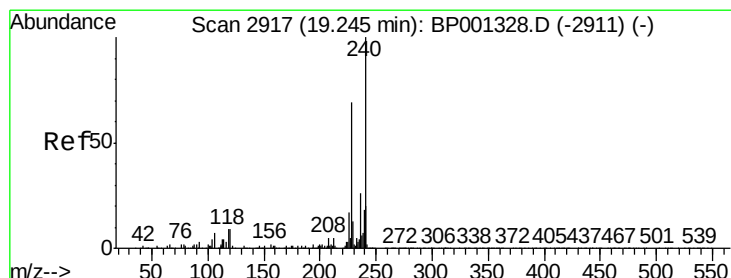
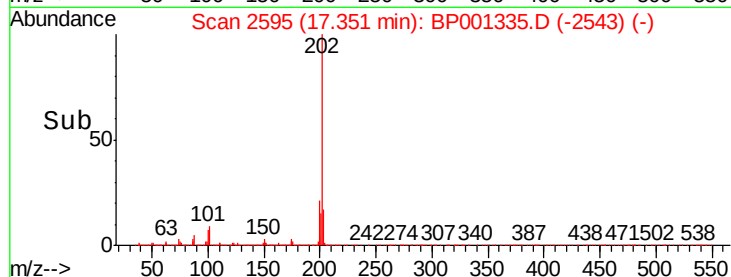
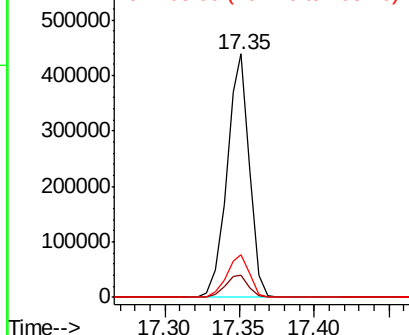
BNA_P

ClientSampled :

Tot Ion:	202	Resp:	461962
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	29.9
203	17.3	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

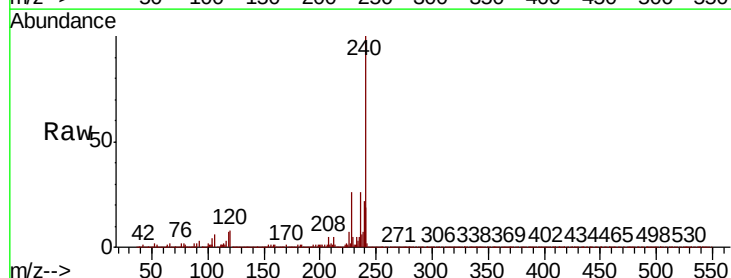
RT: 19.25 min Scan# 2918

Delta R.T. 0.01 min

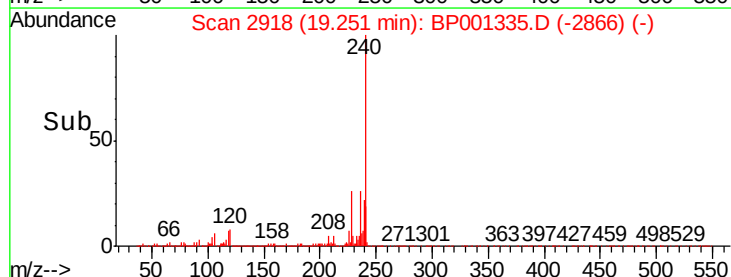
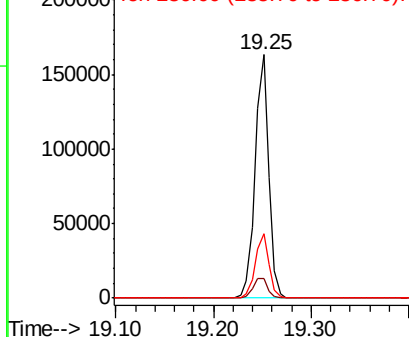
Lab File: BP001335.D

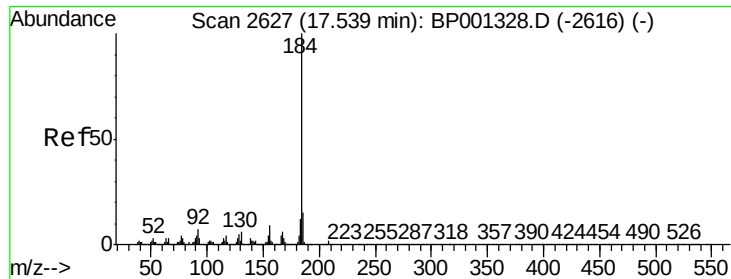
Acq: 20 Dec 2019 10:13

Tgt Ion:	240	Resp:	161359
Ion Ratio	Lower	Upper	
240	100		
120	8.1	7.6	11.4
236	26.3	21.0	31.4



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

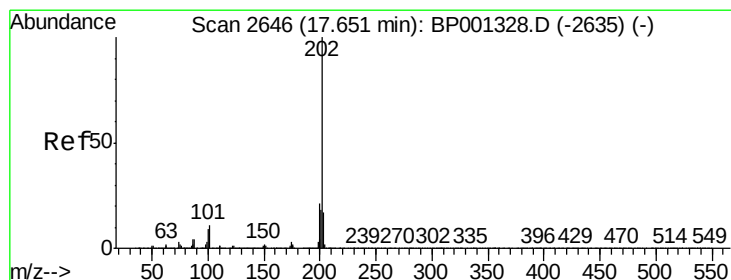
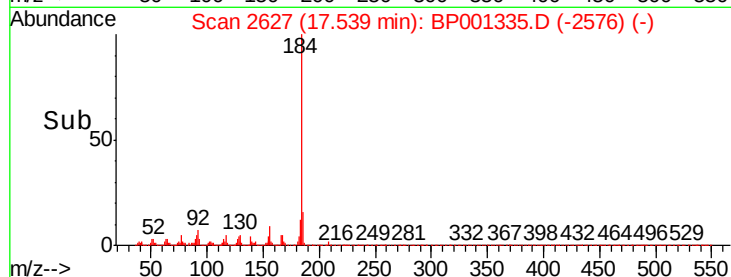
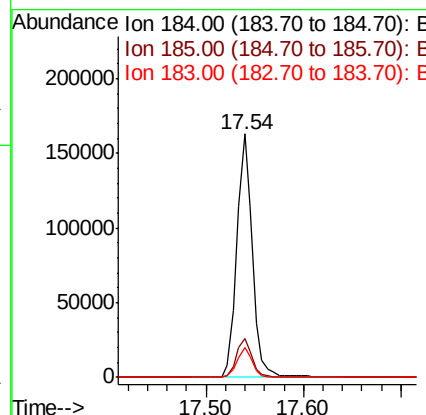
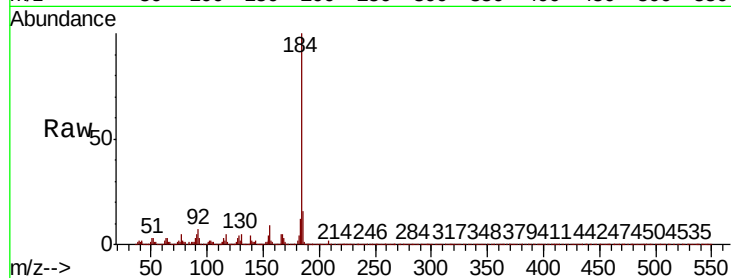




#77
Benzidine
Concen: 38.284 ng
RT: 17.54 min Scan# 2627
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

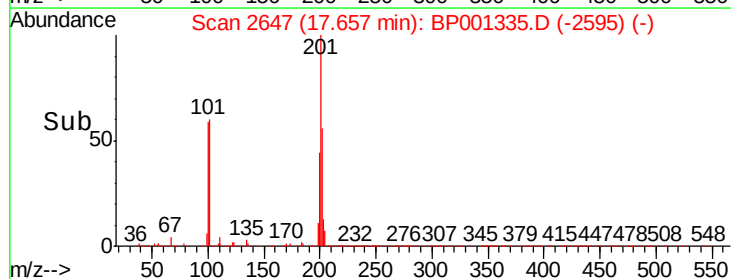
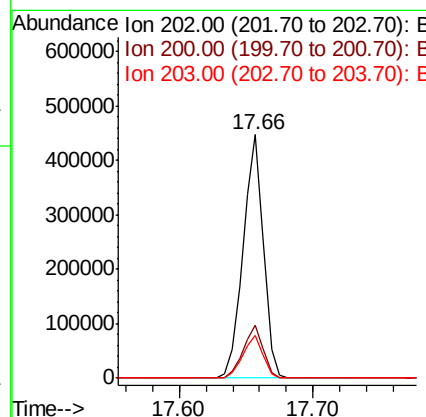
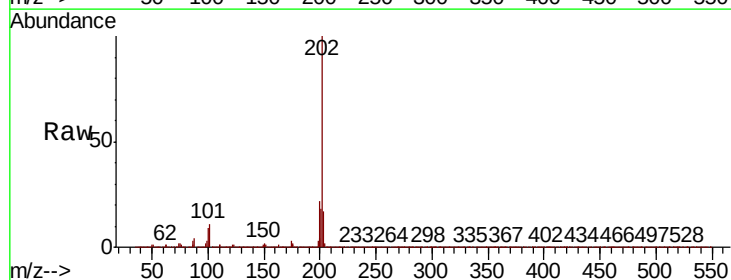
Instrument :
BNA_P
ClientSampleId :

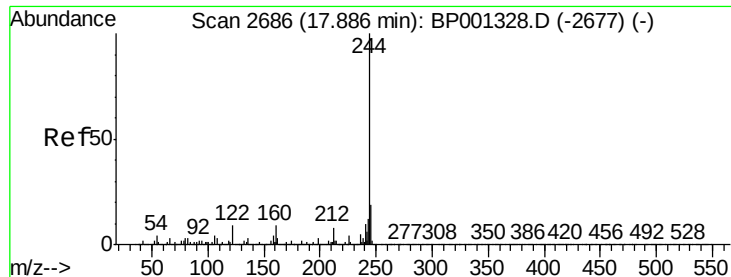
Tot Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.7	17.5
183	12.4	9.8	14.8



#78
Pyrene
Concen: 37.523 ng
RT: 17.66 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.8	25.2
203	17.4	13.8	20.8





#79

Terphenyl-d14

Concen: 75.896 ng

RT: 17.89 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampled :

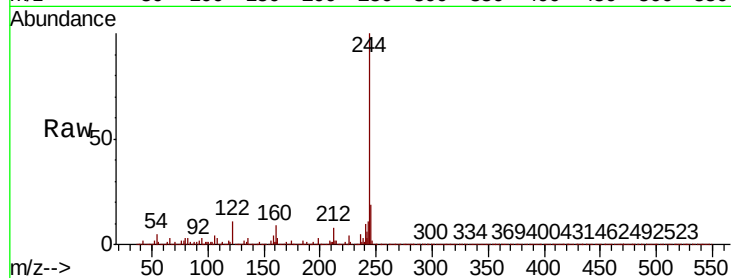
Tot Ion:244 Resp: 715015

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

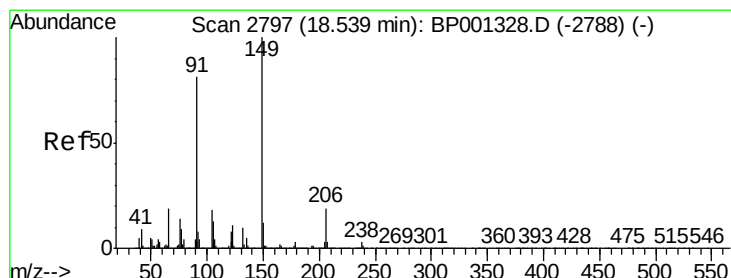
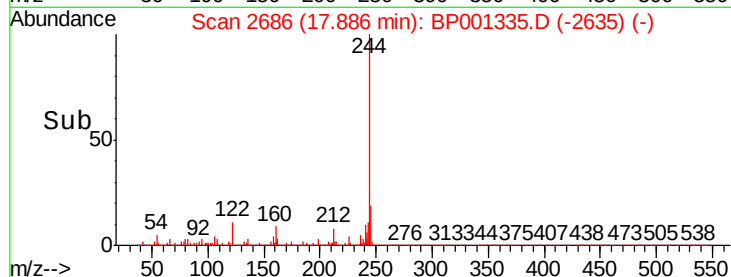
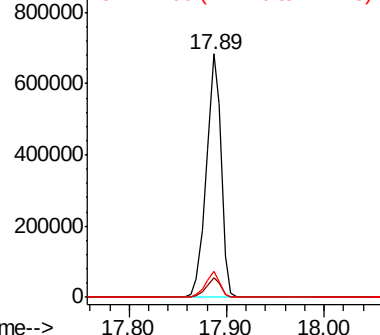
122 10.5 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.144 ng

RT: 18.54 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

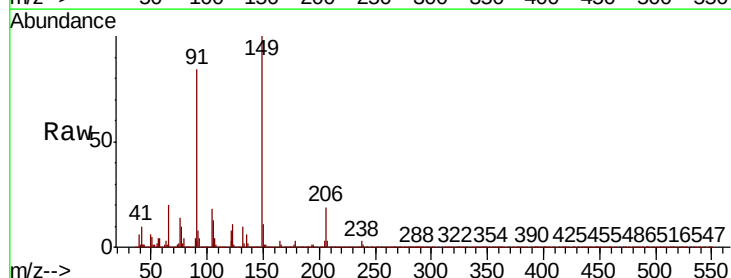
Tgt Ion:149 Resp: 222796

Ion Ratio Lower Upper

149 100

91 84.0 65.2 97.8

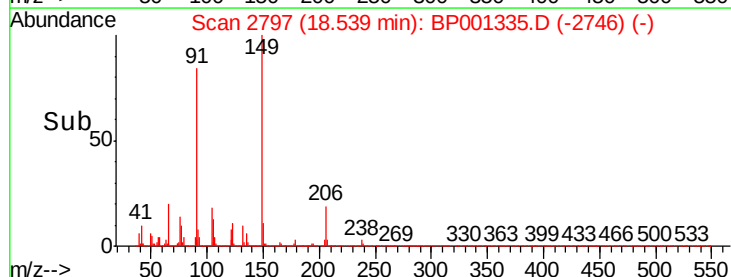
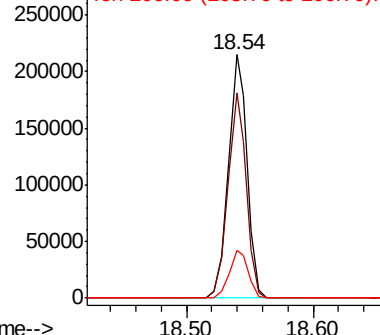
206 19.4 15.6 23.4

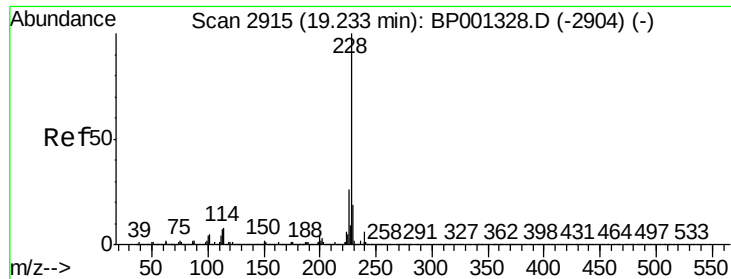


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.732 ng

RT: 19.24 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

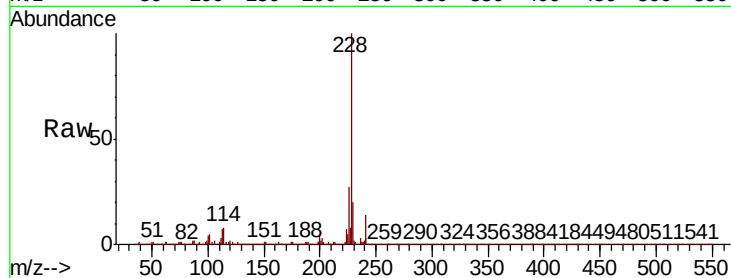
Instrument :

BNA_P

ClientSampled :

Tot Ion:228 Resp: 431895

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	19.7	15.4	23.0

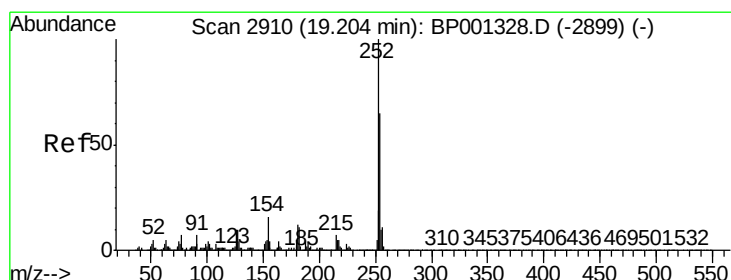
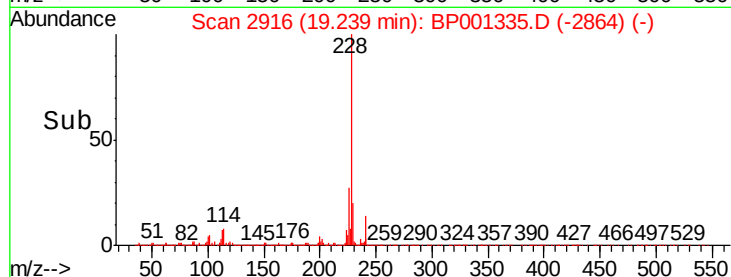
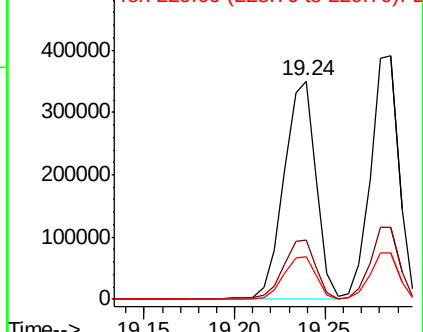


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.536 ng

RT: 19.20 min Scan# 2910

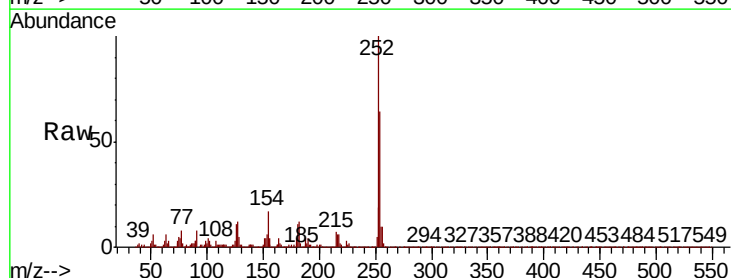
Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Tgt Ion:252 Resp: 157339

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.8	77.8
126	11.0	8.2	12.2

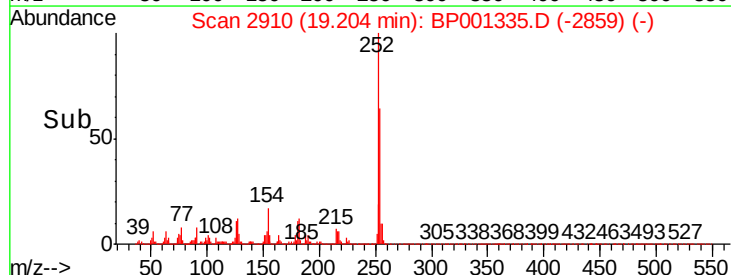
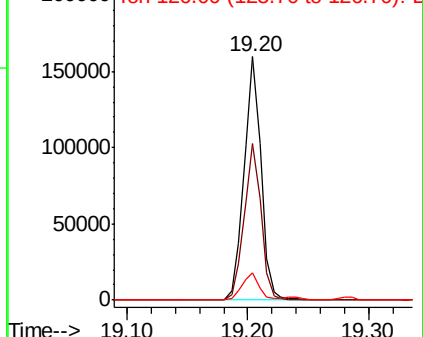


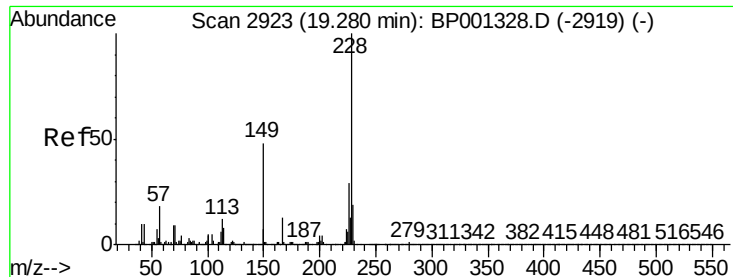
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

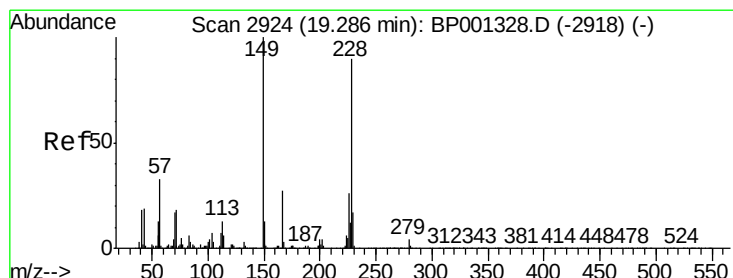
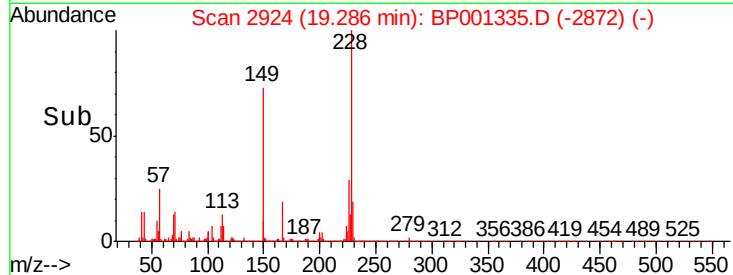
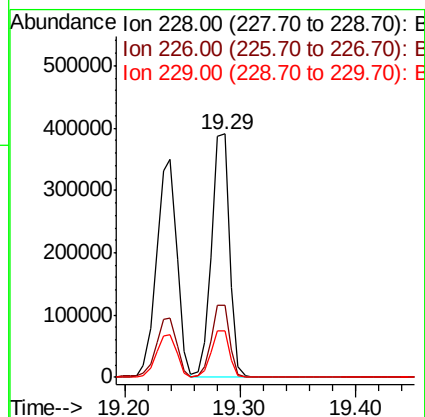
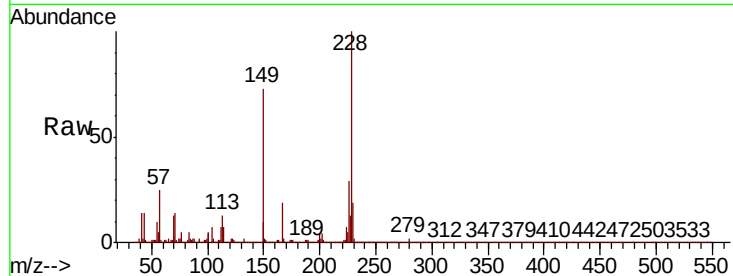




#83
 Chrysene
 Concen: 37.404 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. 0.01 min
 Lab File: BP001335.D
 Acq: 20 Dec 2019 10:13

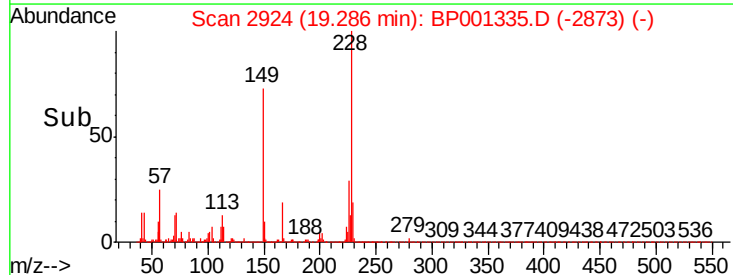
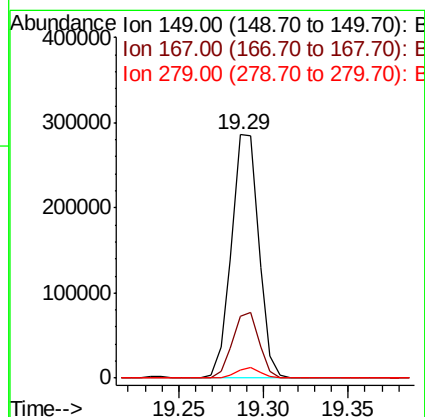
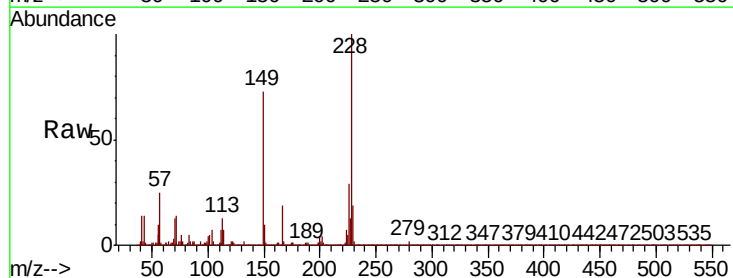
Instrument :
 BNA_P
 ClientSampled :

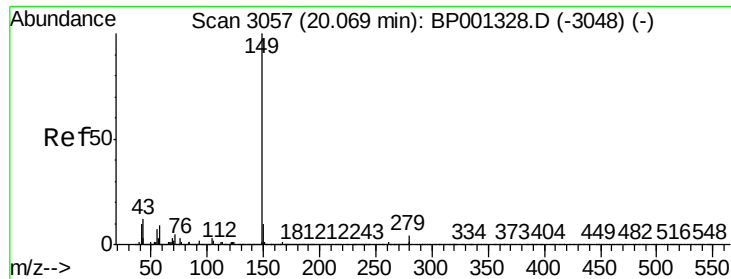
Tot Ion: 228 Resp: 424500
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.1 34.7
 229 19.3 15.4 23.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.461 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BP001335.D
 Acq: 20 Dec 2019 10:13

Tgt Ion: 149 Resp: 321074
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.8 32.6
 279 3.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 37.746 ng

RT: 20.07 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

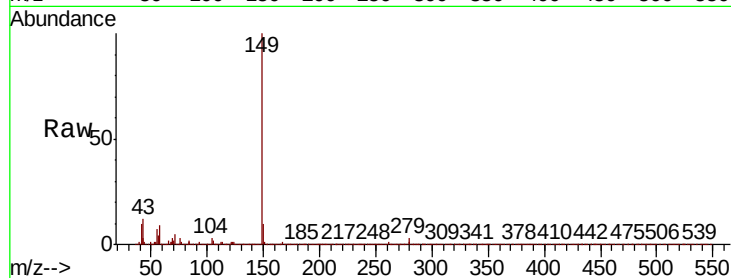
Tot Ion:149 Resp: 536194

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

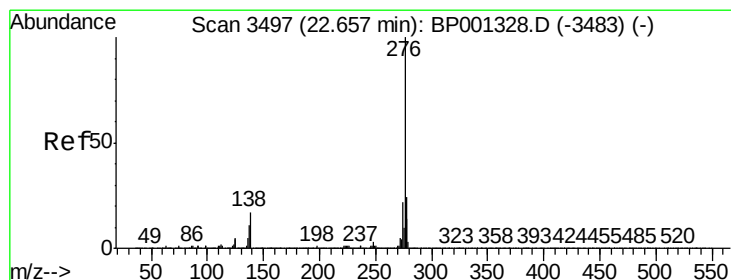
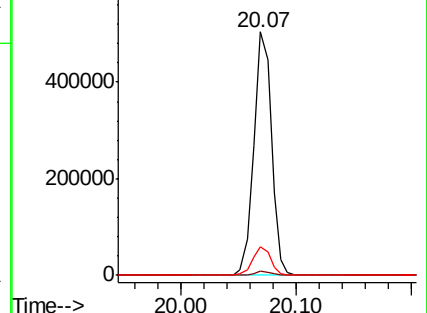
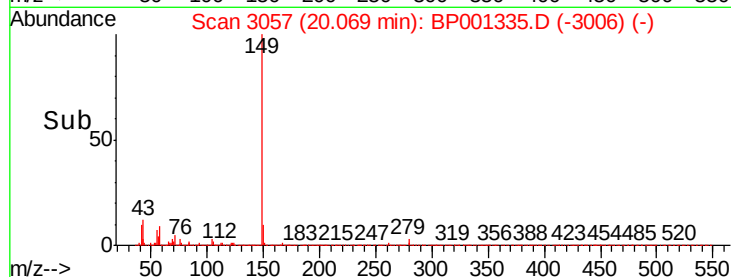
43 12.0 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.993 ng

RT: 22.66 min Scan# 3498

Delta R.T. 0.01 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

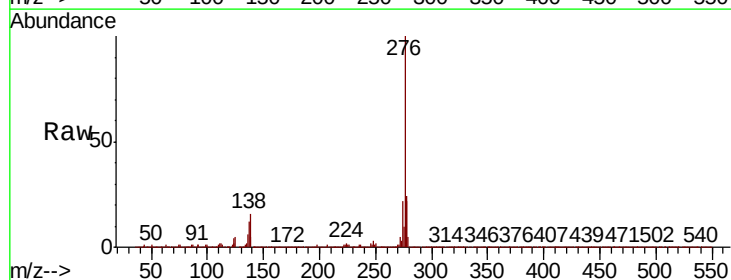
Tgt Ion:276 Resp: 453428

Ion Ratio Lower Upper

276 100

138 19.7 15.8 23.6

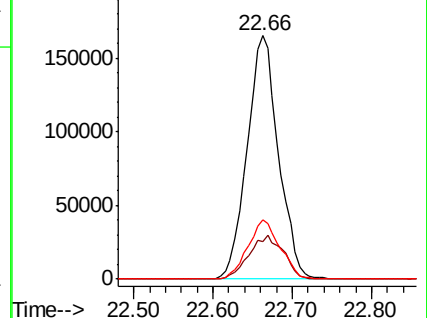
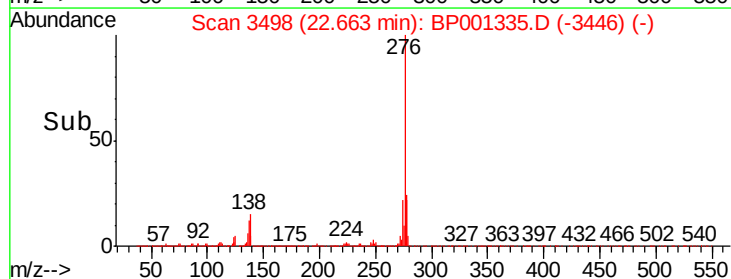
277 25.1 20.2 30.4

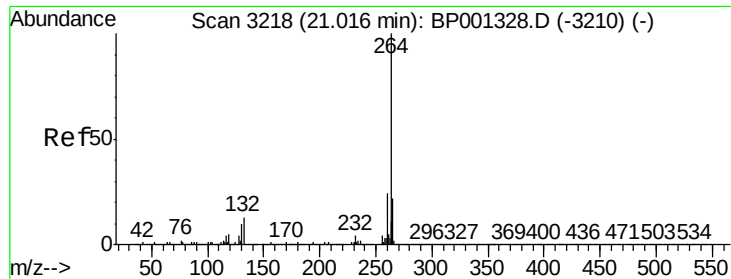


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



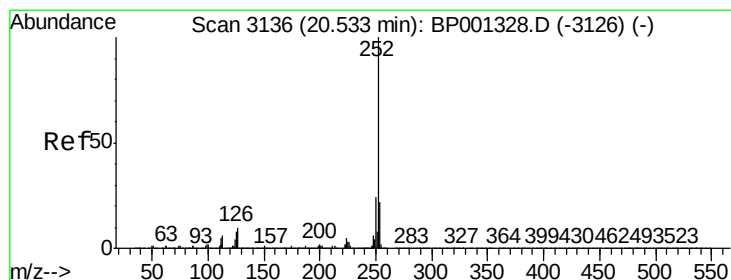
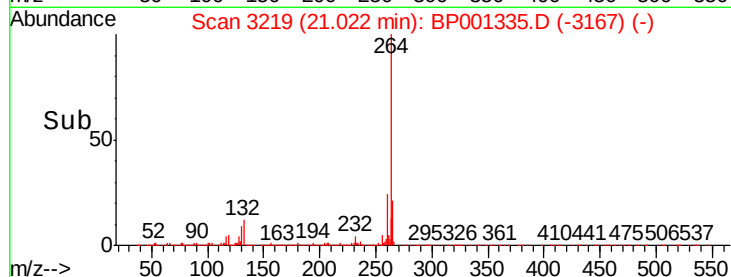
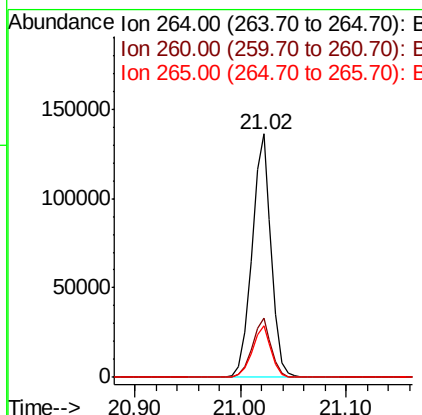
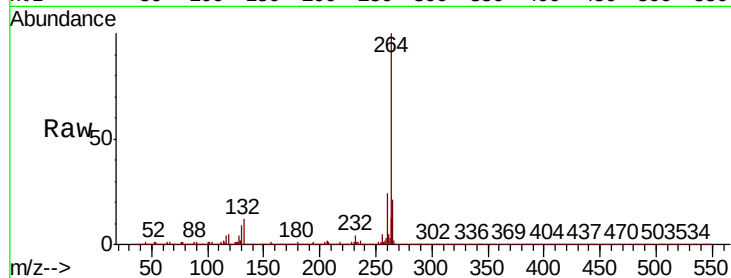


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 171763

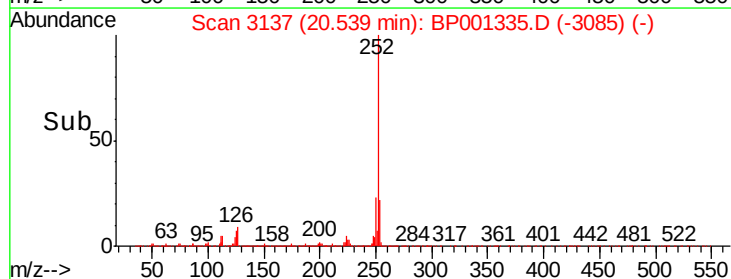
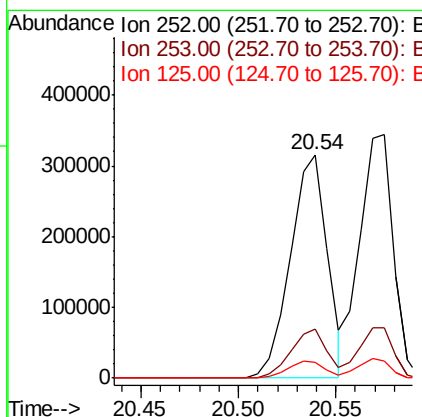
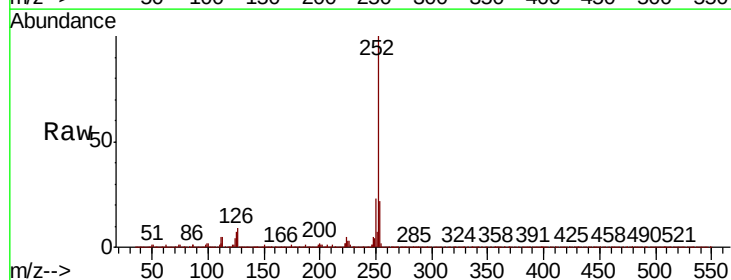
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.4	26.2

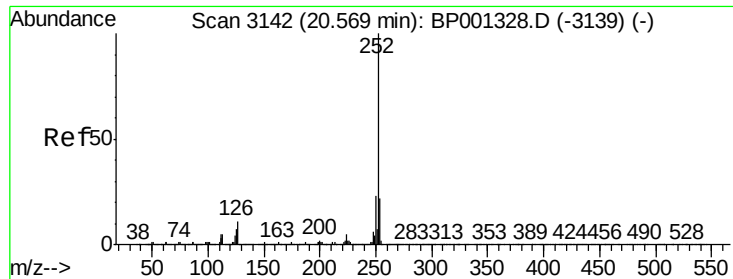


#88
Benzo(b)fluoranthene
Concen: 36.590 ng
RT: 20.54 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion:252 Resp: 412739

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	6.8	6.3	9.5





#89

Benzo(k)fluoranthene

Concen: 38.290 ng

RT: 20.57 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

Instrument :

BNA_P

ClientSampleId :

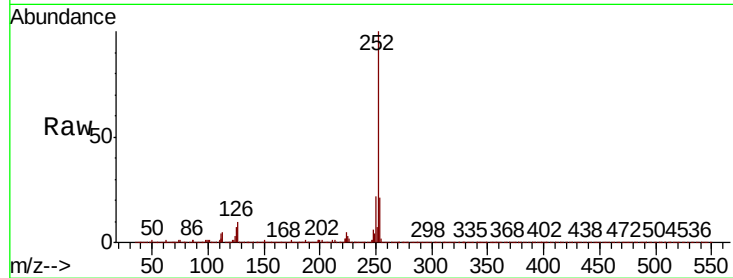
Tot Ion:252 Resp: 411443

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

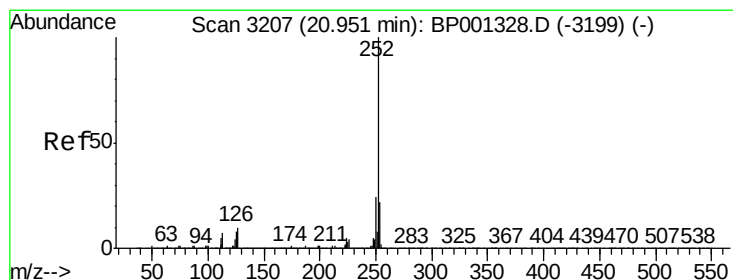
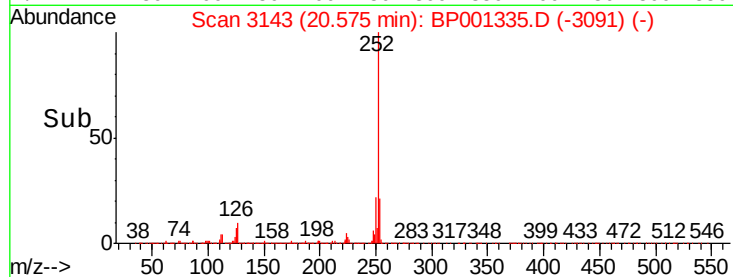
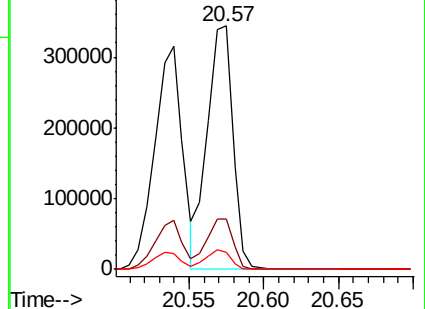
125 7.0 5.9 8.9



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: 37.360 ng

RT: 20.95 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BP001335.D

Acq: 20 Dec 2019 10:13

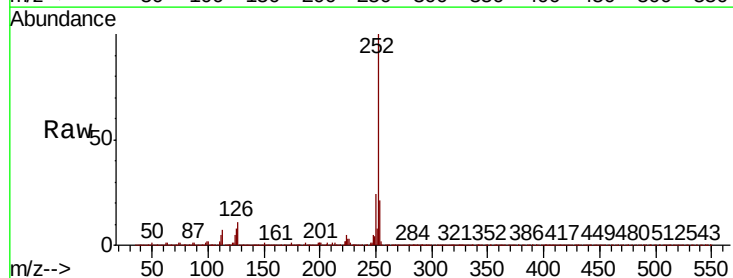
Tgt Ion:252 Resp: 383913

Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

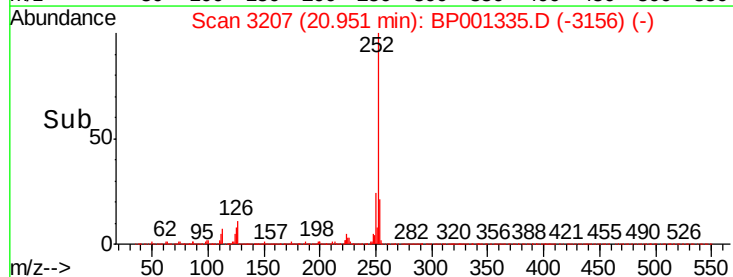
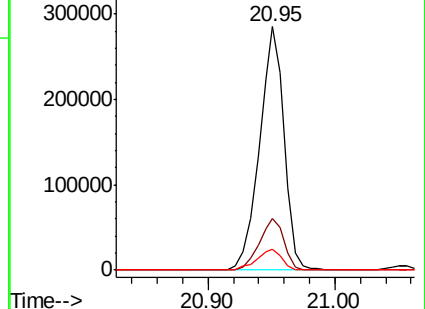
125 8.4 6.3 9.5

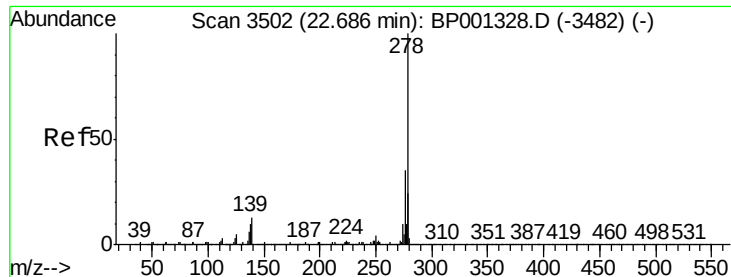


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

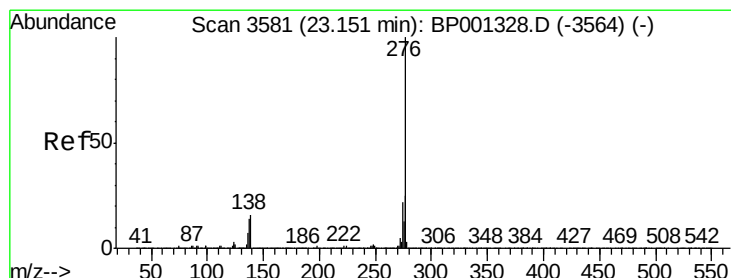
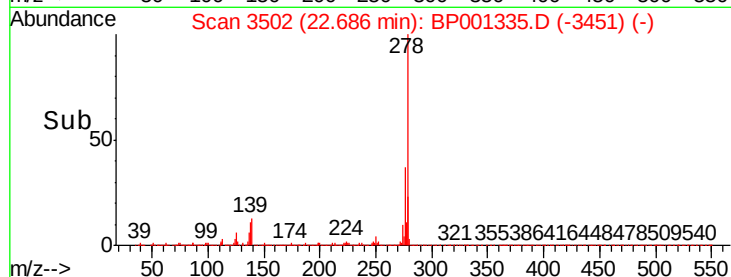
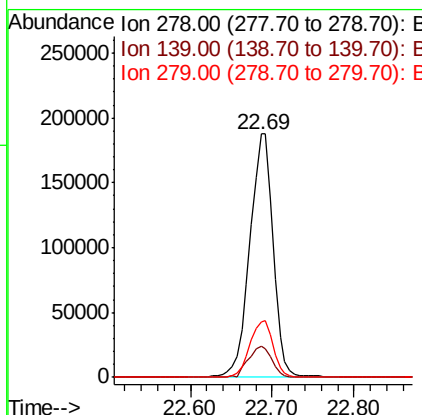
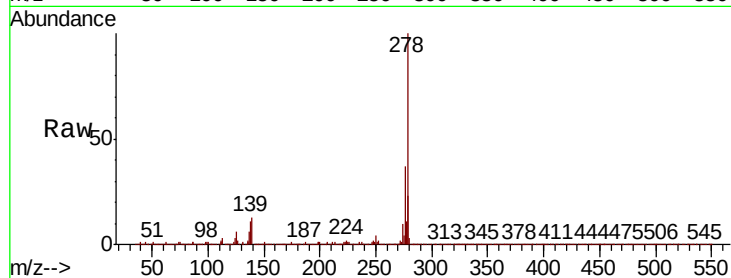




#91
Dibenzo(a,h)anthracene
Concen: 37.242 ng
RT: 22.69 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.3	15.5
279	23.0	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 36.801 ng
RT: 23.15 min Scan# 3581
Delta R.T. 0.00 min
Lab File: BP001335.D
Acq: 20 Dec 2019 10:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.6	29.4
138	16.3	12.6	18.8

